



Appendix H

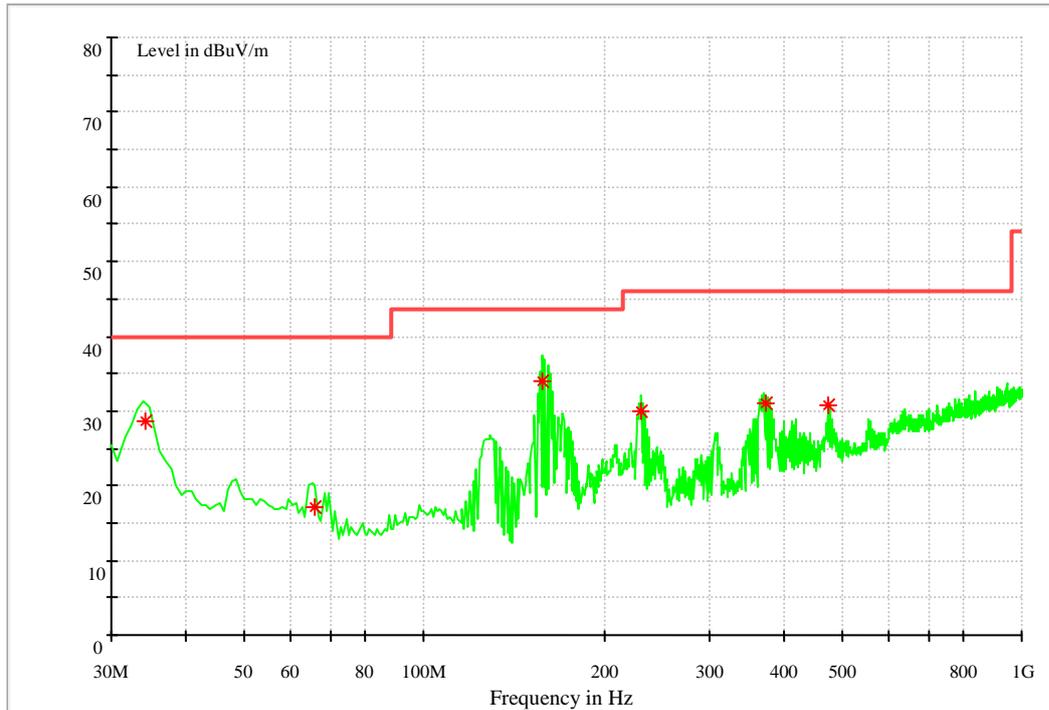
Radiated spurious emission

According to FCC Part 15.247 (d) & 15.205 & 15.209



Part 1: Testing Range of “30 MHz to 1 GHz”

- Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.
- Note 2: **The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).**

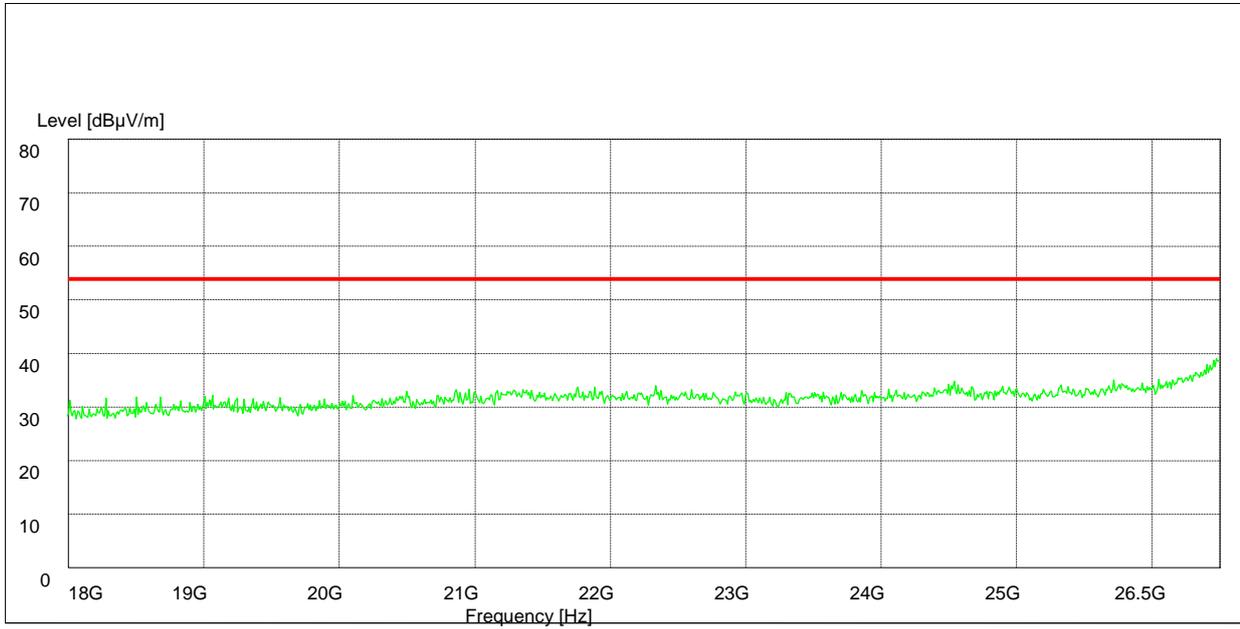


Frequency MHz	Level dBuV/m	Transd dB	Limit dBuV/m	Margin dB	Height cm	Azimuth deg	Plarization
34.290880	28.6	12.0	40.0	11.4	114.0	-6.0	VERTICAL
65.690240	17.1	10.4	40.0	22.9	103.0	-6.0	VERTICAL
158.272320	34.0	9.9	43.5	9.5	100.0	185.0	VERTICAL
231.398720	29.9	13.8	46.0	16.1	100.0	174.0	VERTICAL
374.651520	31.0	18.0	46.0	15.0	100.0	289.0	HORIZONTAL
476.048320	30.7	20.6	46.0	15.3	100.0	216.0	VERTICAL



Part 2: Testing Range of “18 GHz to 26.5 GHz”

Note: No peak found in pre- test.

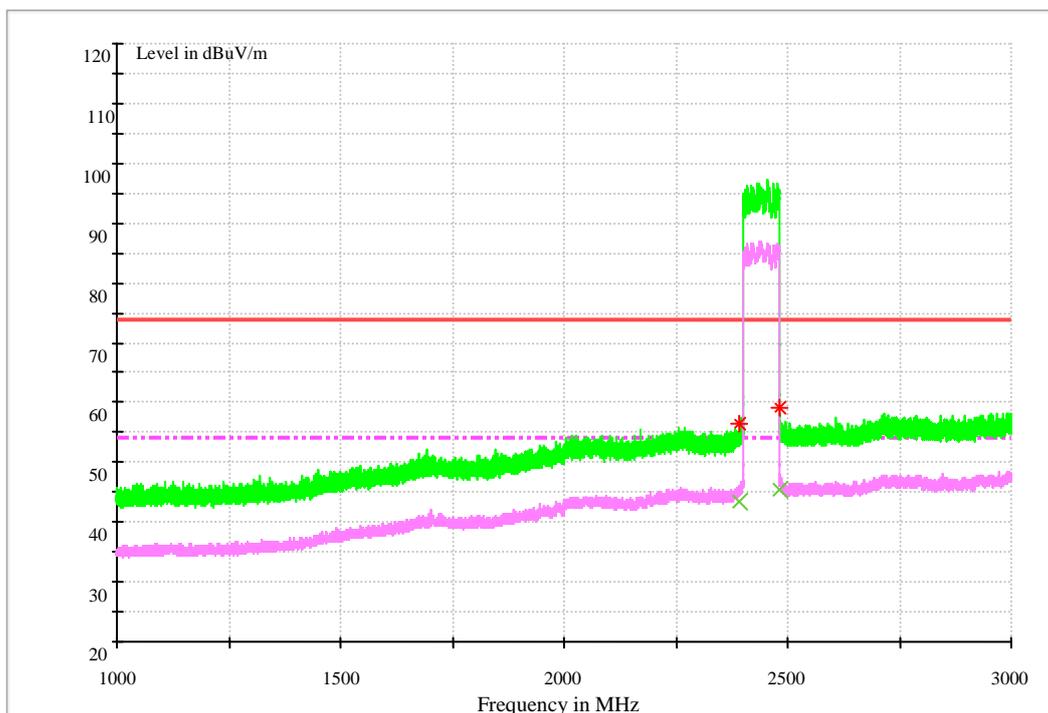


Part 3: Testing Range of “1GHz to 3GHz”

- Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBμV/m) and Average Limit (54 dBμV/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

1 Test Mode:

1.1 Channel 00



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

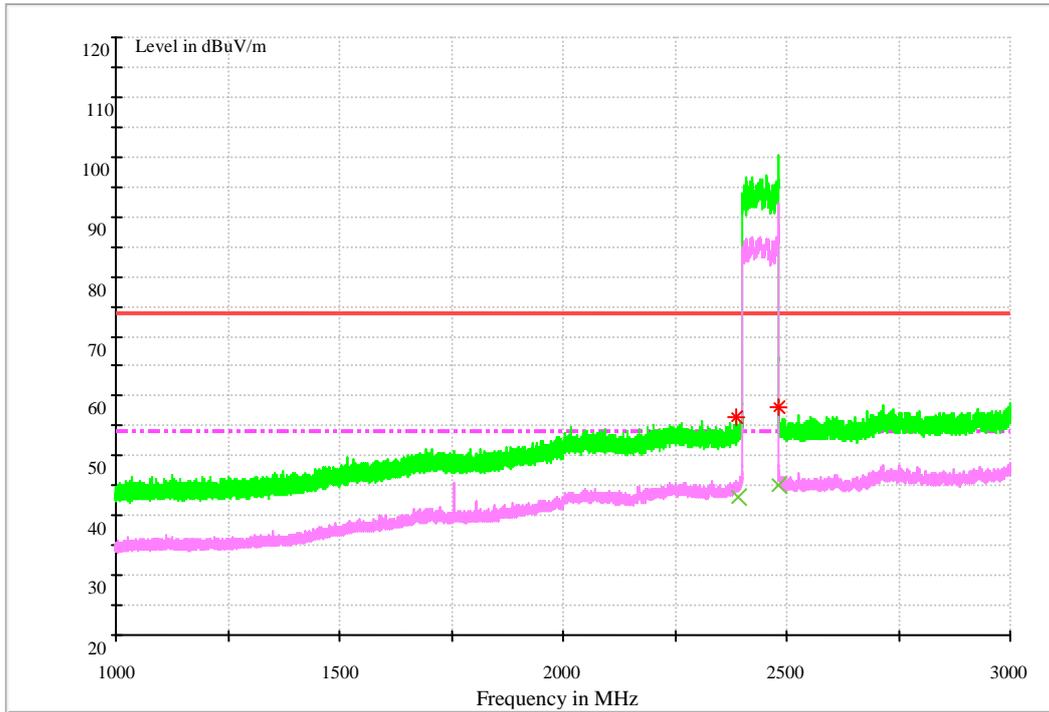
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	54.0	38.3	74.0	17.6	100.0	58.0	VERTICAL
2483.500000	54.7	40.6	74.0	15.2	100.0	-45.0	VERTICAL

MEASUREMENT RESULT: AVDetector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.1	38.3	54.0	10.9	100.0	103.0	VERTICAL
2483.500000	44.9	40.6	54.0	9.1	100.0	10.0	VERTICAL



1.2 Channel 78



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.6	38.3	74.0	17.4	100.0	26.0	HORIZONTAL
2483.500000	58.2	40.6	74.0	15.8	110.0	256.0	VERTICAL

MEASUREMENT RESULT: AV Detector

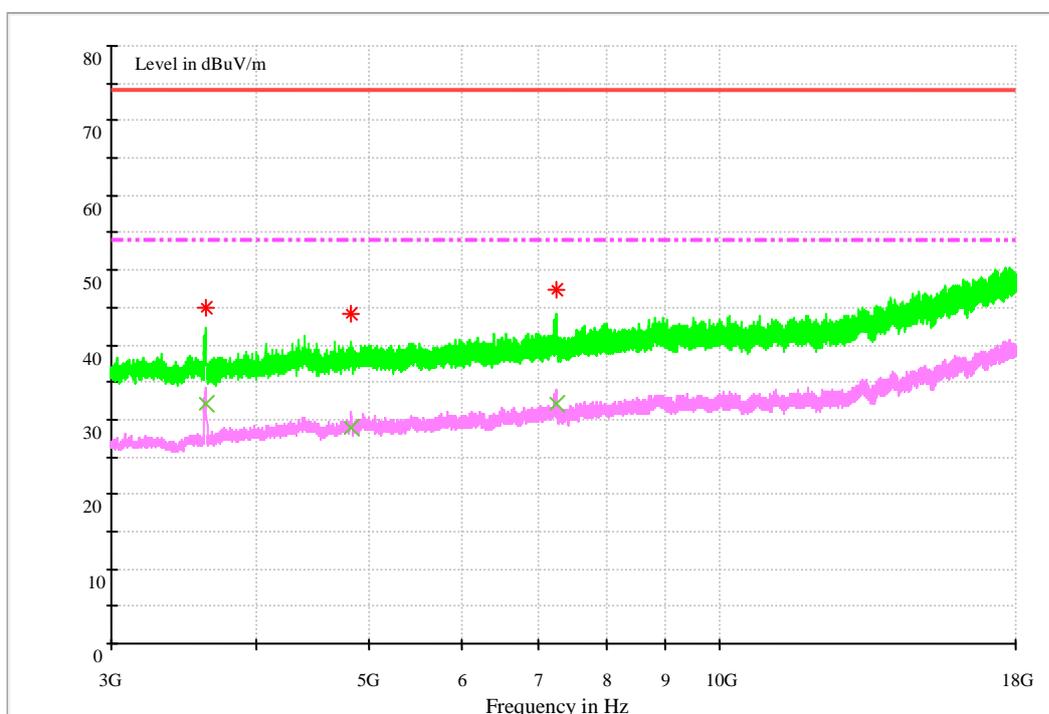
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.3	38.3	54.0	10.7	100.0	27.0	HORIZONTAL
2483.500000	45.3	40.6	54.0	8.7	113.0	256.0	VERTICAL



1.3

Part 4: Testing Range of “3 GHz to 18 GHz”

- Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).



MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
3617.200000	44.9	-2.6	74.0	29.1	100.0	197.0	HORIZONTAL
4824.154667	44.2	0.9	74.0	29.8	113.0	2.0	VERTICAL
7236.939333	47.4	5.3	74.0	26.6	100.0	338.0	VERTICAL



MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
3619.123333	32.0	-2.6	54.0	22.0	100.0	184.0	HORIZONTAL
4822.783333	28.8	0.9	54.0	25.2	100.0	0.0	VERTICAL
7232.254667	32.0	5.3	54.0	22.0	100.0	336.0	VERTICAL

----- End of Report -----