



Appendix for Testreport

Appendix A: DTS (6 dB) Bandwidth

Void

Appendix B: Occupied Bandwidth

Void

Appendix C: Duty Cycle

Void

Appendix D: Maximum Conducted Average Output Power

Void

Appendix E: Maximum Power Spectral Density Level

Void

Appendix F: Band Edges Compliance

Void

Appendix G: Unwanted Emissions into Non-Restricted Frequency Bands

Void

Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

Note: Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

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

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)
31.665714	32.65	40.00	-7.35	100.0	VERTICAL	300.0	14.1
39.262572	33.87	40.00	-6.13	100.0	VERTICAL	66.0	14.9
108.086857	35.07	43.50	-8.43	218.0	HORIZONTAL	309.0	13.3
239.997428	36.71	46.00	-9.29	109.0	HORIZONTAL	241.0	13.8
301.284000	31.48	46.00	-14.52	111.0	HORIZONTAL	199.0	15.4
359.341715	36.96	46.00	-9.04	101.0	HORIZONTAL	173.0	16.9

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.

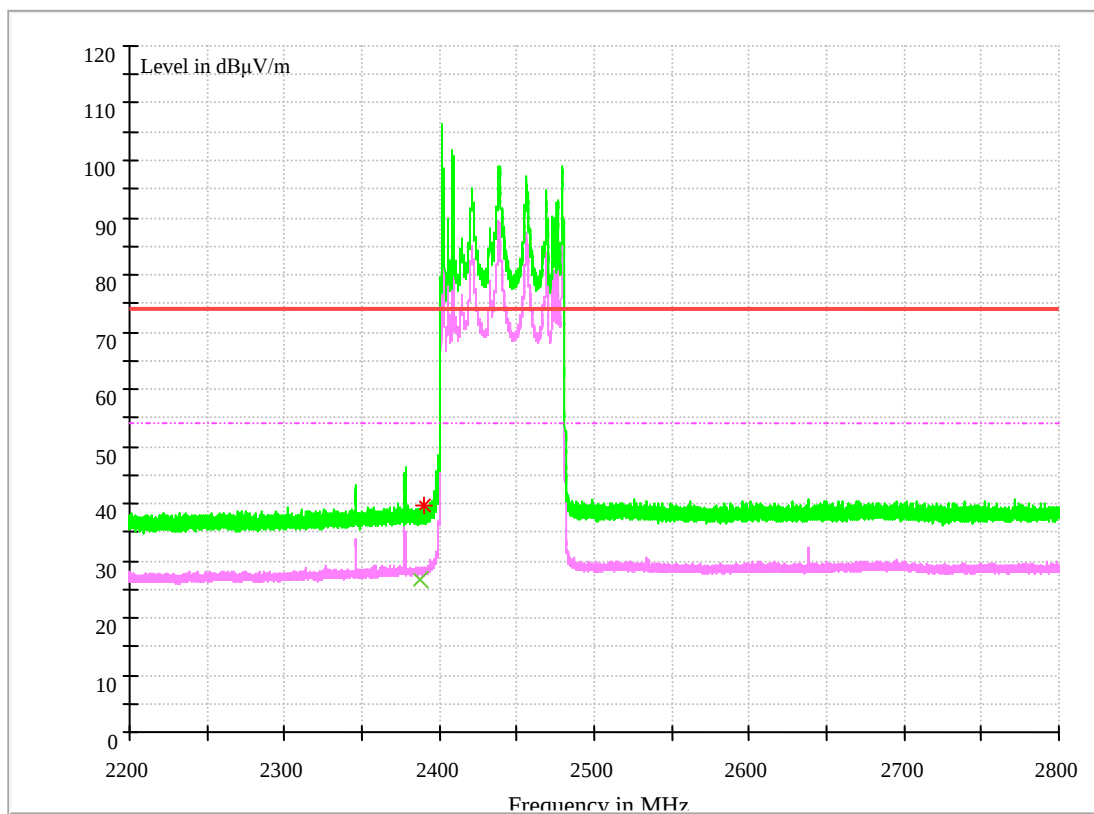
Part 3: Testing Range of “18 GHz to 26.5 GHz”

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 dB μ V/m) and Average Limit (54 dB μ V/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	39.75	74.00	-34.25	100.0	HORIZONTAL	119.0	-7.8

MEASUREMENT RESULT: AV Detector

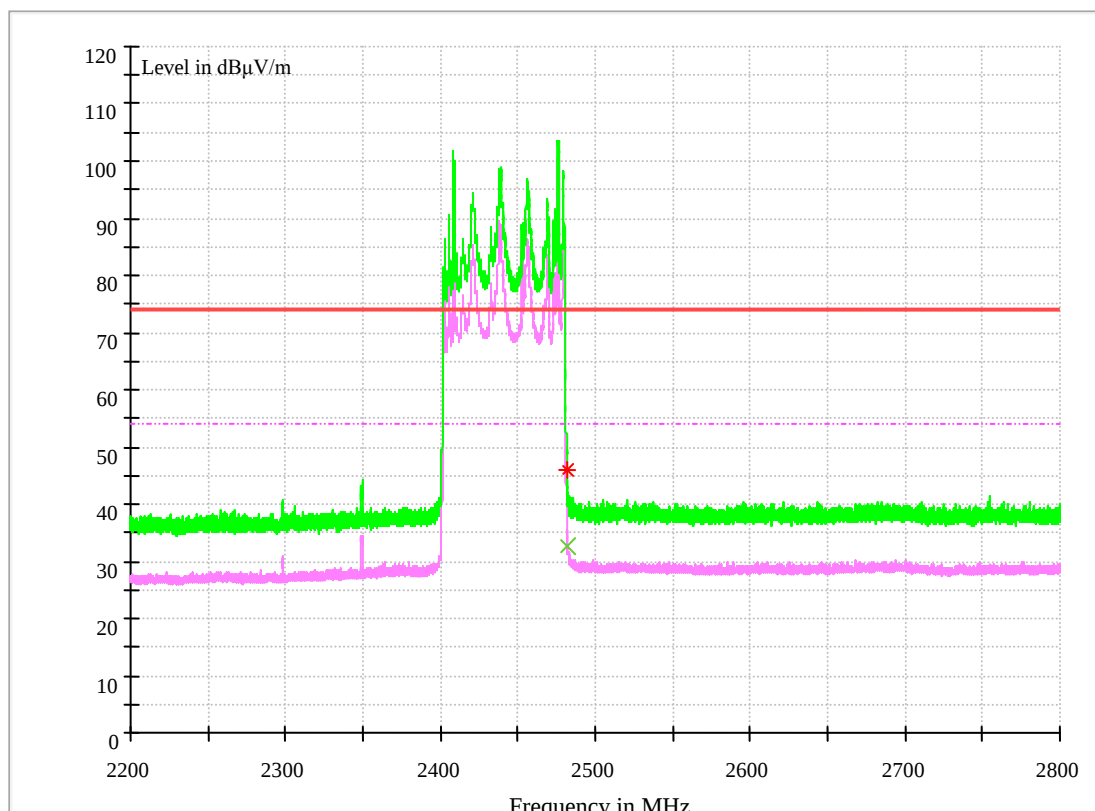
Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Polarisation	Azimuth (deg)	Transd (dB)
2390.000000	26.64	54.00	-27.36	100.0	HORIZONTAL	352.0	-7.8

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 39



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	45.85	74.00	-28.15	143.0	HORIZONTAL	338.0	-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	32.49	54.00	-21.51	100.0	HORIZONTAL	351.0	-5.4

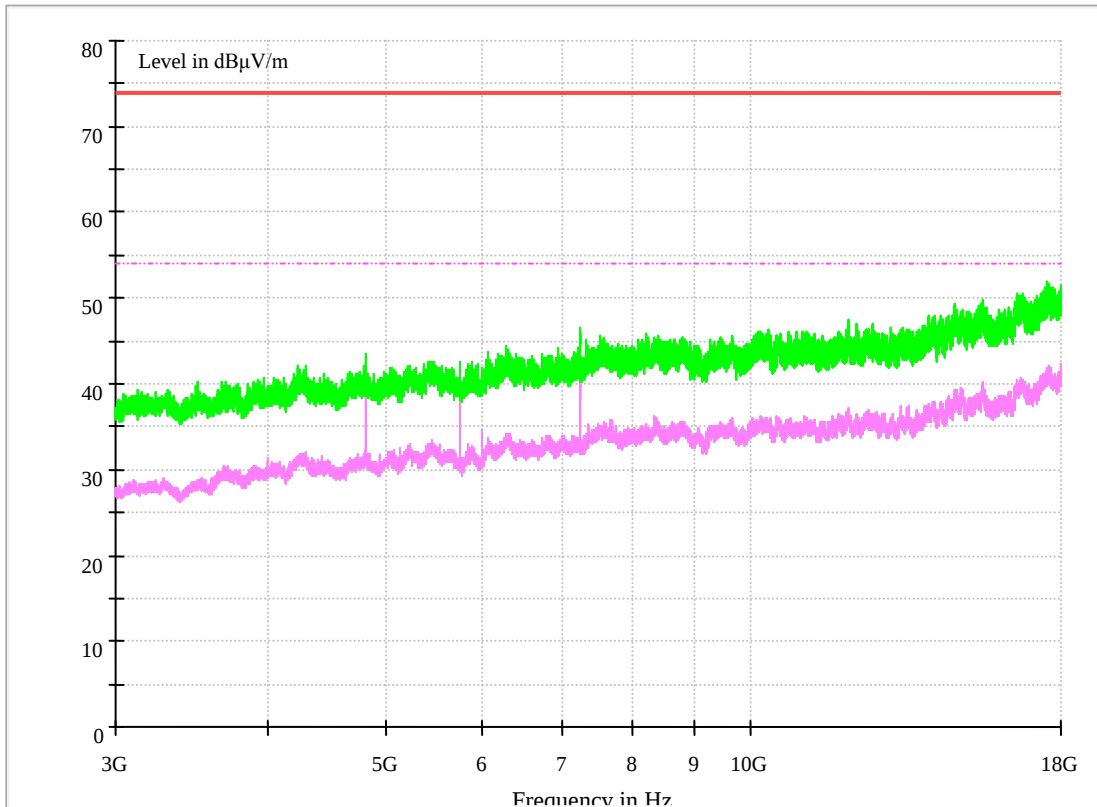
Note2:

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”

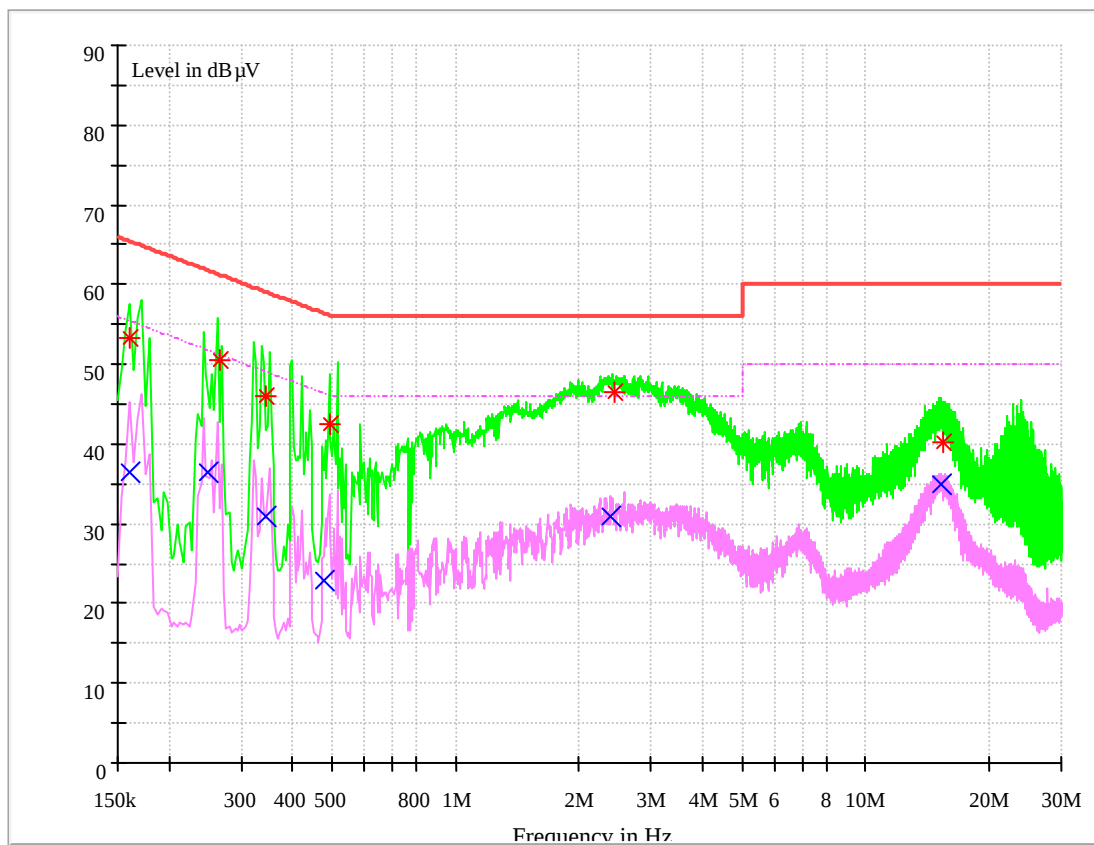
- Note 1: The test results and plot for testing range of “3 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “3 GHz to 18 GHz” is for checking radiated emissions located 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 dB μ V/m) and Average Limit (54 dB μ V/m).



Appendix I: Conducted Emission at Power Port

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