Appendix for Test report

Appendix A: DTS (6 dB) Bandwidth

Refer to No. SYBH(Z-RF)20181115007001-2002

Appendix B: Occupied Bandwidth

Refer to No. SYBH(Z-RF)20181115007001-2002

Appendix C: Duty Cycle

Refer to No. SYBH(Z-RF)20181115007001-2002

Appendix D: Maximum Average Output Power

Refer to No. SYBH(Z-RF)20181115007001-2002

Appendix E: Maximum Power Spectral Density Level

Refer to No. SYBH(Z-RF)20181115007001-2002

Appendix F: Band Edges Compliance

Refer to No. SYBH(Z-RF)20181115007001-2002

Appendix G: Unwanted Emissions into Non-Restricted Frequency Bands

Refer to No. SYBH(Z-RF)20181115007001-2002

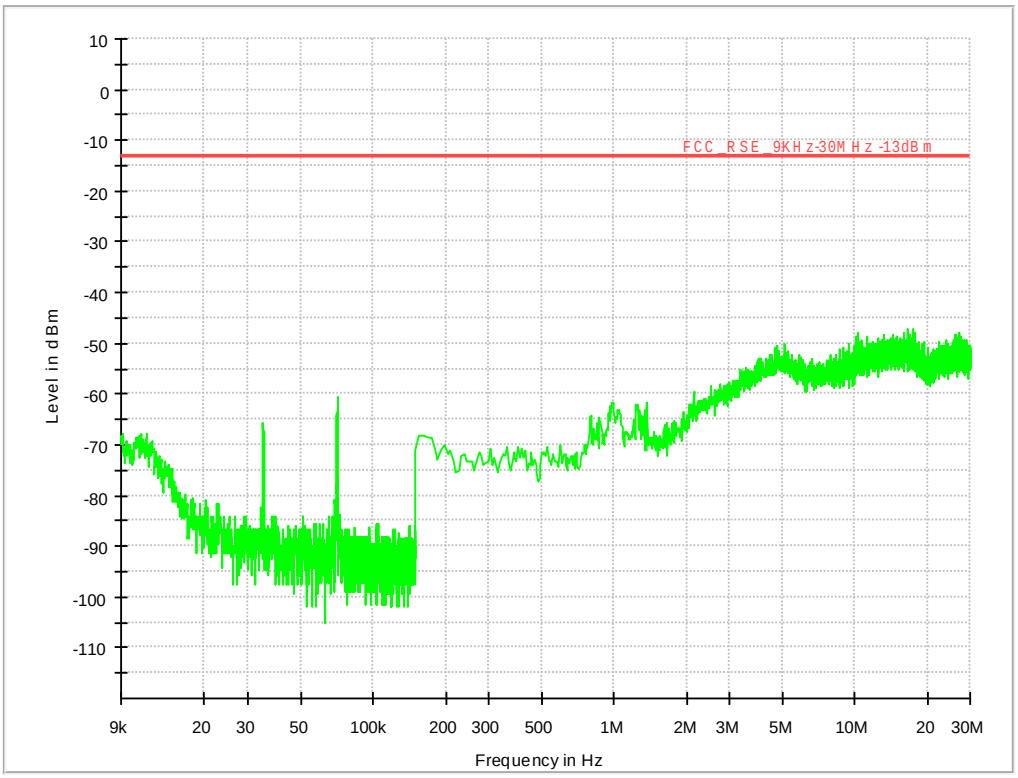
Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note 1: For adding Wireless charging protective case we only tested the RSE of the worst case, other data refer to No. SYBH(Z-RF)20181115007001-2002

Note 2: We tested in two modes, mode 1 is adaptor + Wireless Charging Case and mode 2 is adaptor + Wireless charging charger+ Wireless Charging Case, and the data presented below is the worst case (mode 1).

1.1 Part 1: Testing Range of "9 kHz to 30MHz"

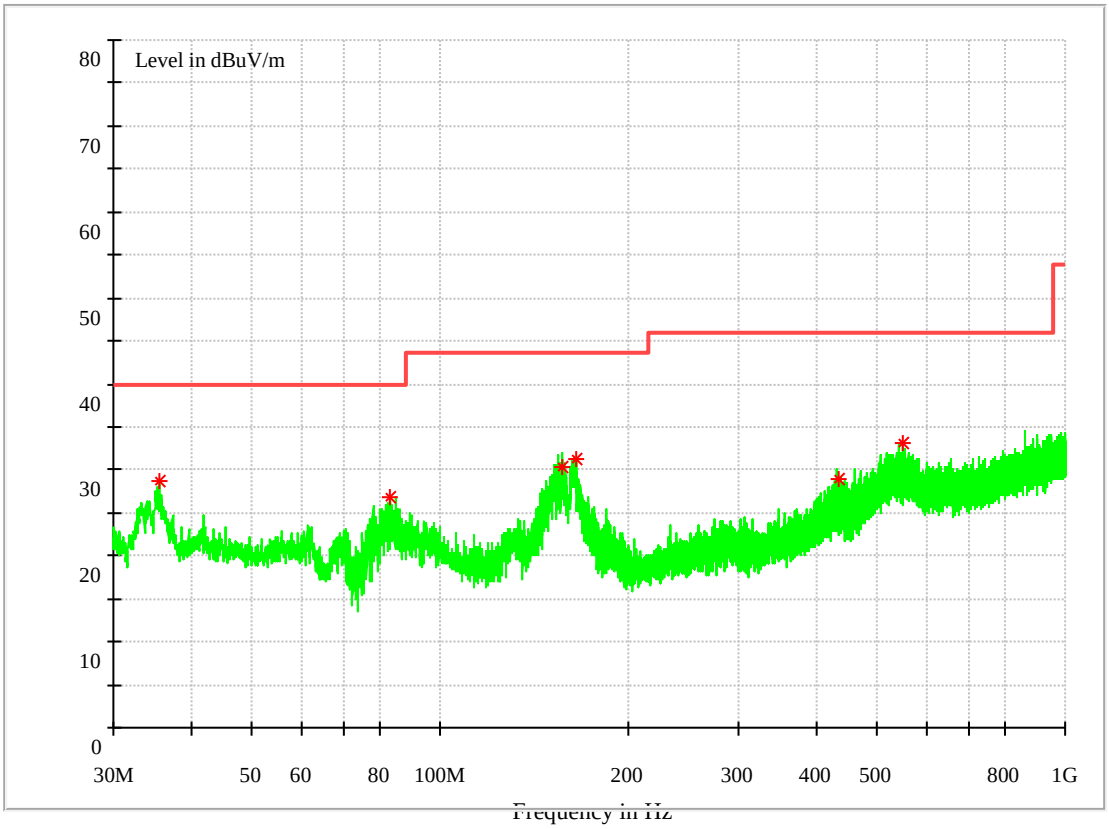
Note 1: The test results and plot for testing range of "9 kHz to 30 MHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.



1.2 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).



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Transd. (dB)
34.480500	28.58	40.00	11.42	100.0	V	322.0	14.4
83.398500	26.77	40.00	13.23	100.0	V	117.0	12.5
156.245500	30.29	40.00	13.21	100.0	V	349.0	14.3
164.781500	31.24	43.50	12.26	100.0	V	150.0	11.3
434.102000	28.82	46.00	17.18	100.0	H	286.0	13.4

549.677500	33.23	46.00	12.77	100.0	V	141.0	18.4

Note:

1, 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.

2, Margin=Limit – Level

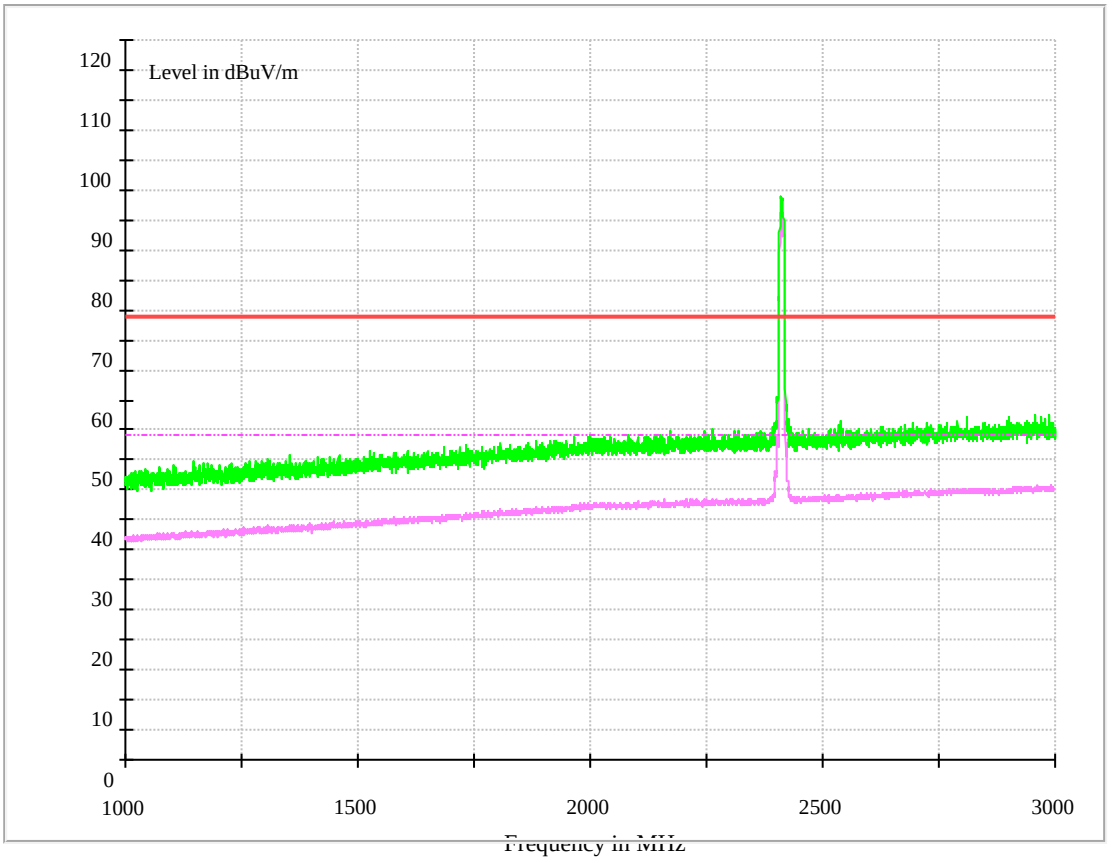
1.3 Part 3: Testing Range of “1 GHz to 3 GHz”

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.

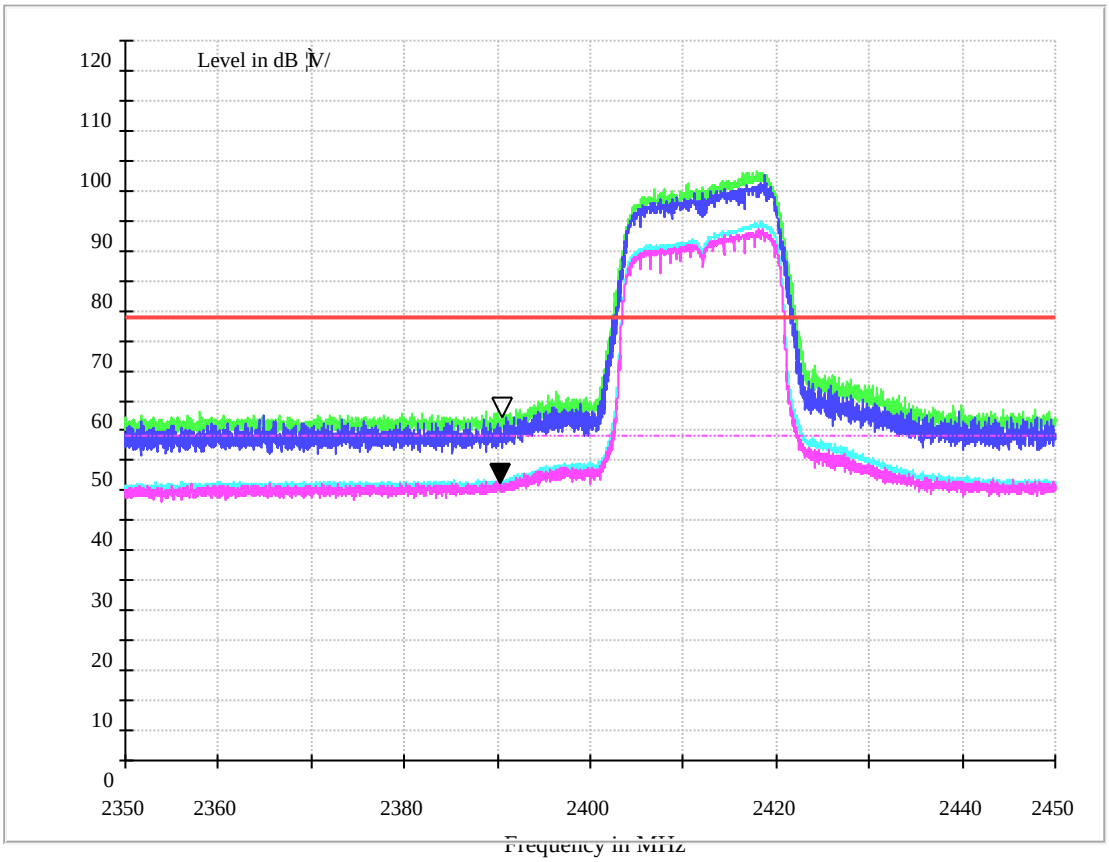
Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).

Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

1.1 Test Mode: 11G



1.1.1 Channel 1 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
2390	46.537	54.00	7.463	150.0	H	85.0	-6.8

MEASUREMENT RESULT: PK Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
2390	57.457	74.00	16.543	150.0	H	86.0	-6.8

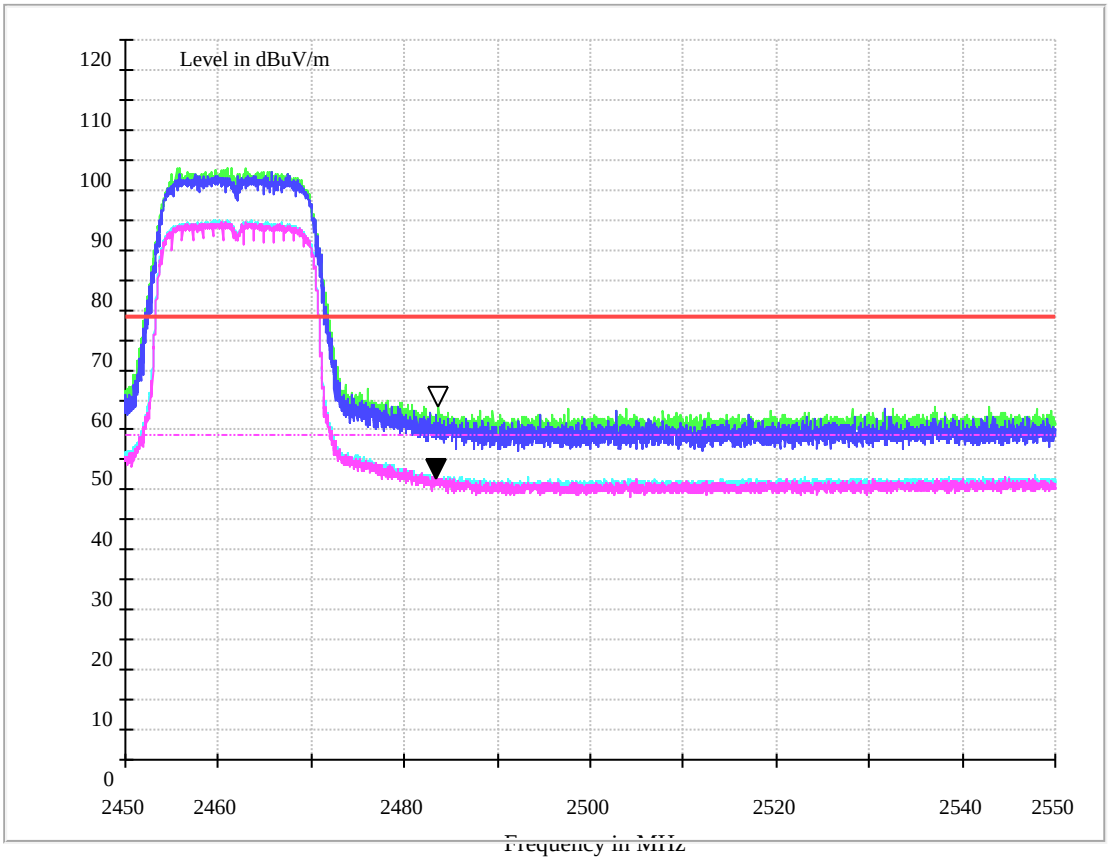
Note:

1, 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.

2, Margin=Limit - Level

1.1.2 Channel 11 @Ant 1



MEASUREMENT RESULT: AV Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
2483.5	47.115	54.00	6.885	150.0	H	57.0	-10.2

MEASUREMENT RESULT: PK Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
2483.5	59.327	74.00	14.673	150.0	H	58.0	-10.2

Note:

1, 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.9.098

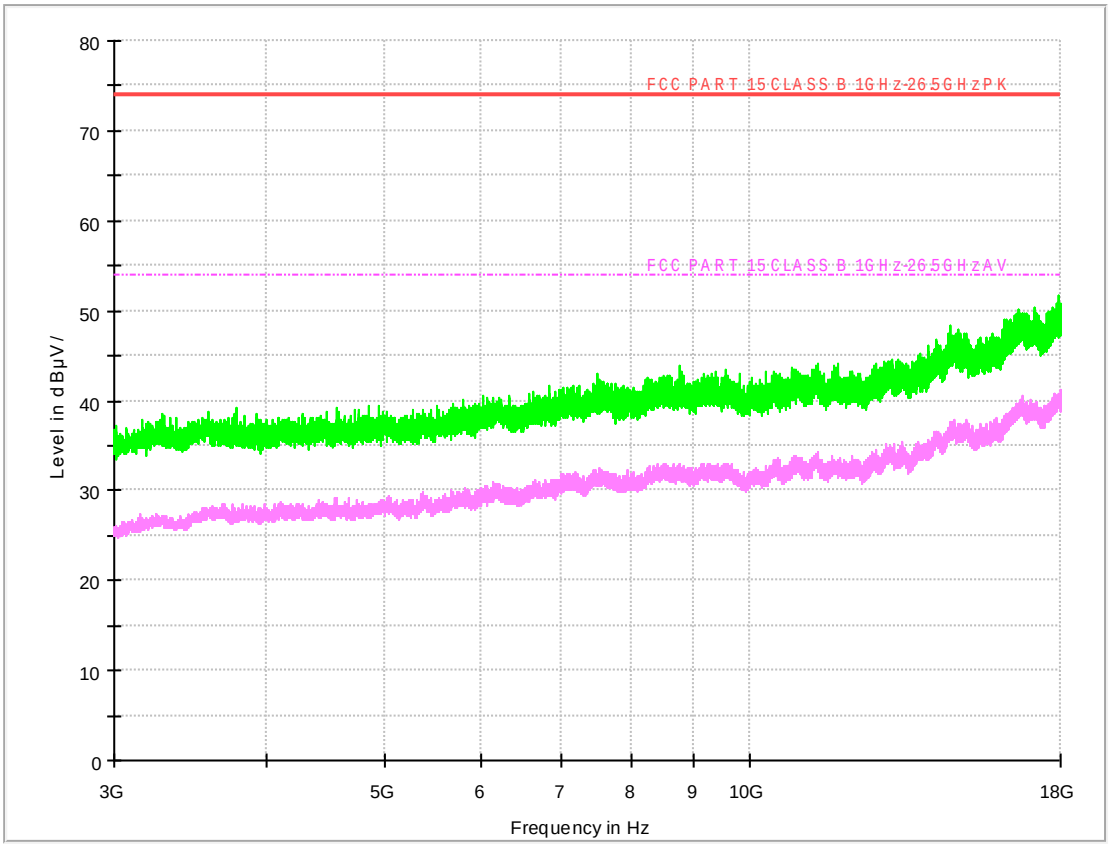
2, Margin=Limit - Level

1.4 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 dBµV/m) and Average Limit (54 dBµV/m).

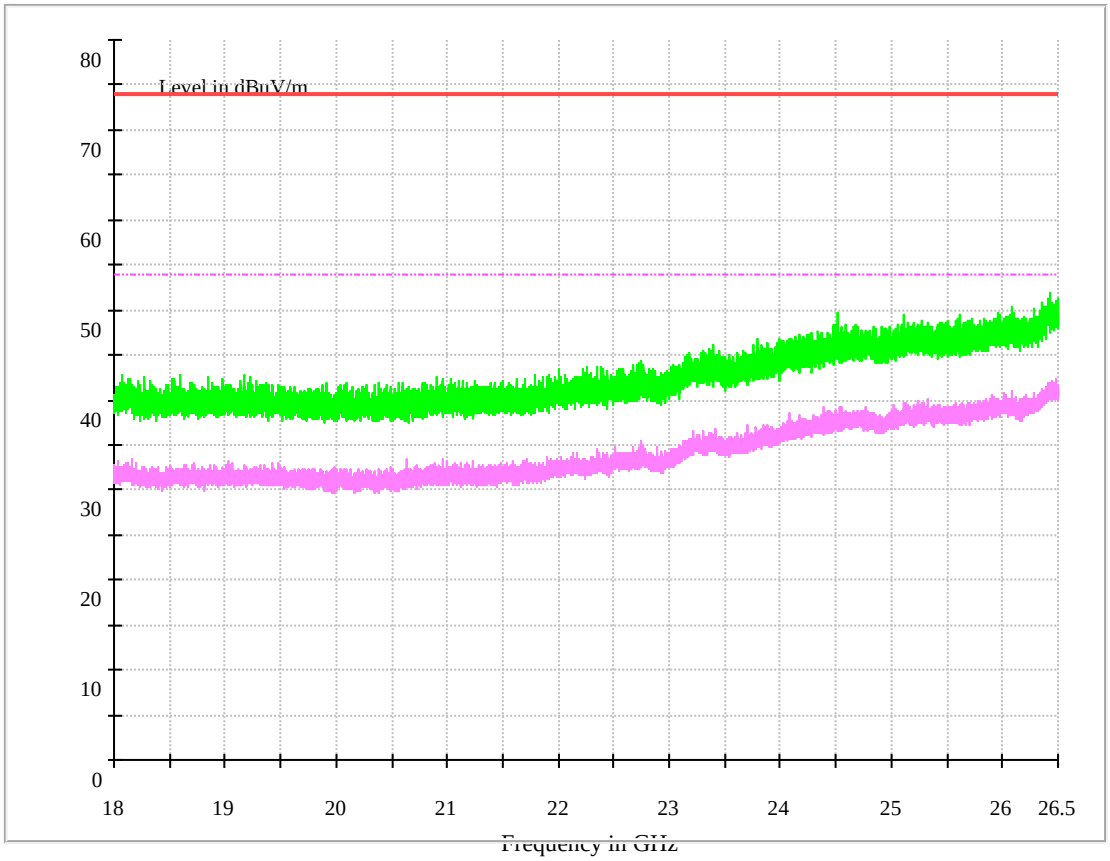


1.5 Part 5: Testing Range of “18 GHz to 26.5 GHz”

Note 1: The test results and plot for testing range of “18 GHz to 26.5 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 “18 GHz to 26.5 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.

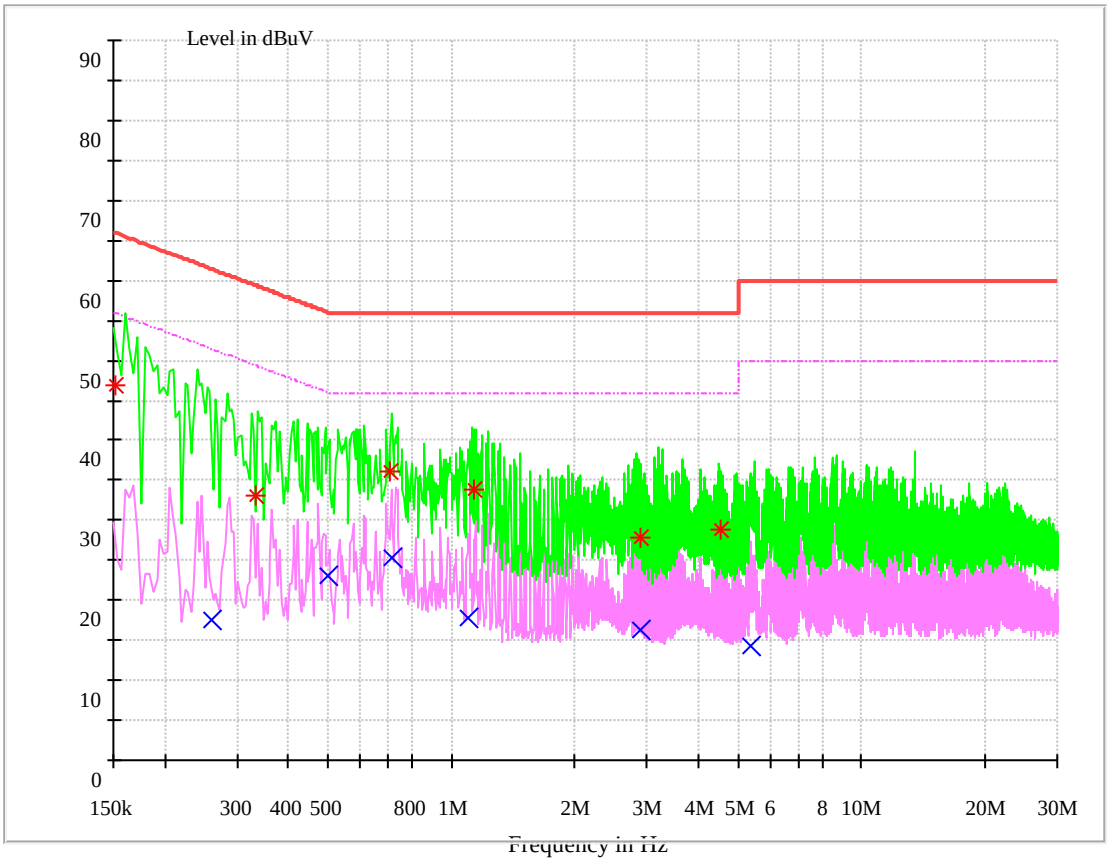
Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dBµV/m) and Average Limit (54 dBµV/m).



Appendix I: Conducted Emission at Power Port

Note1: We tested in two modes, mode 1 is adaptor + Wireless Charging Case and mode 2 is adaptor + Wireless charging charger+ Wireless Charging Case, and the data presented below is the worst case (mode 1)

Note2: RBW =9 kHz, VBW = 30 kHz



MEASUREMENT RESULT: PK Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.151466	46.77	65.92	9.7	19.15	L1	FLO
0.333355	32.98	59.37	9.7	26.39	L1	FLO
0.710996	36.21	56.00	9.7	19.79	L1	FLO
1.139217	33.84	56.00	9.7	22.16	L1	FLO
2.882325	27.95	56.00	9.7	28.05	L1	FLO

4.554112	28.87	56.00	9.7	27.13	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dBµV)	Limit (dBµV)	Transd. (dB)	Margin (dB)	Line	PE
0.261218	17.60	51.39	9.7	33.79	L1	FLO
0.498190	23.05	46.03	9.7	22.98	L1	FLO
0.718406	25.29	46.00	9.7	20.71	N	FLO
1.101844	17.74	46.00	9.7	28.26	L1	FLO
2.881616	16.39	46.00	9.7	29.61	N	FLO
5.336993	14.36	46.00	9.7	35.64	L1	FLO

Note:

1, 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.

2, Margin=Limit - Level

END