9.2.2 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).



MEASUREMENT RESULT: QP Detector

Frequency	Level	Transd	Limit	Margin	Height	Azimuth	Polarisation	
MHz	dBµV/m	dB	dBµV/m	dB	cm	deg		
37.908920	21.23	18.6	40.00	18.77	149.0	251.0	V	
50.979460	22.27	20.5	40.00	17.73	150.0	150.0	V	
138.335600	18.81	15.0	43.50	24.69	102.0	300.0	V	
155.070760	20.20	15.1	43.50	23.30	120.0	145.0	V	
170.631760	24.02	15.8	43.50	19.48	101.0	259.0	V	
949.318480	34.38	30.9	46.00	11.62	200.0	42.0	V	

9.2.3 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. The test results and plot for testing range of "1 GHz to 3 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: 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.

9.2.3.1 TM1_DH5 power





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9.2.4 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 dB μ V/m) and Average Limit (54 dB μ V/m).



9.2.5 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 dB μ V/m) and Average Limit (54 dB μ V/m).



10. Appendix I: Conducted Emission at Power Port

Note 1: The test results and plot for testing range of "150 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. Note 2: RBW =9 kHz; VBW = 30 kHz

10.1 Test Results

Test Mode	Antenna	Test Channel	Maximum Emissions	Limit	Verdict
TM1_DH5	Ant1	2480	(see Test Graphs)	(see Test Graphs)	PASS

10.2 Test Graphs



Frequency	Level	Limit	Transd.	Margin	Line	DE
(MHz)	(dBµV)	(dBµV)	(dB)	(dB)		
0.172501	50.36	64.84	9.7	14.48	L1	FLO
0.258367	43.99	61.48	9.7	17.49	Ν	FLO
0.421805	42.81	57.41	9.7	14.60	Ν	FLO
0.989327	31.11	56.00	9.7	24.89	L1	FLO
1.991015	27.54	56.00	9.7	28.46	Ν	FLO
3.316696	27.86	56.00	9.8	28.14	Ν	FLO
-						



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ME	IEASUREMENT RESULT: AV Detector								
	Frequency	Level	Limit	Transd.	Margin	Line	DE		
	(MHz)	(dBµV)	(dBµV)	(dB)	(dB)		FE		
	0.178989	29.98	54.53	9.7	24.55	L1	FLO		
	0.255803	25.80	51.57	9.7	25.77	N	FLO		
	0.427872	35.05	47.29	9.7	12.24	N	FLO		
	0.996885	25.13	46.00	9.7	20.87	L1	FLO		
	1.991015	23.06	46.00	9.8	22.94	L1	FLO		
	3.309420	20.99	46.00	9.8	25.01	N	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