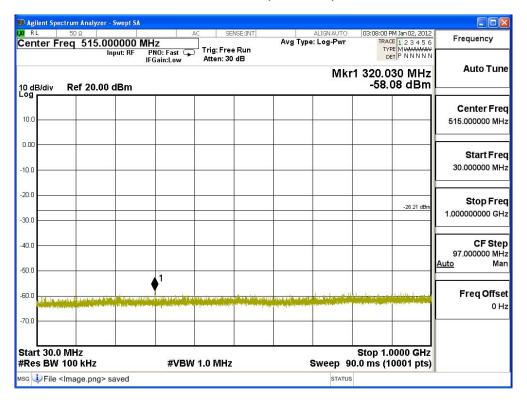
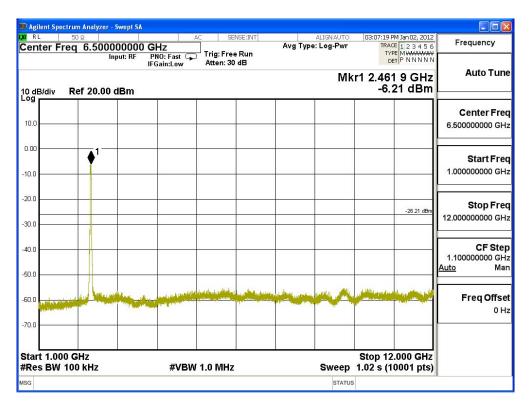


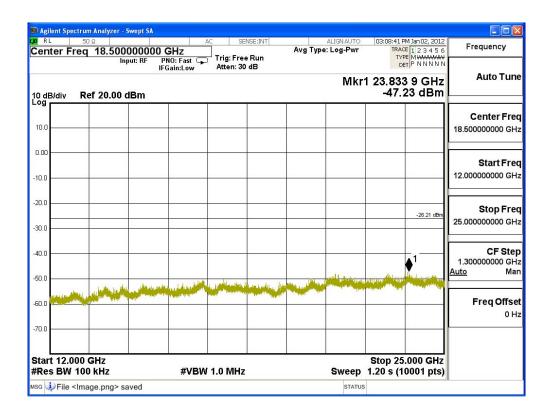


Channel 07 (2452MHz)











6. Band Edge

6.1. Test Equipment

RF Conducted Measurement

The following test equipments are used during the band edge tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2011
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2011
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2011

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

RF Radiated Measurement:

The following test equipments are used during the band edge tests:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
⊠Site # 3		Bilog Antenna	Schaffner Chase	CBL6112B/2673	Sep., 2011
	X	Horn Antenna	Schwarzbeck	BBHA9120D/D305	Sep., 2011
		Horn Antenna	Schwarzbeck	BBHA9170/208	Jul., 2011
	X	Pre-Amplifier	Agilent	8447D/2944A09549	Sep., 2011
	X	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2011
		Test Receiver	R & S	ESCS 30/ 825442/018	Sep., 2011
	X	Coaxial Cable	QuieTek	QTK-CABLE/ CAB5	Feb., 2012
	X	Controller	QuieTek	QTK-CONTROLLER/ CTRL3	N/A
	X	Coaxial Switch	Anritsu	MP59B/6200265729	N/A

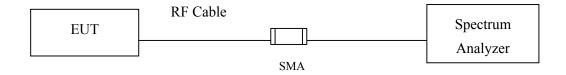
Note:

- 1. All instruments are calibrated every one year.
- 2. The test instruments marked by "X" are used to measure the final test results.

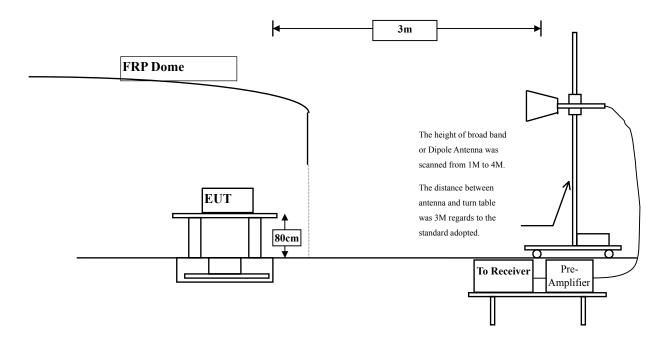


6.2. Test Setup

RF Conducted Measurement



RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.



6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Mar. 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

6.5. Uncertainty

- ± 3.9 dB above 1GHz
- ± 3.8 dB below 1GHz



6.6. Test Result of Band Edge

Product : iDEA⁺ Docking Station

Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11b 1Mbps)

Fundamental Filed Strength

Antenna Pole	Frequency [MHz]	Correction Factor [dB/m]	Reading Level [dBuV]	Emission Level [dBuV/m]	Detector
Horizontal	2412	31.639	67.41	99.048	Peak
Horizontal	2412	31.639	63.43	95.068	Average
Vertical	2412	30.95	69.8	100.749	Peak
Vertical	2412	30.95	64.75	95.699	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2386.5	99.048	52.56	46.488	74.000	Peak
Horizontal	2386	95.068	60.03	35.038	54.000	Average
Vertical	2386.5	100.749	52.56	48.189	74.000	Peak
Vertical	2386	95.699	60.03	35.669	54.000	Average

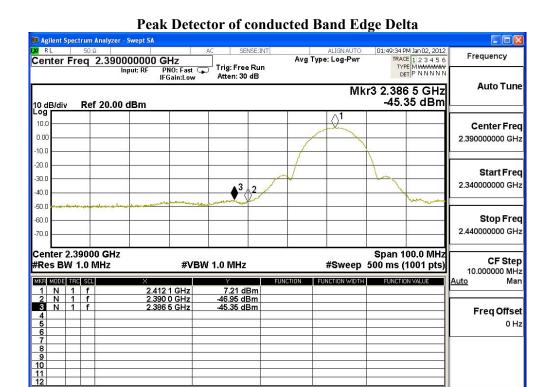
Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

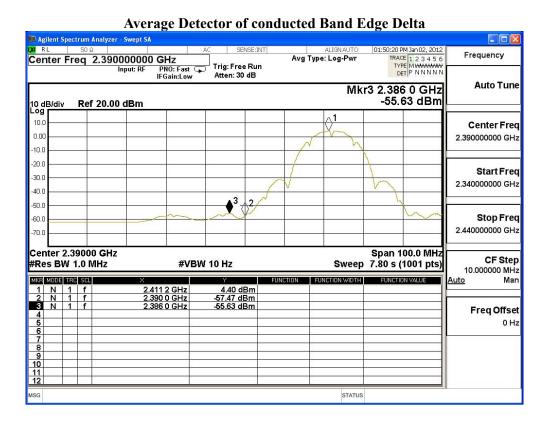
Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)





STATUS





Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11b 1Mbps)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2462	32.019	67.52	99.539	Peak
Horizontal	2462	32.019	63.7	95.719	Average
Vertical	2462	31.29	70.34	101.63	Peak
Vertical	2462	31.29	66.27	97.56	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2488.4	99.539	50.06	49.479	74.000	Peak
Horizontal	2490.3	95.719	56.59	39.129	54.000	Average
Vertical	2488.4	101.63	50.06	51.57	74.000	Peak
Vertical	2490.3	97.56	56.59	40.97	54.000	Average

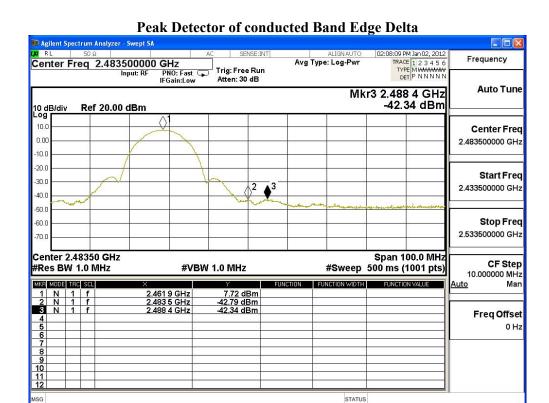
Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)





Average Detector of conducted Band Edge Delta 🗎 Agilent Spectrum Analyzer - S N RL 50 Ω Center Freq 2.483500000 GHz Frequency Avg Type: Log-Pwr Tria: Free Run **Auto Tune** Mkr3 2.490 3 GHz 10 dB/div Log -51.62 dBm Ref 20.00 dBm 10.0 Center Freq 2.483500000 GHz -10.0 -20.0 Start Freq -30.0 2.433500000 GHz -40.0 -50.0 -60.0 Stop Freq 2.533500000 GHz -70.0 Center 2.48350 GHz #Res BW 1.0 MHz Span 100.0 MHz **CF Step #VBW 10 Hz** Sweep 7.80 s (1001 pts) 10.000000 MHz MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f Man 4.97 dBm -51.84 dBm -51.62 dBm Freq Offset 0 Hz



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11g 6Mbps)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2412	31.639	66.09	97.728	Peak
Horizontal	2412	31.639	56.75	88.388	Average
Vertical	2412	30.95	68.23	99.179	Peak
Vertical	2412	30.95	58.52	89.469	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2389.9	97.728	36.52	61.208	74.000	Peak
Horizontal	2390	88.388	47.55	40.838	54.000	Average
Vertical	2389.9	99.179	36.52	62.659	74.000	Peak
Vertical	2390	89.469	47.55	41.919	54.000	Average

Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)

 Δ = Conducted Band Edge Delta (Peak or Average)

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Peak Detector of conducted Band Edge Delta Agilent Spectrum Analyzer - Swept Frequency Center Freq 2.390000000 GHz Avg Type: Log-Pwr Trig: Free Run Atten: 30 dB PNO: Fast G **Auto Tune** Mkr3 2.389 9 GHz -29.62 dBm 10 dB/div Log Ref 20.00 dBm 10.0 Center Freq 0.00 2.390000000 GHz -10.0 -20.0 Start Freq -30.0 2.340000000 GHz -40.0 -50.0 Stop Freq -60.0 2.440000000 GHz -70.0 Center 2.39000 GHz Span 100.0 MHz **CF Step** #Res BW 1.0 MHz **#VBW 1.0 MHz** 500 ms (1001 pts) 10.000000 MHz MKR MODE TRC SCL Auto 2.415 1 GHz 2.390 0 GHz 2.389 9 GHz 6.90 dBm -29.71 dBm -29.62 dBm 1 N 1 f 2 N 1 f 3 N 1 f Freq Offset 0 Hz

STATUS

Average Detector of conducted Band Edge Delta 🗎 Agilent Spectrum Analyzer - Swept SA 03:24:38 PM Jan 02, 2012 Frequency Center Freq 2.390000000 GHz Avg Type: Log-Pwr Trig: Free Run Atten: 30 dB PNO: Fast 😱 IFGain:Low **Auto Tune** Mkr2 2.390 0 GHz -49.39 dBm Ref 20.00 dBm Center Freq 0.00 2.390000000 GHz 10.0 -20.0 Start Freq -30.0 2.340000000 GHz -40.0 -50.0 Stop Freq -60.0 2.440000000 GHz -70.0 Center 2.39000 GHz Span 100.0 MHz CF Step #Res BW 1.0 MHz Sweep 7.80 s (1001 pts) **#VBW 10 Hz** 10.000000 MHz MKR MODE TRC SCL FUNCTION FUNCTION WIDTH FUNCTION VALUE -1.84 dBm -49.39 dBm 1 N 1 f 2 N 1 f 2.416 2 GHz 2.390 0 GHz Freq Offset 0 Hz 7 8 9 10 11 12 STATUS



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11g 6Mbps)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2462	31.29	66.22	97.51	Peak
Horizontal	2462	31.29	56.97	88.26	Average
Vertical	2462	31.29	69.03	100.32	Peak
Vertical	2462	31.29	59.61	90.9	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2483.9	97.51	37.05	60.46	74.000	Peak
Horizontal	2483.5	88.26	45.63	42.63	54.000	Average
Vertical	2483.9	100.32	37.05	63.27	74.000	Peak
Vertical	2483.5	90.9	45.63	45.27	54.000	Average

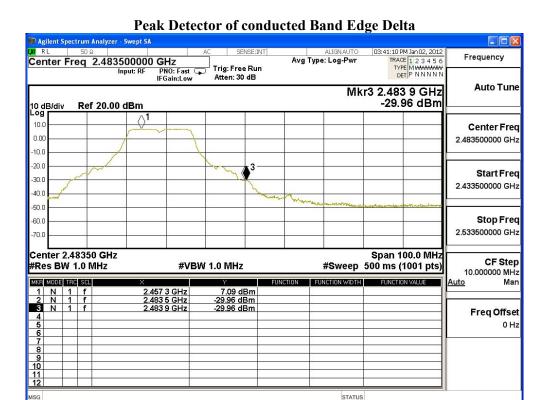
Note:

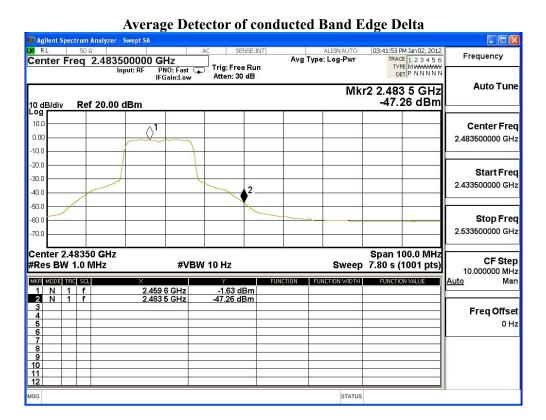
The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)









Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2412	31.639	66.74	98.378	Peak
Horizontal	2412	31.639	56.45	88.088	Average
Vertical	2412	30.95	68.75	99.699	Peak
Vertical	2412	30.95	58.31	89.259	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2390	98.378	30.11	68.268	74.000	Peak
Horizontal	2390	88.088	44.86	43.228	54.000	Average
Vertical	2390	99.699	30.11	69.589	74.000	Peak
Vertical	2390	89.259	44.86	44.399	54.000	Average

Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)

 Δ = Conducted Band Edge Delta (Peak or Average)

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Peak Detector of conducted Band Edge Delta Agilent Spectrum Analyzer - Swept S 02:22:18 PM Jan 02, 2012 ALIGNAUTO
Avg Type: Log-Pwr Frequency Center Freq 2.390000000 GHz RACE 123456 TYPE MWWWWW DET PNNNN Trig: Free Run Atten: 30 dB PNO: Fast IFGain:Low **Auto Tune** Mkr2 2.390 0 GHz -22.80 dBm Ref 20.00 dBm 10.0 Center Freq 0.00 2.390000000 GHz -10.0 -20.0 Start Freq -30.0 2.340000000 GHz -40.0 -50.0 Stop Freq -60.0 2.440000000 GHz Center 2.39000 GHz Span 100.0 MHz **CF Step** #Sweep 500 ms (1001 pts) #Res BW 1.0 MHz **#VBW 1.0 MHz** 10.000000 MHz MKR MODE TRC SCL Auto Man 1 N 1 f 2 N 1 f 2.408 9 GHz 2.390 0 GHz 7.30 dBm -22.80 dBm Freq Offset 0 Hz 8 9 10 11 12

STATUS

Average Detector of conducted Band Edge Delta 🗎 Agilent Spectrum Analyzer - Swept SA Center Freq 2.390000000 GHz Frequency Avg Type: Log-Pwr Tria: Free Run Atten: 30 dB **Auto Tune** Mkr2 2.390 0 GHz -47.01 dBm Ref 20.00 dBm 10.0 Center Freq 0.00 2.390000000 GHz -10.0 -20.0 Start Freq -30.0 2.340000000 GHz -4n n -50.0 -60.0 Stop Freq 2.440000000 GHz Center 2.39000 GHz Span 100.0 MHz **CF Step** #Res BW 1.0 MHz **#VBW 10 Hz** Sweep 7.80 s (1001 pts) 10.000000 MHz 0 Man MKR MODE TRC SCL FUNCTION FUNCTION WIDTH FUNCTION VALUE -2.15 dBm -47.01 dBm Freq Offset 0 Hz



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2462	32.019	66.91	98.929	Peak
Horizontal	2462	32.019	56.48	88.499	Average
Vertical	2462	31.29	69.65	100.94	Peak
Vertical	2462	31.29	59.31	90.6	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2483.5	98.929	32.9	66.029	74.000	Peak
Horizontal	2483.5	88.499	43.15	45.349	54.000	Average
Vertical	2483.5	100.94	32.9	68.04	74.000	Peak
Vertical	2483.5	90.6	43.15	47.45	54.000	Average

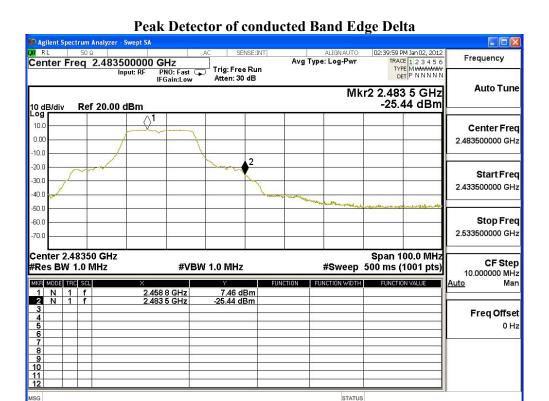
Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)





Average Detector of conducted Band Edge Delta 🗎 Agilent Spectrum Analyzer - Swept SA Center Freq 2.483500000 GHz Frequency Avg Type: Log-Pwr Tria: Free Run Atten: 30 dB **Auto Tune** Mkr2 2.483 5 GHz -45.03 dBm Ref 20.00 dBm 10.0 Center Freq 0.00 2.483500000 GHz -10.0 -20.0 Start Freq -30.0 2.433500000 GHz -4n n -50.0 -60.0 Stop Freq 2.533500000 GHz Center 2.48350 GHz Span 100.0 MHz **CF Step** #Res BW 1.0 MHz **#VBW 10 Hz** Sweep 7.80 s (1001 pts) 10.000000 MHz 0 Man MKR MODE TRC SCL FUNCTION FUNCTION WIDTH FUNCTION VALUE -1.88 dBm -45.03 dBm Freq Offset 0 Hz



Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2422	31.715	63.09	94.805	Peak
Horizontal	2422	31.715	53.25	84.965	Average
Vertical	2422	31.017	65.61	96.627	Peak
Vertical	2422	31.017	55.57	86.587	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2389	94.805	29.88	64.925	74.000	Peak
Horizontal	2390	84.965	37.78	47.185	54.000	Average
Vertical	2389	96.627	29.88	66.747	74.000	Peak
Vertical	2390	86.587	37.78	48.807	54.000	Average

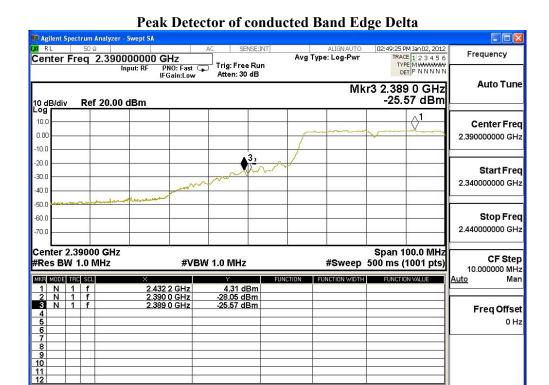
Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

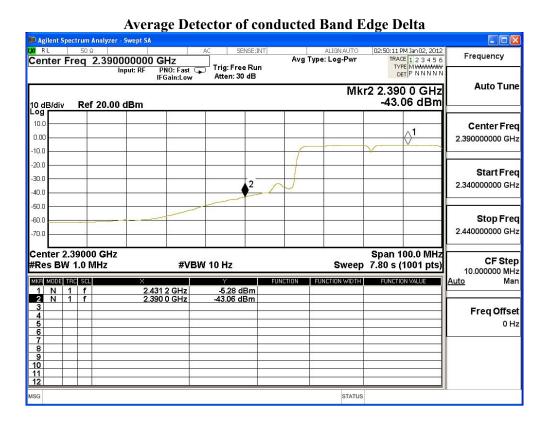
Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)





STATUS





Test Item : Band Edge Data
Test Site : No.3 OATS

Test Mode : Mode 4: Transmit (802.11n MCS0 15Mbps 40M-BW)

Fundamental Filed Strength

Antenna	Frequency	Correction Factor	Reading Level	Emission Level	Detector
Pole	[MHz]	[dB/m]	[dBuV]	[dBuV/m]	
Horizontal	2452	31.222	63.72	94.942	Peak
Horizontal	2452	31.222	53.79	85.012	Average
Vertical	2452	31.222	66.19	97.412	Peak
Vertical	2452	31.222	56.16	87.382	Average

Note: 1:Spectrum Analyzer setting:

Peak detector: RBW=1MHz, VBW=1MHz Average detector: RBW=1MHz, VBW=10Hz

Band Edge Test Data

Antenna Pole	Test Frequency (MHz)	Fundamental (dBuV/m)	Δ (dB)	Band Edge Field Strength (dBuV/m)	Limit (dBuV/m)	Detector
Horizontal	2488	94.942	30.11	64.832	74.000	Peak
Horizontal	2483.5	85.012	36.79	48.222	54.000	Average
Vertical	2488	97.412	30.11	67.302	74.000	Peak
Vertical	2483.5	87.382	36.79	50.592	54.000	Average

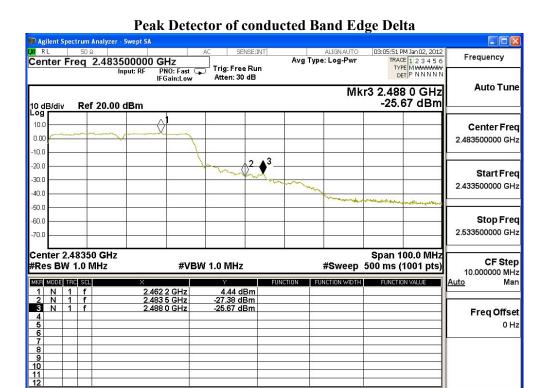
Note:

The Band Edge Field Strength was calculated using the Fundamental and Conducted Band Edge measurements per the Marker-Delta Method with the following formula:

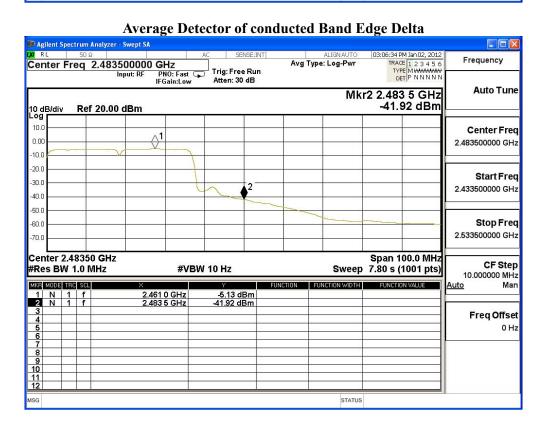
Band Edge field Strength = $F - \Delta$

F = Fundamental field Strength (Peak or Average)





STATUS





7. Occupied Bandwidth

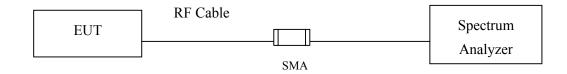
7.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun, 2011
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun, 2011
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2011

Note:

- 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
- 2. The test instruments marked with "X" are used to measure the final test results.

7.2. Test Setup



7.3. Limits

The minimum bandwidth shall be at least 500 kHz.

7.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Mar. 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

7.5. Uncertainty

 \pm 150Hz



7.6. Test Result of Occupied Bandwidth

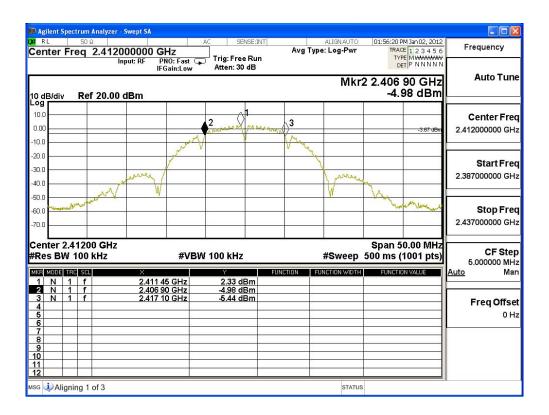
Product : iDEA⁺ Docking Station
Test Item : Occupied Bandwidth Data

Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	10200	>500	Pass

Figure Channel 1:



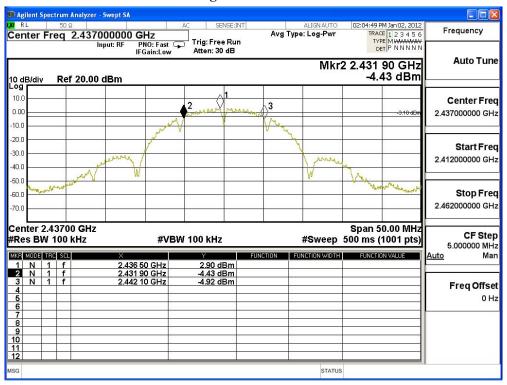


Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	10200	>500	Pass

Figure Channel 6:





Test Site : No.3 OATS

Test Mode : Mode 1: Transmit (802.11b 1Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	10200	>500	Pass

Figure Channel 11: 🖪 Agilent Spectrum Analyzer - Swept SA Frequency Center Freq 2.462000000 GHz Avg Type: Log-Pwr Trig: Free Run Atten: 30 dB PNO: Fast DIFGain:Low Input: RF **Auto Tune** Mkr2 2.456 90 GHz -4.51 dBm Ref 20.00 dBm 10.0 Center Freq 0.00 2.462000000 GHz -10.0 -20.0 Start Freq -30.0 2.437000000 GHz -40.0 -50.0 Stop Freq -60.0 2.487000000 GHz Center 2.46200 GHz #Res BW 100 kHz Span 50.00 MHz CF Step **#VBW 100 kHz** #Sweep 500 ms (1001 pts) 5.000000 MHz Man MKR MODE TRC SCL 2.82 dBm -4.51 dBm -4.94 dBm 2.461 50 GHz 2.456 90 GHz 2.467 10 GHz Freq Offset

STATUS

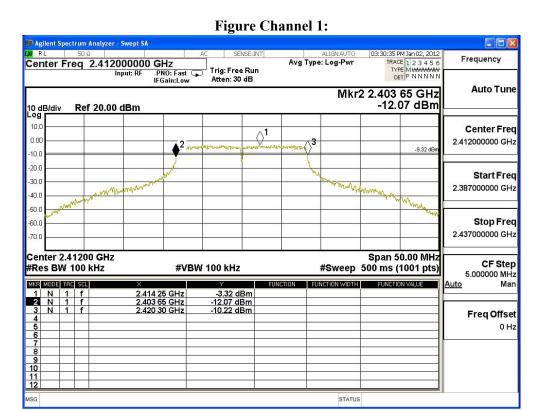
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Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	16650	>500	Pass



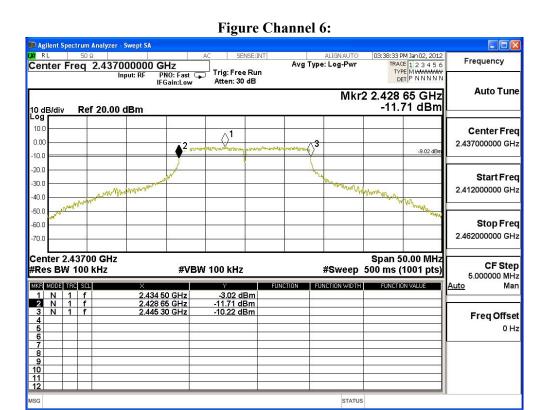
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Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2437MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
6	2437	16650	>500	Pass



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Test Site : No.3 OATS

Test Mode : Mode 2: Transmit (802.11g 6Mbps) (2462MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
11	2462	16650	>500	Pass

Figure Channel 11: 🖪 Agilent Spectrum Analyzer - Swept SA M RL 50Ω Center Freq 2.462000000 GHz Frequency Avg Type: Log-Pwr Trig: Free Run Atten: 30 dB PNO: Fast DIFGain:Low Input: RF **Auto Tune** Mkr2 2.453 65 GHz -11.36 dBm Ref 20.00 dBm 10.0 Center Freq 0.00 2.462000000 GHz -8.72 dE -10.0 -20.0 Start Freq -30.0 1- Water What Williams 2.437000000 GHz -40.0 -50.0 Stop Freq -60.0 2.487000000 GHz Center 2.46200 GHz #Res BW 100 kHz Span 50.00 MHz CF Step **#VBW 100 kHz** #Sweep 500 ms (1001 pts) 5.000000 MHz Man MKR MODE TRC SCL -2.72 dBm -11.36 dBm -10.15 dBm Freq Offset

STATUS

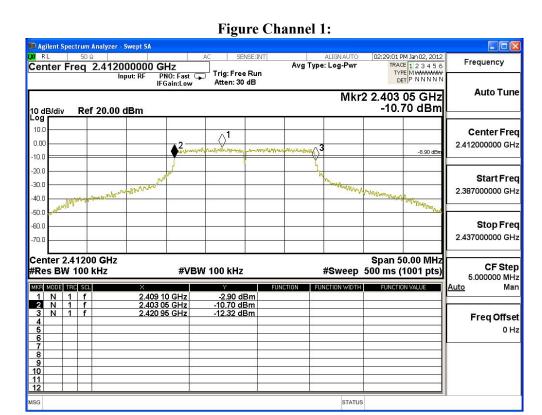
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Test Site : No.3 OATS

Test Mode : Mode 3: Transmit (802.11n MCS0 7.2Mbps 20M-BW) (2412MHz)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412	17900	>500	Pass



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