FCC 47 CFR PART 15 SUBPART C AND ANSI C63.10:2013 TEST REPORT

For

Body Camera

Model: DrivePro Body 52

Trade Name: Transcend

Issued for

Transcend Information Inc.

No.70, Xing Zhong Rd., NeiHu Dist., Taipei, Taiwan

Issued by

Compliance Certification Services Inc.
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1. TEST REPORT CERTIFICATION

Applicant	:	Transcend Information Inc.
Address	:	No.70, Xing Zhong Rd., NeiHu Dist., Taipei, Taiwan
Equipment Under Test	:	Body Camera
Model	:	DrivePro Body 52
Trade Name	:	Transcend
Tested Date	:	May 06 ~ 24, 2016

APPLICABLE STANDARD	
Standard	**Test Result**
FCC Part 15 Subpart C AND ANSI C63.10:2013	PASS

WE HEREBY CERTIFY THAT: The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:

Sb. Lu
Sr. Engineer

Reviewed by:

Gundam Lin
Sr. Engineer

2. EUT DESCRIPTION

Product Name	Body Camera
Model Number	DrivePro Body 52
Identify Number	T160506D04
Received Date	May 06, 2016
Frequency Range	IEEE 802.11b/g, 802.11gn HT20 Mode: 2412MHz ~ 2462MHz IEEE 802.11gn HT40 Mode: 2422MHz ~ 2452MHz
Transmit Power	IEEE 802.11b Mode: 16.50 dBm (0.0447 W) IEEE 802.11g Mode: 23.10 dBm (0.2042 W) IEEE 802.11gn HT20 Mode: 23.50 dBm (0.2239 W) IEEE 802.11gn HT40 Mode: 22.50 dBm (0.1778 W)
Channel Spacing	5MHz
Channel Number	IEEE 802.11b/g, 802.11gn HT20 Mode: 11 Channels IEEE 802.11gn HT40 Mode: 7 Channels
Transmit Data Rate	IEEE 802.11b Mode: up to 11 Mbps IEEE 802.11g Mode: up to 54 Mbps IEEE 802.11gn HT20 Mode (800ns GI): up to 65.00 Mbps IEEE 802.11gn HT20 Mode (400ns GI): up to 72.20 Mbps IEEE 802.11gn HT40 Mode (800ns GI): up to 135.00 Mbps IEEE 802.11gn HT40 Mode (400ns GI): up to 150.00 Mbps
Type of Modulation	IEEE 802.11b Mode: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g Mode: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11gn HT20/40 Mode: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Type	Multilayer Ceramic Antenna × 1, Antenna Gain: 3.32 dBi
Power Rating	3.7Vdc, 1530mAh, 5.66Wh (For Battery) 5Vdc (For Charging)
Test Voltage	120Vac, 60Hz
DC Power Cable Type	Shielded USB to 3.5mm audio cable, 1m × 1 (Detachable)
I/O Port	USB Type C Port × 1, 3.5mm Port × 1
Support Equipment	Camera

Power Adapter:

No.	Manufacturer	Model No.	Power Input	Power Output
1	Asian Power Devices Inc.	WB-10G05R	100-240Vac, 50-60Hz, 0.4A Max.	5Vdc, 2A

Remark:

1. *The sample selected for test was engineering sample that approximated to production product and was provided by manufacturer.*
2. *For more details, please refer to the User's manual of the EUT.*
3. *This submittal(s) (test report) is intended for FCC ID: A4Z-DPB52 filing to comply with Section 15.207, 15.209 and 15.247 of the FCC Part 15, Subpart C Rules.*

3. DESCRIPTION OF TEST MODES

The EUT (Body Camera) is an 802.11b/g/n transceiver.

IEEE 802.11b/g, 802.11gn HT20/HT40 Mode: 1TX / 1RX

Conducted Emission / Radiated Emission Test (Below 1 GHz)

1. The following test modes were scanned during the preliminary test:

No.	Pre-Test mode
1	TX Mode

2. After the preliminary scan, the following test mode was found to produce the highest emission level.

Final Test mode		
Emission	Radiated Emission	Mode 1
	Conducted Emission	Mode 1

Remark: *Then, the above highest emission mode of the configuration of the EUT and cable was chosen for all final test items.*

Conducted / Radiated Emission Test (Above 1 GHz)

IEEE 802.11b/g, 802.11gn HT20 Mode:

The EUT had been tested under operating condition.

There are three channels have been tested as following:

Channel	Frequency (MHz)
Low	2412
Middle	2437
High	2462

IEEE 802.11b Mode: 1Mbps data rate (worst case) was chosen for full testing.
IEEE 802.11g Mode: 6Mbps data rate (worst case) was chosen for full testing.
IEEE 802.11gn HT20 Mode: 6.5Mbps data rate (worst case) was chosen for full testing.

IEEE 802.11gn HT40 Mode:

The EUT had been tested under operating condition.

There are three channels have been tested as following:

Channel	Frequency (MHz)
Low	2422
Middle	2437
High	2452

IEEE 802.11gn HT40 Mode: 13.5Mbps data rate (worst case) was chosen for full testing.

Remark : *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 worst case was recorded.*

4. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10:2013 and FCC CFR 47, 15.207, 15.209 and 15.247.

5. FACILITIES AND ACCREDITATION

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

No.989-1, Wenshan Rd., Shangshan Village,
Qionglin Township, Hsinchu County 30741, Taiwan (R.O.C.)

The sites are constructed in conformance with the requirements of ANSI C63.10:2013 and CISPR 22. All receiving equipment conforms to CISPR 16-1-1, CISPR 16-1-2, CISPR 16-1-3, CISPR 16-1-4 and CISPR 16-1-5.

5.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

Taiwan	TAF

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	INDUSTRY CANADA
Japan	VCCI
Taiwan	BSMI
USA	FCC MRA

Copies of granted accreditation certificates are available for downloading from our web site, http:///www.ccsrf.com

Remark: *FCC Designation Number TW1027.*

5.3 MEASUREMENT UNCERTAINTY

The following table is for the measurement uncertainty, which is calculated as per the document CISPR 16-4-2.

PARAMETER	UNCERTAINTY
Semi Anechoic Chamber (966 Chamber_B) / Radiated Emission, 30 to 1000 MHz	+/- 3.97
Semi Anechoic Chamber (966 Chamber_B) / Radiated Emission, 1 to 18GHz	+/- 3.58
Semi Anechoic Chamber (966 Chamber_B) / Radiated Emission, 18 to 26 GHz	+/- 3.59
Semi Anechoic Chamber (966 Chamber_B) / Radiated Emission, 26 to 40 GHz	+/- 3.81
Conducted Emission (Mains Terminals), 9kHz to 30MHz	+/- 2.48

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Consistent with industry standard (e.g. CISPR 22, clause 11, Measurement Uncertainty) determining compliance with the limits shall be base on the results of the compliance measurement. Consequently the measure emissions being less than the maximum allowed emission result in this be a compliant test or passing test.

The acceptable measurement uncertainty value without requiring revision of the compliance statement is base on conducted and radiated emissions being less than U_{CISPR} which is 3.6dB and 5.2dB respectively. CCS values (called U_{Lab} in CISPR 16-4-2) is less than U_{CISPR} as shown in the table above. Therefore, MU need not be considered for compliance.

6. SETUP OF EQUIPMENT UNDER TEST

SUPPORT EQUIPMENT

No.	Product	Manufacturer	Model No.	Serial No.
1	Notebook PC	HP	ProBook 4421s	CNF03242PJ

SETUP DIAGRAM FOR TESTS

EUT & peripherals setup diagram is shown in appendix setup photos.

EUT OPERATING CONDITION

1. EUT & peripherals setup diagram is shown in appendix setup photos.
2. TX mode:
   - ⇨ **TX Data Rate:** 1Mbps Bandwidth 20 (IEEE 802.11b Mode)
     6Mbps Bandwidth 20 (IEEE 802.11g Mode)
     6.5Mbps Bandwidth 20 (IEEE 802.11gn HT20 Mode)
     13.5Mbps Bandwidth 40 (IEEE 802.11gn HT40 Mode)
   - ⇨ **Power control**
     IEEE 802.11b Mode Channel Low (2412MHz) Power set 36
     IEEE 802.11b Mode Channel Mid (2437MHz) Power set 36
     IEEE 802.11b Mode Channel High (2462MHz) Power set 36
     IEEE 802.11g Mode Channel Low (2412MHz) Power set 52
     IEEE 802.11g Mode Channel Mid (2437MHz) Power set 52
     IEEE 802.11g Mode Channel High (2462MHz) Power set 52
     IEEE 802.11gn HT20 Mode Channel Low (2412MHz) Power set 52
     IEEE 802.11gn HT20 Mode Channel Mid (2437MHz) Power set 52
     IEEE 802.11gn HT20 Mode Channel High (2462MHz) Power set 52
     IEEE 802.11gn HT40 Mode Channel Low (2422MHz) Power set 52
     IEEE 802.11gn HT40 Mode Channel Mid (2437MHz) Power set 52
     IEEE 802.11gn HT40 Mode Channel High (2452MHz) Power set 52
3. All of the functions are under run.
4. Start test.

7. FCC PART 15.247 REQUIREMENTS

7.1 DUTY CYCLE MEASUREMENT

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/17
Test Mode	TX Mode	Temp. & Humidity	25°C, 50%

Mode	TX on (ms)	TX on + off (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
IEEE 802.11b	1.000	1.000	100.00%	0.00	0.010
IEEE 802.11g	1.000	1.000	100.00%	0.00	0.010
IEEE 802.11gn HT20	1.000	1.000	100.00%	0.00	0.010
IEEE 802.11gn HT40	1.000	1.000	100.00%	0.00	0.010

7.2 6dB BANDWIDTH

LIMITS

§ 15.247(a) (2) For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz.

TEST EQUIPMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EXA Signal Analyzer	Agilent	N9010A	MY52220817	03/15/2017
Test S/W	N/A			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

TEST SETUP

TEST PROCEDURE

1. The transmitter output was connected to a spectrum analyzer.
2. Set RBW = 100 kHz.
3. Set the video bandwidth (VBW) ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Sweep = auto couple.
7. Allow the trace to stabilize.
8. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

TEST RESULTS

Product Name	Body Camera	Test By	Crystal Wu
Test Model	DrivePro Body 52	Test Date	2016/05/11
Test Mode	TX Mode	Temp. & Humidity	28°C, 61%

IEEE 802.11b Mode

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (kHz)	Result
Low	2412	10.05	500	PASS
Middle	2437	10.03	500	PASS
High	2462	10.07	500	PASS

IEEE 802.11g Mode

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (kHz)	Result
Low	2412	16.57	500	PASS
Middle	2437	16.53	500	PASS
High	2462	16.57	500	PASS

IEEE 802.11gn HT20 Mode

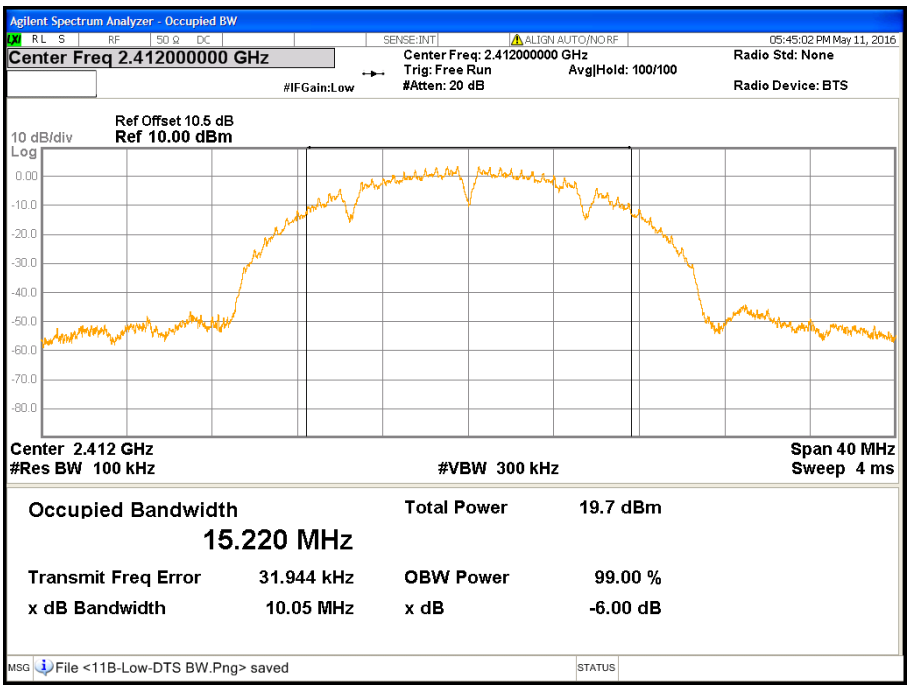
Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (kHz)	Result
Low	2412	17.79	500	PASS
Middle	2437	17.76	500	PASS
High	2462	17.79	500	PASS

IEEE 802.11gn HT40 Mode

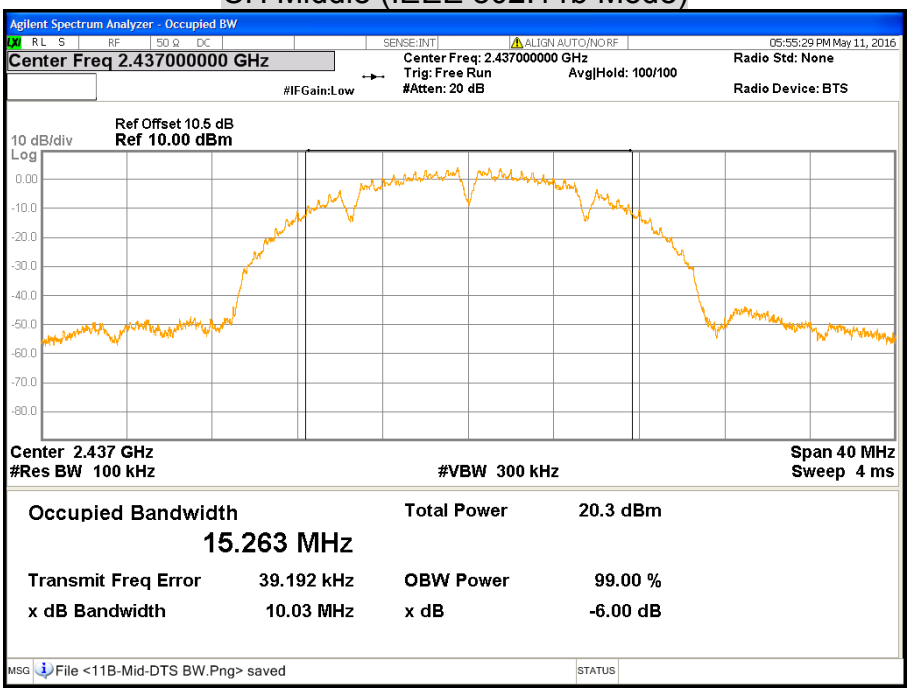
Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Minimum Limit (kHz)	Result
Low	2422	36.48	500	PASS
Middle	2437	36.49	500	PASS
High	2452	36.48	500	PASS

6dB BANDWIDTH

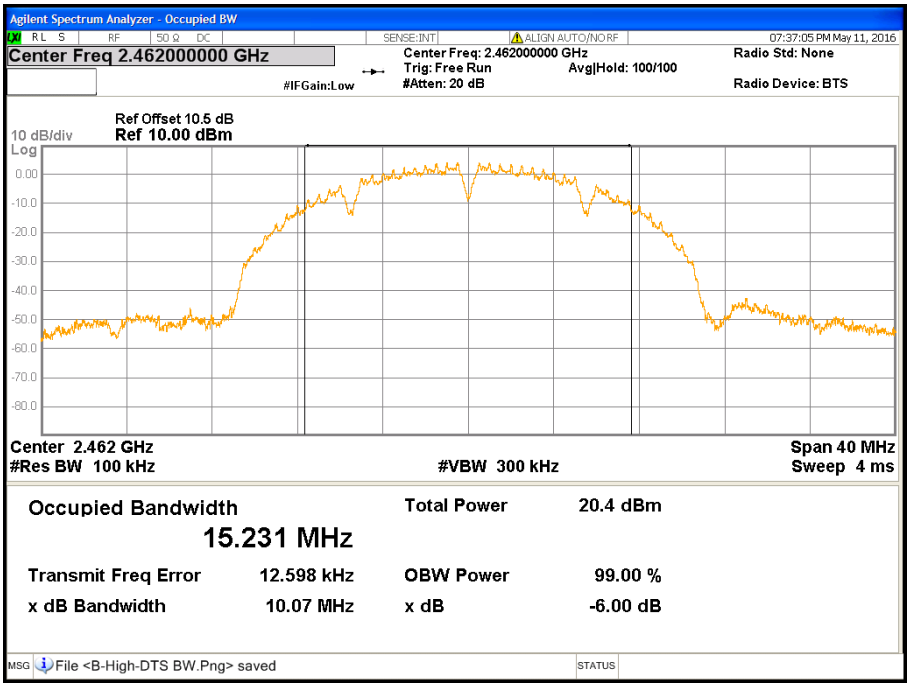
CH Low (IEEE 802.11b Mode)



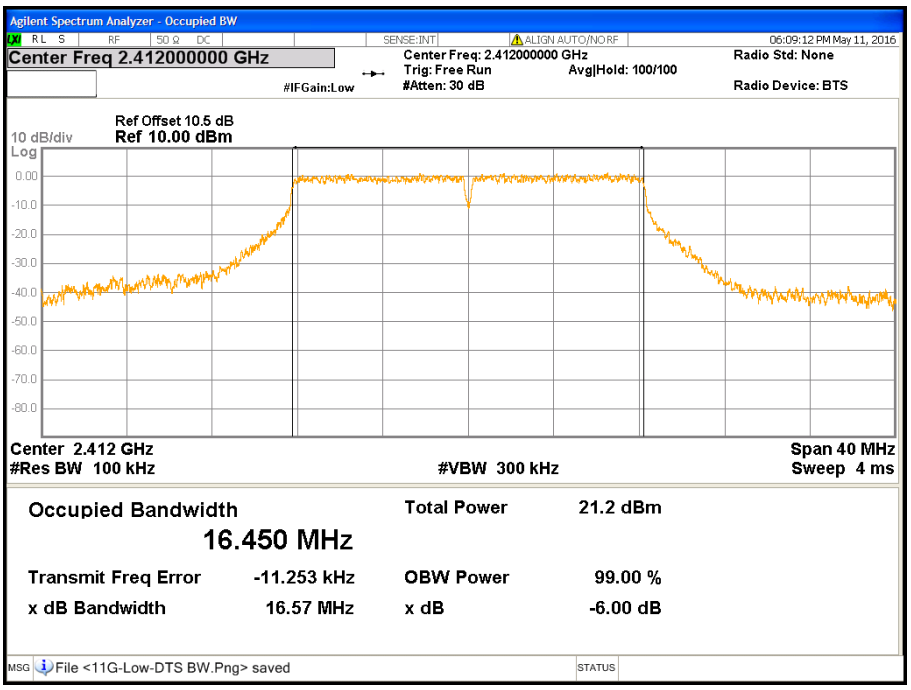
CH Middle (IEEE 802.11b Mode)



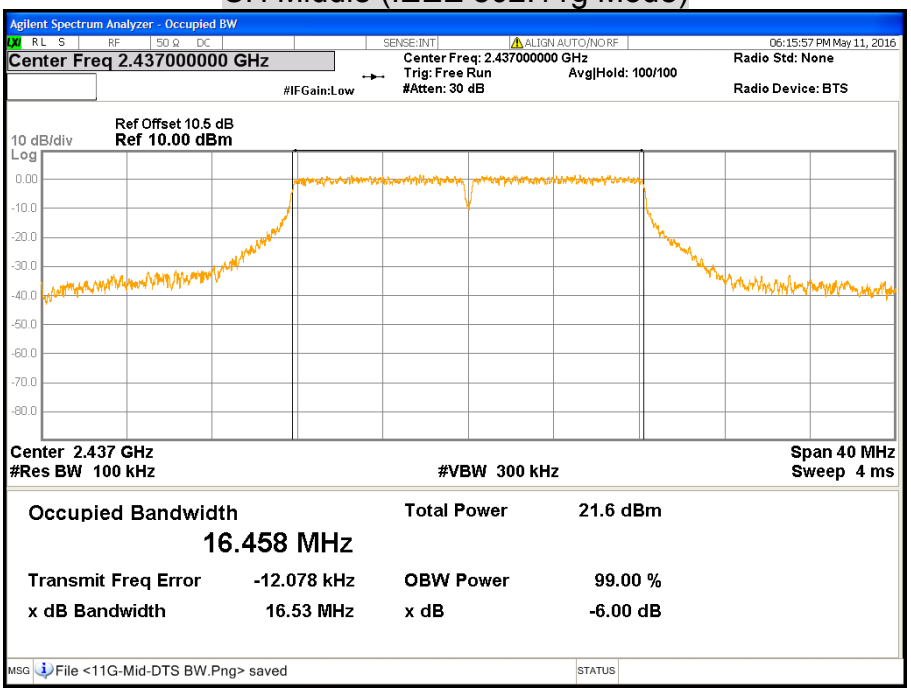
CH High (IEEE 802.11b Mode)



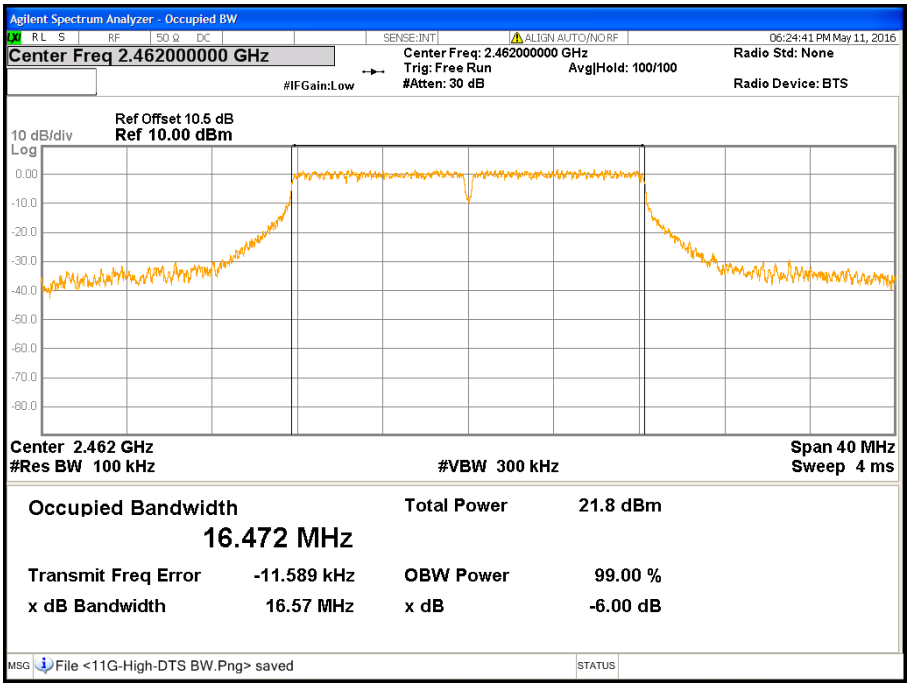
CH Low (IEEE 802.11g Mode)



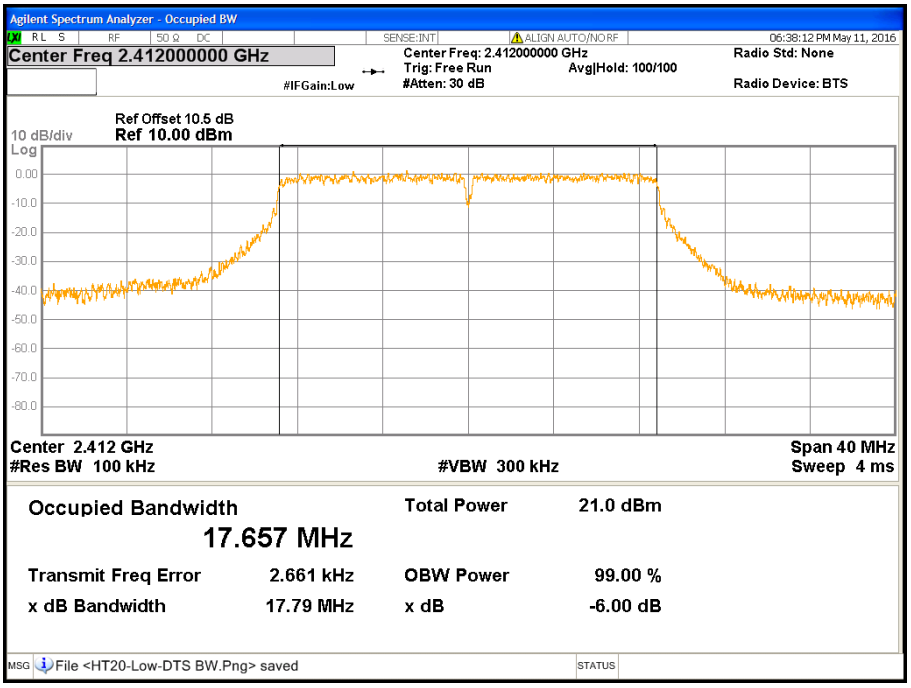
CH Middle (IEEE 802.11g Mode)



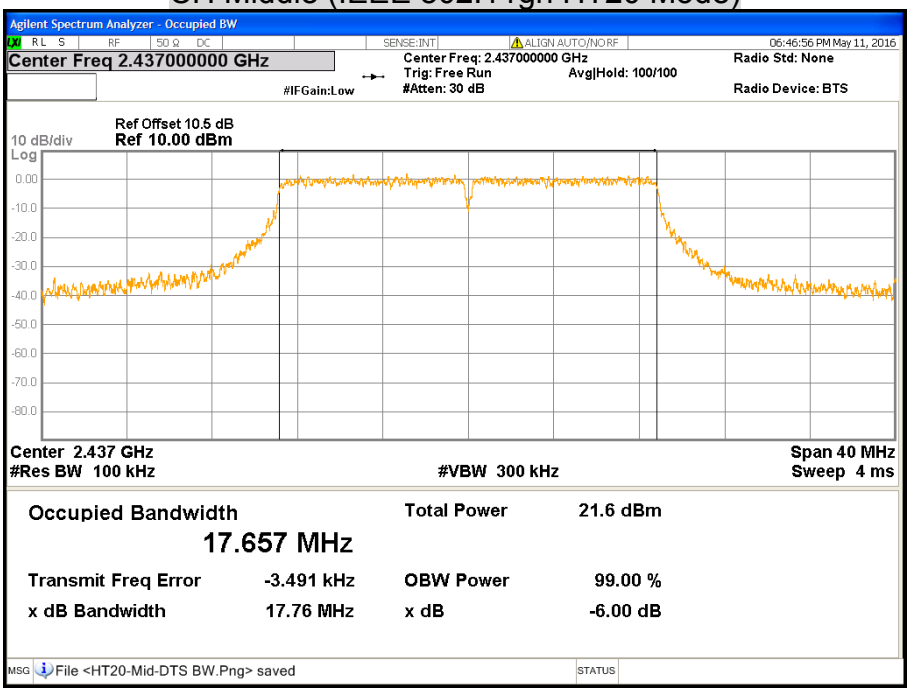
CH High (IEEE 802.11g Mode)



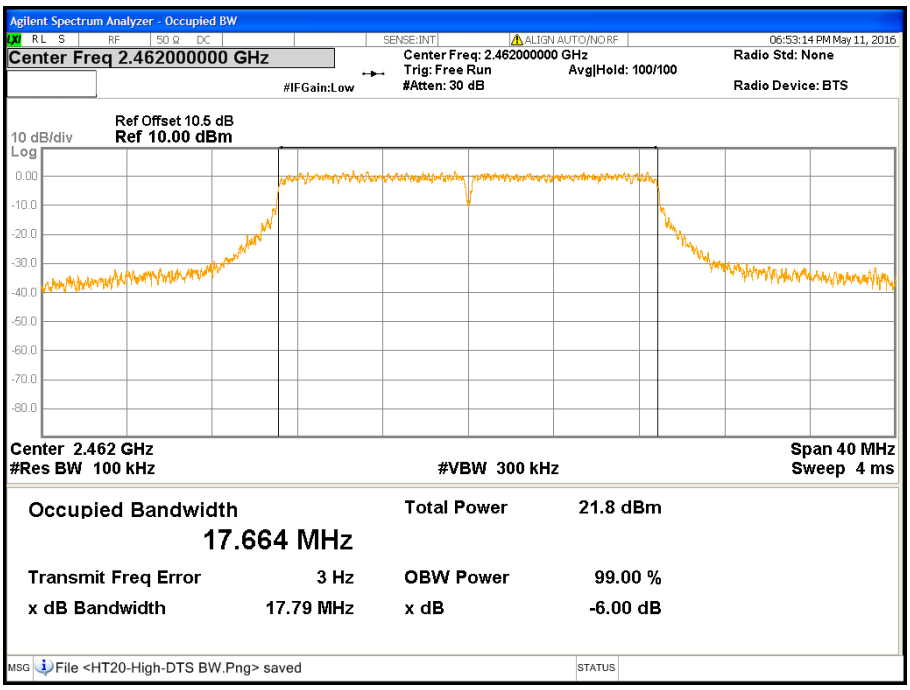
CH Low (IEEE 802.11gn HT20 Mode)



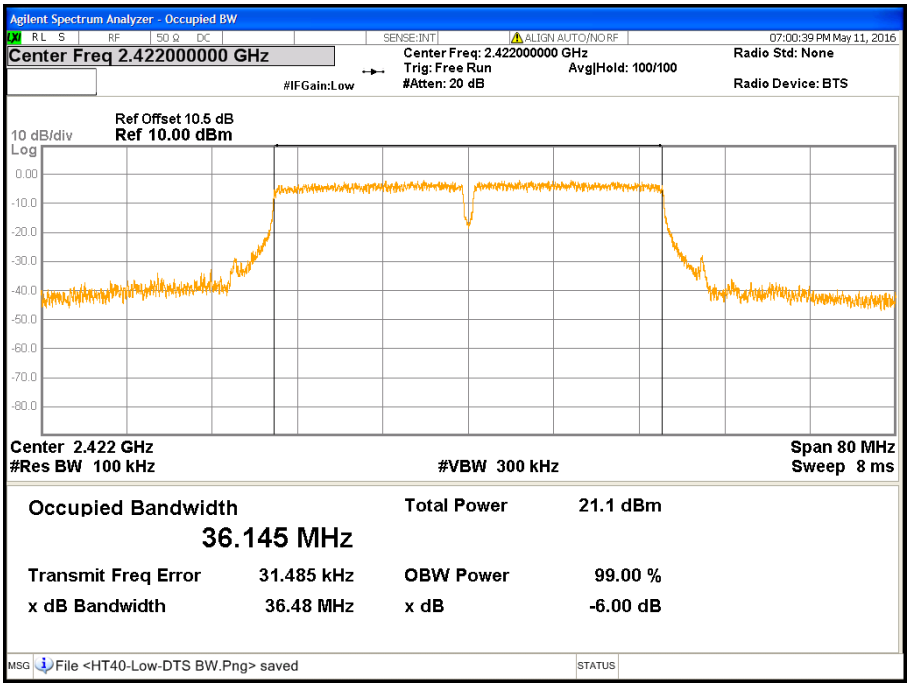
CH Middle (IEEE 802.11gn HT20 Mode)



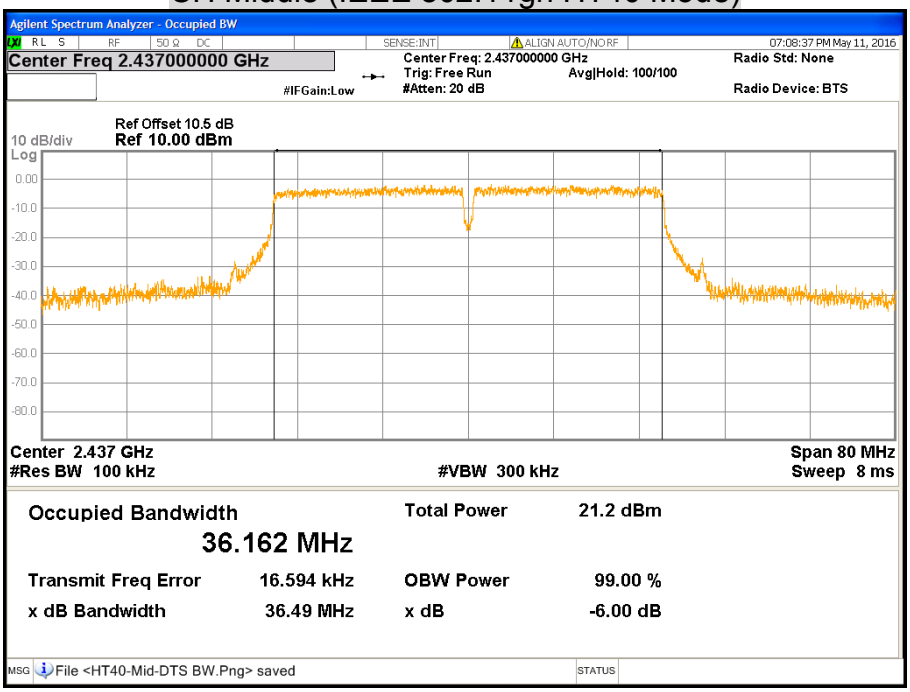
CH High (IEEE 802.11gn HT20 Mode)



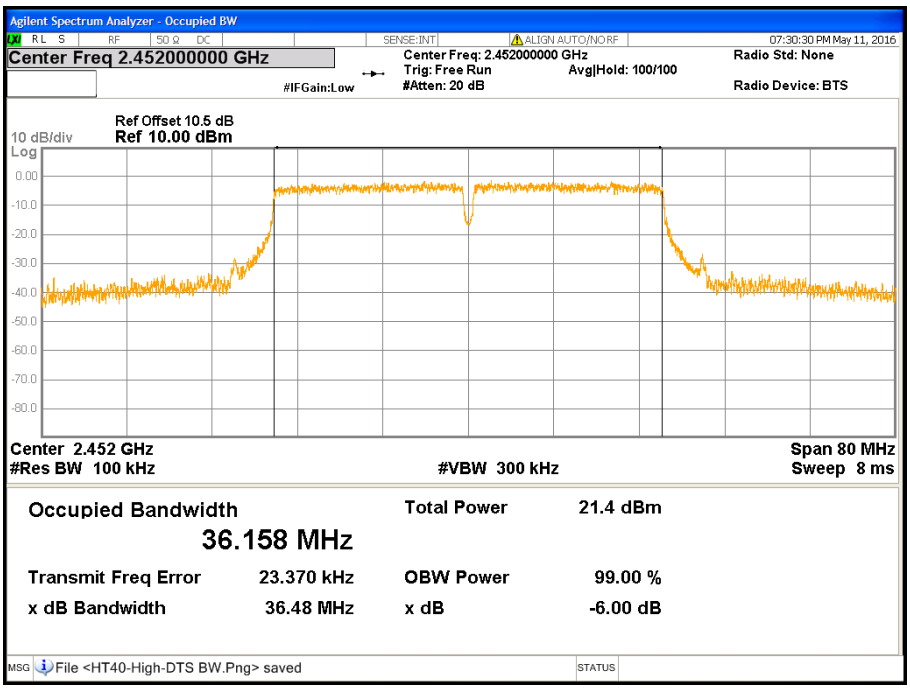
CH Low (IEEE 802.11gn HT40 Mode)



CH Middle (IEEE 802.11gn HT40 Mode)



CH High (IEEE 802.11gn HT40 Mode)



7.3 MAXIMUM PEAK OUTPUT POWER

LIMITS

§ 15.247(b) The maximum peak output power of the intentional radiator shall not exceed the following:
§ 15.247(b) (3) For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 watt.
§ 15.247(b) (4) Except as shown in paragraphs (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used the peak output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1) or (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

§ KDB 662911: For power measurements on IEEE 802.11 devices
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;
Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;
Array Gain = 5 log(N_{ANT}/N_{SS}) dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

TEST EQUIPMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Power Meter	Anritsu	ML2495A	1149001	12/08/2016
Power Sensor	Anritsu	MA2411B	1126148	12/08/2016
Test S/W	N/A			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

TEST SETUP

TEST PROCEDURE

The transmitter output is connected to the power meter. The power meter is set to the peak power detection.

TEST RESULTS

Product Name	Body Camera	Test By	Crystal Wu
Test Model	DrivePro Body 52	Test Date	2016/05/11
Test Mode	TX Mode	Temp. & Humidity	28°C, 61%

IEEE 802.11b Mode

Channel	Channel Frequency (MHz)	Peak Power (dBm)		Peak Power Limit		Result
		(dBm)	(W)	(dBm)	(W)	
Low	2412	15.69	0.0371	30.00	1.0000	PASS
Middle	2437	16.44	0.0441	30.00	1.0000	PASS
High	2462	16.50	0.0447	30.00	1.0000	PASS

Remark:

1. *At finial test to get the worst-case emission at 1Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.*

IEEE 802.11g Mode

Channel	Channel Frequency (MHz)	Peak Power (dBm)		Peak Power Limit		Result
		(dBm)	(W)	(dBm)	(W)	
Low	2412	22.36	0.1722	30.00	1.0000	PASS
Middle	2437	22.91	0.1954	30.00	1.0000	PASS
High	2462	23.10	0.2042	30.00	1.0000	PASS

Remark:

1. *At finial test to get the worst-case emission at 6Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.*

IEEE 802.11gn HT20 Mode

Channel	Channel Frequency (MHz)	Peak Power (dBm)		Peak Power Limit		Result
		(dBm)	(W)	(dBm)	(W)	
Low	2412	22.50	0.1778	30.00	1.0000	PASS
Middle	2437	23.20	0.2089	30.00	1.0000	PASS
High	2462	23.50	0.2239	30.00	1.0000	PASS

Remark:

1. *At finial test to get the worst-case emission at 6.5Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.*

IEEE 802.11gn HT40 Mode

Channel	Channel Frequency (MHz)	Peak Power (dBm)		Peak Power Limit		Result
		(dBm)	(W)	(dBm)	(W)	
Low	2422	22.40	0.1738	30.00	1.0000	PASS
Middle	2437	22.50	0.1778	30.00	1.0000	PASS
High	2452	22.50	0.1778	30.00	1.0000	PASS

Remark:

1. *At finial test to get the worst-case emission at 13.5Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the power meter to allow for direct reading of power.*

7.4 AVERAGE POWER

LIMITS

None: For reporting purposes only.

TEST EQUIPMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Power Meter	Anritsu	ML2495A	1149001	12/08/2016
Power Sensor	Anritsu	MA2411B	1126148	12/08/2016
Test S/W	N/A			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

TEST SETUP

TEST PROCEDURE

The transmitter output is connected to the power meter. The power meter is set to the average power detection.

TEST RESULTS

Product Name	Body Camera	Test By	Crystal Wu
Test Model	DrivePro Body 52	Test Date	2016/05/11
Test Mode	TX Mode	Temp. & Humidity	28°C, 61%

IEEE 802.11b Mode

Channel	Channel Frequency (MHz)	Average Power (dBm)
Low	2412	13.27
Middle	2437	13.89
High	2462	14.10

Remark:
1. *At finial test to get the worst-case emission at 1Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

IEEE 802.11g Mode

Channel	Channel Frequency (MHz)	Average Power (dBm)
Low	2412	15.61
Middle	2437	16.07
High	2462	16.20

Remark:
1. *At finial test to get the worst-case emission at 6Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

IEEE 802.11gn HT20 Mode

Channel	Channel Frequency (MHz)	Average Power (dBm)
Low	2412	15.50
Middle	2437	16.10
High	2462	16.30

Remark:
1. *At finial test to get the worst-case emission at 6.5Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

IEEE 802.11gn HT40 Mode

Channel	Channel Frequency (MHz)	Average Power (dBm)
Low	2422	15.50
Middle	2437	15.60
High	2452	15.80

Remark:

1. *At finial test to get the worst-case emission at 13.5Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

7.5 POWER SPECTRAL DENSITY

LIMITS

§ 15.247(e) For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

TEST EQUIPMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EXA Signal Analyzer	Agilent	N9010A	MY52220817	03/15/2017
Test S/W	N/A			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

TEST SETUP

TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer.
2. Set analyzer center frequency to DTS channel center frequency.
3. Set the span to 1.5 times the DTS channel bandwidth.
4. Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
5. Set the VBW ≥ 3 x RBW.
6. Detector = peak.
7. Sweep time = auto couple.
8. Trace mode = max hold.
9. Allow trace to fully stabilize.
10. Use the peak marker function to determine the maximum amplitude level within the RBW.
11. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST RESULTS

Product Name	Body Camera	Test By	Crystal Wu
Test Model	DrivePro Body 52	Test Date	2016/05/11
Test Mode	TX Mode	Temp. & Humidity	28°C, 61%

IEEE 802.11b Mode

Channel	Channel Frequency (MHz)	Final RF Power Level in 3KHz BW (dBm)	Minimum Limit (dBm)	Result
Low	2412	-6.93	8	PASS
Middle	2437	-6.34	8	PASS
High	2462	-6.20	8	PASS

Remark:

1. *At finial test to get the worst-case emission at 1Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

IEEE 802.11g Mode

Channel	Channel Frequency (MHz)	Final RF Power Level in 3KHz BW (dBm)	Minimum Limit (dBm)	Result
Low	2412	-6.76	8	PASS
Middle	2437	-6.30	8	PASS
High	2462	-6.15	8	PASS

Remark:

1. *At finial test to get the worst-case emission at 6Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

IEEE 802.11gn HT20 Mode

Channel	Channel Frequency (MHz)	Final RF Power Level in 3KHz BW (dBm)	Minimum Limit (dBm)	Result
Low	2412	-5.94	8	PASS
Middle	2437	-5.08	8	PASS
High	2462	-5.18	8	PASS

Remark:

1. *At finial test to get the worst-case emission at 6.5Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

IEEE 802.11gn HT40 Mode

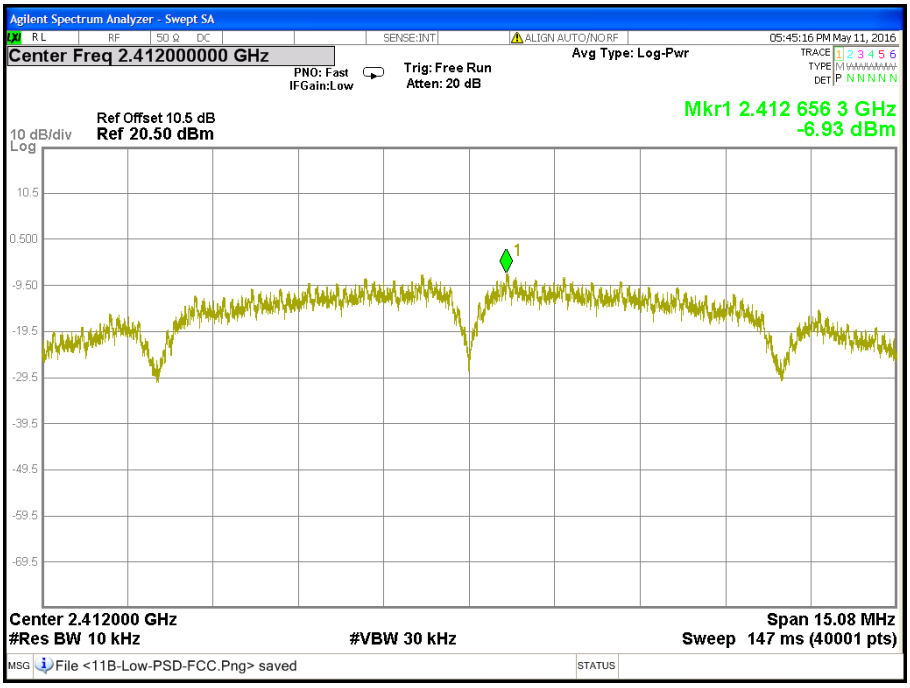
Channel	Channel Frequency (MHz)	Final RF Power Level in 3KHz BW (dBm)	Minimum Limit (dBm)	Result
Low	2422	-9.35	8	PASS
Middle	2437	-7.49	8	PASS
High	2452	-7.31	8	PASS

Remark:

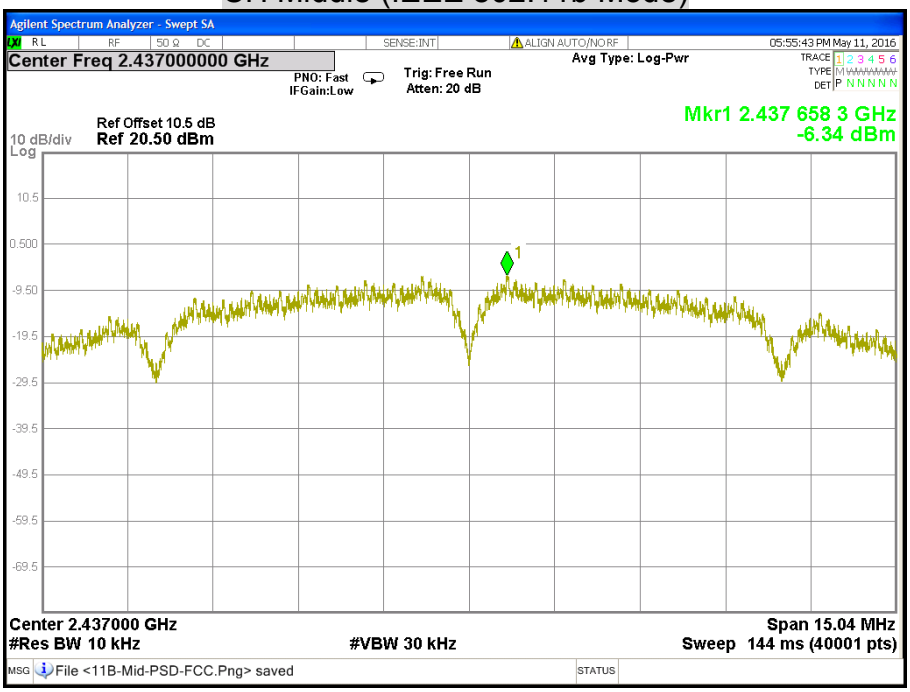
1. *At finial test to get the worst-case emission at 13.5Mbps.*
2. *The cable assembly insertion loss of 10.5 dB (including 10 dB pad and 0.5 dB cable) was entered as an offset in the spectrum analyzer to allow for direct reading of power.*

POWER SPECTRAL DENSITY

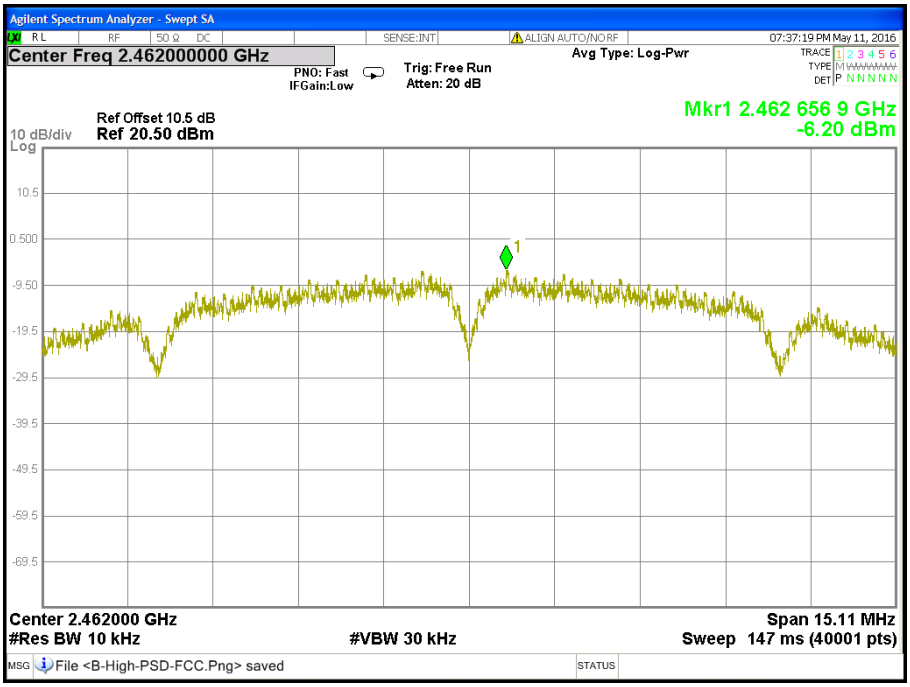
CH Low (IEEE 802.11b Mode)



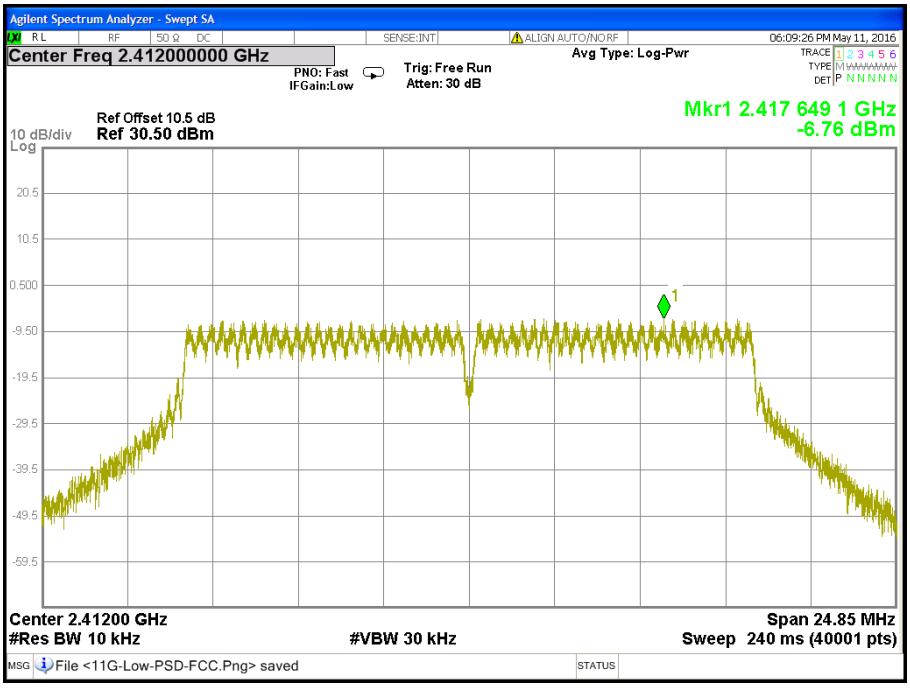
CH Middle (IEEE 802.11b Mode)



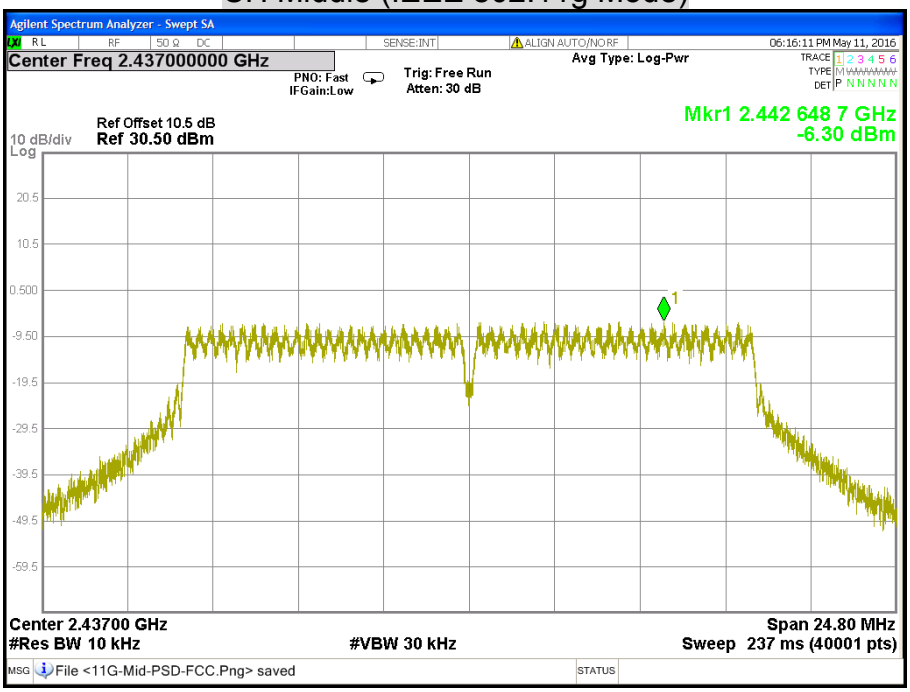
CH High (IEEE 802.11b Mode)



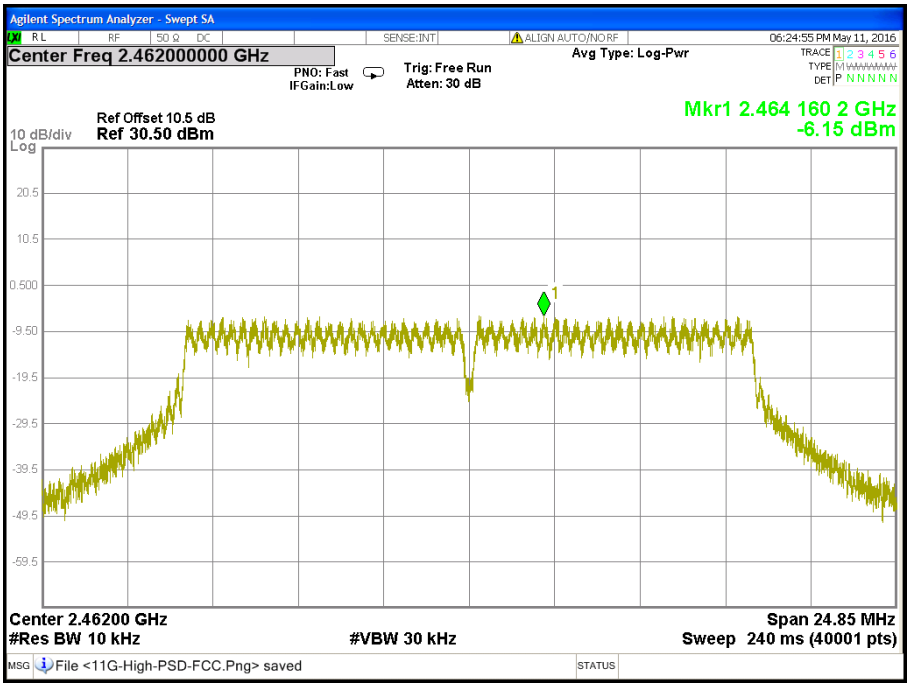
CH Low (IEEE 802.11g Mode)



CH Middle (IEEE 802.11g Mode)



CH High (IEEE 802.11g Mode)



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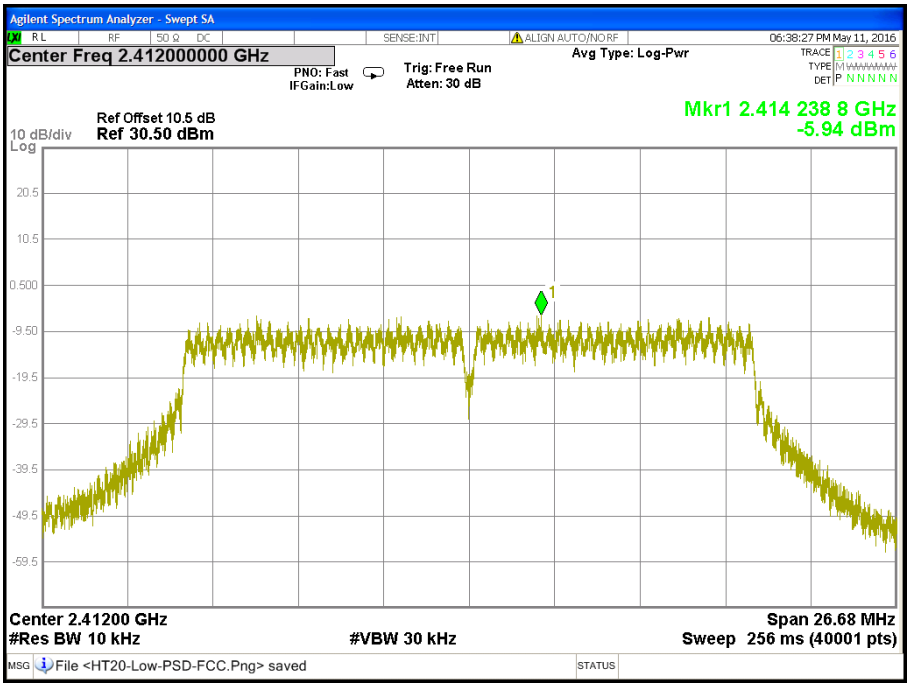
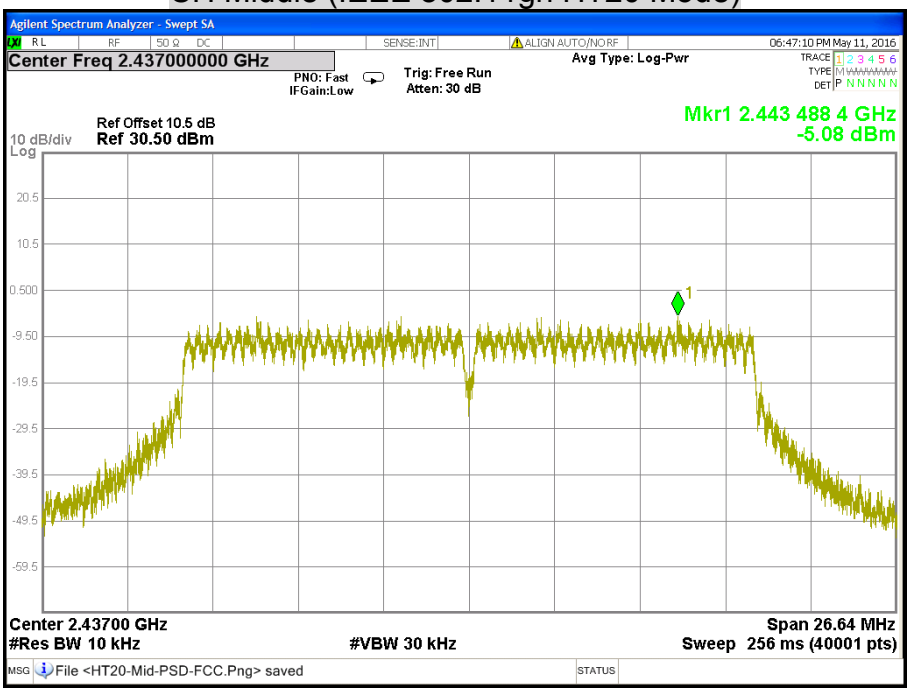
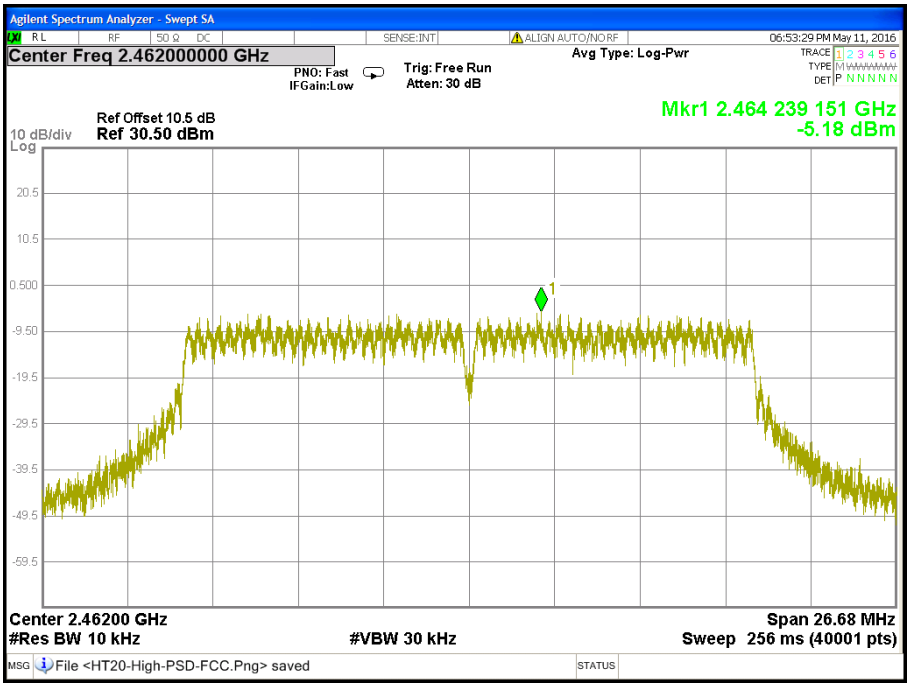


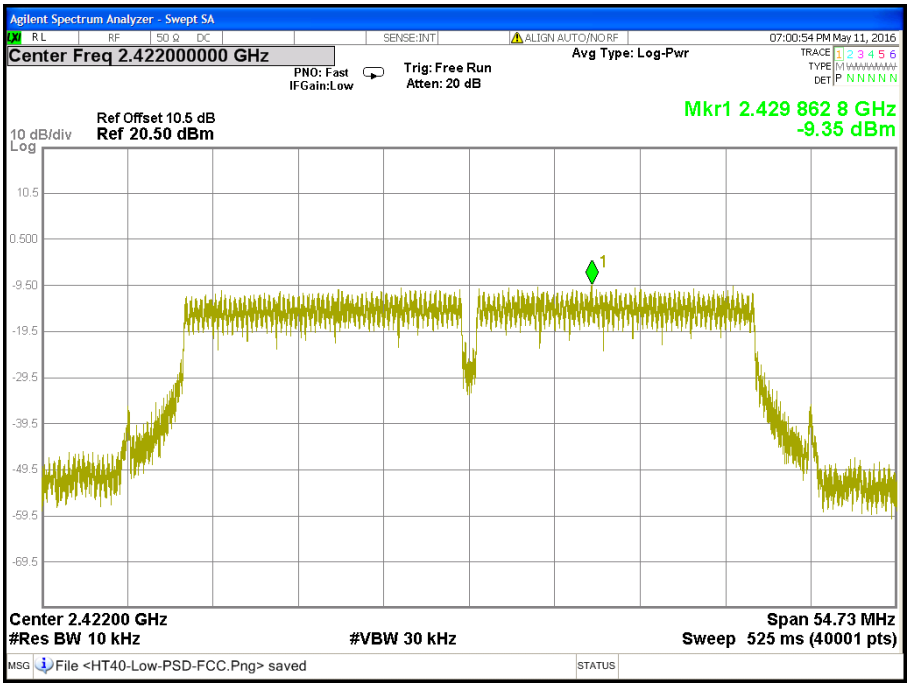
CH Middle (IEEE 802.11gn HT20 Mode)



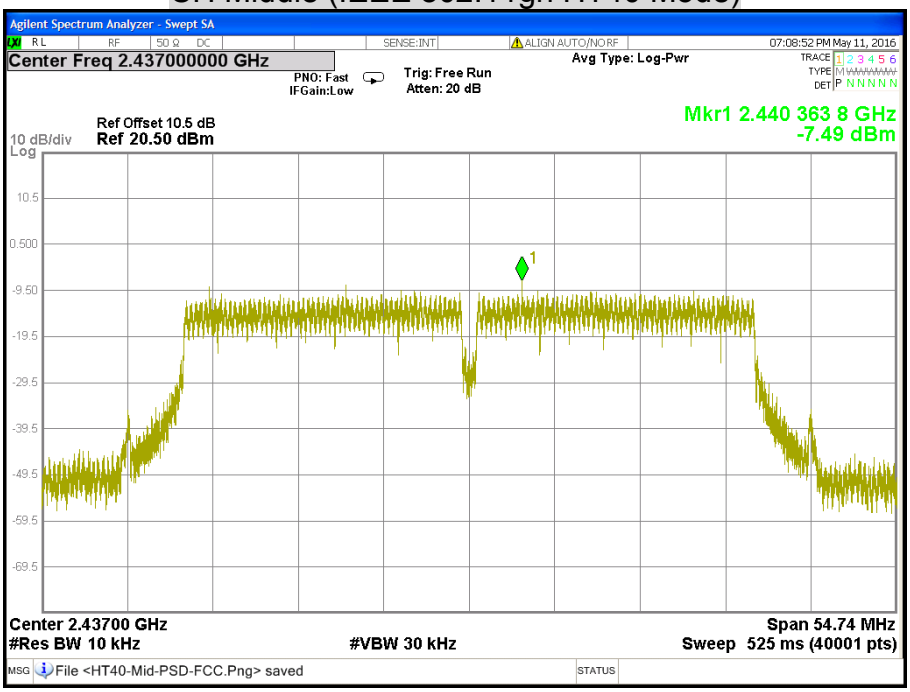
CH High (IEEE 802.11gn HT20 Mode)



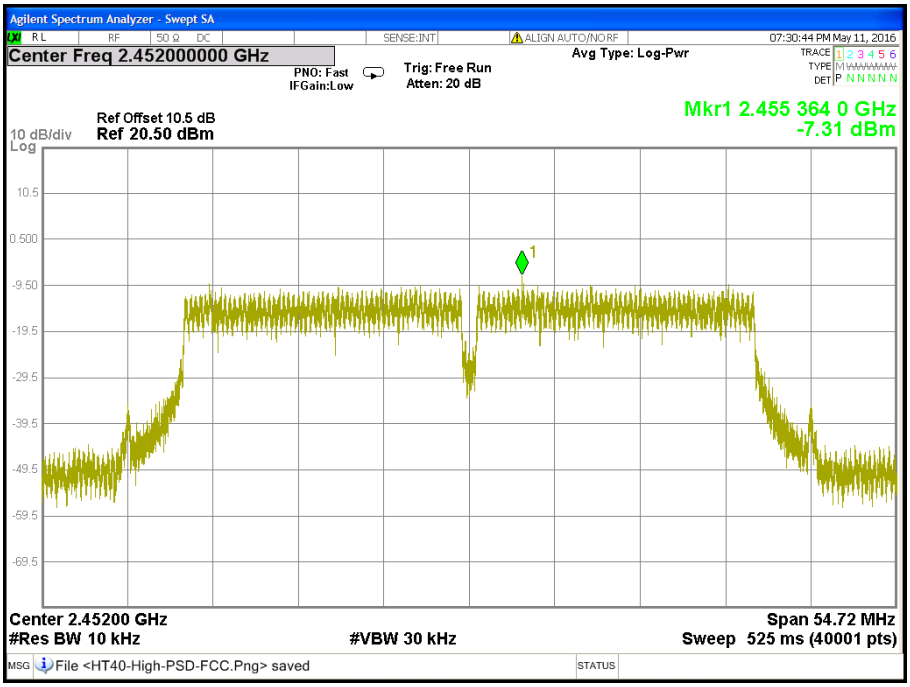
CH Low (IEEE 802.11gn HT40 Mode)



CH Middle (IEEE 802.11gn HT40 Mode)



CH High (IEEE 802.11gn HT40 Mode)



7.6 CONDUCTED SPURIOUS EMISSION

LIMITS

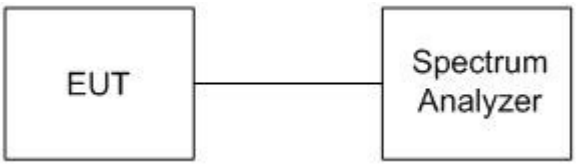
§ 15.247(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the and that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

TEST EQUIPMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EXA Signal Analyzer	Agilent	N9010A	MY52220817	03/15/2017
Test S/W	N/A			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

TEST SETUP



TEST PROCEDURE

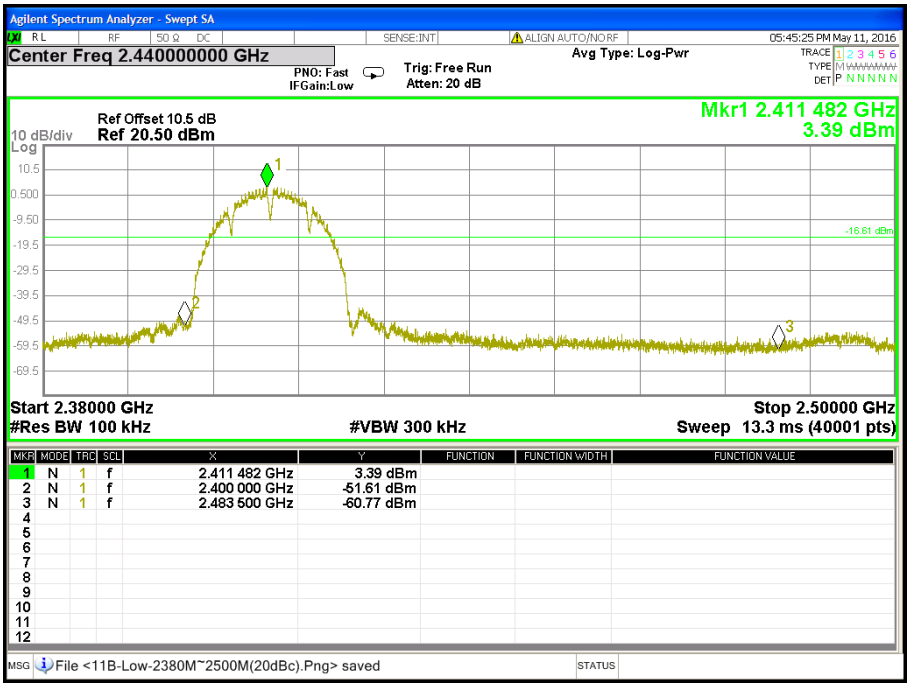
The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz.
The spectrum from 30 MHz to 26.5 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in the 2.4 GHz band.

TEST RESULTS

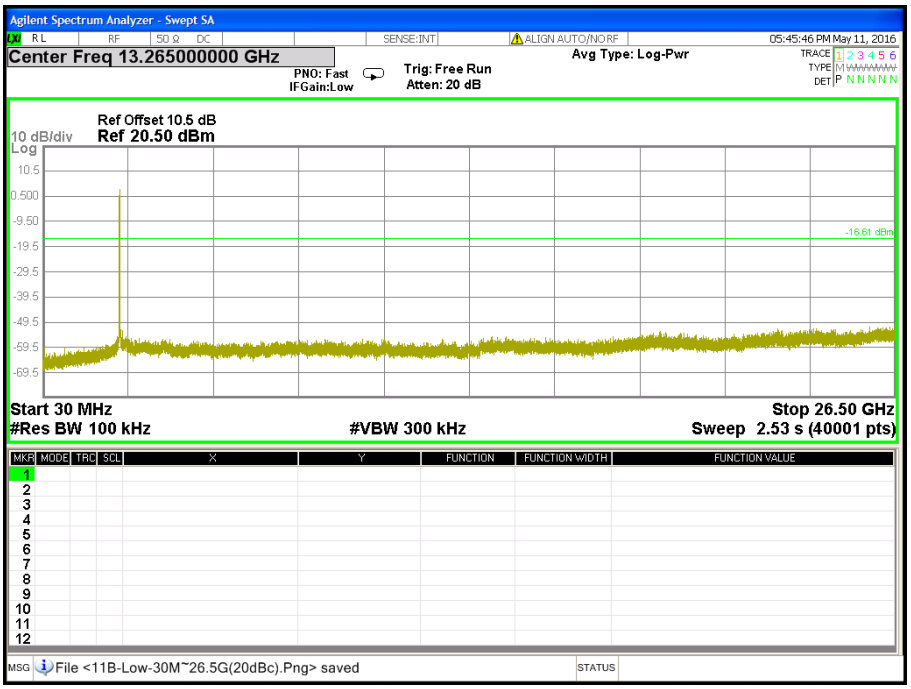
Product Name	Body Camera	Test By	Crystal Wu
Test Model	DrivePro Body 52	Test Date	2016/05/11
Test Mode	TX Mode	Temp. & Humidity	28°C, 61%

OUT-OF-BAND SPURIOUS EMISSIONS-CONDUCTED MEASUREMENT

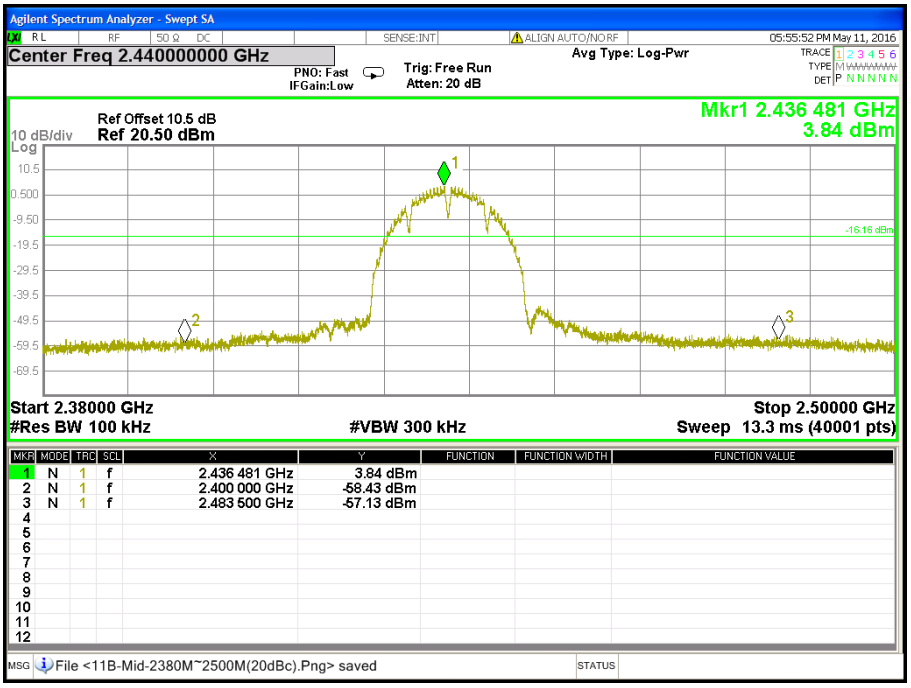
CH Low (2.38GHz ~ 2.5GHz / IEEE 802.11b Mode)



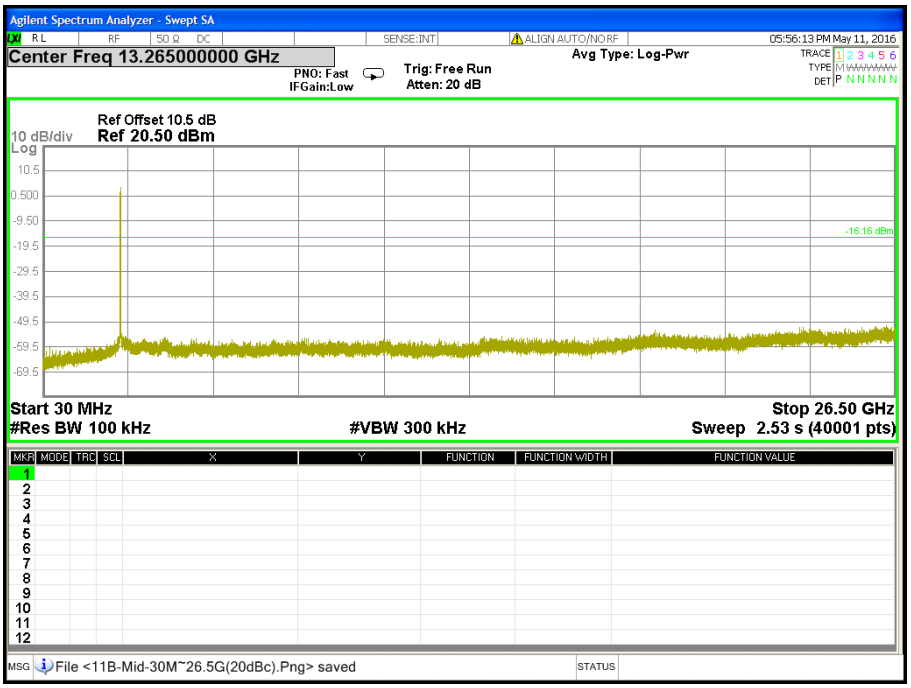
CH Low (30MHz ~ 26.5GHz / IEEE 802.11b Mode)



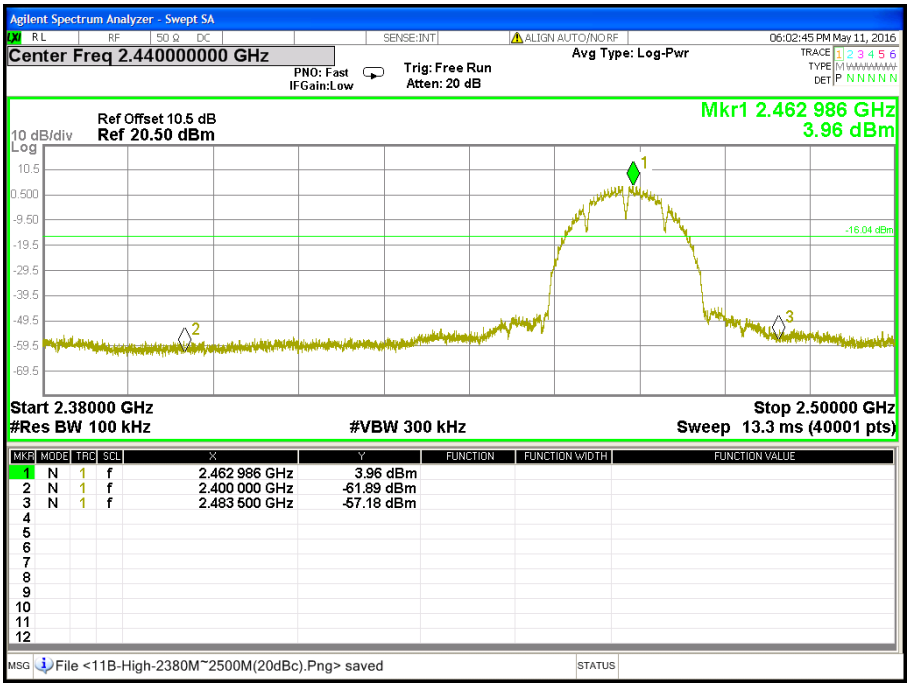
CH Middle (2.38GHz ~ 2.5GHz / IEEE 802.11b Mode)



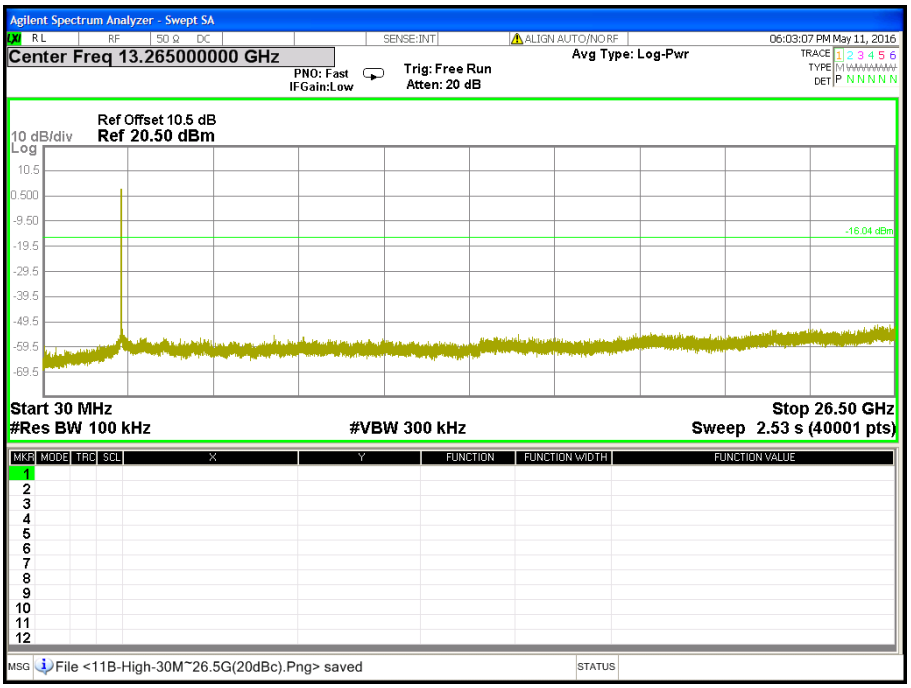
CH Middle (30MHz ~ 26.5GHz / IEEE 802.11b Mode)



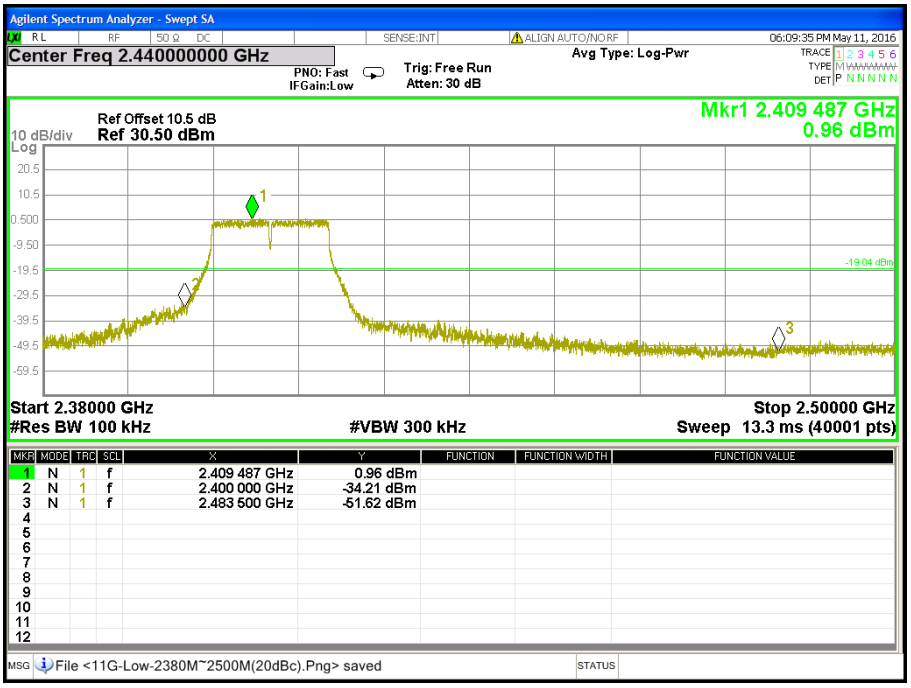
CH High (2.38GHz ~ 2.5GHz / IEEE 802.11b Mode)



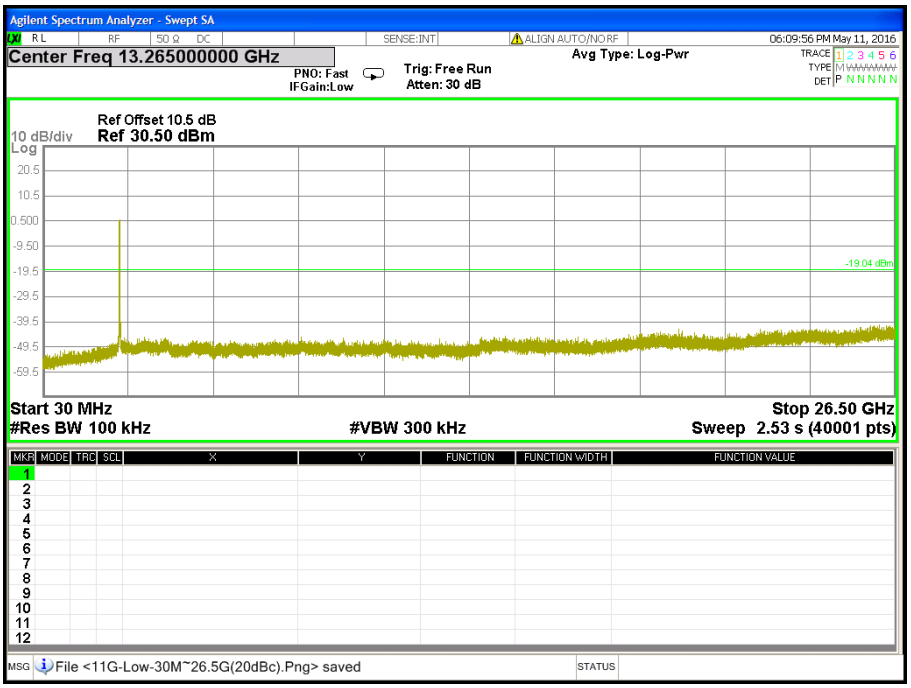
CH High (30MHz ~ 26.5GHz / IEEE 802.11b Mode)



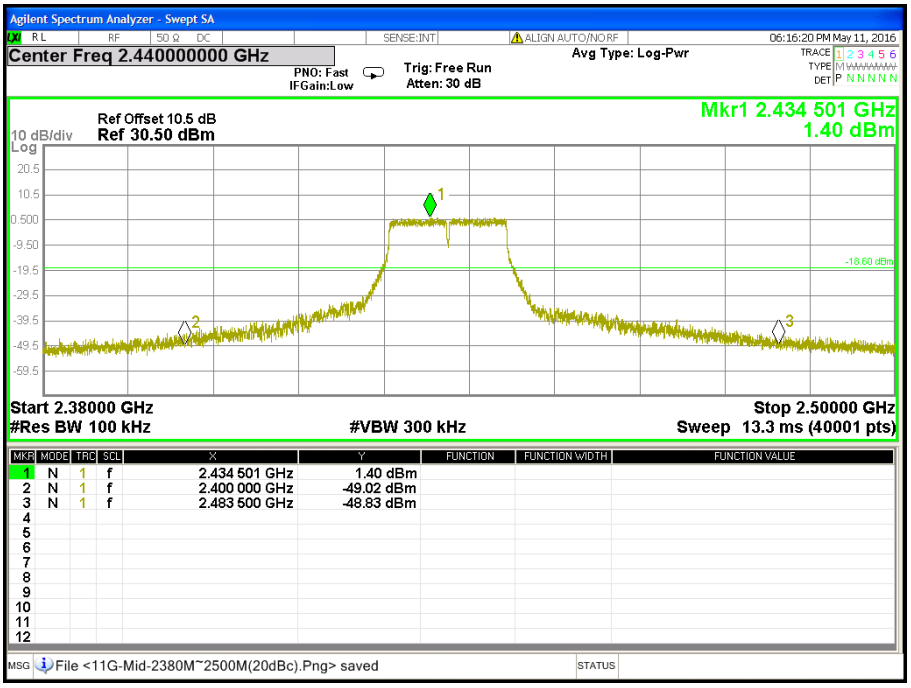
CH Low (2.38GHz ~ 2.5GHz / IEEE 802.11g Mode)



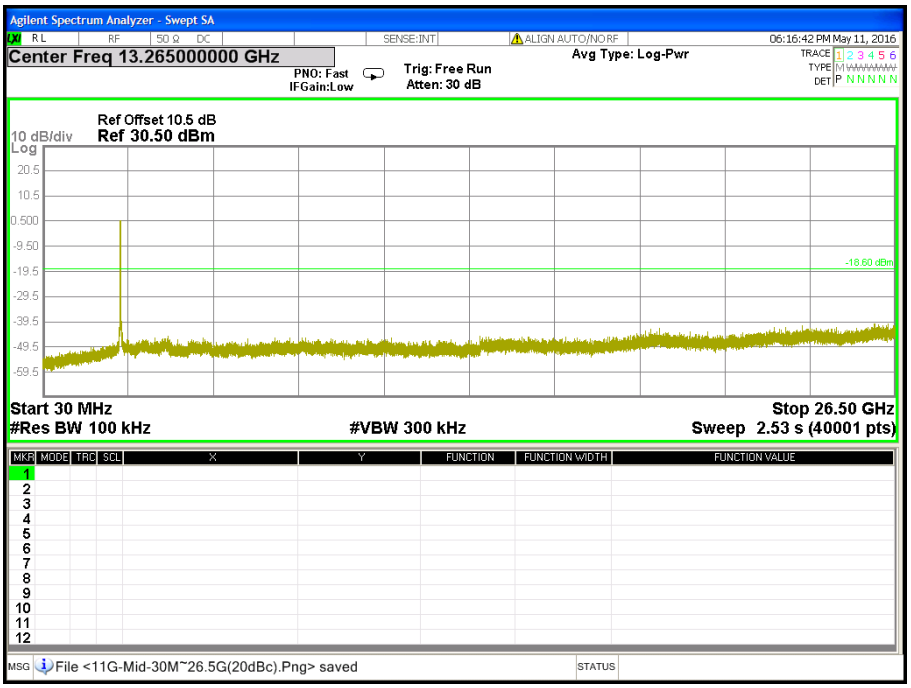
CH Low (30MHz ~ 26.5GHz / IEEE 802.11g Mode)



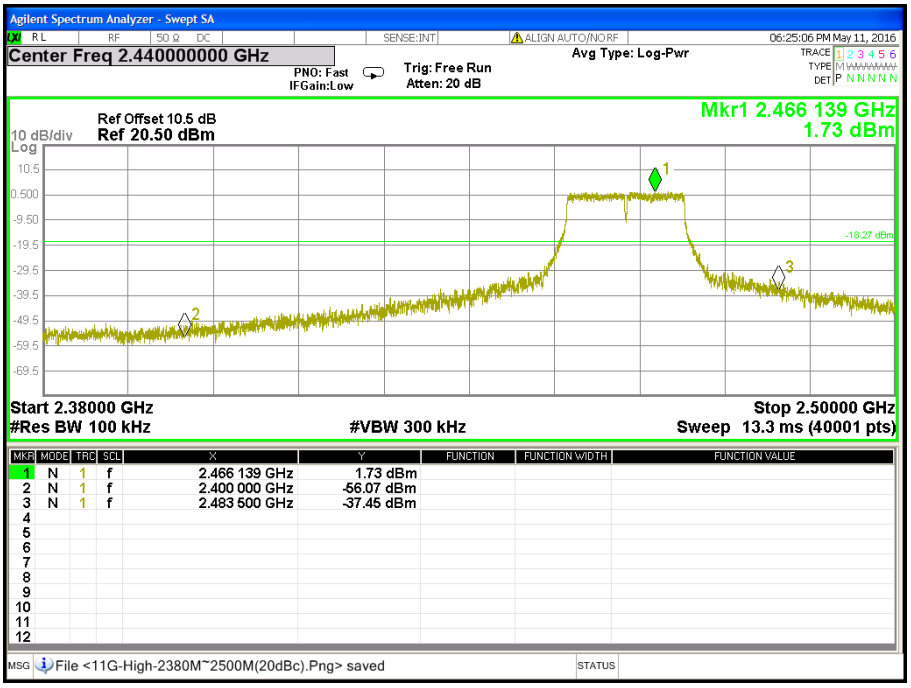
CH Middle (2.38GHz ~ 2.5GHz / IEEE 802.11g Mode)



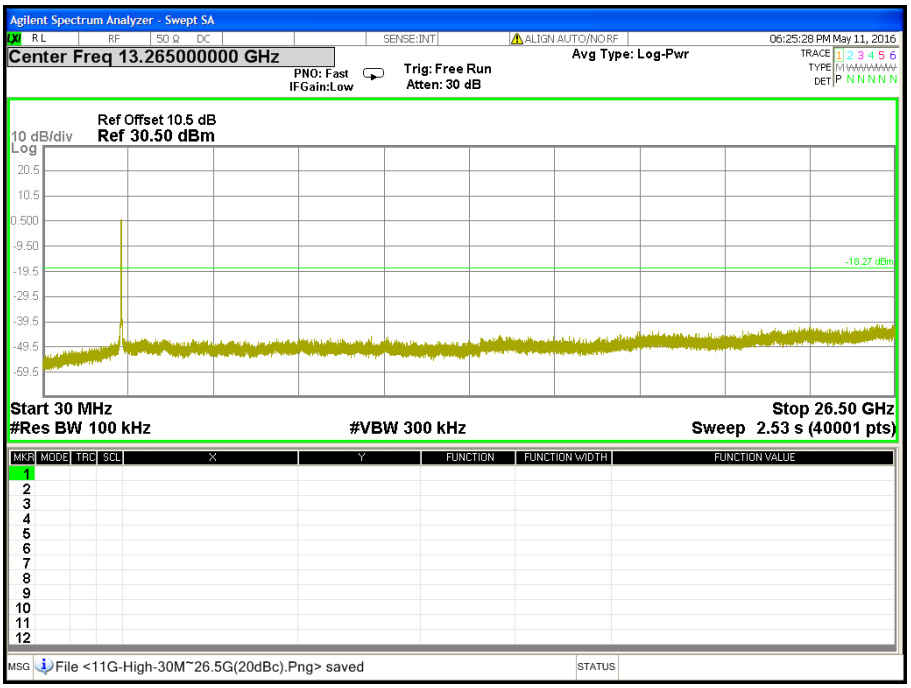
CH Middle (30MHz ~ 26.5GHz / IEEE 802.11g Mode)



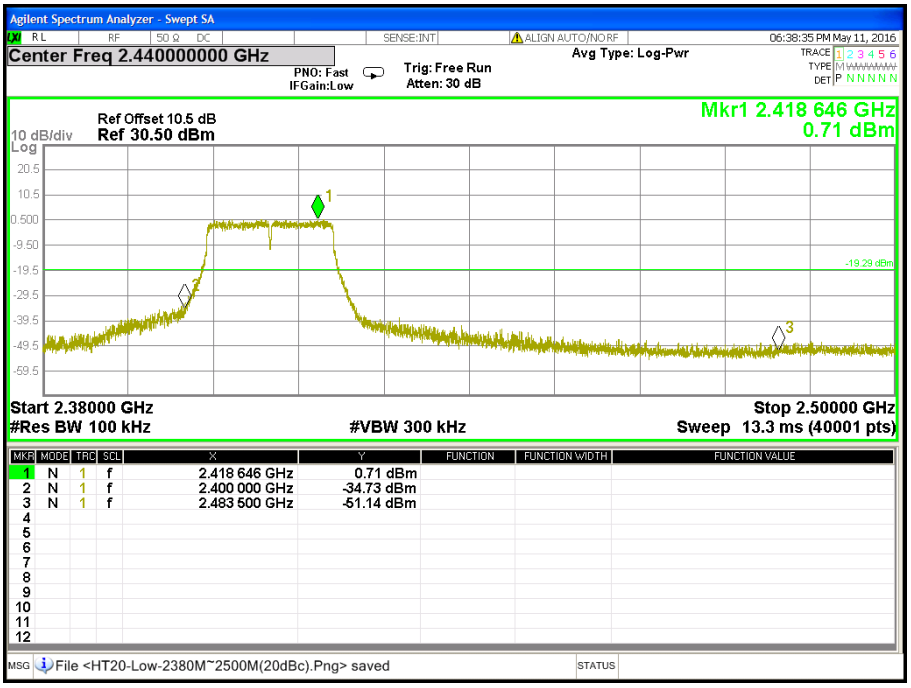
CH High (2.38GHz ~ 2.5GHz / IEEE 802.11g Mode)



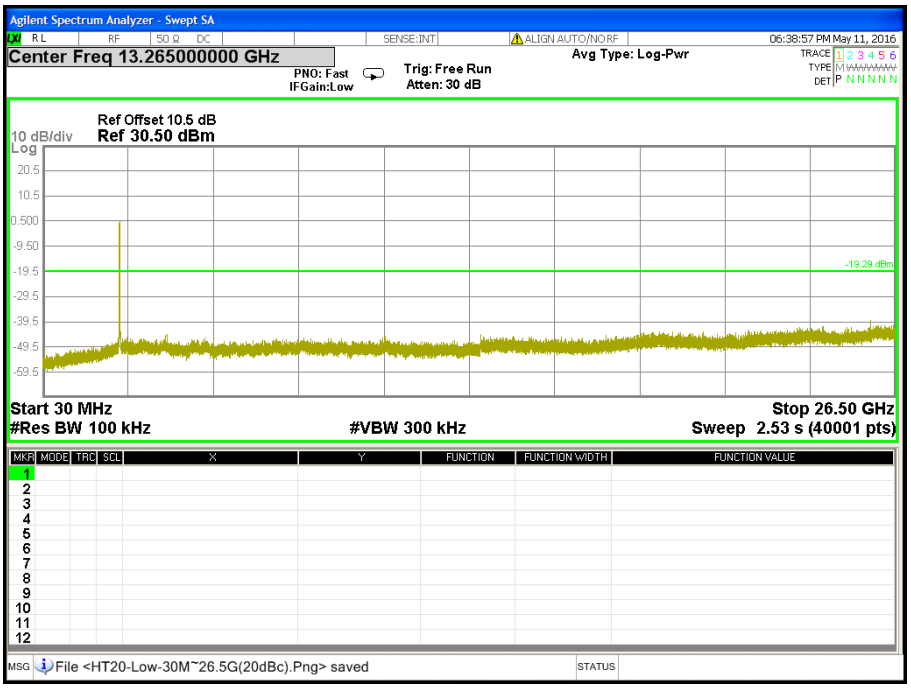
CH High (30MHz ~ 26.5GHz / IEEE 802.11g Mode)



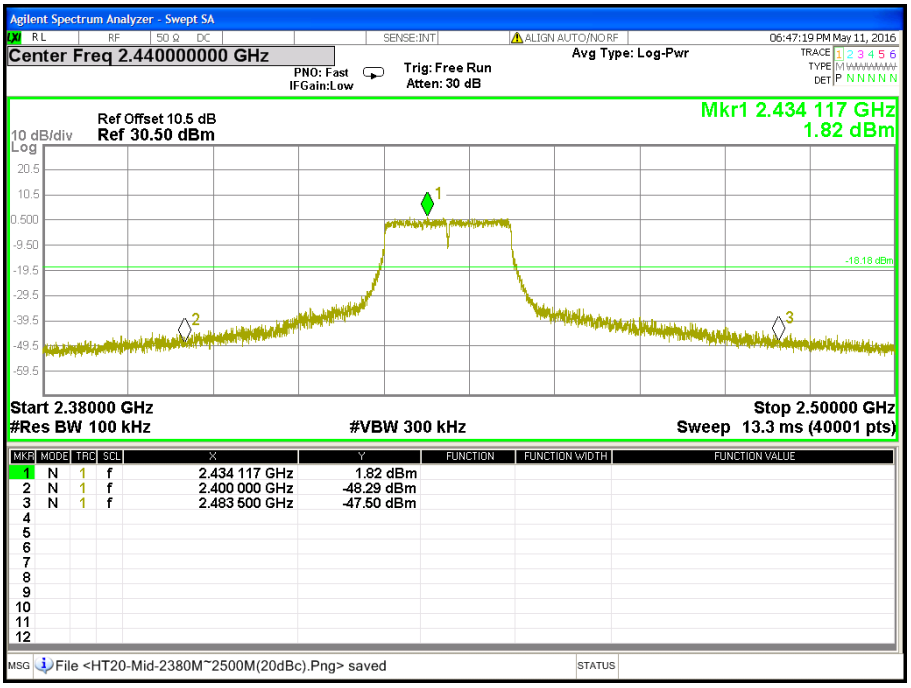
CH Low (2.38GHz ~ 2.5GHz / IEEE 802.11gn HT20 Mode)



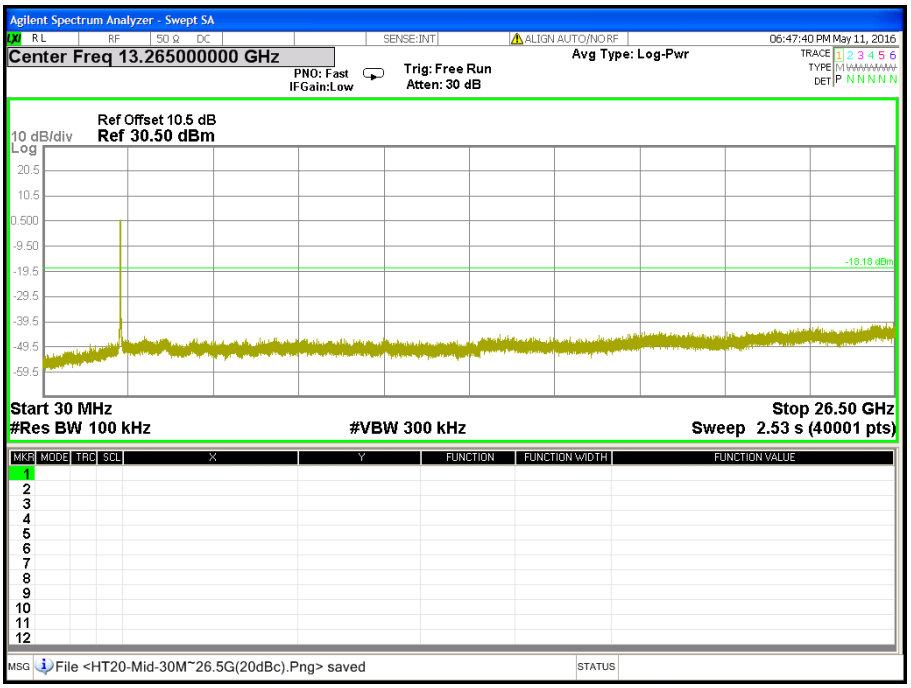
CH Low (30MHz ~ 26.5GHz / IEEE 802.11gn HT20 Mode)



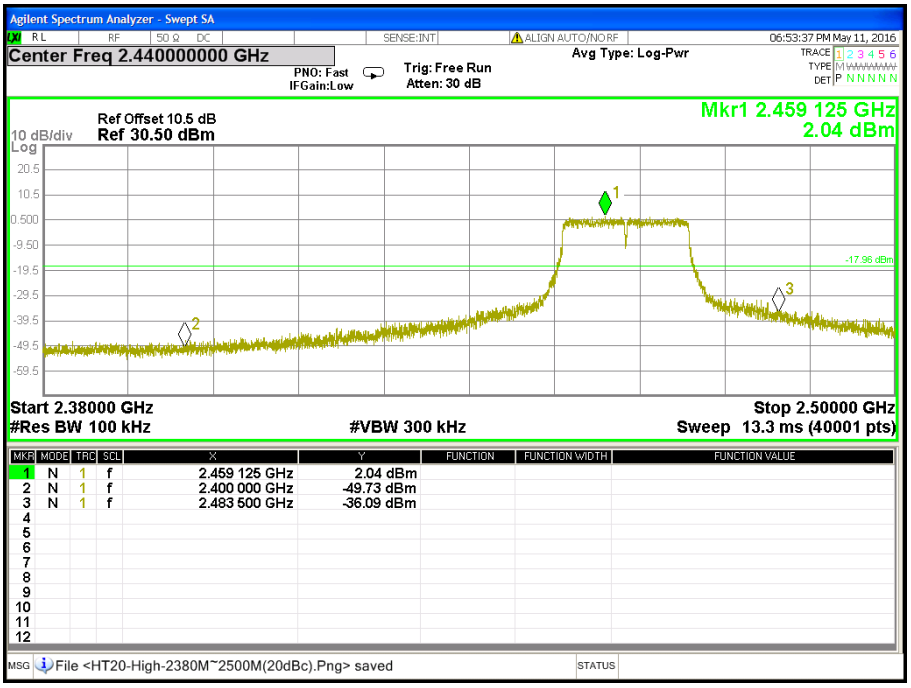
CH Middle (2.38GHz ~ 2.5GHz / IEEE 802.11gn HT20 Mode)



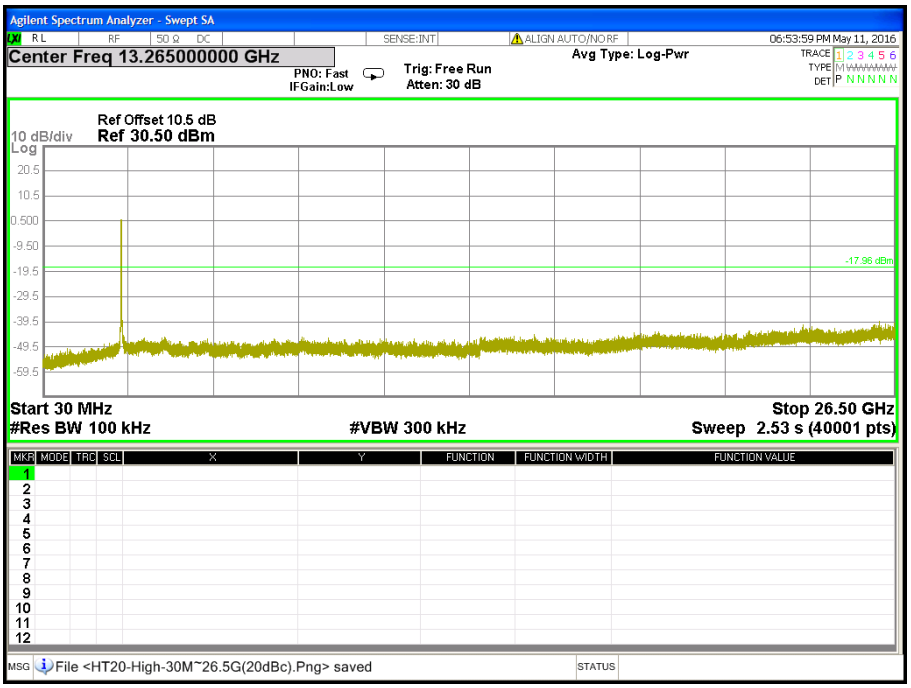
CH Middle (30MHz ~ 26.5GHz / IEEE 802.11gn HT20 Mode)



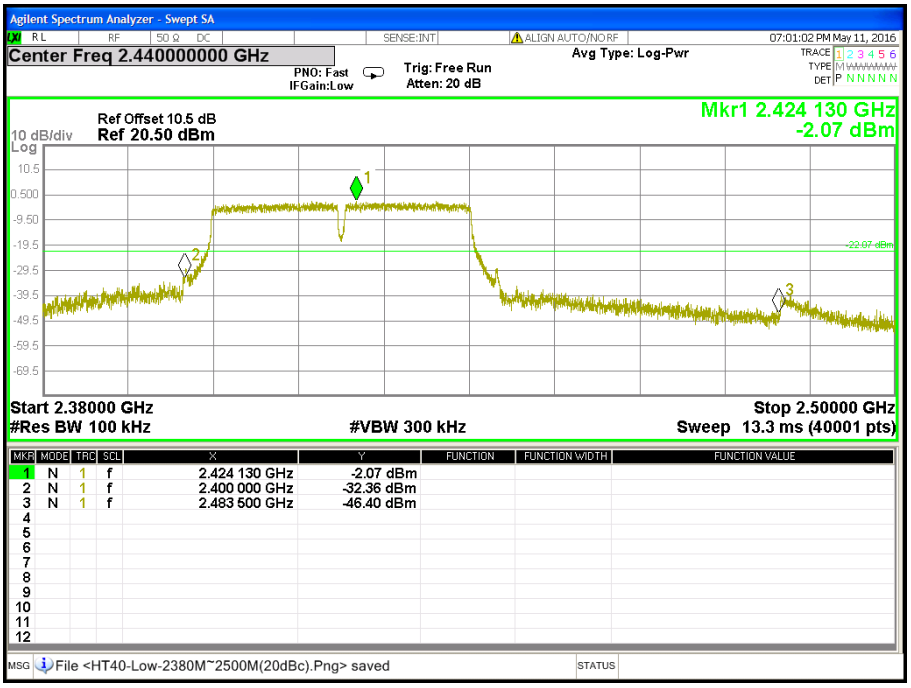
CH High (2.38GHz ~ 2.5GHz / IEEE 802.11gn HT20 Mode)



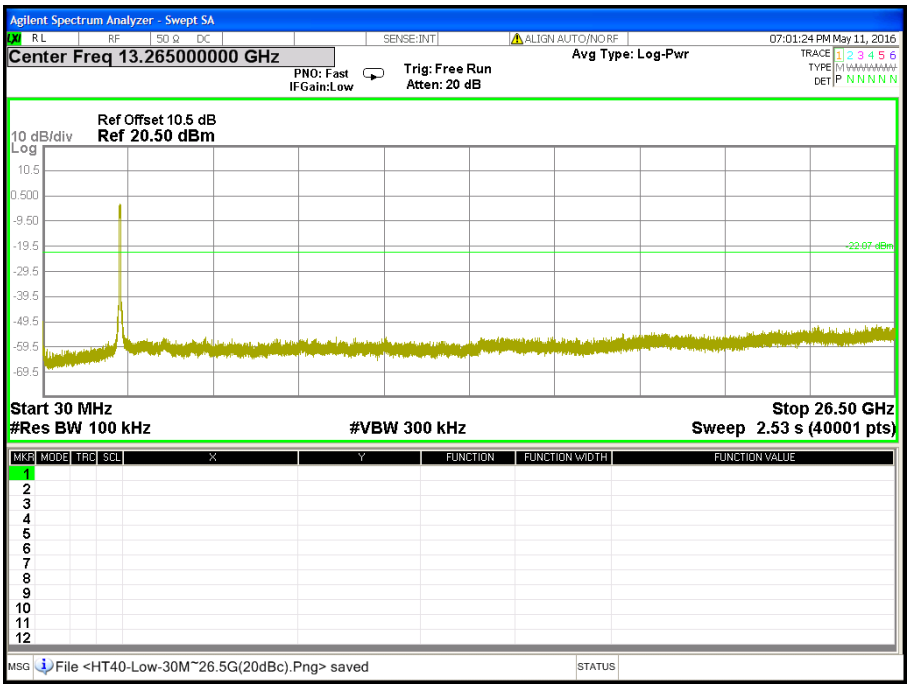
CH High (30MHz ~ 26.5GHz / IEEE 802.11gn HT20 Mode)



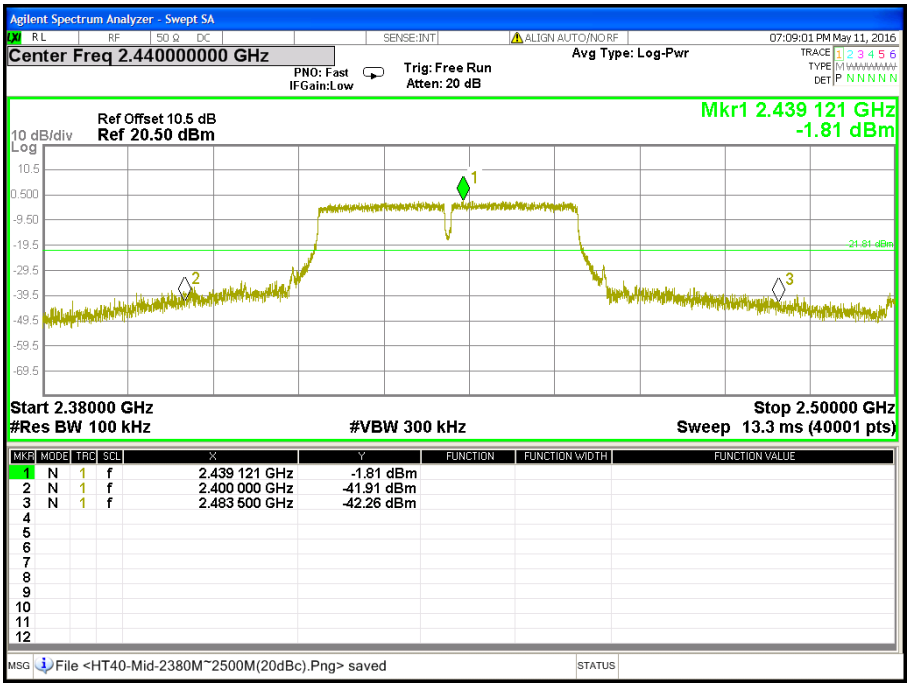
CH Low (2.38GHz ~ 2.5GHz / IEEE 802.11gn HT40 Mode)



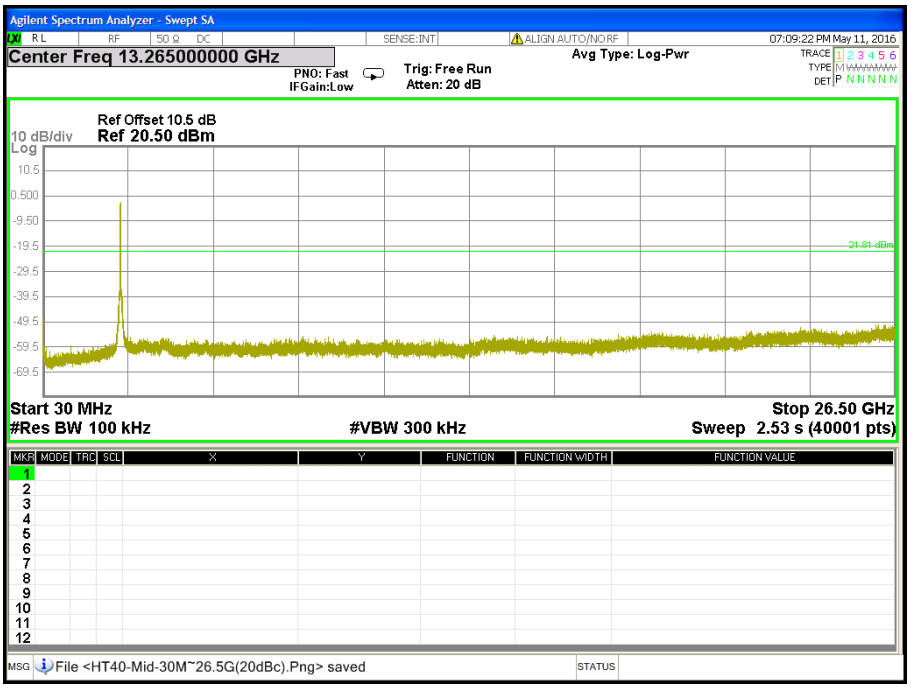
CH Low (30MHz ~ 26.5GHz / IEEE 802.11gn HT40 Mode)



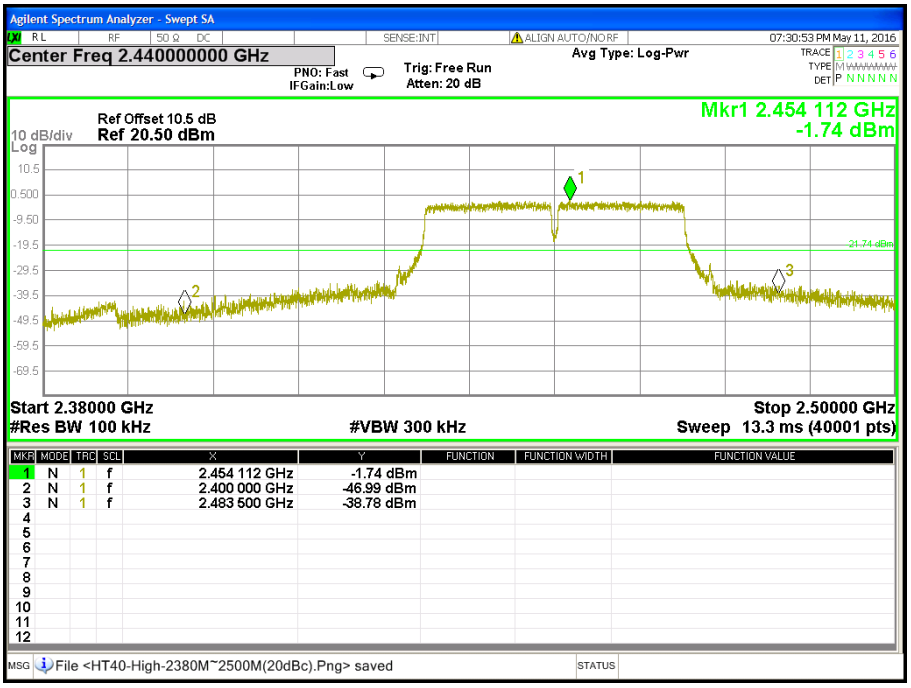
CH Middle (2.38GHz ~ 2.5GHz / IEEE 802.11gn HT40 Mode)



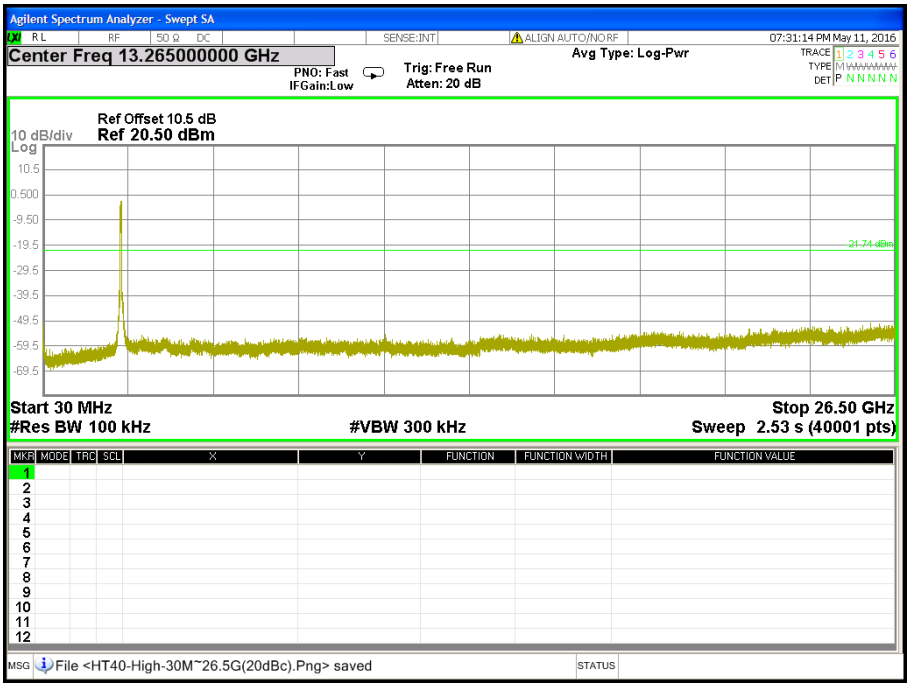
CH Middle (30MHz ~ 26.5GHz / IEEE 802.11gn HT40 Mode)



CH High (2.38GHz ~ 2.5GHz / IEEE 802.11gn HT40 Mode)



CH High (30MHz ~ 26.5GHz / IEEE 802.11gn HT40 Mode)



7.7 RADIATED EMISSION

LIMITS

(1) According to § 15.205 (a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

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	2655 - 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 - 3338	36.43 - 36.5
12.57675 - 12.57725	322 -335.4	3600 - 4400	([2])
13.36 - 13.41			

Remark:
1. [1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
2. [2] Above 38.6

(2) According to § 15.205 (b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown is Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

(3) According to § 15.209 (a) Except as provided elsewhere in this Subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(KHz)	300
0.490 – 1.705	24000/F(KHz)	30
1.705 – 30.0	30	30
30 - 88	100 **	3
88 - 216	150 **	3
216 - 960	200 **	3
Above 960	500	3

Remark: ***Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.*

(4) According to § 15.209 (b) In the emission table above, the tighter limit applies at the band edges.

TEST EQUIPMENT

Radiated Emission / 966Chamber_B

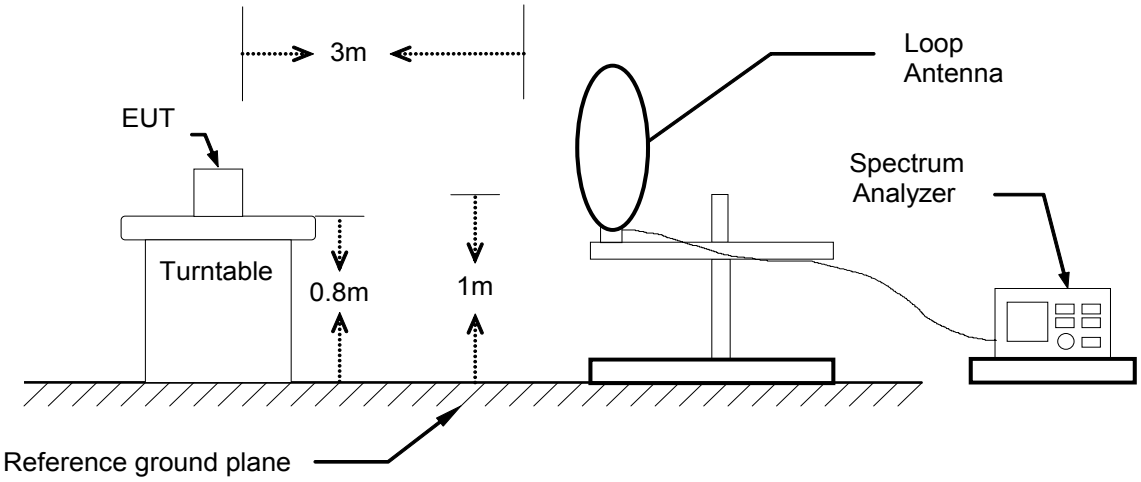
Name of Equipment	Manufacture	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	E4446A	MY46180323	04/12/2017
EMI Test Receiver	Rohde & Schwarz	ESCI	100221	04/26/2017
Bi-log Antenna	TESEQ	CBL 6112D	35403	08/04/2016
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-778	08/09/2016
Double-Ridged Waveguide Horn	ETS-LINDGREN	3117	00078733	11/25/2016
Horn Antenna	COM-POWER	AH-840	03077	12/08/2016
Pre-Amplifier	Agilent	8447D	2944A10052	07/14/2016
Pre-Amplifier	Agilent	8449B	3008A01916	07/14/2016
LOOP Antenna	COM-POWER	AL-130	121060	05/23/2017
Test S/W	E3.815206a			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

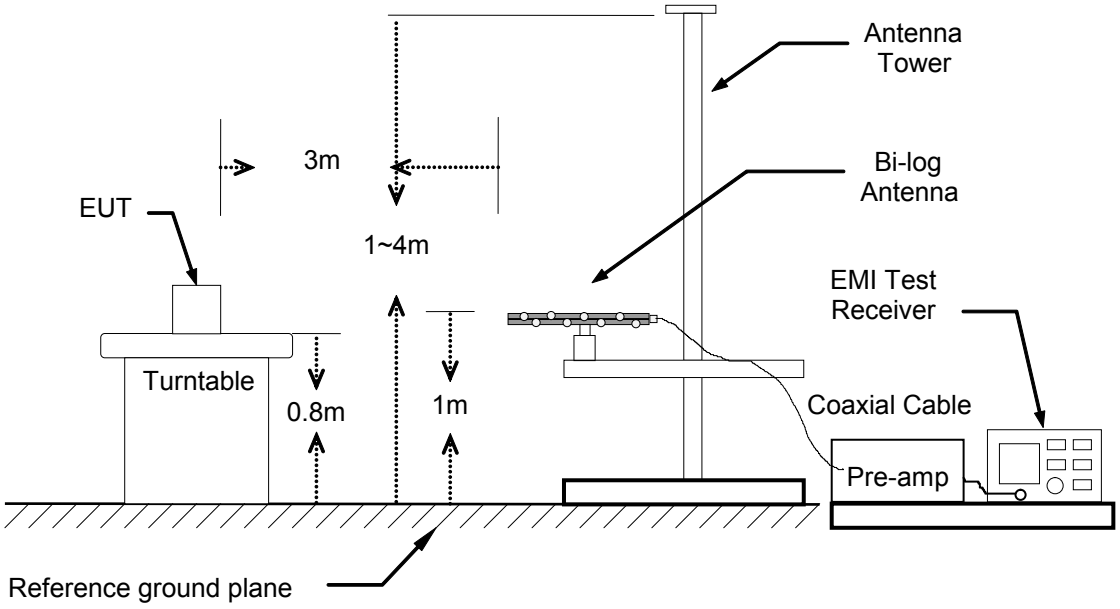
TEST SETUP

The diagram below shows the test setup that is utilized to make the measurements for emission below 1GHz.

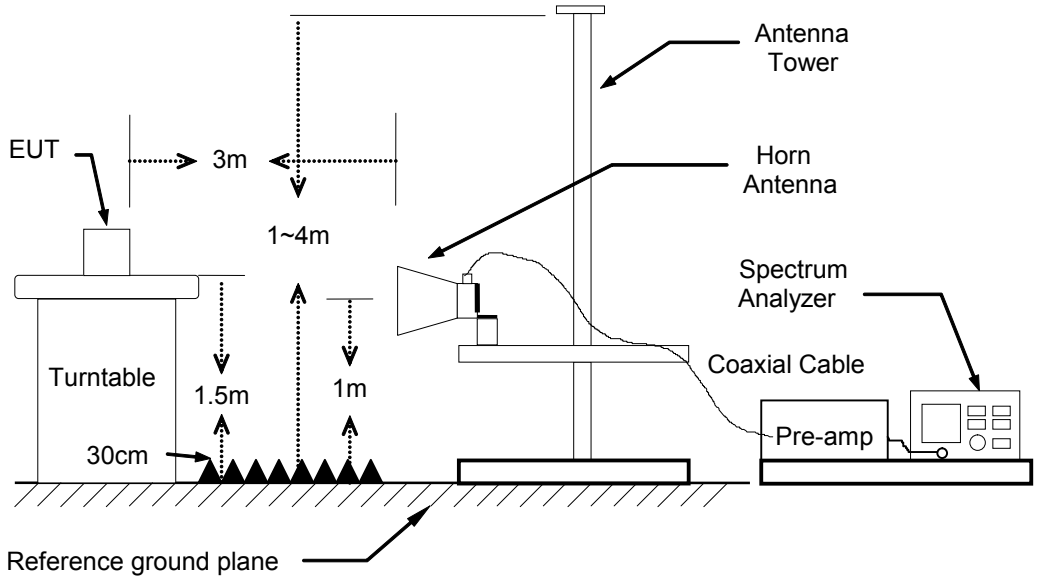
9kHz ~ 30MHz



30MHz ~ 1GHz



The diagram below shows the test setup that is utilized to make the measurements for emission above 1GHz.



TEST PROCEDURE

1. The EUT was placed on the top of a rotating table 0.8 and 1.5 meters above the ground. The table was rotated 360 degrees to determine the position of the highest radiation.
2. While measuring the radiated emission below 1GHz, the EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. While measuring the radiated emission above 1GHz, the EUT was set 3 meters away from the interference-receiving antenna.
3. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarization of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold mode.
6. If the emission level of the EUT in peak mode was 10 dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10 dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Remark:

1. *The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 KHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.*
2. *The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection and frequency above 1GHz.*
3. *The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 10 Hz for Average detection (AV) at frequency above 1GHz.*

TEST RESULTS

Below 1 GHz (9kHz ~ 30MHz)

No emission found between lowest internal used/generated frequency to 30MHz.

Below 1 GHz (30MHz ~ 1GHz)

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/17
Test Mode	Mode 1	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
143.49	52.06	-15.02	37.04	43.50	-6.46	14	200	Peak
224.00	60.30	-15.06	45.24	46.00	-0.76	276	150	QP
593.57	48.14	-6.85	41.29	46.00	-4.71	355	150	Peak
672.14	48.76	-5.95	42.81	46.00	-3.19	289	100	Peak
729.37	47.71	-5.30	42.41	46.00	-3.59	341	100	Peak
820.55	45.20	-3.92	41.28	46.00	-4.72	273	100	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
73.65	55.08	-20.29	34.79	40.00	-5.21	12	200	Peak
143.49	49.79	-15.02	34.77	43.50	-8.73	111	150	Peak
224.00	56.70	-15.06	41.64	46.00	-4.36	260	200	Peak
507.24	45.87	-8.02	37.85	46.00	-8.15	237	150	Peak
663.41	45.52	-6.01	39.51	46.00	-6.49	349	150	Peak
813.76	45.36	-4.01	41.35	46.00	-4.65	133	150	Peak

Remark:

1. *Quasi-peak test would be performed if the peak result were greater than the quasi-peak limit.*
2. *Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) – PreAmp.Gain (dB)*
3. *Result (dBuV/m) = Reading (dBuV) + Correction Factor (dB/m)*
4. *Margin (dB) = Remark result (dBuV/m) - Quasi-peak limit (dBuV/m).*

Above 1 GHz

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11b Mode / TX / CH Low	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	53.31	-2.74	50.57	74.00	-23.43	183	100	Peak
2308.00	43.51	2.69	46.20	74.00	-27.80	325	200	Peak
2484.00	44.73	3.02	47.75	74.00	-26.25	303	100	Peak
3240.00	42.44	4.37	46.81	74.00	-27.19	325	200	Peak
4830.00	38.51	8.19	46.70	74.00	-27.30	106	300	Peak
7230.00	36.92	12.36	49.28	74.00	-24.72	215	300	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1486.00	50.31	-2.74	47.57	74.00	-26.43	216	200	Peak
2308.00	43.57	2.69	46.26	74.00	-27.74	156	100	Peak
2484.00	44.61	3.02	47.63	74.00	-26.37	119	200	Peak
3555.00	40.81	4.82	45.63	74.00	-28.37	250	200	Peak
4824.00	33.99	8.18	42.17	54.00	-11.83	92	150	Average
4824.00	46.18	8.18	54.36	74.00	-19.64	92	150	Peak
7230.00	36.69	12.36	49.05	74.00	-24.95	339	200	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/17
Test Mode	IEEE 802.11b Mode / TX / CH Middle	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	53.47	-2.74	50.73	74.00	-23.27	184	100	Peak
2390.00	43.73	2.84	46.57	74.00	-27.43	95	200	Peak
2484.00	43.33	3.02	46.35	74.00	-27.65	146	200	Peak
4874.00	39.64	8.25	47.89	74.00	-26.11	350	200	Peak
5625.00	38.26	9.82	48.08	74.00	-25.92	122	150	Peak
7305.00	37.57	12.37	49.94	74.00	-24.06	183	150	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	49.92	-2.74	47.18	74.00	-26.82	212	200	Peak
2390.00	43.99	2.84	46.83	74.00	-27.17	181	200	Peak
2484.00	44.50	3.02	47.52	74.00	-26.48	219	100	Peak
4874.00	39.48	8.25	47.73	74.00	-26.27	274	250	Peak
6165.00	39.27	10.96	50.23	74.00	-23.77	102	100	Peak
7305.00	36.08	12.37	48.45	74.00	-25.55	112	250	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11b Mode / TX / CH High	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	52.50	-2.74	49.76	74.00	-24.24	190	100	Peak
2390.00	44.22	2.84	47.06	74.00	-26.94	290	100	Peak
2502.00	43.29	3.05	46.34	74.00	-27.66	185	200	Peak
3255.00	40.73	4.38	45.11	74.00	-28.89	243	250	Peak
4920.00	40.73	8.31	49.04	74.00	-24.96	338	150	Peak
7380.00	36.54	12.37	48.91	74.00	-25.09	160	250	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2122.00	46.32	2.33	48.65	74.00	-25.35	12	200	Peak
2390.00	43.78	2.84	46.62	74.00	-27.38	335	100	Peak
2502.00	43.51	3.05	46.56	74.00	-27.44	360	100	Peak
3960.00	40.73	6.28	47.01	74.00	-26.99	314	250	Peak
4920.00	39.33	8.31	47.64	74.00	-26.36	163	150	Peak
7380.00	36.39	12.37	48.76	74.00	-25.24	38	100	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11g Mode / TX / CH Low	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	53.53	-2.74	50.79	74.00	-23.21	192	100	Peak
2308.00	42.87	2.69	45.56	74.00	-28.44	289	200	Peak
2484.00	43.76	3.02	46.78	74.00	-27.22	127	100	Peak
3720.00	39.95	5.41	45.36	74.00	-28.64	222	250	Peak
4830.00	40.10	8.19	48.29	74.00	-25.71	359	200	Peak
7230.00	38.72	12.36	51.08	74.00	-22.92	360	100	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1632.00	49.47	-1.46	48.01	74.00	-25.99	60	100	Peak
2308.00	43.57	2.69	46.26	74.00	-27.74	216	100	Peak
2484.00	43.86	3.02	46.88	74.00	-27.12	282	200	Peak
3285.00	40.81	4.41	45.22	74.00	-28.78	185	250	Peak
4830.00	39.41	8.19	47.60	74.00	-26.40	71	200	Peak
7230.00	37.38	12.36	49.74	74.00	-24.26	262	100	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11g Mode / TX / CH Middle	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	53.16	-2.74	50.42	74.00	-23.58	192	100	Peak
2390.00	43.67	2.84	46.51	74.00	-27.49	161	200	Peak
2484.00	43.62	3.02	46.64	74.00	-27.36	106	100	Peak
3240.00	41.22	4.37	45.59	74.00	-28.41	360	250	Peak
4875.00	40.08	8.25	48.33	74.00	-25.67	128	300	Peak
7305.00	38.52	12.37	50.89	74.00	-23.11	243	150	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2000.00	46.90	2.10	49.00	74.00	-25.00	360	100	Peak
2390.00	43.23	2.84	46.07	74.00	-27.93	135	100	Peak
2484.00	44.15	3.02	47.17	74.00	-26.83	309	200	Peak
3480.00	40.81	4.60	45.41	74.00	-28.59	358	150	Peak
4875.00	39.30	8.25	47.55	74.00	-26.45	43	200	Peak
7305.00	36.90	12.37	49.27	74.00	-24.73	311	200	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11g Mode / TX / CH High	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	54.11	-2.74	51.37	74.00	-22.63	190	100	Peak
2390.00	43.58	2.84	46.42	74.00	-27.58	83	200	Peak
2502.00	43.47	3.05	46.52	74.00	-27.48	323	100	Peak
3990.00	41.43	6.38	47.81	74.00	-26.19	278	250	Peak
4920.00	39.16	8.31	47.47	74.00	-26.53	360	100	Peak
7395.00	39.72	12.37	52.09	74.00	-21.91	178	250	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2128.00	46.05	2.34	48.39	74.00	-25.61	44	100	Peak
2390.00	44.74	2.84	47.58	74.00	-26.42	284	100	Peak
2502.00	43.60	3.05	46.65	74.00	-27.35	245	100	Peak
4050.00	40.56	6.55	47.11	74.00	-26.89	27	200	Peak
4920.00	39.78	8.31	48.09	74.00	-25.91	263	250	Peak
7380.00	39.06	12.37	51.43	74.00	-22.57	291	150	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11gn HT20 Mode / TX / CH Low	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	52.66	-2.74	49.92	74.00	-24.08	268	100	Peak
2308.00	44.40	2.69	47.09	74.00	-26.91	311	100	Peak
2484.00	43.66	3.02	46.68	74.00	-27.32	212	200	Peak
4110.00	40.11	6.71	46.82	74.00	-27.18	108	300	Peak
4830.00	38.99	8.19	47.18	74.00	-26.82	351	100	Peak
7230.00	37.46	12.36	49.82	74.00	-24.18	125	100	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2104.00	46.36	2.30	48.66	74.00	-25.34	175	100	Peak
2308.00	44.04	2.69	46.73	74.00	-27.27	173	100	Peak
2484.00	45.48	3.02	48.50	74.00	-25.50	104	200	Peak
3195.00	41.52	4.33	45.85	74.00	-28.15	92	300	Peak
4830.00	39.97	8.19	48.16	74.00	-25.84	254	250	Peak
7230.00	37.06	12.36	49.42	74.00	-24.58	53	250	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Rex Chiu
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11gn HT20 Mode / TX / CH Middle	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	53.45	-2.74	50.71	74.00	-23.29	179	100	Peak
2390.00	43.08	2.84	45.92	74.00	-28.08	132	200	Peak
2484.00	43.43	3.02	46.45	74.00	-27.55	195	200	Peak
3255.00	40.83	4.38	45.21	74.00	-28.79	308	200	Peak
4875.00	39.27	8.25	47.52	74.00	-26.48	359	200	Peak
7305.00	39.48	12.37	51.85	74.00	-22.15	117	150	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2058.00	46.30	2.21	48.51	74.00	-25.49	272	100	Peak
2390.00	43.94	2.84	46.78	74.00	-27.22	298	100	Peak
2484.00	43.78	3.02	46.80	74.00	-27.20	191	100	Peak
3210.00	41.04	4.34	45.38	74.00	-28.62	0	300	Peak
4875.00	41.10	8.25	49.35	74.00	-24.65	259	250	Peak
7305.00	36.57	12.37	48.94	74.00	-25.06	28	200	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11gn HT20 Mode / TX / CH High	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1486.00	50.77	-2.74	48.03	74.00	-25.97	54	150	Peak
1632.00	46.79	-1.46	45.33	74.00	-28.67	192	200	Peak
2390.00	38.31	2.84	41.15	74.00	-32.85	284	150	Peak
3660.00	40.17	5.20	45.37	74.00	-28.63	211	100	Peak
4920.00	39.09	8.31	47.40	74.00	-26.60	273	150	Peak
7380.00	40.18	12.37	52.55	74.00	-21.45	284	150	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1484.00	49.06	-2.74	46.32	74.00	-27.68	64	200	Peak
1992.00	45.07	2.02	47.09	74.00	-26.91	347	100	Peak
2390.00	38.84	2.84	41.68	74.00	-32.32	112	100	Peak
4050.00	41.16	6.55	47.71	74.00	-26.29	4	200	Peak
4920.00	39.28	8.31	47.59	74.00	-26.41	254	250	Peak
7380.00	38.35	12.37	50.72	74.00	-23.28	320	100	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11gn HT40 Mode / TX / CH Low	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1486.00	50.38	-2.74	47.64	74.00	-26.36	57	150	Peak
1962.00	44.51	1.73	46.24	74.00	-27.76	131	250	Peak
2486.00	44.60	3.02	47.62	74.00	-26.38	200	100	Peak
4065.00	40.11	6.59	46.70	74.00	-27.30	320	150	Peak
4845.00	38.15	8.21	46.36	74.00	-27.64	319	300	Peak
7260.00	37.44	12.37	49.81	74.00	-24.19	188	100	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1522.00	49.14	-2.53	46.61	74.00	-27.39	110	150	Peak
1996.00	43.69	2.06	45.75	74.00	-28.25	207	150	Peak
2486.00	46.82	3.02	49.84	74.00	-24.16	284	150	Peak
4065.00	40.15	6.59	46.74	74.00	-27.26	169	150	Peak
4845.00	37.93	8.21	46.14	74.00	-27.86	16	200	Peak
7260.00	37.08	12.37	49.45	74.00	-24.55	85	100	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11gn HT40 Mode / TX / CH Middle	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1486.00	51.26	-2.74	48.52	74.00	-25.48	58	150	Peak
2390.00	39.60	2.84	42.44	74.00	-31.56	173	100	Peak
2502.00	42.87	3.05	45.92	74.00	-28.08	173	100	Peak
3915.00	40.53	6.11	46.64	74.00	-27.36	20	100	Peak
4875.00	37.30	8.25	45.55	74.00	-28.45	87	250	Peak
7305.00	35.84	12.37	48.21	74.00	-25.79	328	200	Peak

966Chamber_B at 3Meter / Vertical

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1522.00	50.35	-2.53	47.82	74.00	-26.18	142	100	Peak
2390.00	41.61	2.84	44.45	74.00	-29.55	275	200	Peak
2502.00	45.93	3.05	48.98	74.00	-25.02	283	150	Peak
4050.00	40.52	6.55	47.07	74.00	-26.93	167	300	Peak
4875.00	37.54	8.25	45.79	74.00	-28.21	239	200	Peak
7305.00	35.97	12.37	48.34	74.00	-25.66	83	150	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Product Name	Body Camera	Test By	Kenneth Huang
Test Model	DrivePro Body 52	Test Date	2016/05/18
Test Mode	IEEE 802.11gn HT40 Mode / TX / CH High	Temp. & Humidity	25°C, 50%

966Chamber_B at 3Meter / Horizontal

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2104.00	51.09	2.30	53.39	74.00	-20.61	302	250	Peak
2390.00	48.74	2.84	51.58	74.00	-22.42	241	250	Peak
2888.00	50.67	3.90	54.57	74.00	-19.43	220	100	Peak
3255.00	41.30	4.38	45.68	74.00	-28.32	72	250	Peak
4905.00	38.05	8.29	46.34	74.00	-27.66	360	200	Peak
7350.00	36.33	12.37	48.70	74.00	-25.30	210	100	Peak

966Chamber_B at 3Meter / Vertical

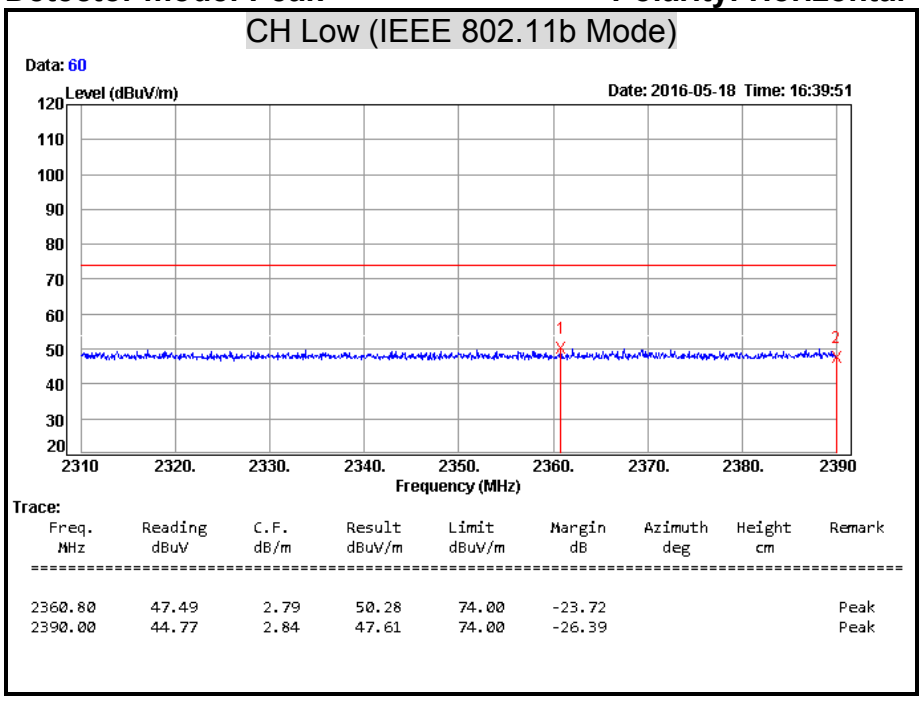
Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
1694.00	39.43	-0.86	38.57	54.00	-15.43	243	400	Average
1694.00	54.99	-0.86	54.13	74.00	-19.87	243	400	Peak
2380.00	50.95	2.82	53.77	74.00	-20.23	184	200	Peak
2988.00	37.69	4.11	41.80	54.00	-12.20	62	250	Average
2988.00	52.99	4.11	57.10	74.00	-16.90	62	250	Peak
3240.00	40.85	4.37	45.22	74.00	-28.78	105	200	Peak
4905.00	38.92	8.29	47.21	74.00	-26.79	225	150	Peak
7350.00	35.81	12.37	48.18	74.00	-25.82	266	150	Peak

Remark:

1. *Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.*
2. *Average test would be performed if the peak result were greater than the average limit.*
3. *Measurements above show only up to 6 maximum emissions noted, or would be lesser, with " N/A " remark, if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.*
4. *Result = Reading + Correction Factor*
   Margin = Result – Limit
   Remark Peak = Result(PK) – Limit(PK)
   Remark AVG = Result(AV) – Limit(AV)

Restricted Band Edges

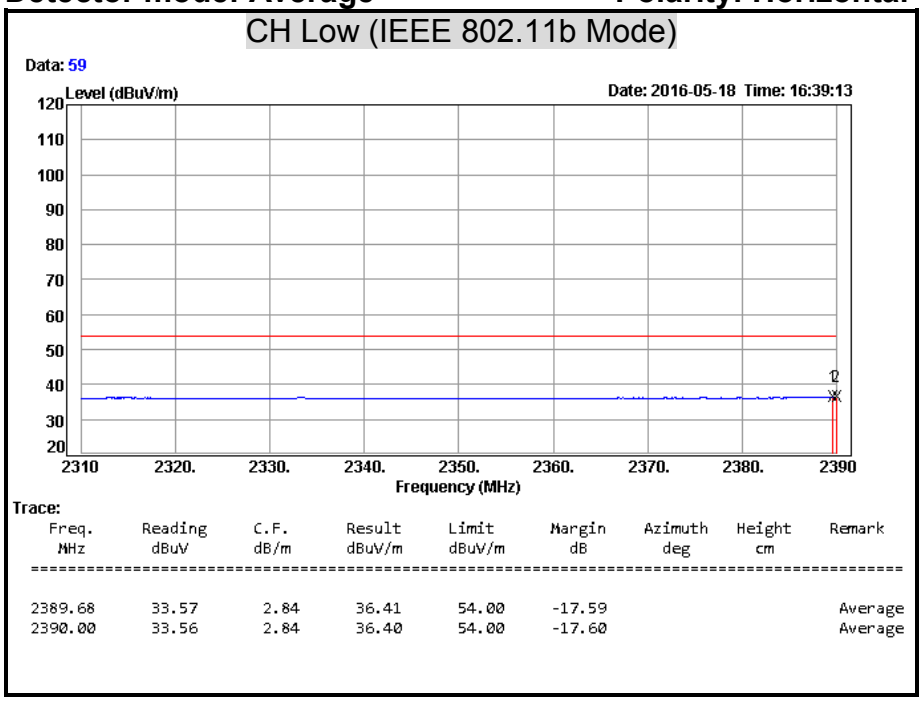
Detector mode: Peak **Polarity: Horizontal**



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2360.80	47.49	2.79	50.28	74.00	-23.72			Peak
2390.00	44.77	2.84	47.61	74.00	-26.39			Peak

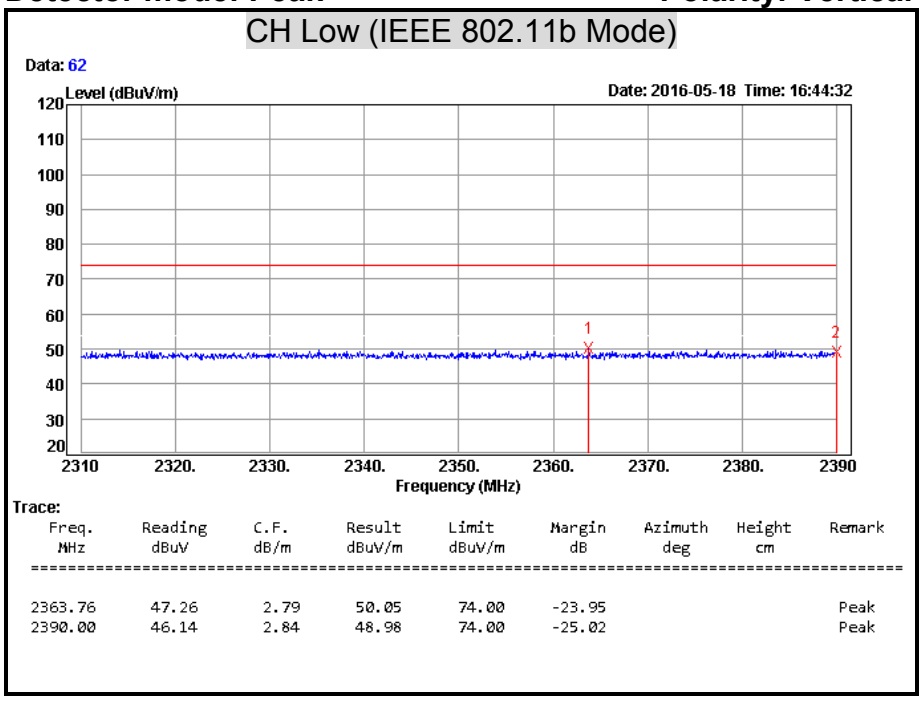
Detector mode: Average **Polarity: Horizontal**



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2389.68	33.57	2.84	36.41	54.00	-17.59			Average
2390.00	33.56	2.84	36.40	54.00	-17.60			Average

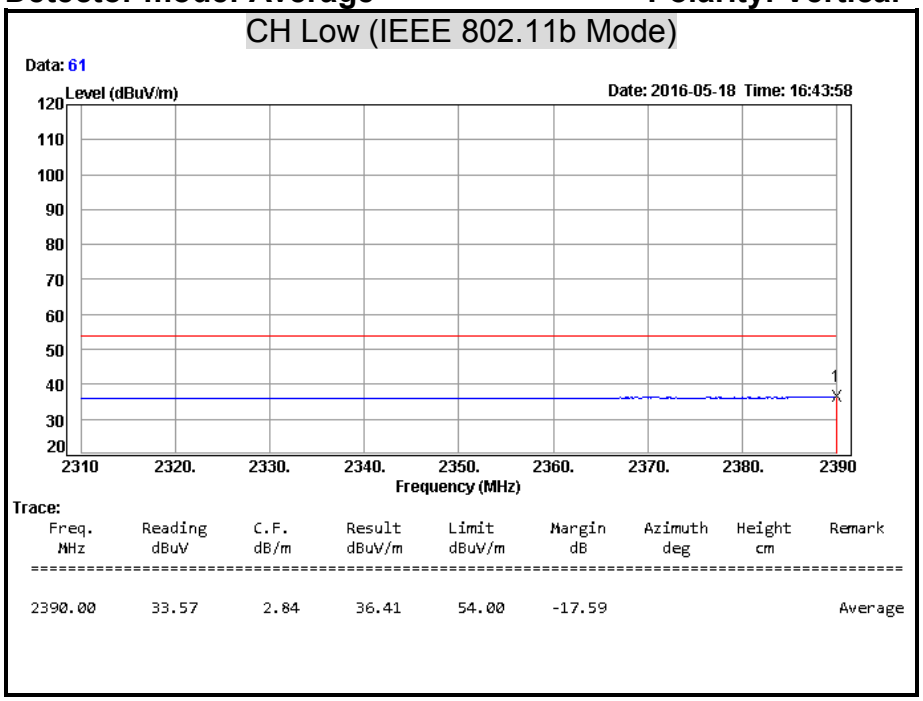
Detector mode: Peak **Polarity: Vertical**



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2363.76	47.26	2.79	50.05	74.00	-23.95			Peak
2390.00	46.14	2.84	48.98	74.00	-25.02			Peak

Detector mode: Average **Polarity: Vertical**

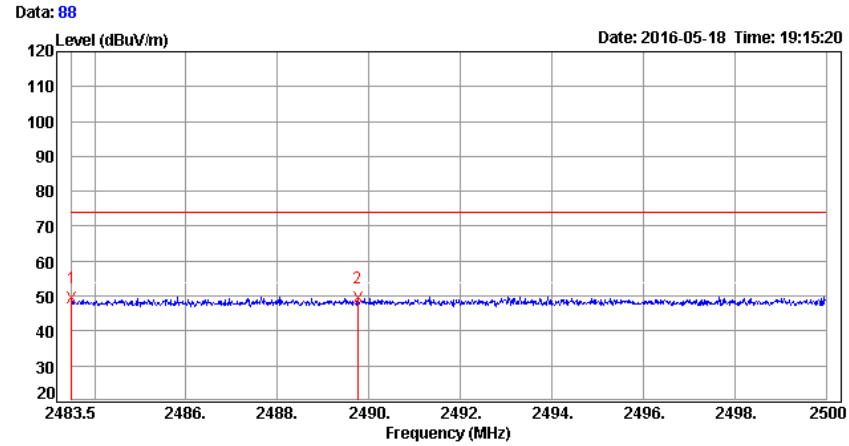


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	33.57	2.84	36.41	54.00	-17.59			Average

Detector mode: Peak **Polarity: Horizontal**

CH High (IEEE 802.11b Mode)

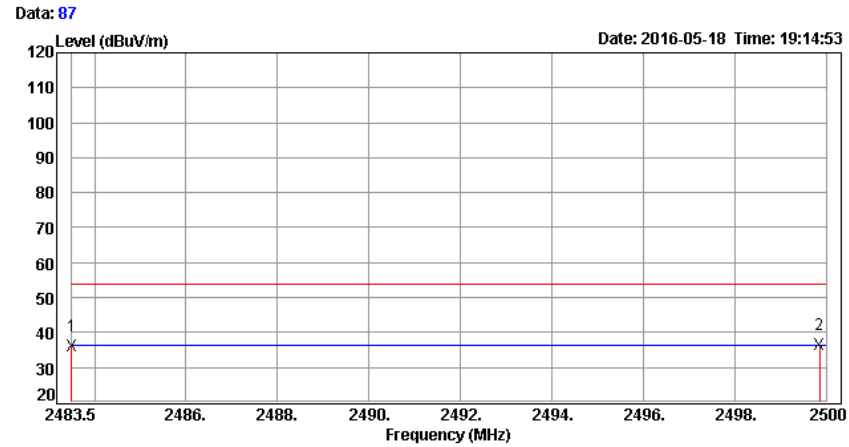


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	46.48	3.02	49.50	74.00	-24.50			Peak
2489.75	46.60	3.03	49.63	74.00	-24.37			Peak

Detector mode: Average **Polarity: Horizontal**

CH High (IEEE 802.11b Mode)

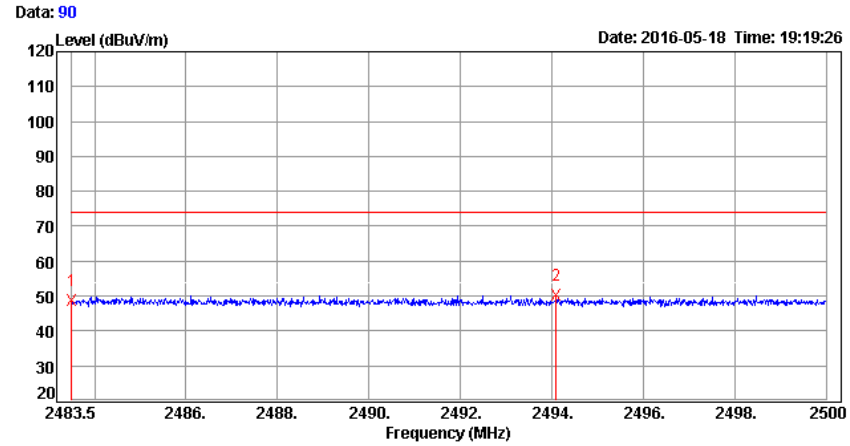


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	33.26	3.02	36.28	54.00	-17.72			Average
2499.85	33.34	3.05	36.39	54.00	-17.61			Average

Detector mode: Peak **Polarity: Vertical**

CH High (IEEE 802.11b Mode)

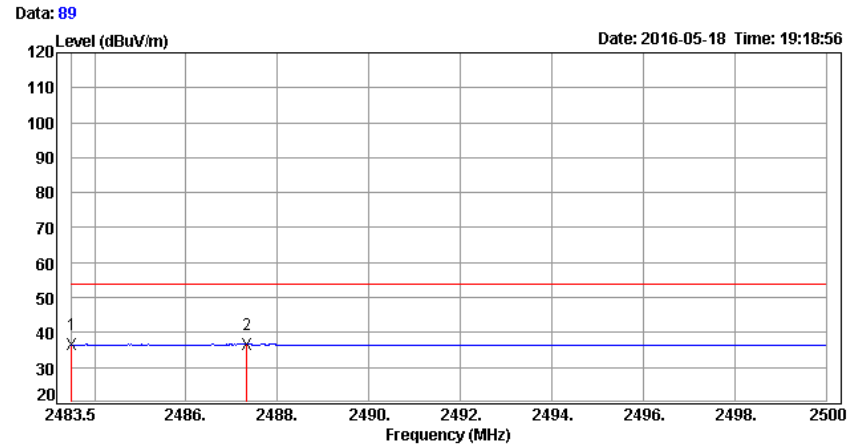


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	45.85	3.02	48.87	74.00	-25.13			Peak
2494.09	47.20	3.04	50.24	74.00	-23.76			Peak

Detector mode: Average **Polarity: Vertical**

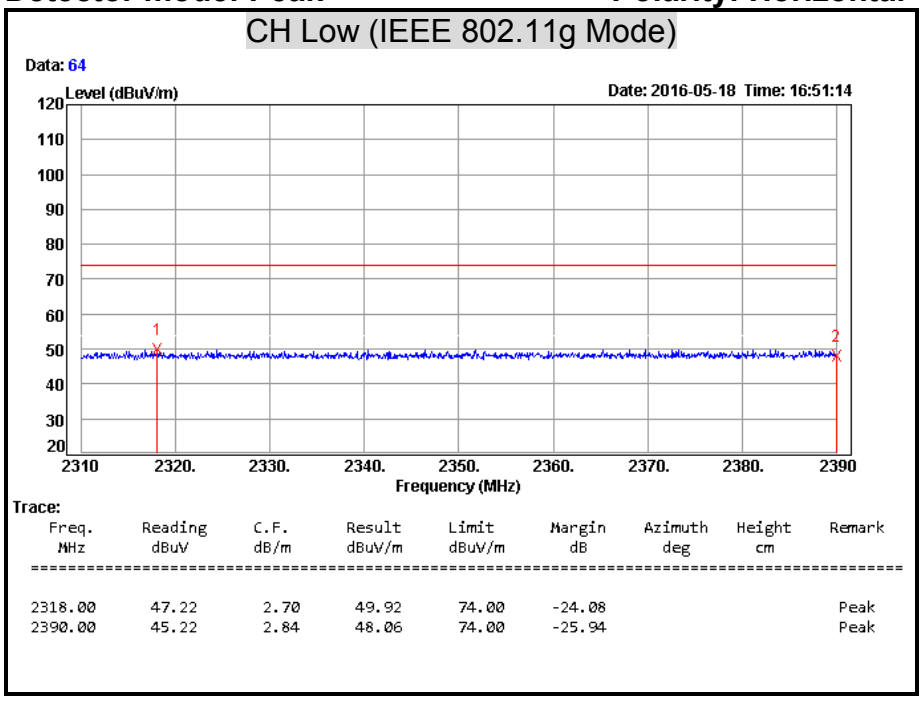
CH High (IEEE 802.11b Mode)



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	33.48	3.02	36.50	54.00	-17.50			Average
2487.33	33.55	3.03	36.58	54.00	-17.42			Average

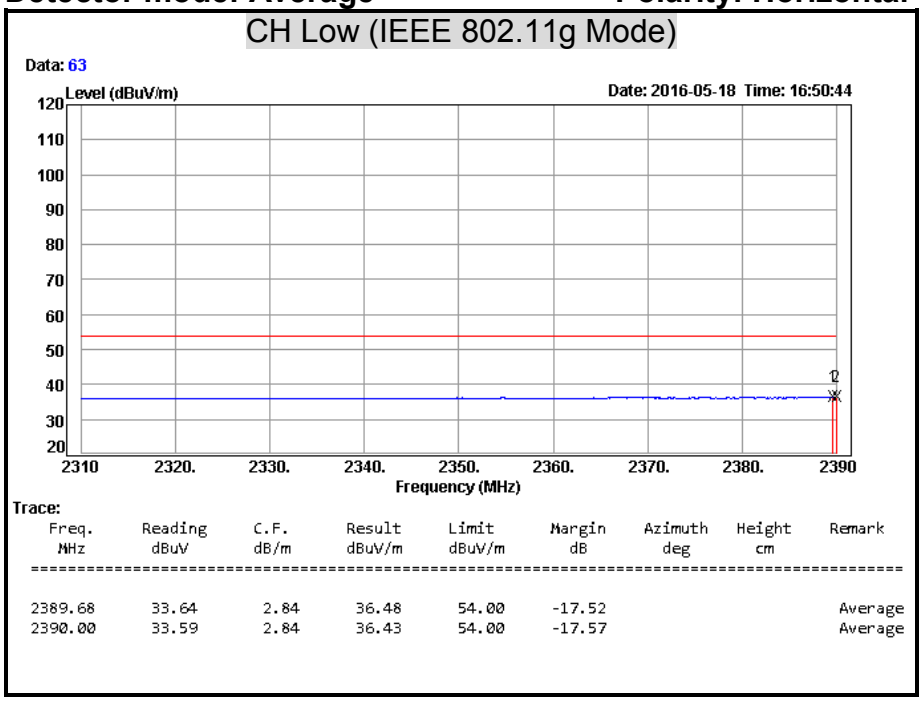
Detector mode: Peak **Polarity: Horizontal**



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2318.00	47.22	2.70	49.92	74.00	-24.08			Peak
2390.00	45.22	2.84	48.06	74.00	-25.94			Peak

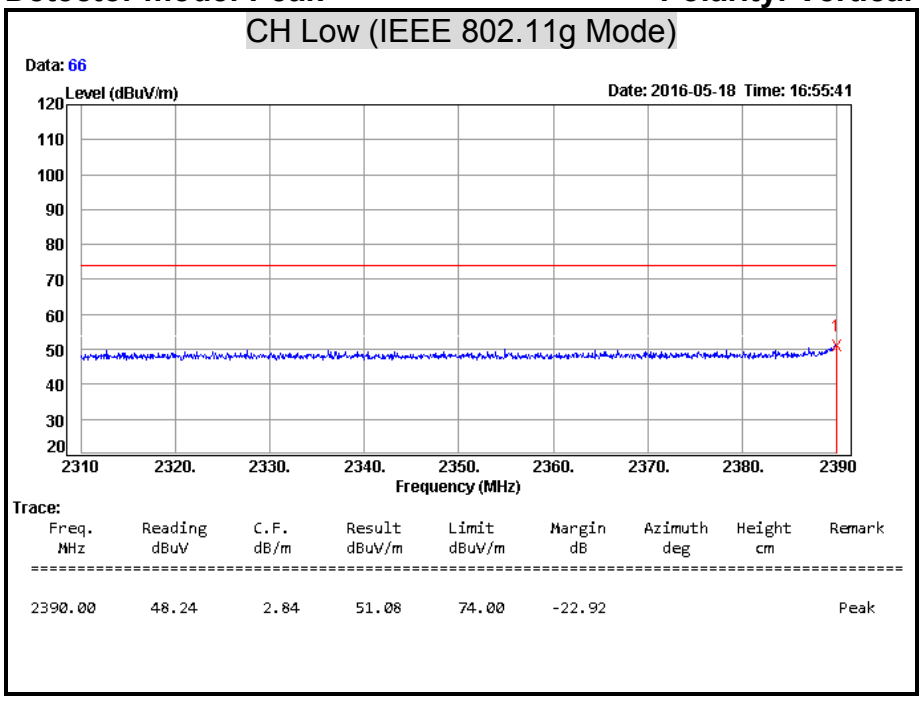
Detector mode: Average **Polarity: Horizontal**



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2389.68	33.64	2.84	36.48	54.00	-17.52			Average
2390.00	33.59	2.84	36.43	54.00	-17.57			Average

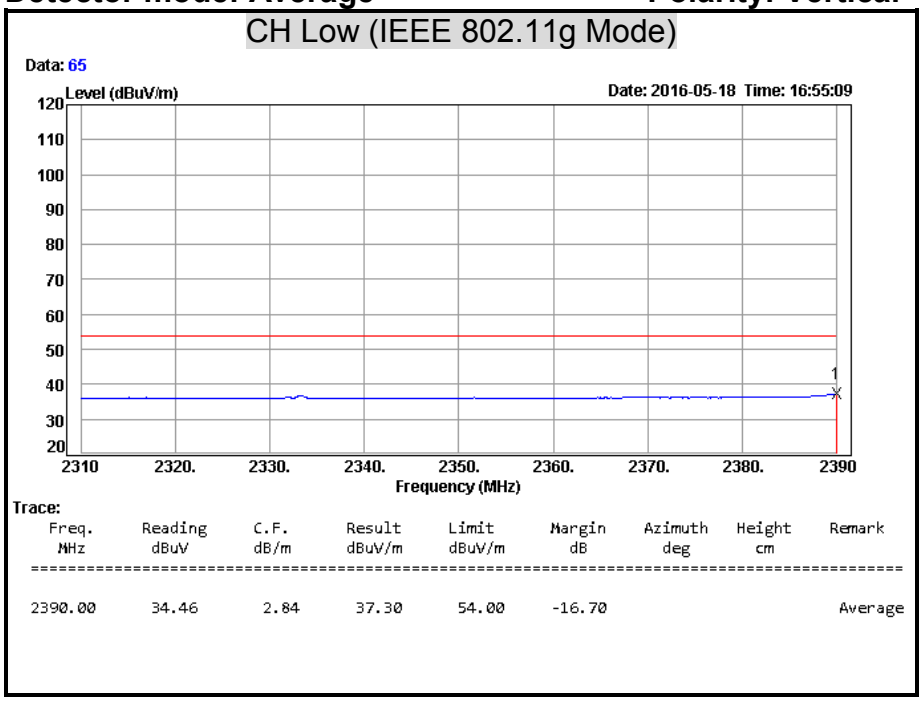
Detector mode: Peak **Polarity: Vertical**



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	48.24	2.84	51.08	74.00	-22.92			Peak

Detector mode: Average **Polarity: Vertical**

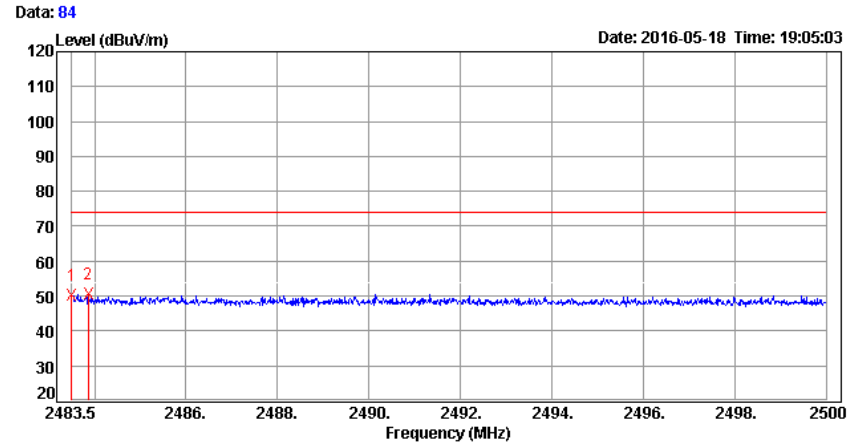


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	34.46	2.84	37.30	54.00	-16.70			Average

Detector mode: Peak **Polarity: Horizontal**

CH High (IEEE 802.11g Mode)

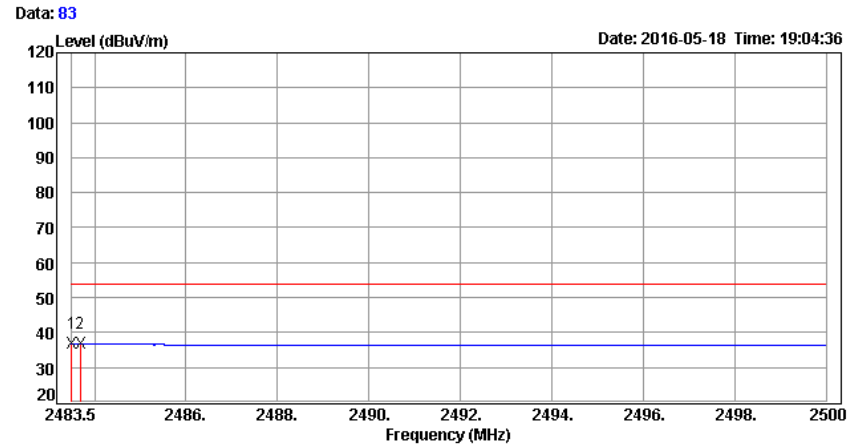


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	47.30	3.02	50.32	74.00	-23.68			Peak
2483.86	47.75	3.02	50.77	74.00	-23.23			Peak

Detector mode: Average **Polarity: Horizontal**

CH High (IEEE 802.11g Mode)

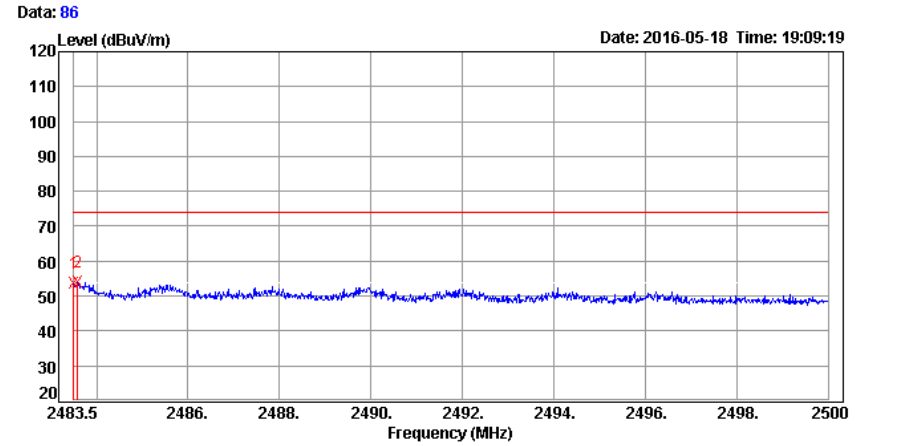


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	33.76	3.02	36.78	54.00	-17.22			Average
2483.68	33.78	3.02	36.80	54.00	-17.20			Average

Detector mode: Peak **Polarity: Vertical**

CH High (IEEE 802.11g Mode)

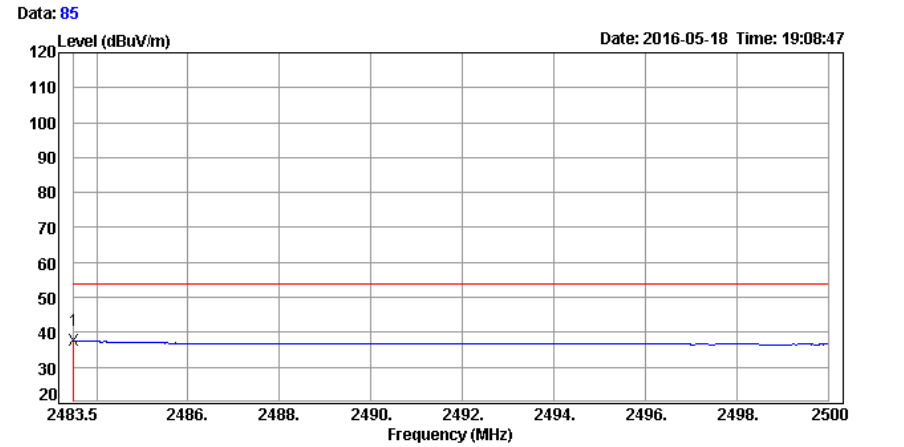


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	50.59	3.02	53.61	74.00	-20.39			Peak
2483.58	50.94	3.02	53.96	74.00	-20.04			Peak

Detector mode: Average **Polarity: Vertical**

CH High (IEEE 802.11g Mode)

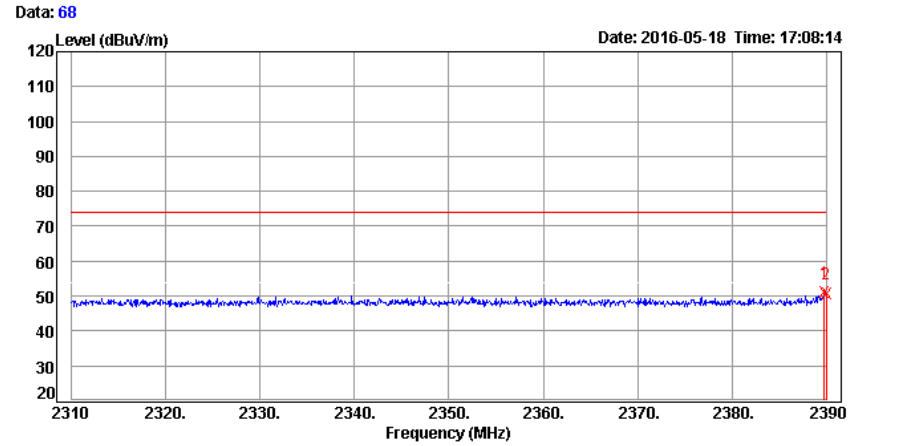


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	34.51	3.02	37.53	54.00	-16.47			Average

Detector mode: Peak **Polarity: Horizontal**

CH Low (IEEE 802.11gn HT20 Mode)

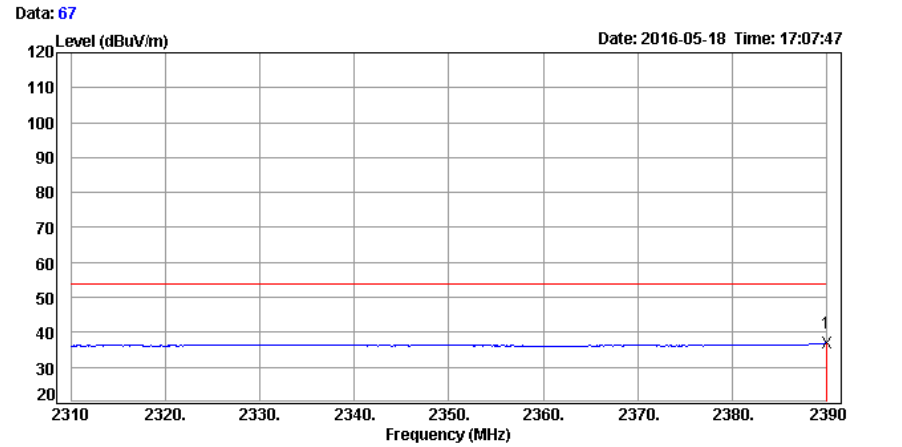


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2389.84	48.24	2.84	51.08	74.00	-22.92			Peak
2390.00	47.61	2.84	50.45	74.00	-23.55			Peak

Detector mode: Average **Polarity: Horizontal**

CH Low (IEEE 802.11gn HT20 Mode)

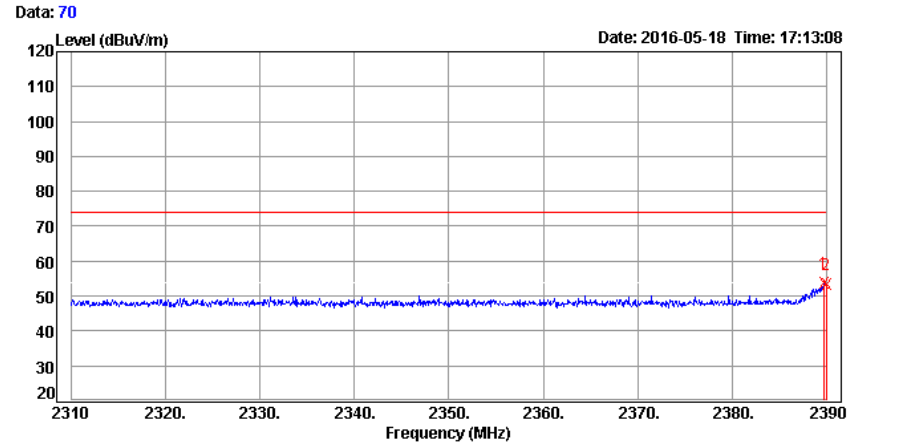


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	34.09	2.84	36.93	54.00	-17.07			Average

Detector mode: Peak **Polarity: Vertical**

CH Low (IEEE 802.11gn HT20 Mode)

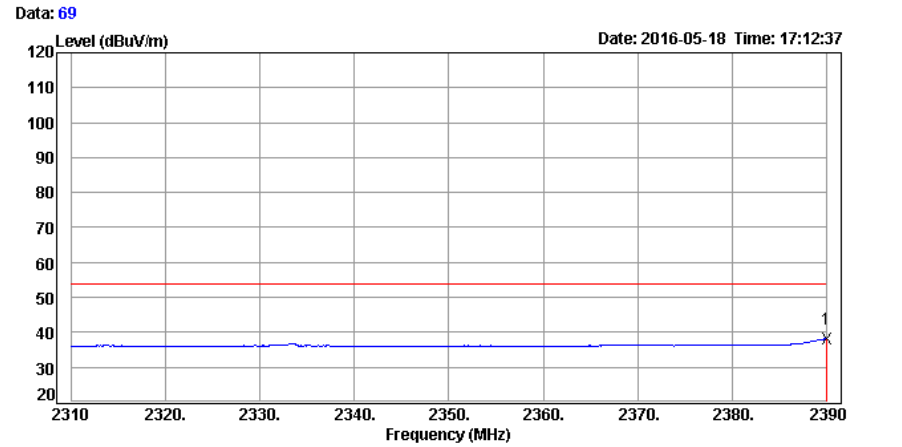


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2389.76	50.64	2.84	53.48	74.00	-20.52			Peak
2390.00	50.47	2.84	53.31	74.00	-20.69			Peak

Detector mode: Average **Polarity: Vertical**

CH Low (IEEE 802.11gn HT20 Mode)

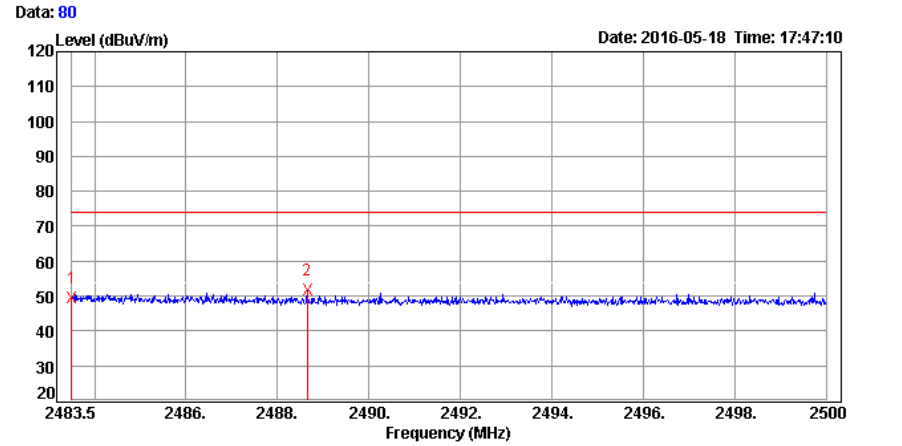


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	35.35	2.84	38.19	54.00	-15.81			Average

Detector mode: Peak **Polarity: Horizontal**

CH High (IEEE 802.11gn HT20 Mode)

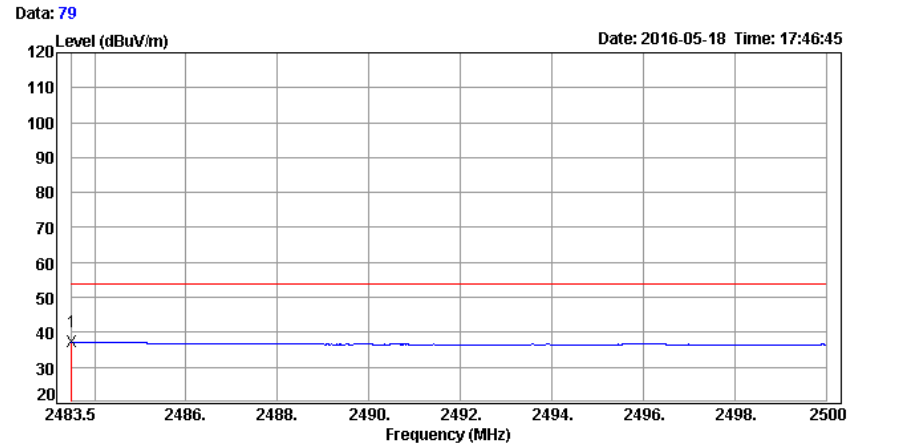


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	46.61	3.02	49.63	74.00	-24.37			Peak
2488.65	48.68	3.03	51.71	74.00	-22.29			Peak

Detector mode: Average **Polarity: Horizontal**

CH High (IEEE 802.11gn HT20 Mode)

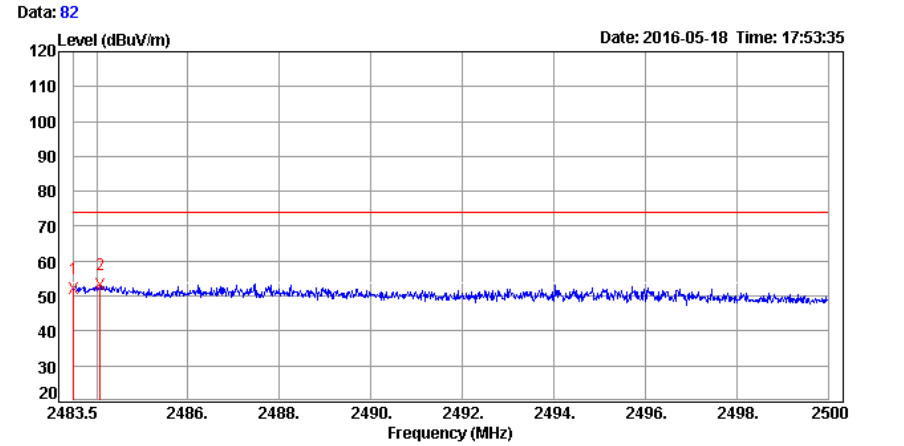


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	34.24	3.02	37.26	54.00	-16.74			Average

Detector mode: Peak **Polarity: Vertical**

CH High (IEEE 802.11gn HT20 Mode)

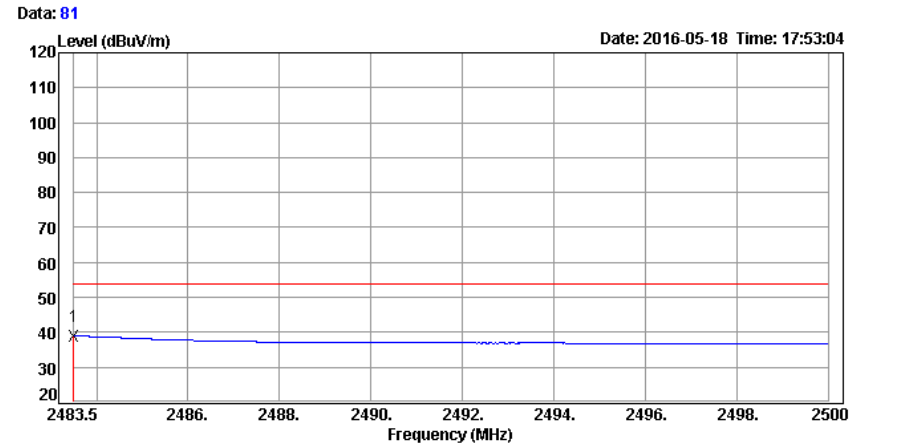


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	48.94	3.02	51.96	74.00	-22.04			Peak
2484.08	50.35	3.02	53.37	74.00	-20.63			Peak

Detector mode: Average **Polarity: Vertical**

CH High (IEEE 802.11gn HT20 Mode)

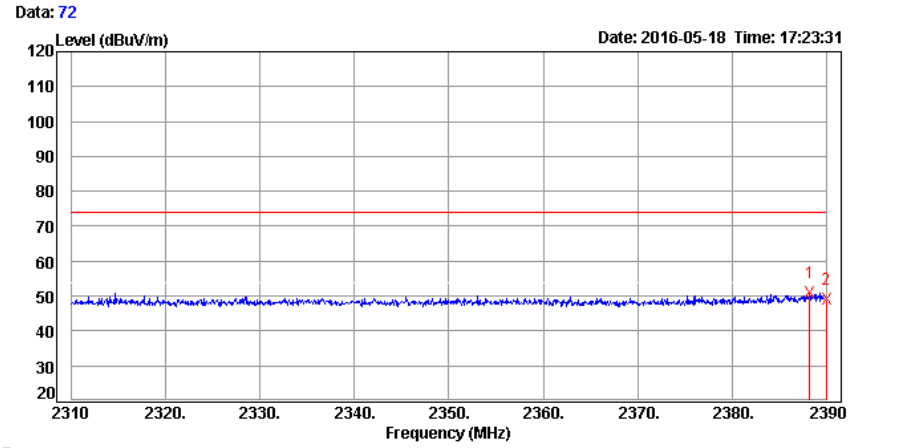


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	35.93	3.02	38.95	54.00	-15.05			Average

Detector mode: Peak **Polarity: Horizontal**

CH Low (IEEE 802.11gn HT40 Mode)

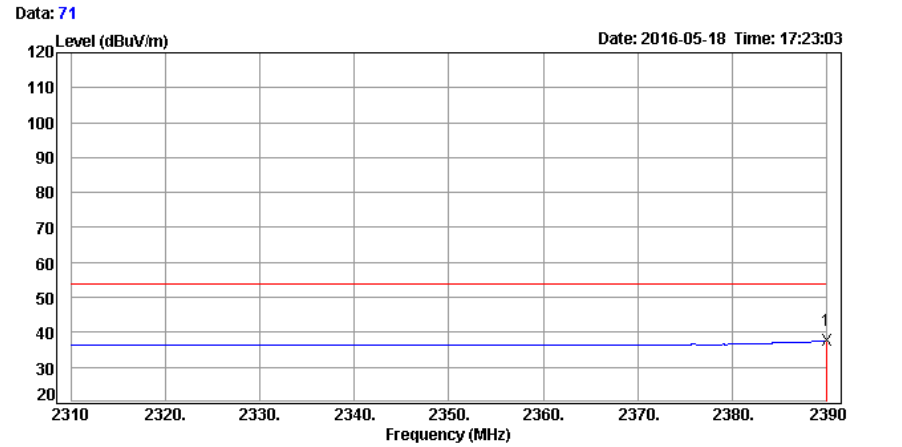


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2388.24	48.23	2.84	51.07	74.00	-22.93			Peak
2390.00	46.16	2.84	49.00	74.00	-25.00			Peak

Detector mode: Average **Polarity: Horizontal**

CH Low (IEEE 802.11gn HT40 Mode)

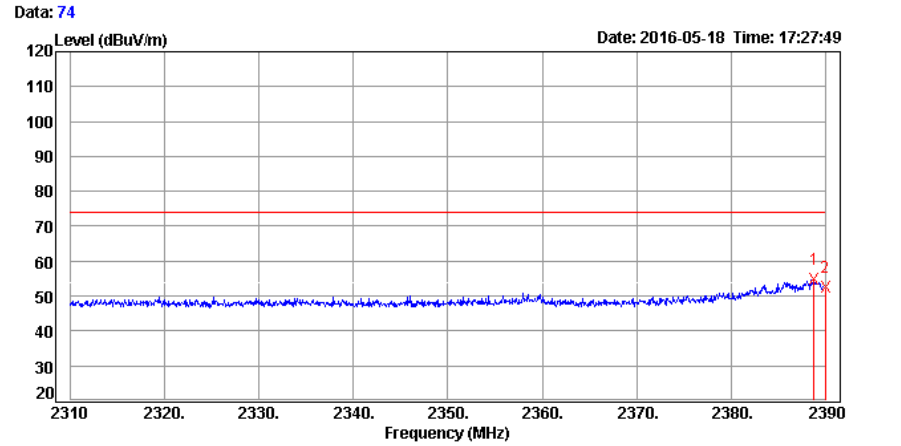


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	34.72	2.84	37.56	54.00	-16.44			Average

Detector mode: Peak **Polarity: Vertical**

CH Low (IEEE 802.11gn HT40 Mode)

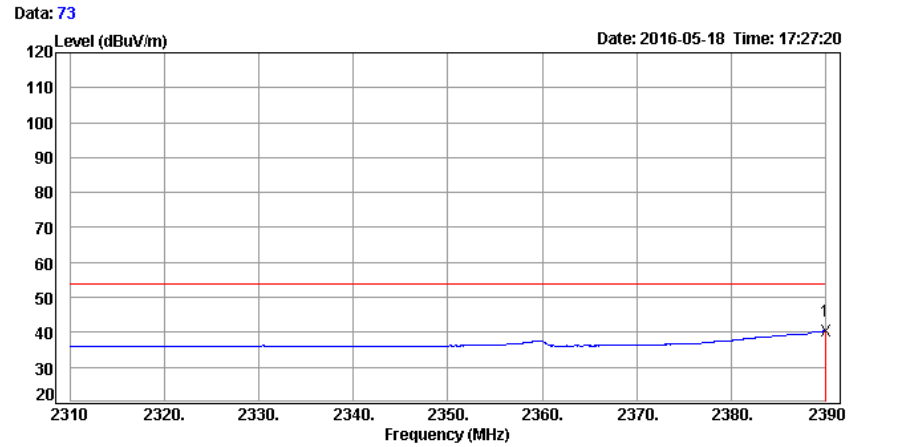


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2388.80	52.13	2.84	54.97	74.00	-19.03			Peak
2390.00	49.61	2.84	52.45	74.00	-21.55			Peak

Detector mode: Average **Polarity: Vertical**

CH Low (IEEE 802.11gn HT40 Mode)

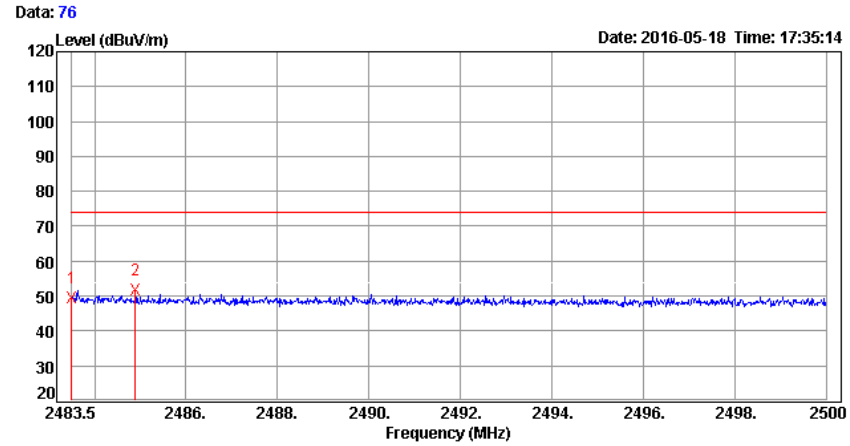


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2390.00	37.56	2.84	40.40	54.00	-13.60			Average

Detector mode: Peak **Polarity: Horizontal**

CH High (IEEE 802.11gn HT40 Mode)

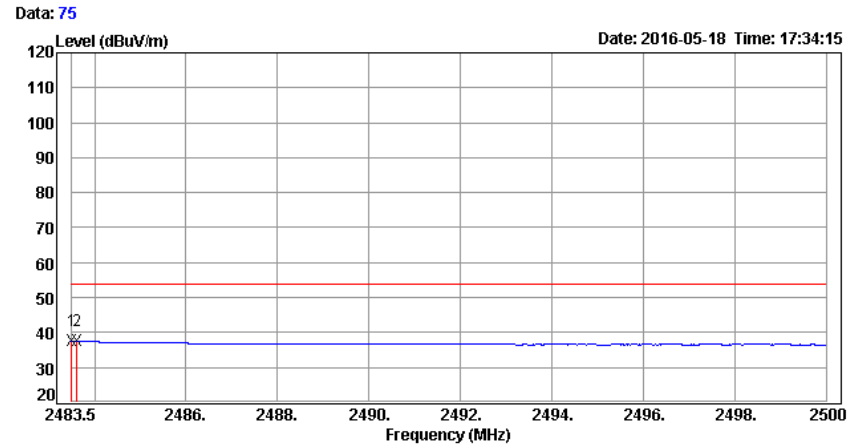


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	46.53	3.02	49.55	74.00	-24.45			Peak
2484.89	48.78	3.02	51.80	74.00	-22.20			Peak

Detector mode: Average **Polarity: Horizontal**

CH High (IEEE 802.11gn HT40 Mode)

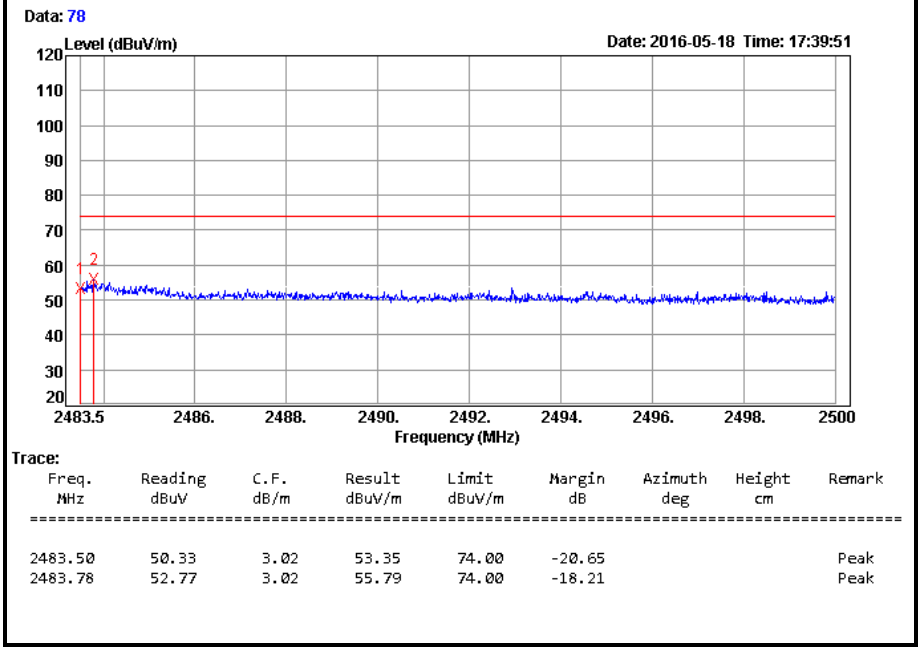


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	34.49	3.02	37.51	54.00	-16.49			Average
2483.62	34.51	3.02	37.53	54.00	-16.47			Average

Detector mode: Peak **Polarity: Vertical**

CH High (IEEE 802.11gn HT40 Mode)

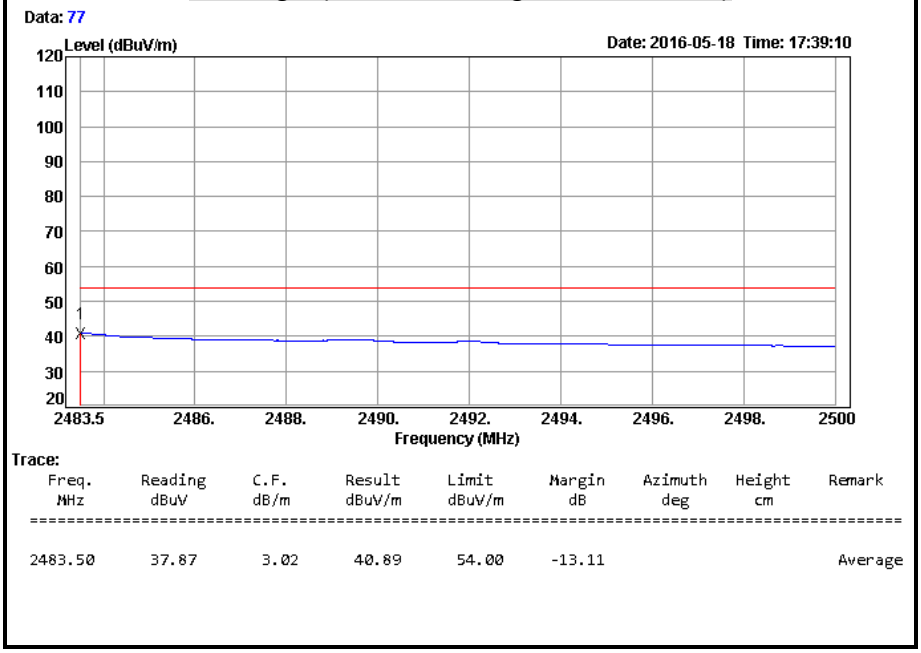


Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	50.33	3.02	53.35	74.00	-20.65			Peak
2483.78	52.77	3.02	55.79	74.00	-18.21			Peak

Detector mode: Average **Polarity: Vertical**

CH High (IEEE 802.11gn HT40 Mode)



Trace:

Freq. MHz	Reading dBuV	C.F. dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Azimuth deg	Height cm	Remark
2483.50	37.87	3.02	40.89	54.00	-13.11			Average

7.8 CONDUCTED EMISSION

LIMITS

§ 15.207 (a) Except as shown in paragraph (b) and (c) this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal.

The lower limit applies at the boundary between the frequency ranges.

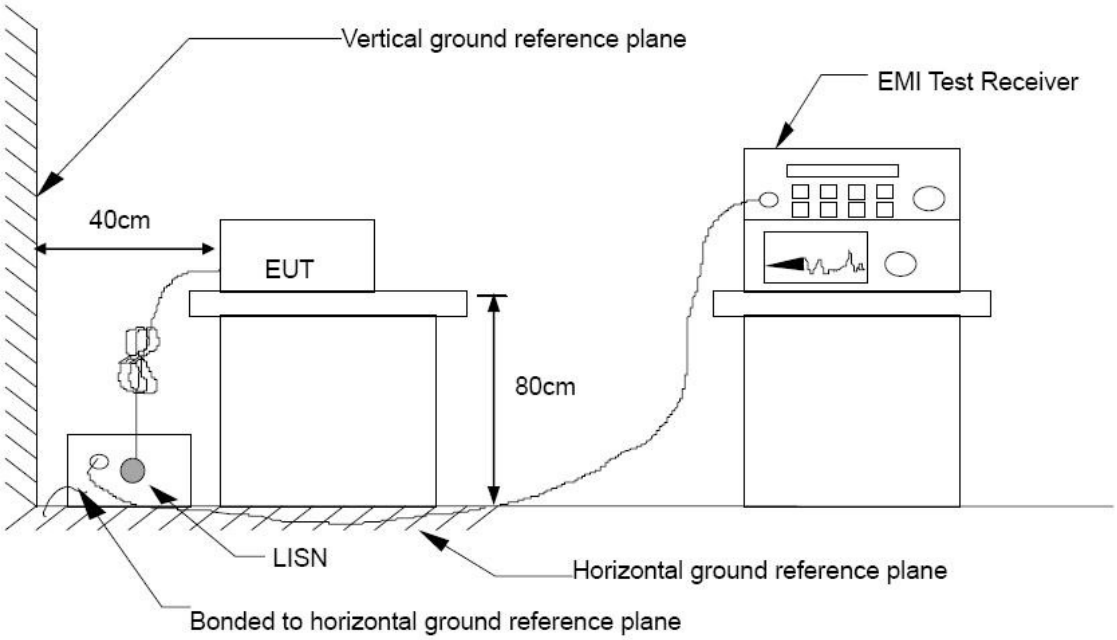
Frequency Range (MHz)	Conducted Limit (dBμv)	
	Quasi-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5.00	56	46
5.00 - 30.0	60	50

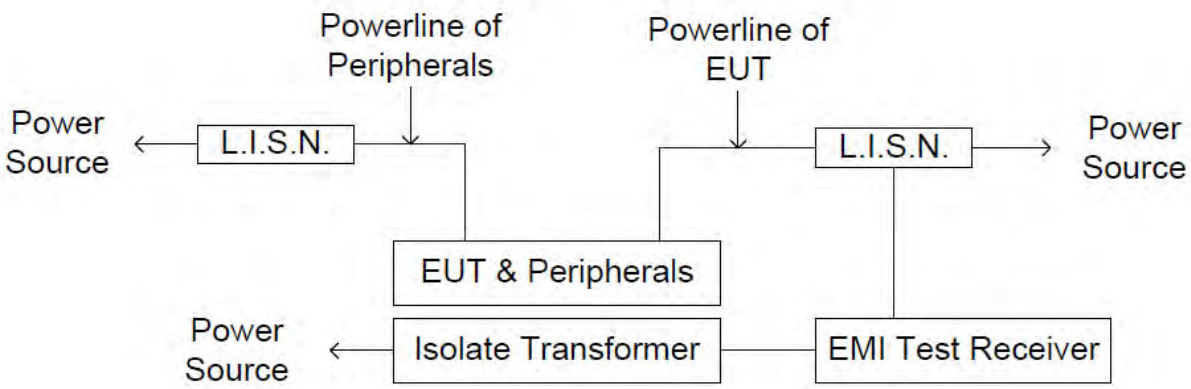
TEST EQUIPMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
L.I.S.N	Schwarzbeck	NSLK 8127	8127465	08/05/2016
L.I.S.N	Schwarzbeck	NSLK 8127	8127473	03/10/2017
EMI Test Receiver	Rohde & Schwarz	ESHS 30	838550/003	10/31/2016
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100111	06/28/2016
Test S/W	E3.815206a			

Remark: *Each piece of equipment is scheduled for calibration once a year.*

TEST SETUP





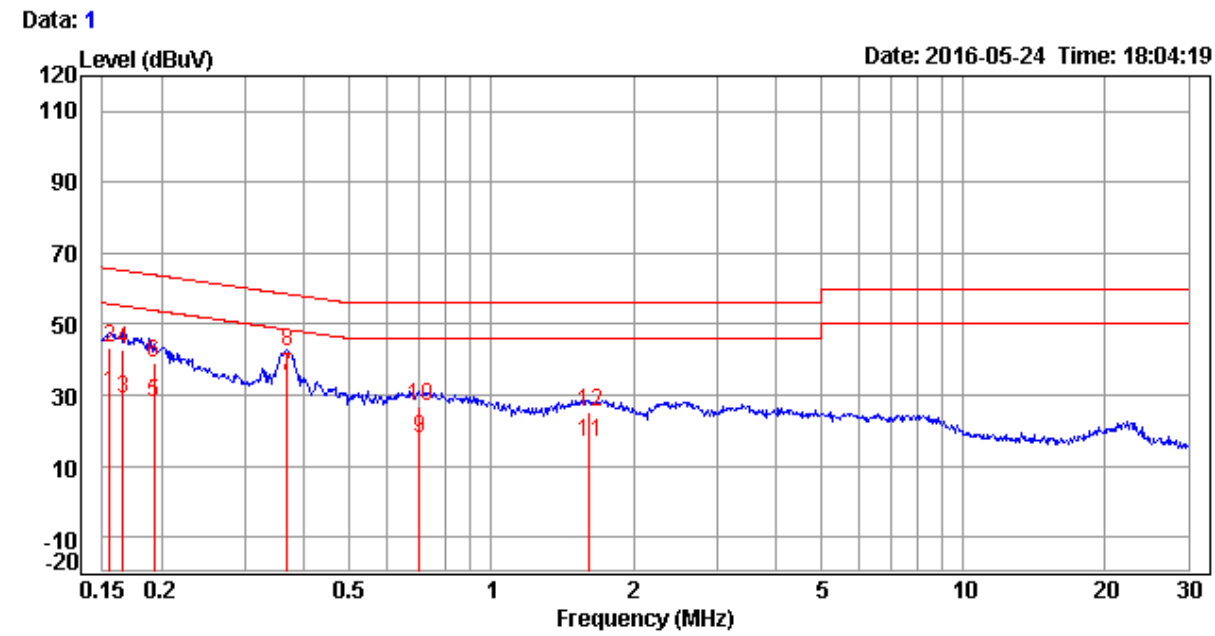
TEST PROCEDURE

The basic test procedure was in accordance with ANSI C63.10:2013.
The test procedure is performed in a 4m × 3m × 2.4m (L×W×H) shielded room.
The EUT along with its peripherals were placed on a 1.0m (W) × 1.5m (L) and 0.8m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.
The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room.
The EUT was located so that the distance between the boundary of the EUT and the closest surface of the LISN is 0.8 m. Where a mains flexible cord was provided by the manufacturer shall be 1 m long, or if in excess of 1 m, the excess cable was folded back and forth as far as possible so as to form a bundle not exceeding 0.4 m in length.

TEST RESULTS

Product Name	Body Camera	Test By	Jey Li
Test Model	DrivePro Body 52	Test Date	2016/05/24
Test Mode	Mode 1	Temp. & Humidity	20.6°C, 46%

LINE



Trace:

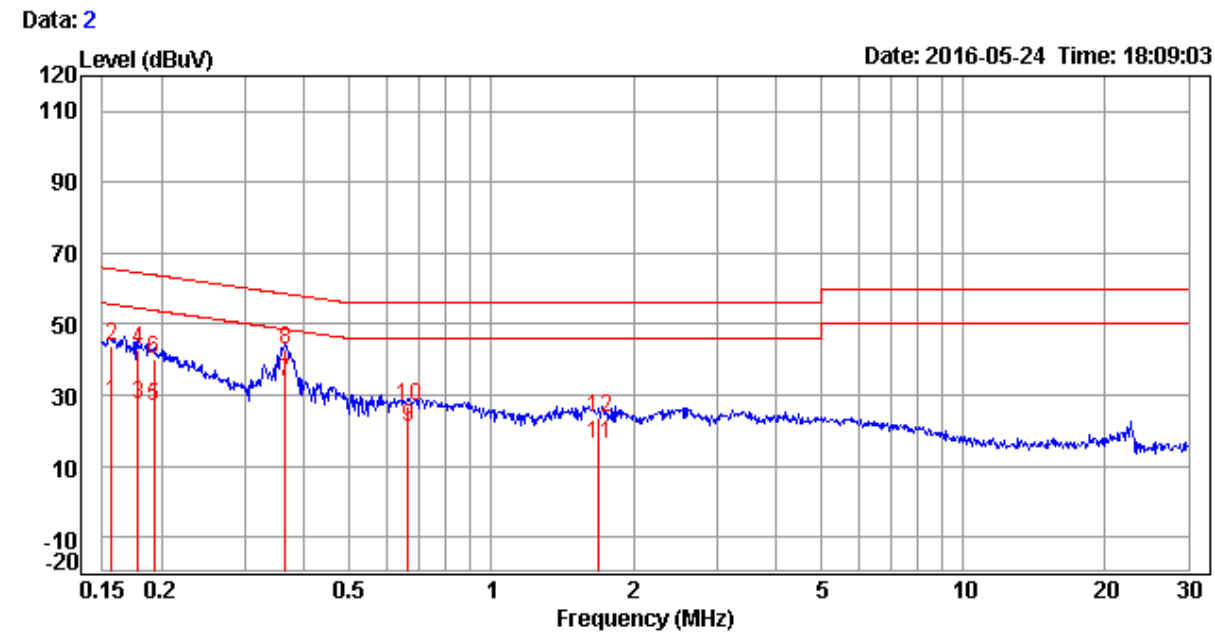
Freq. MHz	Reading dBuV Q.P.	Reading dBuV AV.	C.F. dB	Result dBuV Q.P.	Result dBuV AV.	Limit dBuV Q.P.	Limit dBuV AV.	Margin dB Q.P.	Margin dB AV.
0.155	33.48	20.76	10.04	43.52	30.80	65.74	55.74	-22.22	-24.94
0.166	32.68	18.94	10.04	42.72	28.98	65.16	55.16	-22.44	-26.18
0.192	29.20	17.93	10.04	39.24	27.97	63.93	53.93	-24.69	-25.96
0.369	32.16	25.26	10.07	42.23	35.33	58.52	48.52	-16.29	-13.19
0.701	16.88	7.58	10.07	26.95	17.65	56.00	46.00	-29.05	-28.35
1.610	15.18	6.75	10.11	25.29	16.86	56.00	46.00	-30.71	-29.14

Remark:

1. *Correction Factor = Insertion loss + Cable loss*
2. *Result level = Reading Value + Correction factor*
3. *Margin value = Result level – Limit value*

Product Name	Body Camera	Test By	Jey Li
Test Model	DrivePro Body 52	Test Date	2016/05/24
Test Mode	Mode 1	Temp. & Humidity	20.6°C, 46%

NEUTRAL



Trace:

Freq. MHz	Reading dBuV Q.P.	Reading dBuV AV.	C.F. dB	Result dBuV Q.P.	Result dBuV AV.	Limit dBuV Q.P.	Limit dBuV AV.	Margin dB Q.P.	Margin dB AV.
0.156	33.84	18.07	10.04	43.88	28.11	65.65	55.65	-21.77	-27.54
0.178	33.00	17.28	10.05	43.05	27.33	64.59	54.59	-21.54	-27.26
0.192	29.90	16.80	10.06	39.96	26.86	63.93	53.93	-23.97	-27.07
0.365	32.64	23.46	10.05	42.69	33.51	58.61	48.61	-15.92	-15.10
0.665	16.96	11.03	10.07	27.03	21.10	56.00	46.00	-28.97	-24.90
1.689	13.54	6.07	10.11	23.65	16.18	56.00	46.00	-32.35	-29.82

Remark:

1. *Correction Factor = Insertion loss + Cable loss*
2. *Result level = Reading Value + Correction factor*
3. *Margin value = Result level – Limit value*