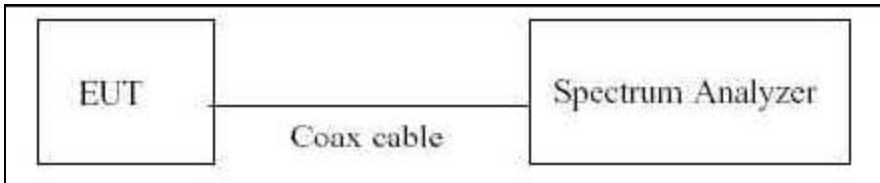


8.5 PEAK EXCURSION RATIO

The spectrum analyzer was connected to the antenna terminal while the EUT was operating in the continuous transmission mode at the appropriate center frequencies. The largest permissible difference between the modulation envelope(measured using a peak hold function) and the maximum conducted output power 13 dB/MHz.

■ TEST CONFIGURATION



■ TEST PROCEDURE

We tested according to KDB 789033(issued 04/08/2013).

The spectrum analyzer is set to :

1. Span = Set the span to view the entire emission bandwidth.
2. RBW = 1 MHz
3. VBW $\geq$ 3 MHz
4. Detector Mode = Peak
5. Trace Mode = Max hold
6. Allow the sweeps to continue until the trace stabilizes.
7. Use the peak search function to find the peak of the spectrum.
8. Use the procedure to measure the PPSP
9. Compute the ratio of the maximum of the peak-max-hold spectrum to the PPSP.

Note :

1. The PSD results in plot is already including the actual values of loss for the attenuator and cable combination.
2. Spectrum offset = Attenuator loss + Cable loss
3. We apply to the offset in the UNII 2/2e band that was rounded off to the closest tenth dB. Actual value of loss for the attenuator and cable combination is below table. We used the particular cable type that is supported by manufacture.

Band	Loss(dB)
UNII 2	21.0
UNII 2e	21.0

(Actual value of loss for the attenuator and cable combination)

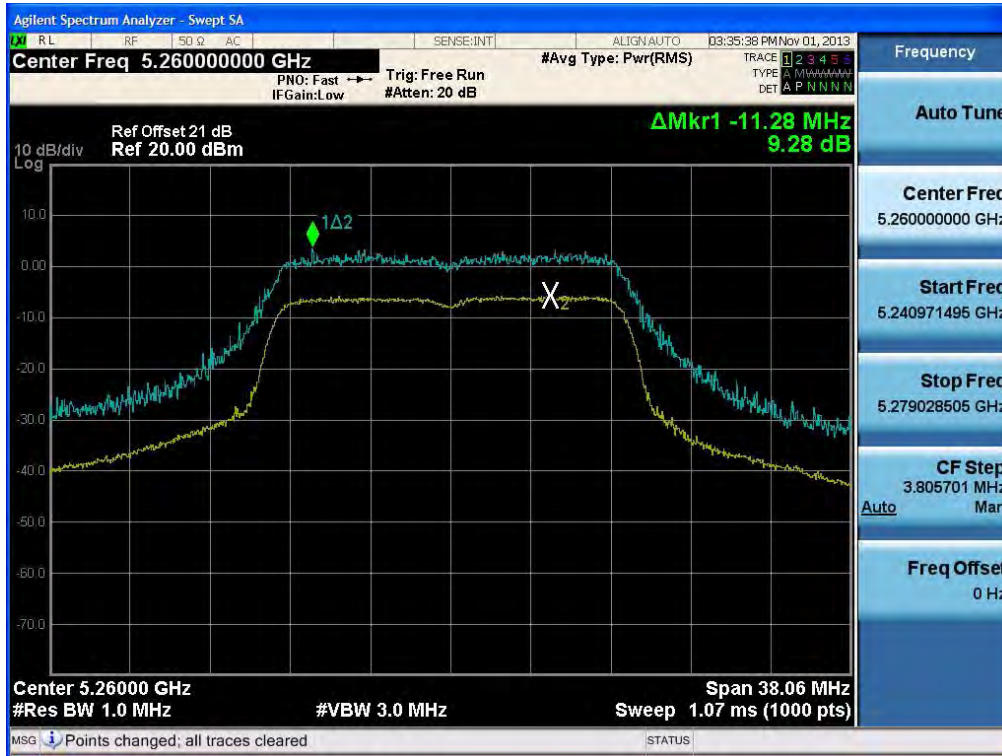
FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Monitoring Port Ant.1

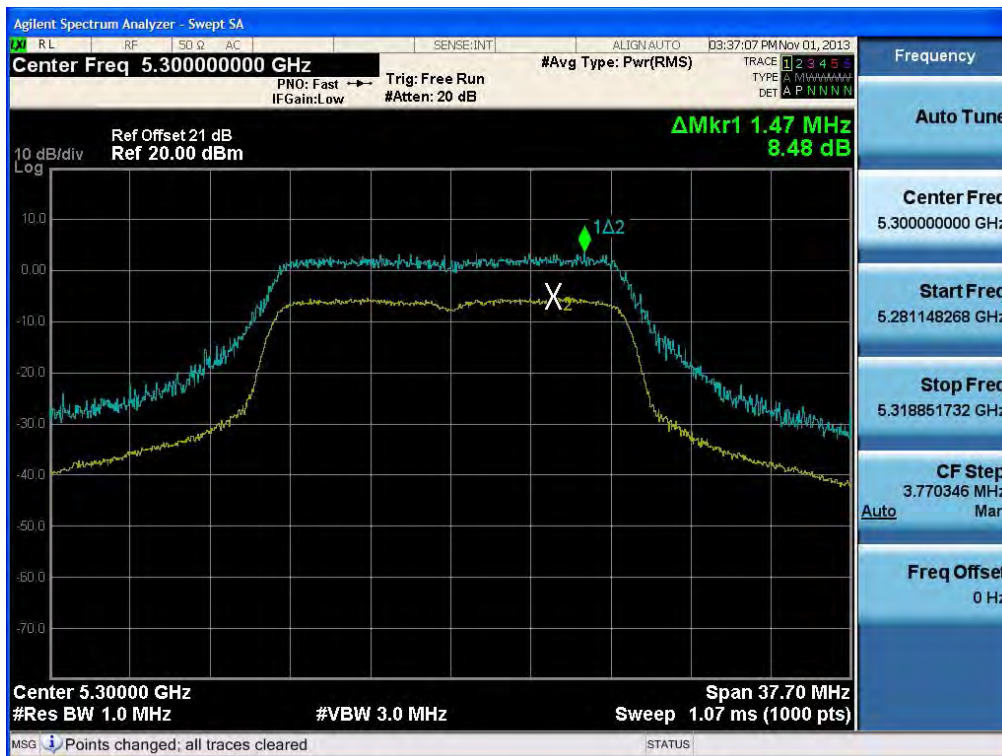
RESULT PLOTS

20 MHz BW

Peak Excursion Ratio (802.11a-CH 52)



Peak Excursion Ratio (802.11a-CH 60)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11a-CH 64)



Peak Excursion Ratio (802.11a-CH 100)



Peak Excursion Ratio (802.11a-CH 120)

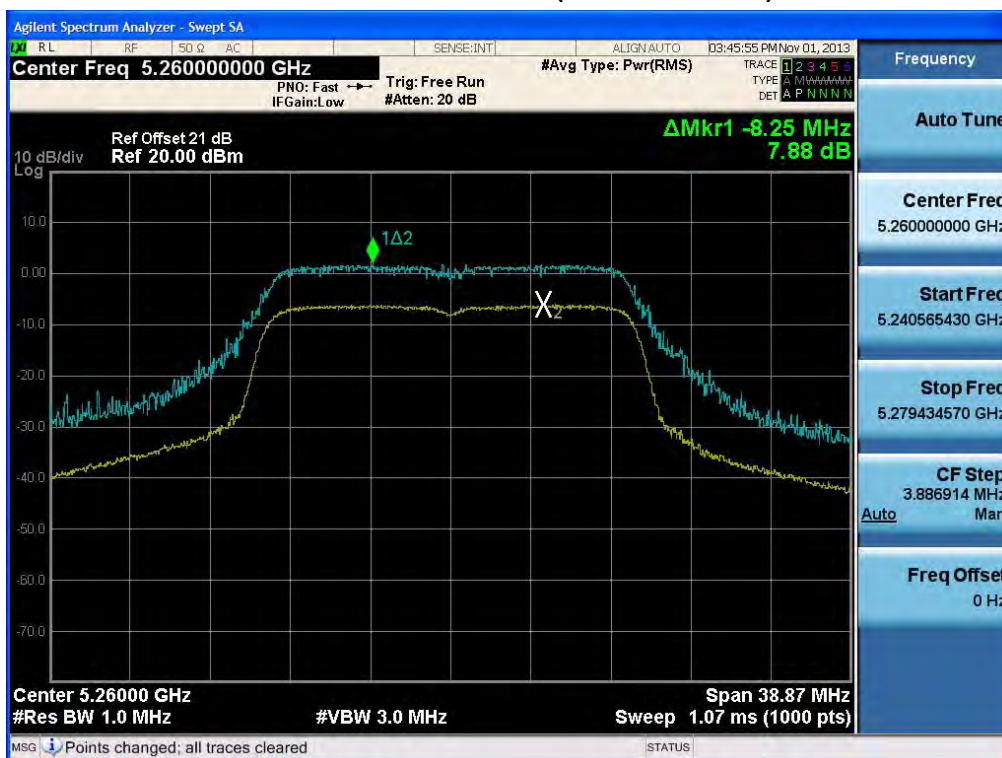


Peak Excursion Ratio (802.11a-CH 140)

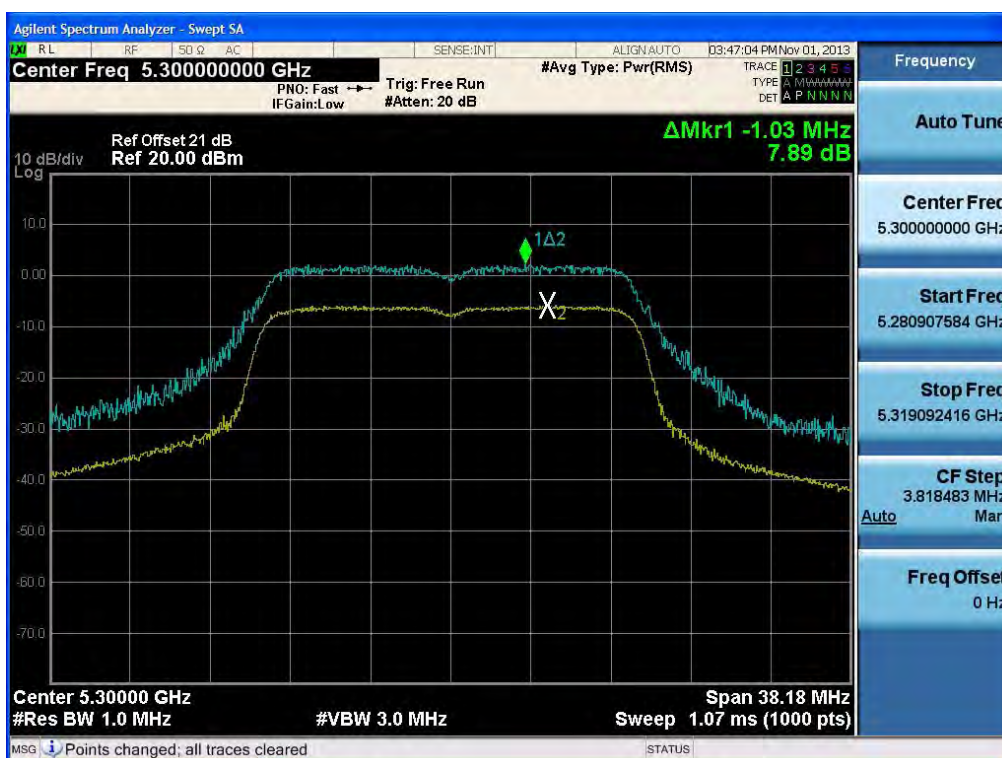


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 52)



Peak Excursion Ratio (802.11n-CH 60)

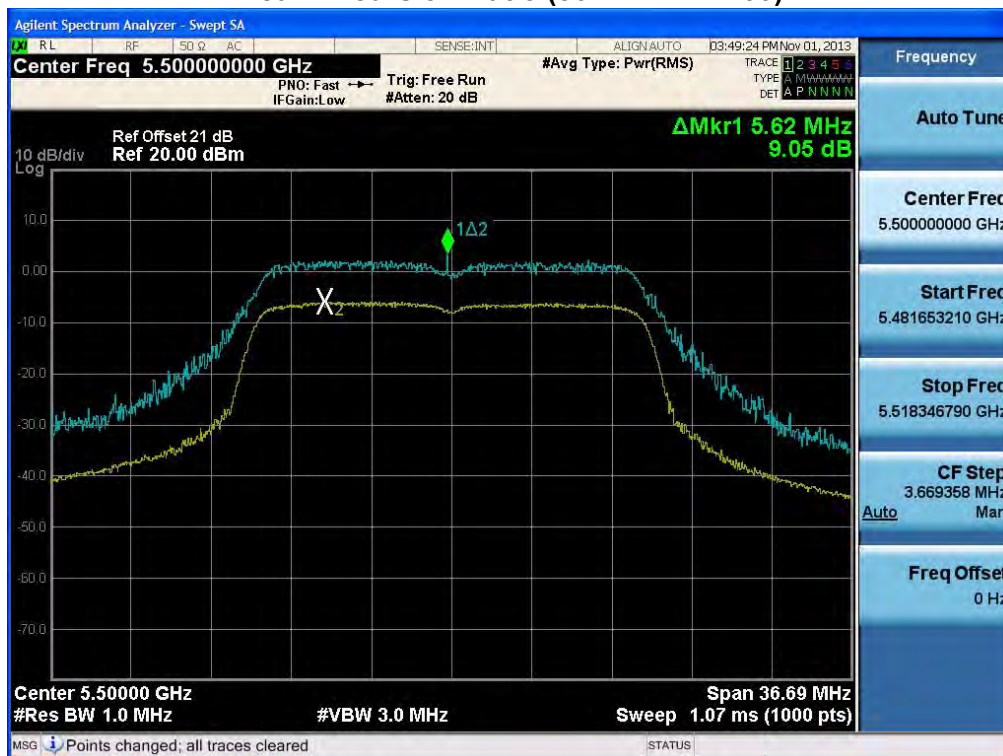


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 64)



Peak Excursion Ratio (802.11n-CH 100)

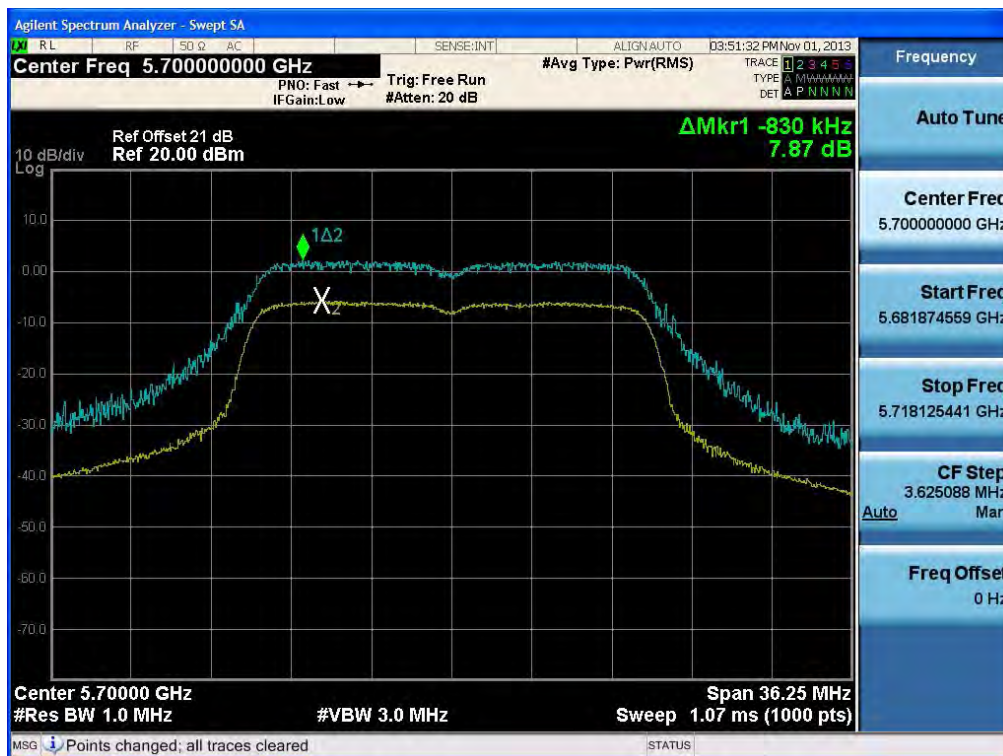


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 120)

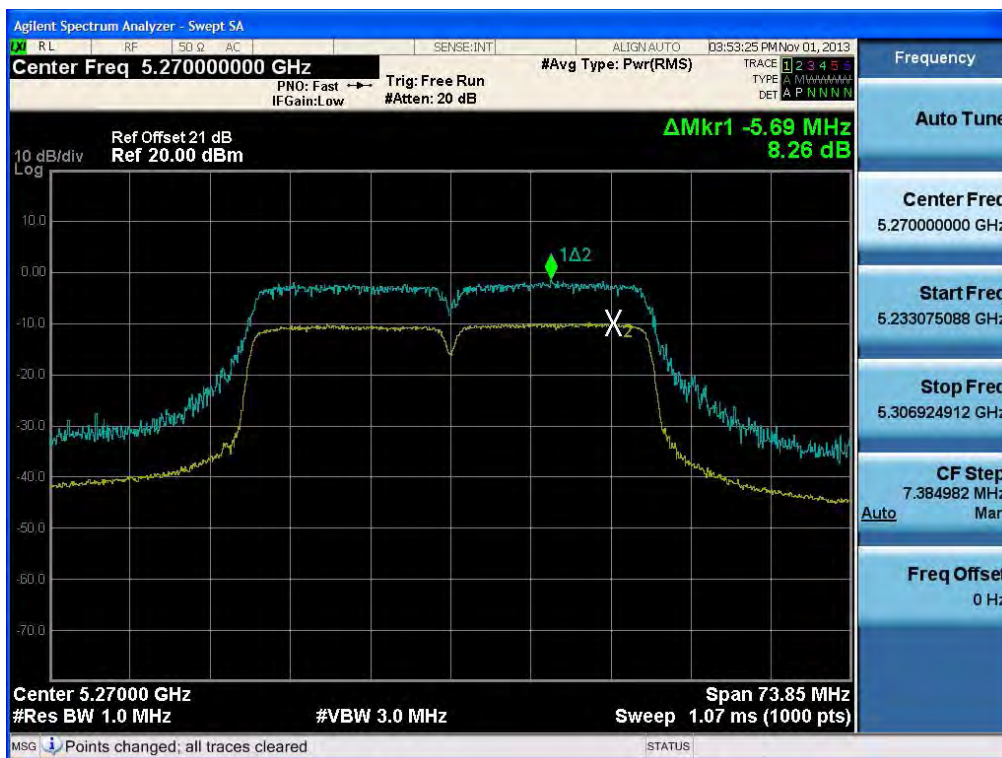


Peak Excursion Ratio (802.11n-CH 140)

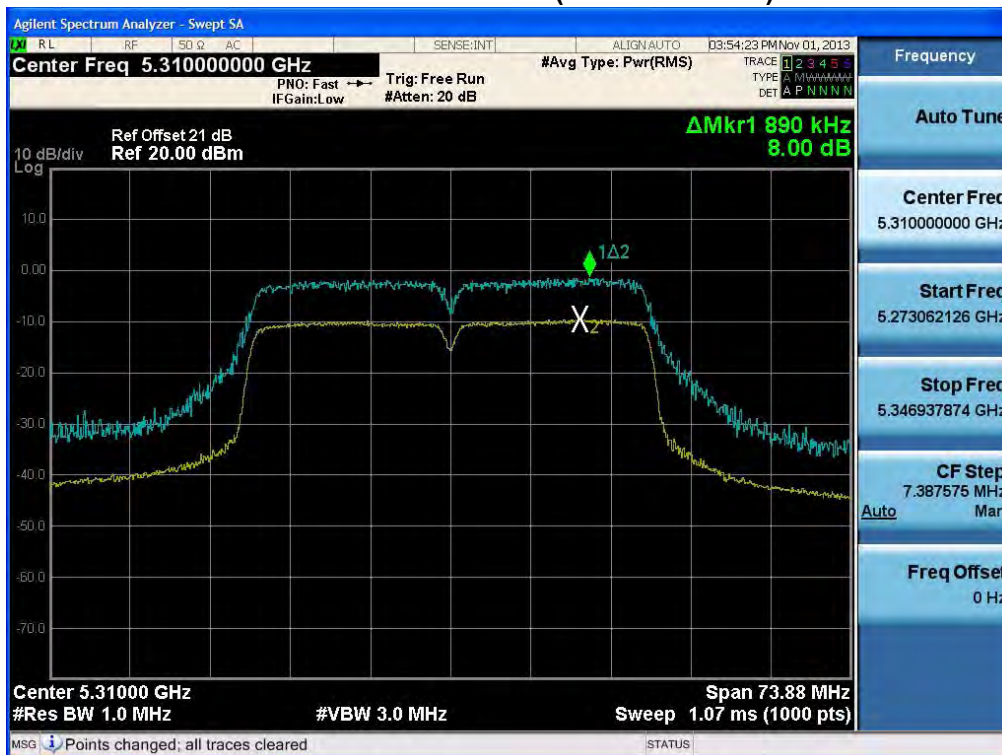


40MHz BW

Peak Excursion Ratio (802.11n-CH 54)

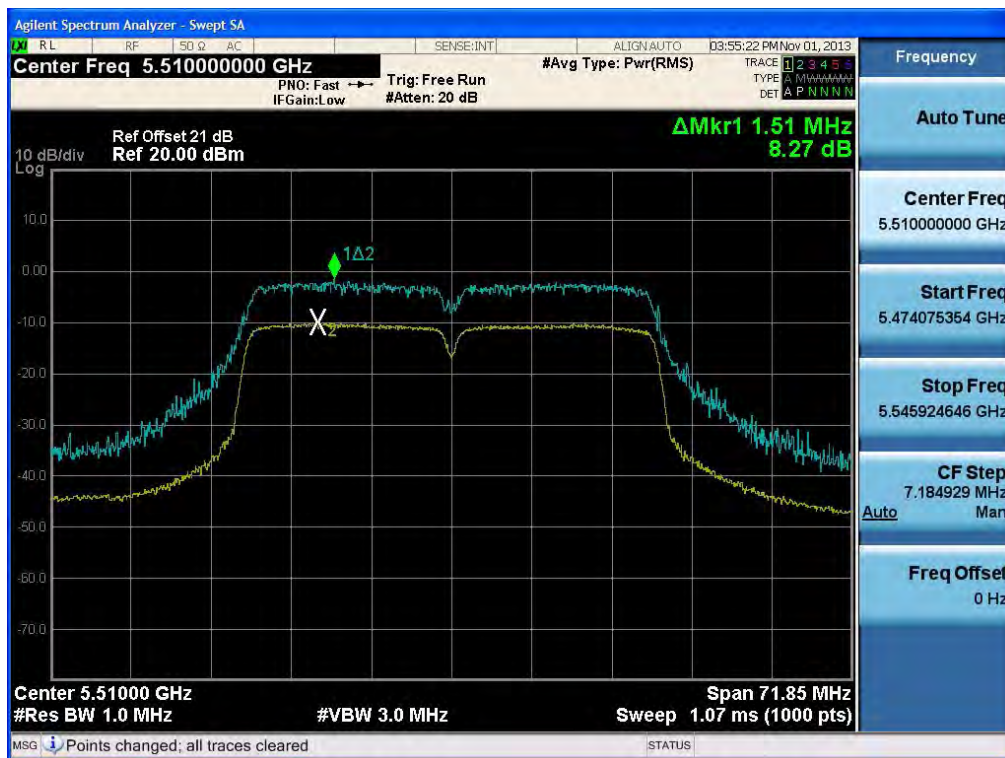


Peak Excursion Ratio (802.11n-CH 62)

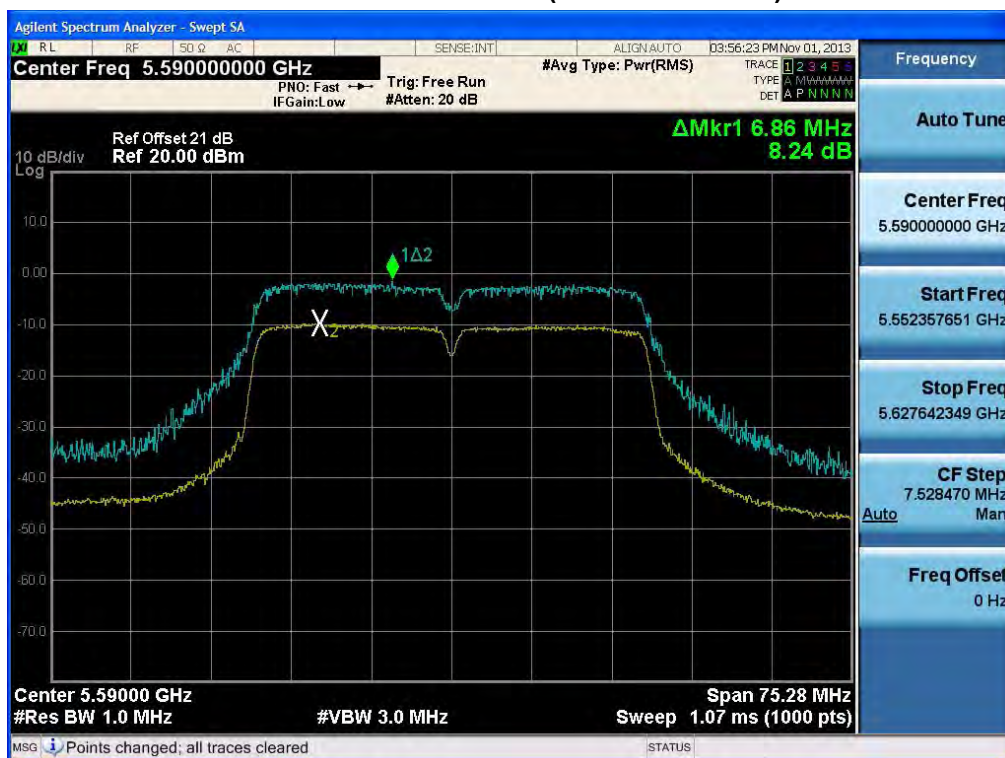


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

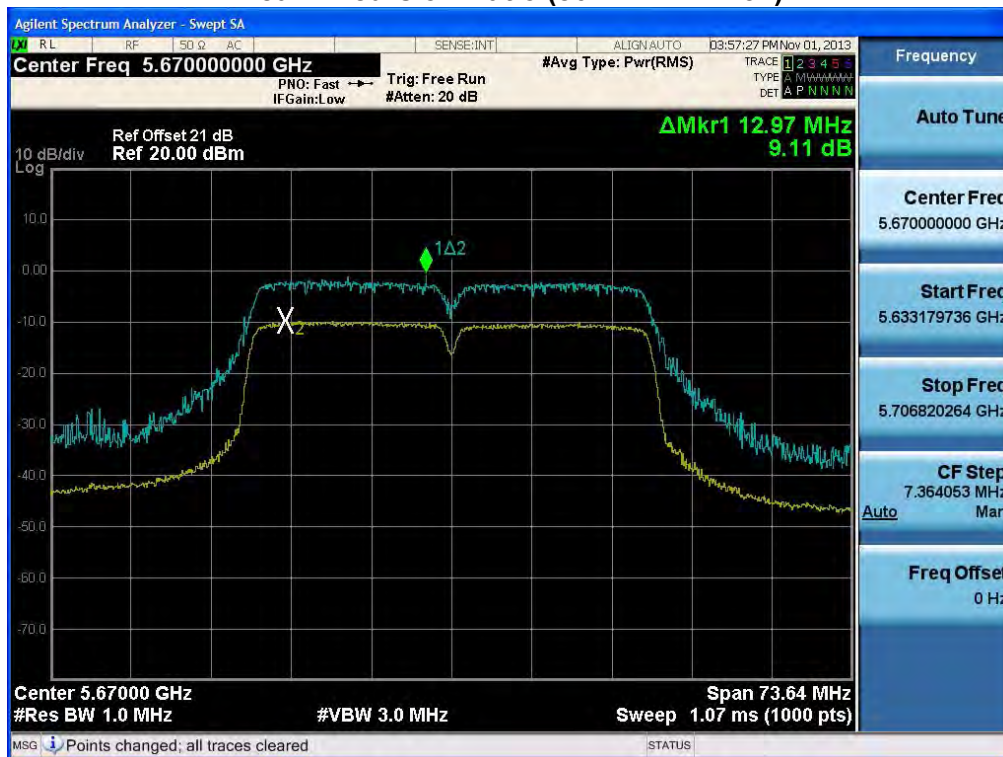
Peak Excursion Ratio (802.11n-CH 102)



Peak Excursion Ratio (802.11n-CH 118)



Peak Excursion Ratio (802.11n-CH 134)



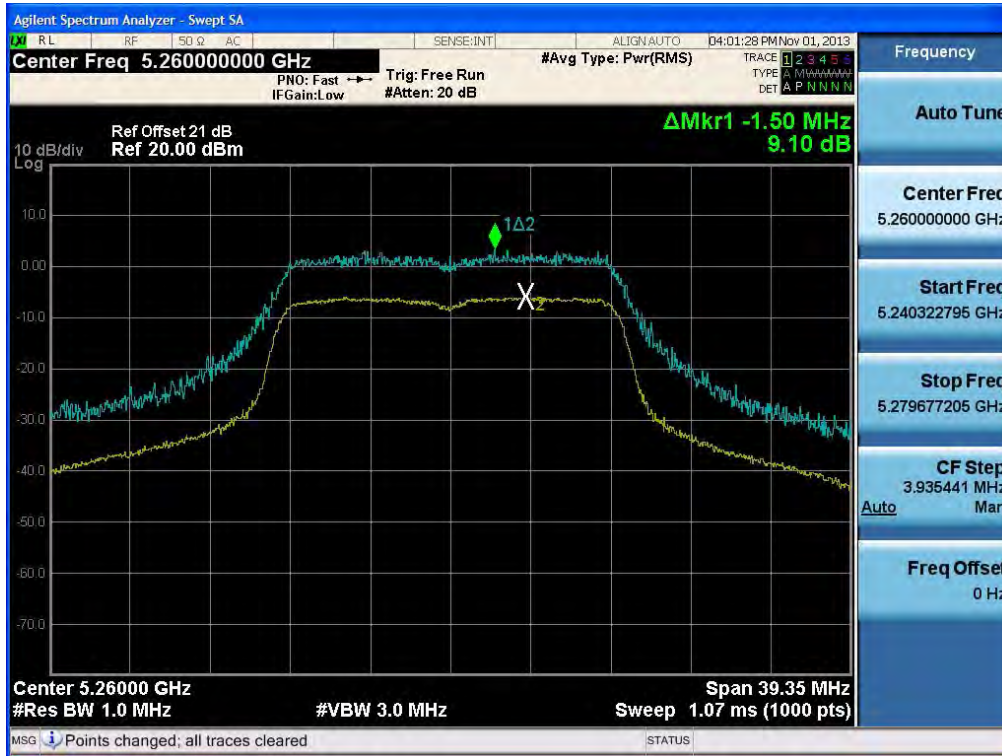
FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Monitoring Port Ant.2

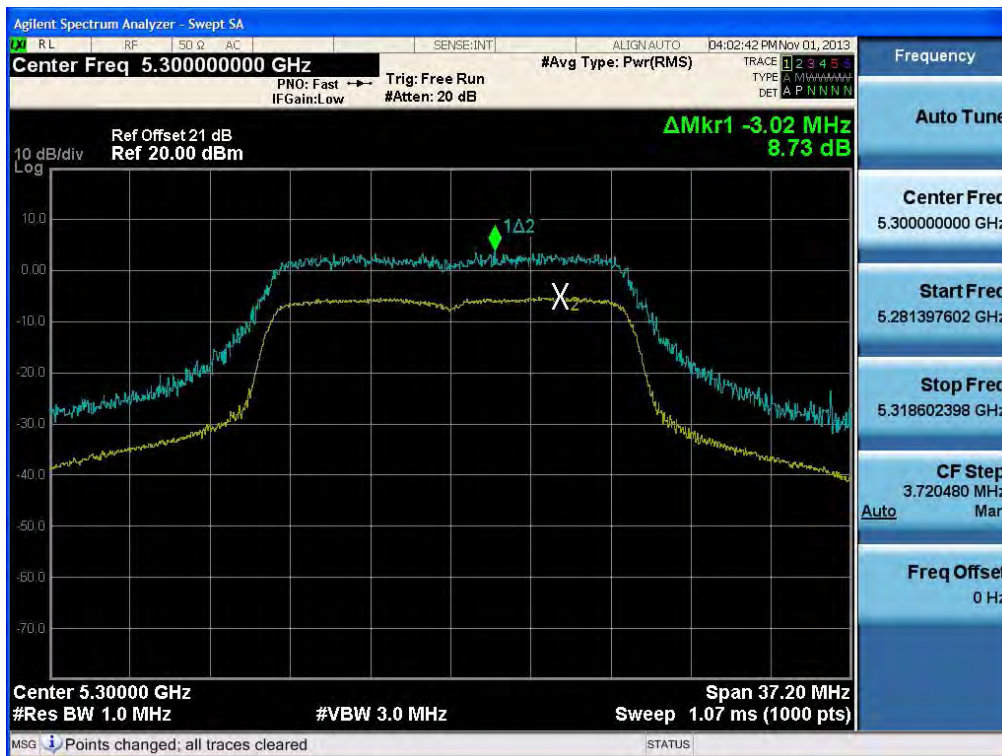
RESULT PLOTS

20 MHz BW

Peak Excursion Ratio (802.11a-CH 52)



Peak Excursion Ratio (802.11a-CH 60)

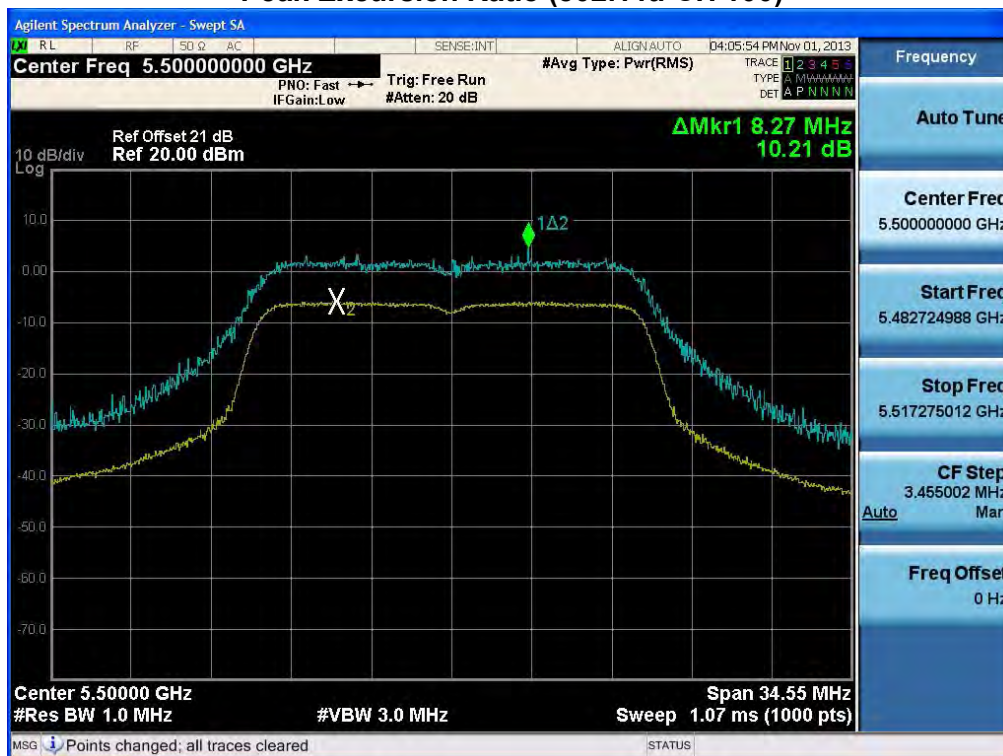


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

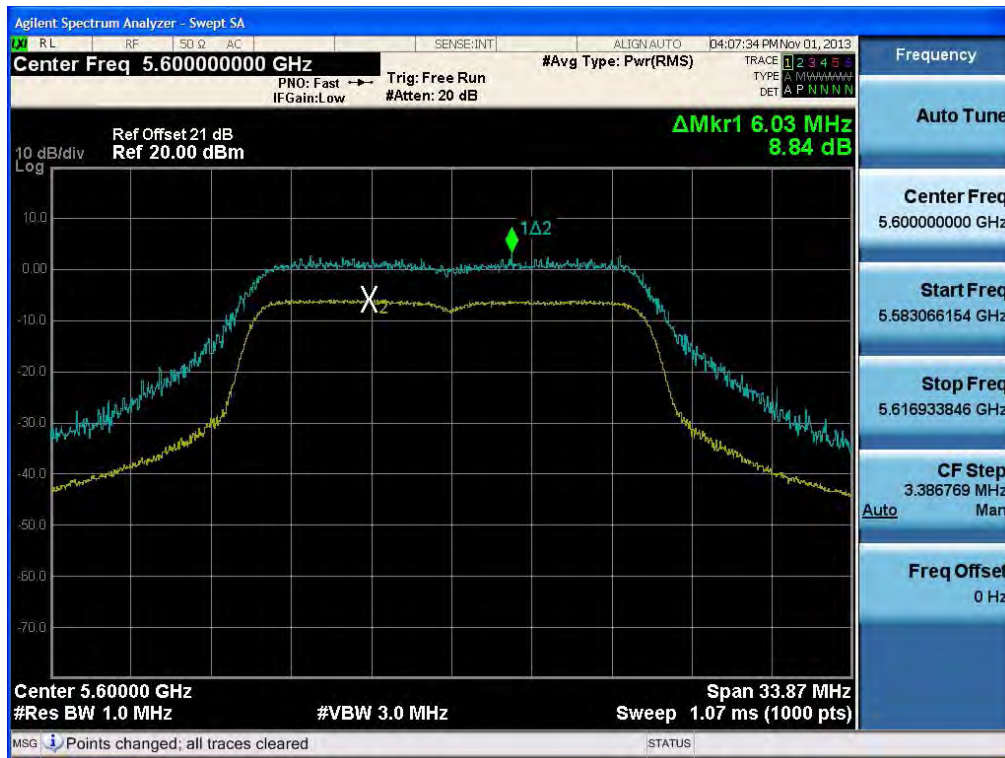
Peak Excursion Ratio (802.11a-CH 64)



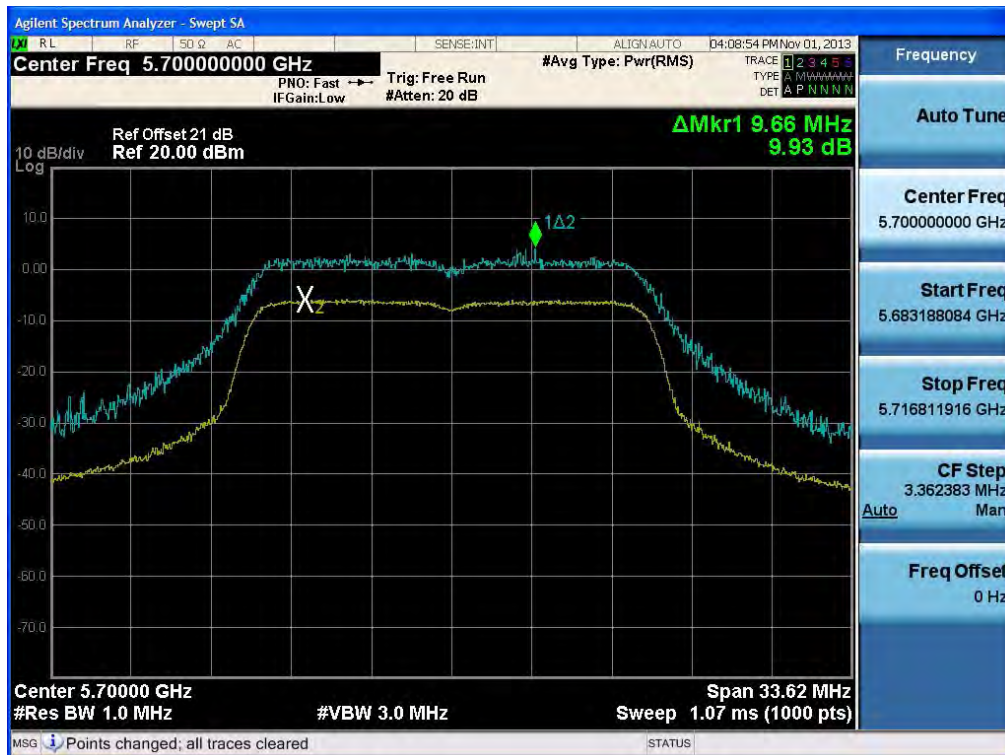
Peak Excursion Ratio (802.11a-CH 100)



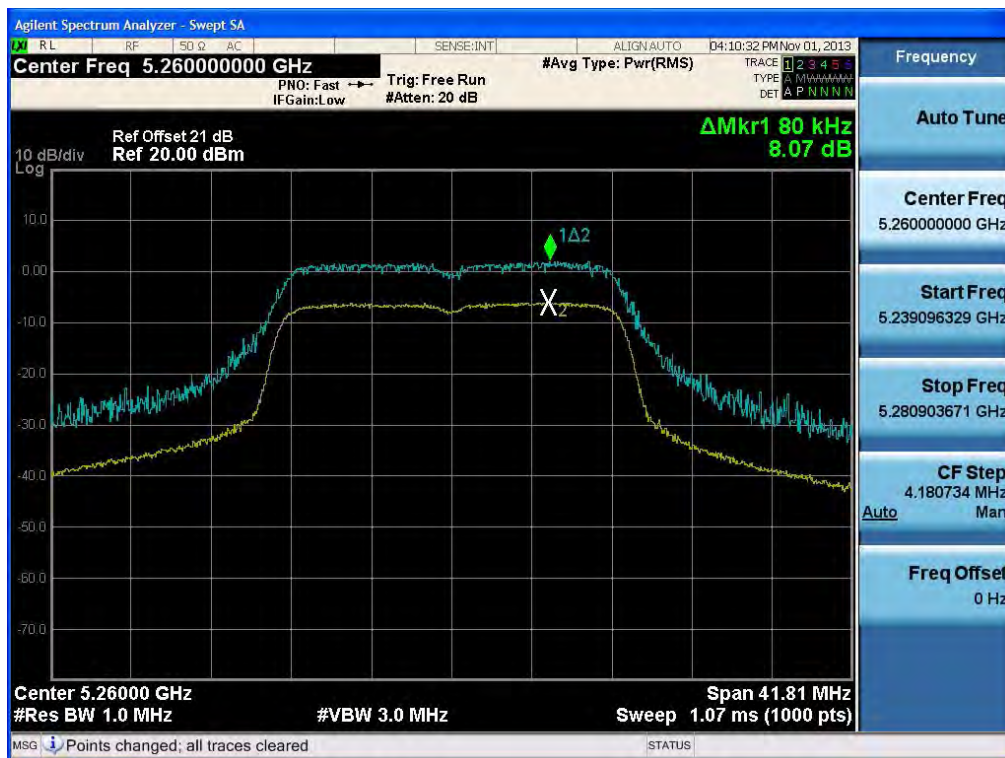
Peak Excursion Ratio (802.11a-CH 120)



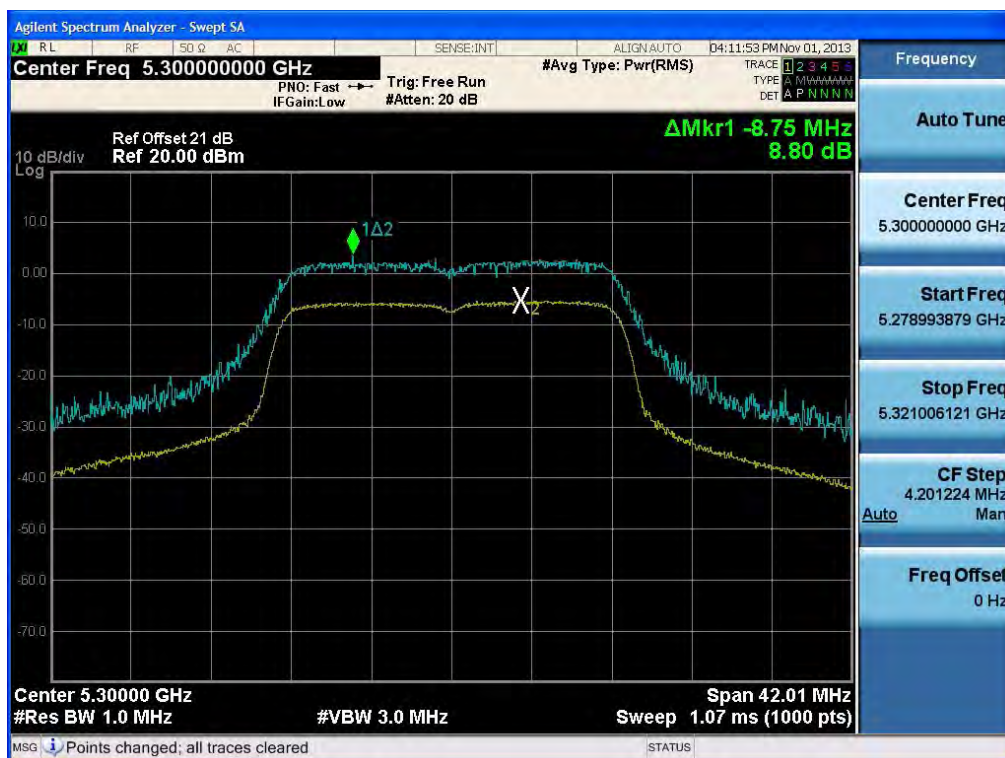
Peak Excursion Ratio (802.11a-CH 140)



Peak Excursion Ratio (802.11n-CH 52)



Peak Excursion Ratio (802.11n-CH 60)

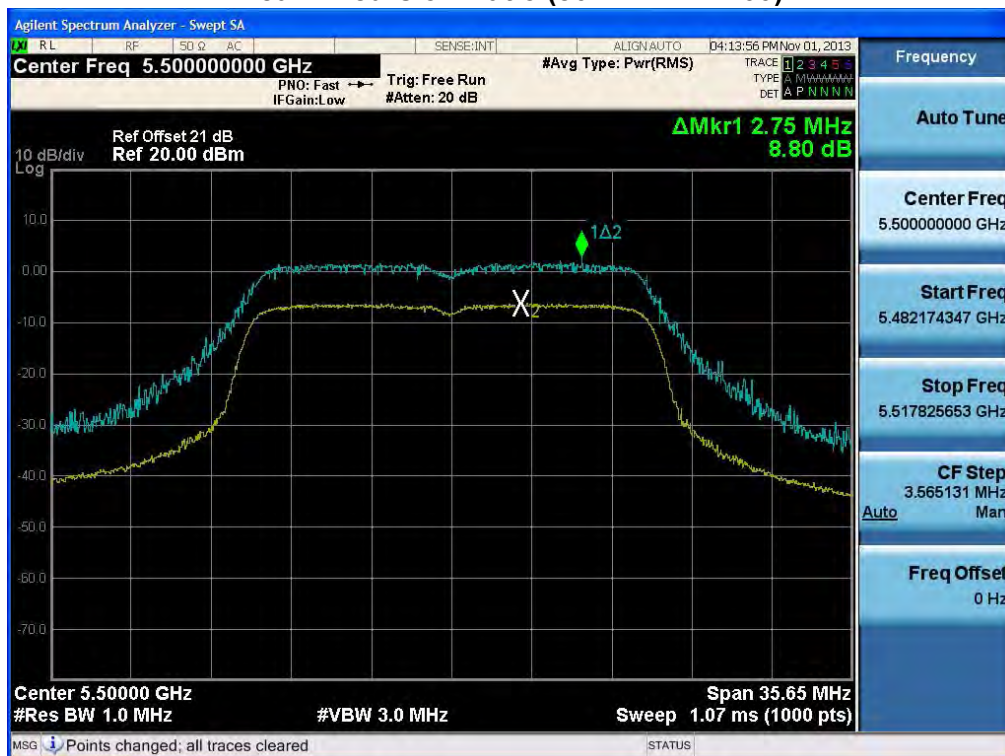


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 64)



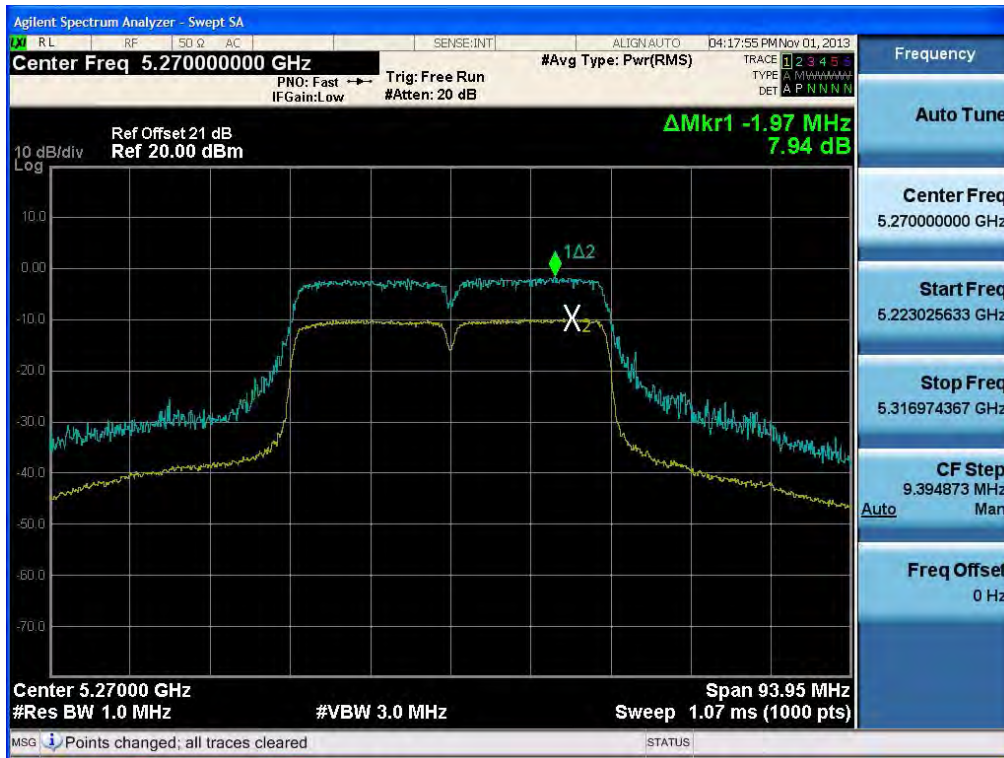
Peak Excursion Ratio (802.11n-CH 100)



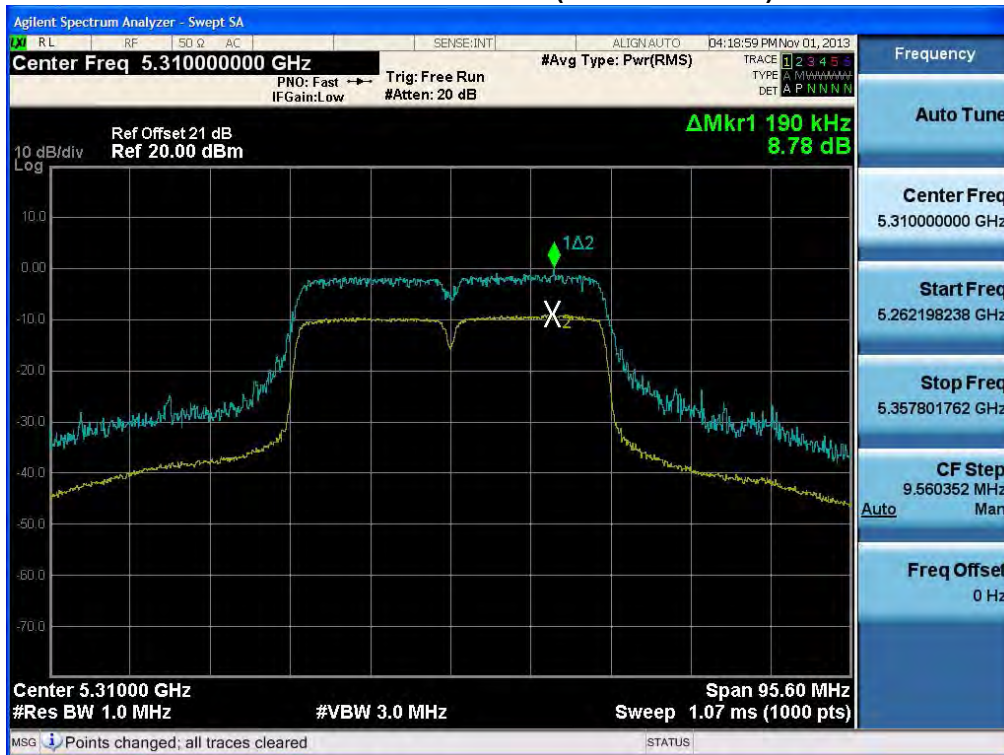
FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

40MHz BW

Peak Excursion Ratio (802.11n-CH 54)

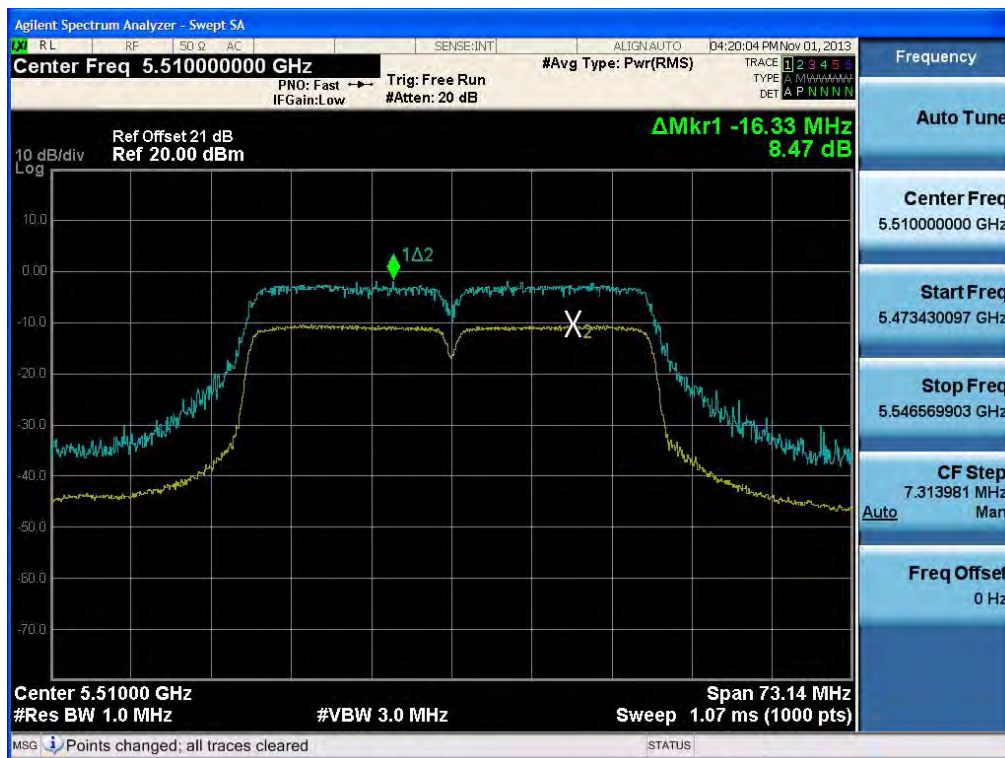


Peak Excursion Ratio (802.11n-CH 62)

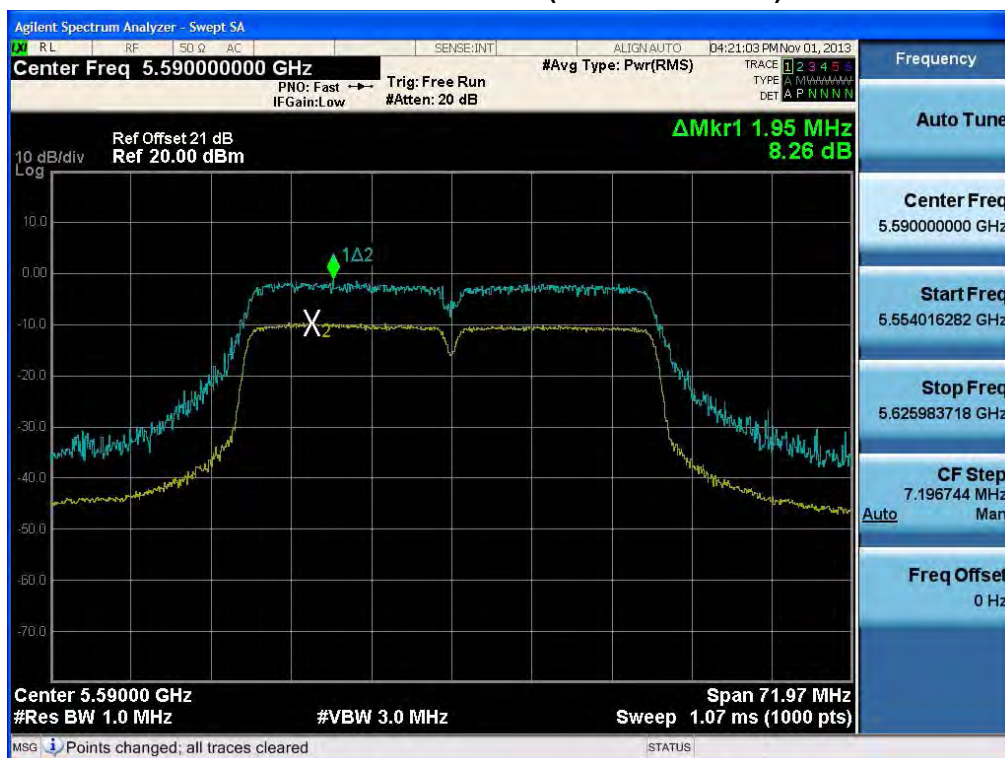


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

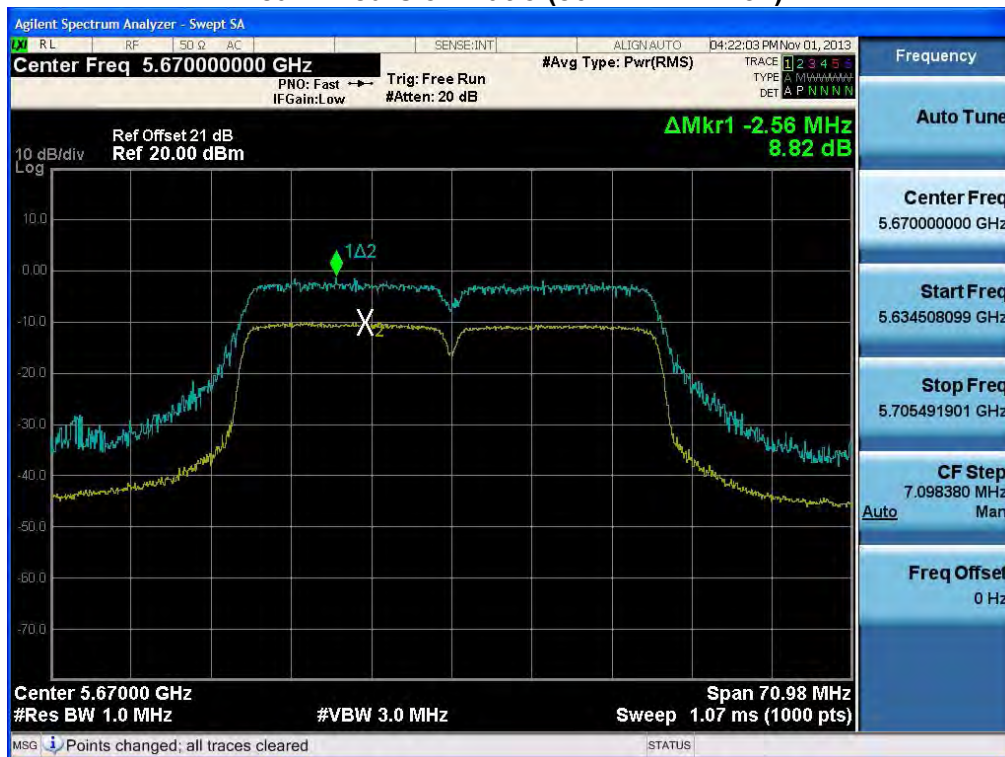
Peak Excursion Ratio (802.11n-CH 102)



Peak Excursion Ratio (802.11n-CH 118)



Peak Excursion Ratio (802.11n-CH 134)



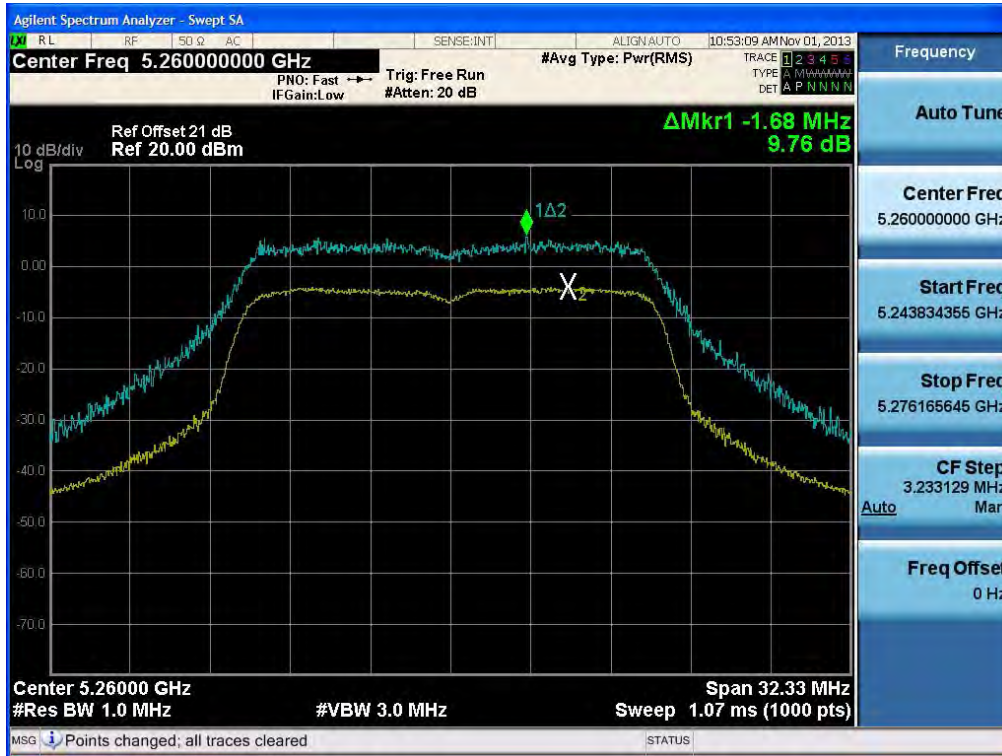
FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Service Port Ant.1

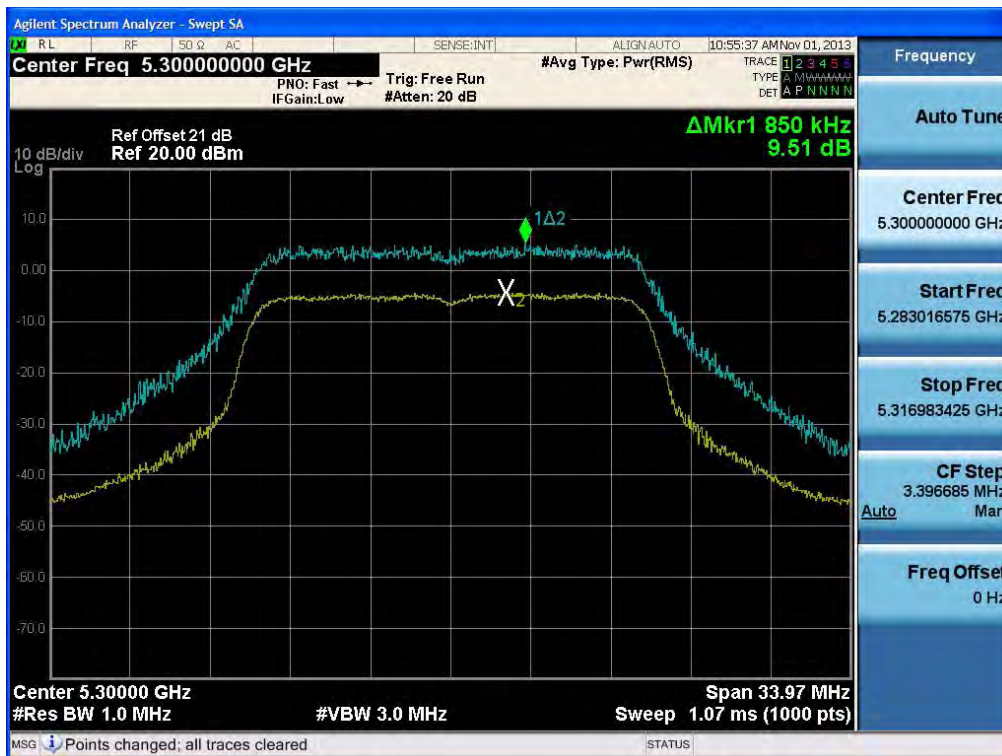
RESULT PLOTS

20 MHz BW

Peak Excursion Ratio (802.11a-CH 52)

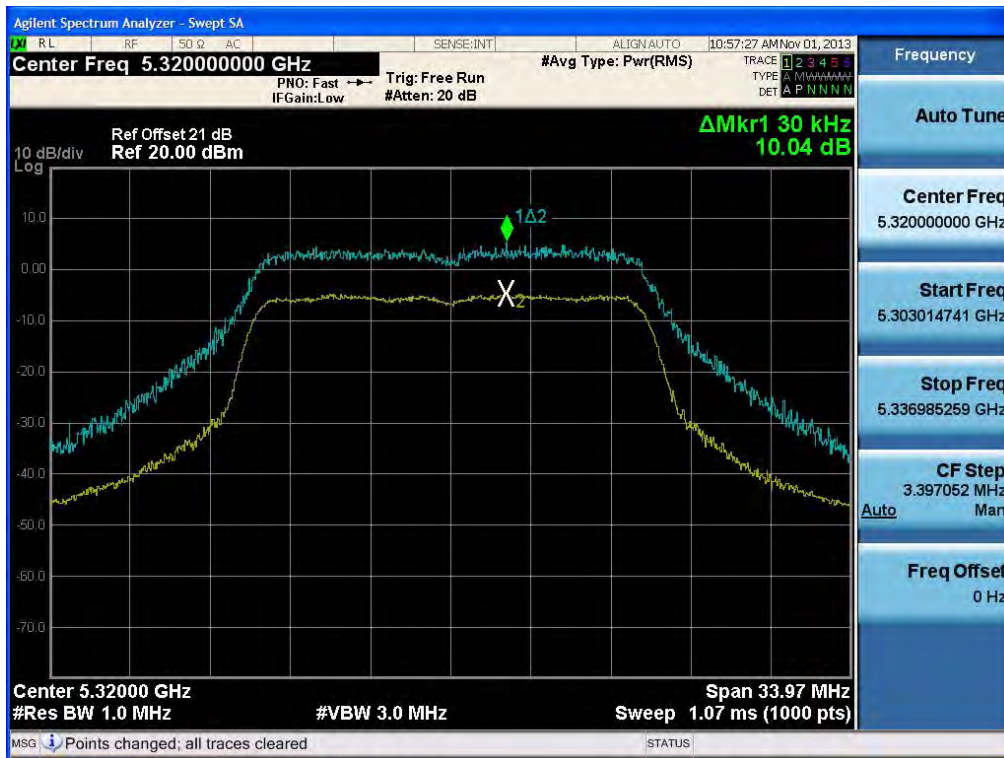


Peak Excursion Ratio (802.11a-CH 60)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

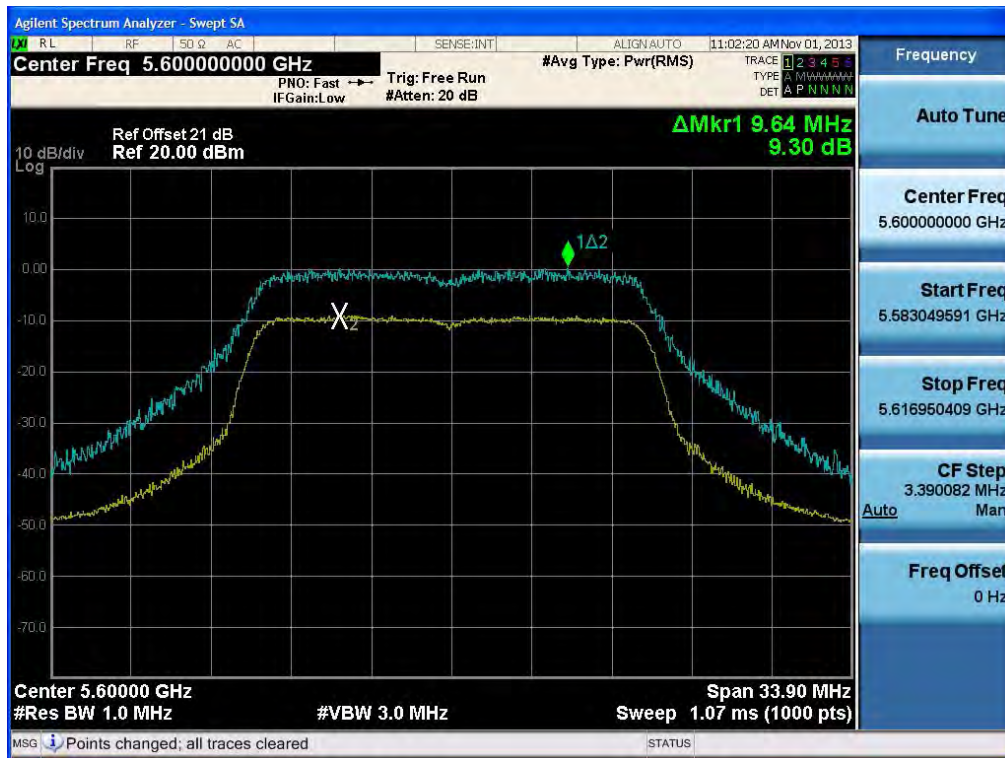
Peak Excursion Ratio (802.11a-CH 64)



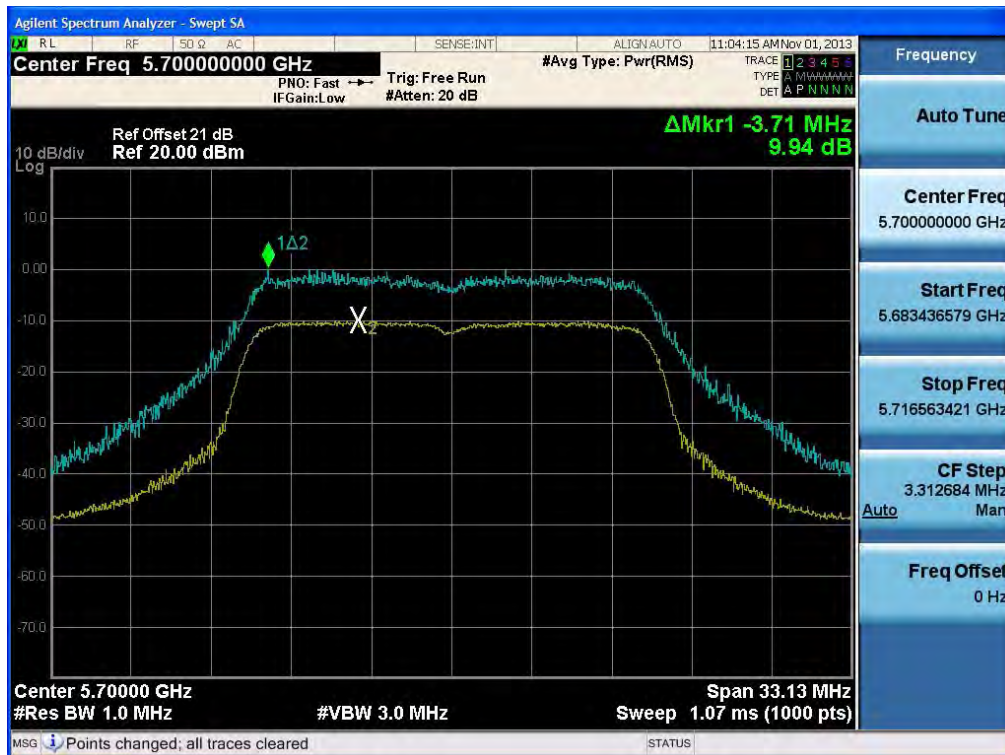
Peak Excursion Ratio (802.11a-CH 100)



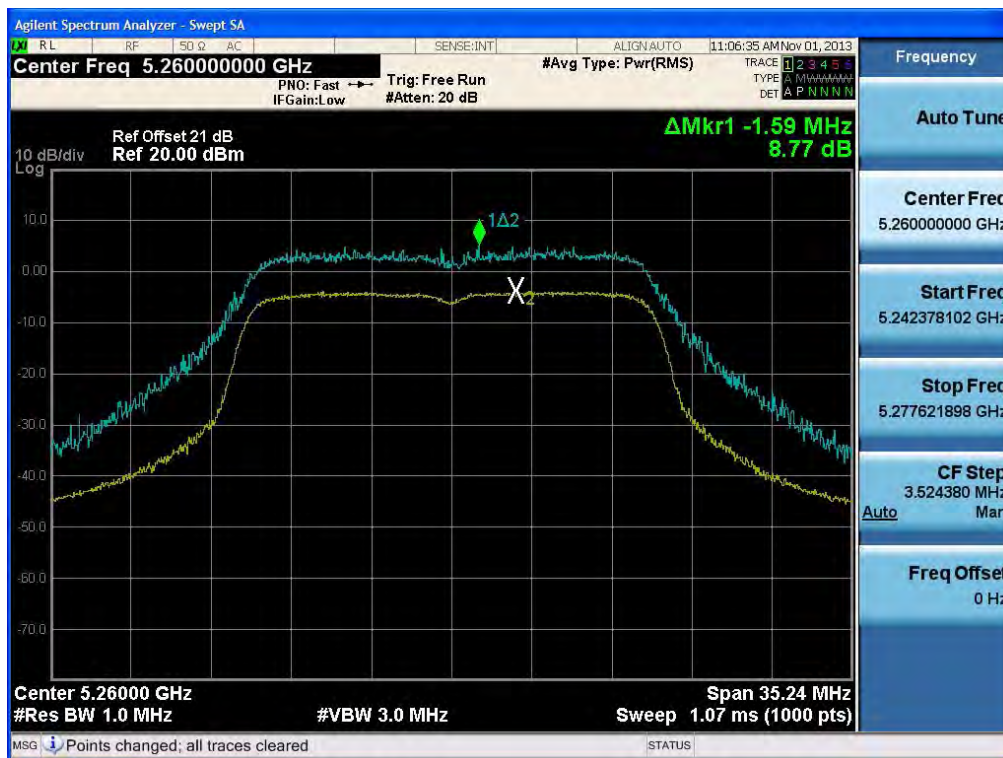
Peak Excursion Ratio (802.11a-CH 120)



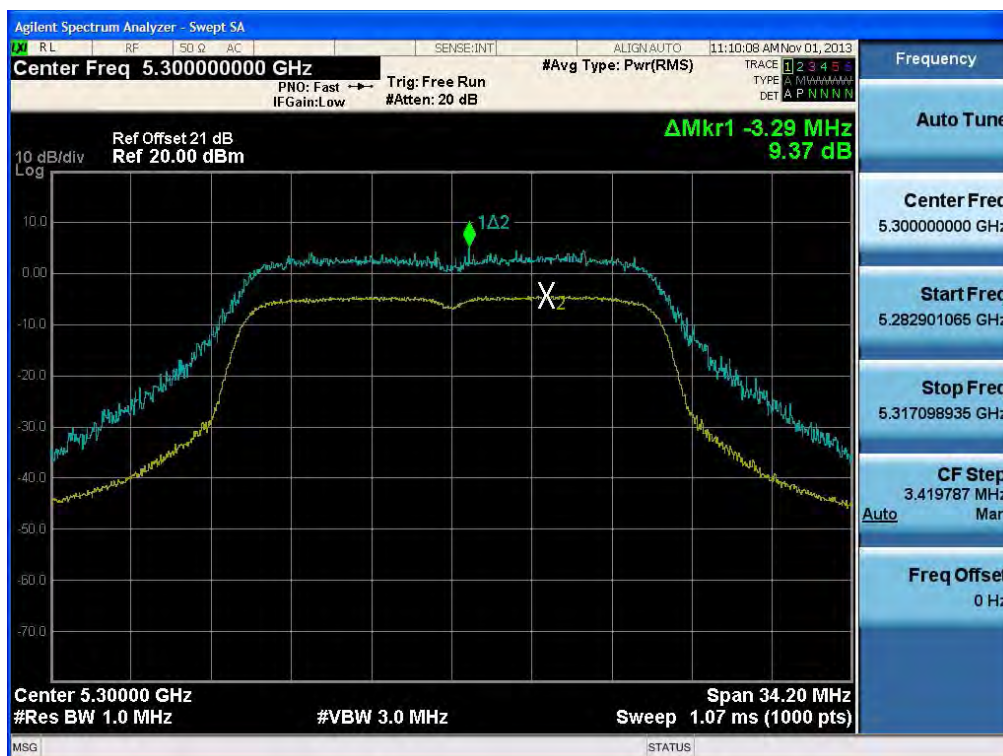
Peak Excursion Ratio (802.11a-CH 140)



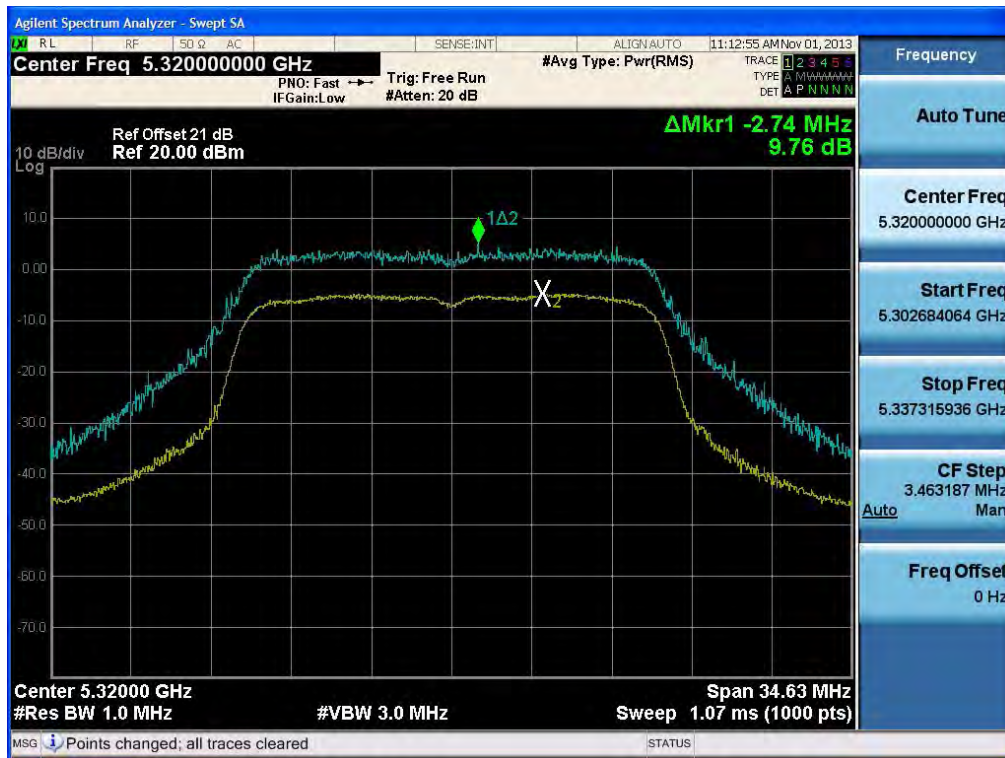
Peak Excursion Ratio (802.11n-CH 52)



Peak Excursion Ratio (802.11n-CH 60)



Peak Excursion Ratio (802.11n-CH 64)

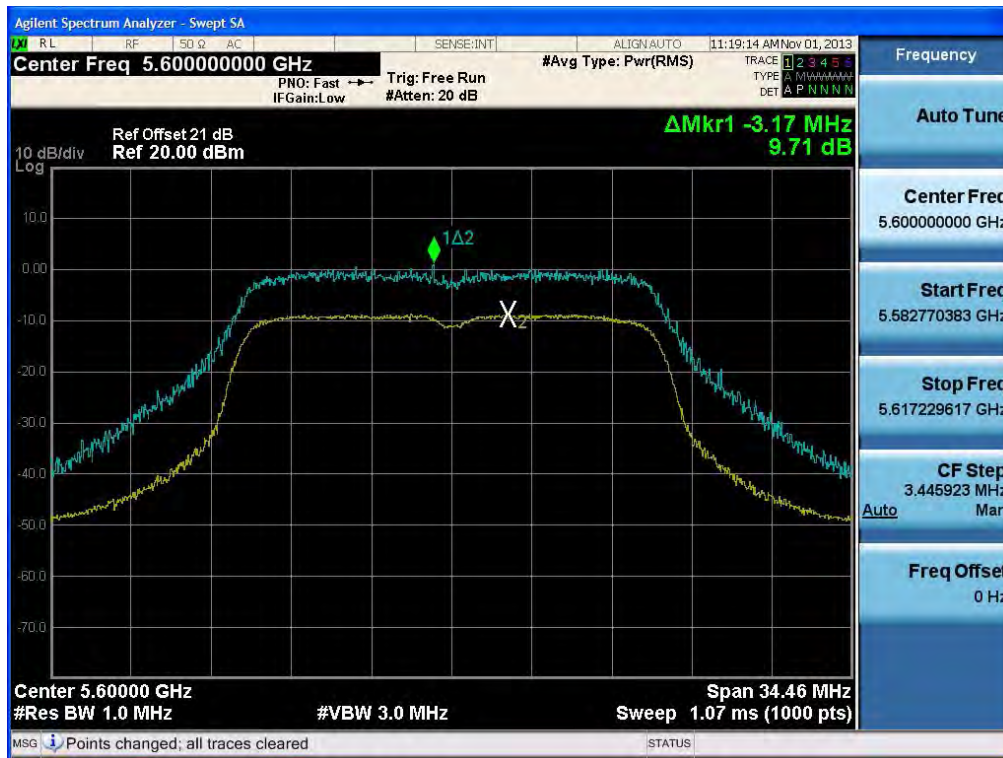


Peak Excursion Ratio (802.11n-CH 100)

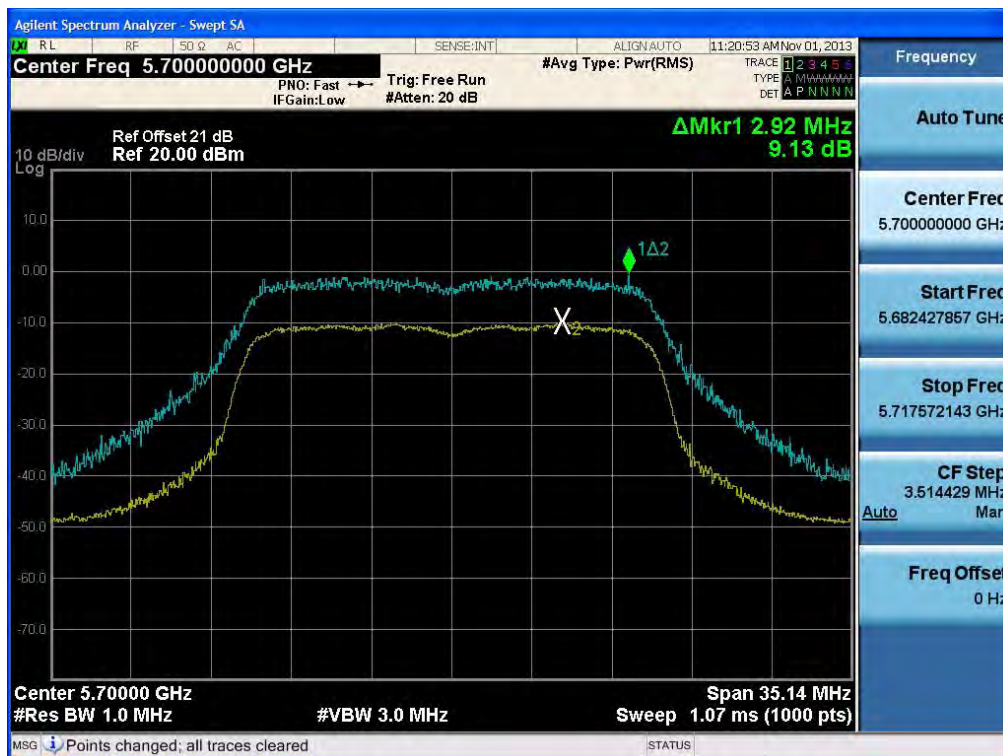


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 120)

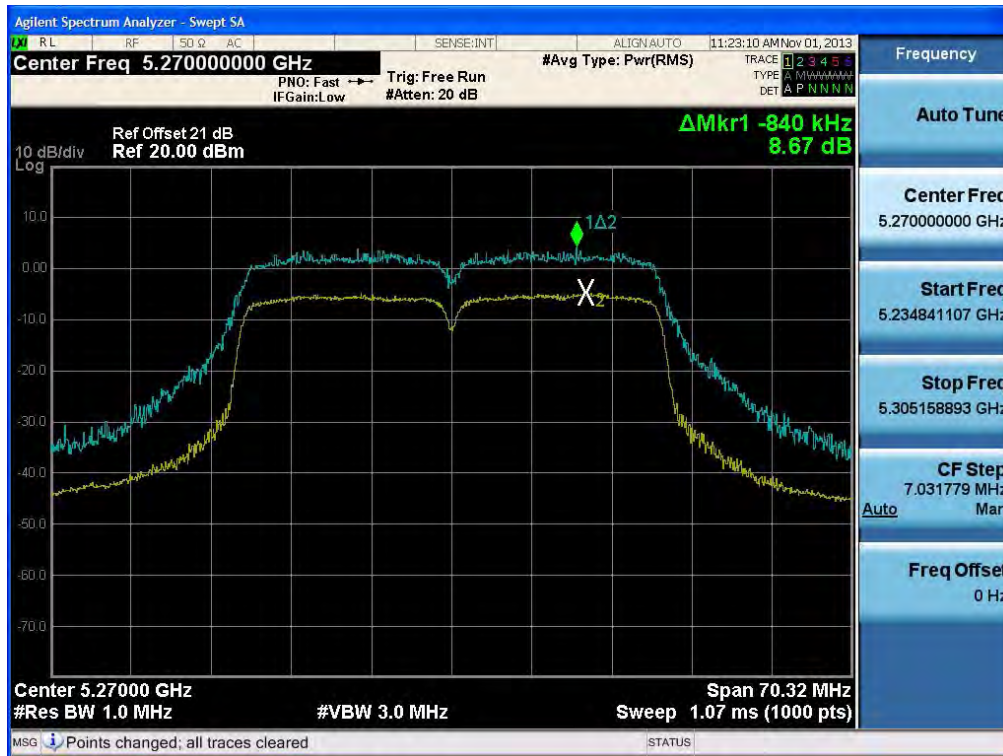


Peak Excursion Ratio (802.11n-CH 140)

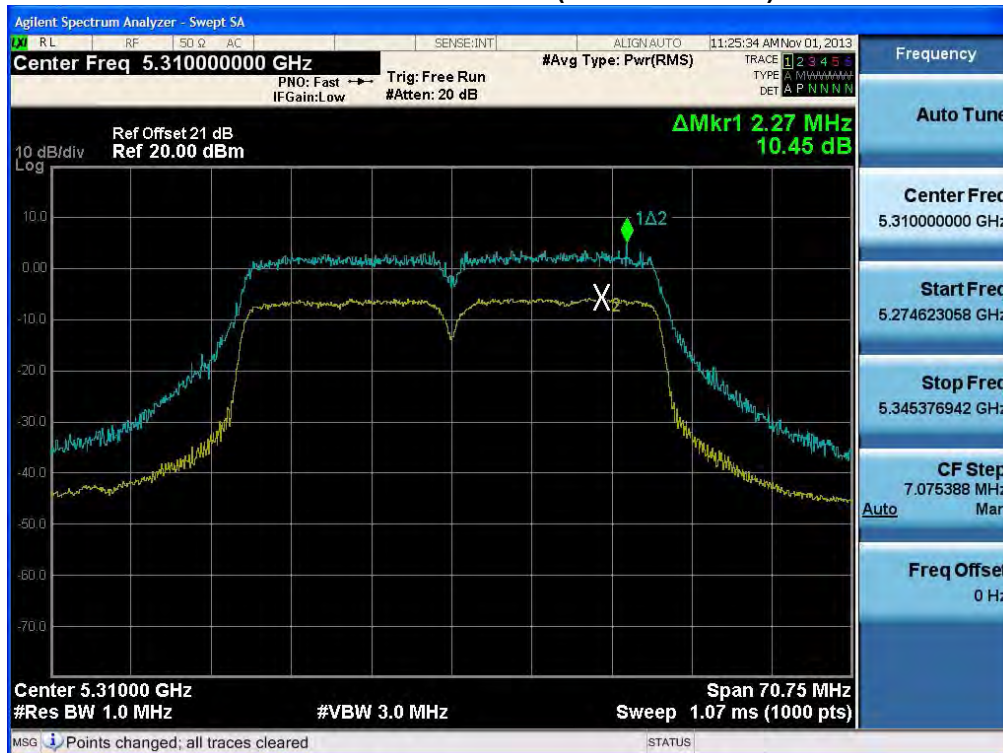


40MHz BW

Peak Excursion Ratio (802.11n-CH 54)



Peak Excursion Ratio (802.11n-CH 62)

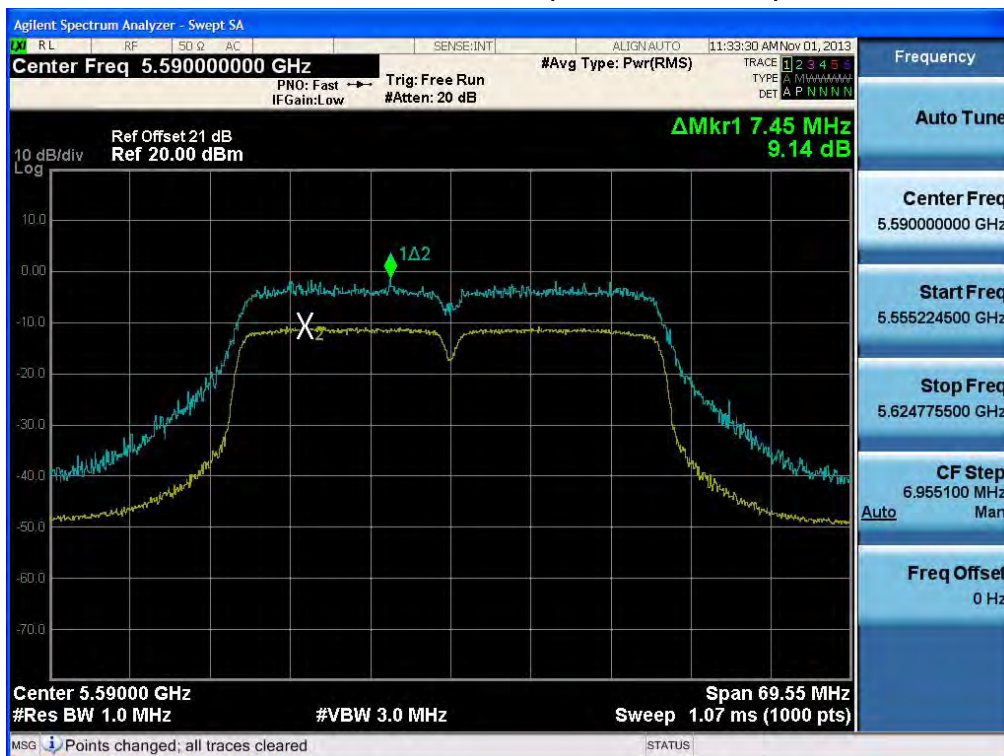


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

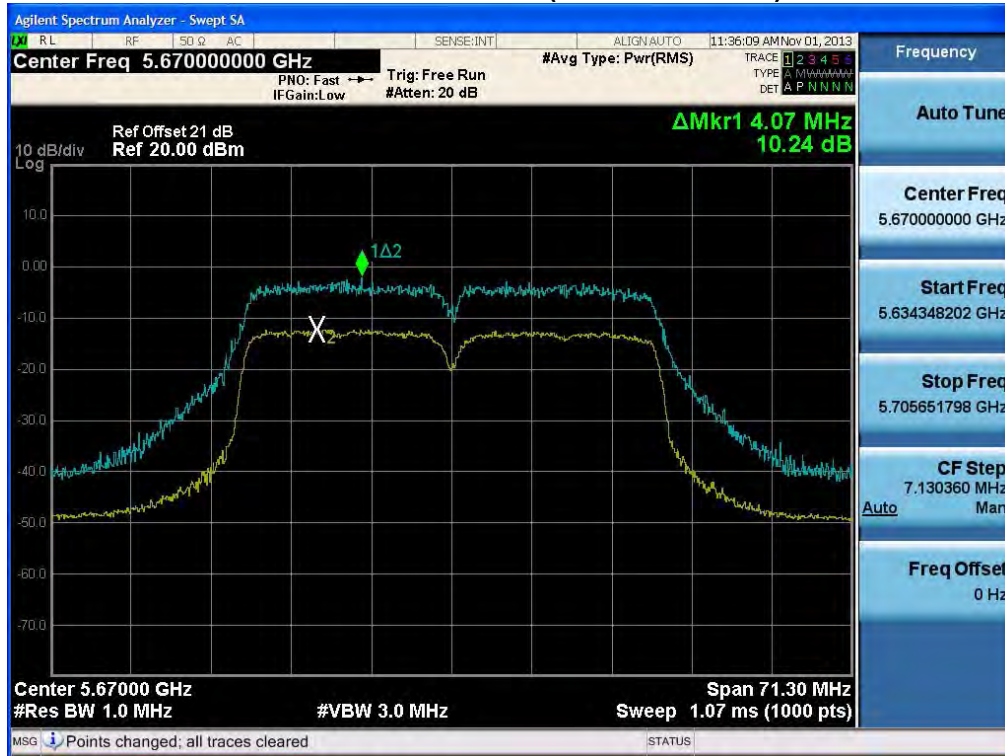
Peak Excursion Ratio (802.11n-CH 102)



Peak Excursion Ratio (802.11n-CH 118)



Peak Excursion Ratio (802.11n-CH 134)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Service Port Ant.2

RESULT PLOTS

20 MHz BW

Peak Excursion Ratio (802.11a-CH 52)

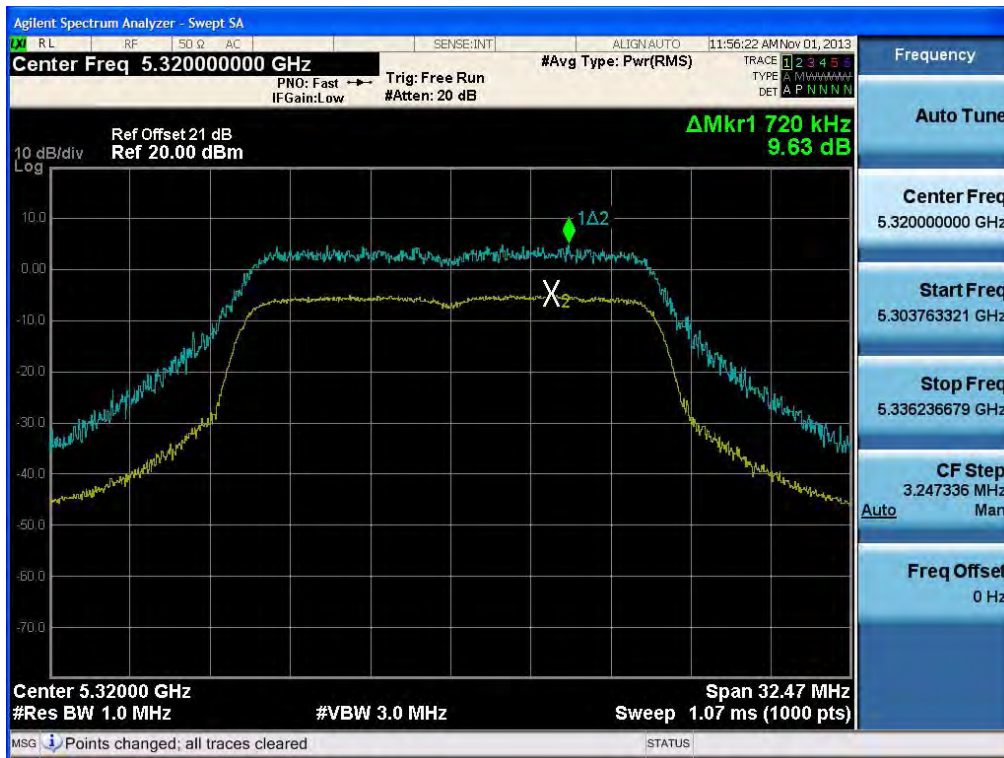


Peak Excursion Ratio (802.11a-CH 60)

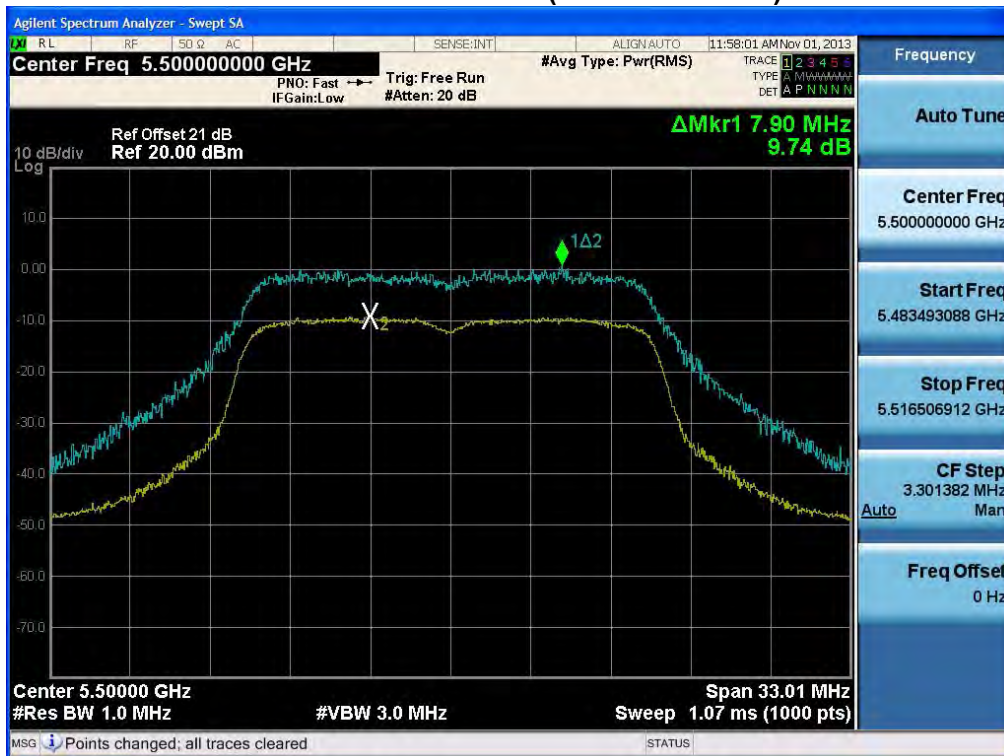


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

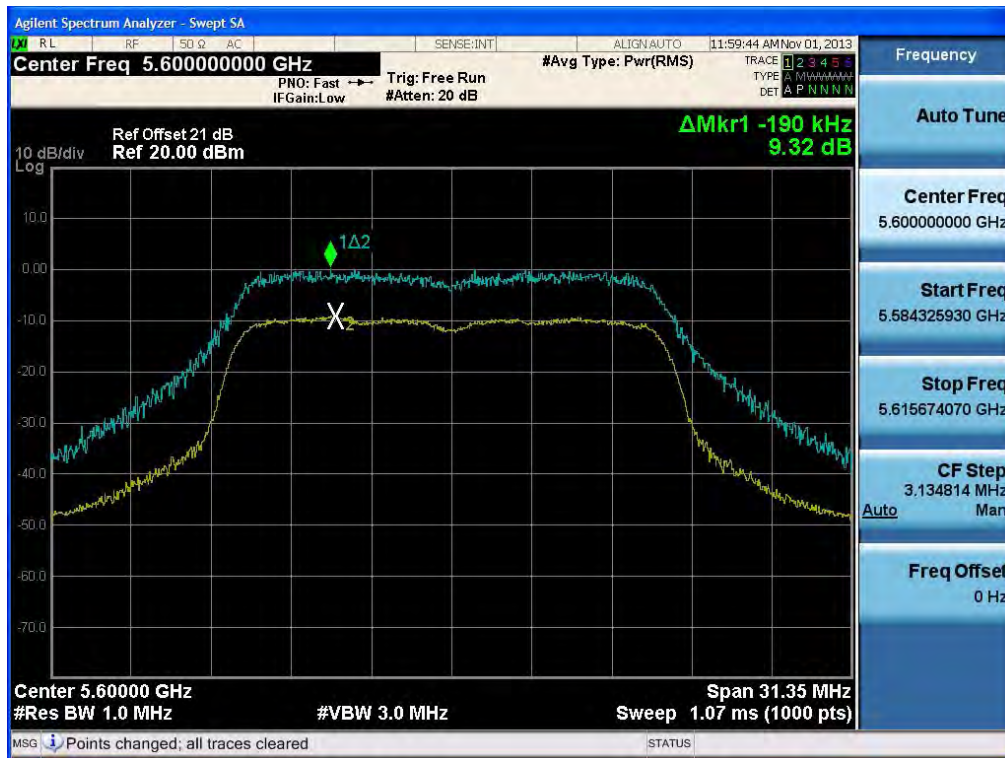
Peak Excursion Ratio (802.11a-CH 64)



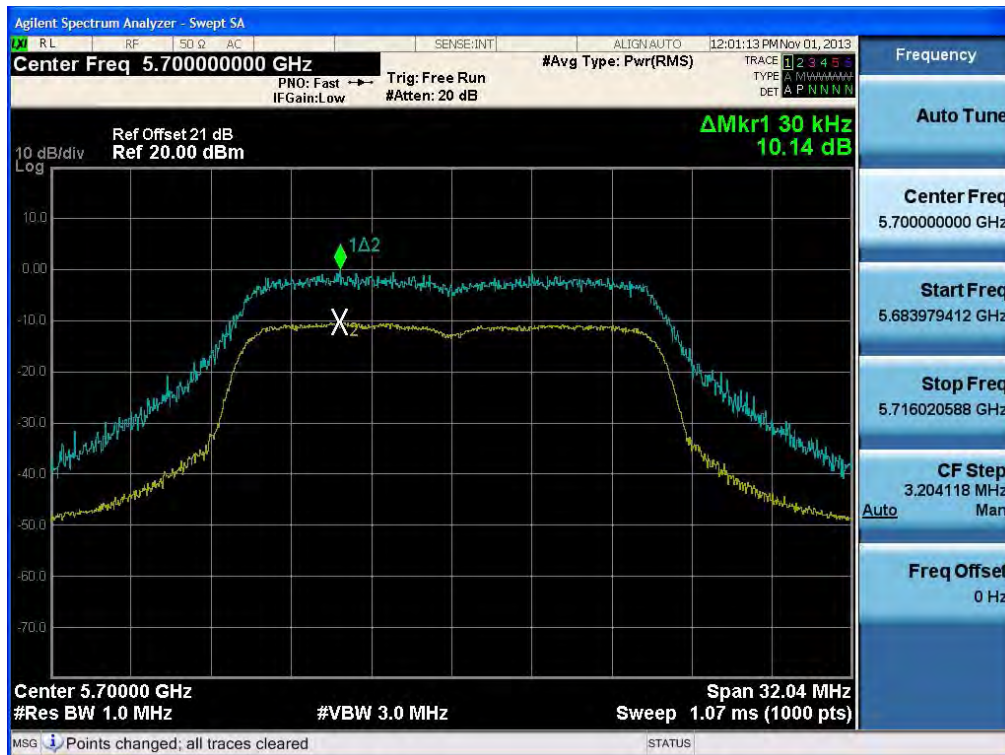
Peak Excursion Ratio (802.11a-CH 100)



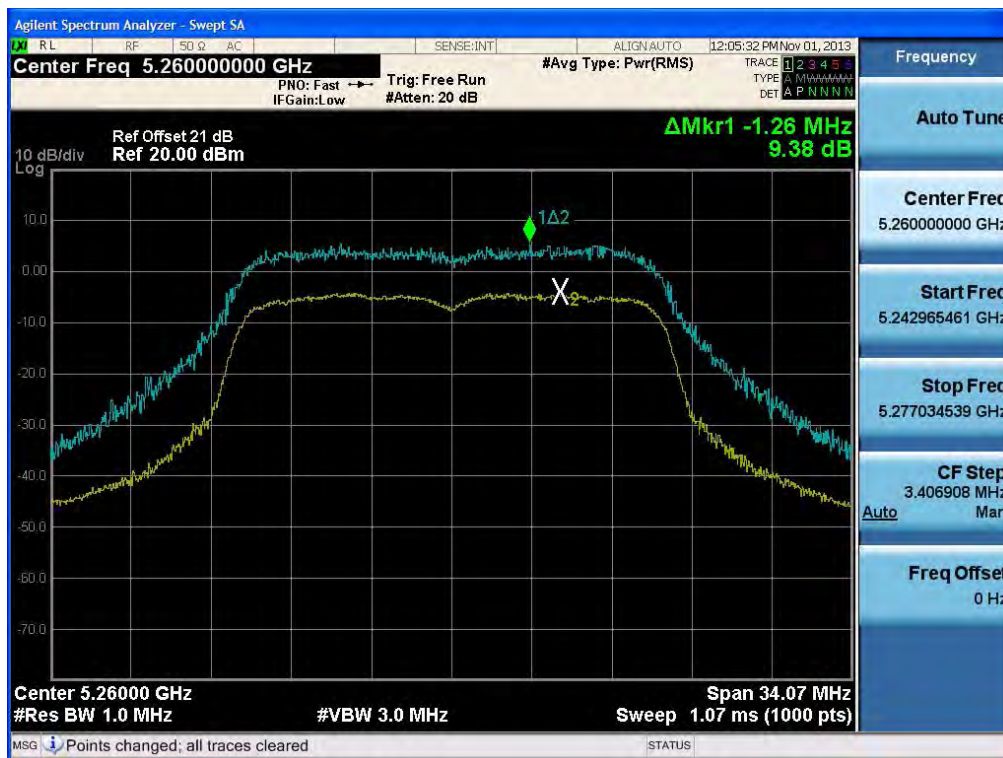
Peak Excursion Ratio (802.11a-CH 120)



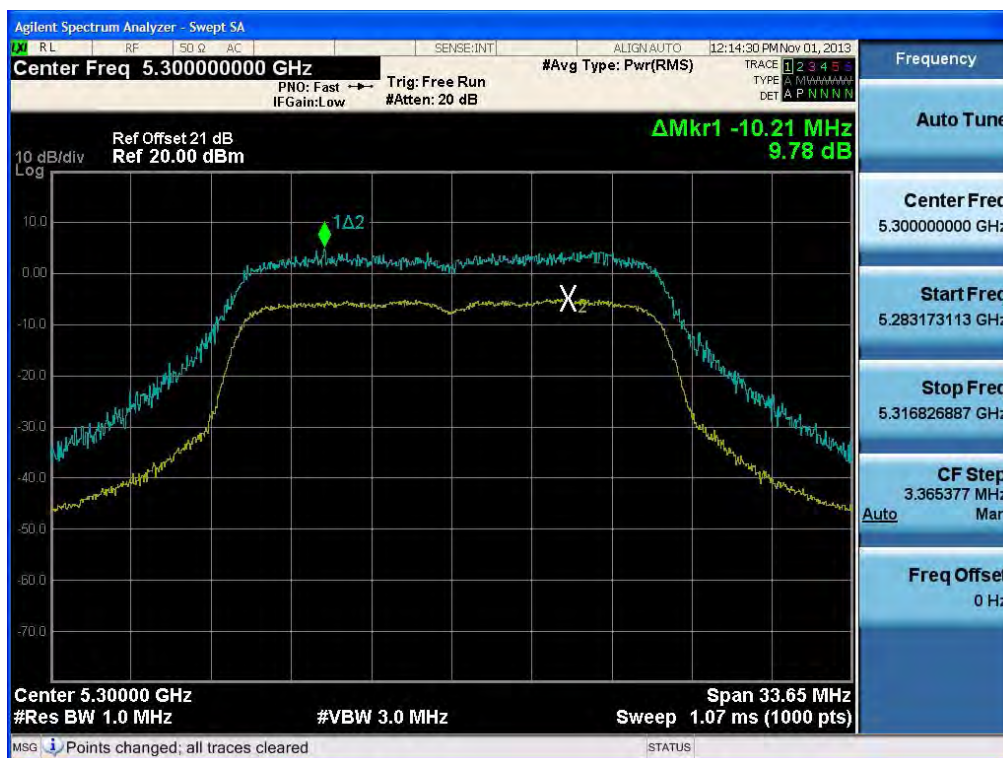
Peak Excursion Ratio (802.11a-CH 140)



Peak Excursion Ratio (802.11n-CH 52)



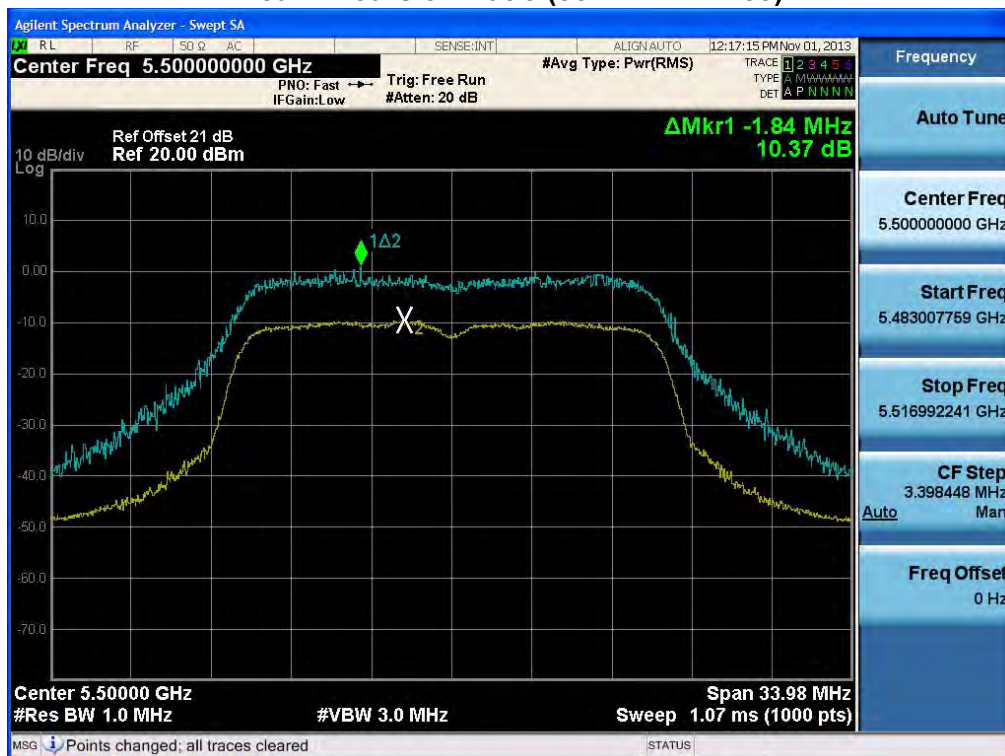
Peak Excursion Ratio (802.11n-CH 60)



Peak Excursion Ratio (802.11n-CH 64)

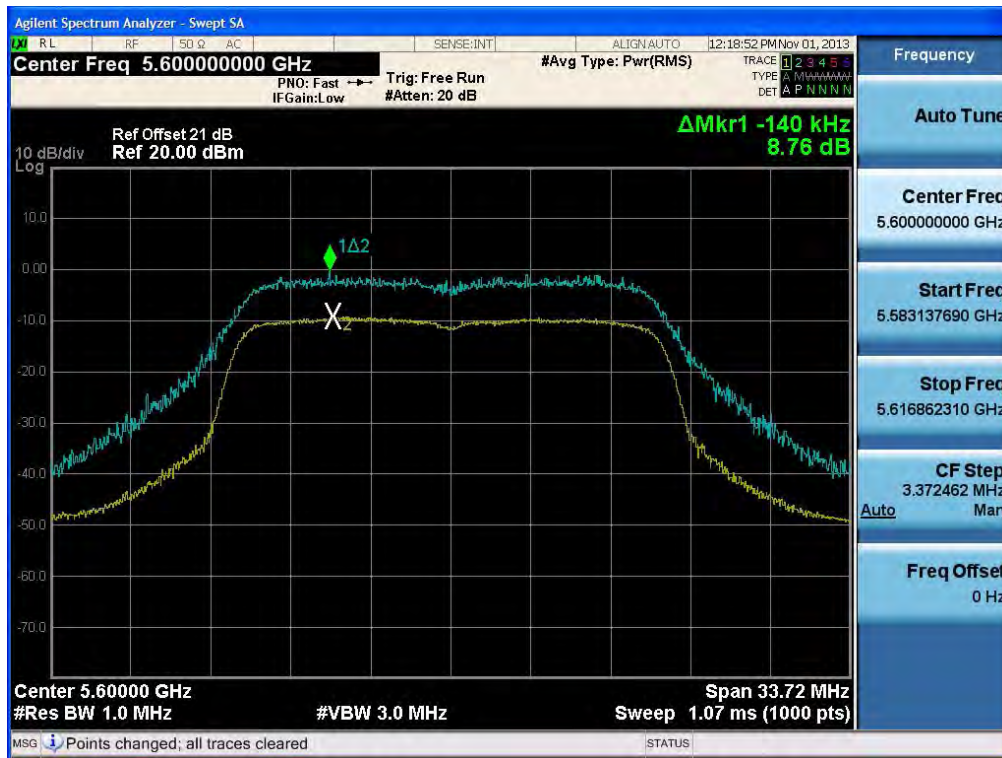


Peak Excursion Ratio (802.11n-CH 100)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 120)



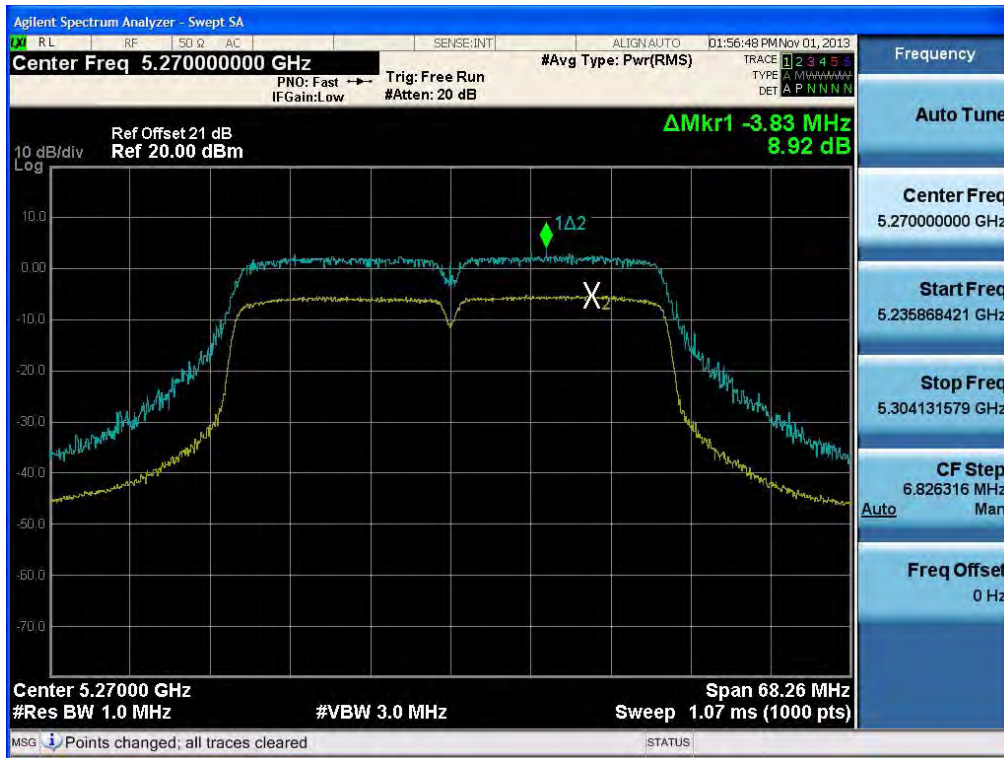
Peak Excursion Ratio (802.11n-CH 140)



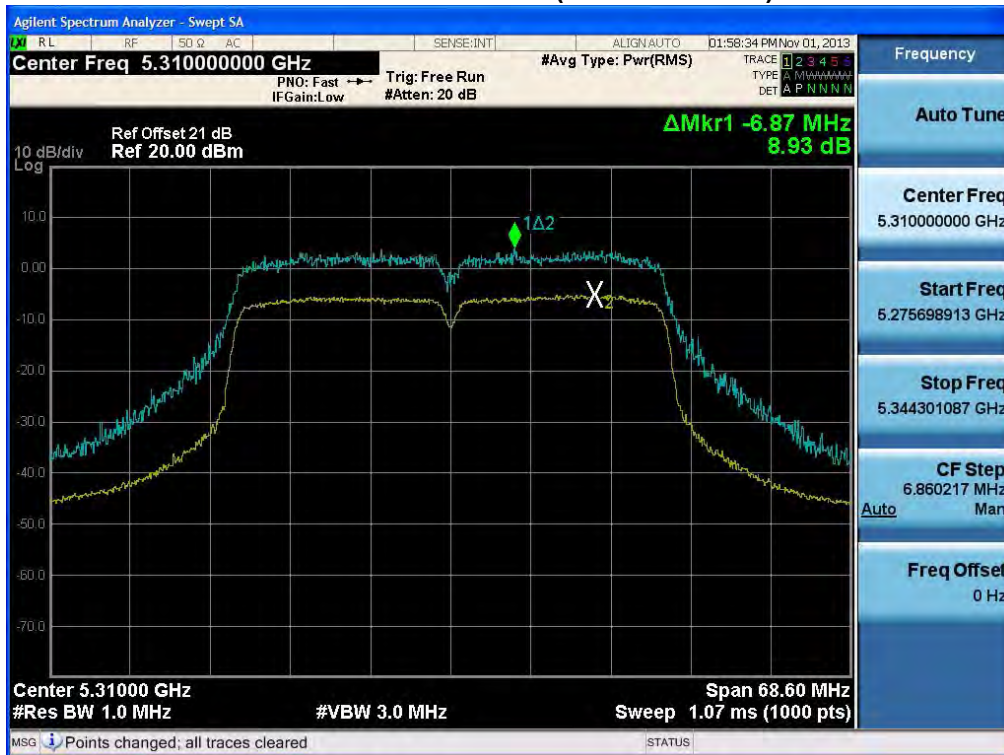
FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

40MHz BW

Peak Excursion Ratio (802.11n-CH 54)

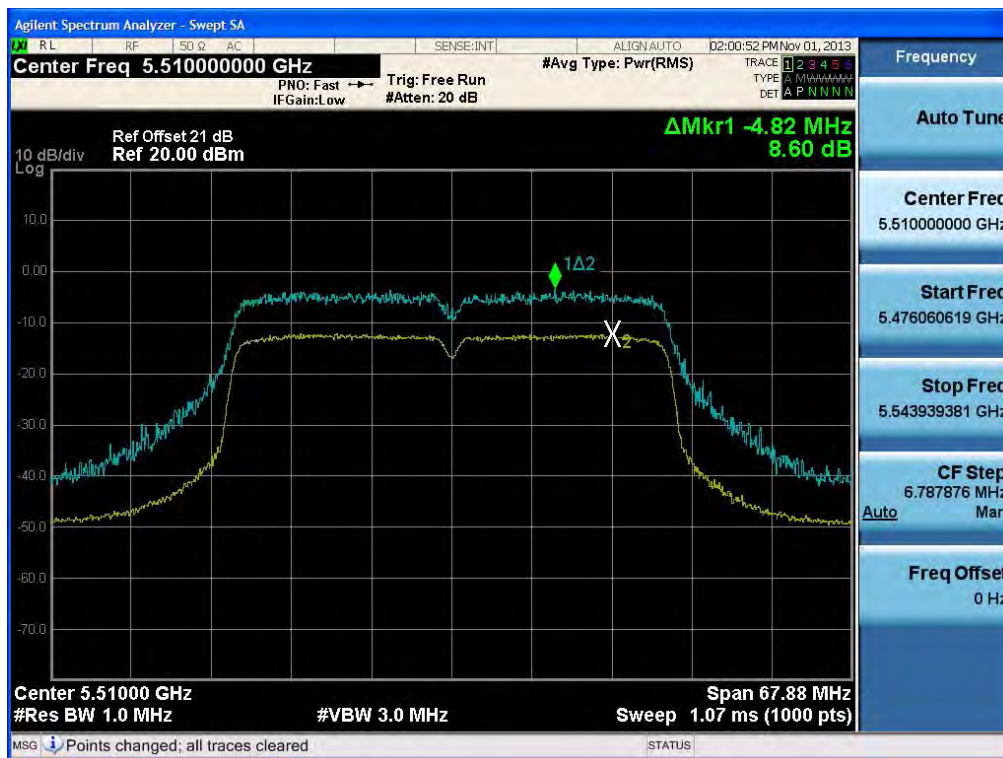


Peak Excursion Ratio (802.11n-CH 62)

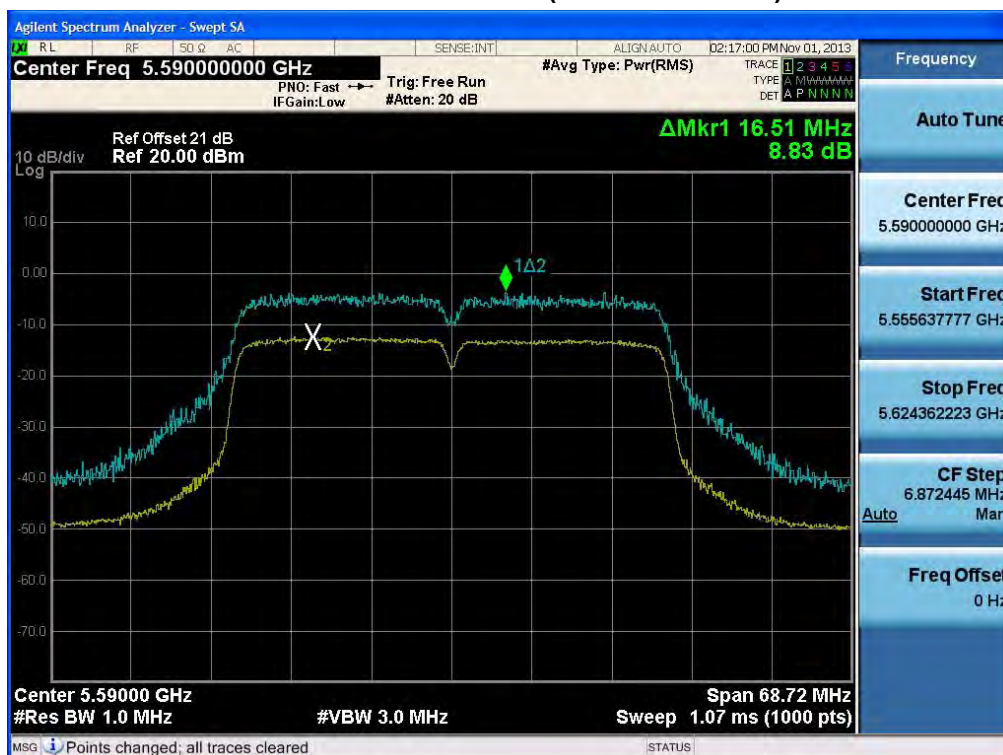


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

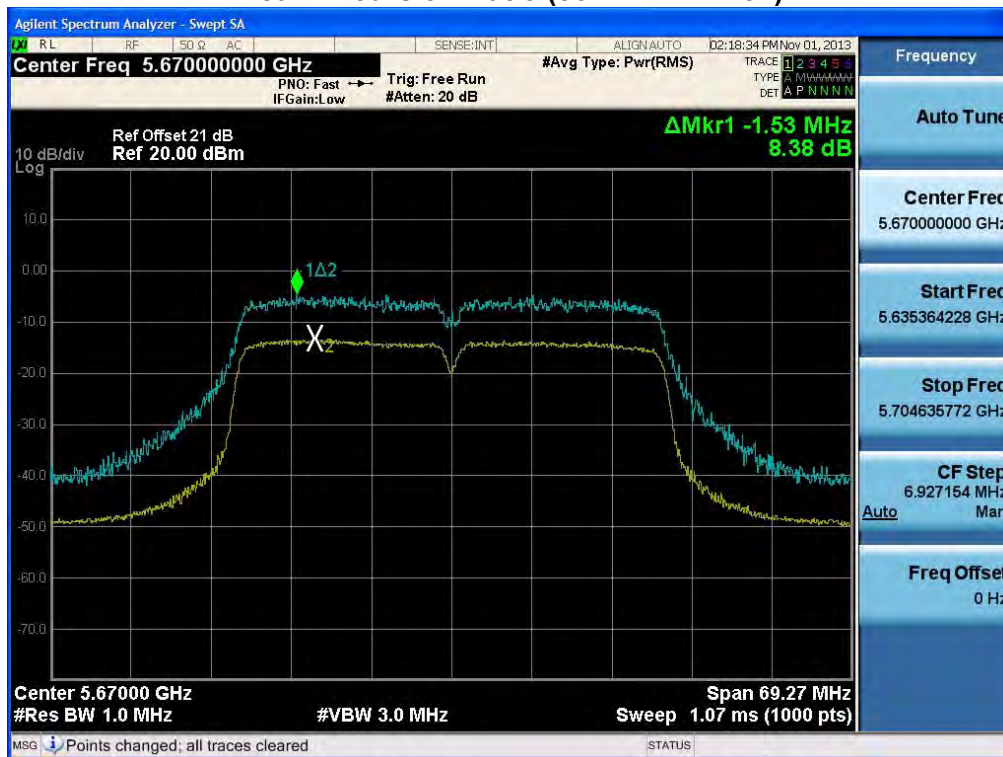
Peak Excursion Ratio (802.11n-CH 102)



Peak Excursion Ratio (802.11n-CH 118)



Peak Excursion Ratio (802.11n-CH 134)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Service Port Ant.3

RESULT PLOTS

20 MHz BW

Peak Excursion Ratio (802.11a-CH 52)



Peak Excursion Ratio (802.11a-CH 60)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

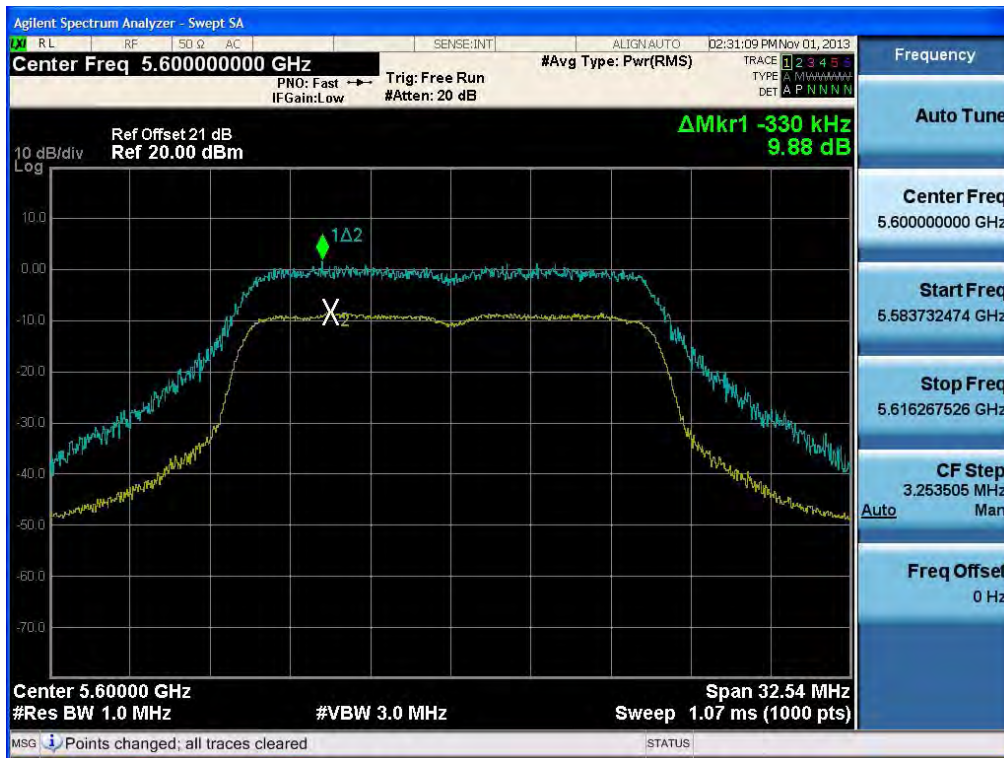
Peak Excursion Ratio (802.11a-CH 64)



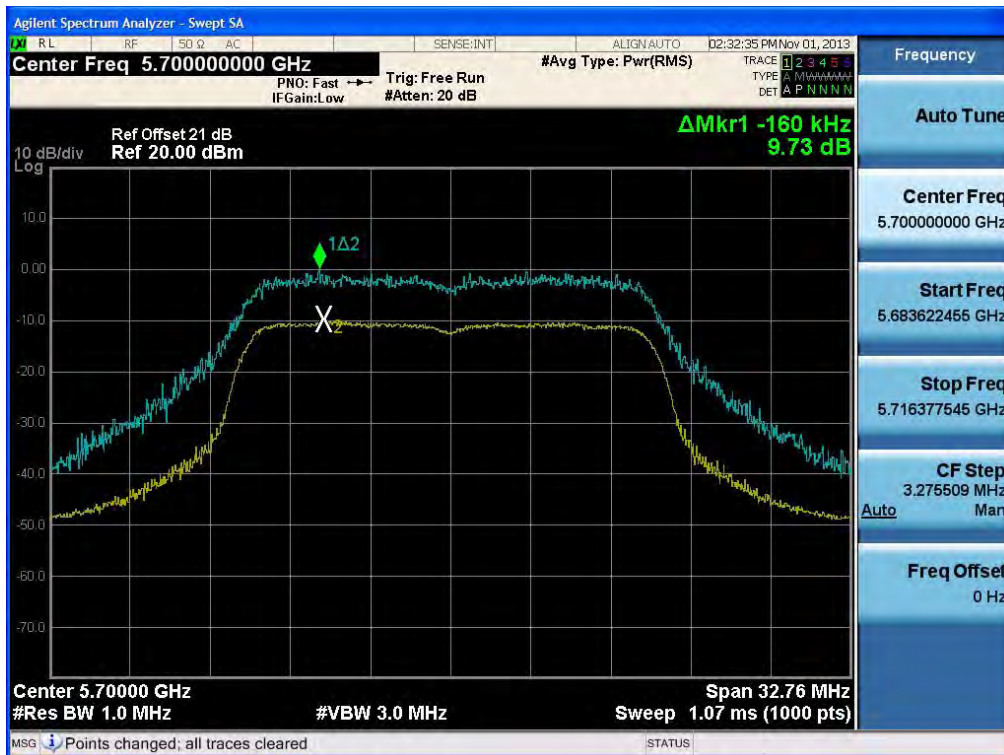
Peak Excursion Ratio (802.11a-CH 100)



Peak Excursion Ratio (802.11a-CH 120)



Peak Excursion Ratio (802.11a-CH 140)

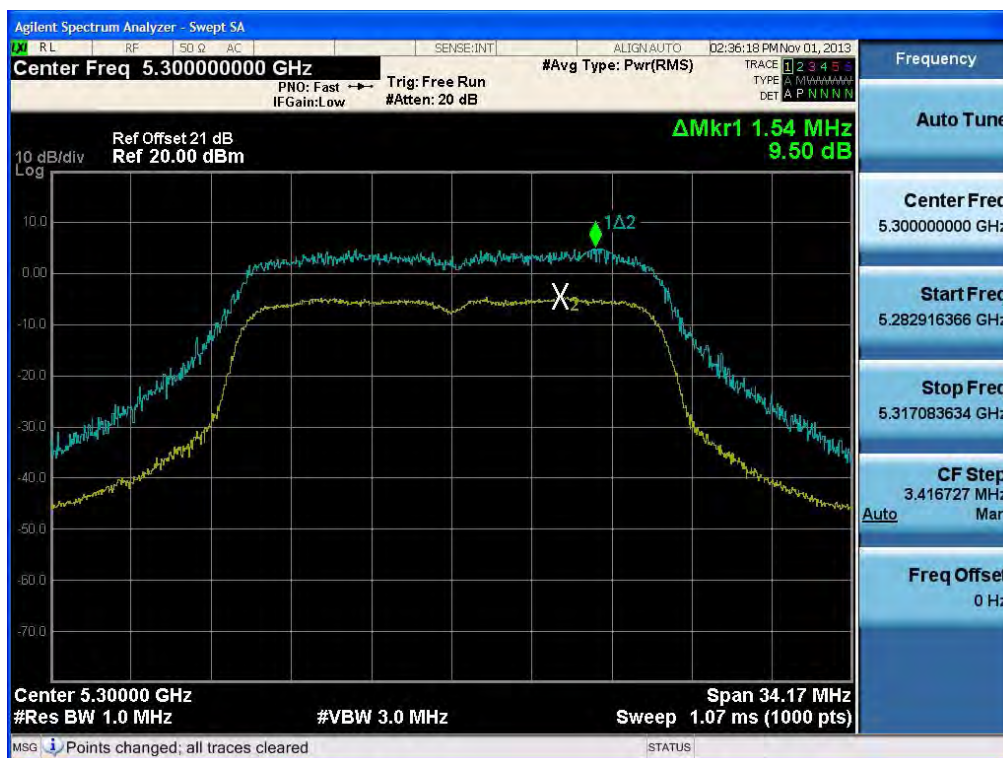


FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

Peak Excursion Ratio (802.11n-CH 52)

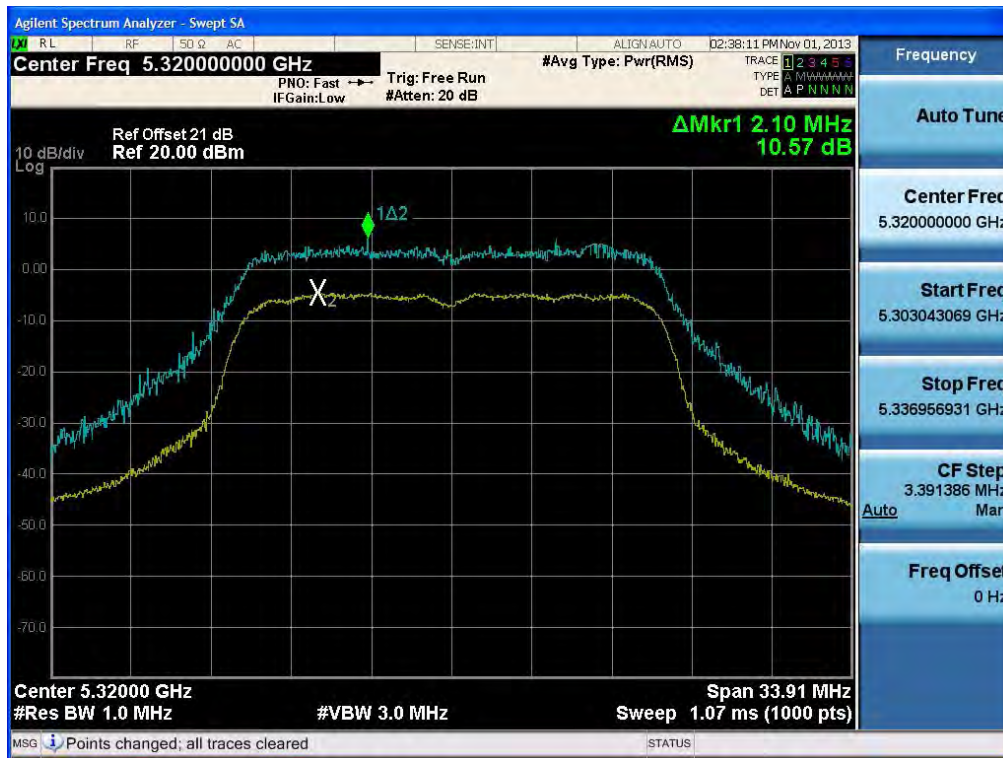


Peak Excursion Ratio (802.11n-CH 60)



FCC PT.15.407 TEST REPORT	FCC CERTIFICATION REPORT		www.hct.co.kr
Test Report No. HCTR1311FR02	Date of Issue: November 04, 2013	EUT Type: WLAN Access Point	FCC ID: A3LWEA303I

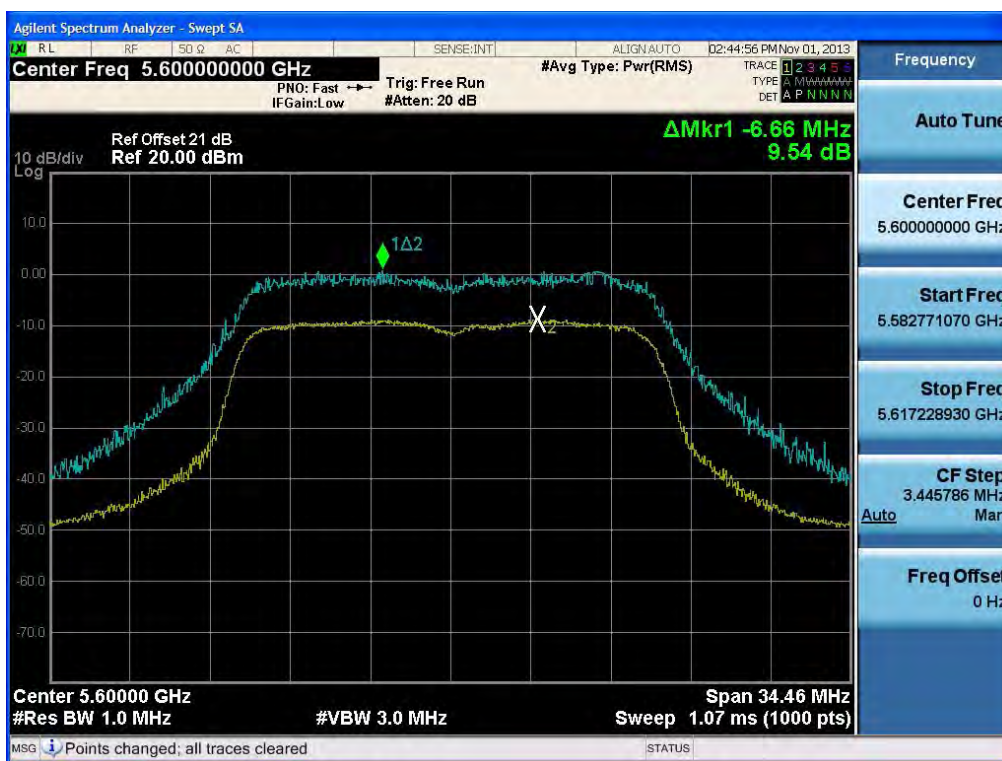
Peak Excursion Ratio (802.11n-CH 64)



Peak Excursion Ratio (802.11n-CH 100)



Peak Excursion Ratio (802.11n-CH 120)



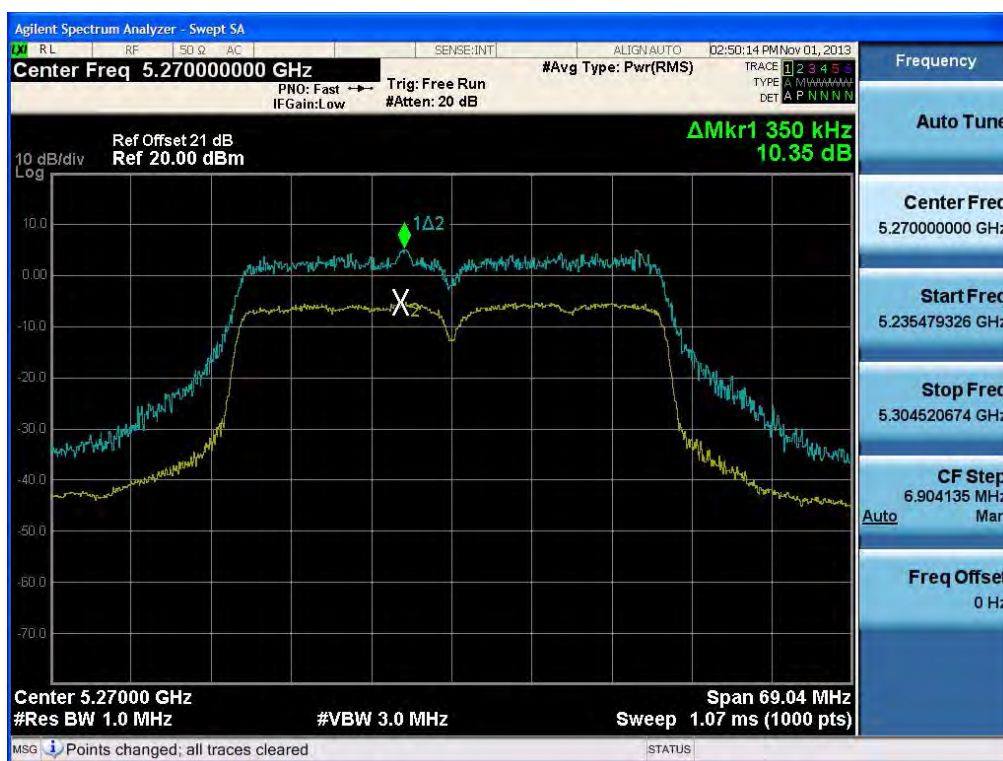
Peak Excursion Ratio (802.11n-CH 140)



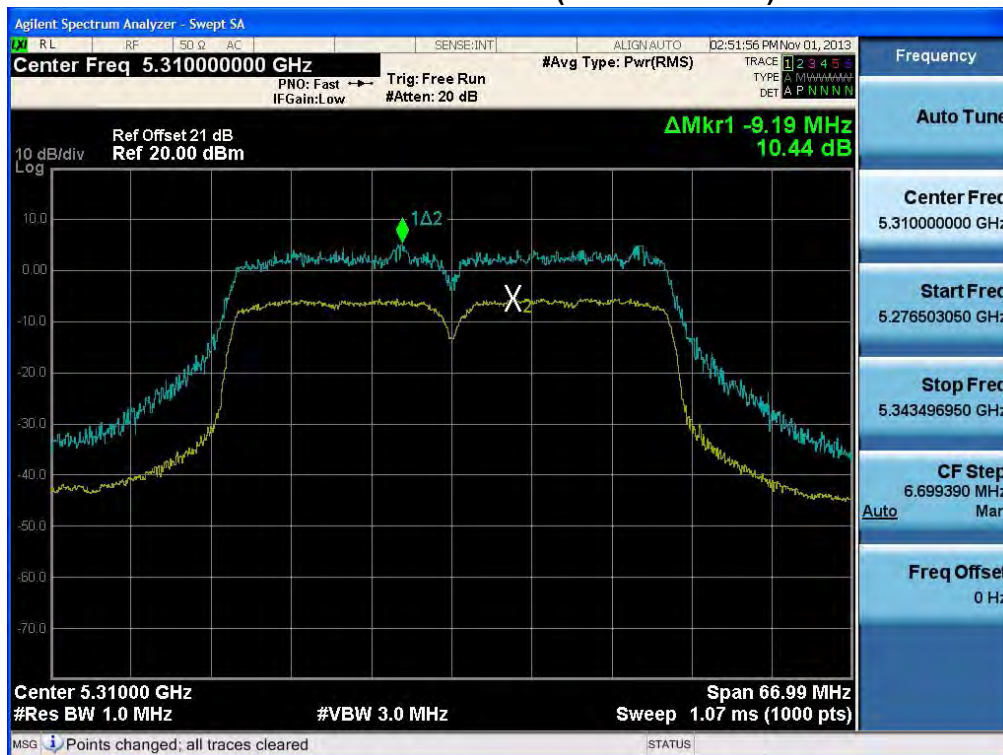
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40MHz BW

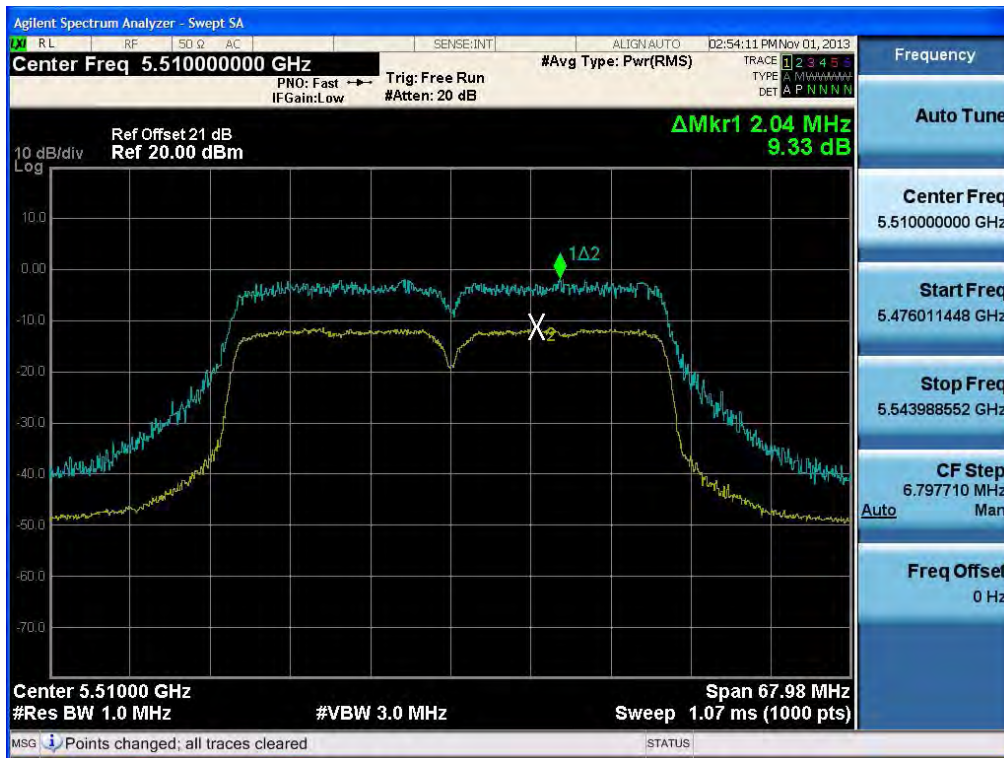
Peak Excursion Ratio (802.11n-CH 54)



Peak Excursion Ratio (802.11n-CH 62)



Peak Excursion Ratio (802.11n-CH 102)



Peak Excursion Ratio (802.11n-CH 118)



Peak Excursion Ratio (802.11n-CH 134)



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8.6 FREQUENCY STABILITY.

The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -30 °C and 50 °C. The temperature was incremented by 10 °C intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

Service Port

OPERATING BAND:	UNII Band 2
OPERATING FREQUENCY:	5,260,000,000 Hz
CHANNEL:	52
REFERENCE VOLTAGE:	220 VAC

Voltage (%)	Power (VAC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100	220	+20(Ref)	5 260 018	18.2
100		-30	5 260 009	8.8
100		-20	5 260 007	7.2
100		-10	5 260 007	7.3
100		0	5 260 006	5.5
100		+10	5 260 014	13.9
100		+30	5 260 016	16.0
100		+40	5 260 015	15.2
100		+50	5 260 010	10.0
115	253	+20	5 260 017	16.9
85	187	+20	5 260 017	17.4

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND:	<u>UNII Band 2e</u>
OPERATING FREQUENCY:	<u>5,500,000,000 Hz</u>
CHANNEL:	<u>100</u>
REFERENCE VOLTAGE:	<u>220 VAC</u>

Voltage (%)	Power (VAC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100	220	+20(Ref)	5 500 020	20.4
100		-30	5 500 009	8.5
100		-20	5 500 008	7.9
100		-10	5 500 008	8.2
100		0	5 500 004	4.0
100		+10	5 500 019	18.7
100		+30	5 500 013	13.4
100		+40	5 500 014	13.9
100		+50	5 500 016	16.4
115	253	+20	5 500 019	18.5
85	187	+20	5 500 019	19.0

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

Monitoring Port

OPERATING BAND: UNII Band 2
OPERATING FREQUENCY: 5,260,000,000 Hz
CHANNEL: 52
REFERENCE VOLTAGE: AC 220 V

Voltage (%)	Power (VAC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100	220	+20(Ref)	5 259 973	-26.8
100		-30	5 259 983	-16.9
100		-20	5 259 982	-18.1
100		-10	5 259 981	-19.4
100		0	5 259 977	-22.9
100		+10	5 259 975	-24.7
100		+30	5 259 974	-26.4
100		+40	5 259 978	-22.5
100		+50	5 259 978	-21.9
115	253	+20	5 259 975	-25.1
85	187	+20	5 259 976	-23.9

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

OPERATING BAND:	UNII Band 2e
OPERATING FREQUENCY:	5,500,000,000 Hz
CHANNEL:	100
REFERENCE VOLTAGE:	AC 220 V

Voltage (%)	Power (VAC)	Temp. (°C)	Frequency (kHz)	Frequency Error (kHz)
100	220	+20(Ref)	5 499 974	-25.6
100		-30	5 499 985	-15.2
100		-20	5 499 984	-16.4
100		-10	5 499 983	-17.3
100		0	5 499 979	-20.8
100		+10	5 499 977	-23.4
100		+30	5 499 977	-22.7
100		+40	5 499 975	-25.0
100		+50	5 499 978	-22.4
115	253	+20	5 499 976	-23.8
85	187	+20	5 499 975	-25.1

Note:

Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency error noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

8.7 RADIATED MEASUREMENT.

8.7.1 RADIATED SPURIOUS EMISSIONS.

Test Requirements and limit, §15.205, §15.209, §15.407

Frequency (MHz)	Field Strength (uV/m)	Measurement Distance (m)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

■ §15.407, KDB 789033

All harmonics that do not lie in a restricted band are subject to a peak limit of -27 dBm/MHz. At a distance of 3 meters the field strength limit in dBµV/m can be determined by adding a “conversion” factor of 95.2 dB to the EIRP limit of -27 dBm/MHz to obtain the limit for out of band spurious emissions of 68.2 dBµV/m.

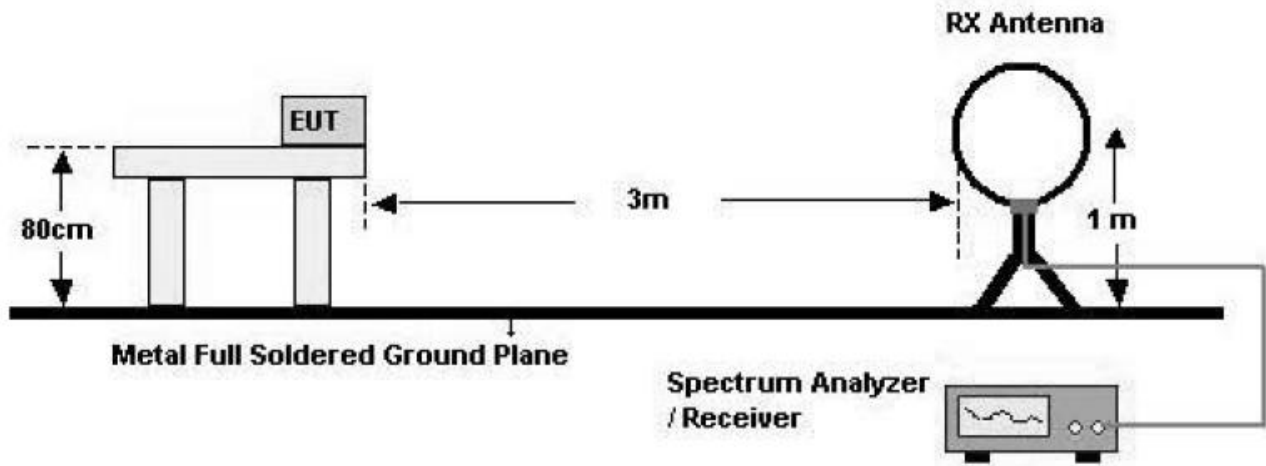
■ Test case

Monitoring	SISO	Ant 1
		Ant 2
Service	SISO	Ant 1 & 2
		Ant 1
		Ant 2
	MIMO	Ant 3
		Ant 1 & 2
		Ant 1 & 2 & 3

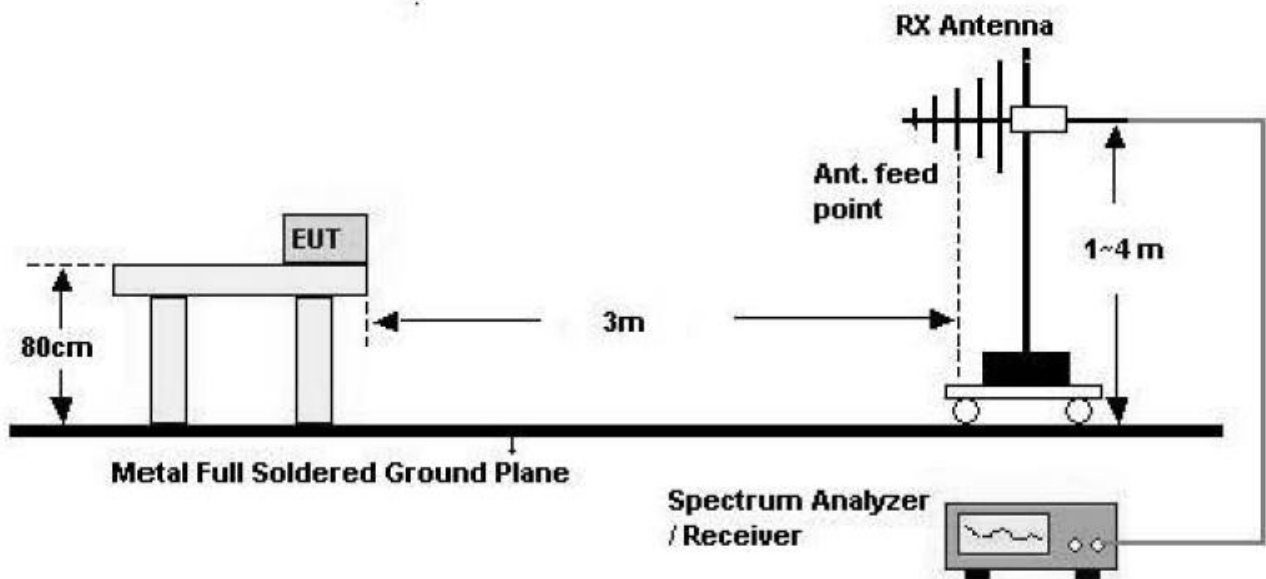
Note : We have done all test case. Worst case is Ant 1 & 2 for monitoring and Ant 1 & 2 & 3 for service. So, we attached the results of only worst case.

Test Configuration

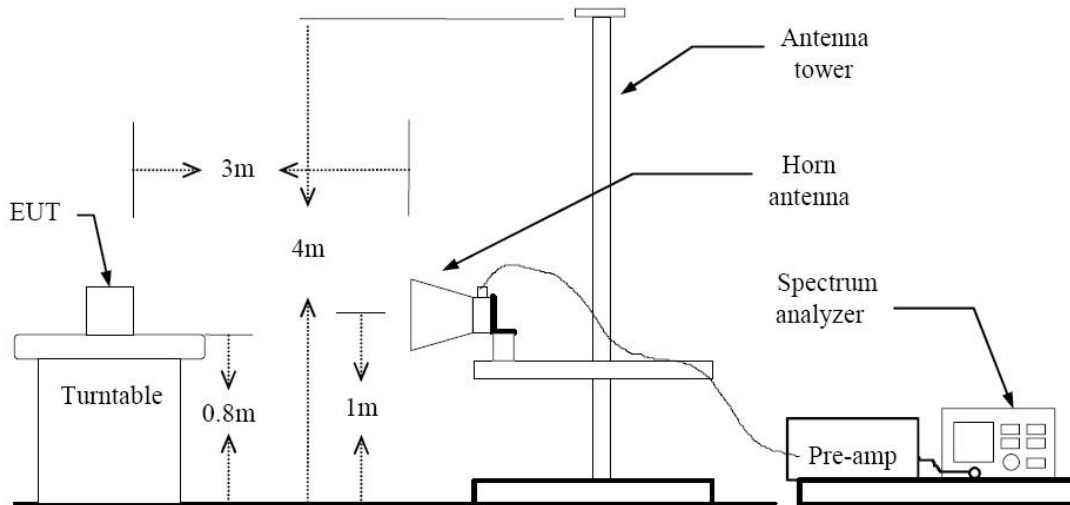
Below 30 MHz



30 MHz - 1 GHz



Above 1 GHz



TEST PROCEDURE USED

ANSI C63.4(2003)

Method H)5) in KDB 789033, issued 04/08/2013 (Peak)

Method H)6)d) in KDB 789033, issued 04/08/2013 (Average)

. Spectrum setting:

- Peak.

1. RBW = 1 MHz

2. VBW $\geq$ 3 MHz

3. Detector = Peak

4. Sweep Time = auto

5. Trace mode = max hold

6. Allow sweeps to continue until the trace stabilizes.

7. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle.

- Average (Method VB :Averaging using reduced video bandwidth)

1. RBW = 1 MHz

2. VBW

2.1. If the EUT is configured to transmit with duty cycle $\geq$ 98 percent, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz.

2.2. If the EUT duty cycle is $<$ 98 percent, set $VBW \geq 1/T$, where T is the minimum transmission duration.

3. The analyzer is set to linear detector mode.

4. Detector = Peak.

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5. Sweep time = auto.
6. Trace mode = max hold.
7. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98 percent duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of 1/x, where x is the duty cycle.

Note :

1. We used the case 2 for 802.11a/n_20/n_40 to perform the average field strength measurements for RSE and radiated band edge test.
2. The actual setting value of VBW for 802.11a/n_20/n_40.

Monitoring

Mode	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle (%)	VBW(1/T) (Hz)	The actual setting value of VBW (Hz)
a	6	2.020	2.070	97.6	495.0	1000
n_20	6.5	1.885	1.930	97.7	530.5	1000
n_40	13.5	0.926	0.960	96.5	1079.9	3000

Service

Mode	Worst Data rate (Mbps)	T _{on} (ms)	T _{total} (ms)	Duty Cycle (%)	VBW(1/T) (Hz)	The actual setting value of VBW (Hz)
a	6	1.335	1.405	95.0	749.1	1000
n_20	6.5	1.269	1.317	96.4	788.0	1000
n_40	13.5	0.630	0.664	94.9	1587.3	3000

TEST RESULTS

9 kHz – 30MHz

Operation Mode: Normal Mode

Frequency	Reading	Ant. factor	Cable loss	Ant. POL	Total	Limit	Margin
MHz	dB μ V	dB /m	dB	(H/V)	dB μ V/m	dB μ V/m	dB
No Critical peaks found							

Notes:

1. Measuring frequencies from 9 kHz to the 30MHz.
2. The reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
3. Distance extrapolation factor = 40 log (specific distance / test distance) (dB)
4. Limit line = specific Limits (dBuV) + Distance extrapolation factor
5. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

TEST RESULTS

Below 1 GHz

Operation Mode: Normal Mode

Frequency	Reading	Ant. factor	Cable loss	Ant. POL	Total	Limit	Margin
MHz	dB μ V	dB /m	dB	(H/V)	dB μ V/m	dB μ V/m	dB
No Critical peaks found							

Notes:

1. Measuring frequencies from 30 MHz to the 1 GHz.
2. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode.
3. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Above 1 GHz

Monitoring MIMO(Ant 1 & 2)

Band :	UNII 2
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10520	39.65	10.38	V	50.03	68.20	18.17	PK
15780	46.13	14.38	V	60.51	73.98	13.47	PK
15780	32.15	14.38	V	46.53	53.98	7.45	AV
10520	40.25	10.38	H	50.63	68.20	17.57	PK
15780	46.55	14.38	H	60.93	73.98	13.05	PK
15780	32.45	14.38	H	46.83	53.98	7.15	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10600	42.15	10.39	V	52.54	73.98	21.44	PK
10600	28.12	10.39	V	38.51	53.98	15.47	AV
15900	46.98	14.00	V	60.98	73.98	13.00	PK
15900	32.40	14.00	V	46.40	53.98	7.58	AV
10600	40.56	10.39	H	50.95	73.98	23.03	PK
10600	26.77	10.39	H	37.16	53.98	16.82	AV
15900	46.00	14.00	H	60.00	73.98	13.98	PK
15900	32.35	14.00	H	46.35	53.98	7.63	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10640	41.21	10.50	V	51.71	73.98	22.27	PK
10640	27.49	10.50	V	37.99	53.98	15.99	AV
15960	46.61	14.27	V	60.88	73.98	13.10	PK
15960	32.32	14.27	V	46.59	53.98	7.39	AV
10640	40.69	10.50	H	51.19	73.98	22.79	PK
10640	26.54	10.50	H	37.04	53.98	16.94	AV
15960	45.99	14.27	H	60.26	73.98	13.72	PK
15960	32.15	14.27	H	46.42	53.98	7.56	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10520	39.85	10.38	V	50.23	68.20	17.97	PK
15780	46.88	14.38	V	61.26	73.98	12.72	PK
15780	32.20	14.38	V	46.58	53.98	7.40	AV
10520	40.15	10.38	H	50.53	68.20	17.67	PK
15780	46.50	14.38	H	60.88	73.98	13.10	PK
15780	32.24	14.38	H	46.62	53.98	7.36	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10600	41.51	10.39	V	51.90	73.98	22.08	PK
10600	27.41	10.39	V	37.80	53.98	16.18	AV
15900	46.66	14.00	V	60.66	73.98	13.32	PK
15900	32.15	14.00	V	46.15	53.98	7.83	AV
10600	40.05	10.39	H	50.44	73.98	23.54	PK
10600	26.07	10.39	H	36.46	53.98	17.52	AV
15900	46.03	14.00	H	60.03	73.98	13.95	PK
15900	32.14	14.00	H	46.14	53.98	7.84	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10640	40.59	10.50	V	51.09	73.98	22.89	PK
10640	26.74	10.50	V	37.24	53.98	16.74	AV
15960	46.15	14.27	V	60.42	73.98	13.56	PK
15960	32.08	14.27	V	46.35	53.98	7.63	AV
10640	39.88	10.50	H	50.38	73.98	23.60	PK
10640	26.01	10.50	H	36.51	53.98	17.47	AV
15960	46.55	14.27	H	60.82	73.98	13.16	PK
15960	32.31	14.27	H	46.58	53.98	7.40	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10540	39.64	10.55	V	50.19	68.20	18.01	PK
15810	46.15	14.26	V	60.41	73.98	13.57	PK
15810	32.08	14.26	V	46.34	53.98	7.64	AV
10540	39.05	10.55	H	49.60	68.20	18.60	PK
15810	46.59	14.26	H	60.85	73.98	13.13	PK
15810	32.11	14.26	H	46.37	53.98	7.61	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10620	39.97	10.25	V	50.22	73.98	23.76	PK
10620	25.52	10.25	V	35.77	53.98	18.21	AV
15930	45.59	13.62	V	59.21	73.98	14.77	PK
15930	32.11	13.62	V	45.73	53.98	8.25	AV
10620	39.55	10.25	H	49.80	73.98	24.18	PK
10620	25.43	10.25	H	35.68	53.98	18.30	AV
15930	45.32	13.62	H	58.94	73.98	15.04	PK
15930	32.13	13.62	H	45.75	53.98	8.23	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11000	39.42	11.28	V	50.70	73.98	23.28	PK
11000	25.42	11.28	V	36.70	53.98	17.28	AV
16500	46.58	14.19	V	60.77	68.20	7.43	PK
11000	39.65	11.28	H	50.93	73.98	23.05	PK
11000	25.86	11.28	H	37.14	53.98	16.84	AV
16500	47.02	14.19	H	61.21	68.20	6.99	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11200	39.51	10.87	V	50.38	73.98	23.60	PK
11200	25.36	10.87	V	36.23	53.98	17.75	AV
16800	45.63	17.15	V	62.78	68.20	5.42	PK
11200	39.47	10.87	H	50.34	73.98	23.64	PK
11200	25.33	10.87	H	36.20	53.98	17.78	AV
16800	45.77	17.15	H	62.92	68.20	5.28	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5700 MHz
Channel No.	140 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11400	40.01	10.97	V	50.98	73.98	23.00	PK
11400	25.79	10.97	V	36.76	53.98	17.22	AV
17100	46.03	17.82	V	63.85	68.20	4.35	PK
11400	39.60	10.97	H	50.57	73.98	23.41	PK
11400	25.88	10.97	H	36.85	53.98	17.13	AV
17100	46.10	17.82	H	63.92	68.20	4.28	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11000	39.08	11.28	V	50.36	73.98	23.62	PK
11000	25.48	11.28	V	36.76	53.98	17.22	AV
16500	46.29	14.19	V	60.48	68.20	7.72	PK
11000	39.03	11.28	H	50.31	73.98	23.67	PK
11000	25.28	11.28	H	36.56	53.98	17.42	AV
16500	46.58	14.19	H	60.77	68.20	7.43	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11200	39.66	10.87	V	50.53	73.98	23.45	PK
11200	25.37	10.87	V	36.24	53.98	17.74	AV
16800	46.01	17.15	V	63.16	68.20	5.04	PK
11200	39.88	10.87	H	50.75	73.98	23.23	PK
11200	25.47	10.87	H	36.34	53.98	17.64	AV
16800	46.35	17.15	H	63.50	68.20	4.70	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5700 MHz
Channel No.	140 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11400	39.44	10.97	V	50.41	73.98	23.57	PK
11400	25.63	10.97	V	36.60	53.98	17.38	AV
17100	45.97	17.82	V	63.79	68.20	4.41	PK
11400	40.12	10.97	H	51.09	73.98	22.89	PK
11400	25.70	10.97	H	36.67	53.98	17.31	AV
17100	46.87	17.82	H	64.69	68.20	3.51	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11020	39.66	11.28	V	50.94	73.98	23.04	PK
11020	25.19	11.28	V	36.47	53.98	17.51	AV
16530	45.98	14.83	V	60.81	68.20	7.39	PK
11020	39.99	11.28	H	51.27	73.98	22.71	PK
11020	25.20	11.28	H	36.48	53.98	17.50	AV
16530	45.34	14.83	H	60.17	68.20	8.03	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5590 MHz
Channel No.	118 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11180	39.87	11.12	V	50.99	73.98	22.99	PK
11180	25.88	11.12	V	37.00	53.98	16.98	AV
16770	47.04	16.52	V	63.56	68.20	4.64	PK
11180	40.56	11.12	H	51.68	73.98	22.30	PK
11180	25.90	11.12	H	37.02	53.98	16.96	AV
16770	46.52	16.52	H	63.04	68.20	5.16	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5670 MHz
Channel No.	134 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11340	40.03	10.86	V	50.89	73.98	23.09	PK
11340	25.70	10.86	V	36.56	53.98	17.42	AV
17010	46.58	18.15	V	64.73	68.20	3.47	PK
11340	39.44	10.86	H	50.30	73.98	23.68	PK
11340	25.99	10.86	H	36.85	53.98	17.13	AV
17010	47.02	18.15	H	65.17	68.20	3.03	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Service MIMO(Ant 1 & 2 & 3)

Band :	UNII 2
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10520	53.65	10.38	V	64.03	68.20	4.17	PK
15780	46.03	14.38	V	60.41	73.98	13.57	PK
15780	32.14	14.38	V	46.52	53.98	7.46	AV
10520	54.56	10.38	H	64.94	68.20	3.26	PK
15780	46.15	14.38	H	60.53	73.98	13.45	PK
15780	32.19	14.38	H	46.57	53.98	7.41	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10600	54.66	10.39	V	65.05	73.98	8.93	PK
10600	39.32	10.39	V	49.71	53.98	4.27	AV
15900	46.55	14.00	V	60.55	73.98	13.43	PK
15900	32.41	14.00	V	46.41	53.98	7.57	AV
10600	55.23	10.39	H	65.62	73.98	8.36	PK
10600	40.19	10.39	H	50.58	53.98	3.40	AV
15900	46.98	14.00	H	60.98	73.98	13.00	PK
15900	32.56	14.00	H	46.56	53.98	7.42	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10640	55.01	10.50	V	65.51	73.98	8.47	PK
10640	39.84	10.50	V	50.34	53.98	3.64	AV
15960	46.54	14.27	V	60.81	73.98	13.17	PK
15960	32.09	14.27	V	46.36	53.98	7.62	AV
10640	55.69	10.50	H	66.19	73.98	7.79	PK
10640	40.43	10.50	H	50.93	53.98	3.05	AV
15960	46.87	14.27	H	61.14	73.98	12.84	PK
15960	32.33	14.27	H	46.60	53.98	7.38	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5260 MHz
Channel No.	52 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10520	54.62	10.38	V	65.00	68.20	3.20	PK
15780	46.35	14.38	V	60.73	73.98	13.25	PK
15780	32.18	14.38	V	46.56	53.98	7.42	AV
10520	53.88	10.38	H	64.26	68.20	3.94	PK
15780	46.52	14.38	H	60.90	73.98	13.08	PK
15780	32.09	14.38	H	46.47	53.98	7.51	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5300 MHz
Channel No.	60 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10600	54.92	10.39	V	65.31	73.98	8.67	PK
10600	40.15	10.39	V	50.54	53.98	3.44	AV
15900	46.01	14.00	V	60.01	73.98	13.97	PK
15900	32.09	14.00	V	46.09	53.98	7.89	AV
10600	53.99	10.39	H	64.38	73.98	9.60	PK
10600	39.55	10.39	H	49.94	53.98	4.04	AV
15900	45.88	14.00	H	59.88	73.98	14.10	PK
15900	31.98	14.00	H	45.98	53.98	8.00	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5320 MHz
Channel No.	64 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10640	55.35	10.50	V	65.85	73.98	8.13	PK
10640	40.06	10.50	V	50.56	53.98	3.42	AV
15960	46.55	14.27	V	60.82	73.98	13.16	PK
15960	32.19	14.27	V	46.46	53.98	7.52	AV
10640	55.02	10.50	H	65.52	73.98	8.46	PK
10640	39.54	10.50	H	50.04	53.98	3.94	AV
15960	46.59	14.27	H	60.86	73.98	13.12	PK
15960	32.44	14.27	H	46.71	53.98	7.27	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5270 MHz
Channel No.	54 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10540	54.50	10.55	V	65.05	68.20	3.15	PK
15810	46.93	14.26	V	61.19	73.98	12.79	PK
15810	32.41	14.26	V	46.67	53.98	7.31	AV
10540	54.06	10.55	H	64.61	68.20	3.59	PK
15810	47.56	14.26	H	61.82	73.98	12.16	PK
15810	32.56	14.26	H	46.82	53.98	7.16	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5310 MHz
Channel No.	62 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
10620	54.93	10.25	V	65.18	73.98	8.80	PK
10620	40.26	10.25	V	50.51	53.98	3.47	AV
15930	46.35	13.62	V	59.97	73.98	14.01	PK
15930	32.15	13.62	V	45.77	53.98	8.21	AV
10620	54.06	10.25	H	64.31	73.98	9.67	PK
10620	39.57	10.25	H	49.82	53.98	4.16	AV
15930	46.55	13.62	H	60.17	73.98	13.81	PK
15930	32.09	13.62	H	45.71	53.98	8.27	AV

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11000	54.11	11.28	V	65.39	73.98	8.59	PK
11000	39.06	11.28	V	50.34	53.98	3.64	AV
16500	45.67	14.19	V	59.86	68.20	8.34	PK
11000	51.88	11.28	H	63.16	73.98	10.82	PK
11000	36.33	11.28	H	47.61	53.98	6.37	AV
16500	45.88	14.19	H	60.07	68.20	8.13	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11200	55.00	10.87	V	65.87	73.98	8.11	PK
11200	39.50	10.87	V	50.37	53.98	3.61	AV
16800	46.21	17.15	V	63.36	68.20	4.84	PK
11200	53.45	10.87	H	64.32	73.98	9.66	PK
11200	37.45	10.87	H	48.32	53.98	5.66	AV
16800	46.39	17.15	H	63.54	68.20	4.66	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 a
Transfer Rate:	6 Mbps
Operating Frequency	5700 MHz
Channel No.	140 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11400	55.99	10.97	V	66.96	73.98	7.02	PK
11400	39.49	10.97	V	50.46	53.98	3.52	AV
17100	46.50	17.82	V	64.32	68.20	3.88	PK
11400	53.26	10.97	H	64.23	73.98	9.75	PK
11400	37.99	10.97	H	48.96	53.98	5.02	AV
17100	46.03	17.82	H	63.85	68.20	4.35	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11a. Worst case is 6 Mbps in 802.11a.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5500 MHz
Channel No.	100 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11000	54.36	11.28	V	65.64	73.98	8.34	PK
11000	38.80	11.28	V	50.08	53.98	3.90	AV
16500	46.23	14.19	V	60.42	68.20	7.78	PK
11000	52.99	11.28	H	64.27	73.98	9.71	PK
11000	37.02	11.28	H	48.30	53.98	5.68	AV
16500	45.96	14.19	H	60.15	68.20	8.05	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5600 MHz
Channel No.	120 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11200	55.36	10.87	V	66.23	73.98	7.75	PK
11200	39.81	10.87	V	50.68	53.98	3.30	AV
16800	47.33	17.15	V	64.48	68.20	3.72	PK
11200	53.65	10.87	H	64.52	73.98	9.46	PK
11200	37.77	10.87	H	48.64	53.98	5.34	AV
16800	47.52	17.15	H	64.67	68.20	3.53	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11 n_20 MHz BW
Transfer Rate:	6.5 Mbps
Operating Frequency	5700 MHz
Channel No.	140 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11400	56.07	10.97	V	67.04	73.98	6.94	PK
11400	39.48	10.97	V	50.45	53.98	3.53	AV
17100	46.87	17.82	V	64.69	68.20	3.51	PK
11400	54.03	10.97	H	65.00	73.98	8.98	PK
11400	37.48	10.97	H	48.45	53.98	5.53	AV
17100	46.59	17.82	H	64.41	68.20	3.79	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_20 MHz BW. Worst case is 6.5 Mbps in 802.11n_20 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5510 MHz
Channel No.	102 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11020	54.50	11.28	V	65.78	73.98	8.20	PK
11020	38.82	11.28	V	50.10	53.98	3.88	AV
16530	46.51	14.83	V	61.34	68.20	6.86	PK
11020	52.12	11.28	H	63.40	73.98	10.58	PK
11020	36.99	11.28	H	48.27	53.98	5.71	AV
16530	47.00	14.83	H	61.83	68.20	6.37	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5590 MHz
Channel No.	118 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11180	55.22	11.12	V	66.34	73.98	7.64	PK
11180	39.34	11.12	V	50.46	53.98	3.52	AV
16770	46.52	16.52	V	63.04	68.20	5.16	PK
11180	54.00	11.12	H	65.12	73.98	8.86	PK
11180	37.44	11.12	H	48.56	53.98	5.42	AV
16770	46.57	16.52	H	63.09	68.20	5.11	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.

Band :	UNII 2e
Operation Mode:	802.11n_40 MHz BW
Transfer Rate:	13.5 Mbps
Operating Frequency	5670 MHz
Channel No.	134 Ch

Frequency [MHz]	Reading dBuV	AN.+CL-Amp G. [dB]	ANT. POL [H/V]	Total [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Detect
11340	55.38	10.86	V	66.24	73.98	7.74	PK
11340	39.26	10.86	V	50.12	53.98	3.86	AV
17010	46.71	18.15	V	64.86	68.20	3.34	PK
11340	53.68	10.86	H	64.54	73.98	9.44	PK
11340	38.00	10.86	H	48.86	53.98	5.12	AV
17010	46.89	18.15	H	65.04	68.20	3.16	PK

Notes:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
3. Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
4. Total = Reading Value + Antenna Factor + Cable Loss - Amp Gain
5. We have done all data rate in 802.11n_40 MHz BW. Worst case is 13.5 Mbps in 802.11n_40 MHz BW.
6. We have done x, y, z planes in EUT and horizontal and vertical polarization in detecting antenna.