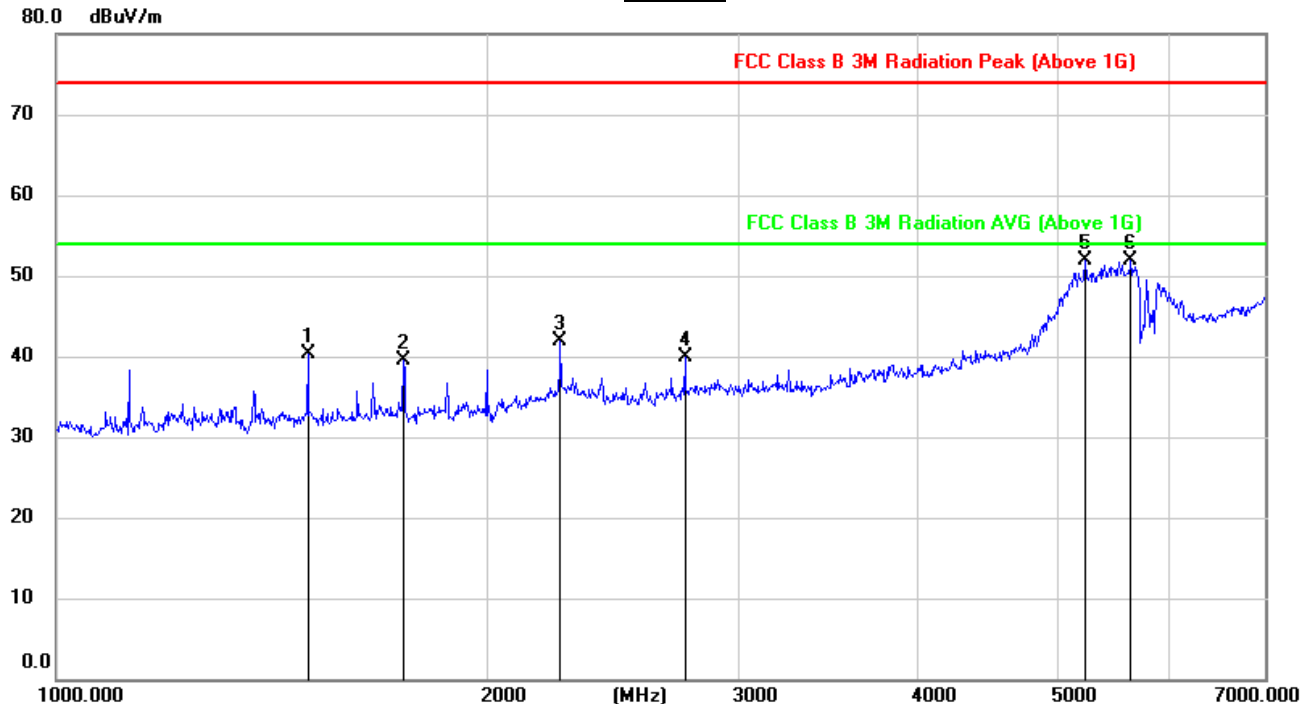




VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1498.927	53.08	-12.71	40.37	74.00	-33.63	peak
2	1751.412	51.38	-11.89	39.49	74.00	-34.51	peak
3	2251.158	50.28	-8.36	41.92	74.00	-32.08	peak
4	2750.749	47.90	-8.04	39.86	74.00	-34.14	peak
5	5238.156	51.97	-0.16	51.81	74.00	-22.19	peak
6	5640.170	51.06	0.81	51.87	74.00	-22.13	peak

Note: 1. Measurement = Reading Level + Correct Factor.

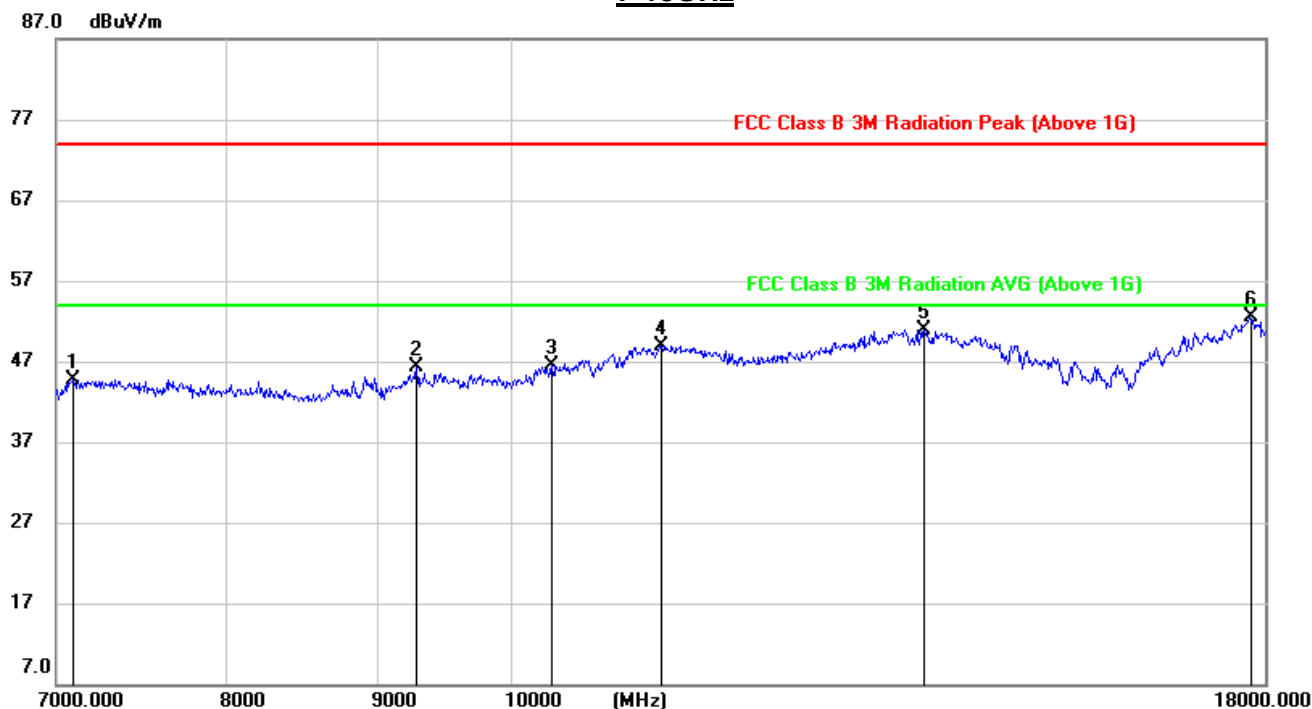
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



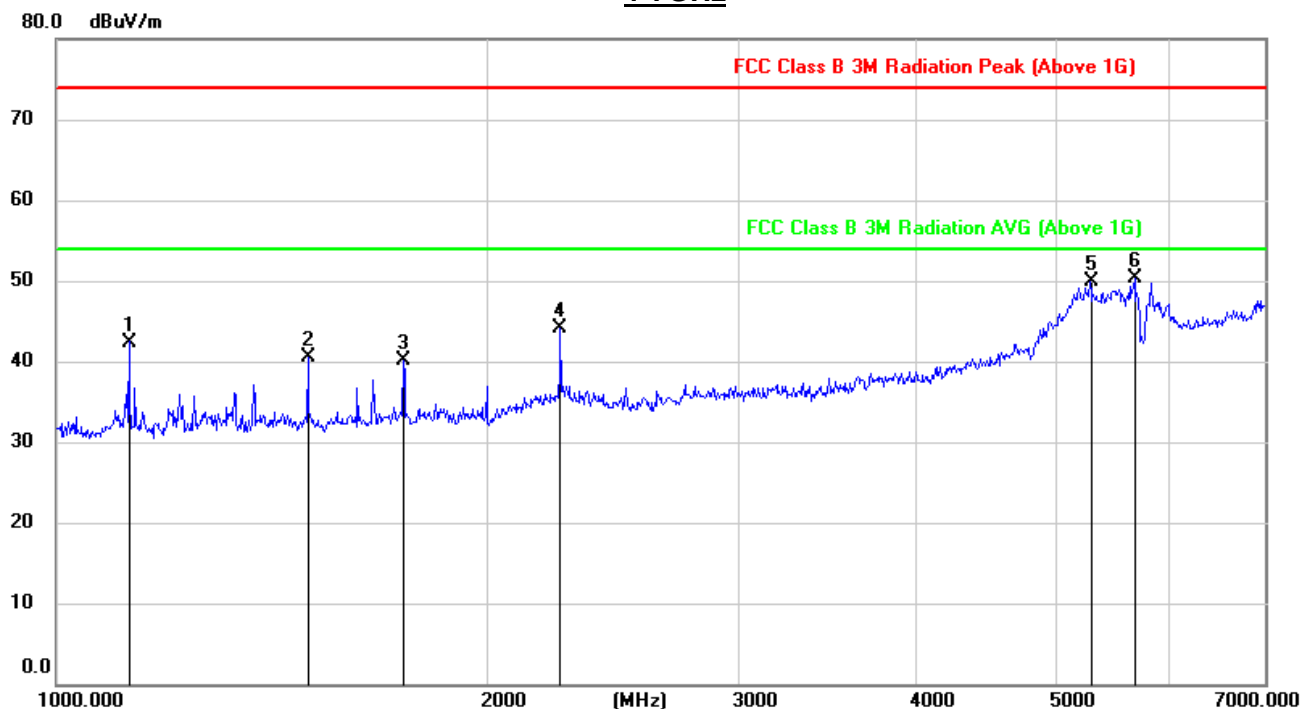
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7099.874	38.50	6.20	44.70	74.00	-29.30	peak
2	9275.344	37.18	9.07	46.25	74.00	-27.75	peak
3	10310.259	35.45	11.02	46.47	74.00	-27.53	peak
4	11235.579	35.43	13.52	48.95	74.00	-25.05	peak
5	13791.240	31.89	18.95	50.84	74.00	-23.16	peak
6	17797.148	27.92	24.61	52.53	74.00	-21.47	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS 1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	56.19	-13.79	42.40	74.00	-31.60	peak
2	1498.927	53.09	-12.61	40.48	74.00	-33.52	peak
3	1751.412	52.06	-11.89	40.17	74.00	-33.83	peak
4	2251.158	52.43	-8.36	44.07	74.00	-29.93	peak
5	5289.370	50.32	-0.34	49.98	74.00	-24.02	peak
6	5673.192	49.52	0.81	50.33	74.00	-23.67	peak

Note: 1. Measurement = Reading Level + Correct Factor.

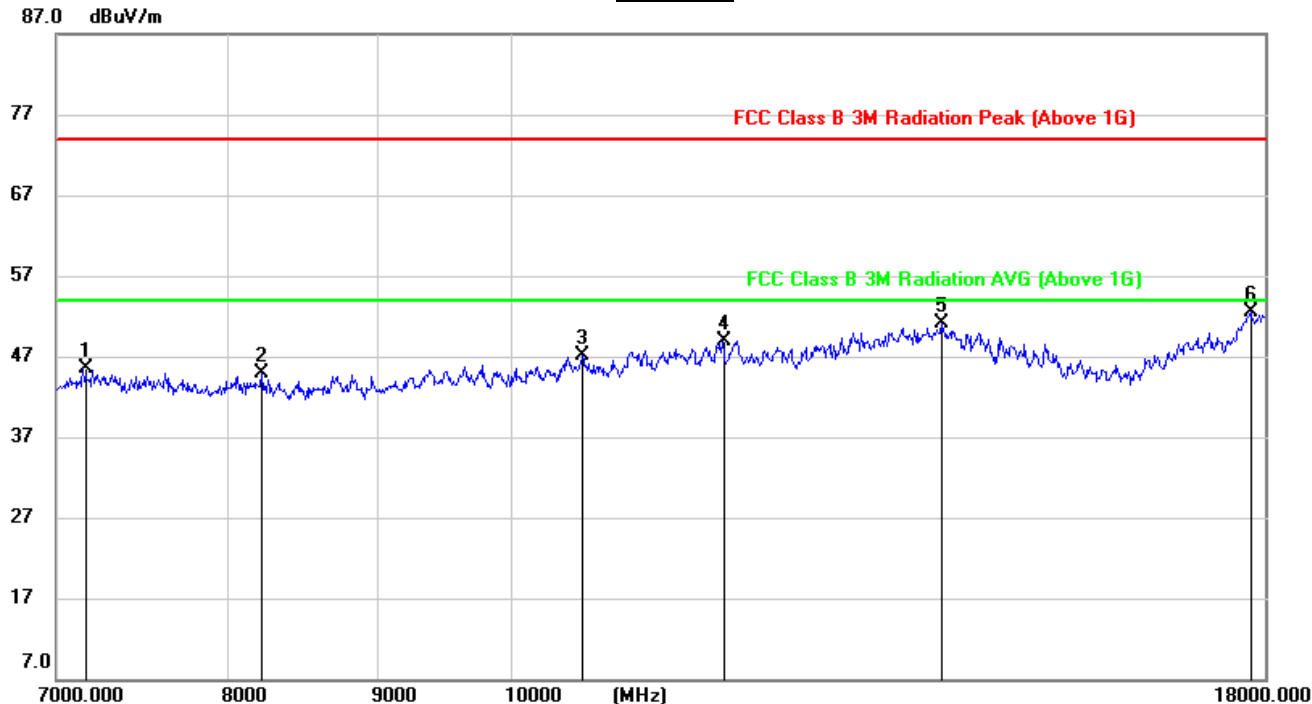
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7153.722	39.22	6.37	45.59	74.00	-28.41	peak
2	8219.165	37.88	7.11	44.99	74.00	-29.01	peak
3	10566.572	35.14	11.91	47.05	74.00	-26.95	peak
4	11790.015	35.14	13.81	48.95	74.00	-25.05	peak
5	13974.805	32.51	18.51	51.02	74.00	-22.98	peak
6	17797.148	28.23	24.21	52.44	74.00	-21.56	peak

Note: 1. Measurement = Reading Level + Correct Factor.

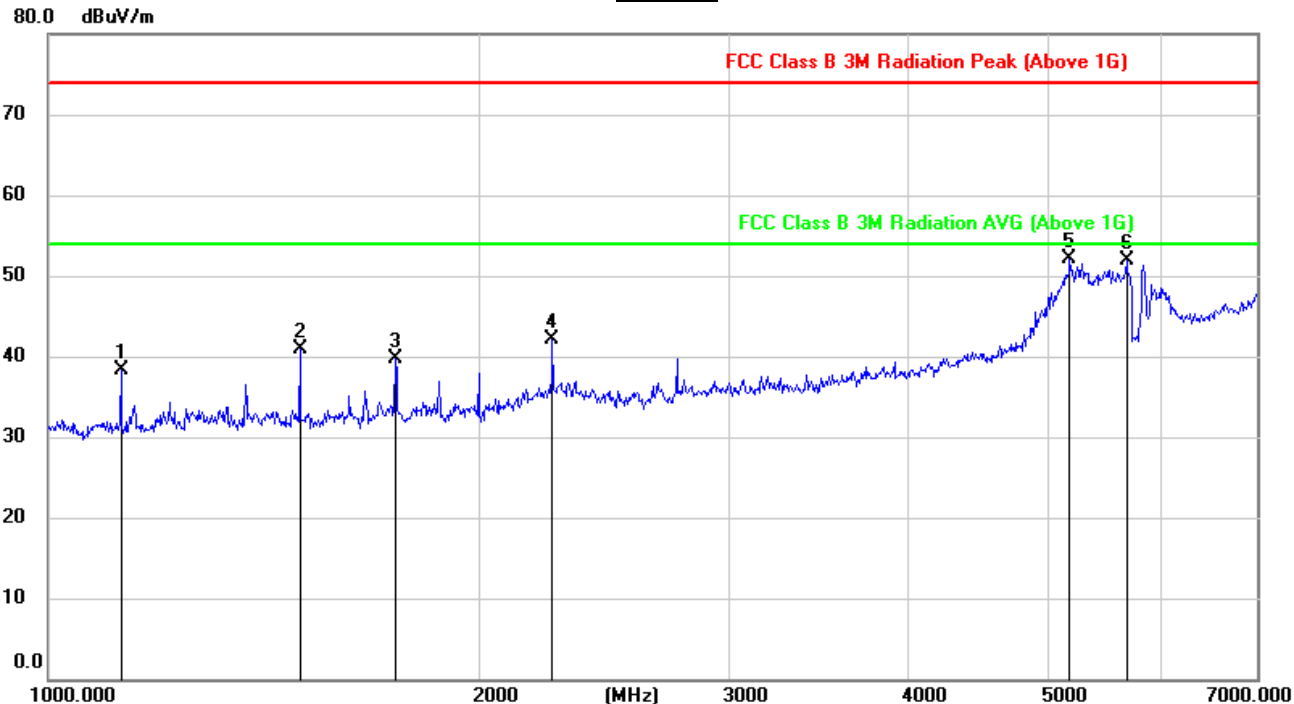
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	52.42	-14.04	38.38	74.00	-35.62	peak
2	1498.927	53.64	-12.71	40.93	74.00	-33.07	peak
3	1751.412	51.58	-11.89	39.69	74.00	-34.31	peak
4	2251.158	50.48	-8.36	42.12	74.00	-31.88	peak
5	5187.438	52.02	0.01	52.03	74.00	-21.97	peak
6	5673.192	51.01	0.91	51.92	74.00	-22.08	peak

Note: 1. Measurement = Reading Level + Correct Factor.

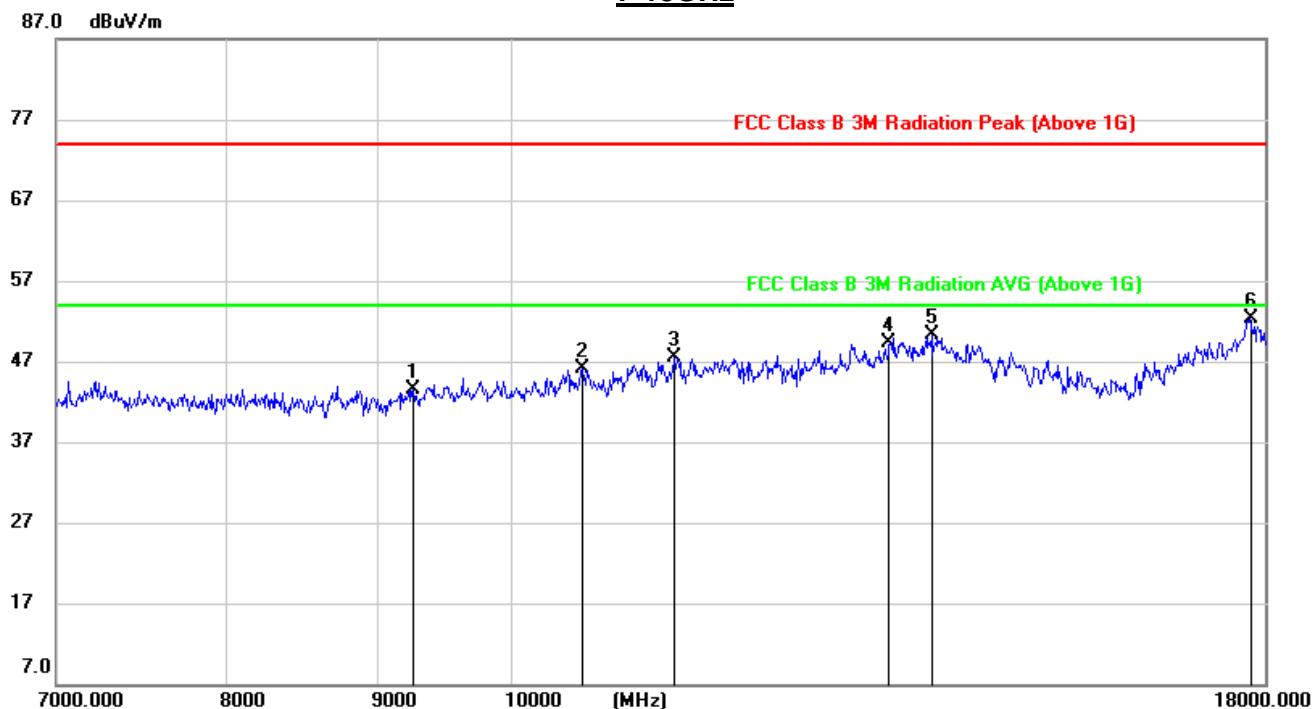
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9249.101	34.55	8.90	43.45	74.00	-30.55	peak
2	10566.572	34.14	11.91	46.05	74.00	-27.95	peak
3	11342.197	33.92	13.59	47.51	74.00	-26.49	peak
4	13431.311	31.36	17.92	49.28	74.00	-24.72	peak
5	13869.613	31.57	18.77	50.34	74.00	-23.66	peak
6	17797.148	27.74	24.61	52.35	74.00	-21.65	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7.4.3.

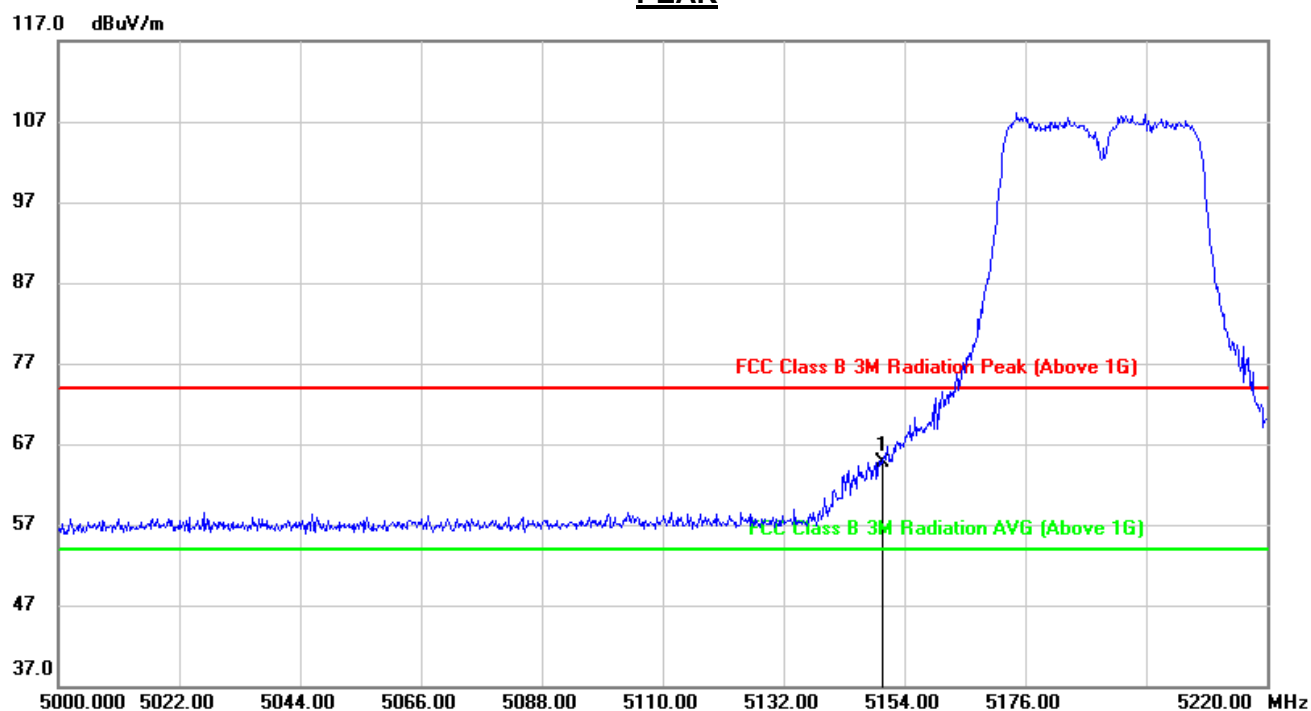
7.5. 802.11ac HT40 MODE

7.5.1. UNII-1 BAND

3TX (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS
PEAK

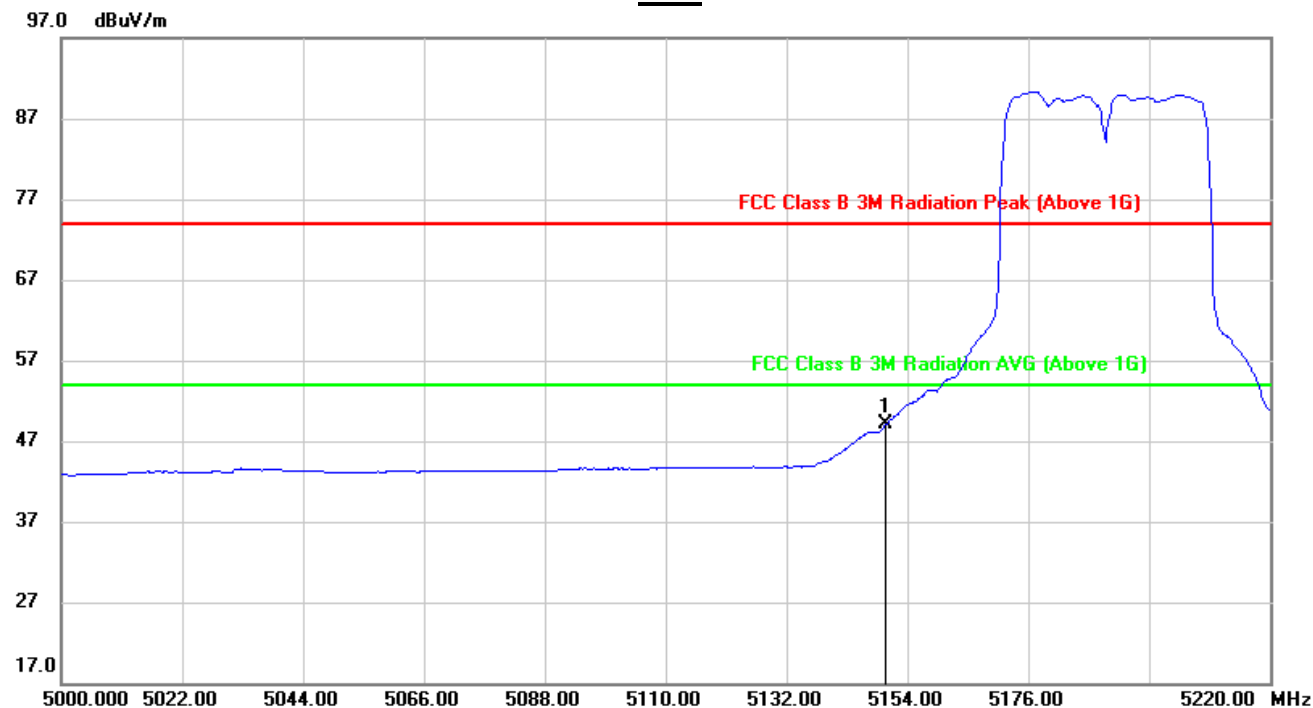


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	24.39	40.40	64.79	74.00	-9.21	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.



AVG

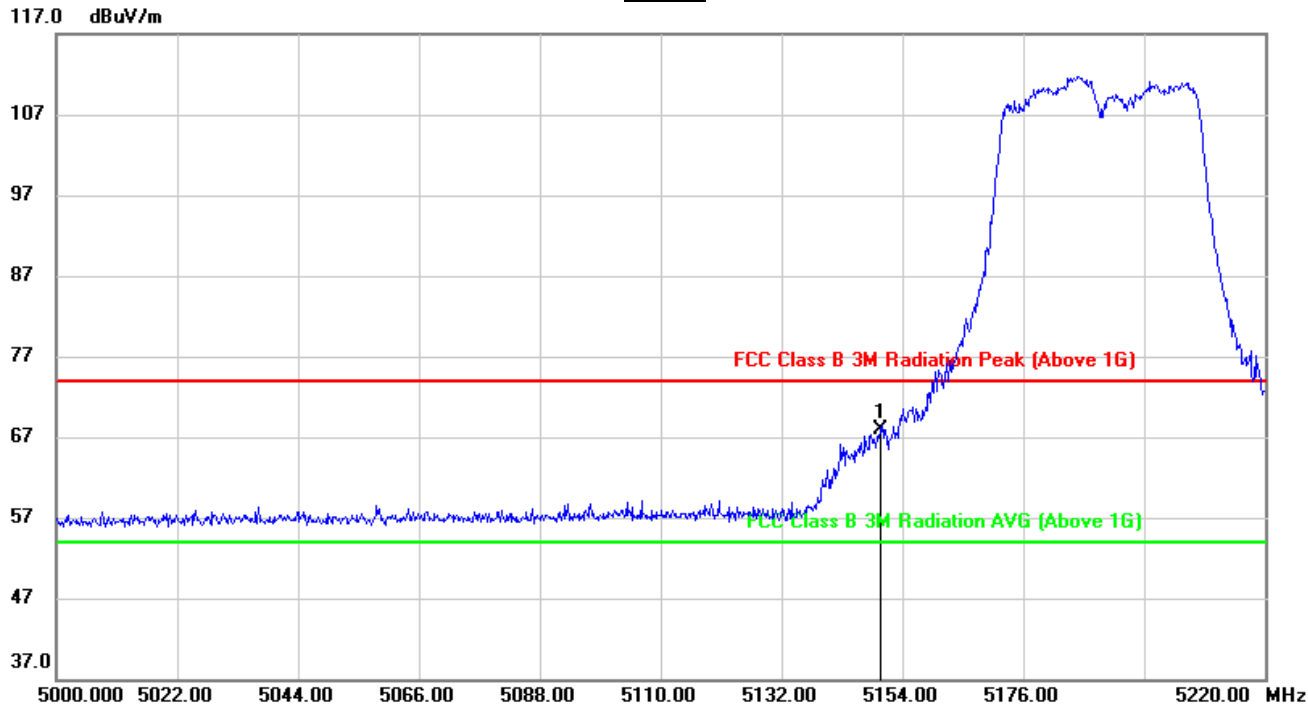


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	8.61	40.40	49.01	54.00	-4.99	AVG

- Note: 1. Measurement = Reading Level + Correct Factor
2. AVG:VBW=1/T,(For the value of 1/T,please refer to the table on page 17).
3. For duty cycle, please refer to clause 6.1.



VERTICAL RESULTS
PEAK

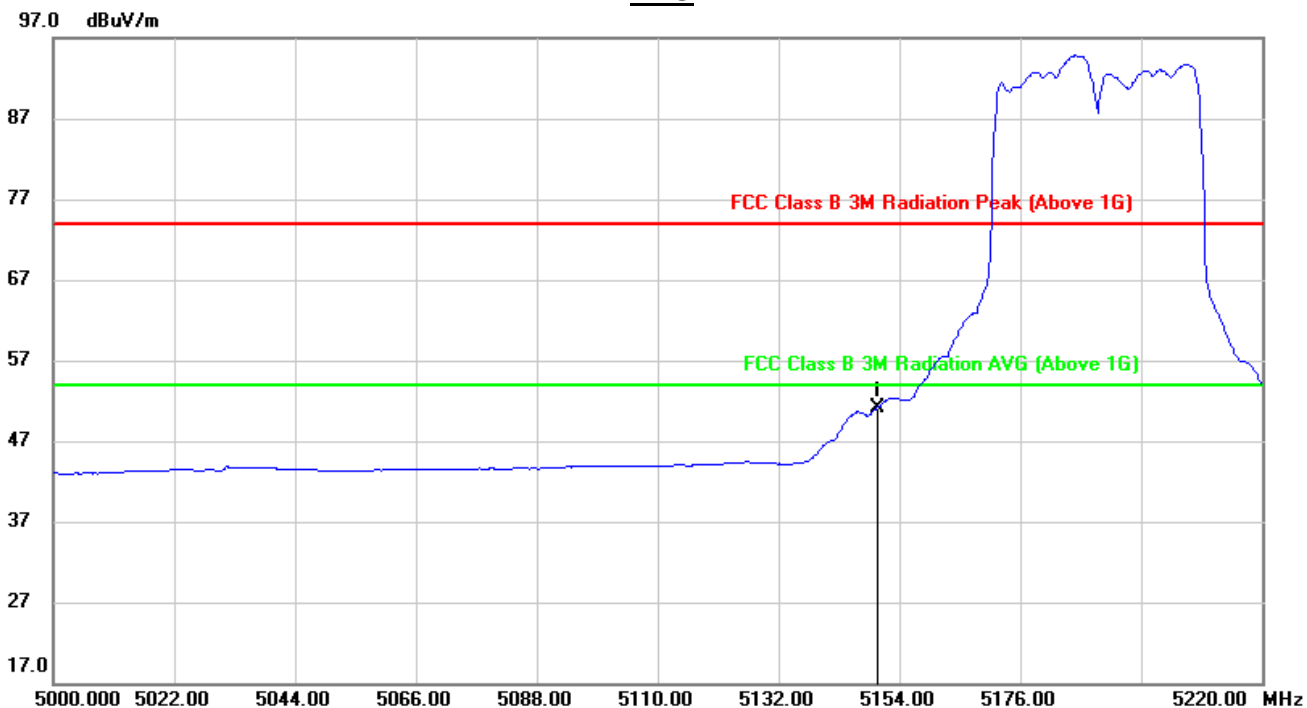


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	27.28	40.60	67.88	74.00	-6.12	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.



AVG



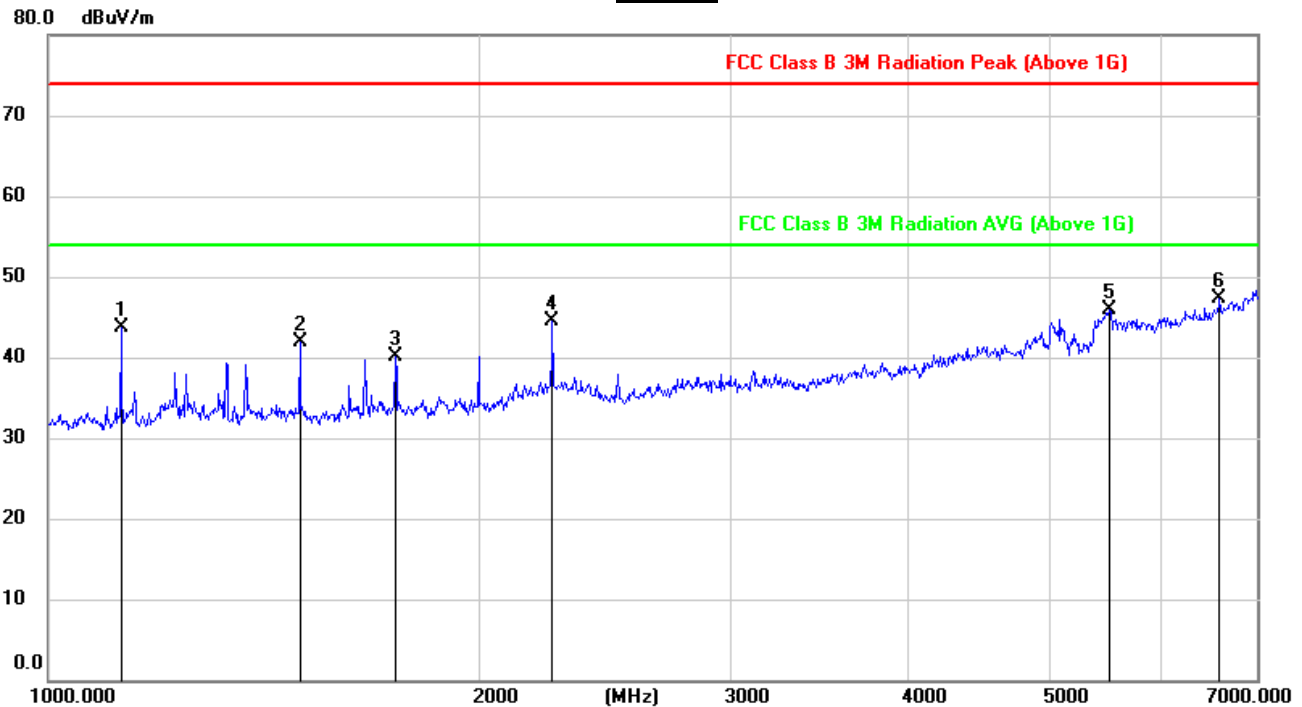
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	10.60	40.60	51.20	54.00	-2.80	AVG

- Note: 1. Measurement = Reading Level + Correct Factor
2. AVG: $VBW=1/T$, (For the value of $1/T$, please refer to the table on page 17).
3. For duty cycle, please refer to clause 6.1.



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS 1-7GHz

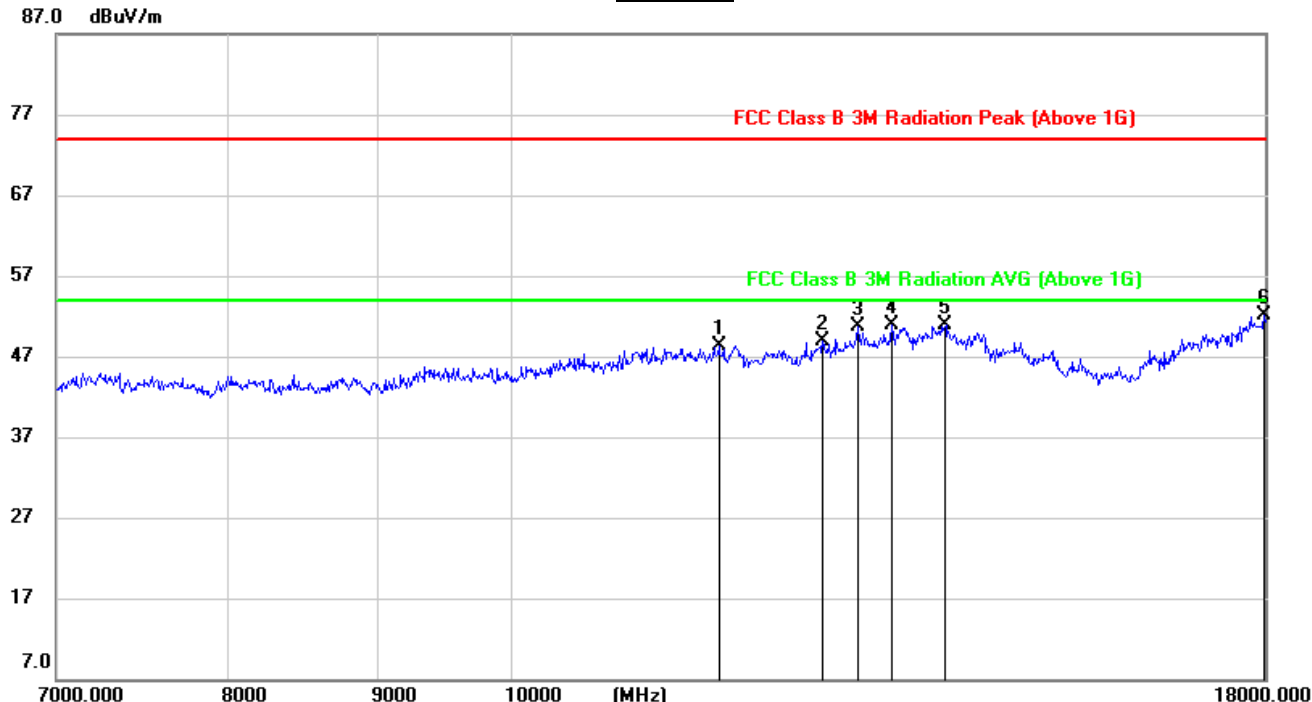


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	57.53	-13.79	43.74	74.00	-30.26	peak
2	1498.927	54.53	-12.61	41.92	74.00	-32.08	peak
3	1751.412	52.08	-11.89	40.19	74.00	-33.81	peak
4	2251.158	52.81	-8.36	44.45	74.00	-29.55	peak
5	5520.725	44.84	1.00	45.84	74.00	-28.16	peak
6	6590.221	43.15	4.17	47.32	74.00	-26.68	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

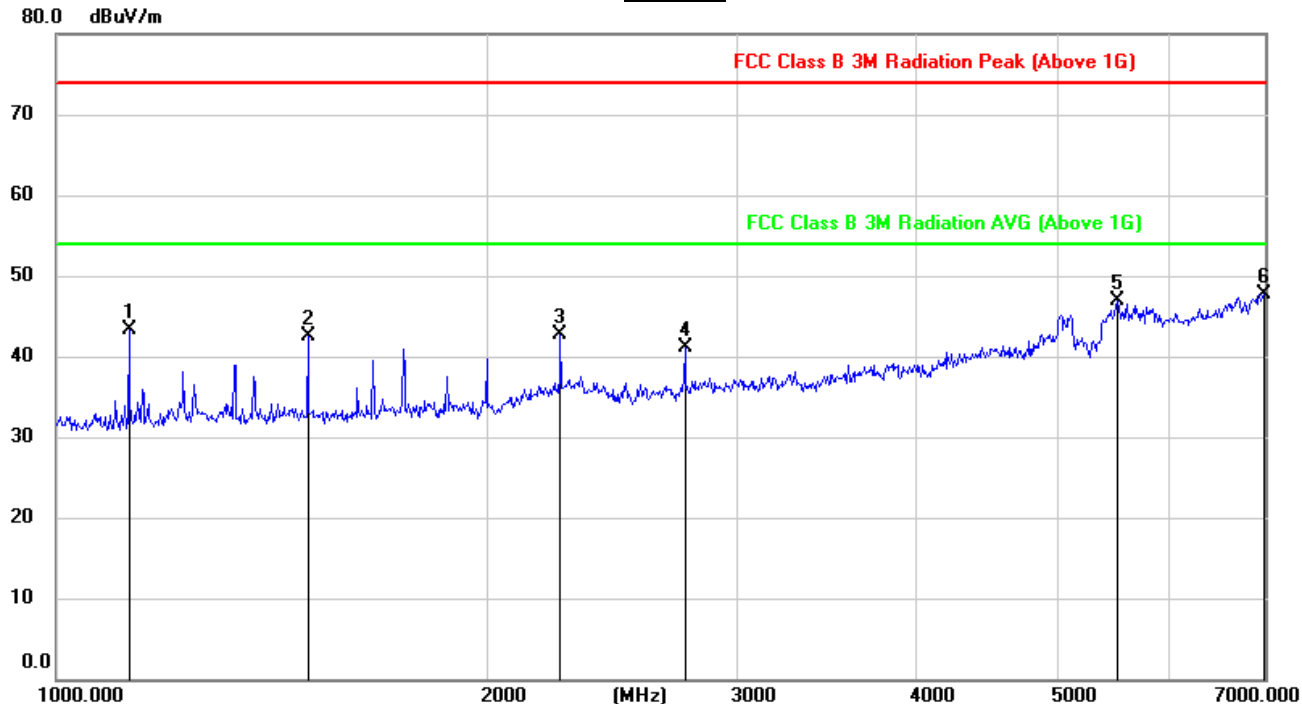


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11745.558	33.77	14.60	48.37	74.00	-25.63	peak
2	12739.391	33.16	15.68	48.84	74.00	-25.16	peak
3	13093.137	34.17	16.46	50.63	74.00	-23.37	peak
4	13444.003	32.93	18.02	50.95	74.00	-23.05	peak
5	14027.699	32.35	18.48	50.83	74.00	-23.17	peak
6	17983.008	27.24	24.81	52.05	74.00	-21.95	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	57.26	-14.04	43.22	74.00	-30.78	peak
2	1498.927	55.13	-12.71	42.42	74.00	-31.58	peak
3	2251.158	50.97	-8.36	42.61	74.00	-31.39	peak
4	2750.749	49.09	-8.04	41.05	74.00	-32.95	peak
5	5520.725	45.81	1.00	46.81	74.00	-27.19	peak
6	6986.392	42.42	5.35	47.77	74.00	-26.23	peak

Note: 1. Measurement = Reading Level + Correct Factor.

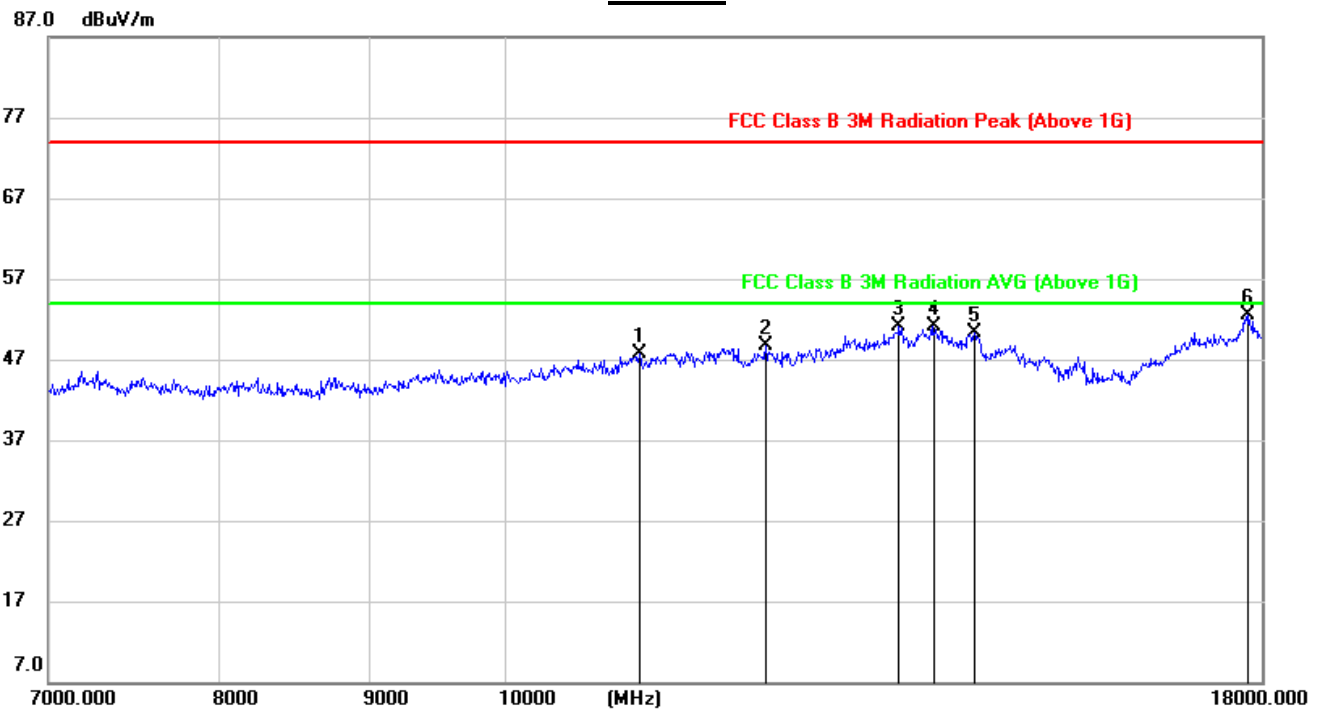
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



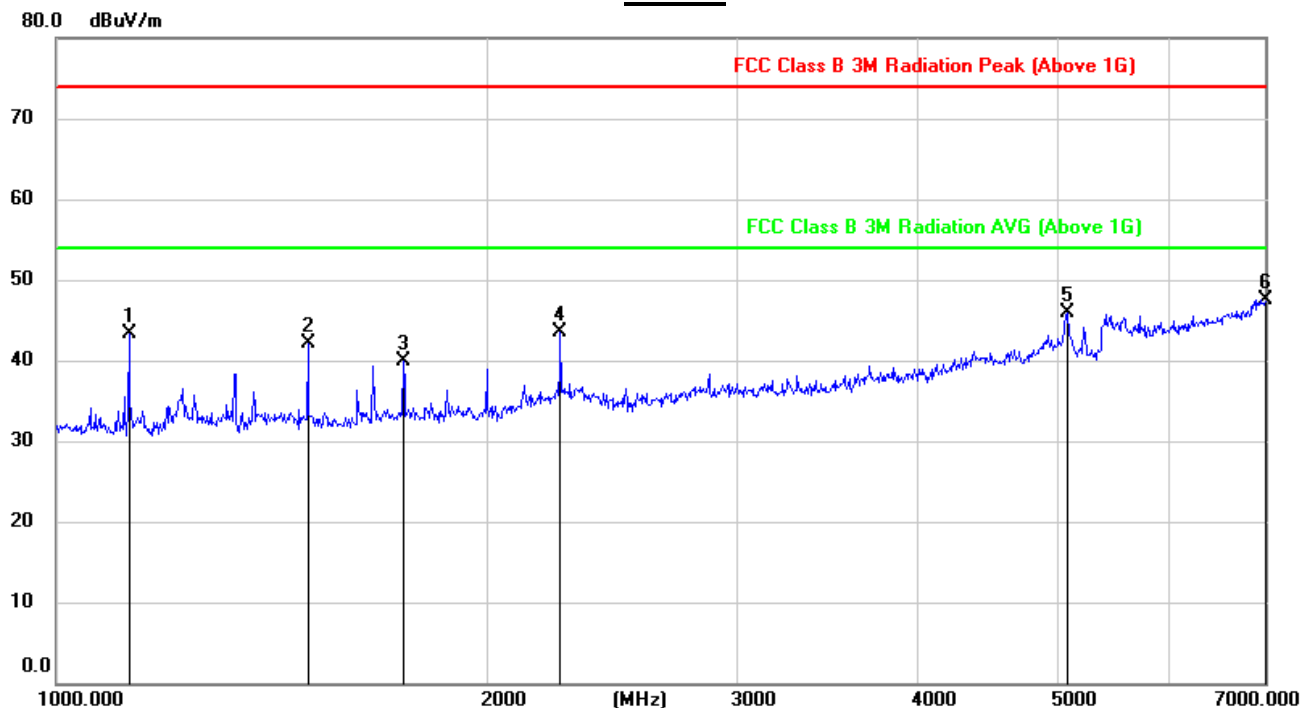
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11087.995	34.89	12.85	47.74	74.00	-26.26	peak
2	12232.385	34.24	14.38	48.62	74.00	-25.38	peak
3	13584.402	32.55	18.52	51.07	74.00	-22.93	peak
4	13935.265	32.42	18.68	51.10	74.00	-22.90	peak
5	14390.012	32.00	18.32	50.32	74.00	-23.68	peak
6	17813.965	27.99	24.42	52.41	74.00	-21.59	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS 1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	57.14	-13.79	43.35	74.00	-30.65	peak
2	1498.927	54.75	-12.61	42.14	74.00	-31.86	peak
3	1751.412	51.77	-11.89	39.88	74.00	-34.12	peak
4	2251.158	51.79	-8.36	43.43	74.00	-30.57	peak
5	5107.309	46.33	-0.46	45.87	74.00	-28.13	peak
6	7000.000	42.18	5.39	47.57	74.00	-26.43	peak

Note: 1. Measurement = Reading Level + Correct Factor.

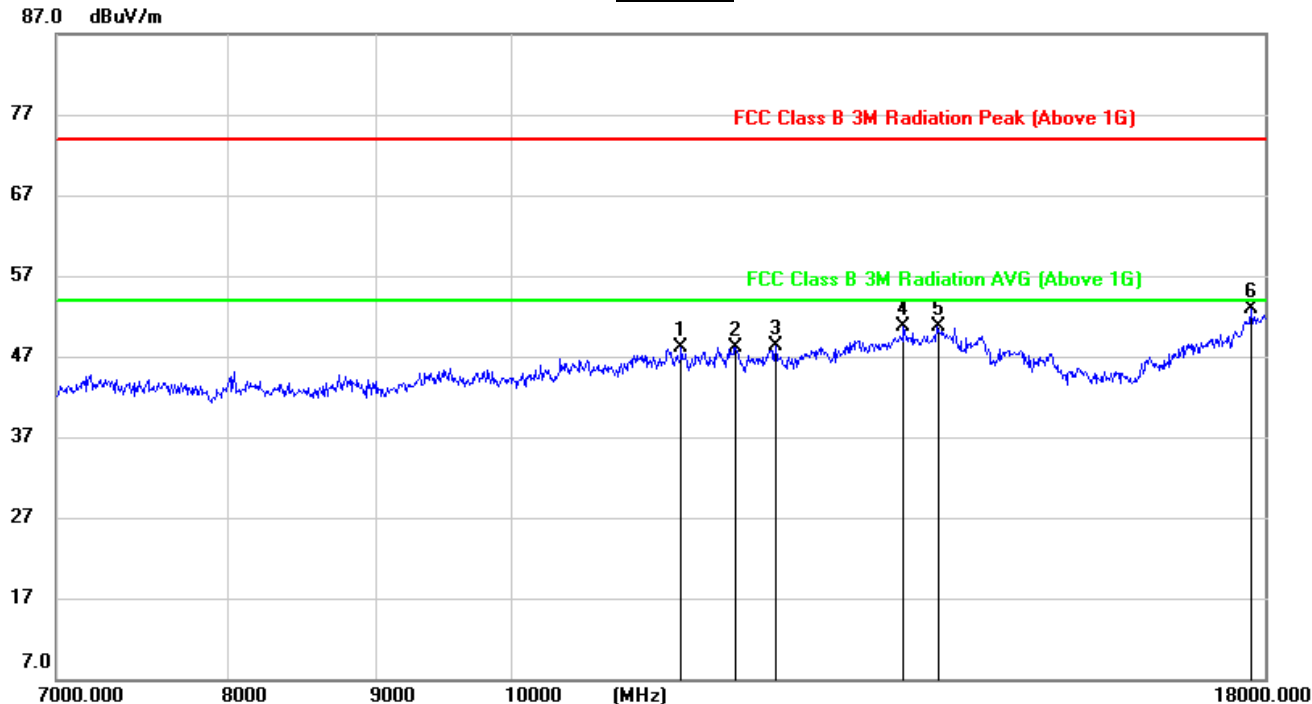
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11406.653	34.26	13.75	48.01	74.00	-25.99	peak
2	11901.894	32.90	15.22	48.12	74.00	-25.88	peak
3	12278.685	33.93	14.29	48.22	74.00	-25.78	peak
4	13584.402	32.33	18.47	50.80	74.00	-23.20	peak
5	13935.265	32.08	18.55	50.63	74.00	-23.37	peak
6	17797.148	28.63	24.21	52.84	74.00	-21.16	peak

Note: 1. Measurement = Reading Level + Correct Factor.

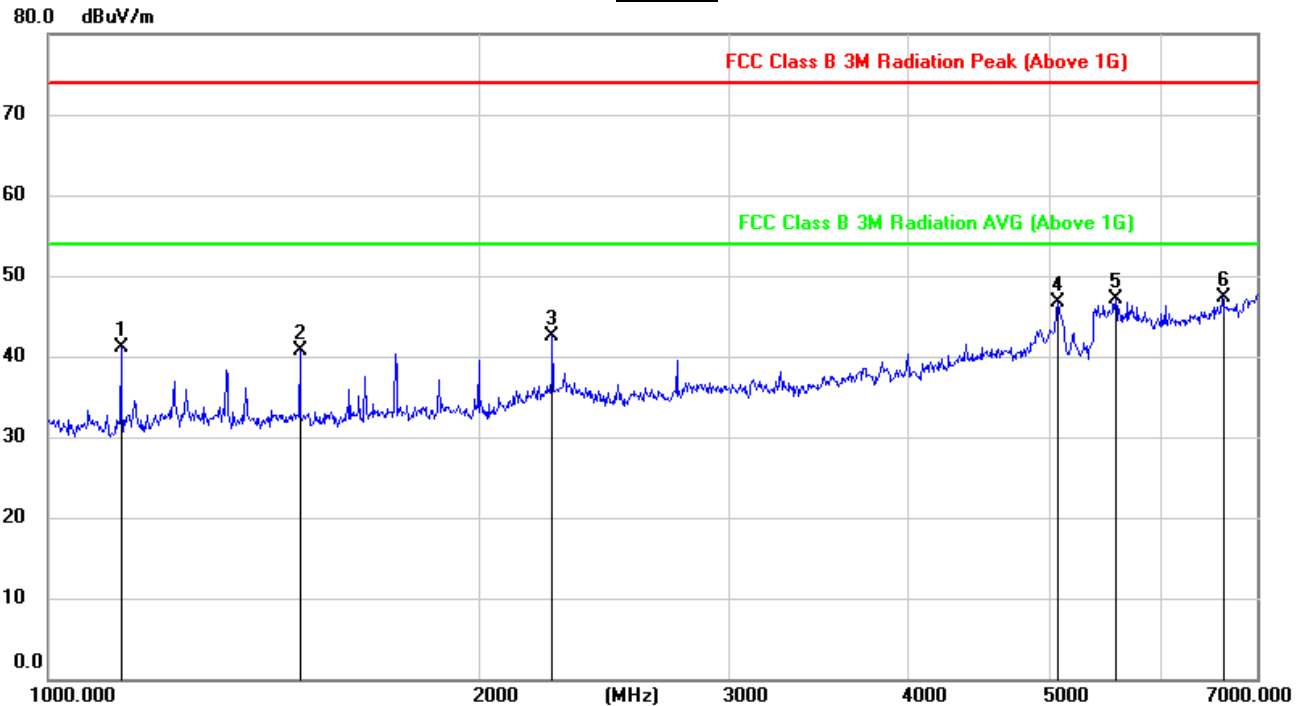
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

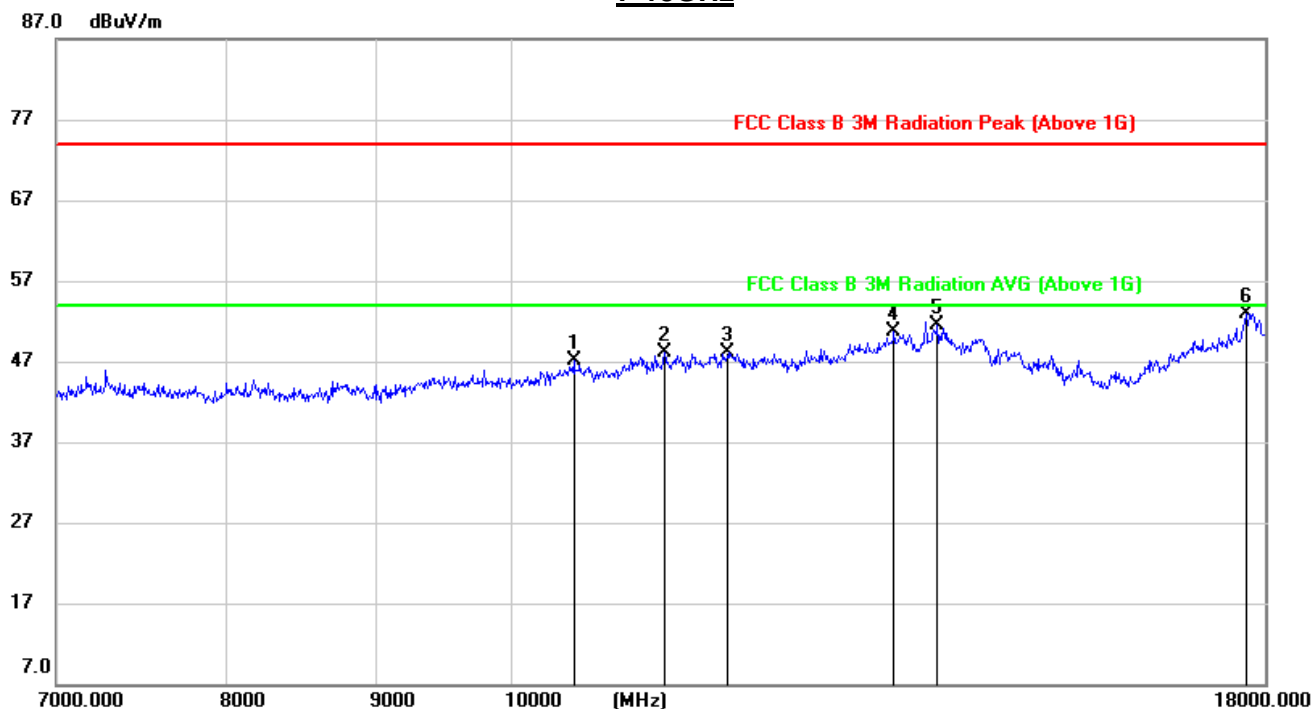


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	55.06	-14.04	41.02	74.00	-32.98	peak
2	1498.927	53.38	-12.71	40.67	74.00	-33.33	peak
3	2251.158	50.96	-8.36	42.60	74.00	-31.40	peak
4	5077.581	47.08	-0.42	46.66	74.00	-27.34	peak
5	5574.701	46.34	0.82	47.16	74.00	-26.84	peak
6	6628.806	43.01	4.35	47.36	74.00	-26.64	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10487.035	35.07	11.95	47.02	74.00	-26.98	peak
2	11256.822	34.61	13.47	48.08	74.00	-25.92	peak
3	11845.822	33.43	14.72	48.15	74.00	-25.85	peak
4	13469.422	32.55	18.23	50.78	74.00	-23.22	peak
5	13935.265	32.74	18.68	51.42	74.00	-22.58	peak
6	17763.562	28.82	24.16	52.98	74.00	-21.02	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.

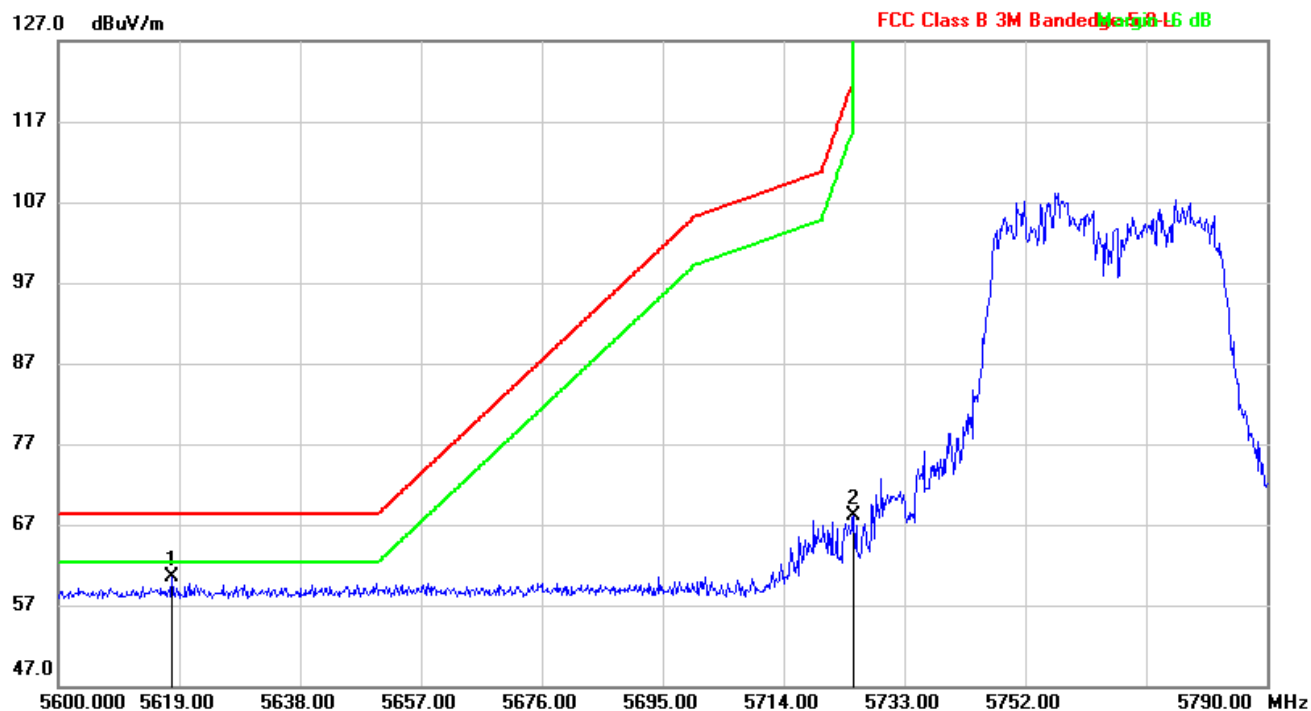


7.5.2. UNII-3 BAND

3TX (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

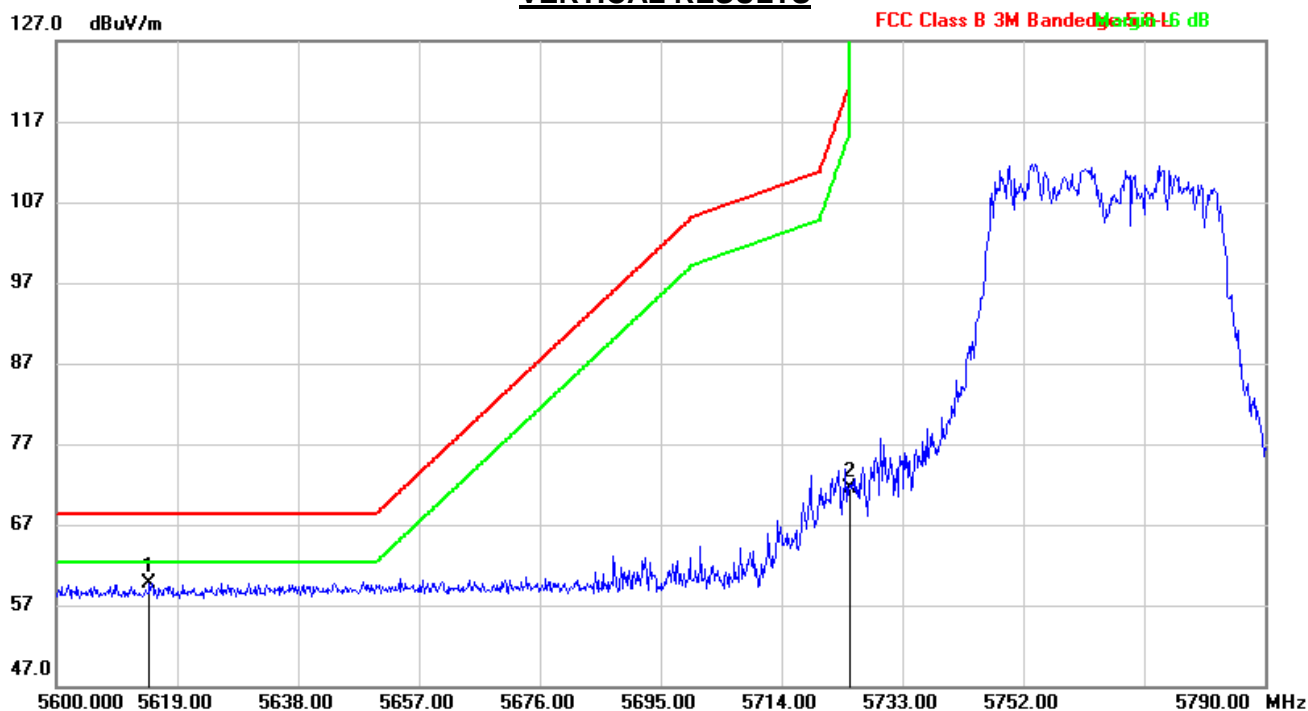
HORIZONTAL RESULTS



Note: 1. Measurement = Reading Level + Correct Factor.



VERTICAL RESULTS



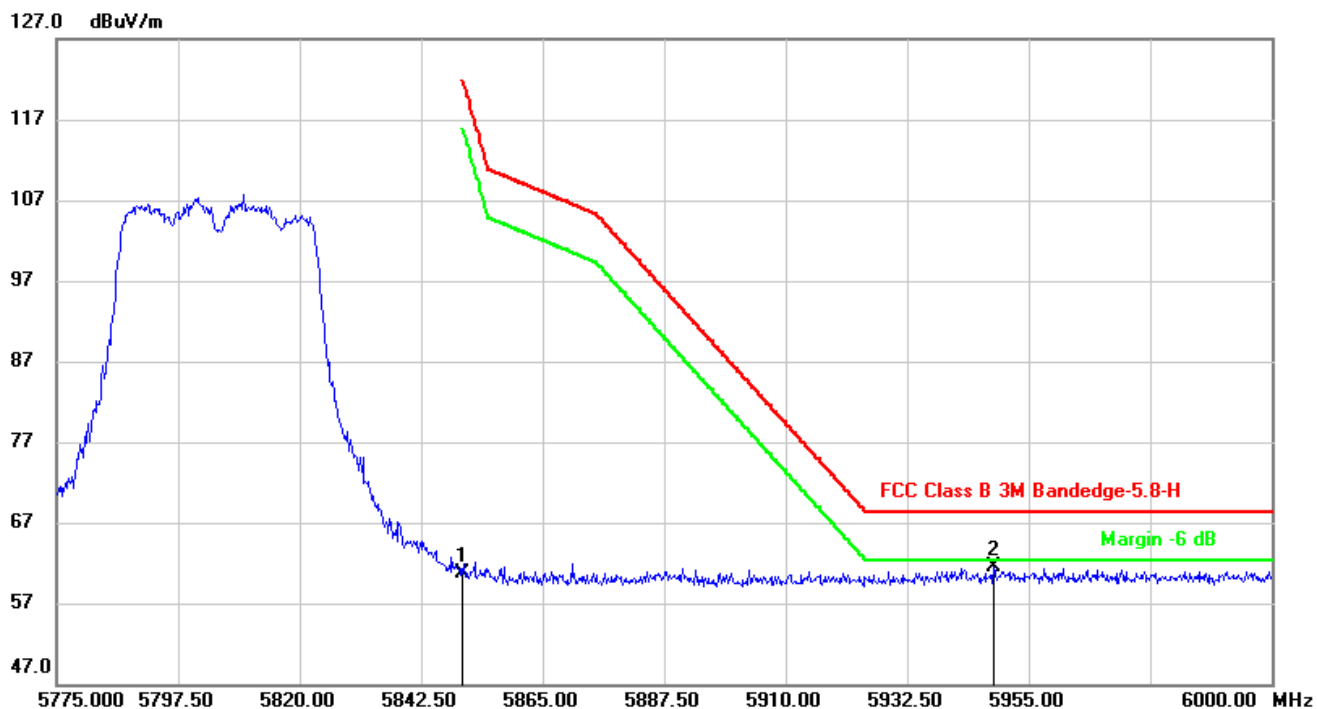
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.630	18.55	41.18	59.73	68.20	-8.47	peak
2	5725.000	30.10	41.49	71.59	122.20	-50.61	peak

Note: 1. Measurement = Reading Level + Correct Factor.



RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS



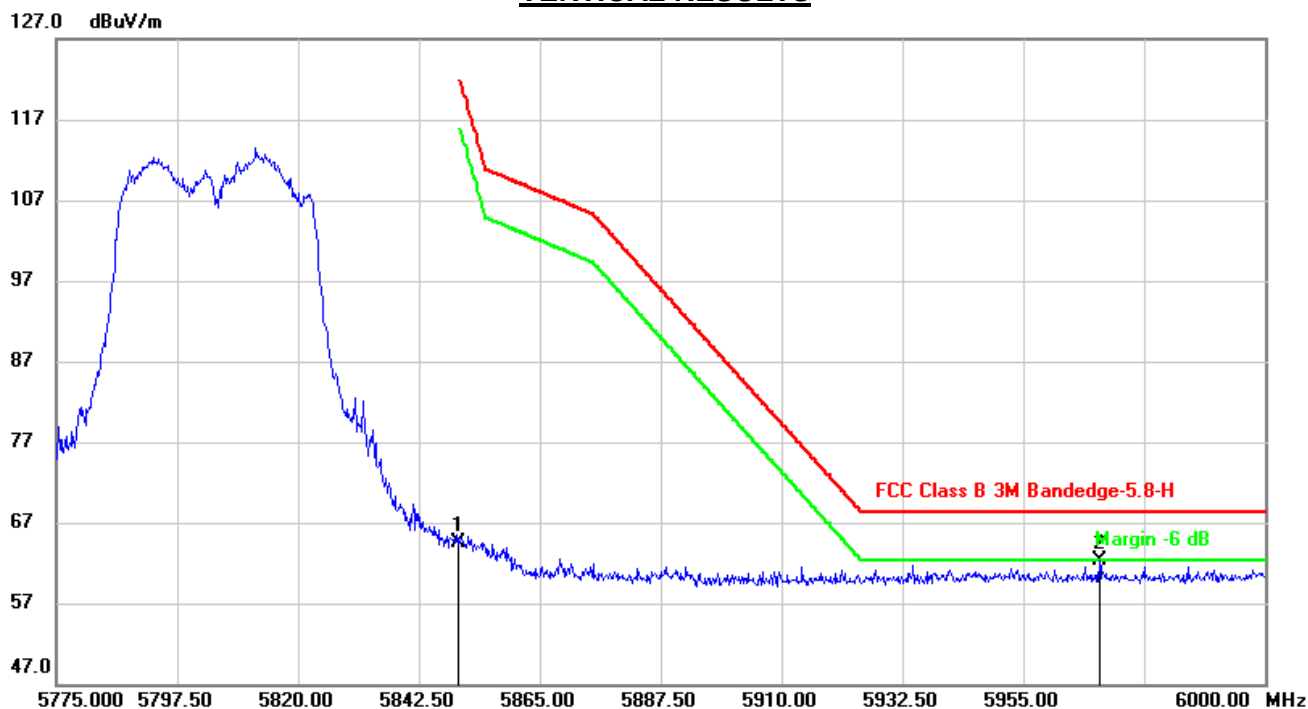
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	18.85	41.77	60.62	122.20	-61.58	peak
2	5948.475	19.59	42.00	61.59	68.20	-6.61	peak

Note: 1. Measurement = Reading Level + Correct Factor.

.



VERTICAL RESULTS



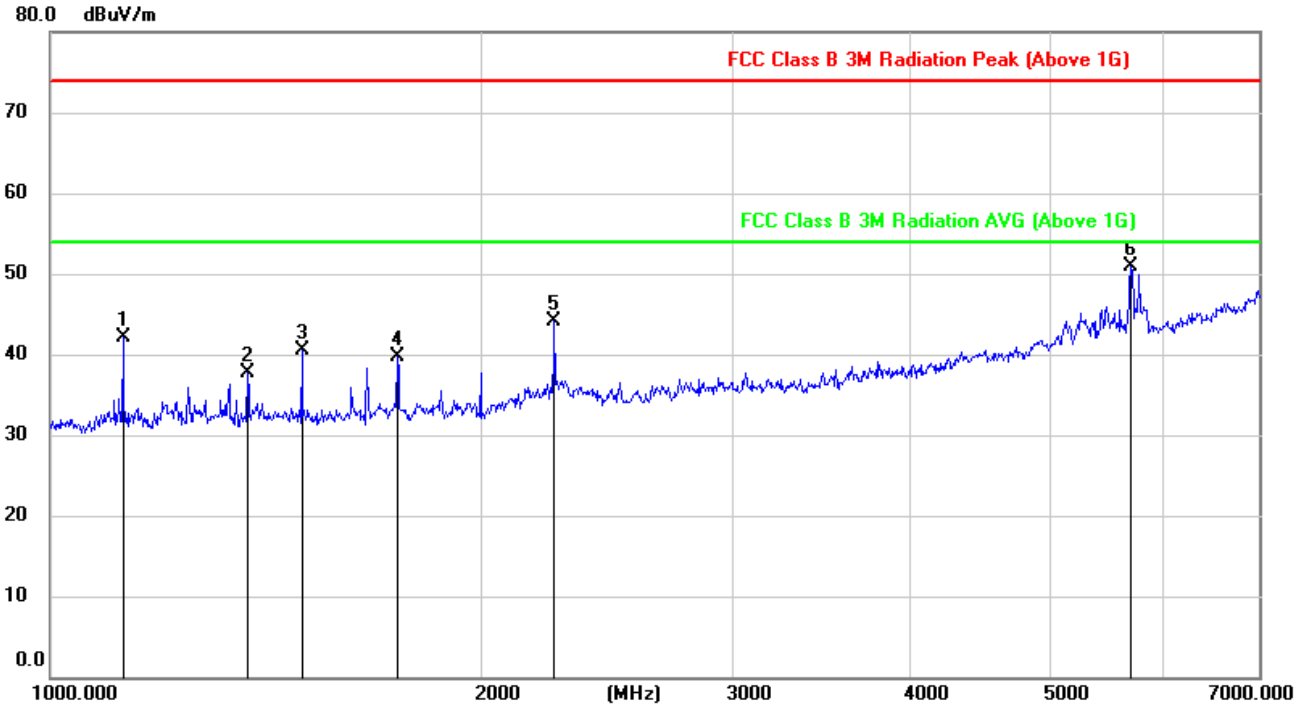
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	22.61	41.87	64.48	122.20	-57.72	peak
2	5969.175	20.03	42.21	62.24	68.20	-5.96	peak

Note: 1. Measurement = Reading Level + Correct Factor.



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS 1-7GHz

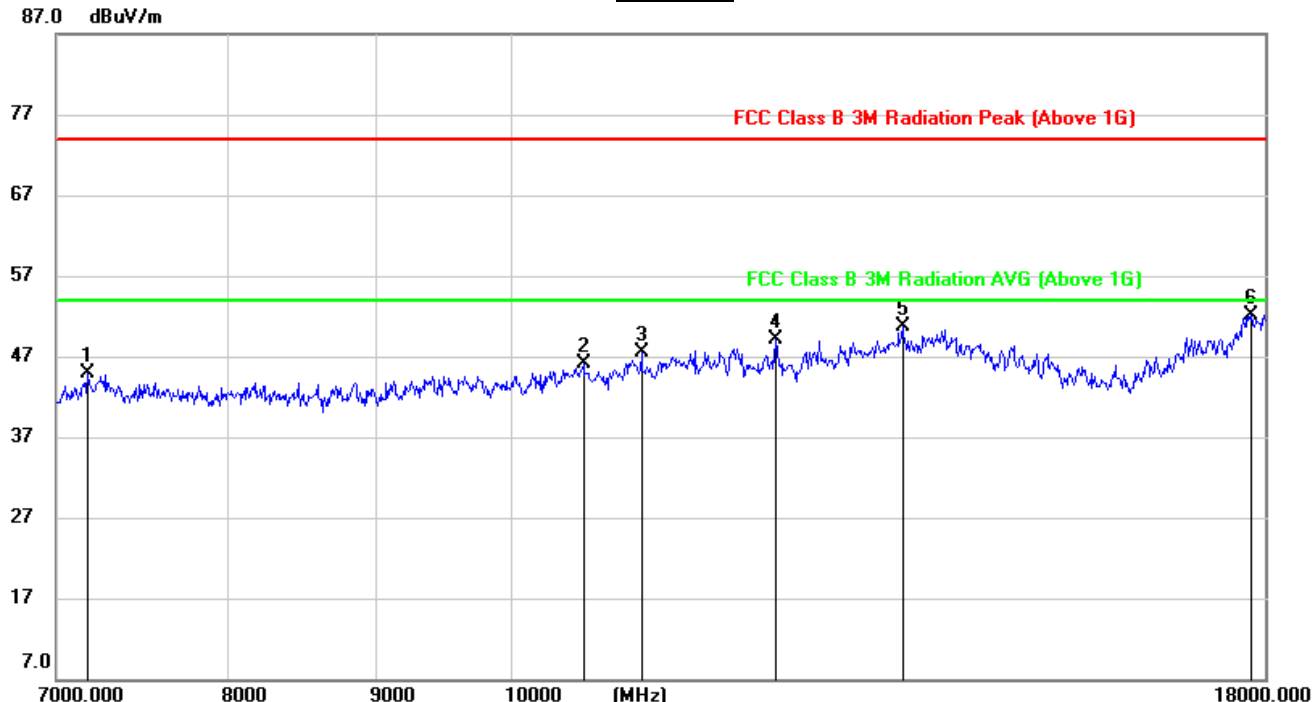


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	55.99	-13.79	42.20	74.00	-31.80	peak
2	1373.254	50.29	-12.65	37.64	74.00	-36.36	peak
3	1498.927	53.07	-12.61	40.46	74.00	-33.54	peak
4	1751.412	51.57	-11.89	39.68	74.00	-34.32	peak
5	2251.158	52.53	-8.36	44.17	74.00	-29.83	peak
6	5695.314	50.02	0.89	50.91	74.00	-23.09	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7180.799	38.55	6.35	44.90	74.00	-29.10	peak
2	10576.556	34.28	11.86	46.14	74.00	-27.86	peak
3	11067.070	34.67	12.76	47.43	74.00	-26.57	peak
4	12278.685	34.78	14.29	49.07	74.00	-24.93	peak
5	13571.578	32.21	18.41	50.62	74.00	-23.38	peak
6	17813.965	27.77	24.25	52.02	74.00	-21.98	peak

Note: 1. Measurement = Reading Level + Correct Factor.

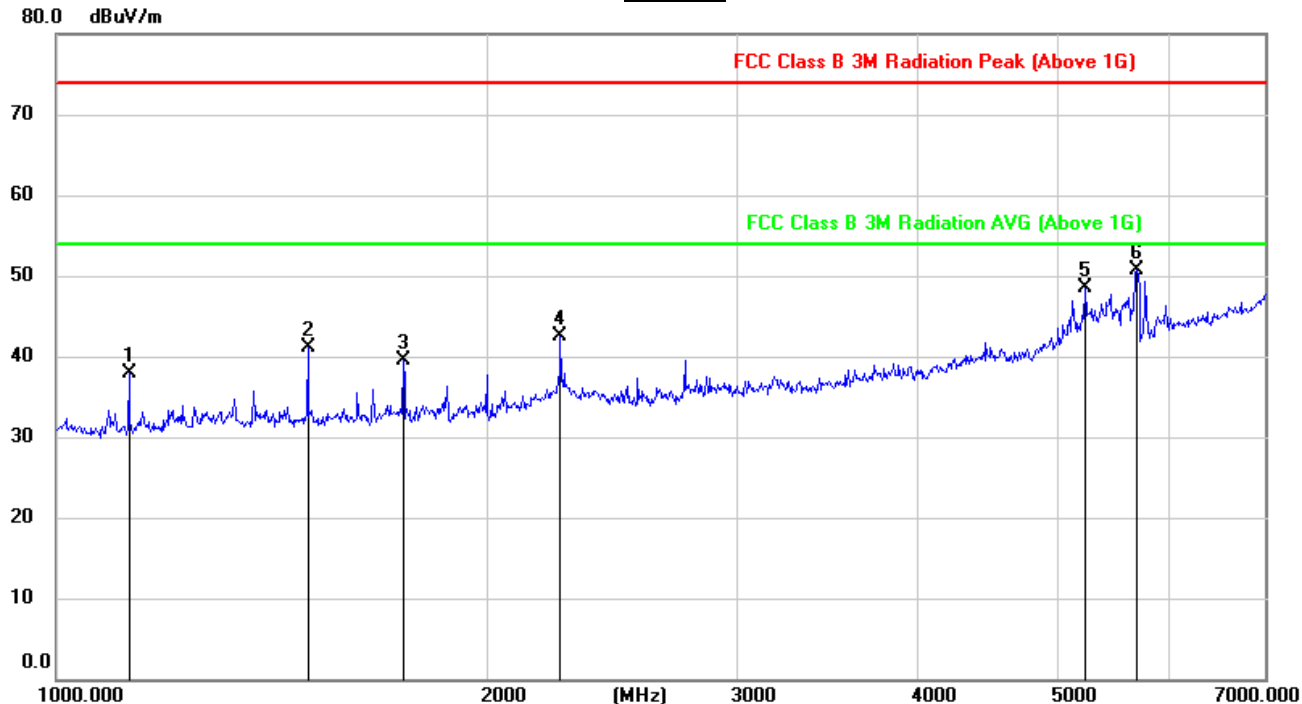
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	52.03	-14.04	37.99	74.00	-36.01	peak
2	1498.927	53.87	-12.71	41.16	74.00	-32.84	peak
3	1751.412	51.41	-11.89	39.52	74.00	-34.48	peak
4	2251.158	50.86	-8.36	42.50	74.00	-31.50	peak
5	5238.156	48.69	-0.16	48.53	74.00	-25.47	peak
6	5695.314	49.78	0.99	50.77	74.00	-23.23	peak

Note: 1. Measurement = Reading Level + Correct Factor.

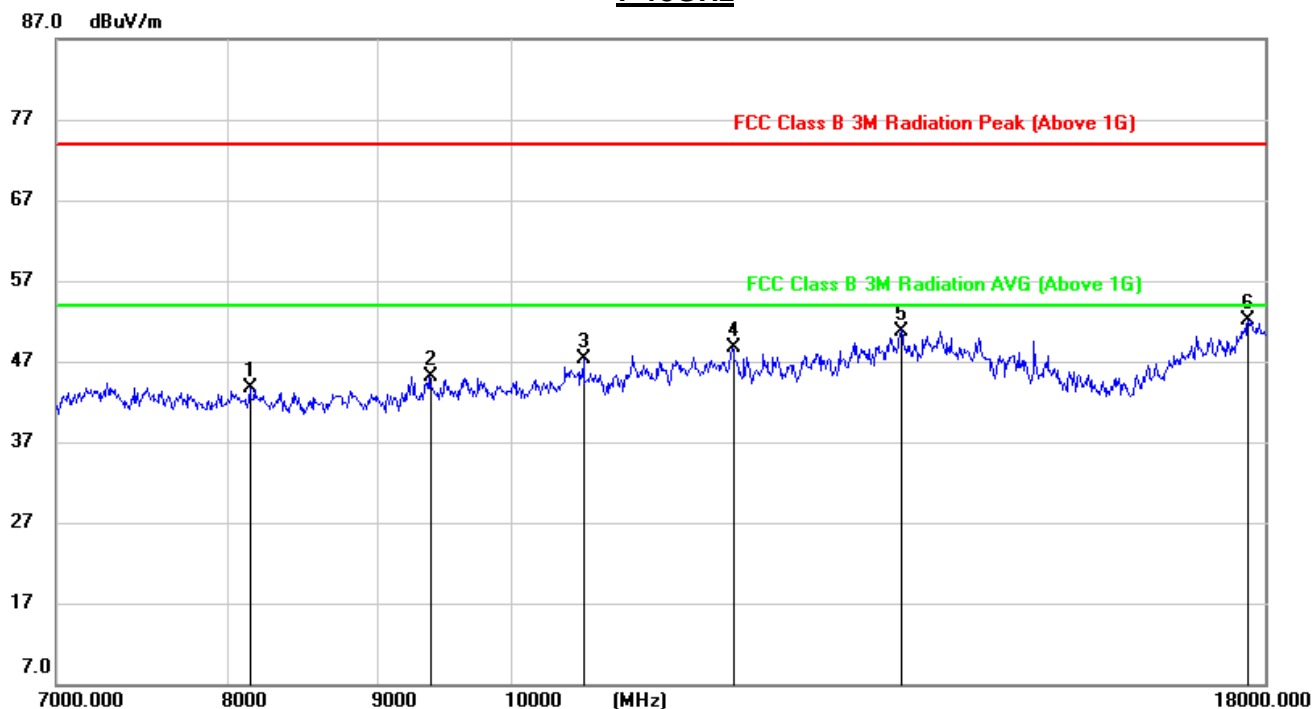
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



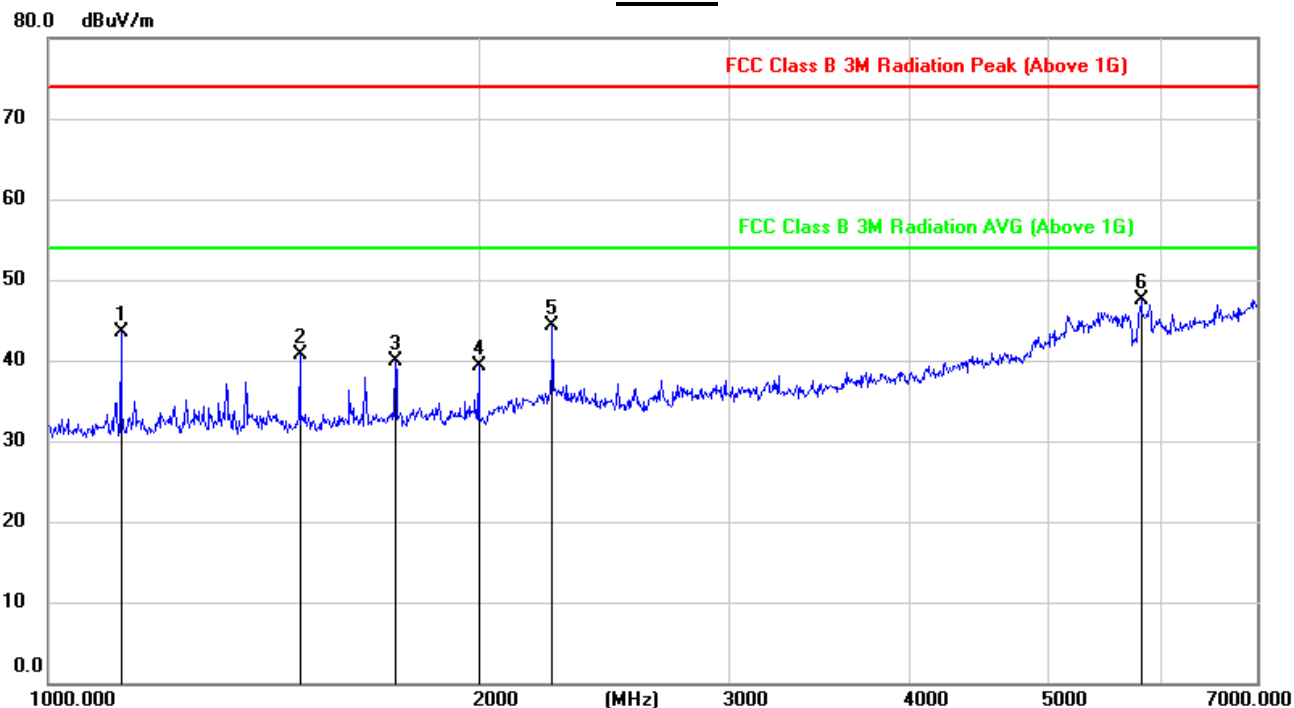
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8141.904	36.71	6.92	43.63	74.00	-30.37	peak
2	9372.209	35.54	9.52	45.06	74.00	-28.94	peak
3	10576.556	35.46	11.92	47.38	74.00	-26.62	peak
4	11879.434	33.90	14.74	48.64	74.00	-25.36	peak
5	13545.966	31.93	18.87	50.80	74.00	-23.20	peak
6	17780.347	27.71	24.38	52.09	74.00	-21.91	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS 1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	57.36	-13.79	43.57	74.00	-30.43	peak
2	1498.927	53.24	-12.61	40.63	74.00	-33.37	peak
3	1751.412	51.73	-11.89	39.84	74.00	-34.16	peak
4	1999.194	50.44	-11.21	39.23	74.00	-34.77	peak
5	2251.158	52.70	-8.36	44.34	74.00	-29.66	peak
6	5807.225	46.10	1.33	47.43	74.00	-26.57	peak

Note: 1. Measurement = Reading Level + Correct Factor.

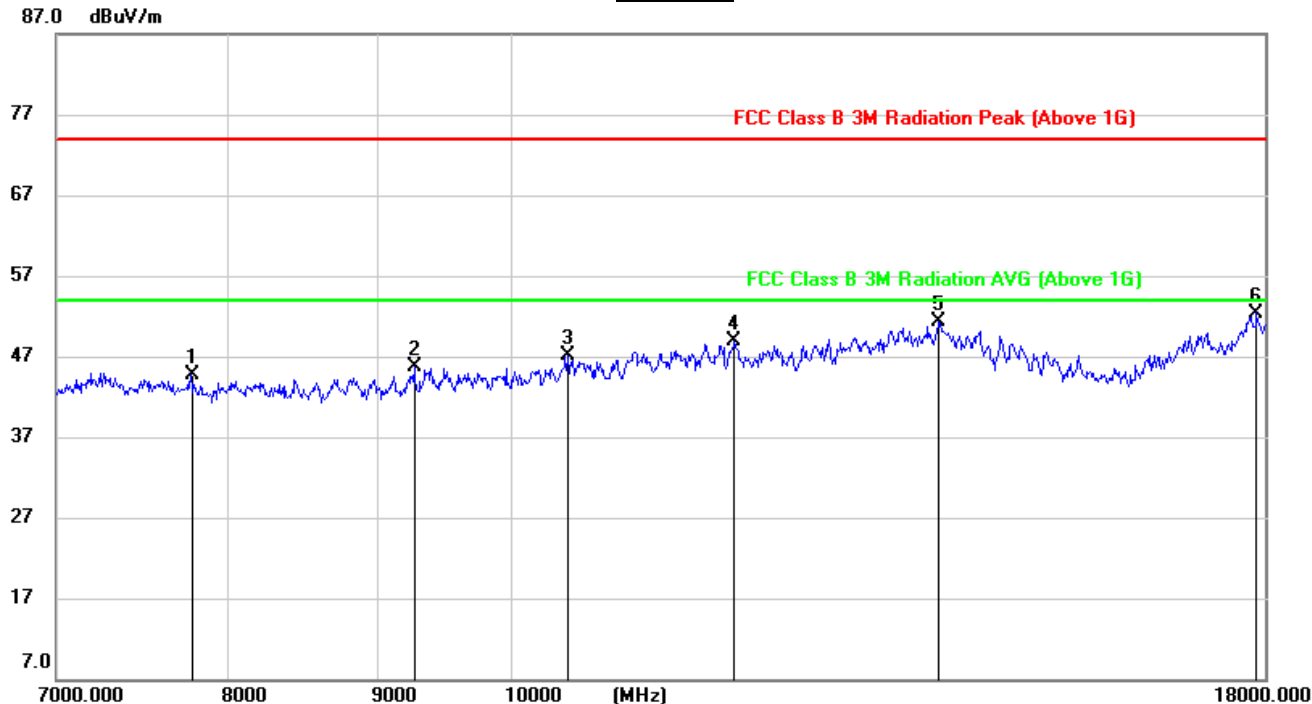
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7781.039	38.22	6.56	44.78	74.00	-29.22	peak
2	9257.840	36.88	8.84	45.72	74.00	-28.28	peak
3	10447.491	35.38	11.64	47.02	74.00	-26.98	peak
4	11890.659	33.90	15.06	48.96	74.00	-25.04	peak
5	13948.432	32.79	18.55	51.34	74.00	-22.66	peak
6	17881.390	28.32	24.08	52.40	74.00	-21.60	peak

Note: 1. Measurement = Reading Level + Correct Factor.

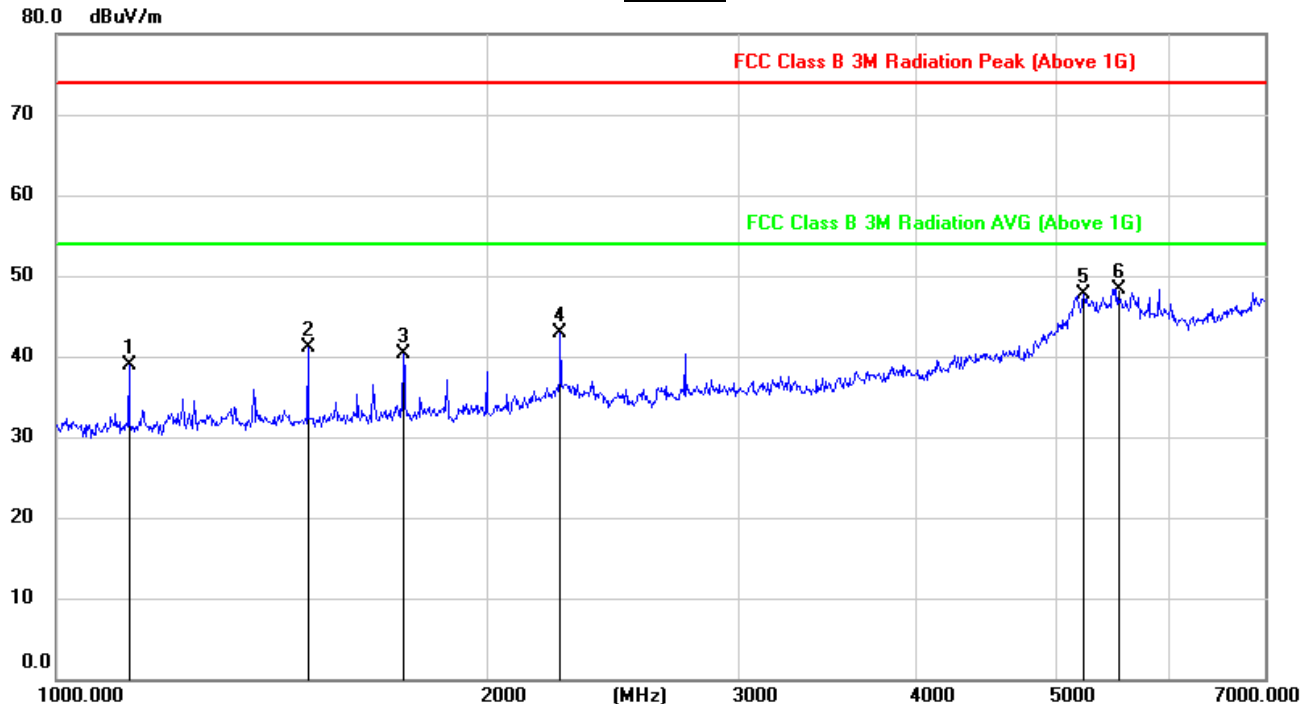
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

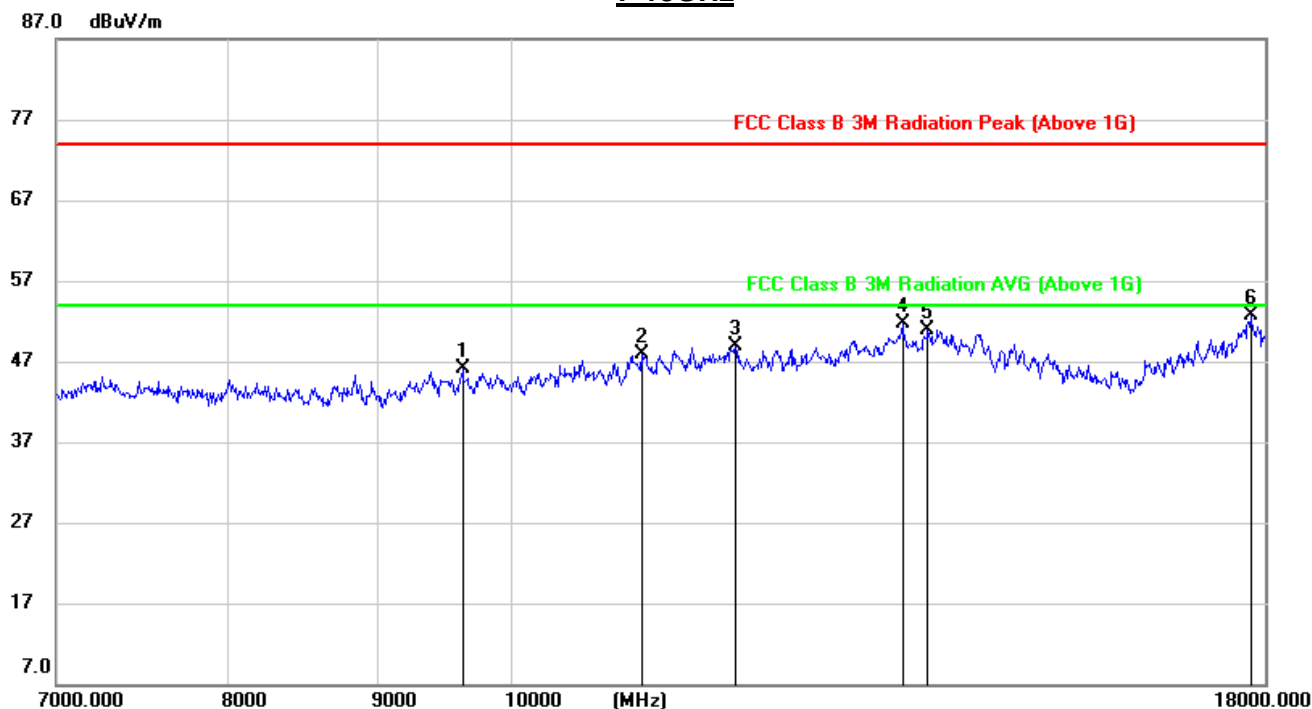


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	52.90	-14.04	38.86	74.00	-35.14	peak
2	1498.927	53.77	-12.71	41.06	74.00	-32.94	peak
3	1751.412	52.26	-11.89	40.37	74.00	-33.63	peak
4	2251.158	51.26	-8.36	42.90	74.00	-31.10	peak
5	5227.973	47.88	-0.12	47.76	74.00	-26.24	peak
6	5520.725	47.34	1.00	48.34	74.00	-25.66	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9623.362	36.36	9.76	46.12	74.00	-27.88	peak
2	11067.070	34.96	12.89	47.85	74.00	-26.15	peak
3	11901.894	34.21	14.75	48.96	74.00	-25.04	peak
4	13571.578	33.06	18.66	51.72	74.00	-22.28	peak
5	13843.439	32.05	18.82	50.87	74.00	-23.13	peak
6	17797.148	28.15	24.61	52.76	74.00	-21.24	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7.5.3.

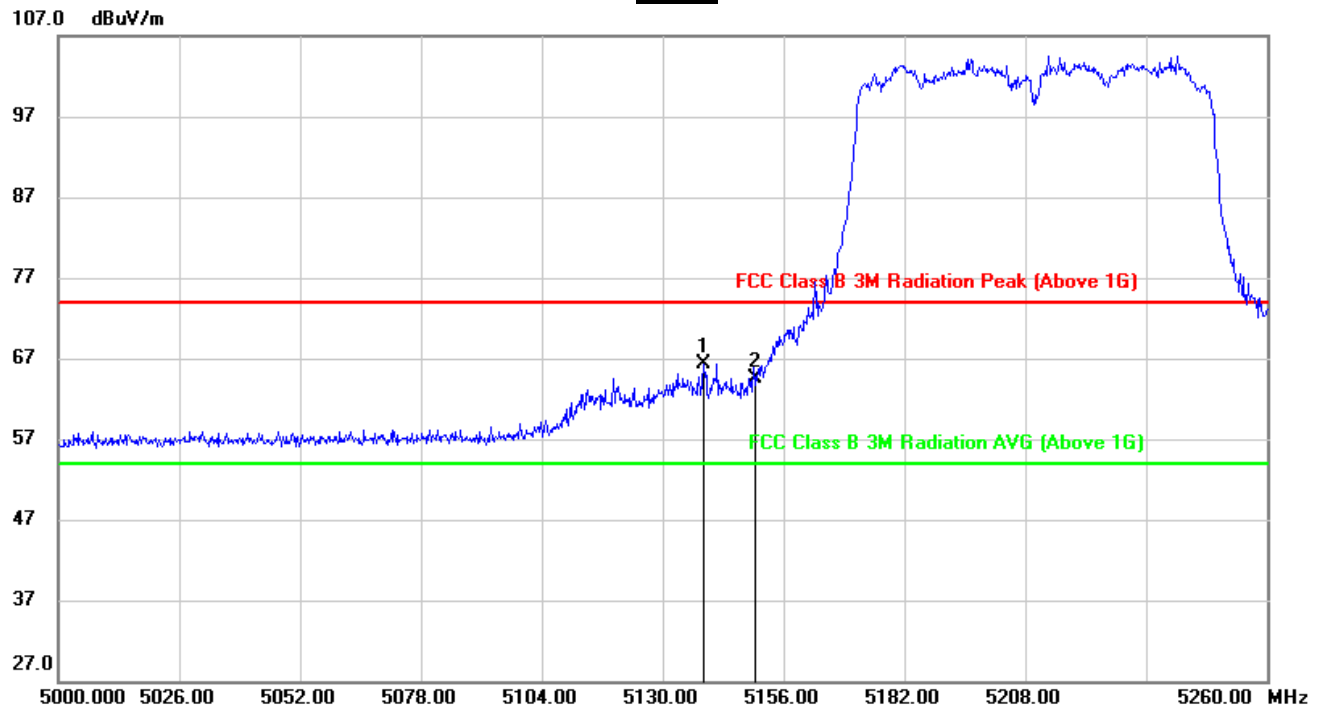
7.6. 802.11ac HT80 MODE

7.6.1. UNII-1 BAND

3TX (WORST-CASE CONFIGURATION)

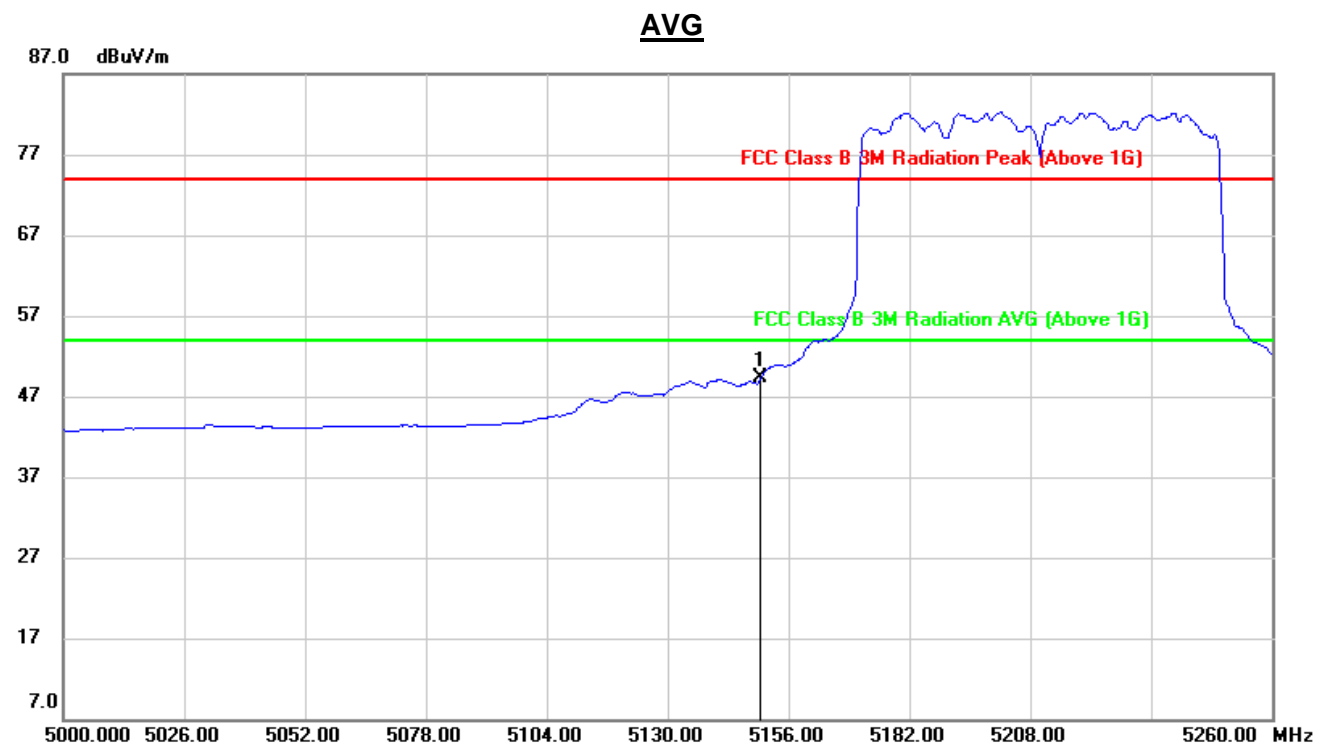
RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS PEAK



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.840	25.90	40.35	66.25	74.00	-7.75	peak
2	5150.000	24.13	40.40	64.53	74.00	-9.47	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

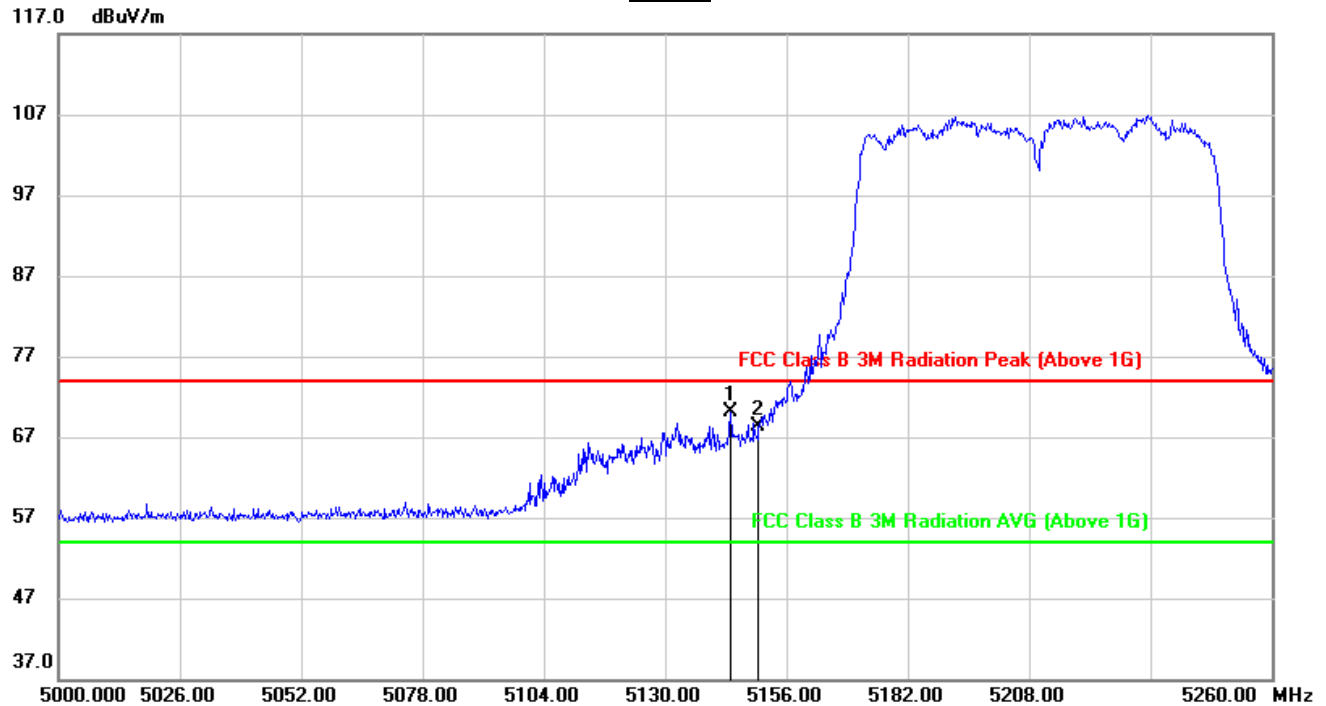


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	8.91	40.40	49.31	54.00	-4.69	AVG

Note: 1. Measurement = Reading Level + Correct Factor
2. AVG:VBW=1/T,(For the value of 1/T,please refer to the table on page 17).
3. For duty cycle, please refer to clause 6.1.



VERTICAL RESULTS
PEAK

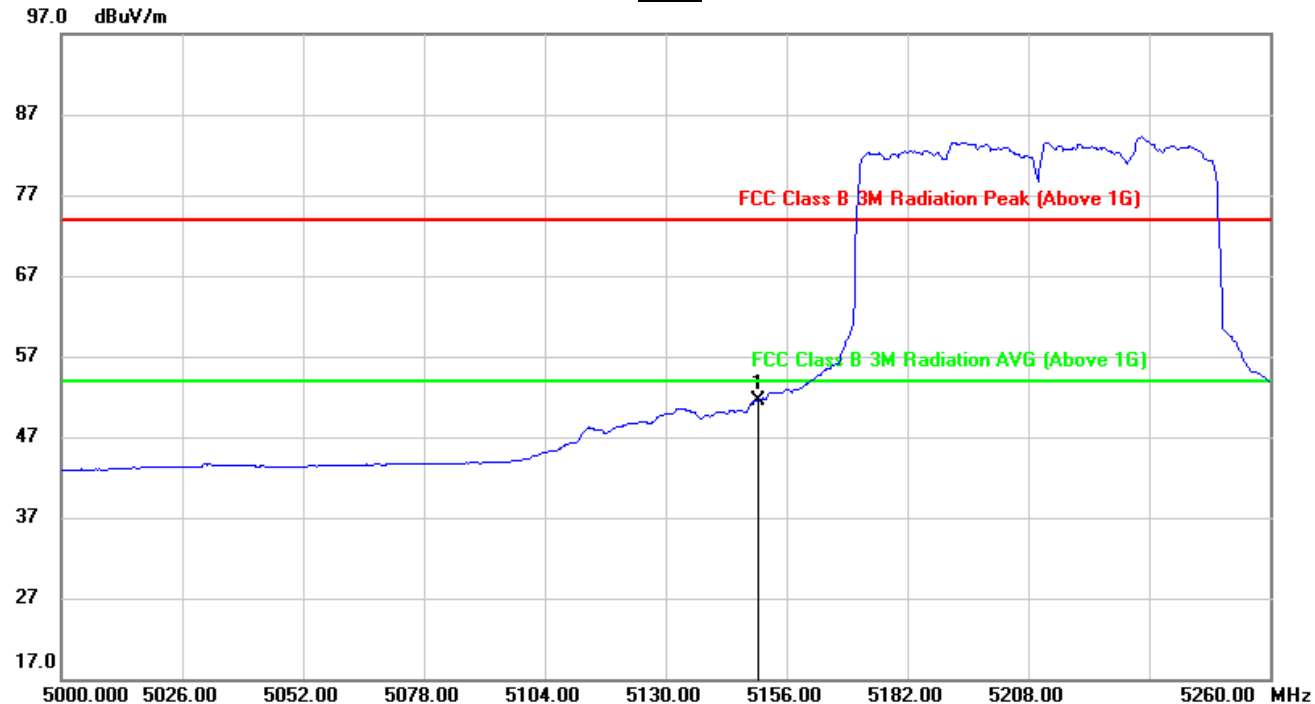


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.040	29.52	40.58	70.10	74.00	-3.90	peak
2	5150.000	27.62	40.60	68.22	74.00	-5.78	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.



AVG



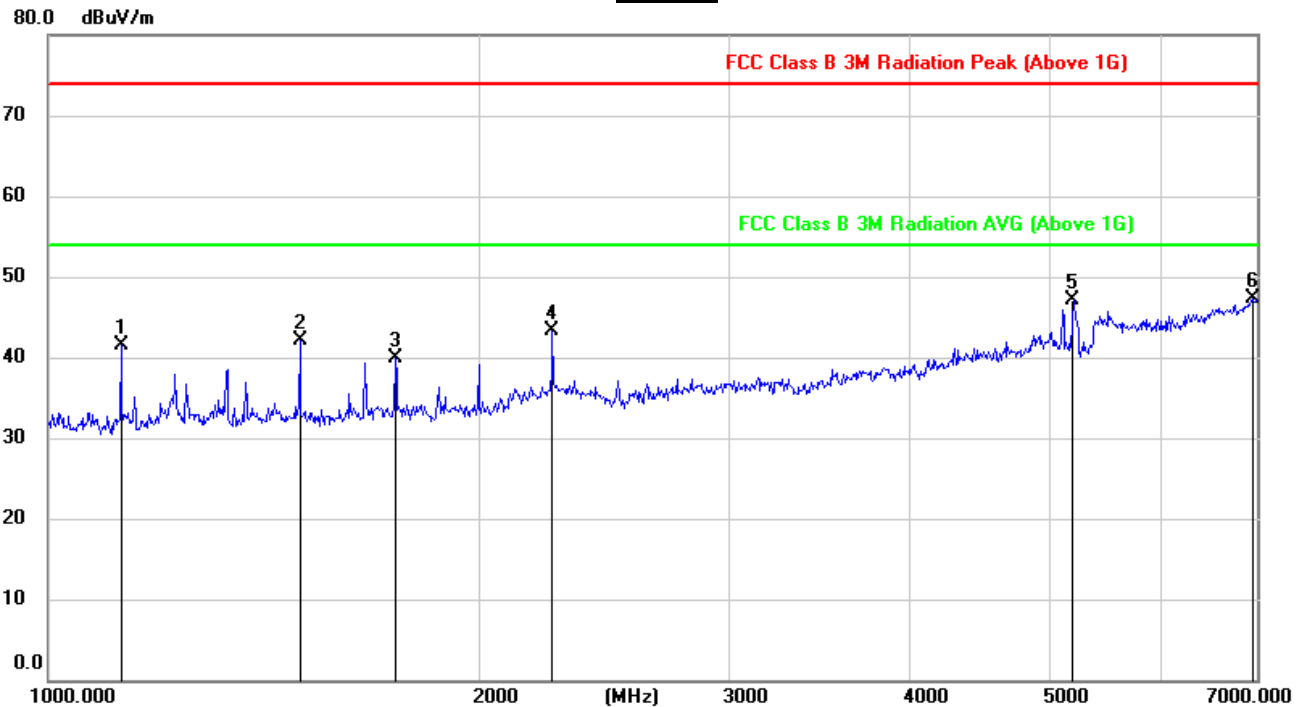
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	11.00	40.60	51.60	54.00	-2.40	AVG

Note: 1. Measurement = Reading Level + Correct Factor
2. AVG: $VBW=1/T$, (For the value of $1/T$, please refer to the table on page 17).
3. For duty cycle, please refer to clause 6.1.



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS 1-7GHz

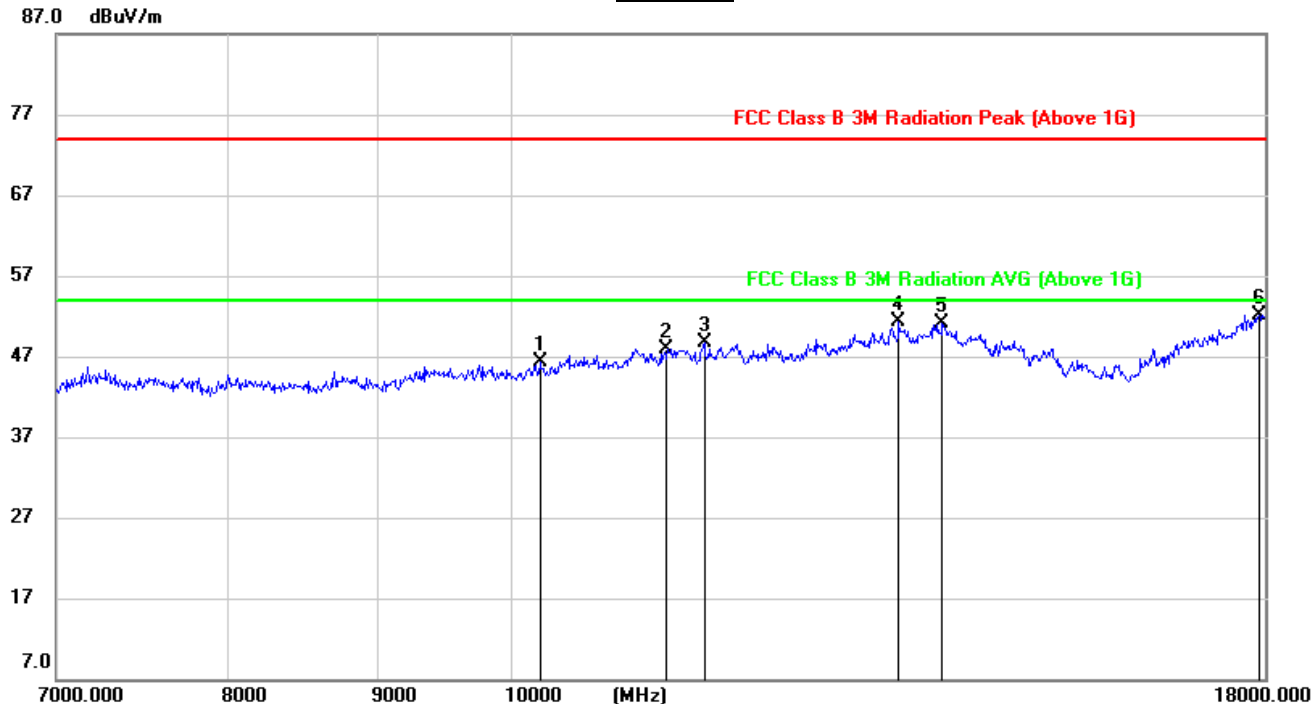


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	55.26	-13.79	41.47	74.00	-32.53	peak
2	1498.927	54.63	-12.61	42.02	74.00	-31.98	peak
3	1751.412	51.79	-11.89	39.90	74.00	-34.10	peak
4	2251.158	51.72	-8.36	43.36	74.00	-30.64	peak
5	5207.666	47.37	-0.19	47.18	74.00	-26.82	peak
6	6945.726	42.03	5.19	47.22	74.00	-26.78	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10213.341	35.53	10.85	46.38	74.00	-27.62	peak
2	11288.762	34.34	13.65	47.99	74.00	-26.01	peak
3	11624.164	34.41	14.22	48.63	74.00	-25.37	peak
4	13520.403	33.06	18.16	51.22	74.00	-22.78	peak
5	13988.010	32.52	18.49	51.01	74.00	-22.99	peak
6	17915.199	27.96	24.23	52.19	74.00	-21.81	peak

Note: 1. Measurement = Reading Level + Correct Factor.

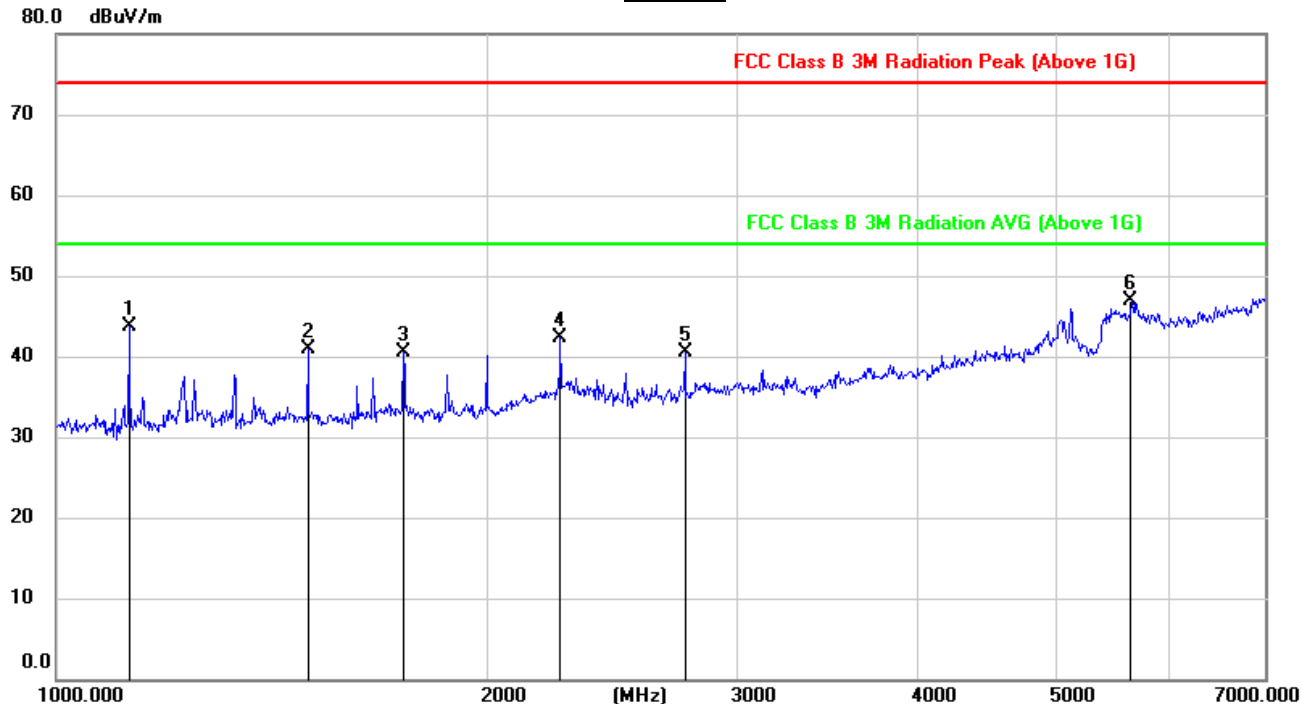
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	57.84	-14.04	43.80	74.00	-30.20	peak
2	1498.927	53.66	-12.71	40.95	74.00	-33.05	peak
3	1751.412	52.43	-11.89	40.54	74.00	-33.46	peak
4	2251.158	50.75	-8.36	42.39	74.00	-31.61	peak
5	2750.749	48.58	-8.04	40.54	74.00	-33.46	peak
6	5651.155	46.04	0.84	46.88	74.00	-27.12	peak

Note: 1. Measurement = Reading Level + Correct Factor.

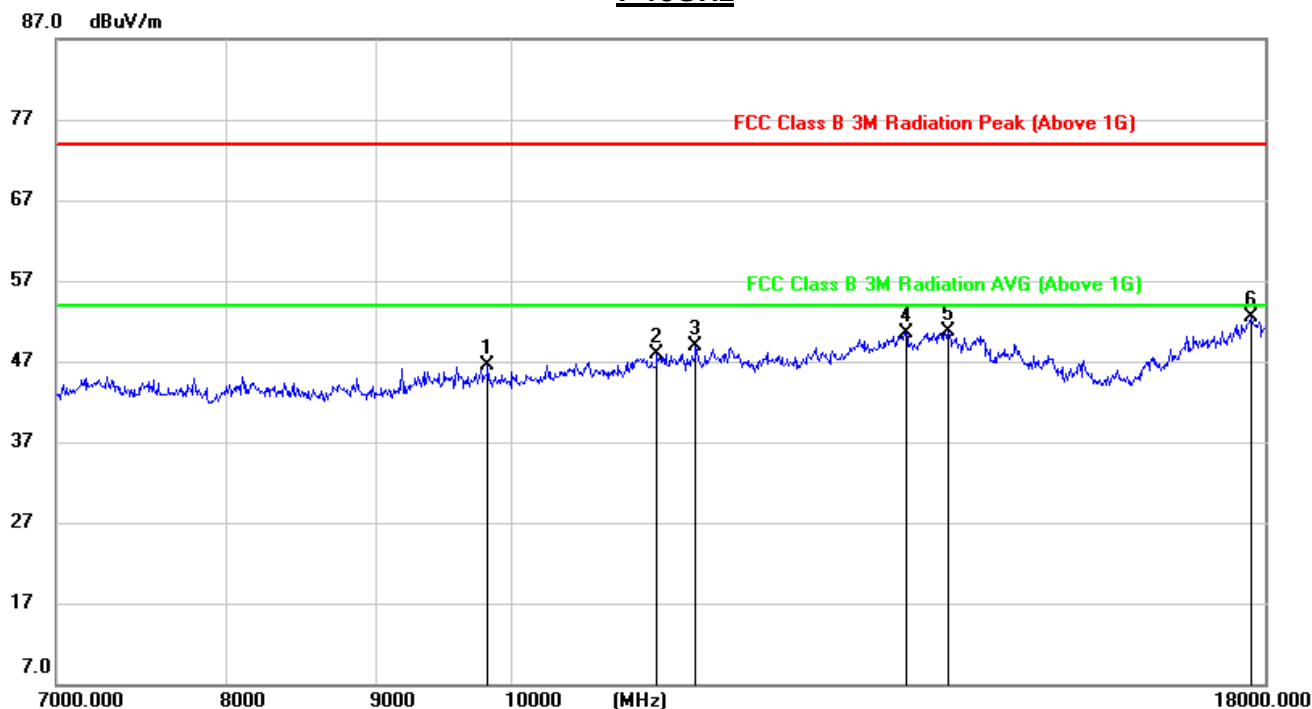
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9816.134	36.02	10.39	46.41	74.00	-27.59	peak
2	11193.213	34.51	13.48	47.99	74.00	-26.01	peak
3	11536.666	34.64	14.19	48.83	74.00	-25.17	peak
4	13597.238	32.19	18.37	50.56	74.00	-23.44	peak
5	14054.222	32.28	18.38	50.66	74.00	-23.34	peak
6	17813.965	28.17	24.42	52.59	74.00	-21.41	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.

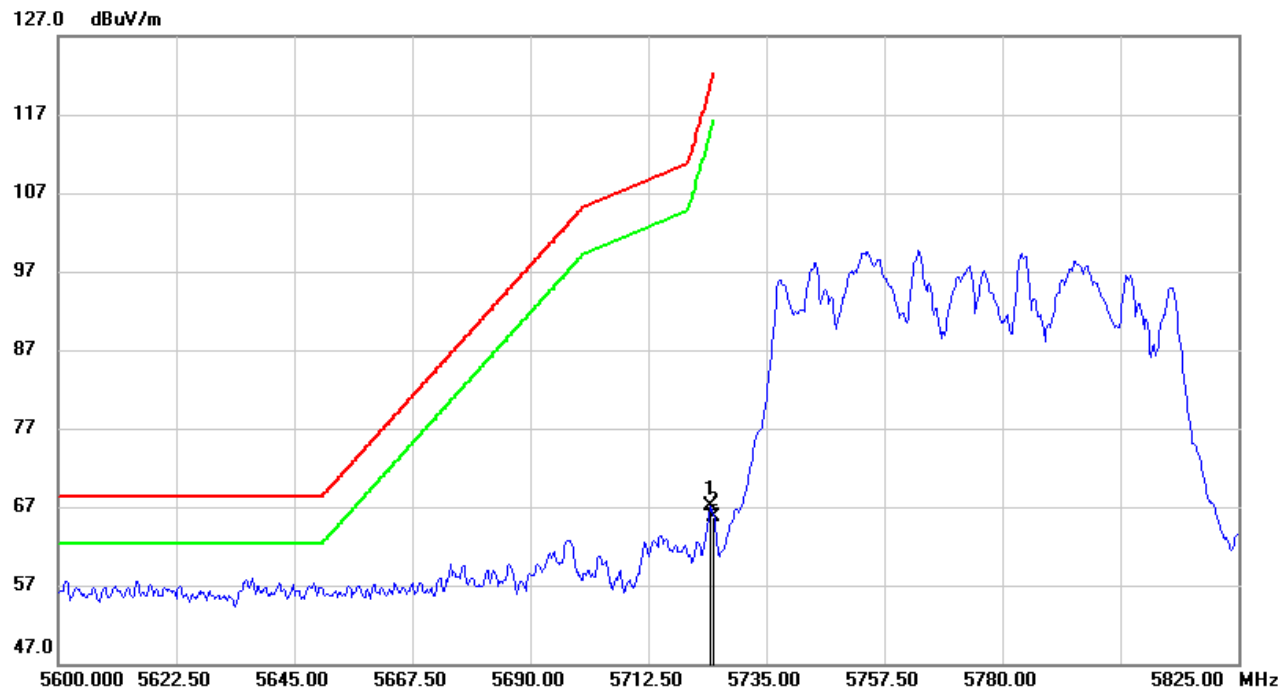


7.6.2. UNII-3 BAND

3TX (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS

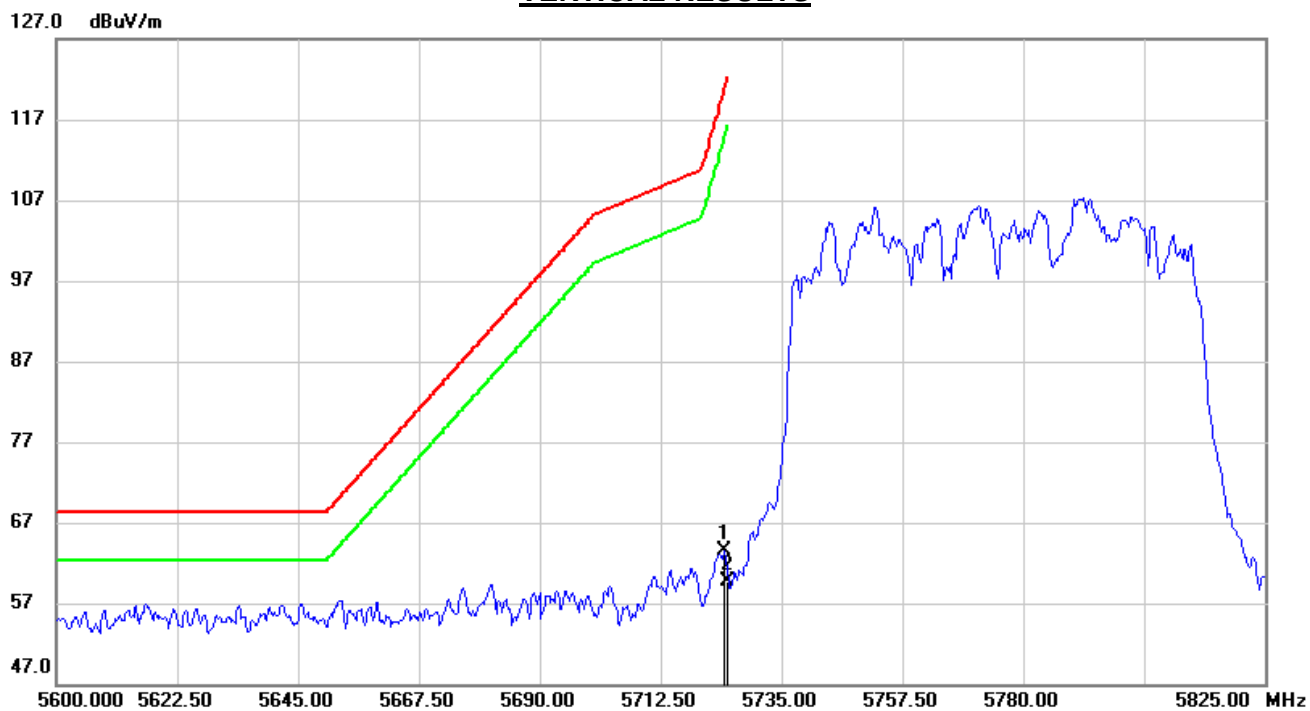


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5724.425	25.62	41.39	67.01	120.89	-53.88	peak
2	5725.000	24.26	41.39	65.65	122.20	-56.55	peak

Note: 1. Measurement = Reading Level + Correct Factor.



VERTICAL RESULTS



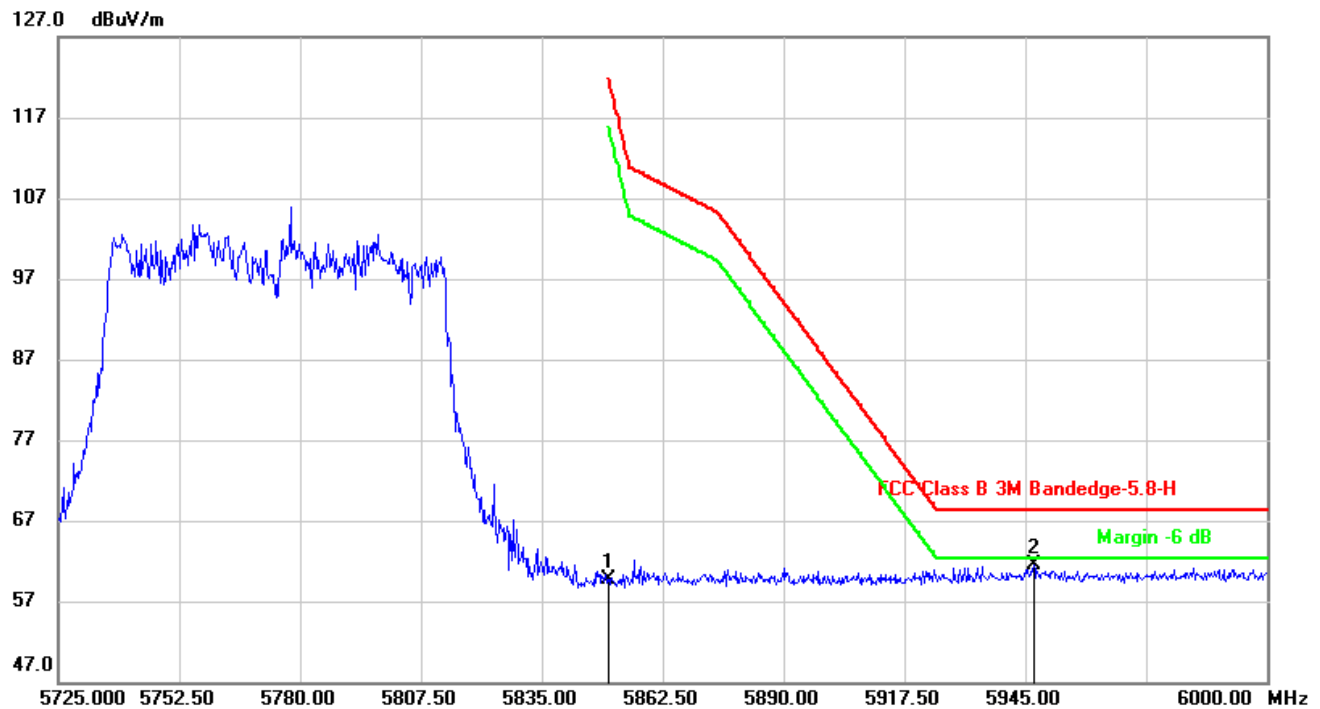
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5724.425	22.03	41.49	63.52	120.89	-57.37	peak
2	5725.000	18.26	41.49	59.75	122.20	-62.45	peak

Note: 1. Measurement = Reading Level + Correct Factor.



RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS



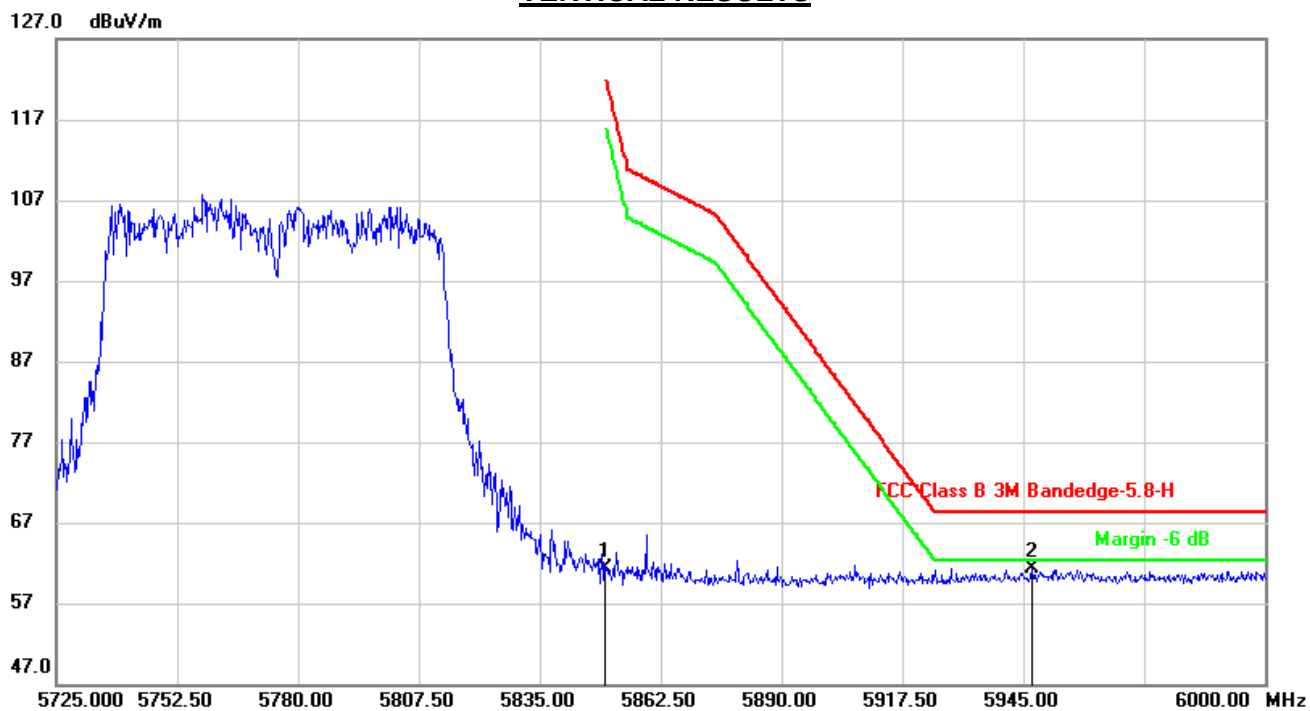
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.86	41.77	59.63	122.20	-62.57	peak
2	5946.925	19.43	41.99	61.42	68.20	-6.78	peak

Note: 1. Measurement = Reading Level + Correct Factor.

.



VERTICAL RESULTS



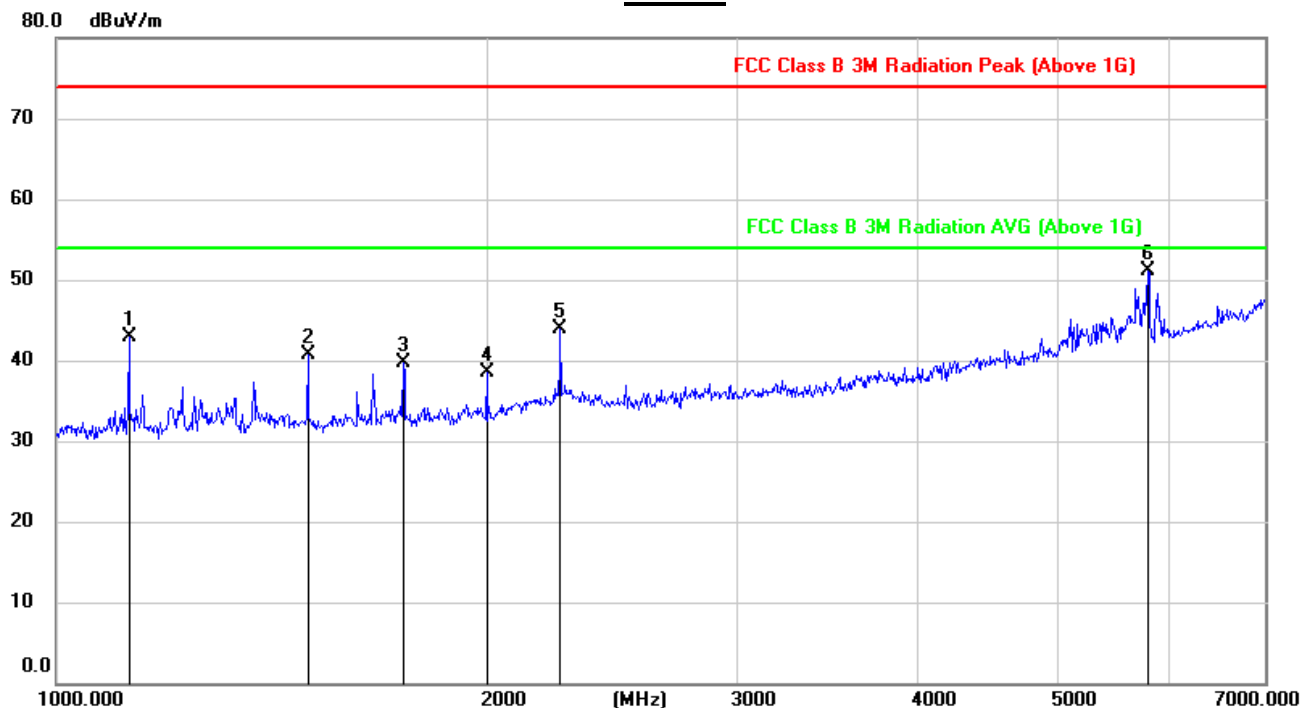
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	19.51	41.87	61.38	122.20	-60.82	peak
2	5946.925	19.16	42.09	61.25	68.20	-6.95	peak

Note: 1. Measurement = Reading Level + Correct Factor.



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

HORIZONTAL RESULTS 1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	56.64	-13.79	42.85	74.00	-31.15	peak
2	1498.927	53.29	-12.61	40.68	74.00	-33.32	peak
3	1751.412	51.63	-11.89	39.74	74.00	-34.26	peak
4	1999.194	49.72	-11.21	38.51	74.00	-35.49	peak
5	2251.158	52.36	-8.36	44.00	74.00	-30.00	peak
6	5795.935	49.72	1.30	51.02	74.00	-22.98	peak

Note: 1. Measurement = Reading Level + Correct Factor.

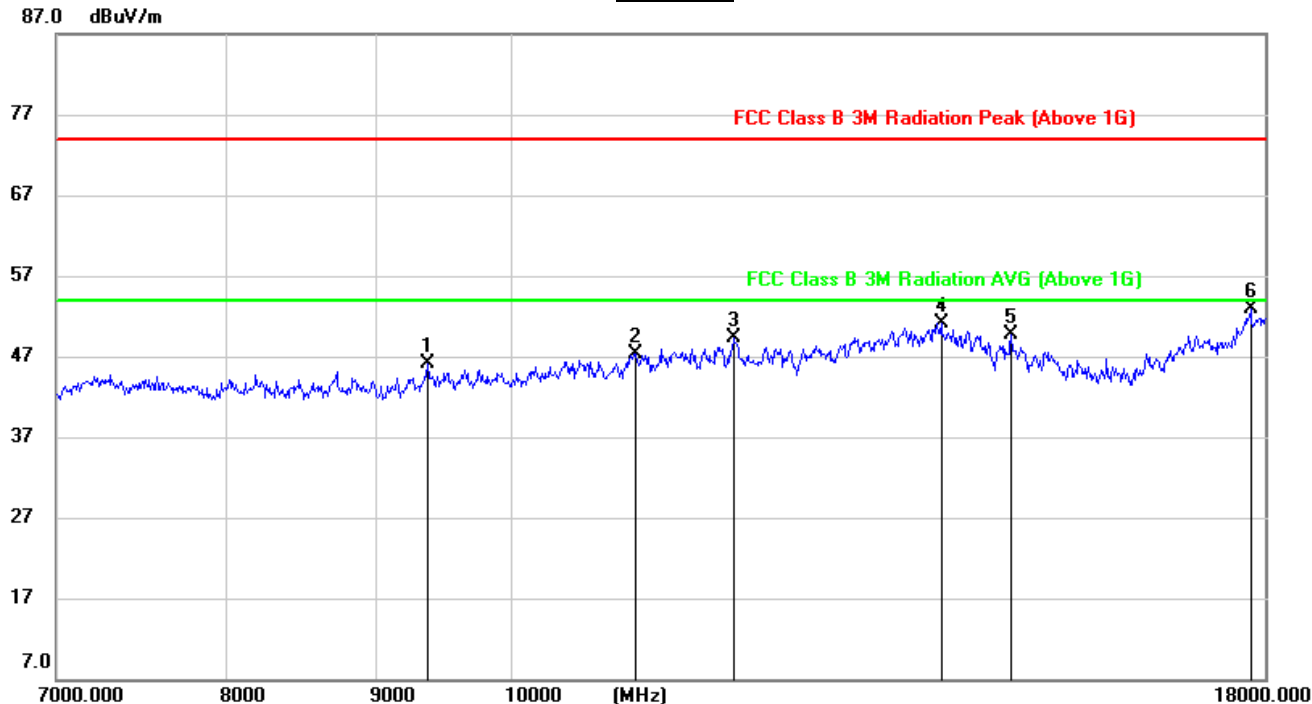
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

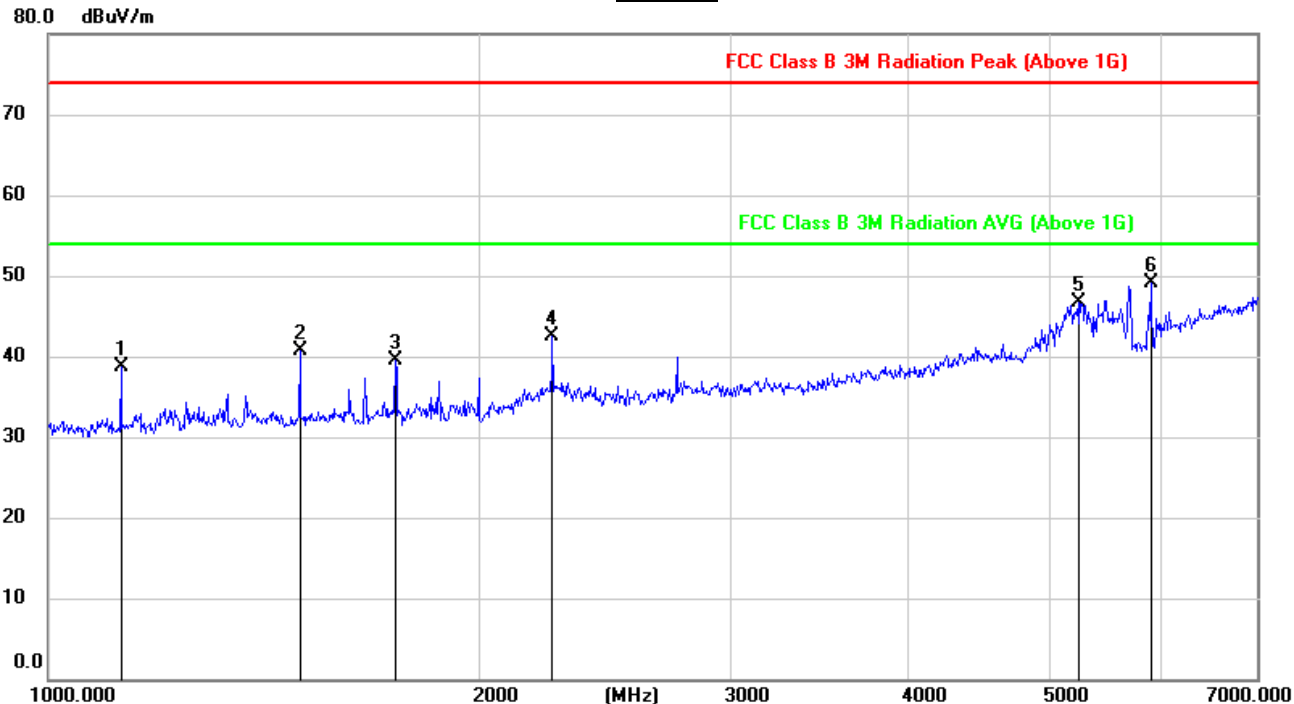


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.522	36.73	9.41	46.14	74.00	-27.86	peak
2	11014.931	34.37	12.87	47.24	74.00	-26.76	peak
3	11879.434	34.49	14.83	49.32	74.00	-24.68	peak
4	13974.805	32.57	18.51	51.08	74.00	-22.92	peak
5	14761.683	33.44	16.23	49.67	74.00	-24.33	peak
6	17797.148	28.65	24.21	52.86	74.00	-21.14	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1123.844	52.65	-14.04	38.61	74.00	-35.39	peak
2	1498.927	53.34	-12.71	40.63	74.00	-33.37	peak
3	1751.412	51.42	-11.89	39.53	74.00	-34.47	peak
4	2251.158	50.93	-8.36	42.57	74.00	-31.43	peak
5	5248.359	46.88	-0.21	46.67	74.00	-27.33	peak
6	5909.823	47.63	1.54	49.17	74.00	-24.83	peak

Note: 1. Measurement = Reading Level + Correct Factor.

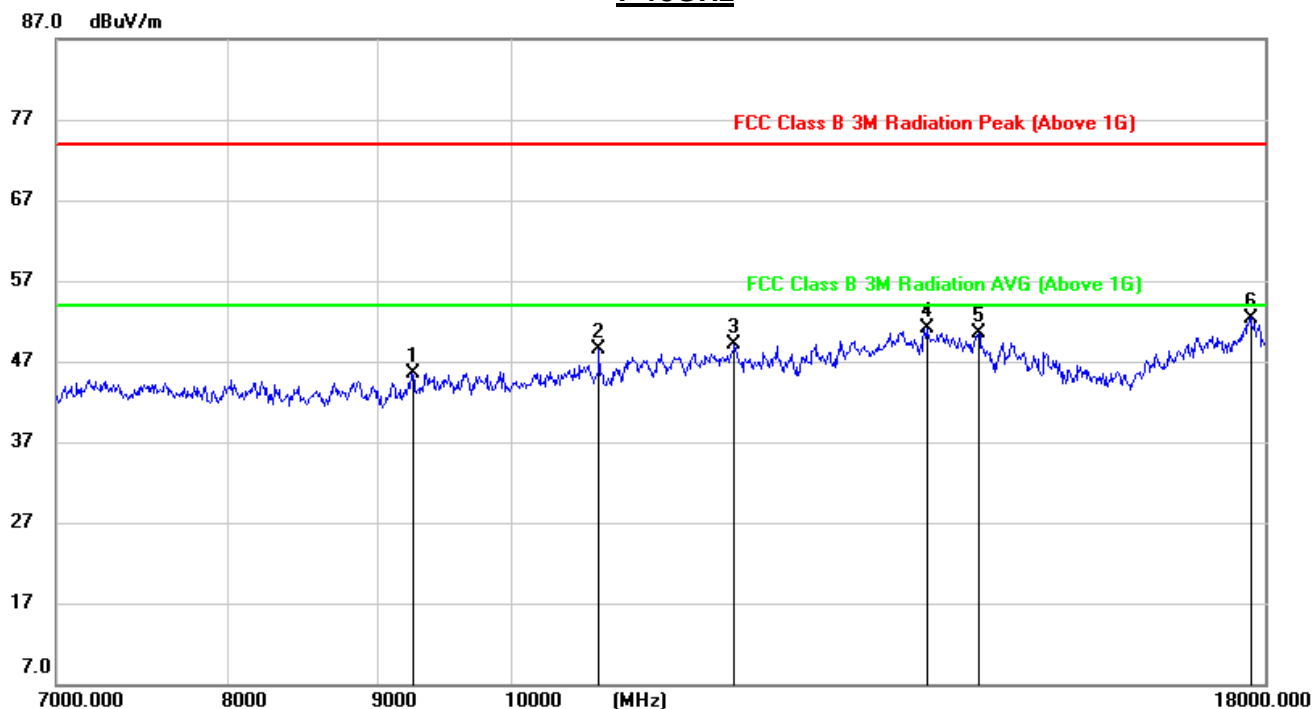
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9249.101	36.58	8.90	45.48	74.00	-28.52	peak
2	10697.108	36.43	12.14	48.57	74.00	-25.43	peak
3	11890.659	34.31	14.75	49.06	74.00	-24.94	peak
4	13830.371	32.26	18.89	51.15	74.00	-22.85	peak
5	14390.012	32.20	18.32	50.52	74.00	-23.48	peak
6	17797.148	27.79	24.61	52.40	74.00	-21.60	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 210), so all the test point were deemed to comply with the limits list in the standard.



7.7. SPURIOUS EMISSIONS 26~40GHz

7.7.1. 802.11a MODE

3TX (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

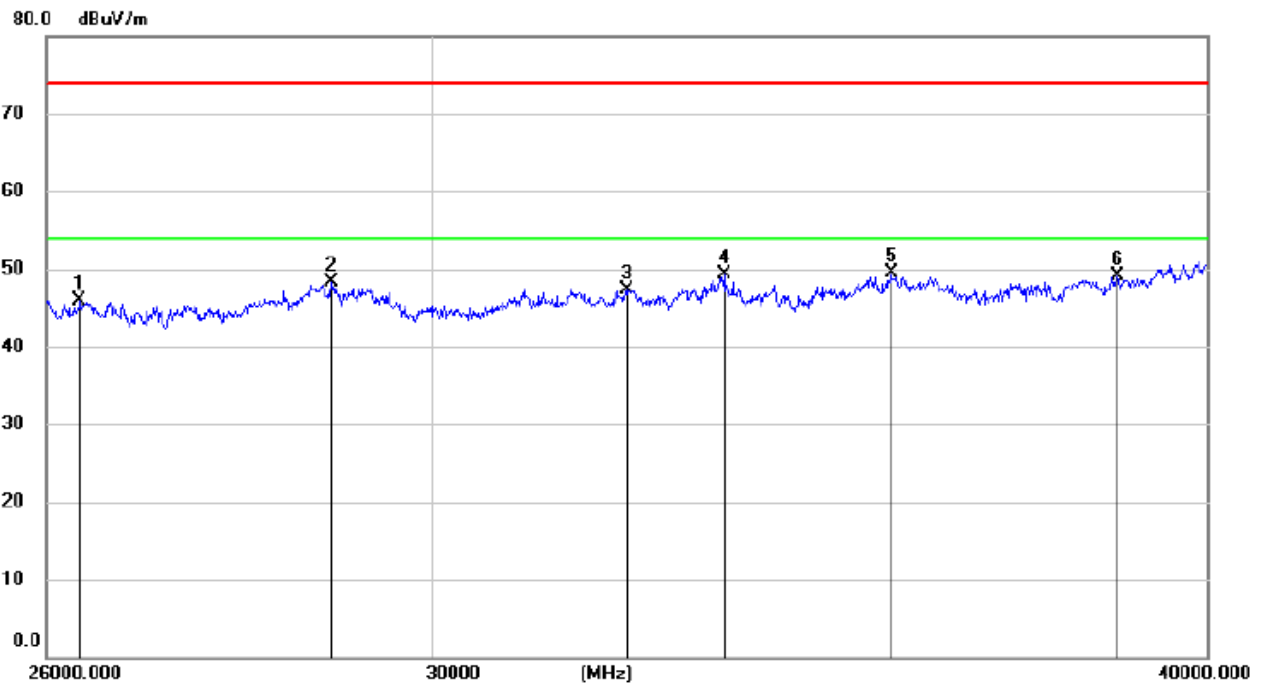


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		27074.44	51.04	-4.59	46.45	74.00	-27.55			peak
2		27580.63	49.94	-2.93	47.01	74.00	-26.99			peak
3		28968.90	47.01	1.04	48.05	74.00	-25.95			peak
4		33437.35	46.26	2.39	48.65	74.00	-25.35			peak
5		34018.52	48.11	1.84	49.95	74.00	-24.05			peak
6	*	37191.38	46.18	3.90	50.08	74.00	-23.92			peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.



SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		26326.84	50.96	-5.06	45.90	74.00	-28.10			peak
2		28906.57	47.12	1.22	48.34	74.00	-25.66			peak
3		32249.03	48.55	-1.23	47.32	74.00	-26.68			peak
4		33437.35	47.00	2.39	49.39	74.00	-24.61			peak
5	*	35577.25	46.69	2.80	49.49	74.00	-24.51			peak
6		38694.95	44.36	4.74	49.10	74.00	-24.90			peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

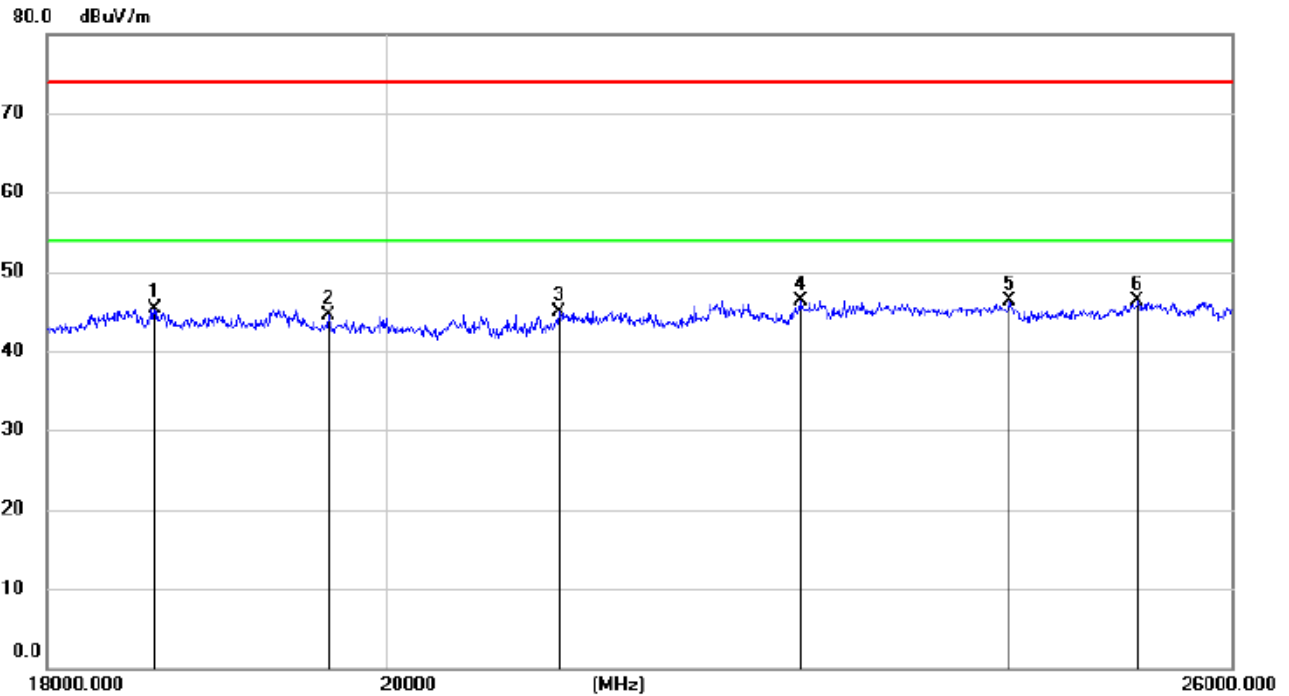


7.8. SPURIOUS EMISSIONS 18~26GHz

7.8.1. 802.11a MODE

3TX (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)

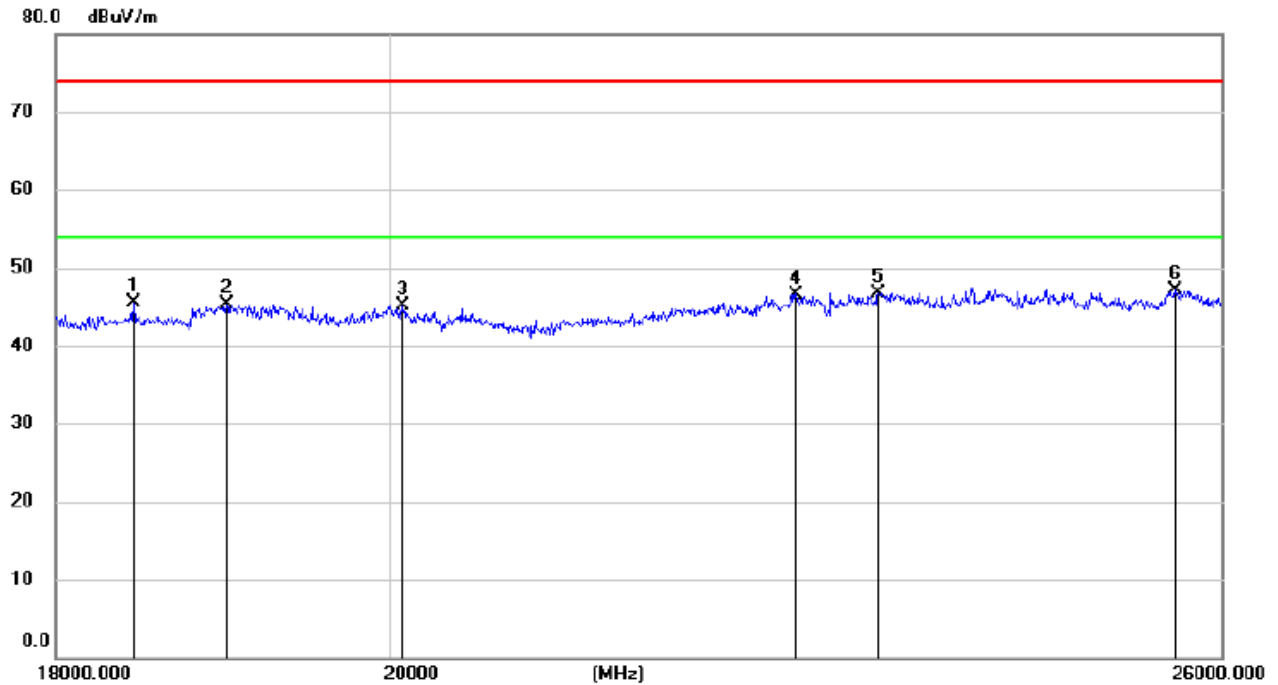


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		18612.52	50.74	-5.34	45.40	74.00	-28.60	peak		
2		19646.32	49.86	-5.38	44.48	74.00	-29.52	peak		
3		21099.06	49.82	-4.83	44.99	74.00	-29.01	peak		
4		22742.71	49.96	-3.70	46.26	74.00	-27.74	peak		
5	*	24263.28	49.11	-2.81	46.30	74.00	-27.70	peak		
6		25255.55	47.91	-1.67	46.24	74.00	-27.76	peak		

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.



SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		18448.98	50.77	-5.32	45.45	74.00	-28.55			peak
2		18999.77	50.43	-5.22	45.21	74.00	-28.79			peak
3		20084.60	50.59	-5.50	45.09	74.00	-28.91			peak
4		22734.35	50.30	-3.70	46.60	74.00	-27.40			peak
5		23335.72	50.01	-3.28	46.73	74.00	-27.27			peak
6	*	25620.36	48.31	-1.22	47.09	74.00	-26.91			peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

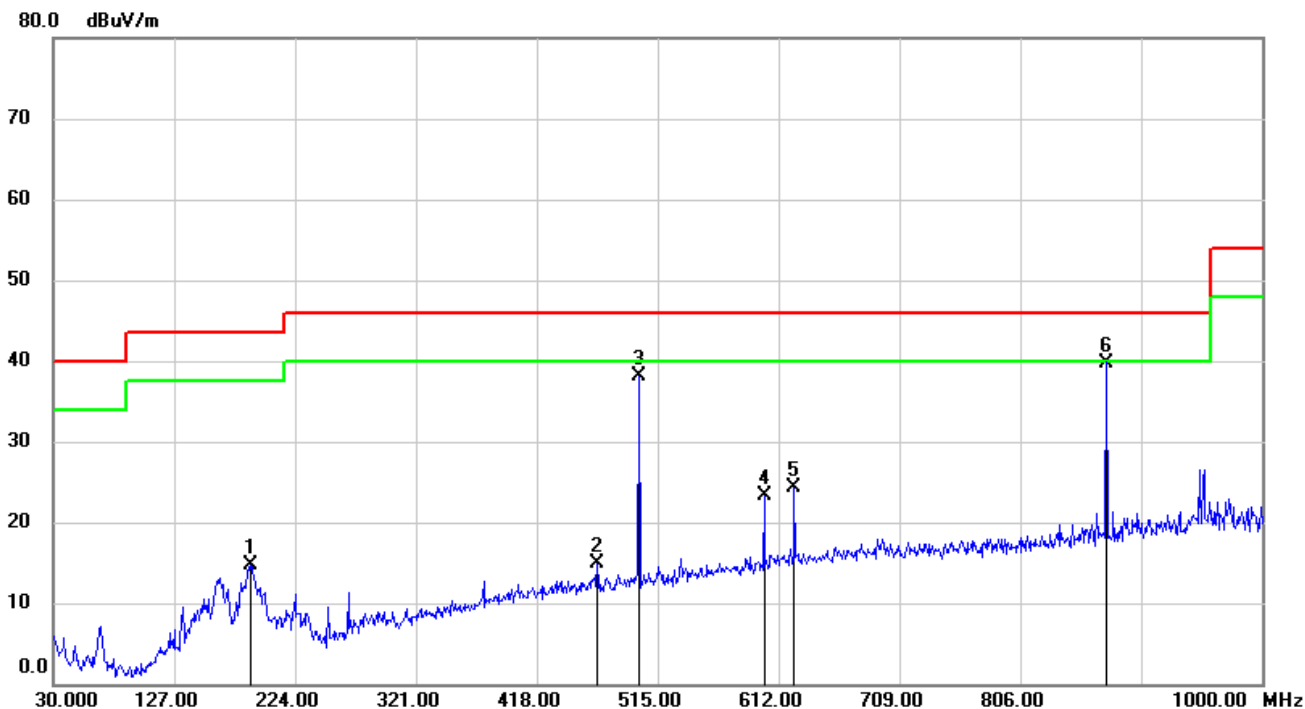


7.9. SPURIOUS EMISSIONS 30M ~ 1 GHz

7.9.1. 802.11a MODE

3TX (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (LOW CHANNEL HORIZONTAL)

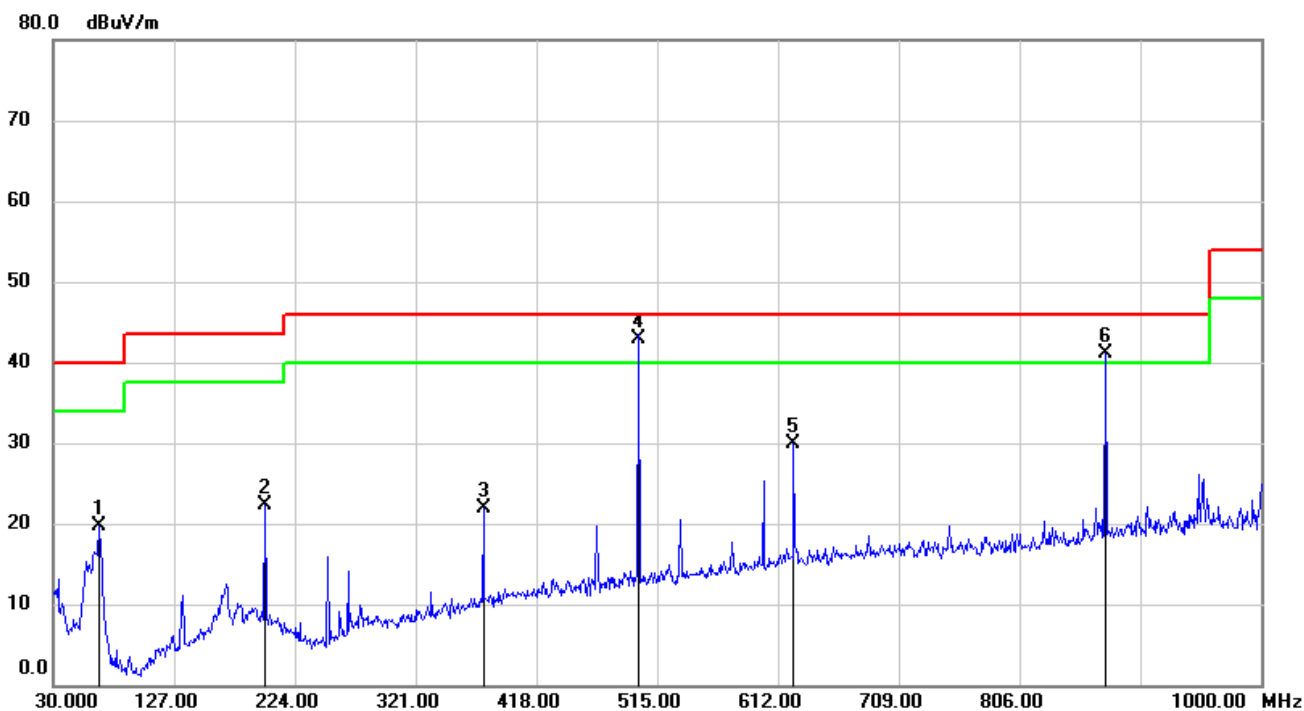


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	188.1100	29.75	-15.00	14.75	43.50	-28.75	QP
2	466.5000	26.35	-11.53	14.82	46.00	-31.18	QP
3	500.4500	49.27	-11.11	38.16	46.00	-7.84	QP
4	600.3600	32.28	-9.01	23.27	46.00	-22.73	QP
5	624.6100	33.05	-8.80	24.25	46.00	-21.75	QP
6	874.8700	45.50	-5.70	39.80	46.00	-6.20	QP

- Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.



SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	66.8600	41.31	-21.52	19.79	40.00	-20.21	QP
2	199.7500	37.13	-14.88	22.25	43.50	-21.25	QP
3	375.3200	34.98	-13.05	21.93	46.00	-24.07	QP
4	500.4500	54.08	-11.11	42.97	46.00	-3.03	QP
5	624.6100	38.64	-8.80	29.84	46.00	-16.16	QP
6	874.8700	46.83	-5.70	41.13	46.00	-4.87	QP

Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

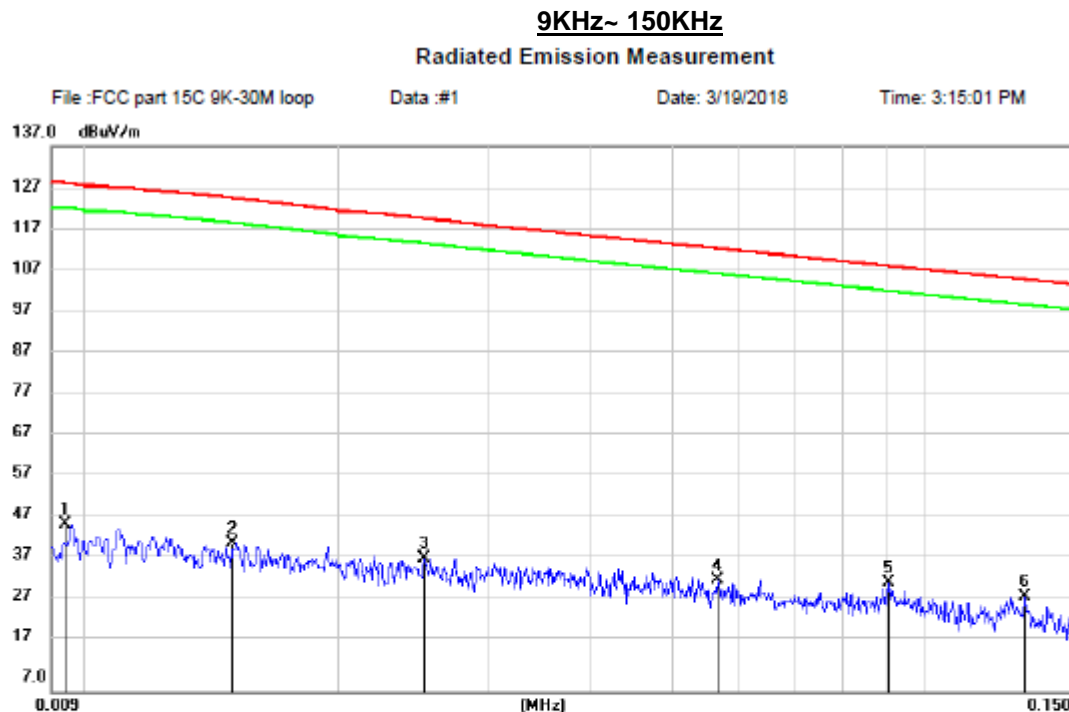


7.10. SPURIOUS EMISSIONS BELOW 30M

7.10.1. 802.11a MODE

3TX (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (LOW CHANNEL HORIZONTAL)



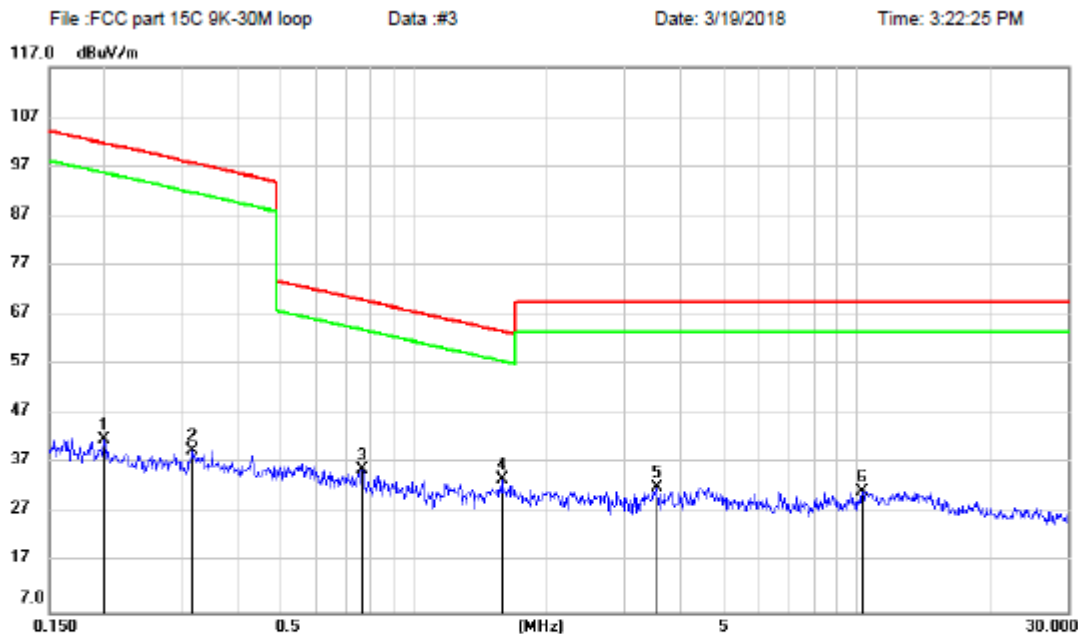
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		0.0094	26.55	20.26	46.81	128.0	-81.25	QP		
2		0.0149	22.12	20.26	42.38	124.6	-82.27	QP		
3		0.0252	18.44	20.31	38.75	119.7	-81.00	QP		
4		0.0567	13.12	20.31	33.43	112.5	-79.13	QP		
5		0.0908	12.49	20.26	32.75	108.4	-75.70	QP		
6	*	0.1322	9.26	20.35	29.61	105.1	-75.58	QP		

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



150KHz ~ 30M
Radiated Emission Measurement



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		0.1995	21.53	20.37	41.90	101.6	-59.70	QP		
2		0.3165	19.25	20.30	39.55	97.65	-58.10	QP		
3		0.7630	15.34	20.36	35.70	69.97	-34.27	QP		
4	*	1.5766	13.17	20.58	33.75	63.65	-29.90	QP		
5		3.5278	11.15	20.98	32.13	69.54	-37.41	QP		
6		10.2873	10.39	21.05	31.44	69.54	-38.10	QP		

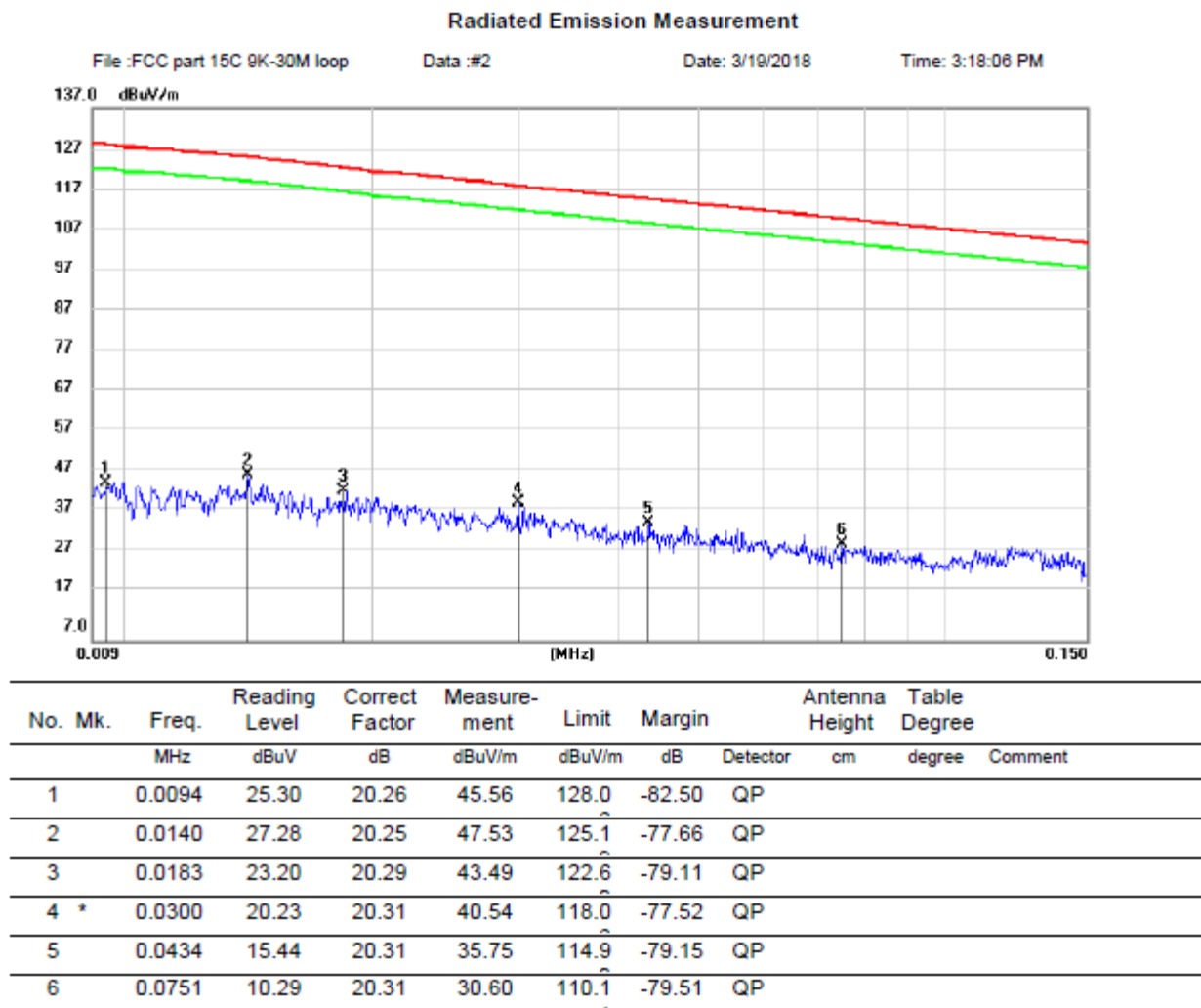
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

9KHz~ 150KHz



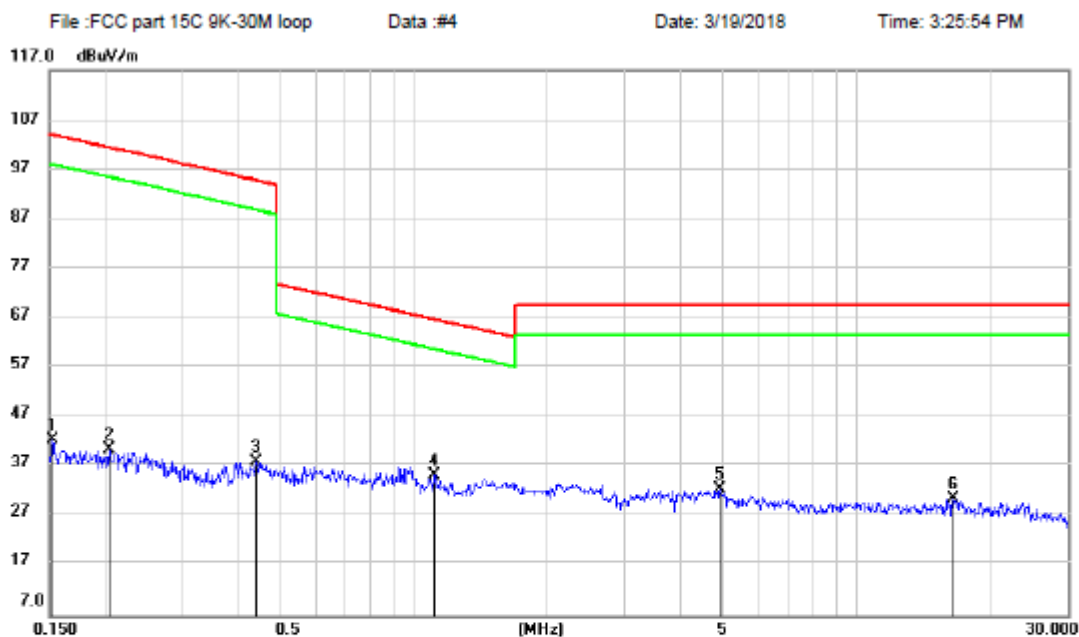
Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.



150KHz ~ 30M

Radiated Emission Measurement



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	Factor	ment			Height	Degree	
					dBuV/m	dBuV/m		cm	degree	Comment
1		0.1524	21.94	20.42	42.36	103.9	-61.59	QP		
2		0.2048	19.98	20.36	40.34	101.4	-61.07	QP		
3		0.4395	17.73	20.26	37.99	94.79	-56.80	QP		
4	*	1.1109	14.67	20.41	35.08	66.70	-31.62	QP		
5		4.8997	11.66	20.84	32.50	69.54	-37.04	QP		
6		16.4856	9.48	20.96	30.44	69.54	-39.10	QP		

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

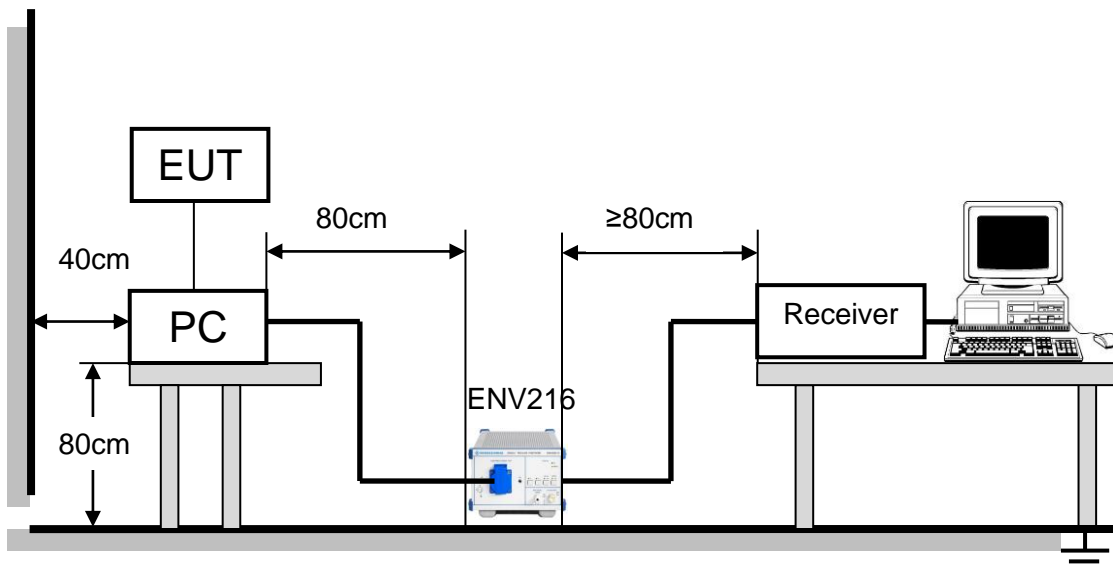
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a) and RSS-Gen Clause 8.8

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

TEST SETUP AND PROCEDURE



The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 7 and 13 of ANSI C63.10-2013. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz. The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

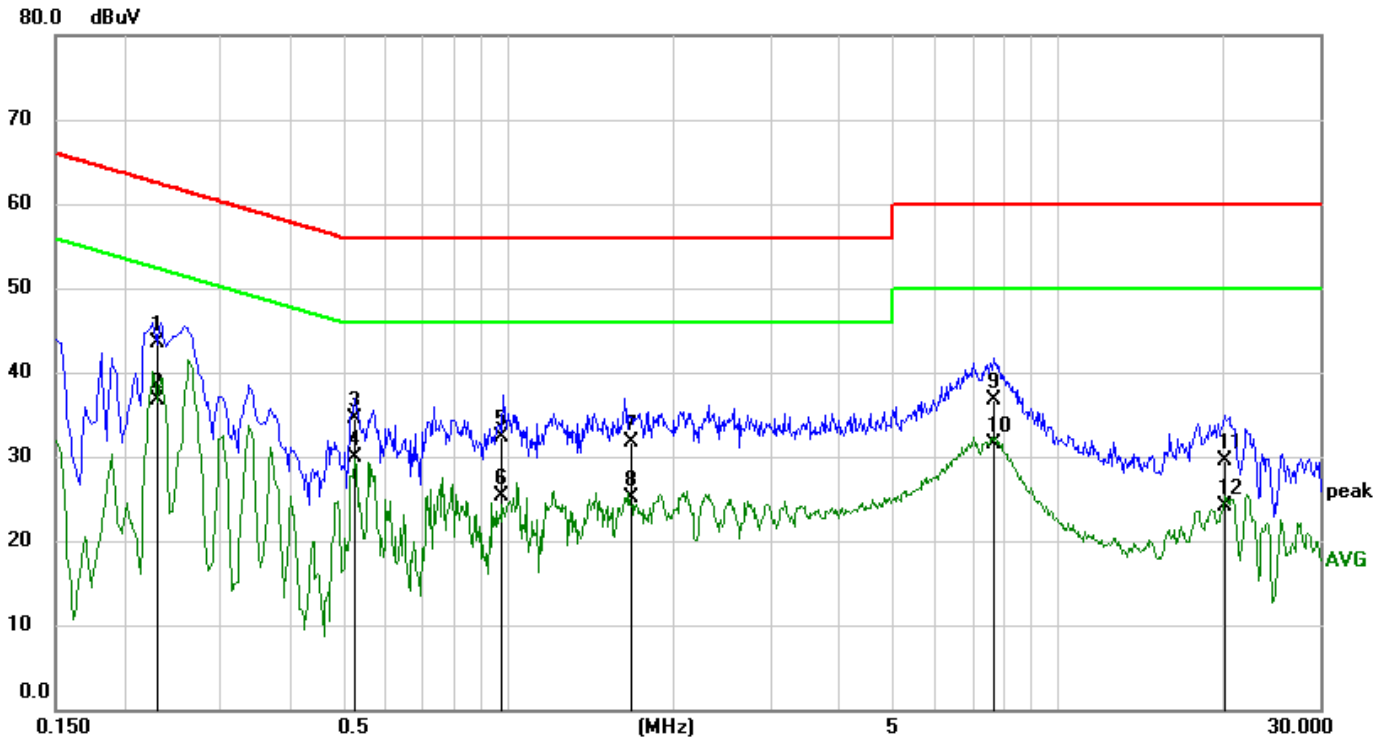
TEST RESULT



8.1. 802.11n20 CDD MODE

3TX (WORST-CASE CONFIGURATION)

LINE N RESULTS (LOW CHANNEL)



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2303	33.84	9.63	43.47	62.44	-18.97	QP
2	0.2303	27.01	9.63	36.64	52.44	-15.80	AVG
3	0.5293	24.85	9.63	34.48	56.00	-21.52	QP
4	0.5293	20.21	9.63	29.84	46.00	-16.16	AVG
5	0.9773	22.75	9.63	32.38	56.00	-23.62	QP
6	0.9773	15.73	9.63	25.36	46.00	-20.64	AVG
7	1.6723	22.08	9.65	31.73	56.00	-24.27	QP
8	1.6723	15.39	9.65	25.04	46.00	-20.96	AVG
9	7.6489	26.90	9.84	36.74	60.00	-23.26	QP
10	7.6489	21.61	9.84	31.45	50.00	-18.55	AVG
11	20.1402	19.61	9.89	29.50	60.00	-30.50	QP
12	20.1402	14.28	9.89	24.17	50.00	-25.83	AVG

Note: 1. Result = Reading + Correct Factor.

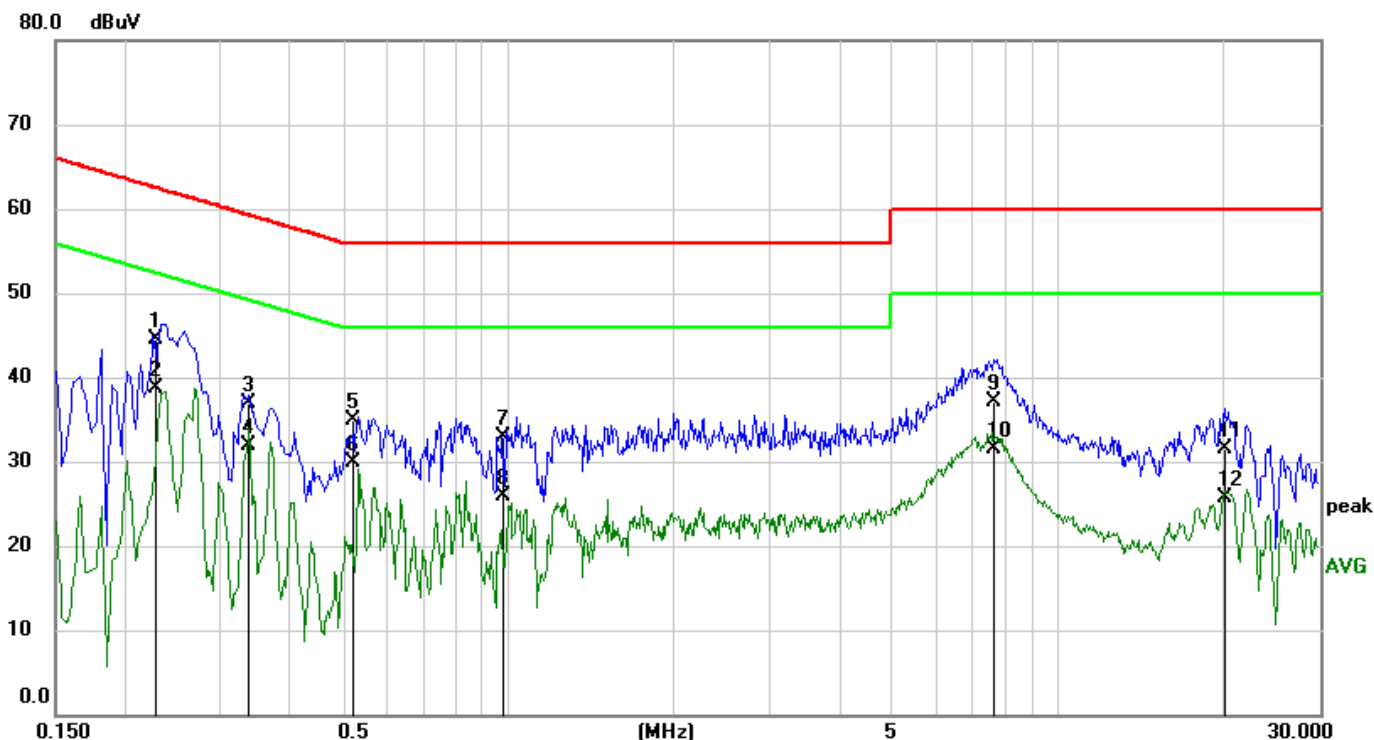
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).

4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.



LINE L RESULTS (LOW CHANNEL)



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2292	34.88	9.63	44.51	62.48	-17.97	QP
2	0.2292	29.08	9.63	38.71	52.48	-13.77	AVG
3	0.3344	27.29	9.63	36.92	59.34	-22.42	QP
4	0.3344	22.24	9.63	31.87	49.34	-17.47	AVG
5	0.5246	25.27	9.63	34.90	56.00	-21.10	QP
6	0.5246	20.22	9.63	29.85	46.00	-16.15	AVG
7	0.9832	23.27	9.64	32.91	56.00	-23.09	QP
8	0.9832	16.29	9.64	25.93	46.00	-20.07	AVG
9	7.6369	27.22	9.84	37.06	60.00	-22.94	QP
10	7.6369	21.72	9.84	31.56	50.00	-18.44	AVG
11	20.0464	21.70	9.86	31.56	60.00	-28.44	QP
12	20.0464	15.92	9.86	25.78	50.00	-24.22	AVG

- Note: 1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.



9. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation

TEST SETUP AND PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

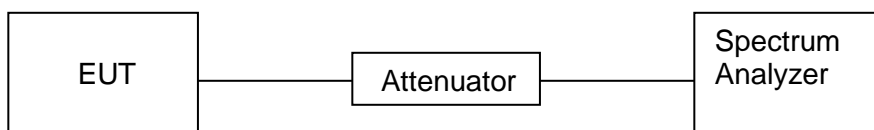
Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10KHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

User manual temperature is 0°C~60°C.

TEST SETUP





TEST RESULTS (WORST-CASE CONFIGURATION)

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant A	5200	TN	VL	5200.04	7.69	PASS
			TN	VN	5200.04	7.69	PASS
			TN	VH	5200.05	9.62	PASS
11A	Ant A	5785	TN	VL	5785.04	6.91	PASS
			TN	VN	5785.04	6.91	PASS
			TN	VH	5785.03	5.19	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant A	5200	65	VN	5200.04	7.69	PASS
			60	VN	5200.05	9.62	PASS
			50	VN	5200.02	3.85	PASS
			40	VN	5200.03	5.77	PASS
			30	VN	5200.01	1.92	PASS
			20	VN	5200.02	3.85	PASS
			10	VN	5200.05	9.62	PASS
			0	VN	5200.03	5.77	PASS
			-10	VN	5200.02	3.85	PASS
			-20	VN	5200.04	7.69	PASS
			-30	VN	5200.03	5.77	PASS
			-40	VN	5200.02	3.85	PASS
11A	Ant A	5785	65	VN	5785.05	8.64	PASS
			60	VN	5785.04	6.91	PASS
			50	VN	5785.04	6.91	PASS
			40	VN	5785.03	5.19	PASS
			30	VN	5785.04	6.91	PASS
			20	VN	5785.04	6.91	PASS