

**Test Mode:** TX/ IEEE 802.11n HT40 MHz (CH High)**Tested by:** Eve Wang**Ambient temperature:** 24°C **Relative humidity:** 52% RH**Date:** August 26, 2015

Frequency (MHz)	Reading (dBuV)	Correction Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Pole (V/H)	Remark
1954.000	50.03	-5.29	44.74	74.00	-29.26	V	Peak
2575.000	44.98	-2.12	42.86	74.00	-31.14	V	Peak
4366.000	41.53	2.88	44.41	74.00	-29.59	V	Peak
5203.000	41.09	5.34	46.43	74.00	-27.57	V	Peak
6418.000	40.21	6.76	46.97	74.00	-27.03	V	Peak
7462.000	40.63	8.60	49.23	74.00	-24.77	V	Peak
1945.000	47.92	-5.35	42.57	74.00	-31.43	H	Peak
2530.000	44.90	-2.21	42.69	74.00	-31.31	H	Peak
4699.000	41.72	4.00	45.72	74.00	-28.28	H	Peak
5635.000	41.54	5.93	47.47	74.00	-26.53	H	Peak
6292.000	40.75	6.55	47.30	74.00	-26.70	H	Peak
7732.000	39.84	9.13	48.97	74.00	-25.03	H	Peak

REMARKS:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Radiated emissions measured in frequency above 1000MHz were made with an instrument using peak/average detector mode.
3. Average test would be performed if the peak result were greater than the average limit or as required by the applicant.
4. Data of measurement within this frequency range shown “ --- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
5. Measurements above shown 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.
6. Margin (dB) = Remark result (dBuV/m) – Average limit (dBuV/m).



7.3. 6dB BANDWIDTH MEASUREMENT

7.3.1. LIMITS

According to §15.247(a)(2), systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz. The minimum 6 dB bandwidth shall be at least 500 kHz.

7.3.2. TEST INSTRUMENTS

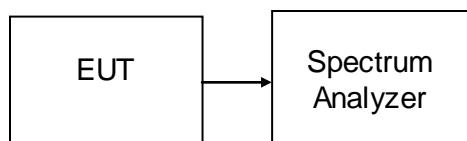
Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Calibration Due
Spectrum Analyzer	E4446A	US44300399	02/28/2015	02/27/2016	10/24/2015

7.3.3. TEST PROCEDURES (please refer to measurement standard)

8.1 Option 1:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) 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.

7.3.4. TEST SETUP





7.3.5. TEST RESULTS

No non-compliance noted

Test Data

Test mode: IEEE 802.11b

Channel	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
Low	2412	9154	>500	PASS
Mid	2437	9155		PASS
High	2462	9155		PASS

Test mode: IEEE 802.11g

Channel	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
Low	2412	16406	>500	PASS
Mid	2437	16399		PASS
High	2462	16422		PASS

Test mode: IEEE 802.11n HT20 MHz

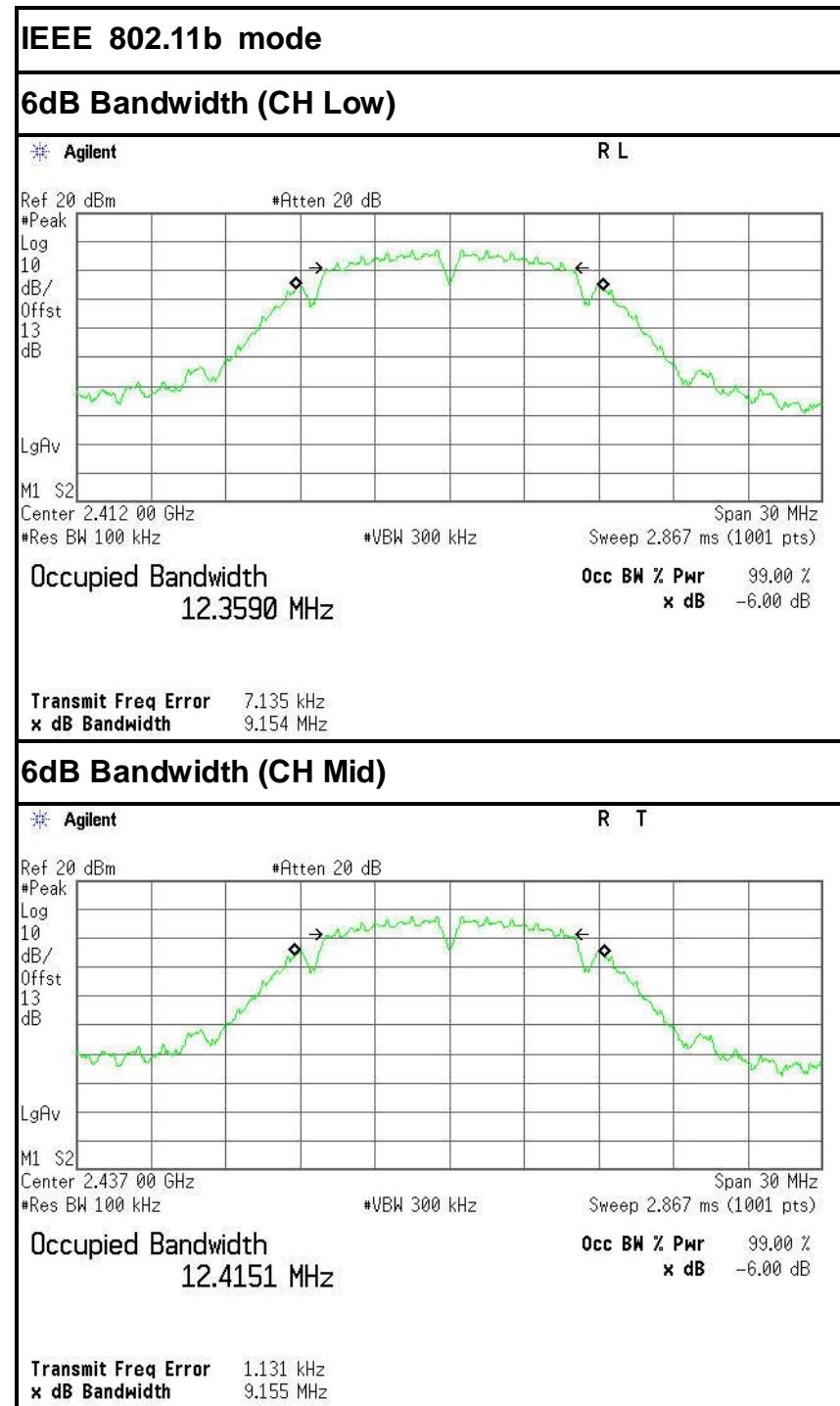
Channel	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
Low	2412	17618	>500	PASS
Mid	2437	17631		PASS
High	2462	17632		PASS

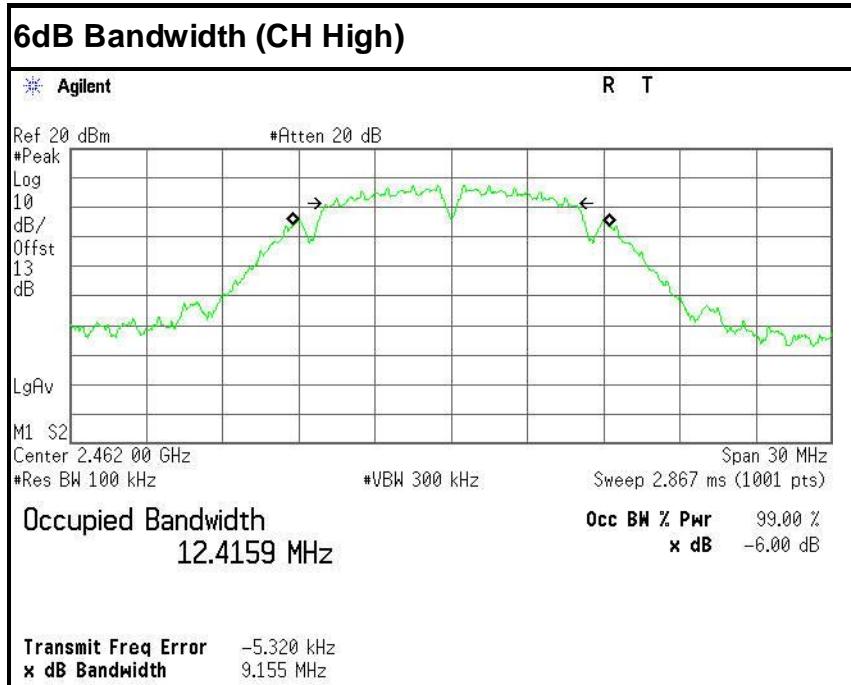
Test mode: IEEE 802.11n HT40 MHz

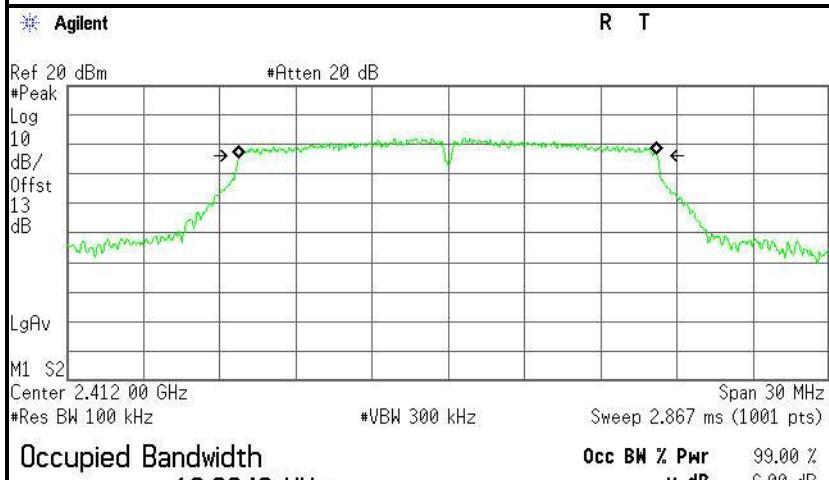
Channel	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
Low	2422	36382	>500	PASS
Mid	2437	36360		PASS
High	2452	36369		PASS



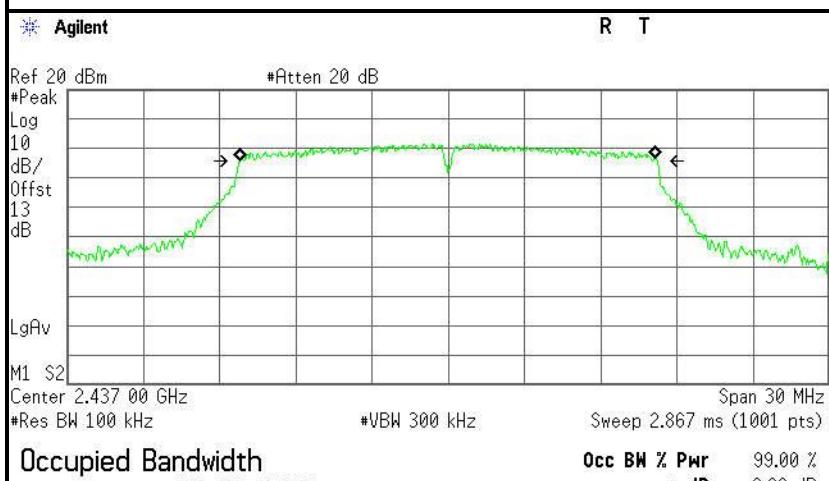
Test Plot



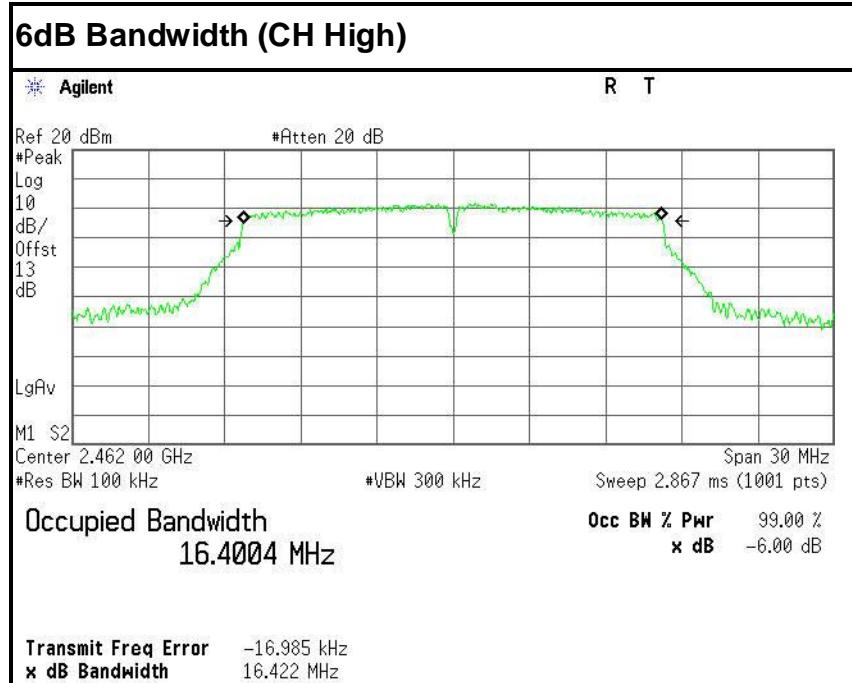


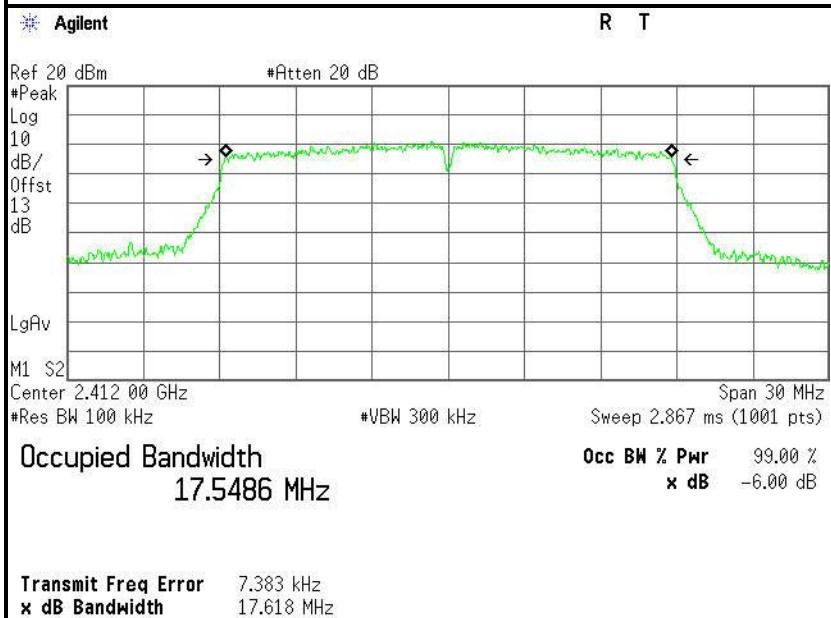
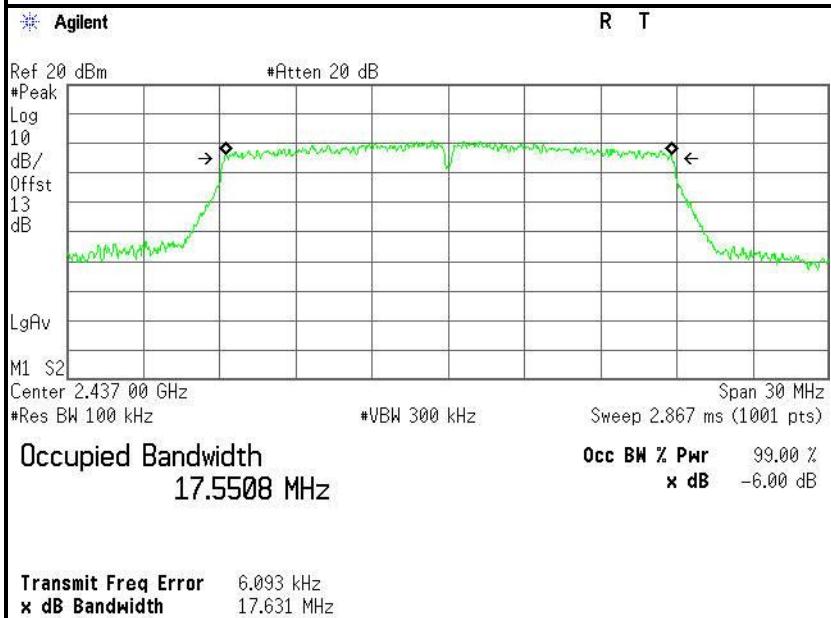
**IEEE 802.11g mode****6dB Bandwidth (CH Low)**

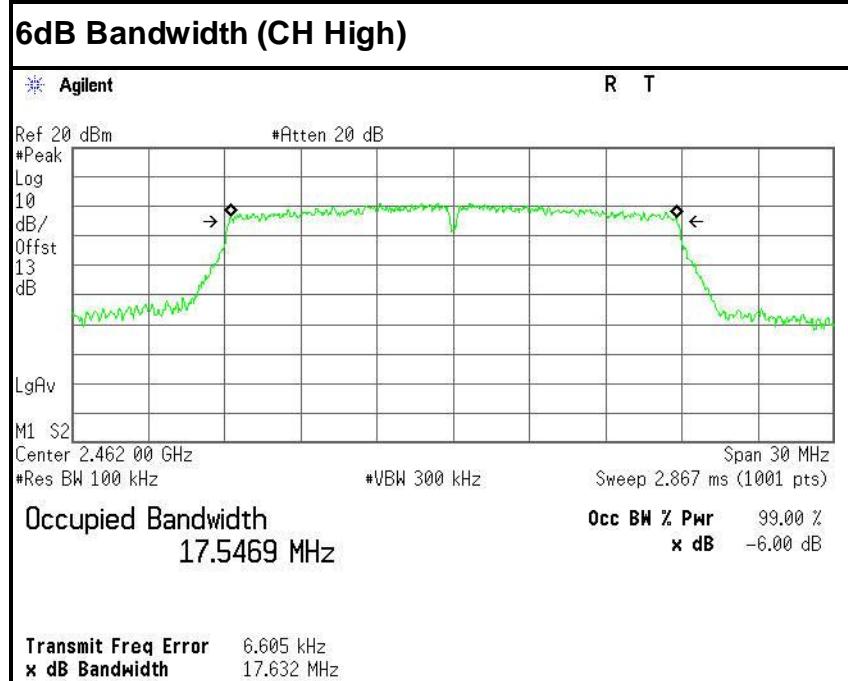
Transmit Freq Error -13.871 kHz
x dB Bandwidth 16.406 MHz

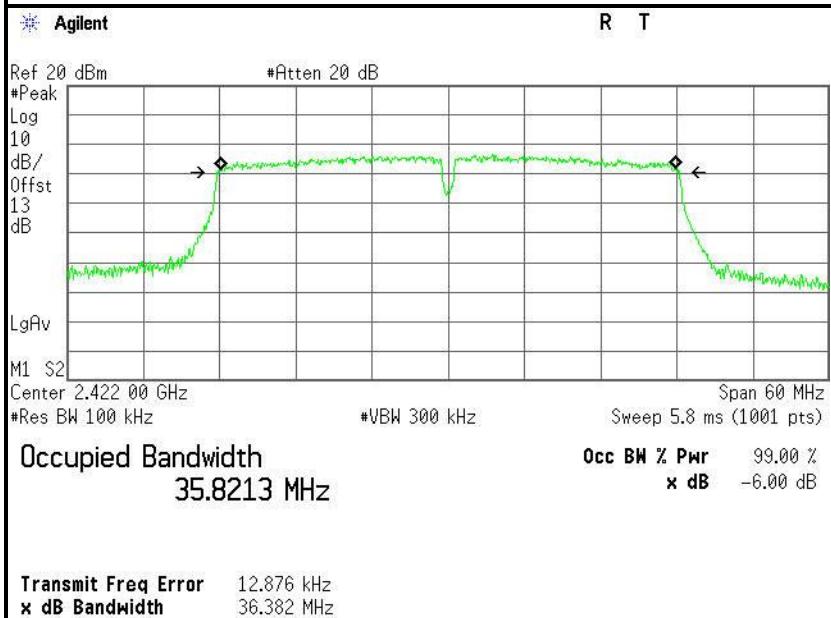
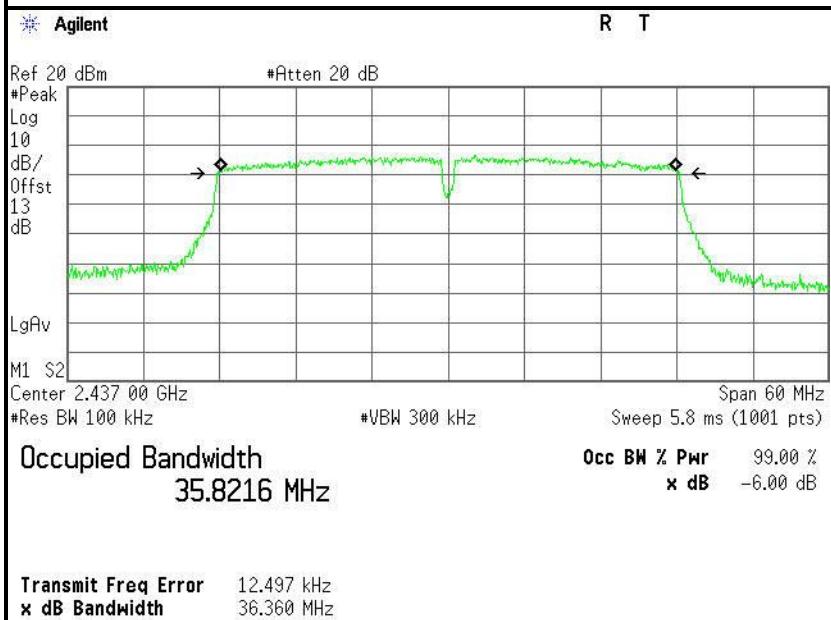
6dB Bandwidth (CH Mid)

Transmit Freq Error -6.381 kHz
x dB Bandwidth 16.399 MHz



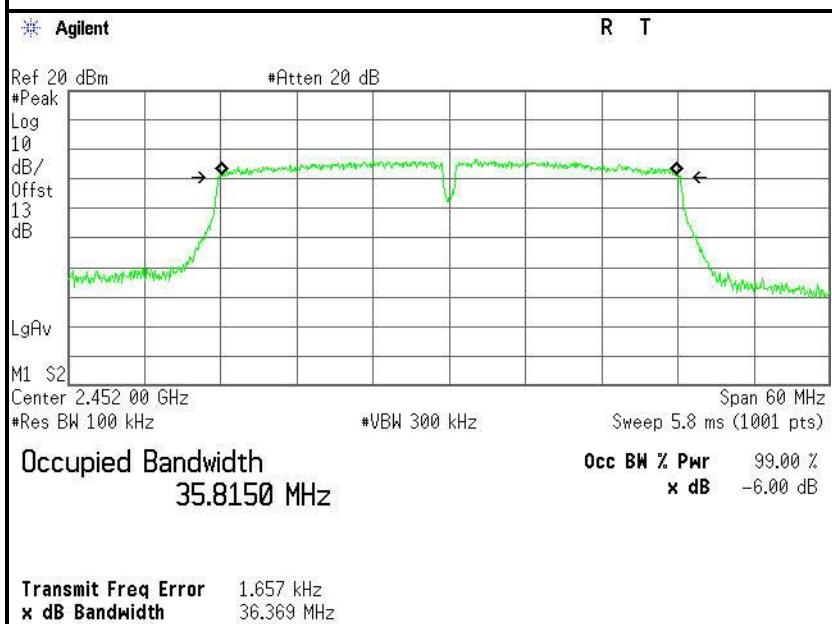
**IEEE 802.11n HT20 MHz mode****6dB Bandwidth (CH Low)****6dB Bandwidth (CH Mid)**



**IEEE 802.11n HT40 MHz mode****6dB Bandwidth (CH Low)****6dB Bandwidth (CH Mid)**



6dB Bandwidth (CH High)





7.4. ANTENNA GAIN

MEASUREMENT

The antenna gain of the complete system is calculated by the difference of radiated power in EIRP and the conducted power of the module. For normal WLAN devices, the DSSS mode is used.

MEASUREMENT PARAMETERS

Measurement parameter	
Detector	Peak
Sweep time	Auto
Resolution bandwidth	3 MHz
Video bandwidth	3 MHz
Trace-Mode	Max hold

LIMITS

FCC	IC
Antenna Gain	
6 dBi	



TEST RESULTS

IEEE 802.11b mode

T _{nom}	V _{nom}	Lowest channel 2412MHz	Middle channel 2437MHz	Highest channel 2462MHz
Conducted power [dBm/MHz] Measured with DSSS modulation		11.35	11.26	10.31
Radiated power [dBm/MHz] Measured with DSSS modulation		13.26	13.05	12.95
Gain [dBi] Calculated		1.91	1.79	2.64
Measurement uncertainty	± 1.5 dB (cond.) / ± 3 dB (rad.)			



7.5. PEAK OUTPUT POWER

7.5.1. LIMITS

The maximum peak output power of the intentional radiator shall not exceed the following:

1. According to §15.247(b)(3), for systems using digital modulation in the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz: 1 Watt.
2. According to §15.247(b)(4), the conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (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.

7.5.2. TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Calibration Due
Power Meter	Anritsu	ML2495A	1204003	02/28/2015	02/27/2016
Power Sensor	Anritsu	MA2411B	1126150	02/28/2015	02/27/2016

7.5.3. TEST PROCEDURES (please refer to measurement standard)

9.1.1 RBW \geq DTS bandwidth

This procedure shall be used when the measurement instrument has available a resolution bandwidth that is greater than the *DTS bandwidth*.

- a) Set the RBW \geq DTS bandwidth.
- b) Set VBW \geq 3 RBW.
- c) Set span \geq 3 x RBW
- d) Sweep time = auto couple.
- e) Detector = peak.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use peak marker function to determine the peak amplitude level.



9.1.2 Integrated band power method

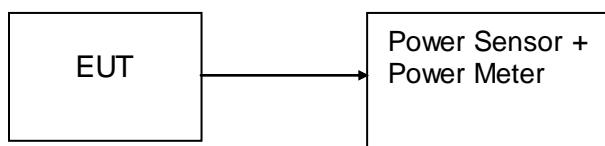
This procedure may be used when the maximum available RBW of the measurement instrument is less than the *DTS bandwidth*.

- a) Set the RBW = 1 MHz.
- b) Set the VBW \geq 3 RBW
- c) Set the span \geq 1.5 x DTS bandwidth.
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select peak detector). If the instrument does not have a band power function, sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS bandwidth.

9.1.3 PKPM1 Peak power meter method

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.

7.5.4. TEST SETUP





7.5.5. TEST RESULTS

No non-compliance noted

Test Data

Test mode: IEEE 802.11b

Channel	Frequency (MHz)	Output Power (dBm)	Output Power (W)	Limit (W)	Peak / AVG	Result
Low	2412	17.27	0.05333	1	Peak	PASS
Mid	2437	17.20	0.05248			PASS
High	2462	17.25	0.05309			PASS
Low	2412	14.15	0.02600	1	AVG	PASS
Mid	2437	14.12	0.02582			PASS
High	2462	14.15	0.02600			PASS

Test mode: IEEE 802.11g

Channel	Frequency (MHz)	Output Power (dBm)	Output Power (W)	Limit (W)	Peak / AVG	Result
Low	2412	21.92	0.15560	1	Peak	PASS
Mid	2437	21.24	0.13305			PASS
High	2462	21.90	0.15488			PASS
Low	2412	12.38	0.01730	1	AVG	PASS
Mid	2437	12.19	0.01656			PASS
High	2462	12.36	0.01722			PASS

Test mode: IEEE 802.11n HT20 MHz

Channel	Frequency (MHz)	Output Power (dBm)	Output Power (W)	Limit (W)	Peak / AVG	Result
Low	2412	20.45	0.11092	1	Peak	PASS
Mid	2437	21.03	0.12677			PASS
High	2462	20.32	0.10765			PASS
Low	2412	11.83	0.01524	1	AVG	PASS
Mid	2437	11.79	0.01510			PASS
High	2462	11.63	0.01455			PASS

Test mode: IEEE 802.11n HT40 MHz

Channel	Frequency (MHz)	Output Power (dBm)	Output Power (W)	Limit (W)	Peak / AVG	Result
Low	2422	20.65	0.11614	1	Peak	PASS
Mid	2437	20.42	0.11015			PASS
High	2452	20.48	0.11169			PASS
Low	2422	11.48	0.01406	1	AVG	PASS
Mid	2437	11.40	0.01380			PASS
High	2452	11.22	0.01324			PASS



7.6. BAND EDGES MEASUREMENT

7.6.1. LIMITS

According to §15.247(d), in any 100 kHz bandwidth outside the frequency bands 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 band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. 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 Section 15.205(c)).

7.6.2. TEST INSTRUMENTS

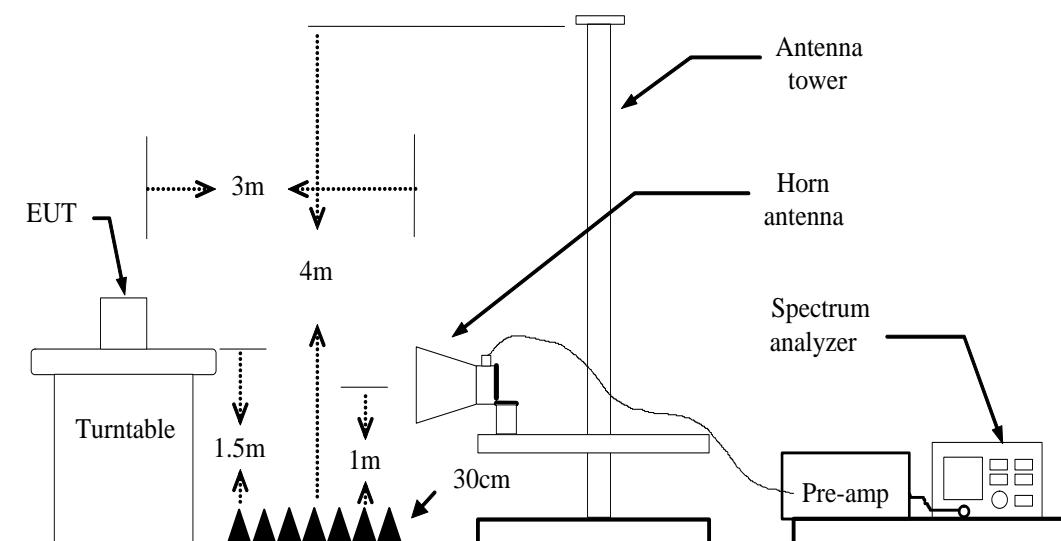
Radiated Emission Test Site 966 (2)					
Name of Equipment	Manufacturer	Model Number	Serial Number	Last Calibration	Due Calibration
EMI TEST RECEIVER	Agilent	N9038A	US44300399	02/28/2015	02/27/2016
EMI TEST RECEIVER	ROHDE&SCHWARZ	ESCI	100783	02/28/2015	02/27/2016
Amplifier	MITEQ	AM-1604-3000	1123808	03/18/2015	03/18/2016
High Noise Amplifier	Agilent	8449B	3008A01838	02/28/2015	02/27/2016
Board-Band Horn Antenna	Schwarzbeck	BBHA9170	9170-497	02/28/2015	02/27/2016
Bilog Antenna	SCHAFFNER	CBL6143	5082	02/28/2015	02/27/2016
Horn Antenna	SCHWARZBECK	BBHA9120	D286	02/28/2015	02/27/2016
Loop Antenna	COM-POWER	AL-130	121044	09/25/2014	09/24/2015
Turn Table	N/A	N/A	N/A	N.C.R	N.C.R
Controller	Sunol Sciences	SC104V	022310-1	N.C.R	N.C.R
Controller	CT	N/A	N/A	N.C.R	N.C.R
Temp. / Humidity Meter	Anymetre	JR913	N/A	02/28/2015	02/27/2016
Antenna Tower	SUNOL	TLT2	N/A	N.C.R	N.C.R
Test S/W	FARAD	LZ-RF / CCS-SZ-3A2			

NOTE: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The FCC Site Registration number is 101879.
3. N.C.R = No Calibration Required.

7.6.3. TEST PROCEDURES (please refer to measurement standard)

1. The EUT is placed on a turntable, which is 1.5m above the ground plane.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=1MHz / VBW=3MHz / Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz / VBW=3MHz / Sweep=AUTO / Detector=RMS
5. Repeat the procedures until all the PEAK and AVERAGE versus POLARIZATION are

7.6.4. TEST SETUP



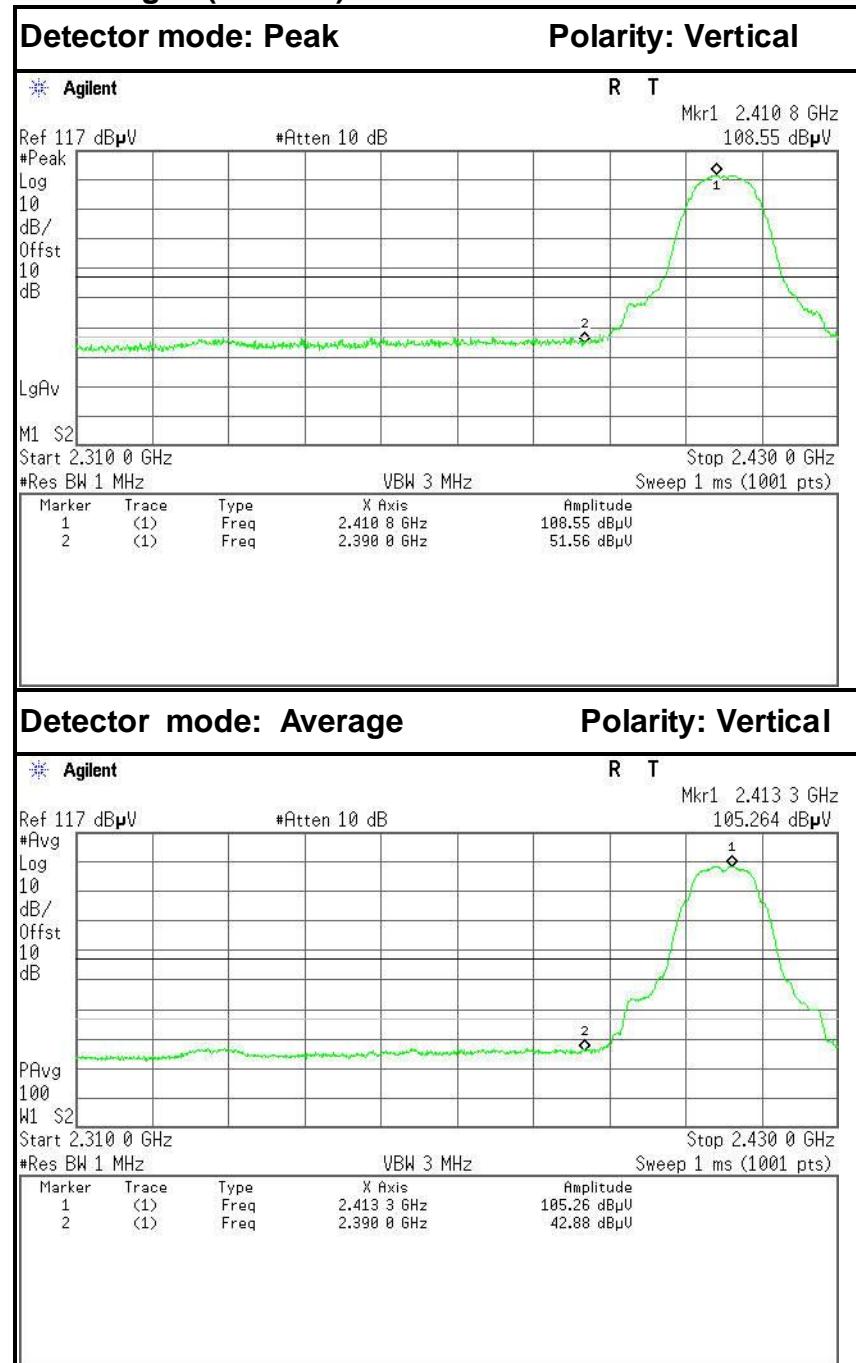


7.6.5. TEST RESULTS

Test Plot

IEEE 802.11b mode

Band Edges (CH Low)

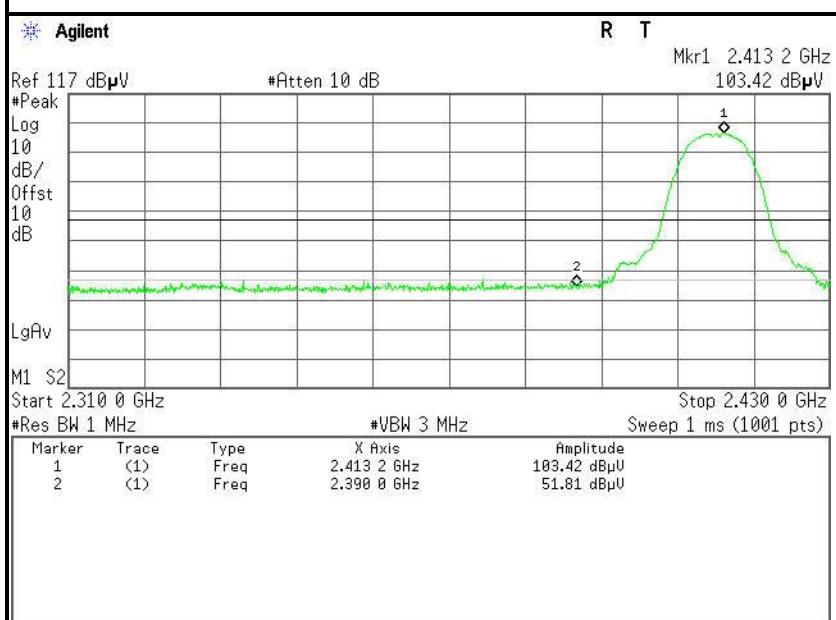


No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	44.96	-6.60	51.56	74.00	-22.44	Peak	Vertical
2	2390.0000	36.28	-6.60	42.88	54.00	-11.12	Average	Vertical



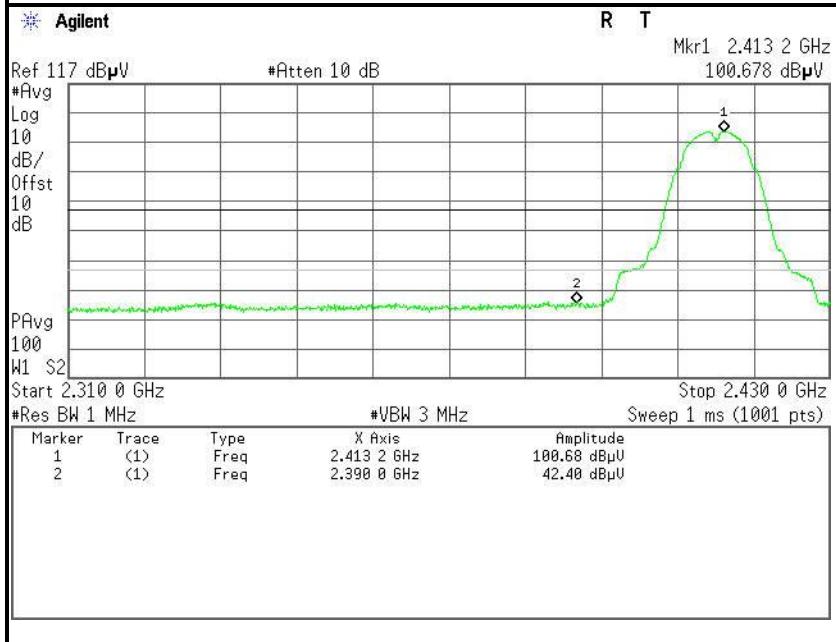
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

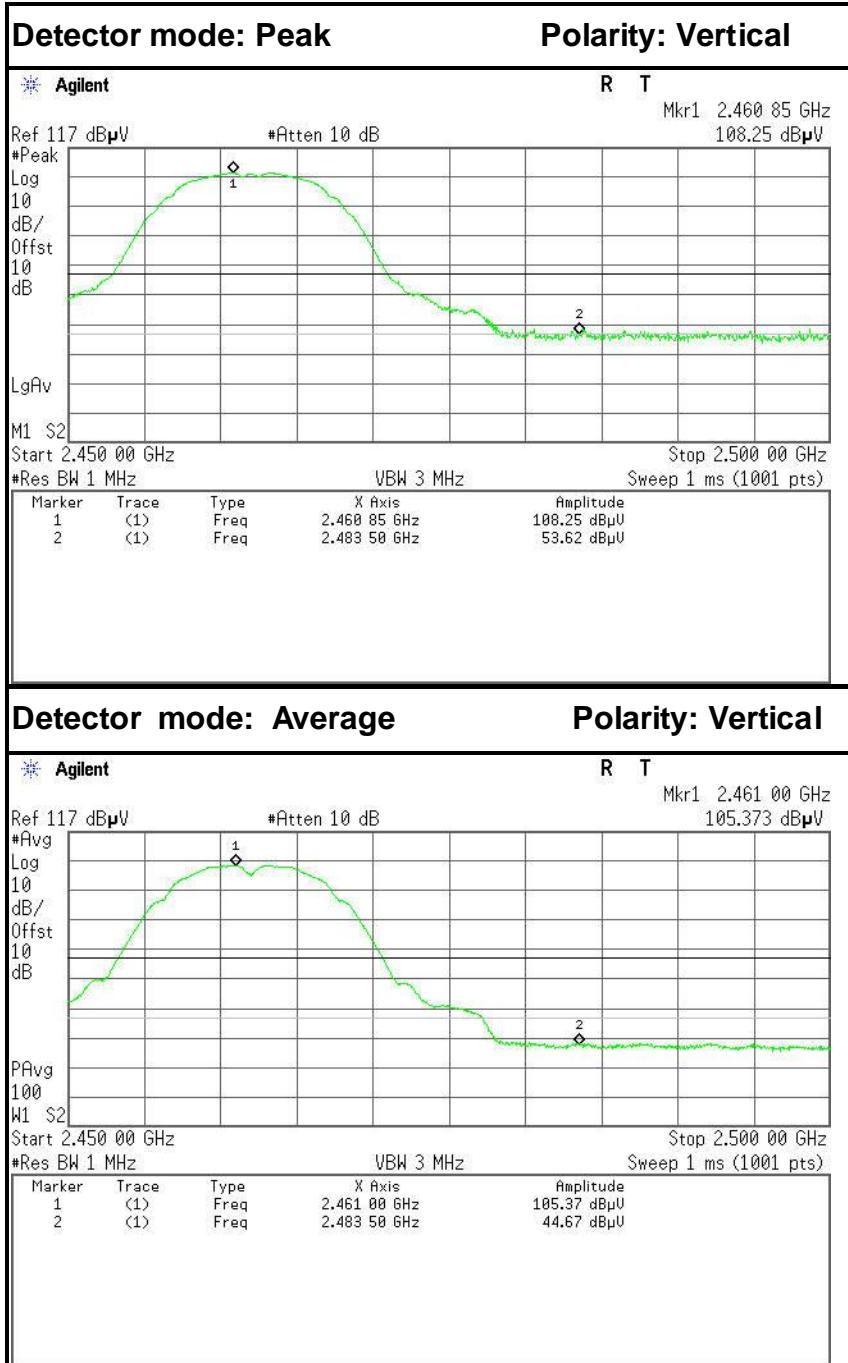
Polarity: Horizontal



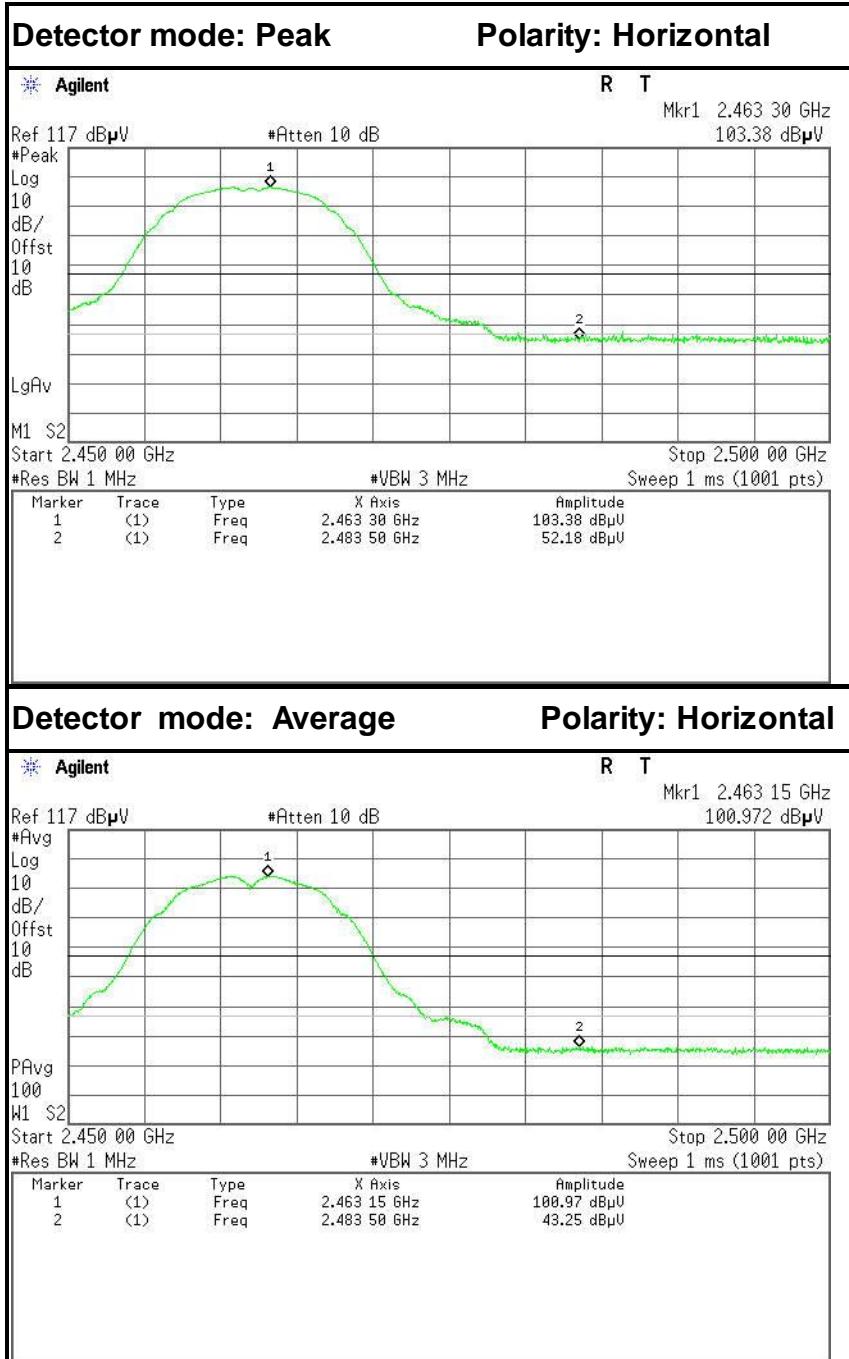
No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	45.21	-6.60	51.81	74.00	-22.19	Peak	Horizontal
2	2390.0000	35.80	-6.60	42.40	54.00	-11.60	Average	Horizontal



Band Edges (CH High)



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	47.38	-6.24	53.62	74.00	-20.38	Peak	Vertical
2	2483.5000	38.43	-6.24	44.67	54.00	-9.33	Average	Vertical

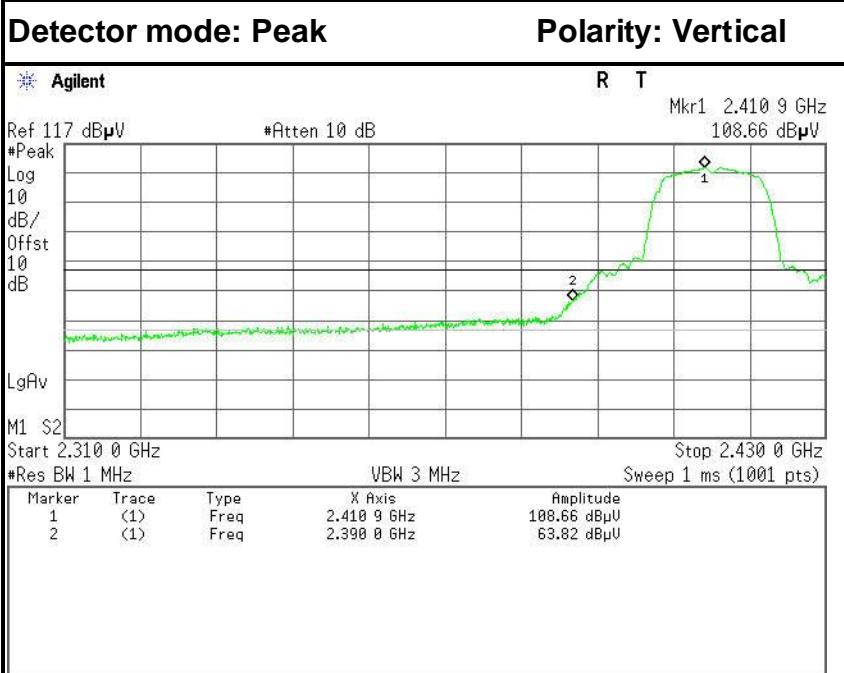


No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	45.94	-6.24	52.18	74.00	-21.82	Peak	Horizontal
2	2483.5000	37.01	-6.24	43.25	54.00	-10.75	Average	Horizontal

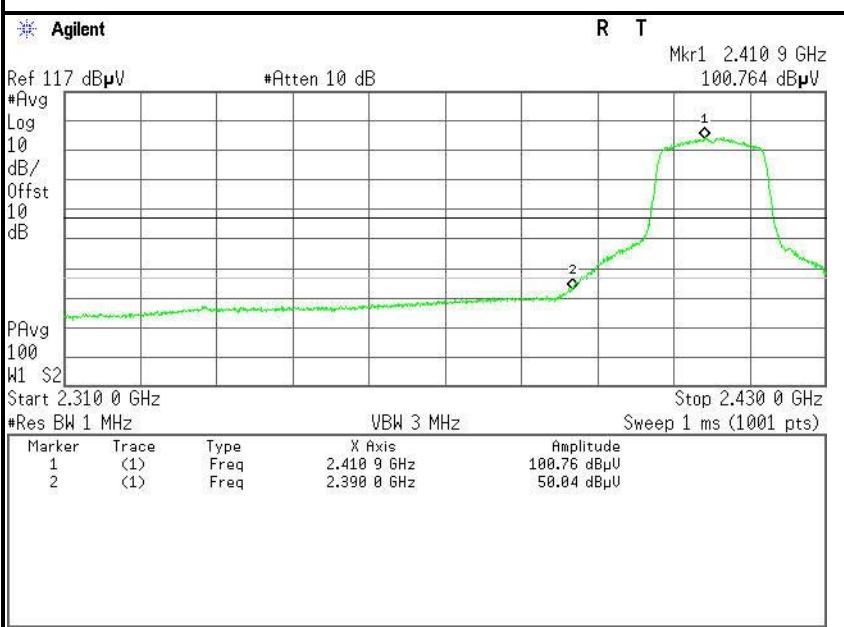


IEEE 802.11g mode

Band Edges (CH Low)



Detector mode: Average Polarity: Vertical

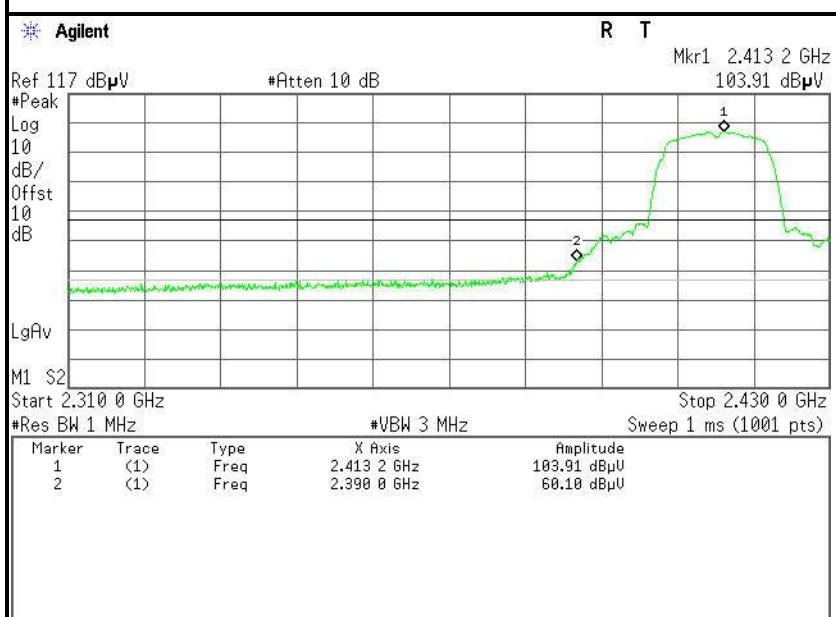


No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	57.22	-6.60	63.82	74.00	-10.18	Peak	Vertical
2	2390.0000	43.44	-6.60	50.04	54.00	-3.96	Average	Vertical



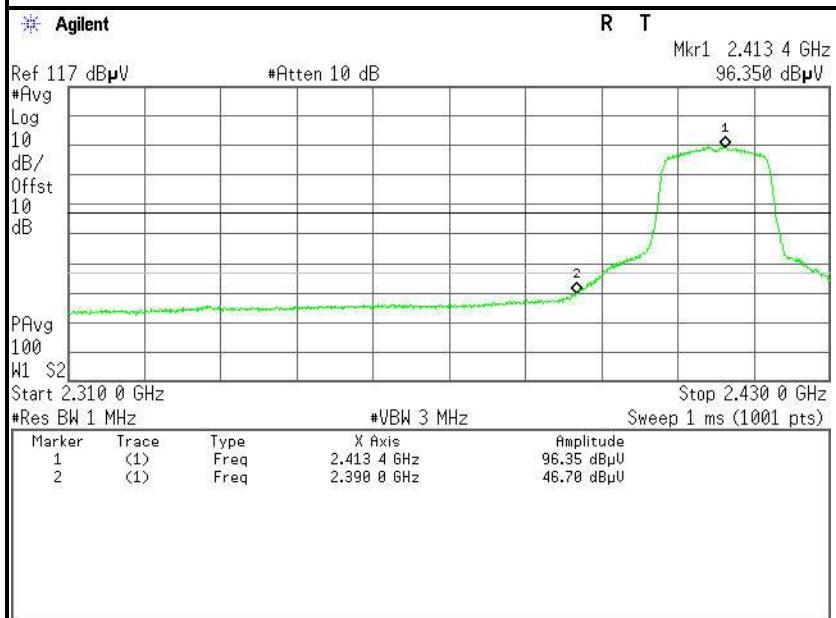
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

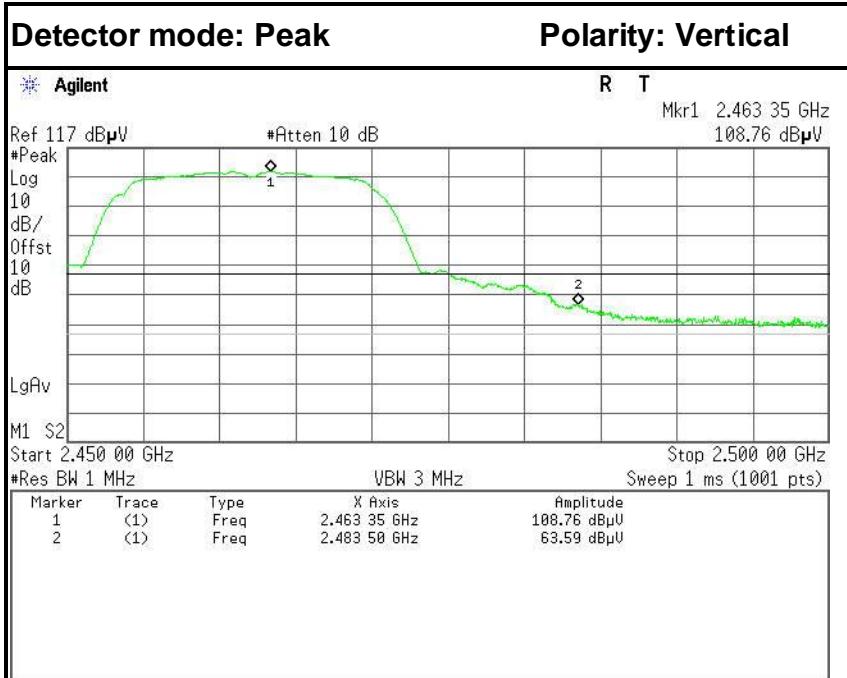
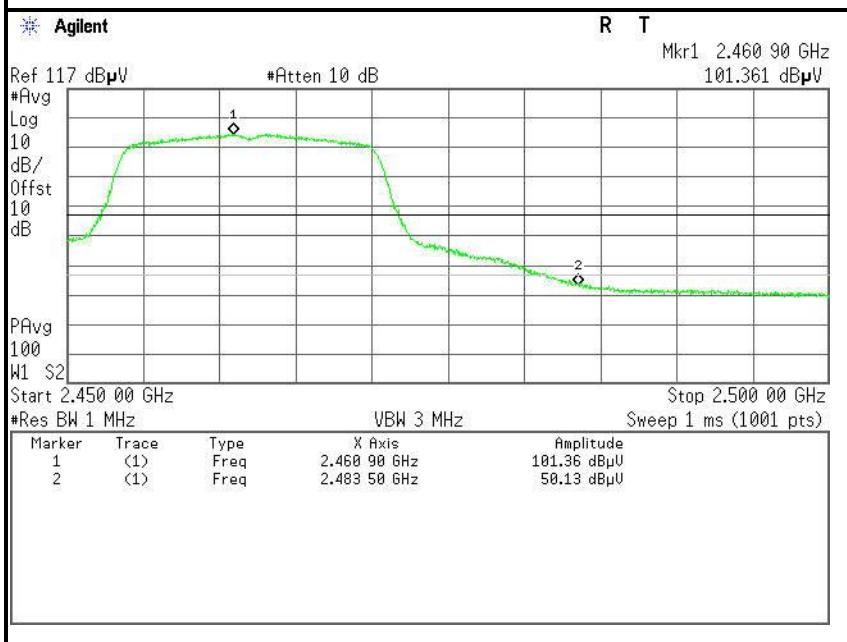
Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	53.50	-6.60	60.10	74.00	-13.90	Peak	Horizontal
2	2390.0000	40.10	-6.60	46.70	54.00	-7.30	Average	Horizontal



Band Edges (CH High)

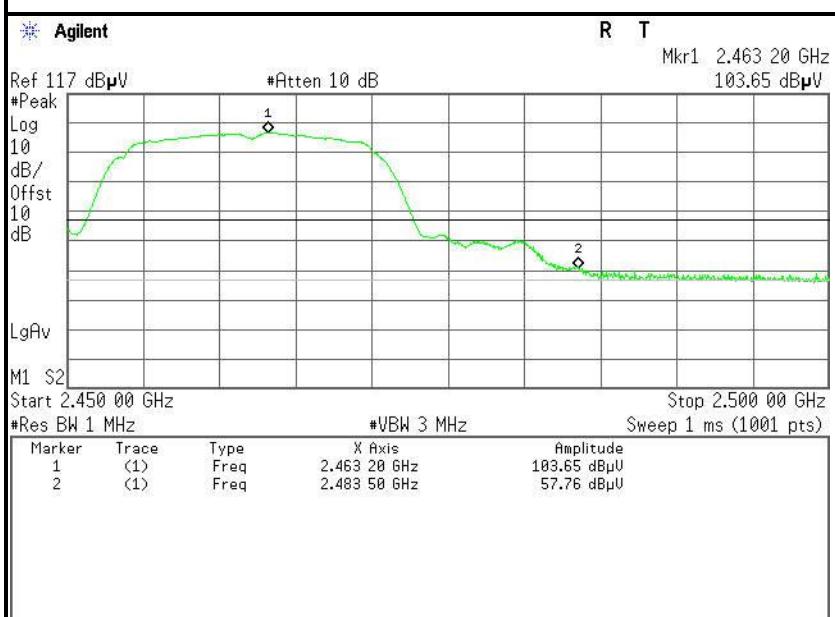
**Detector mode: Average** **Polarity: Vertical**

No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	57.35	-6.24	63.59	74.00	-10.41	Peak	Vertical
2	2483.5000	43.89	-6.24	50.13	54.00	-3.87	Average	Vertical



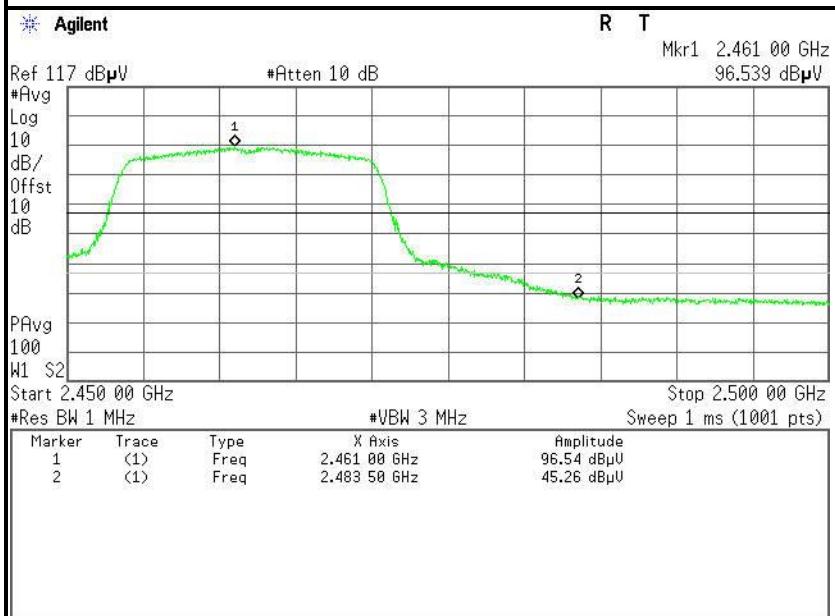
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal

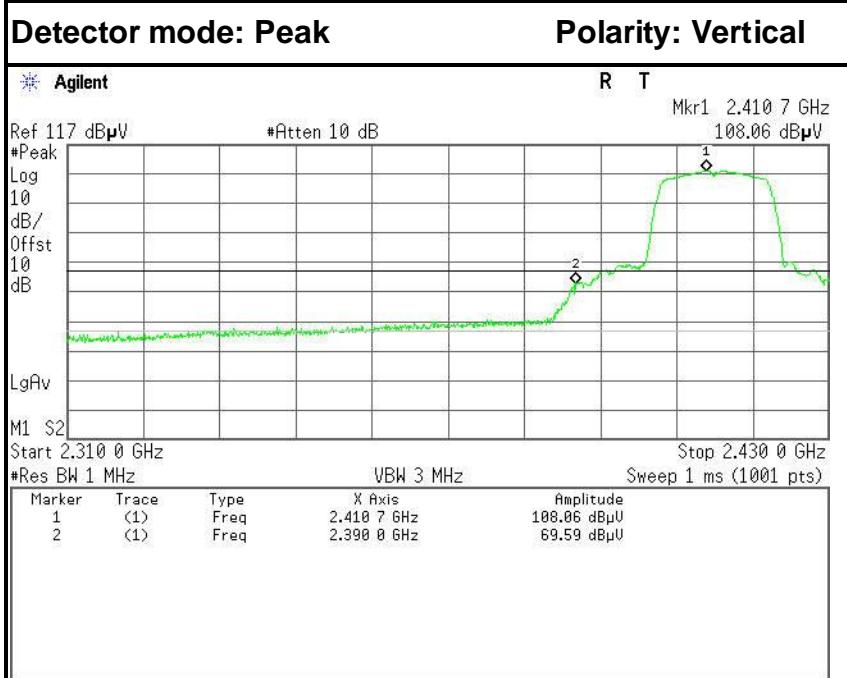


No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	51.52	-6.24	57.76	74.00	-16.24	Peak	Horizontal
2	2483.5000	39.02	-6.24	45.26	54.00	-8.74	Average	Horizontal

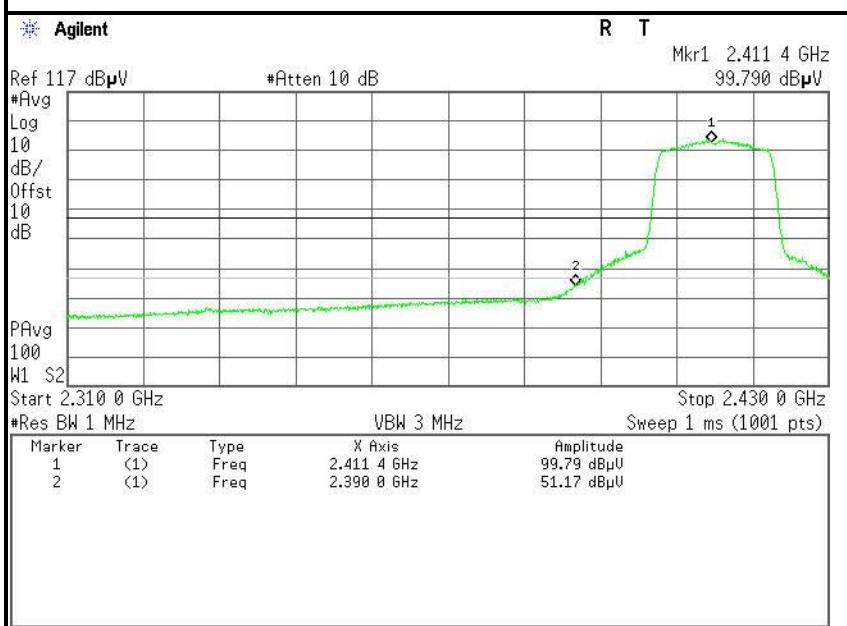


IEEE 802.11n HT20 MHz mode

Band Edges (CH Low)



Detector mode: Average Polarity: Vertical

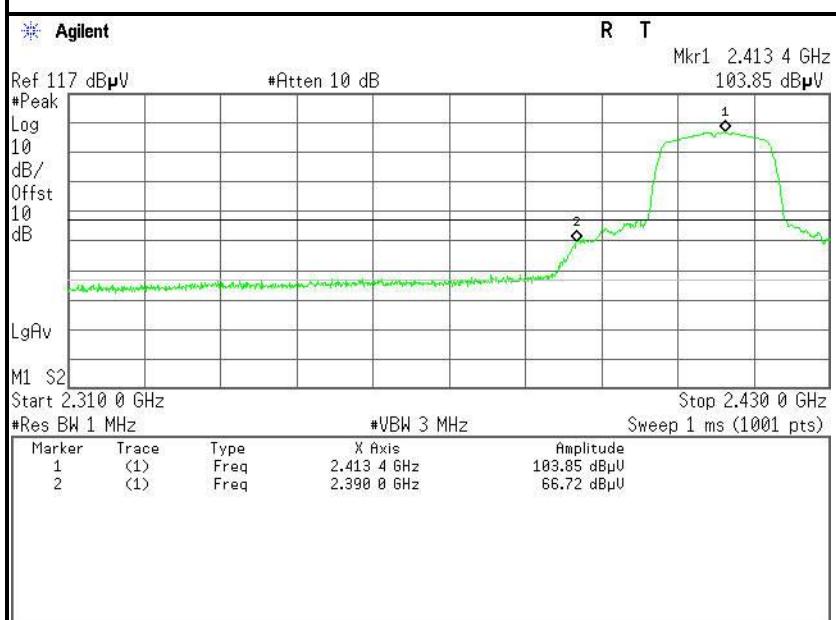


No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	62.99	-6.60	69.59	74.00	-4.41	Peak	Vertical
2	2390.0000	44.57	-6.60	51.17	54.00	-2.83	Average	Vertical



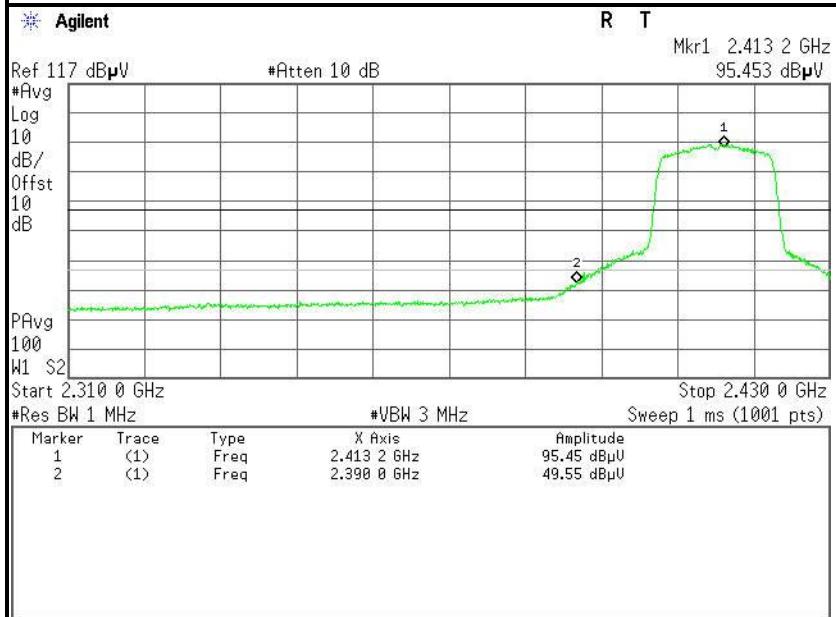
Detector mode: Peak

Polarity: Horizontal

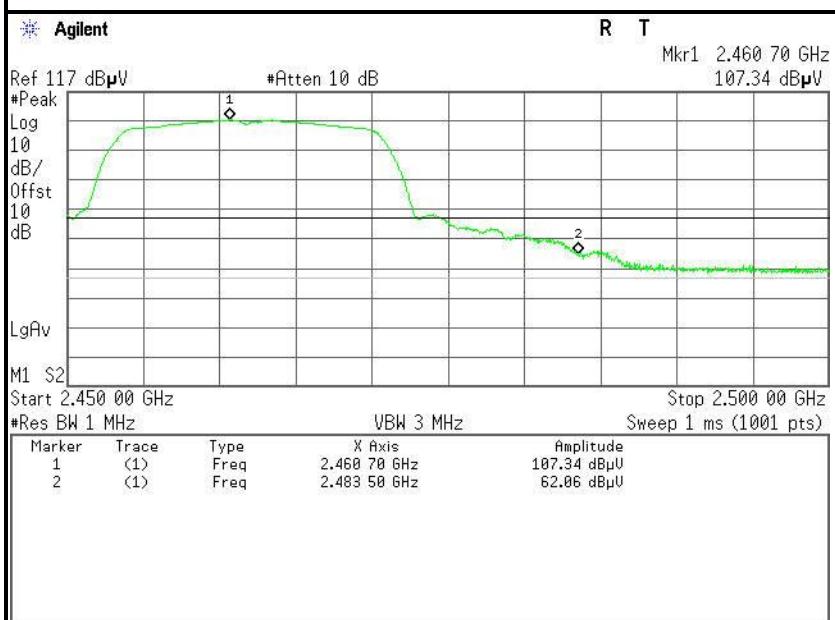
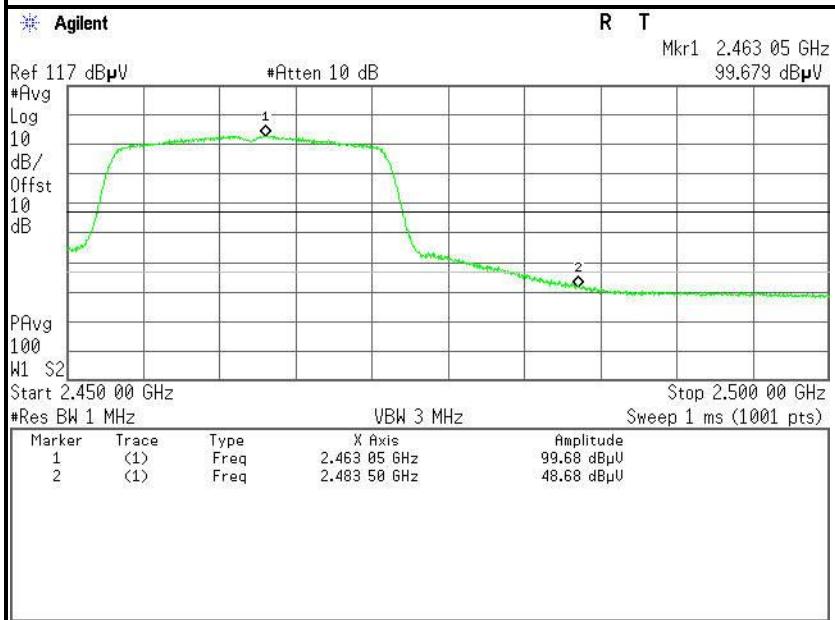


Detector mode: Average

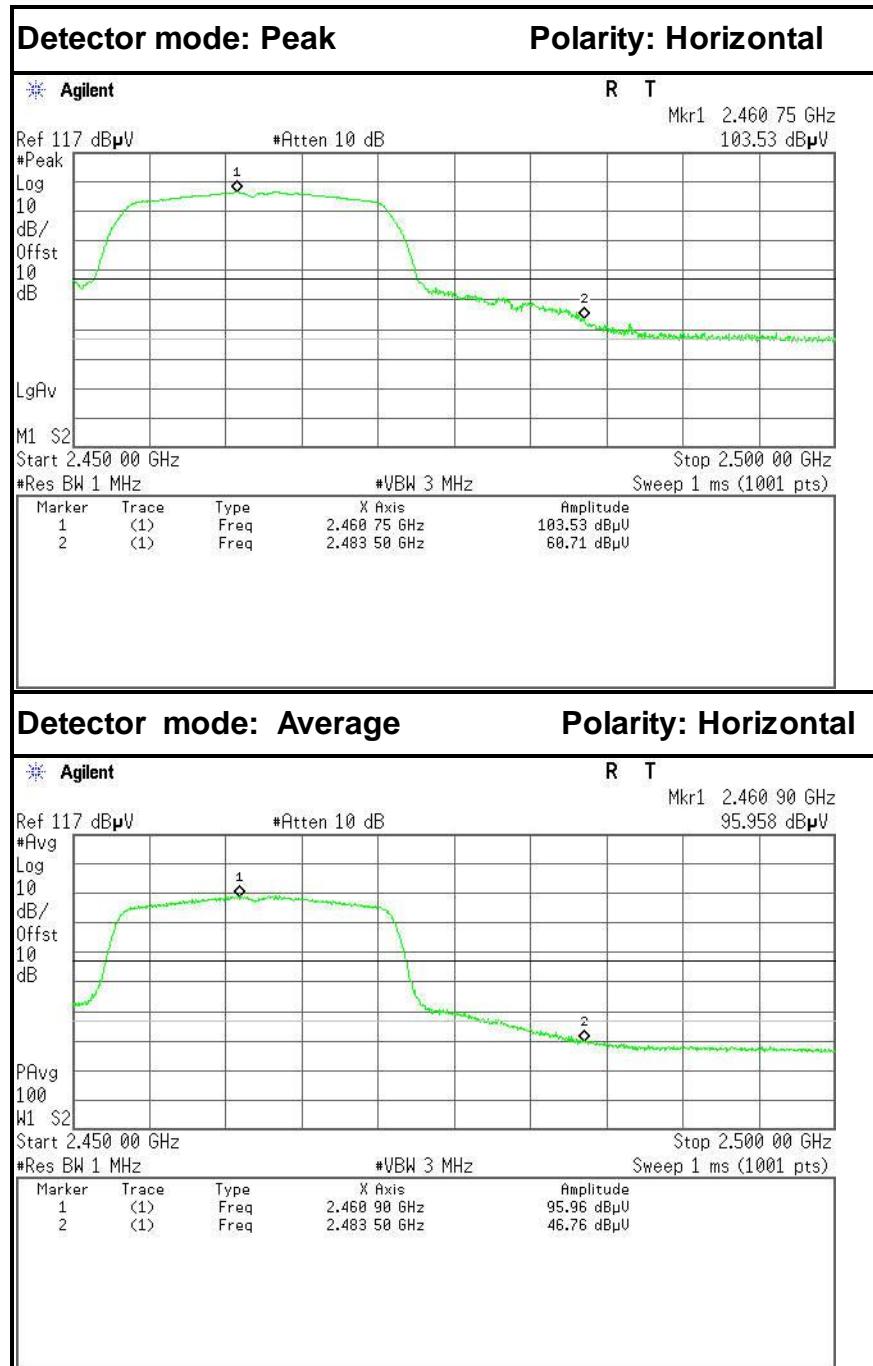
Polarity: Horizontal



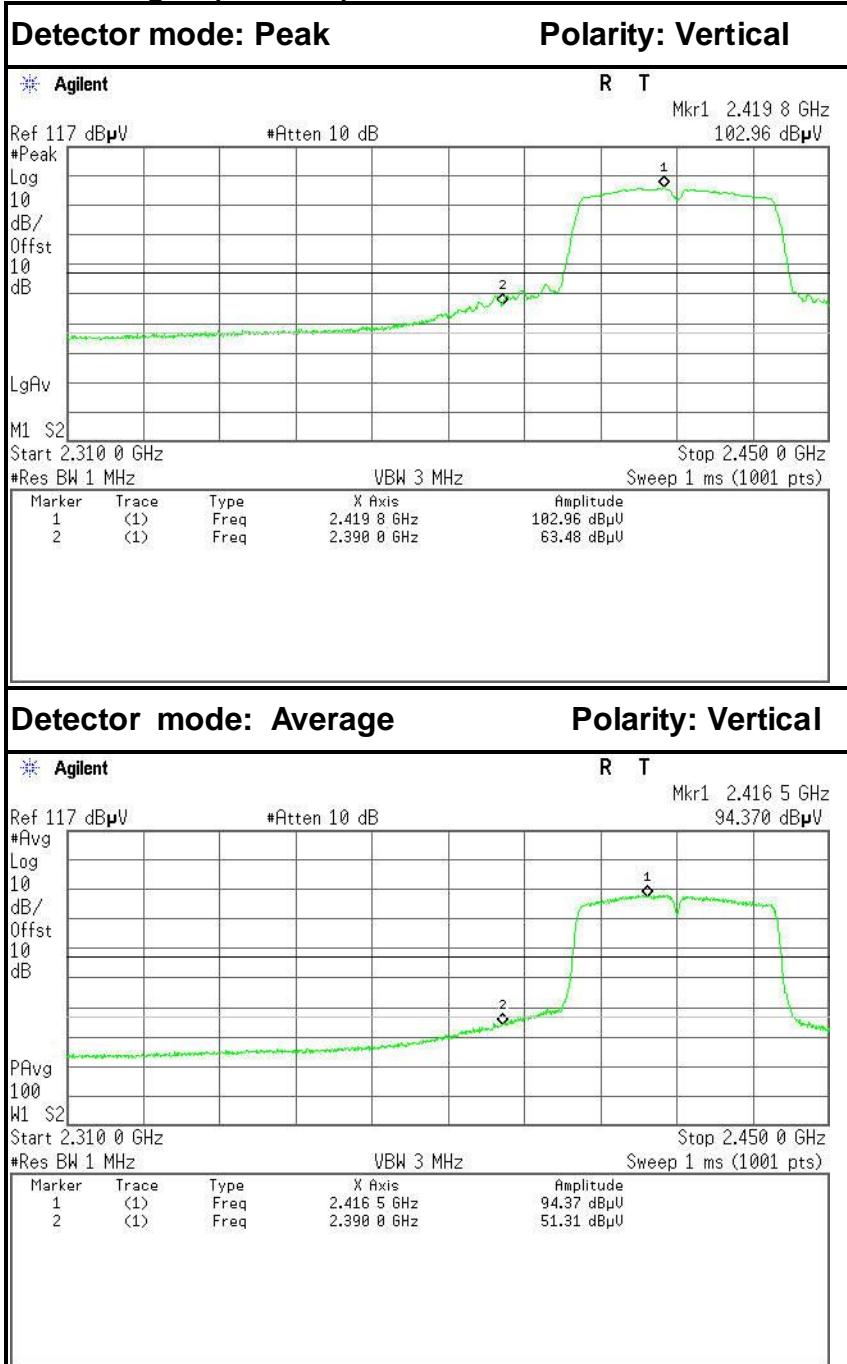
No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	60.12	-6.60	66.72	74.00	-7.28	Peak	Horizontal
2	2390.0000	42.95	-6.60	49.55	54.00	-4.45	Average	Horizontal

**Band Edges (CH High)****Detector mode: Peak****Polarity: Vertical****Detector mode: Average****Polarity: Vertical**

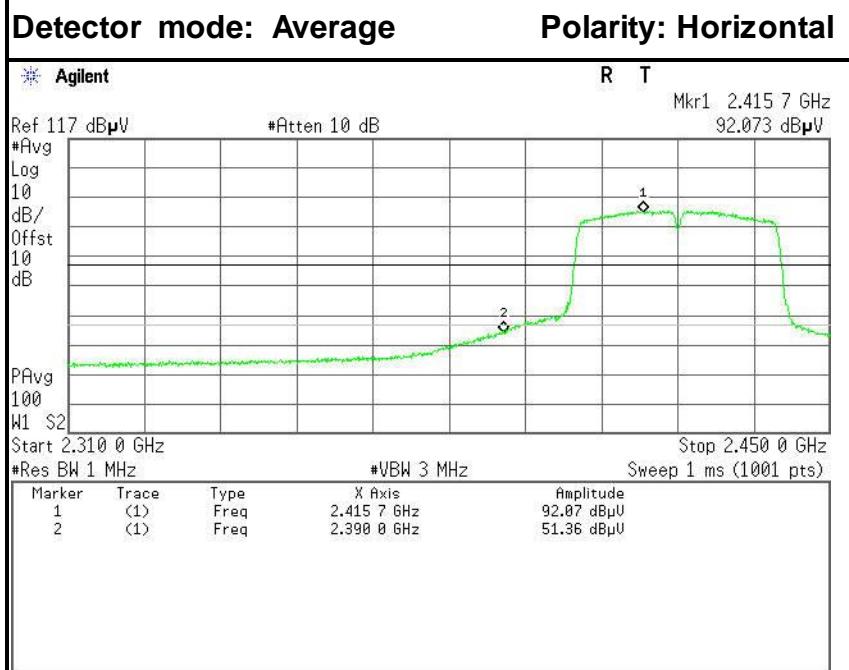
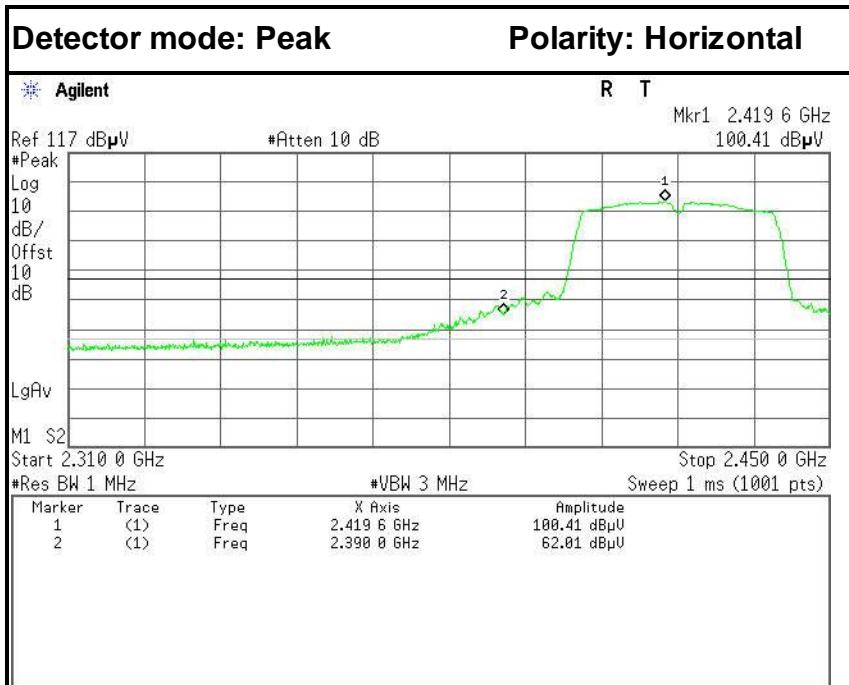
No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	55.82	-6.24	62.06	74.00	-11.94	Peak	Vertical
2	2483.5000	42.44	-6.24	48.68	54.00	-5.32	Average	Vertical



No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	54.47	-6.24	60.71	74.00	-13.29	Peak	Horizontal
2	2483.5000	40.52	-6.24	46.76	54.00	-7.24	Average	Horizontal

**IEEE 802.11n HT40 MHz mode****Band Edges (CH Low)**

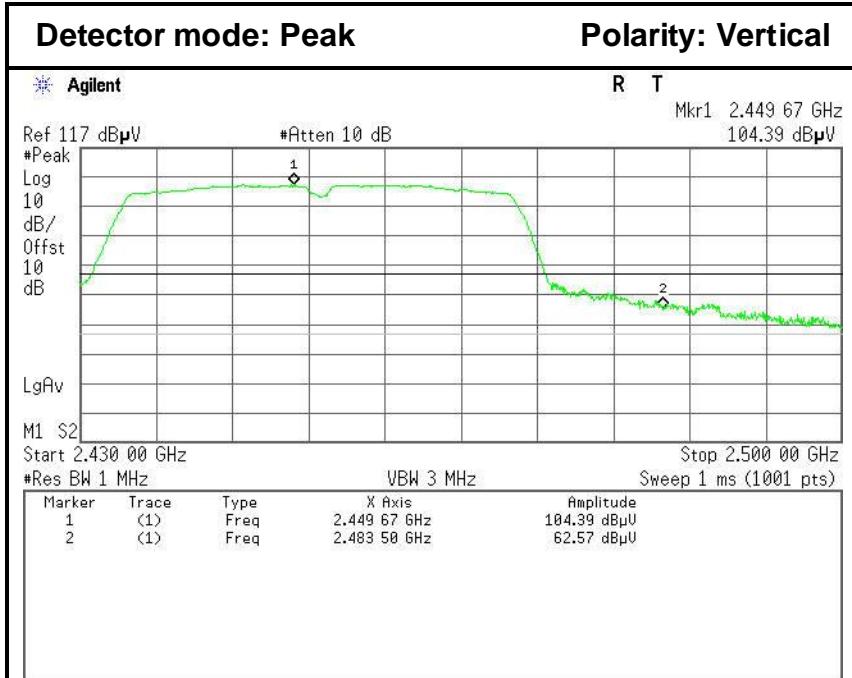
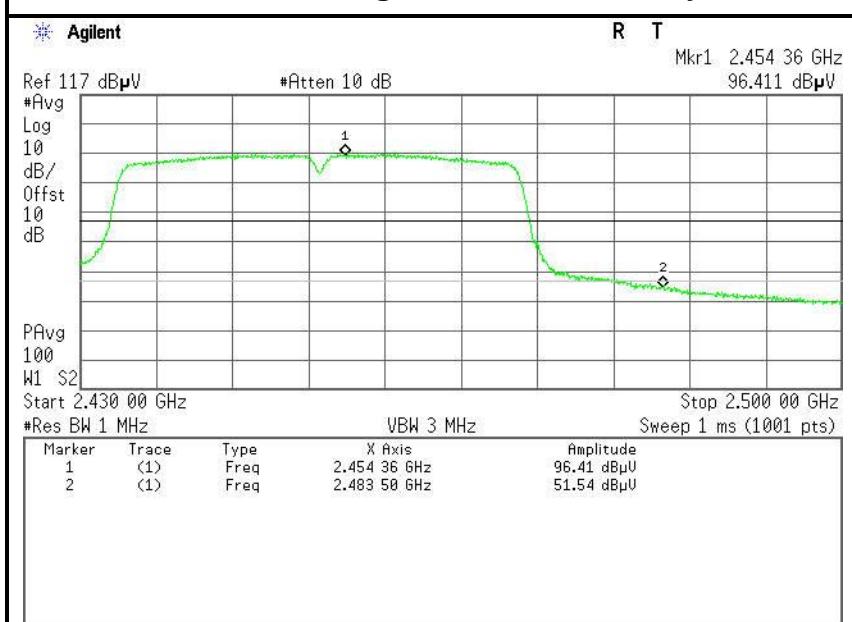
No.	Frequency (MHz)	Reading (dBuV)	Corrected (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	56.88	-6.60	63.48	74.00	-10.52	Peak	Vertical
2	2390.0000	44.71	-6.60	51.31	54.00	-2.69	Average	Vertical



No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2390.0000	55.41	-6.60	62.01	74.00	-11.99	Peak	Horizontal
2	2390.0000	44.76	-6.60	51.36	54.00	-2.64	Average	Horizontal



Band Edges (CH High)

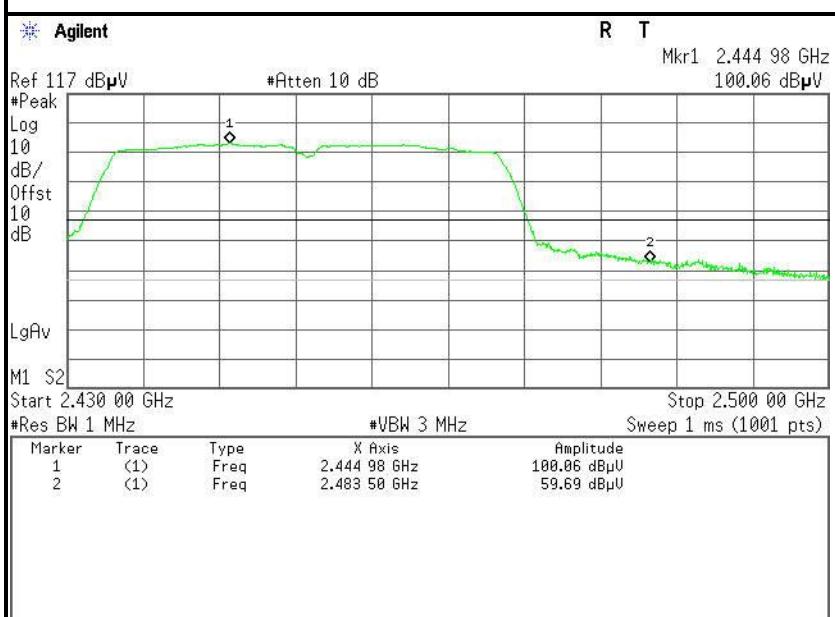
Detector mode: Average **Polarity: Vertical**

No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	56.33	-6.24	62.57	74.00	-11.43	Peak	Vertical
2	2483.5000	45.30	-6.24	51.54	54.00	-2.46	Average	Vertical



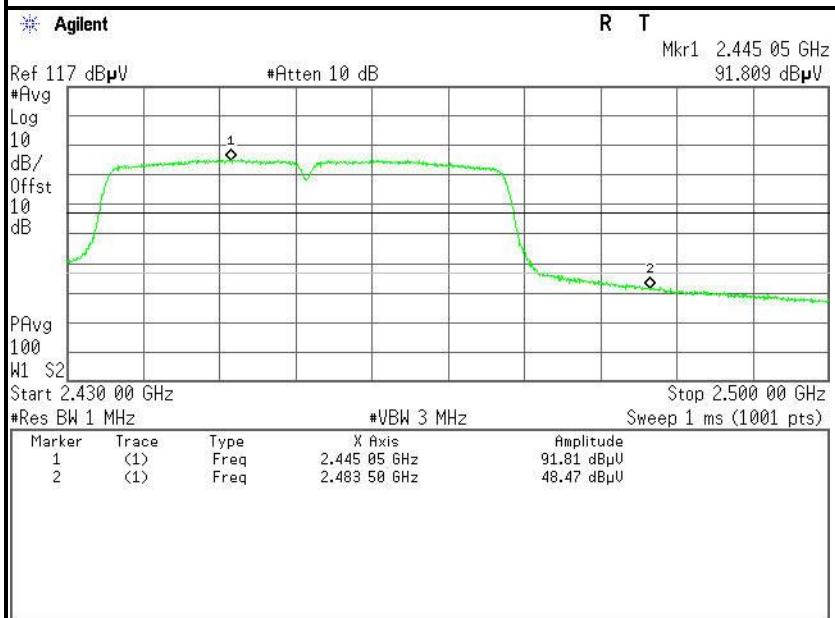
Detector mode: Peak

Polarity: Horizontal



Detector mode: Average

Polarity: Horizontal



No.	Frequency (MHz)	Reading (dB μ V)	Corrected (dB)	Result (dB μ V)	Limit (dB μ V)	Margin (dB)	Detector	Antenna Pole
1	2483.5000	53.45	-6.24	59.69	74.00	-14.31	Peak	Horizontal
2	2483.5000	42.23	-6.24	48.47	54.00	-5.53	Average	Horizontal



7.7. PEAK POWER SPECTRAL DENSITY MEASUREMENT

7.7.1. LIMITS

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

According to §15.247(f), the digital modulation operation of the hybrid system, with the frequency hopping turned off, shall comply with the power density requirements of paragraph (d) of this section.

7.7.2. TEST INSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number	Last Calibration	Calibration Due
Spectrum Analyzer	E4446A	US44300399	02/28/2015	02/27/2016	10/24/2015

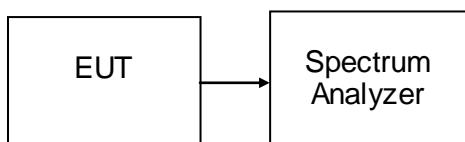
7.7.3. TEST PROCEDURES (please refer to measurement standard)

§15.247(e) specifies a conducted power spectral density (PSD) limit of 8 dBm in any 3 kHz band segment within the fundamental EBW during any time interval of continuous transmission. The same method as used to determine the conducted output power shall be used to determine the power spectral density (i.e., if peak-detected fundamental power was measured then use the peak PSD procedure and if average fundamental power was measured then use the average PSD procedure).

10.2 Method PKPSD (peak PSD)

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS bandwidth.
3. Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
4. Set the VBW $\geq 3 \times \text{RBW}$.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level within the RBW.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

7.7.4. TEST SETUP





7.7.5. TEST RESULTS

No non-compliance noted

Test Data

Test mode: IEEE 802.11b

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Test Result
Low	2412	-11.48	8	PASS
Mid	2437	-11.10		PASS
High	2462	-10.95		PASS

Test mode: IEEE 802.11g

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Test Result
Low	2412	-12.05	8	PASS
Mid	2437	-11.59		PASS
High	2462	-11.85		PASS

Test mode: IEEE 802.11n HT20 MHz

Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Test Result
Low	2412	-12.93	8	PASS
Mid	2437	-13.51		PASS
High	2462	-13.16		PASS

Test mode: IEEE 802.11n HT40 MHz

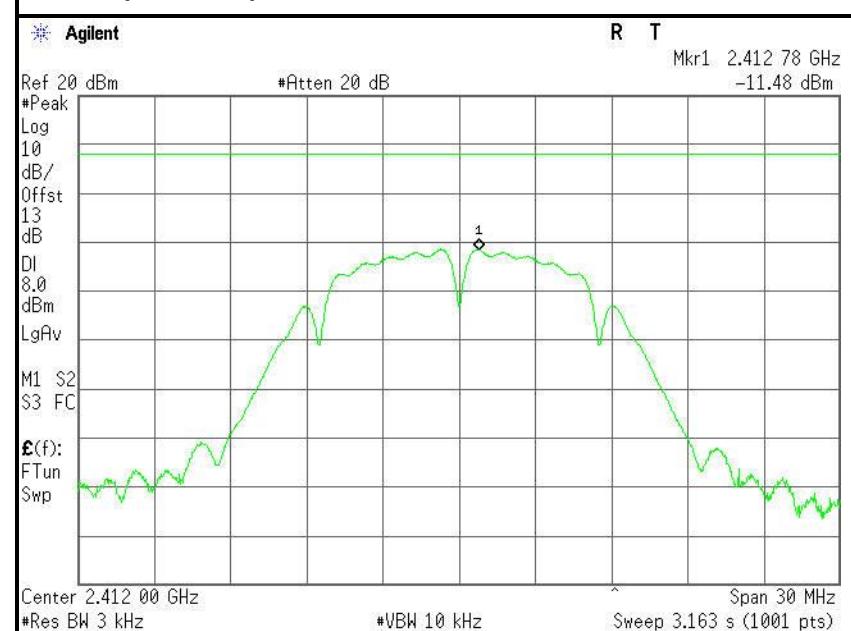
Channel	Frequency (MHz)	PPSD (dBm)	Limit (dBm)	Test Result
Low	2422	-16.78	8	PASS
Mid	2437	-16.35		PASS
High	2452	-16.50		PASS



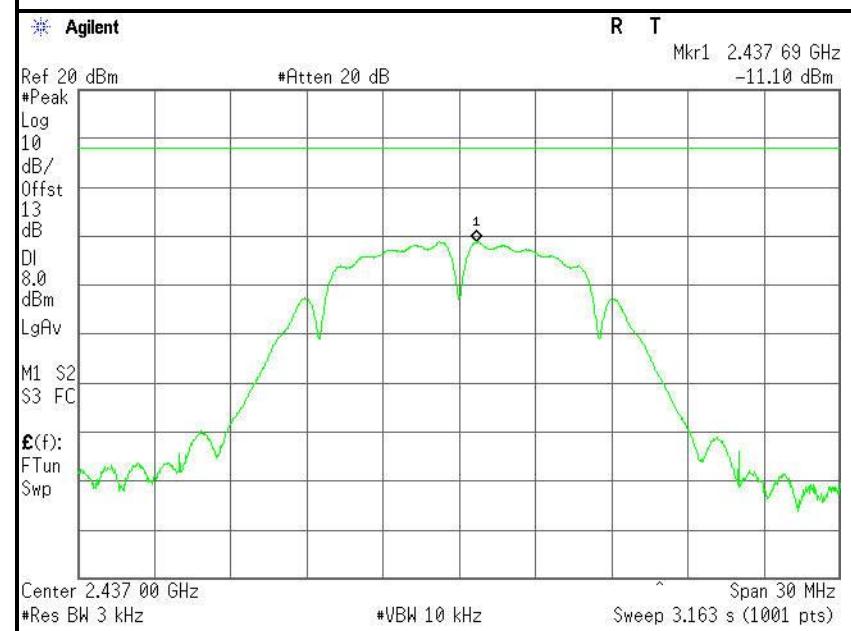
Test Plot

IEEE 802.11b mode

PPSD (CH Low)

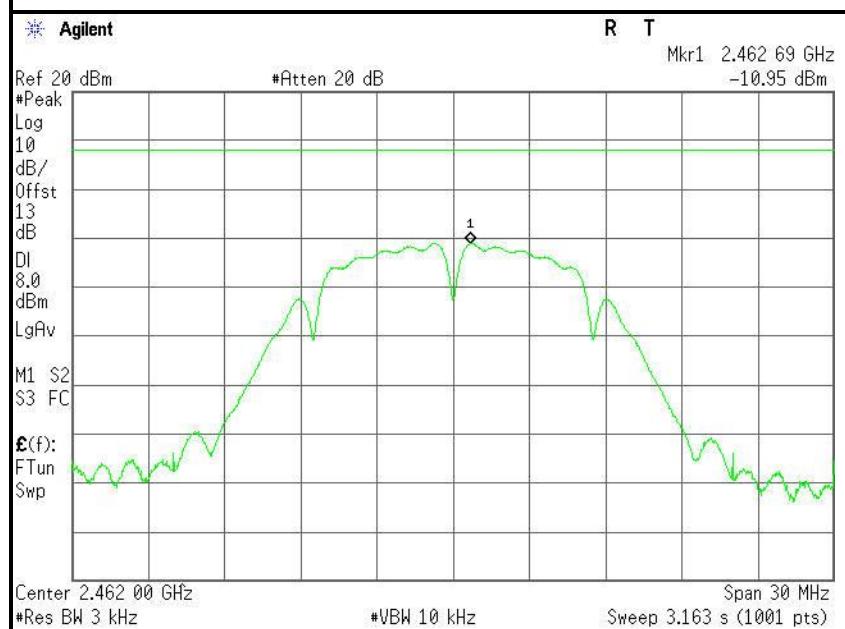


PPSD (CH Mid)





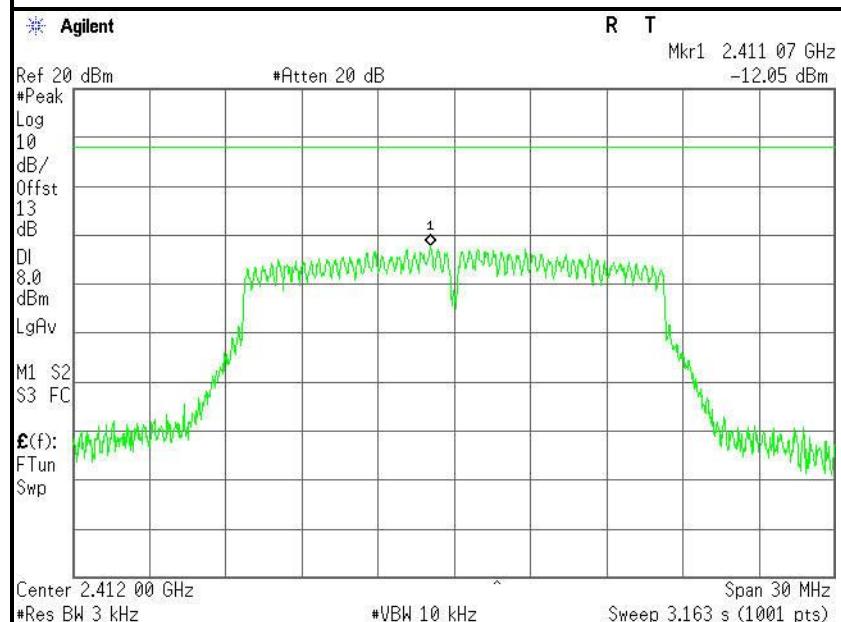
PPSD (CH High)



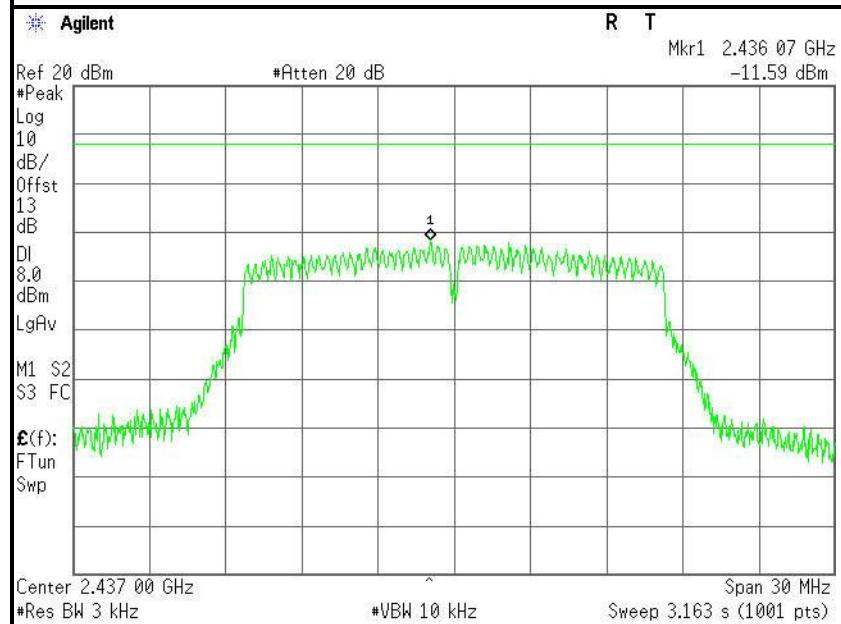


IEEE 802.11g mode

PPSD (CH Low)

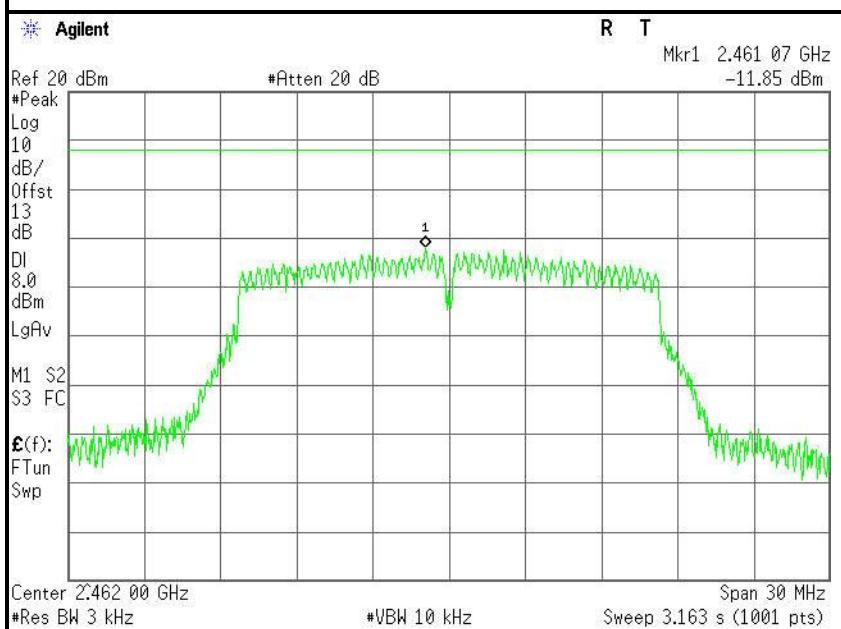


PPSD (CH Mid)





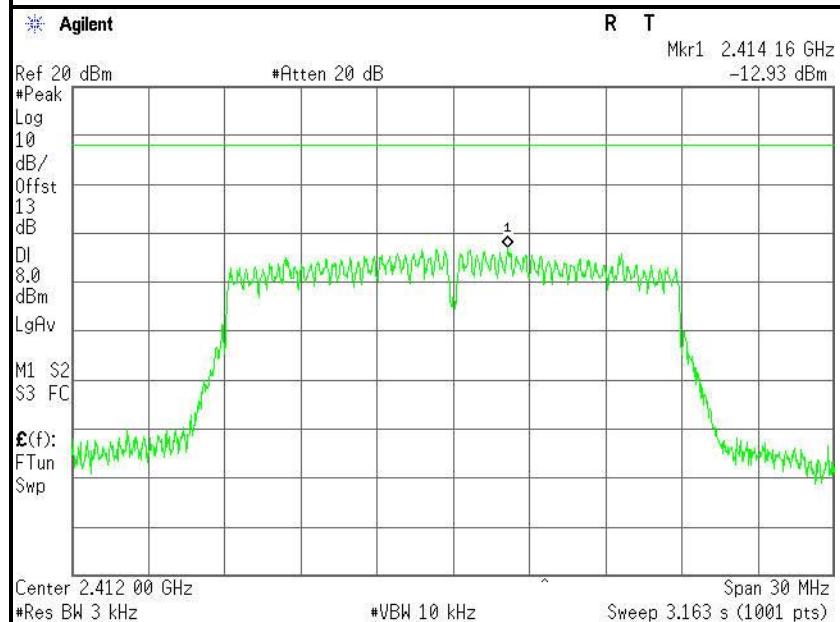
PPSD (CH High)



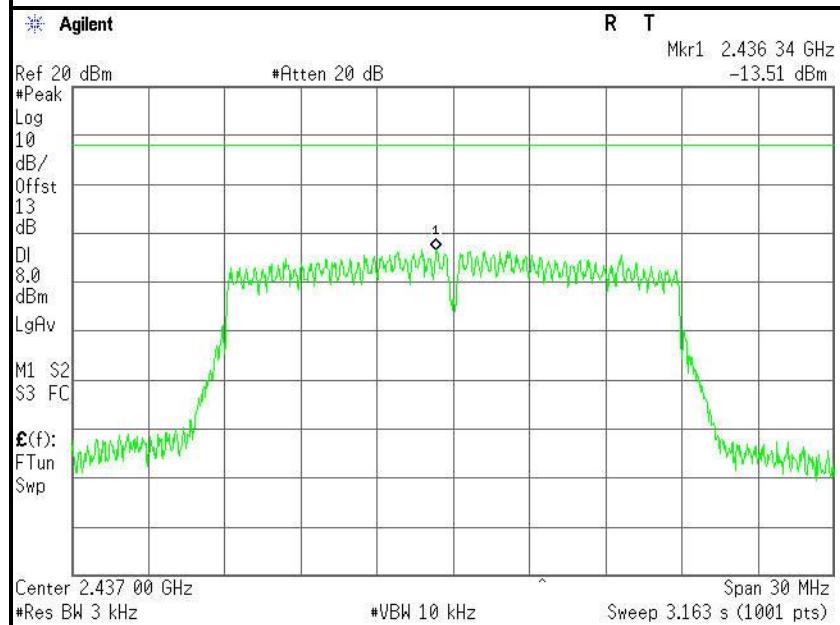


IEEE 802.11n HT20 MHz mode

PPSD (CH Low)

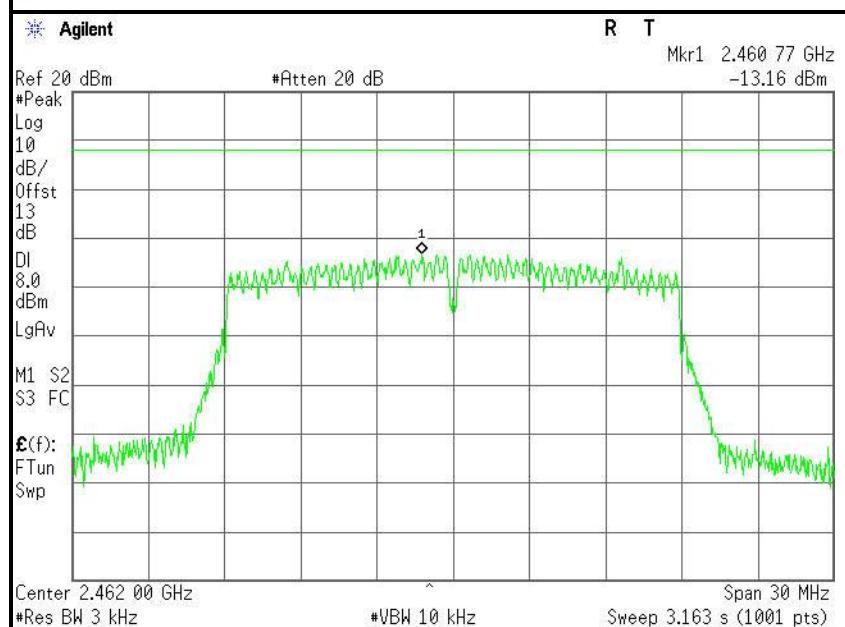


PPSD (CH Mid)





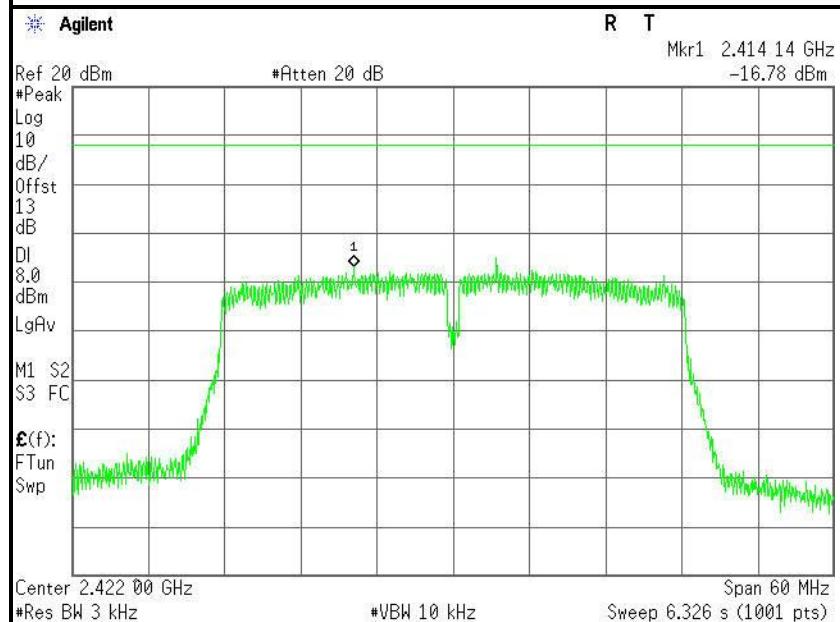
PPSD (CH High)



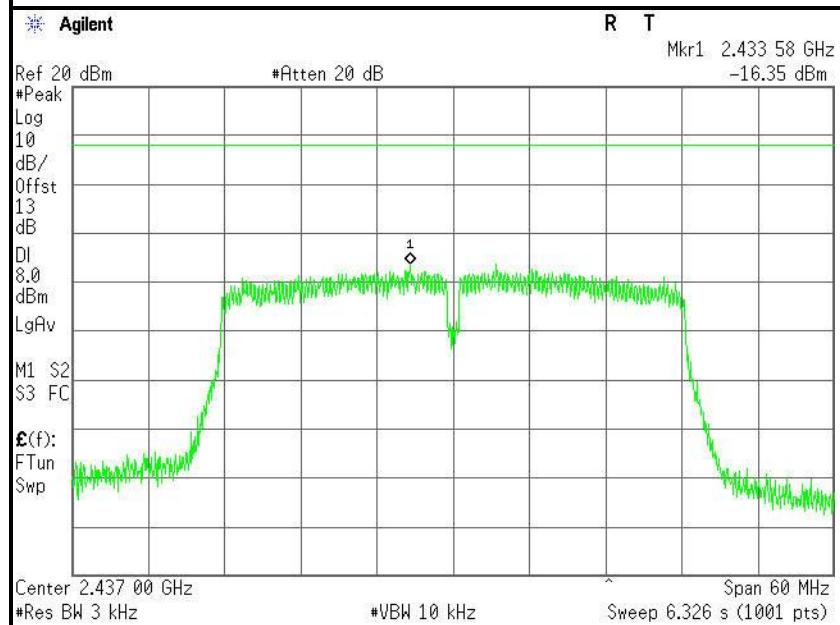


IEEE 802.11n HT40 MHz mode

PPSD (CH Low)



PPSD (CH Mid)





PPSD (CH High)

