Appendix A: 20dB Emission Bandwidth (EBW)

1 Result Table

Void

Appendix B: Carrier Frequency Separation

1 Result Table

Void

Appendix C: Number of Hopping Channel

1 Result Table

Void

Appendix D: Time of Occupancy (Dwell Time)

1 Result Table

Void

Appendix E: Maximum Peak Conducted Output Power

1 Result Table

Void

Appendix F: Band edge spurious emission

1 Result Table

Void

Appendix G: Conducted RF Spurious Emission

1 Result Table

Void

Appendix H: Radiated Emissions in the Restricted Bands

Note: We tested all modes, but the data presented below is the worst case.

2 Result Table

The whole testing range is from “30 MHz to 26.5 GHz (10th harmonics)” is divided into 4 parts according to the test site settings, which are:

- (Part 1): Test range of “9 KHz to 30 MHz”,
- (Part 2): Test range of “30 MHz to 1 GHz”,
- (Part 3): Test range of “18 GHz to 26.5 GHz”.
- (Part 4): Test range of “2.2 GHz to 2.8 GHz”, and
- (Part 5): Test range of “3 GHz to 18 GHz”.

In this Appendix, only the test results and plots under the worst case can be reported. In the result table, the “< Limit” denotes that “Not found obvious spikes or see marked spikes on plots and listed emissions records”.

Test Range	EUT Conf.	Emissions	Verdict
30 MHz to 1 GHz	TM1_DH5_Ch0 (Worst Conf.)	< Limit	Pass
2.2 GHz to 2.8 GHz	TM1_DH5_Ch0 (Worst Conf.)	< Limit	Pass
	TM1_DH5_Ch78 (Worst Conf.)	< Limit	Pass
3 GHz to 18 GHz	TM1_DH5_Ch0 (Worse Conf.)	< Limit	Pass
18 GHz to 26.5 GHz	TM1_DH5_Ch0 (Worst Conf.)	< Limit	Pass

3 Result Plot

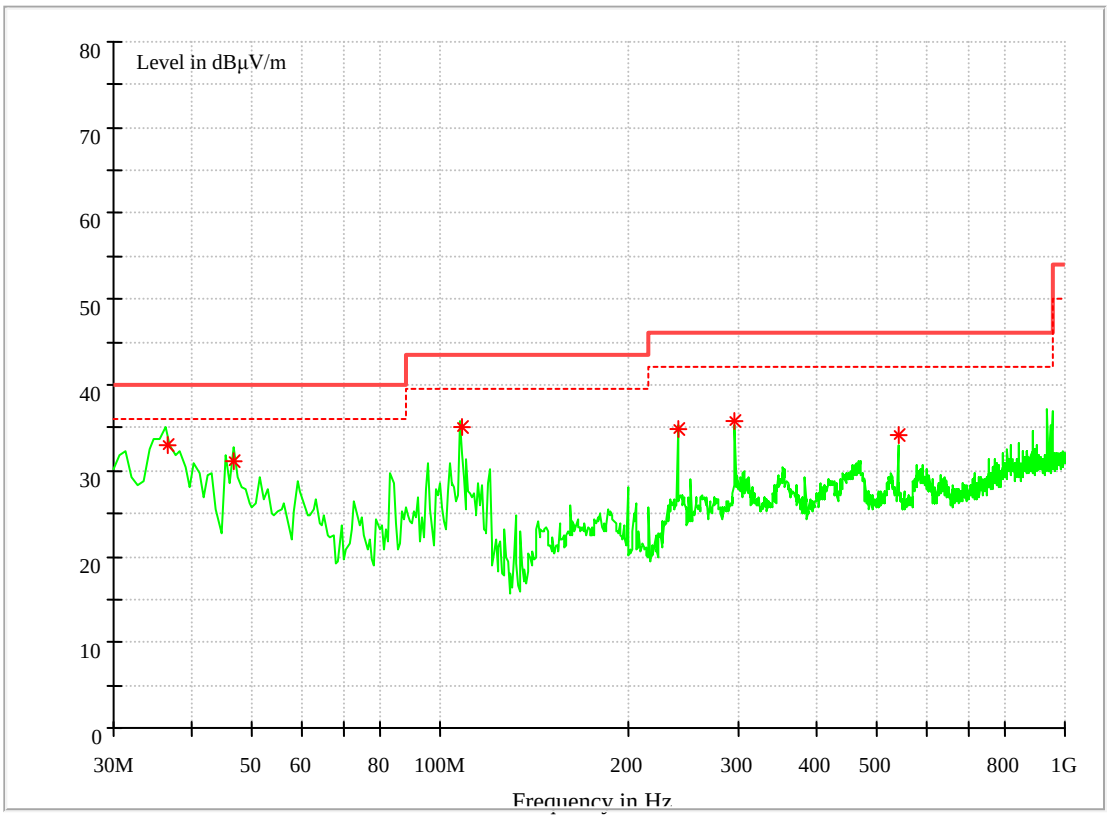
Part 1: Testing Range of “9 kHz to 30MHz”

NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

Part 2: 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).



MEASUREMENT RESULT: QP Detector

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Polarisation	Azimuth (deg)	Transd (dB)
36.700285	33.06	40.00	-6.94	100.0	VERTICAL	348.0	14.7
46.758857	31.15	40.00	-8.85	100.0	VERTICAL	37.0	15.3
108.081714	35.20	43.50	-8.30	222.0	HORIZONTAL	320.0	13.3
240.006000	34.76	46.00	-11.24	126.0	HORIZONTAL	255.0	13.9
296.705429	35.86	46.00	-10.14	101.0	HORIZONTAL	41.0	15.3
540.014857	34.14	46.00	-11.86	100.0	VERTICAL	184.0	20.1

Note:

Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

Part 3: Testing Range of "18 GHz to 26.5 GHz"

NOTE1: No peak found in the Test Range of "18 GHz to 26.5GHz"

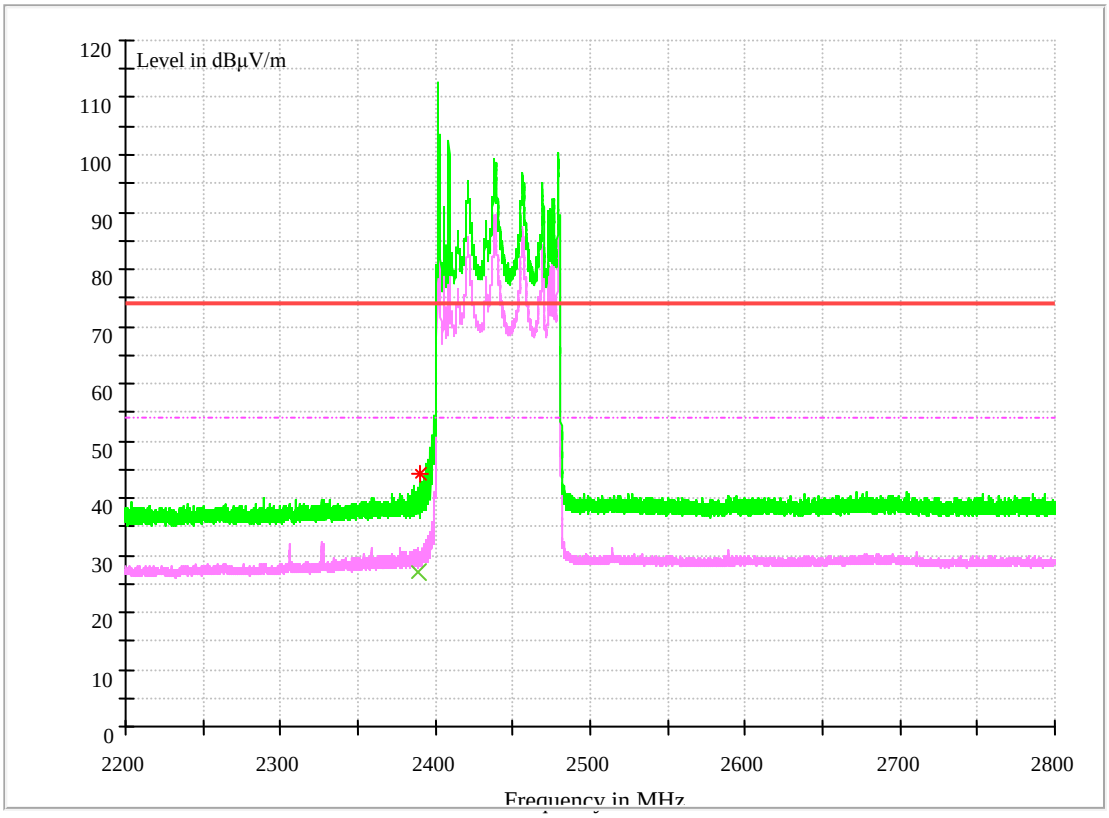
Part 4: Testing Range of "2.2GHz to 2.8GHz"

Note 1: The testing range of "2.2 GHz to 2.8 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.

Channel 0



Note1: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Polarisation	Azimuth (deg)	Transd (dB)
2390.000000	44.37	74.00	-29.63	100.0	HORIZONTAL	364.0	-7.8

MEASUREMENT RESULT: AV Detector

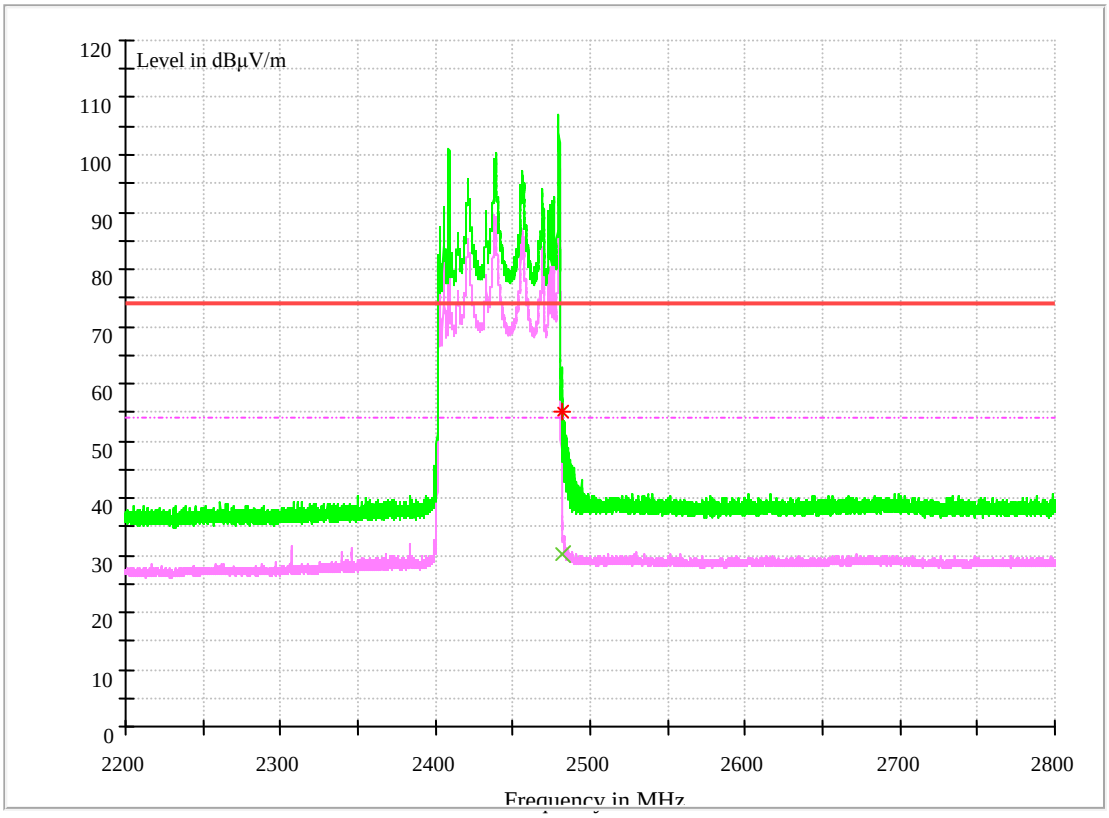
Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Polarisation	Azimuth (deg)	Transd (dB)
2390.000000	27.16	54.00	-26.84	100.0	HORIZONTAL	356.0	-7.8

Note2:

Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

Channel 78



Note1: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Polarisation	Azimuth (deg)	Transd (dB)
2483.500000	55.08	74.00	-18.92	100.0	VERTICAL	88.0	-5.4

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m	Margin (dB)	Height (cm)	Polarisation	Azimuth (deg)	Transd (dB)
2483.500000	30.11	54.00	-23.89	100.0	HORIZONTAL	345.0	-5.4

Note2:

Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

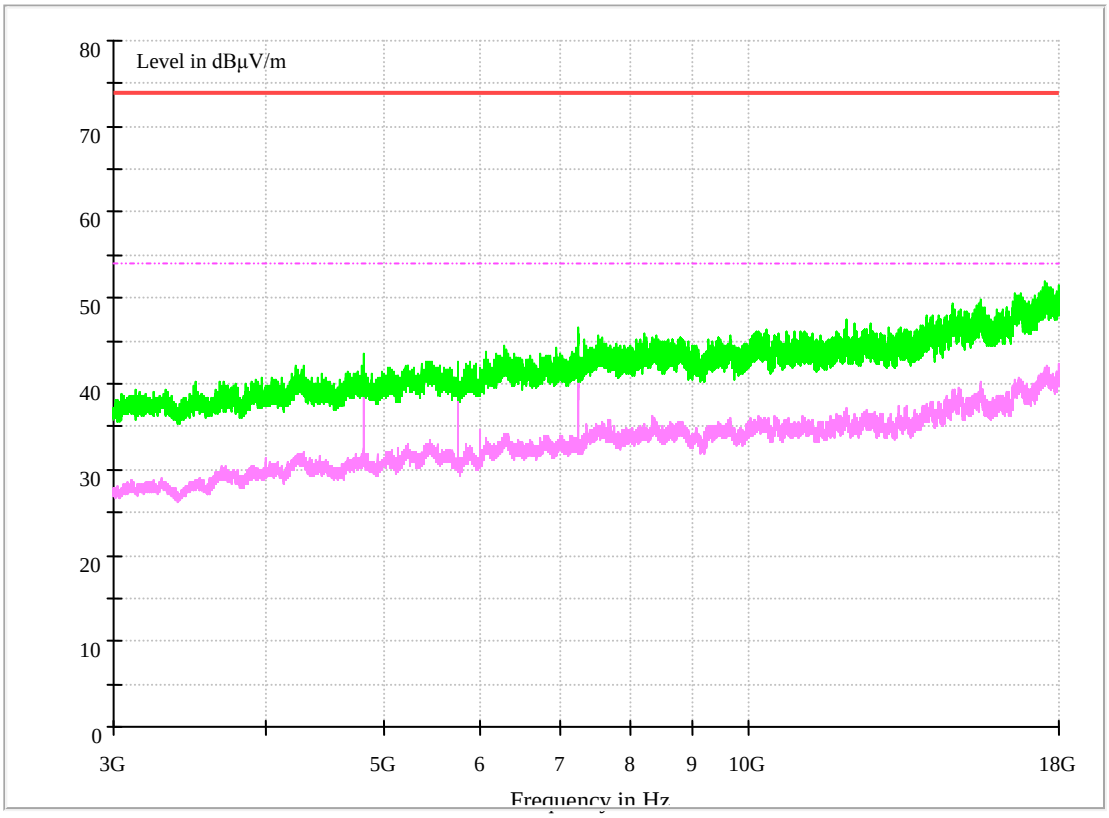
The reading level is calculated by software which is not shown in the sheet.

Part 5: 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 dBμV/m) and Average Limit (54 dBμV/m).



Appendix I: AC Power Line Conducted Emissions

1 Result Table

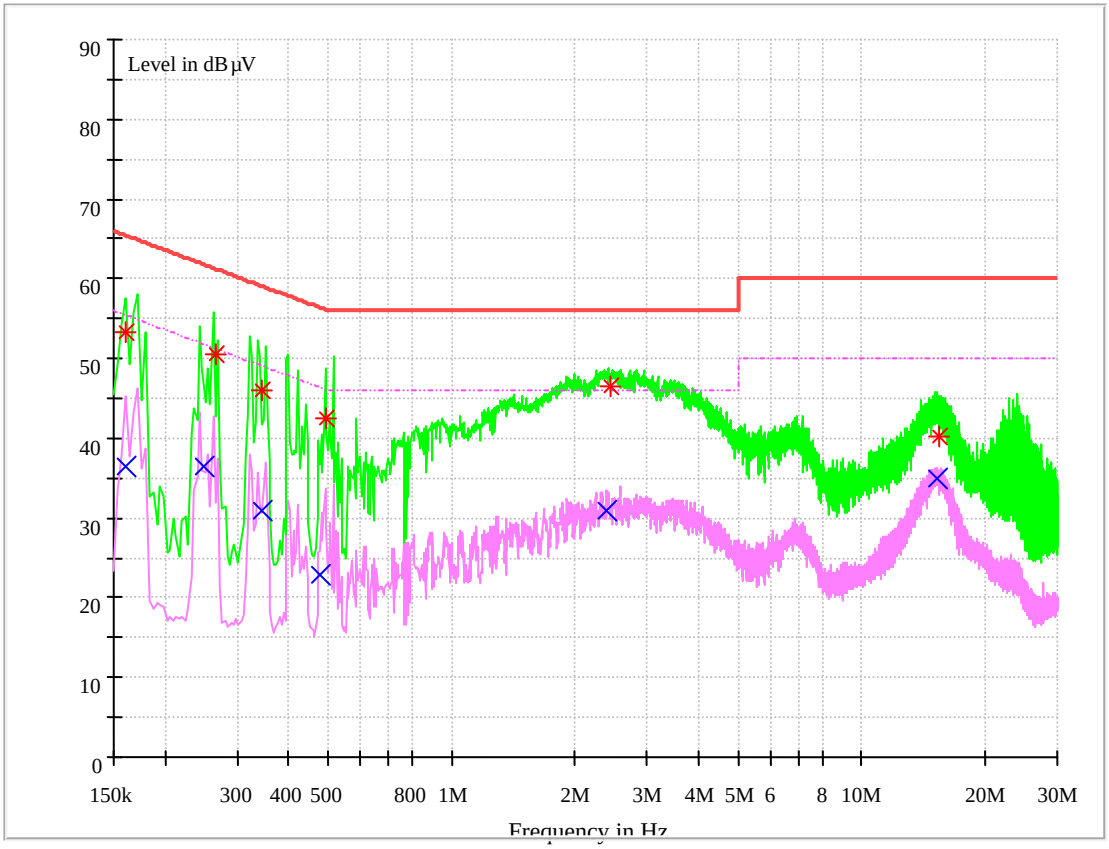
In this Appendix, only the test results and plots under the worst case can be reported.

EUT Conf.	Maximum Emissions	Verdict
TM1_DH5_Ch39	Not found obvious spikes or see marked spikes on plots and listed emissions records.	Pass

2 Result Plot

Note1: RBW =9 kHz, VBW = 30 kHz

Channel 39



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Limit dBµV	Transd dB	Margin dB	Line	PE
0.159908	53.18	65.47	9.7	-12.29	L1	FLO
0.266575	50.57	61.22	9.7	-10.65	N	FLO
0.34342	45.9	59.12	9.7	-13.22	N	FLO
0.496688	42.59	56.06	9.7	-13.46	N	FLO
2.447740	46.53	56.00	9.7	-9.47	N	FLO
15.427690	40.31	60.00	10.1	-19.69	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Limit dBµV	Transd dB	Margin dB	Line dBµV	PE
0.160915	36.33	55.42	9.7	-19.09	L1	FLO
0.247628	36.53	51.84	9.7	-15.3	N	FLO
0.346127	30.86	49.06	9.7	-18.19	N	FLO
0.479708	22.97	46.34	9.7	-23.37	L1	FLO
2.375959	30.96	46.00	9.7	-15.04	N	FLO
15.330960	34.96	50.00	10.1	-15.04	L1	FLO

Note2:

Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

END