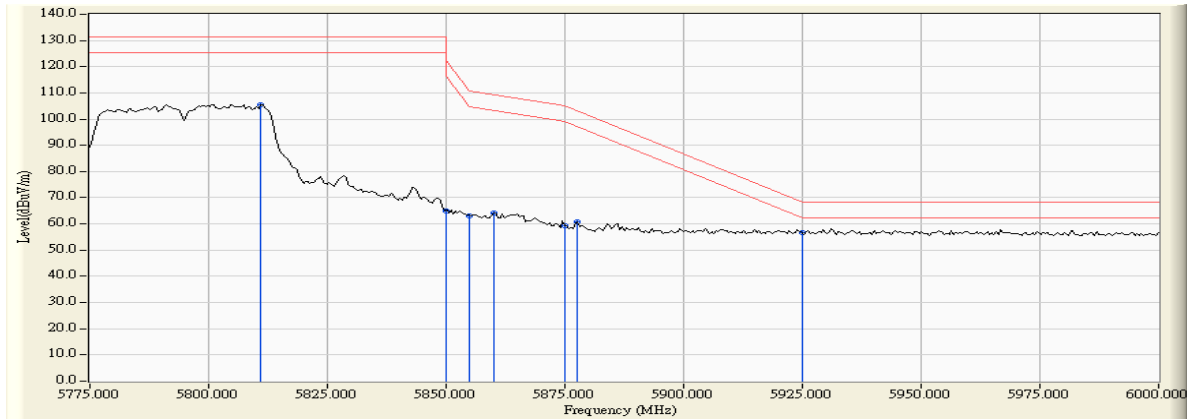
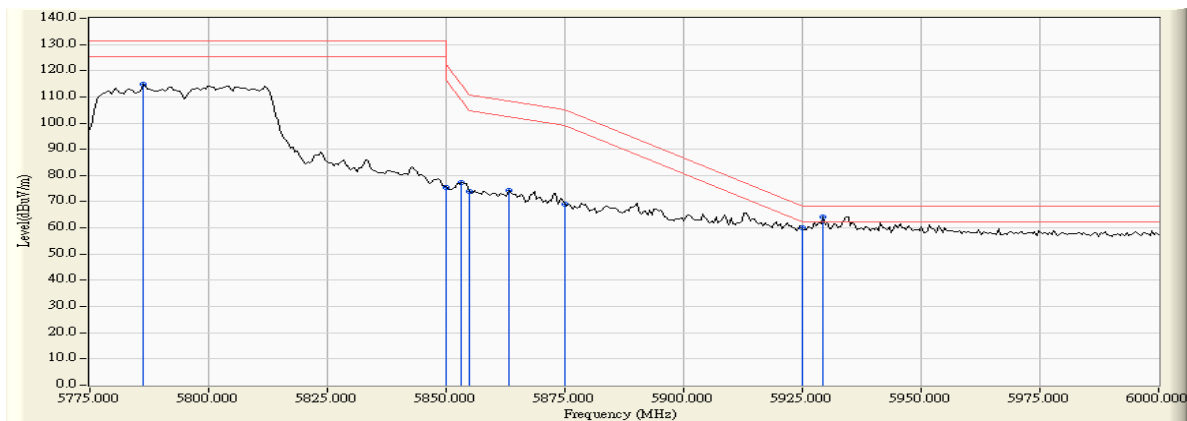


Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 159 (Antenna No.17)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5811.000	11.433	94.218	105.651	-25.549	131.200	Pass
Horizontal	5850.000	11.701	53.413	65.114	-57.086	122.200	Pass
Horizontal	5855.000	11.735	51.336	63.071	-47.729	110.800	Pass
Horizontal	5860.050	11.770	52.475	64.245	-45.141	109.386	Pass
Horizontal	5875.000	11.873	47.363	59.236	-45.964	105.200	Pass
Horizontal	5877.600	11.891	48.952	60.843	-42.433	103.276	Pass
Horizontal	5925.000	12.068	44.474	56.543	-11.657	68.200	Pass

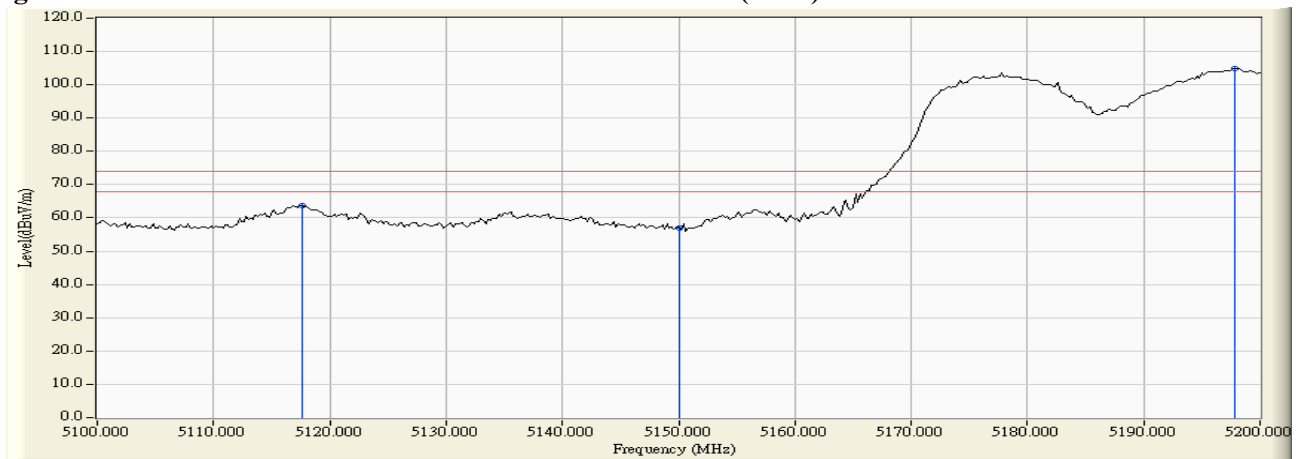
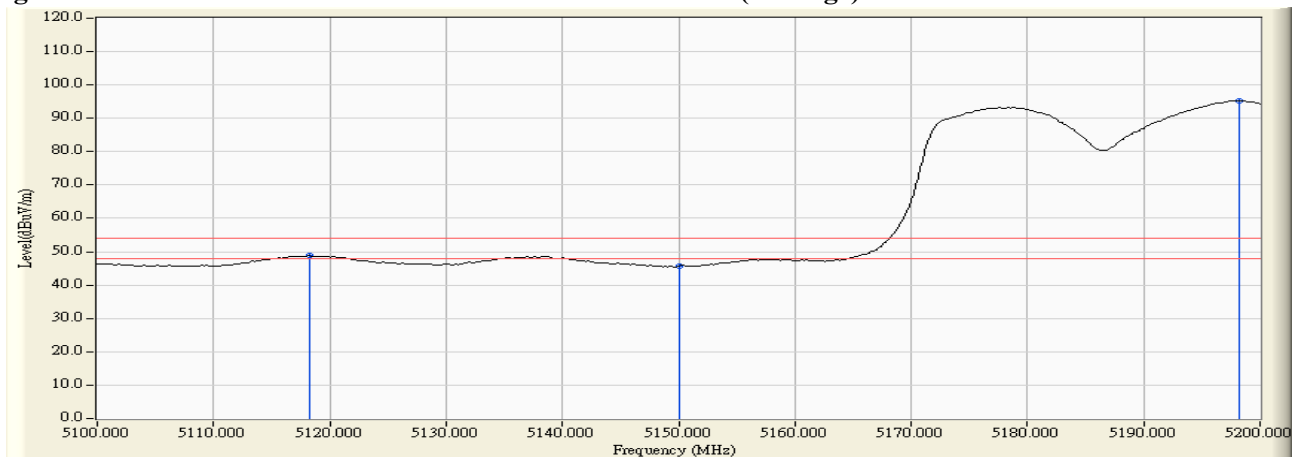


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5786.250	12.715	102.107	114.823	-16.377	131.200	Pass
Vertical	5850.000	12.774	62.844	75.618	-46.582	122.200	Pass
Vertical	5853.300	12.780	64.643	77.423	-37.253	114.676	Pass
Vertical	5855.000	12.784	61.035	73.819	-36.981	110.800	Pass
Vertical	5863.200	12.800	61.624	74.424	-34.080	108.504	Pass
Vertical	5875.000	12.825	56.306	69.131	-36.069	105.200	Pass
Vertical	5925.000	12.911	46.981	59.892	-8.308	68.200	Pass
Vertical	5929.350	12.917	51.215	64.132	-4.068	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 42 (Antenna No.17)

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)	5117.600	10.551	53.235	63.786	74.00	54.00	Pass
42 (Peak)	5150.000	10.470	46.332	56.803	74.00	54.00	Pass
42 (Peak)	5197.800	10.339	94.566	104.905	--	--	--
42 (Average)	5118.200	10.550	38.237	48.787	74.00	54.00	Pass
42 (Average)	5150.000	10.470	35.323	45.794	74.00	54.00	Pass
42 (Average)	5198.200	10.338	84.945	95.283	--	--	--

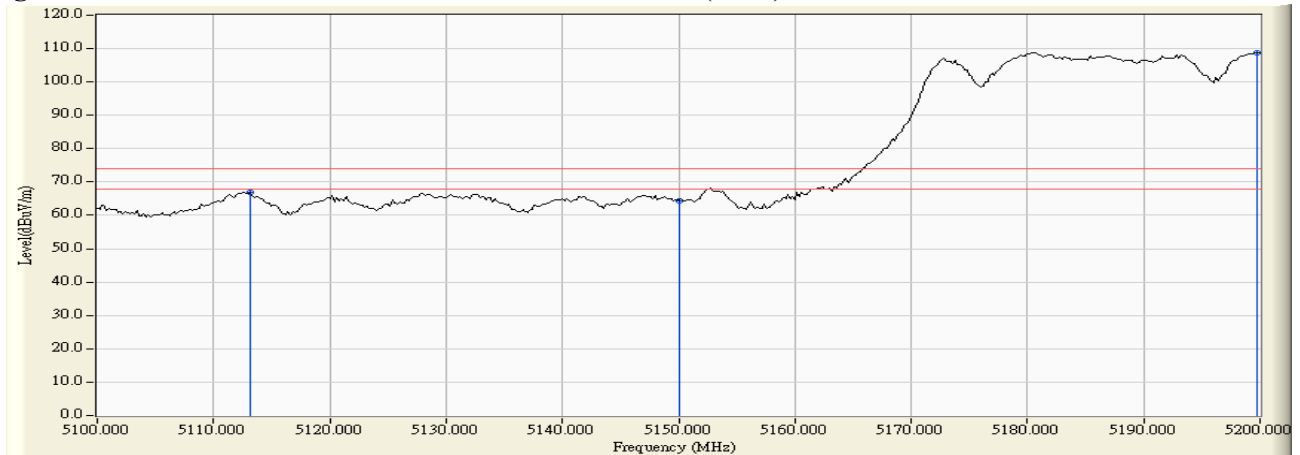
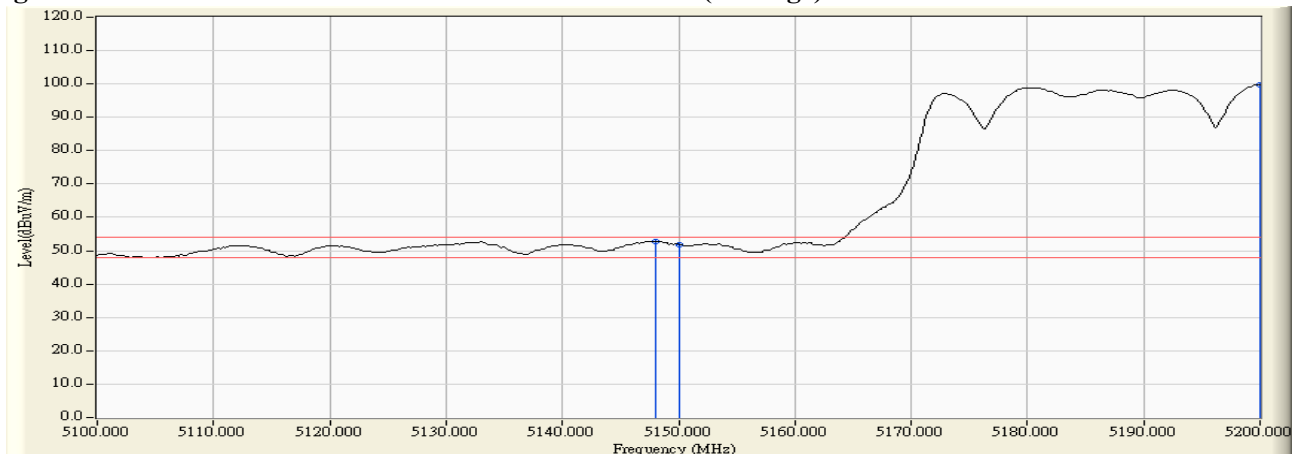
Figure Channel 42: Horizontal (Peak)

Figure Channel 42: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 42 (Antenna No.17)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
42 (Peak)	5113.200	12.253	54.594	66.846	74.00	54.00	Pass
42 (Peak)	5150.000	12.390	51.886	64.276	74.00	54.00	Pass
42 (Peak)	5199.800	12.567	96.262	108.830	--	--	--
42 (Average)	5148.000	12.382	40.510	52.893	74.00	54.00	Pass
42 (Average)	5150.000	12.390	39.391	51.781	74.00	54.00	Pass
42 (Average)	5200.000	12.569	87.248	99.817	--	--	--

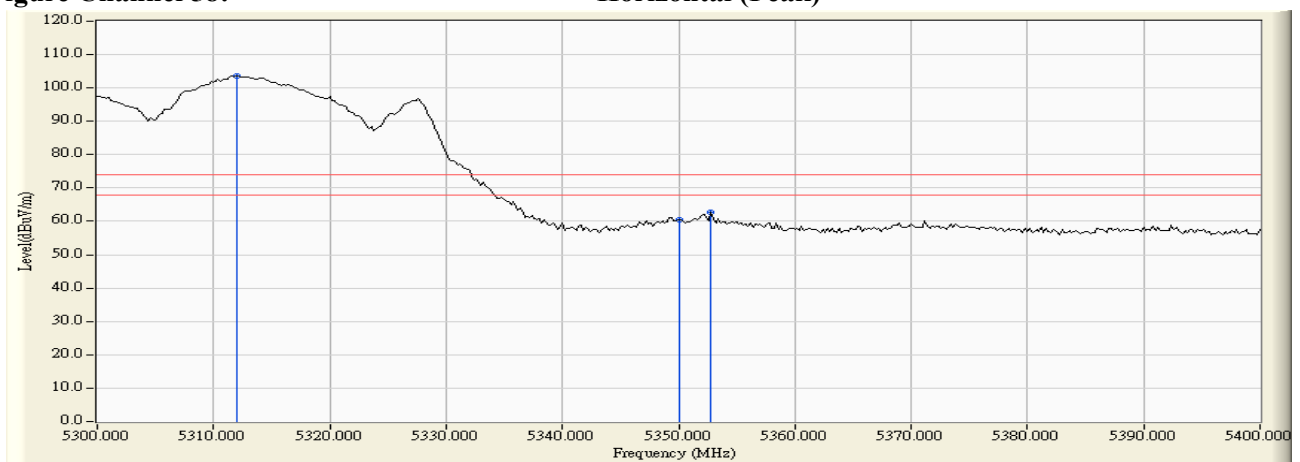
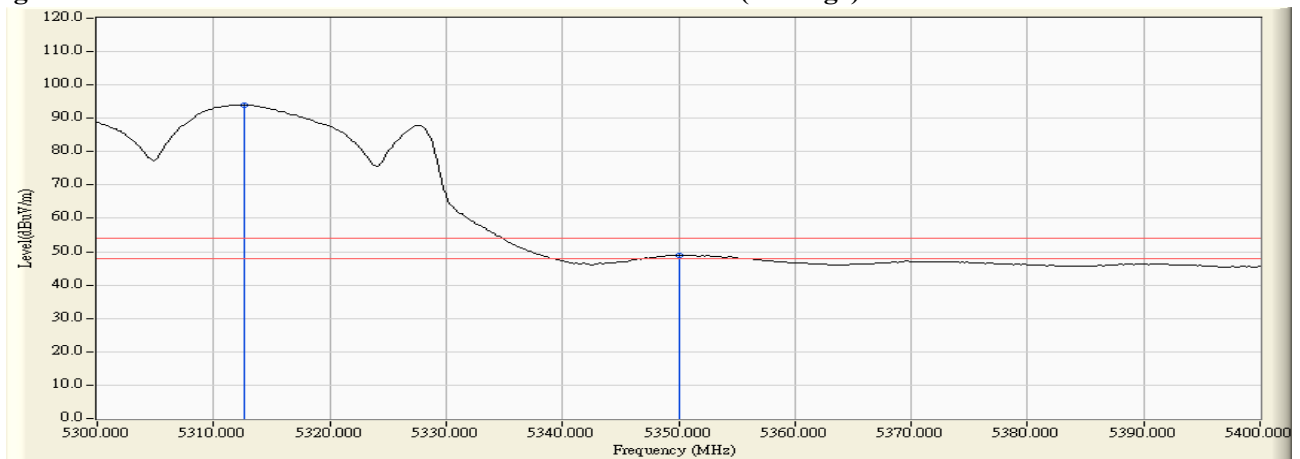
Figure Channel 42: Vertical (Peak)**Figure Channel 42: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 58 (Antenna No.17)

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)	5312.000	11.121	92.523	103.644	--	--	--
58 (Peak)	5350.000	11.024	49.603	60.627	74.00	54.00	Pass
58 (Peak)	5352.800	11.016	51.563	62.580	74.00	54.00	Pass
58 (Average)	5312.600	11.119	82.966	94.086	--	--	--
58 (Average)	5350.000	11.024	37.891	48.915	74.00	54.00	Pass

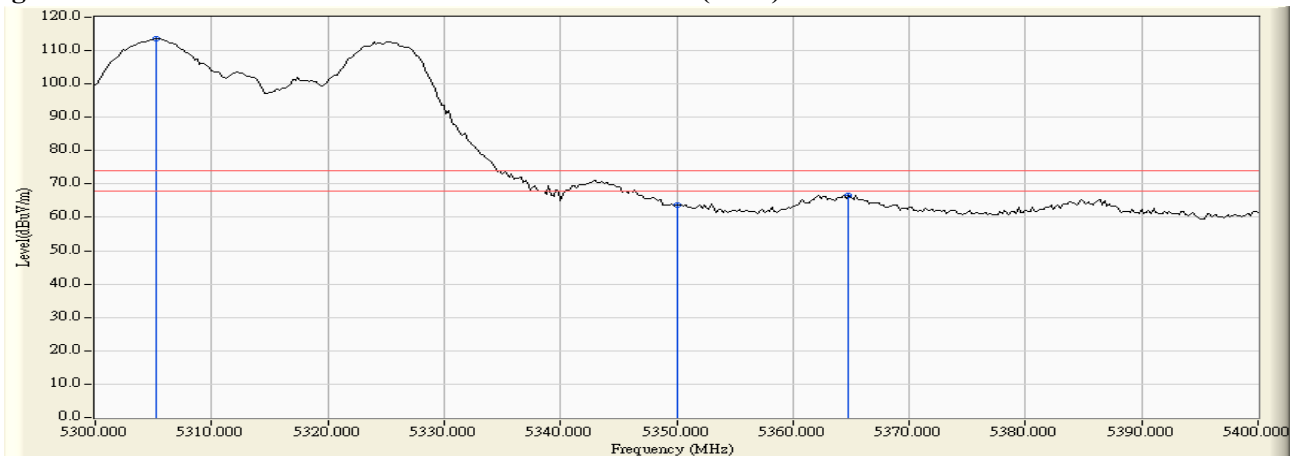
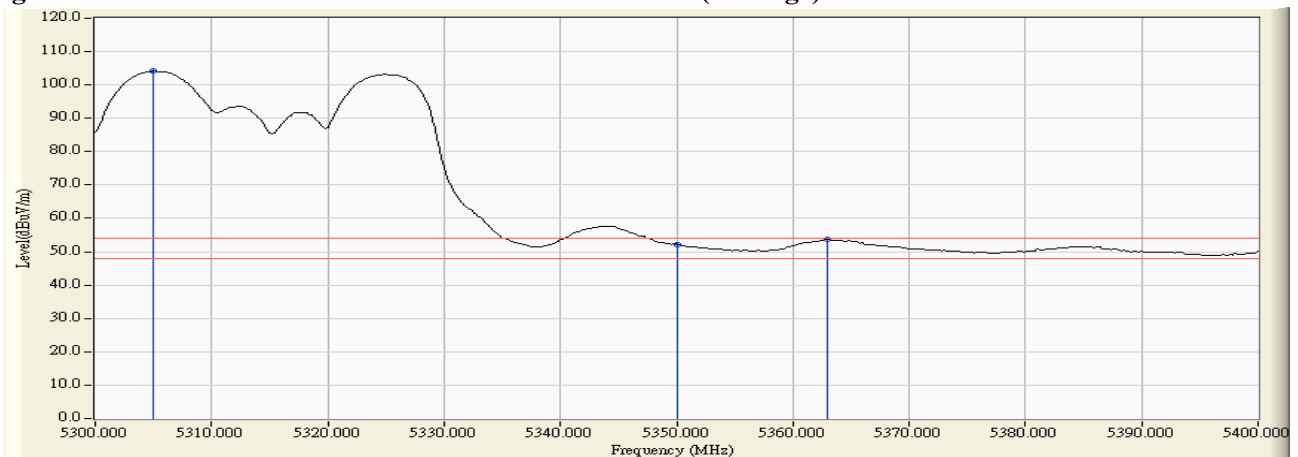
Figure Channel 58: Horizontal (Peak)

Figure Channel 58: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 58 (Antenna No.17)

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)	5305.200	13.027	100.501	113.528	--	--	--
58 (Peak)	5350.000	12.999	50.747	63.746	74.00	54.00	Pass
58 (Peak)	5364.800	12.989	53.719	66.707	74.00	54.00	Pass
58 (Average)	5305.000	13.027	91.055	104.082	--	--	--
58 (Average)	5350.000	12.999	39.027	52.026	74.00	54.00	Pass
58 (Average)	5363.000	12.989	40.657	53.646	74.00	54.00	Pass

Figure Channel 58:**Vertical (Peak)****Figure Channel 58:****Vertical (Average)**

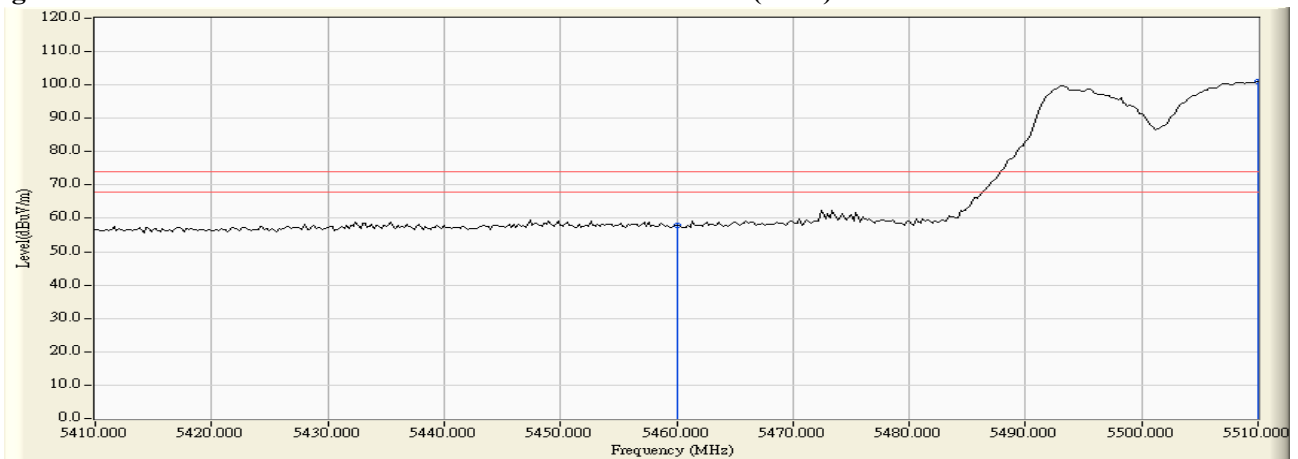
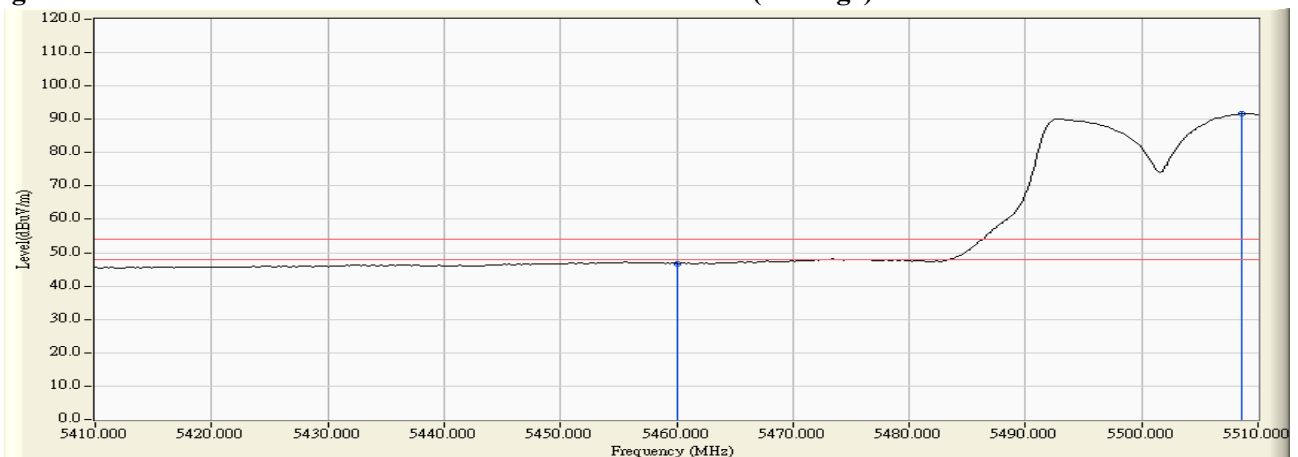
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.17)

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)	5460.000	11.703	46.348	58.051	74.00	54.00	Pass
106 (Peak)	5510.000	12.164	88.949	101.112	--	--	--
106 (Average)	5460.000	11.703	35.045	46.748	74.00	54.00	Pass
106 (Average)	5508.600	12.174	79.626	91.801	--	--	--

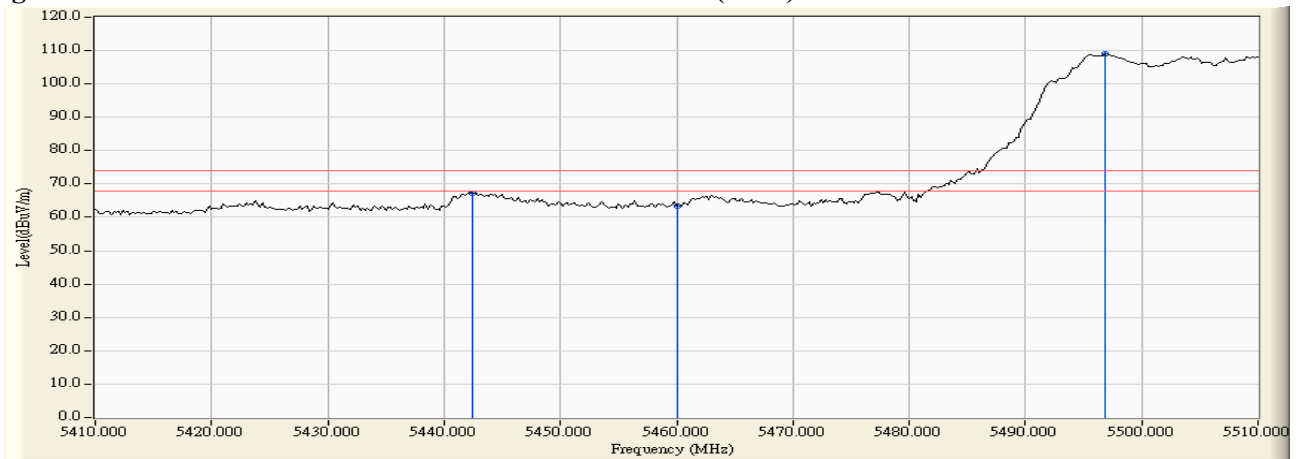
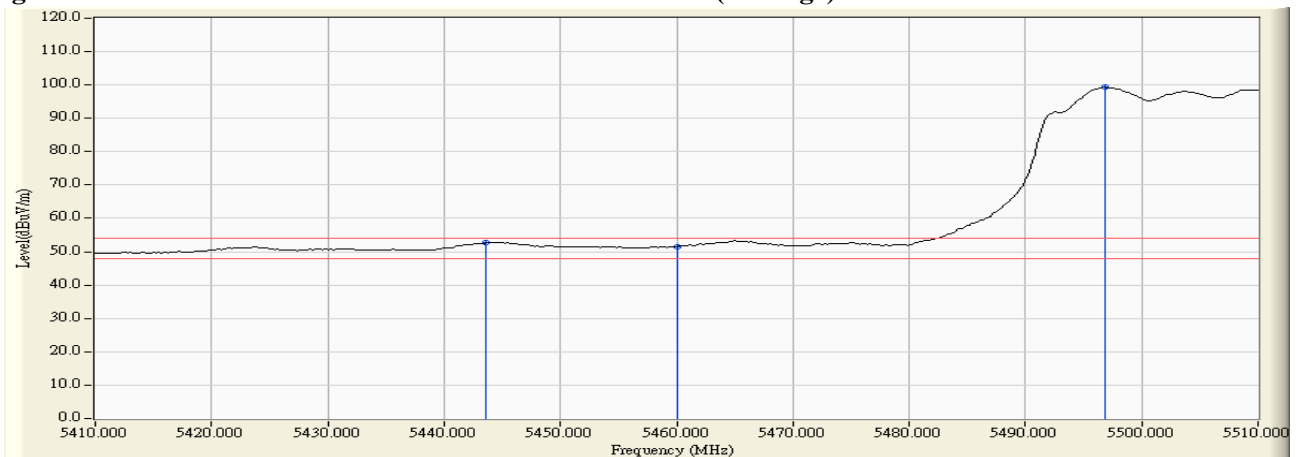
Figure Channel 106:
Horizontal (Peak)

Figure Channel 106:
Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.17)

RF Radiated Measurement (Vertical):

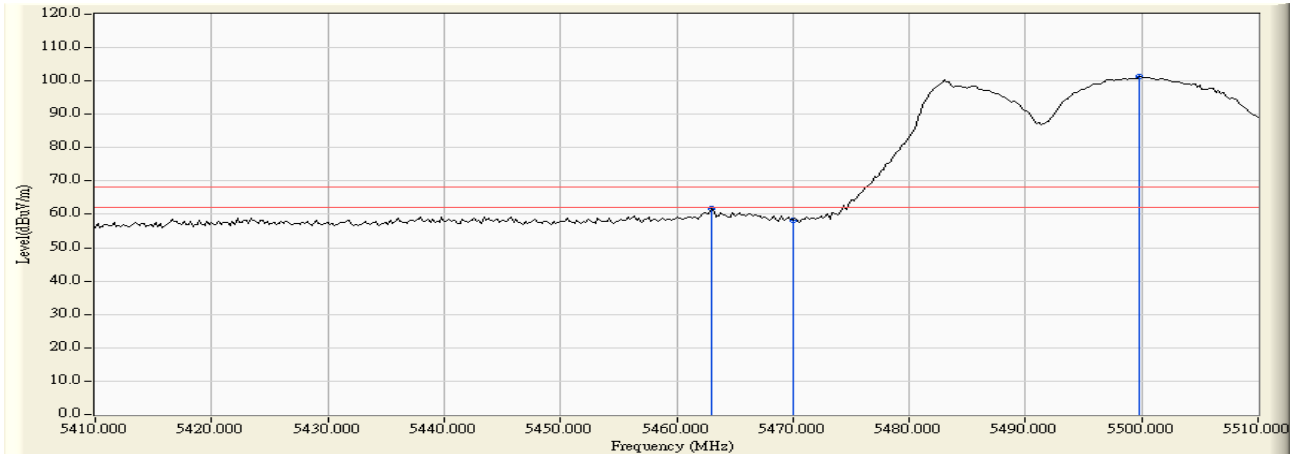
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
106 (Peak)	5442.400	13.266	54.075	67.341	74.00	54.00	Pass
106 (Peak)	5460.000	13.390	50.002	63.392	74.00	54.00	Pass
106 (Peak)	5496.800	13.620	95.457	109.076	--	--	--
106 (Average)	5443.600	13.275	39.582	52.856	74.00	54.00	Pass
106 (Average)	5460.000	13.390	38.138	51.528	74.00	54.00	Pass
106 (Average)	5496.800	13.620	85.680	99.299	--	--	--

Figure Channel 106:**Vertical (Peak)****Figure Channel 106:****Vertical (Average)**

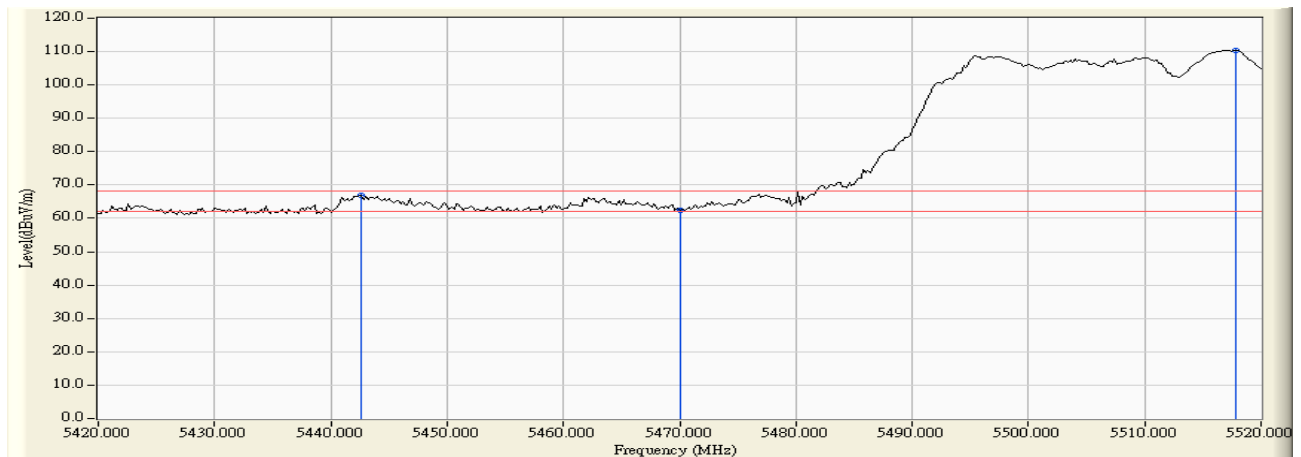
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.17)

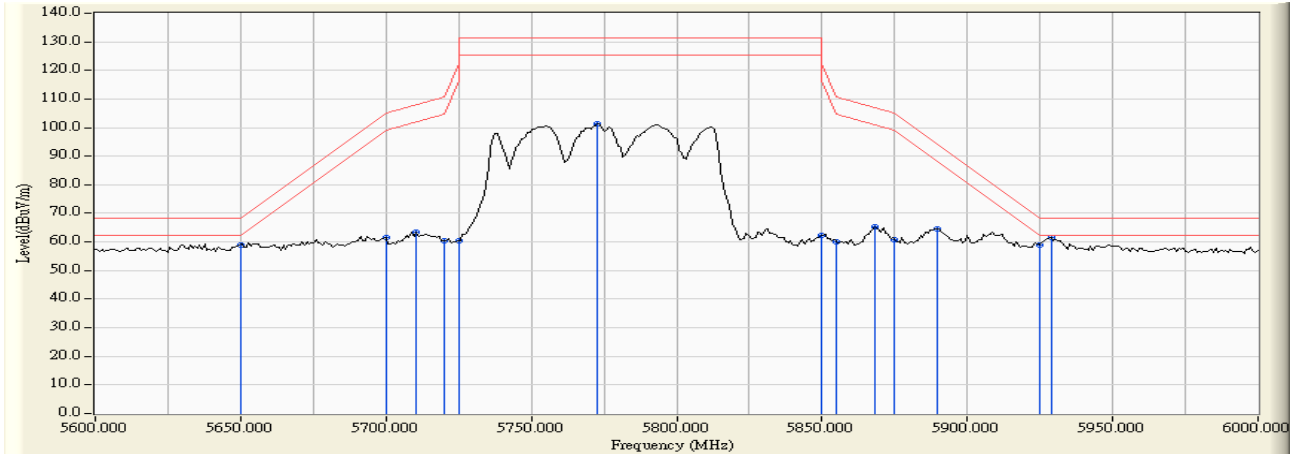
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5463.000	11.744	50.075	61.819	-6.401	68.220	Pass
Horizontal	5470.000	11.838	46.391	58.229	-9.991	68.220	Pass
Horizontal	5499.800	12.167	89.017	101.185	32.965	68.220	Pass

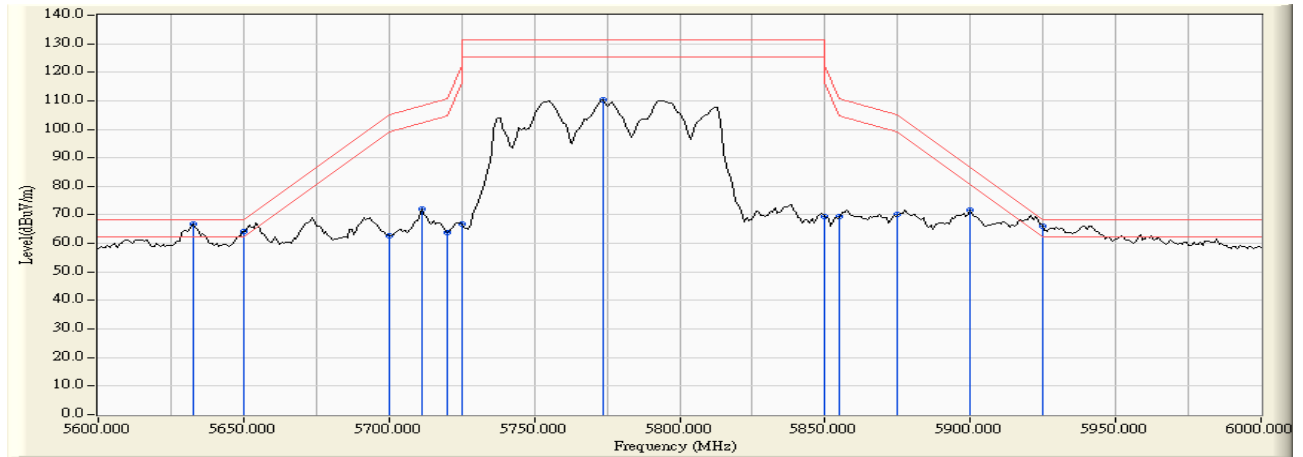


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5442.600	13.268	53.780	67.047	-1.173	68.220	Pass
Vertical	5470.000	13.462	48.869	62.331	-5.889	68.220	Pass
Vertical	5517.800	13.562	96.823	110.385	42.165	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/24
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps)-Channel 155 (Antenna No.17)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5650.000	11.554	47.532	59.087	-9.133	68.220	Pass
Horizontal	5700.000	11.647	49.747	61.394	-43.806	105.200	Pass
Horizontal	5710.400	11.636	51.809	63.446	-44.666	108.112	Pass
Horizontal	5720.000	11.607	48.826	60.433	-50.367	110.800	Pass
Horizontal	5725.000	11.592	48.818	60.410	-61.790	122.200	Pass
Horizontal	5772.800	11.440	89.876	101.317	-29.883	131.200	Pass
Horizontal	5850.000	11.701	50.490	62.191	-60.009	122.200	Pass
Horizontal	5855.000	11.735	48.163	59.898	-50.902	110.800	Pass
Horizontal	5868.000	11.824	53.322	65.146	-42.014	107.160	Pass
Horizontal	5875.000	11.873	48.829	60.702	-44.498	105.200	Pass
Horizontal	5889.600	11.977	52.528	64.504	-29.892	94.396	Pass
Horizontal	5925.000	12.068	47.010	59.079	-9.121	68.200	Pass
Horizontal	5928.800	12.072	49.663	61.735	-6.465	68.200	Pass

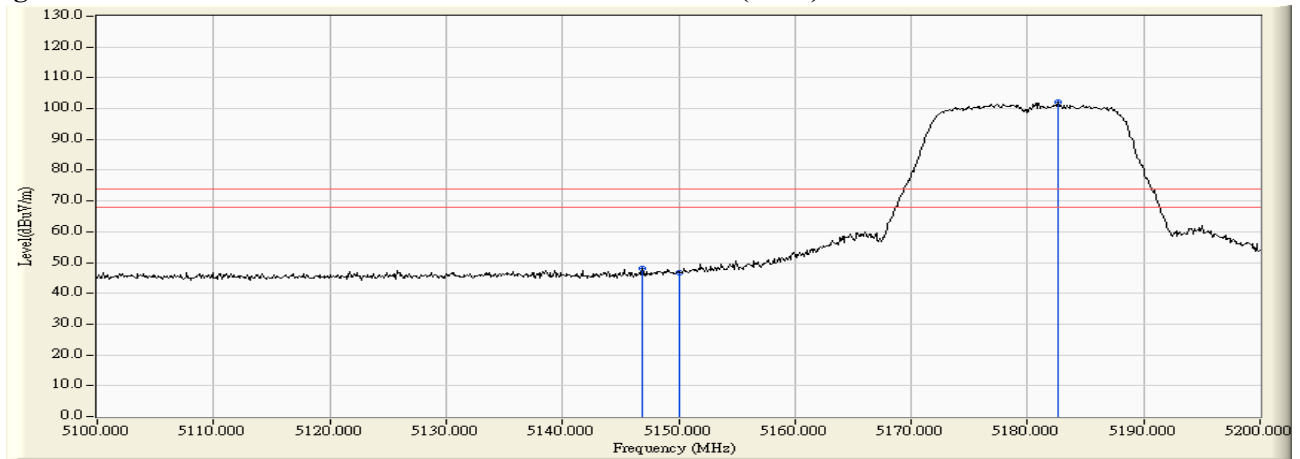
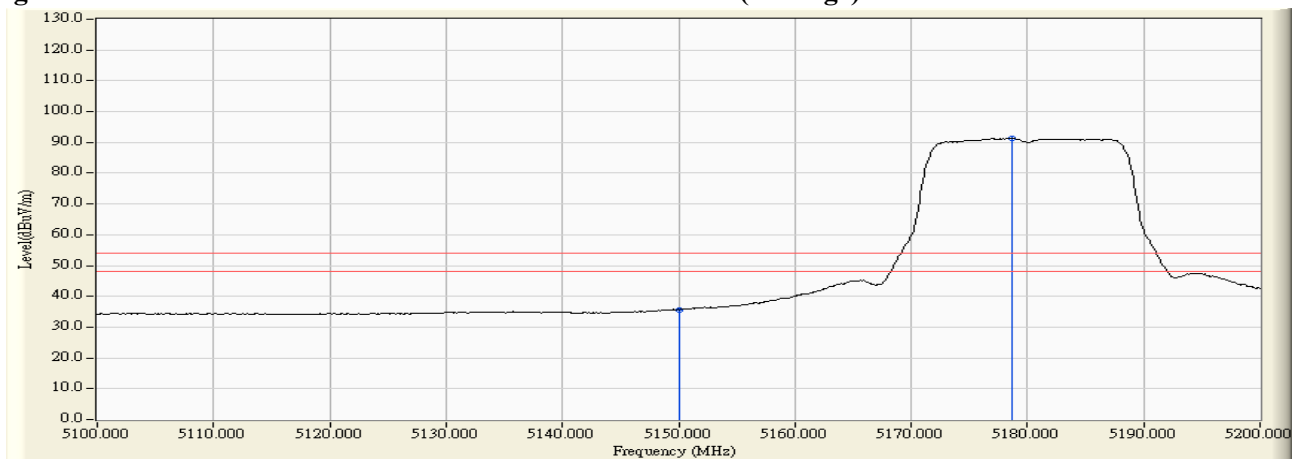


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5632.800	13.034	53.669	66.703	-1.517	68.220	Pass
Vertical	5650.000	13.029	51.193	64.222	-3.998	68.220	Pass
Vertical	5700.000	13.003	49.687	62.690	-42.510	105.200	Pass
Vertical	5711.200	12.977	59.196	72.173	-36.163	108.336	Pass
Vertical	5720.000	12.947	50.936	63.883	-46.917	110.800	Pass
Vertical	5725.000	12.930	53.934	66.864	-55.336	122.200	Pass
Vertical	5773.600	12.760	97.416	110.176	-21.024	131.200	Pass
Vertical	5850.000	12.774	56.657	69.431	-52.769	122.200	Pass
Vertical	5855.000	12.784	56.652	69.436	-41.364	110.800	Pass
Vertical	5875.000	12.825	57.232	70.057	-35.143	105.200	Pass
Vertical	5900.000	12.877	58.890	71.767	-14.933	86.700	Pass
Vertical	5925.000	12.911	53.091	66.002	-2.198	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 36 (Antenna No.18)

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
36 (Peak)	5146.900	10.478	37.668	48.147	74.00	54.00	Pass
36 (Peak)	5150.000	10.470	36.368	46.839	74.00	54.00	Pass
36 (Peak)	5182.600	10.386	91.690	102.077	--	--	--
36 (Average)	5150.000	10.470	25.191	35.662	74.00	54.00	Pass
36 (Average)	5178.700	10.397	80.907	91.304	--	--	--

Figure Channel 36: Horizontal (Peak)

Figure Channel 36: Horizontal (Average)


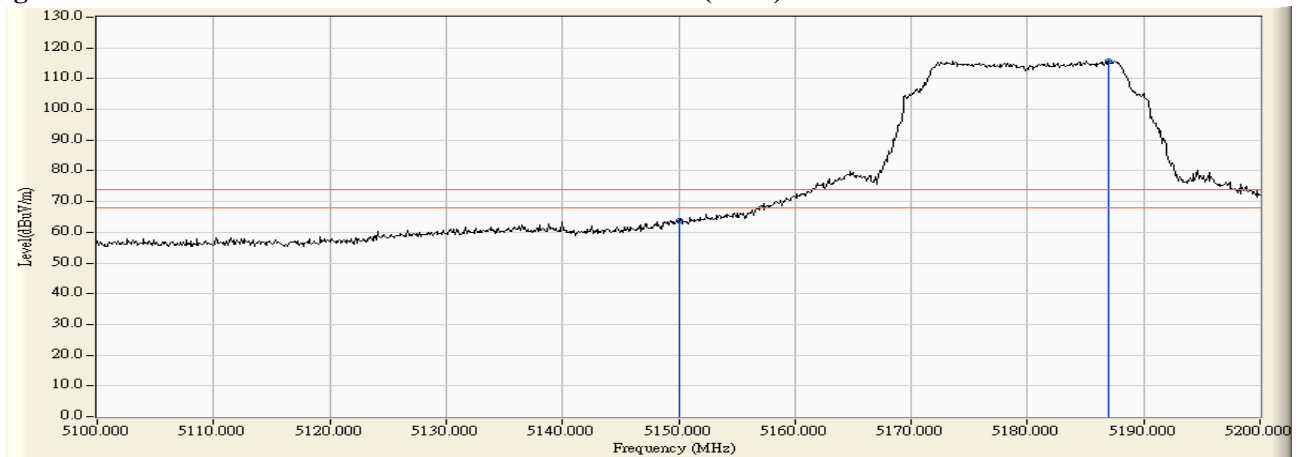
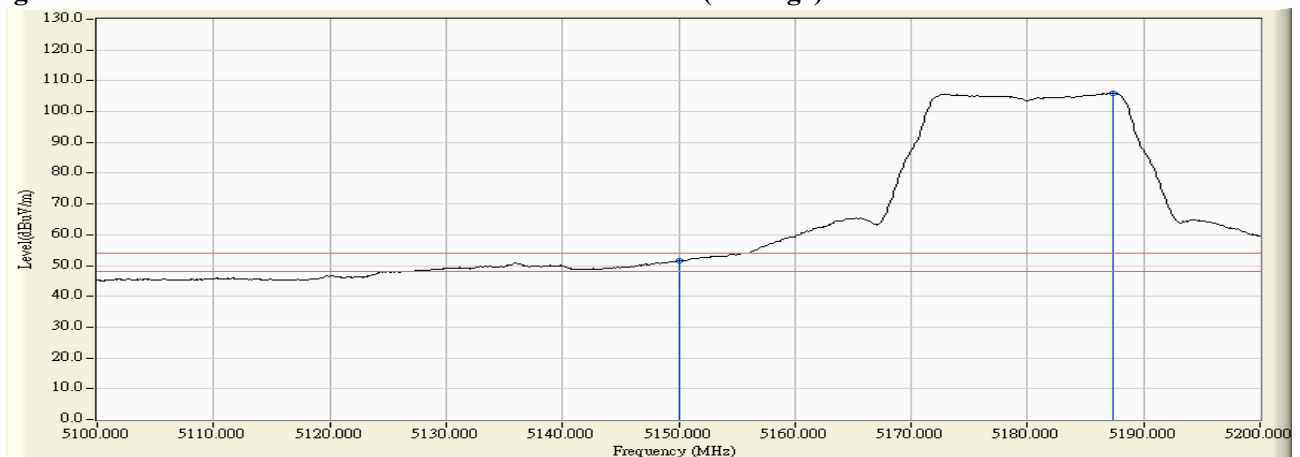
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 36 (Antenna No.18)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
36 (Peak)	5150.000	12.390	51.418	63.808	74.00	54.00	Pass
36 (Peak)	5187.000	12.528	103.288	115.816	--	--	--
36 (Average)	5150.000	12.390	39.254	51.644	74.00	54.00	Pass
36 (Average)	5187.300	12.528	93.484	106.013	--	--	--

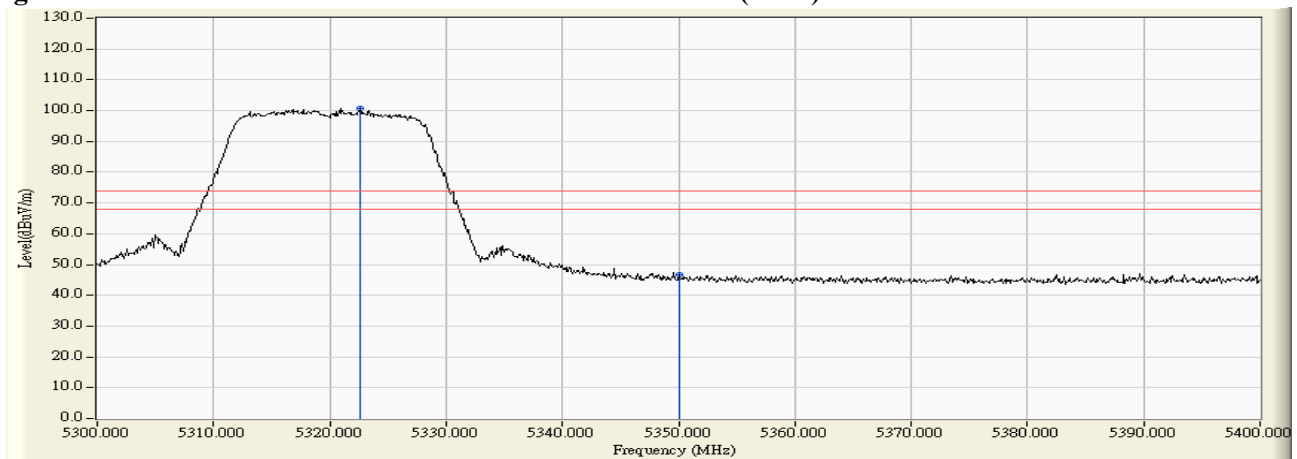
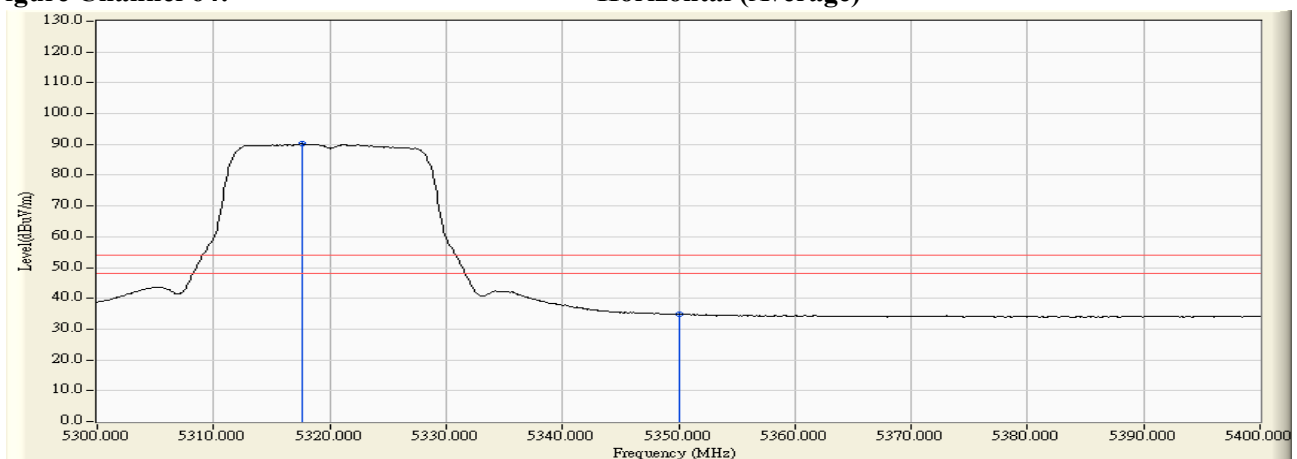
Figure Channel 36: Vertical (Peak)**Figure Channel 36: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 64 (Antenna No.18)

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
64 (Peak)	5322.600	11.094	89.681	100.775	--	--	--
64 (Peak)	5350.000	11.024	35.666	46.690	74.00	54.00	Pass
64 (Average)	5317.600	11.107	79.014	90.121	--	--	--
64 (Average)	5350.000	11.024	23.704	34.728	74.00	54.00	Pass

Figure Channel 64: Horizontal (Peak)

Figure Channel 64: Horizontal (Average)


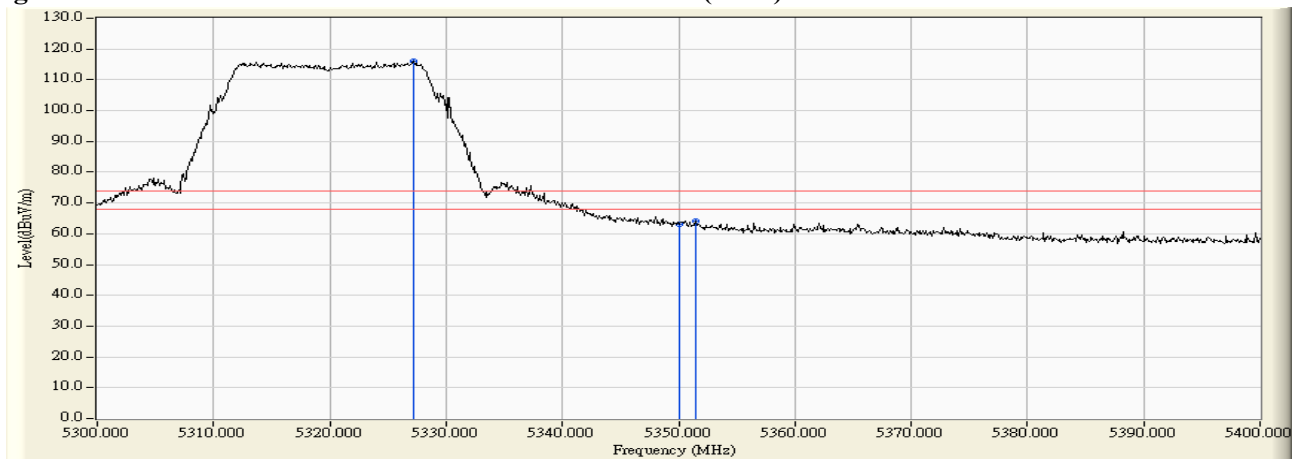
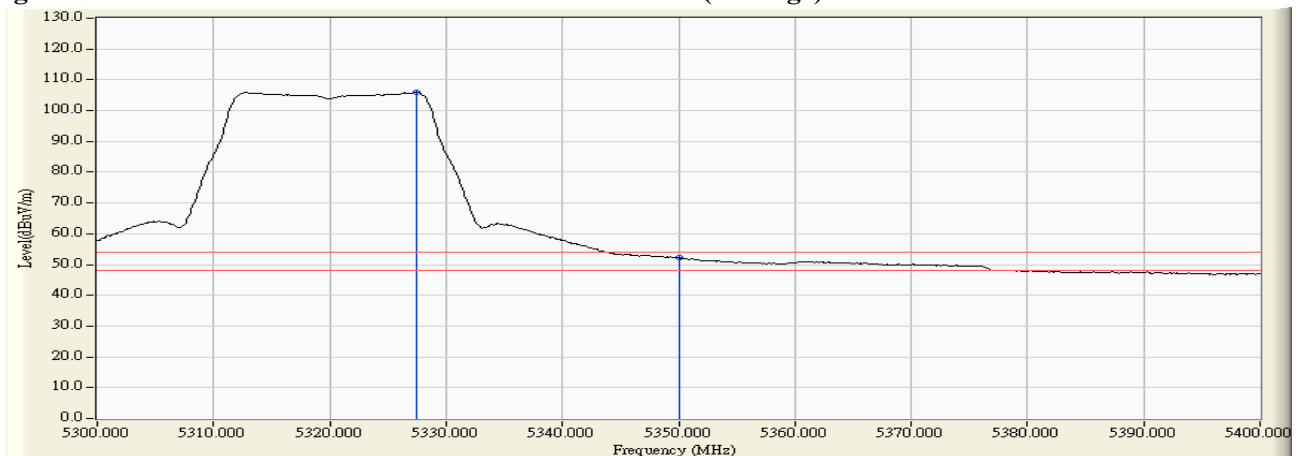
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 64 (Antenna No.18)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
64 (Peak)	5327.200	13.013	102.905	115.918	--	--	--
64 (Peak)	5350.000	12.999	49.962	62.961	74.00	54.00	Pass
64 (Peak)	5351.500	12.999	51.091	64.089	74.00	54.00	Pass
64 (Average)	5327.500	13.013	92.912	105.925	--	--	--
64 (Average)	5350.000	12.999	39.160	52.159	74.00	54.00	Pass

Figure Channel 64: Vertical (Peak)**Figure Channel 64: Vertical (Average)**

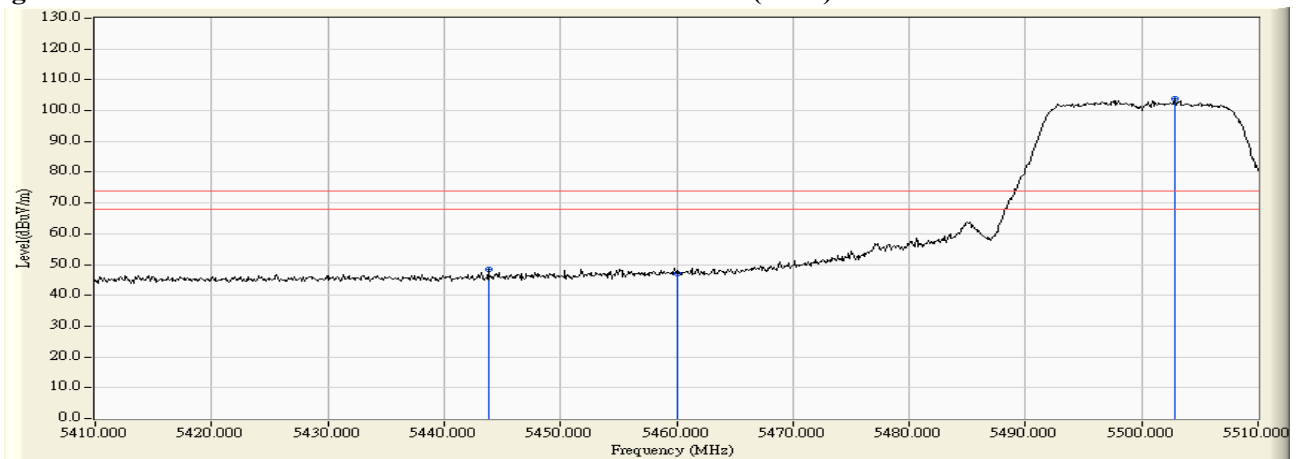
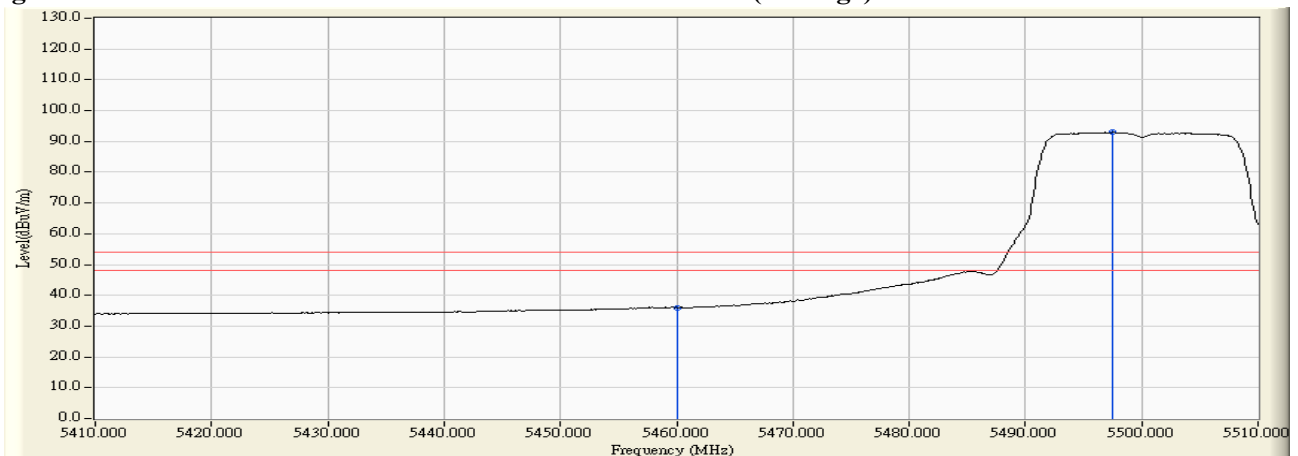
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100 (Antenna No.18)

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
100 (Peak)	5443.800	11.485	36.939	48.424	74.00	54.00	Pass
100 (Peak)	5460.000	11.703	35.300	47.003	74.00	54.00	Pass
100 (Peak)	5502.900	12.190	91.608	103.797	--	--	--
100 (Average)	5460.000	11.703	24.320	36.023	74.00	54.00	Pass
100 (Average)	5497.500	12.152	80.826	92.977	--	--	--

Figure Channel 100:**Horizontal (Peak)****Figure Channel 100:****Horizontal (Average)**

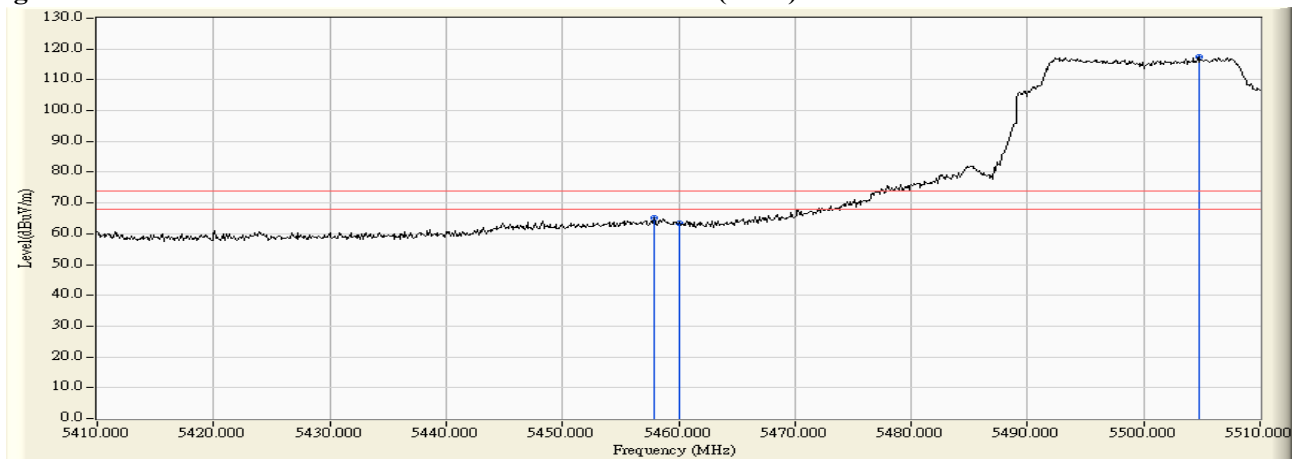
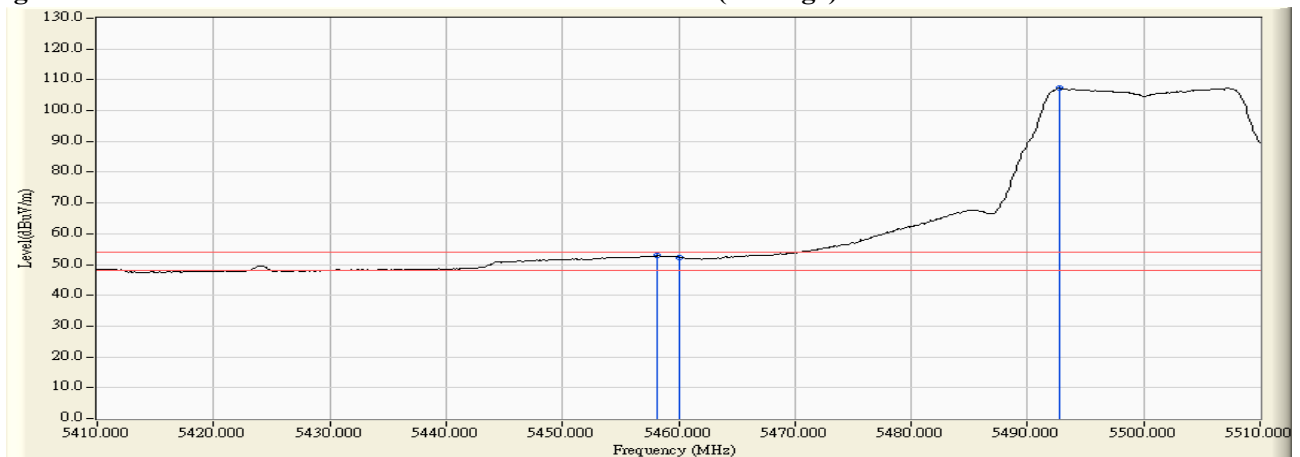
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100 (Antenna No.18)

RF Radiated Measurement (Vertical):

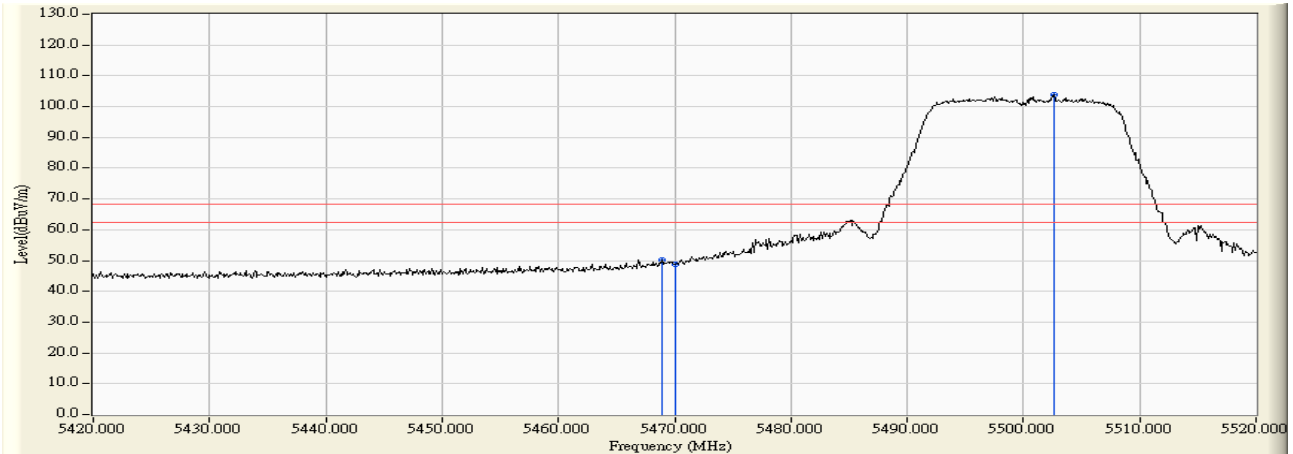
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
100 (Peak)	5457.900	13.375	51.839	65.214	74.00	54.00	Pass
100 (Peak)	5460.000	13.390	50.108	63.498	74.00	54.00	Pass
100 (Peak)	5504.700	13.644	103.701	117.345	--	--	--
100 (Average)	5458.200	13.377	39.437	52.814	74.00	54.00	Pass
100 (Average)	5460.000	13.390	39.005	52.395	74.00	54.00	Pass
100 (Average)	5492.700	13.606	93.708	107.314	--	--	--

Figure Channel 100:**Vertical (Peak)****Figure Channel 100:****Vertical (Average)**

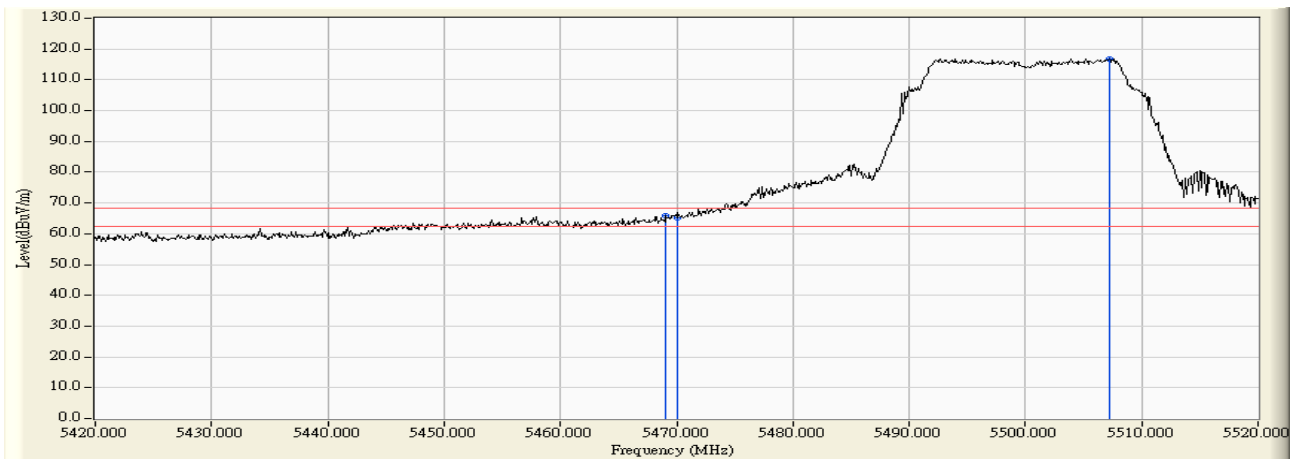
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100 (Antenna No.18)

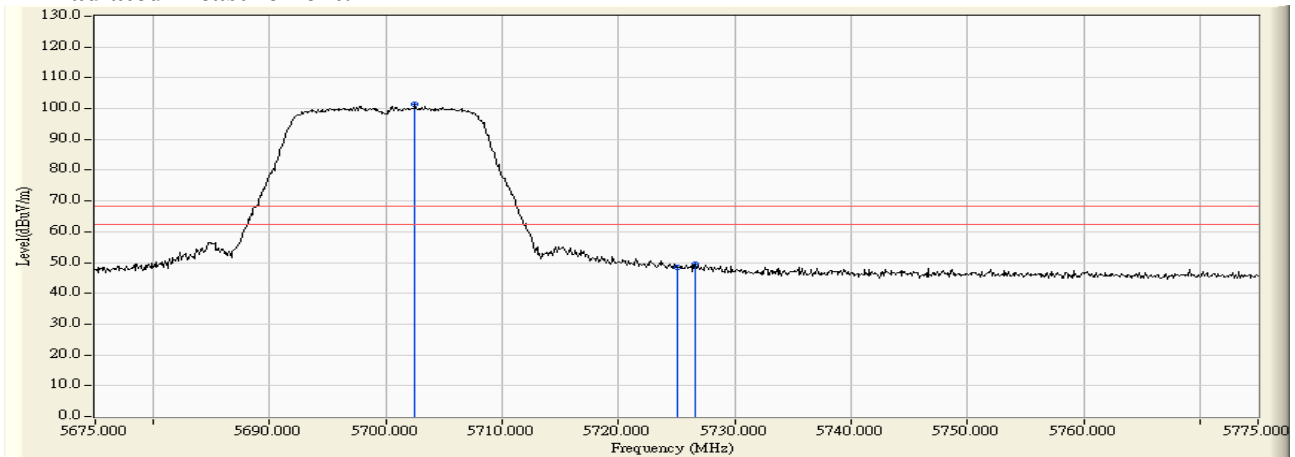
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5468.900	11.824	38.443	50.267	-17.953	68.220	Pass
Horizontal	5470.000	11.838	36.800	48.638	-19.582	68.220	Pass
Horizontal	5502.600	12.187	91.500	103.687	35.467	68.220	Pass

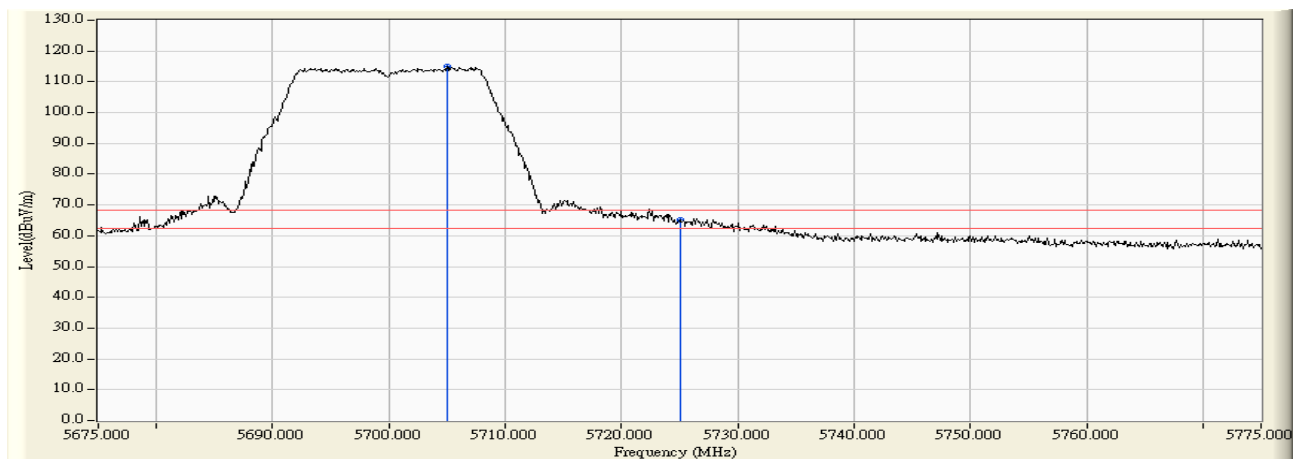


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5469.100	13.456	52.434	65.889	-2.331	68.220	Pass
Vertical	5470.000	13.462	51.750	65.212	-3.008	68.220	Pass
Vertical	5507.200	13.631	103.241	116.872	48.652	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 140 (Antenna No.18)

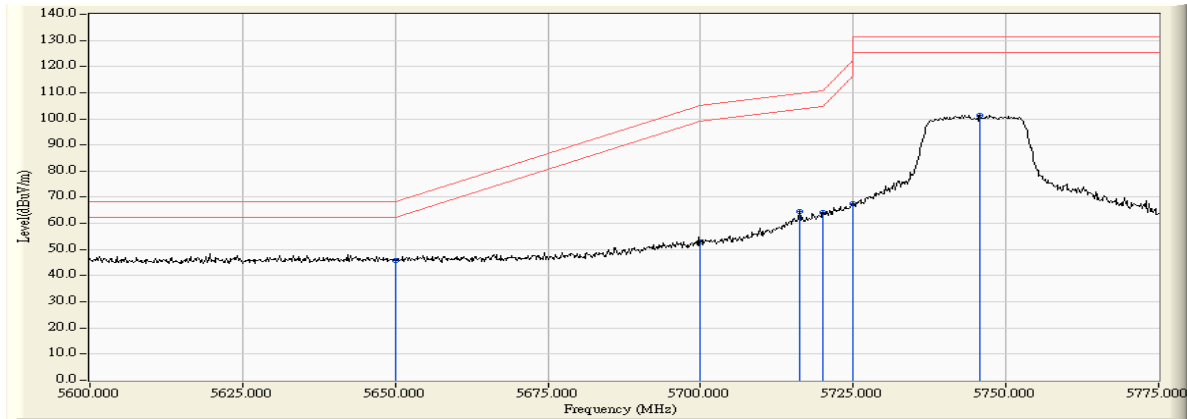
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5702.500	11.646	89.839	101.485	33.265	68.220	Pass
Horizontal	5725.000	11.592	36.723	48.315	-19.905	68.220	Pass
Horizontal	5726.600	11.587	37.865	49.452	-18.768	68.220	Pass

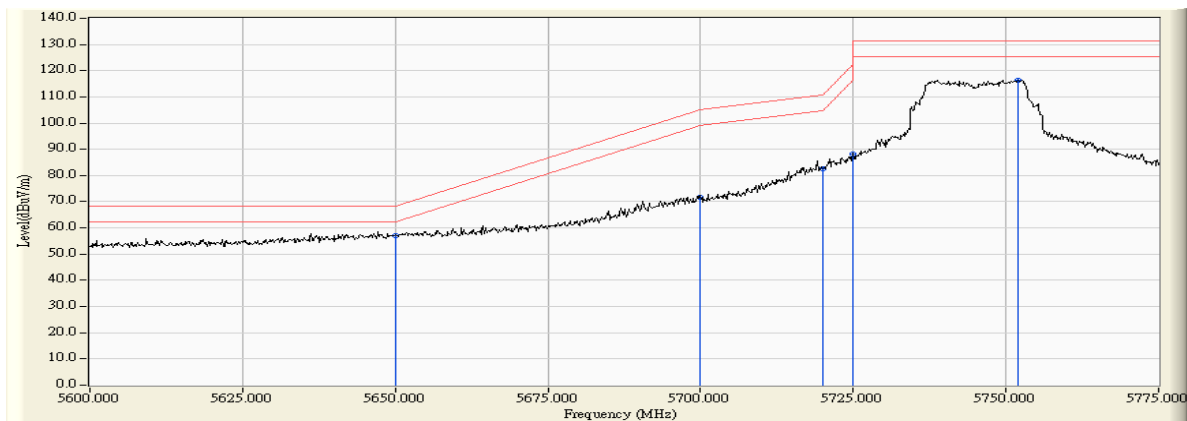


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5705.000	12.993	101.983	114.976	46.756	68.220	Pass
Vertical	5725.000	12.930	52.392	65.322	-2.898	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 149 (Antenna No.18)

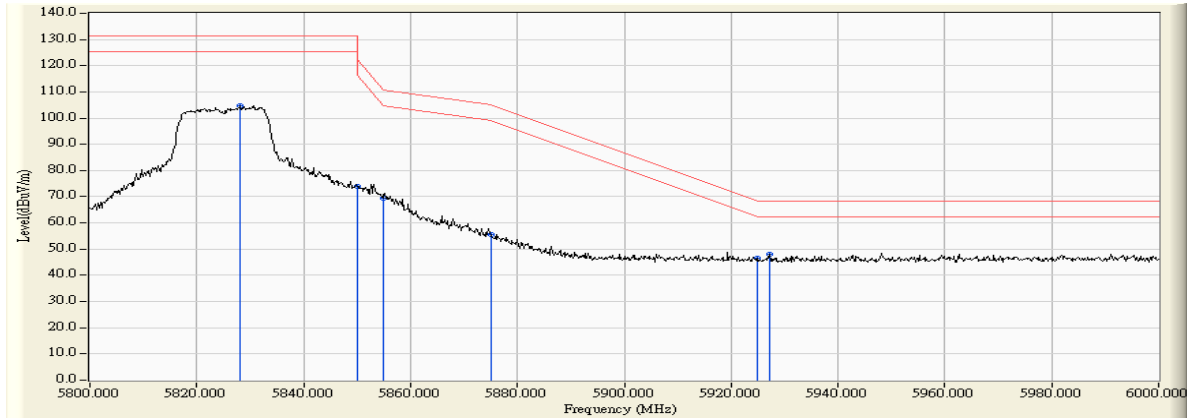
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5650.000	11.554	34.423	45.978	-22.242	68.220	Pass
Horizontal	5700.000	11.647	41.348	52.995	-52.205	105.200	Pass
Horizontal	5716.200	11.619	52.872	64.491	-45.245	109.736	Pass
Horizontal	5720.000	11.607	52.541	64.148	-46.652	110.800	Pass
Horizontal	5725.000	11.592	56.011	67.603	-54.597	122.200	Pass
Horizontal	5745.775	11.526	89.971	101.497	-29.703	131.200	Pass

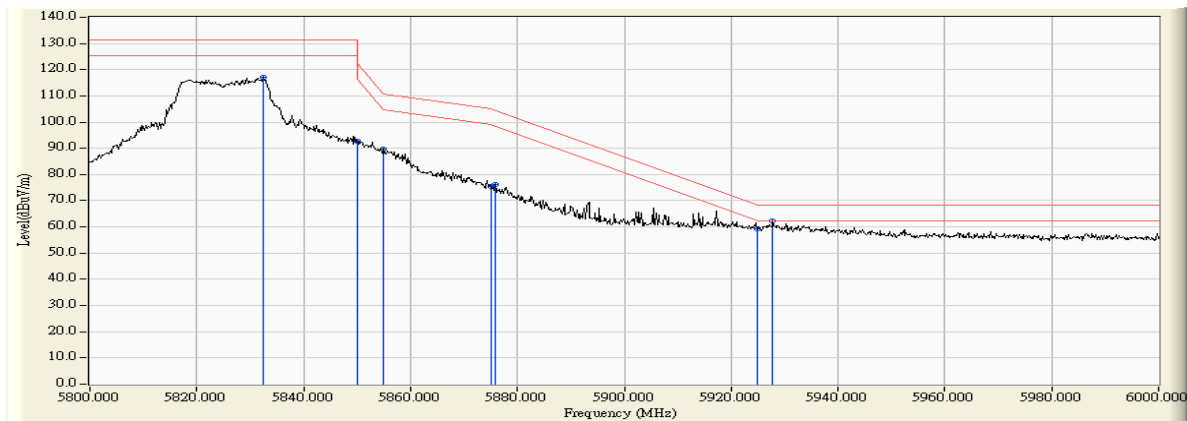


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5650.000	13.029	44.167	57.196	-11.024	68.220	Pass
Vertical	5700.000	13.003	58.613	71.616	-33.584	105.200	Pass
Vertical	5720.000	12.947	69.775	82.722	-28.078	110.800	Pass
Vertical	5725.000	12.930	75.156	88.086	-34.114	122.200	Pass
Vertical	5751.900	12.836	103.616	116.452	-14.748	131.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 165 (Antenna No.18)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5828.200	11.550	93.237	104.787	-26.413	131.200	Pass
Horizontal	5850.000	11.701	62.311	74.012	-48.188	122.200	Pass
Horizontal	5855.000	11.735	57.799	69.534	-41.266	110.800	Pass
Horizontal	5875.000	11.873	43.494	55.367	-49.833	105.200	Pass
Horizontal	5925.000	12.068	34.587	46.656	-21.544	68.200	Pass
Horizontal	5927.200	12.071	36.092	48.163	-20.037	68.200	Pass

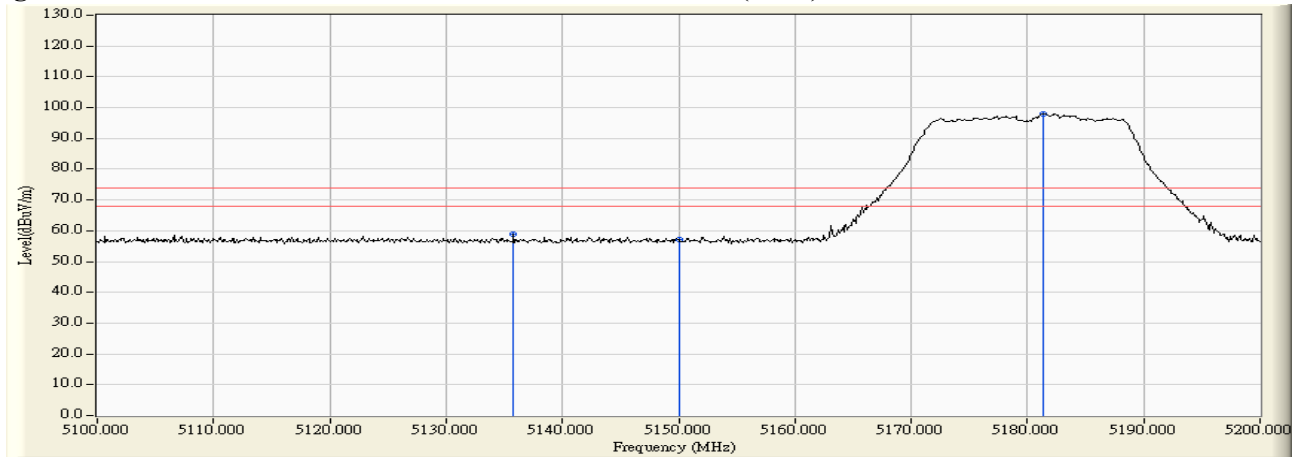
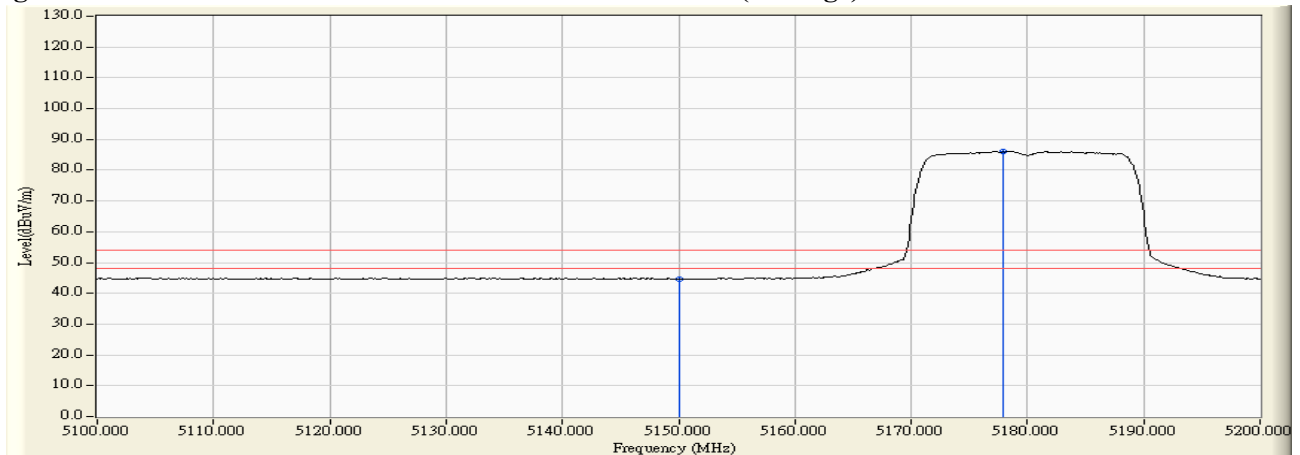


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5832.400	12.737	104.224	116.961	-14.239	131.200	Pass
Vertical	5850.000	12.774	80.015	92.789	-29.411	122.200	Pass
Vertical	5855.000	12.784	76.828	89.612	-21.188	110.800	Pass
Vertical	5875.000	12.825	62.585	75.410	-29.790	105.200	Pass
Vertical	5875.800	12.828	63.332	76.159	-28.449	104.608	Pass
Vertical	5925.000	12.911	46.551	59.462	-8.738	68.200	Pass
Vertical	5927.800	12.915	49.361	62.276	-5.924	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 36 (Antenna No.18)

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
36 (Peak)	5135.800	10.505	48.291	58.796	74.00	54.00	Pass
36 (Peak)	5150.000	10.470	46.824	57.295	74.00	54.00	Pass
36 (Peak)	5181.400	10.390	87.672	98.062	--	--	--
36 (Average)	5150.000	10.470	34.234	44.705	74.00	54.00	Pass
36 (Average)	5177.900	10.400	75.644	86.043	--	--	--

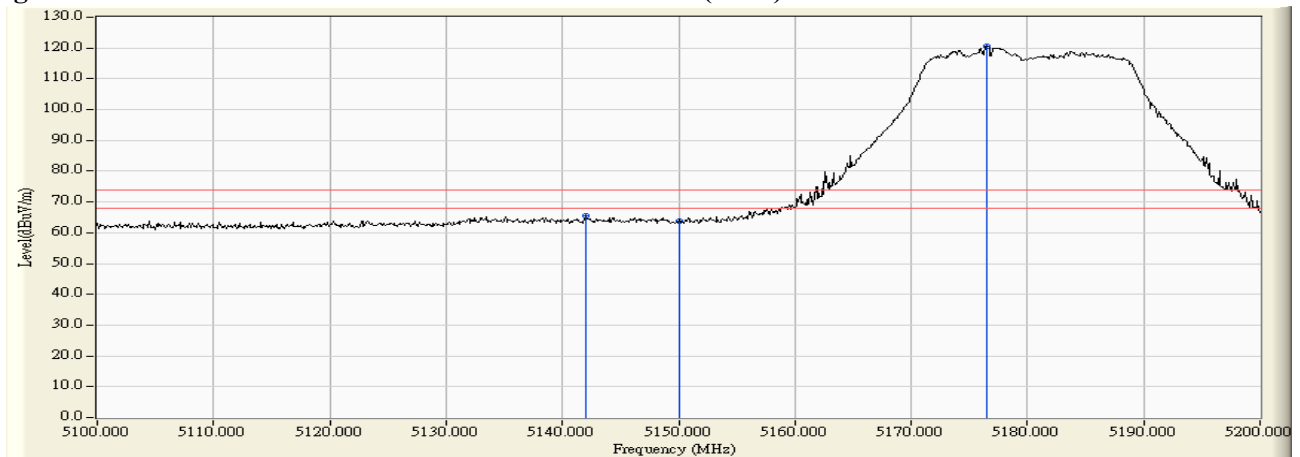
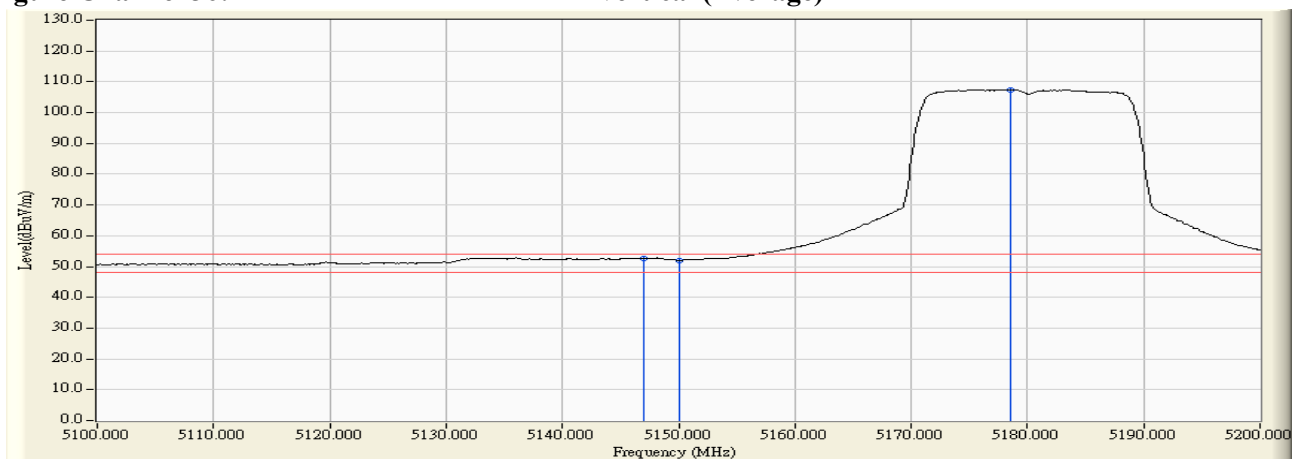
Figure Channel 36: Horizontal (Peak)

Figure Channel 36: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 36 (Antenna No.18)

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
36 (Peak)	5142.000	12.361	53.061	65.421	74.00	54.00	Pass
36 (Peak)	5150.000	12.390	51.517	63.907	74.00	54.00	Pass
36 (Peak)	5176.500	12.489	108.045	120.534	--	--	--
36 (Average)	5147.000	12.380	40.395	52.774	74.00	54.00	Pass
36 (Average)	5150.000	12.390	39.645	52.035	74.00	54.00	Pass
36 (Average)	5178.600	12.496	94.945	107.441	--	--	--

Figure Channel 36: Vertical (Peak)**Figure Channel 36: Vertical (Average)**

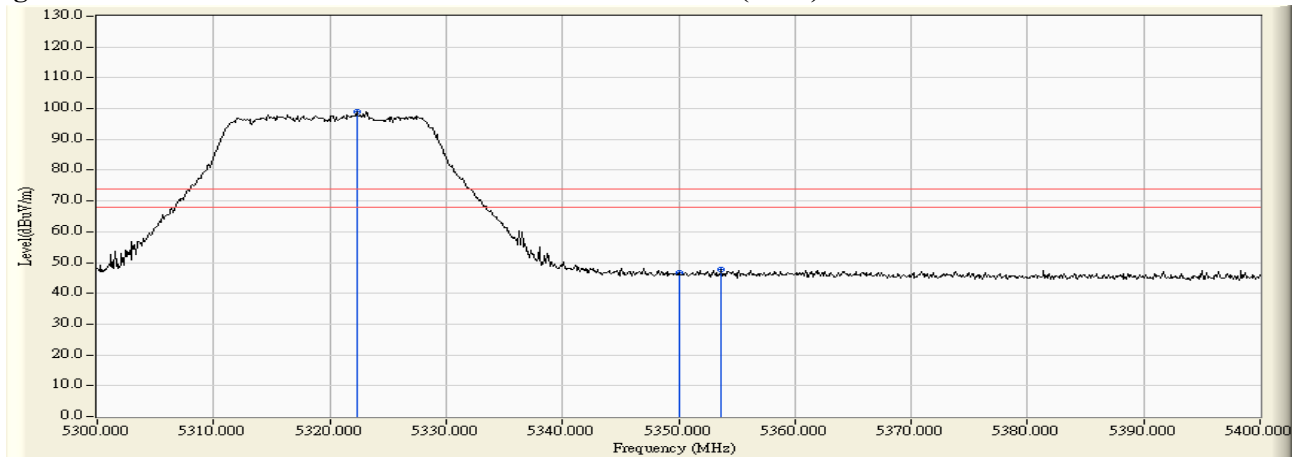
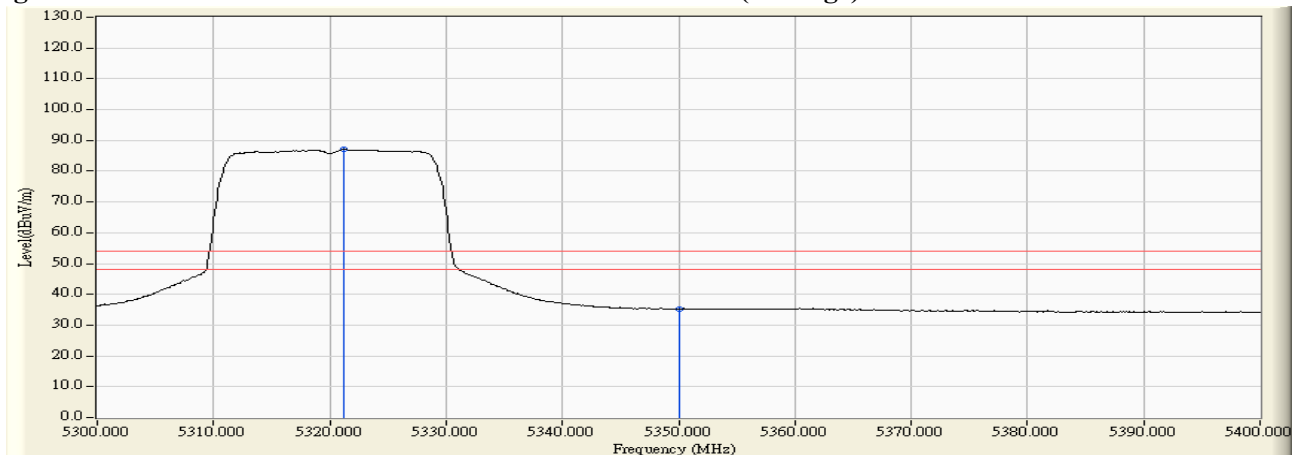
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 64 (Antenna No.18)

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
64 (Peak)	5322.300	11.094	87.908	99.003	--	--	--
64 (Peak)	5350.000	11.024	35.790	46.814	74.00	54.00	Pass
64 (Peak)	5353.700	11.015	36.608	47.622	74.00	54.00	Pass
64 (Average)	5321.200	11.098	76.182	87.280	--	--	--
64 (Average)	5350.000	11.024	24.219	35.243	74.00	54.00	Pass

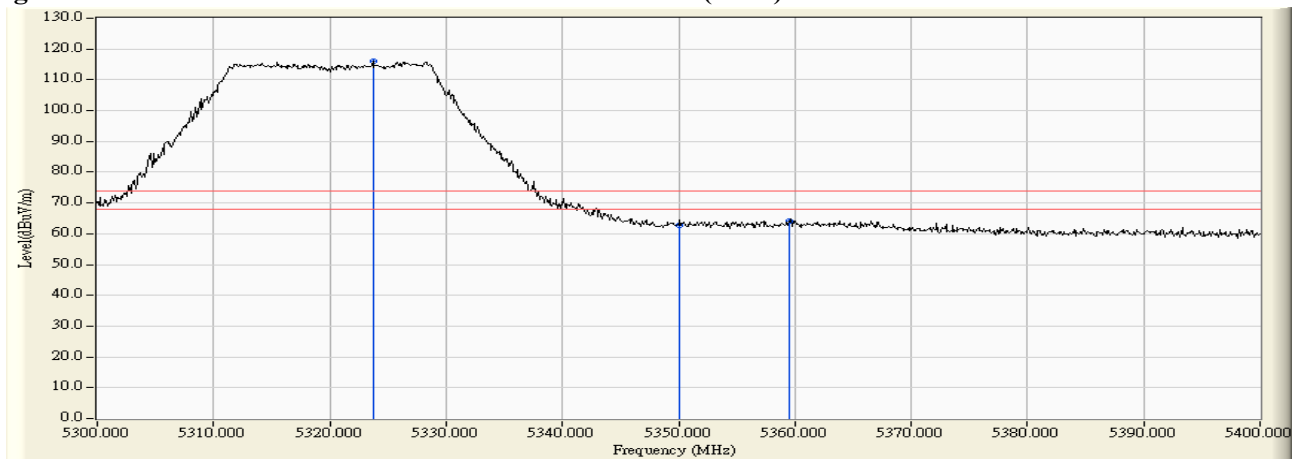
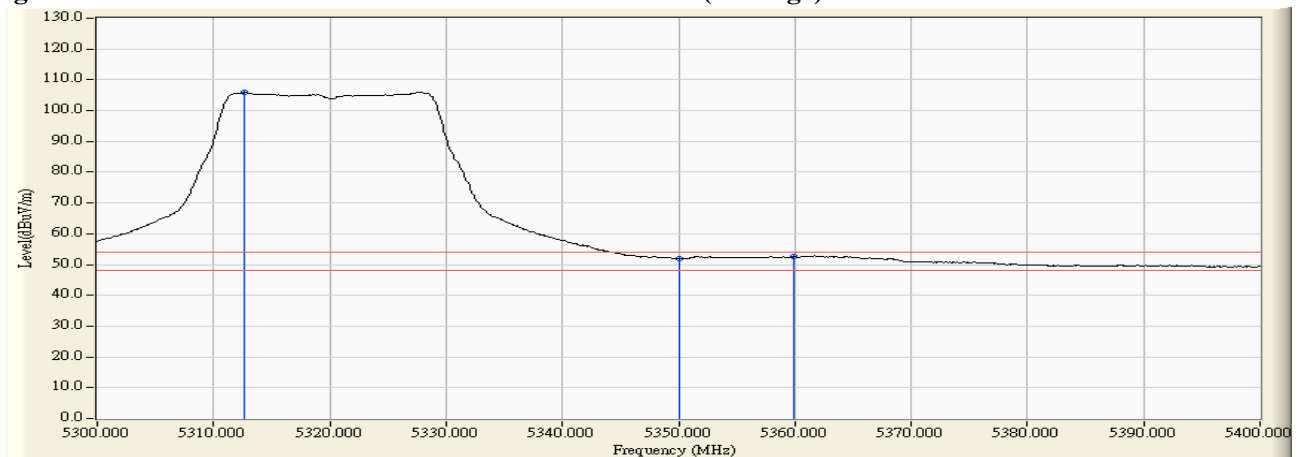
Figure Channel 64: Horizontal (Peak)**Figure Channel 64: Horizontal (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 64 (Antenna No.18)

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
64 (Peak)	5323.700	13.015	102.881	115.896	--	--	--
64 (Peak)	5350.000	12.999	49.734	62.733	74.00	54.00	Pass
64 (Peak)	5359.500	12.992	51.274	64.266	74.00	54.00	Pass
64 (Average)	5312.700	13.022	92.913	105.935	--	--	--
64 (Average)	5350.000	12.999	39.020	52.019	74.00	54.00	Pass
64 (Average)	5359.900	12.991	39.561	52.553	74.00	54.00	Pass

Figure Channel 64: Vertical (Peak)**Figure Channel 64: Vertical (Average)**

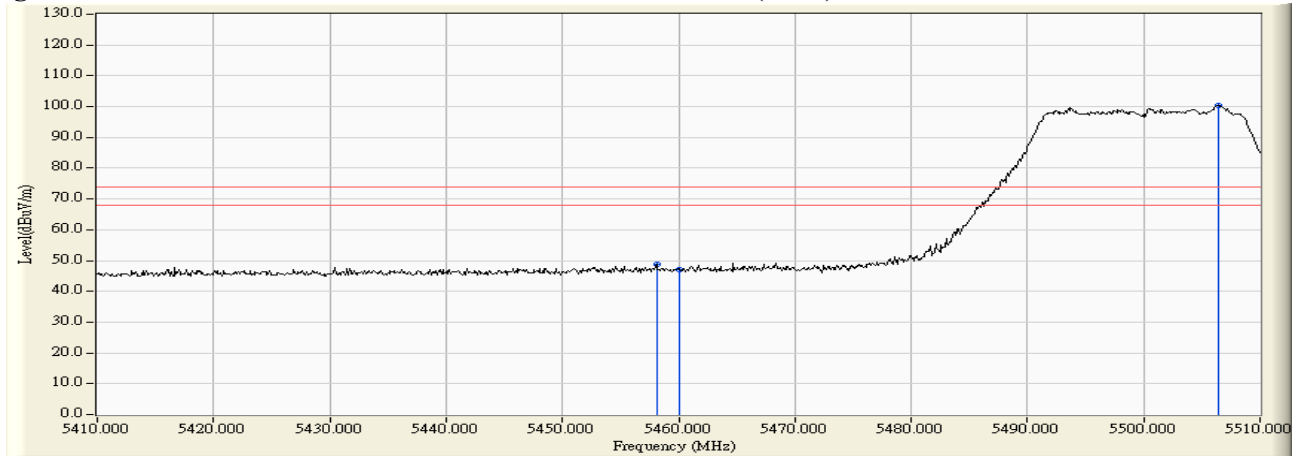
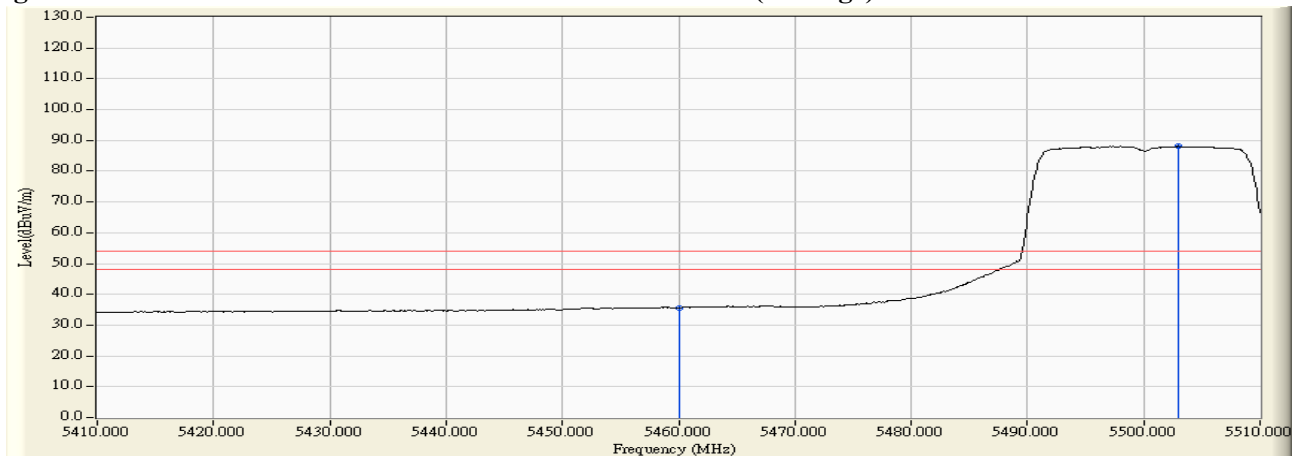
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 100 (Antenna No.18)

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
100 (Peak)	5458.100	11.677	36.982	48.659	74.00	54.00	Pass
100 (Peak)	5460.000	11.703	35.441	47.144	74.00	54.00	Pass
100 (Peak)	5506.400	12.193	88.135	100.327	--	--	--
100 (Average)	5460.000	11.703	23.955	35.658	74.00	54.00	Pass
100 (Average)	5503.000	12.190	75.889	88.079	--	--	--

Figure Channel 100:**Horizontal (Peak)****Figure Channel 100:****Horizontal (Average)**

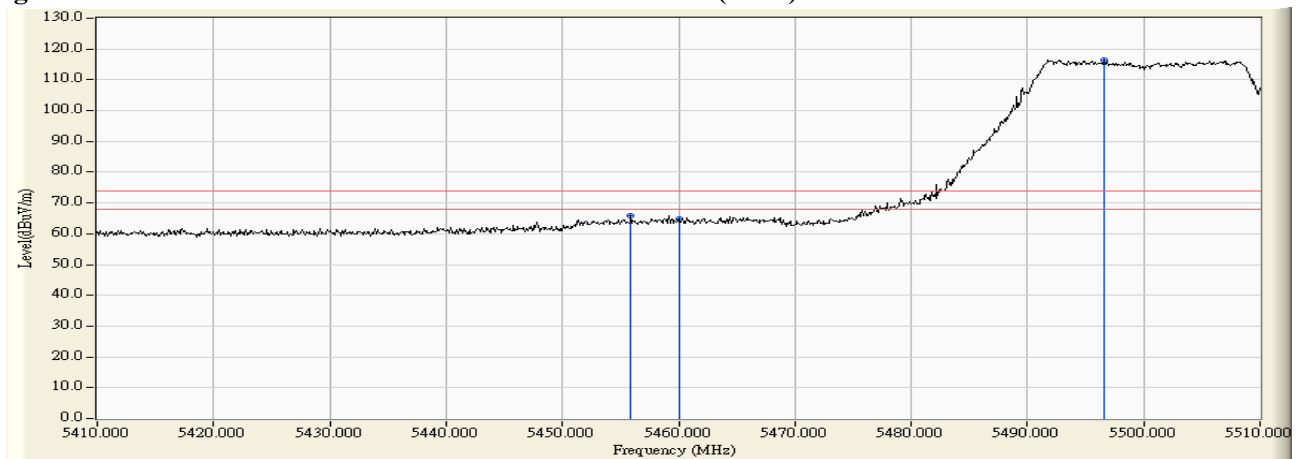
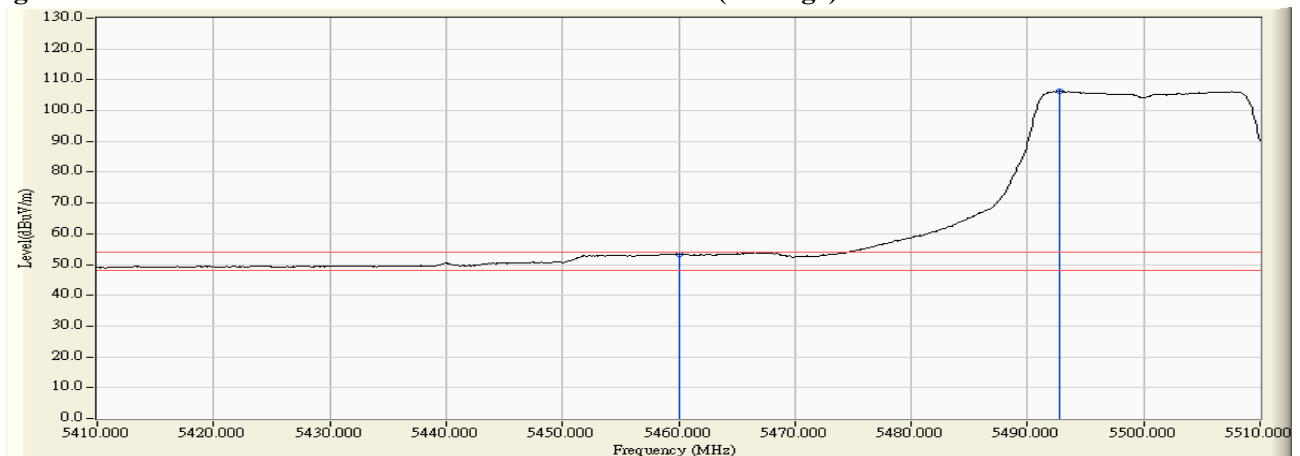
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 100 (Antenna No.18)

RF Radiated Measurement (Vertical):

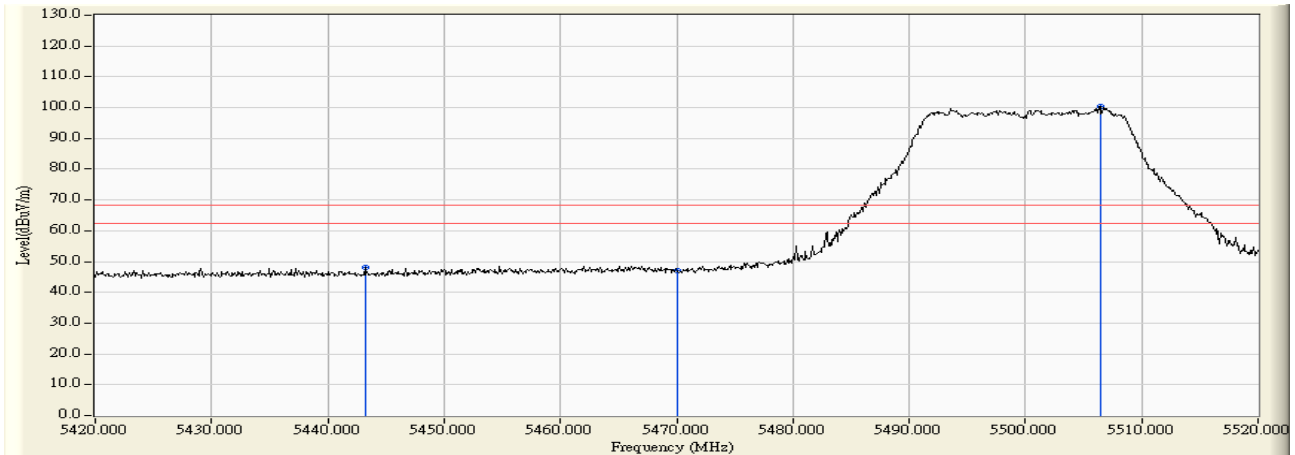
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
100 (Peak)	5455.900	13.360	52.431	65.791	74.00	54.00	Pass
100 (Peak)	5460.000	13.390	51.304	64.694	74.00	54.00	Pass
100 (Peak)	5496.600	13.618	102.839	116.458	--	--	--
100 (Average)	5460.000	13.390	39.942	53.332	74.00	54.00	Pass
100 (Average)	5492.800	13.606	92.672	106.278	--	--	--

Figure Channel 100: Vertical (Peak)**Figure Channel 100: Vertical (Average)**

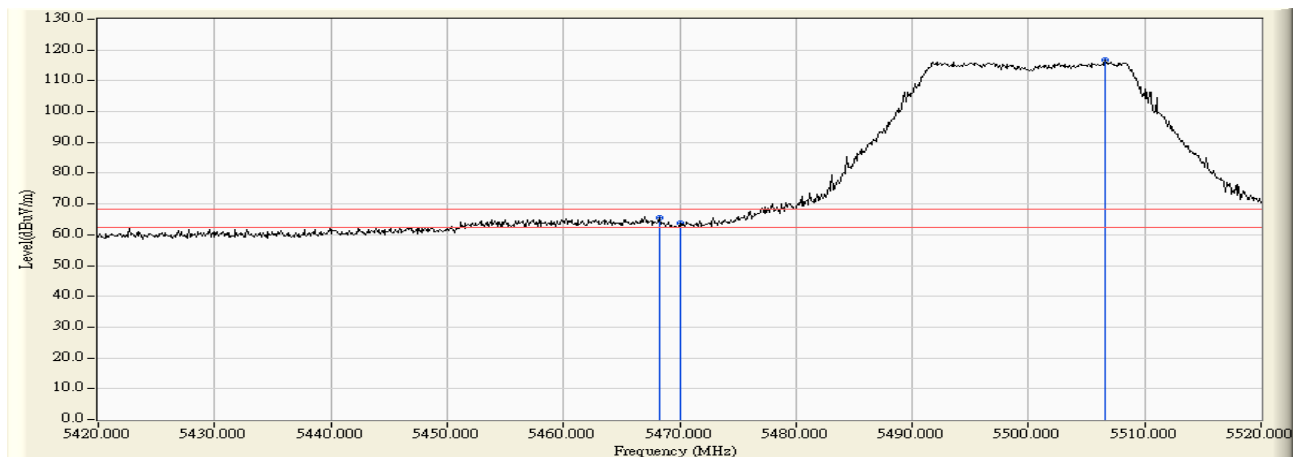
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 100 (Antenna No.18)

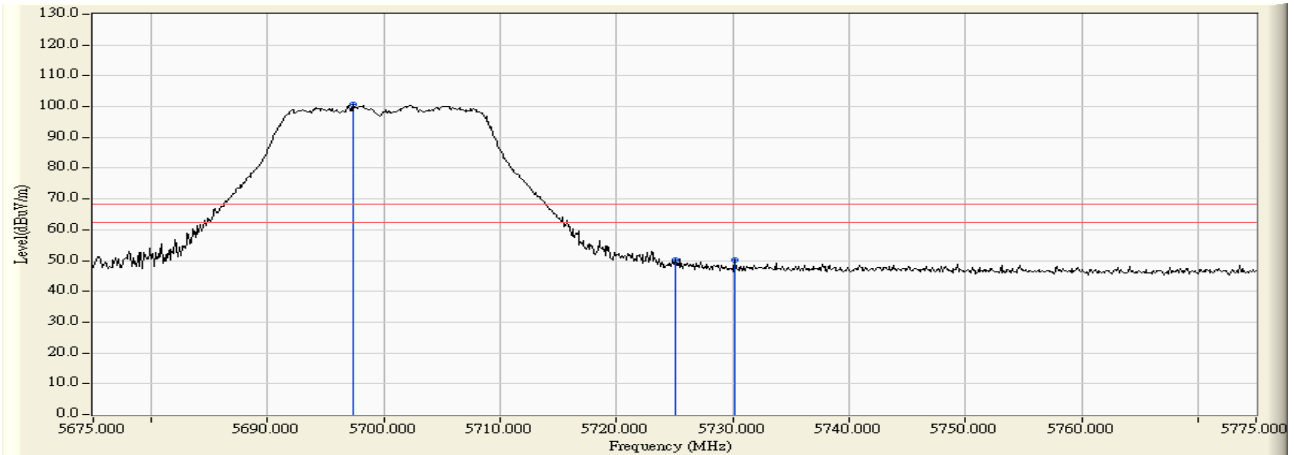
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5443.200	11.477	36.581	48.058	-20.162	68.220	Pass
Horizontal	5470.000	11.838	35.155	46.993	-21.227	68.220	Pass
Horizontal	5506.500	12.191	88.133	100.325	32.105	68.220	Pass

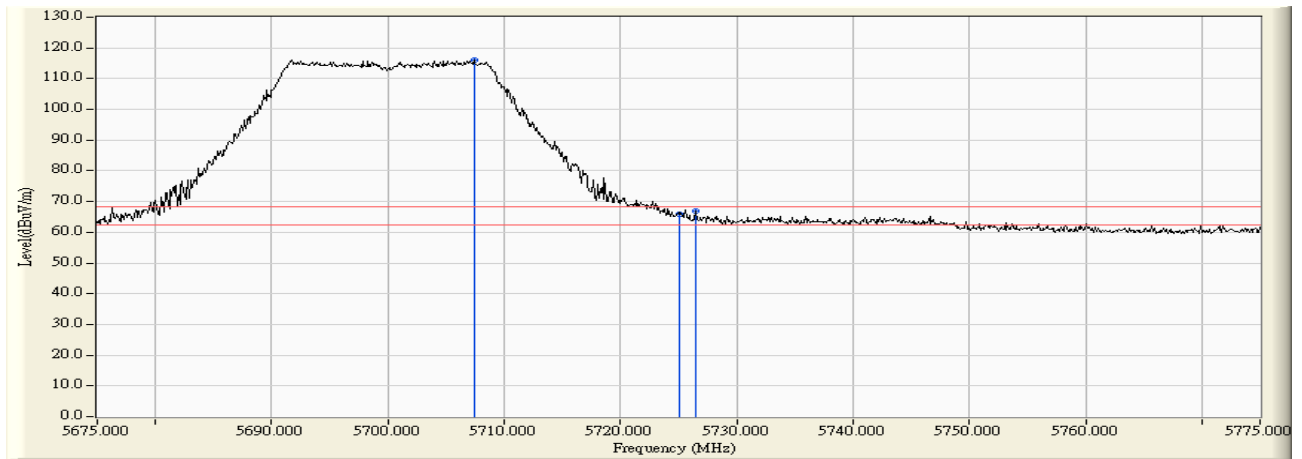


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5468.300	13.450	52.086	65.536	-2.684	68.220	Pass
Vertical	5470.000	13.462	50.167	63.629	-4.591	68.220	Pass
Vertical	5506.600	13.634	102.993	116.627	48.407	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 140 (Antenna No.18)

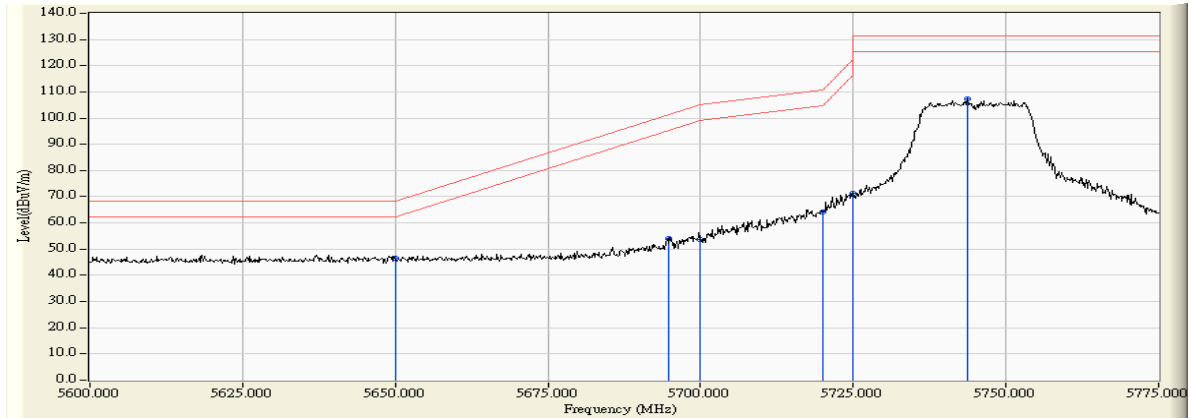
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5697.300	11.649	88.902	100.551	32.331	68.220	Pass
Horizontal	5725.000	11.592	38.430	50.022	-18.198	68.220	Pass
Horizontal	5730.200	11.575	38.687	50.263	-17.957	68.220	Pass

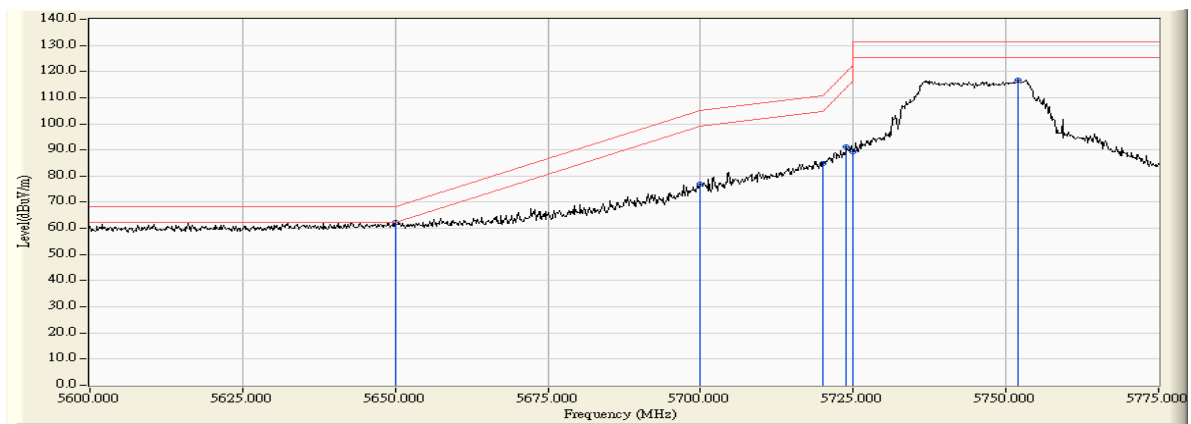


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5707.400	12.988	103.143	116.131	47.911	68.220	Pass
Vertical	5725.000	12.930	52.780	65.710	-2.510	68.220	Pass
Vertical	5726.500	12.926	54.123	67.048	-1.172	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 149 (Antenna No.18)

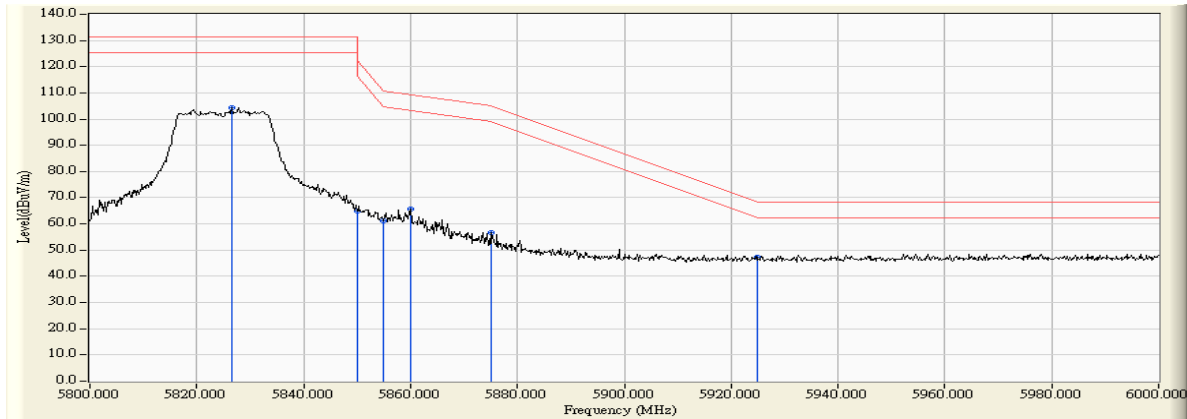
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5650.000	11.554	34.799	46.354	-21.866	68.220	Pass
Horizontal	5694.675	11.651	42.329	53.980	-47.282	101.262	Pass
Horizontal	5700.000	11.647	42.113	53.760	-51.440	105.200	Pass
Horizontal	5720.000	11.607	52.599	64.206	-46.594	110.800	Pass
Horizontal	5725.000	11.592	59.719	71.311	-50.889	122.200	Pass
Horizontal	5743.675	11.532	95.969	107.501	-23.699	131.200	Pass

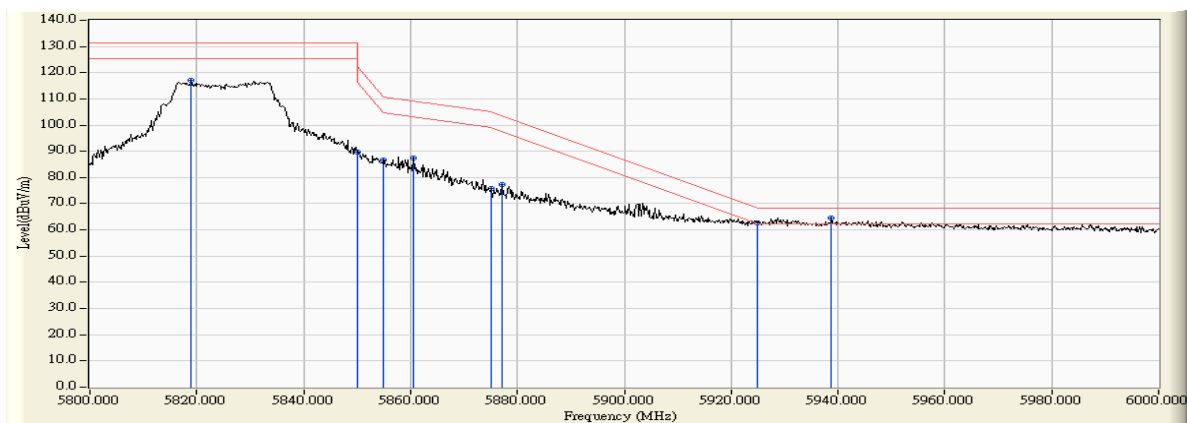


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5650.000	13.029	49.238	62.267	-5.953	68.220	Pass
Vertical	5700.000	13.003	64.005	77.008	-28.192	105.200	Pass
Vertical	5720.000	12.947	71.761	84.708	-26.092	110.800	Pass
Vertical	5723.900	12.934	78.442	91.376	-28.316	119.692	Pass
Vertical	5725.000	12.930	76.445	89.375	-32.825	122.200	Pass
Vertical	5752.075	12.836	104.004	116.839	-14.361	131.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 165 (Antenna No.18)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5826.000	11.539	92.892	104.431	-26.769	131.200	Pass
Horizontal	5850.000	11.701	53.356	65.057	-57.143	122.200	Pass
Horizontal	5855.000	11.735	49.478	61.213	-49.587	110.800	Pass
Horizontal	5860.000	11.770	53.981	65.751	-43.649	109.400	Pass
Horizontal	5875.000	11.873	44.767	56.640	-48.560	105.200	Pass
Horizontal	5925.000	12.068	35.195	47.264	-20.936	68.200	Pass

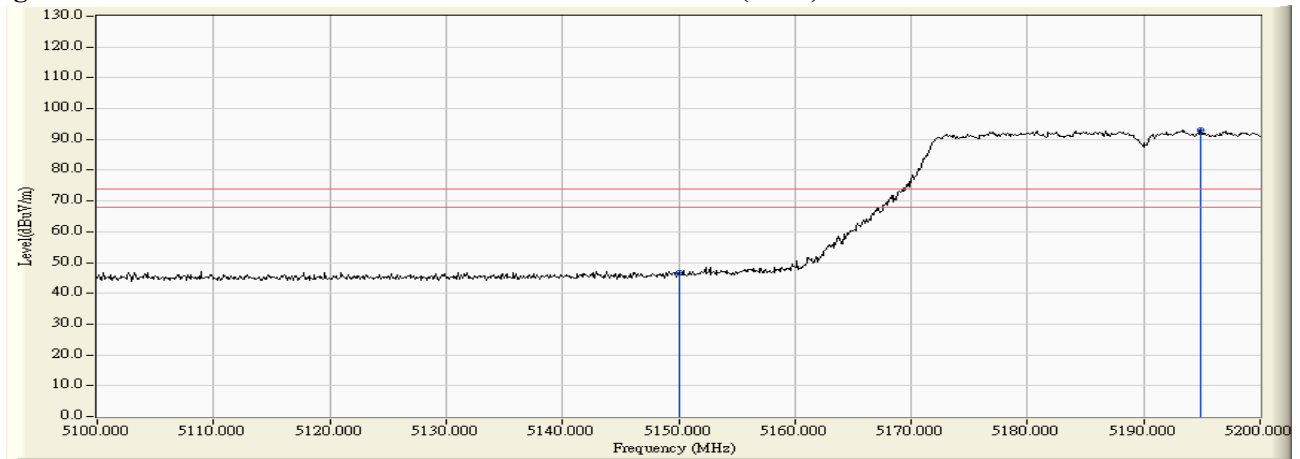
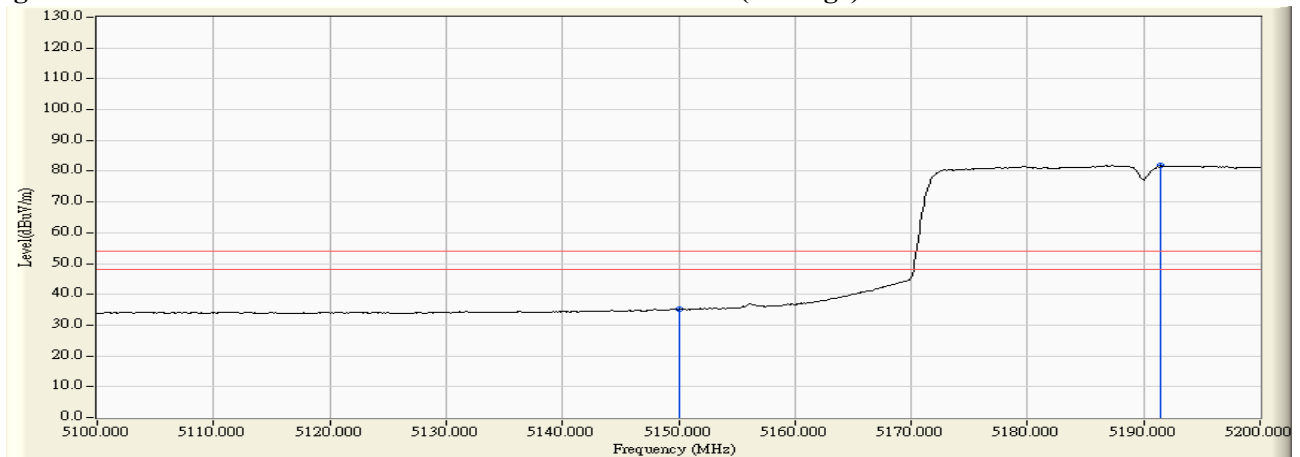


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5819.000	12.708	104.409	117.118	-14.082	131.200	Pass
Vertical	5850.000	12.774	76.780	89.554	-32.646	122.200	Pass
Vertical	5855.000	12.784	73.749	86.533	-24.267	110.800	Pass
Vertical	5860.000	12.796	74.774	87.569	-21.663	109.232	Pass
Vertical	5875.000	12.825	62.854	75.679	-29.521	105.200	Pass
Vertical	5877.200	12.830	64.508	77.338	-26.234	103.572	Pass
Vertical	5925.000	12.911	49.806	62.717	-5.483	68.200	Pass
Vertical	5938.800	12.930	51.687	64.617	-3.583	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 38 (Antenna No.18)

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
38 (Peak)	5150.000	10.470	36.238	46.709	74.00	54.00	Pass
38 (Peak)	5194.900	10.350	82.630	92.980	--	--	--
38 (Average)	5150.000	10.470	24.669	35.140	74.00	54.00	Pass
38 (Average)	5191.500	10.362	71.450	81.811	--	--	--

Figure Channel 38:
Horizontal (Peak)

Figure Channel 38:
Horizontal (Average)


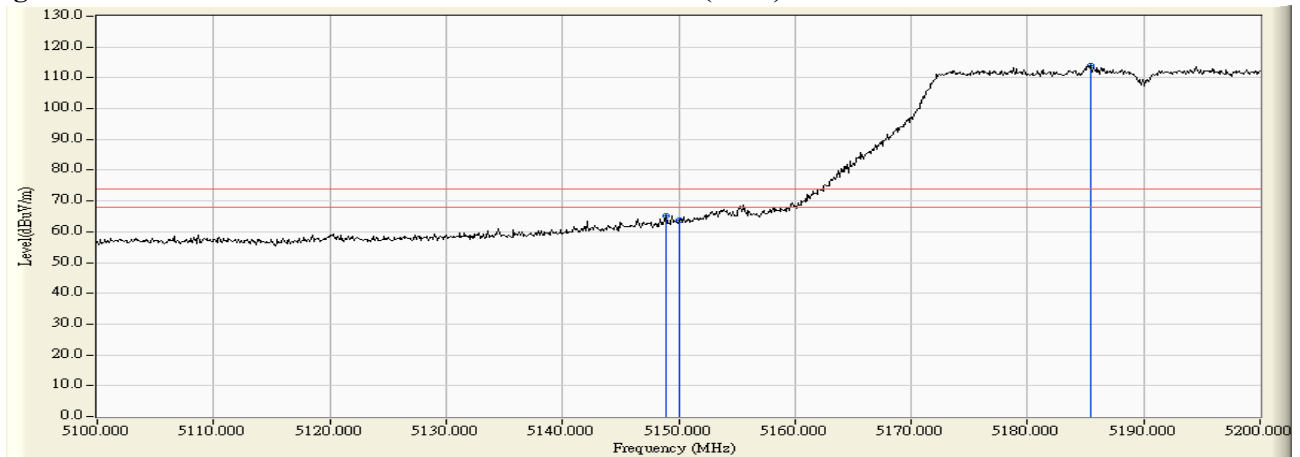
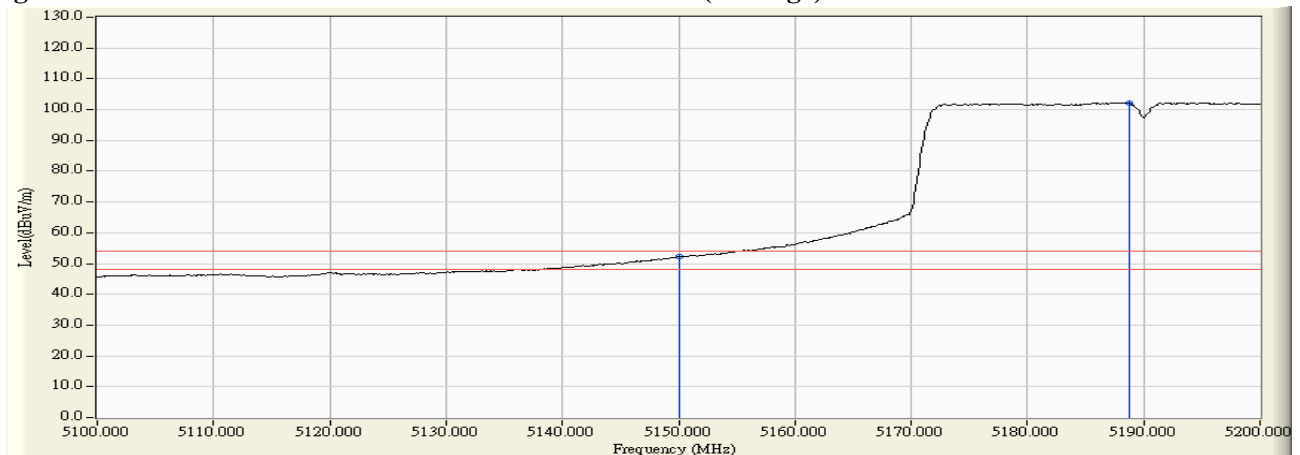
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 38 (Antenna No.18)

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
38 (Peak)	5148.900	12.387	52.820	65.206	74.00	54.00	Pass
38 (Peak)	5150.000	12.390	51.512	63.902	74.00	54.00	Pass
38 (Peak)	5185.400	12.521	101.294	113.815	--	--	--
38 (Average)	5150.000	12.390	39.730	52.120	74.00	54.00	Pass
38 (Average)	5188.700	12.534	89.611	102.144	--	--	--

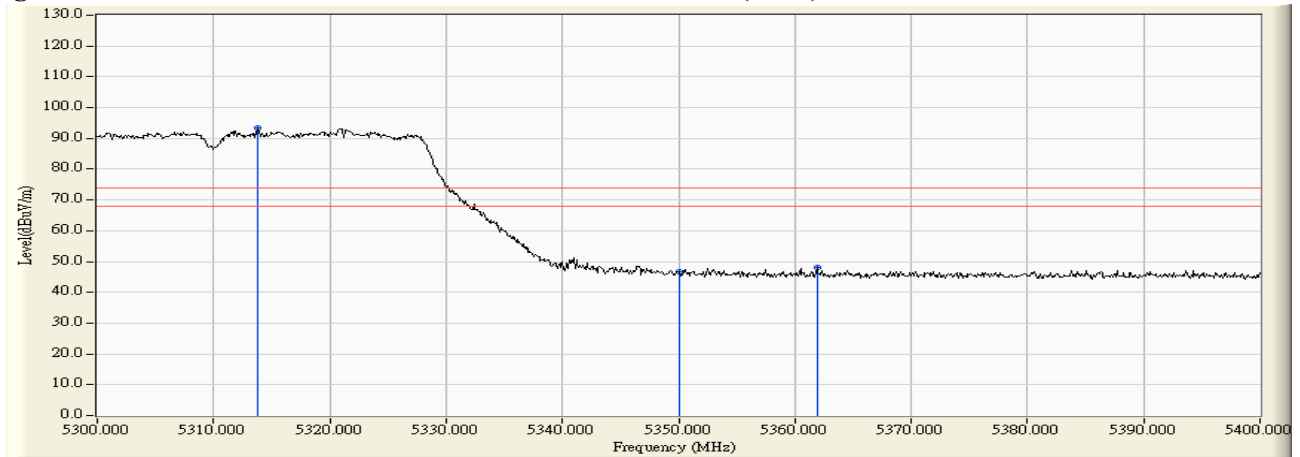
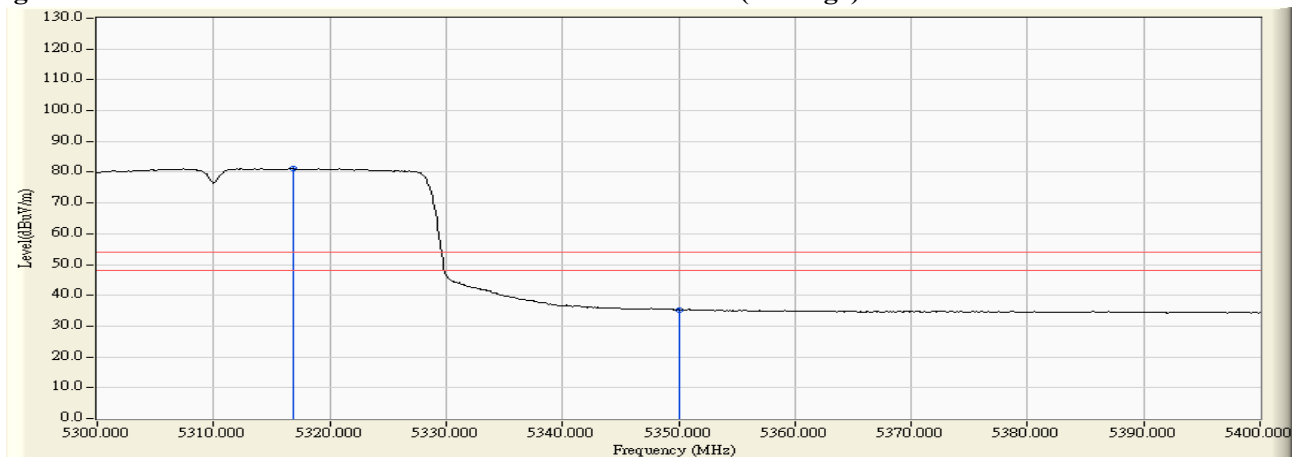
Figure Channel 38: Vertical (Peak)

Figure Channel 38: Vertical (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 62 (Antenna No.18)

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
62 (Peak)	5313.800	11.116	82.219	93.336	--	--	--
62 (Peak)	5350.000	11.024	35.737	46.761	74.00	54.00	Pass
62 (Peak)	5361.900	10.993	36.937	47.930	74.00	54.00	Pass
62 (Average)	5316.800	11.110	70.097	81.206	--	--	--
62 (Average)	5350.000	11.024	24.293	35.317	74.00	54.00	Pass

Figure Channel 62: Horizontal (Peak)**Figure Channel 62: Horizontal (Average)**

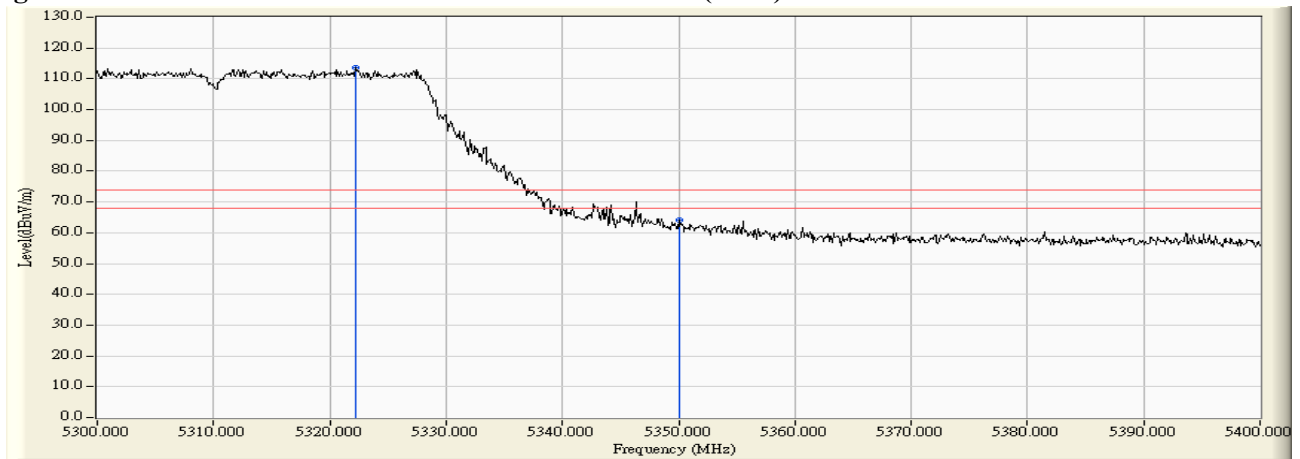
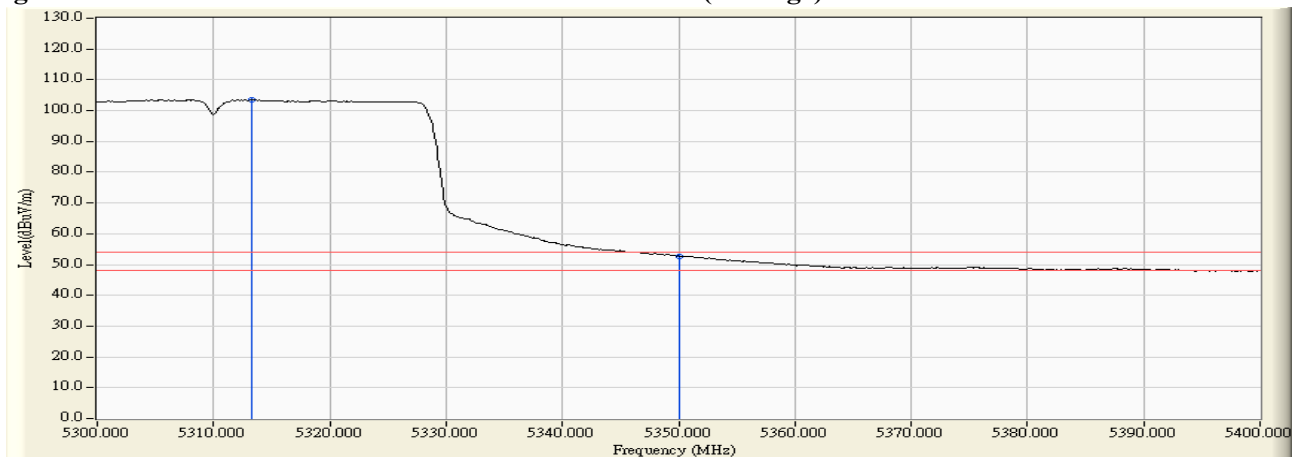
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 62 (Antenna No.18)

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)	5322.200	13.016	100.497	113.513	--	--	--
62 (Peak)	5350.000	12.999	51.237	64.236	74.00	54.00	Pass
62 (Average)	5313.300	13.022	90.580	103.602	--	--	--
62 (Average)	5350.000	12.999	39.789	52.788	74.00	54.00	Pass

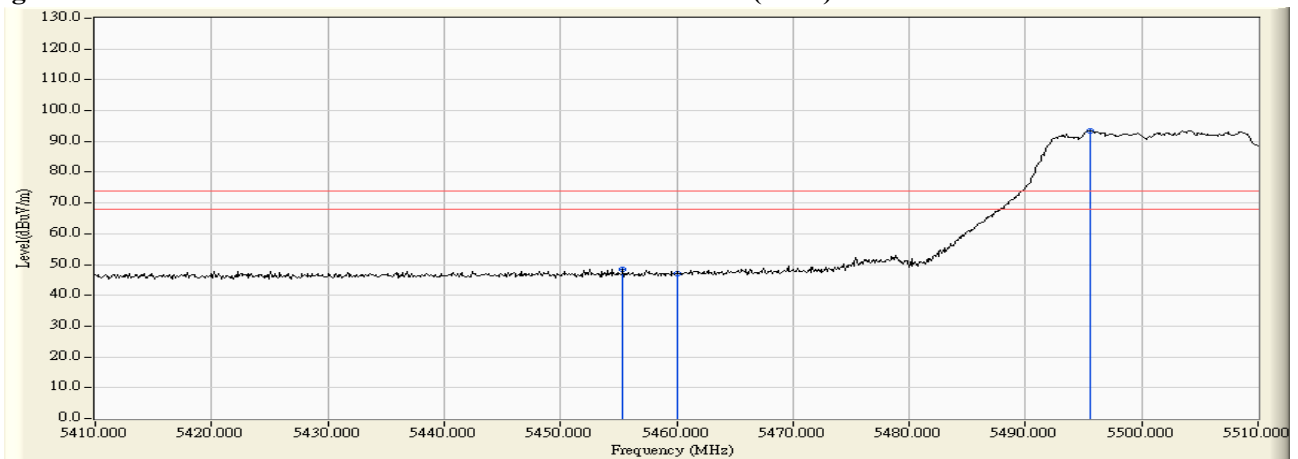
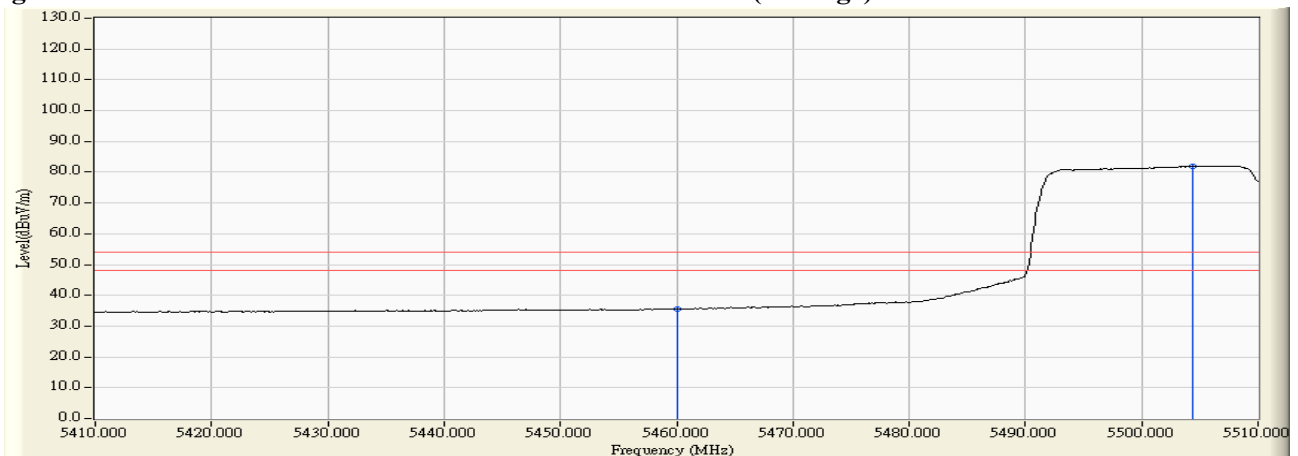
Figure Channel 62: Vertical (Peak)**Figure Channel 62: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 102 (Antenna No.18)

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)	5455.400	11.641	36.831	48.472	74.00	54.00	Pass
102 (Peak)	5460.000	11.703	35.280	46.983	74.00	54.00	Pass
102 (Peak)	5495.600	12.137	81.426	93.564	--	--	--
102 (Average)	5460.000	11.703	23.808	35.511	74.00	54.00	Pass
102 (Average)	5504.400	12.199	69.853	82.053	--	--	--

Figure Channel 102: Horizontal (Peak)**Figure Channel 102: Horizontal (Average)**

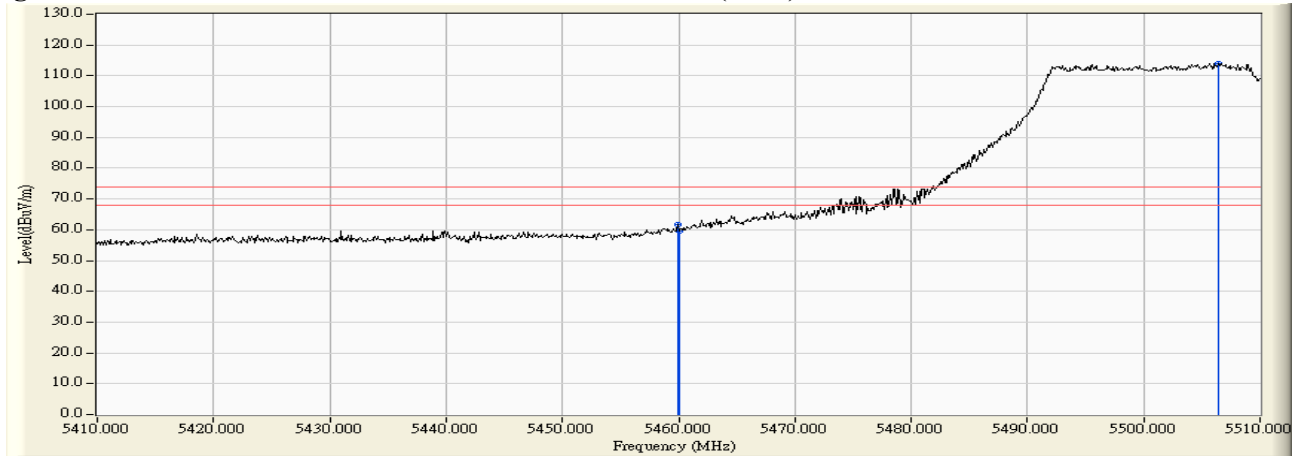
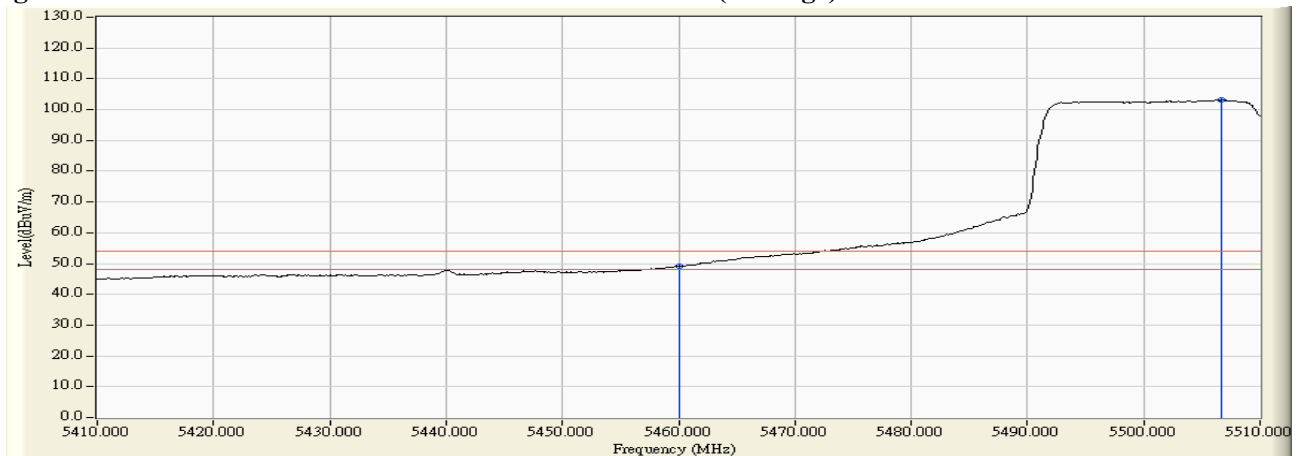
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 102 (Antenna No.18)

RF Radiated Measurement (Vertical):

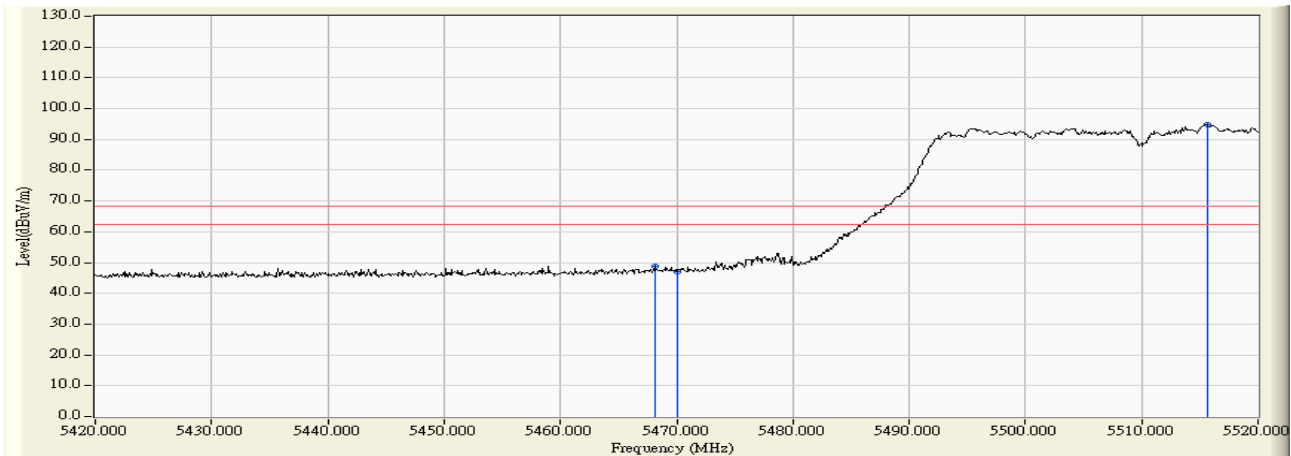
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
102 (Peak)	5459.900	13.389	48.200	61.589	74.00	54.00	Pass
102 (Peak)	5460.000	13.390	46.221	59.611	74.00	54.00	Pass
102 (Peak)	5506.400	13.636	100.484	114.120	--	--	--
102 (Average)	5460.000	13.390	35.652	49.042	74.00	54.00	Pass
102 (Average)	5506.700	13.633	89.461	103.095	--	--	--

Figure Channel 102:**Vertical (Peak)****Figure Channel 102:****Vertical (Average)**

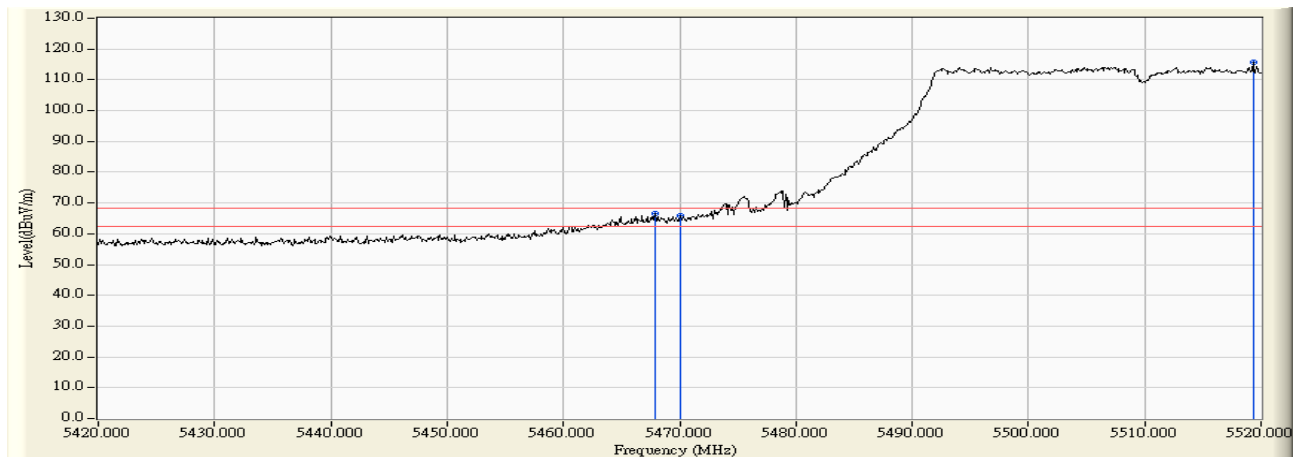
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 102 (Antenna No.18)

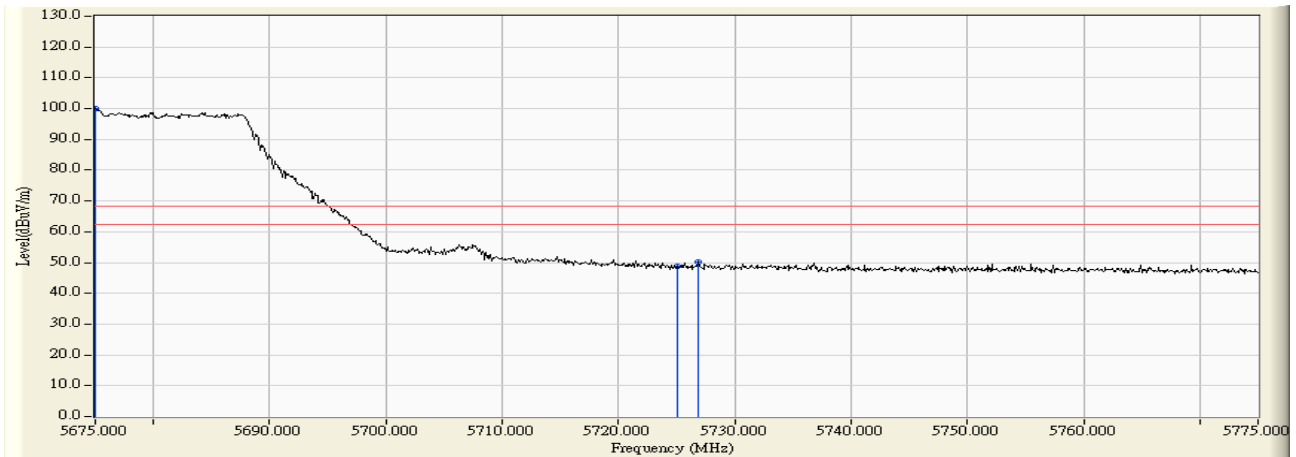
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5468.100	11.812	36.916	48.729	-19.491	68.220	Pass
Horizontal	5470.000	11.838	35.266	47.104	-21.116	68.220	Pass
Horizontal	5515.600	12.118	82.656	94.774	26.554	68.220	Pass

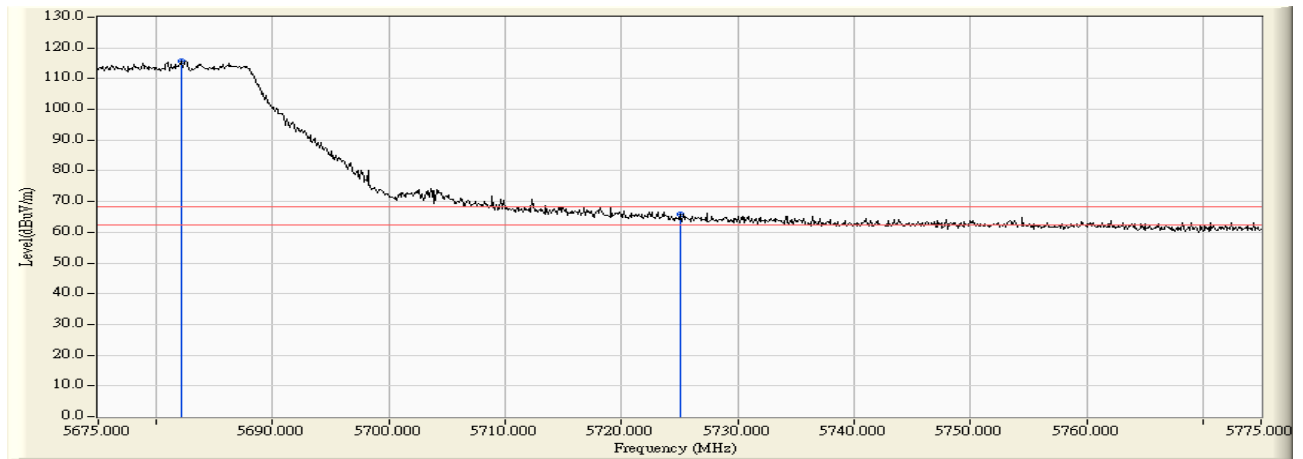


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5467.900	13.446	53.114	66.561	-1.659	68.220	Pass
Vertical	5470.000	13.462	52.269	65.731	-2.489	68.220	Pass
Vertical	5519.300	13.553	102.224	115.777	47.557	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 134 (Antenna No.18)

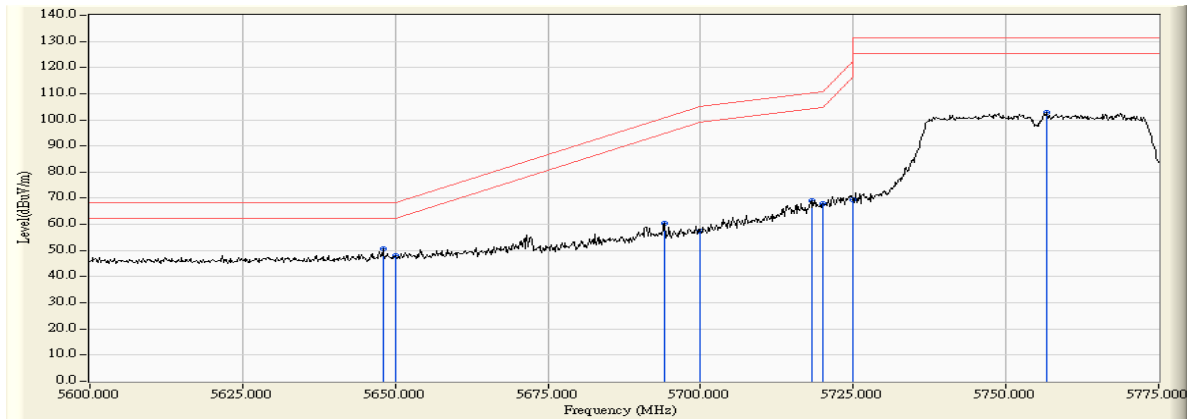
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5675.000	11.614	88.272	99.885	31.665	68.220	Pass
Horizontal	5725.000	11.592	37.237	48.829	-19.391	68.220	Pass
Horizontal	5726.900	11.587	38.672	50.258	-17.962	68.220	Pass

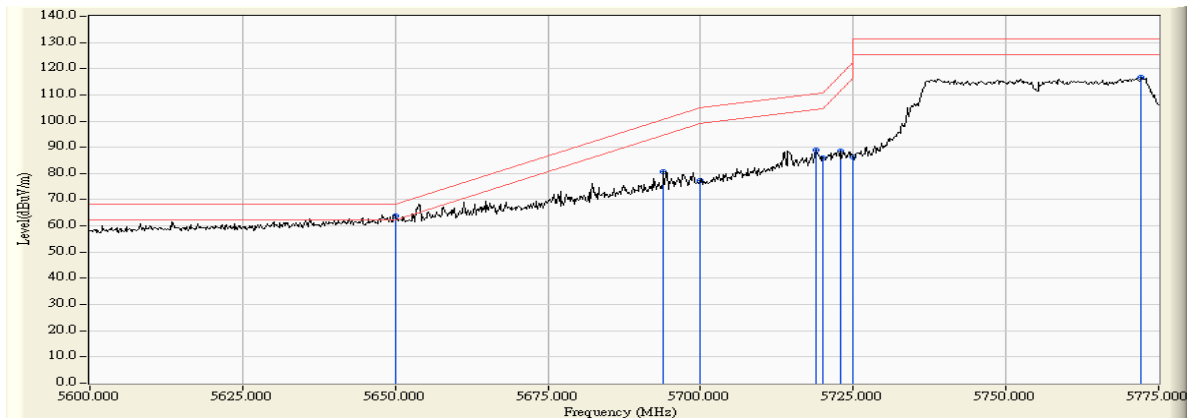


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5682.200	13.022	102.658	115.679	47.459	68.220	Pass
Vertical	5725.000	12.930	53.032	65.962	-2.258	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 151 (Antenna No.18)

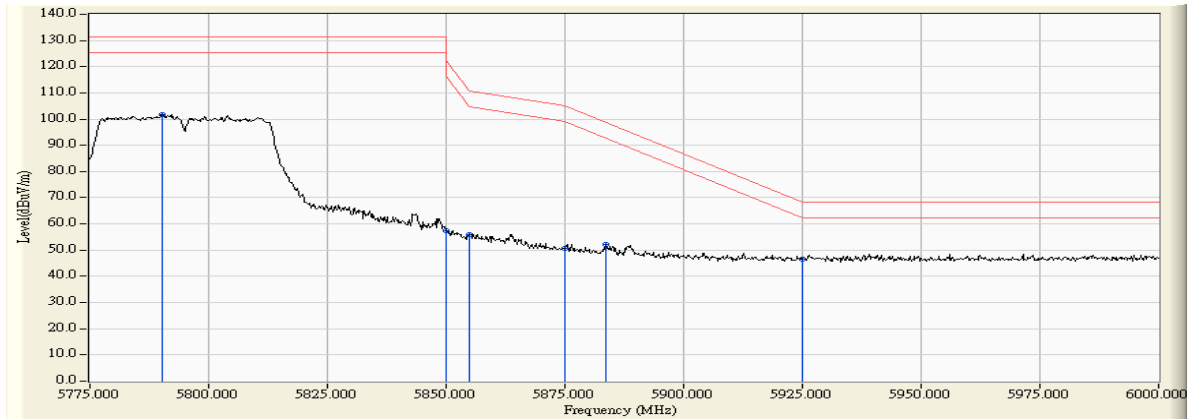
RF Radiated Measurement :


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5647.950	11.549	39.294	50.844	-17.376	68.220	Pass
Horizontal	5650.000	11.554	36.466	48.021	-20.199	68.220	Pass
Horizontal	5694.150	11.652	48.764	60.415	-40.458	100.873	Pass
Horizontal	5700.000	11.647	45.901	57.548	-47.652	105.200	Pass
Horizontal	5718.125	11.613	57.606	69.219	-41.056	110.275	Pass
Horizontal	5720.000	11.607	56.271	67.878	-42.922	110.800	Pass
Horizontal	5725.000	11.592	57.659	69.251	-52.949	122.200	Pass
Horizontal	5756.625	11.492	91.265	102.757	-28.443	131.200	Pass

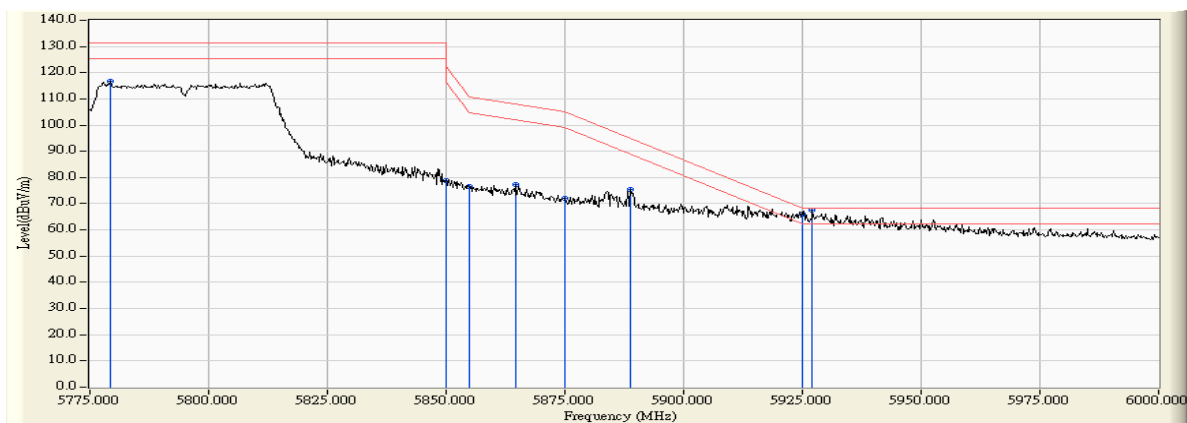


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5650.000	13.029	50.874	63.903	-4.317	68.220	Pass
Vertical	5693.975	13.015	67.795	80.810	-19.934	100.744	Pass
Vertical	5700.000	13.003	64.193	77.196	-28.004	105.200	Pass
Vertical	5718.825	12.951	76.033	88.984	-21.487	110.471	Pass
Vertical	5720.000	12.947	73.029	85.976	-24.824	110.800	Pass
Vertical	5723.025	12.937	75.721	88.658	-29.039	117.697	Pass
Vertical	5725.000	12.930	73.390	86.320	-35.880	122.200	Pass
Vertical	5772.200	12.765	103.779	116.544	-14.656	131.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 159 (Antenna No.18)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5790.300	11.386	90.378	101.763	-29.437	131.200	Pass
Horizontal	5850.000	11.701	45.910	57.611	-64.589	122.200	Pass
Horizontal	5855.000	11.735	44.144	55.879	-54.921	110.800	Pass
Horizontal	5875.000	11.873	38.672	50.545	-54.655	105.200	Pass
Horizontal	5883.675	11.934	40.335	52.269	-46.511	98.780	Pass
Horizontal	5925.000	12.068	34.431	46.500	-21.700	68.200	Pass

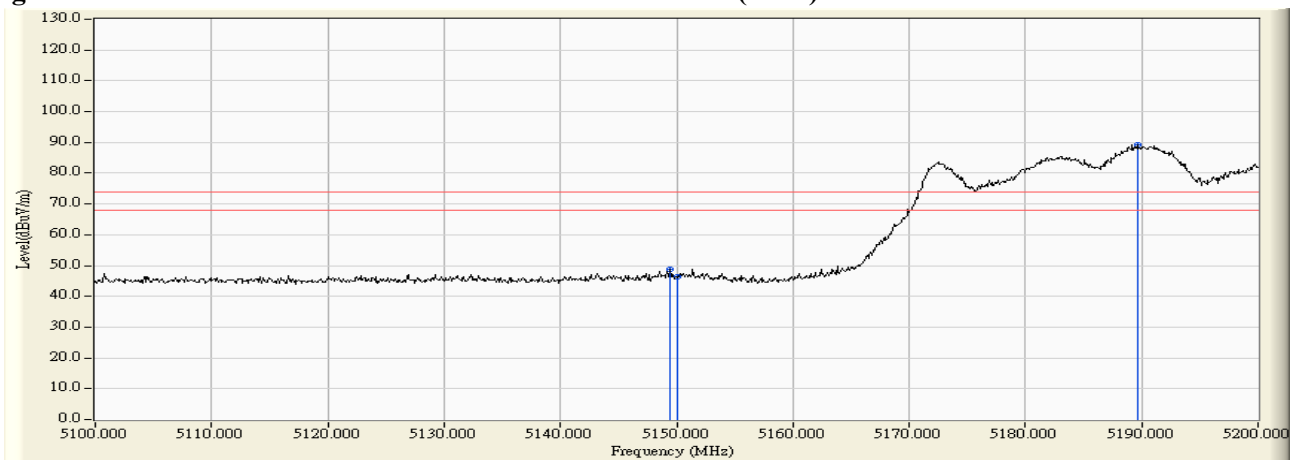
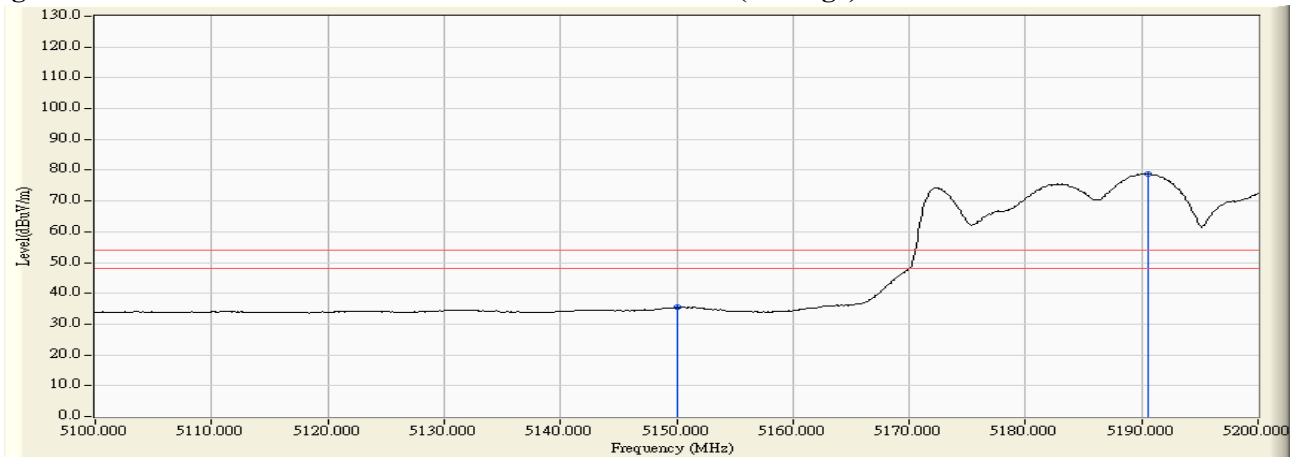


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5779.275	12.740	103.863	116.603	-14.597	131.200	Pass
Vertical	5850.000	12.774	66.170	78.944	-43.256	122.200	Pass
Vertical	5855.000	12.784	63.640	76.424	-34.376	110.800	Pass
Vertical	5864.775	12.804	64.438	77.242	-30.821	108.063	Pass
Vertical	5875.000	12.825	59.238	72.063	-33.137	105.200	Pass
Vertical	5888.850	12.856	62.505	75.361	-19.590	94.951	Pass
Vertical	5925.000	12.911	53.073	65.984	-2.216	68.200	Pass
Vertical	5927.100	12.914	54.696	67.610	-0.590	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 42 (Antenna No.18)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
42 (Peak)	5149.400	10.472	38.337	48.809	74.00	54.00	Pass
42 (Peak)	5150.000	10.470	35.710	46.181	74.00	54.00	Pass
42 (Peak)	5189.600	10.369	78.980	89.348	--	--	--
42 (Average)	5150.000	10.470	24.928	35.399	74.00	54.00	Pass
42 (Average)	5190.600	10.364	68.565	78.929	--	--	--

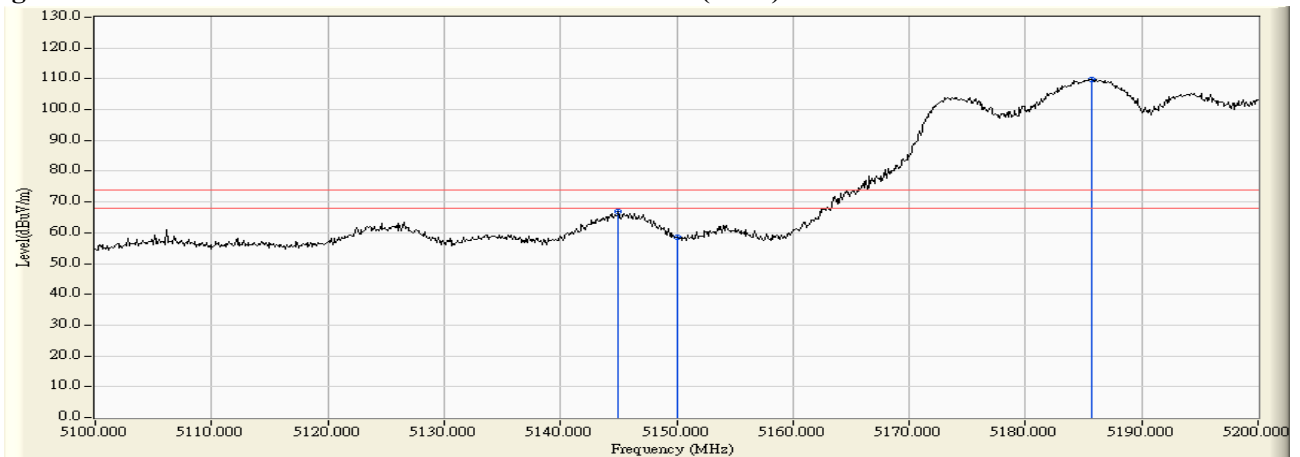
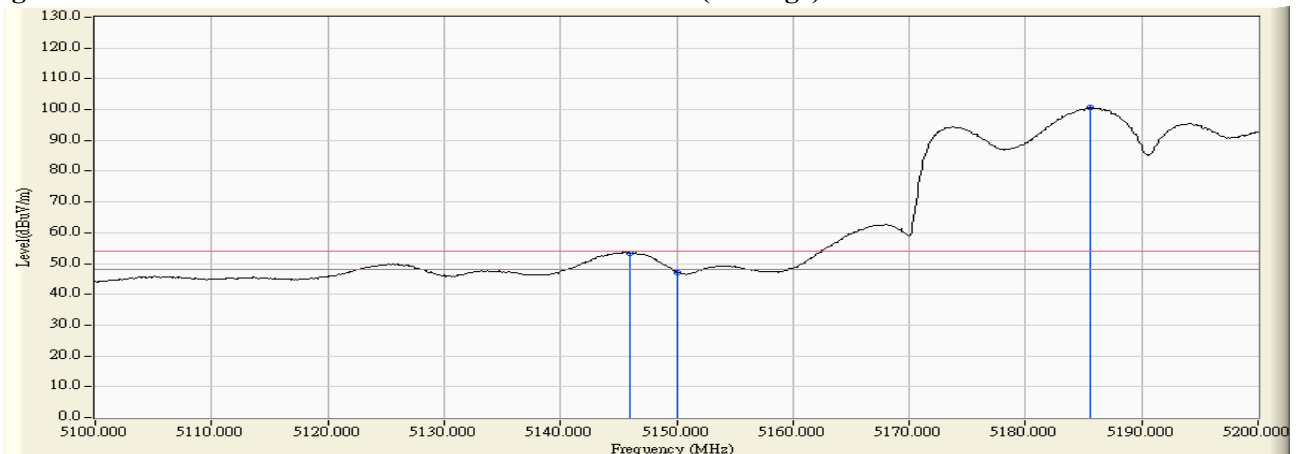
Figure Channel 42: Horizontal (Peak)

Figure Channel 42: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 42 (Antenna No.18)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
42 (Peak)	5145.000	12.372	54.457	66.829	74.00	54.00	Pass
42 (Peak)	5150.000	12.390	46.219	58.609	74.00	54.00	Pass
42 (Peak)	5185.700	12.523	97.313	109.836	--	--	--
42 (Average)	5146.000	12.376	41.045	53.420	74.00	54.00	Pass
42 (Average)	5150.000	12.390	34.768	47.158	74.00	54.00	Pass
42 (Average)	5185.600	12.523	88.049	100.571	--	--	--

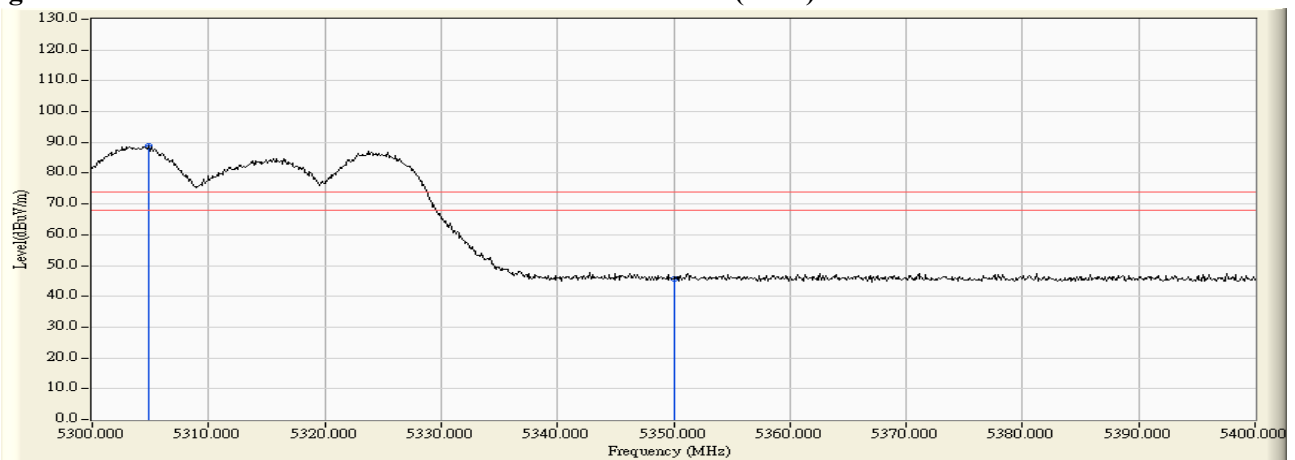
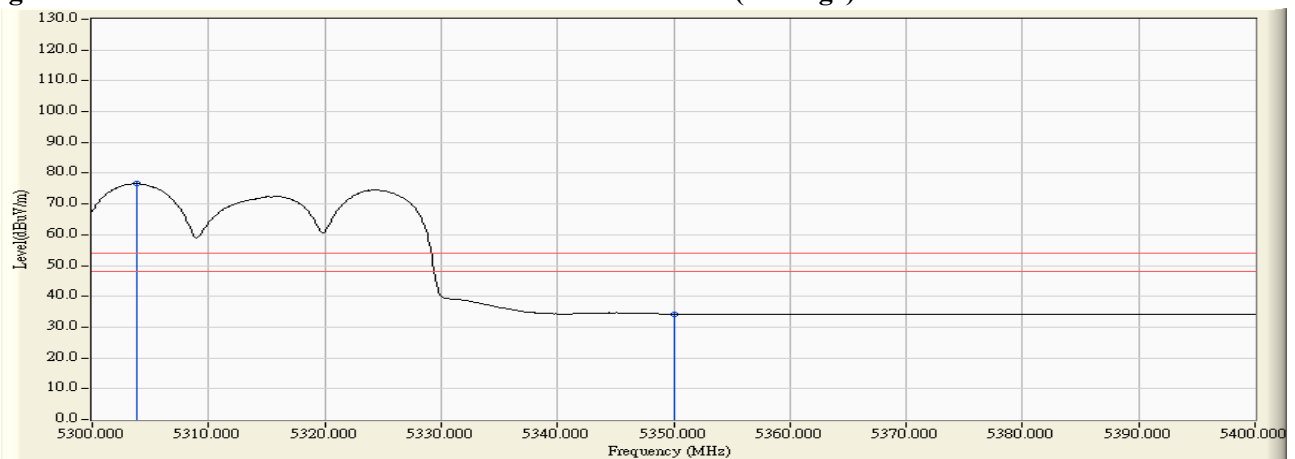
Figure Channel 42: Vertical (Peak)**Figure Channel 42: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 58 (Antenna No.18)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
58 (Peak)	5304.900	11.140	77.602	88.742	--	--	--
58 (Peak)	5350.000	11.024	34.575	45.599	74.00	54.00	Pass
58 (Average)	5303.800	11.142	65.455	76.597	--	--	--
58 (Average)	5350.000	11.024	23.248	34.272	74.00	54.00	Pass

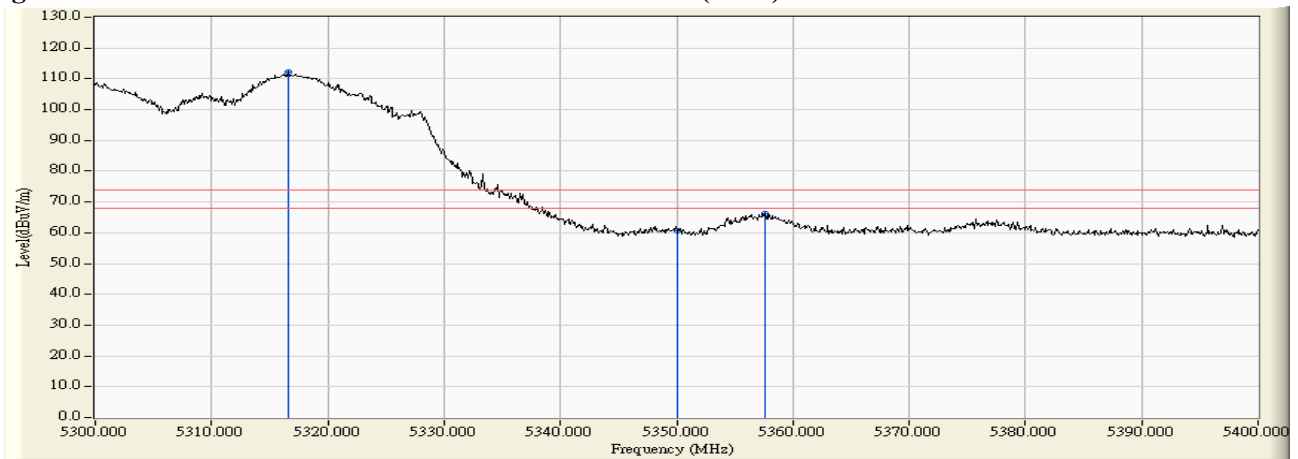
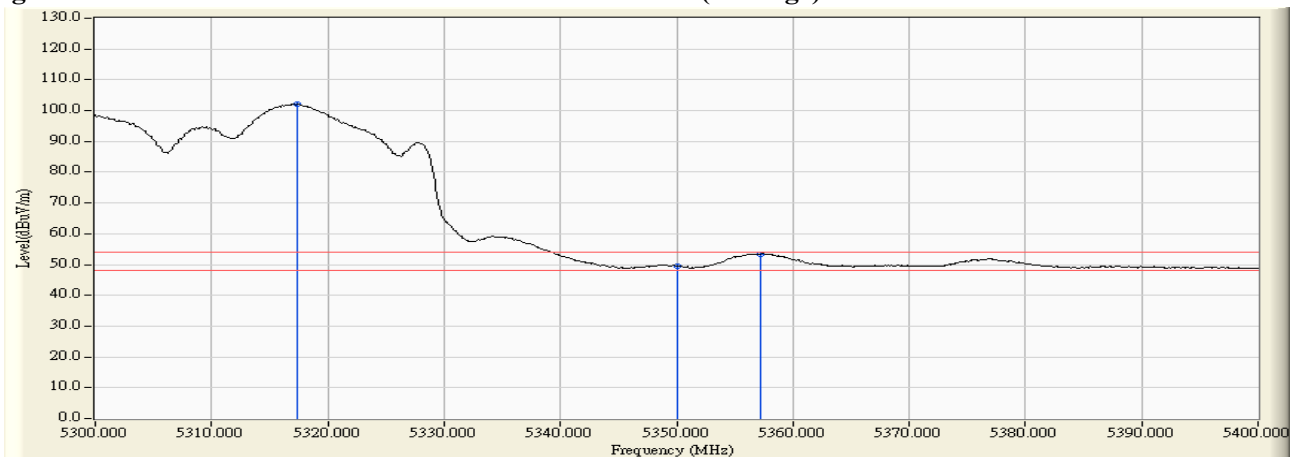
Figure Channel 58:
Horizontal (Peak)

Figure Channel 58:
Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 58 (Antenna No.18)

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)	5316.600	13.020	99.124	112.144	--	--	--
58 (Peak)	5350.000	12.999	47.713	60.712	74.00	54.00	Pass
58 (Peak)	5357.600	12.994	53.266	66.260	74.00	54.00	Pass
58 (Average)	5317.400	13.019	89.059	102.078	--	--	--
58 (Average)	5350.000	12.999	36.556	49.555	74.00	54.00	Pass
58 (Average)	5357.200	12.994	40.489	53.483	74.00	54.00	Pass

Figure Channel 58:**Vertical (Peak)****Figure Channel 58:****Vertical (Average)**

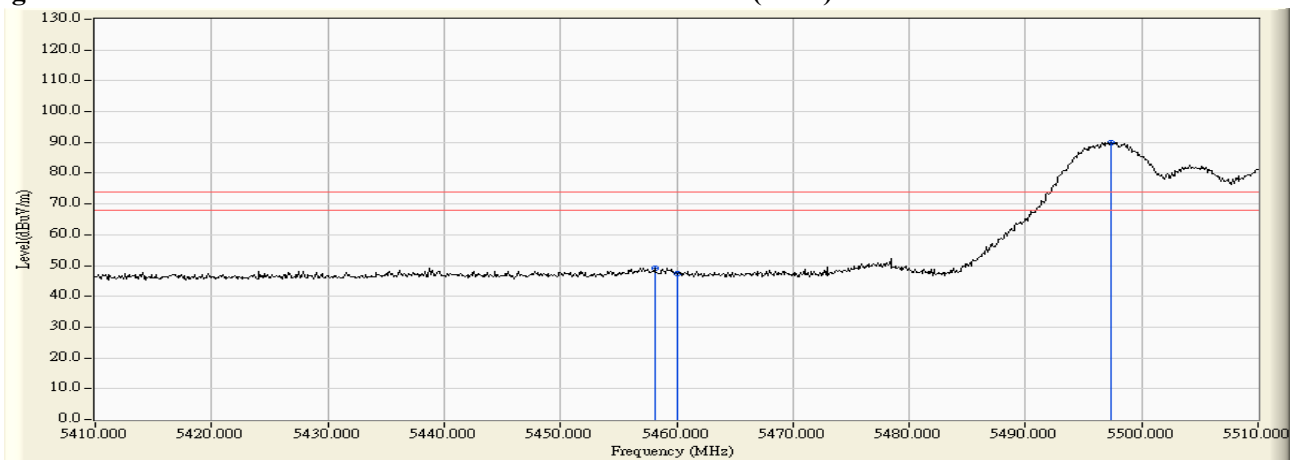
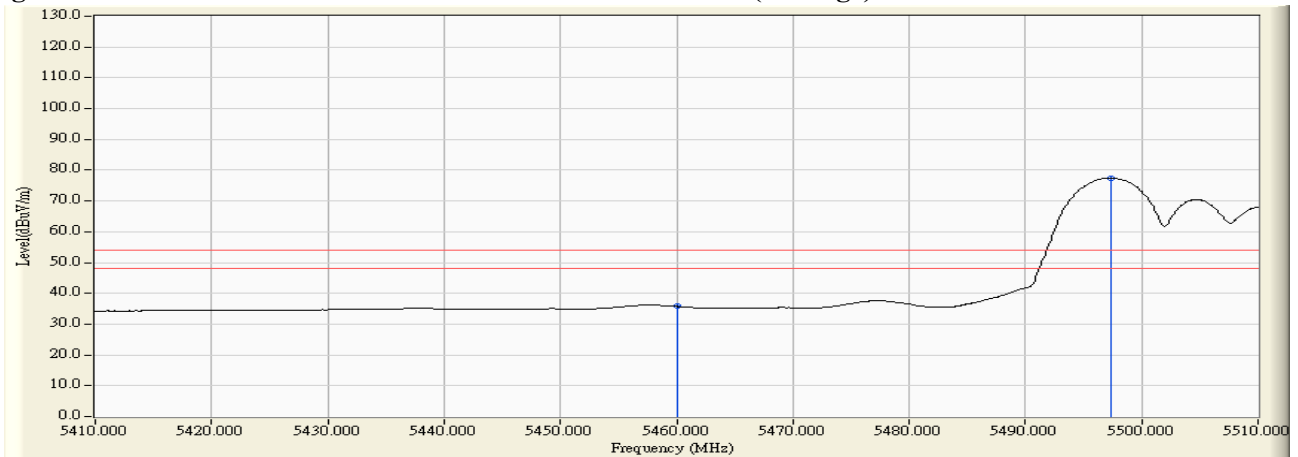
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.18)

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
106 (Peak)	5458.100	11.677	37.533	49.210	74.00	54.00	Pass
106 (Peak)	5460.000	11.703	35.780	47.483	74.00	54.00	Pass
106 (Peak)	5497.300	12.150	77.875	90.025	--	--	--
106 (Average)	5460.000	11.703	24.029	35.732	74.00	54.00	Pass
106 (Average)	5497.300	12.150	65.286	77.436	--	--	--

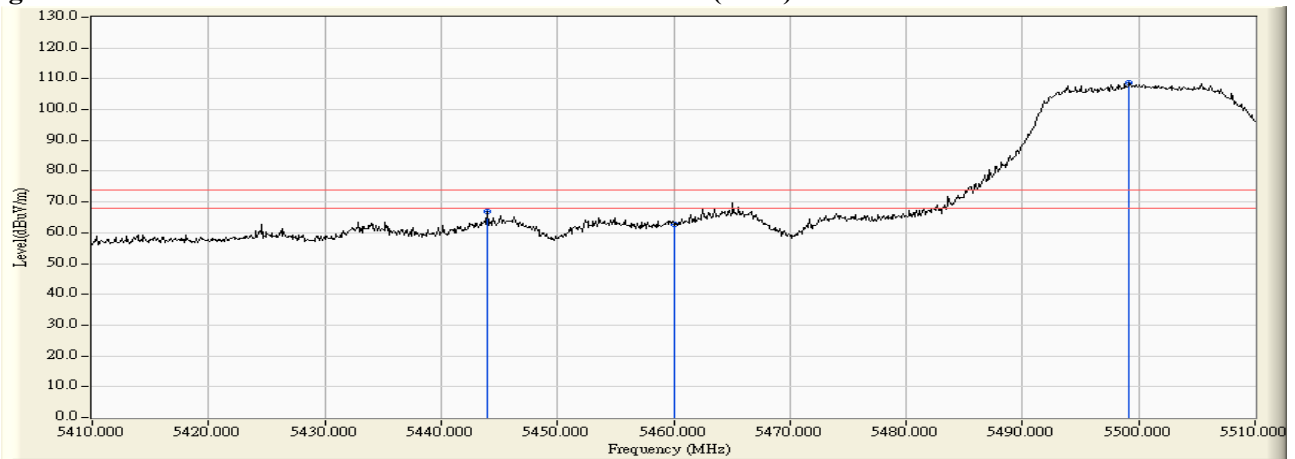
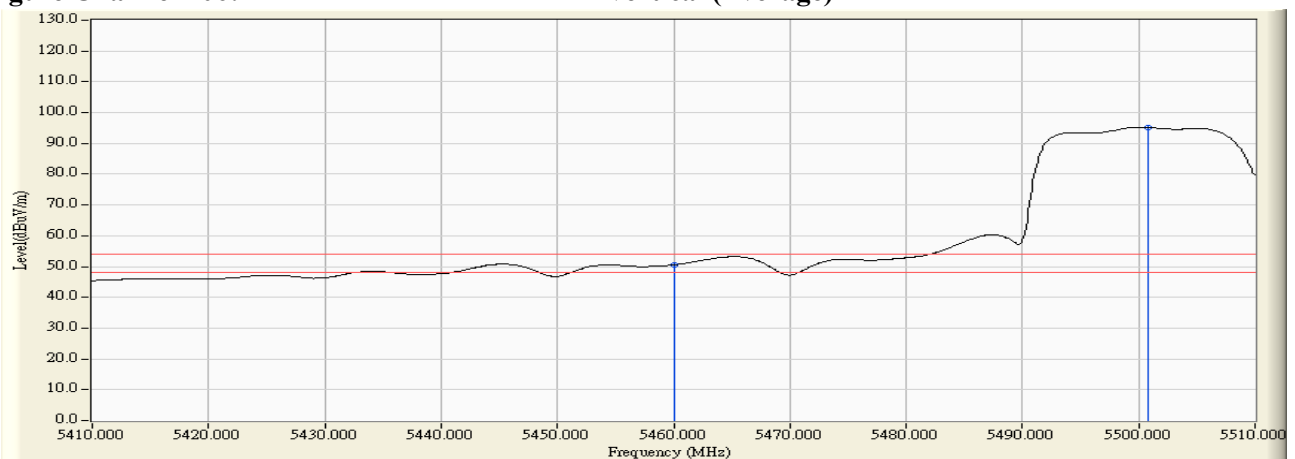
Figure Channel 106:
Horizontal (Peak)

Figure Channel 106:
Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.18)

RF Radiated Measurement (Vertical):

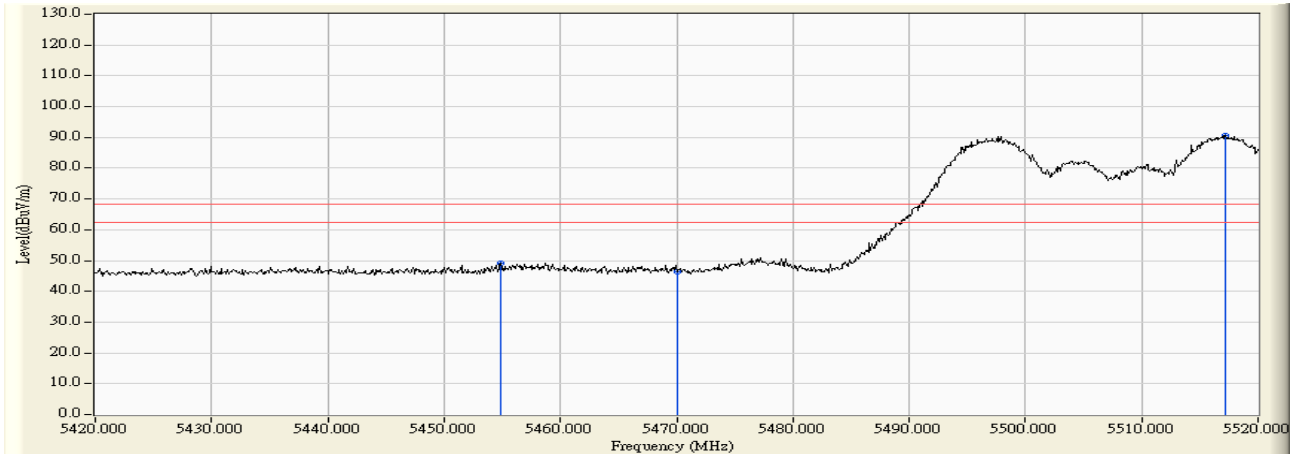
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
106 (Peak)	5444.000	13.277	53.698	66.975	74.00	54.00	Pass
106 (Peak)	5460.000	13.390	49.185	62.575	74.00	54.00	Pass
106 (Peak)	5499.200	13.627	95.058	108.685	--	--	--
106 (Average)	5460.000	13.390	37.222	50.612	74.00	54.00	Pass
106 (Average)	5500.800	13.632	81.568	95.200	--	--	--

Figure Channel 106:**Vertical (Peak)****Figure Channel 106:****Vertical (Average)**

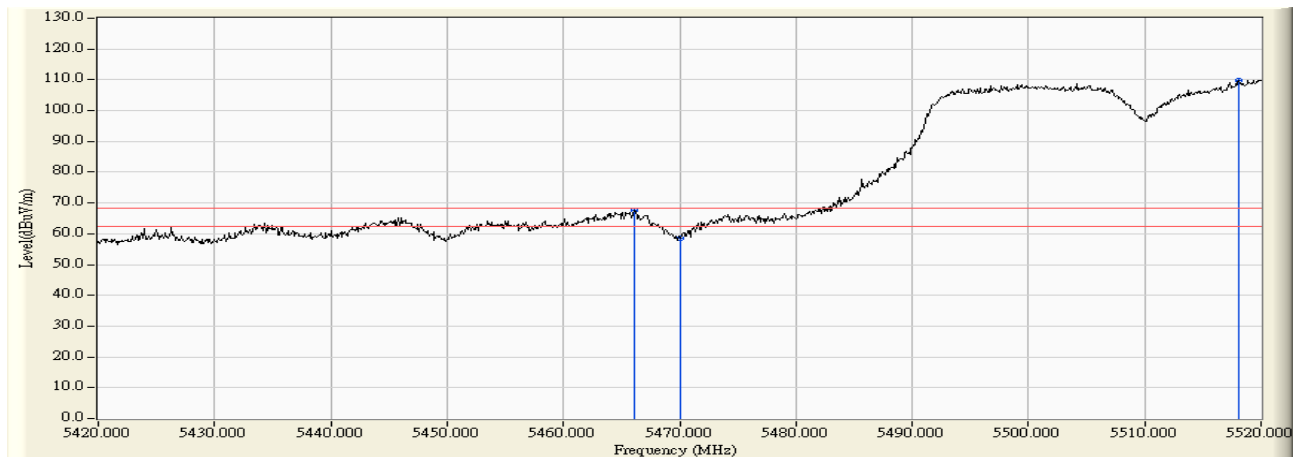
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.18)

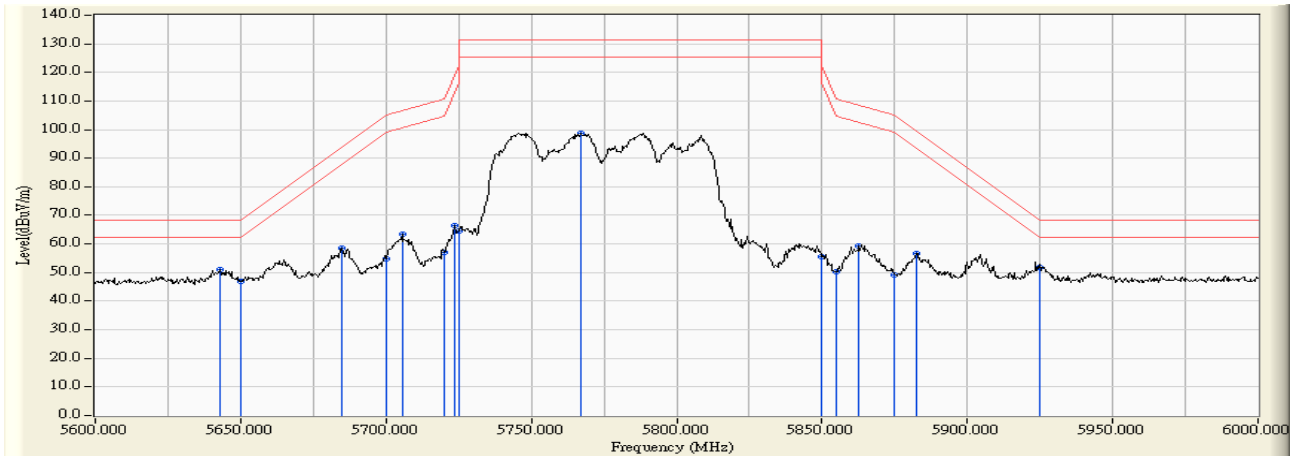
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5454.900	11.634	37.574	49.208	-19.012	68.220	Pass
Horizontal	5470.000	11.838	34.675	46.513	-21.707	68.220	Pass
Horizontal	5517.200	12.106	78.425	90.530	22.310	68.220	Pass

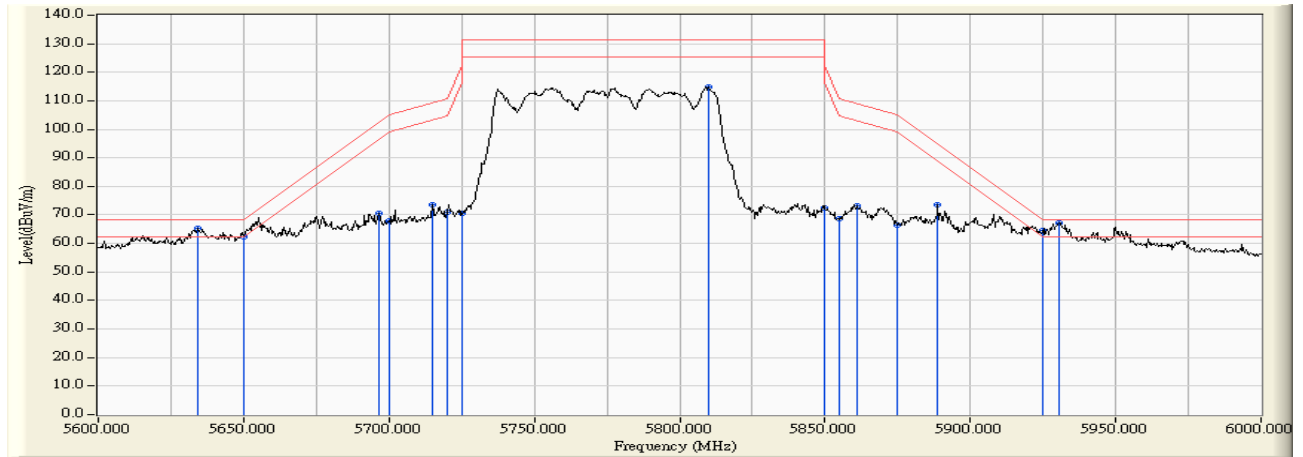


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5466.100	13.434	54.210	67.644	-0.576	68.220	Pass
Vertical	5470.000	13.462	45.239	58.701	-9.519	68.220	Pass
Vertical	5518.100	13.561	96.322	109.883	41.663	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/06/01
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps)-Channel 155 (Antenna No.18)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5642.800	11.537	39.534	51.071	-17.149	68.220	Pass
Horizontal	5650.000	11.554	35.543	47.098	-21.122	68.220	Pass
Horizontal	5684.800	11.636	47.062	58.698	-35.260	93.958	Pass
Horizontal	5700.000	11.647	43.331	54.978	-50.222	105.200	Pass
Horizontal	5705.600	11.643	51.819	63.463	-43.305	106.768	Pass
Horizontal	5720.000	11.607	45.364	56.971	-53.829	110.800	Pass
Horizontal	5723.600	11.596	54.998	66.594	-52.414	119.008	Pass
Horizontal	5725.000	11.592	52.806	64.398	-57.802	122.200	Pass
Horizontal	5767.200	11.458	87.345	98.804	-32.396	131.200	Pass
Horizontal	5850.000	11.701	43.684	55.385	-66.815	122.200	Pass
Horizontal	5855.000	11.735	38.539	50.274	-60.526	110.800	Pass
Horizontal	5862.800	11.788	47.651	59.440	-49.176	108.616	Pass
Horizontal	5875.000	11.873	37.424	49.297	-55.903	105.200	Pass
Horizontal	5882.400	11.925	44.646	56.571	-43.153	99.724	Pass
Horizontal	5925.000	12.068	39.708	51.777	-16.423	68.200	Pass

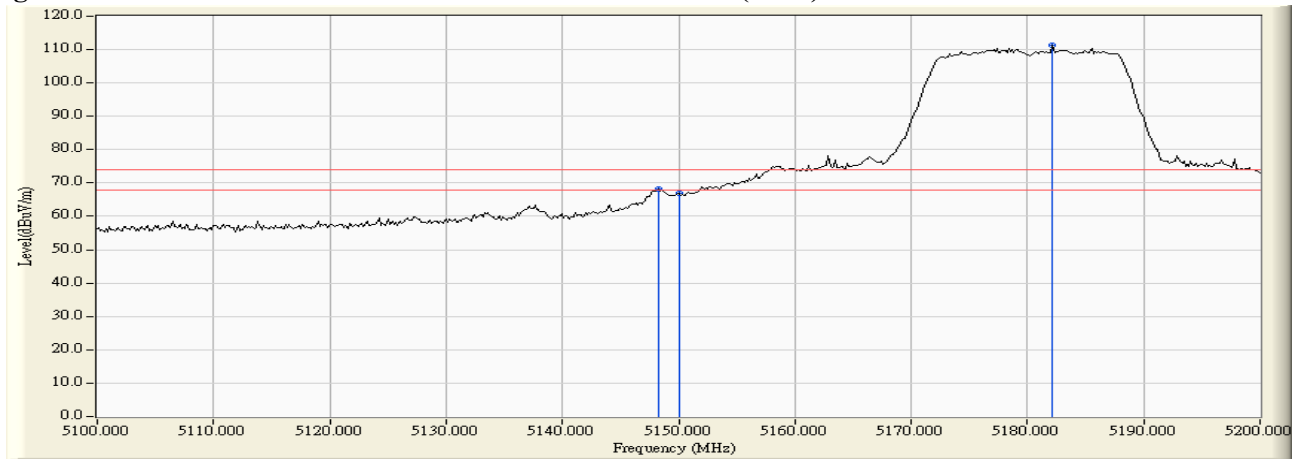
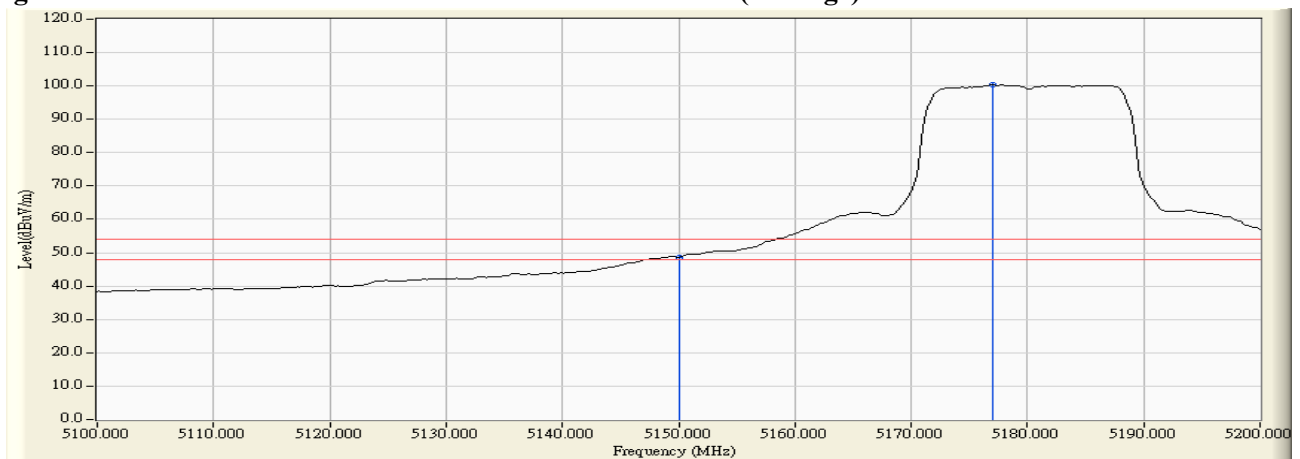


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5634.400	13.033	52.400	65.433	-2.787	68.220	Pass
Vertical	5650.000	13.029	49.233	62.262	-5.958	68.220	Pass
Vertical	5696.800	13.009	57.458	70.467	-32.366	102.833	Pass
Vertical	5700.000	13.003	55.001	68.004	-37.196	105.200	Pass
Vertical	5714.800	12.965	60.486	73.451	-35.893	109.344	Pass
Vertical	5720.000	12.947	57.810	70.757	-40.043	110.800	Pass
Vertical	5725.000	12.930	57.798	70.728	-51.472	122.200	Pass
Vertical	5810.000	12.693	102.128	114.820	-16.380	131.200	Pass
Vertical	5850.000	12.774	59.690	72.464	-49.736	122.200	Pass
Vertical	5855.000	12.784	55.880	68.664	-42.136	110.800	Pass
Vertical	5860.800	12.796	60.414	73.210	-35.966	109.176	Pass
Vertical	5875.000	12.825	53.759	66.584	-38.616	105.200	Pass
Vertical	5888.800	12.856	60.620	73.475	-21.513	94.988	Pass
Vertical	5925.000	12.911	51.630	64.541	-3.659	68.200	Pass
Vertical	5930.400	12.919	54.334	67.253	-0.947	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 36 (Antenna No.19)

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
36 (Peak)	5148.261	10.476	57.764	68.239	74.00	54.00	Pass
36 (Peak)	5150.000	10.470	56.337	66.808	74.00	54.00	Pass
36 (Peak)	5182.174	10.388	100.897	111.285	--	--	--
36 (Average)	5150.000	10.470	38.231	48.702	74.00	54.00	Pass
36 (Average)	5176.957	10.402	89.857	100.259	--	--	--

Figure Channel 36: Horizontal (Peak)

Figure Channel 36: Horizontal (Average)


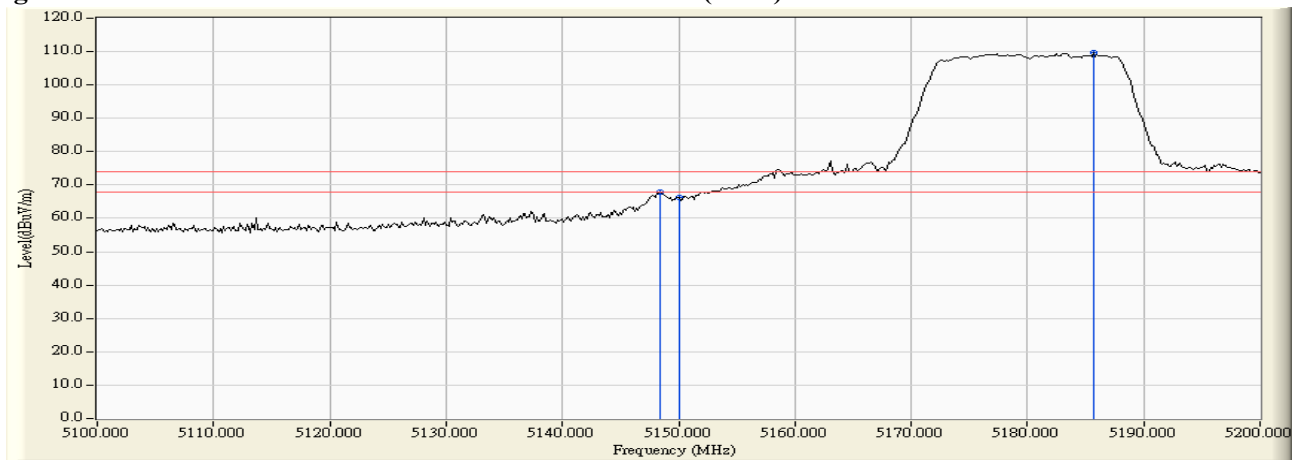
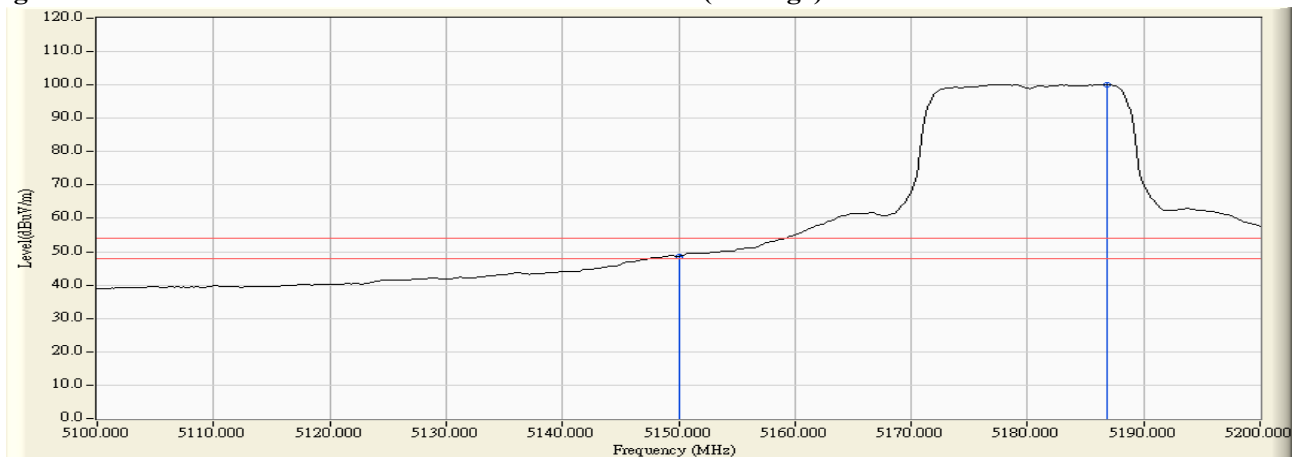
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 36 (Antenna No.19)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
36 (Peak)	5148.406	12.385	55.503	67.887	74.00	54.00	Pass
36 (Peak)	5150.000	12.390	53.773	66.163	74.00	54.00	Pass
36 (Peak)	5185.652	12.523	97.168	109.690	--	--	--
36 (Average)	5150.000	12.390	36.294	48.684	74.00	54.00	Pass
36 (Average)	5186.812	12.527	87.674	100.201	--	--	--

Figure Channel 36: Vertical (Peak)

Figure Channel 36: Vertical (Average)


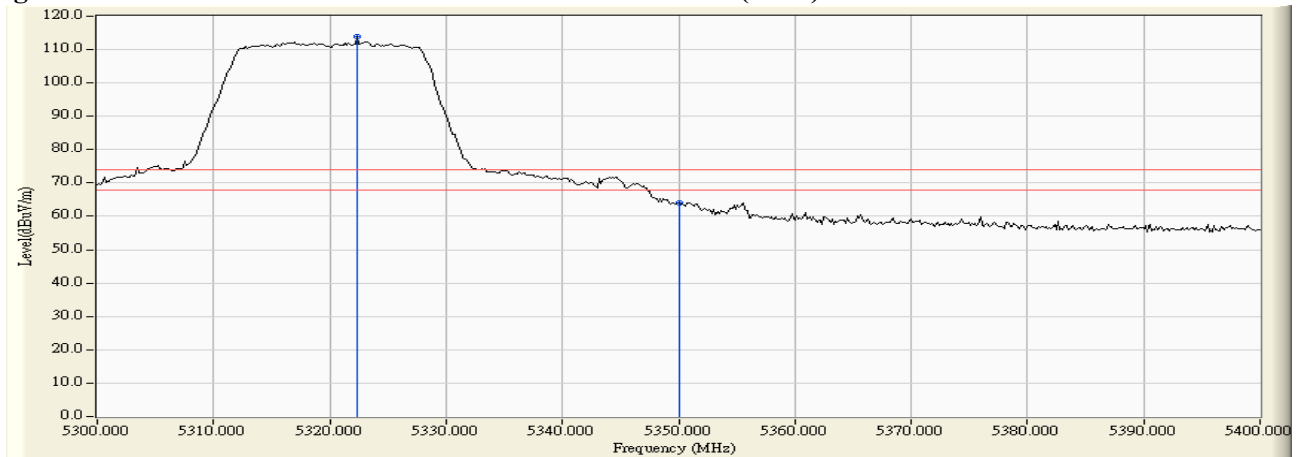
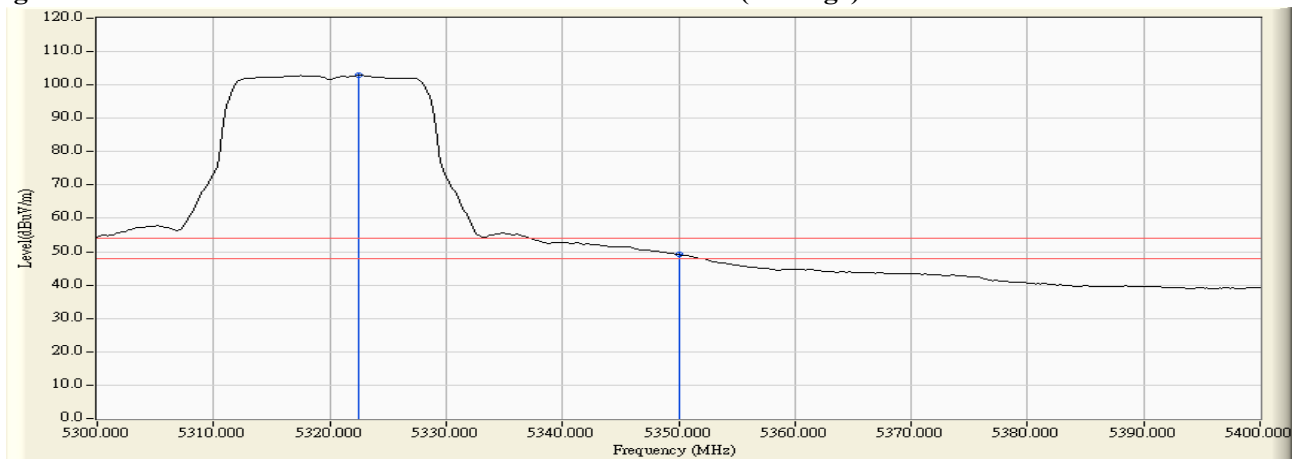
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 64 (Antenna No.19)

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
64 (Peak)	5322.319	11.094	102.876	113.971	--	--	--
64 (Peak)	5350.000	11.024	52.930	63.954	74.00	54.00	Pass
64 (Average)	5322.464	11.094	91.815	102.910	--	--	--
64 (Average)	5350.000	11.024	38.152	49.176	74.00	54.00	Pass

Figure Channel 64: Horizontal (Peak)

Figure Channel 64: Horizontal (Average)


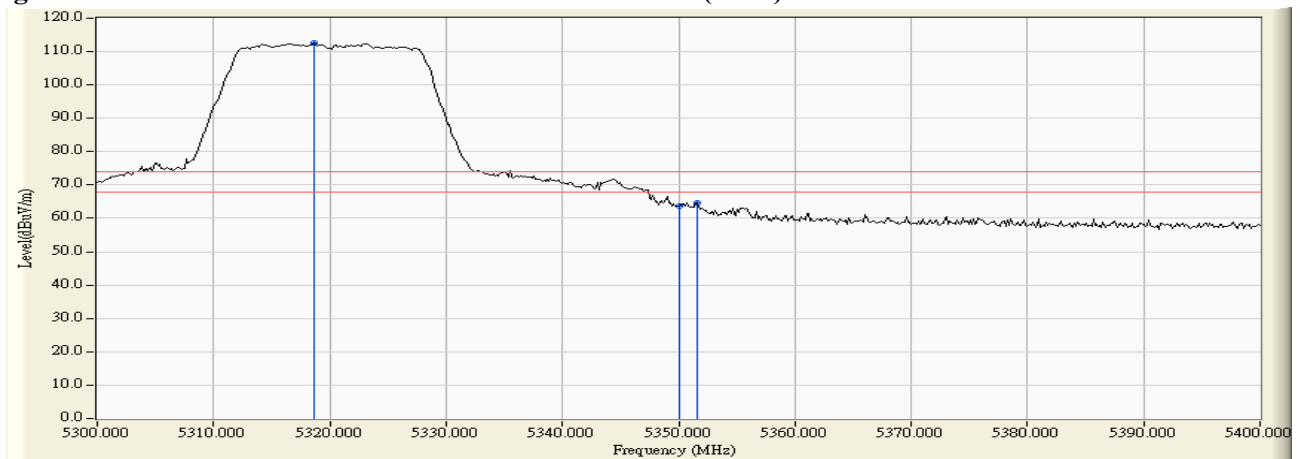
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 64 (Antenna No.19)

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
64 (Peak)	5318.696	13.018	99.655	112.674	--	--	--
64 (Peak)	5350.000	12.999	50.799	63.798	74.00	54.00	Pass
64 (Peak)	5351.594	12.998	51.618	64.616	74.00	54.00	Pass
64 (Average)	5317.826	13.019	90.167	103.186	--	--	--
64 (Average)	5350.000	12.999	36.217	49.216	74.00	54.00	Pass

Figure Channel 64: Vertical (Peak)**Figure Channel 64: Vertical (Average)**

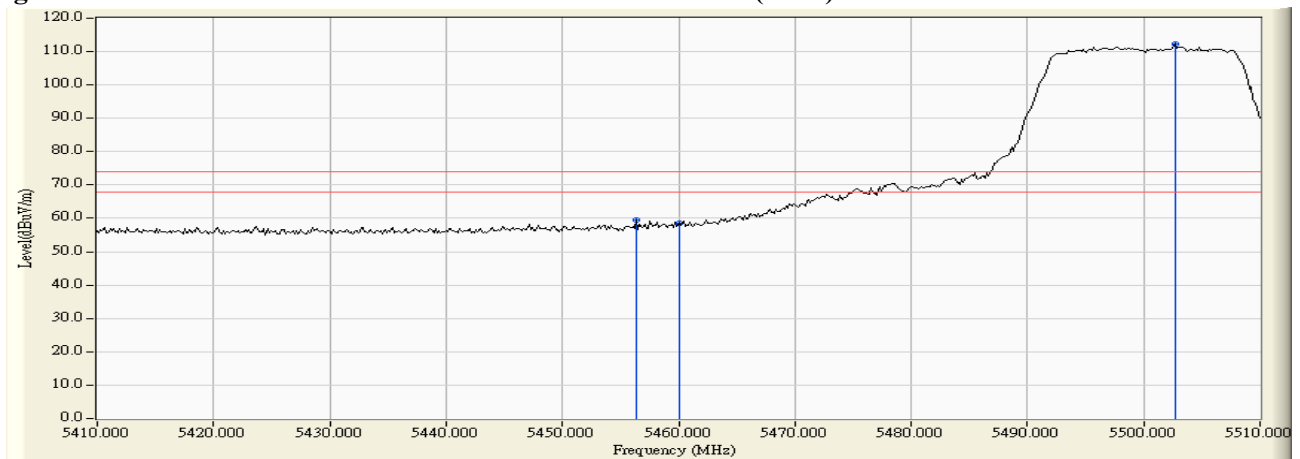
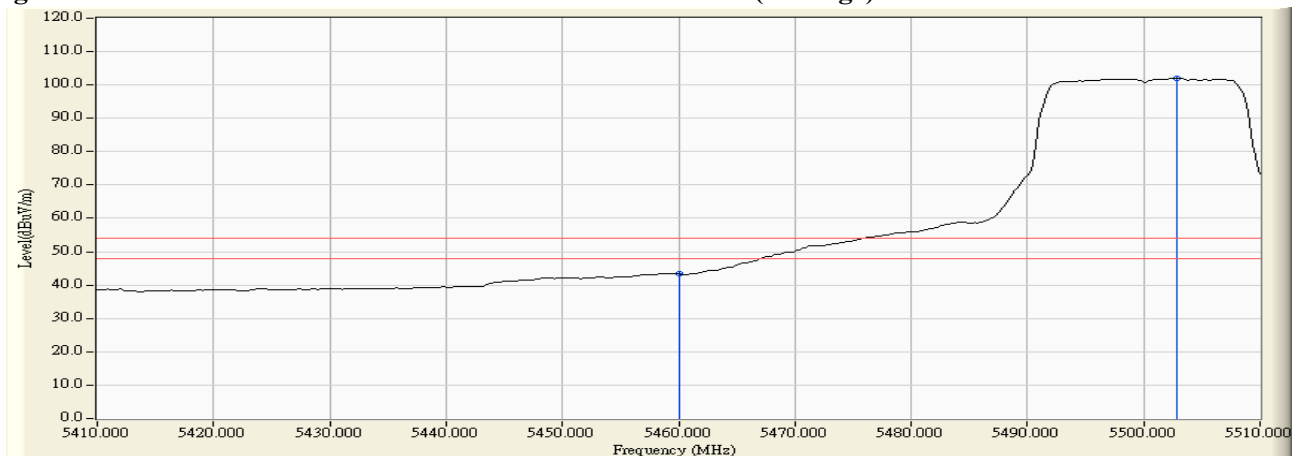
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100 (Antenna No.19)

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
100 (Peak)	5456.377	11.655	47.733	59.387	74.00	54.00	Pass
100 (Peak)	5460.000	11.703	46.835	58.538	74.00	54.00	Pass
100 (Peak)	5502.754	12.188	100.122	112.310	--	--	--
100 (Average)	5460.000	11.703	31.584	43.287	74.00	54.00	Pass
100 (Average)	5502.899	12.190	89.768	101.957	--	--	--

Figure Channel 100: Horizontal (Peak)**Figure Channel 100: Horizontal (Average)**

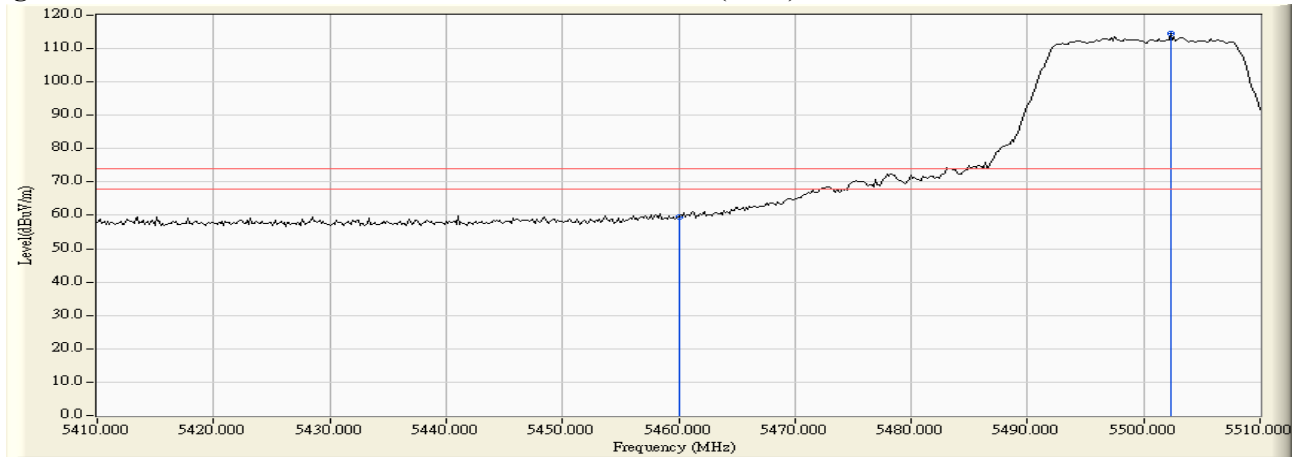
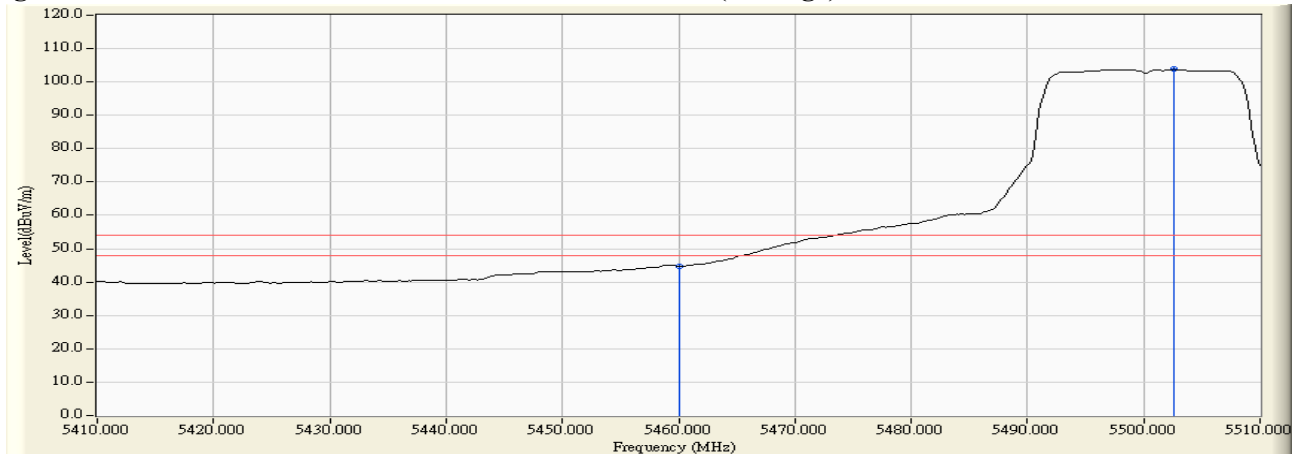
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100 (Antenna No.19)

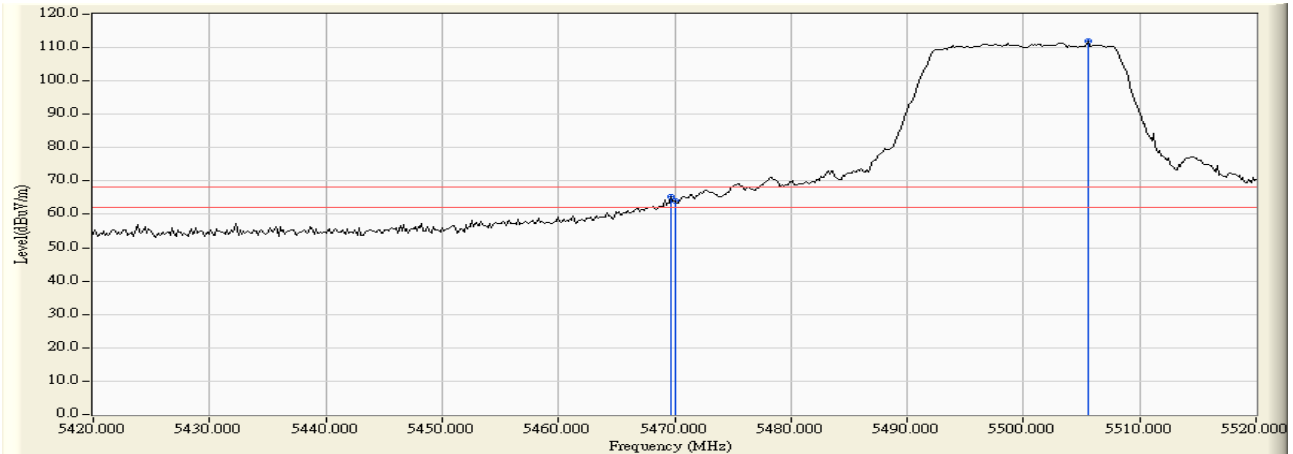
RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
100 (Peak)	5460.000	13.390	46.099	59.489	74.00	54.00	Pass
100 (Peak)	5502.319	13.637	100.948	114.585	--	--	--
100 (Average)	5460.000	13.390	31.392	44.782	74.00	54.00	Pass
100 (Average)	5502.609	13.638	90.119	103.756	--	--	--

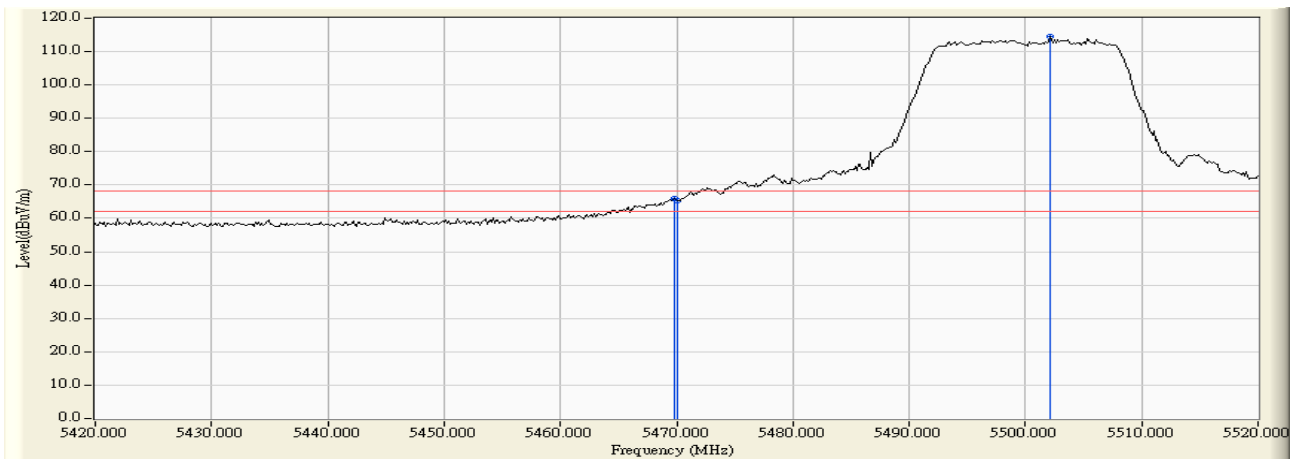
Figure Channel 100: Vertical (Peak)**Figure Channel 100: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 100 (Antenna No.19)

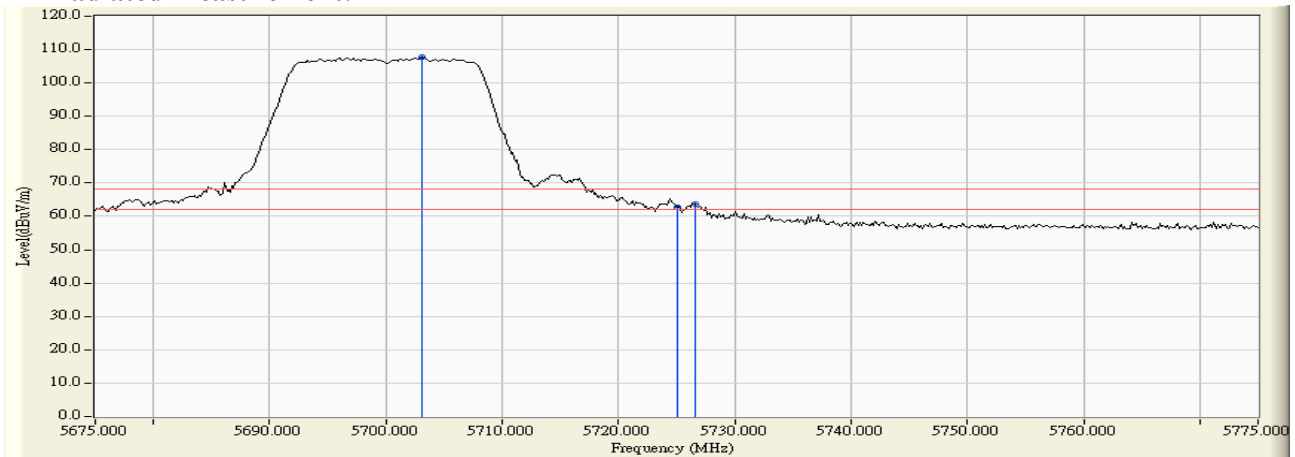
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5469.710	11.834	53.449	65.284	-2.936	68.220	Pass
Horizontal	5470.000	11.838	52.065	63.903	-4.317	68.220	Pass
Horizontal	5505.507	12.200	99.714	111.914	43.694	68.220	Pass

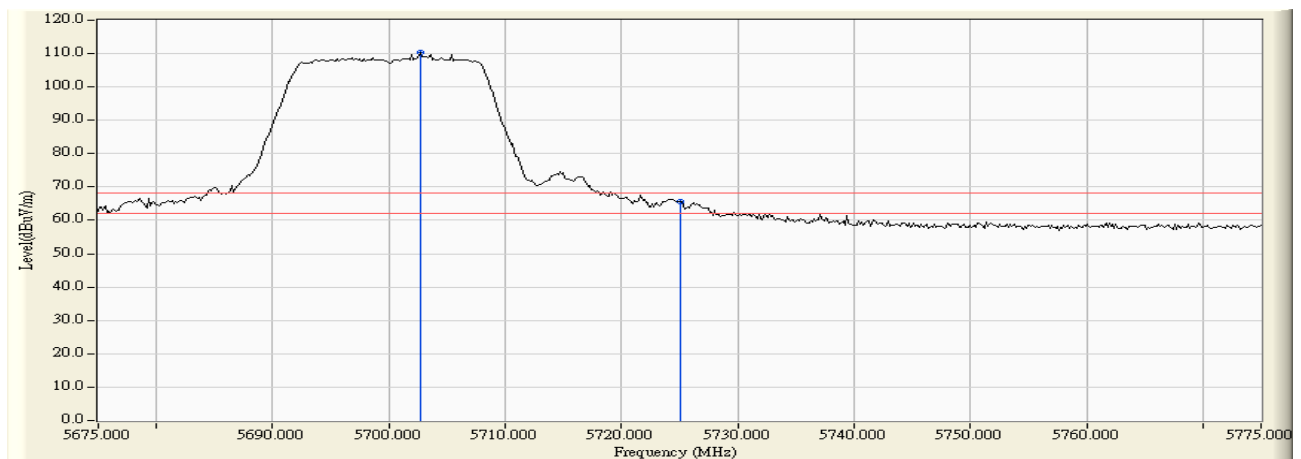


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5469.855	13.460	52.335	65.796	-2.424	68.220	Pass
Vertical	5470.000	13.462	51.962	65.424	-2.796	68.220	Pass
Vertical	5502.174	13.637	100.952	114.588	46.368	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) -Channel 140 (Antenna No.19)

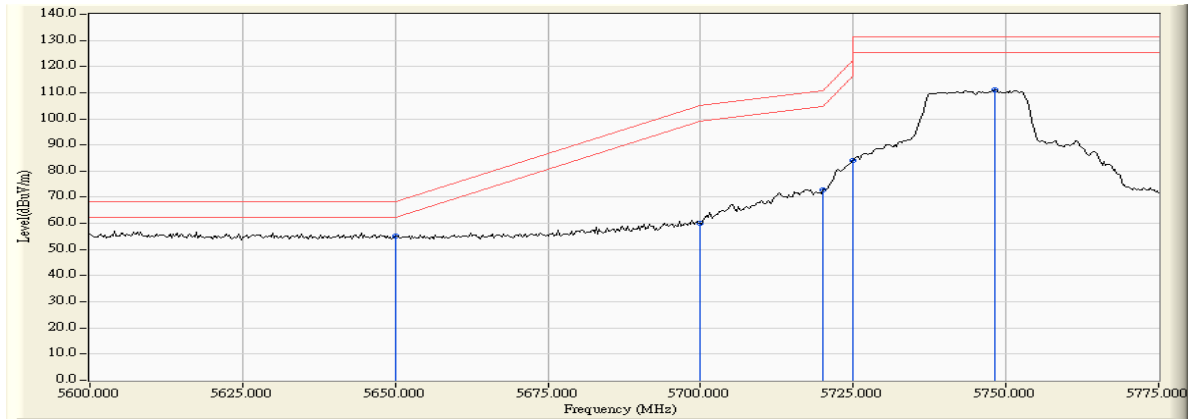
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5703.116	11.646	96.132	107.777	39.557	68.220	Pass
Horizontal	5725.000	11.592	51.045	62.637	-5.583	68.220	Pass
Horizontal	5726.594	11.587	52.177	63.764	-4.456	68.220	Pass

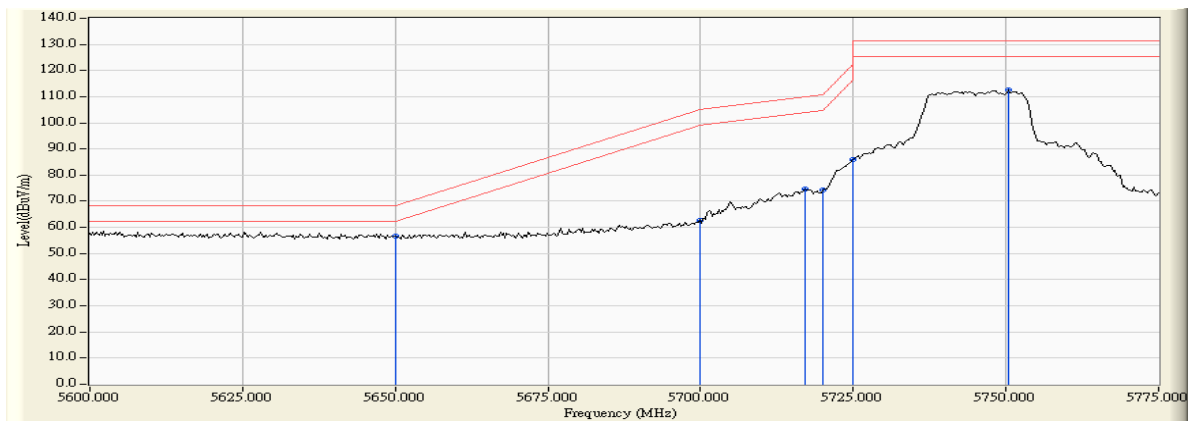


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5702.681	12.998	97.212	110.210	41.990	68.220	Pass
Vertical	5725.000	12.930	52.665	65.595	-2.625	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 149 (Antenna No.19)

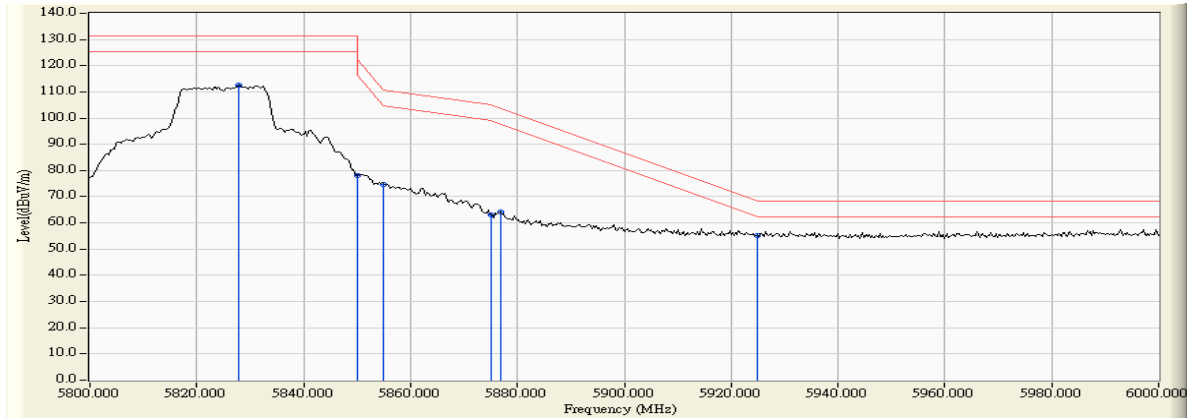
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Measure Level (dB μ V /m)	Margin (dB)	Limit (dB μ V /m)	Result
Horizontal	5650.000	11.554	43.655	55.210	-13.010	68.220	Pass
Horizontal	5700.000	11.647	48.295	59.942	-45.258	105.200	Pass
Horizontal	5720.000	11.607	61.121	72.728	-38.072	110.800	Pass
Horizontal	5725.000	11.592	72.424	84.016	-38.184	122.200	Pass
Horizontal	5748.116	11.519	99.461	110.979	-20.221	131.200	Pass

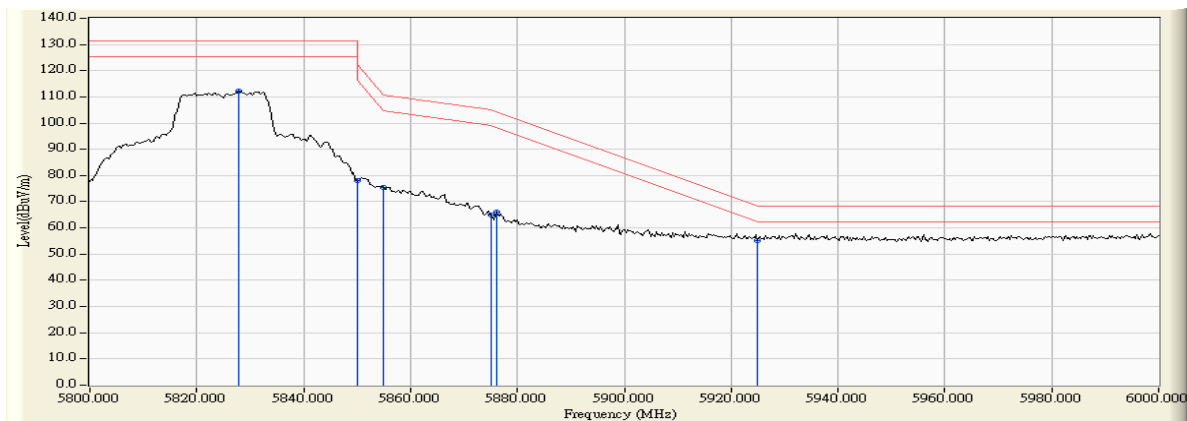


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Measure Level (dB μ V /m)	Margin (dB)	Limit (dB μ V /m)	Result
Vertical	5650.000	13.029	43.651	56.680	-11.540	68.220	Pass
Vertical	5700.000	13.003	49.590	62.593	-42.607	105.200	Pass
Vertical	5717.174	12.957	61.707	74.664	-35.345	110.009	Pass
Vertical	5720.000	12.947	61.191	74.138	-36.662	110.800	Pass
Vertical	5725.000	12.930	73.048	85.978	-36.222	122.200	Pass
Vertical	5750.399	12.841	99.701	112.542	-18.658	131.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 1: Transmit (802.11a-6Mbps)-Channel 165 (Antenna No.19)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5827.826	11.547	100.960	112.507	-18.693	131.200	Pass
Horizontal	5850.000	11.701	66.262	77.963	-44.237	122.200	Pass
Horizontal	5855.000	11.735	63.037	74.772	-36.028	110.800	Pass
Horizontal	5875.000	11.873	51.237	63.110	-42.090	105.200	Pass
Horizontal	5876.812	11.886	52.479	64.365	-39.494	103.859	Pass
Horizontal	5925.000	12.068	43.018	55.087	-13.113	68.200	Pass

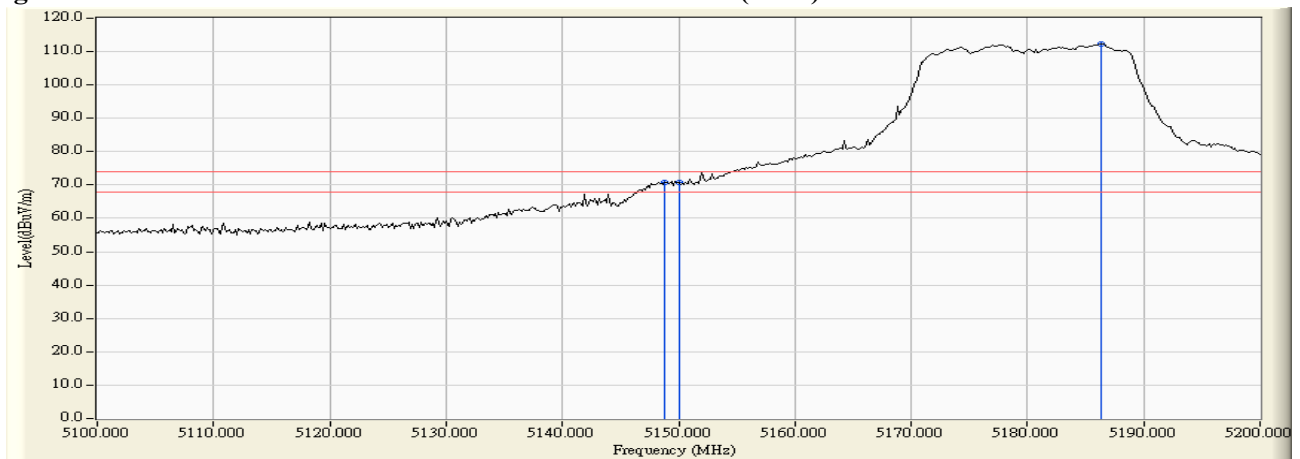
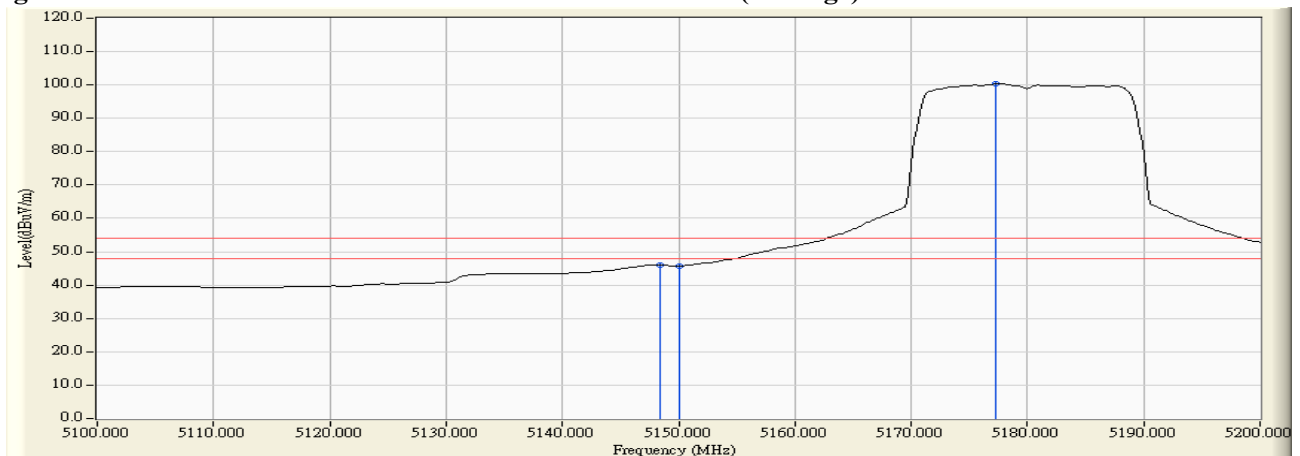


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5827.826	12.727	99.388	112.115	-19.085	131.200	Pass
Vertical	5850.000	12.774	65.207	77.981	-44.219	122.200	Pass
Vertical	5855.000	12.784	62.567	75.351	-35.449	110.800	Pass
Vertical	5875.000	12.825	51.985	64.810	-40.390	105.200	Pass
Vertical	5876.232	12.828	53.159	65.987	-38.301	104.288	Pass
Vertical	5925.000	12.911	42.449	55.360	-12.840	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 36 (Antenna No.19)

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
36 (Peak)	5148.841	10.474	60.351	70.825	74.00	54.00	Pass
36 (Peak)	5150.000	10.470	60.318	70.789	74.00	54.00	Pass
36 (Peak)	5186.377	10.377	102.045	112.423	--	--	--
36 (Average)	5148.406	10.475	35.683	46.158	74.00	54.00	Pass
36 (Average)	5150.000	10.470	35.264	45.735	74.00	54.00	Pass
36 (Average)	5177.246	10.400	89.880	100.281	--	--	--

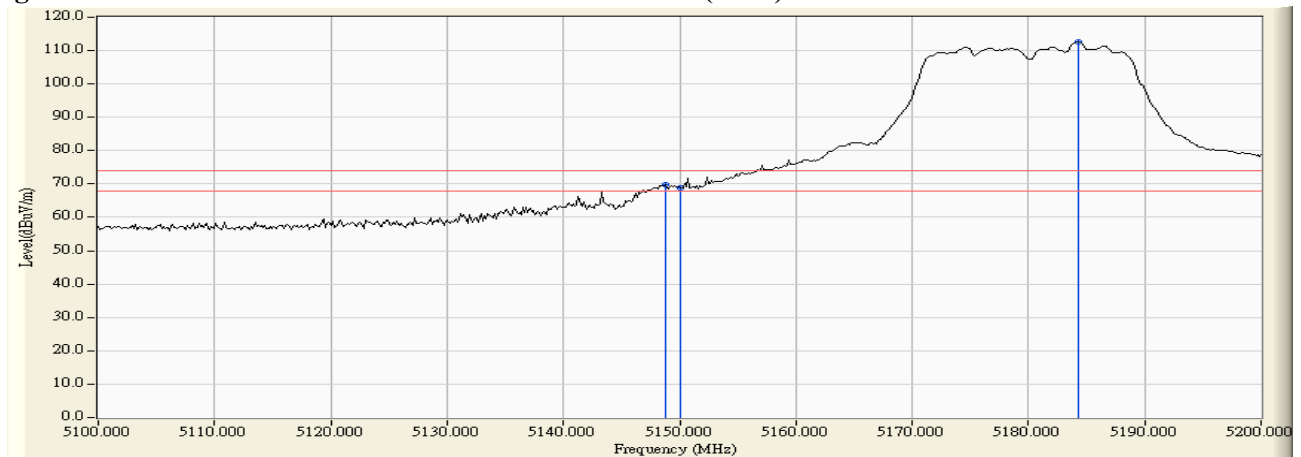
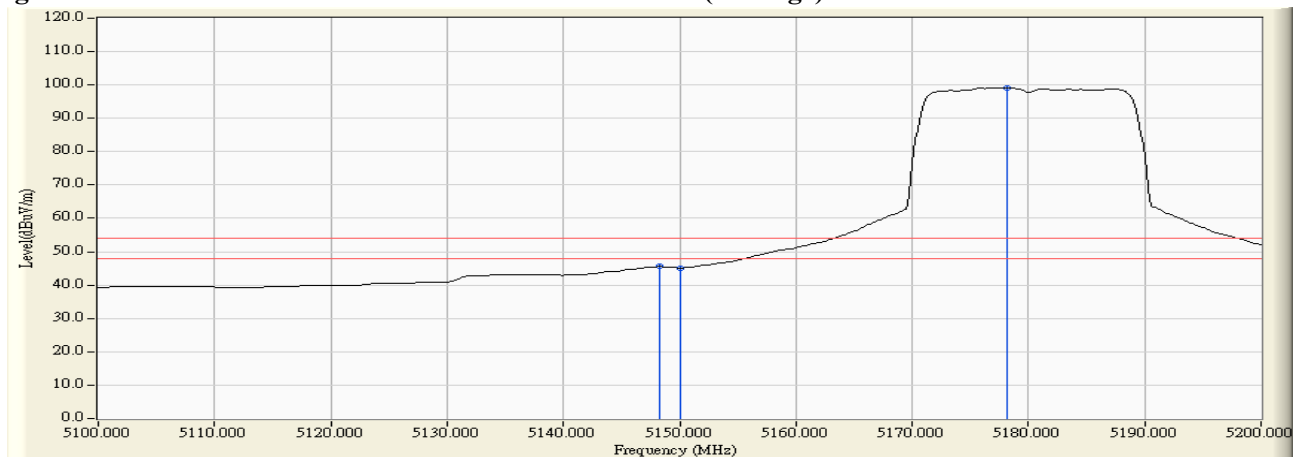
Figure Channel 36: Horizontal (Peak)

Figure Channel 36: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 36 (Antenna No.19)

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
36 (Peak)	5148.841	12.386	57.324	69.710	74.00	54.00	Pass
36 (Peak)	5150.000	12.390	56.485	68.875	74.00	54.00	Pass
36 (Peak)	5184.348	12.518	99.973	112.490	--	--	--
36 (Average)	5148.261	12.384	33.162	45.546	74.00	54.00	Pass
36 (Average)	5150.000	12.390	32.794	45.184	74.00	54.00	Pass
36 (Average)	5178.116	12.494	86.722	99.216	--	--	--

Figure Channel 36: Vertical (Peak)

Figure Channel 36: Vertical (Average)


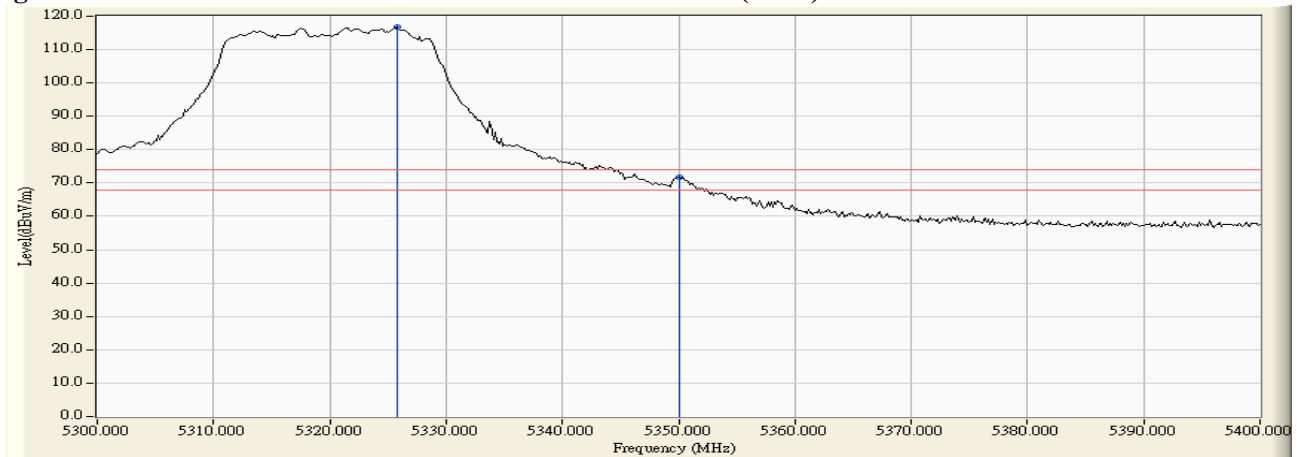
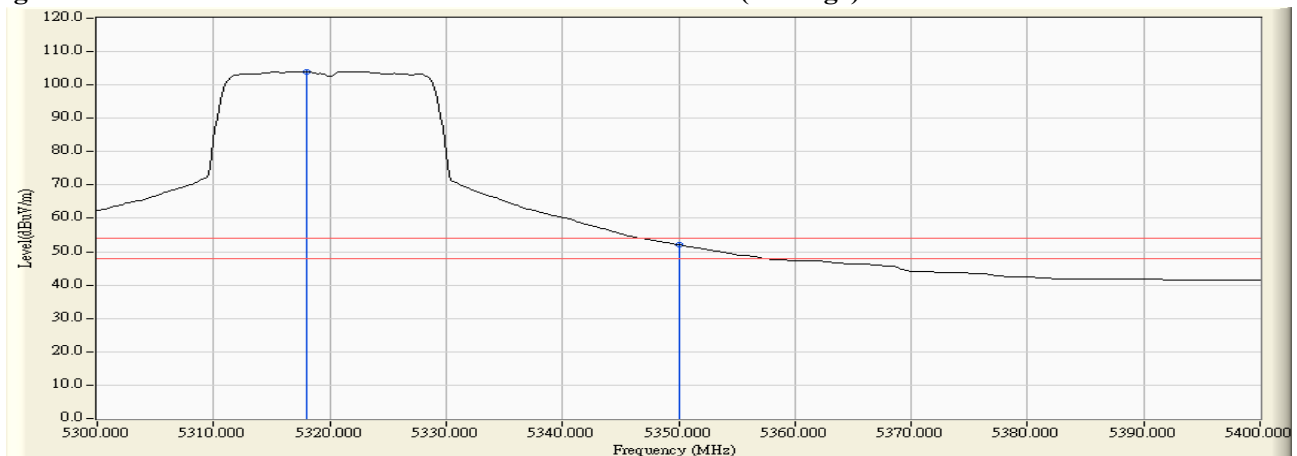
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 64 (Antenna No.19)

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
64 (Peak)	5325.797	11.086	105.562	116.648	--	--	--
64 (Peak)	5350.000	11.024	60.686	71.710	74.00	54.00	Pass
64 (Average)	5317.971	11.106	92.966	104.072	--	--	--
64 (Average)	5350.000	11.024	41.067	52.091	74.00	54.00	Pass

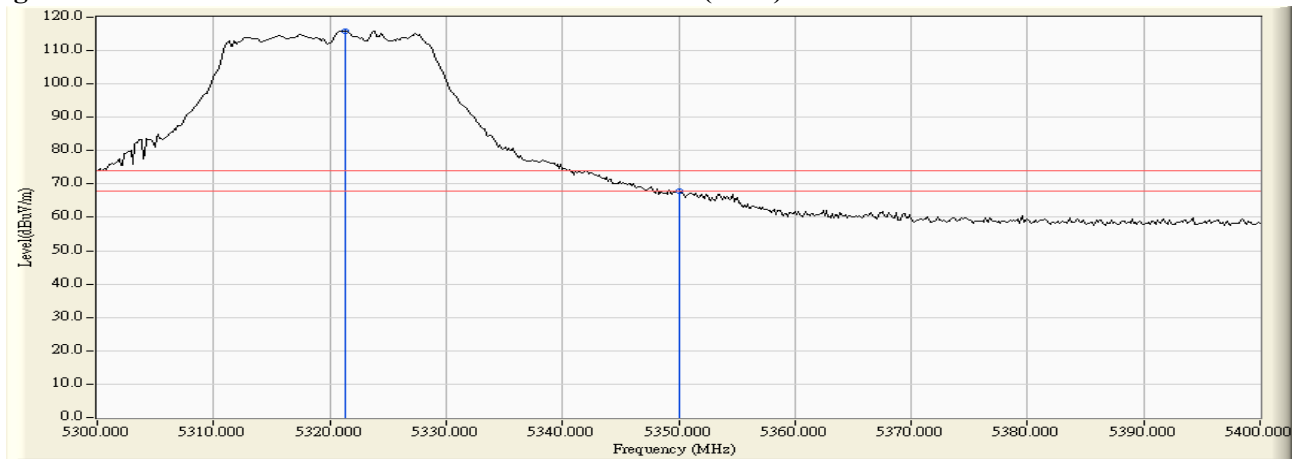
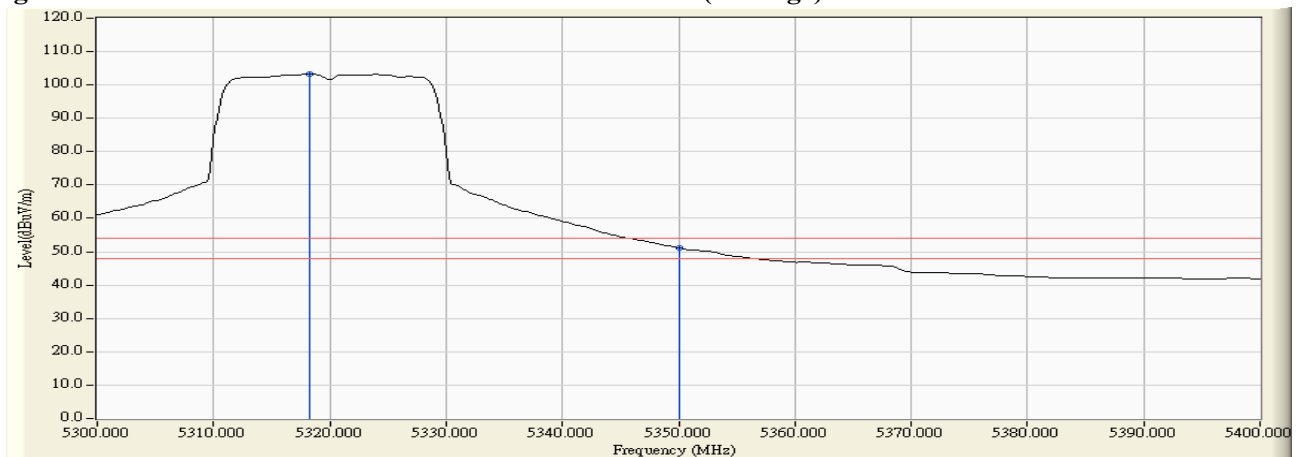
Figure Channel 64: Horizontal (Peak)

Figure Channel 64: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 64 (Antenna No.19)

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
64 (Peak)	5321.304	13.017	102.829	115.846	--	--	--
64 (Peak)	5350.000	12.999	54.943	67.942	74.00	54.00	Pass
64 (Average)	5318.261	13.019	90.248	103.267	--	--	--
64 (Average)	5350.000	12.999	38.103	51.102	74.00	54.00	Pass

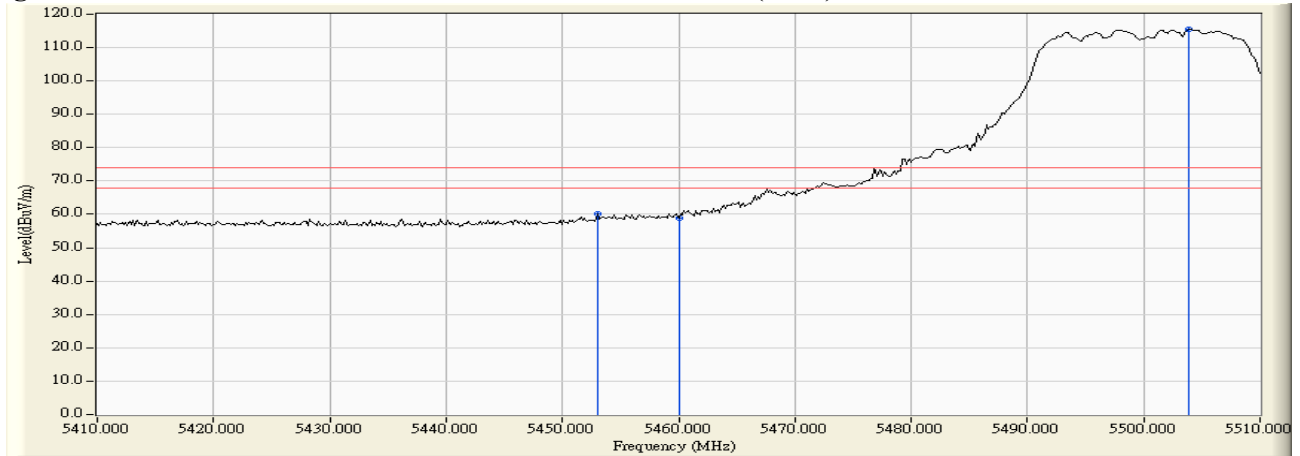
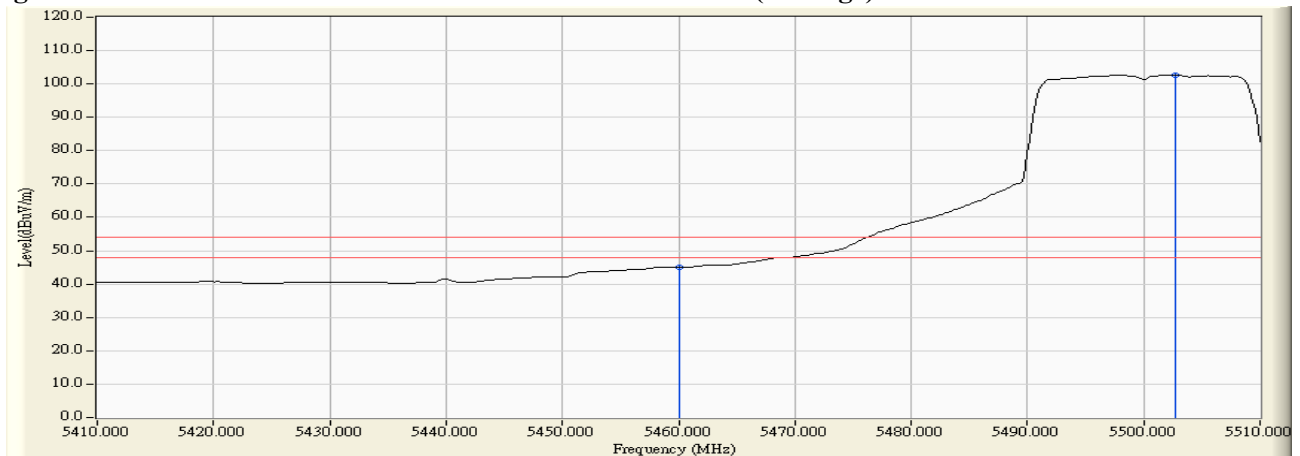
Figure Channel 64: Vertical (Peak)**Figure Channel 64: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 100 (Antenna No.19)

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
100 (Peak)	5453.043	11.609	48.525	60.134	74.00	54.00	Pass
100 (Peak)	5460.000	11.703	47.321	59.024	74.00	54.00	Pass
100 (Peak)	5503.913	12.196	103.281	115.477	--	--	--
100 (Average)	5460.000	11.703	33.399	45.102	74.00	54.00	Pass
100 (Average)	5502.754	12.188	90.449	102.637	--	--	--

Figure Channel 100:**Horizontal (Peak)****Figure Channel 100:****Horizontal (Average)**

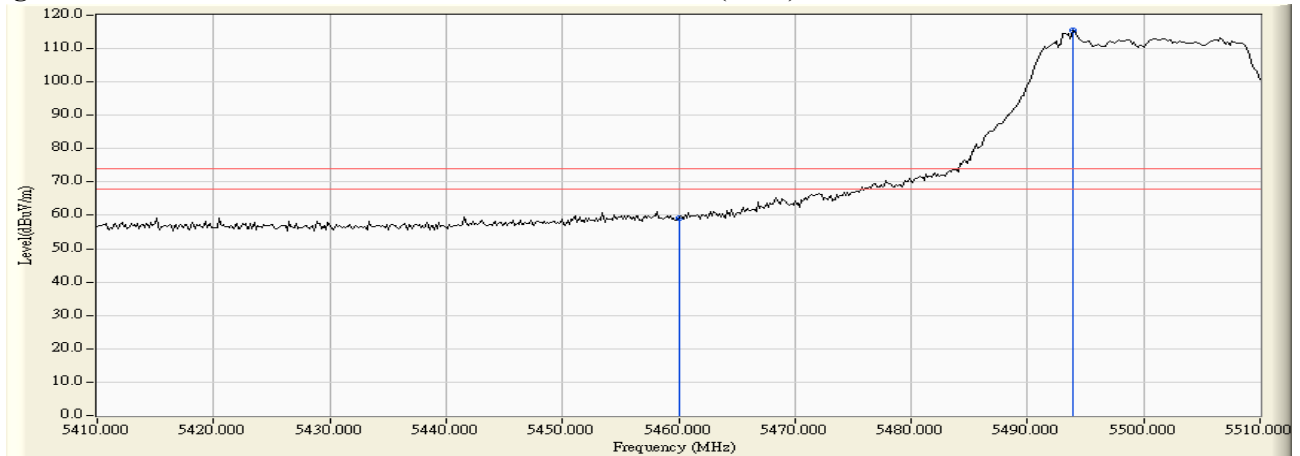
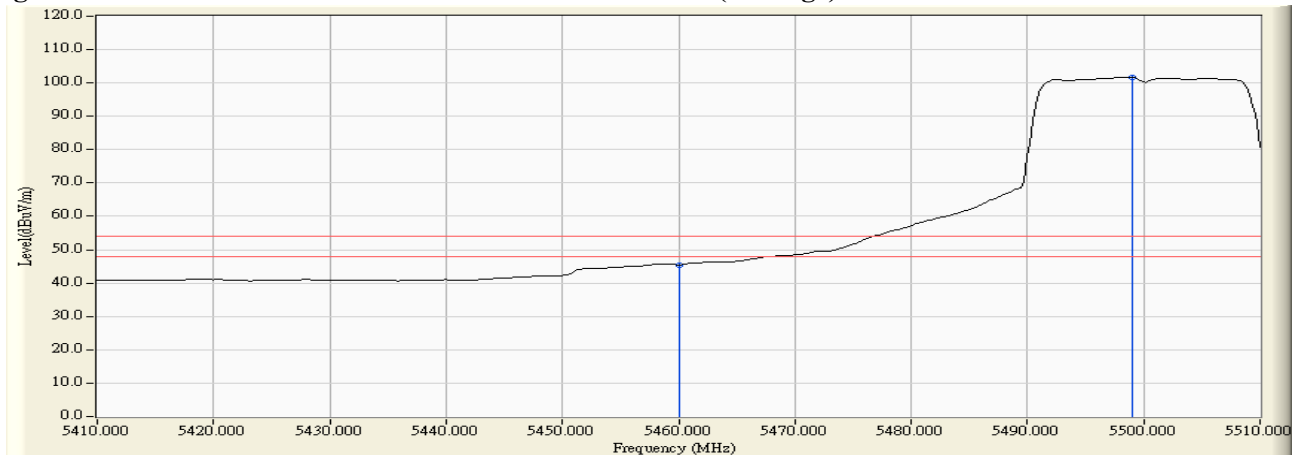
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 100 (Antenna No.19)

RF Radiated Measurement (Vertical):

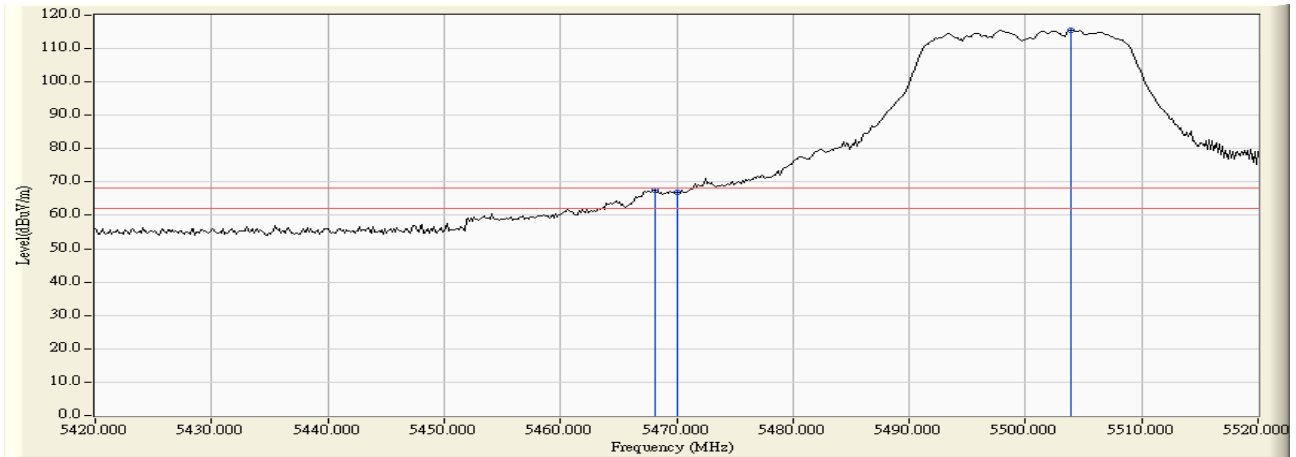
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Emission Level (dBμV/m)	Peak Limit (dBμV/m)	Average Limit (dBμV/m)	Result
100 (Peak)	5460.000	13.390	45.725	59.115	74.00	54.00	Pass
100 (Peak)	5493.913	13.610	101.973	115.583	--	--	--
100 (Average)	5460.000	13.390	32.085	45.475	74.00	54.00	Pass
100 (Average)	5498.986	13.626	88.030	101.656	--	--	--

Figure Channel 100:
Vertical (Peak)

Figure Channel 100:
Vertical (Average)


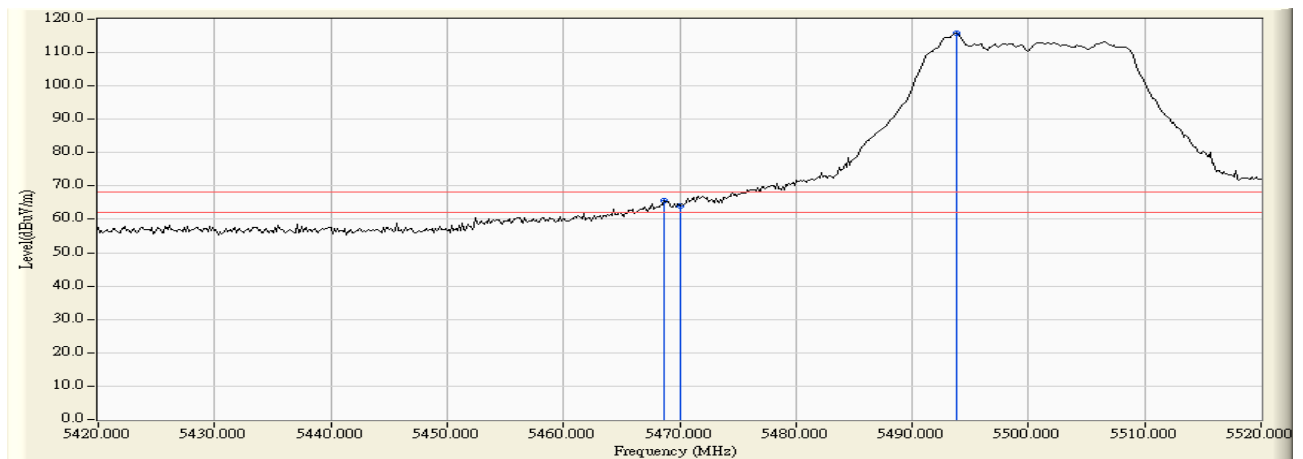
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 100 (Antenna No.19)

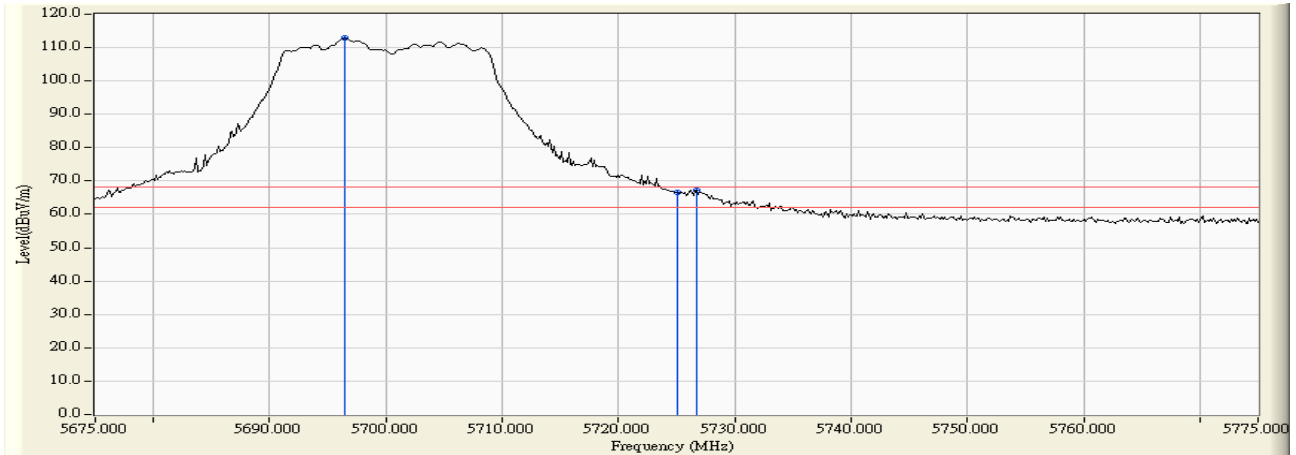
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5468.116	11.812	55.633	67.446	-0.774	68.220	Pass
Horizontal	5470.000	11.838	54.983	66.821	-1.399	68.220	Pass
Horizontal	5503.913	12.196	103.400	115.596	47.376	68.220	Pass

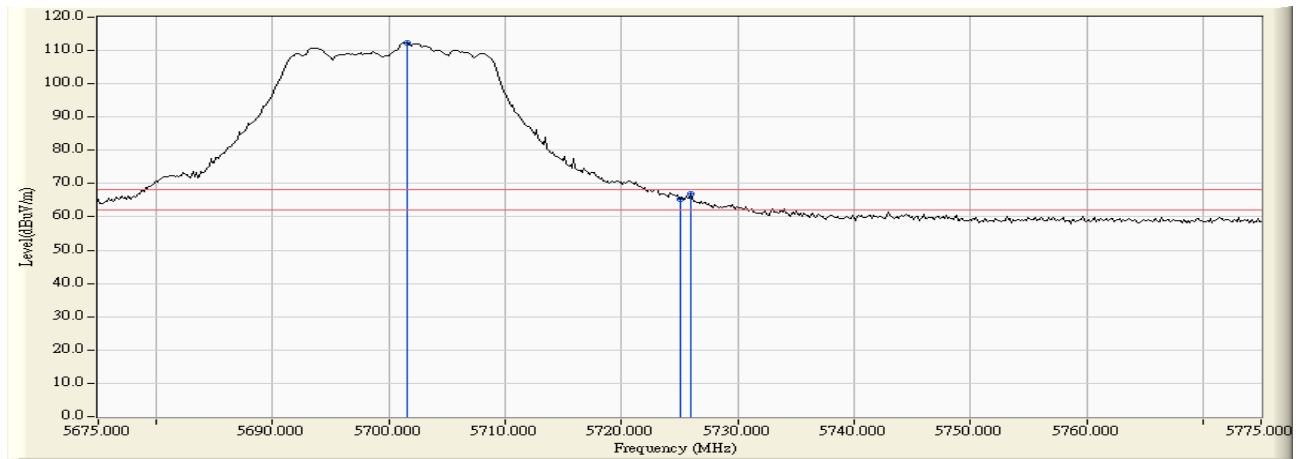


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5468.696	13.453	52.153	65.605	-2.615	68.220	Pass
Vertical	5470.000	13.462	50.697	64.159	-4.061	68.220	Pass
Vertical	5493.768	13.610	102.095	115.704	47.484	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 140 (Antenna No.19)

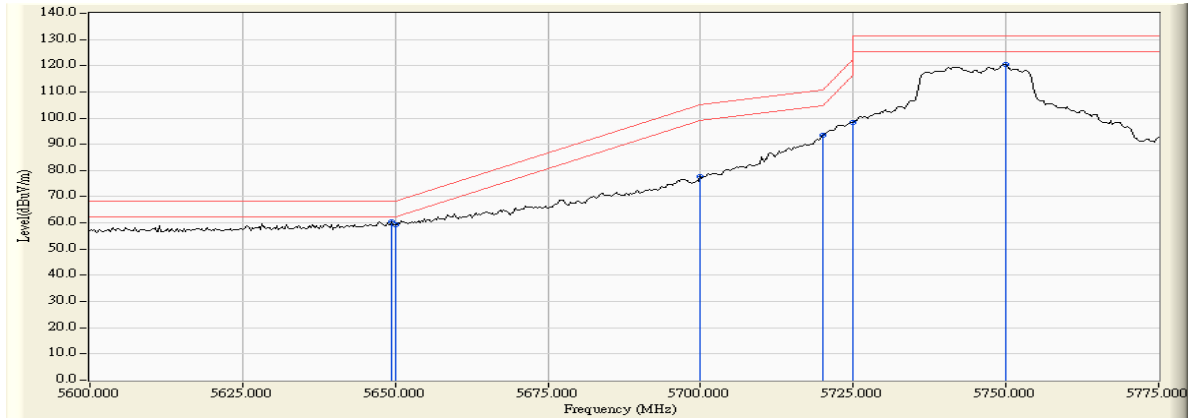
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5696.449	11.649	101.183	112.833	44.613	68.220	Pass
Horizontal	5725.000	11.592	54.903	66.495	-1.725	68.220	Pass
Horizontal	5726.739	11.587	55.735	67.322	-0.898	68.220	Pass

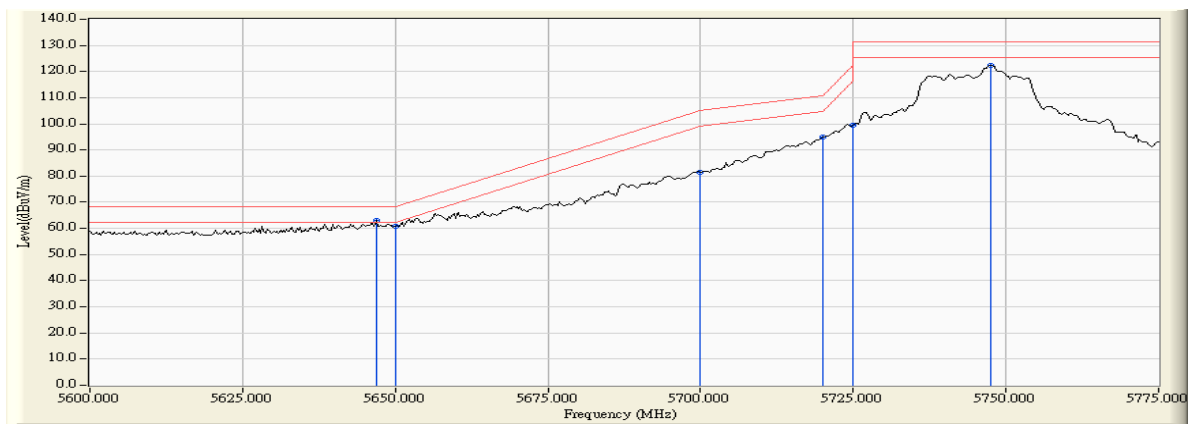


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5701.522	13.001	99.410	112.410	44.190	68.220	Pass
Vertical	5725.000	12.930	52.537	65.467	-2.753	68.220	Pass
Vertical	5726.014	12.926	53.917	66.844	-1.376	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 149 (Antenna No.19)

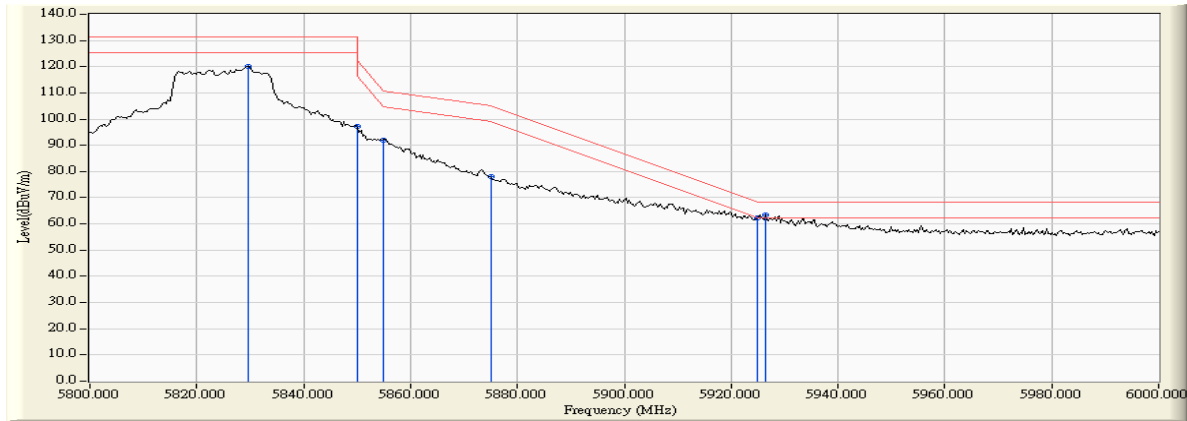
RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5649.457	11.554	48.924	60.477	-7.743	68.220	Pass
Horizontal	5650.000	11.554	47.876	59.431	-8.789	68.220	Pass
Horizontal	5700.000	11.647	65.999	77.646	-27.554	105.200	Pass
Horizontal	5720.000	11.607	81.981	93.588	-17.212	110.800	Pass
Horizontal	5725.000	11.592	86.877	98.469	-23.731	122.200	Pass
Horizontal	5749.891	11.513	108.925	120.438	-10.762	131.200	Pass

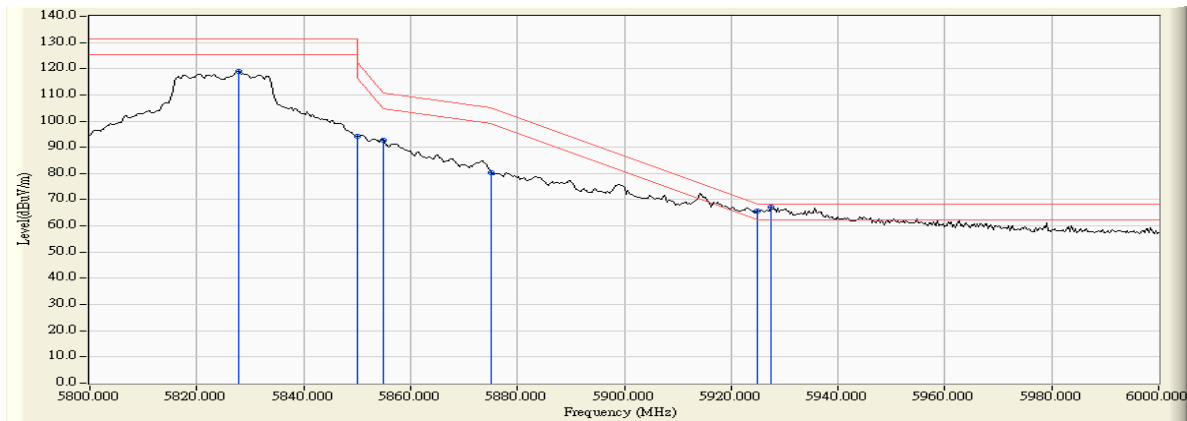


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5646.920	13.030	49.872	62.902	-5.318	68.220	Pass
Vertical	5650.000	13.029	47.833	60.862	-7.358	68.220	Pass
Vertical	5700.000	13.003	68.540	81.543	-23.657	105.200	Pass
Vertical	5720.000	12.947	81.874	94.821	-15.979	110.800	Pass
Vertical	5725.000	12.930	86.452	99.382	-22.818	122.200	Pass
Vertical	5747.609	12.851	109.426	122.277	-8.923	131.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) -Channel 165 (Antenna No.19)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5829.565	11.559	108.556	120.115	-11.085	131.200	Pass
Horizontal	5850.000	11.701	85.651	97.352	-24.848	122.200	Pass
Horizontal	5855.000	11.735	80.357	92.092	-18.708	110.800	Pass
Horizontal	5875.000	11.873	66.035	77.908	-27.292	105.200	Pass
Horizontal	5925.000	12.068	50.205	62.274	-5.926	68.200	Pass
Horizontal	5926.377	12.070	51.458	63.528	-4.672	68.200	Pass

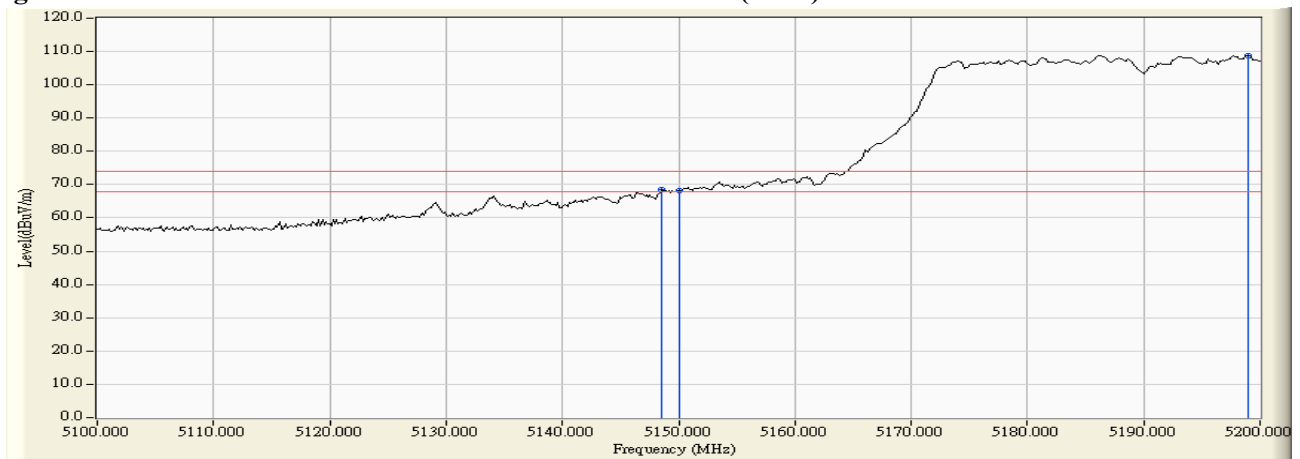
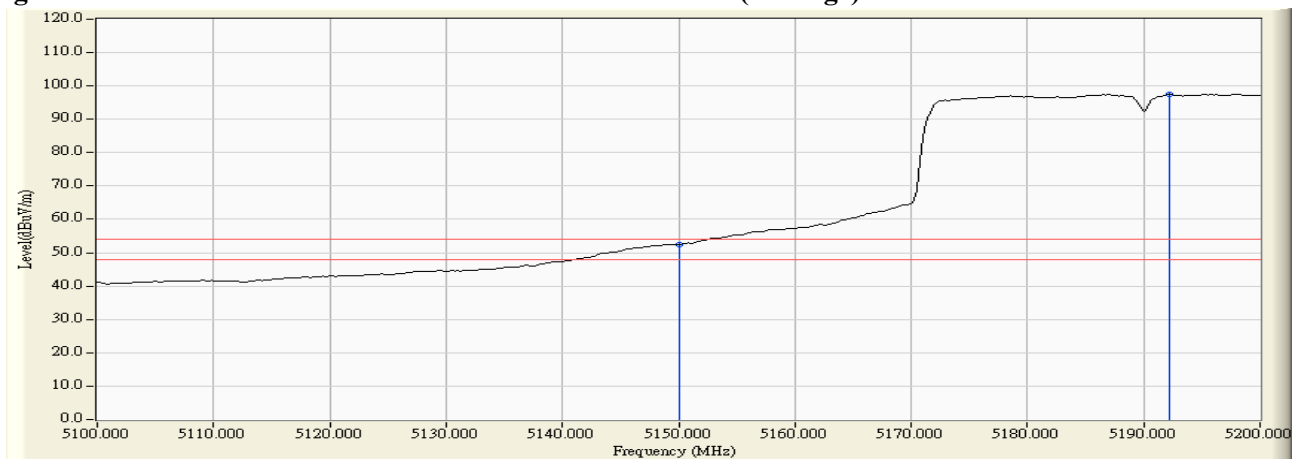


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5827.826	12.727	106.293	119.020	-12.180	131.200	Pass
Vertical	5850.000	12.774	81.393	94.167	-28.033	122.200	Pass
Vertical	5855.000	12.784	79.799	92.583	-18.217	110.800	Pass
Vertical	5875.000	12.825	67.602	80.427	-24.773	105.200	Pass
Vertical	5925.000	12.911	52.672	65.583	-2.617	68.200	Pass
Vertical	5927.536	12.915	54.351	67.266	-0.934	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 38 (Antenna No.19)

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
38 (Peak)	5148.551	10.474	57.976	68.450	74.00	54.00	Pass
38 (Peak)	5150.000	10.470	57.877	68.348	74.00	54.00	Pass
38 (Peak)	5198.986	10.335	98.558	108.893	--	--	--
38 (Average)	5150.000	10.470	42.067	52.538	74.00	54.00	Pass
38 (Average)	5192.174	10.359	87.137	97.496	--	--	--

Figure Channel 38: Horizontal (Peak)

Figure Channel 38: Horizontal (Average)


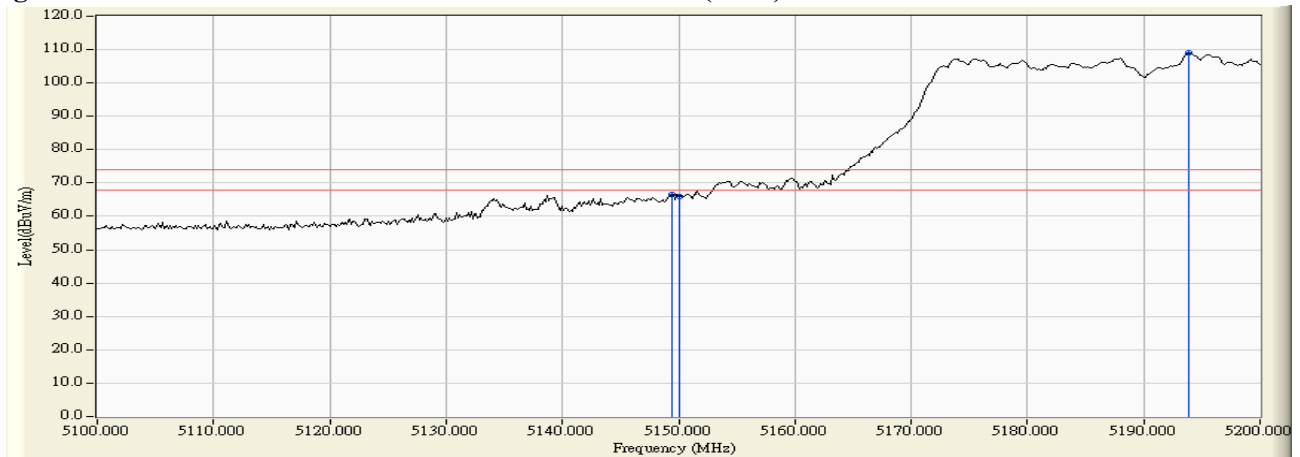
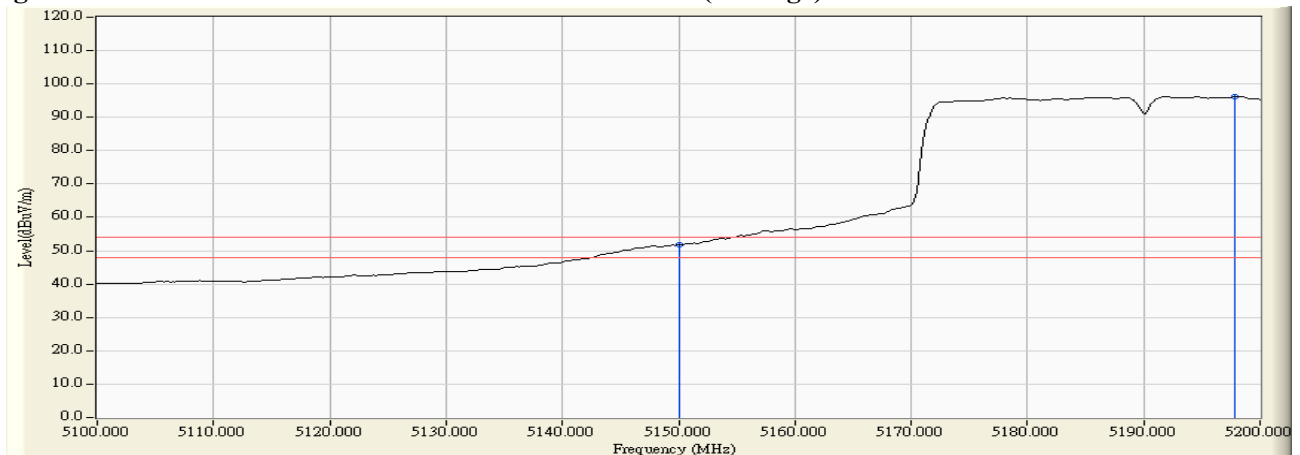
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 38 (Antenna No.19)

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
38 (Peak)	5149.420	12.388	54.268	66.656	74.00	54.00	Pass
38 (Peak)	5150.000	12.390	53.663	66.053	74.00	54.00	Pass
38 (Peak)	5193.913	12.549	96.427	108.975	--	--	--
38 (Average)	5150.000	12.390	39.345	51.735	74.00	54.00	Pass
38 (Average)	5197.826	12.559	83.673	96.232	--	--	--

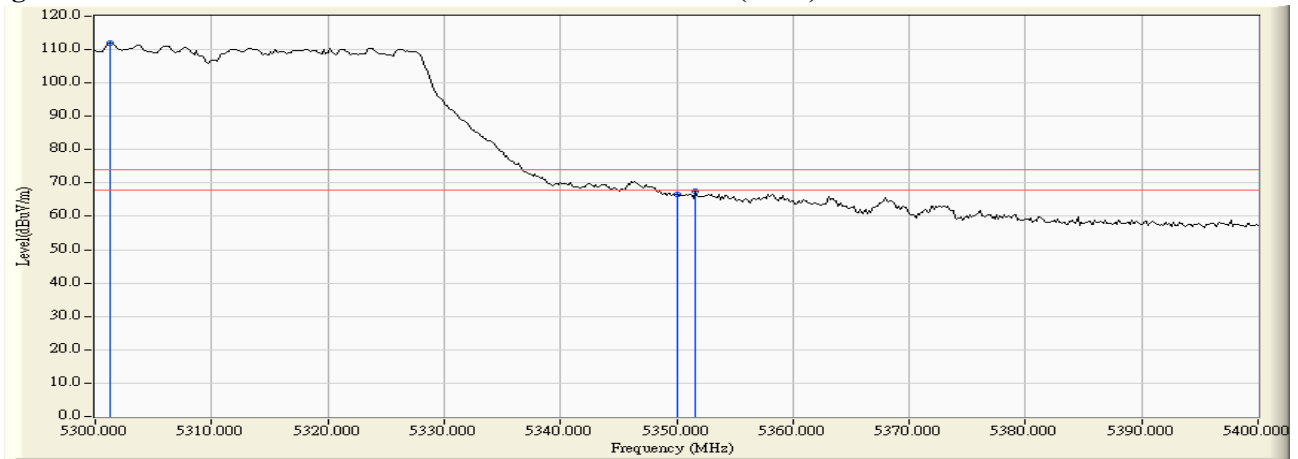
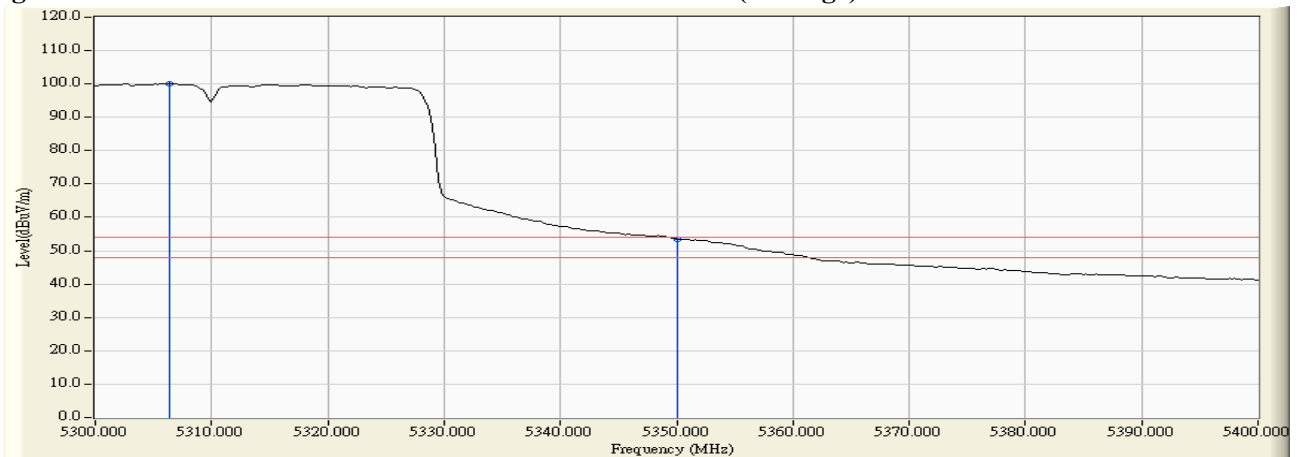
Figure Channel 38: Vertical (Peak)**Figure Channel 38: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 62 (Antenna No.19)

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
62 (Peak)	5301.304	11.148	100.787	111.935	--	--	--
62 (Peak)	5350.000	11.024	55.628	66.652	74.00	54.00	Pass
62 (Peak)	5351.594	11.020	56.607	67.627	74.00	54.00	Pass
62 (Average)	5306.377	11.136	88.924	100.060	--	--	--
62 (Average)	5350.000	11.024	42.372	53.396	74.00	54.00	Pass

Figure Channel 62: Horizontal (Peak)**Figure Channel 62: Horizontal (Average)**

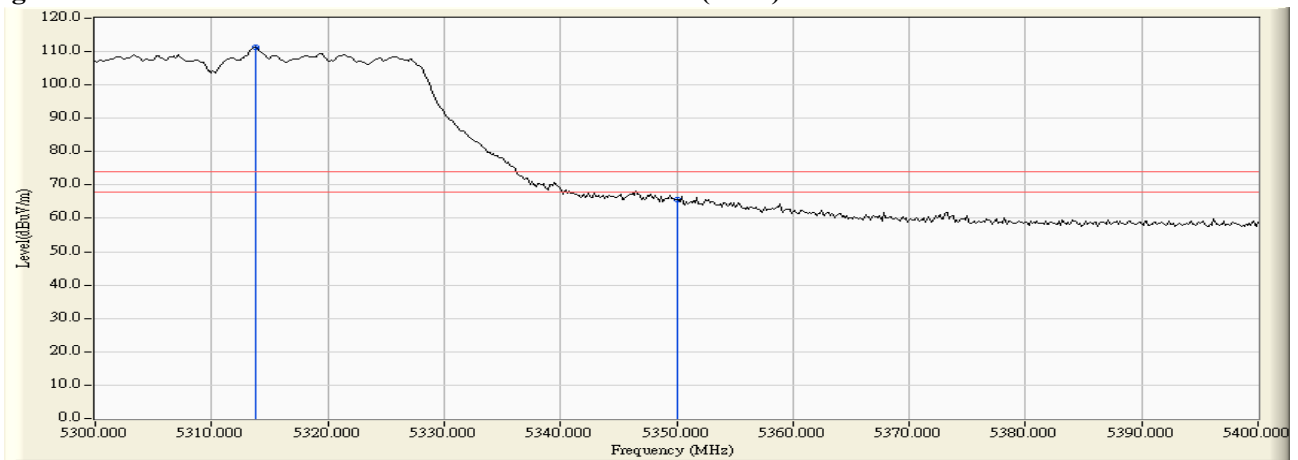
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 62 (Antenna No.19)

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)	5313.768	13.022	98.181	111.202	--	--	--
62 (Peak)	5350.000	12.999	52.741	65.740	74.00	54.00	Pass
62 (Average)	5305.217	13.027	85.470	98.497	--	--	--
62 (Average)	5350.000	12.999	39.367	52.366	74.00	54.00	Pass

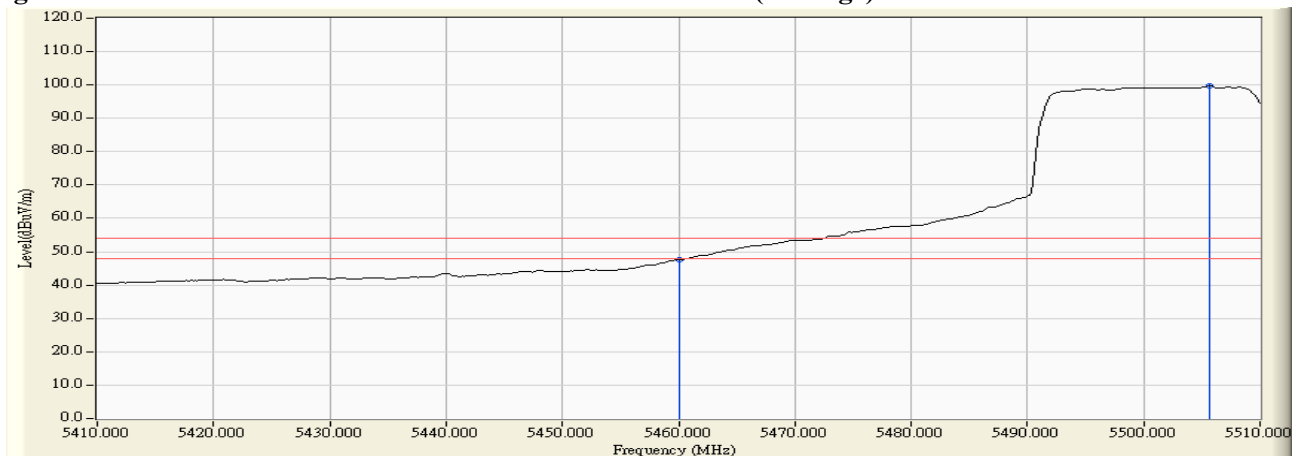
Figure Channel 62: Vertical (Peak)**Figure Channel 62: Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 102 (Antenna No.19)

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)	5454.058	11.622	54.039	65.662	74.00	54.00	Pass
102 (Peak)	5460.000	11.703	49.615	61.318	74.00	54.00	Pass
102 (Peak)	5506.522	12.191	98.918	111.109	--	--	--
102 (Average)	5460.000	11.703	35.855	47.558	74.00	54.00	Pass
102 (Average)	5505.652	12.198	87.548	99.746	--	--	--

Figure Channel 102: Horizontal (Peak)**Figure Channel 102: Horizontal (Average)**

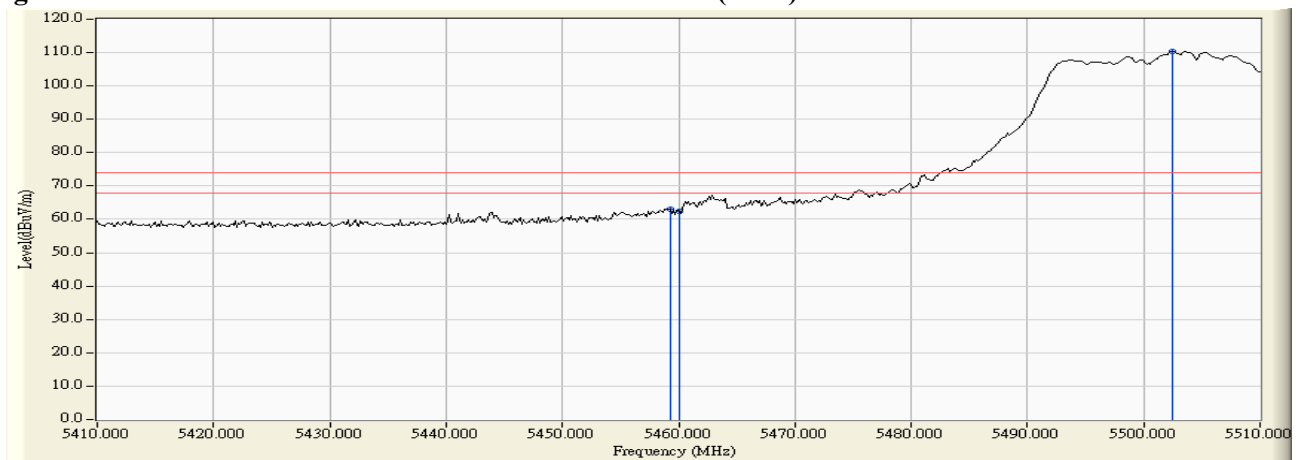
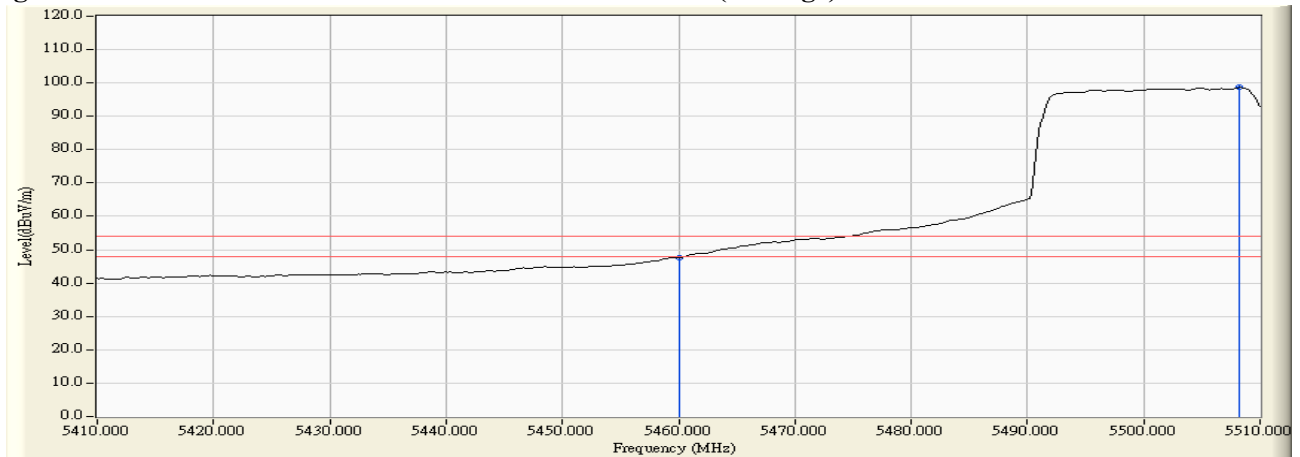
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 102 (Antenna No.19)

RF Radiated Measurement (Vertical):

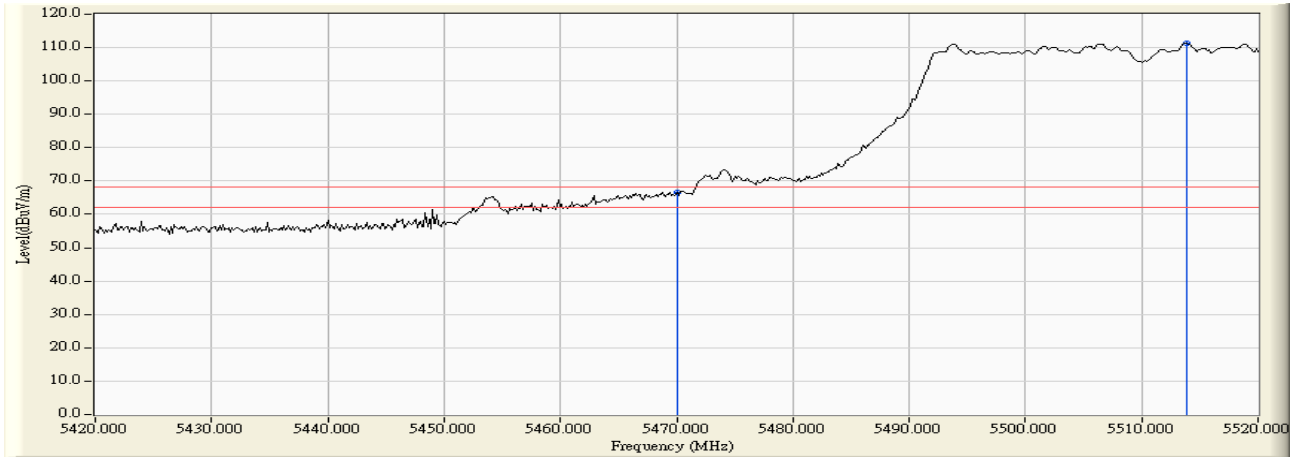
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
102 (Peak)	5459.275	13.384	49.802	63.186	74.00	54.00	Pass
102 (Peak)	5460.000	13.390	48.878	62.268	74.00	54.00	Pass
102 (Peak)	5502.464	13.638	96.872	110.509	--	--	--
102 (Average)	5460.000	13.390	34.264	47.654	74.00	54.00	Pass
102 (Average)	5508.261	13.624	84.989	98.613	--	--	--

Figure Channel 102: Vertical (Peak)**Figure Channel 102: Vertical (Average)**

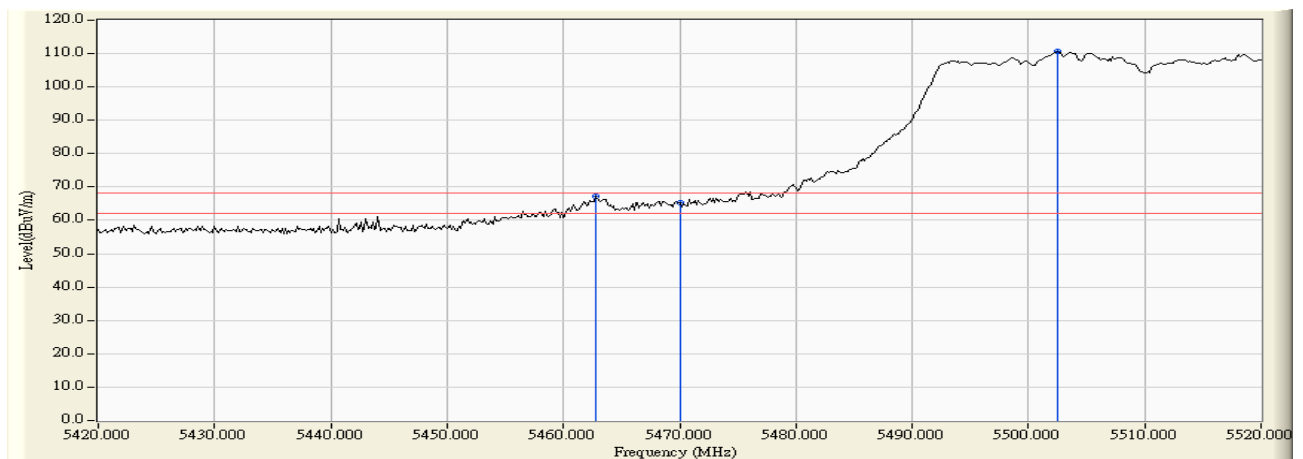
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 102 (Antenna No.19)

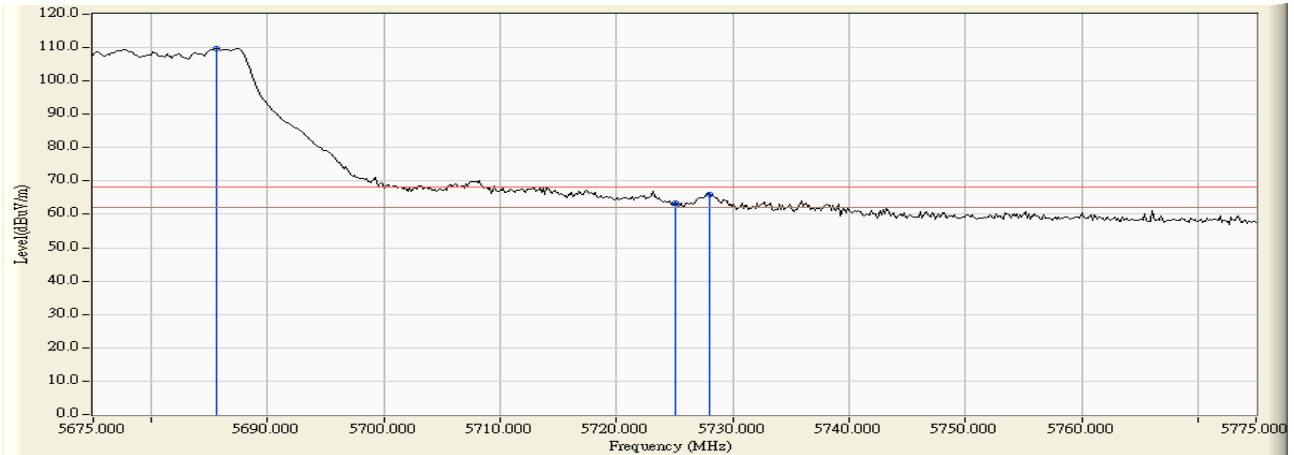
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5470.000	11.838	54.886	66.724	-1.496	68.220	Pass
Horizontal	5513.913	12.132	99.143	111.275	43.055	68.220	Pass

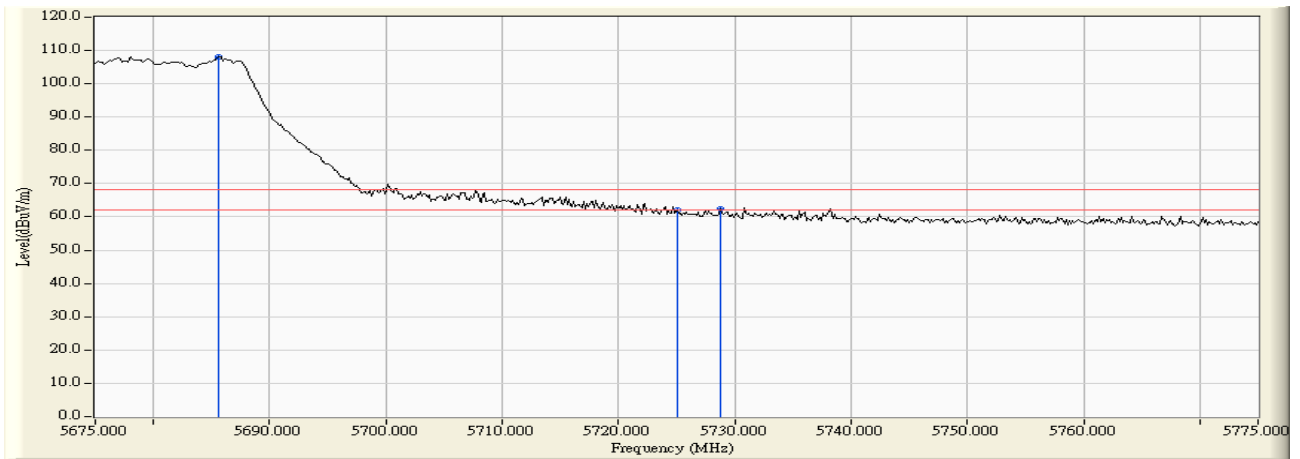


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5462.754	13.410	53.669	67.079	-1.141	68.220	Pass
Vertical	5470.000	13.462	51.853	65.315	-2.905	68.220	Pass
Vertical	5502.464	13.638	96.892	110.529	42.309	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 134 (Antenna No.19)

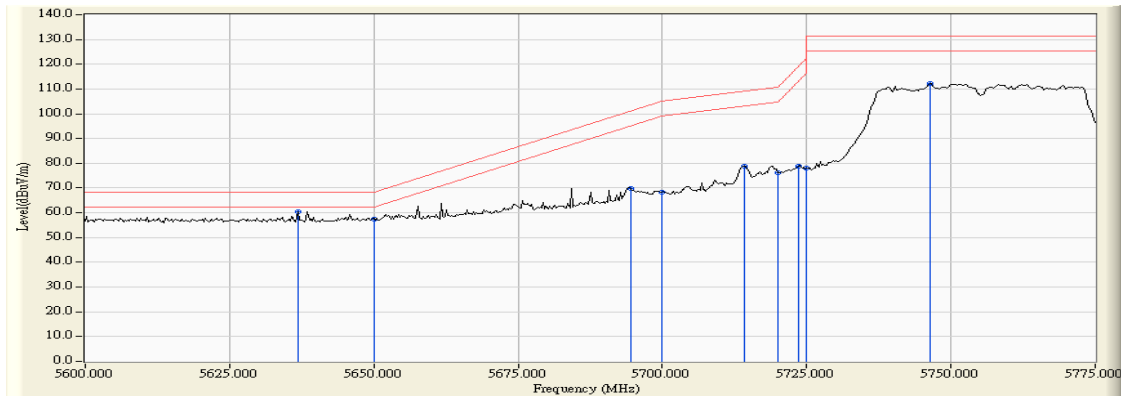
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5685.580	11.638	98.125	109.763	41.543	68.220	Pass
Horizontal	5725.000	11.592	51.728	63.320	-4.900	68.220	Pass
Horizontal	5728.043	11.583	54.443	66.025	-2.195	68.220	Pass

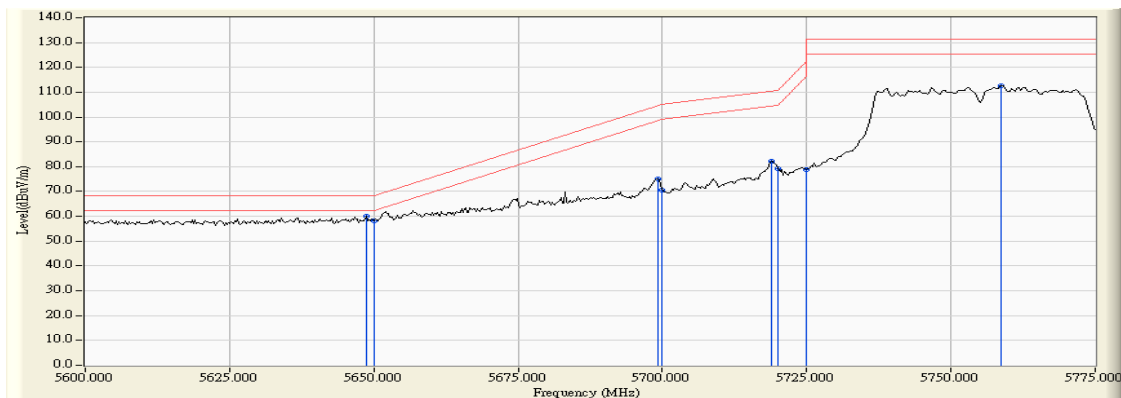


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5685.580	13.020	95.172	108.192	39.972	68.220	Pass
Vertical	5725.000	12.930	49.029	61.959	-6.261	68.220	Pass
Vertical	5728.768	12.918	49.482	62.399	-5.821	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 151 (Antenna No.19)

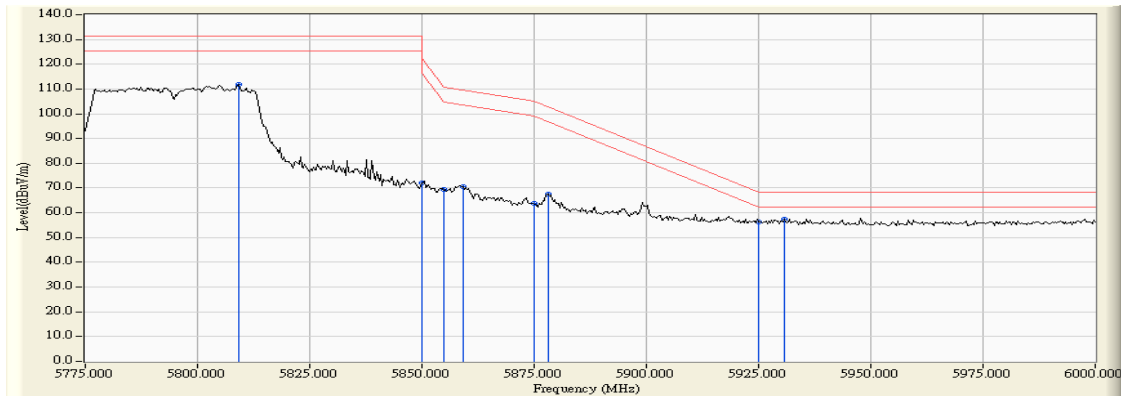
RF Radiated Measurement :


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5636.775	34.249	49.033	60.556	-7.664	68.220	Pass
Horizontal	5650.000	34.274	46.044	57.599	-10.621	68.220	Pass
Horizontal	5694.601	34.353	58.174	69.825	-31.382	101.207	Pass
Horizontal	5700.000	34.347	56.808	68.455	-36.745	105.200	Pass
Horizontal	5714.130	34.320	67.342	78.967	-30.189	109.156	Pass
Horizontal	5720.000	34.299	64.661	76.268	-34.532	110.800	Pass
Horizontal	5723.514	34.287	67.333	78.929	-39.883	118.812	Pass
Horizontal	5725.000	34.282	66.421	78.013	-44.187	122.200	Pass
Horizontal	5746.341	34.205	100.700	112.224	-18.976	131.200	Pass

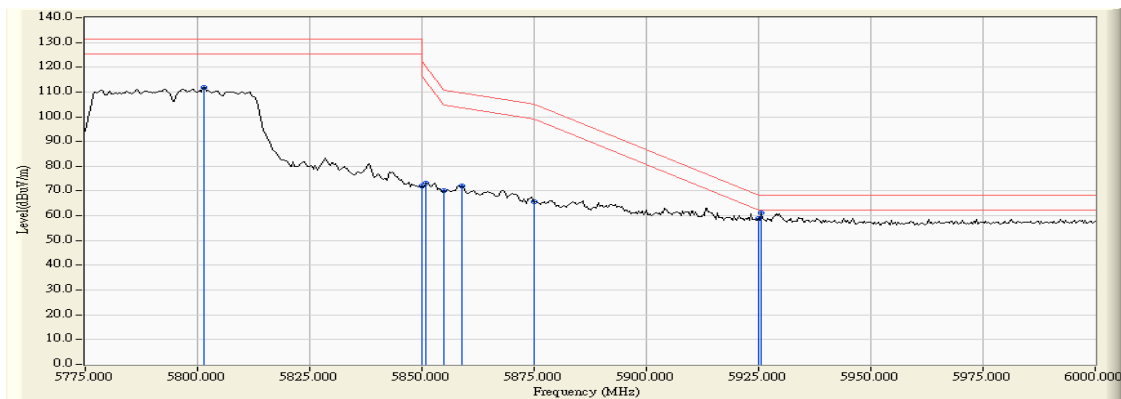


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5648.696	13.030	47.192	60.222	-7.998	68.220	Pass
Vertical	5650.000	13.029	45.267	58.296	-9.924	68.220	Pass
Vertical	5699.167	13.005	61.997	75.002	-29.582	104.584	Pass
Vertical	5700.000	13.003	57.708	70.711	-34.489	105.200	Pass
Vertical	5718.949	12.950	69.358	82.309	-28.197	110.506	Pass
Vertical	5720.000	12.947	66.345	79.292	-31.508	110.800	Pass
Vertical	5725.000	12.930	66.068	78.998	-43.202	122.200	Pass
Vertical	5758.768	12.811	99.971	112.783	-18.417	131.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) -Channel 159 (Antenna No.19)

RF Radiated Measurement:


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5809.239	11.426	100.579	112.005	-19.195	131.200	Pass
Horizontal	5850.000	11.701	60.503	72.204	-49.996	122.200	Pass
Horizontal	5855.000	11.735	57.567	69.302	-41.498	110.800	Pass
Horizontal	5859.130	11.763	58.980	70.744	-38.900	109.644	Pass
Horizontal	5875.000	11.873	51.808	63.681	-41.519	105.200	Pass
Horizontal	5878.043	11.895	55.552	67.446	-35.502	102.948	Pass
Horizontal	5925.000	12.068	44.186	56.255	-11.945	68.200	Pass
Horizontal	5930.870	12.073	45.481	57.555	-10.645	68.200	Pass

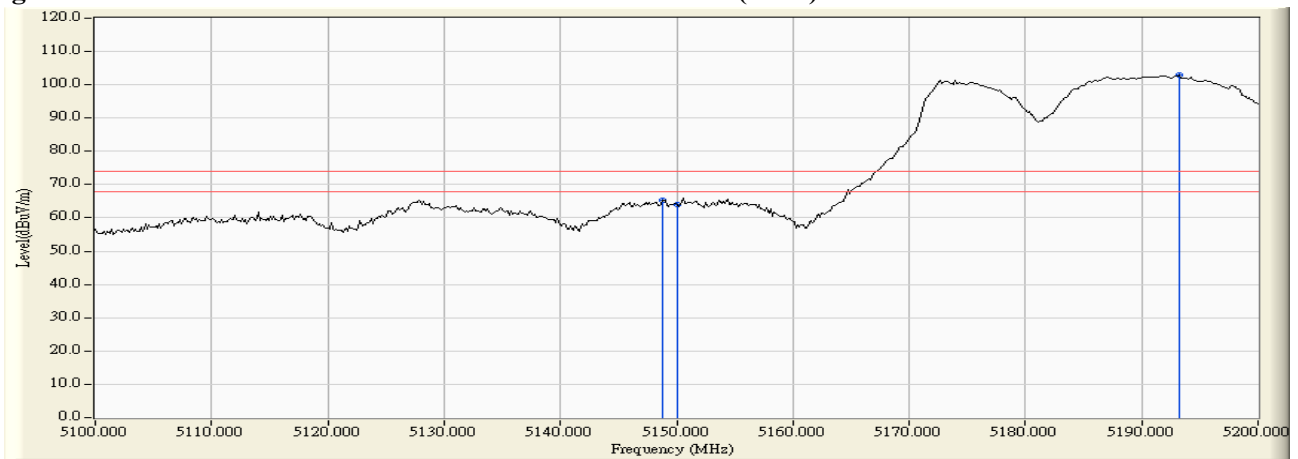
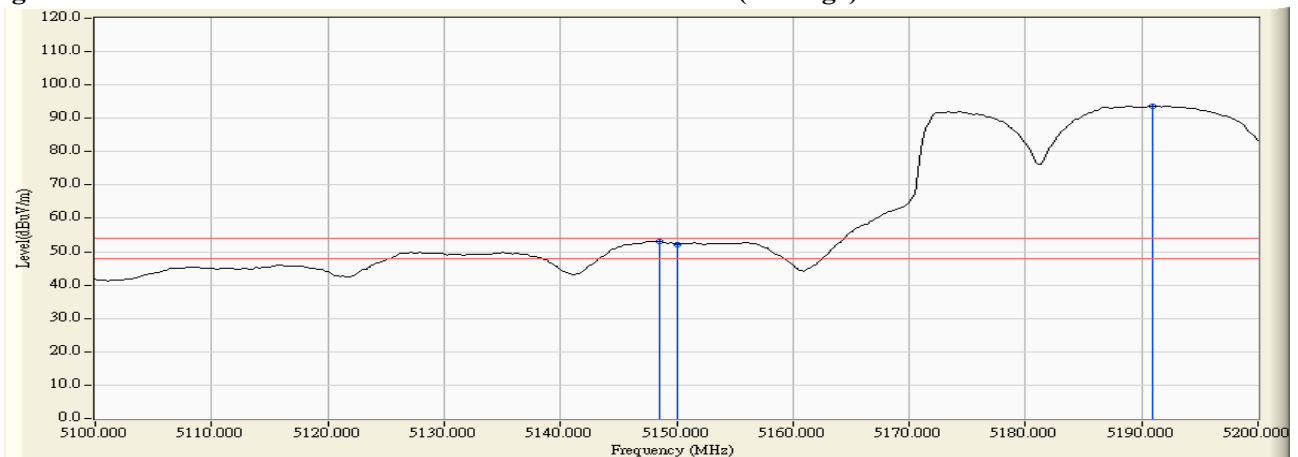


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5801.413	12.686	99.290	111.976	-19.224	131.200	Pass
Vertical	5850.000	12.774	59.235	72.009	-50.191	122.200	Pass
Vertical	5850.978	12.775	60.369	73.145	-46.825	119.970	Pass
Vertical	5855.000	12.784	57.241	70.025	-40.775	110.800	Pass
Vertical	5858.804	12.792	59.423	72.215	-37.520	109.735	Pass
Vertical	5875.000	12.825	52.885	65.710	-39.490	105.200	Pass
Vertical	5925.000	12.911	45.829	58.740	-9.460	68.200	Pass
Vertical	5925.652	12.913	48.136	61.048	-7.152	68.200	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 42 (Antenna No.19)

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)	5148.841	10.474	54.875	65.349	74.00	54.00	Pass
42 (Peak)	5150.000	10.470	53.411	63.882	74.00	54.00	Pass
42 (Peak)	5193.188	10.355	92.522	102.878	--	--	--
42 (Average)	5148.551	10.474	42.595	53.069	74.00	54.00	Pass
42 (Average)	5150.000	10.470	41.784	52.255	74.00	54.00	Pass
42 (Average)	5190.870	10.364	83.275	93.639	--	--	--

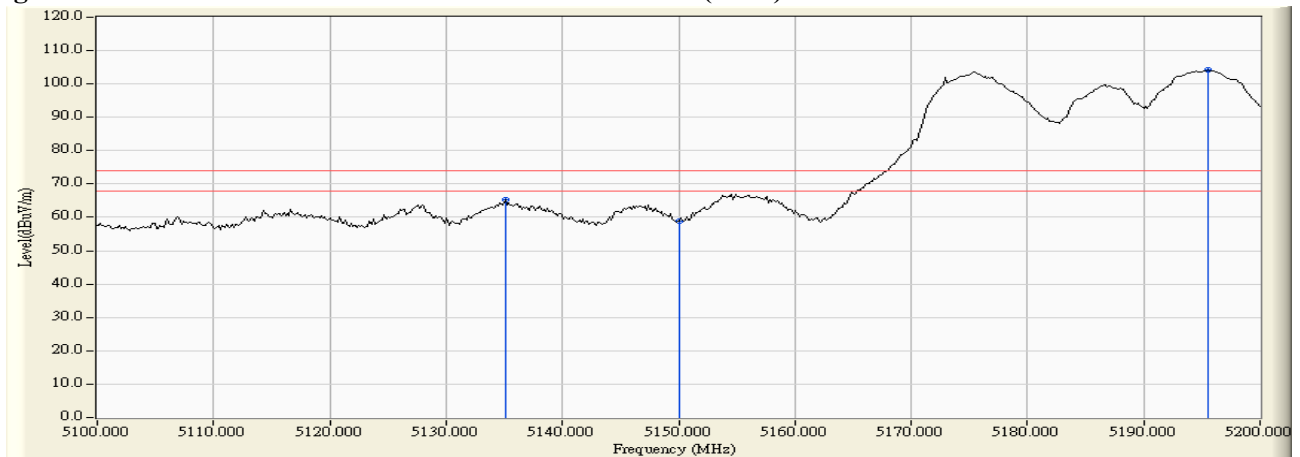
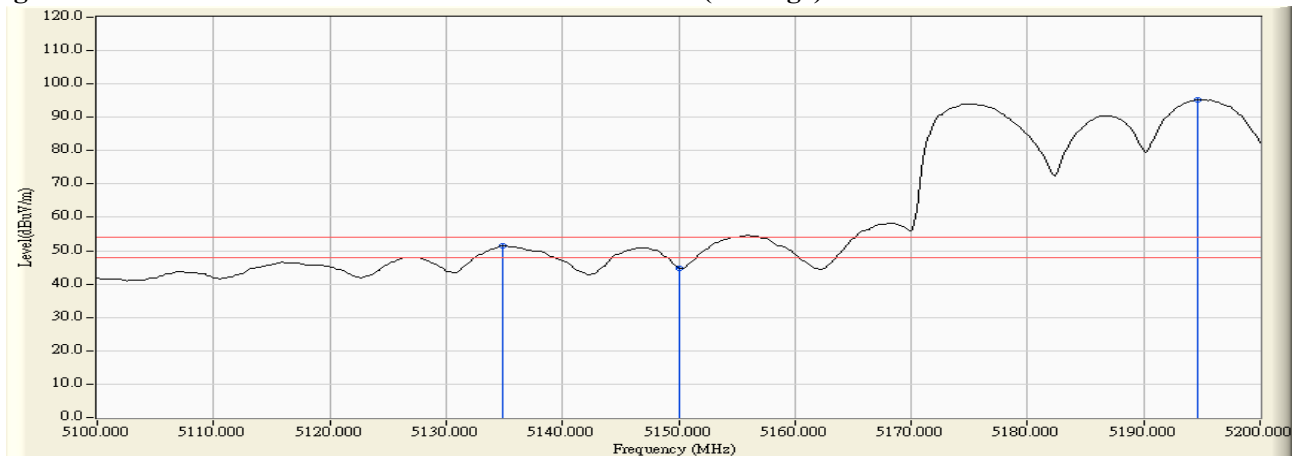
Figure Channel 42: Horizontal (Peak)

Figure Channel 42: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 42 (Antenna No.19)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
42 (Peak)	5135.072	12.334	52.885	65.218	74.00	54.00	Pass
42 (Peak)	5150.000	12.390	46.443	58.833	74.00	54.00	Pass
42 (Peak)	5195.507	12.552	91.554	104.106	--	--	--
42 (Average)	5134.928	12.333	39.231	51.564	74.00	54.00	Pass
42 (Average)	5150.000	12.390	32.431	44.821	74.00	54.00	Pass
42 (Average)	5194.638	12.549	82.819	95.369	--	--	--

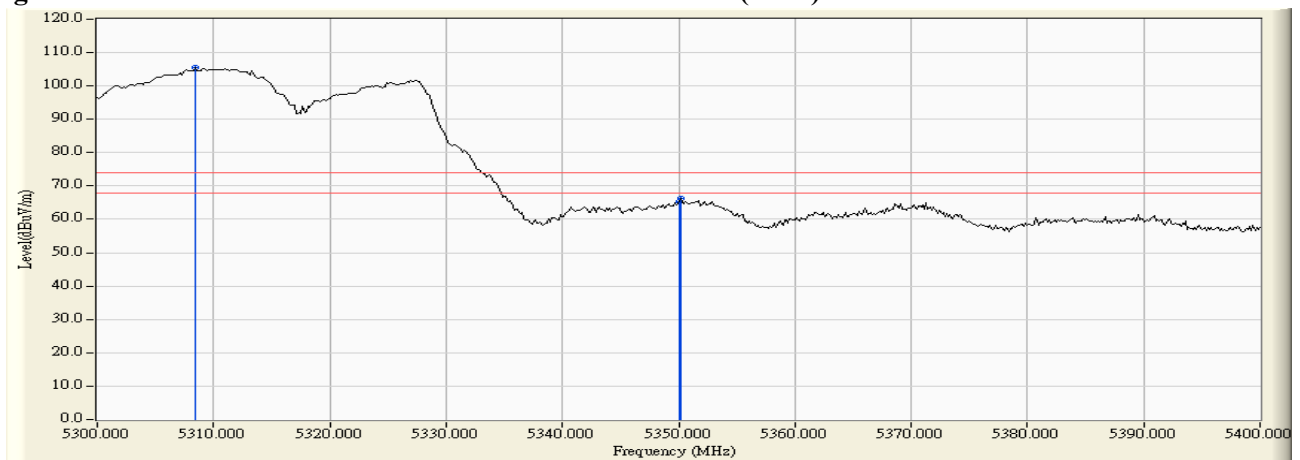
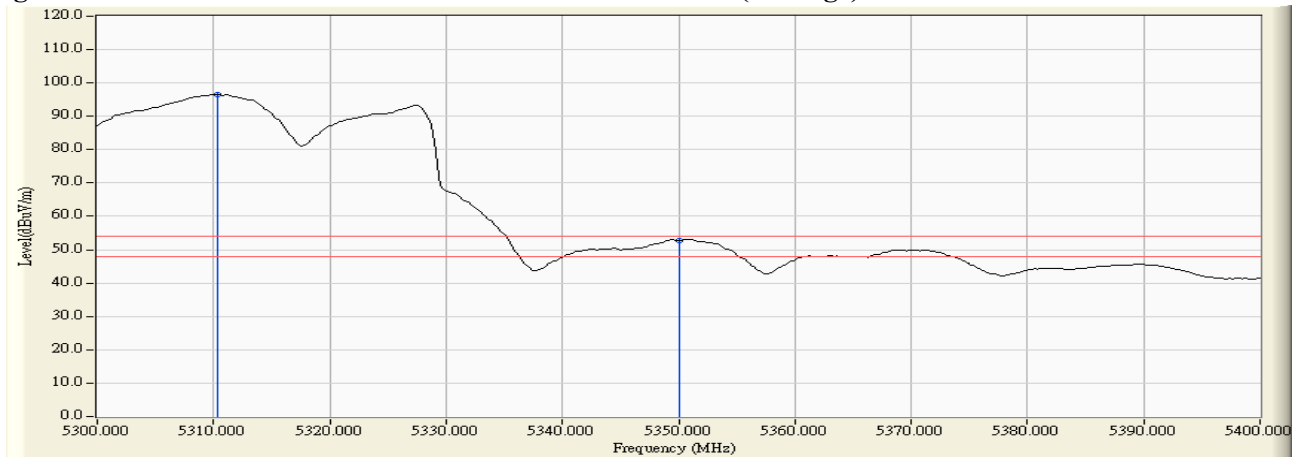
Figure Channel 42:**Vertical (Peak)****Figure Channel 42:****Vertical (Average)****Note:**

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 58 (Antenna No.19)

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)	5308.406	11.130	94.352	105.483	--	--	--
58 (Peak)	5350.000	11.024	54.206	65.230	74.00	54.00	Pass
58 (Peak)	5350.145	11.024	55.274	66.298	74.00	54.00	Pass
58 (Average)	5310.290	11.125	85.414	96.540	--	--	--
58 (Average)	5350.000	11.024	41.673	52.697	74.00	54.00	Pass

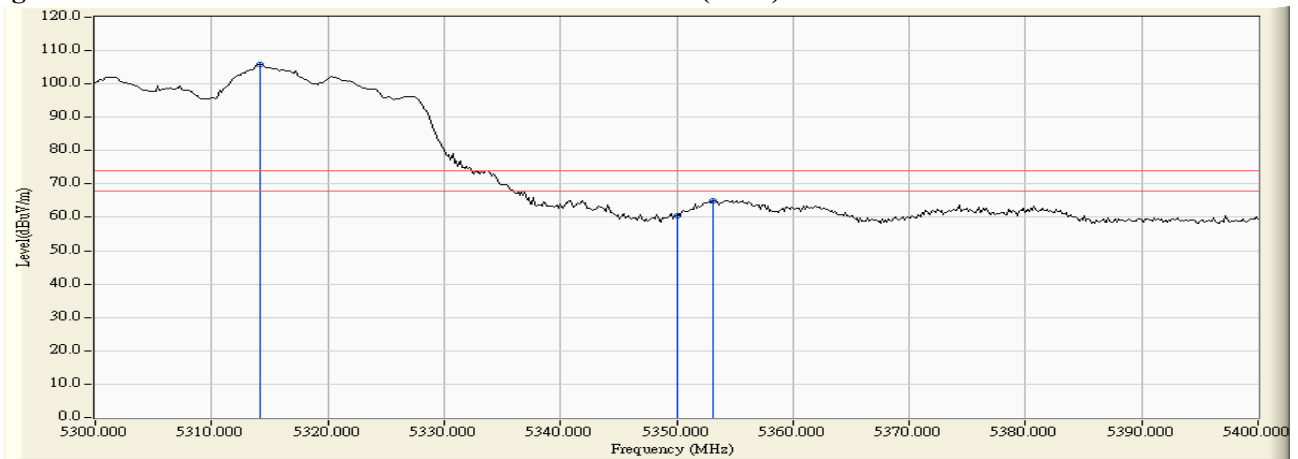
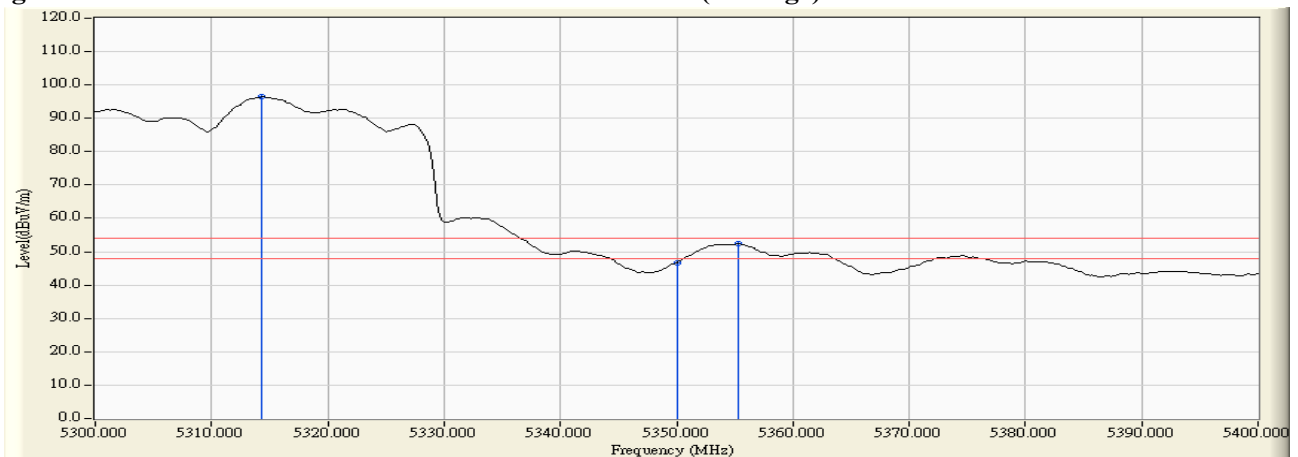
Figure Channel 58:
Horizontal (Peak)

Figure Channel 58:
Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 58 (Antenna No.19)

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
58 (Peak)	5314.203	13.021	92.882	105.903	--	--	--
58 (Peak)	5350.000	12.999	47.388	60.387	74.00	54.00	Pass
58 (Peak)	5353.188	12.997	51.896	64.893	74.00	54.00	Pass
58 (Average)	5314.348	13.021	83.432	96.453	--	--	--
58 (Average)	5350.000	12.999	33.742	46.741	74.00	54.00	Pass
58 (Average)	5355.362	12.995	39.293	52.288	74.00	54.00	Pass

Figure Channel 58:**Vertical (Peak)****Figure Channel 58:****Vertical (Average)**

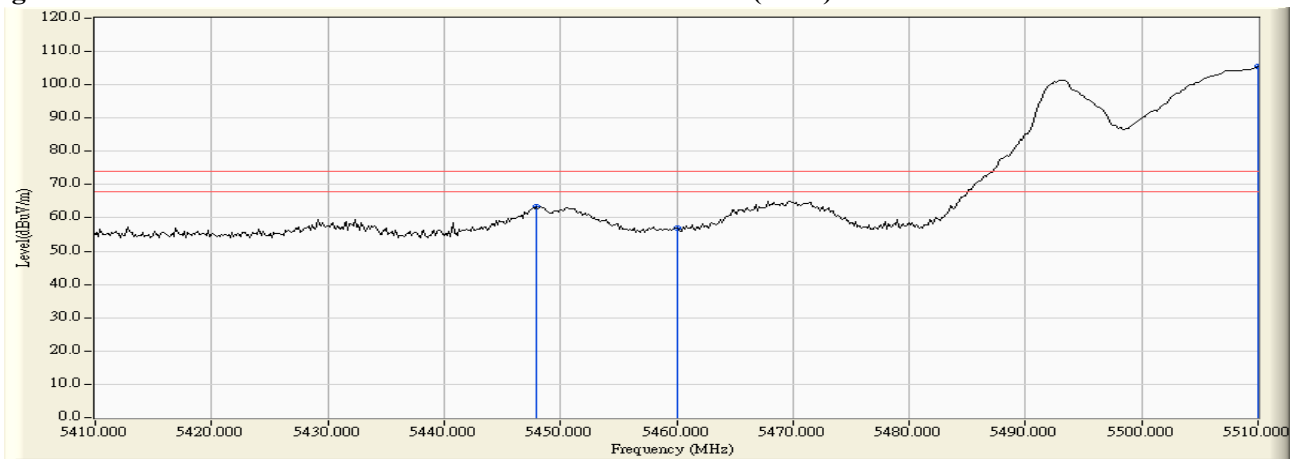
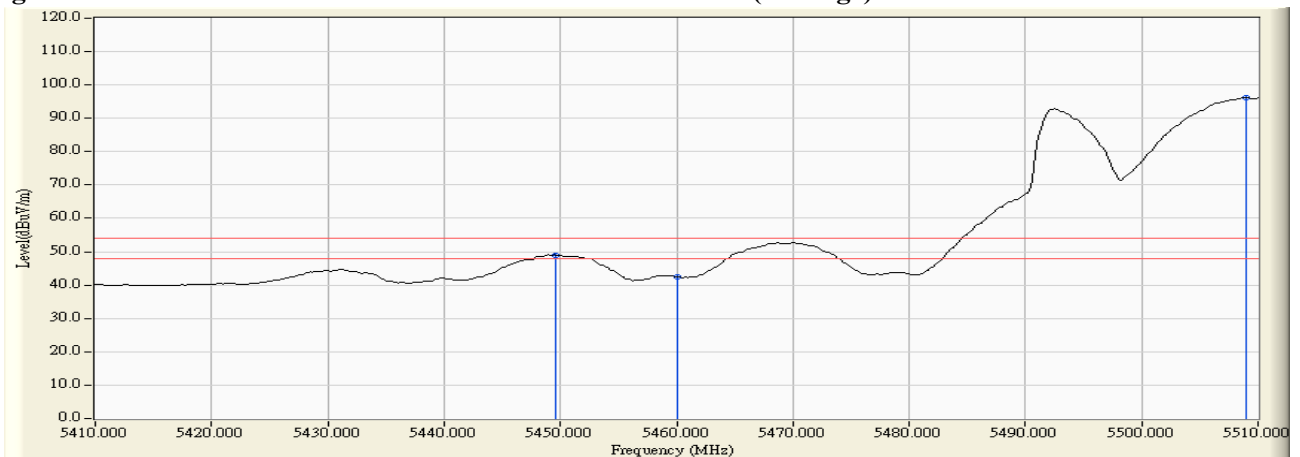
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.19)

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)	5447.971	11.541	51.738	63.279	74.00	54.00	Pass
106 (Peak)	5460.000	11.703	45.228	56.931	74.00	54.00	Pass
106 (Peak)	5510.000	12.164	93.241	105.404	--	--	--
106 (Average)	5449.565	11.563	37.473	49.035	74.00	54.00	Pass
106 (Average)	5460.000	11.703	30.609	42.312	74.00	54.00	Pass
106 (Average)	5508.986	12.172	84.110	96.282	--	--	--

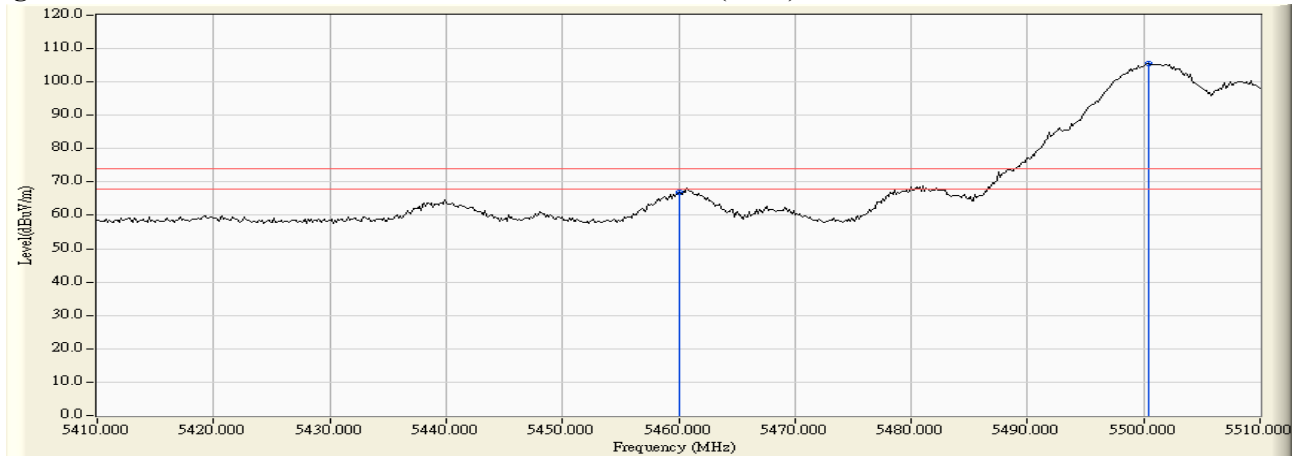
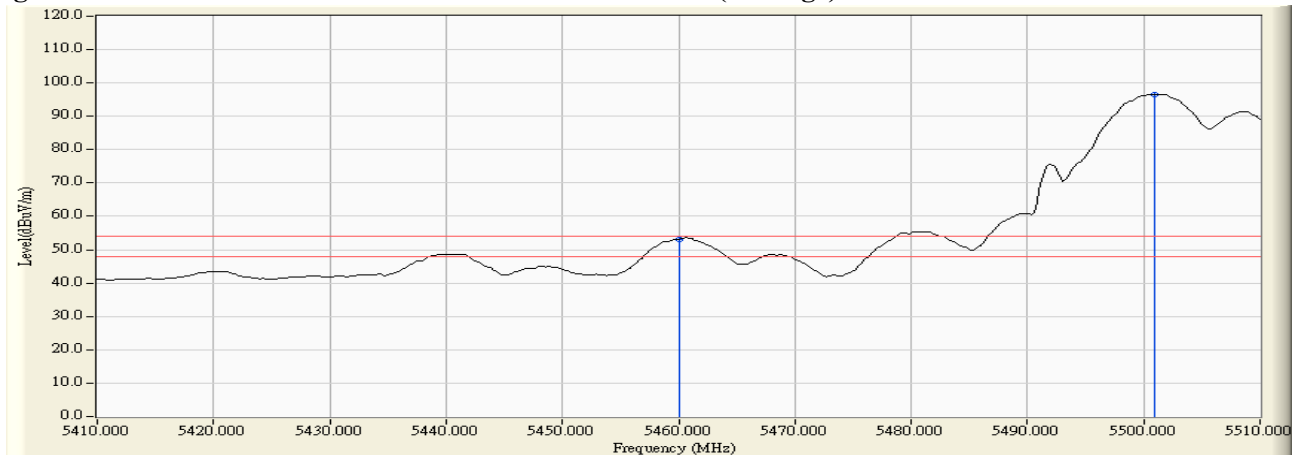
Figure Channel 106: Horizontal (Peak)

Figure Channel 106: Horizontal (Average)

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.19)

RF Radiated Measurement (Vertical):

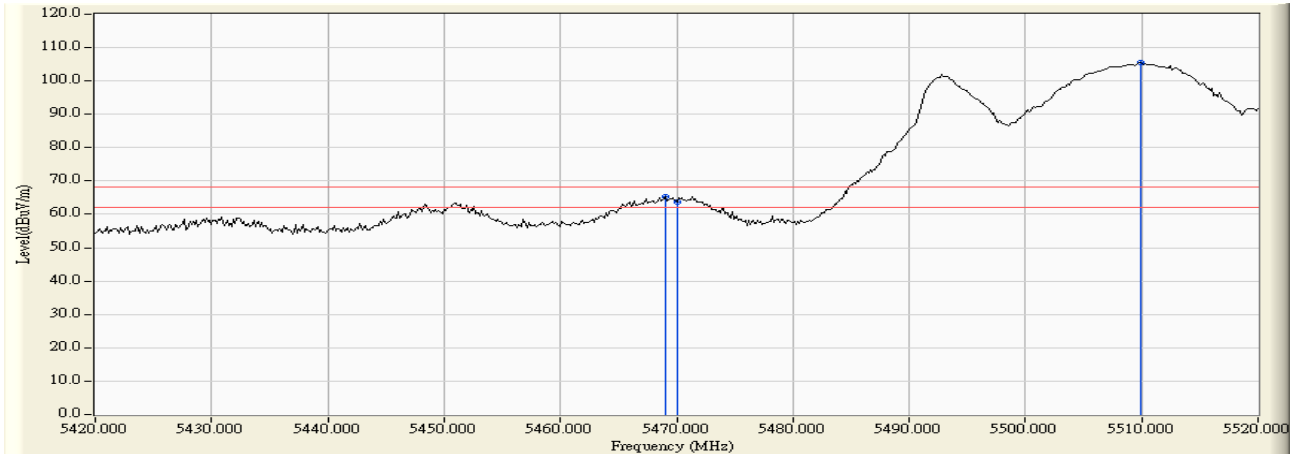
Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dB μ V)	Emission Level (dB μ V/m)	Peak Limit (dB μ V/m)	Average Limit (dB μ V/m)	Result
106 (Peak)	5460.000	13.390	53.590	66.980	74.00	54.00	Pass
106 (Peak)	5500.435	13.631	91.844	105.475	--	--	--
106 (Average)	5460.000	13.390	39.839	53.229	74.00	54.00	Pass
106 (Average)	5500.870	13.632	83.022	96.654	--	--	--

Figure Channel 106: Vertical (Peak)**Figure Channel 106: Vertical (Average)**

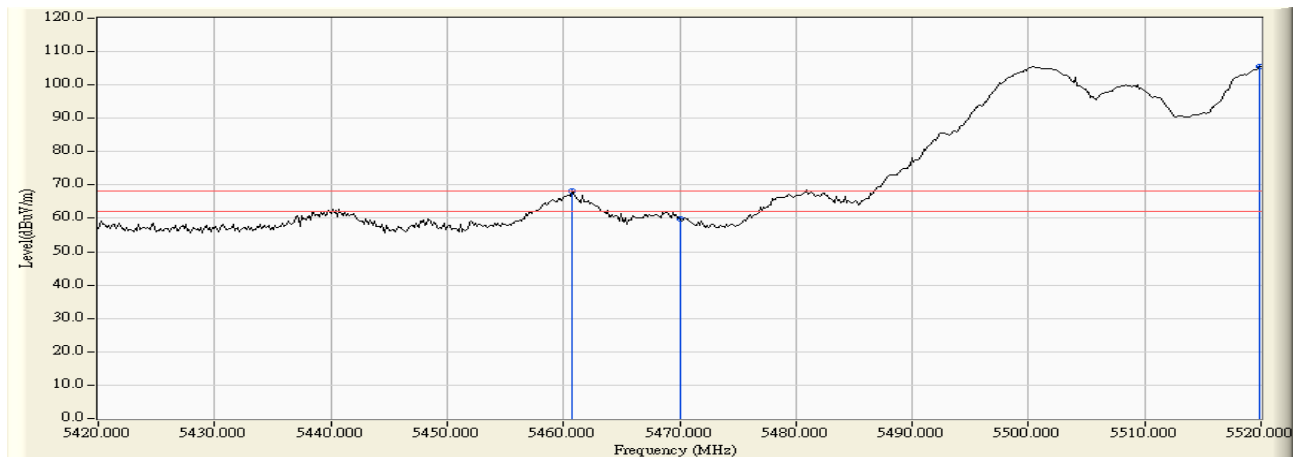
Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) -Channel 106 (Antenna No.19)

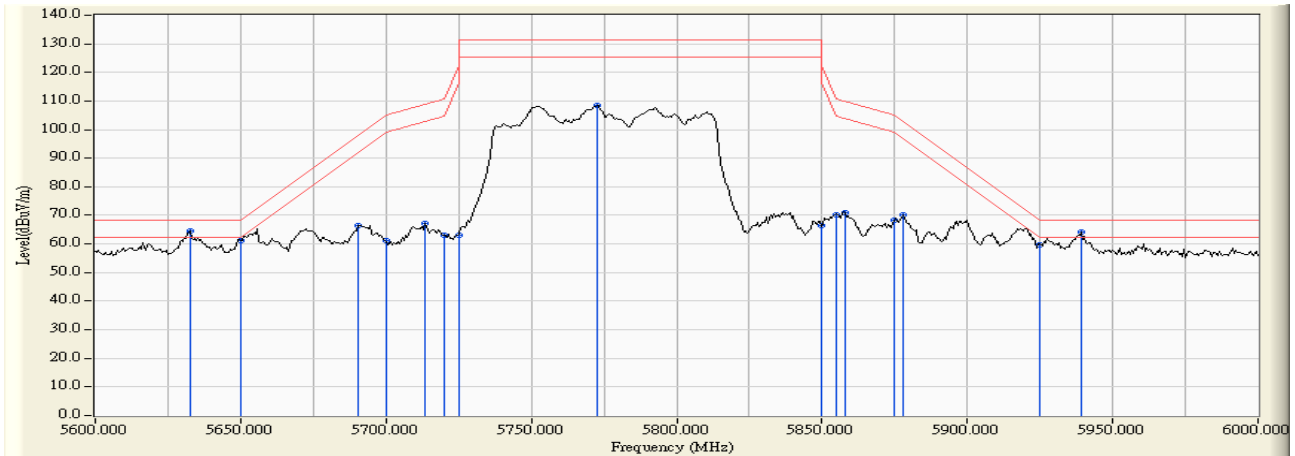
RF Radiated Measurement:

	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5468.986	11.825	53.444	65.269	-2.951	68.220	Pass
Horizontal	5470.000	11.838	51.965	63.803	-4.417	68.220	Pass
Horizontal	5509.855	12.165	93.256	105.421	37.201	68.220	Pass

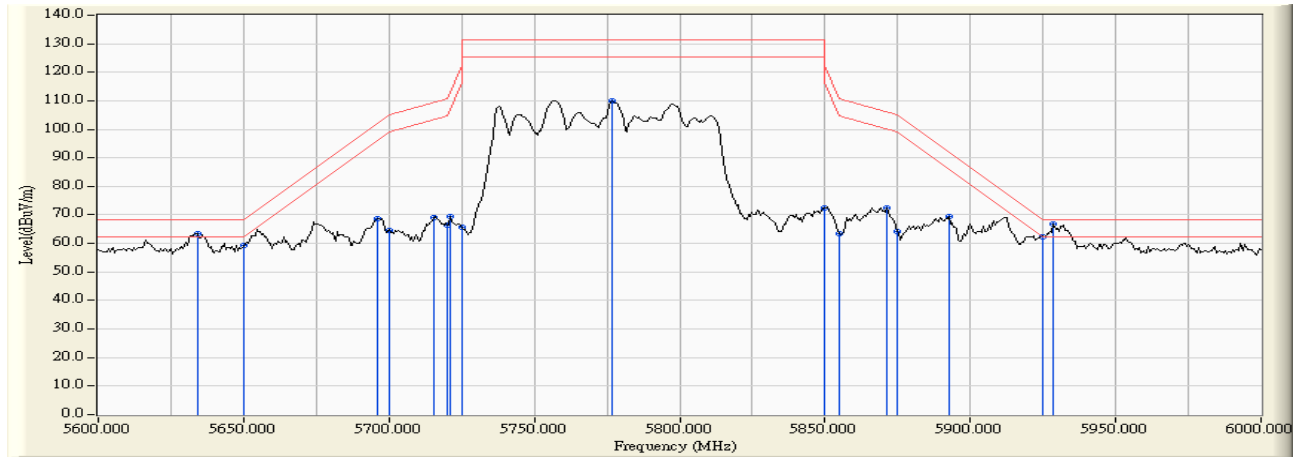


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5460.725	13.395	54.696	68.091	-0.129	68.220	Pass
Vertical	5470.000	13.462	46.265	59.727	-8.493	68.220	Pass
Vertical	5519.855	13.549	92.049	105.598	37.378	68.220	Pass

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Band Edge Data
 Test Site : No.3 OATS
 Test Date : 2018/05/23
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps)-Channel 155 (Antenna No.19)

RF Radiated Measurement:


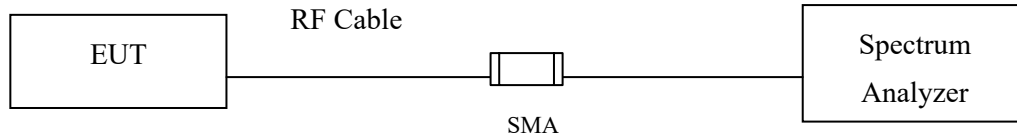
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Horizontal	5632.464	11.513	52.857	64.370	-3.850	68.220	Pass
Horizontal	5650.000	11.554	49.576	61.131	-7.089	68.220	Pass
Horizontal	5690.435	11.649	54.661	66.310	-31.816	98.126	Pass
Horizontal	5700.000	11.647	49.389	61.036	-44.164	105.200	Pass
Horizontal	5713.623	11.626	55.581	67.208	-41.806	109.014	Pass
Horizontal	5720.000	11.607	51.423	63.030	-47.770	110.800	Pass
Horizontal	5725.000	11.592	51.639	63.231	-58.969	122.200	Pass
Horizontal	5772.754	11.440	97.003	108.444	-22.756	131.200	Pass
Horizontal	5850.000	11.701	54.560	66.261	-55.939	122.200	Pass
Horizontal	5855.000	11.735	58.623	70.358	-40.442	110.800	Pass
Horizontal	5857.971	11.756	59.206	70.962	-39.006	109.968	Pass
Horizontal	5875.000	11.873	56.527	68.400	-36.800	105.200	Pass
Horizontal	5877.681	11.891	58.268	70.160	-33.056	103.216	Pass
Horizontal	5925.000	12.068	47.743	59.812	-8.388	68.200	Pass
Horizontal	5939.130	12.080	52.268	64.349	-3.851	68.200	Pass



	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBμV)	Measure Level (dBμV /m)	Margin (dB)	Limit (dBμV /m)	Result
Vertical	5634.203	13.033	50.583	63.616	-4.604	68.220	Pass
Vertical	5650.000	13.029	46.097	59.126	-9.094	68.220	Pass
Vertical	5696.232	13.011	55.678	68.688	-33.725	102.413	Pass
Vertical	5700.000	13.003	51.490	64.493	-40.707	105.200	Pass
Vertical	5715.362	12.964	56.236	69.199	-40.302	109.501	Pass
Vertical	5720.000	12.947	53.337	66.284	-44.516	110.800	Pass
Vertical	5721.159	12.943	56.496	69.439	-44.004	113.443	Pass
Vertical	5725.000	12.930	52.936	65.866	-56.334	122.200	Pass
Vertical	5776.812	12.749	97.253	110.002	-21.198	131.200	Pass
Vertical	5850.000	12.774	59.538	72.312	-49.888	122.200	Pass
Vertical	5855.000	12.784	50.818	63.602	-47.198	110.800	Pass
Vertical	5871.304	12.818	59.800	72.618	-33.617	106.235	Pass
Vertical	5875.000	12.825	51.189	64.014	-41.186	105.200	Pass
Vertical	5892.753	12.863	56.622	69.486	-22.577	92.063	Pass
Vertical	5925.000	12.911	49.526	62.437	-5.763	68.200	Pass
Vertical	5928.696	12.917	53.724	66.640	-1.560	68.200	Pass

7. Occupied Bandwidth

7.1. Test Setup



7.2. Limits

For the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz

7.3. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

7.4. Uncertainty

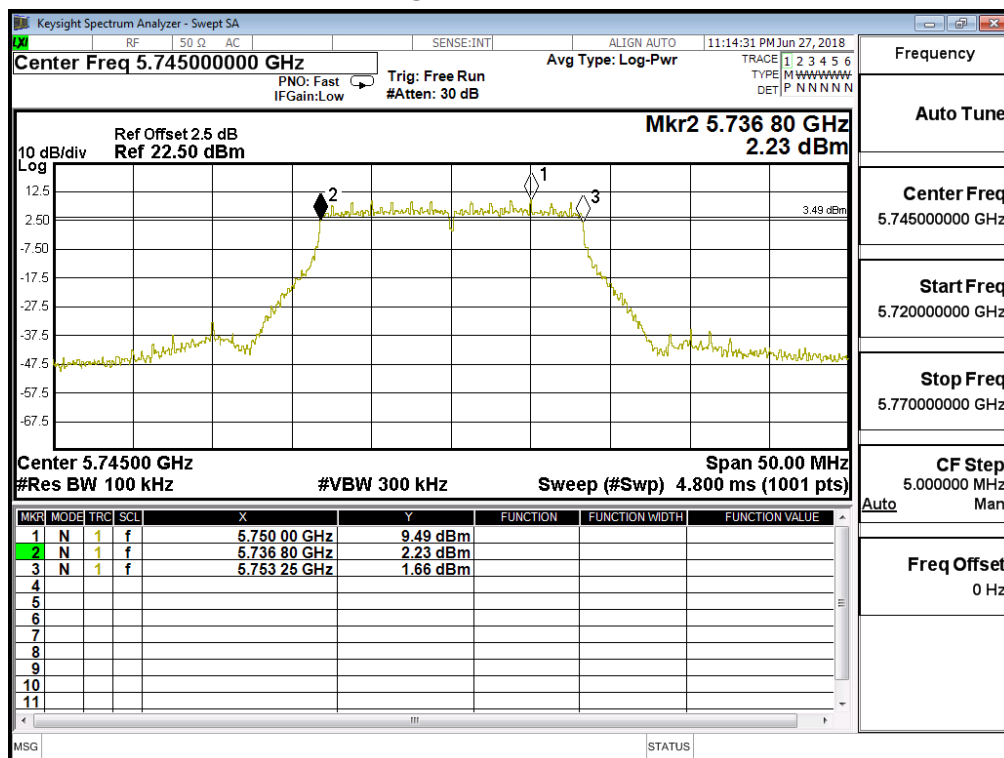
$\pm 681.6\text{Hz}$

7.5. Test Result of Occupied Bandwidth

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5745MHz) (Antenna No.1)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	16450	>500	Pass

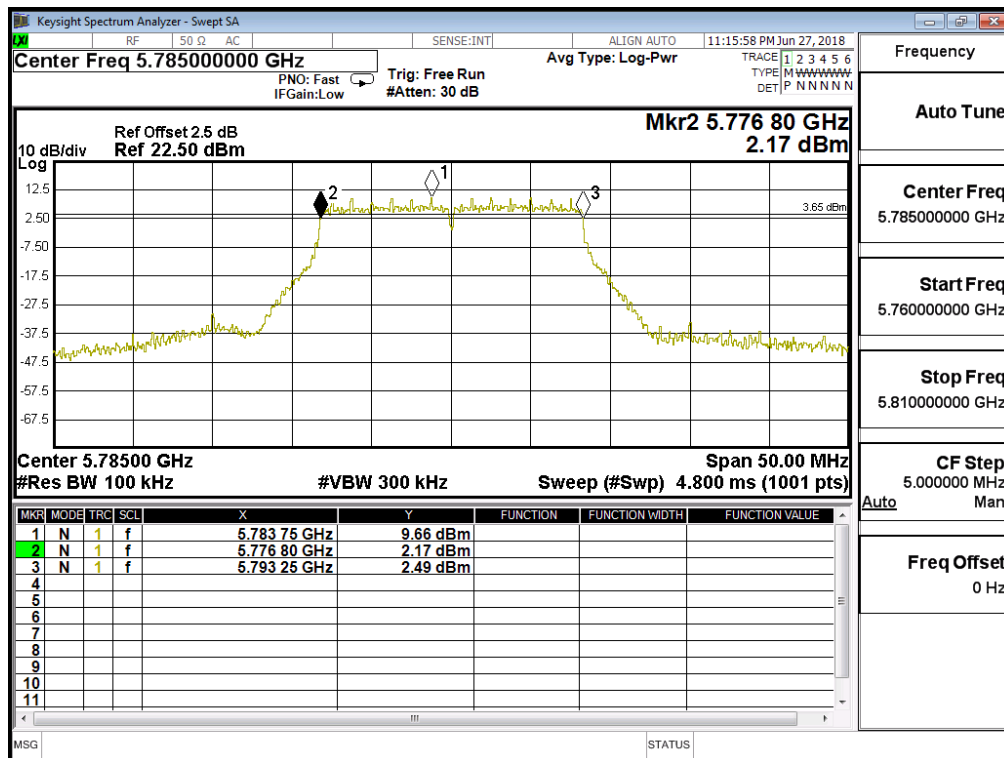
Figure Channel 149:



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5785MHz) (Antenna No.1)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	16450	>500	Pass

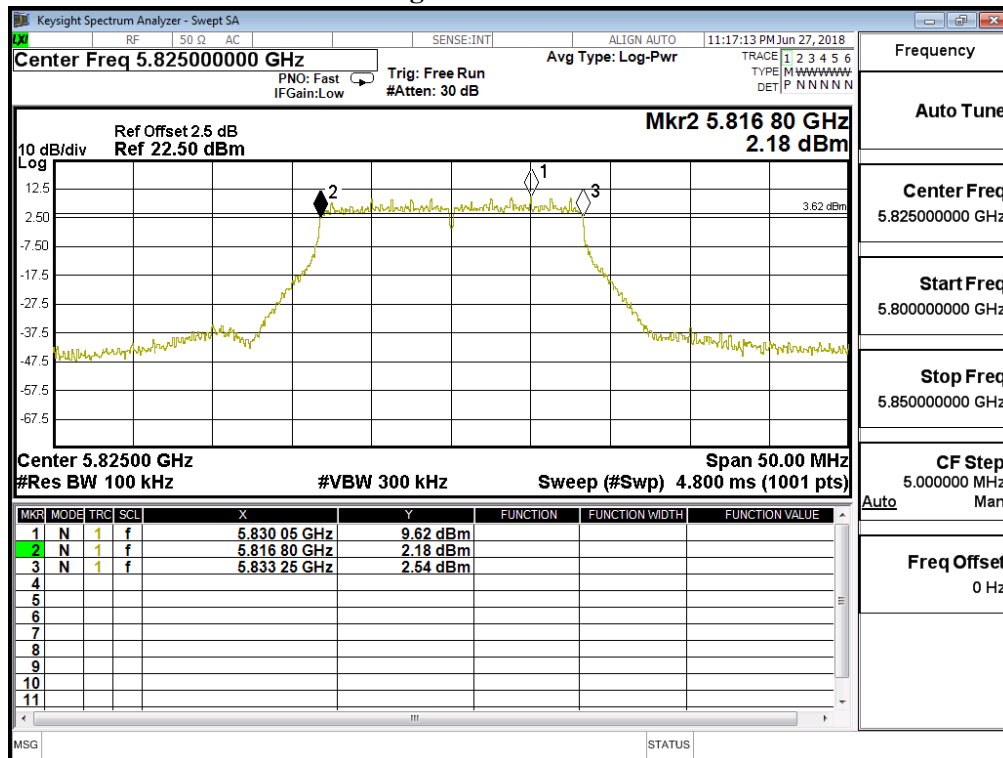
Figure Channel 157:



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5825MHz) (Antenna No.1)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	16450	>500	Pass

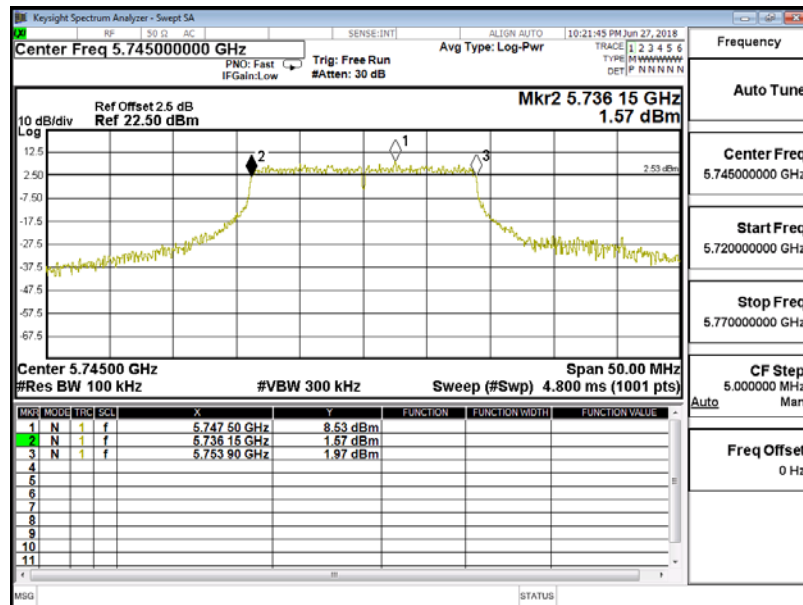
Figure Channel 165:



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) (5745MHz) (Antenna No.1)

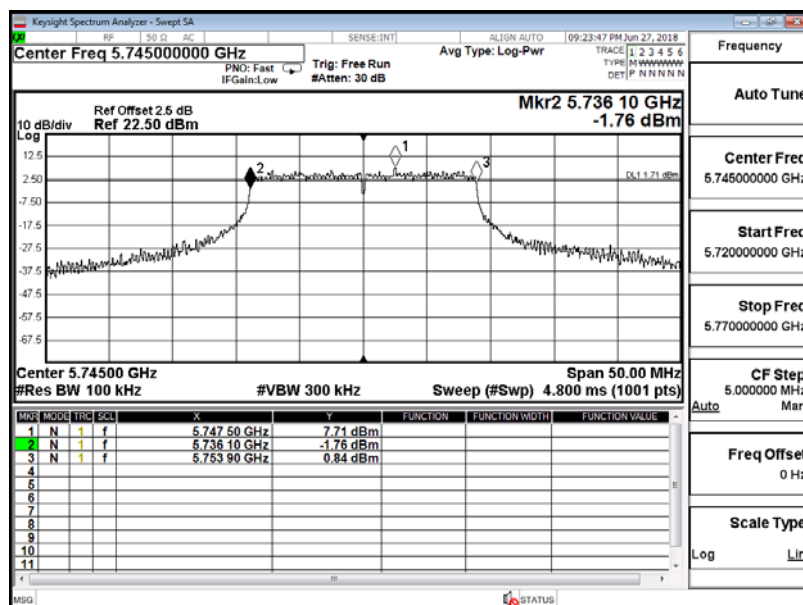
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17750	>500	Pass

Figure Channel 149: (Chain A)



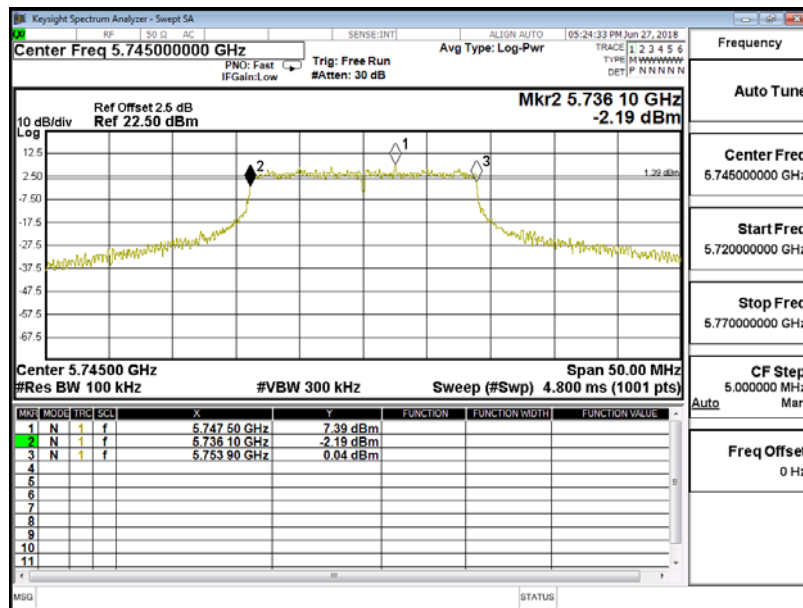
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17800	>500	Pass

Figure Channel 149: (Chain B)



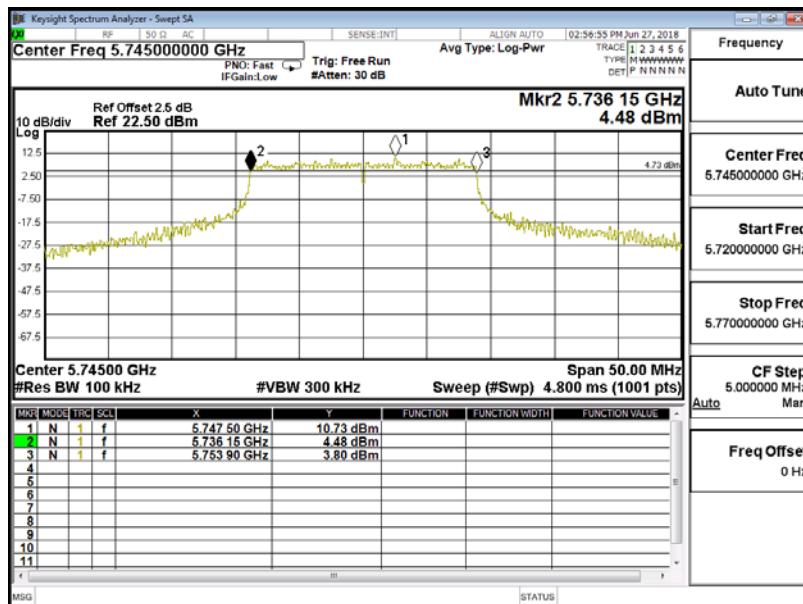
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17800	>500	Pass

Figure Channel 149: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17750	>500	Pass

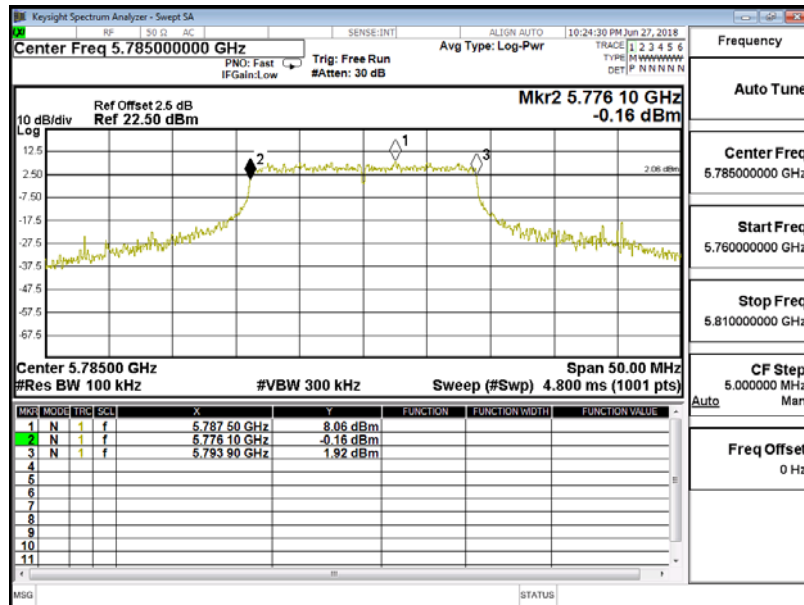
Figure Channel 149: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) (5785MHz) (Antenna No.1)

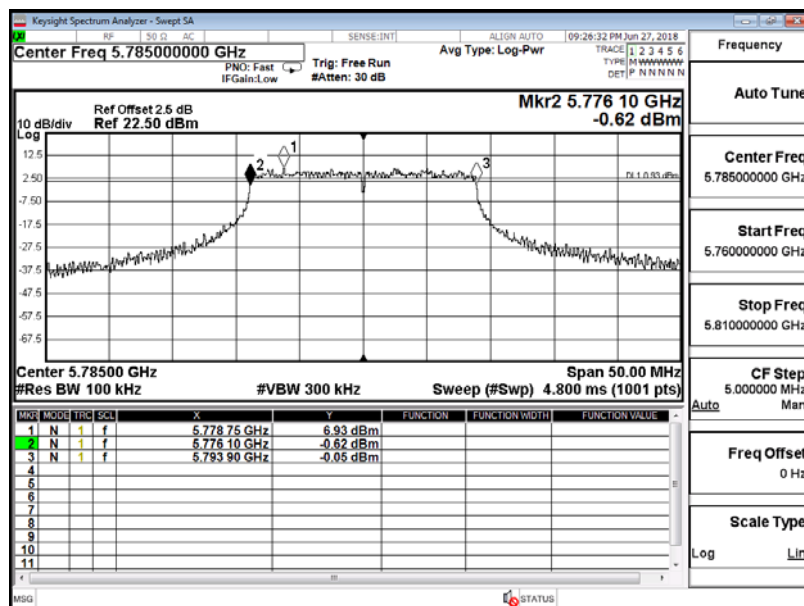
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

Figure Channel 157: (Chain A)



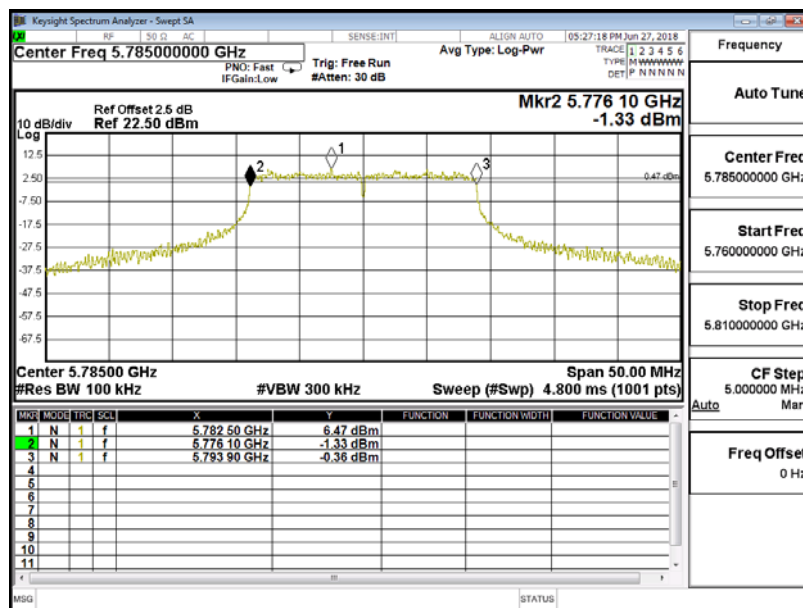
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

Figure Channel 157: (Chain B)



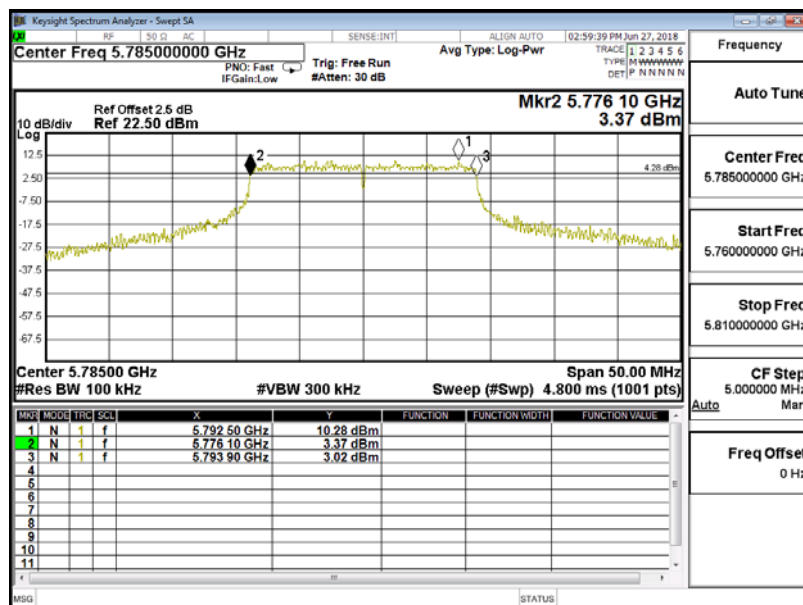
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

Figure Channel 157: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

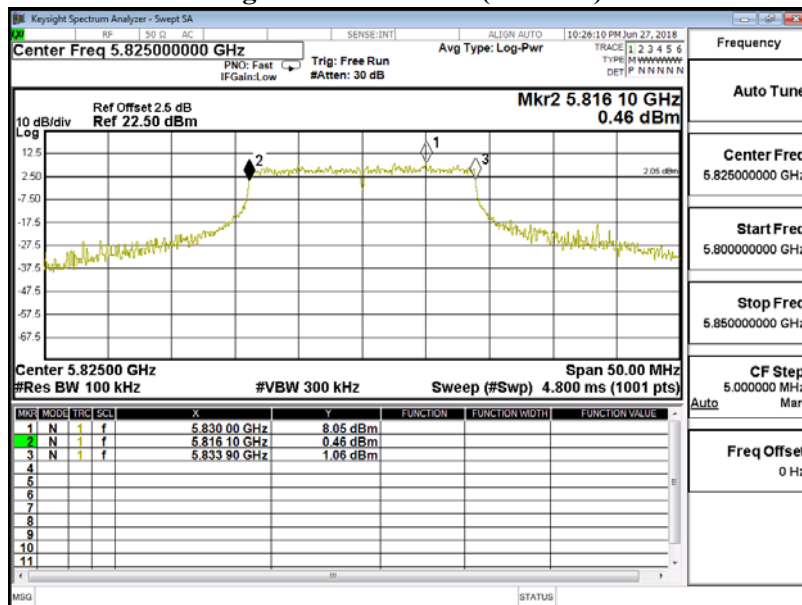
Figure Channel 157: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) (5825MHz) (Antenna No.1)

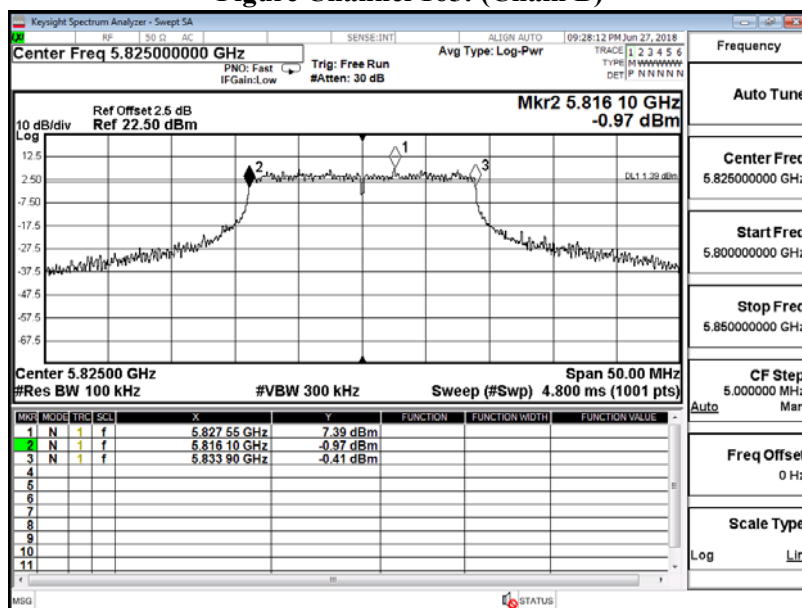
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17800	>500	Pass

Figure Channel 165: (Chain A)



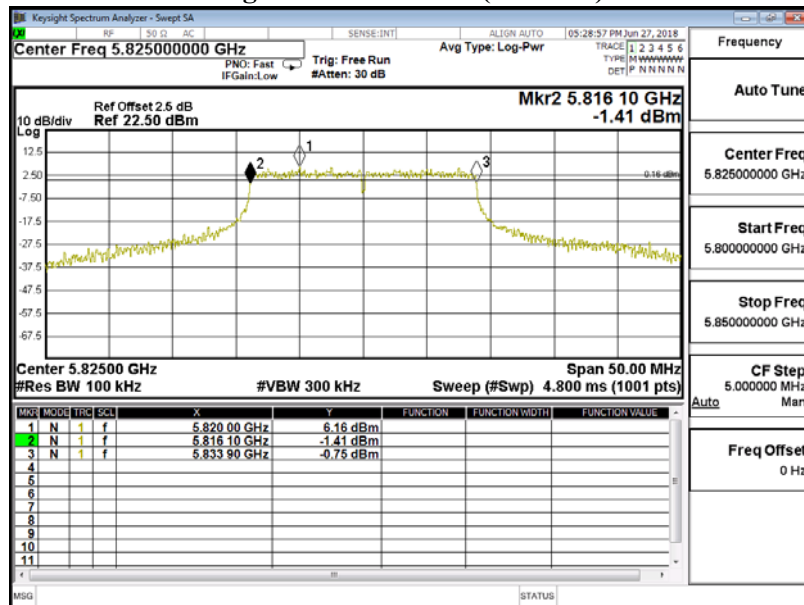
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17800	>500	Pass

Figure Channel 165: (Chain B)



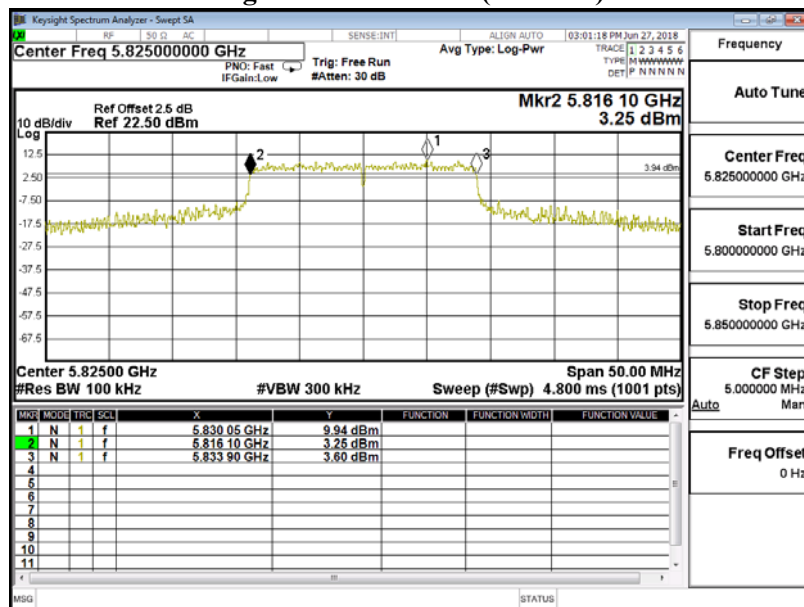
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17800	>500	Pass

Figure Channel 165: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17800	>500	Pass

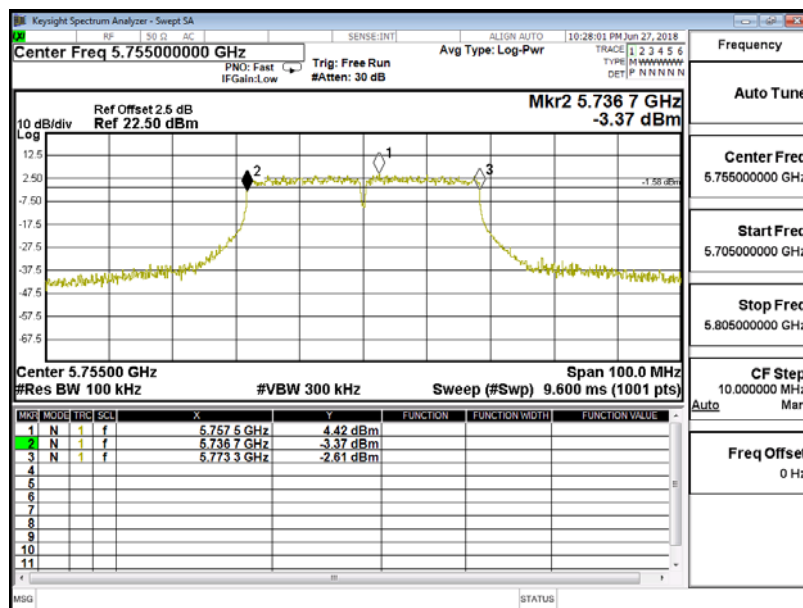
Figure Channel 165: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) (5755MHz) (Antenna No.1)

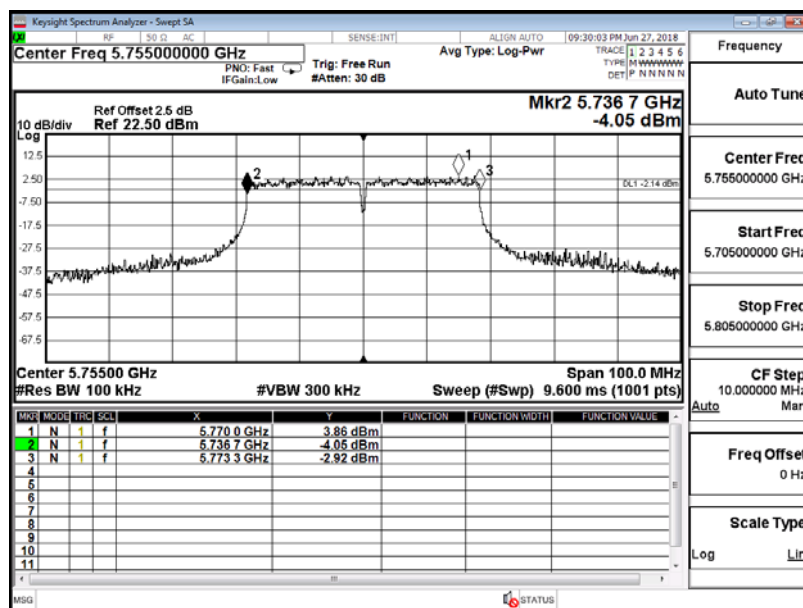
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	36600	>500	Pass

Figure Channel 151: (Chain A)



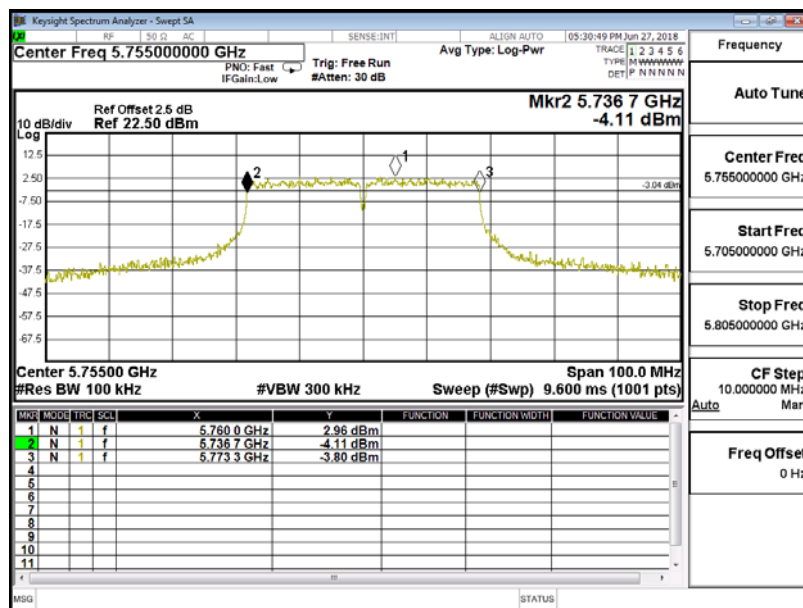
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	36600	>500	Pass

Figure Channel 151: (Chain B)



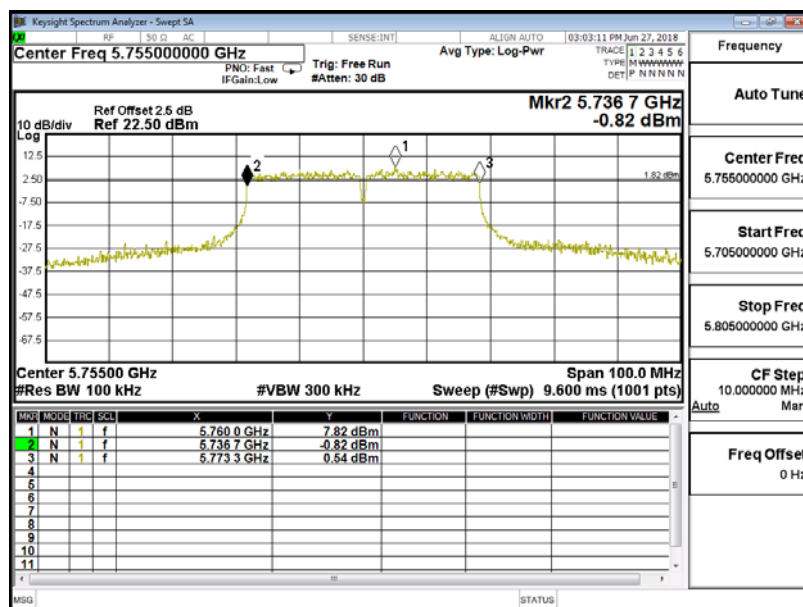
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	36600	>500	Pass

Figure Channel 151: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755.00	36600	>500	Pass

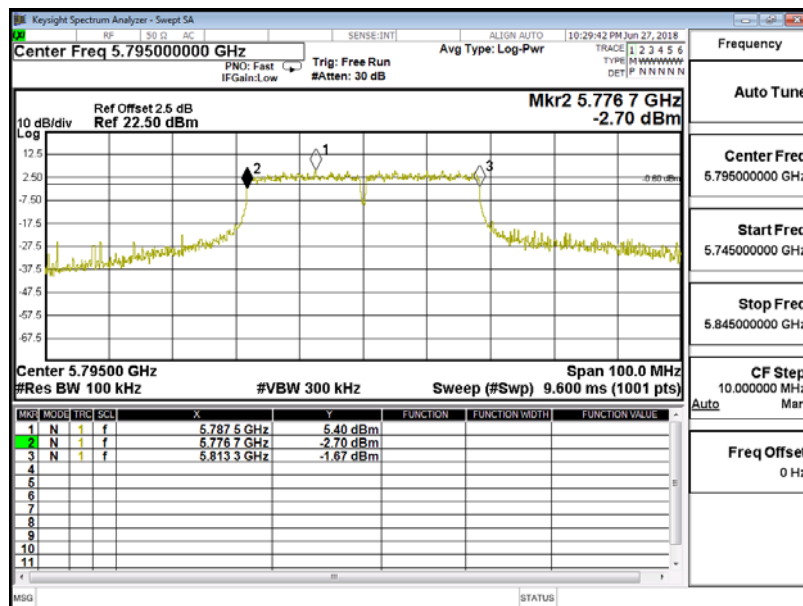
Figure Channel 151: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 3: Transmit (802.11n-40BW 60Mbps) (5795MHz) (Antenna No.1)

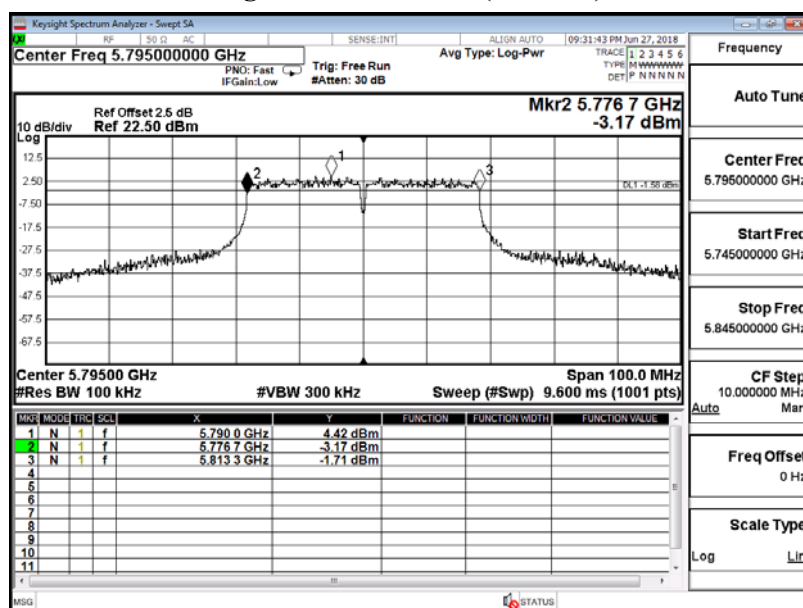
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	36600	>500	Pass

Figure Channel 159: (Chain A)



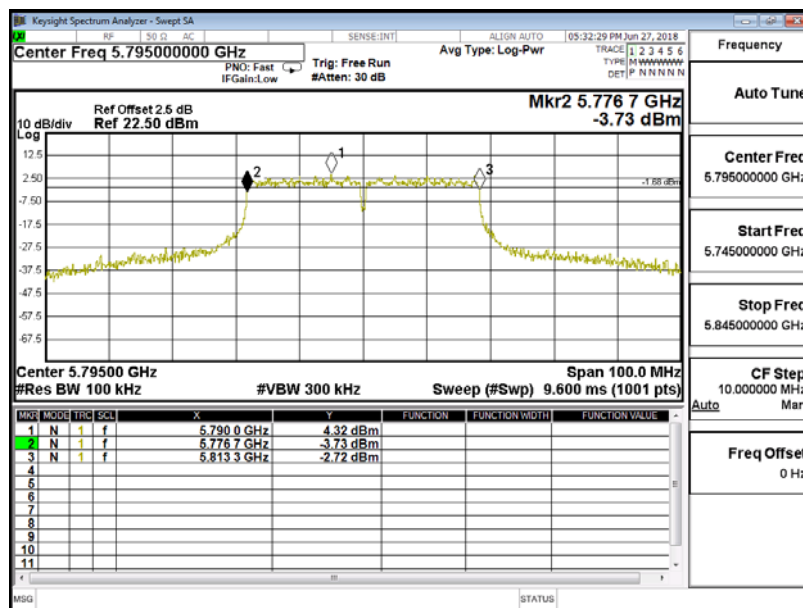
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	36600	>500	Pass

Figure Channel 159: (Chain B)



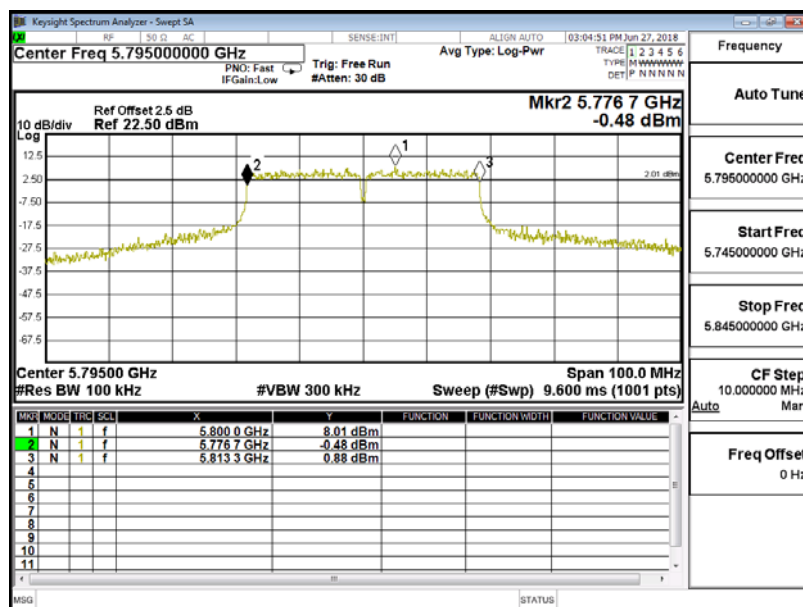
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	36600	>500	Pass

Figure Channel 159: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
159	5795.00	36600	>500	Pass

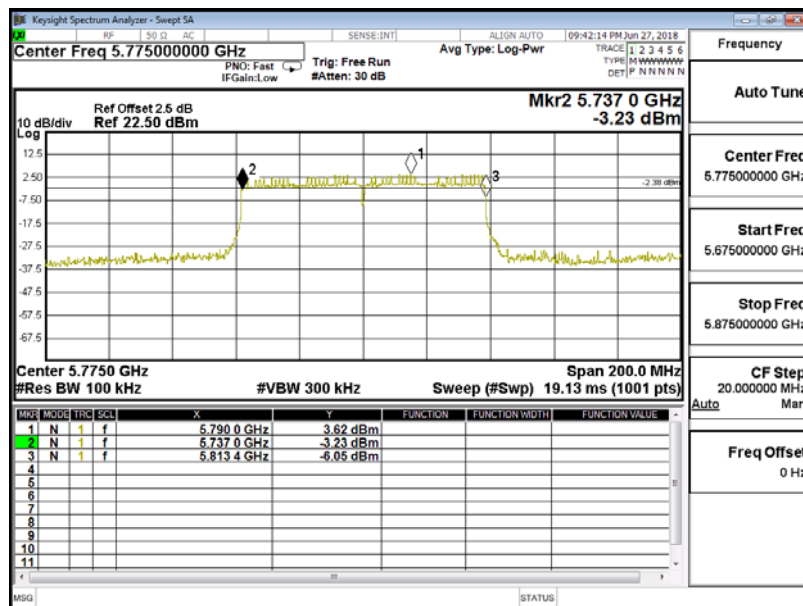
Figure Channel 159: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 6: Transmit (802.11ac-80BW-130Mbps) (5775MHz) (Antenna No.1)

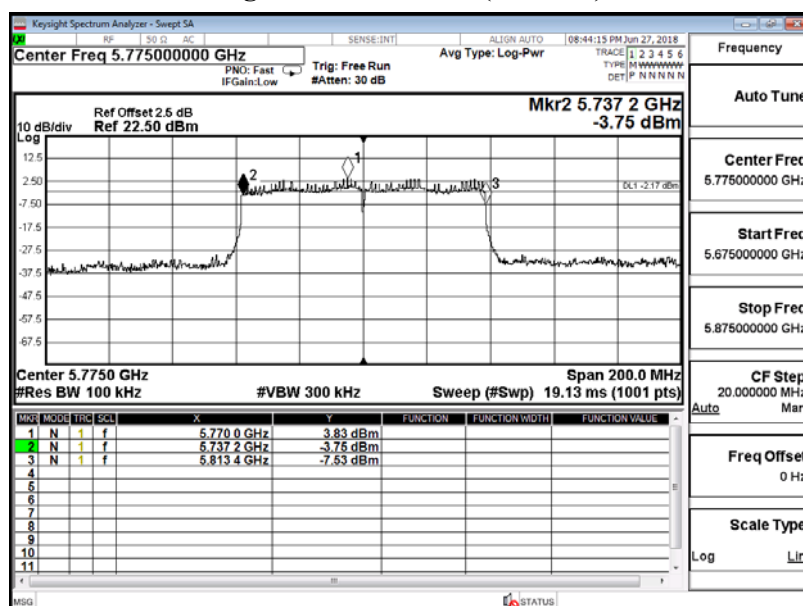
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	76400	>500	Pass

Figure Channel 155: (Chain A)



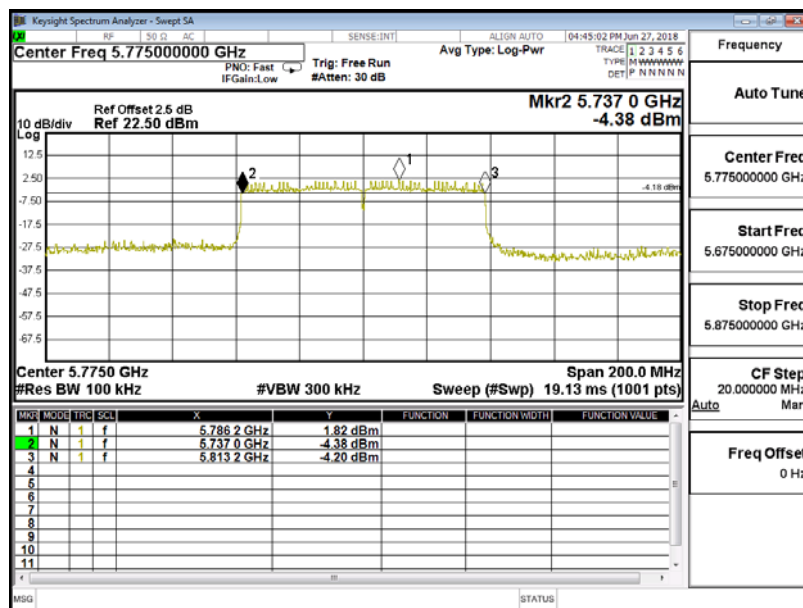
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	76200	>500	Pass

Figure Channel 155: (Chain B)



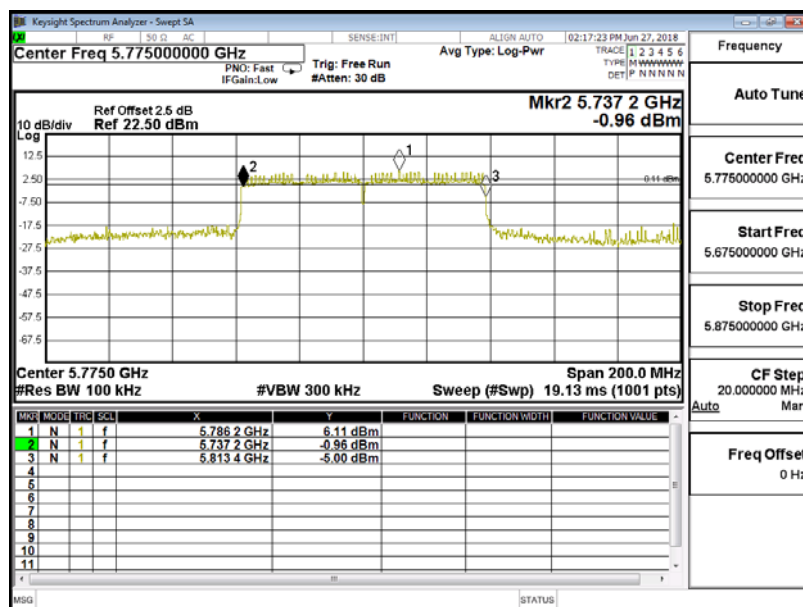
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	76200	>500	Pass

Figure Channel 155: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
155	5775.00	76200	>500	Pass

Figure Channel 155: (Chain D)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	16450	>500	Pass

[illegible]

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	16450	>500	Pass

Keysight Spectrum Analyzer - Sweep SA

RF 50 Ω AC SENSE:INT ALIGN AUTO 03:10:53 AM Jun 28, 2018

Center Freq 5.78500000 GHz PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr

TRACE 1 2 3 4 5 6
TYPE: M W W W W W W W
DET: P N N N N N

Ref Offset 2.5 dB
Ref 22.50 dBm

Mkr2 5.776 80 GHz
2.39 dBm

10 dB/div
Log

Center 5.78500 GHz
#Res BW 100 kHz #VBW 300 kHz Sweep (#Swp) 4.800 ms (1001 pts) Span 50.00 MHz

MARK	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.786 30 GHz	9.85 dBm			
2	N	1	f	5.776 80 GHz	2.39 dBm			
3	N	1	f	5.793 25 GHz	2.58 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq 5.78500000 GHz

Start Freq 5.76000000 GHz

Stop Freq 5.81000000 GHz

CF Step 5.000000 MHz

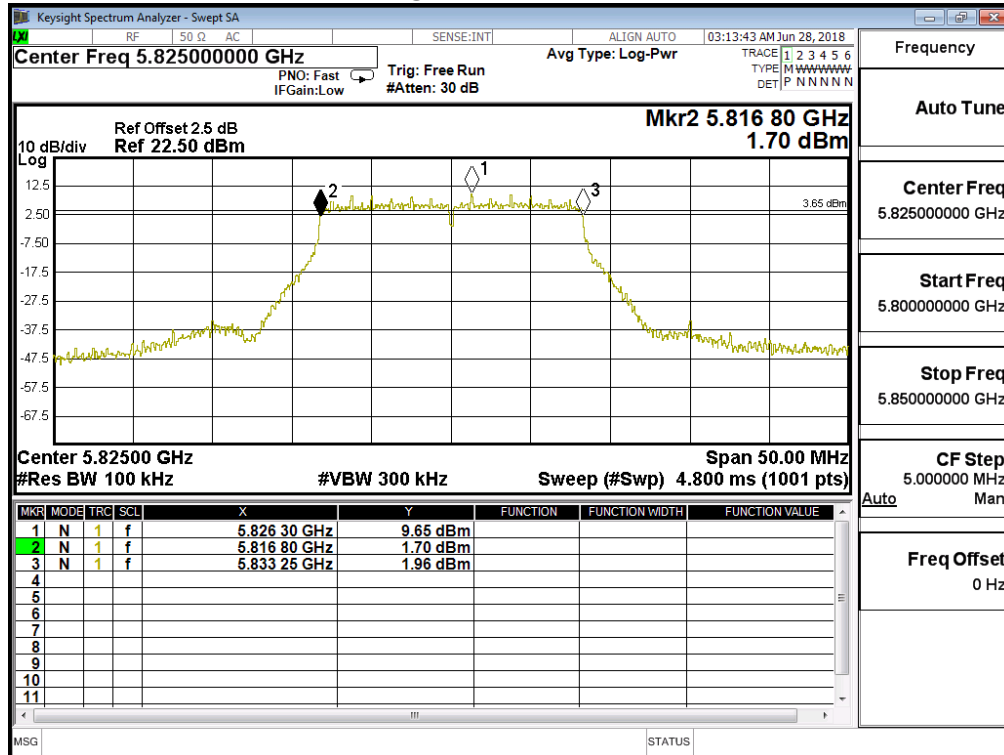
Auto Mar

Freq Offset 0 Hz

Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 1: Transmit (802.11a-6Mbps) (5825MHz) (Antenna No.7)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	16450	>500	Pass

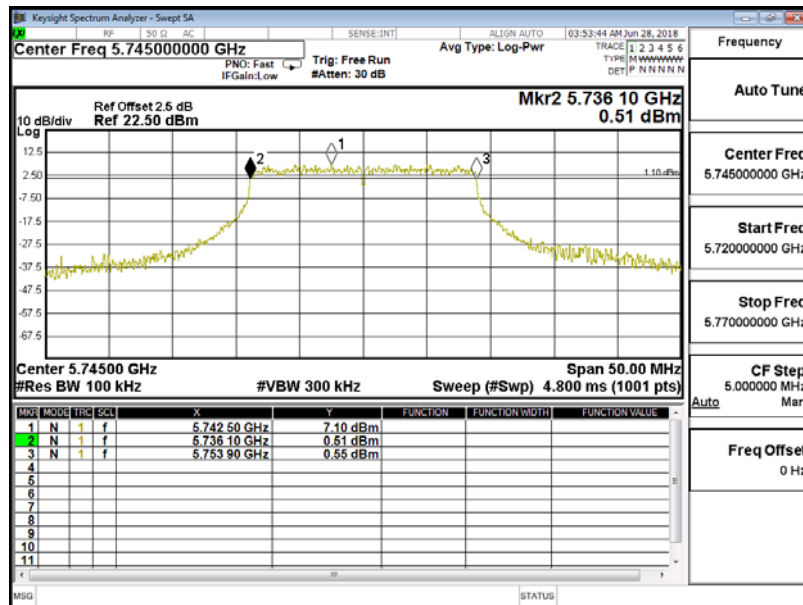
Figure Channel 165:



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) (5745MHz) (Antenna No.7)

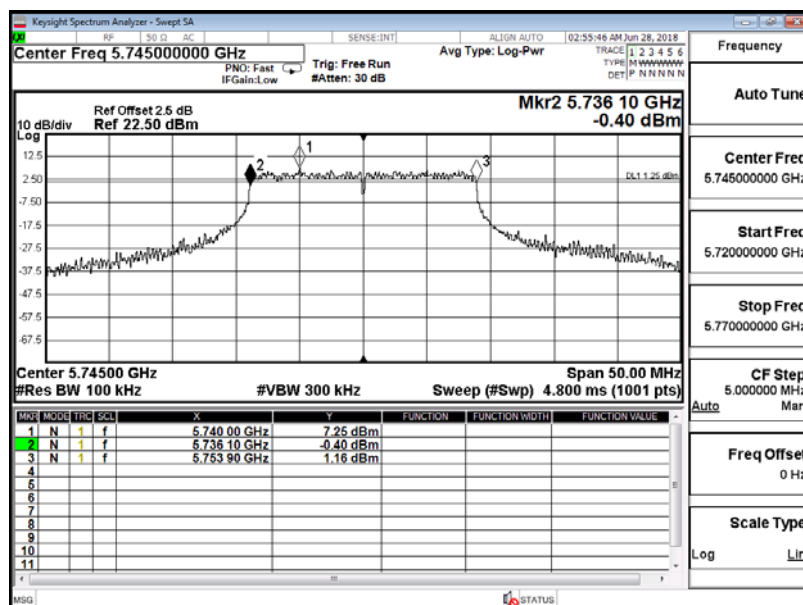
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17800	>500	Pass

Figure Channel 149: (Chain A)



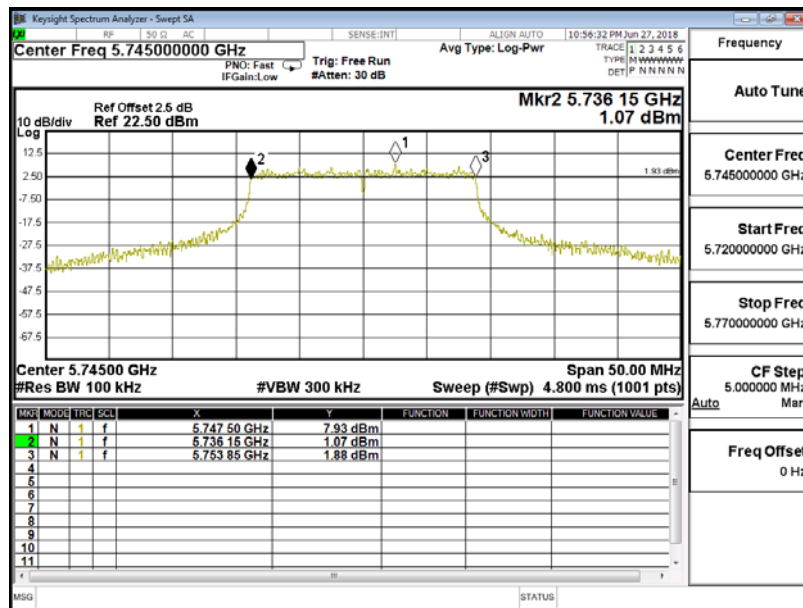
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17800	>500	Pass

Figure Channel 149: (Chain B)



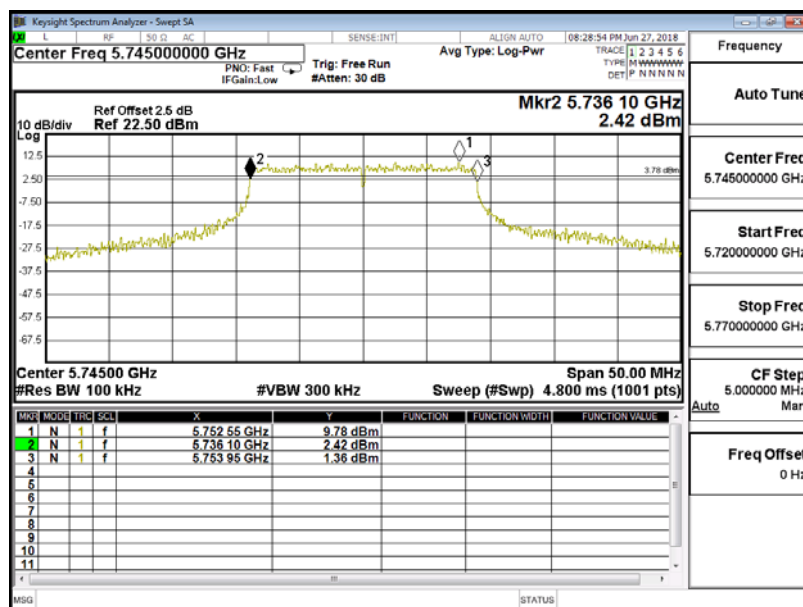
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17700	>500	Pass

Figure Channel 149: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
149	5745.00	17850	>500	Pass

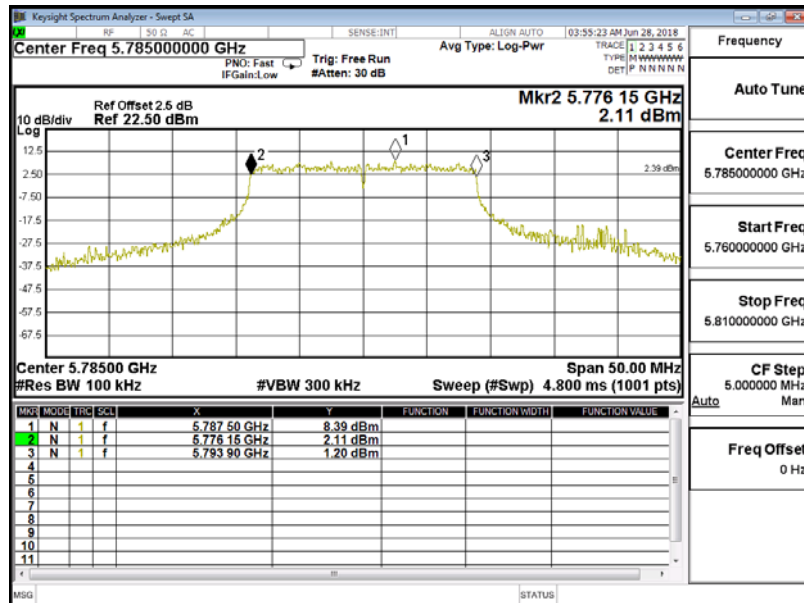
Figure Channel 149: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) (5785MHz) (Antenna No.7)

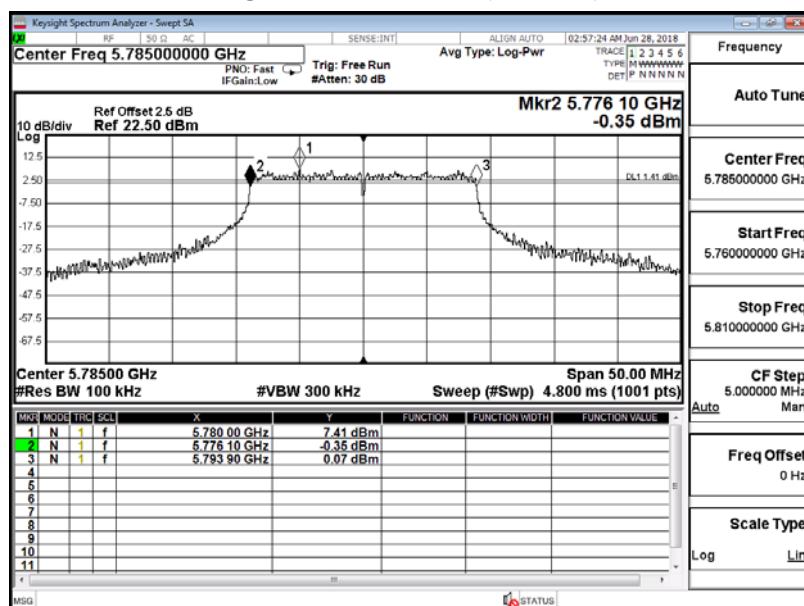
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17750	>500	Pass

Figure Channel 157: (Chain A)



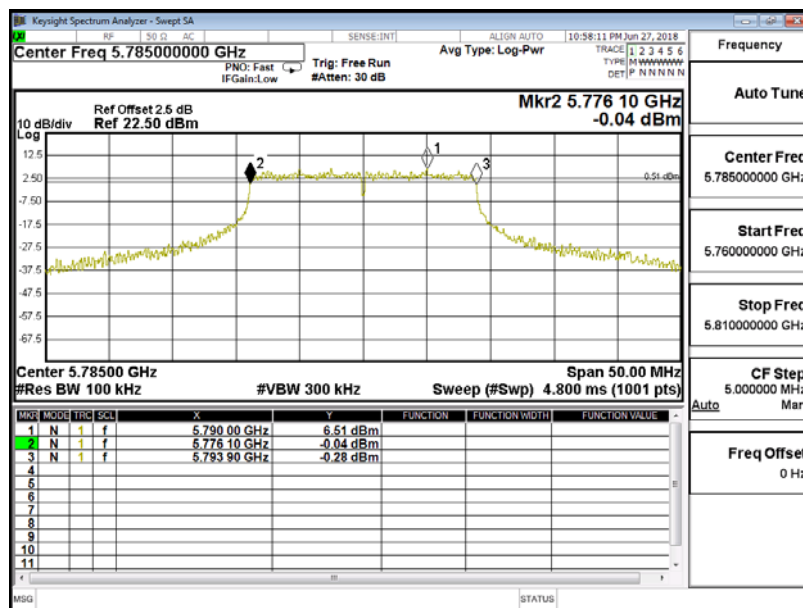
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

Figure Channel 157: (Chain B)



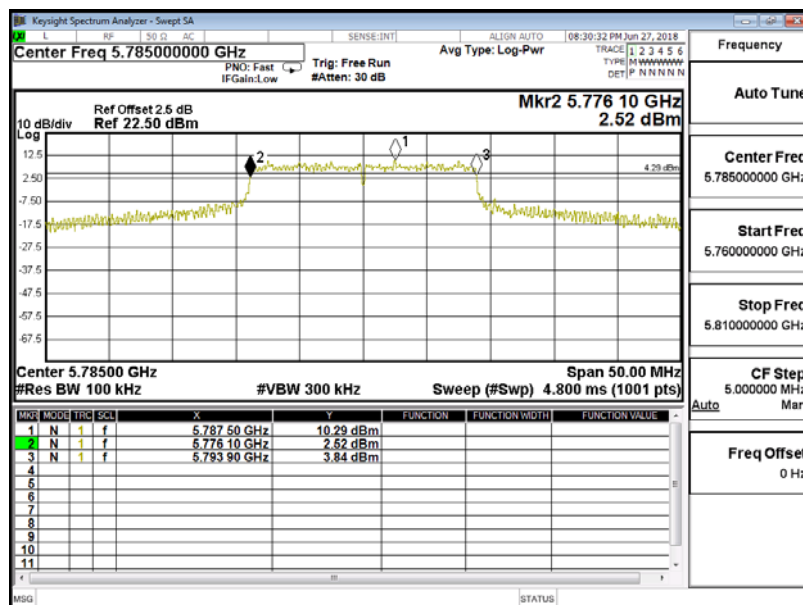
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

Figure Channel 157: (Chain C)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
157	5785.00	17800	>500	Pass

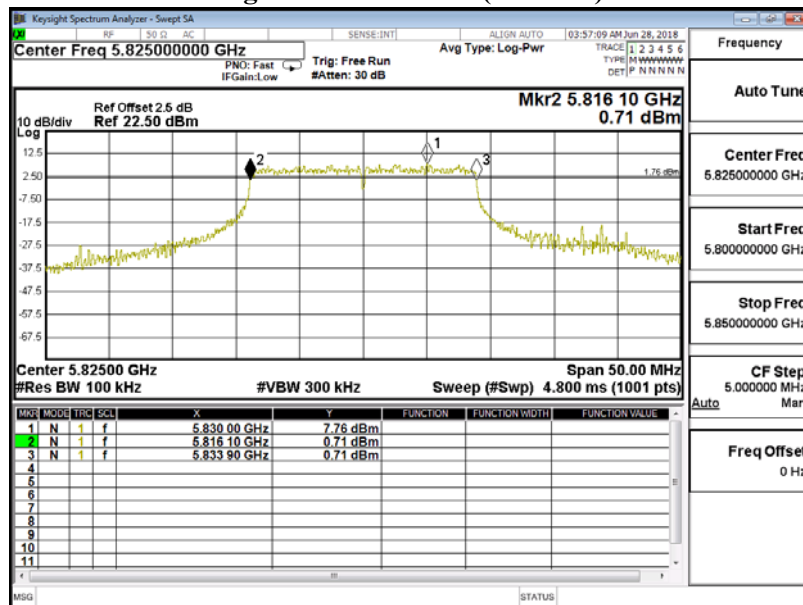
Figure Channel 157: (Chain D)



Product : MOXA IEEE 802.11a/n/ac 4*4 module
 Test Item : Occupied Bandwidth Data
 Test Site : No.3 OATS
 Test Mode : Mode 2: Transmit (802.11n-20BW 28.8Mbps) (5825MHz) (Antenna No.7)

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17800	>500	Pass

Figure Channel 165: (Chain A)



Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
165	5825.00	17750	>500	Pass

Figure Channel 165: (Chain B)

