RF TEST REPORT

Applicant	Huawei Technologies Co., Ltd.
FCC ID	QISPAR-LX9
Product	Smart Phone
Model	PAR-LX9
Report No.	R1806H0074-R3V1
Issue Date	July 23, 2018

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 15E (2018)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

ZhengQiang Zhou

Performed by: Zhengqiang Zhou

Kai Xu

Approved by: Kai Xu

TA Technology (Shanghai) Co., Ltd.

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Summary of measurement results

Number	Summary of measurements of results	Clause in FCC rules	Verdict
1	Unwanted Emissions	15.407(b)	PASS
2	Conducted Emissions	15.207	PASS
Date of Testing: June 29, 2018~ July 15, 2018			

1. Test Laboratory

1.1. Notes of the test report

This report shall not be reproduced in full or partial, without the written approval of **TA technology (shanghai) co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test facility

CNAS (accreditation number: L2264)

TA Technology (Shanghai) Co., Ltd. has obtained the accreditation of China National Accreditation Service for Conformity Assessment (CNAS).

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements.

IC (recognition number is 8510A)

TA Technology (Shanghai) Co., Ltd. has been listed by industry Canada to perform electromagnetic emission measurement.

VCCI (recognition number is C-4595, T-2154, R-4113, G-10766)

TA Technology (Shanghai) Co., Ltd. has been listed by industry Japan to perform electromagnetic emission measurement.

A2LA (Certificate Number: 3857.01)

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission measurement.

1.3. Testing Location

Company:	TA Technology (Shanghai) Co., Ltd.
Address:	No.145, Jintang Rd, Tangzhen Industry Park, Pudong
City:	Shanghai
Post code:	201201
Country:	P. R. China
Contact:	Xu Kai
Telephone:	+86-021-50791141/2/3
Fax:	+86-021-50791141/2/3-8000
Website:	http://www.ta-shanghai.com
E-mail:	xukai@ta-shanghai.com

2. General Description of Equipment under Test

Client Information

Applicant	Huawei Technologies Co., Ltd.
Applicant address	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.China.
Manufacturer	Huawei Technologies Co., Ltd.
Manufacturer address	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.China.

General information

EUT Description	
Model	PAR-LX9
IMEI	SIM1: 869592030011783 SIM2: 869592030012781
Hardware Version	HL2PARLM
Software Version	PAR-LX9 8.2.0.120(C900)
Power Supply	Battery/AC adapter
Antenna Type	Internal Antenna
Test Mode(s)	U-NII-1(5150MHz-5250MHz) U-NII-2A(5250MHz-5350MHz) U-NII-2C(5470MHz-5725MHz U-NII-3(5725MHz-5850MHz)
Modulation Type	802.11a/n (HT20/HT40) : OFDM 802.11ac (VHT20/VHT40/VHT80): OFDM
Operating Frequency Range(s)	U-NII-1: 5150-5250MHz U-NII-2A:5250-5350MHz U-NII-2C:5470-5725MHz U-NII-3: 5725-5850MHz
Operating temperature range:	0 ° C to 35° C
Operating voltage range:	3.6 V to 4.35 V
State AC voltage:	3.8V

EUT Accessory	
Adapter 1	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: Salcomp) Model: HW-059200EHQ SN:K68304J3T03348

Adapter 2	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: BYD) Model: HW-059200EHQ SN:B68331J4E00880
Adapter 3	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: Salcomp) Model: HW-059200UHQ SN: K76520J4H09868
Adapter 4	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: BYD) Model: HW-059200UHQ SN: B76549J4C22420
Adapter 5	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: Salcomp) Model: HW-090200EH0 SN:K98814J2100215
Adapter 6	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: HUNTKEY) Model: HW-090200EH0 SN:H988K7J3D00176
Adapter 7	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: Salcomp) Model: HW-090200UH0 SN: K99201J3Y00029
Adapter 8	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: HUNTKEY) Model: HW-090200UH0 SN: H992K5J3X00029
Battery 1	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: SCUD) Model: HB386589ECW
Battery 2	Manufacturer: Huawei Technologies Co., Ltd. (Manufacturer: Desay) Model: HB386589ECW
Earphone 1	Manufacturer: Merry Electronics Co., Ltd Model: EMC309-001
Earphone 2	Manufacturer: Boluo County Quancheng Electronic Co., Ltd. Model: 1311-3291-3.5mm-229
Earphone 3	Manufacturer: Jiangxi Lianchuang Hongsheng Electronic Co., LTD. Model: MEMD1632B580C00
USB Cable 1	Manufacturer: Ningbo Broad Telecommunication Co., Ltd Model: WA0002
USB Cable 2	Manufacturer: LUXSHARE Precision Industry Co., Ltd. Model: L99UC093-CS-H
USB Cable 3	Manufacturer: HUIZHOU DEHONG TECHNOLOGY CO.,LTD Model: 330-50362
Note: The information of the EUT is declared by the manufacturer. 2. There is more than one Adapter, Battery, Earphone and USB Cable, each one should be applied throughout the compliance test respectively, and however, only the worst case (Adapter 1, Battery 2, Earphone 2 and USB Cable 1) will be recorded in this report.	

3. Applied Standards

According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC CFR47 Part 15E (2018) Unlicensed National Information Infrastructure Devices

ANSI C63.10 (2013)

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

4. Test Configuration

Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (X axis) and the worst case was recorded.

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate. Preliminary tests have been done on all the configuration for confirming worst case. Data rate below means worst-case rate of each test item.

5. Test Case Results

5.1. Unwanted Emission

Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

Method of Measurement

The test set-up was made in accordance to the general provisions of ANSI C63.10-2013. The Equipment Under Test (EUT) was set up on a non-conductive table in the semi-anechoic chamber. The test was performed at the distance of 3 m between the EUT and the receiving antenna. The radiated emissions measurements were made in a typical installation configuration.
Sweep the whole frequency band range from 9kHz to the 10th harmonic of the carrier, and the emissions less than 20 dB below the permissible value are reported.

During the test, the height of receive antenna shall be moved from 1 to 4 meters, and the antenna shall be performed under horizontal and vertical polarization. The turntable shall be rotated from 0 to 360 degrees for detecting the maximum of radiated spurious signal level. The measurements shall be repeated with orthogonal polarization of the test antenna. The data of cable loss and antenna factor has been calibrated in full testing frequency range before the testing.
Set the spectrum analyzer in the following:
Below 1GHz (detector: Peak and Quasi-Peak)
RBW=100kHz / VBW=300kHz / Sweep=AUTO
Above 1GHz (detector: Peak):
I) Peak emission levels are measured by setting the instrument as follows:
1) RBW = 1 MHz.
2) VBW ≥ [3 × RBW]
3) Detector = peak.
4) Sweep time = auto.
5) Trace mode = max hold.
6) Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, then the time required for the trace to stabilize will increase by a factor of approximately 1 / D, where D is the duty cycle.

II) Average emission levels are measured by setting the instrument as follows:
a) RBW = 1 MHz.
b) VBW ≥ [3 × RBW].
c) Detector = RMS (power averaging), if [span / (# of points in sweep)] ≤ RBW / 2. Satisfying this condition can require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, then the detector mode shall be set to peak.
d) Averaging type = power (i.e., rms) (As an alternative, the detector and averaging type may be set

for linear voltage averaging. Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.)

e) Sweep time = auto.

f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, then the number of traces shall be increased by a factor of 1 / D, where D is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—then rather than turning ON and OFF with the transmit cycle, at least 100 traces shall be averaged.)

g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, then a correction factor shall be added to the measurement results prior to comparing with the emission limit, to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:

1) If power averaging (rms) mode was used in the preceding step e), then the correction factor is [10 log (1 / D)], where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB shall be added to the measured emission levels.

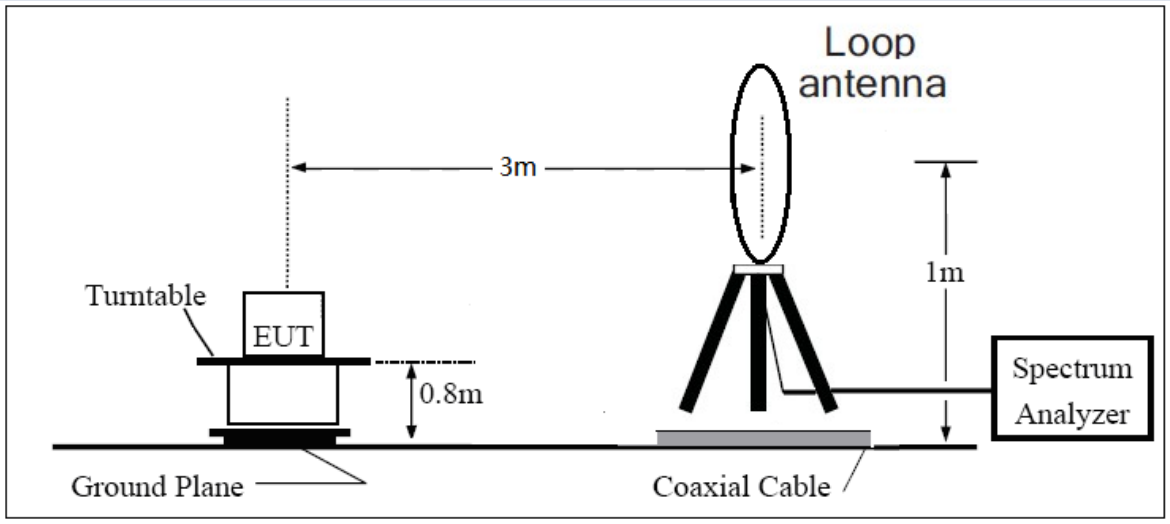
2) If linear voltage averaging mode was used in the preceding step e), then the correction factor is [20 log (1 / D)], where D is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB shall be added to the measured emission levels.

3) If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

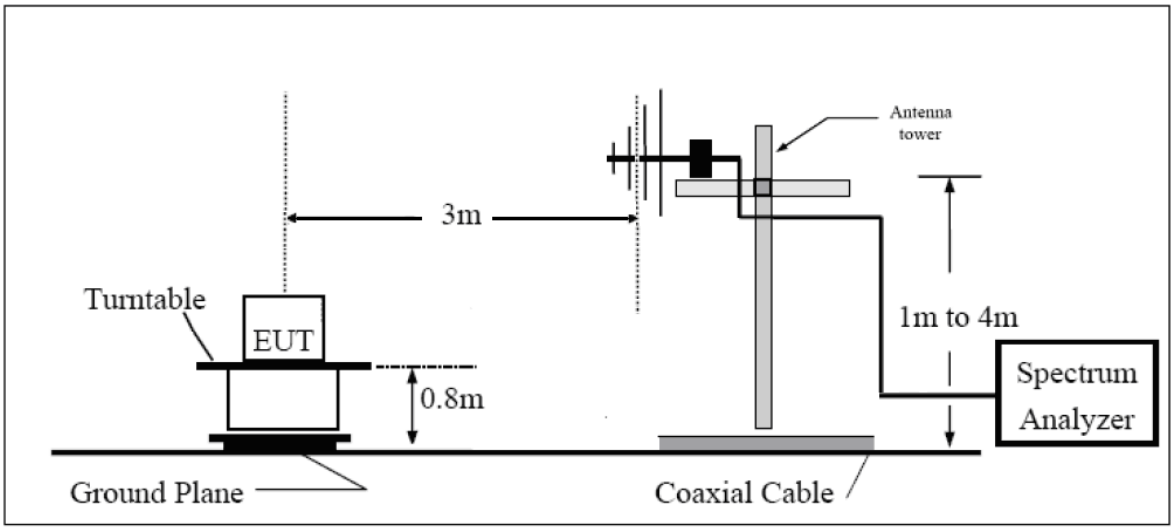
The field strength of spurious emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in stand-up position (Z axis) and the antenna is vertical.

The test is in transmitting mode.

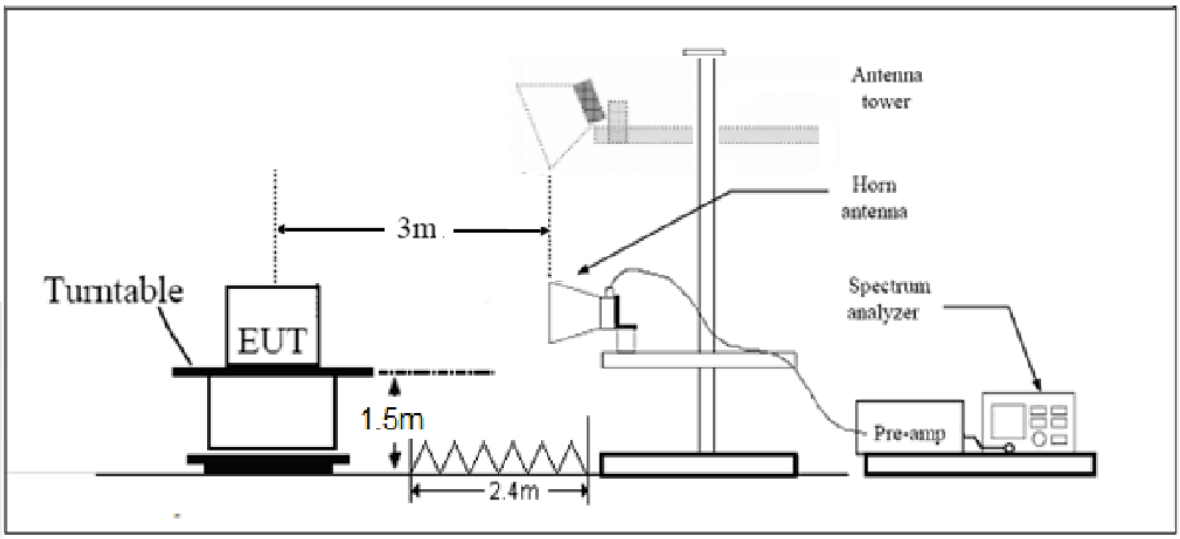
9KHz~~~30MHz



30MHz~~~ 1GHz



Above 1GHz



Note: Area side:2.4mX3.6m

Limits

(1) For transmitters operating in the 5725-5850 MHz 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.

(2) 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(68.2dBμV/m).

(3) 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(68.2dBμV/m).

(4) 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(68.2dBμV/m).

Note: the following formula is used to convert the EIRP to field strength

§1、E[dBμV/m] = EIRP[dBm] - 20 log(d[meters]) + 104.77, where E = field strength and

d = distance at which field strength limit is specified in the rules;

§2、E[dBμV/m] = EIRP[dBm] + 95.2, for d = 3 meters

(5) Unwanted spurious emissions fallen in restricted bands per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 as below table.

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)
0.009–0.490	2400/F(kHz)	/
0.490–1.705	24000/F(kHz)	/
1.705–30.0	30	/
30-88	100	40
88-216	150	43.5
216-960	200	46
Above960	500	54

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41			

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor *k* = 1.96.

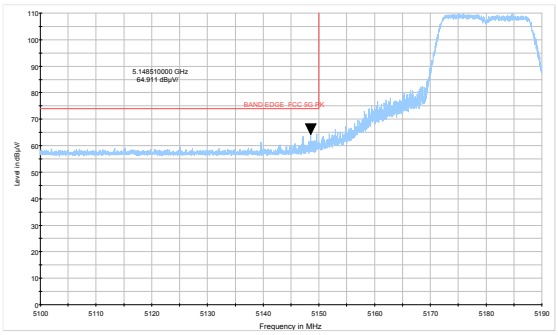
Frequency	Uncertainty
9KHz-30MHz	3.55 dB
30MHz-200MHz	4.19 dB
200MHz-1GHz	3.63 dB
1GHz-26.5G	3.68 dB
26.5G-40GHz	4.76dB

Test Results:

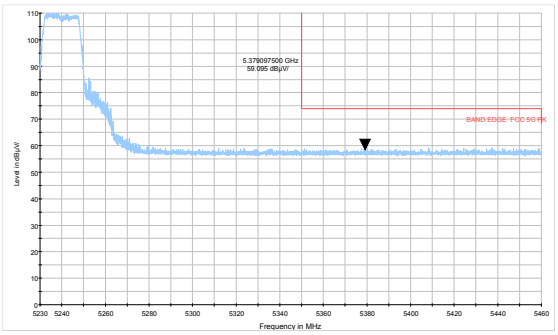
The signal beyond the limit is carrier.

U-NII-1

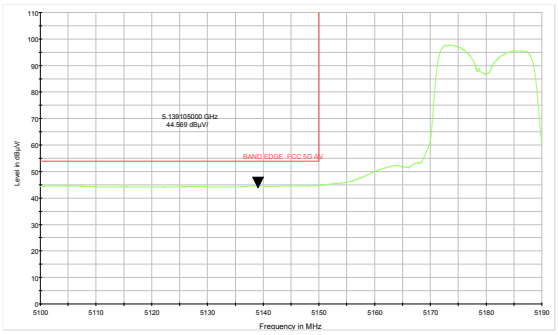
802.11a-Channel 36: Peak



802.11a-Channel 48: Peak



802.11a-Channel 36: Average



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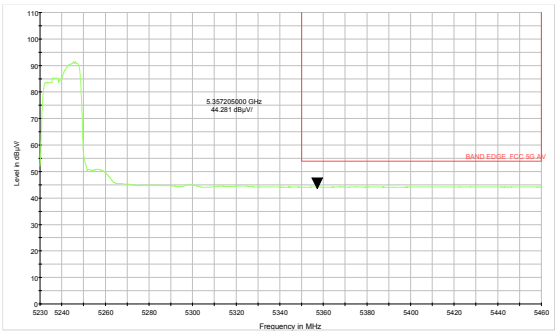
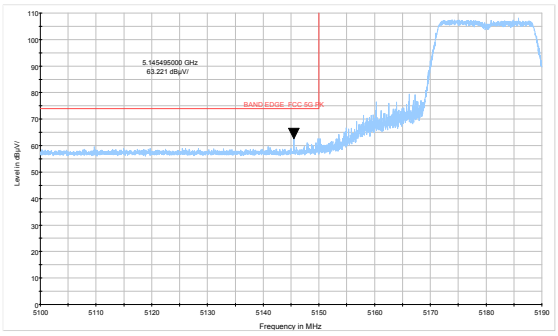


802.11n HT20-Channel 36: Peak



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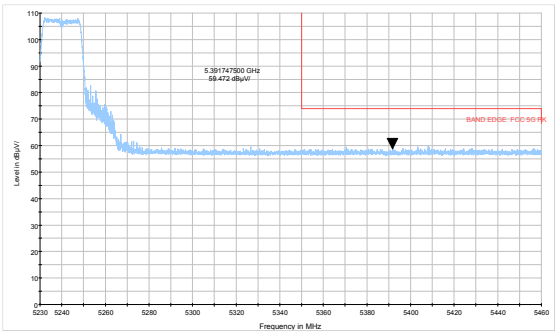

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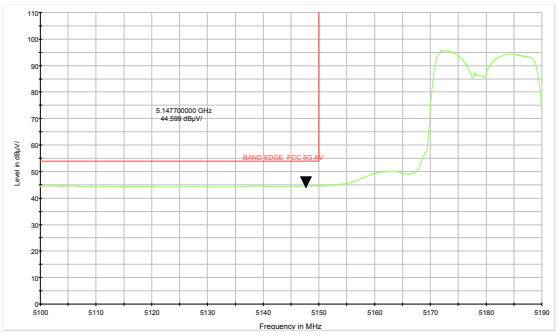
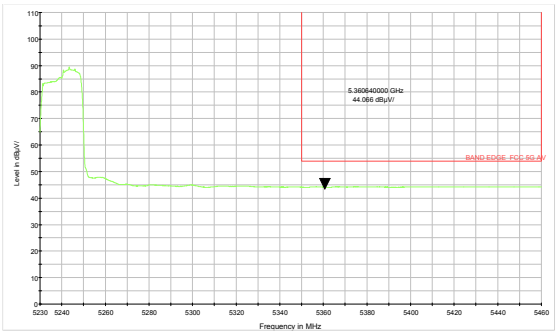
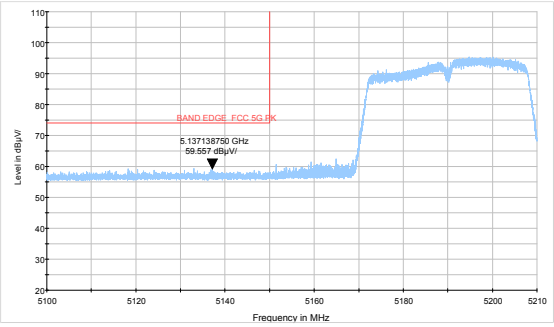


802.11n HT20-Channel 48: Average



802.11n HT40-Channel 38: Peak



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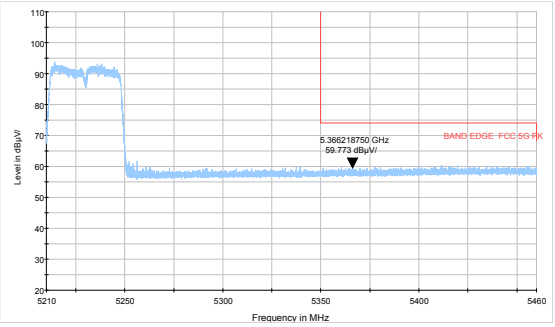

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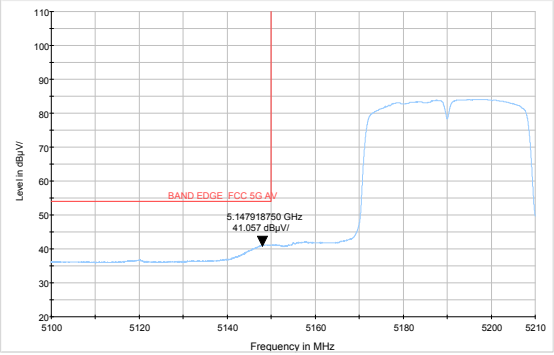

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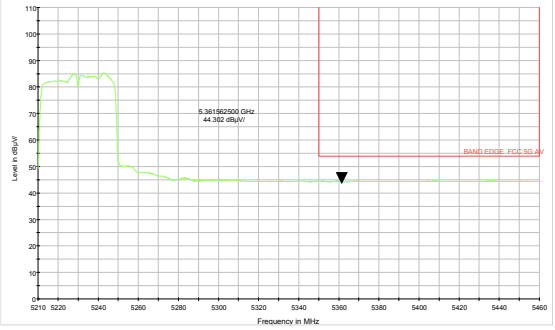
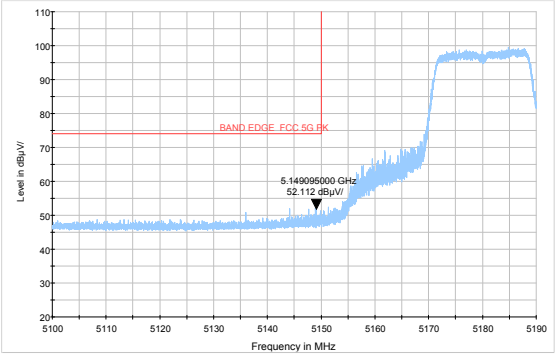
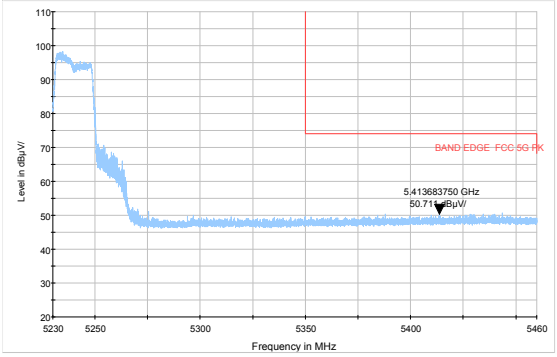


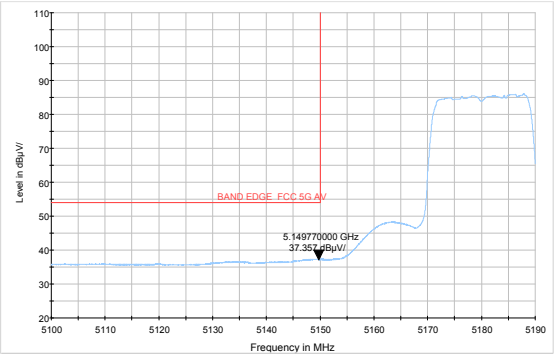
802.11ac VHT20 -Channel 36: Peak



802.11ac VHT20 -Channel 48: Peak



802.11ac VHT20-Channel 36: Average



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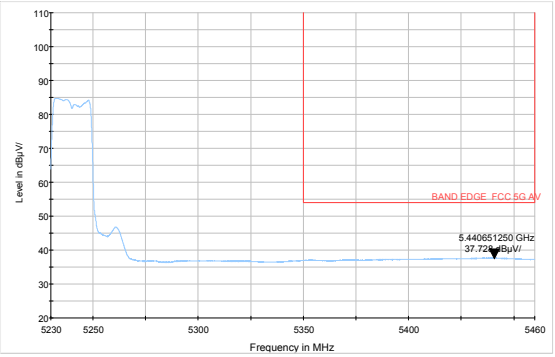
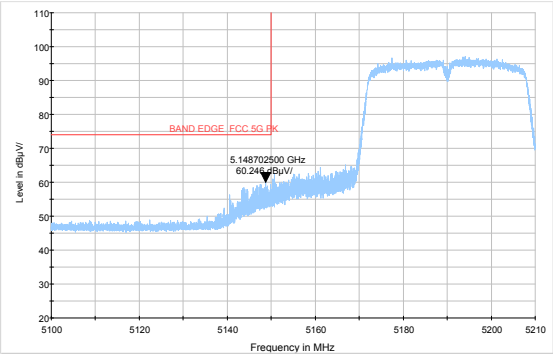


802.11ac VHT40-Channel 38: Peak



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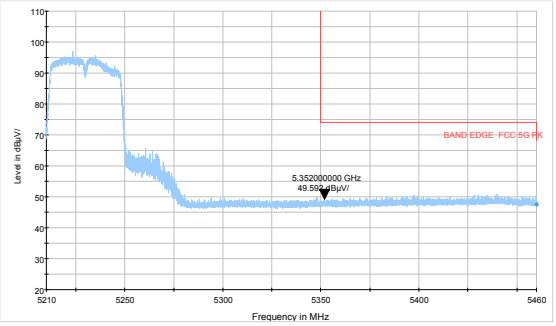

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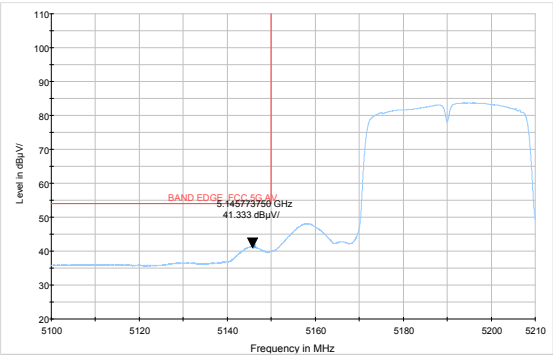

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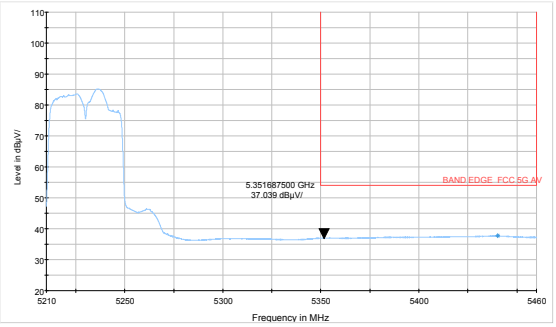
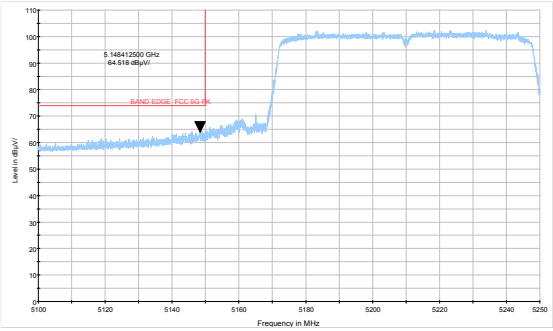


802.11ac VHT80 –Channel 42: Peak



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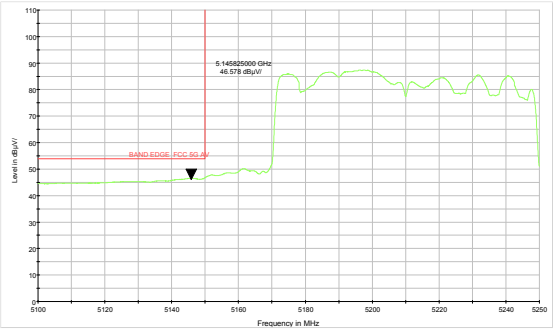
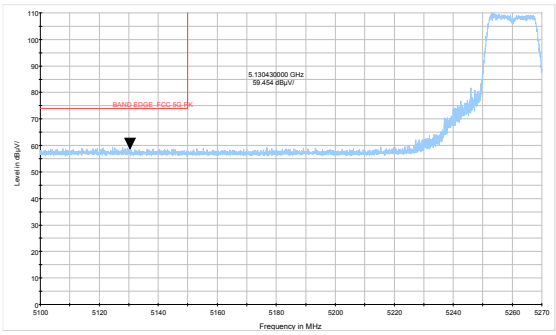
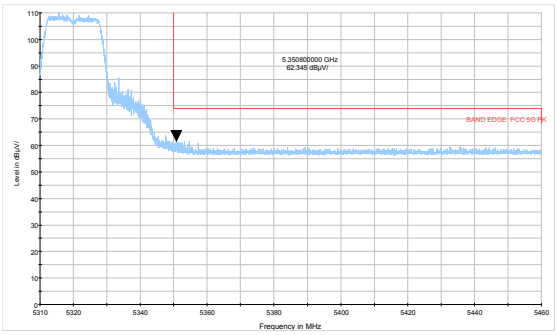


U-NII-2A

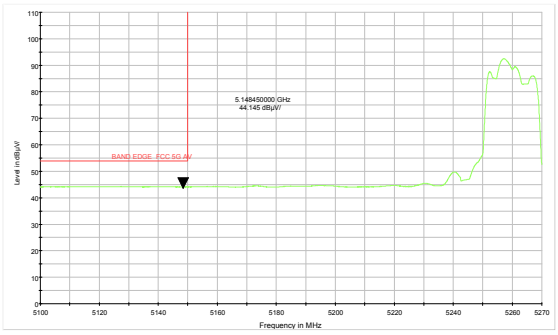
802.11a-Channel 52: Peak



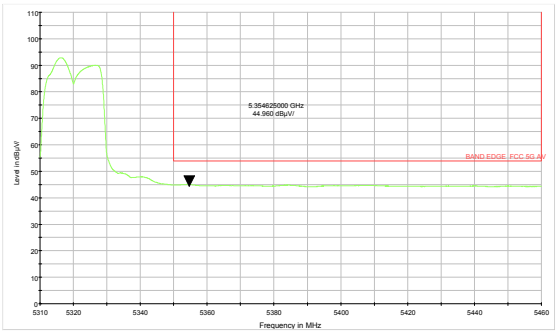
802.11a-Channel 64: Peak



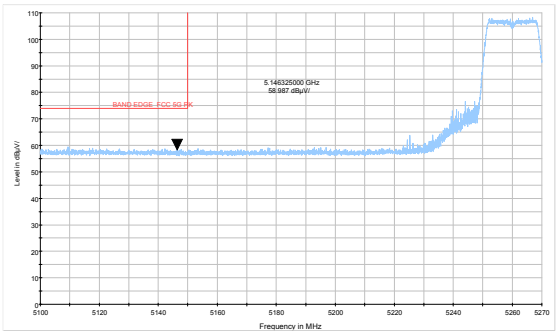
802.11a-Channel 52: Average



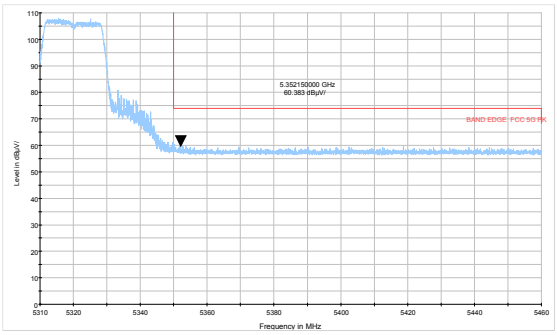
802.11a-Channel 64: Average



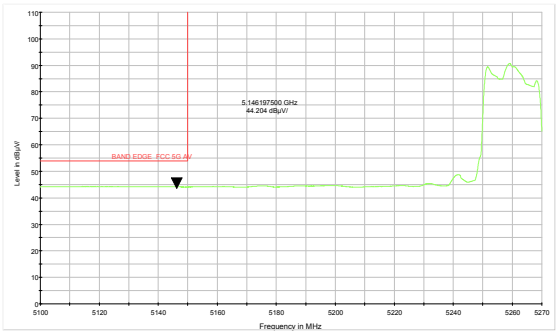
802.11n HT20-Channel 52: Peak



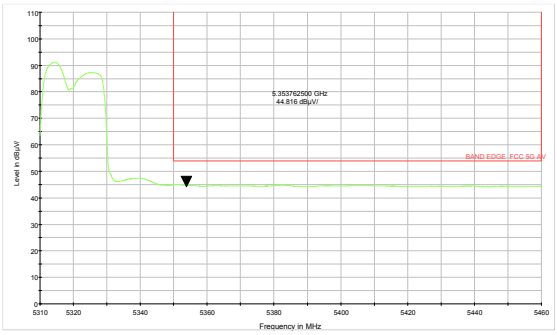
802.11n HT20-Channel 64: Peak



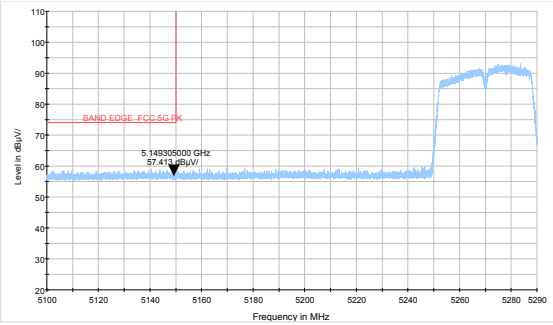
802.11n HT20-Channel 52: Average



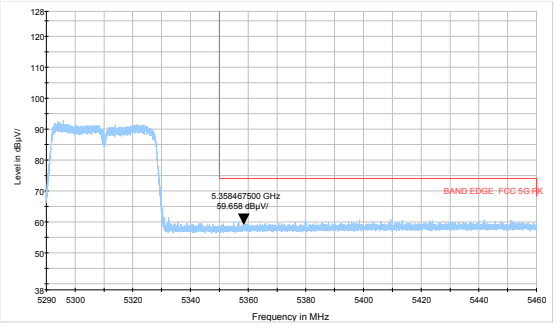
802.11n HT20-Channel 64: Average



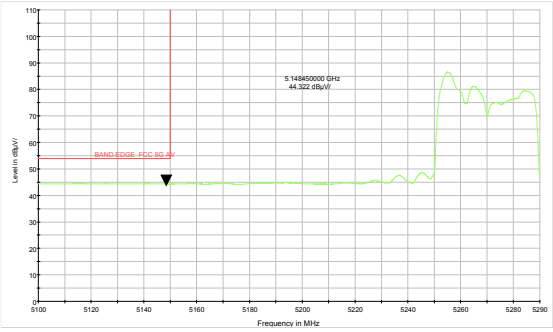
802.11n HT40-Channel 54: Peak



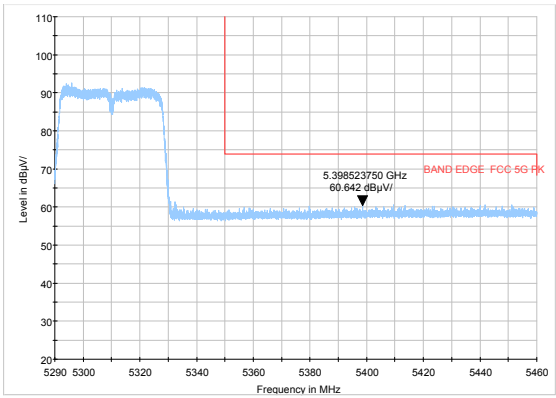
802.11n HT40-Channel 62: Peak



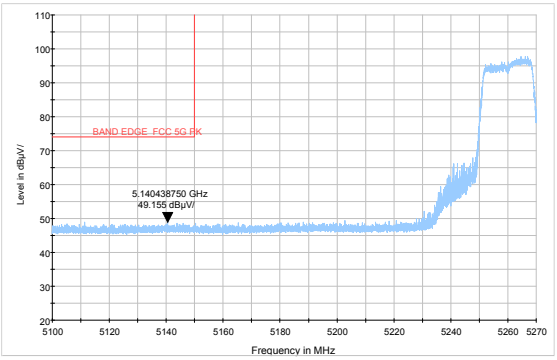
802.11n HT40-Channel 54: Average



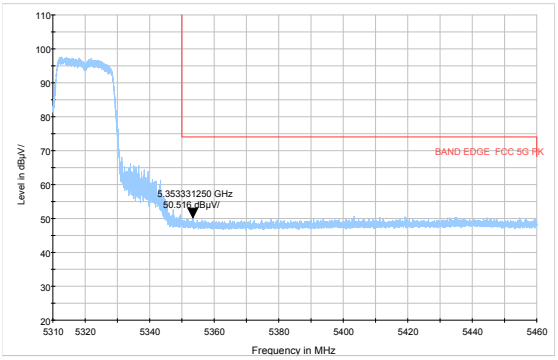
802.11n HT40-Channel 62: Average



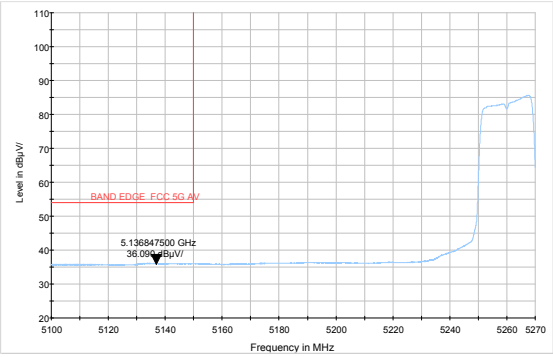
802.11ac VHT20 -Channel 52: Peak



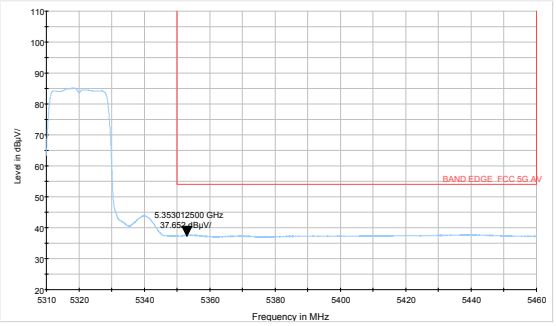
802.11ac VHT20 -Channel 64: Peak



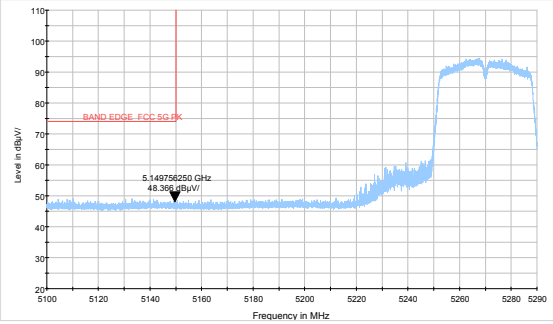
802.11ac VHT20-Channel 52: Average



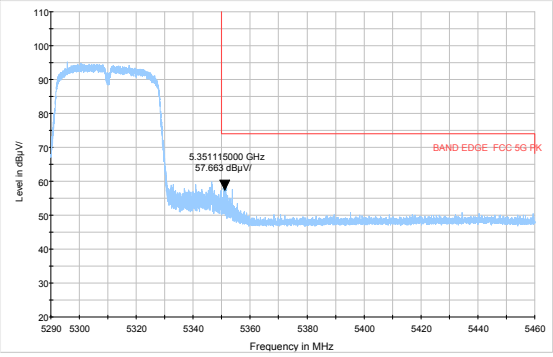
802.11ac VHT20 -Channel 64: Average



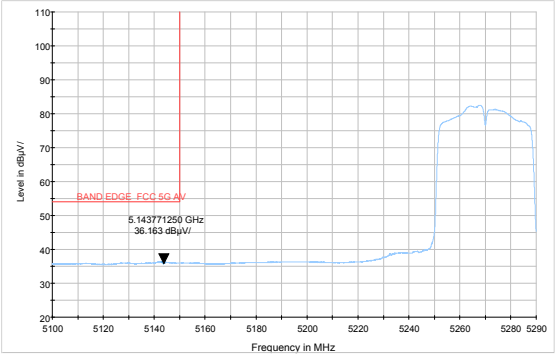
802.11ac VHT40-Channel 54: Peak



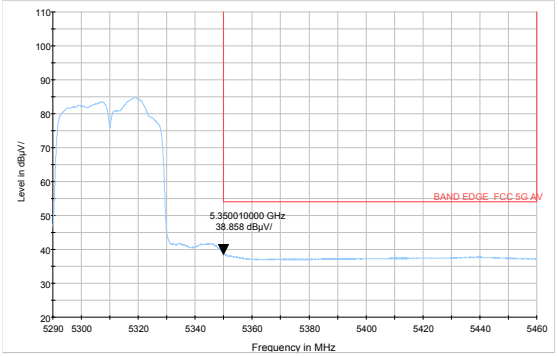
802.11ac VHT40-Channel 62: Peak



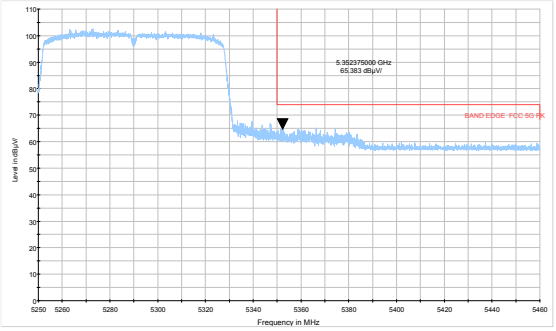
802.11ac VHT40-Channel 54: Average



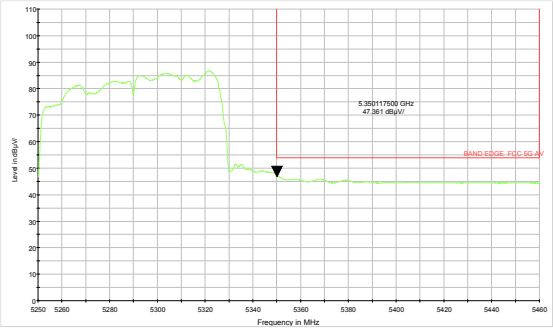
802.11ac VHT40-Channel 62: Average



802.11ac VHT80 –Channel 58: Peak

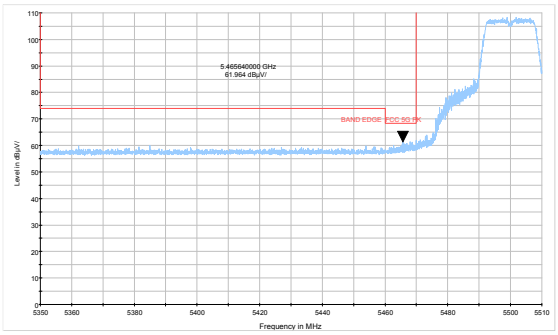


802.11ac VHT80- Channel 58: Average

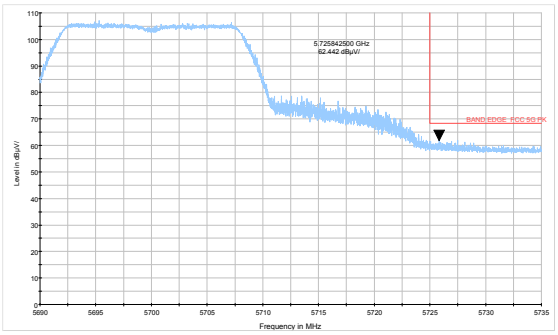


U-NII-2C

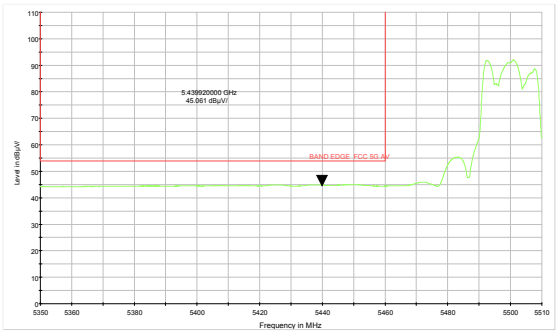
802.11a-Channel 100: Peak



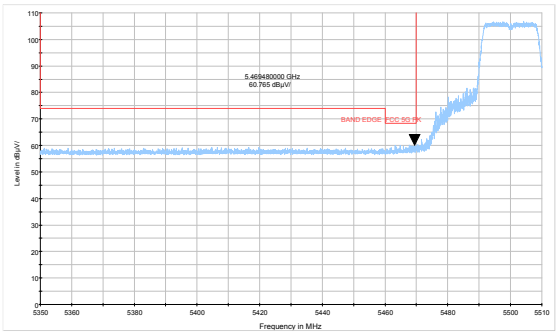
802.11a-Channel 140: Peak



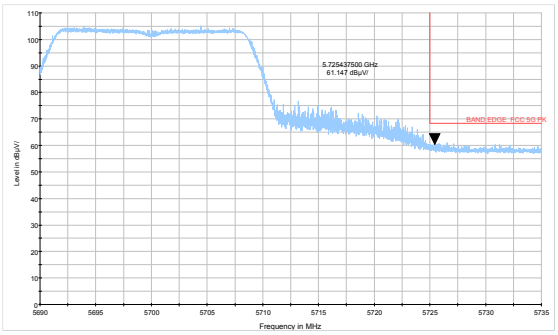
802.11a-Channel 100: Average



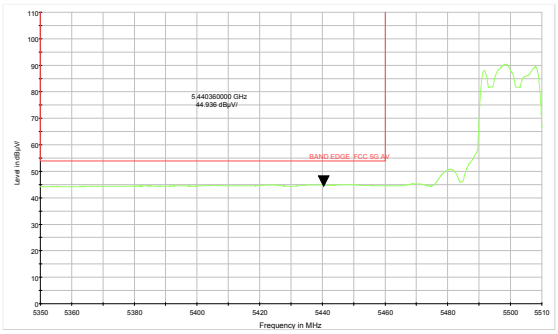
802.11n HT20-Channel 100: Peak

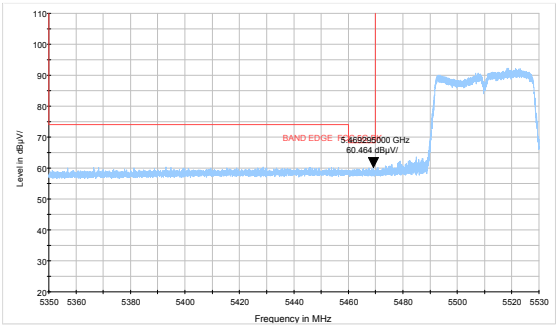
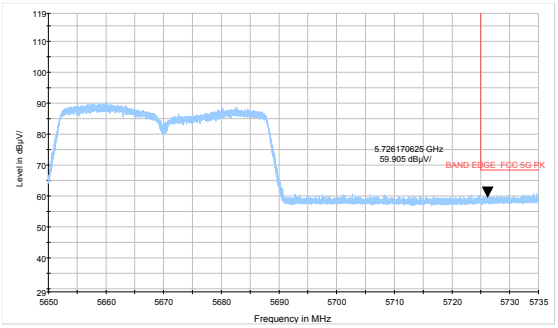
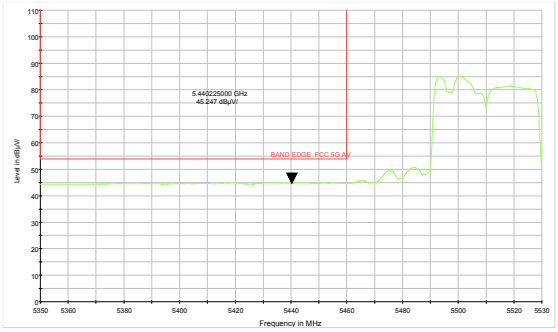


802.11n HT20-Channel 140: Peak

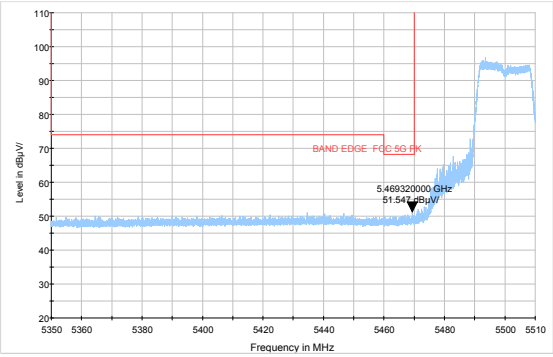


802.11n HT20-Channel 100: Average

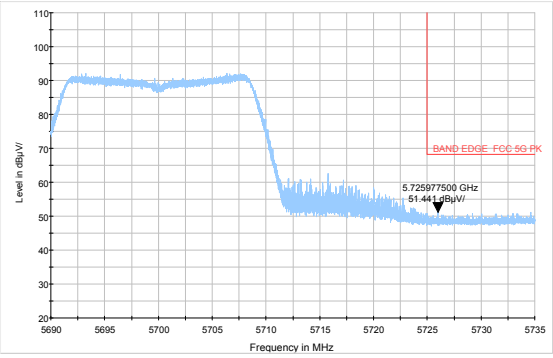


802.11n HT40-Channel 102: Peak	**802.11n HT40-Channel 134: Peak**
	
802.11n HT40-Channel 102: Average	
	

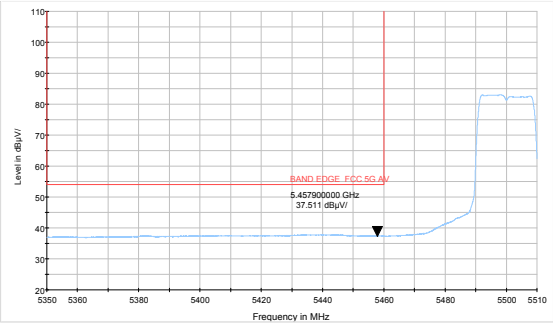
802.11ac VHT20 -Channel 100: Peak



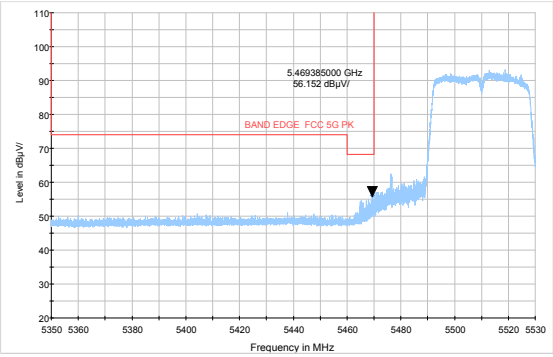
802.11ac VHT20 -Channel 140: Peak



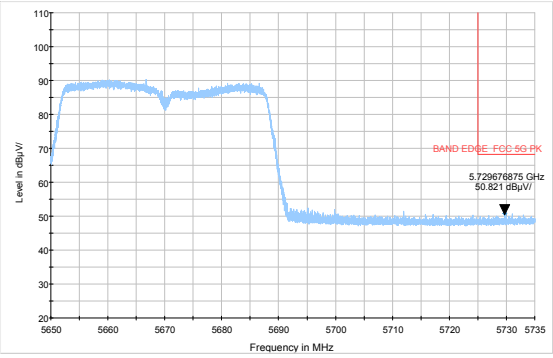
802.11ac VHT20-Channel 100: Average



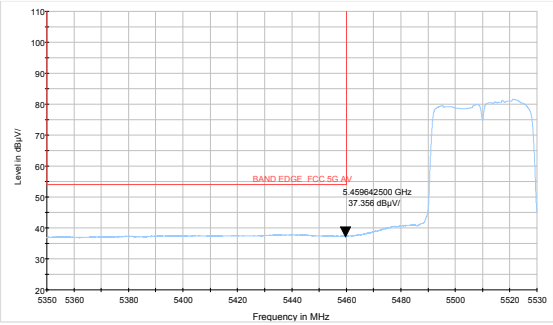
802.11ac VHT40-Channel 102: Peak



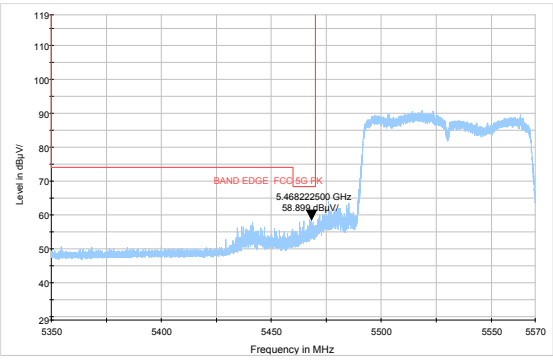
802.11ac VHT40-Channel 134: Peak



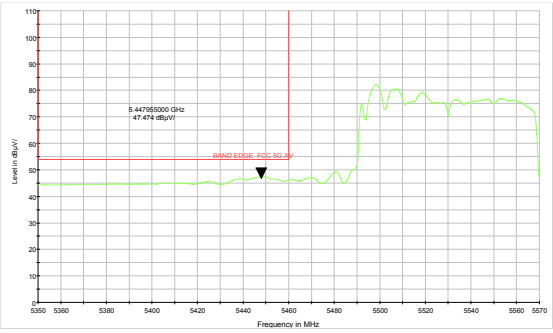
802.11ac VHT40-Channel 102: Average



802.11ac VHT80 –Channel 106: Peak

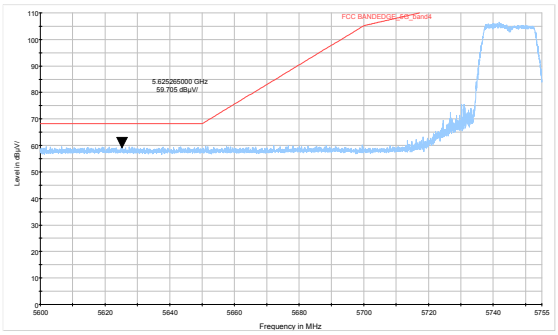


802.11ac VHT80- Channel 106: Average

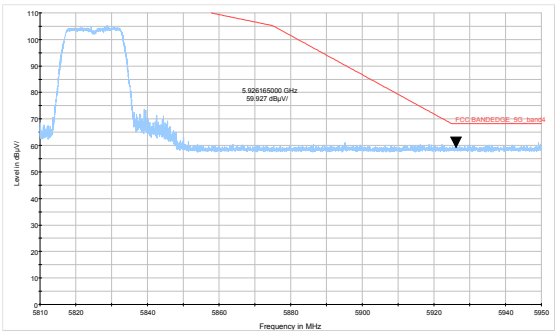


U-NII-3

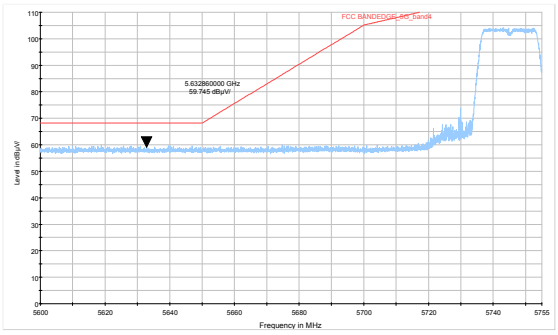
802.11a-Channel 149: Peak



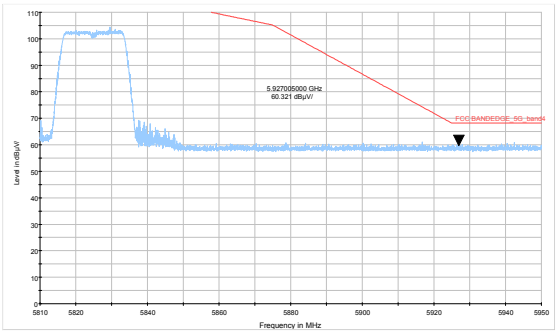
802.11a-Channel 165: Peak



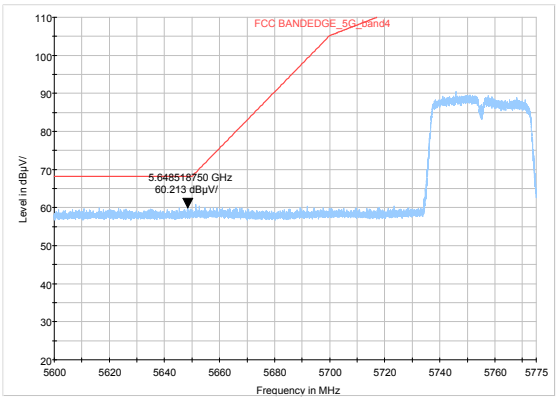
802.11n HT20-Channel 149: Peak



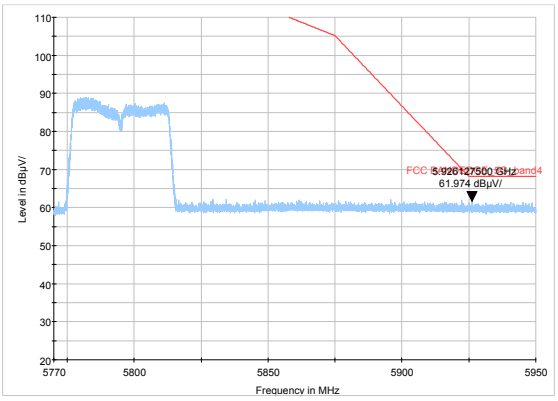
802.11n HT20-Channel 165: Peak



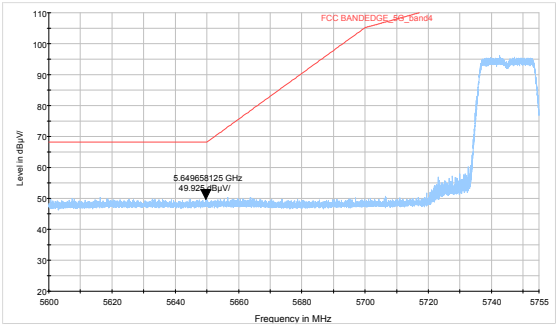
802.11n HT40-Channel 151: Peak



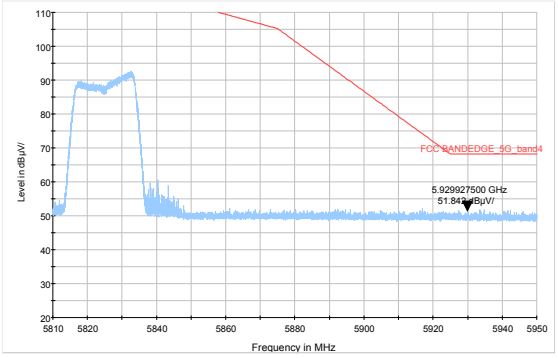
802.11n HT40-Channel 159: Peak



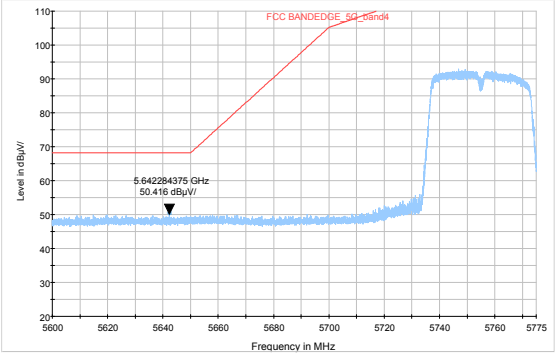
802.11ac VHT20-Channel 149: Peak



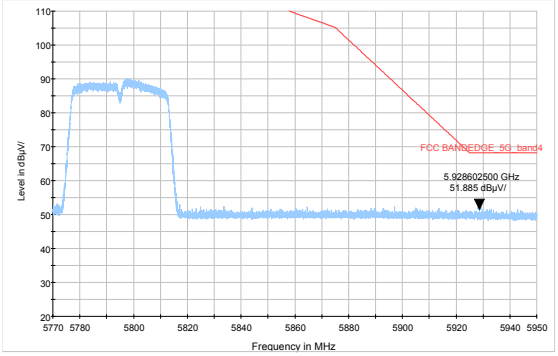
802.11ac VHT20-Channel 165: Peak



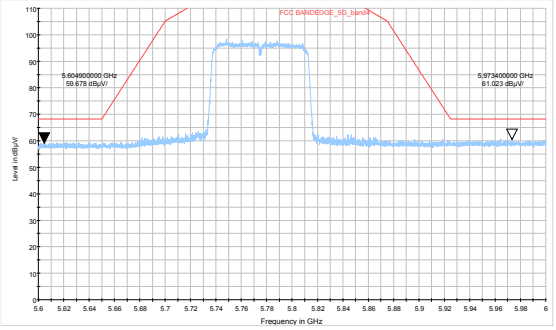
802.11ac VHT40-Channel 151: Peak



802.11ac VHT40-Channel 159: Peak



802.11ac VHT80- Channel 155: Peak



Result of RE

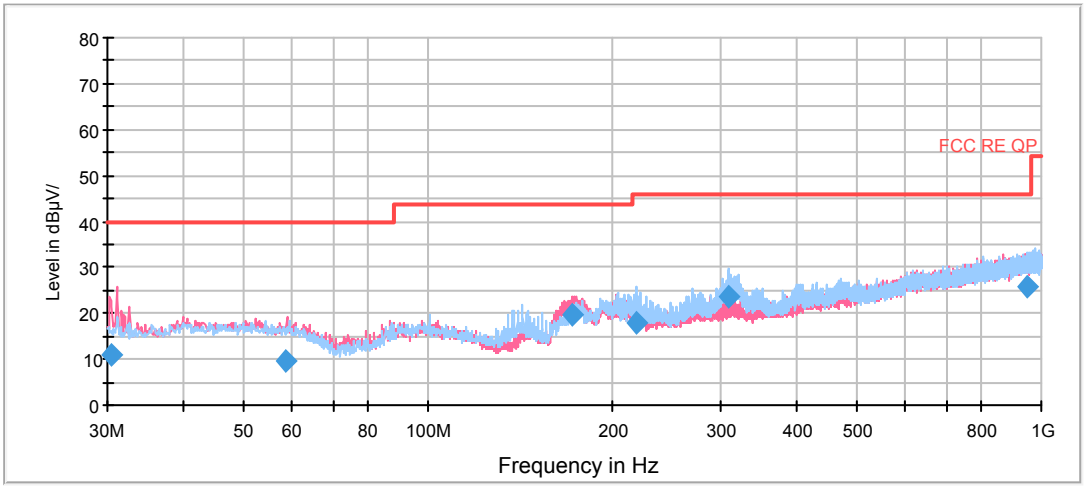
Test result

Sweep the whole frequency band through the range from 9kHz to the 10th harmonic of the carrier, the emissions in the frequency band 9kHz-30MHz and 26.5GHz-40GHz are more than 20dB below the limit are not reported.

During the test, the Radiates Emission from 30MHz to 1GHz was performed in all modes with all channels, 802.11a, Channel 157 are selected as the worst condition. The test data of the worst-case condition was recorded in this report.

Continuous TX mode:

FCC RE 0.03-1GHz QP Class B



Radiates Emission from 30MHz to 1GHz

Frequency (MHz)	Quasi-Peak (dBuV/m)	Reading value (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
30.491250	11.0	-1.1	111.0	V	57.0	12.1	29.0	40.0
58.457500	9.8	-2.9	125.0	V	105.0	12.7	30.2	40.0
171.663750	19.9	9.4	100.0	V	257.0	10.5	23.6	43.5
219.151250	17.8	4.6	100.0	H	338.0	13.2	28.2	46.0
309.366250	23.8	7.8	100.0	H	277.0	16.0	22.2	46.0
947.013750	26.0	-1.2	114.0	H	90.0	27.2	20.0	46.0

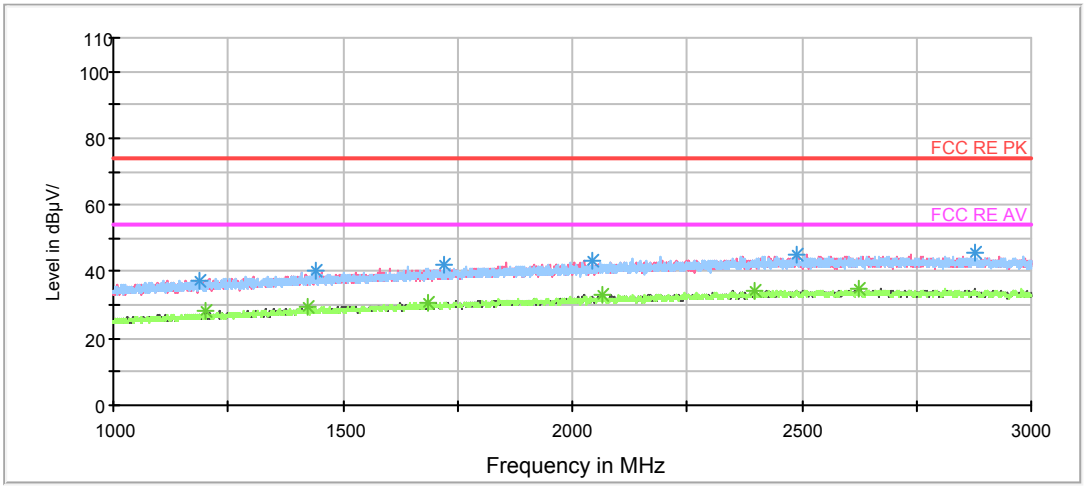
Remark: 1. Quasi-Peak = Reading value + Correction factor

2. Correction Factor = Antenna factor+ Insertion loss(cable loss+amplifier gain)

3. Margin = Limit – Quasi-Peak

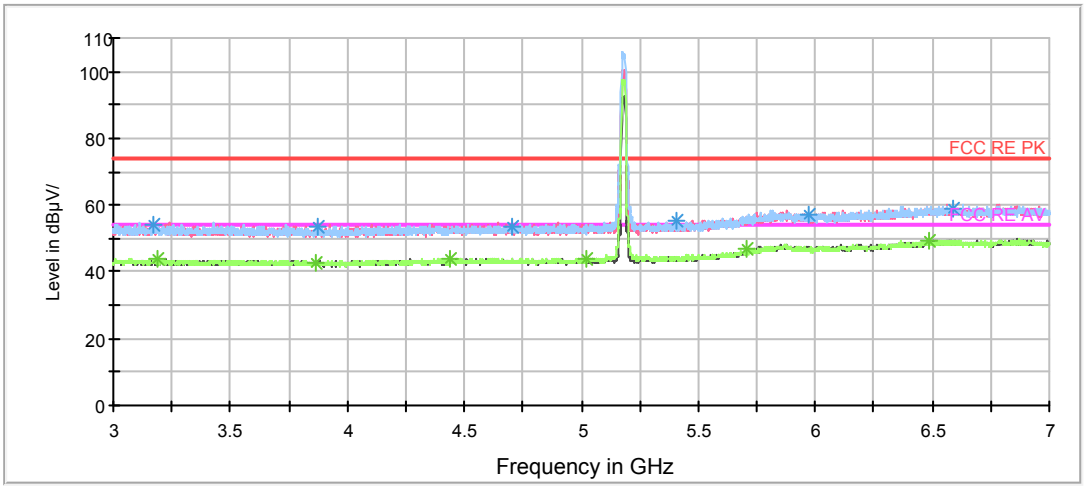
802.11a CH36

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

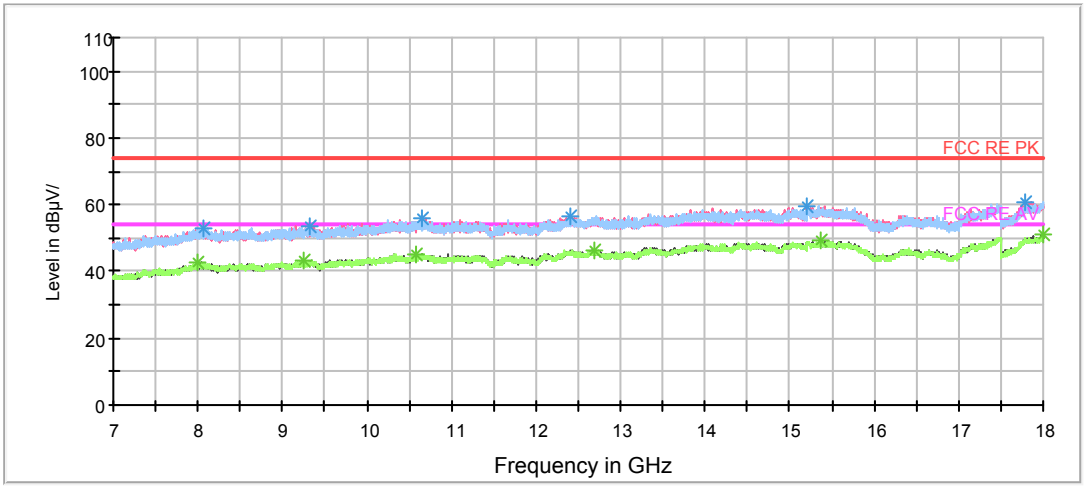
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3175.000000	54.0	200.0	V	4.0	44.2	9.8	20.0	74
3872.500000	53.5	100.0	H	0.0	43.0	10.5	20.5	74
4704.250000	53.8	200.0	V	4.0	42.2	11.6	20.2	74
5409.250000	55.6	200.0	H	358.0	43.3	12.3	18.4	74
5968.000000	57.2	100.0	H	1.0	42.1	15.1	16.8	74
6585.250000	59.0	100.0	H	2.0	41.6	17.4	15.0	74

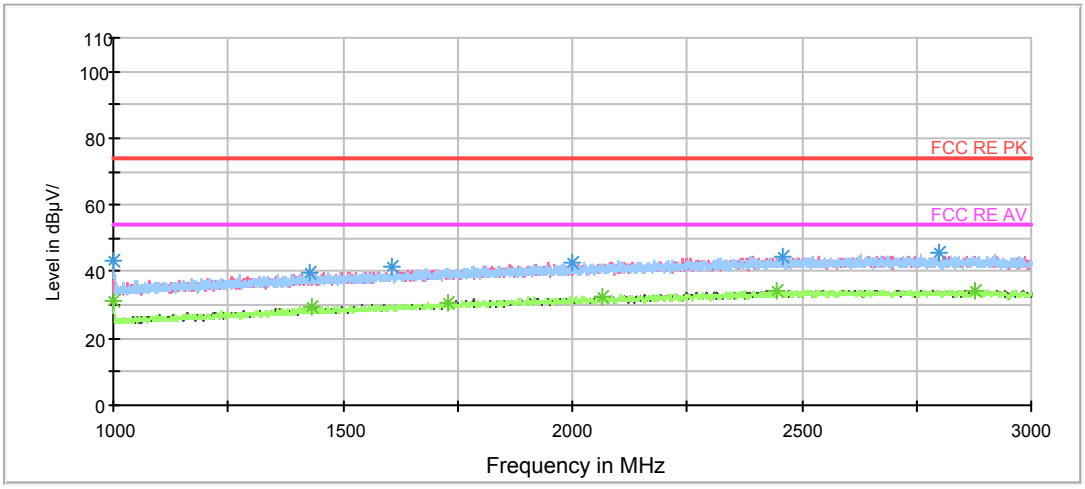
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3185.500000	43.7	100.0	V	68.0	34.0	9.7	10.3	54
3863.500000	43.0	100.0	H	50.0	32.6	10.4	11.0	54
4436.500000	43.8	100.0	V	357.0	32.2	11.6	10.2	54
5019.250000	43.8	100.0	V	0.0	32.1	11.7	10.2	54
5710.000000	46.7	200.0	H	73.0	32.3	14.4	7.3	54
6485.500000	49.0	100.0	H	253.0	31.8	17.2	5.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

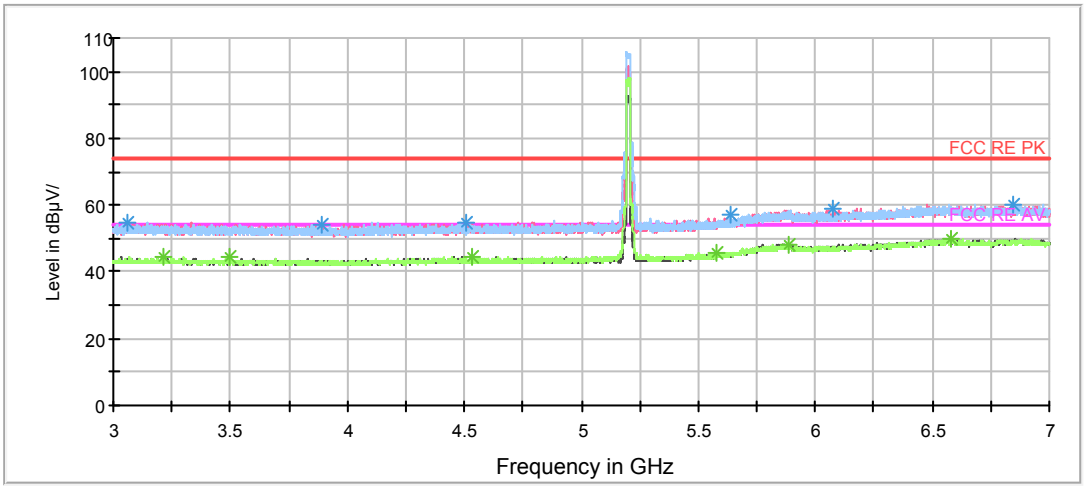
802.11a CH40

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

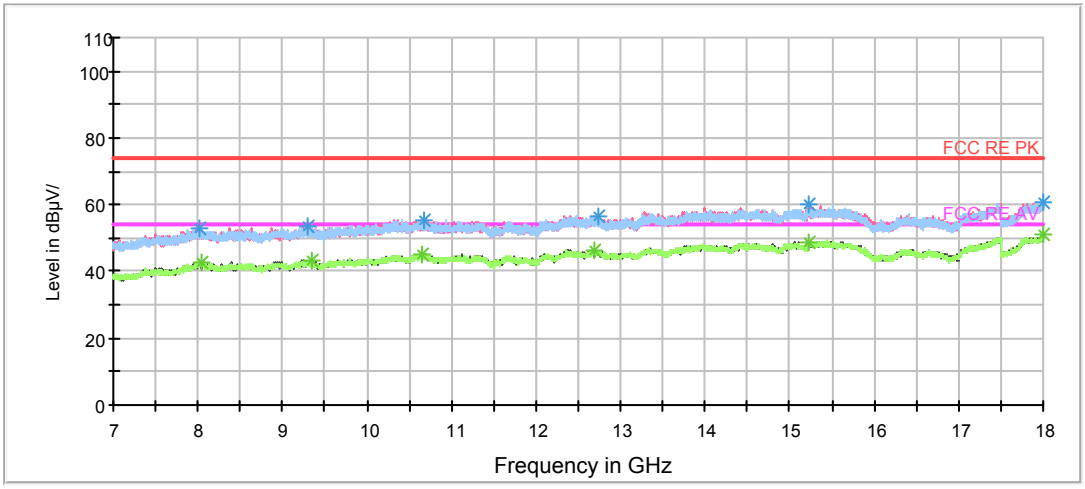
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3056.500000	55.0	200.0	V	0.0	45.3	9.7	19.0	74
3888.000000	53.9	100.0	V	173.0	43.4	10.5	20.1	74
4505.500000	54.6	200.0	H	0.0	43.0	11.6	19.4	74
5634.500000	56.8	200.0	H	0.0	43.3	13.5	17.2	74
6078.000000	59.0	100.0	H	208.0	43.8	15.2	15.0	74
6843.000000	60.4	200.0	H	68.0	43.1	17.3	13.6	74

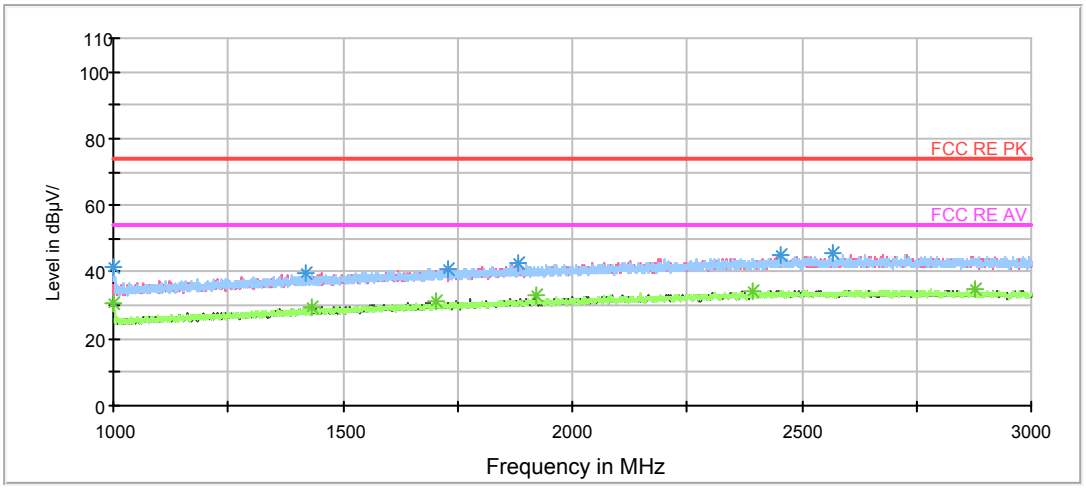
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3213.000000	44.4	200.0	H	345.0	34.5	9.9	9.6	54
3494.500000	44.2	100.0	H	4.0	34.1	10.1	9.8	54
4536.500000	44.3	200.0	H	345.0	32.6	11.7	9.7	54
5577.000000	45.5	200.0	V	0.0	32.3	13.2	8.5	54
5883.000000	48.2	100.0	H	72.0	32.5	15.7	5.8	54
6583.500000	49.8	100.0	H	0.0	32.4	17.4	4.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

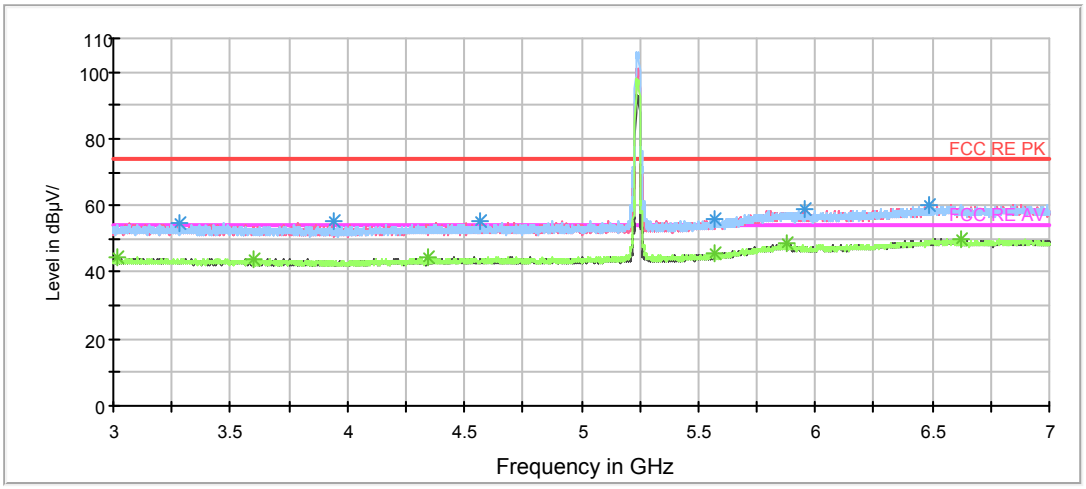
802.11a CH48

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

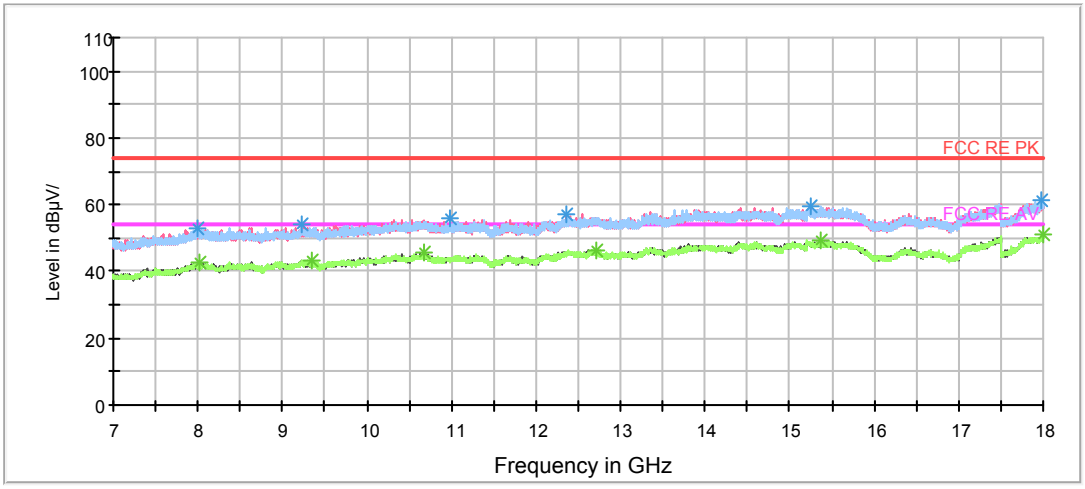
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3278.500000	55.0	200.0	V	187.0	45.2	9.8	19.0	74
3945.500000	55.0	100.0	V	349.0	44.6	10.4	19.0	74
4569.500000	55.1	200.0	H	349.0	43.5	11.6	18.9	74
5958.000000	58.7	200.0	V	30.0	43.5	15.2	15.3	74
5569.000000	55.8	100.0	V	198.0	42.7	13.1	18.2	74
8006.500000	52.8	200.0	V	112.0	42.8	10.0	21.2	74

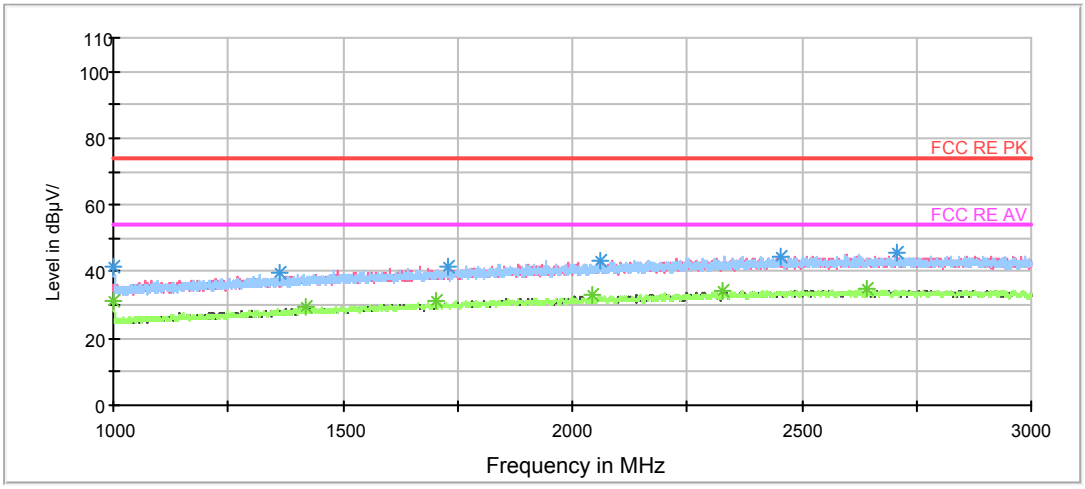
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3017.000000	44.2	200.0	H	0.0	34.5	9.7	9.8	54
3601.500000	44.0	200.0	H	349.0	33.9	10.1	10.0	54
4343.000000	44.6	200.0	H	357.0	33.2	11.4	9.4	54
5879.500000	48.4	100.0	H	150.0	32.6	15.8	5.6	54
5571.500000	45.5	100.0	V	357.0	32.4	13.1	8.5	54
8007.875000	42.6	100	H	0	32.6	10.0	11.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

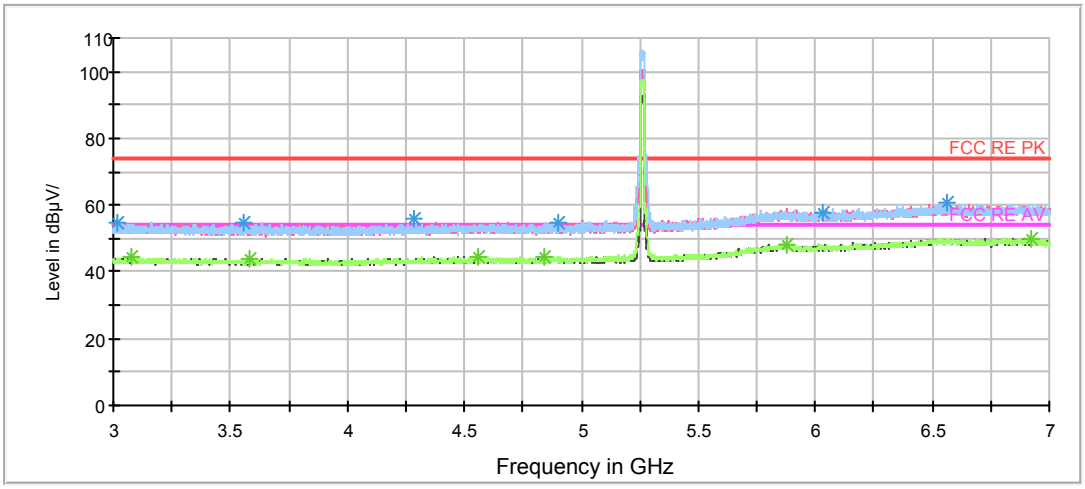
802.11a CH52

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

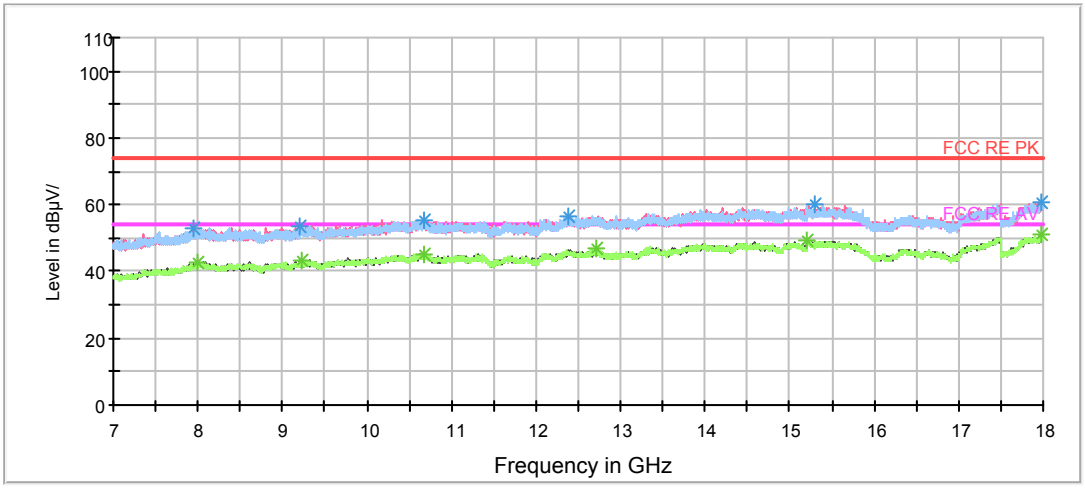
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3014.000000	54.9	100.0	H	30.0	45.2	9.7	19.1	74
3559.000000	54.9	200.0	H	226.0	44.8	10.1	19.1	74
4288.000000	55.7	100.0	H	352.0	44.5	11.2	18.3	74
6561.500000	60.7	100.0	V	135.0	43.4	17.3	13.3	74
4904.000000	54.7	200.0	H	351.0	43.0	11.7	19.3	74
6029.000000	57.9	100.0	V	122.0	42.5	15.4	16.1	74

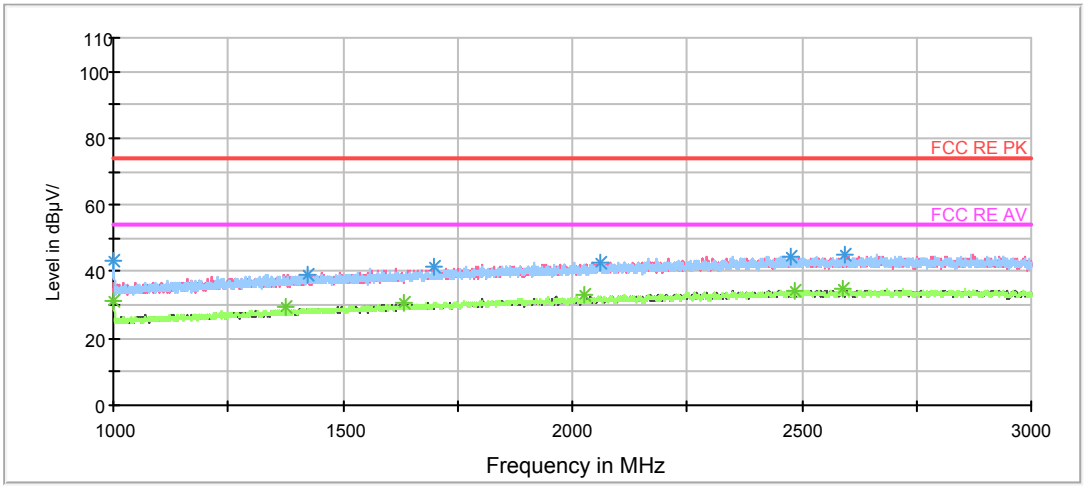
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3076.000000	44.3	100.0	H	0.0	34.6	9.7	9.7	54
3582.000000	44.0	200.0	H	210.0	33.7	10.3	10.0	54
4558.500000	44.3	200.0	V	76.0	32.7	11.6	9.7	54
6922.000000	49.9	100.0	V	330.0	32.6	17.3	4.1	54
4837.500000	44.3	100.0	V	135.0	32.5	11.8	9.7	54
5876.500000	48.1	100.0	V	349.0	32.3	15.8	5.9	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

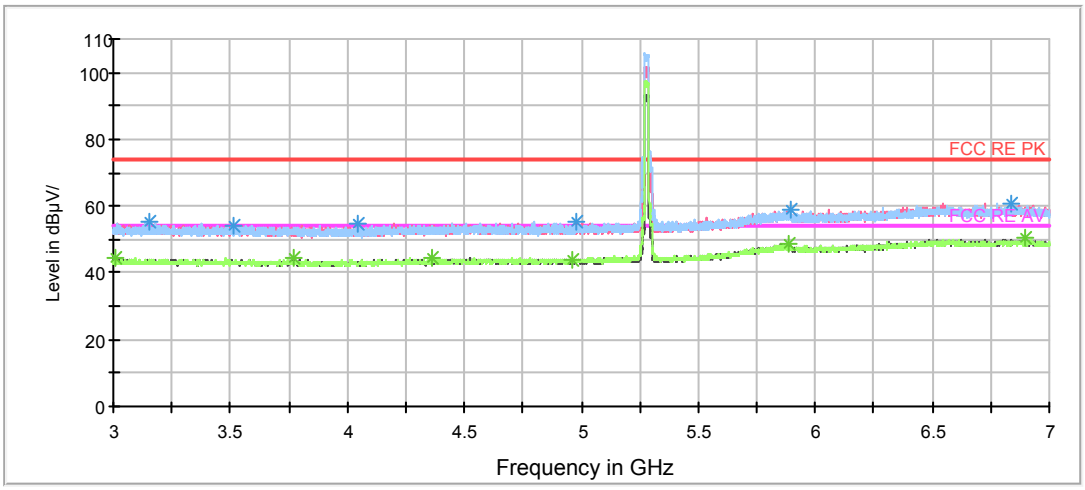
802.11a CH56

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

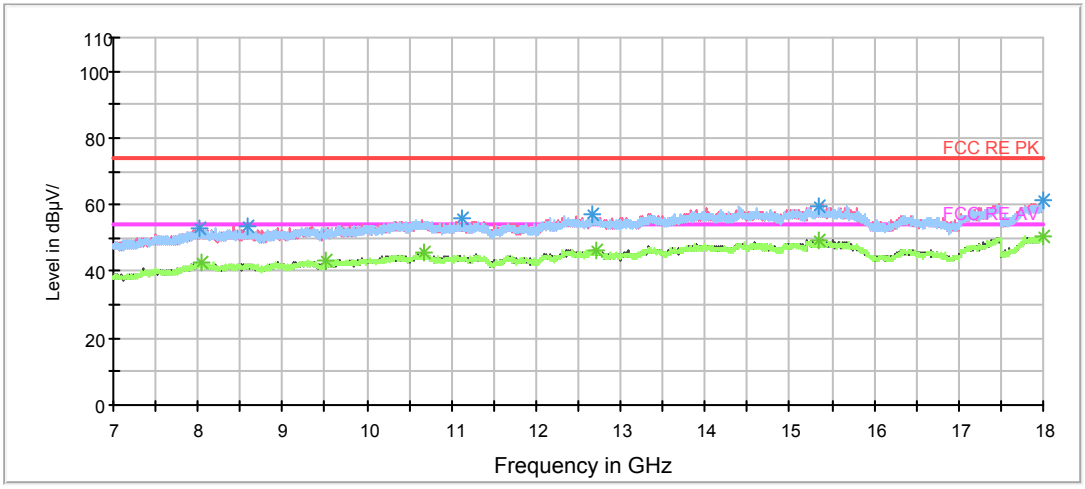
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3153.500000	55.5	100.0	H	307.0	45.8	9.7	18.5	74
3513.500000	54.4	100.0	H	39.0	44.3	10.1	19.6	74
4044.500000	54.6	100.0	H	100.0	44.0	10.6	19.4	74
4981.000000	55.0	200.0	V	2.0	43.3	11.7	19.0	74
5898.500000	59.0	200.0	V	0.0	43.6	15.4	15.0	74
8013.375000	53.2	100.0	H	99.0	43.2	10.0	20.8	74

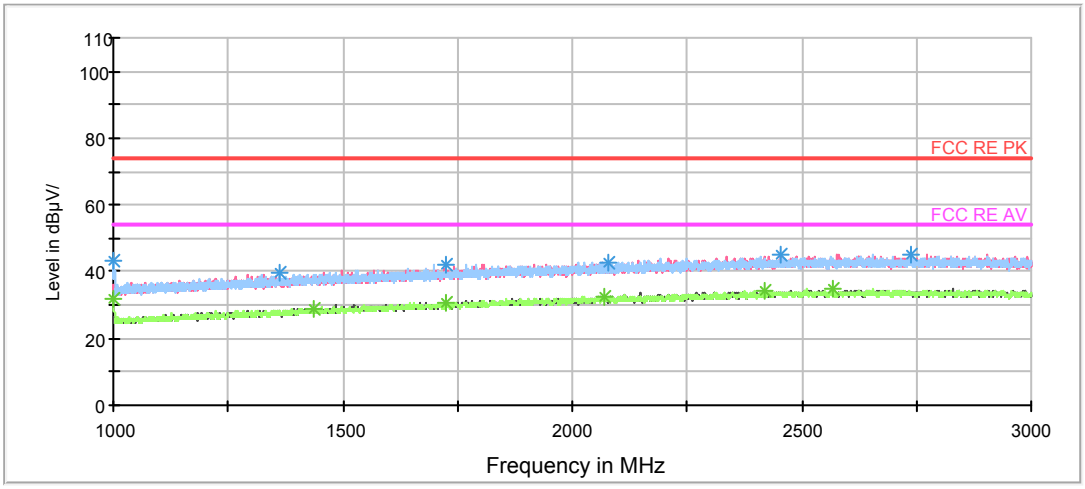
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3011.500000	44.3	200.0	V	306.0	34.6	9.7	9.7	54
3768.500000	44.2	200.0	V	199.0	33.7	10.5	9.8	54
4361.500000	44.3	100.0	V	235.0	32.9	11.4	9.7	54
4957.500000	44.1	200.0	V	5.0	32.5	11.6	9.9	54
5886.500000	48.4	100.0	V	356.0	32.8	15.6	5.6	54
8043.625000	42.6	100.0	V	0.0	32.8	9.8	11.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

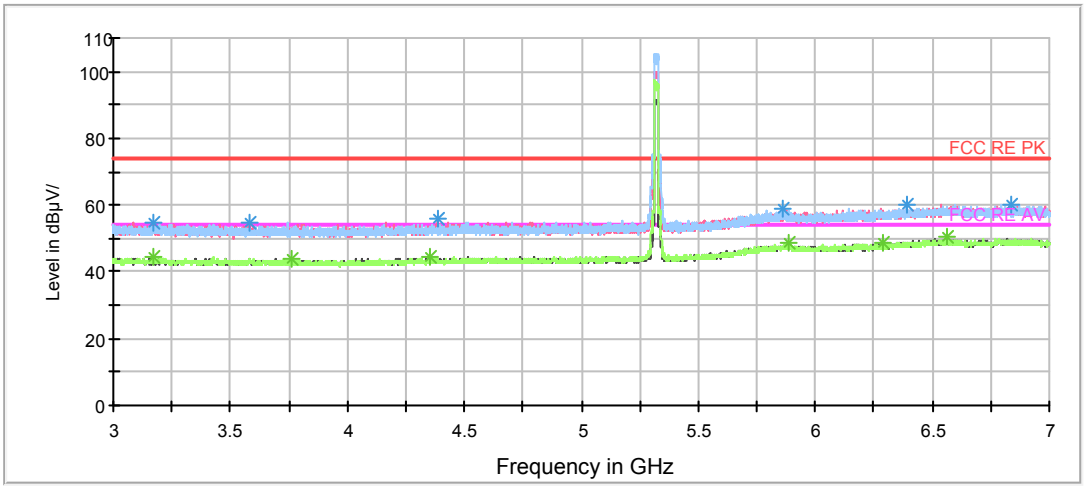
802.11a CH64

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

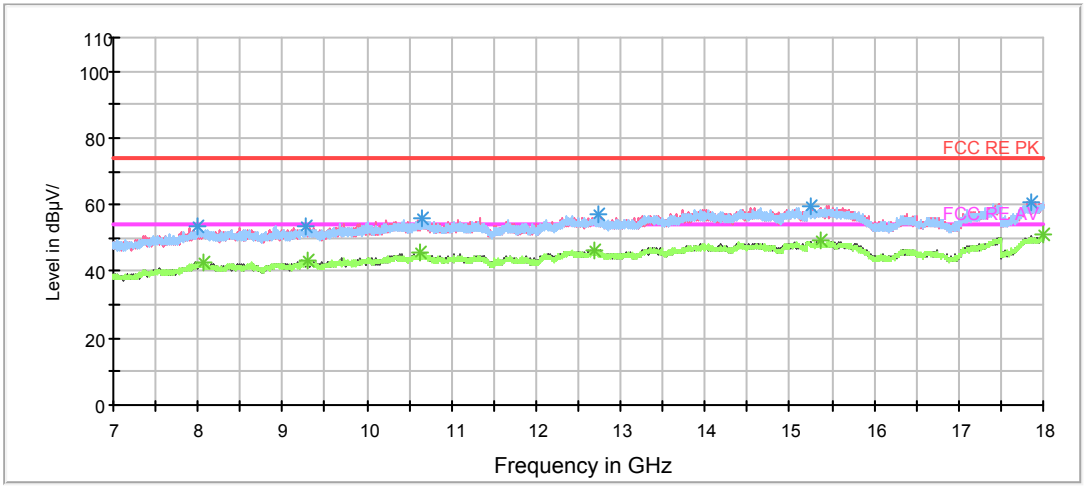
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3173.500000	54.8	200.0	V	344.0	45.0	9.8	19.2	74
3582.500000	54.6	200.0	V	95.0	44.3	10.3	19.4	74
4383.500000	56.0	200.0	V	349.0	44.6	11.4	18.0	74
5861.500000	59.1	200.0	H	0.0	43.4	15.7	14.9	74
6388.000000	59.9	200.0	H	77.0	43.2	16.7	14.1	74
7992.750000	53.5	200.0	V	3.0	43.5	10.0	20.5	74

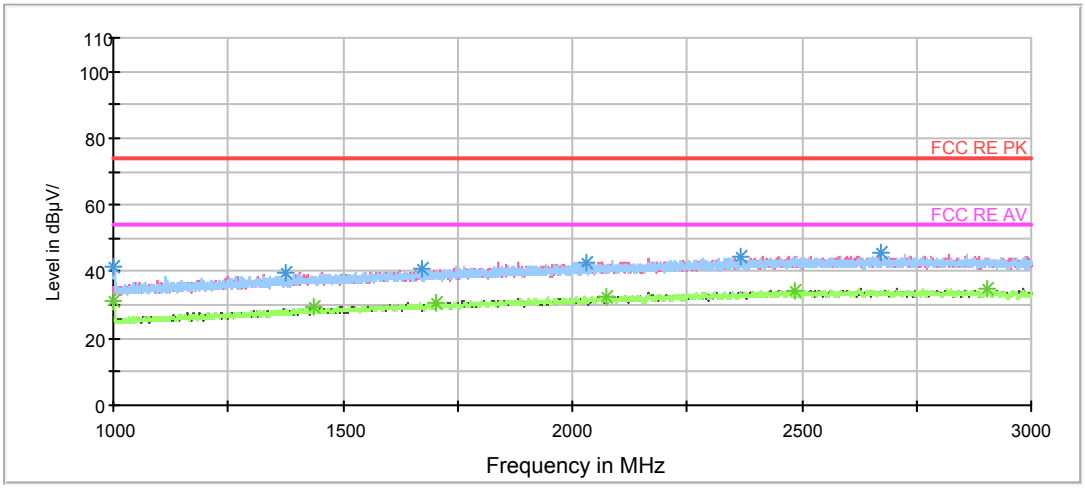
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3174.500000	44.4	200.0	H	23.0	34.6	9.8	9.6	54
3760.500000	43.9	200.0	H	5.0	33.5	10.4	10.1	54
4350.500000	44.3	200.0	H	189.0	32.9	11.4	9.7	54
5883.000000	48.7	200.0	V	248.0	33.0	15.7	5.3	54
6288.000000	49.0	200.0	H	176.0	32.9	16.1	5.0	54
8060.125000	42.6	100.0	V	102.0	32.8	9.8	11.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

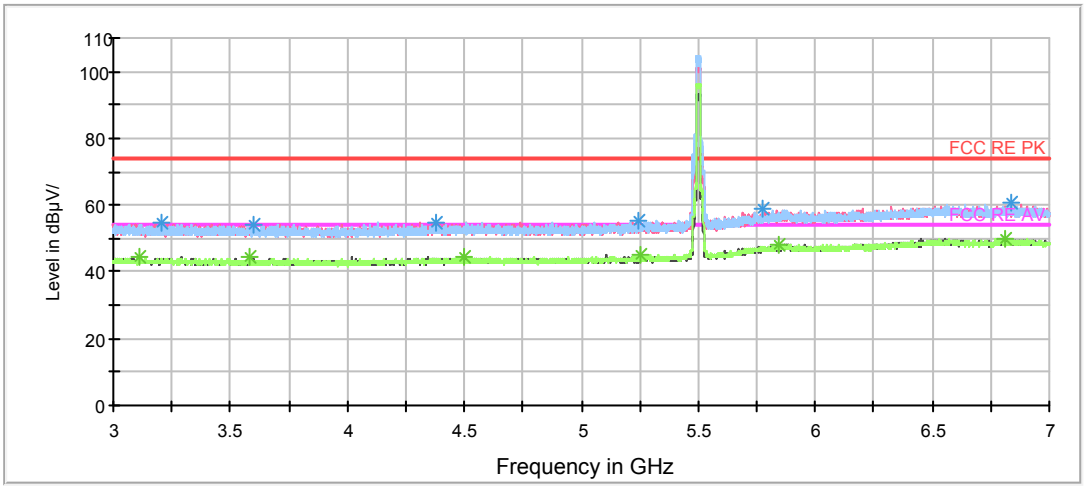
802.11a CH100

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

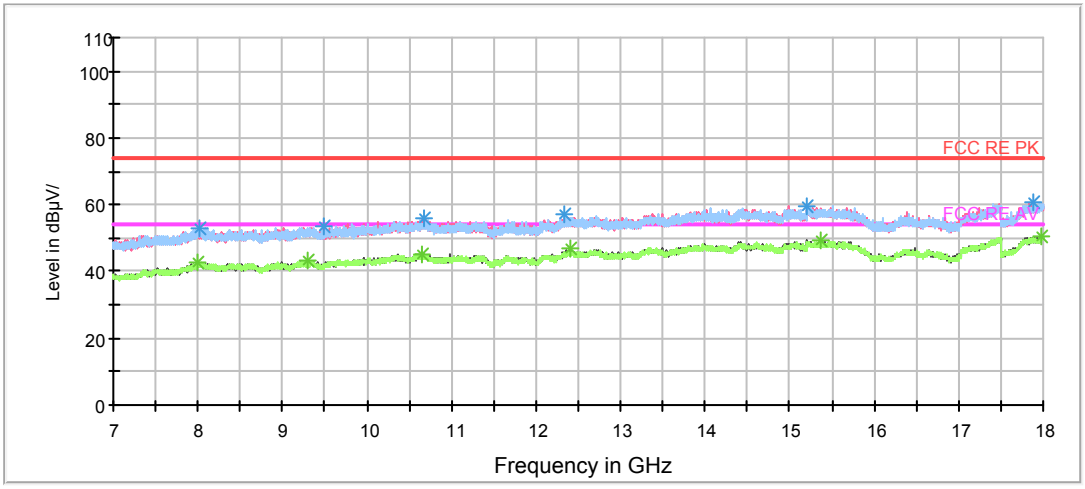
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3201.500000	54.9	200.0	H	45.0	45.1	9.8	19.1	74
3600.000000	54.0	200.0	V	235.0	43.8	10.2	20.0	74
4377.500000	54.9	200.0	V	0.0	43.6	11.3	19.1	74
5244.000000	55.2	200.0	H	0.0	43.2	12.0	18.8	74
6840.500000	60.9	200.0	H	305.0	43.6	17.3	13.1	74
5776.500000	58.7	200.0	H	68.0	43.6	15.1	15.3	74

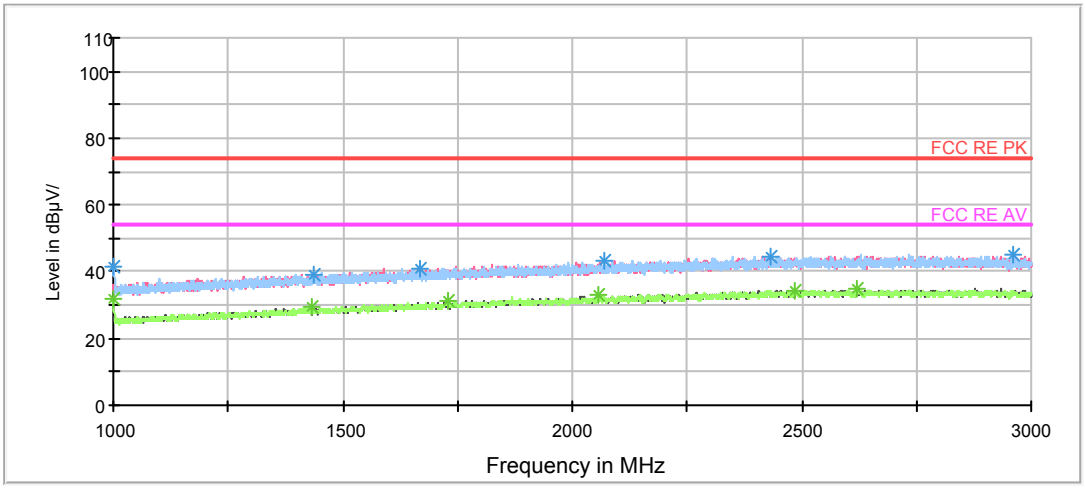
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3107.500000	44.3	200.0	H	237.0	34.6	9.7	9.7	54
3586.000000	44.7	200.0	H	19.0	34.4	10.3	9.3	54
4502.000000	44.7	200.0	V	344.0	33.1	11.6	9.3	54
5251.000000	44.8	200.0	H	13.0	32.7	12.1	9.2	54
6810.500000	49.9	200.0	V	329.0	32.6	17.3	4.1	54
5845.000000	48.4	200.0	V	198.0	32.9	15.5	5.6	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

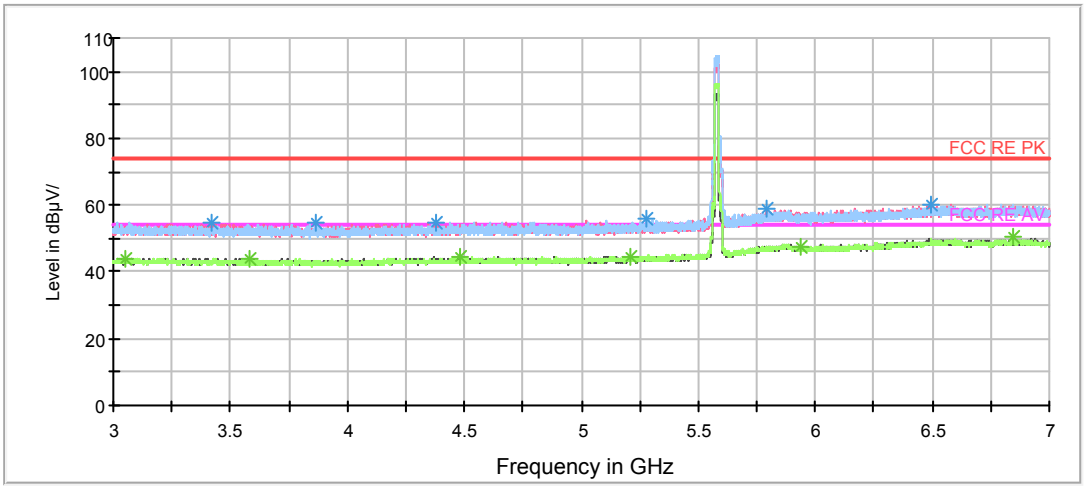
802.11a CH116

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

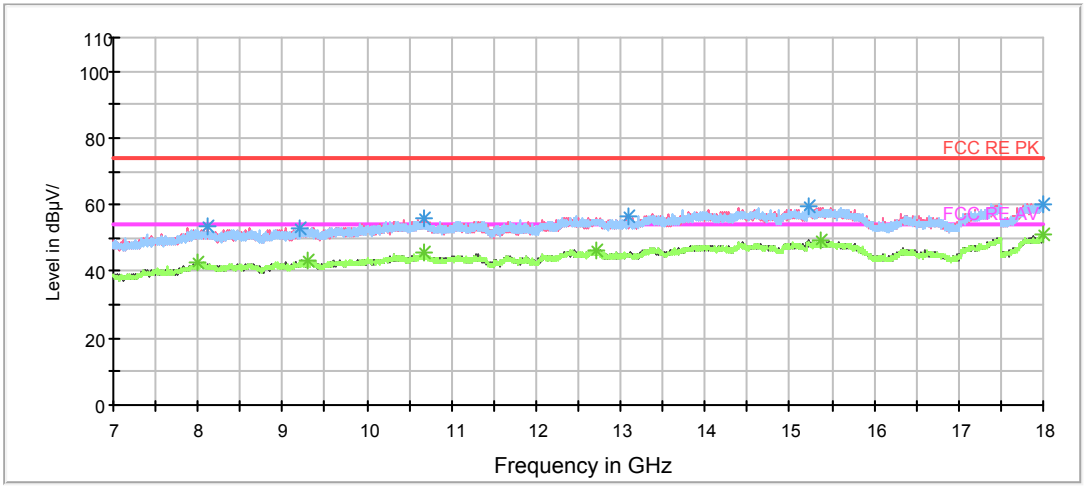
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3418.500000	55.0	200.0	V	357.0	45.1	9.9	19.0	74
3868.500000	54.6	200.0	H	0.0	44.1	10.5	19.4	74
4381.500000	54.8	200.0	V	210.0	43.4	11.4	19.2	74
5275.000000	55.8	200.0	H	278.0	43.7	12.1	18.2	74
5791.500000	59.0	200.0	V	134.0	43.8	15.2	15.0	74
8108.250000	53.2	100.0	V	236.0	43.3	9.9	20.8	74

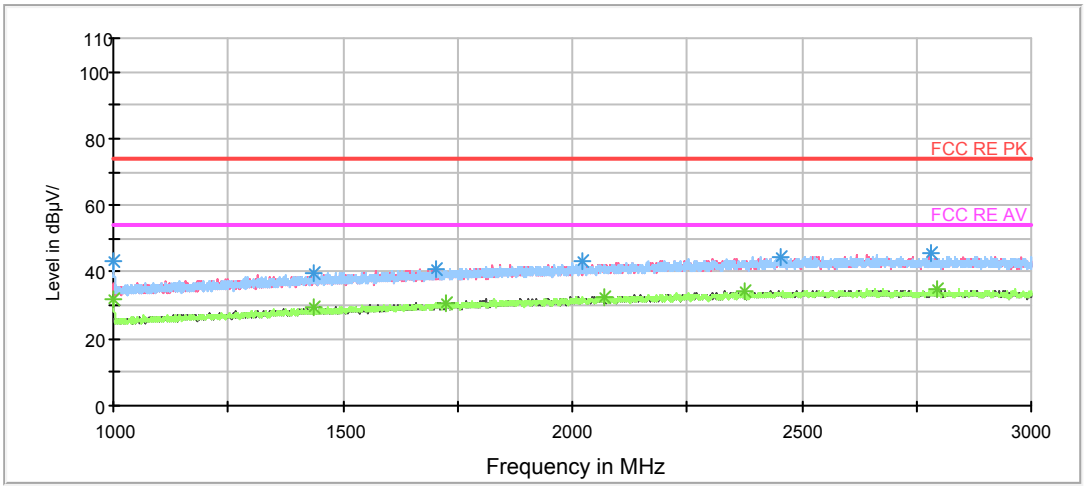
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3049.000000	44.0	200.0	H	3.0	34.4	9.6	10.0	54
3581.500000	43.9	200.0	H	251.0	33.6	10.3	10.1	54
4483.500000	44.5	200.0	V	94.0	32.9	11.6	9.5	54
5209.500000	44.7	200.0	H	0.0	32.6	12.1	9.3	54
5939.000000	47.6	200.0	V	248.0	32.3	15.3	6.4	54
8003.750000	42.8	200.0	H	101.0	32.8	10.0	11.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

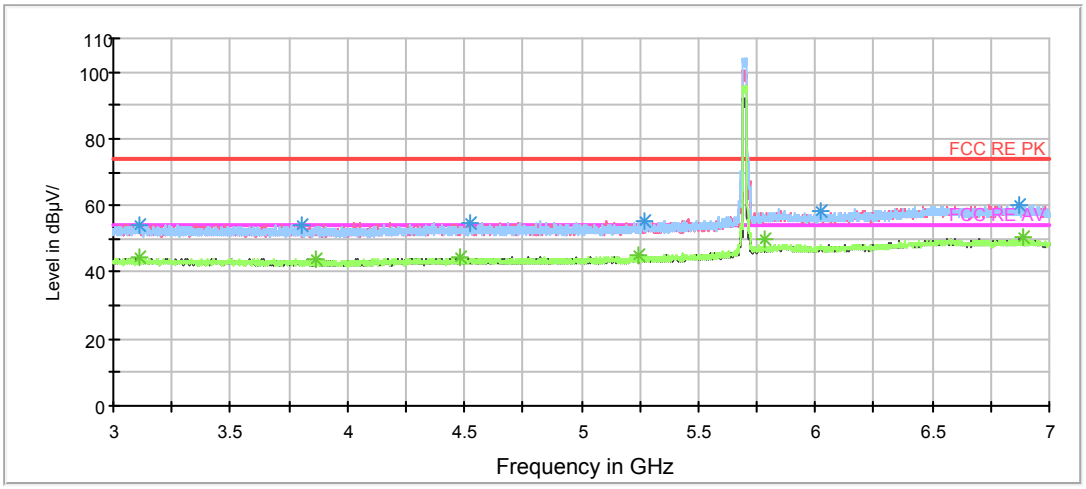
802.11a CH140

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

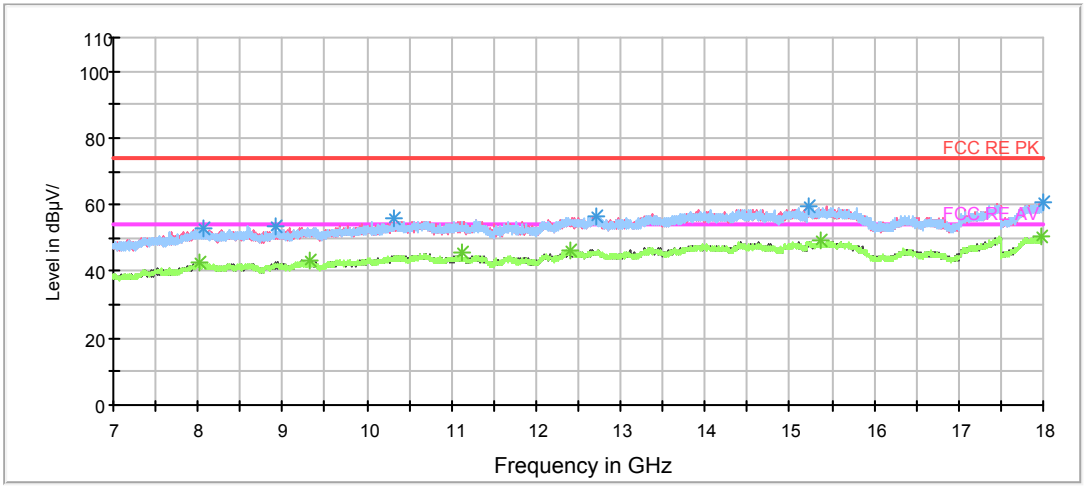
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3109.000000	54.2	200.0	V	321.0	44.5	9.7	19.8	74
3808.500000	54.3	200.0	H	124.0	44.1	10.2	19.7	74
4525.500000	54.9	200.0	H	4.0	43.3	11.6	19.1	74
5268.500000	55.4	200.0	V	321.0	43.2	12.2	18.6	74
6019.500000	58.5	200.0	H	7.0	43.1	15.4	15.5	74
8064.250000	52.9	200.0	H	290.0	43.1	9.8	21.1	74

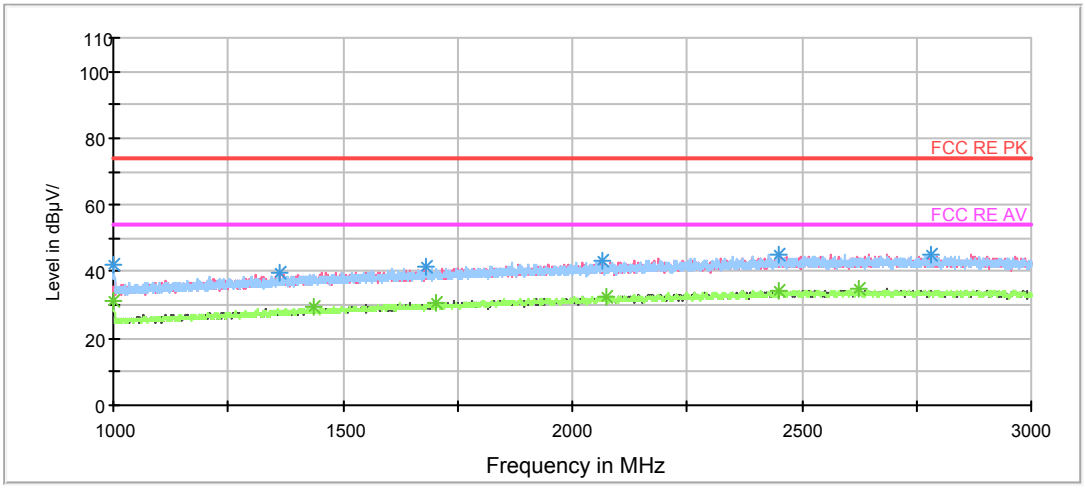
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3107.500000	44.2	200.0	V	349.0	34.5	9.7	9.8	54
3862.000000	44.0	200.0	H	148.0	33.6	10.4	10.0	54
4479.000000	44.7	200.0	V	359.0	33.1	11.6	9.3	54
5247.500000	45.1	200.0	V	3.0	33.1	12.0	8.9	54
5783.500000	49.8	200.0	H	307.0	34.6	15.2	4.2	54
8018.875000	42.5	100.0	V	237.0	32.6	9.9	11.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

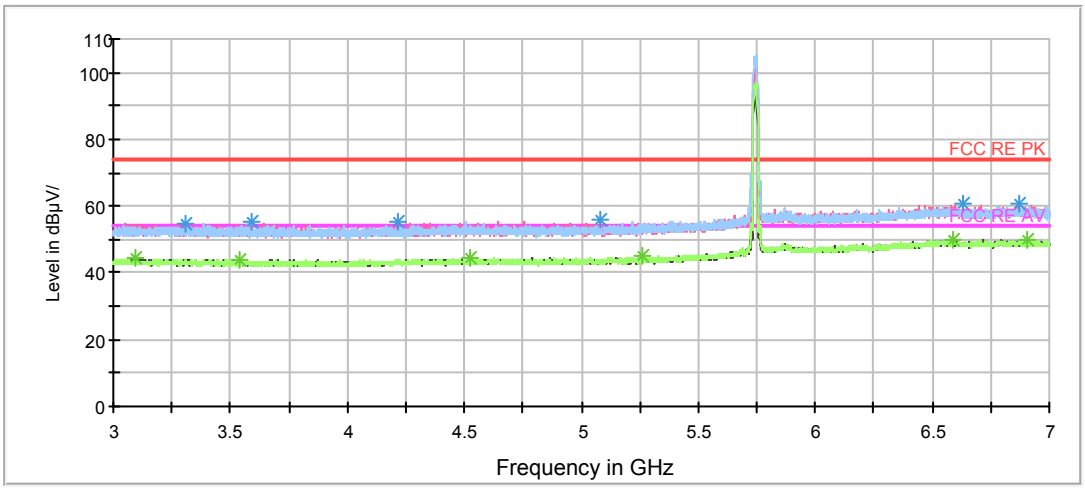
802.11a CH149

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

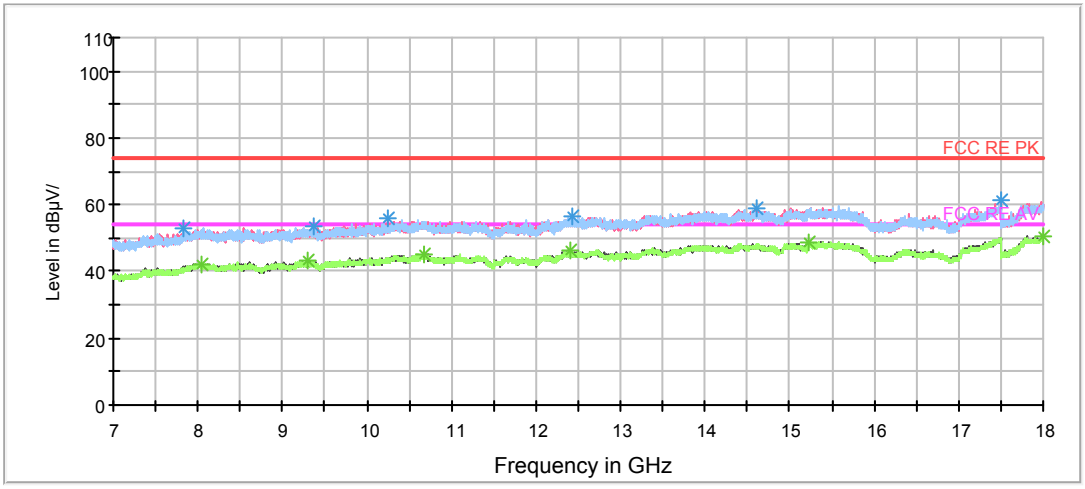
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3312.500000	54.6	200.0	H	16.0	44.7	9.9	19.4	74
3591.500000	55.3	200.0	H	5.0	45.0	10.3	18.7	74
4214.500000	55.3	200.0	V	344.0	44.1	11.2	18.7	74
5079.000000	55.6	200.0	V	0.0	43.9	11.7	18.4	74
6628.000000	60.5	200.0	V	247.0	43.3	17.2	13.5	74
6873.500000	60.5	200.0	V	355.0	43.2	17.3	13.5	74

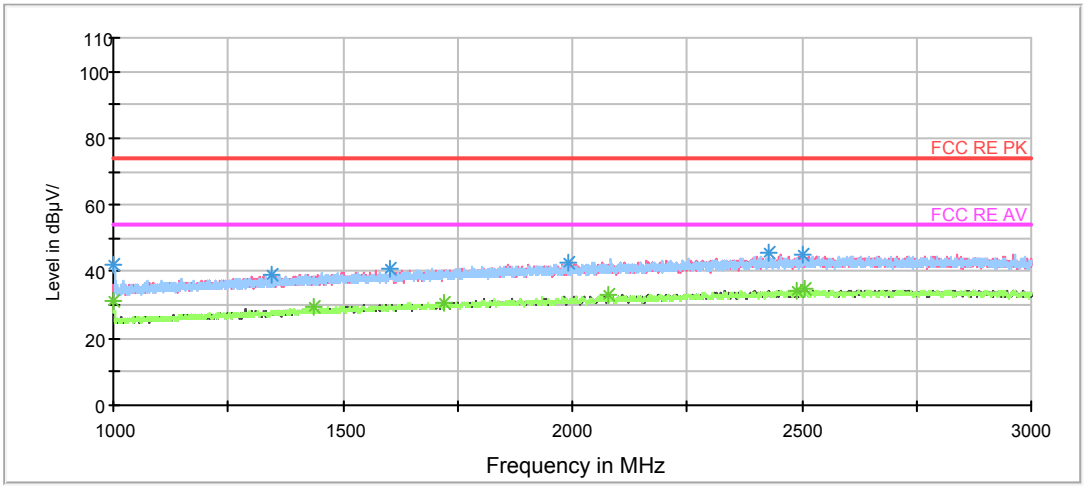
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3098.500000	44.2	200.0	H	22.0	34.5	9.7	9.8	54
3541.000000	44.2	200.0	H	16.0	34.1	10.1	9.8	54
4528.000000	44.2	200.0	H	100.0	32.5	11.7	9.8	54
5258.000000	44.9	200.0	V	235.0	32.8	12.1	9.1	54
6587.500000	49.9	200.0	H	5.0	32.4	17.5	4.1	54
6907.500000	49.8	200.0	V	108.0	32.5	17.3	4.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

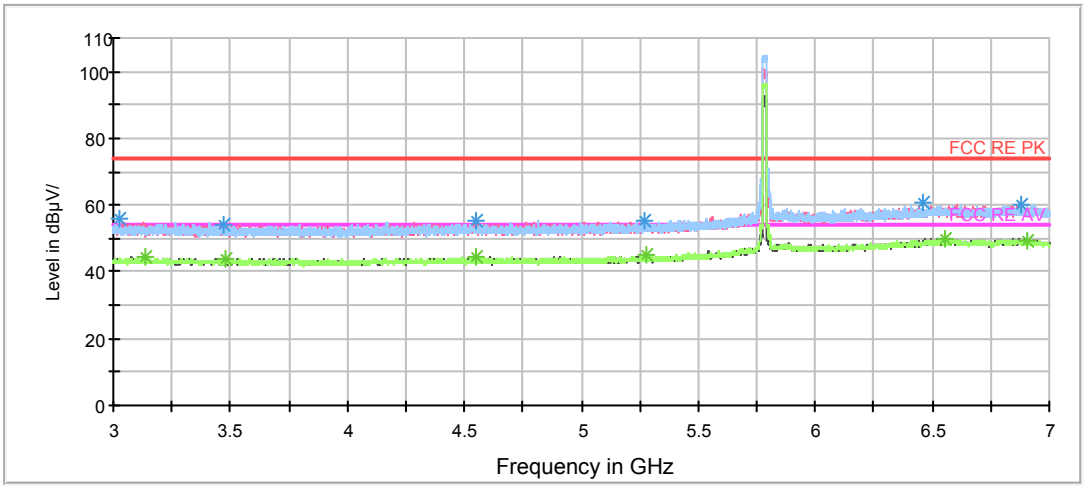
802.11a CH157

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

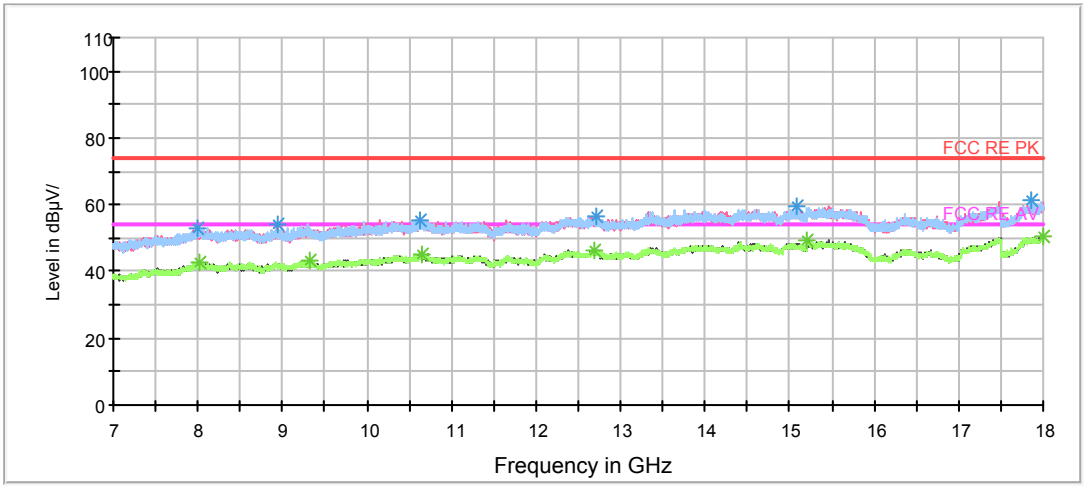
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3028.000000	55.6	200.0	H	108.0	45.9	9.7	18.4	74
3468.000000	54.0	200.0	V	173.0	44.0	10.0	20.0	74
4547.500000	55.4	200.0	H	132.0	43.8	11.6	18.6	74
5267.500000	55.1	200.0	H	59.0	42.9	12.2	18.9	74
6464.000000	60.4	200.0	V	338.0	43.5	16.9	13.6	74
6878.500000	60.3	200.0	H	9.0	43.0	17.3	13.7	74

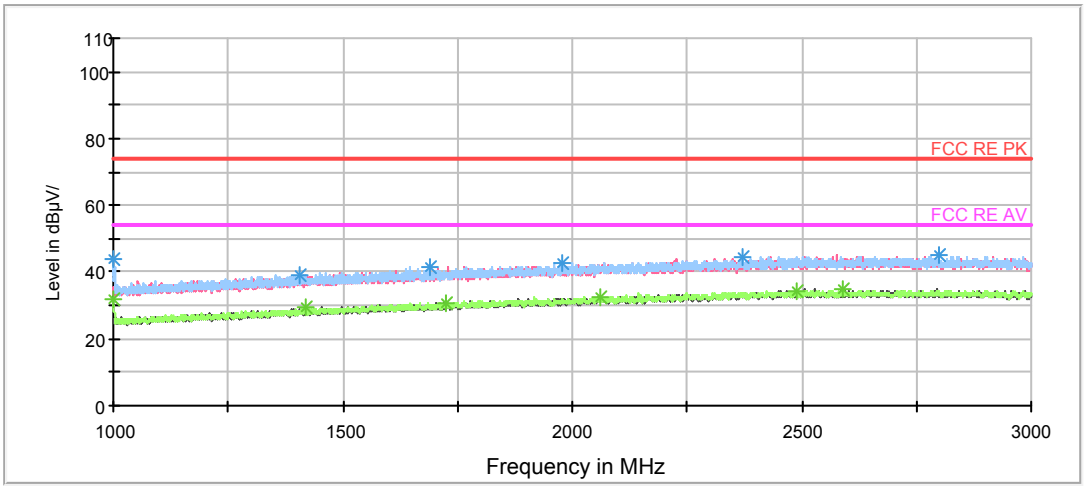
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3133.000000	44.3	200.0	H	108.0	34.6	9.7	9.7	54
3477.000000	44.1	200.0	H	120.0	34.0	10.1	9.9	54
4548.000000	44.3	200.0	H	0.0	32.7	11.6	9.7	54
5276.500000	44.8	200.0	H	0.0	32.7	12.1	9.2	54
6555.500000	50.0	200.0	V	123.0	32.7	17.3	4.0	54
6905.500000	49.5	200.0	H	120.0	32.2	17.3	4.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

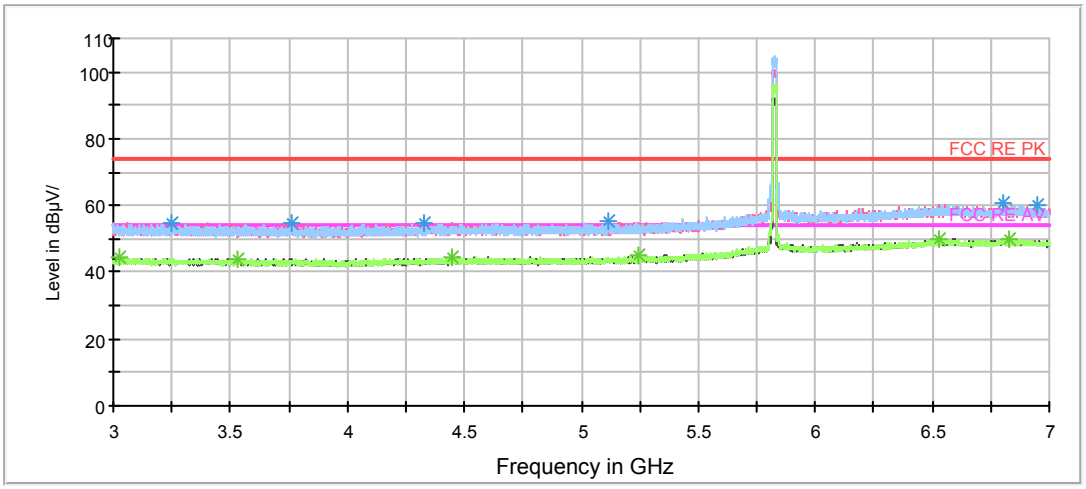
802.11a CH165

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

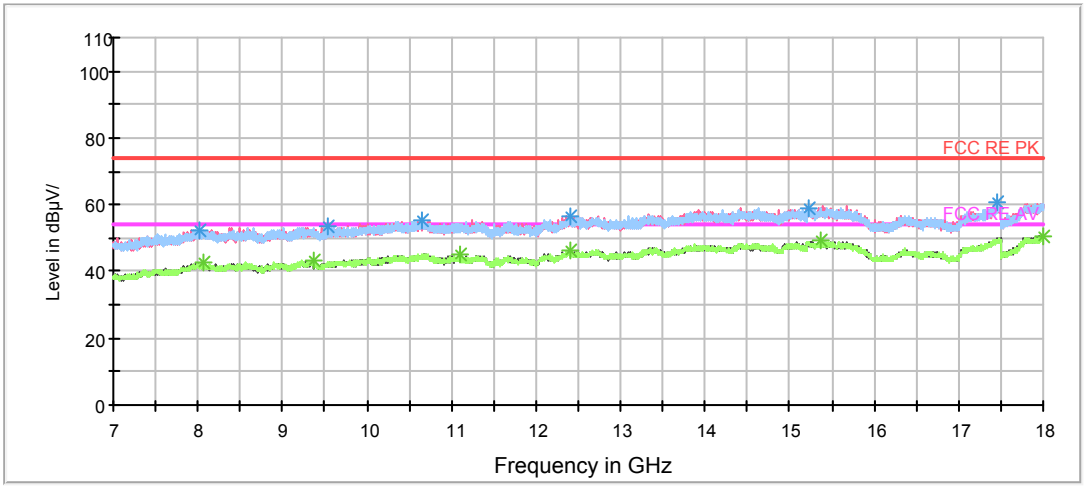
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3246.000000	54.8	200.0	V	359.0	45.0	9.8	19.2	74
3762.500000	54.9	200.0	H	1.0	44.5	10.4	19.1	74
4330.000000	54.5	200.0	V	297.0	43.2	11.3	19.5	74
5115.000000	55.2	200.0	V	330.0	43.3	11.9	18.8	74
6802.500000	60.6	200.0	V	297.0	43.2	17.4	13.4	74
6944.500000	59.9	200.0	H	136.0	42.8	17.1	14.1	74

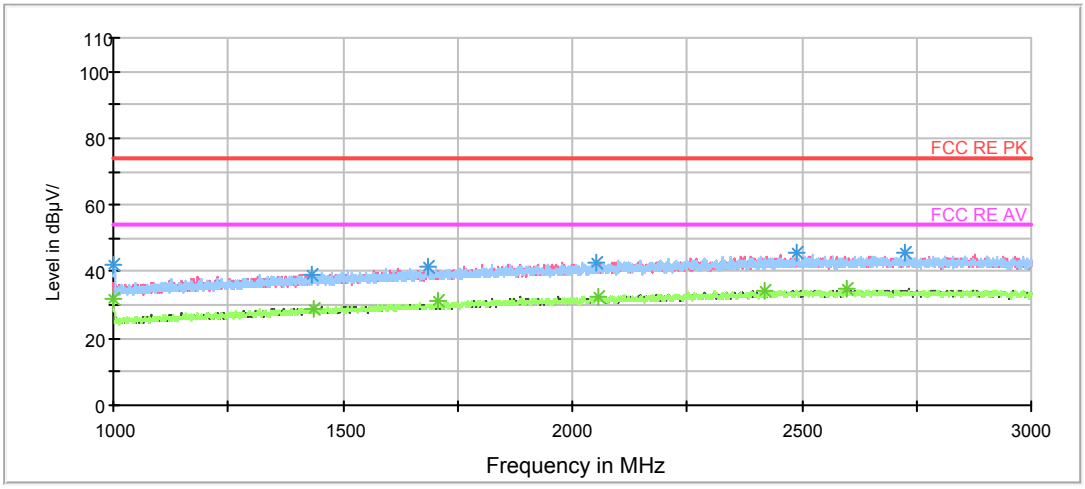
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3021.500000	44.4	200.0	H	186.0	34.7	9.7	9.6	54
3533.000000	44.1	200.0	V	0.0	34.0	10.1	9.9	54
4447.000000	44.6	200.0	V	0.0	33.0	11.6	9.4	54
5248.000000	44.8	200.0	H	0.0	32.8	12.0	9.2	54
6532.500000	49.9	200.0	V	172.0	32.6	17.3	4.1	54
6826.000000	49.8	200.0	V	349.0	32.5	17.3	4.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

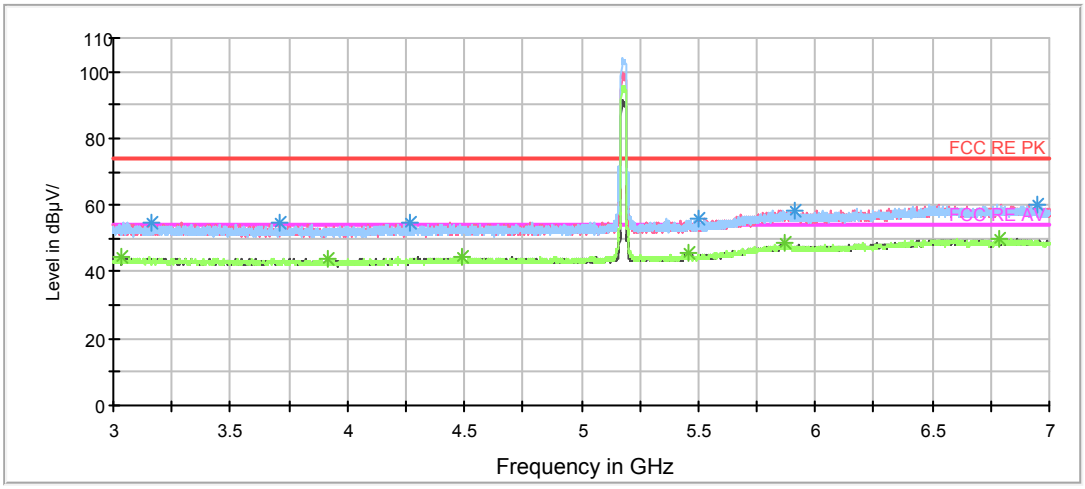
802.11n (HT20) CH36

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

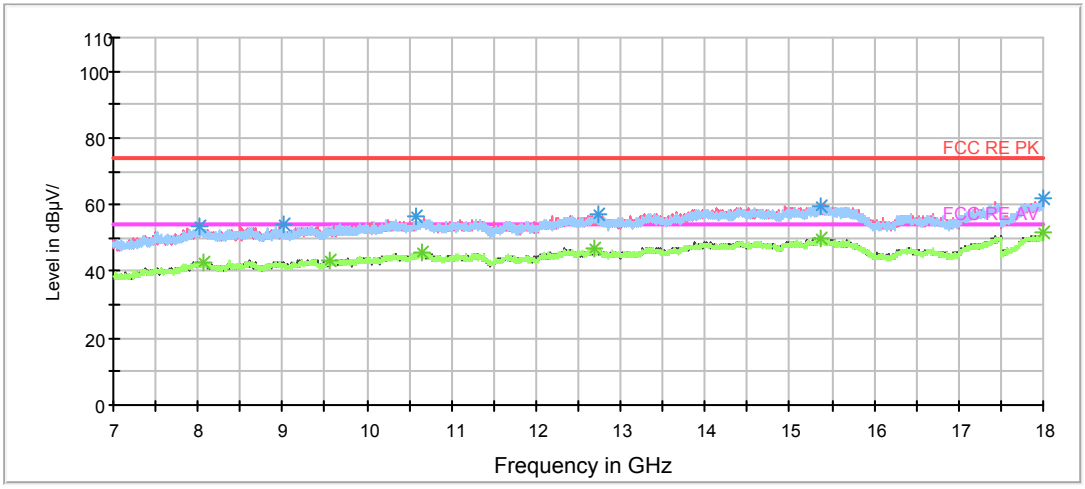
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3165.000000	54.9	200.0	H	321.0	45.1	9.8	19.1	74
3712.500000	54.8	200.0	V	358.0	44.6	10.2	19.2	74
4271.000000	54.5	200.0	H	70.0	43.2	11.3	19.5	74
5500.500000	56.0	200.0	V	358.0	43.3	12.7	18.0	74
5913.500000	58.5	200.0	H	0.0	43.1	15.4	15.5	74
6952.500000	60.2	200.0	H	119.0	43.1	17.1	13.8	74

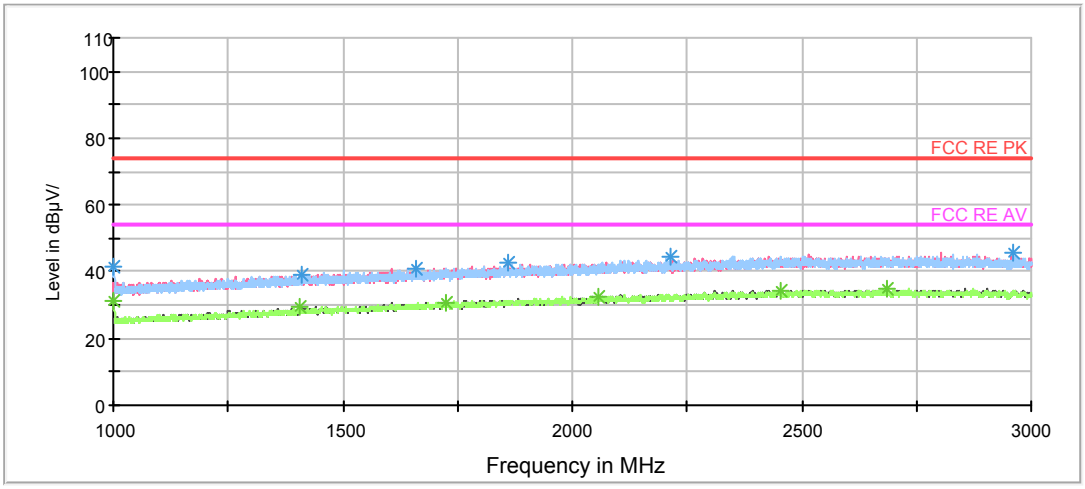
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3032.500000	44.2	200.0	V	273.0	34.6	9.6	9.8	54
3915.000000	44.0	200.0	V	290.0	33.5	10.5	10.0	54
4487.000000	44.8	200.0	H	2.0	33.2	11.6	9.2	54
5454.000000	45.6	200.0	H	2.0	33.0	12.6	8.4	54
5870.000000	48.4	200.0	H	220.0	32.6	15.8	5.6	54
6787.500000	49.9	200.0	V	341.0	32.5	17.4	4.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

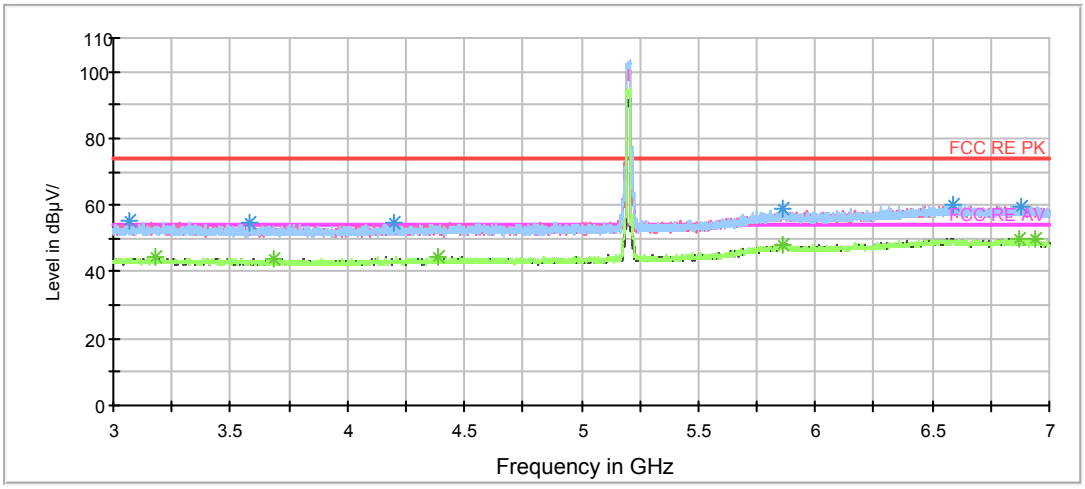
802.11n (HT20) CH40

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

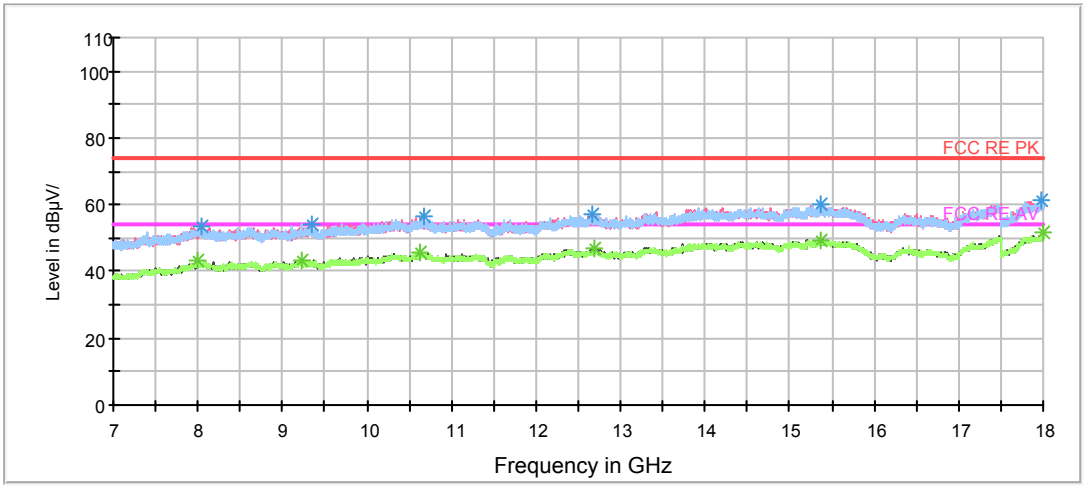
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3069.000000	55.2	200.0	V	259.0	45.5	9.7	18.8	74
3581.000000	54.8	200.0	V	320.0	44.5	10.3	19.2	74
4197.000000	54.7	200.0	H	39.0	43.6	11.1	19.3	74
5857.000000	59.1	200.0	H	137.0	43.5	15.6	14.9	74
6592.500000	60.4	200.0	V	186.0	43.0	17.4	13.6	74
6881.500000	59.8	200.0	V	235.0	42.5	17.3	14.2	74

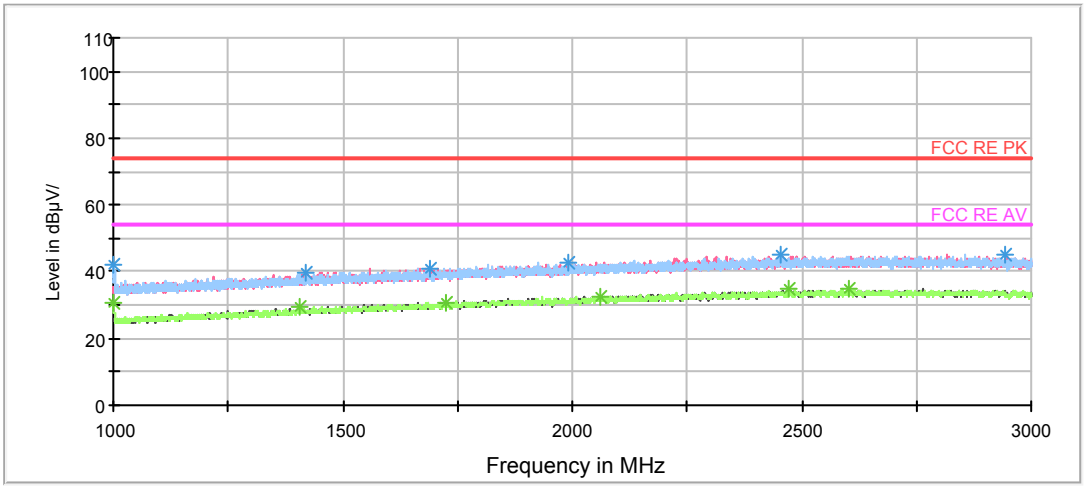
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3176.500000	44.5	200.0	V	338.0	34.7	9.8	9.5	54
3683.500000	44.1	200.0	H	29.0	33.8	10.3	9.9	54
4385.000000	44.4	200.0	V	359.0	33.0	11.4	9.6	54
5863.000000	48.4	200.0	V	0.0	32.7	15.7	5.6	54
6874.500000	49.9	200.0	H	0.0	32.6	17.3	4.1	54
6943.000000	49.7	200.0	V	355.0	32.6	17.1	4.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

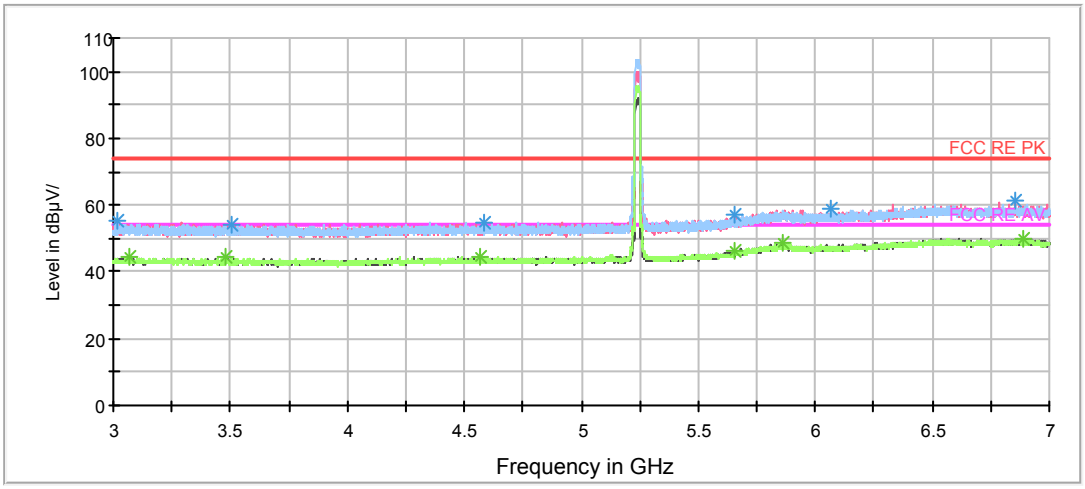
802.11n (HT20) CH48

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

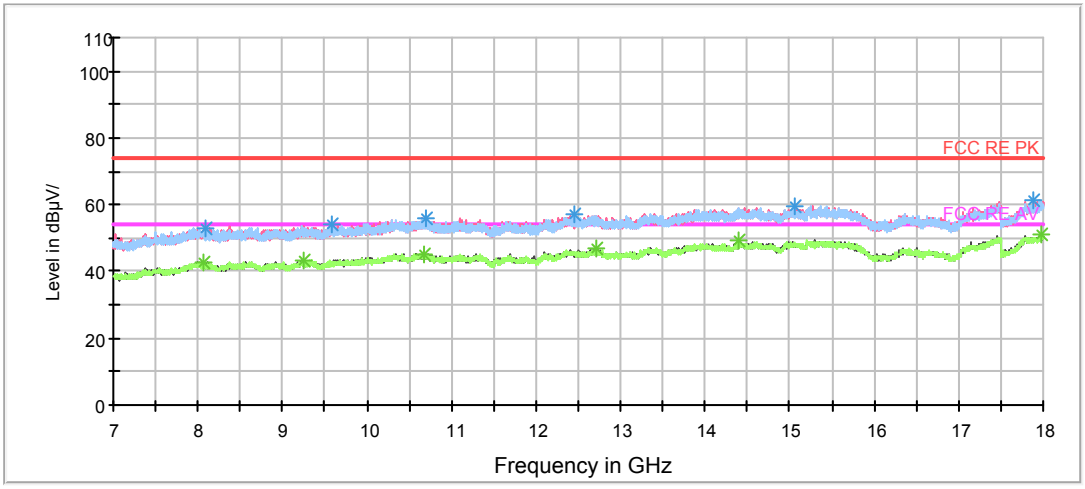
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3016.500000	55.2	200.0	H	8.0	45.5	9.7	18.8	74
3508.000000	54.3	200.0	V	356.0	44.2	10.1	19.7	74
4581.500000	54.8	200.0	V	338.0	43.2	11.6	19.2	74
5658.500000	57.2	200.0	V	350.0	43.4	13.8	16.8	74
6067.500000	58.7	200.0	H	13.0	43.5	15.2	15.3	74
6855.500000	61.5	200.0	V	345.0	44.2	17.3	12.5	74

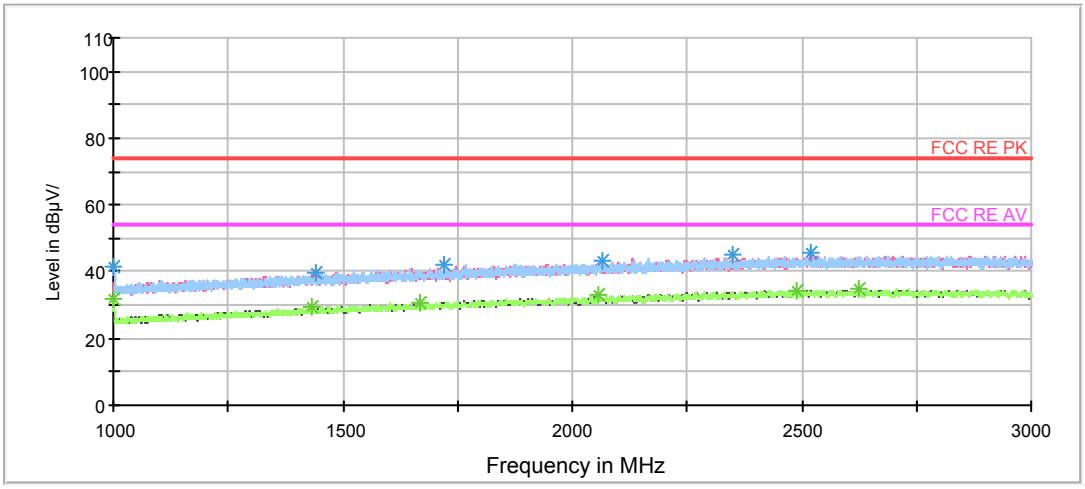
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3066.500000	44.3	200.0	V	111.0	34.6	9.7	9.7	54
3480.000000	44.3	200.0	H	223.0	34.2	10.1	9.7	54
4566.500000	44.4	200.0	V	353.0	32.8	11.6	9.6	54
5655.000000	46.5	200.0	V	356.0	32.7	13.8	7.5	54
5865.000000	48.4	200.0	H	13.0	32.7	15.7	5.6	54
6885.000000	49.8	200.0	H	6.0	32.5	17.3	4.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

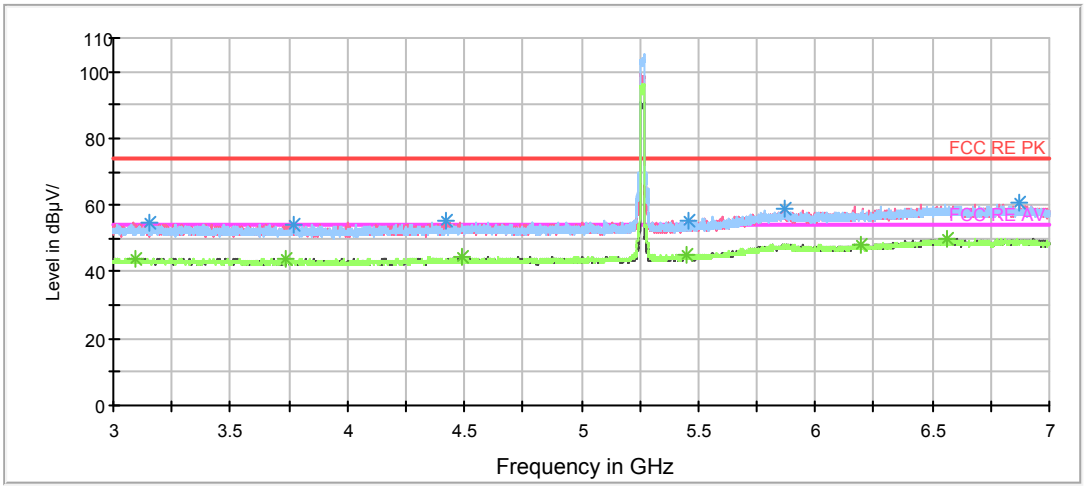
802.11n (HT20) CH52

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

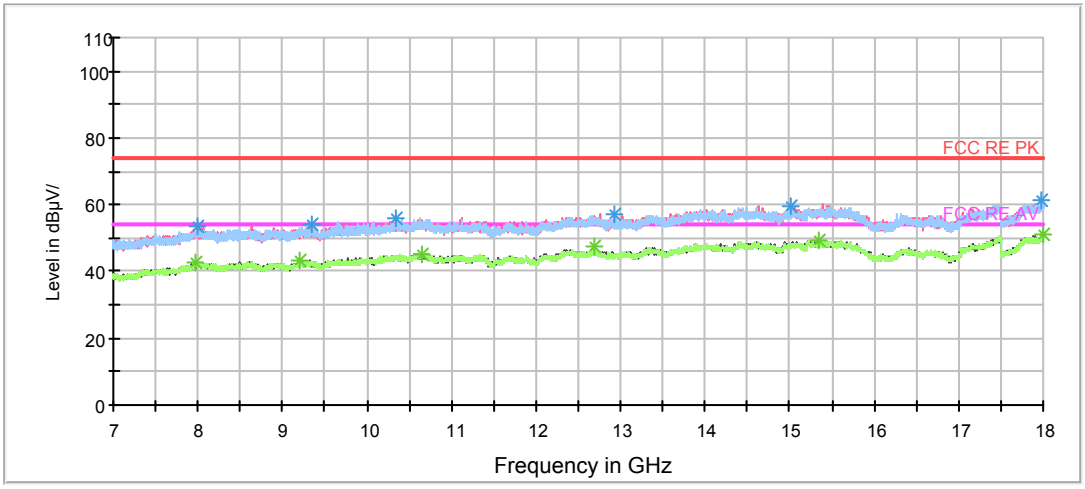
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3150.500000	54.8	200.0	H	10.0	45.1	9.7	19.2	74
3768.000000	54.4	200.0	H	1.0	43.9	10.5	19.6	74
4418.000000	55.1	200.0	V	256.0	43.7	11.4	18.9	74
5457.500000	55.3	200.0	H	290.0	42.7	12.6	18.7	74
5867.000000	58.6	200.0	V	336.0	42.8	15.8	15.4	74
6874.000000	60.5	200.0	V	344.0	43.2	17.3	13.5	74

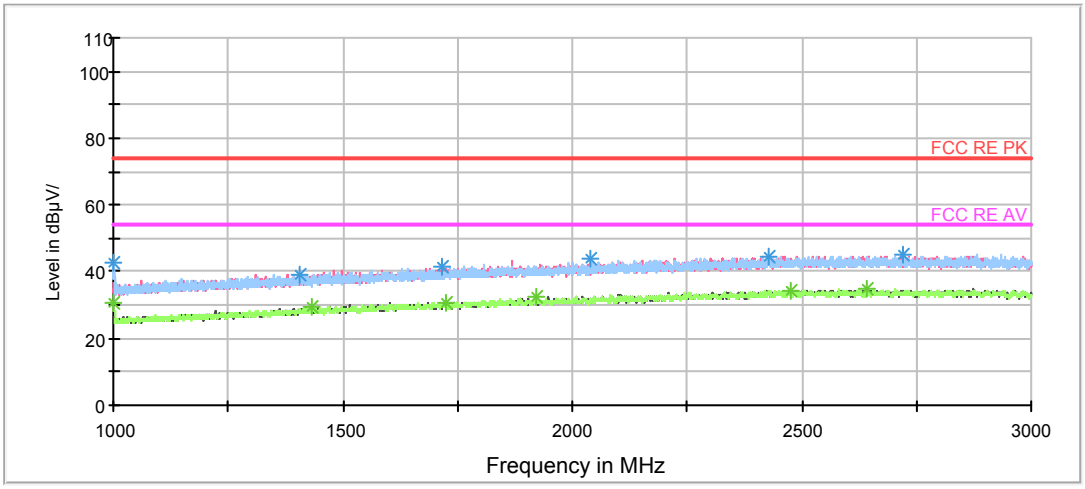
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3091.000000	44.1	200.0	V	359.0	34.5	9.6	9.9	54
3734.000000	44.1	200.0	H	94.0	33.7	10.4	9.9	54
4487.500000	44.4	200.0	V	0.0	32.8	11.6	9.6	54
5453.000000	45.1	200.0	V	0.0	32.5	12.6	8.9	54
6192.500000	48.1	200.0	V	349.0	32.2	15.9	5.9	54
6561.000000	49.9	200.0	V	0.0	32.6	17.3	4.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

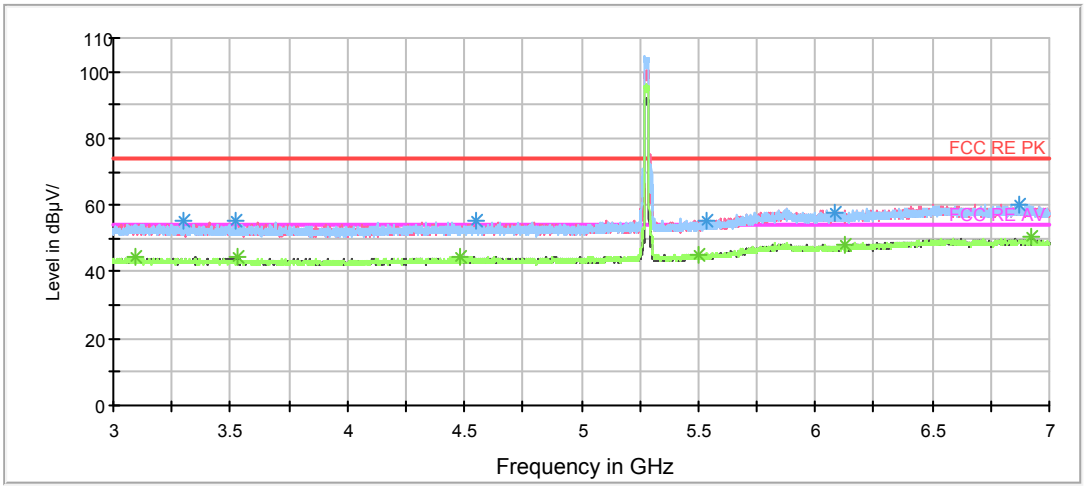
802.11n (HT20) CH56

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

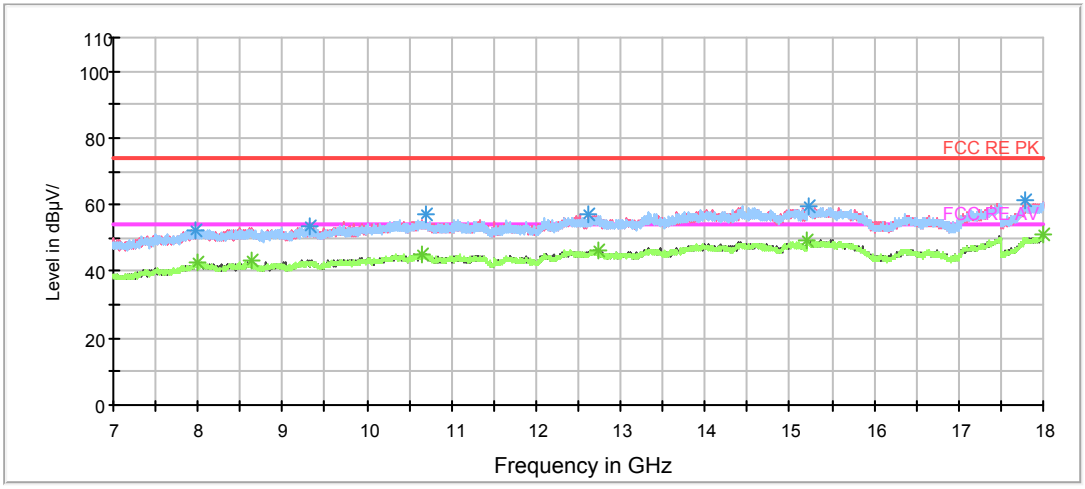
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3296.000000	55.3	200.0	H	276.0	45.4	9.9	18.7	74
3522.000000	55.0	200.0	H	22.0	44.9	10.1	19.0	74
4550.000000	55.4	200.0	V	228.0	43.8	11.6	18.6	74
5532.000000	55.4	200.0	V	342.0	42.7	12.7	18.6	74
6081.500000	57.8	200.0	H	2.0	42.6	15.2	16.2	74
7974.875000	52.6	200.0	V	21.0	42.6	10.0	21.4	74

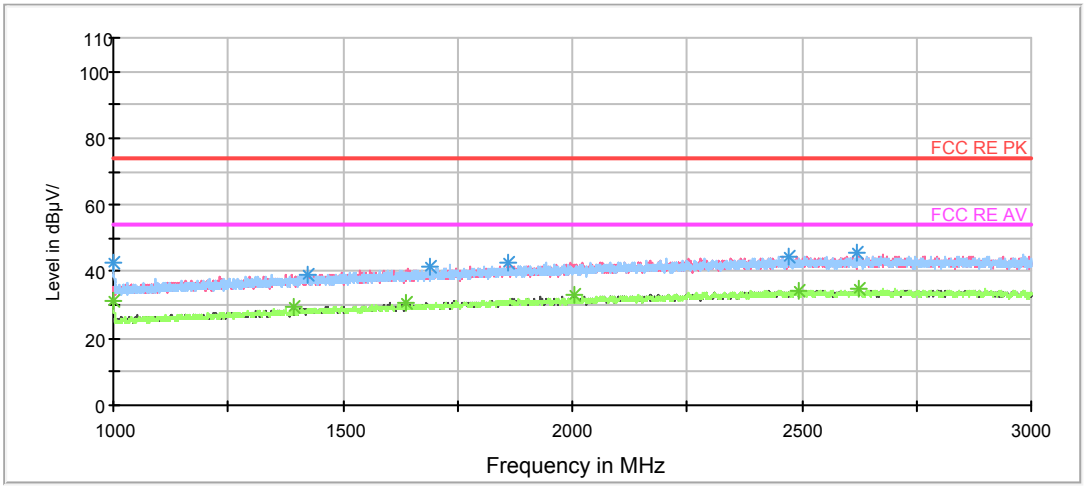
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3096.000000	44.2	200.0	V	56.0	34.5	9.7	9.8	54
3528.500000	44.2	200.0	V	0.0	34.1	10.1	9.8	54
4480.500000	44.5	200.0	V	266.0	32.9	11.6	9.5	54
5502.500000	45.2	200.0	V	348.0	32.5	12.7	8.8	54
6128.000000	48.3	200.0	V	327.0	32.8	15.5	5.7	54
7995.500000	42.8	200.0	H	0.0	32.8	10.0	11.2	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

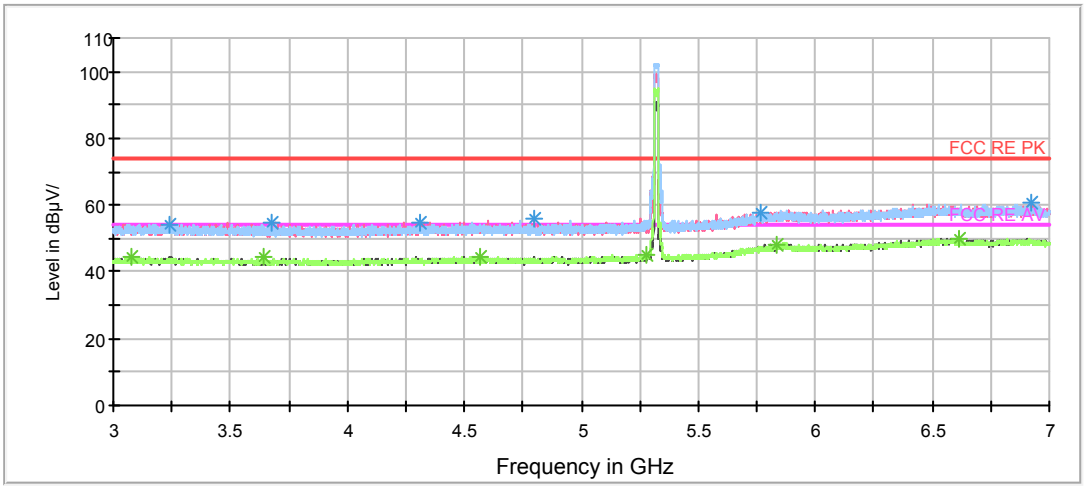
802.11n (HT20) CH64

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

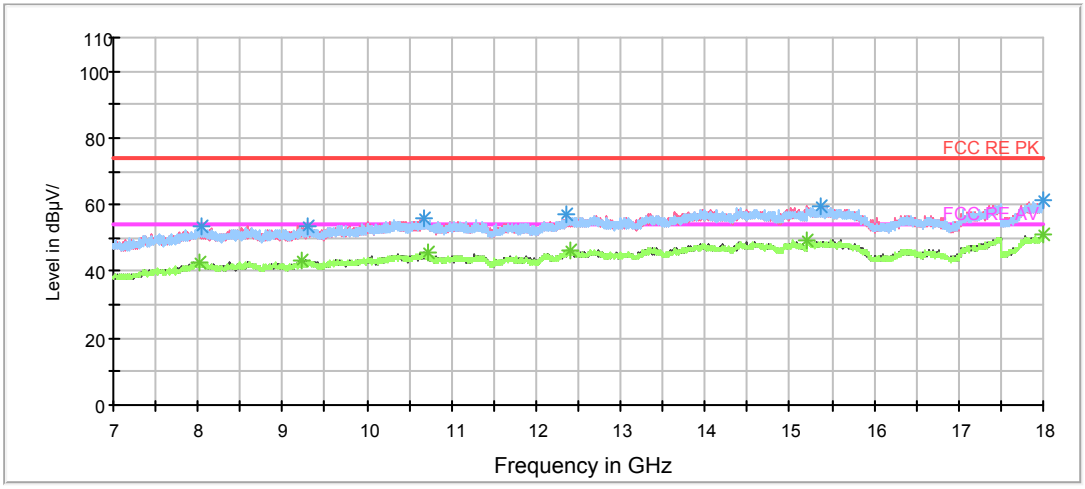
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3241.500000	54.3	200.0	V	354.0	44.5	9.8	19.7	74
3678.000000	54.9	200.0	V	359.0	44.6	10.3	19.1	74
4312.000000	54.7	200.0	V	358.0	43.2	11.5	19.3	74
4795.000000	56.0	200.0	V	347.0	44.4	11.6	18.0	74
5766.500000	57.8	200.0	V	0.0	42.7	15.1	16.2	74
6925.500000	60.8	200.0	V	326.0	43.5	17.3	13.2	74

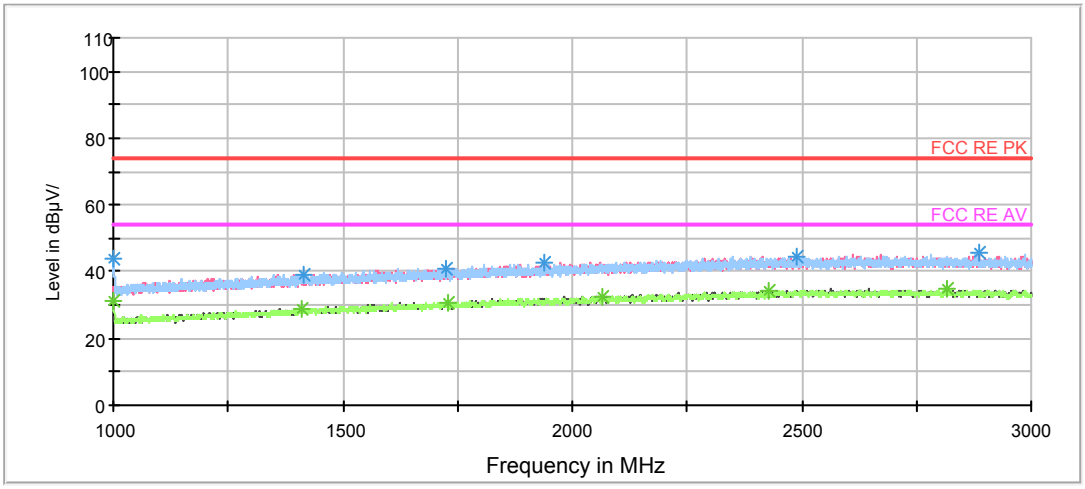
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3075.500000	44.4	200.0	V	214.0	34.7	9.7	9.6	54
3643.000000	44.3	200.0	V	0.0	34.1	10.2	9.7	54
4563.500000	44.3	200.0	H	145.0	32.7	11.6	9.7	54
5274.500000	45.0	200.0	H	44.0	32.9	12.1	9.0	54
5837.000000	48.2	200.0	V	354.0	32.7	15.5	5.8	54
6617.000000	49.9	200.0	H	145.0	32.6	17.3	4.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

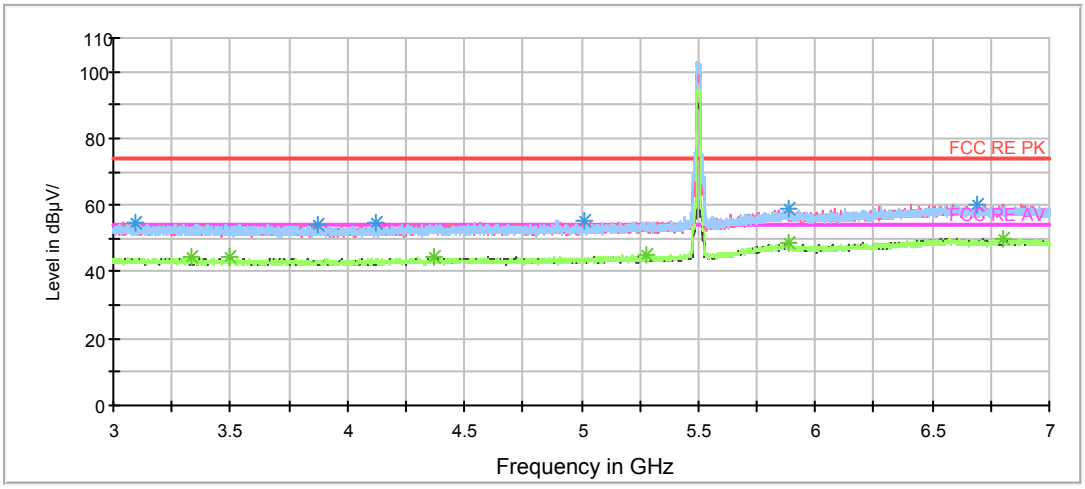
802.11n (HT20) CH100

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

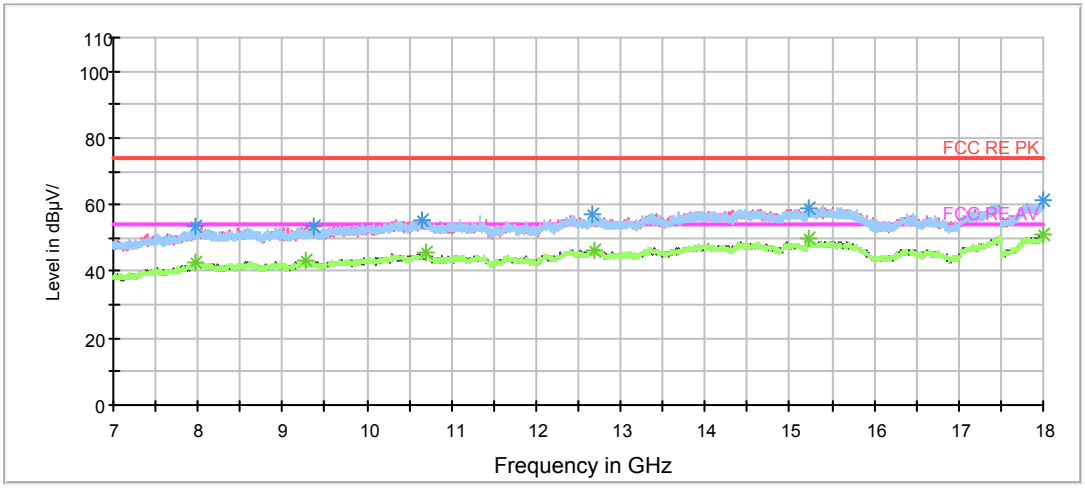
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3097.000000	54.6	200.0	V	98.0	44.9	9.7	19.4	74
3874.500000	54.3	200.0	V	228.0	43.8	10.5	19.7	74
4125.000000	54.7	200.0	V	355.0	43.7	11.0	19.3	74
5010.000000	55.1	200.0	V	293.0	43.5	11.6	18.9	74
5883.500000	59.2	200.0	V	84.0	43.5	15.7	14.8	74
6694.500000	60.1	200.0	V	0.0	43.0	17.1	13.9	74

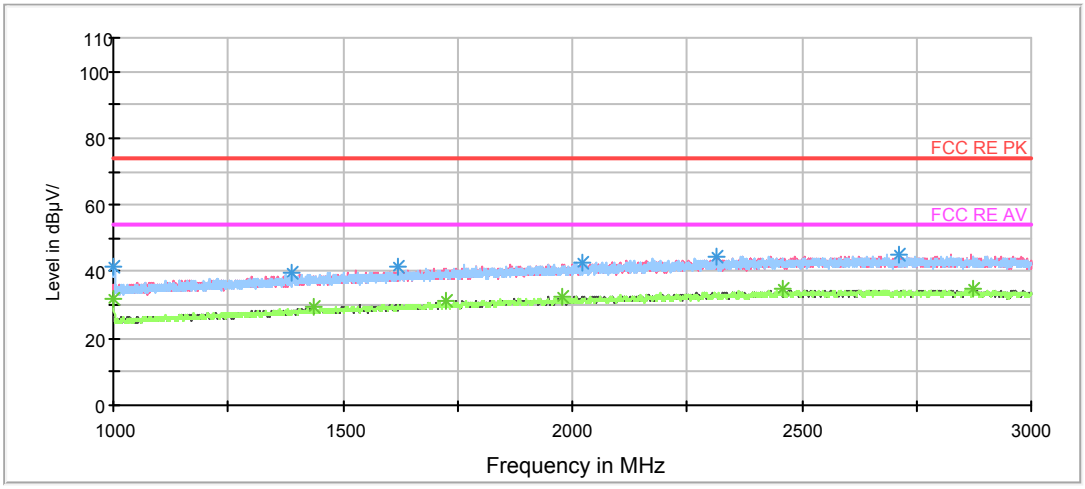
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3331.500000	44.4	200.0	H	107.0	34.6	9.8	9.6	54
3500.500000	44.4	200.0	V	343.0	34.3	10.1	9.6	54
4373.500000	44.6	200.0	V	348.0	33.3	11.3	9.4	54
5275.000000	45.3	200.0	H	12.0	33.2	12.1	8.7	54
5889.000000	48.4	200.0	V	240.0	32.8	15.6	5.6	54
6800.000000	49.9	200.0	H	3.0	32.5	17.4	4.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

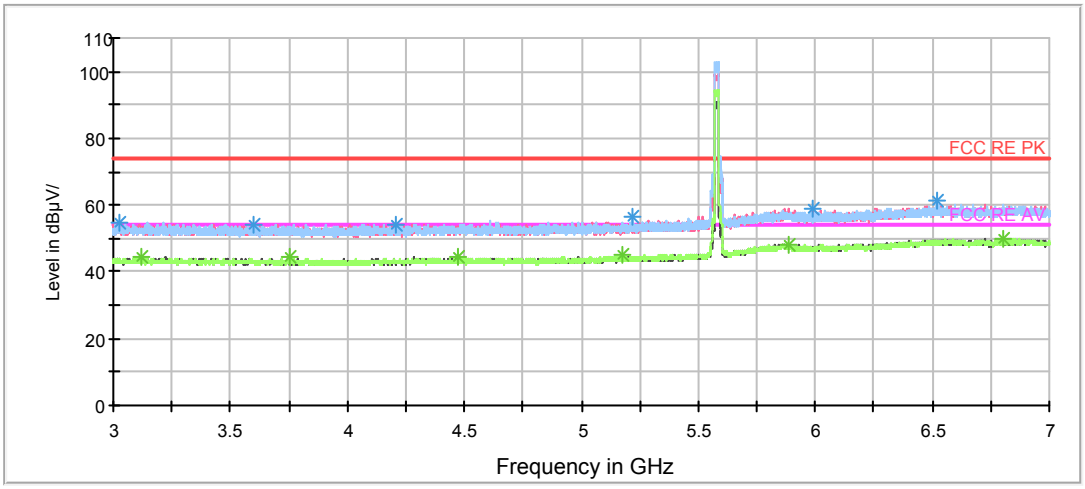
802.11n (HT20) CH116

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

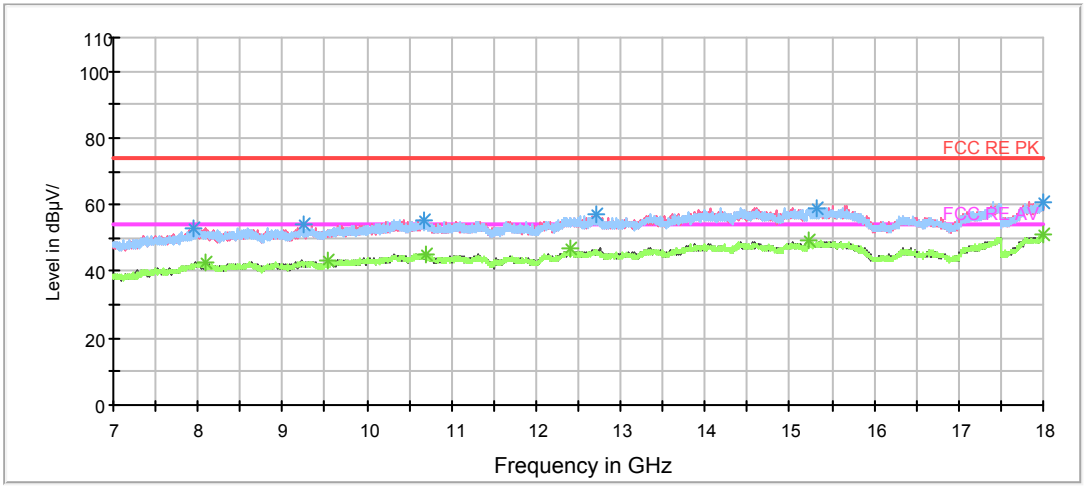
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3027.500000	54.9	200.0	H	106.0	45.2	9.7	19.1	74
3598.500000	54.2	200.0	V	291.0	44.0	10.2	19.8	74
4207.000000	54.4	200.0	V	0.0	43.2	11.2	19.6	74
5221.000000	56.2	200.0	H	3.0	44.2	12.0	17.8	74
5993.000000	59.0	200.0	V	216.0	44.0	15.0	15.0	74
7958.375000	53.2	100.0	H	4.0	43.2	10.0	20.8	74

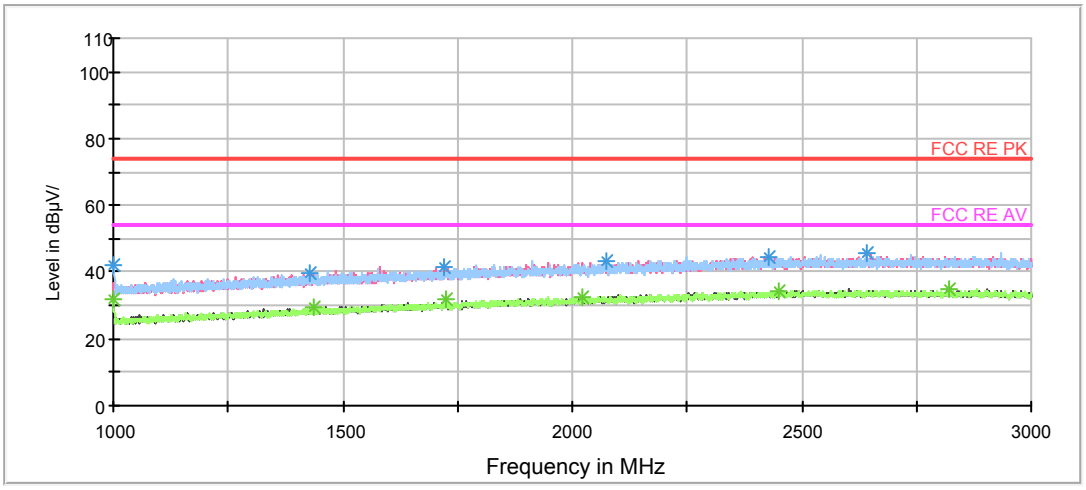
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3116.000000	44.5	200.0	V	0.0	34.7	9.8	9.5	54
3756.000000	44.4	200.0	H	81.0	34.1	10.3	9.6	54
4475.000000	44.4	200.0	H	357.0	32.9	11.5	9.6	54
5177.500000	44.9	200.0	H	3.0	33.1	11.8	9.1	54
5886.000000	48.3	200.0	V	278.0	32.6	15.7	5.7	54
8084.875000	42.6	100.0	H	2.0	32.8	9.8	11.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

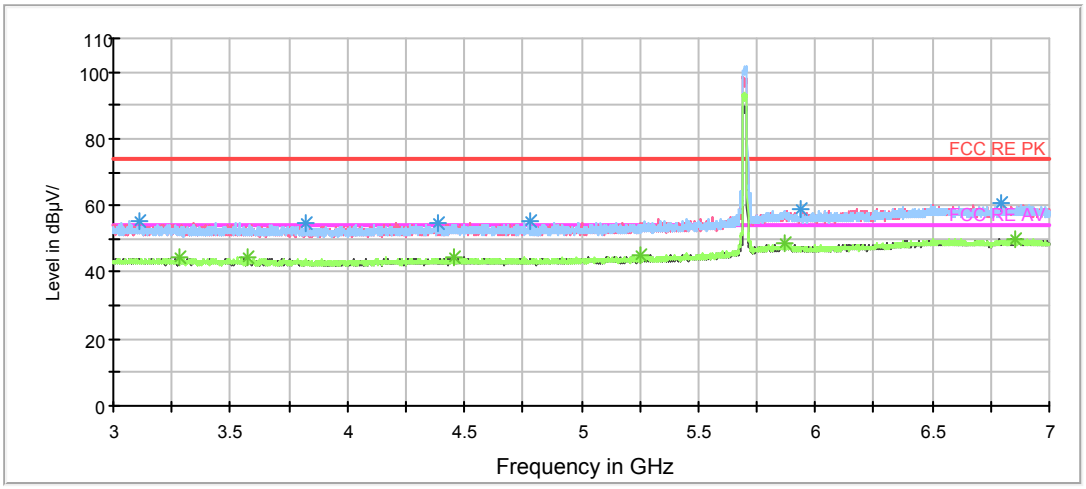
802.11n (HT20) CH140

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

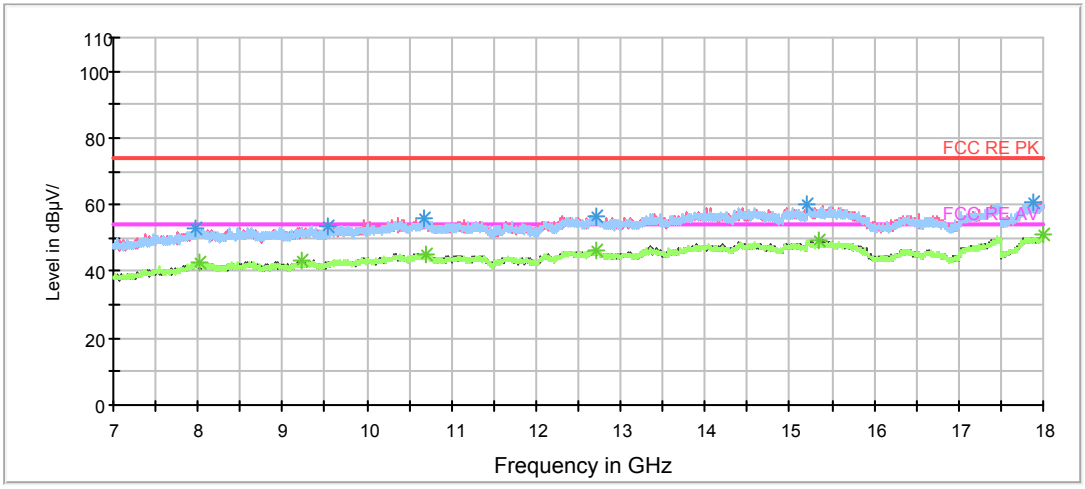
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3114.000000	55.4	200.0	V	359.0	45.6	9.8	18.6	74
3821.500000	54.7	200.0	H	3.0	44.2	10.5	19.3	74
4388.000000	54.6	200.0	V	347.0	43.2	11.4	19.4	74
4779.000000	55.1	200.0	H	118.0	43.5	11.6	18.9	74
5936.500000	58.6	200.0	H	12.0	43.3	15.3	15.4	74
7962.500000	53.1	100.0	H	167.0	43.1	10.0	20.9	74

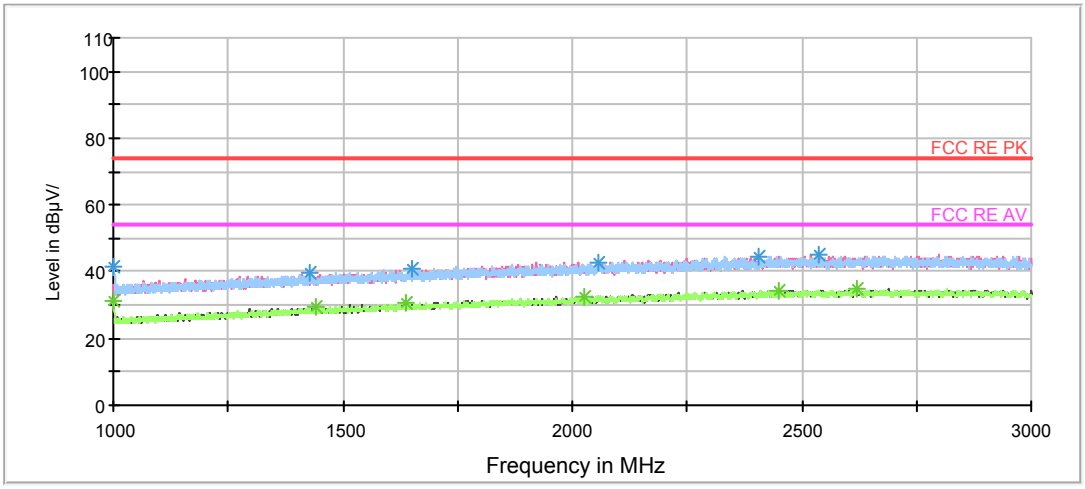
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3282.500000	44.2	200.0	H	0.0	34.4	9.8	9.8	54
3572.500000	44.3	200.0	H	0.0	34.2	10.1	9.7	54
4460.000000	44.2	200.0	H	24.0	32.7	11.5	9.8	54
5249.500000	44.9	200.0	V	316.0	32.8	12.1	9.1	54
5870.000000	48.7	200.0	V	359.0	32.9	15.8	5.3	54
8025.750000	42.6	100.0	V	336.0	32.7	9.9	11.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

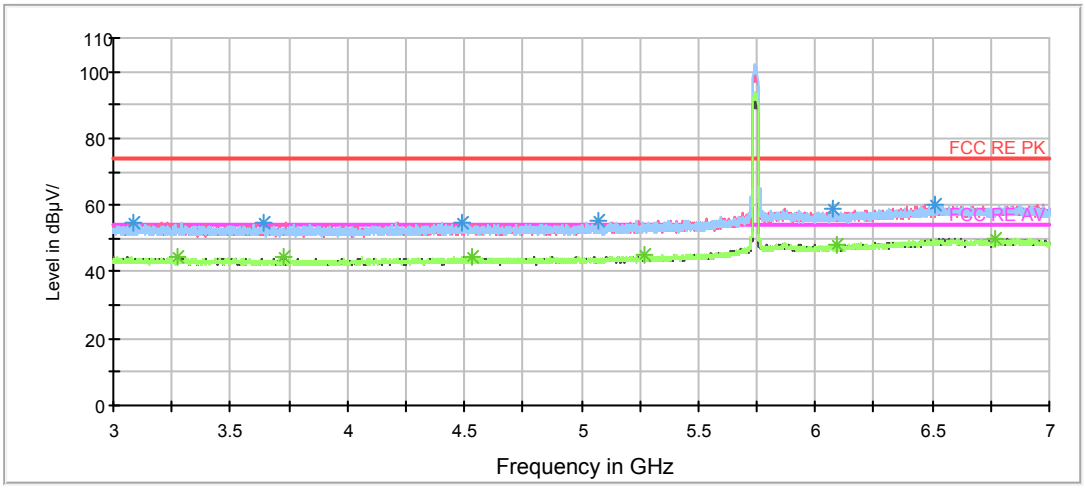
802.11n (HT20) CH149

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

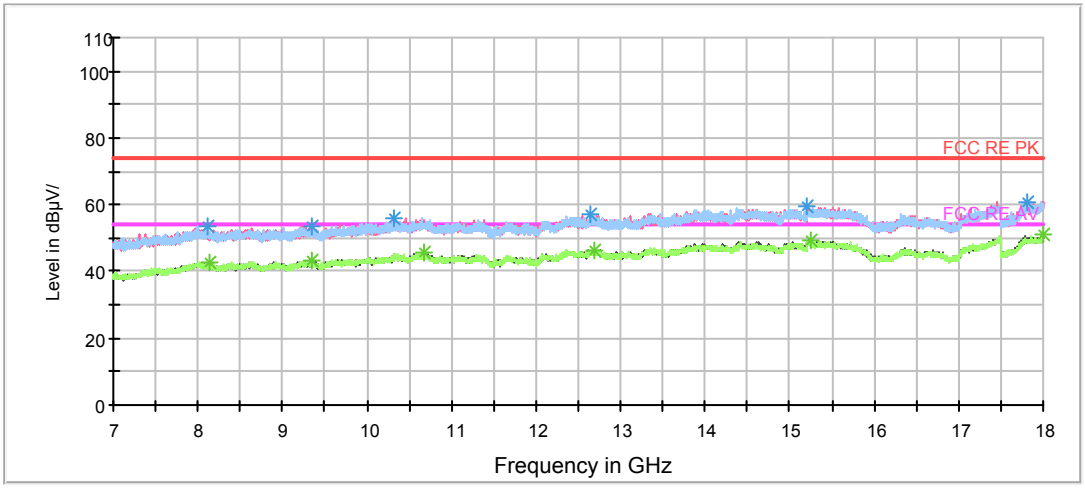
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3086.500000	54.8	200.0	H	248.0	45.2	9.6	19.2	74
3641.000000	54.8	200.0	V	98.0	44.6	10.2	19.2	74
4492.000000	54.6	200.0	H	15.0	43.0	11.6	19.4	74
5077.000000	55.3	200.0	H	139.0	43.6	11.7	18.7	74
6076.000000	58.8	200.0	H	88.0	43.6	15.2	15.2	74
6510.000000	60.2	200.0	V	215.0	42.9	17.3	13.8	74

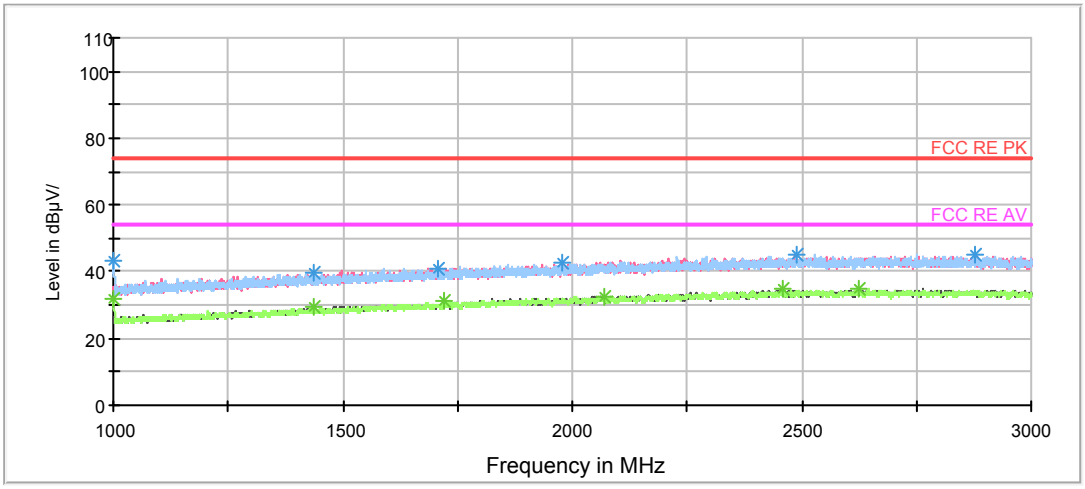
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3276.500000	44.3	200.0	H	51.0	34.5	9.8	9.7	54
3727.500000	44.2	200.0	V	352.0	33.8	10.4	9.8	54
4534.000000	44.8	200.0	H	164.0	33.1	11.7	9.2	54
5269.500000	44.9	200.0	H	75.0	32.7	12.2	9.1	54
6090.000000	48.2	200.0	V	357.0	32.9	15.3	5.8	54
6770.500000	49.9	200.0	V	0.0	32.8	17.1	4.1	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

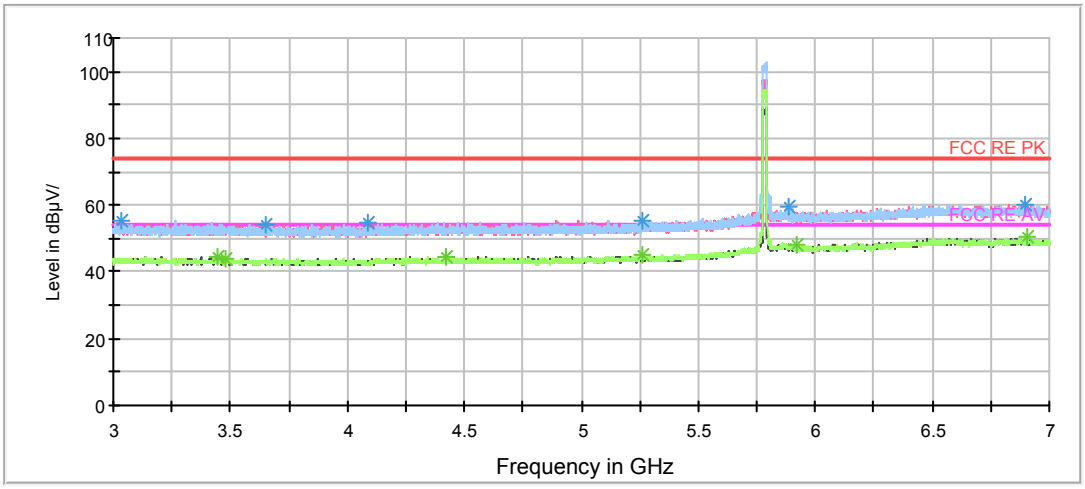
802.11n (HT20) CH157

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

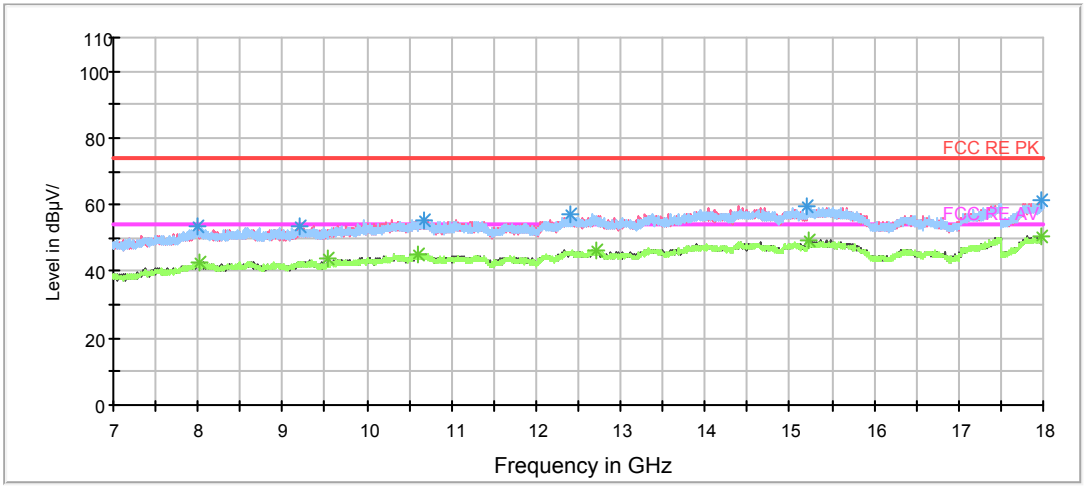
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3033.500000	55.3	200.0	V	135.0	45.7	9.6	18.7	74
3651.500000	54.4	200.0	H	248.0	44.2	10.2	19.6	74
4085.500000	54.9	200.0	V	215.0	44.1	10.8	19.1	74
5261.000000	55.4	200.0	H	3.0	43.3	12.1	18.6	74
5884.000000	59.7	200.0	H	0.0	44.0	15.7	14.3	74
8006.500000	53.3	200.0	V	1.0	43.3	10.0	20.7	74

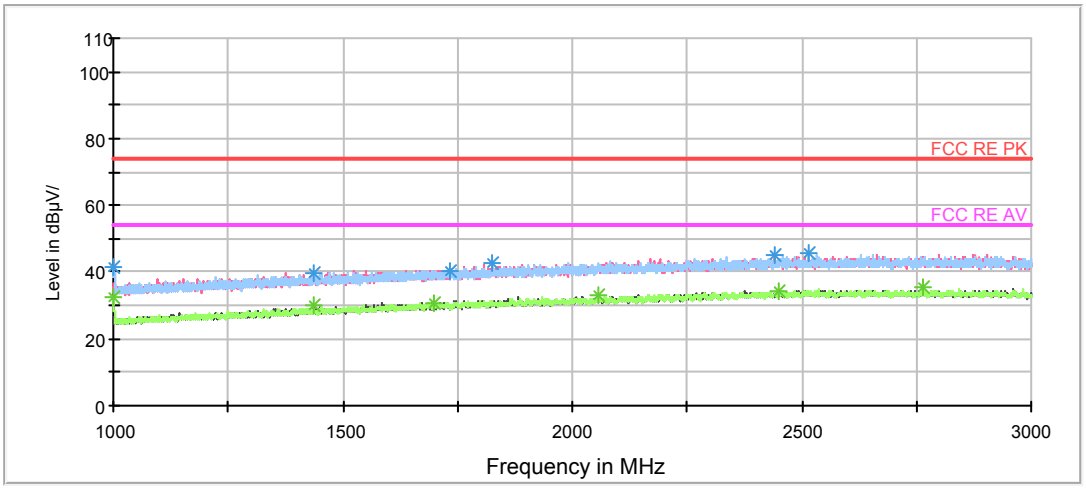
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3444.000000	44.4	200.0	V	358.0	34.4	10.0	9.6	54
3480.500000	44.1	200.0	H	261.0	34.0	10.1	9.9	54
4425.500000	44.6	200.0	H	5.0	33.1	11.5	9.4	54
5265.000000	44.9	200.0	H	8.0	32.7	12.2	9.1	54
5917.000000	48.0	200.0	H	106.0	32.6	15.4	6.0	54
8021.625000	42.7	100.0	V	180.0	32.8	9.9	11.3	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

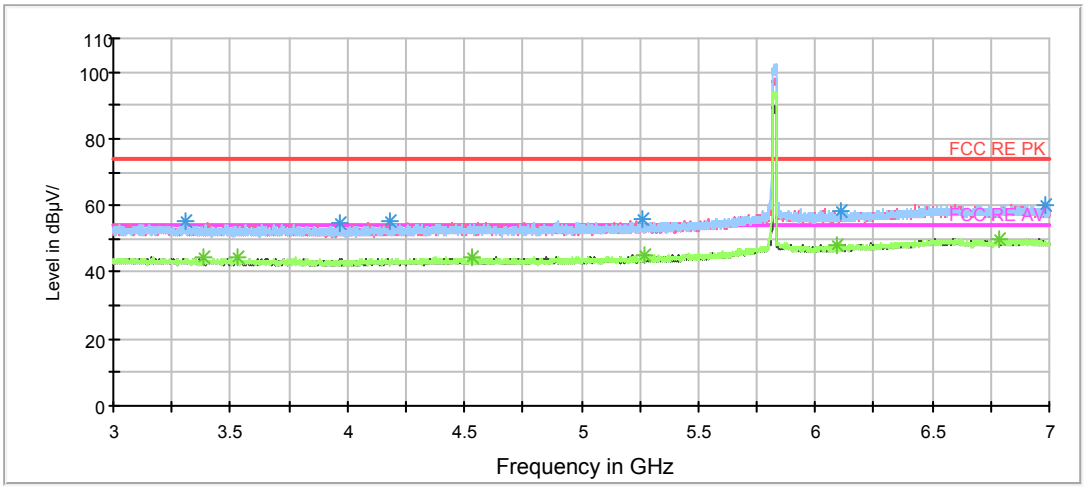
802.11n (HT20) CH165

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

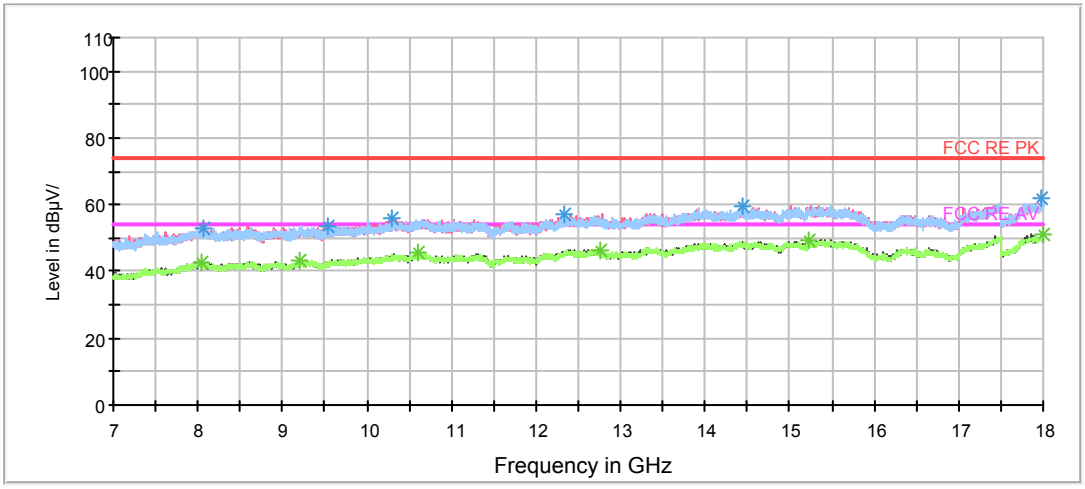
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3312.000000	55.2	200.0	H	2.0	45.3	9.9	18.8	74
3966.000000	54.4	200.0	V	326.0	43.9	10.5	19.6	74
4180.500000	55.1	200.0	V	357.0	44.0	11.1	18.9	74
5259.500000	55.7	200.0	V	99.0	43.6	12.1	18.3	74
6113.000000	58.2	200.0	H	2.0	42.7	15.5	15.8	74
6979.500000	60.2	200.0	V	166.0	43.3	16.9	13.8	74

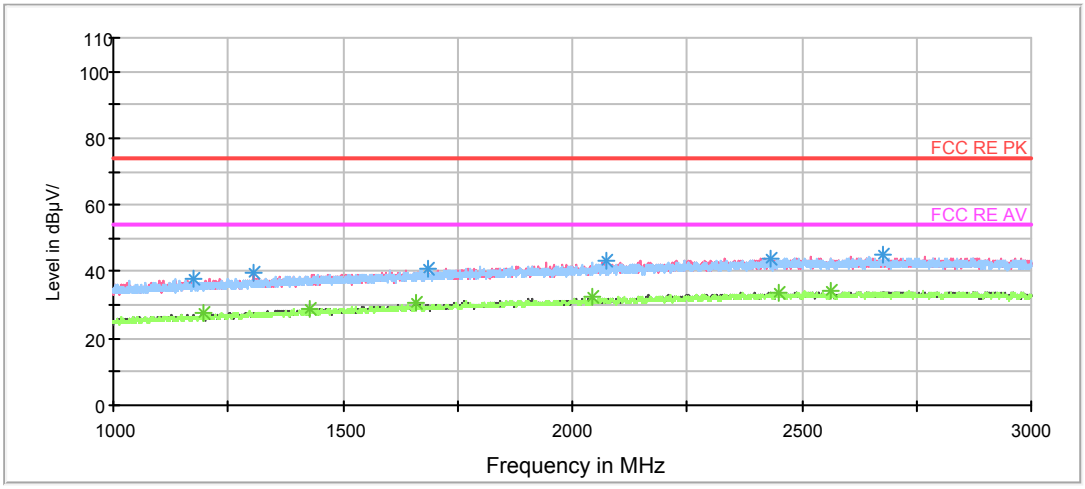
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3384.000000	44.7	200.0	V	242.0	34.8	9.9	9.3	54
3532.500000	44.3	200.0	V	56.0	34.2	10.1	9.7	54
4531.500000	44.4	200.0	H	0.0	32.7	11.7	9.6	54
5267.000000	45.0	200.0	V	355.0	32.8	12.2	9.0	54
6092.500000	48.1	200.0	V	348.0	32.8	15.3	5.9	54
6782.000000	50.0	200.0	V	348.0	32.7	17.3	4.0	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

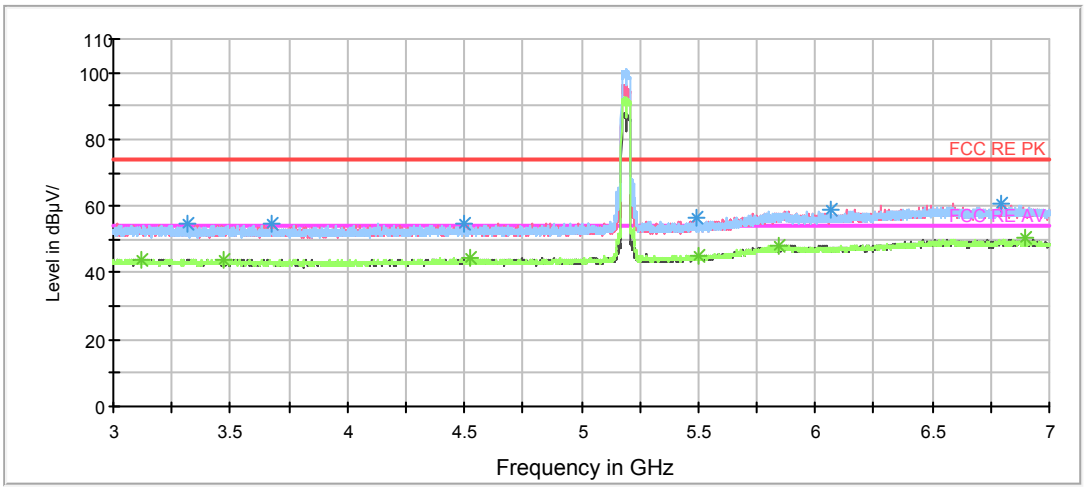
802.11n (HT40) CH38

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

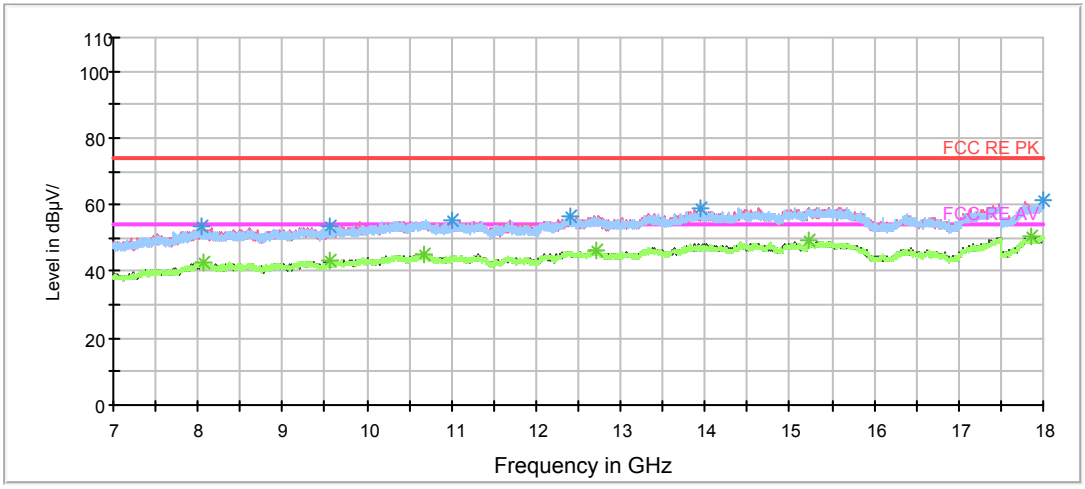
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3319.500000	54.6	200.0	H	0.0	44.8	9.8	19.4	74
3680.500000	54.7	200.0	V	337.0	44.4	10.3	19.3	74
4496.500000	54.6	200.0	V	356.0	43.0	11.6	19.4	74
5492.000000	56.3	200.0	H	119.0	43.6	12.7	17.7	74
6070.000000	58.8	200.0	H	237.0	43.6	15.2	15.2	74
8031.250000	53.5	100.0	H	262.0	43.6	9.9	20.5	74

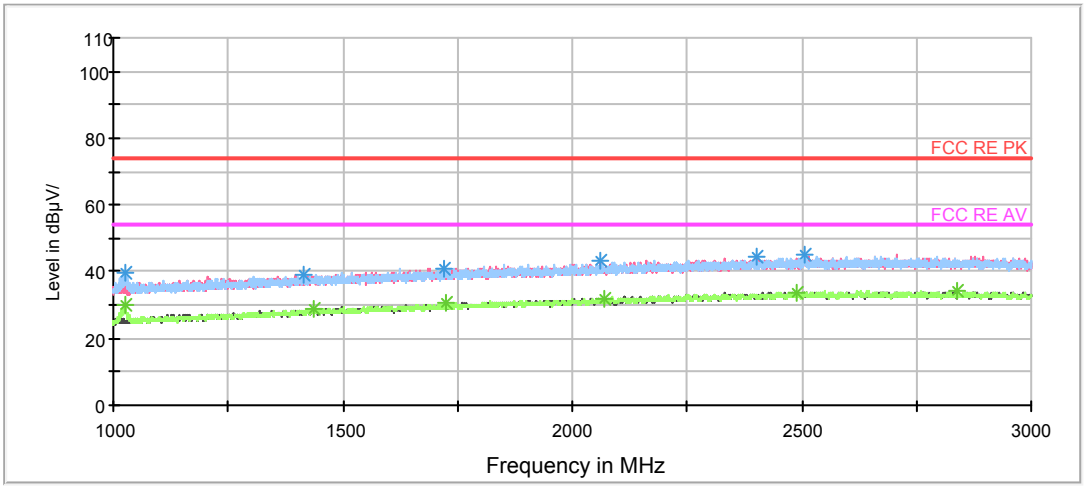
Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3116.500000	44.1	200.0	H	69.0	34.3	9.8	9.9	54
3472.000000	44.1	200.0	H	197.0	34.1	10.0	9.9	54
4526.500000	44.4	200.0	V	337.0	32.8	11.6	9.6	54
5504.000000	45.0	200.0	H	1.0	32.2	12.8	9.0	54
5839.500000	48.3	200.0	V	25.0	32.8	15.5	5.7	54
8060.125000	42.5	200.0	H	0.0	32.7	9.8	11.5	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

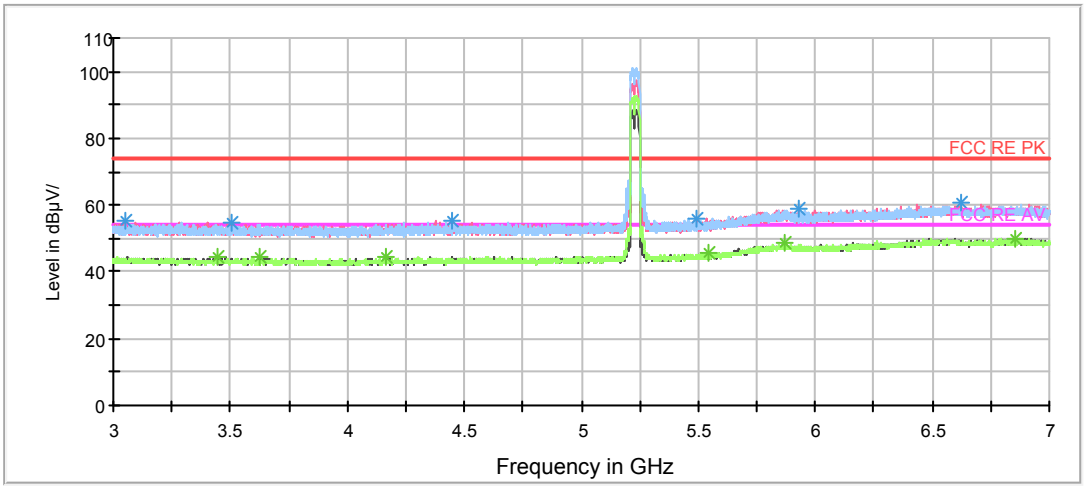
802.11n (HT40) CH46

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 1GHz to 3GHz

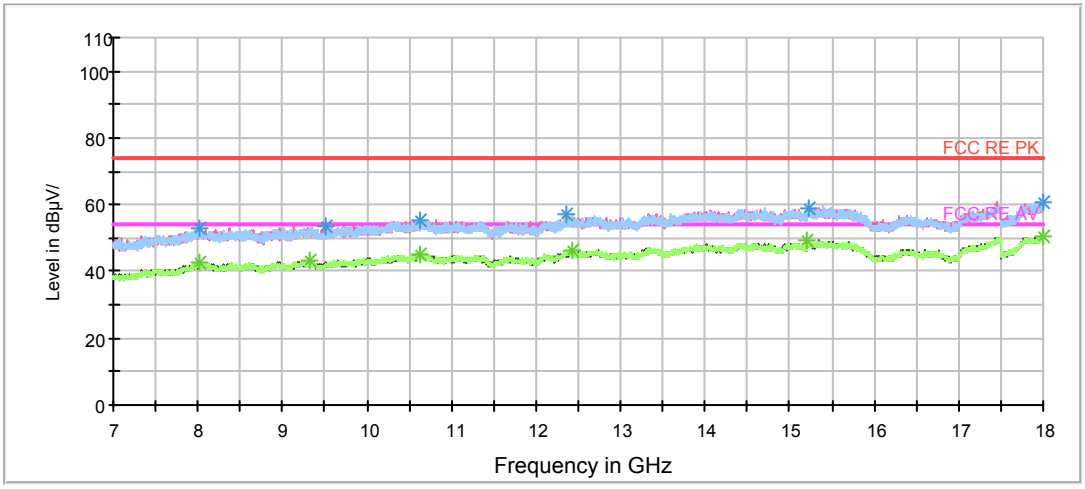
FCC RE 1G-18GHz PK+AV Class B



Note: The signal beyond the limit is carrier.

Radiates Emission from 3GHz to 7GHz

FCC RE 1G-18GHz PK+AV Class B



Radiates Emission from 7GHz to 18GHz

Frequency (MHz)	Peak (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3050.500000	55.0	200.0	V	335.0	45.4	9.6	19.0	74
3502.500000	54.7	200.0	V	335.0	44.6	10.1	19.3	74
4451.500000	55.4	200.0	V	0.0	43.8	11.6	18.6	74
5490.000000	56.1	200.0	V	291.0	43.4	12.7	17.9	74
5932.000000	58.7	200.0	V	326.0	43.4	15.3	15.3	74
8025.750000	52.9	200.0	V	21.0	43.0	9.9	21.1	74

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)

Frequency (MHz)	Average (dBuV/m)	Height (cm)	Polarization	Azimuth (deg)	Reading value (dBuV/m)	Correct Factor (dB)	Margin (dB)	Limit (dBuV/m)
3442.500000	44.3	200.0	V	357.0	34.3	10.0	9.7	54
3628.000000	44.2	200.0	V	358.0	34.0	10.2	9.8	54
4164.500000	44.5	200.0	H	207.0	33.2	11.3	9.5	54
5541.500000	45.7	200.0	H	31.0	32.9	12.8	8.3	54
5873.500000	48.6	200.0	V	291.0	32.8	15.8	5.4	54
8017.500000	42.6	100.0	H	4.0	32.6	10.0	11.4	54

Remark: 1. Correction Factor = Antenna factor+ Insertion loss (cable loss + amplifier gain)