

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 62

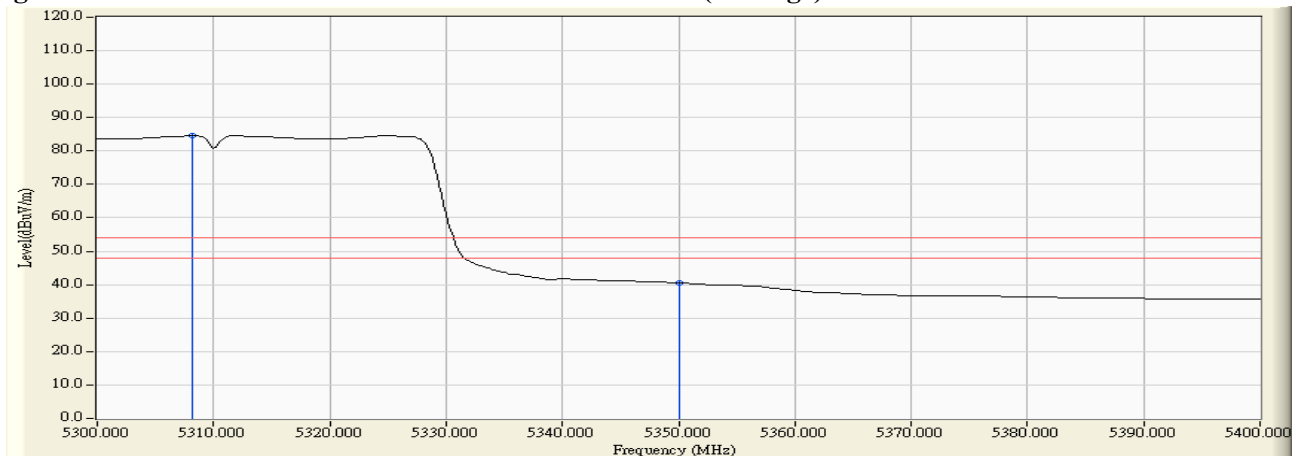
RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
62 (Peak)	5307.800	5.745	89.332	95.077	--	--	--
62 (Peak)	5350.000	5.691	49.680	55.372	74.00	54.00	Pass
62 (Peak)	5355.200	5.685	52.421	58.105	74.00	54.00	Pass
62 (Average)	5308.200	5.744	78.844	84.588	--	--	--
62 (Average)	5350.000	5.691	34.938	40.630	74.00	54.00	Pass

Figure Channel 62: Vertical (Peak)



Figure Channel 62: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 102

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
102 (Peak)	5460.000	4.354	52.398	56.752	74.00	54.00	Pass
102 (Peak)	5508.000	4.824	94.306	99.131	--	--	--
102 (Average)	5460.000	4.354	35.158	39.512	74.00	54.00	Pass
102 (Average)	5494.800	4.779	84.408	89.187	--	--	--

Figure Channel 102: Horizontal (Peak)

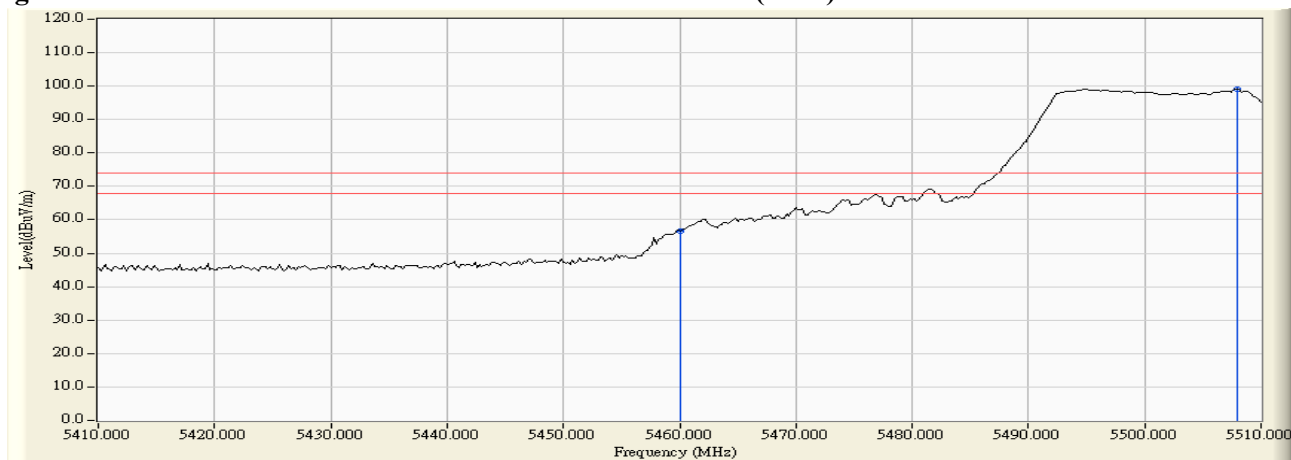
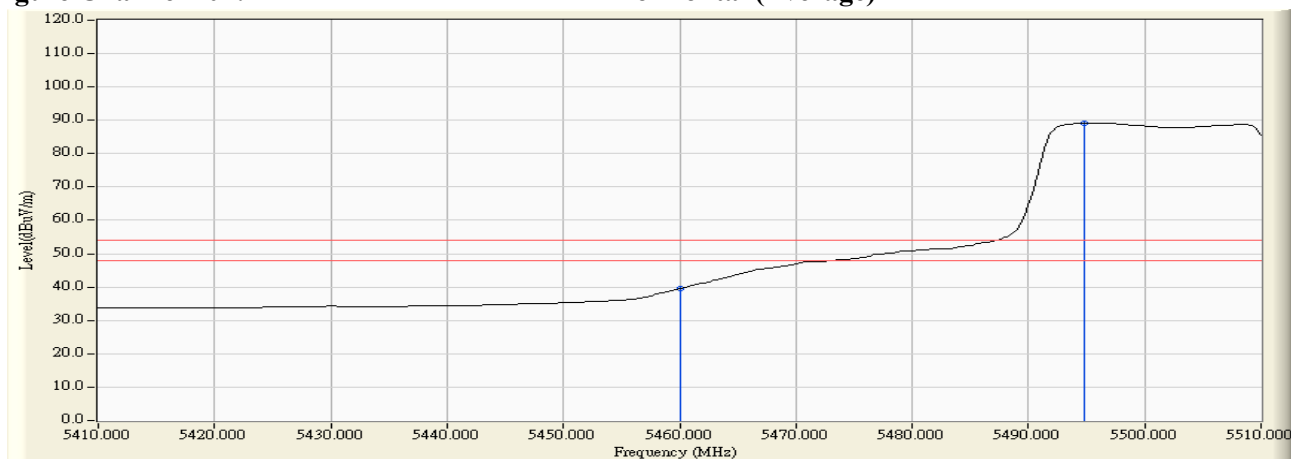


Figure Channel 102: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 102

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
102 (Peak)	5460.000	6.041	46.384	52.425	74.00	54.00	Pass
102 (Peak)	5507.800	6.272	88.847	95.119	--	--	--
102 (Average)	5460.000	6.041	31.398	37.439	74.00	54.00	Pass
102 (Average)	5508.400	6.268	78.306	84.574	--	--	--

Figure Channel 102: Vertical (Peak)

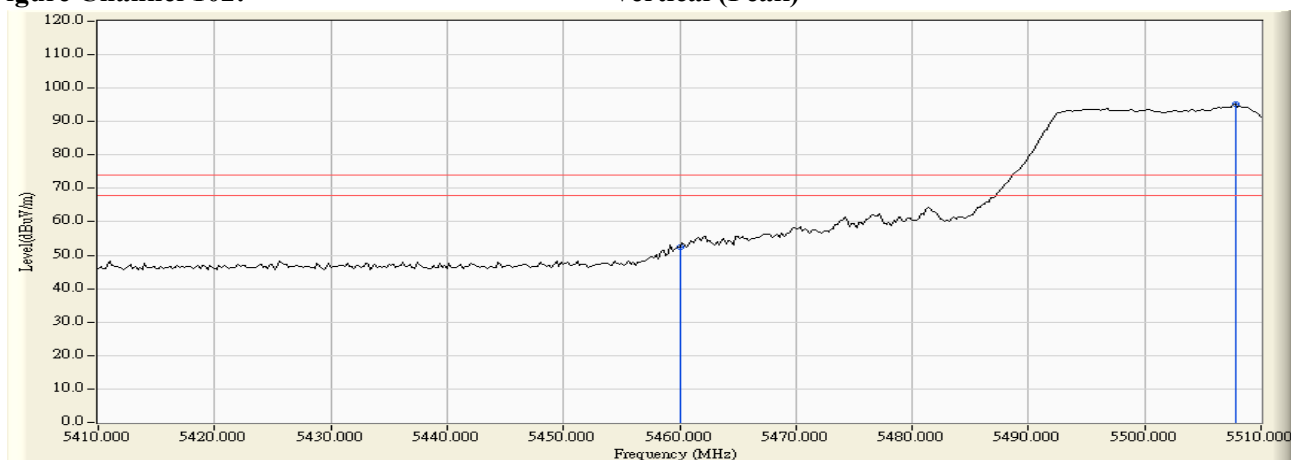


Figure Channel 102: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 102

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5470.000	18.275	-79.757	-61.482	-34.482	-27.000	Pass

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5470.000	19.288	-57.554	-38.266	-11.266	-27.000	Pass

Product : FIELDBOOK
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps) -Channel 134

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5725.000	18.649	-78.033	-59.384	-32.384	-27.000	Pass

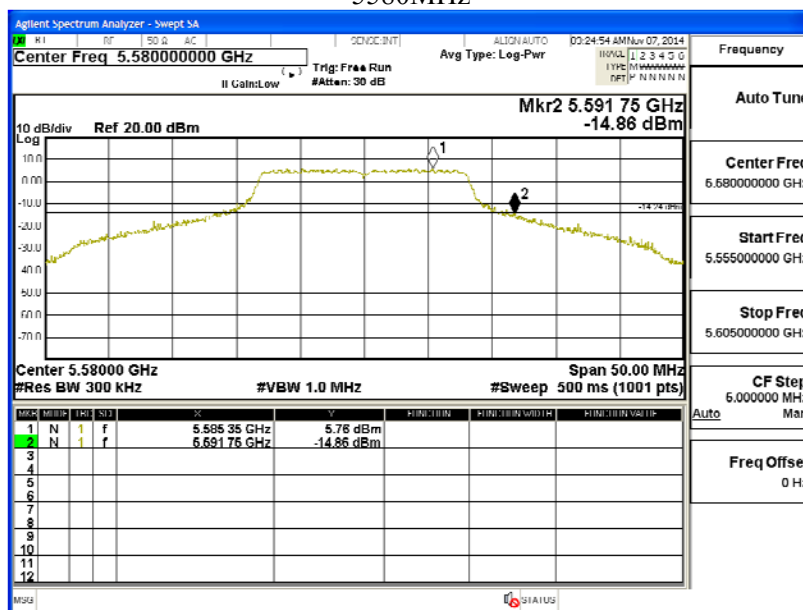
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5725.000	19.372	-74.177	-54.805	-27.805	-27.000	Pass

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)

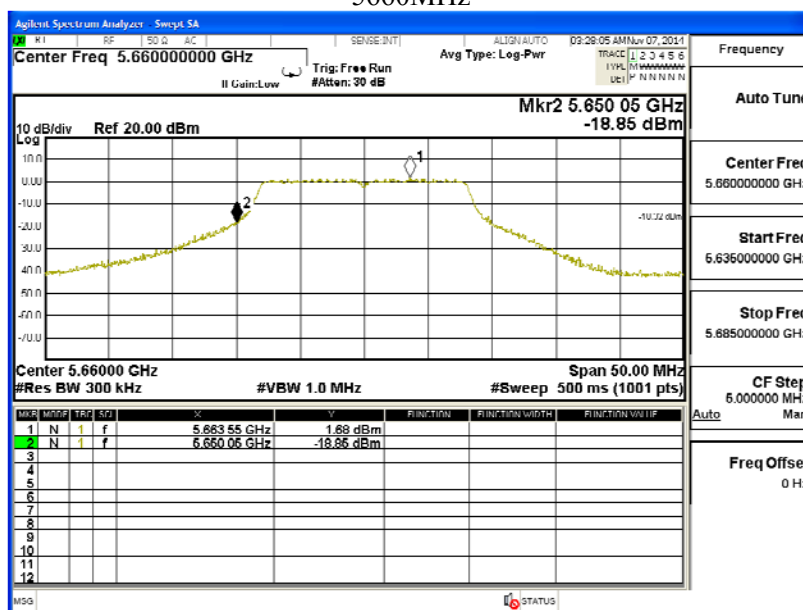
Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5580	5591.75	<5600	PASS
5660	5650.05	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

5580MHz



5660MHz

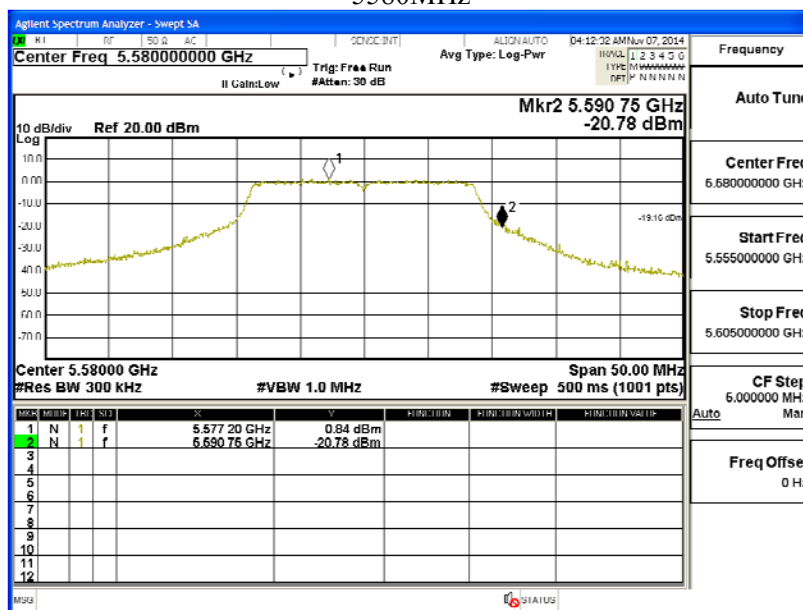


Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)

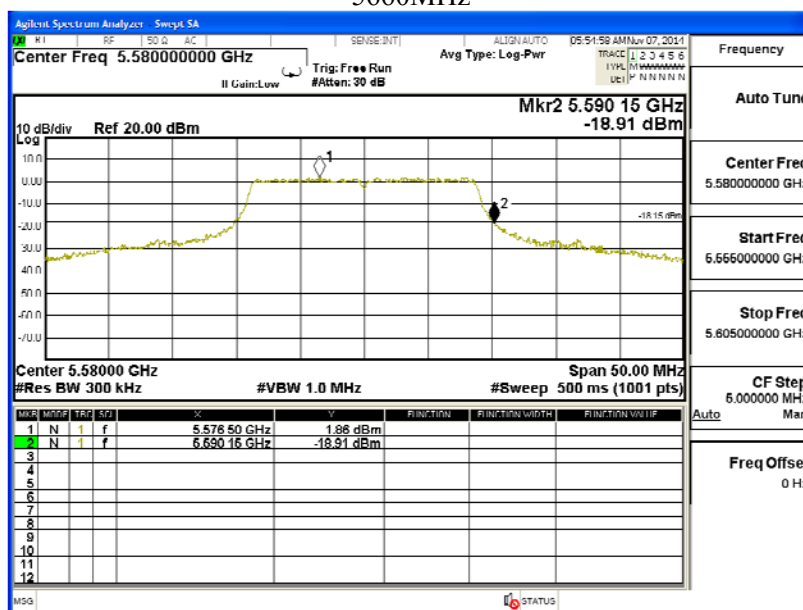
Chain A

Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5580	5590.75	<5600	PASS
5660	5650.40	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.
 5580MHz



5660MHz



Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 14.4Mbps)

Chain B

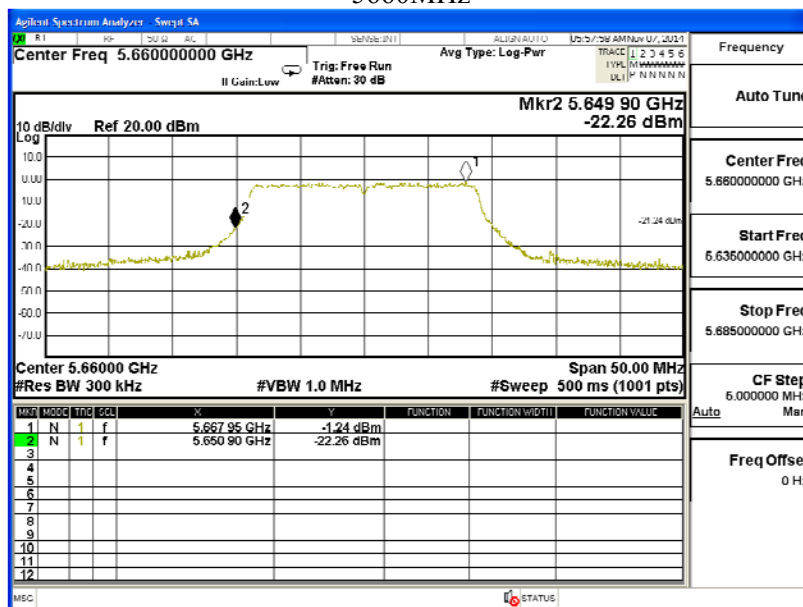
Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5580	5590.15	<5600	PASS
5660	5650.90	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

5580MHz



5660MHz



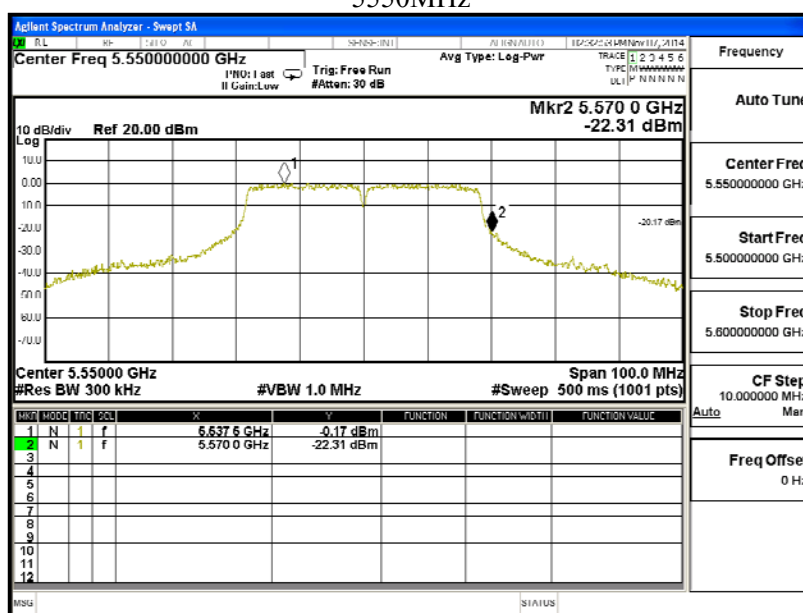
Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)

Chain A

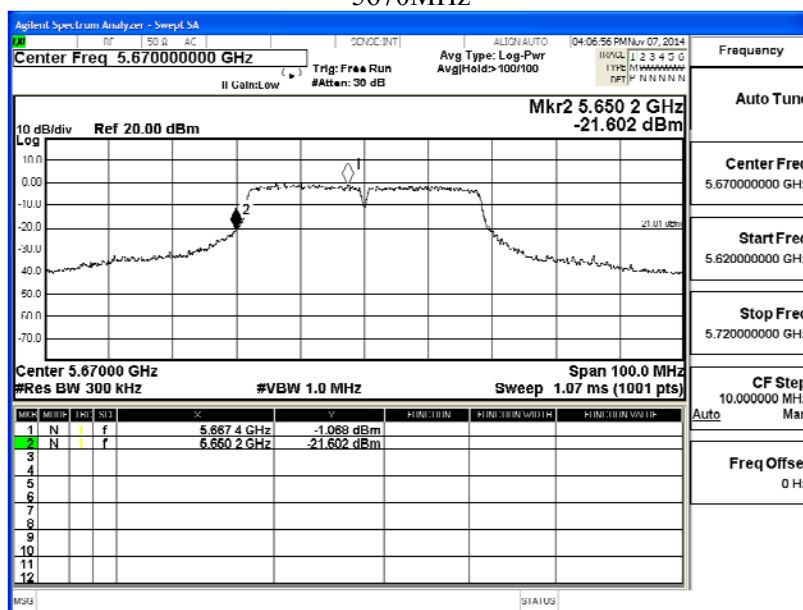
Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5550	5570.00	<5600	PASS
5670	5650.20	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

5550MHz



5670MHz



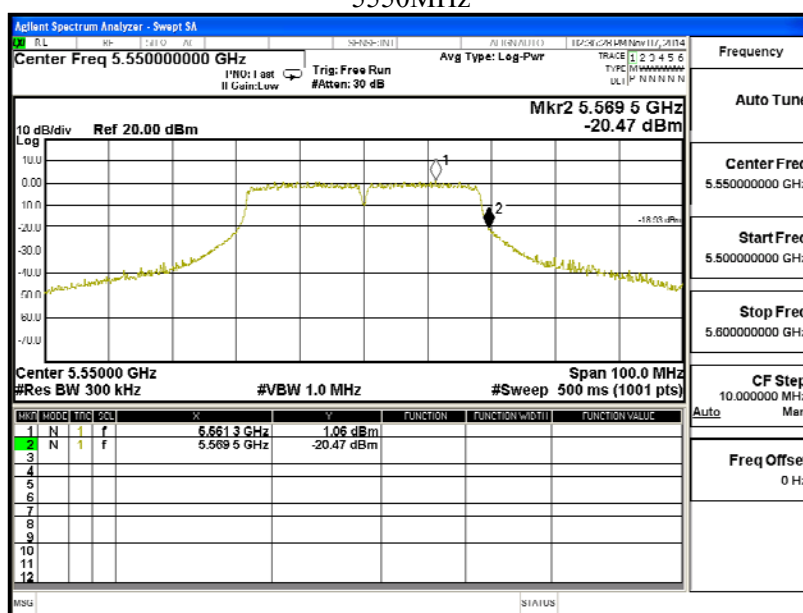
Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 30Mbps)

Chain B

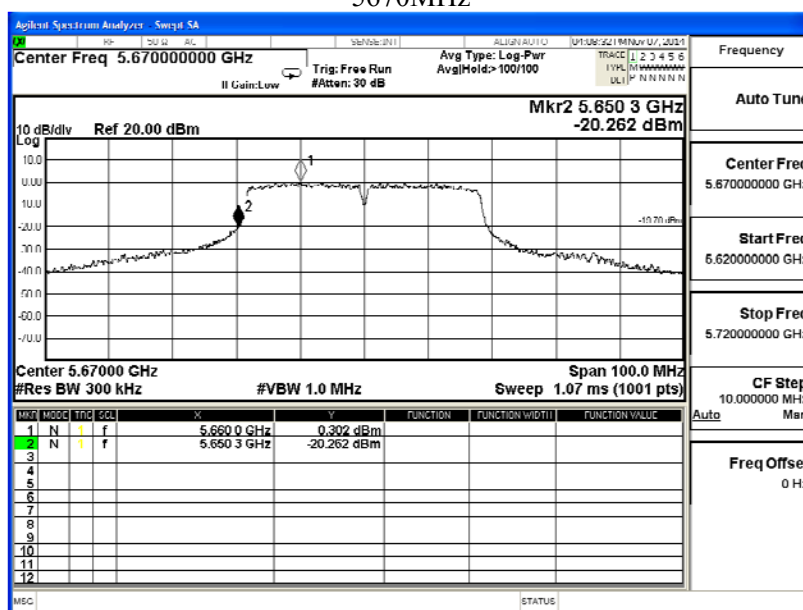
Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5550	5569.50	<5600	PASS
5670	5650.30	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

5550MHz



5670MHz



Product : FIELDBOOK
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 4: Transmit (802.11ac-20BW-7.2Mbps) -Channel 44

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5825.000	12.438	-69.180	-56.742	-39.742	-17.000	Pass
Horizontal	5835.000	12.597	-69.530	-56.933	-29.933	-27.000	Pass

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5825.000	12.285	-69.260	-56.975	-39.975	-17.000	Pass
Vertical	5835.000	12.479	-70.110	-57.631	-30.631	-27.000	Pass

Product : FIELDBOOK
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 5: Transmit (802.11ac-40BW-15Mbps) -Channel 42

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5825.000	12.438	-68.980	-56.542	-39.542	-17.000	Pass
Horizontal	5835.000	12.597	-69.340	-56.743	-29.743	-27.000	Pass

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5825.000	12.285	-69.300	-57.015	-40.015	-17.000	Pass
Vertical	5835.000	12.479	-70.090	-57.611	-30.611	-27.000	Pass

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 42

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
42 (Peak)	5148.000	3.347	58.491	61.838	74.00	54.00	Pass
42 (Peak)	5150.000	3.340	57.807	61.147	74.00	54.00	Pass
42 (Peak)	5191.200	3.191	90.597	93.788	--	--	--
42 (Average)	5150.000	3.340	42.330	45.670	74.00	54.00	Pass
42 (Average)	5200.000	3.165	81.133	84.298	--	--	--

Figure Channel 42: Horizontal (Peak)

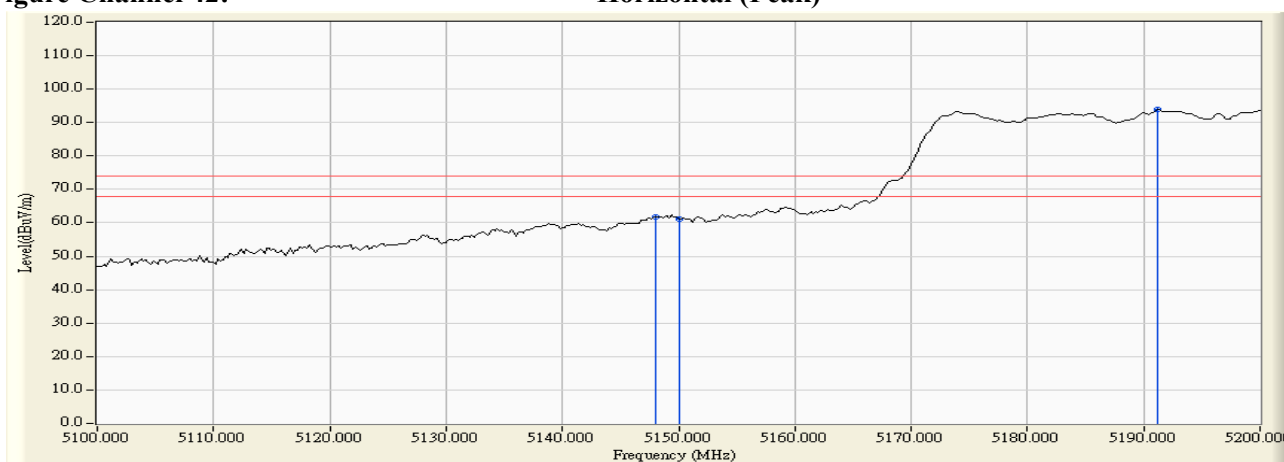
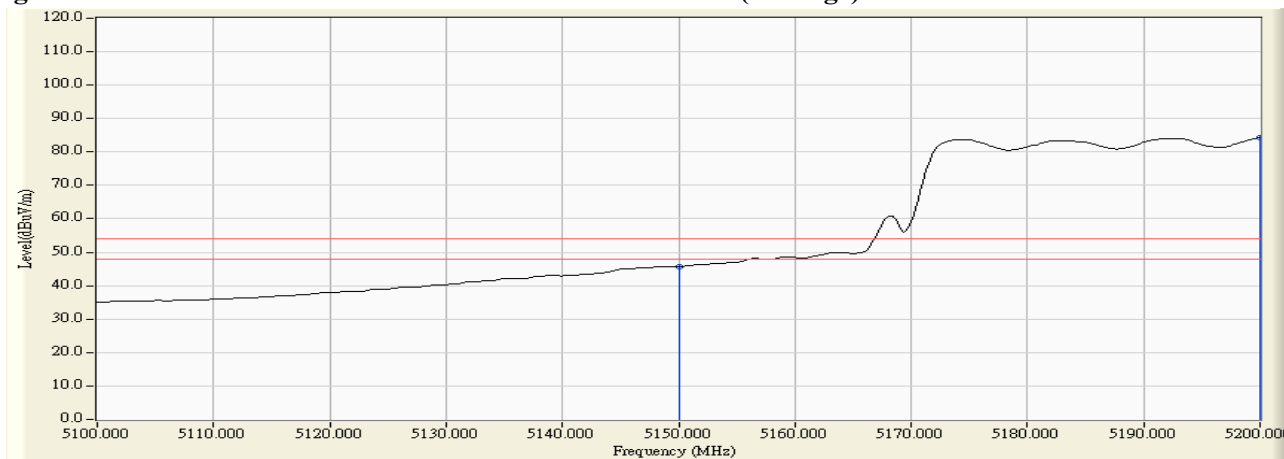


Figure Channel 42: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 42

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
42 (Peak)	5150.000	5.260	56.028	61.288	74.00	54.00	Pass
42 (Peak)	5191.400	5.370	89.416	94.785	--	--	--
42 (Average)	5150.000	5.260	39.820	45.080	74.00	54.00	Pass
42 (Average)	5192.200	5.371	79.801	85.172	--	--	--

Figure Channel 42: Vertical (Peak)

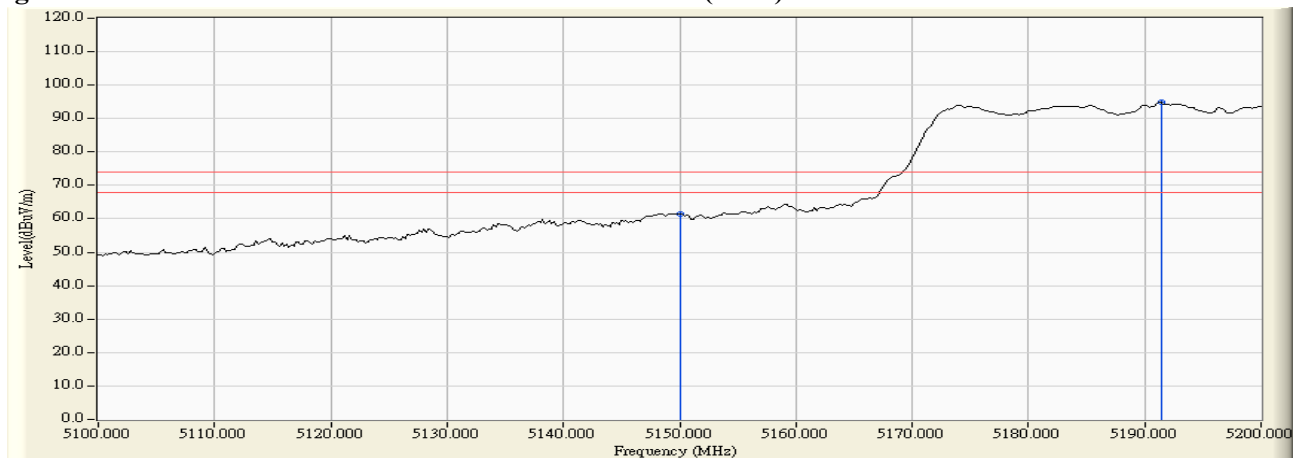
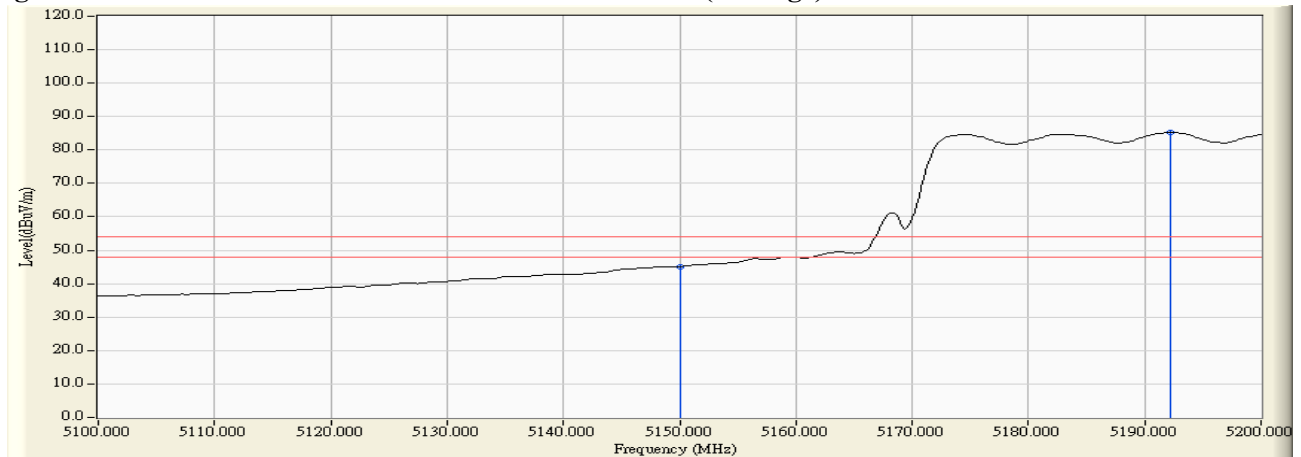


Figure Channel 42: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 58

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
58 (Peak)	5307.400	3.853	92.789	96.642	--	--	--
58 (Peak)	5350.000	3.716	58.778	62.495	74.00	54.00	Pass
58 (Peak)	5353.000	3.707	60.738	64.445	74.00	54.00	Pass
58 (Average)	5326.200	3.793	83.505	87.298	--	--	--
58 (Average)	5350.000	3.716	44.855	48.572	74.00	54.00	Pass

Figure Channel 58:

Horizontal (Peak)

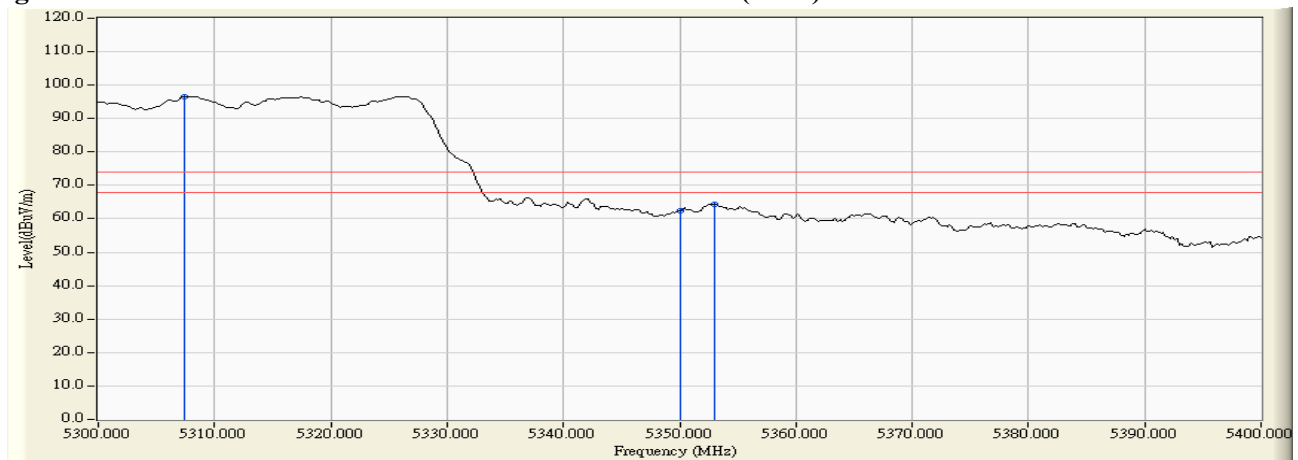
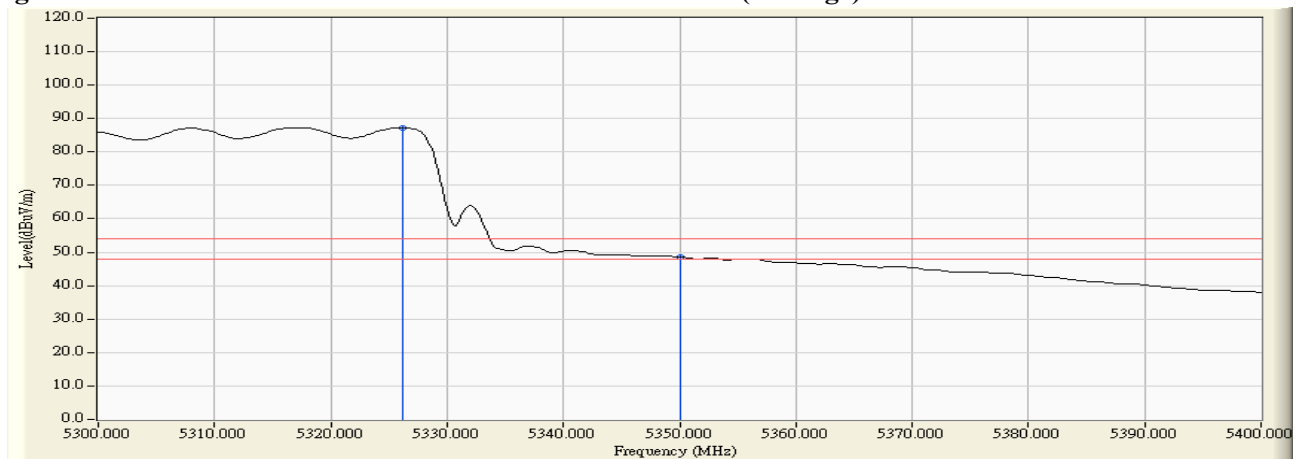


Figure Channel 58:

Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 58

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
58 (Peak)	5307.400	5.745	86.915	92.660	--	--	--
58 (Peak)	5350.000	5.691	51.406	57.098	74.00	54.00	Pass
58 (Peak)	5352.800	5.688	52.950	58.638	74.00	54.00	Pass
58 (Average)	5307.800	5.745	77.512	83.257	--	--	--
58 (Average)	5350.000	5.691	37.388	43.080	74.00	54.00	Pass

Figure Channel 58: Vertical (Peak)

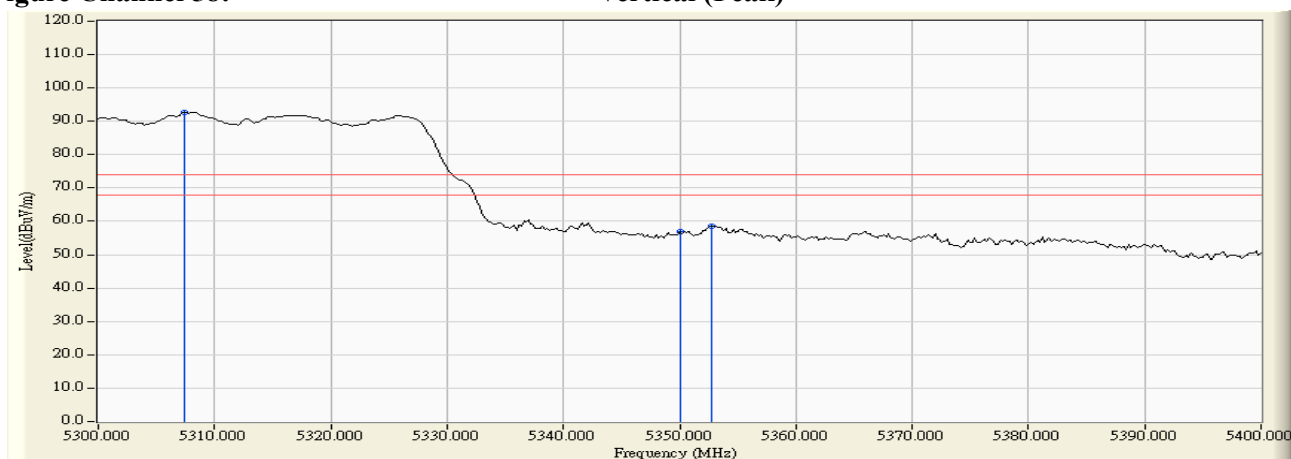
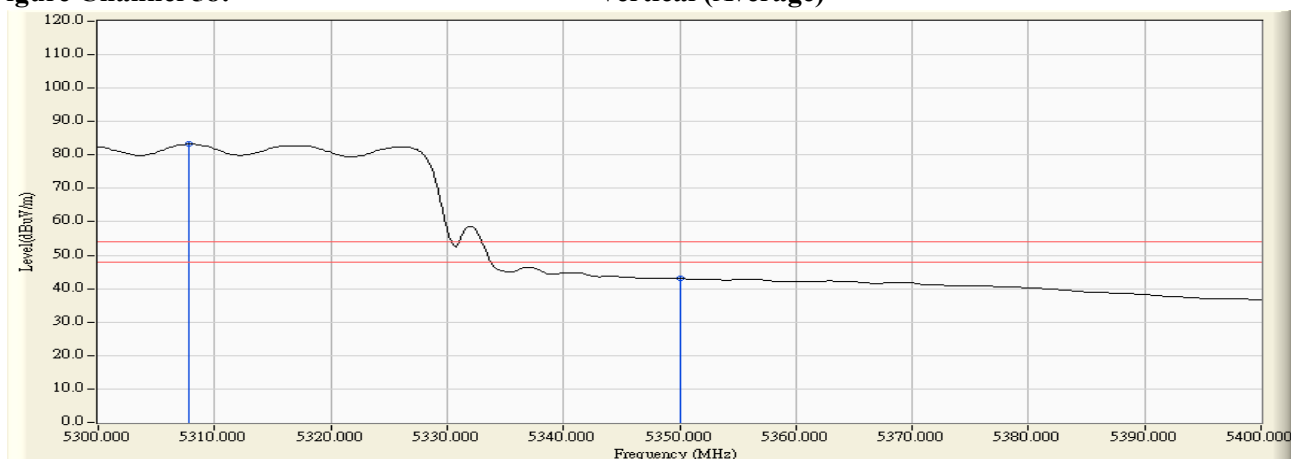


Figure Channel 58: Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 106

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
106 (Peak)	5459.200	4.343	56.655	60.998	74.00	54.00	Pass
106 (Peak)	5460.000	4.354	54.178	58.532	74.00	54.00	Pass
106 (Peak)	5494.000	4.773	87.840	92.613	--	--	--
106 (Average)	5460.000	4.354	42.059	46.413	74.00	54.00	Pass
106 (Average)	5494.400	4.776	78.632	83.408	--	--	--

Figure Channel 106: Horizontal (Peak)

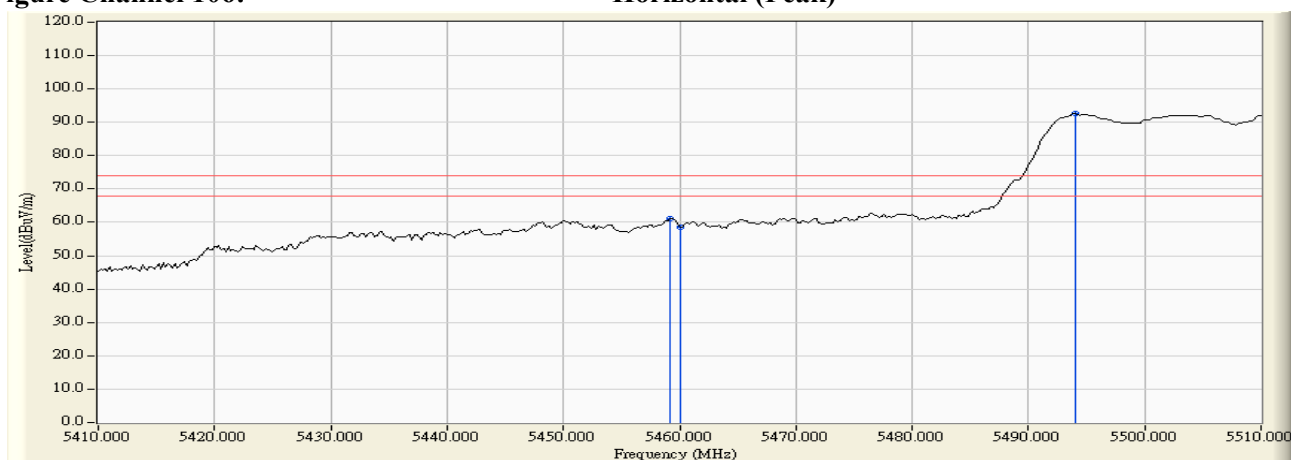
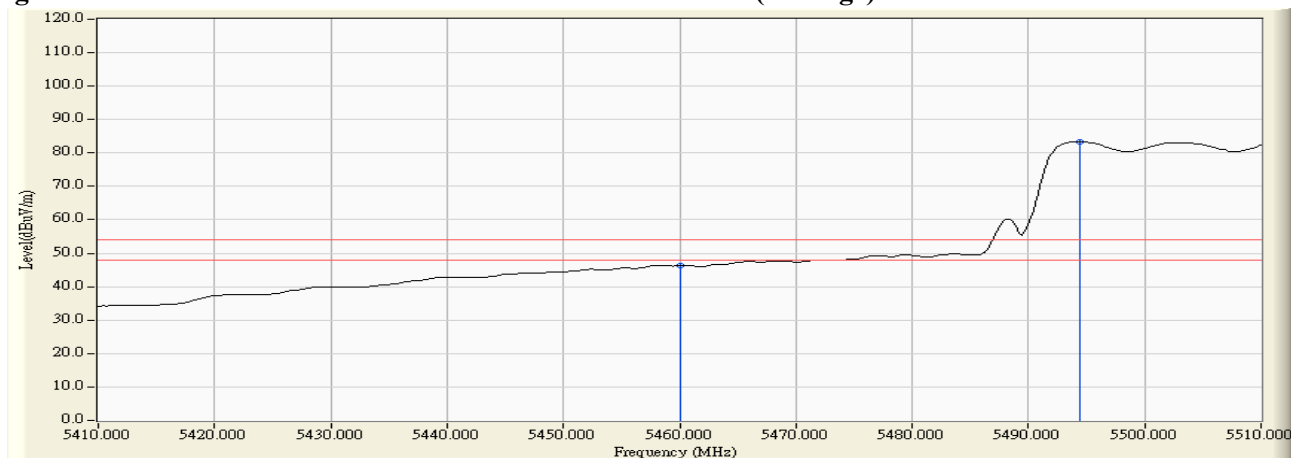


Figure Channel 106: Horizontal (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 106

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
106 (Peak)	5459.200	6.035	45.386	51.421	74.00	54.00	Pass
106 (Peak)	5460.000	6.041	43.634	49.675	74.00	54.00	Pass
106 (Peak)	5510.000	6.258	78.190	84.448	--	--	--
106 (Average)	5460.000	6.041	31.883	37.924	74.00	54.00	Pass
106 (Average)	5503.000	6.284	68.813	75.097	--	--	--

Figure Channel 106:

Vertical (Peak)

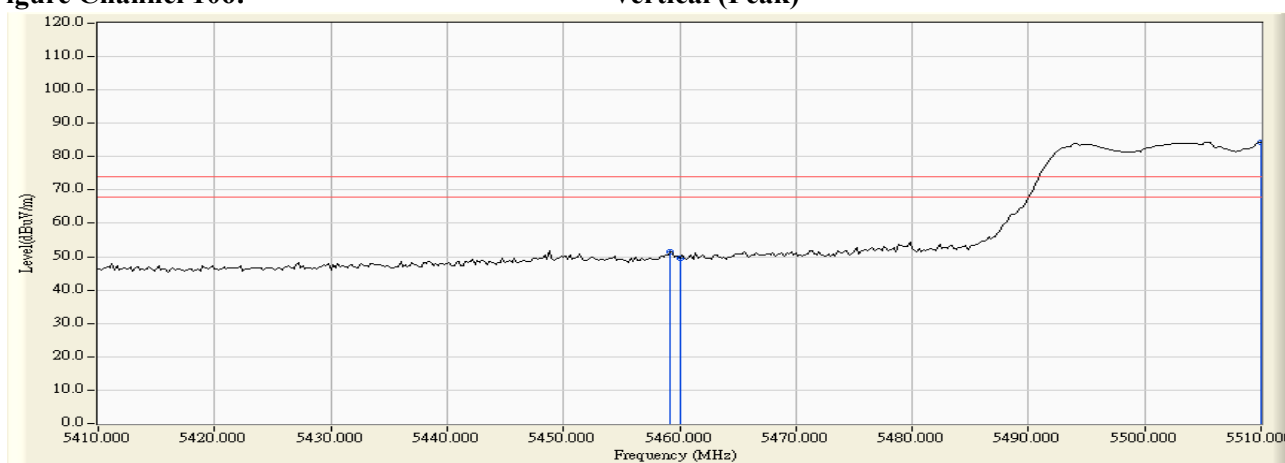
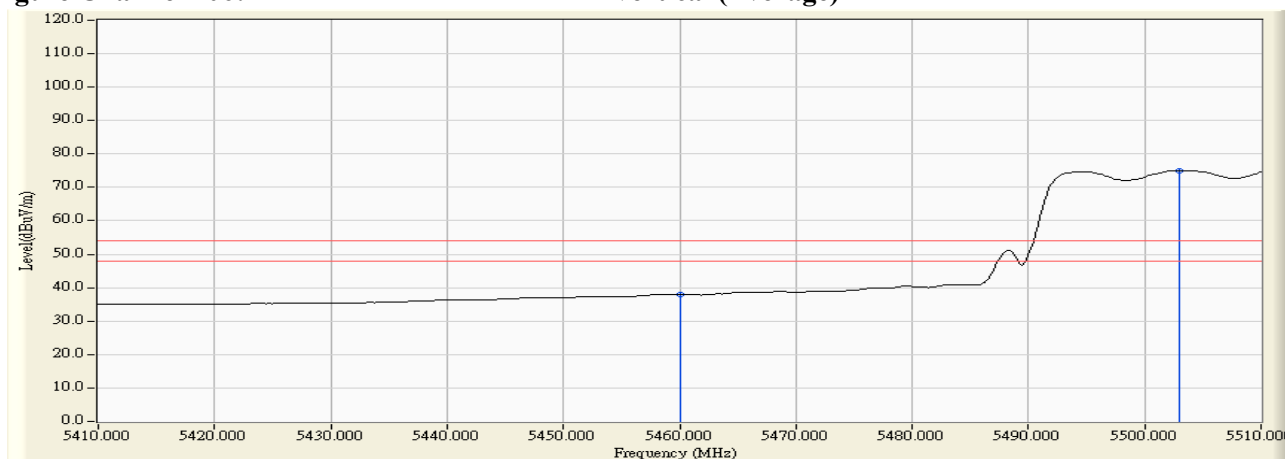


Figure Channel 106:

Vertical (Average)



Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 106

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5470.000	13.958	-68.380	-54.422	-27.422	-27.000	Pass

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5470.000	14.324	-68.380	-54.056	-27.056	-27.000	Pass

Product : FIELDBOOK
Test Item : Band Edge Data
Test Site : No.3 OATS
Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps) -Channel 138

RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Horizontal	5725.000	12.135	-68.265	-56.130	-29.130	-27.000	Pass

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Result
Vertical	5725.000	12.243	-70.463	-58.220	-31.220	-27.000	Pass

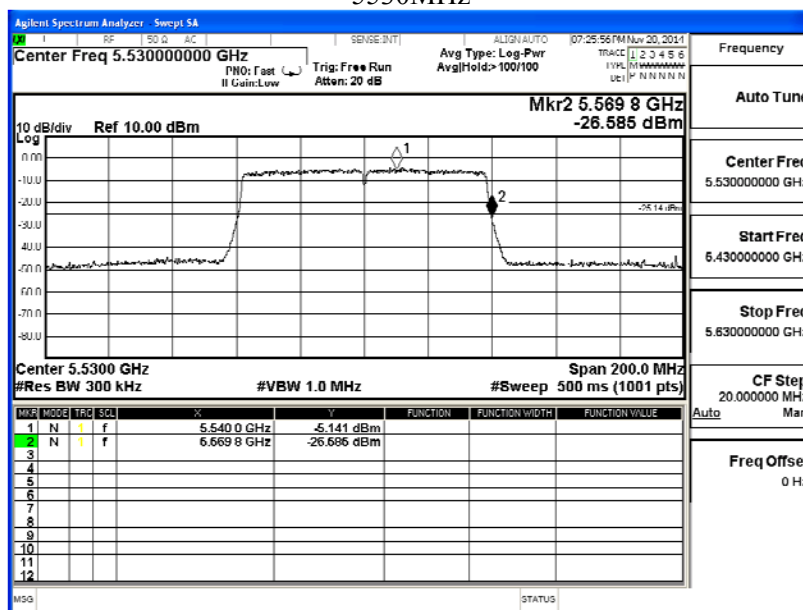
Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps)

Chain A

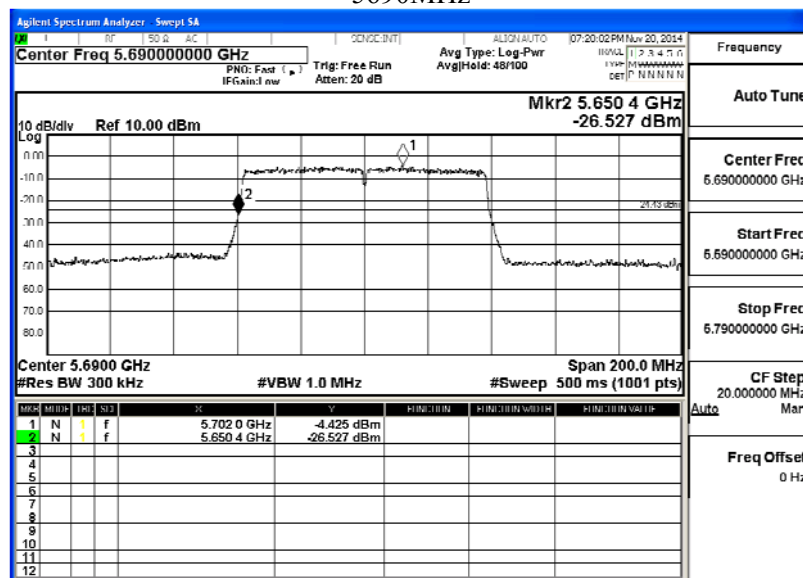
Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5530	5569.8	<5600	PASS
5690	5650.4	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

5530MHz



5690MHz



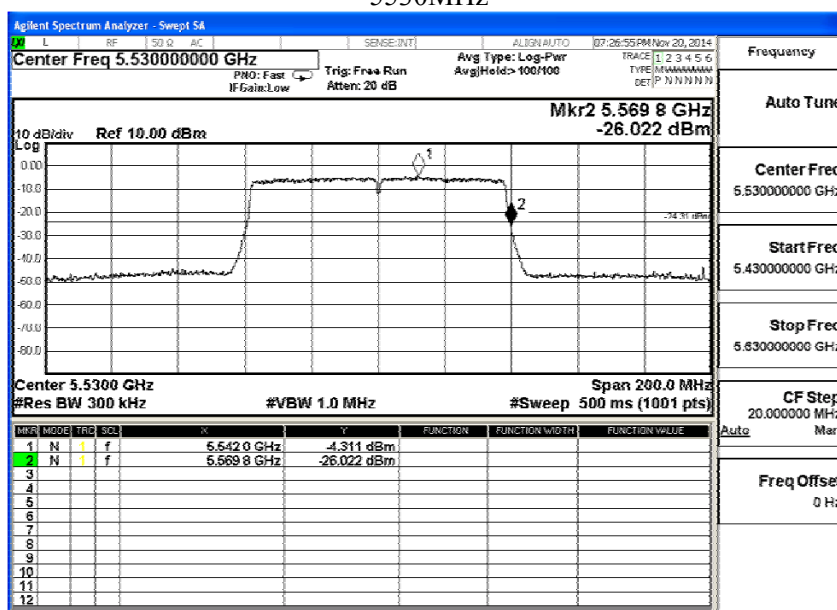
Product : FIELDBOOK
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-65Mbps)

Chain B

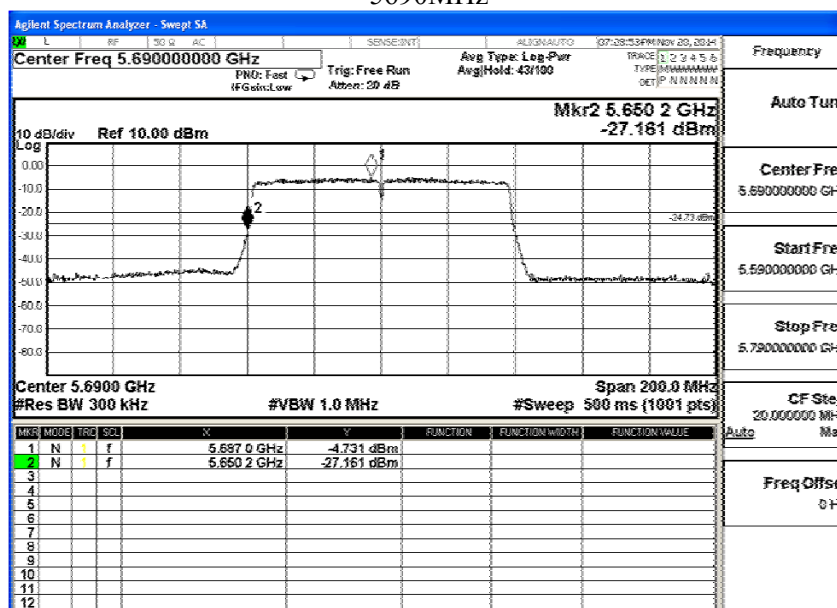
Test Frequency (MHz)	Measurement Level (20dB BW) (MHz)	Limit (MHz)	Result
5530	5569.8	<5600	PASS
5690	5650.2	>5650	PASS

NOTE: The 5600~5650MHz band is not used in accordance with 15.215 requirement.

5530MHz



5690MHz



8. Frequency Stability

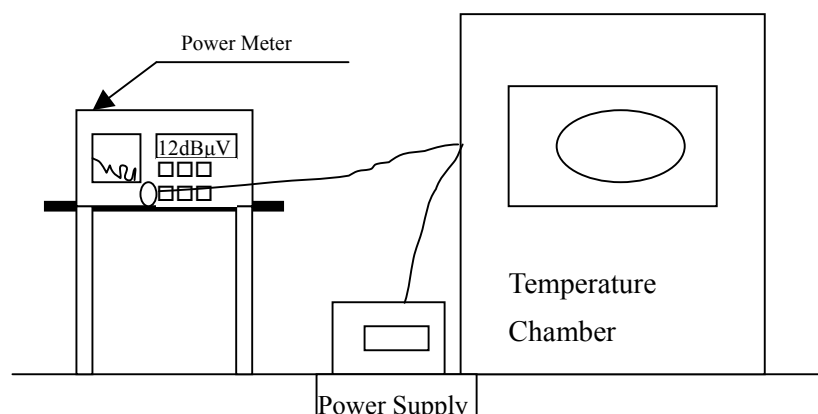
8.1. Test Equipment

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
	Spectrum Analyzer	R&S	FSP40 / 100170	Jun., 2014
	Spectrum Analyzer	Agilent	E4407B / US39440758	Jun., 2014
X	Spectrum Analyzer	Agilent	N9010A / MY48030495	Apr., 2014

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.

8.2. Test Setup



8.3. Limits

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified

8.4. Test Procedure

The EUT was setup to ANSI C63.10, 2009; tested to DTS test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

8.5. Uncertainty

± 150 Hz

8.6. Test Result of Frequency Stability

Product : FIELDBOOK
 Test Item : Frequency Stability
 Test Site : Temperature Chamber
 Test Mode : Carrier Wave

Chain A

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	ΔF (MHz)
Tnom (20) oC	Vnom (110)V	36	5180.0068	5180.0068	-0.0068
		38	5190.0043	5190.0043	-0.0043
		44	5220.0082	5220.0082	-0.0082
		46	5230.0069	5230.0069	-0.0069
		48	5240.0077	5240.0077	-0.0077
		52	5260.0088	5260.0088	-0.0088
		54	5270.0081	5270.0081	-0.0081
		60	5300.0062	5300.0062	-0.0062
		62	5310.0058	5310.0058	-0.0058
		64	5320.0032	5320.0032	-0.0032
		100	5500.0093	5500.0093	-0.0093
		102	5510.0102	5510.0102	-0.0102
		110	5550.0100	5550.0100	-0.0100
		116	5580.0097	5580.0097	-0.0097
		134	5670.0082	5670.0082	-0.0082
		140	5700.0087	5700.0087	-0.0087
Tmax (50) oC	Vmax (126.5)V	36	5180.0070	5180.0070	-0.0070
		38	5190.0040	5190.0040	-0.0040
		44	5220.0080	5220.0080	-0.0080
		46	5230.0070	5230.0070	-0.0070
		48	5240.0071	5240.0071	-0.0071
		52	5260.0083	5260.0083	-0.0083
		54	5270.0079	5270.0079	-0.0079
		60	5300.0062	5300.0062	-0.0062
		62	5310.0088	5310.0088	-0.0088
		64	5320.0073	5320.0073	-0.0073
		100	5500.0074	5500.0074	-0.0074
		102	5510.0069	5510.0069	-0.0069
		110	5550.0100	5550.0100	-0.0100
		116	5580.0094	5580.0094	-0.0094
		134	5670.0081	5670.0081	-0.0081
		140	5700.0077	5700.0077	-0.0077

Tmax (50) °C	Vmin (93.5)V	36	5180.0069	5180.0069	-0.0069
		38	5190.0077	5190.0077	-0.0077
		44	5220.0088	5220.0088	-0.0088
		46	5230.0074	5230.0074	-0.0074
		48	5240.0066	5240.0066	-0.0066
		52	5260.0079	5260.0079	-0.0079
		54	5270.0092	5270.0092	-0.0092
		60	5300.0086	5300.0086	-0.0086
		62	5310.0061	5310.0061	-0.0061
		64	5320.0074	5320.0074	-0.0074
		100	5500.0073	5500.0073	-0.0073
		102	5510.0079	5510.0079	-0.0079
		110	5550.0099	5550.0099	-0.0099
		116	5580.0101	5580.0101	-0.0101
		134	5670.0088	5670.0088	-0.0088
		140	5700.0080	5700.0080	-0.0080
Tmin (-10) °C	Vmax (126.5)V	36	5180.0064	5180.0064	-0.0064
		38	5190.0078	5190.0078	-0.0078
		44	5220.0094	5220.0094	-0.0094
		46	5230.0077	5230.0077	-0.0077
		48	5240.0082	5240.0082	-0.0082
		52	5260.0076	5260.0076	-0.0076
		54	5270.0093	5270.0093	-0.0093
		60	5300.0084	5300.0084	-0.0084
		62	5310.0097	5310.0097	-0.0097
		64	5320.0100	5320.0100	-0.0100
		100	5500.0067	5500.0067	-0.0067
		102	5510.0074	5510.0074	-0.0074
		110	5550.0088	5550.0088	-0.0088
		116	5580.0094	5580.0094	-0.0094
		134	5670.0084	5670.0084	-0.0084
		140	5700.0086	5700.0086	-0.0086

Tmin (-10) °C	Vmin (93.5)V	36	5180.0064	5180.0064	-0.0064
		38	5190.0078	5190.0078	-0.0078
		44	5220.0094	5220.0094	-0.0094
		46	5230.0077	5230.0077	-0.0077
		48	5240.0082	5240.0082	-0.0082
		52	5260.0076	5260.0076	-0.0076
		54	5270.0093	5270.0093	-0.0093
		60	5300.0084	5300.0084	-0.0084
		62	5310.0097	5310.0097	-0.0097
		64	5320.0100	5320.0100	-0.0100
		100	5500.0067	5500.0067	-0.0067
		102	5510.0074	5510.0074	-0.0074
		110	5550.0088	5550.0088	-0.0088
		116	5580.0094	5580.0094	-0.0094
		134	5670.0084	5670.0084	-0.0084
		140	5700.0086	5700.0086	-0.0086

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tnom (20) °C	Vnom (110)V	42ac80	5210.0000	5210.0123	-0.0123
		58ac80	5290.0000	5290.0096	-0.0096
		106ac80	5530.0000	5530.0059	-0.0059
		138ac80	5690.0000	5690.0088	-0.0088
		142F	5710.0000	5710.0037	-0.0037
		144	5720.0000	5720.0079	-0.0079
Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmax (50) °C	Vmax (126.5)V	42ac80	5210.0000	5210.0098	-0.0098
		58ac80	5290.0000	5290.0088	-0.0088
		106ac80	5530.0000	5530.0055	-0.0055
		138ac80	5690.0000	5690.0073	-0.0073
		142F	5710.0000	5710.0066	-0.0066
		144	5720.0000	5720.0088	-0.0088
Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmax (50) °C	Vmin (93.5)V	42ac80	5210.0000	5210.0098	-0.0098
		58ac80	5290.0000	5290.0088	-0.0088
		106ac80	5530.0000	5530.0055	-0.0055
		138ac80	5690.0000	5690.0073	-0.0073
		142F	5710.0000	5710.0066	-0.0066
		144	5720.0000	5720.0088	-0.0088

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmin (0) °C	Vmax (126.5)V	42ac80	5210.0000	5210.0110	-0.0110
		58ac80	5290.0000	5290.0099	-0.0099
		106ac80	5530.0000	5530.0067	-0.0067
		138ac80	5690.0000	5690.0093	-0.0093
		142F	5710.0000	5710.0082	-0.0082
		144	5720.0000	5720.0069	-0.0069
Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmin (0) °C	Vmin (93.5)V	42ac80	5210.0000	5210.0110	-0.0110
		58ac80	5290.0000	5290.0099	-0.0099
		106ac80	5530.0000	5530.0067	-0.0067
		138ac80	5690.0000	5690.0093	-0.0093
		142F	5710.0000	5710.0082	-0.0082
		144	5720.0000	5720.0069	-0.0069

Chain B

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	ΔF (MHz)
Tnom (20) °C	Vnom (110)V	36	5180.0065	5180.0065	-0.0065
		38	5190.0040	5190.0040	-0.0040
		44	5220.0077	5220.0077	-0.0077
		46	5230.0067	5230.0067	-0.0067
		48	5240.0074	5240.0074	-0.0074
		52	5260.0084	5260.0084	-0.0084
		54	5270.0077	5270.0077	-0.0077
		60	5300.0059	5300.0059	-0.0059
		62	5310.0057	5310.0057	-0.0057
		64	5320.0030	5320.0030	-0.0030
		100	5500.0090	5500.0090	-0.0090
		102	5510.0100	5510.0100	-0.0100
		110	5550.0098	5550.0098	-0.0098
		116	5580.0096	5580.0096	-0.0096
		134	5670.0080	5670.0080	-0.0080
		140	5700.0086	5700.0086	-0.0086
Tmax (50) °C	Vmax (126.5)V	36	5180.0069	5180.0069	-0.0069
		38	5190.0041	5190.0041	-0.0041
		44	5220.0077	5220.0077	-0.0077
		46	5230.0069	5230.0069	-0.0069
		48	5240.0064	5240.0064	-0.0064
		52	5260.0078	5260.0078	-0.0078
		54	5270.0073	5270.0073	-0.0073
		60	5300.0060	5300.0060	-0.0060
		62	5310.0080	5310.0080	-0.0080
		64	5320.0069	5320.0069	-0.0069
		100	5500.0071	5500.0071	-0.0071
		102	5510.0061	5510.0061	-0.0061
		110	5550.0097	5550.0097	-0.0097
		116	5580.0093	5580.0093	-0.0093
		134	5670.0080	5670.0080	-0.0080
		140	5700.0074	5700.0074	-0.0074

Tmax (50) °C	Vmin (93.5)V	36	5180.0063	5180.0063	-0.0063
		38	5190.0074	5190.0074	-0.0074
		44	5220.0087	5220.0087	-0.0087
		46	5230.0070	5230.0070	-0.0070
		48	5240.0063	5240.0063	-0.0063
		52	5260.0077	5260.0077	-0.0077
		54	5270.0090	5270.0090	-0.0090
		60	5300.0084	5300.0084	-0.0084
		62	5310.0060	5310.0060	-0.0060
		64	5320.0072	5320.0072	-0.0072
		100	5500.0072	5500.0072	-0.0072
		102	5510.0077	5510.0077	-0.0077
		110	5550.0097	5550.0097	-0.0097
		116	5580.0099	5580.0099	-0.0099
		134	5670.0087	5670.0087	-0.0087
		140	5700.0079	5700.0079	-0.0079
Tmin (-10) °C	Vmax (126.5)V	36	5180.0061	5180.0061	-0.0061
		38	5190.0077	5190.0077	-0.0077
		44	5220.0091	5220.0091	-0.0091
		46	5230.0077	5230.0077	-0.0077
		48	5240.0080	5240.0080	-0.0080
		52	5260.0071	5260.0071	-0.0071
		54	5270.0090	5270.0090	-0.0090
		60	5300.0081	5300.0081	-0.0081
		62	5310.0094	5310.0094	-0.0094
		64	5320.0094	5320.0094	-0.0094
		100	5500.0065	5500.0065	-0.0065
		102	5510.0071	5510.0071	-0.0071
		110	5550.0087	5550.0087	-0.0087
		116	5580.0092	5580.0092	-0.0092
		134	5670.0083	5670.0083	-0.0083
		140	5700.0085	5700.0085	-0.0085

Tmin (-10) °C	Vmin (93.5)V	36	5180.6300	5180.6300	-0.6300
		38	5190.0075	5190.0075	-0.0075
		44	5220.0084	5220.0084	-0.0084
		46	5230.0080	5230.0080	-0.0080
		48	5240.0087	5240.0087	-0.0087
		52	5260.0075	5260.0075	-0.0075
		54	5270.0089	5270.0089	-0.0089
		60	5300.7700	5300.7700	-0.7700
		62	5310.0090	5310.0090	-0.0090
		64	5320.0097	5320.0097	-0.0097
		100	5500.0079	5500.0079	-0.0079
		102	5510.0066	5510.0066	-0.0066
		110	5550.0074	5550.0074	-0.0074
		116	5580.0089	5580.0089	-0.0089
		134	5670.0077	5670.0077	-0.0077
		140	5700.0086	5700.0086	-0.0086

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tnom (20) °C	Vnom (110)V	42ac80	5210.0000	5210.0220	-0.0220
		58ac80	5290.0000	5290.0046	-0.0046
		106ac80	5530.0000	5530.0024	-0.0024
		138ac80	5690.0000	5690.0046	-0.0046
		142F	5710.0000	5710.0029	-0.0029
		144	5720.0000	5720.0064	-0.0064
Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmax (50) °C	Vmax (126.5)V	42ac80	5210.0000	5210.0024	-0.0024
		58ac80	5290.0000	5290.0046	-0.0046
		106ac80	5530.0000	5530.0016	-0.0016
		138ac80	5690.0000	5690.0064	-0.0064
		142F	5710.0000	5710.0044	-0.0044
		144	5720.0000	5720.0037	-0.0037
Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmax (50) °C	Vmin (93.5)V	42ac80	5210.0000	5210.0024	-0.0024
		58ac80	5290.0000	5290.0046	-0.0046
		106ac80	5530.0000	5530.0036	-0.0036
		138ac80	5690.0000	5690.0027	-0.0027
		142F	5710.0000	5710.0046	-0.0046
		144	5720.0000	5720.0033	-0.0033

Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmin (0) °C	Vmax (126.5)V	42ac80	5210.0000	5210.0024	-0.0024
		58ac80	5290.0000	5290.0046	-0.0046
		106ac80	5530.0000	5530.0025	-0.0025
		138ac80	5690.0000	5690.0017	-0.0017
		142F	5710.0000	5710.0039	-0.0039
		144	5720.0000	5720.0047	-0.0047
Test Conditions		Channel	Frequency (MHz)	Frequency (MHz)	$\triangle$ F (MHz)
Tmin (0) °C	Vmin (93.5)V	42ac80	5210.0000	5210.0024	-0.0024
		58ac80	5290.0000	5290.0046	-0.0046
		106ac80	5530.0000	5530.0026	-0.0026
		138ac80	5690.0000	5690.0021	-0.0021
		142F	5710.0000	5710.0036	-0.0036
		144	5720.0000	5720.0039	-0.0039

9. EMI Reduction Method During Compliance Testing

No modification was made during testing.