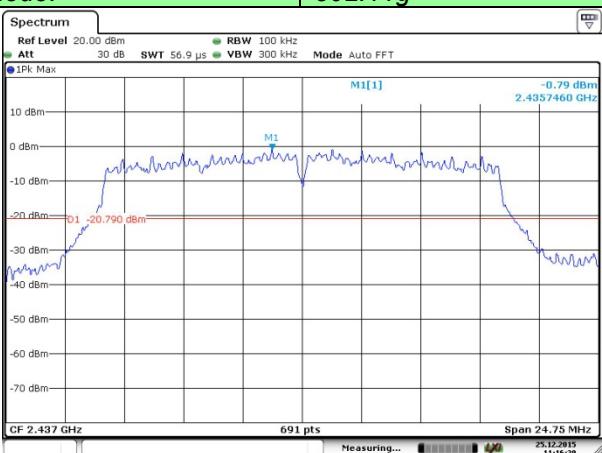
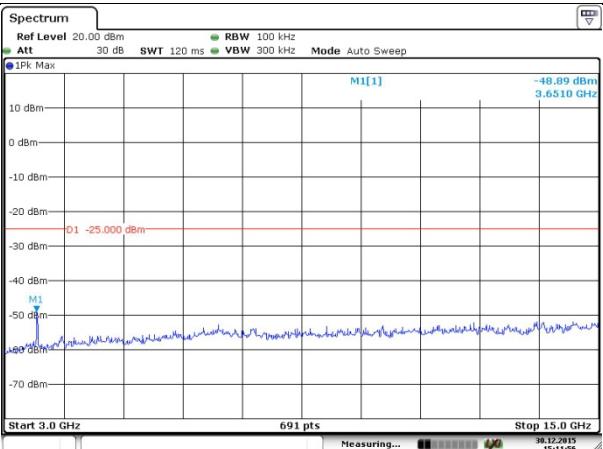
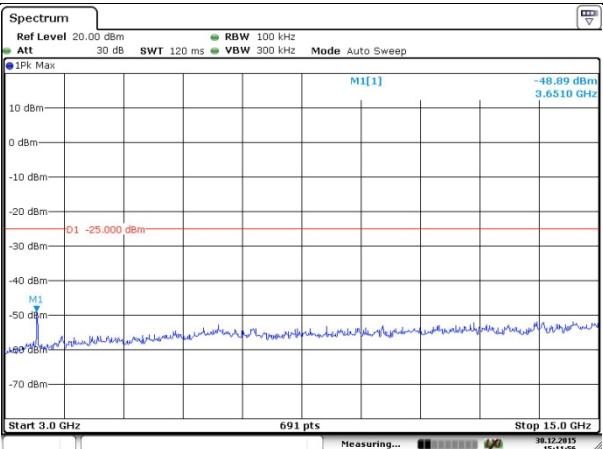
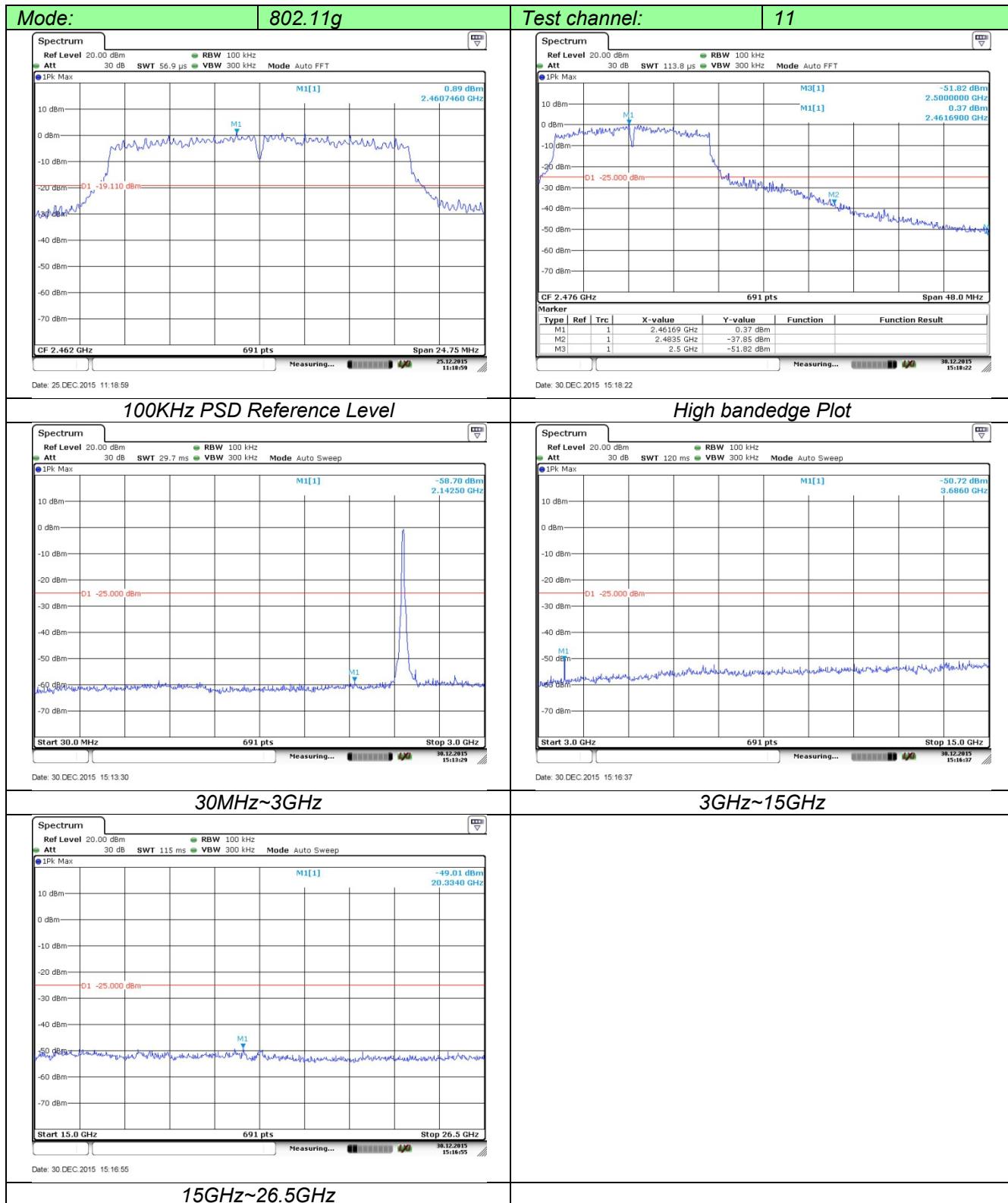
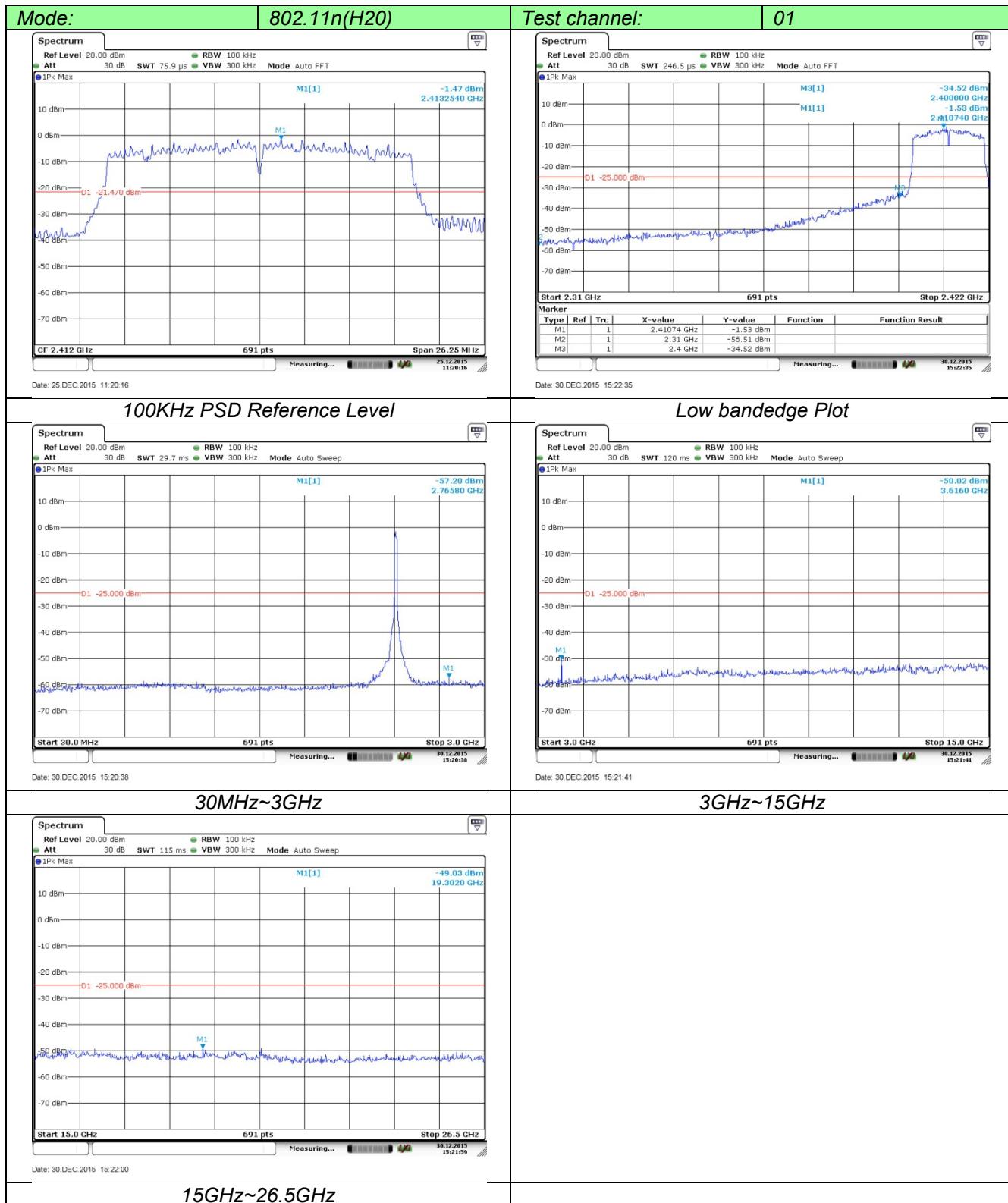
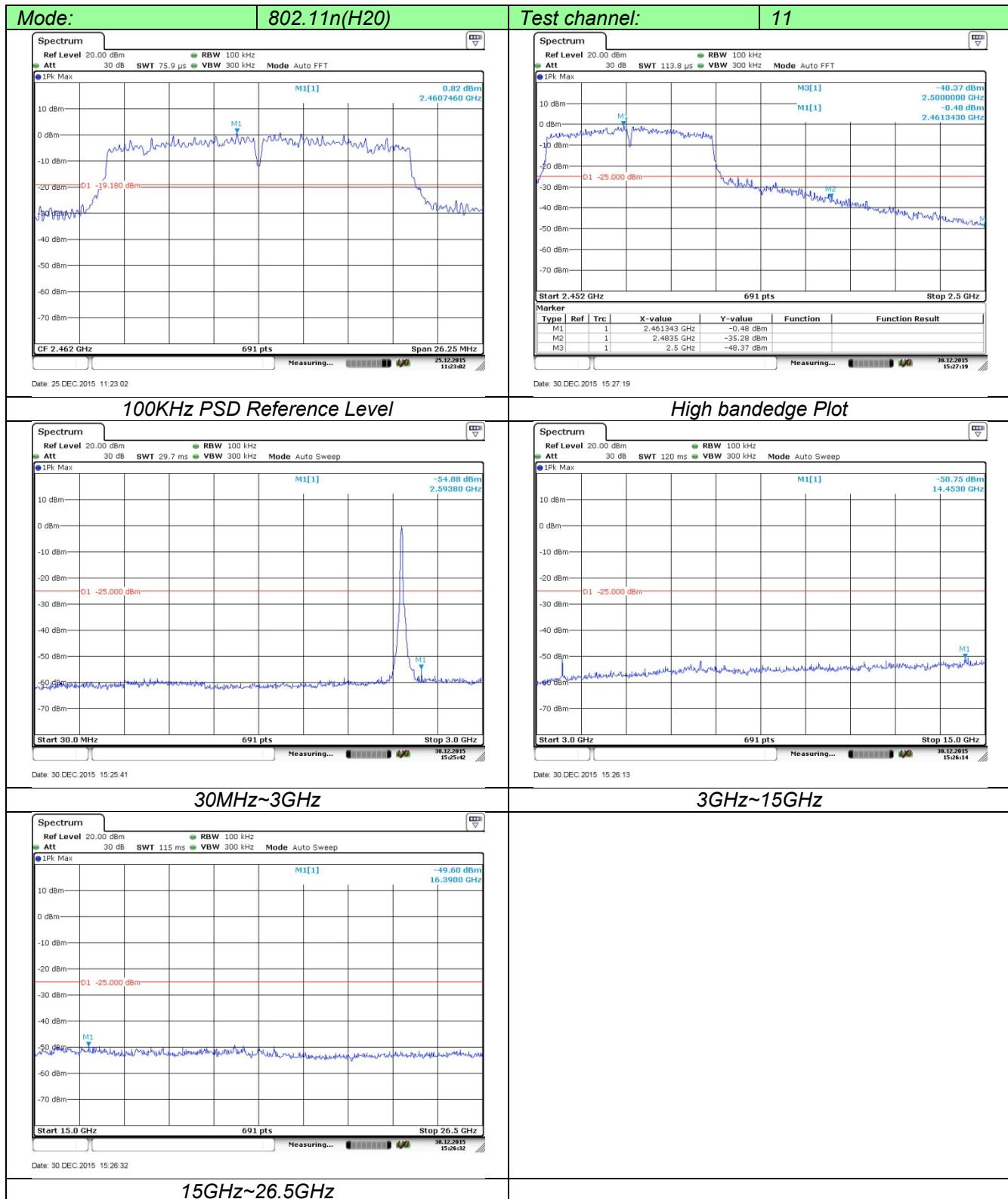


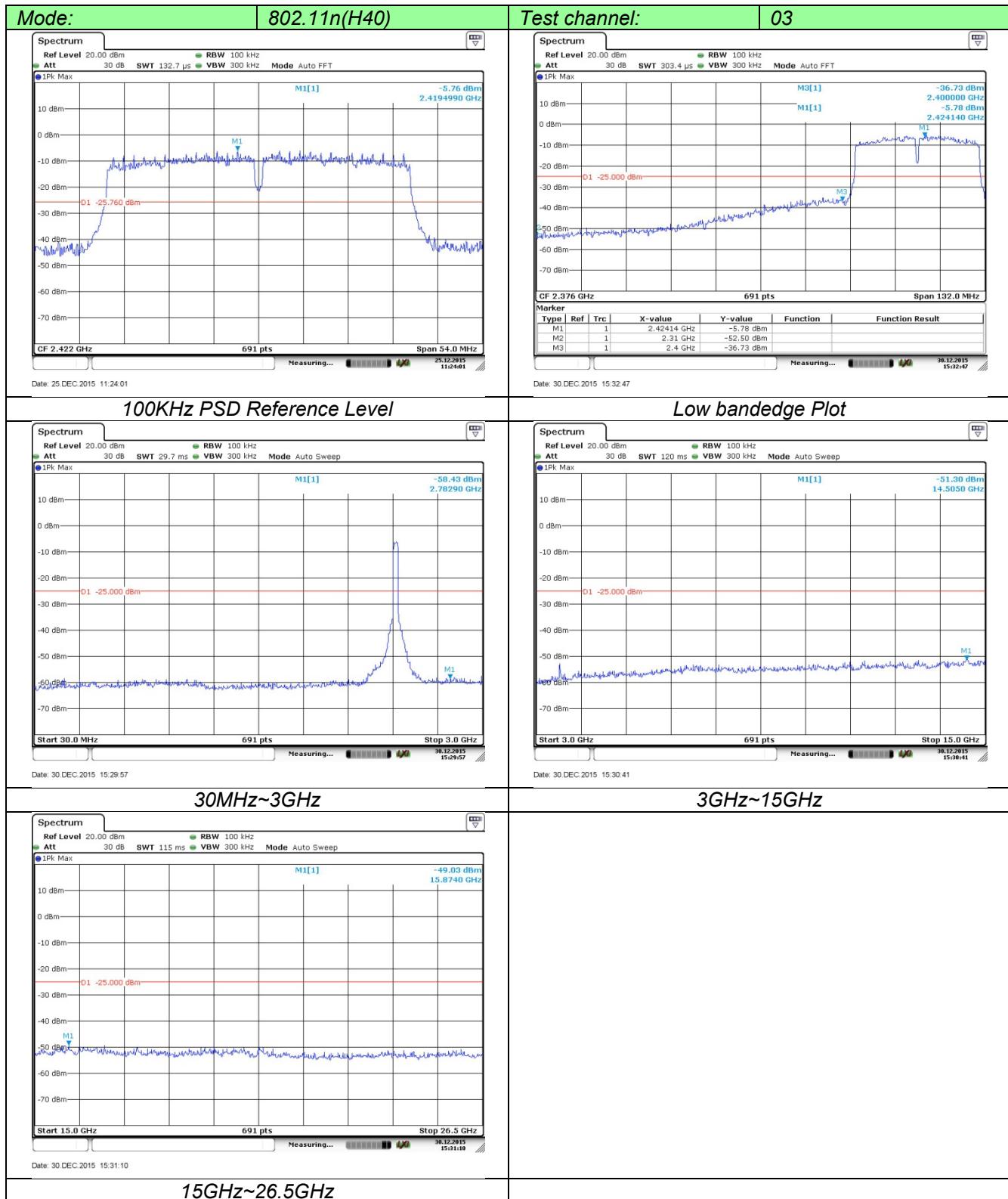
Mode:	802.11g	Test channel:	06
	 <p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 56.9 μs VBW 300 kHz Mode Auto FFT 1Pk Max</p> <p>M1[1] -0.79 dBm 2.4357460 GHz</p> <p>CF 2.437 GHz 691 pts Span 24.75 MHz</p> <p>Date: 25.DEC.2015 11:16:29</p>		
	100KHz PSD Reference Level	/	 <p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 29.7 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -59.39 dBm 2.04800 GHz</p> <p>Start 30.0 MHz 691 pts Stop 3.0 GHz</p> <p>Date: 30.DEC.2015 15:09:50</p>
	30MHz~3GHz	3GHz~15GHz	 <p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 115 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -49.08 dBm 15.9740 GHz</p> <p>Start 15.0 GHz 691 pts Stop 26.5 GHz</p> <p>Date: 30.DEC.2015 15:12:18</p>
	15MHz~26.5GHz		



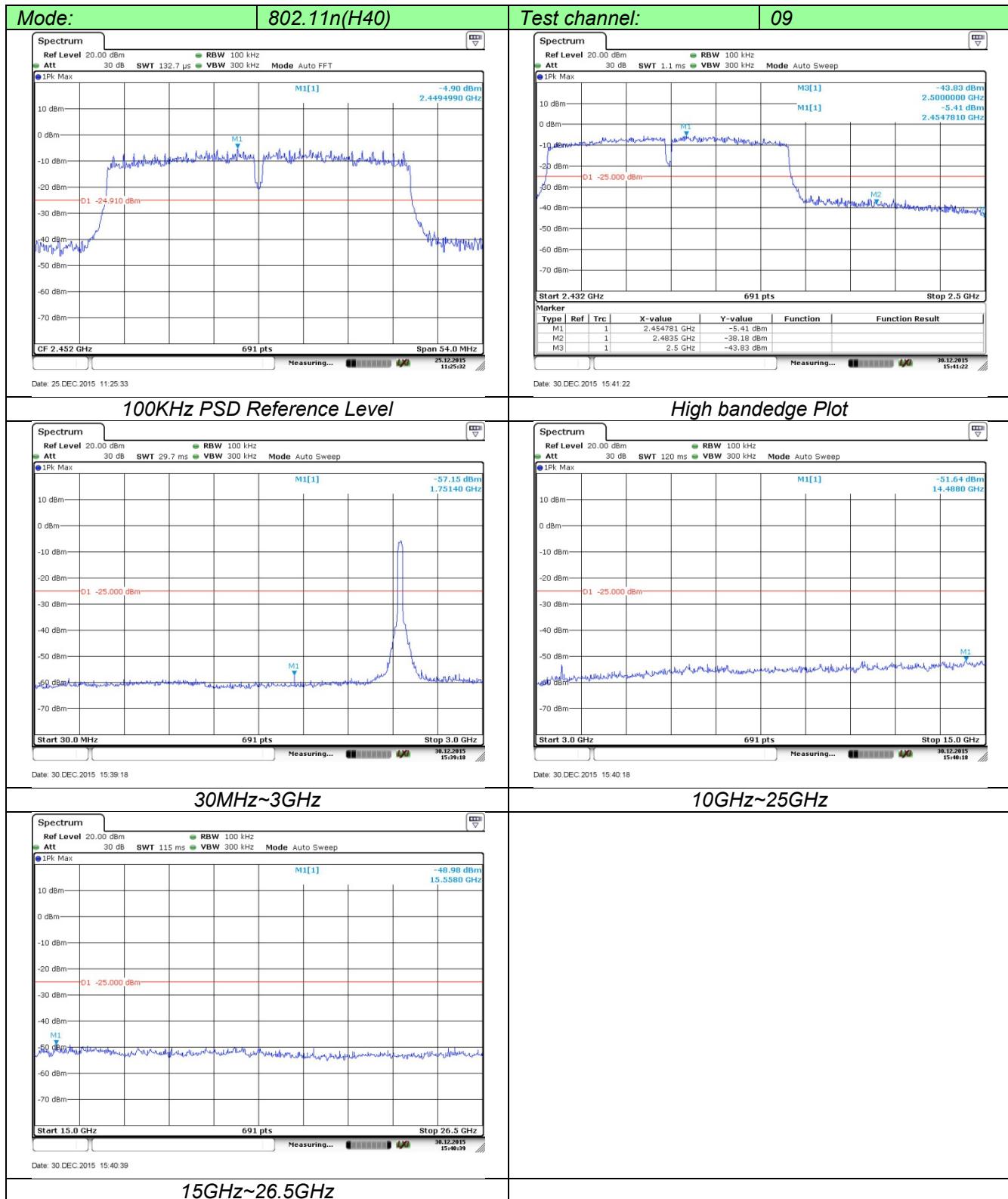


Mode:	802.11n(H20)	Test channel:	06
	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 75.9 μs VBW 300 kHz Mode Auto FFT 1Pk Max</p> <p>M1[1] -0.67 dBm 2.4357460 GHz</p> <p>D1 -20.730 dBm</p> <p>CF 2.437 GHz 691 pts Span 26.25 MHz</p> <p>Date: 25.DEC.2015 11:22:03</p>		
	100KHz PSD Reference Level	/	
	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 29.7 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -60.23 dBm 1.95770 GHz</p> <p>D1 -25.000 dBm</p> <p>Start 30.0 MHz 691 pts Stop 3.0 GHz</p> <p>Date: 30.DEC.2015 15:23:18</p>	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 120 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -50.28 dBm 3.6510 GHz</p> <p>D1 -25.000 dBm</p> <p>Start 3.0 GHz 691 pts Stop 15.0 GHz</p> <p>Date: 30.DEC.2015 15:23:47</p>	
	30MHz~10GHz	10GHz~25GHz	
	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 115 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -49.15 dBm 20.0840 GHz</p> <p>D1 -25.000 dBm</p> <p>Start 15.0 GHz 691 pts Stop 26.5 GHz</p> <p>Date: 30.DEC.2015 15:24:13</p>		
	15GHz~26.5GHz		





Mode:	802.11n(H40)	Test channel:	06
	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 132.7 μs VBW 300 kHz Mode Auto FFT 1Pk Max</p> <p>M1[1] -3.70 dBm 2.434990 GHz</p> <p>D1 -23.700 dBm</p> <p>Date: 25.DEC.2015 11:25:00</p>		
	100KHz PSD Reference Level	/	
	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 29.7 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -56.51 dBm 1.05510 GHz</p> <p>D1 -25.000 dBm</p> <p>Date: 30.DEC.2015 15:34:48</p>	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 120 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -50.77 dBm 14.4010 GHz</p> <p>D1 -25.000 dBm</p> <p>Date: 30.DEC.2015 15:35:10</p>	
	30MHz~3GHz	3GHz~15GHz	
	<p>Spectrum Ref Level 20.00 dBm RBW 100 kHz Att 30 dB SWT 115 ms VBW 300 kHz Mode Auto Sweep 1Pk Max</p> <p>M1[1] -49.34 dBm 16.2230 GHz</p> <p>D1 -25.000 dBm</p> <p>N1 -50.000 dBm</p> <p>Date: 30.DEC.2015 15:35:44</p>		
	15GHz~26.5GHz		



4.8. Spurious Emission (radiated)

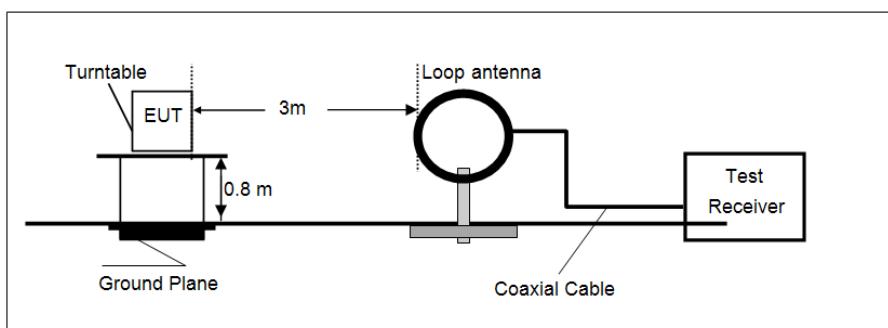
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

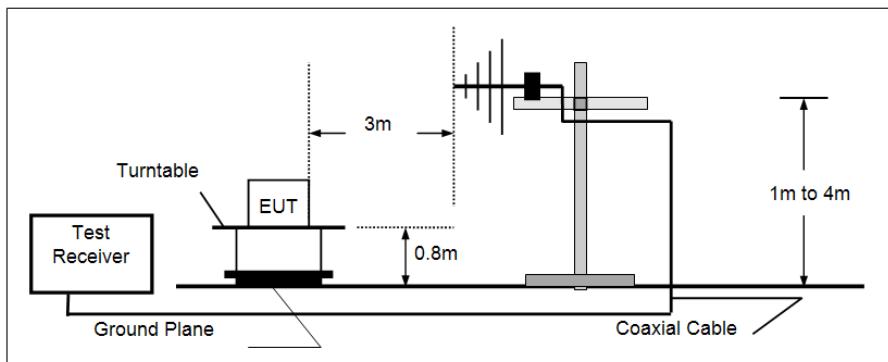
Frequency	Limit (dB _{UV} /m @3m)	Value
30MHz-88MHz	40.00	Quasi-peak
88MHz-216MHz	43.50	Quasi-peak
216MHz-960MHz	46.00	Quasi-peak
960MHz-1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
	74.00	Peak

TEST CONFIGURATION

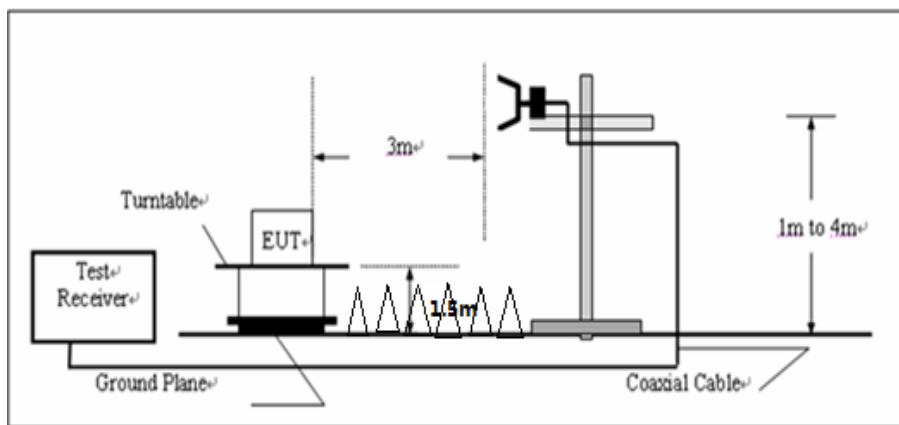
- 9KHz ~30MHz



- 30MHz ~ 1GHz



- Above 1GHz



TEST PROCEDURE

1. The EUT was setup and tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1GHz, and 1.5m for above 1GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
5. Use the following spectrum analyzer settings
 - (1) Span shall be wide enough to fully capture the emission being measured;
 - (2) Below 1GHz, RBW=120KHz, VBW=300KHz, Sweep=auto, Detector function=peak, Trace=max hold;
If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - (3) Above 1GHz, RBW=1MHz, VBW=3MHz for Peak value
RBW=1MHz, VBW=10Hz for Average value.

TEST RESULTS

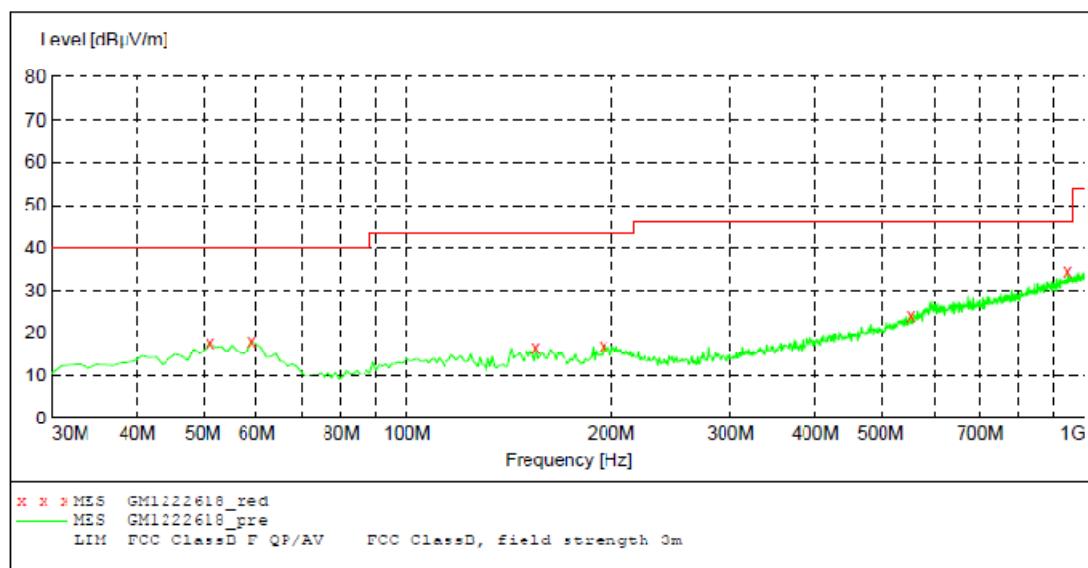
Noted:

Below 1GHz, Have pre-scan all modulation mode, found the 802.11b mode which it was worst case, so only the worst case's data on the test report.

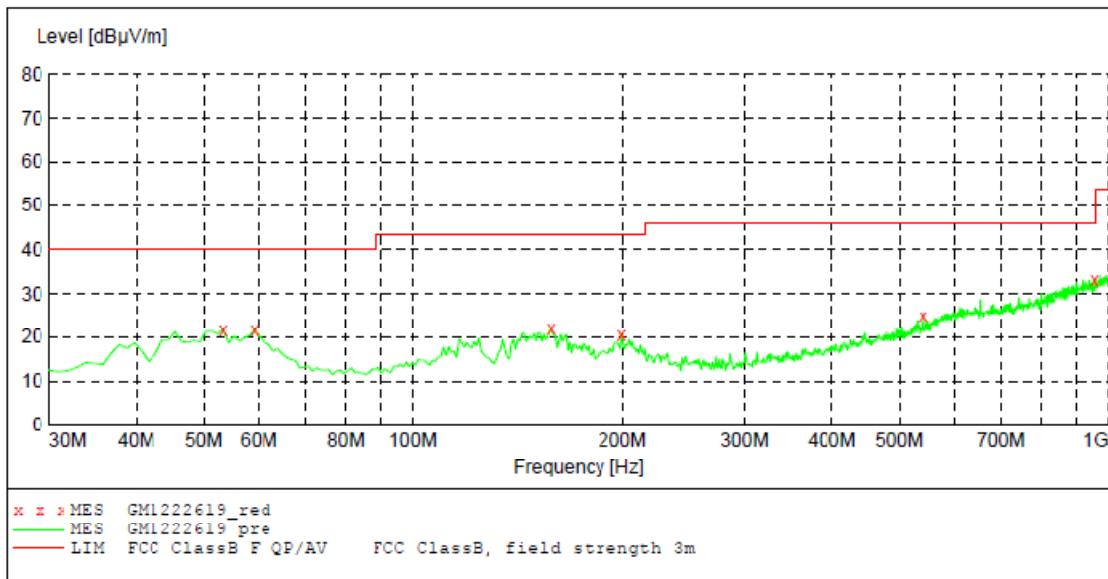
Measurement data:**■ 9kHz ~ 30MHz**

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

■ 30MHz ~ 1GHz

**MEASUREMENT RESULT: "GM1222618_red"**

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
51.340000	17.50	-14.4	40.0	22.5	QP	300.0	67.00	HORIZONTAL
59.100000	17.90	-15.0	40.0	22.1	QP	300.0	52.00	HORIZONTAL
155.130000	16.40	-17.5	43.5	27.1	QP	100.0	107.00	HORIZONTAL
194.900000	17.00	-14.1	43.5	26.5	QP	300.0	267.00	HORIZONTAL
553.800000	24.20	-4.7	46.0	21.8	QP	300.0	67.00	HORIZONTAL
942.770000	34.50	3.5	46.0	11.5	QP	100.0	360.00	HORIZONTAL

**MEASUREMENT RESULT: "GM1222619_red"**

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
53.280000	21.70	-14.6	40.0	18.3	QP	100.0	42.00	VERTICAL
59.100000	21.70	-15.0	40.0	18.3	QP	100.0	158.00	VERTICAL
158.040000	21.80	-17.3	43.5	21.7	QP	100.0	257.00	VERTICAL
199.750000	20.60	-13.6	43.5	22.9	QP	100.0	214.00	VERTICAL
540.220000	24.70	-5.3	46.0	21.3	QP	100.0	201.00	VERTICAL
955.380000	33.30	3.7	46.0	12.7	QP	100.0	103.00	VERTICAL

■ Above 1GHz

CH01 for 802.11b									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4824.00	49.74	29.18	8.61	37.99	49.54	74.00	-24.46	Vertical	Peak
7236.00	37.31	36.17	10.95	38.15	46.28	74.00	-27.72	Vertical	
9648.00	35.16	38.2	12.17	38.08	47.45	74.00	-26.55	Vertical	
13126.25	*					74.00		Vertical	
4824.00	42.41	32	9.53	38.39	45.55	74.00	-28.45	Horizontal	
7236.00	48.8	35.92	6.94	35.18	56.48	74.00	-28.16	Horizontal	
9648.00	37.03	38.2	12.17	38.08	49.32	74.00	-24.68	Horizontal	
13126.25	*					74.00		Horizontal	
4824.00	41.78	29.18	8.61	37.99	41.58	54.00	-12.42	Vertical	Average
7236.00	30.48	36.17	10.95	38.15	39.45	54.00	-14.55	Vertical	
9648.00	28.09	38.2	12.17	38.08	40.38	54.00	-13.62	Vertical	
13126.25	0					54.00		Vertical	
4824.00	36.34	32	9.53	38.39	39.48	54.00	-14.52	Horizontal	
7236.00	40	35.92	6.94	35.18	47.68	54.00	-6.32	Horizontal	
9648.00	29.36	38.2	12.17	38.08	41.65	54.00	-12.35	Horizontal	
13126.25	*					54.00		Horizontal	

CH06 for 802.11b									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4874.00	47.09	30.91	8.99	38.34	48.65	74.00	-25.35	Vertical	Peak
7311.00	37.59	35.44	10.53	38.02	45.54	74.00	-28.46	Vertical	
9748.00	35.34	38.02	12.17	38.08	47.45	74.00	-26.55	Vertical	
12300.24	*					74.00		Vertical	
4874.00	44.5	30.24	8.81	38.17	45.38	74.00	-28.62	Horizontal	
7311.00	47.79	35.44	10.53	38.02	55.74	74.00	-18.26	Horizontal	
9748.00	37.34	38.2	12.17	38.08	49.63	74.00	-24.37	Horizontal	
12300.24	*					74.00		Horizontal	
4874.00	38.69	30.91	8.99	38.34	40.25	54.00	-13.75	Vertical	Average
7311.00	31.68	35.44	10.53	38.02	39.63	54.00	-14.37	Vertical	
9748.00	28.36	38.02	12.17	38.08	40.47	54.00	-13.53	Vertical	
12300.24	0					54.00		Vertical	
4874.00	38.44	30.24	8.81	38.17	39.32	54.00	-14.68	Horizontal	
7311.00	38.7	35.44	10.53	38.02	46.65	54.00	-7.35	Horizontal	
9748.00	28.09	38.2	12.17	38.08	40.38	54.00	-13.62	Horizontal	
12300.24	*					54.00		Horizontal	

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. “*” means this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

CH11 for 802.11b									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4924.00	46.50	31.17	9.31	38.62	48.36	74.00	-25.64	Vertical	Peak
7386.00	36.80	36.72	11.24	38.24	46.52	74.00	-27.48	Vertical	
9848.00	35.79	38.33	12.39	38.12	48.39	74.00	-25.61	Vertical	
11214.57	*					74.00		Vertical	
4924.00	43.89	31.17	9.31	38.62	45.75	74.00	-28.25	Horizontal	
7386.00	46.14	36.13	10.93	38.14	55.06	74.00	-18.94	Horizontal	
9848.00	35.83	38.33	12.39	38.12	48.43	74.00	-25.57	Horizontal	
11214.57	*					74.00		Horizontal	
4924.00	38.39	31.17	9.31	38.62	40.25	54.00	-13.75	Vertical	Average
7386.00	29.66	36.72	11.24	38.24	39.38	54.00	-14.62	Vertical	
9848.00	28.04	38.33	12.39	38.12	40.64	54.00	-13.36	Vertical	
11214.57	*					54.00		Vertical	
4924.00	37.73	31.17	9.31	38.62	39.59	54.00	-14.41	Horizontal	
7386.00	37.51	36.13	10.93	38.14	46.43	54.00	-7.57	Horizontal	
9848.00	27.46	38.33	12.39	38.12	40.06	54.00	-13.94	Horizontal	
11214.57	*					54.00		Horizontal	

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. “*”, means this data is the too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

CH01 for 802.11g									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4824.00	42.65	29.18	8.61	37.99	42.45	74.00	-31.55	Vertical	Peak
7236.00	34.61	36.17	10.95	38.15	43.58	74.00	-30.42	Vertical	
9648.00	35.06	38.2	12.17	38.08	47.35	74.00	-26.65	Vertical	
12060.00	*					74.00		Vertical	
4824.00	39.11	32	9.53	38.39	42.25	74.00	-31.75	Horizontal	
7236.00	35.57	35.92	6.94	35.18	43.25	74	-28.16	Horizontal	
9648.00	36.40	38.2	12.17	38.08	48.69	74.00	-25.31	Horizontal	
12060.00	*					74.00		Horizontal	
4824.00	37.67	29.18	8.61	37.99	37.47	54.00	-16.53	Vertical	Average
7236.00	28.11	36.17	10.95	38.15	37.08	54.00	-16.92	Vertical	
9648.00	27.03	38.2	12.17	38.08	39.32	54.00	-14.68	Vertical	
12060.00	*					54.00		Vertical	
4824.00	34.22	32	9.53	38.39	37.36	54.00	-16.64	Horizontal	
7236.00	29.91	35.92	6.94	35.18	37.59	54.00	-16.41	Horizontal	
9648.00	27.09	38.2	12.17	38.08	39.38	54.00	-14.62	Horizontal	
12060.00	*					54.00		Horizontal	
CH06 for 802.11g									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4874.00	40.87	30.91	8.99	38.34	42.43	74.00	-31.57	Vertical	Peak
7311.00	35.34	35.44	10.53	38.02	43.29	74.00	-30.71	Vertical	
9748.00	35.21	38.02	12.17	38.08	47.32	74.00	-26.68	Vertical	
12185.00	*					74.00		Vertical	
4874.00	41.48	30.24	8.81	38.17	42.36	74.00	-31.64	Horizontal	
7311.00	35.51	35.44	10.53	38.02	43.46	74.00	-30.54	Horizontal	
9748.00	36.08	38.2	12.17	38.08	48.37	74.00	-25.63	Horizontal	
12185.00	*					74.00		Horizontal	
4874.00	35.68	30.91	8.99	38.34	37.24	54.00	-16.76	Vertical	Average
7311.00	29.41	35.44	10.53	38.02	37.36	54.00	-16.64	Vertical	
9748.00	28.25	38.02	12.17	38.08	40.36	54.00	-13.64	Vertical	
12185.00	*					54.00		Vertical	
4874.00	36.59	30.24	8.81	38.17	37.47	54.00	-16.53	Horizontal	
7311.00	29.63	35.44	10.53	38.02	37.58	54.00	-16.42	Horizontal	
9748.00	28.07	38.2	12.17	38.08	40.36	54.00	-13.64	Horizontal	
12185.00	*					54.00		Horizontal	

Remark:

4. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
5. ***, means this data is the too weak instrument of signal is unable to test.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

CH11 for 802.11g									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4924.00	40.78	31.17	9.31	38.62	42.64	74.00	-31.36	Vertical	Peak
7386.00	33.53	36.72	11.24	38.24	43.25	74.00	-30.75	Vertical	
9848.00	35.15	38.33	12.39	38.12	47.75	74.00	-26.25	Vertical	
12310.00	*					74.00		Vertical	
4924.00	41.78	31.17	9.31	38.62	43.64	74.00	-30.36	Horizontal	
7386.00	34.33	36.13	10.93	38.14	43.25	74.00	-30.75	Horizontal	
9848.00	35.04	38.33	12.39	38.12	47.64	74.00	-26.36	Horizontal	
12310.00	*					74.00		Horizontal	
4924.00	35.43	31.17	9.31	38.62	37.29	54.00	-16.71	Vertical	Average
7386.00	27.64	36.72	11.24	38.24	37.36	54.00	-16.64	Vertical	
9848.00	26.48	38.33	12.39	38.12	39.08	54.00	-14.92	Vertical	
12310.00	*					54.00		Vertical	
4924.00	35.57	31.17	9.31	38.62	37.43	54.00	-16.57	Horizontal	
7386.00	30.02	36.13	10.93	38.14	38.94	54.00	-15.06	Horizontal	
9848.00	26.48	38.33	12.39	38.12	39.08	54.00	-14.92	Horizontal	
12310.00	*					54.00		Horizontal	

Remark:

4. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
5. “*”, means this data is the too weak instrument of signal is unable to test.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

CH01 for 802.11n(H20)									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4824.00	40.28	29.18	8.61	37.99	40.08	74.00	-33.92	Vertical	Peak
7236.00	34.28	36.17	10.95	38.15	43.25	74.00	-30.75	Vertical	
9648.00	35.07	38.2	12.17	38.08	47.36	74.00	-26.64	Vertical	
12060.00	*					74.00		Vertical	
4824.00	38.11	32	9.53	38.39	41.25	74.00	-32.75	Horizontal	
7236.00	35.66	35.92	6.94	35.18	43.34	74	-28.16	Horizontal	
9648.00	35.29	38.2	12.17	38.08	47.58	74.00	-26.42	Horizontal	
12060.00	*					74.00		Horizontal	
4824.00	35.68	29.18	8.61	37.99	35.48	54.00	-18.52	Vertical	Average
7236.00	28.55	36.17	10.95	38.15	37.52	54.00	-16.48	Vertical	
9648.00	27.57	38.2	12.17	38.08	39.86	54.00	-14.14	Vertical	
12060.00	*					54.00		Vertical	
4824.00	32.11	32	9.53	38.39	35.25	54.00	-18.75	Horizontal	
7236.00	30.01	35.92	6.94	35.18	37.69	54.00	-16.31	Horizontal	
9648.00	27.57	38.2	12.17	38.08	39.86	54.00	-14.14	Horizontal	
12060.00	*					54.00		Horizontal	

CH06 for 802.11n(H20)									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4874.00	38.49	30.91	8.99	38.34	40.05	74.00	-33.95	Vertical	Peak
7311.00	35.07	35.44	10.53	38.02	43.02	74.00	-30.98	Vertical	
9748.00	35.41	38.02	12.17	38.08	47.52	74.00	-26.48	Vertical	
12185.00	*					74.00		Vertical	
4874.00	40.48	30.24	8.81	38.17	41.36	74.00	-32.64	Horizontal	
7311.00	36.13	35.44	10.53	38.02	44.08	74.00	-29.92	Horizontal	
9748.00	35.23	38.2	12.17	38.08	47.52	74.00	-26.48	Horizontal	
12185.00	*					74.00		Horizontal	
4874.00	33.70	30.91	8.99	38.34	35.26	54.00	-18.74	Vertical	Average
7311.00	29.48	35.44	10.53	38.02	37.43	54.00	-16.57	Vertical	
9748.00	27.27	38.02	12.17	38.08	39.38	54.00	-14.62	Vertical	
12185.00	0.00					54.00		Vertical	
4874.00	34.77	30.24	8.81	38.17	35.65	54.00	-18.35	Horizontal	
7311.00	30.11	35.44	10.53	38.02	38.06	54.00	-15.94	Horizontal	
9748.00	27.25	38.2	12.17	38.08	39.54	54.00	-14.46	Horizontal	
12185.00	*					54.00		Horizontal	

Remark:

7. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
8. **, means this data is the too weak instrument of signal is unable to test.
9. The emission levels of other frequencies are very lower than the limit and not show in test report.

CH11 for 802.11n(H20)									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4924.00	37.79	31.17	9.31	38.62	39.65	74.00	-34.35	Vertical	Peak
7386.00	34.12	36.72	11.24	38.24	43.84	74.00	-30.16	Vertical	
9848.00	34.92	38.33	12.39	38.12	47.52	74.00	-26.48	Vertical	
12310.00	*					74.00		Vertical	
4924.00	38.22	31.17	9.31	38.62	40.08	74.00	-33.92	Horizontal	
7386.00	34.73	36.13	10.93	38.14	43.65	74.00	-30.35	Horizontal	
9848.00	35.24	38.33	12.39	38.12	47.84	74.00	-26.16	Horizontal	
12310.00	*					74.00		Horizontal	
4924.00	32.79	31.17	9.31	38.62	34.65	54.00	-19.35	Vertical	Average
7386.00	27.66	36.72	11.24	38.24	37.38	54.00	-16.62	Vertical	
9848.00	27.05	38.33	12.39	38.12	39.65	54.00	-14.35	Vertical	
12310.00	*					54.00		Vertical	
4924.00	34.00	31.17	9.31	38.62	35.86	54.00	-18.14	Horizontal	
7386.00	28.51	36.13	10.93	38.14	37.43	54.00	-16.57	Horizontal	
9848.00	26.74	38.33	12.39	38.12	39.34	54.00	-14.66	Horizontal	
12310.00	*					54.00		Horizontal	

Remark:

7. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
8. “*”, means this data is the too weak instrument of signal is unable to test.
9. The emission levels of other frequencies are very lower than the limit and not show in test report.

CH03 for 802.11n(H40)									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4844.00	38.94	29.32	8.47	37.08	39.65	74.00	-34.35	Vertical	Peak
7266.00	33.69	36.46	10.97	38.06	43.06	74.00	-30.94	Vertical	
9688.00	33.86	38.59	12.64	37.15	47.94	74.00	-26.06	Vertical	
12110.00	*					74.00		Vertical	
4844.00	40.13	29.32	8.47	37.08	40.84	74.00	-33.16	Horizontal	
7266.00	34.27	36.46	10.97	38.06	43.64	74	-28.16	Horizontal	
9688.00	34.17	38.59	12.64	37.15	48.25	74.00	-25.75	Horizontal	
12110.00	*					74.00		Horizontal	
4844.00	33.92	29.32	8.47	37.08	34.63	54.00	-19.37	Vertical	Average
7266.00	28.11	36.46	10.97	38.06	37.48	54.00	-16.52	Vertical	
9688.00	25.56	38.59	12.64	37.15	39.64	54.00	-14.36	Vertical	
12110.00	*					54.00		Vertical	
4844.00	34.24	29.32	8.47	37.08	34.95	54.00	-19.05	Horizontal	
7266.00	28.15	36.46	10.97	38.06	37.52	54.00	-16.48	Horizontal	
9688.00	25.78	38.59	12.64	37.15	39.86	54.00	-14.14	Horizontal	
12110.00	*					54.00		Horizontal	
CH06 for 802.11n(H40)									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4874.00	38.69	30.91	8.99	38.34	40.25	74.00	-33.75	Vertical	Peak
7311.00	36.01	35.44	10.53	38.02	43.96	74.00	-30.04	Vertical	
9748.00	35.75	38.02	12.17	38.08	47.86	74.00	-26.14	Vertical	
12185.00	*					74.00		Vertical	
4874.00	39.88	30.24	8.81	38.17	40.76	74.00	-33.24	Horizontal	
7311.00	35.98	35.44	10.53	38.02	43.93	74.00	-30.07	Horizontal	
9748.00	34.99	38.2	12.17	38.08	47.28	74.00	-26.72	Horizontal	
12185.00	*					74.00		Horizontal	
4874.00	33.22	30.91	8.99	38.34	34.78	54.00	-19.22	Vertical	Average
7311.00	29.70	35.44	10.53	38.02	37.65	54.00	-16.35	Vertical	
9748.00	27.75	38.02	12.17	38.08	39.86	54.00	-14.14	Vertical	
12185.00	0.00					54.00		Vertical	
4874.00	34.14	30.24	8.81	38.17	35.02	54.00	-18.98	Horizontal	
7311.00	29.48	35.44	10.53	38.02	37.43	54.00	-16.57	Horizontal	
9748.00	27.35	38.2	12.17	38.08	39.64	54.00	-14.36	Horizontal	
12185.00	*					54.00		Horizontal	

Remark:

10. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
11. “**”, means this data is the too weak instrument of signal is unable to test.
12. The emission levels of other frequencies are very lower than the limit and not show in test report.

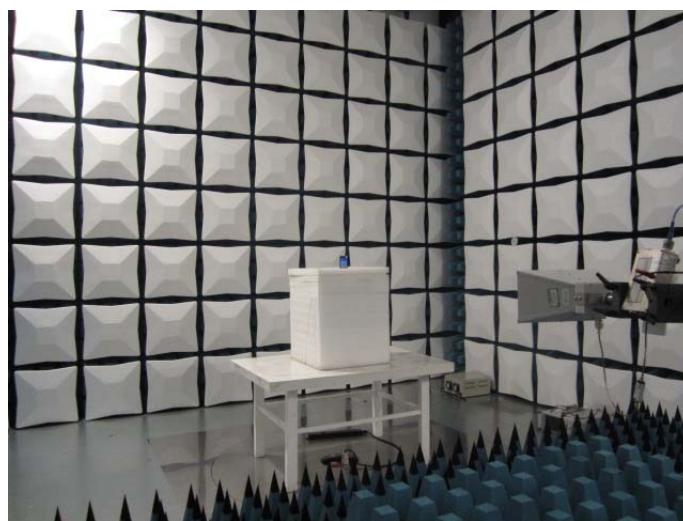
CH09 for 802.11n(H40)									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Margin Limit (dB)	Polarization	Test value
4904.00	38.35	31.17	9.31	38.62	40.21	74.00	-33.79	Vertical	Peak
7356.00	34.12	36.72	11.24	38.24	43.84	74.00	-30.16	Vertical	
9808.00	34.92	38.33	12.39	38.12	47.52	74.00	-26.48	Vertical	
12260.00	*					74.00		Vertical	
4904.00	38.78	31.17	9.31	38.62	40.64	74.00	-33.36	Horizontal	
7356.00	34.32	36.13	10.93	38.14	43.24	74.00	-30.76	Horizontal	
9808.00	34.76	38.33	12.39	38.12	47.36	74.00	-26.64	Horizontal	
12260.00	*					74.00		Horizontal	
4904.00	32.72	31.17	9.31	38.62	34.58	54.00	-19.42	Vertical	Average
7356.00	27.52	36.72	11.24	38.24	37.24	54.00	-16.76	Vertical	
9808.00	27.05	38.33	12.39	38.12	39.65	54.00	-14.35	Vertical	
12260.00	*					54.00		Vertical	
4904.00	32.97	31.17	9.31	38.62	34.83	54.00	-19.17	Horizontal	
7356.00	28.72	36.13	10.93	38.14	37.64	54.00	-16.36	Horizontal	
9808.00	26.65	38.33	12.39	38.12	39.25	54.00	-14.75	Horizontal	
12260.00	*					54.00		Horizontal	

Remark:

10. Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
11. “*”, means this data is the too weak instrument of signal is unable to test.
12. The emission levels of other frequencies are very lower than the limit and not show in test report.

5. Test Setup Photos of the EUT

Radiated Emission



Conducted Emission (AC Mains)



6. External and Internal Photos of the EUT

Reference to the test report No. TRE1512011201

.....End of Report.....