Mode17 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.77	3.29	51.06	68.20	-17.14	peak
2		5700.000	47.89	3.61	51.50	105.20	-53.70	peak
3		5720.000	47.62	3.59	51.21	110.80	-59.59	peak
4		5725.000	47.98	3.58	51.56	122.20	-70.64	peak

Mode17 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	48.41	3.29	51.70	68.20	-16.50	peak
2		5700.000	47.81	3.61	51.42	105.20	-53.78	peak
3		5720.000	47.68	3.59	51.27	110.80	-59.53	peak
4		5725.000	47.28	3.58	50.86	122.20	-71.34	peak

Mode17 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.84	4.00	51.84	122.20	-70.36	peak
2		5855.000	47.85	4.01	51.86	110.80	-58.94	peak
3		5875.000	48.66	4.11	52.77	105.20	-52.43	peak
4	*	5920.000	48.70	4.32	53.02	71.90	-18.88	peak

Mode17 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	49.08	4.00	53.08	122.20	-69.12	peak
2		5855.000	48.82	4.01	52.83	110.80	-57.97	peak
3		5875.000	48.85	4.11	52.96	105.20	-52.24	peak
4	*	5920.000	47.70	4.32	52.02	71.90	-19.88	peak

Mode18 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	48.35	3.29	51.64	68.20	-16.56	peak
2		5700.000	47.78	3.61	51.39	105.20	-53.81	peak
3		5720.000	47.36	3.59	50.95	110.80	-59.85	peak
4		5725.000	47.42	3.58	51.00	122.20	-71.20	peak

Mode18 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	48.40	3.29	51.69	68.20	-16.51	peak
2		5700.000	47.64	3.61	51.25	105.20	-53.95	peak
3		5720.000	47.83	3.59	51.42	110.80	-59.38	peak
4		5725.000	47.34	3.58	50.92	122.20	-71.28	peak

Mode18 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.52	4.00	52.52	122.20	-69.68	peak
2		5855.000	48.01	4.01	52.02	110.80	-58.78	peak
3		5875.000	48.27	4.11	52.38	105.20	-52.82	peak
4	*	5920.000	48.48	4.32	52.80	71.90	-19.10	peak

Mode18 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.66	4.00	52.66	122.20	-69.54	peak
2		5855.000	47.47	4.01	51.48	110.80	-59.32	peak
3		5875.000	48.30	4.11	52.41	105.20	-52.79	peak
4	*	5920.000	47.81	4.32	52.13	71.90	-19.77	peak

Mode19 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.70	3.29	50.99	68.20	-17.21	peak
2		5700.000	47.21	3.61	50.82	105.20	-54.38	peak
3		5720.000	48.01	3.59	51.60	110.80	-59.20	peak
4		5725.000	47.83	3.58	51.41	122.20	-70.79	peak

Mode19 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.86	3.29	51.15	68.20	-17.05	peak
2		5700.000	47.58	3.61	51.19	105.20	-54.01	peak
3		5720.000	47.85	3.59	51.44	110.80	-59.36	peak
4		5725.000	47.09	3.58	50.67	122.20	-71.53	peak

Mode19 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.37	4.00	52.37	122.20	-69.83	peak
2		5855.000	50.20	4.01	54.21	110.80	-56.59	peak
3		5875.000	49.37	4.11	53.48	105.20	-51.72	peak
4	*	5920.000	48.56	4.32	52.88	71.90	-19.02	peak

Mode19 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.74	4.00	51.74	122.20	-70.46	peak
2		5855.000	48.22	4.01	52.23	110.80	-58.57	peak
3		5875.000	48.08	4.11	52.19	105.20	-53.01	peak
4	*	5920.000	48.58	4.32	52.90	71.90	-19.00	peak

Mode20 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.79	3.29	51.08	68.20	-17.12	peak
2		5700.000	48.08	3.61	51.69	105.20	-53.51	peak
3		5720.000	47.66	3.59	51.25	110.80	-59.55	peak
4		5725.000	47.38	3.58	50.96	122.20	-71.24	peak

Mode20 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.92	3.29	51.21	68.20	-16.99	peak
2		5700.000	48.54	3.61	52.15	105.20	-53.05	peak
3		5720.000	47.25	3.59	50.84	110.80	-59.96	peak
4		5725.000	47.90	3.58	51.48	122.20	-70.72	peak

Mode20 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.95	4.00	52.95	122.20	-69.25	peak
2		5855.000	48.67	4.01	52.68	110.80	-58.12	peak
3		5875.000	48.63	4.11	52.74	105.20	-52.46	peak
4	*	5920.000	48.54	4.32	52.86	71.90	-19.04	peak

Mode20 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.07	4.00	52.07	122.20	-70.13	peak
2		5855.000	48.44	4.01	52.45	110.80	-58.35	peak
3		5875.000	48.14	4.11	52.25	105.20	-52.95	peak
4	*	5920.000	49.09	4.32	53.41	71.90	-18.49	peak

Mode21 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.82	3.29	51.11	68.20	-17.09	peak
2		5700.000	48.23	3.61	51.84	105.20	-53.36	peak
3		5720.000	47.62	3.59	51.21	110.80	-59.59	peak
4		5725.000	47.37	3.58	50.95	122.20	-71.25	peak

Mode21 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	49.15	3.29	52.44	68.20	-15.76	peak
2		5700.000	47.90	3.61	51.51	105.20	-53.69	peak
3		5720.000	47.47	3.59	51.06	110.80	-59.74	peak
4		5725.000	48.66	3.58	52.24	122.20	-69.96	peak

Mode21 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.44	4.00	52.44	122.20	-69.76	peak
2		5855.000	48.14	4.01	52.15	110.80	-58.65	peak
3		5875.000	47.98	4.11	52.09	105.20	-53.11	peak
4	*	5920.000	48.32	4.32	52.64	71.90	-19.26	peak

Mode21 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.42	4.00	52.42	122.20	-69.78	peak
2		5855.000	49.50	4.01	53.51	110.80	-57.29	peak
3		5875.000	48.40	4.11	52.51	105.20	-52.69	peak
4	*	5920.000	47.85	4.32	52.17	71.90	-19.73	peak

Mode22 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.82	3.29	51.11	68.20	-17.09	peak
2		5700.000	47.70	3.61	51.31	105.20	-53.89	peak
3		5720.000	47.75	3.59	51.34	110.80	-59.46	peak
4		5725.000	46.88	3.58	50.46	122.20	-71.74	peak

Mode22 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	48.33	3.29	51.62	68.20	-16.58	peak
2		5700.000	47.78	3.61	51.39	105.20	-53.81	peak
3		5720.000	47.09	3.59	50.68	110.80	-60.12	peak
4		5725.000	47.78	3.58	51.36	122.20	-70.84	peak

Mode22 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.99	4.00	52.99	122.20	-69.21	peak
2		5855.000	47.94	4.01	51.95	110.80	-58.85	peak
3		5875.000	48.11	4.11	52.22	105.20	-52.98	peak
4	*	5920.000	47.92	4.32	52.24	71.90	-19.66	peak

Mode22 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.80	4.00	52.80	122.20	-69.40	peak
2		5855.000	48.40	4.01	52.41	110.80	-58.39	peak
3		5875.000	48.13	4.11	52.24	105.20	-52.96	peak
4	*	5920.000	48.17	4.32	52.49	71.90	-19.41	peak

Mode23 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.56	3.29	50.85	68.20	-17.35	peak
2		5700.000	48.20	3.61	51.81	105.20	-53.39	peak
3		5720.000	47.31	3.59	50.90	110.80	-59.90	peak
4		5725.000	48.77	3.58	52.35	122.20	-69.85	peak

Mode23 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.71	3.29	51.00	68.20	-17.20	peak
2		5700.000	48.46	3.61	52.07	105.20	-53.13	peak
3		5720.000	47.39	3.59	50.98	110.80	-59.82	peak
4		5725.000	47.94	3.58	51.52	122.20	-70.68	peak

Mode23 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.06	4.00	52.06	122.20	-70.14	peak
2		5855.000	48.56	4.01	52.57	110.80	-58.23	peak
3		5875.000	48.41	4.11	52.52	105.20	-52.68	peak
4	*	5920.000	48.57	4.32	52.89	71.90	-19.01	peak

Mode23 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.41	4.00	51.41	122.20	-70.79	peak
2		5855.000	48.27	4.01	52.28	110.80	-58.52	peak
3		5875.000	48.17	4.11	52.28	105.20	-52.92	peak
4	*	5920.000	49.23	4.32	53.55	71.90	-18.35	peak

Mode24 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.82	3.29	51.11	68.20	-17.09	peak
2		5700.000	47.45	3.61	51.06	105.20	-54.14	peak
3		5720.000	48.07	3.59	51.66	110.80	-59.14	peak
4		5725.000	48.39	3.58	51.97	122.20	-70.23	peak

Mode24 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.66	3.29	50.95	68.20	-17.25	peak
2		5700.000	48.48	3.61	52.09	105.20	-53.11	peak
3		5720.000	48.12	3.59	51.71	110.80	-59.09	peak
4		5725.000	48.61	3.58	52.19	122.20	-70.01	peak

Mode24 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.22	4.00	52.22	122.20	-69.98	peak
2		5855.000	48.57	4.01	52.58	110.80	-58.22	peak
3		5875.000	49.10	4.11	53.21	105.20	-51.99	peak
4	*	5920.000	48.15	4.32	52.47	71.90	-19.43	peak

Mode24 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.80	4.00	51.80	122.20	-70.40	peak
2		5855.000	48.84	4.01	52.85	110.80	-57.95	peak
3		5875.000	48.19	4.11	52.30	105.20	-52.90	peak
4	*	5920.000	48.58	4.32	52.90	71.90	-19.00	peak

Mode25 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.74	3.29	51.03	68.20	-17.17	peak
2		5700.000	47.96	3.61	51.57	105.20	-53.63	peak
3		5720.000	48.04	3.59	51.63	110.80	-59.17	peak
4		5725.000	47.82	3.58	51.40	122.20	-70.80	peak

Mode25 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	47.99	3.29	51.28	68.20	-16.92	peak
2		5700.000	48.01	3.61	51.62	105.20	-53.58	peak
3		5720.000	48.24	3.59	51.83	110.80	-58.97	peak
4		5725.000	48.27	3.58	51.85	122.20	-70.35	peak

Mode25 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.94	4.00	51.94	122.20	-70.26	peak
2		5855.000	48.01	4.01	52.02	110.80	-58.78	peak
3		5875.000	48.37	4.11	52.48	105.20	-52.72	peak
4	*	5920.000	48.17	4.32	52.49	71.90	-19.41	peak

Mode25 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.94	4.00	51.94	122.20	-70.26	peak
2		5855.000	47.75	4.01	51.76	110.80	-59.04	peak
3		5875.000	47.75	4.11	51.86	105.20	-53.34	peak
4	*	5920.000	48.37	4.32	52.69	71.90	-19.21	peak

Mode26 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	48.70	3.29	51.99	68.20	-16.21	peak
2		5700.000	48.19	3.61	51.80	105.20	-53.40	peak
3		5720.000	47.32	3.59	50.91	110.80	-59.89	peak
4		5725.000	48.20	3.58	51.78	122.20	-70.42	peak

Mode26 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	5650.000	48.22	3.29	51.51	68.20	-16.69	peak
2		5700.000	48.22	3.61	51.83	105.20	-53.37	peak
3		5720.000	47.49	3.59	51.08	110.80	-59.72	peak
4		5725.000	47.64	3.58	51.22	122.20	-70.98	peak

Mode26 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	47.60	4.00	51.60	122.20	-70.60	peak
2		5855.000	47.57	4.01	51.58	110.80	-59.22	peak
3		5875.000	47.49	4.11	51.60	105.20	-53.60	peak
4	*	5920.000	48.63	4.32	52.95	71.90	-18.95	peak

Mode26 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		5850.000	48.95	4.00	52.95	122.20	-69.25	peak
2		5855.000	48.28	4.01	52.29	110.80	-58.51	peak
3		5875.000	48.32	4.11	52.43	105.20	-52.77	peak
4	*	5920.000	48.17	4.32	52.49	71.90	-19.41	peak

6.7 Undesirable emission limits (below 1GHz)

<table>
<tr><td>Test Requirement:</td><td>47 CFR Part 15.407(b)(9)</td></tr>
<tr><td>Test Limit:</td><td>Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:
<table>
<tr><th>Frequency (MHz)</th><th>Field strength (microvolts/meter)</th><th>Measurement distance (meters)</th></tr>
<tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr>
<tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr>
<tr><td>1.705-30.0</td><td>30</td><td>30</td></tr>
<tr><td>30-88</td><td>100 **</td><td>3</td></tr>
<tr><td>88-216</td><td>150 **</td><td>3</td></tr>
<tr><td>216-960</td><td>200 **</td><td>3</td></tr>
<tr><td>Above 960</td><td>500</td><td>3</td></tr>
</table>
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.
In the emission table above, the tighter limit applies at the band edges.
The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10-2013, section 12.7.4, 12.7.5</td></tr>
<tr><td>Procedure:</td><td>Below 1GHz:
a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.</td></tr>
</table>

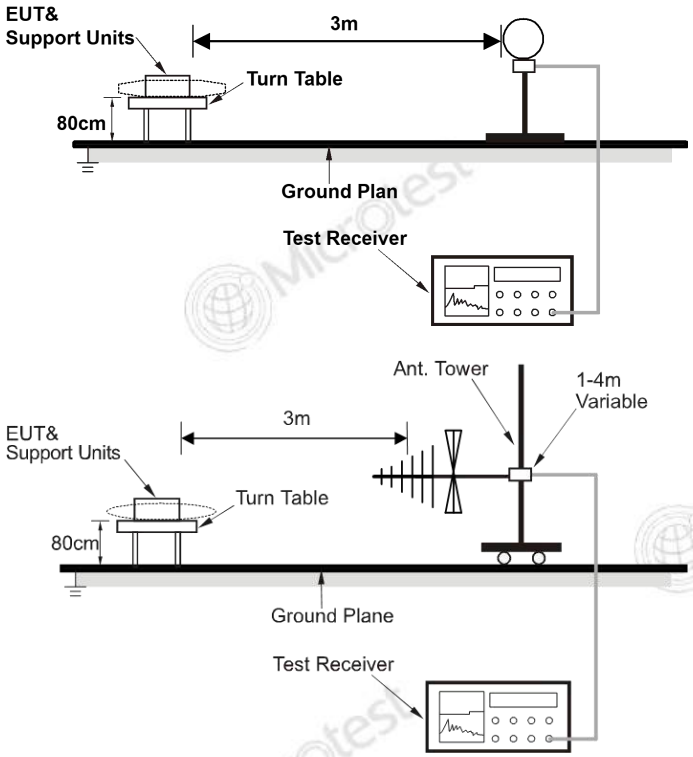
	g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. i. Repeat above procedures until all frequencies measured was complete. Remark: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. Above 1GHz: a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. i. Repeat above procedures until all frequencies measured was complete. Remark: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

	4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

6.7.1 E.U.T. Operation:

Operating Environment:					
Temperature:	19.3 °C	Humidity:	48.7 %	Atmospheric Pressure:	100 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18, Mode19, Mode20, Mode21, Mode22, Mode23, Mode24, Mode25, Mode26				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1, Mode2, Mode5) is recorded in the report				

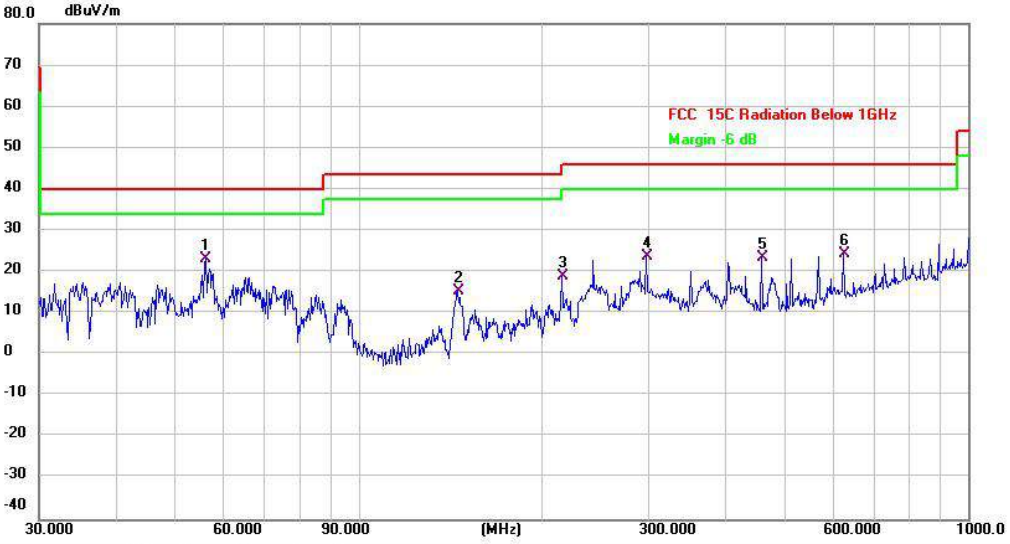
6.7.2 Test Setup Diagram:



6.7.3 Test Data:

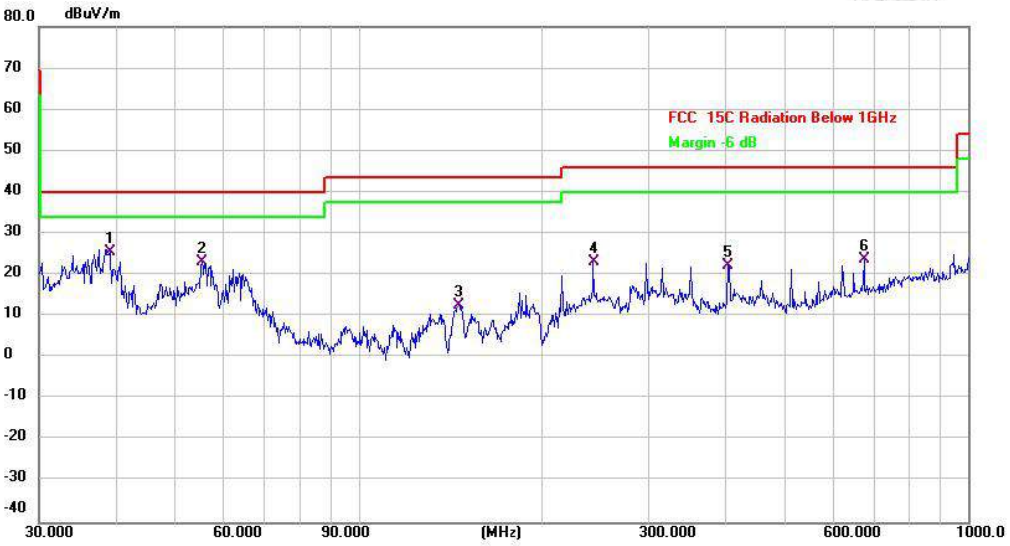
U-NII-1:

Mode1 / Polarization: Horizontal / CH: H



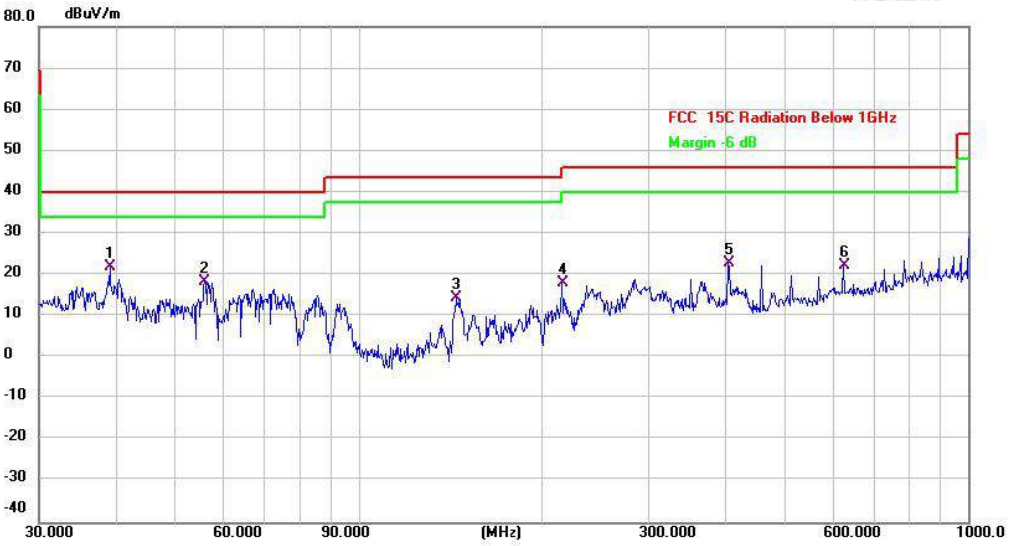
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	56.1974	39.26	-16.05	23.21	40.00	-16.79	QP	
2		145.3506	35.88	-20.55	15.33	43.50	-28.17	QP	
3		216.0240	37.23	-18.27	18.96	46.00	-27.04	QP	
4		297.2241	40.03	-16.23	23.80	46.00	-22.20	QP	
5		459.1144	37.87	-14.34	23.53	46.00	-22.47	QP	
6		625.0780	35.39	-11.11	24.28	46.00	-21.72	QP	

Mode1 / Polarization: Vertical / CH: H



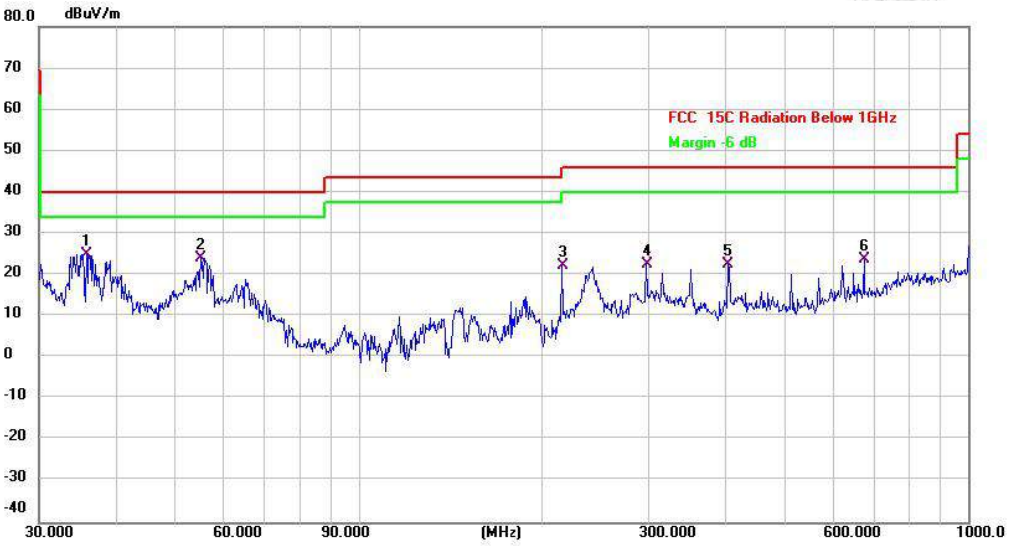
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	39.1616	50.42	-24.84	25.58	40.00	-14.42	QP	
2		55.4147	45.18	-22.08	23.10	40.00	-16.90	QP	
3		145.8611	29.21	-16.53	12.68	43.50	-30.82	QP	
4		243.3772	41.87	-18.82	23.05	46.00	-22.95	QP	
5		404.6665	36.13	-13.91	22.22	46.00	-23.78	QP	
6		675.2080	32.66	-9.01	23.65	46.00	-22.35	QP	

Mode2 / Polarization: Horizontal / CH: H



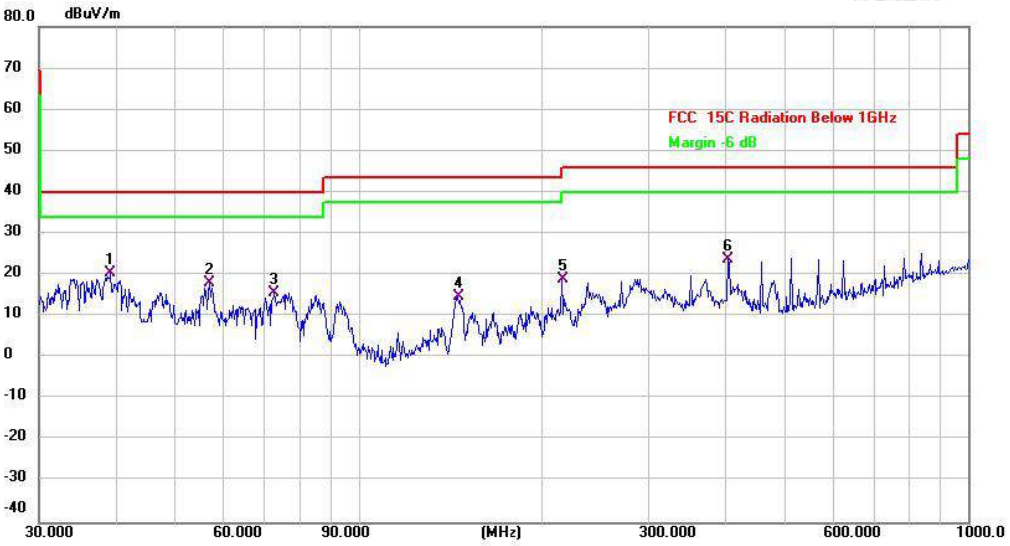
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	39.1616	36.27	-14.29	21.98	40.00	-18.02	QP	
2		56.0007	34.34	-16.04	18.30	40.00	-21.70	QP	
3		144.3348	35.56	-21.16	14.40	43.50	-29.10	QP	
4		216.0240	36.32	-18.27	18.05	46.00	-27.95	QP	
5		404.6665	36.49	-13.69	22.80	46.00	-23.20	QP	
6		625.0780	33.49	-11.11	22.38	46.00	-23.62	QP	

Mode2 / Polarization: Vertical / CH: H



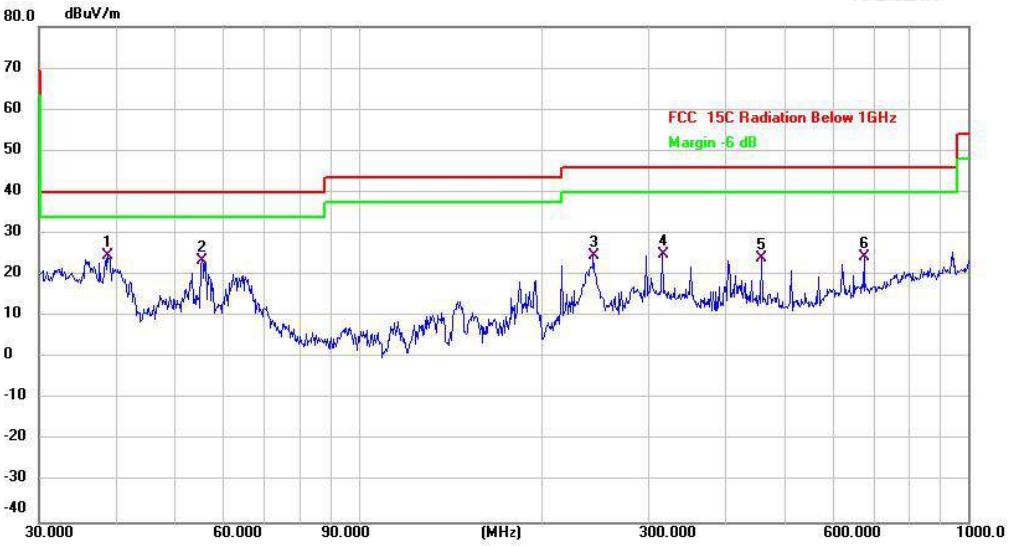
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	35.8746	49.72	-24.74	24.98	40.00	-15.02	QP	
2		55.2207	46.41	-22.24	24.17	40.00	-15.83	QP	
3		216.0240	43.64	-21.43	22.21	46.00	-23.79	QP	
4		297.2241	38.65	-16.08	22.57	46.00	-23.43	QP	
5		404.6665	36.43	-13.91	22.52	46.00	-23.48	QP	
6		675.2080	32.67	-9.01	23.66	46.00	-22.34	QP	

Mode5 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	39.2991	34.67	-14.32	20.35	40.00	-19.65	QP	
2		56.9912	34.13	-16.10	18.03	40.00	-21.97	QP	
3		72.8466	37.54	-22.03	15.51	40.00	-24.49	QP	
4		145.3506	35.29	-20.55	14.74	43.50	-28.76	QP	
5		216.0240	37.23	-18.27	18.96	46.00	-27.04	QP	
6		404.6665	37.38	-13.69	23.69	46.00	-22.31	QP	

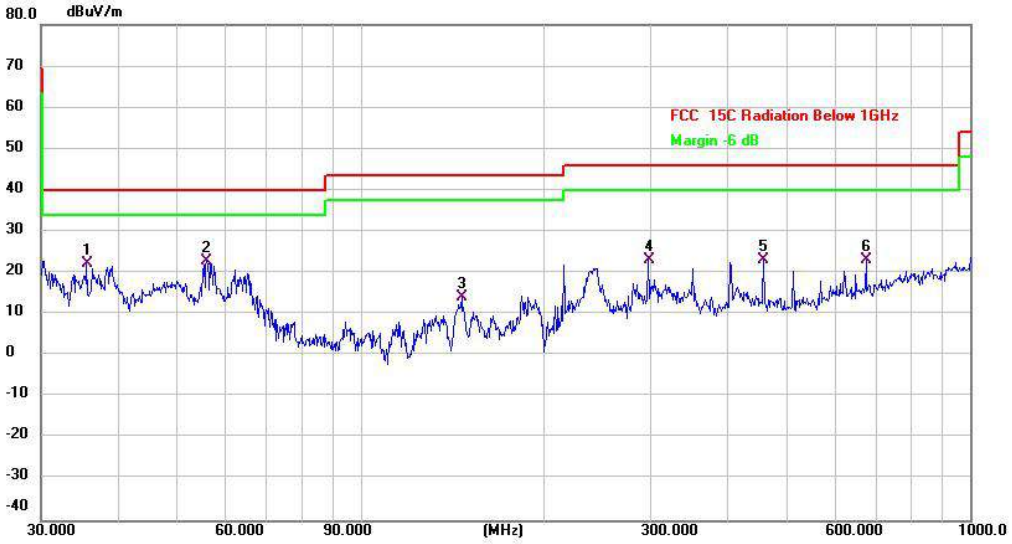
Mode5 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	38.8878	49.55	-24.95	24.60	40.00	-15.40	QP	
2		55.4147	45.52	-22.08	23.44	40.00	-16.56	QP	
3		243.3772	43.37	-18.82	24.55	46.00	-21.45	QP	
4		315.4808	39.96	-14.93	25.03	46.00	-20.97	QP	
5		459.1144	38.23	-14.10	24.13	46.00	-21.87	QP	
6		675.2080	33.32	-9.01	24.31	46.00	-21.69	QP	

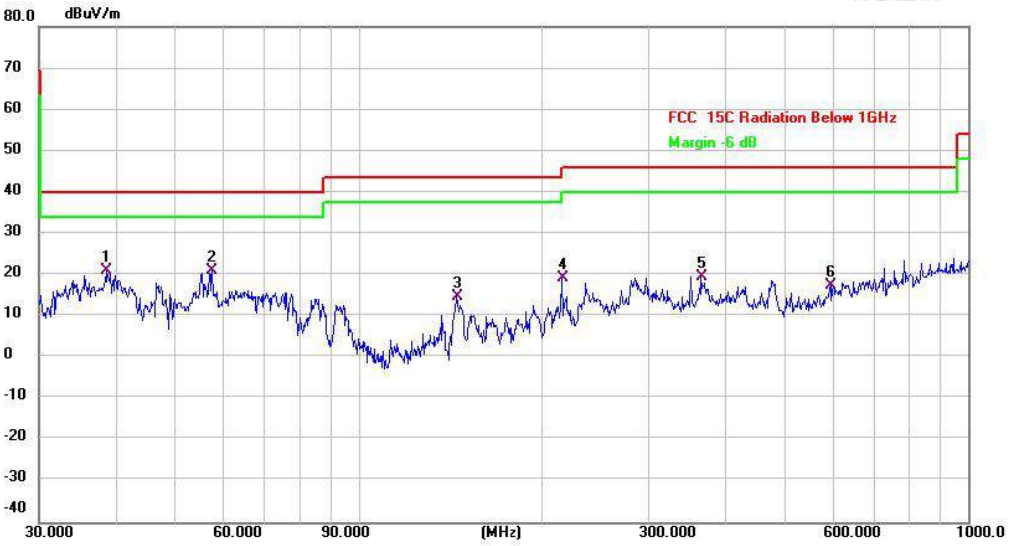
U-NII-3:

Mode1 / Polarization: Horizontal / CH: H



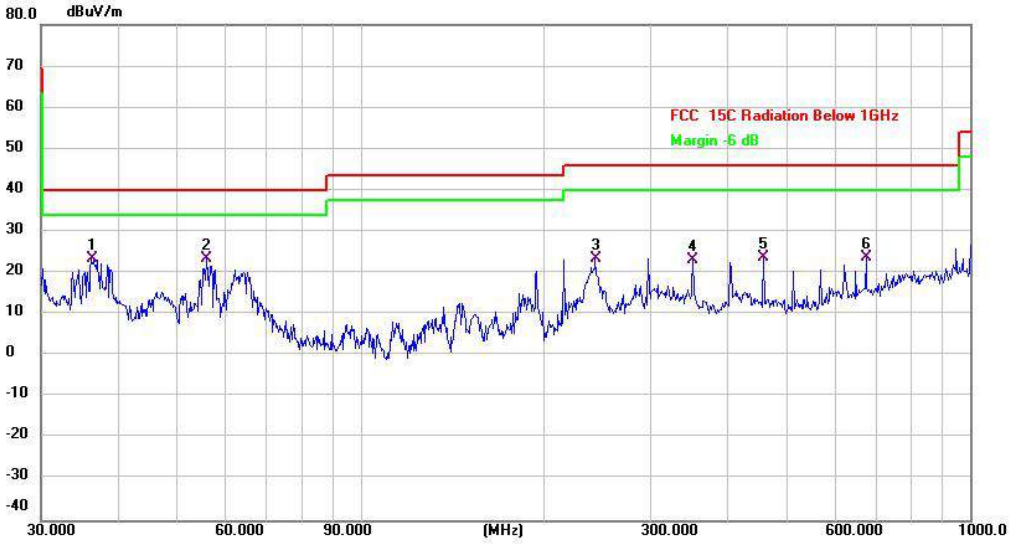
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		35.6240	47.17	-24.80	22.37	40.00	-17.63	QP	
2	*	56.0007	44.48	-21.60	22.88	40.00	-17.12	QP	
3		146.3735	30.29	-16.12	14.17	43.50	-29.33	QP	
4		297.2241	39.14	-16.08	23.06	46.00	-22.94	QP	
5		459.1144	37.39	-14.10	23.29	46.00	-22.71	QP	
6		675.2080	32.11	-9.01	23.10	46.00	-22.90	QP	

Mode1 / Polarization: Vertical / CH: H



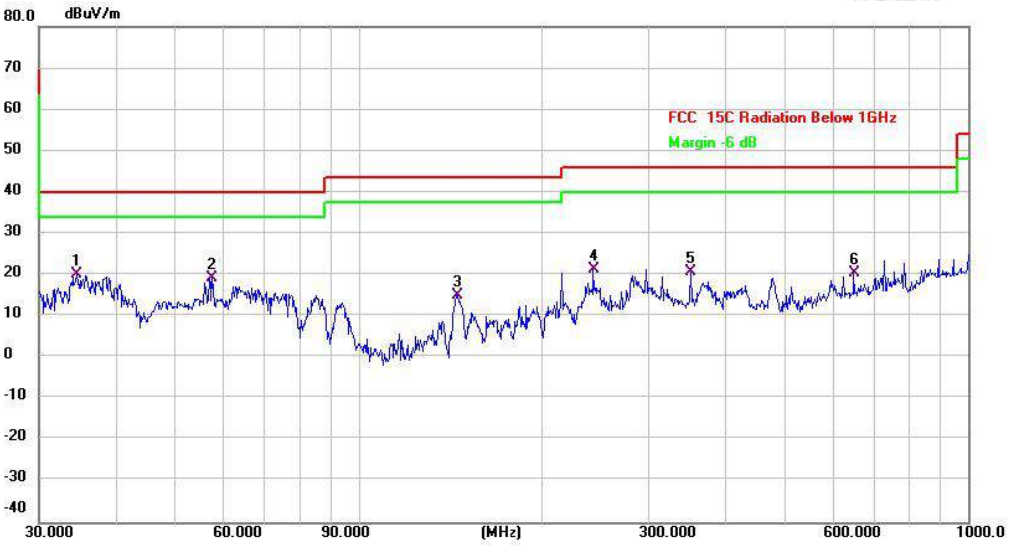
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		38.6160	35.31	-14.18	21.13	40.00	-18.87	QP	
2	*	57.5939	37.32	-16.17	21.15	40.00	-18.85	QP	
3		144.8418	35.79	-20.91	14.88	43.50	-28.62	QP	
4		216.0240	37.56	-18.27	19.29	46.00	-26.71	QP	
5		365.5391	35.59	-15.99	19.60	46.00	-26.40	QP	
6		595.1329	28.23	-10.64	17.59	46.00	-28.41	QP	

Mode2 / Polarization: Horizontal / CH: H



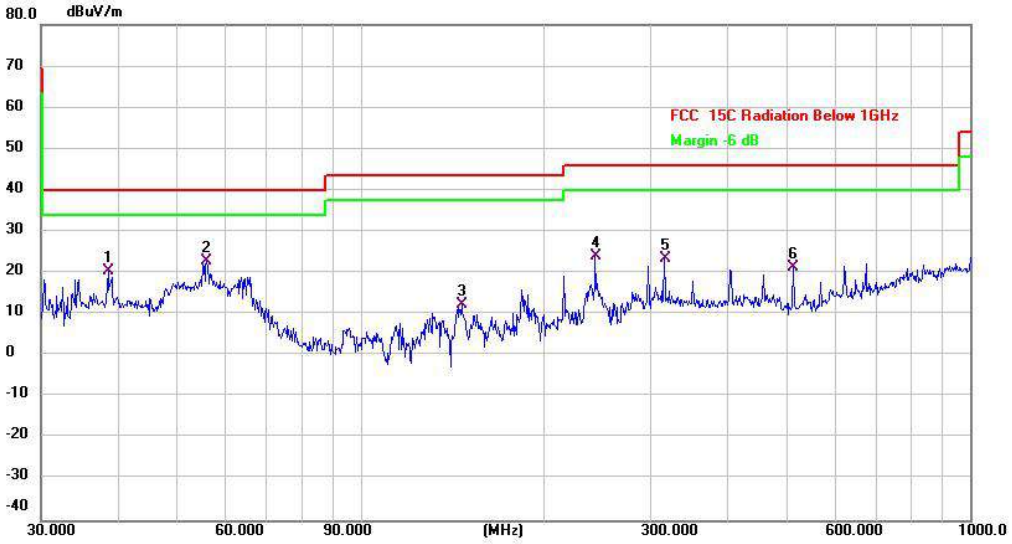
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	36.2541	48.09	-24.58	23.51	40.00	-16.49	QP	
2		56.0007	44.93	-21.60	23.33	40.00	-16.67	QP	
3		243.3772	42.23	-18.82	23.41	46.00	-22.59	QP	
4		351.7079	38.49	-15.28	23.21	46.00	-22.79	QP	
5		459.1144	37.75	-14.10	23.65	46.00	-22.35	QP	
6		675.2080	32.88	-9.01	23.87	46.00	-22.13	QP	

Mode2 / Polarization: Vertical / CH: H



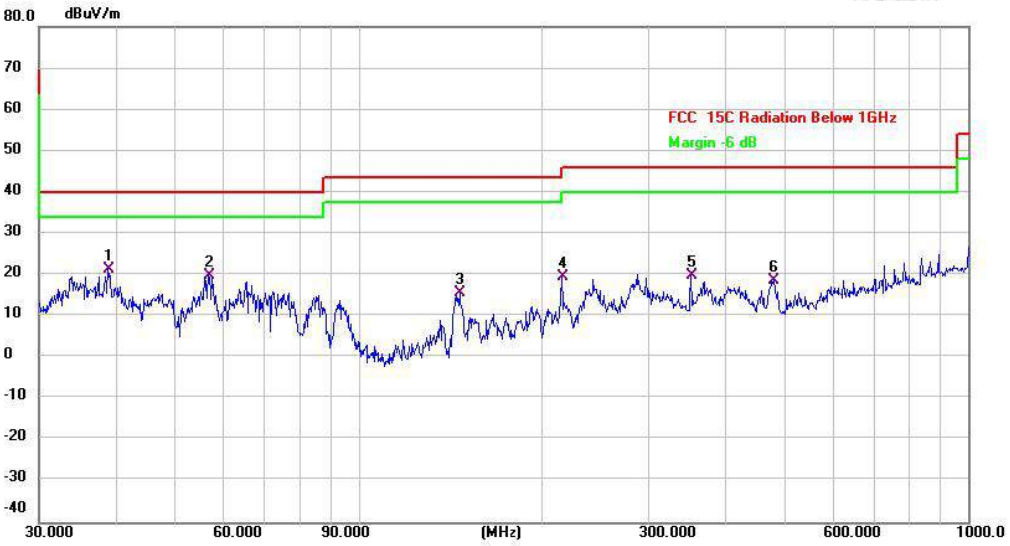
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	34.5173	34.70	-14.43	20.27	40.00	-19.73	QP	
2		57.5939	35.46	-16.17	19.29	40.00	-20.71	QP	
3		144.8418	36.08	-20.91	15.17	43.50	-28.33	QP	
4		243.3772	36.55	-15.17	21.38	46.00	-24.62	QP	
5		351.7079	36.48	-15.70	20.78	46.00	-25.22	QP	
6		649.6597	30.79	-10.33	20.46	46.00	-25.54	QP	

Mode5 / Polarization: Horizontal / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		38.6160	45.46	-25.08	20.38	40.00	-19.62	QP	
2	*	56.0007	44.50	-21.60	22.90	40.00	-17.10	QP	
3		146.3735	28.47	-16.12	12.35	43.50	-31.15	QP	
4		243.3772	42.73	-18.82	23.91	46.00	-22.09	QP	
5		315.4808	38.35	-14.93	23.42	46.00	-22.58	QP	
6		513.6331	34.51	-13.21	21.30	46.00	-24.70	QP	

Mode5 / Polarization: Vertical / CH: H



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	38.8878	35.73	-14.23	21.50	40.00	-18.50	QP	
2		56.7917	35.81	-16.09	19.72	40.00	-20.28	QP	
3		146.3735	35.33	-19.64	15.69	43.50	-27.81	QP	
4		216.0240	37.77	-18.27	19.50	46.00	-26.50	QP	
5		351.7079	35.69	-15.70	19.99	46.00	-26.01	QP	
6		480.5276	32.98	-14.28	18.70	46.00	-27.30	QP	

6.8 Undesirable emission limits (above 1GHz)

Test Requirement:	47 CFR Part 15.407(b)(1) 47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)
Test Limit:	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz. For transmitters operating solely in the 5.725-5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1] 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1] Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2] Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100 **	3
88-216	150 **	3
216-960	200 **	3
Above 960	500	3

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.
In the emission table above, the tighter limit applies at the band edges.
The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

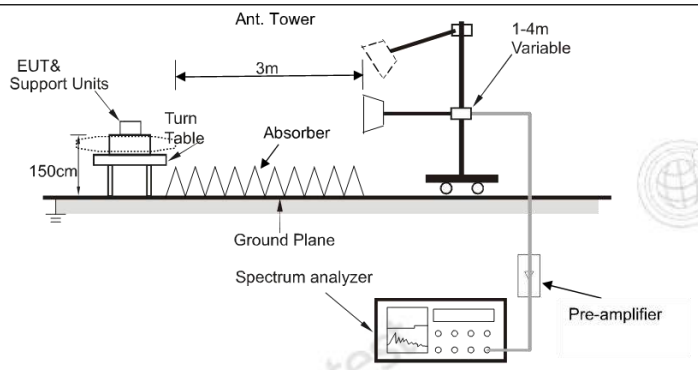
Test Method:	ANSI C63.10-2013, section 12.7.4, 12.7.6, 12.7.7
Procedure:	Above 1GHz: a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. i. Repeat above procedures until all frequencies measured was complete. Remark: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low.

	The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report. 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

6.8.1 E.U.T. Operation:

Operating Environment:					
Temperature:	19.3 °C	Humidity:	48.7 %	Atmospheric Pressure:	100 kPa
Pre test mode:	Mode1, Mode2, Mode3, Mode4, Mode5, Mode6, Mode7, Mode8, Mode9, Mode10, Mode11, Mode12, Mode13, Mode14, Mode15, Mode16, Mode17, Mode18, Mode19, Mode20, Mode21, Mode22, Mode23, Mode24, Mode25, Mode26				
Final test mode:	All of the listed pre-test mode were tested, only the data of the worst mode (Mode1, Mode2, Mode5) is recorded in the report				

6.8.2 Test Setup Diagram:



6.8.3 Test Data:

U-NII-1:

Mode1 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.89	10.33	55.22	74.00	-18.78	peak
2		10360.000	34.90	10.33	45.23	54.00	-8.77	AVG
3		15540.000	47.72	12.23	59.95	74.00	-14.05	peak
4	*	15540.000	37.44	12.23	49.67	54.00	-4.33	AVG

Mode1 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.79	10.33	55.12	74.00	-18.88	peak
2		10360.000	35.05	10.33	45.38	54.00	-8.62	AVG
3		15540.000	46.16	12.23	58.39	74.00	-15.61	peak
4	*	15540.000	35.93	12.23	48.16	54.00	-5.84	AVG

Mode1 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.34	10.38	54.72	74.00	-19.28	peak
2		10400.000	33.99	10.38	44.37	54.00	-9.63	AVG
3		15600.000	46.36	12.37	58.73	74.00	-15.27	peak
4	*	15600.000	36.22	12.37	48.59	54.00	-5.41	AVG

Mode1 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.76	10.38	55.14	74.00	-18.86	peak
2		10400.000	34.94	10.38	45.32	54.00	-8.68	AVG
3		15600.000	46.17	12.37	58.54	74.00	-15.46	peak
4	*	15600.000	36.30	12.37	48.67	54.00	-5.33	AVG

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.03	10.24	54.27	74.00	-19.73	peak
2		10480.000	34.12	10.24	44.36	54.00	-9.64	AVG
3		15720.000	46.69	12.26	58.95	74.00	-15.05	peak
4	*	15720.000	36.41	12.26	48.67	54.00	-5.33	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.53	10.24	54.77	74.00	-19.23	peak
2		10480.000	33.99	10.24	44.23	54.00	-9.77	AVG
3		15720.000	47.07	12.26	59.33	74.00	-14.67	peak
4	*	15720.000	36.41	12.26	48.67	54.00	-5.33	AVG

Mode2 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	43.83	10.33	54.16	74.00	-19.84	peak
2		10360.000	33.93	10.33	44.26	54.00	-9.74	AVG
3		15540.000	46.43	12.23	58.66	74.00	-15.34	peak
4	*	15540.000	36.44	12.23	48.67	54.00	-5.33	AVG

Mode2 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.56	10.33	54.89	74.00	-19.11	peak
2		10360.000	34.34	10.33	44.67	54.00	-9.33	AVG
3		15540.000	46.98	12.23	59.21	74.00	-14.79	peak
4	*	15540.000	37.14	12.23	49.37	54.00	-4.63	AVG

Mode2 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.37	10.38	54.75	74.00	-19.25	peak
2		10400.000	34.94	10.38	45.32	54.00	-8.68	AVG
3		15600.000	47.09	12.37	59.46	74.00	-14.54	peak
4	*	15600.000	37.30	12.37	49.67	54.00	-4.33	AVG

Mode2 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.65	10.38	55.03	74.00	-18.97	peak
2		10400.000	34.74	10.38	45.12	54.00	-8.88	AVG
3		15600.000	46.36	12.37	58.73	74.00	-15.27	peak
4	*	15600.000	36.30	12.37	48.67	54.00	-5.33	AVG

Mode2 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.71	10.24	54.95	74.00	-19.05	peak
2		10480.000	34.44	10.24	44.68	54.00	-9.32	AVG
3		15720.000	46.71	12.26	58.97	74.00	-15.03	peak
4	*	15720.000	36.33	12.26	48.59	54.00	-5.41	AVG

Mode2 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	44.75	10.24	54.99	74.00	-19.01	peak
2		10480.000	34.11	10.24	44.35	54.00	-9.65	AVG
3		15720.000	46.91	12.26	59.17	74.00	-14.83	peak
4	*	15720.000	37.31	12.26	49.57	54.00	-4.43	AVG

Mode5 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	43.99	10.33	54.32	74.00	-19.68	peak
2		10360.000	33.91	10.33	44.24	54.00	-9.76	AVG
3		15540.000	46.22	12.23	58.45	74.00	-15.55	peak
4	*	15540.000	36.36	12.23	48.59	54.00	-5.41	AVG

Mode5 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10360.000	44.03	10.33	54.36	74.00	-19.64	peak
2		10360.000	33.93	10.33	44.26	54.00	-9.74	AVG
3		15540.000	46.43	12.23	58.66	74.00	-15.34	peak
4	*	15540.000	36.28	12.23	48.51	54.00	-5.49	AVG

Mode5 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.18	10.38	54.56	74.00	-19.44	peak
2		10400.000	33.83	10.38	44.21	54.00	-9.79	AVG
3		15600.000	45.77	12.37	58.14	74.00	-15.86	peak
4	*	15600.000	35.95	12.37	48.32	54.00	-5.68	AVG

Mode5 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10400.000	44.88	10.38	55.26	74.00	-18.74	peak
2		10400.000	35.00	10.38	45.38	54.00	-8.62	AVG
3		15600.000	45.60	12.37	57.97	74.00	-16.03	peak
4	*	15600.000	35.12	12.37	47.49	54.00	-6.51	AVG

Mode5 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	43.93	10.24	54.17	74.00	-19.83	peak
2		10480.000	34.15	10.24	44.39	54.00	-9.61	AVG
3		15720.000	46.37	12.26	58.63	74.00	-15.37	peak
4	*	15720.000	36.31	12.26	48.57	54.00	-5.43	AVG

Mode5 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		10480.000	43.75	10.24	53.99	74.00	-20.01	peak
2		10480.000	37.38	10.24	47.62	54.00	-6.38	AVG
3		15720.000	46.12	12.26	58.38	74.00	-15.62	peak
4	*	15720.000	35.97	12.26	48.23	54.00	-5.77	AVG

U-NII-3:

Mode1 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.33	10.60	55.93	68.20	-12.27	peak
2		11650.000	34.63	10.60	45.23	54.00	-8.77	AVG
3		17235.000	46.62	13.79	60.41	68.20	-7.79	peak
4	*	17235.000	36.68	13.79	50.47	54.00	-3.53	AVG

Mode1 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.88	10.60	55.48	68.20	-12.72	peak
2		11650.000	34.76	10.60	45.36	54.00	-8.64	AVG
3		17235.000	45.59	13.79	59.38	68.20	-8.82	peak
4	*	17235.000	35.88	13.79	49.67	54.00	-4.33	AVG

Mode1 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	43.81	10.72	54.53	68.20	-13.67	peak
2		11570.000	33.64	10.72	44.36	54.00	-9.64	AVG
3		17355.000	46.85	14.10	60.95	68.20	-7.25	peak
4	*	17355.000	36.17	14.10	50.27	54.00	-3.73	AVG

Mode1 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.16	10.72	55.88	68.20	-12.32	peak
2		11570.000	34.66	10.72	45.38	54.00	-8.62	AVG
3		17355.000	45.40	14.10	59.50	68.20	-8.70	peak
4	*	17355.000	35.17	14.10	49.27	54.00	-4.73	AVG

Mode1 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.59	10.60	56.19	68.20	-12.01	peak
2		11650.000	35.78	10.60	46.38	54.00	-7.62	AVG
3		17475.000	45.76	14.40	60.16	68.20	-8.04	peak
4	*	17475.000	35.77	14.40	50.17	54.00	-3.83	AVG

Mode1 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.36	10.60	55.96	68.20	-12.24	peak
2		11650.000	34.89	10.60	45.49	54.00	-8.51	AVG
3		17475.000	45.90	14.40	60.30	68.20	-7.90	peak
4	*	17475.000	35.94	14.40	50.34	54.00	-3.66	AVG

Mode2 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.01	11.12	55.13	68.20	-13.07	peak
2		11490.000	34.24	11.12	45.36	54.00	-8.64	AVG
3		17235.000	45.48	13.79	59.27	68.20	-8.93	peak
4	*	17235.000	35.78	13.79	49.57	54.00	-4.43	AVG

Mode2 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.78	11.12	55.90	68.20	-12.30	peak
2		11490.000	34.26	11.12	45.38	54.00	-8.62	AVG
3		17235.000	46.37	13.79	60.16	68.20	-8.04	peak
4	*	17235.000	36.47	13.79	50.26	54.00	-3.74	AVG

Mode2 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	44.70	10.72	55.42	68.20	-12.78	peak
2		11570.000	34.51	10.72	45.23	54.00	-8.77	AVG
3		17355.000	45.54	14.10	59.64	68.20	-8.56	peak
4	*	17355.000	35.57	14.10	49.67	54.00	-4.33	AVG

Mode2 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	43.92	10.72	54.64	68.20	-13.56	peak
2		11570.000	33.67	10.72	44.39	54.00	-9.61	AVG
3		17355.000	45.53	14.10	59.63	68.20	-8.57	peak
4	*	17355.000	35.47	14.10	49.57	54.00	-4.43	AVG

Mode2 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.33	10.60	55.93	68.20	-12.27	peak
2		11650.000	34.78	10.60	45.38	54.00	-8.62	AVG
3		17475.000	46.67	14.40	61.07	68.20	-7.13	peak
4	*	17475.000	36.57	14.40	50.97	54.00	-3.03	AVG

Mode2 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.08	10.60	55.68	68.20	-12.52	peak
2		11650.000	34.88	10.60	45.48	54.00	-8.52	AVG
3		17475.000	45.33	14.40	59.73	68.20	-8.47	peak
4	*	17475.000	35.22	14.40	49.62	54.00	-4.38	AVG

Mode5 / Polarization: Horizontal / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	44.82	11.12	55.94	68.20	-12.26	peak
2		11490.000	34.26	11.12	45.38	54.00	-8.62	AVG
3		17235.000	46.09	13.79	59.88	68.20	-8.32	peak
4	*	17235.000	35.88	13.79	49.67	54.00	-4.33	AVG

Mode5 / Polarization: Vertical / CH: L

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11490.000	45.01	11.12	56.13	68.20	-12.07	peak
2		11490.000	35.35	11.12	46.47	54.00	-7.53	AVG
3		17235.000	46.01	13.79	59.80	68.20	-8.40	peak
4	*	17235.000	35.86	13.79	49.65	54.00	-4.35	AVG

Mode5 / Polarization: Horizontal / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	44.84	10.72	55.56	68.20	-12.64	peak
2		11570.000	34.60	10.72	45.32	54.00	-8.68	AVG
3		17355.000	46.50	14.10	60.60	68.20	-7.60	peak
4	*	17355.000	36.17	14.10	50.27	54.00	-3.73	AVG

Mode5 / Polarization: Vertical / CH: M

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11570.000	45.23	10.72	55.95	68.20	-12.25	peak
2		11570.000	34.51	10.72	45.23	54.00	-8.77	AVG
3		17355.000	45.80	14.10	59.90	68.20	-8.30	peak
4	*	17355.000	35.57	14.10	49.67	54.00	-4.33	AVG

Mode5 / Polarization: Horizontal / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	44.86	10.60	55.46	68.20	-12.74	peak
2		11650.000	34.66	10.60	45.26	54.00	-8.74	AVG
3		17475.000	45.23	14.40	59.63	68.20	-8.57	peak
4	*	17475.000	35.17	14.40	49.57	54.00	-4.43	AVG

Mode5 / Polarization: Vertical / CH: H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		11650.000	45.17	10.60	55.77	68.20	-12.43	peak
2		11650.000	34.68	10.60	45.28	54.00	-8.72	AVG
3		17475.000	45.26	14.40	59.66	68.20	-8.54	peak
4	*	17475.000	35.07	14.40	49.47	54.00	-4.53	AVG

Photographs of the test setup

Refer to Appendix - Test Setup Photos

Photographs of the EUT

Refer to Appendix - EUT Photos

Appendix

Appendix A1: Emission bandwidth (26dB bandwidth)

Test Result

Test Mode	Antenna	Frequency [MHz]	26db EBW [MHz]
11A	Ant1	5180	18.760
	Ant2	5180	19.520
	Ant1	5200	19.040
	Ant2	5200	18.920
	Ant1	5240	18.400
	Ant2	5240	18.440
	Ant1	5745	19.360
	Ant2	5745	19.560
	Ant1	5785	18.400
	Ant2	5785	18.480
	Ant1	5825	18.680
	Ant2	5825	18.680
11N20SISO	Ant1	5180	20.000
	Ant2	5180	19.960
	Ant1	5200	19.880
	Ant2	5200	20.200
	Ant1	5240	20.400
	Ant2	5240	20.000
	Ant1	5745	19.840
	Ant2	5745	19.920
	Ant1	5785	20.080
	Ant2	5785	20.000
	Ant1	5825	19.840
	Ant2	5825	19.920
11N40SISO	Ant1	5190	39.360
	Ant2	5190	39.680
	Ant1	5230	39.440
	Ant2	5230	39.280
	Ant1	5755	40.240
	Ant2	5755	39.360
	Ant1	5795	40.480
	Ant2	5795	39.600
11AC20SISO	Ant1	5180	19.920
	Ant2	5180	19.880
	Ant1	5200	20.000
	Ant2	5200	20.000
	Ant1	5240	20.120
	Ant2	5240	20.160
	Ant1	5745	20.080
	Ant2	5745	19.800
	Ant1	5785	20.160
	Ant2	5785	19.760
	Ant1	5825	20.160
	Ant2	5825	19.800
11AC40SISO	Ant1	5190	39.680
	Ant2	5190	39.280
	Ant1	5230	39.840
	Ant2	5230	39.600
	Ant1	5755	40.400
	Ant2	5755	39.520
	Ant1	5795	39.920
	Ant2	5795	39.280
11AC80SISO	Ant1	5210	79.840
	Ant2	5210	80.640
	Ant1	5775	80.640

	Ant2	5775	80.320
11AX20SISO	Ant1	5180	20.560
	Ant2	5180	20.360
	Ant1	5200	20.920
	Ant2	5200	19.960
	Ant1	5240	20.480
	Ant2	5240	20.360
	Ant1	5745	20.520
	Ant2	5745	20.800
	Ant1	5785	20.840
	Ant2	5785	20.640
	Ant1	5825	20.640
	Ant2	5825	20.600
11AX40SISO	Ant1	5190	40.240
	Ant2	5190	39.840
	Ant1	5230	40.160
	Ant2	5230	40.160
	Ant1	5755	39.680
	Ant2	5755	39.840
	Ant1	5795	39.920
	Ant2	5795	40.240
11AX80SISO	Ant1	5210	81.920
	Ant2	5210	81.280
	Ant1	5775	80.640
	Ant2	5775	80.960
11N20MIMO	Ant1	5180	20.240
	Ant2	5180	19.880
	Ant1	5200	20.080
	Ant2	5200	19.560
	Ant1	5240	20.080
	Ant2	5240	19.760
	Ant1	5745	20.000
	Ant2	5745	34.600
	Ant1	5785	20.000
	Ant2	5785	19.520
	Ant1	5825	19.720
	Ant2	5825	20.040
11N40MIMO	Ant1	5190	39.920
	Ant2	5190	39.680
	Ant1	5230	39.680
	Ant2	5230	39.200
	Ant1	5755	40.080
	Ant2	5755	39.440
	Ant1	5795	39.360
	Ant2	5795	39.040
11AC20MIMO	Ant1	5180	20.280
	Ant2	5180	20.240
	Ant1	5200	20.320
	Ant2	5200	19.840
	Ant1	5240	20.120
	Ant2	5240	20.280
	Ant1	5745	19.960
	Ant2	5745	31.280
	Ant1	5785	20.120
	Ant2	5785	19.440
	Ant1	5825	19.960
	Ant2	5825	20.040
11AC40MIMO	Ant1	5190	39.440
	Ant2	5190	39.280
	Ant1	5230	39.440
	Ant2	5230	39.280
	Ant1	5755	39.520

	Ant2	5755	39.760
	Ant1	5795	39.040
	Ant2	5795	39.120
11AC80MIMO	Ant1	5210	80.320
	Ant2	5210	80.160
	Ant1	5775	80.960
	Ant2	5775	80.960
11AX20MIMO	Ant1	5180	20.720
	Ant2	5180	20.240
	Ant1	5200	20.680
	Ant2	5200	20.880
	Ant1	5240	20.880
	Ant2	5240	20.760
	Ant1	5745	20.600
	Ant2	5745	20.880
	Ant1	5785	20.320
	Ant2	5785	20.320
	Ant1	5825	20.520
	Ant2	5825	20.680
11AX40MIMO	Ant1	5190	40.320
	Ant2	5190	40.240
	Ant1	5230	39.600
	Ant2	5230	39.600
	Ant1	5755	39.600
	Ant2	5755	40.000
	Ant1	5795	39.760
	Ant2	5795	39.680
11AX80MIMO	Ant1	5210	80.800
	Ant2	5210	81.120
	Ant1	5775	81.280
	Ant2	5775	80.480

Test Graphs

11A_Ant1_5180

11A_Ant2_5180

11A_Ant1_5200

11A_Ant2_5200

11A_Ant1_5240

11A_Ant2_5240

11A_Ant1_5745

11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785

11A_Ant1_5825

11A_Ant2_5825

11N20SISO_Ant1_5180

11N20SISO_Ant2_5180

11N20SISO_Ant1_5200

11N20SISO_Ant2_5200

11N20SISO_Ant1_5240

11N20SISO_Ant2_5240

11N20SISO_Ant1_5745

11N20SISO_Ant2_5745

11N20SISO_Ant1_5785

11N20SISO_Ant2_5785

11N20SISO_Ant1_5825

11N20SISO_Ant2_5825

11N40SISO_Ant1_5190

11N40SISO_Ant2_5190

11N40SISO_Ant1_5230

11N40SISO_Ant2_5230

11N40SISO_Ant1_5755

11N40SISO_Ant2_5755

11N40SISO_Ant1_5795

11N40SISO_Ant2_5795

11AC20SISO_Ant1_5180

11AC20SISO_Ant2_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant2_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant2_5240

11AC20SISO_Ant1_5745

11AC20SISO_Ant2_5745

11AC20SISO_Ant1_5785

11AC20SISO_Ant2_5785

11AC20SISO_Ant1_5825

11AC20SISO_Ant2_5825

11AC40SISO_Ant1_5190