

Appendix B for test data:**1.Radiated Spurious Emission and Restricted Band**

Test Result

Radiated Spurious Emission:**For 9 kHz ~ 30 MHz**

Note:

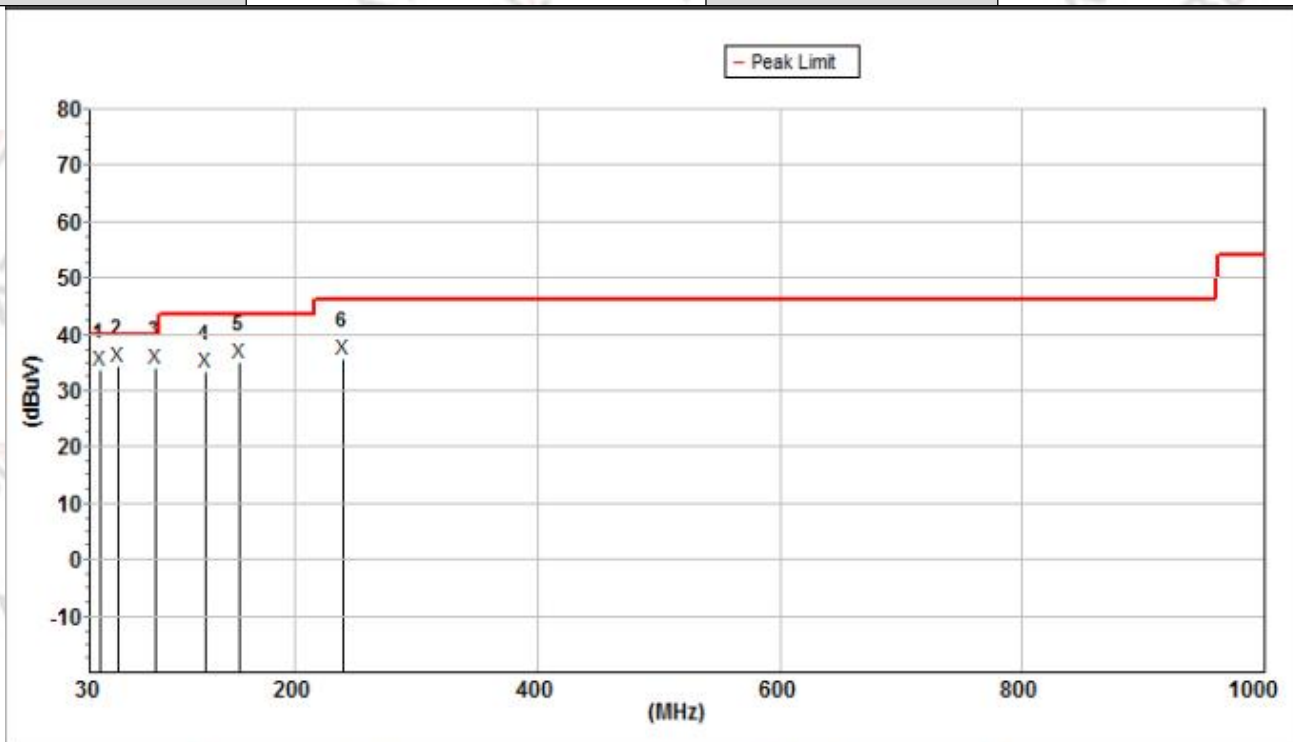
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

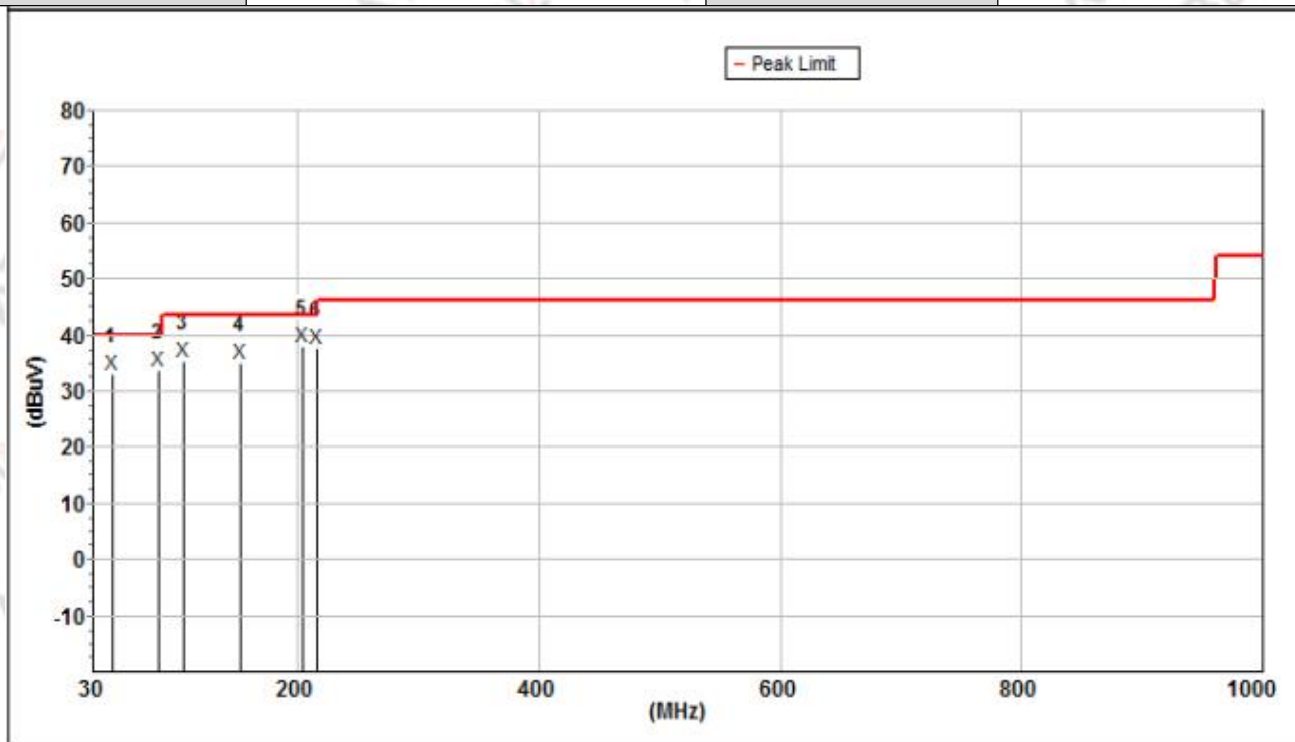
- 1.All modes have been tested, only worst (DH5-2441MHz)mode was recorded in the test report.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
- 3.Correction Factor (dB/m) = Antenna Pol. Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
- 4.The emission levels of other frequencies were less than 20dB margin against the limit.
- 5.Margin value = Emission level-Limit value.

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5_2441MHz	Antenna Pol.	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	38.616	75.2	-41.6	33.6	40.0	6.4	H
2	52.945	76.6	-42.4	34.2	40.0	5.8	H
3	83.816	78.0	-43.9	34.1	40.0	5.9	H
4	125.446	67.6	-34.3	33.3	43.5	10.2	H
5	153.739	71.6	-36.8	34.8	43.5	8.7	H
6	239.987	62.7	-27.1	35.6	46.0	10.4	H

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5_2441MHz	Antenna Pol.	Vertical



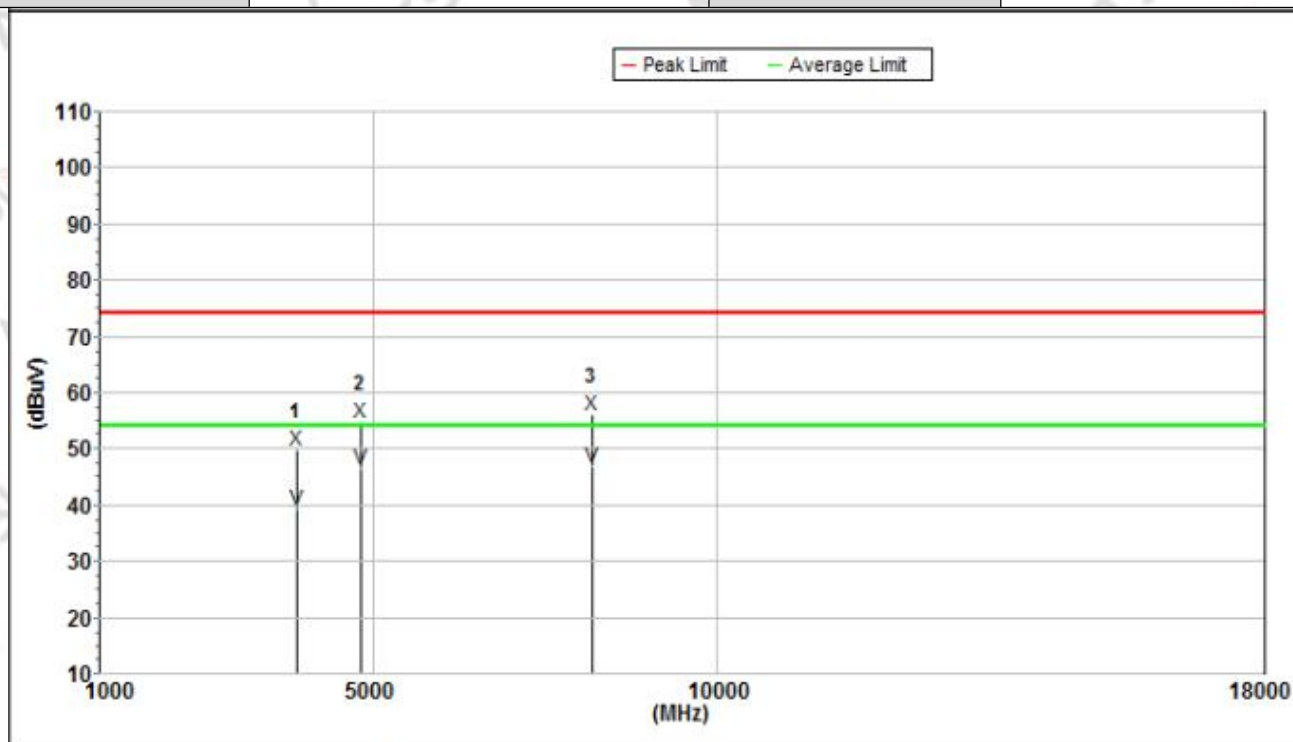
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	45.695	77.3	-44.5	32.8	40.0	7.2	V
2	83.816	76.0	-42.4	33.6	40.0	6.4	V
3	104.536	70.4	-35.2	35.2	43.5	8.3	V
4	152.130	71.6	-36.8	34.8	43.5	8.7	V
5	204.238	67.6	-29.7	37.9	43.5	5.6	V
6	216.024	66.2	-28.7	37.5	46.0	8.5	V

1GHz-18GHz:

Note:

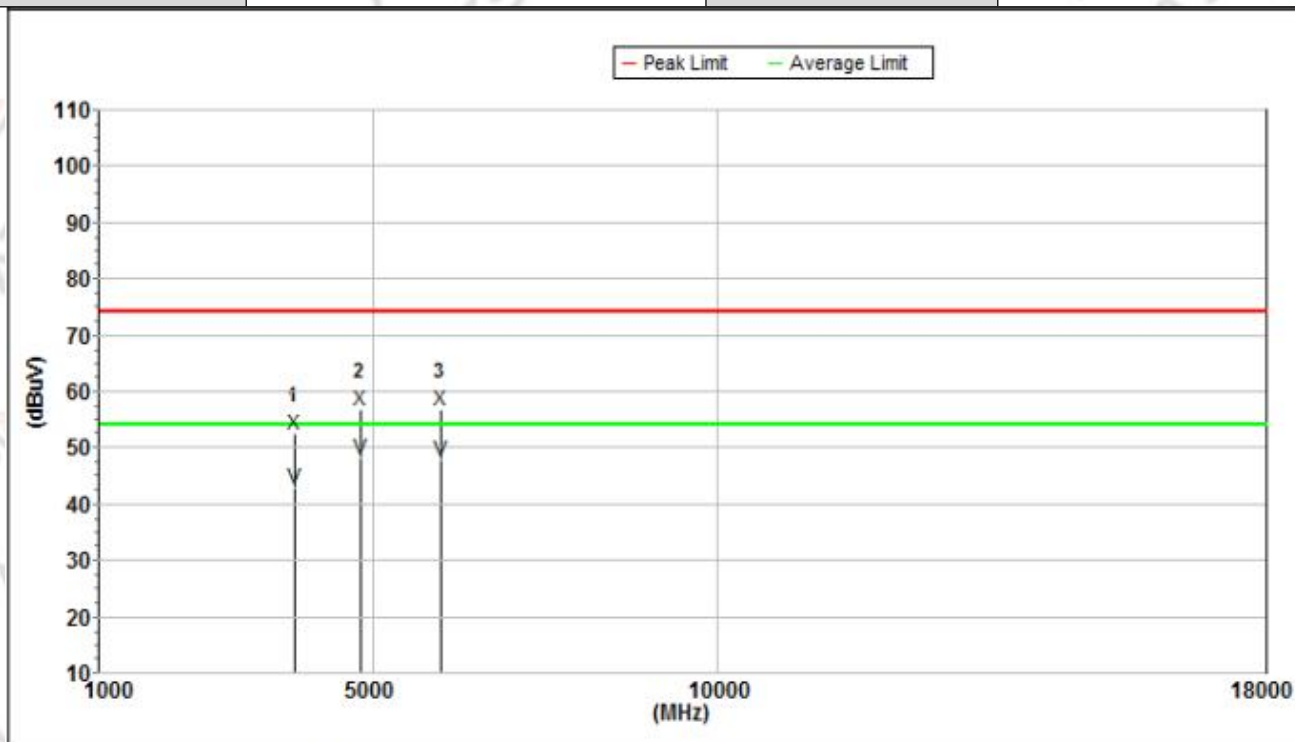
- 1.We used the filter to test and the main frequency was filtered out.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
3. Correction Factor (dB/m) = Antenna Pol. Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
4. Margin value = Emission level-Limit value.

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2402MHz	Antenna Pol.	Horizontal



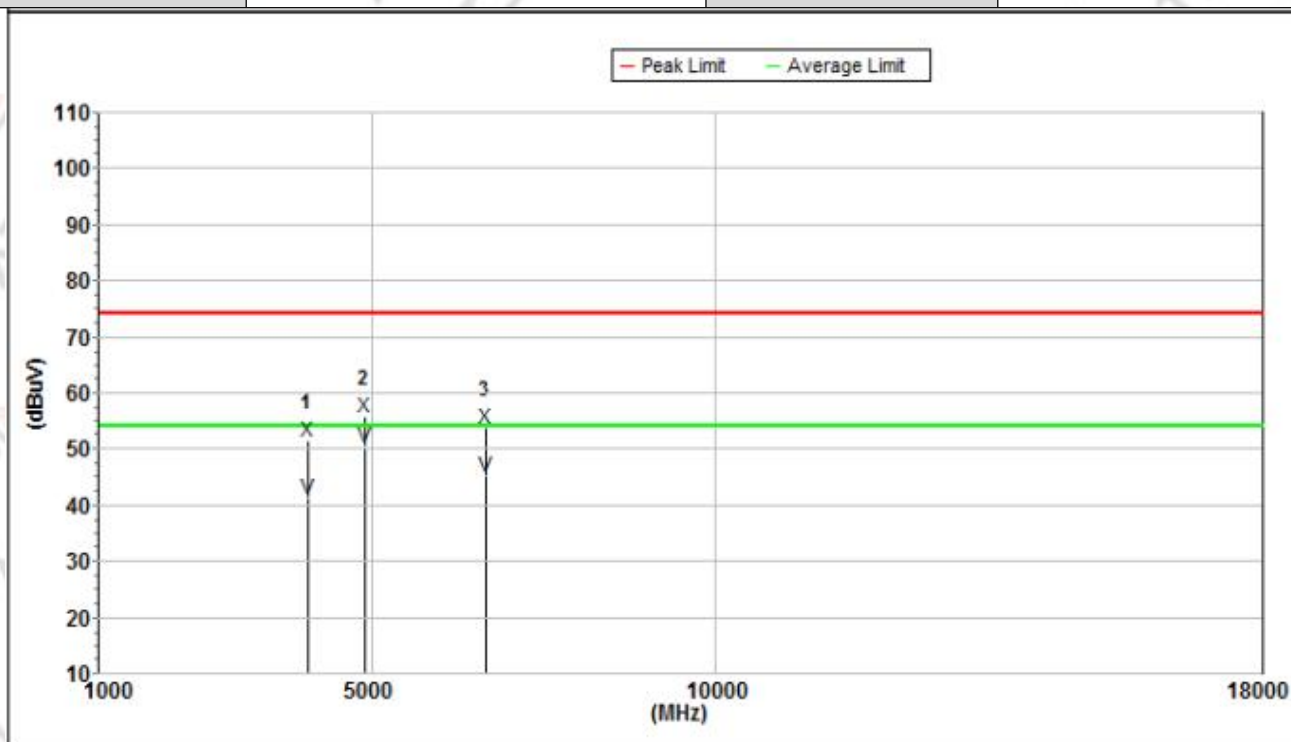
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3892.500	58.5	-8.8	49.7	74.0	24.3	H
2	4807.500	61.0	-6.3	54.7	74.0	19.3	H
3	8202.000	56.8	-0.8	56.0	74.0	18.0	H
Avg							
1	3892.500	48.2	-8.8	39.4	54.0	14.6	H
2	4807.500	52.7	-6.3	46.4	54.0	7.6	H
3	8202.000	47.7	-0.8	46.9	54.0	7.1	H

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2402MHz	Antenna Pol.	Vertical



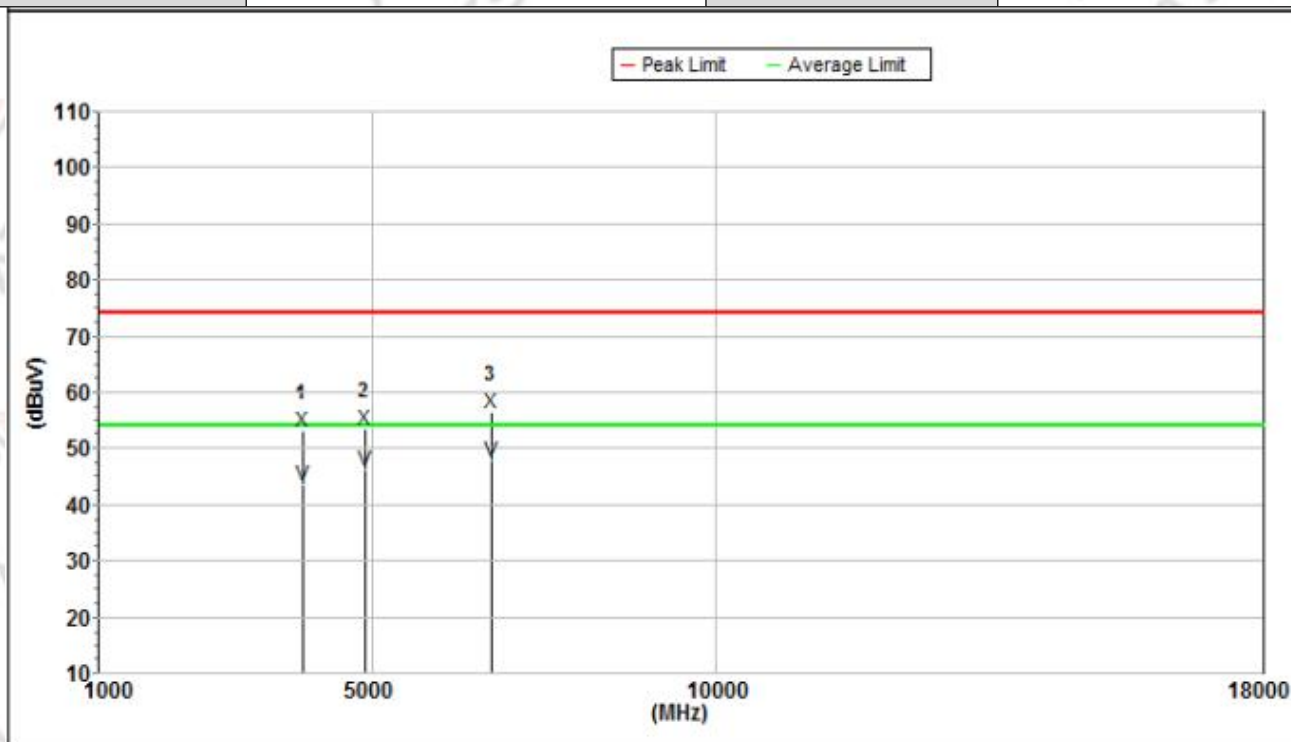
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3865.000	58.6	-6.3	52.3	74.0	21.7	V
2	4807.500	61.0	-4.4	56.6	74.0	17.4	V
3	5992.500	57.7	-1.0	56.7	74.0	17.3	V
Avg							
1	3865.000	49.1	-6.3	42.8	54.0	11.2	V
2	4807.500	52.6	-4.4	48.2	54.0	5.8	V
3	5992.500	48.9	-1.0	47.9	54.0	6.1	V

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2441MHz	Antenna Pol.	Horizontal



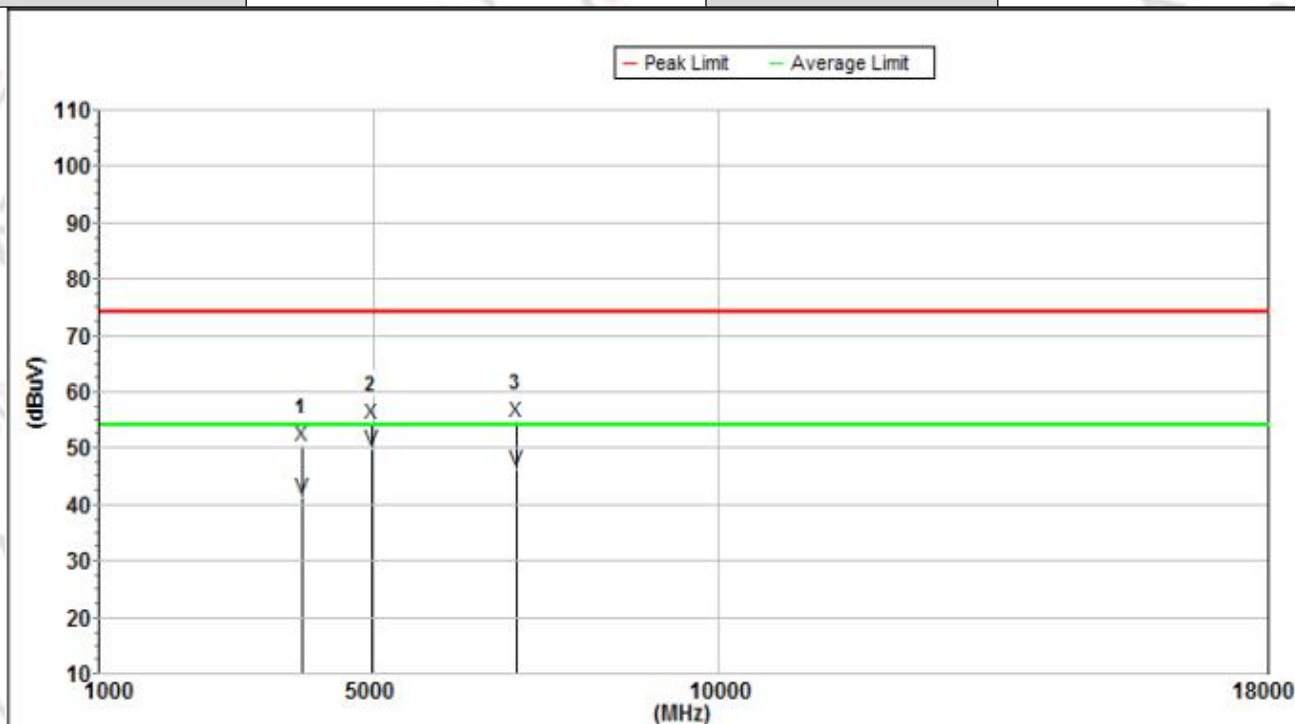
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4060.000	59.6	-8.1	51.5	74.0	22.5	H
2	4882.500	61.6	-6.0	55.6	74.0	18.4	H
3	6648.000	56.5	-2.8	53.7	74.0	20.3	H
Avg							
1	4060.000	49.2	-8.1	41.1	54.0	12.9	H
2	4882.500	56.3	-6.0	50.3	54.0	3.7	H
3	6648.000	48.0	-2.8	45.2	54.0	8.8	H

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2441MHz	Antenna Pol.	Vertical



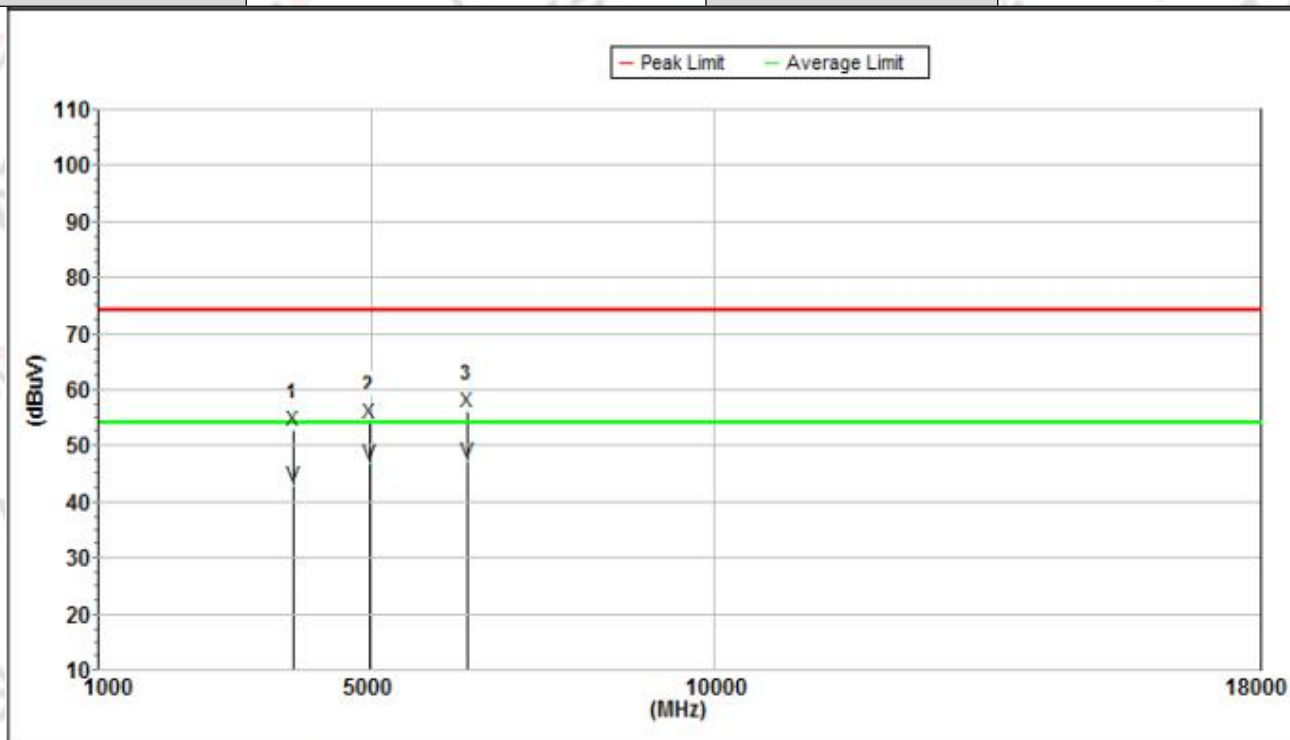
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3990.000	58.6	-5.4	53.2	74.0	20.8	V
2	4882.500	57.7	-4.3	53.4	74.0	20.6	V
3	6744.000	56.2	0.3	56.5	74.0	17.5	V
Avg							
1	3990.000	48.9	-5.4	43.5	54.0	10.5	V
2	4882.500	50.6	-4.3	46.3	54.0	7.7	V
3	6744.000	47.6	0.3	47.9	54.0	6.1	V

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2480MHz	Antenna Pol.	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3970.000	58.6	-8.3	50.3	74.0	23.7	H
2	4962.500	60.0	-5.6	54.4	74.0	19.6	H
3	7074.000	57.5	-2.9	54.6	74.0	19.4	H
Avg							
1	3970.000	49.4	-8.3	41.1	54.0	12.9	H
2	4962.500	55.4	-5.6	49.8	54.0	4.2	H
3	7074.000	49.1	-2.9	46.2	54.0	7.8	H

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2480MHz	Antenna Pol.	Vertical



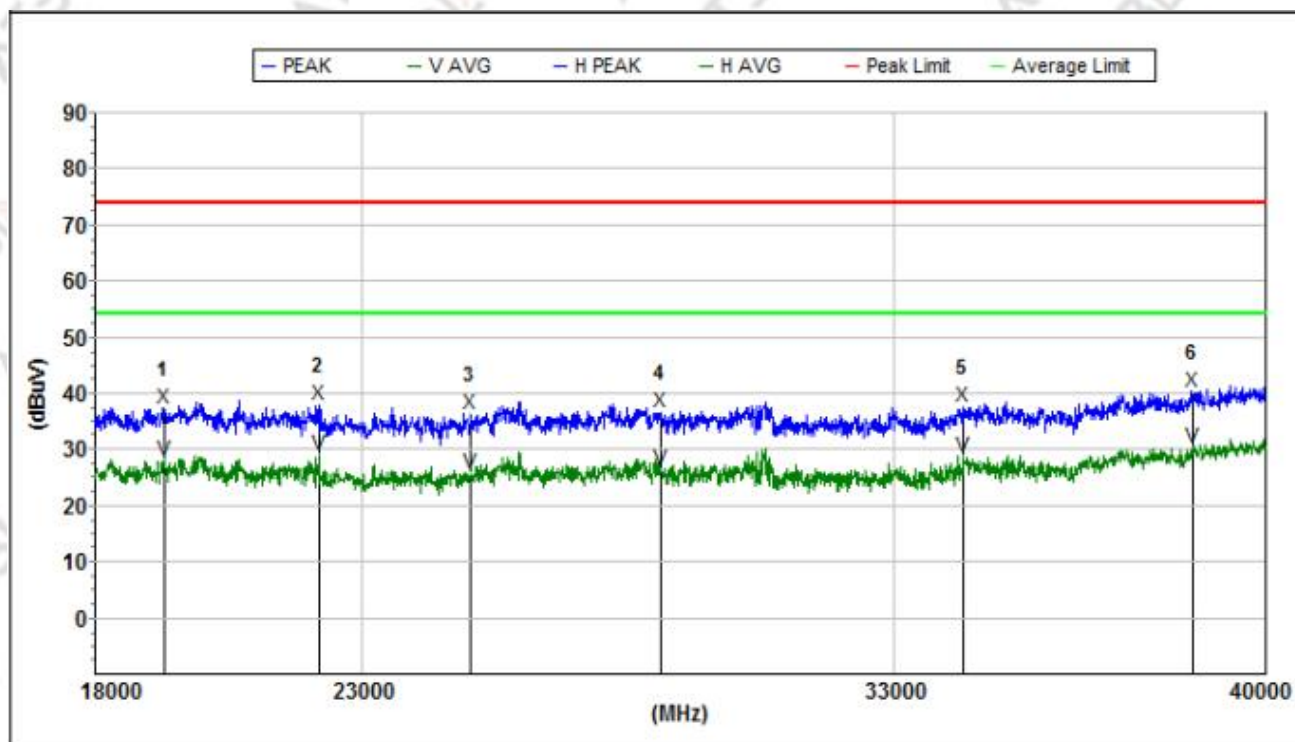
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3867.500	58.9	-6.3	52.6	74.0	21.4	V
2	4962.500	58.2	-4.2	54.0	74.0	20.0	V
3	6402.000	56.4	-0.3	56.1	74.0	17.9	V
Avg							
1	3867.500	49.3	-6.3	43.0	54.0	11.0	V
2	4962.500	51.2	-4.2	47.0	54.0	7.0	V
3	6402.000	47.4	-0.3	47.1	54.0	6.9	V

18GHz-40GHz:

Note:

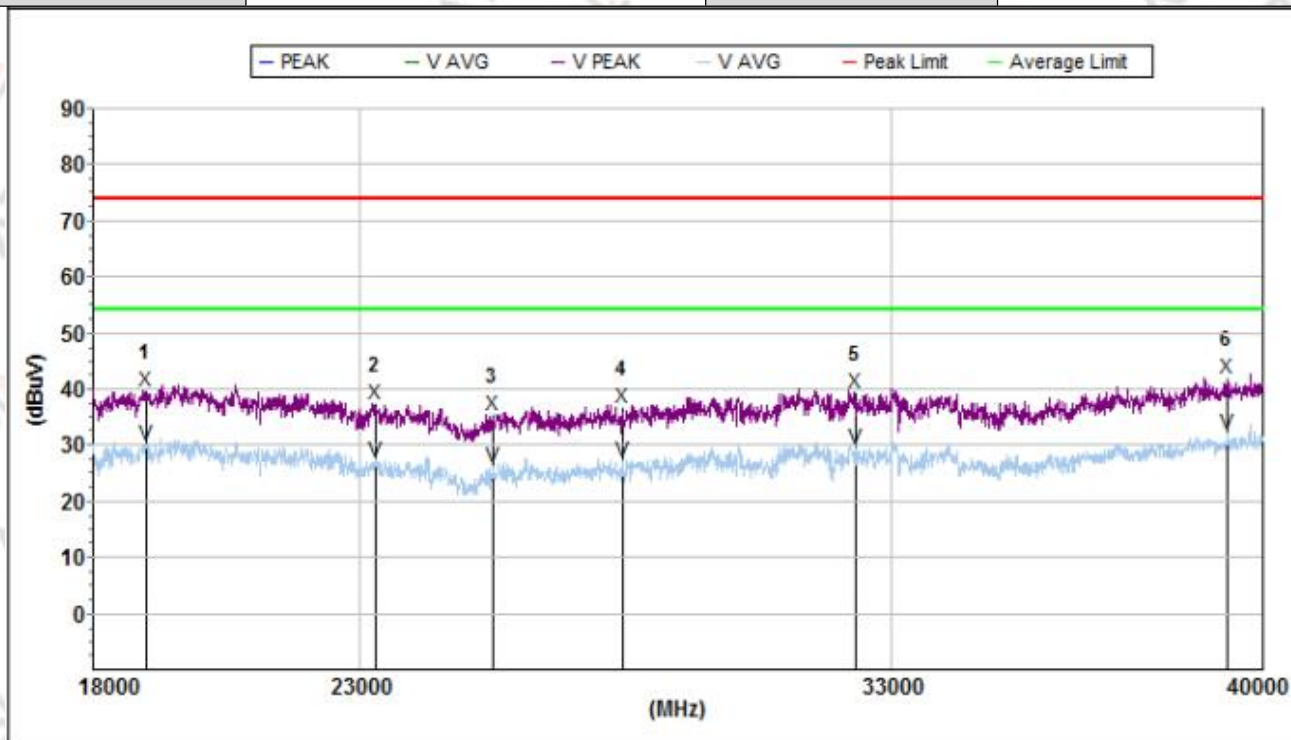
1. All modes have been tested, only worst (DH5-2441MHz)mode was recorded in the test report.
2. While performing the testing, the notch filter is used for avoiding test instrument overload.

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2441MHz	Antenna Pol.	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	19309.000	58.9	-21.6	37.3	74.0	36.7	H
2	22202.000	59.7	-21.6	38.1	74.0	35.9	H
3	25051.000	57.7	-21.2	36.5	74.0	37.5	H
4	28637.000	53.5	-16.7	36.8	74.0	37.2	H
5	34324.000	56.2	-18.5	37.7	74.0	36.3	H
6	38625.000	56.0	-15.8	40.2	74.0	33.8	H
Avg							
1	19309.000	49.6	-21.6	28.0	54.0	26.0	H
2	22202.000	50.7	-21.6	29.1	54.0	24.9	H
3	25051.000	47.2	-21.2	26.0	54.0	28.0	H
4	28637.000	43.3	-16.7	26.6	54.0	27.4	H
5	34324.000	47.4	-18.5	28.9	54.0	25.1	H
6	38625.000	46.1	-15.8	30.3	54.0	23.7	H

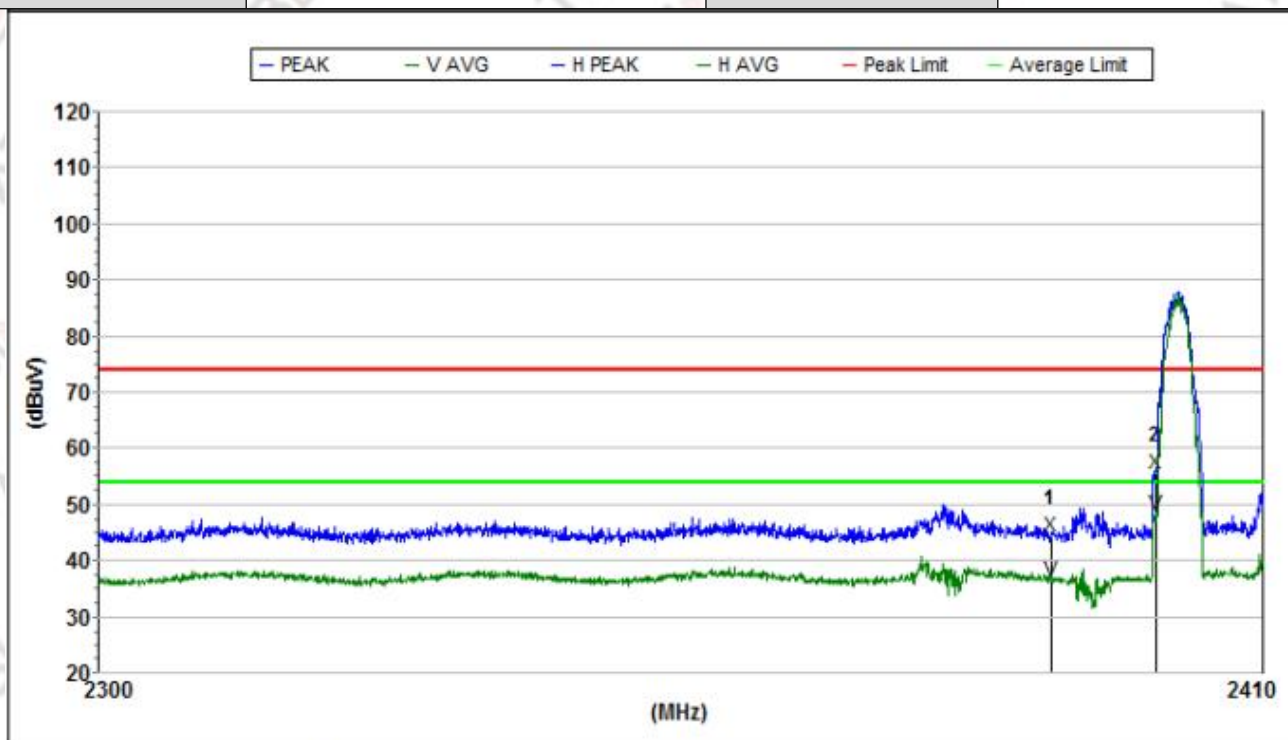
EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2441MHz	Antenna Pol.	Vertical



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	18990.000	56.7	-16.9	39.8	74.0	34.2	V
2	23313.000	54.0	-16.5	37.5	74.0	36.5	V
3	25535.000	53.6	-18.1	35.5	74.0	38.5	V
4	27977.000	53.8	-17.0	36.8	74.0	37.2	V
5	32355.000	56.2	-16.7	39.5	74.0	34.5	V
6	39340.000	57.4	-15.3	42.1	74.0	31.9	V
Avg							
1	18990.000	47.0	-16.9	30.1	54.0	23.9	V
2	23313.000	43.7	-16.5	27.2	54.0	26.8	V
3	25535.000	44.3	-18.1	26.2	54.0	27.8	V
4	27977.000	44.1	-17.0	27.1	54.0	26.9	V
5	32355.000	46.2	-16.7	29.5	54.0	24.5	V
6	39340.000	47.3	-15.3	32.0	54.0	22.0	V

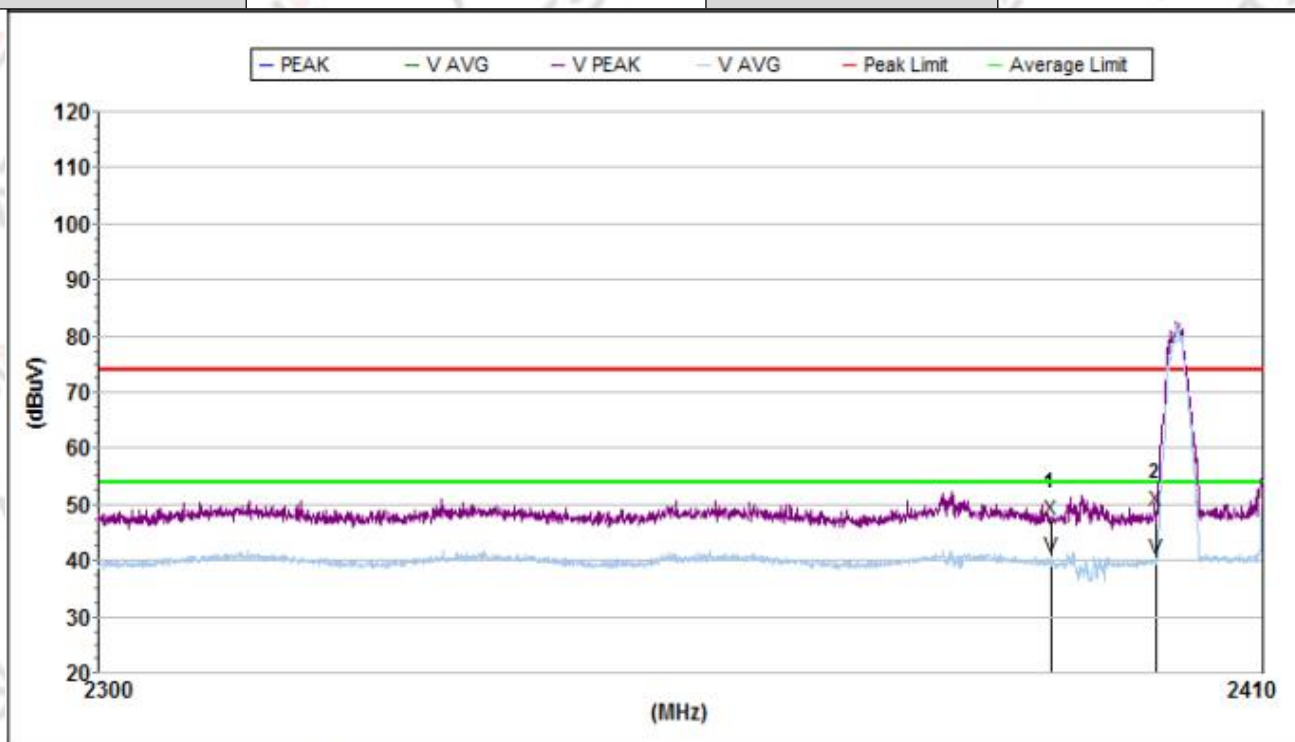
Restricted Band:

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5--2402MHz	Antenna Pol.	Horizontal



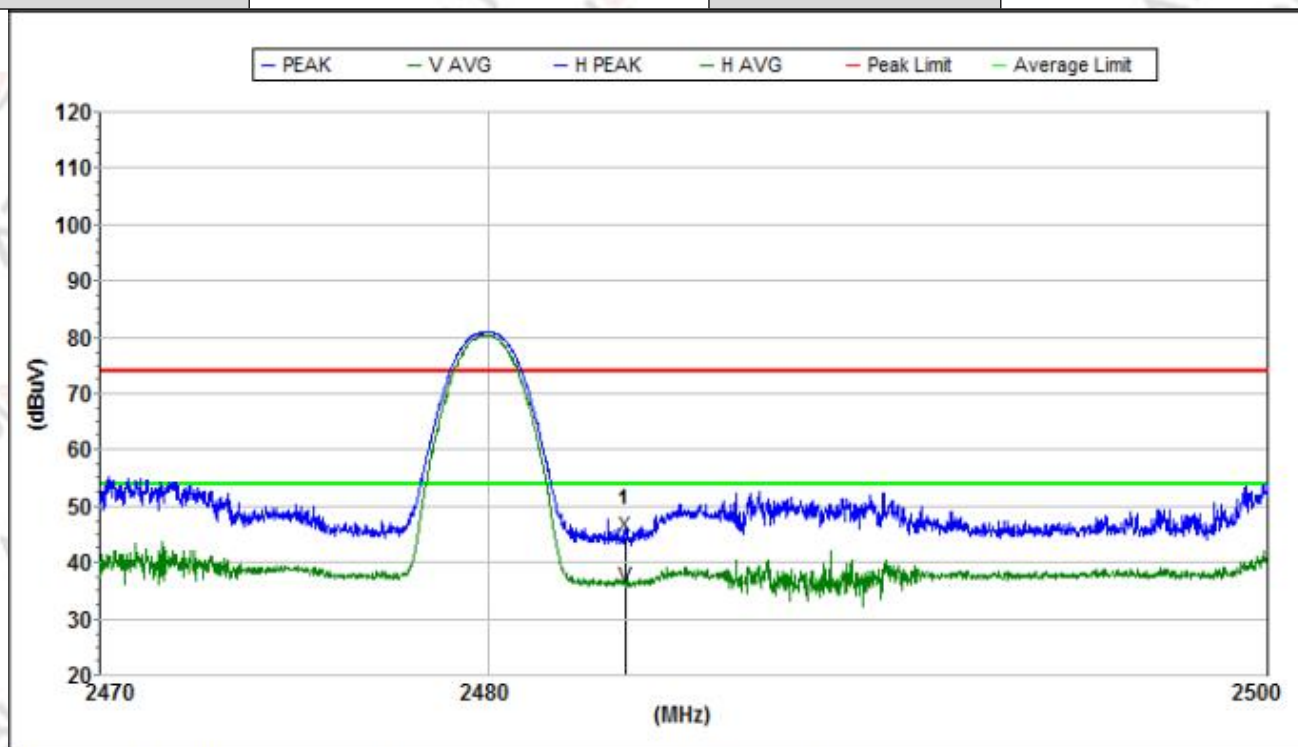
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2390.000	58.4	-14.2	44.2	74.0	29.8	H
2	2400.000	69.8	-14.2	55.6	74.0	18.4	H
Avg							
1	2390.000	50.7	-14.2	36.5	54.0	17.5	H
2	2400.000	62.4	-14.2	48.2	54.0	5.8	H

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2402MHz	Antenna Pol.	Vertical



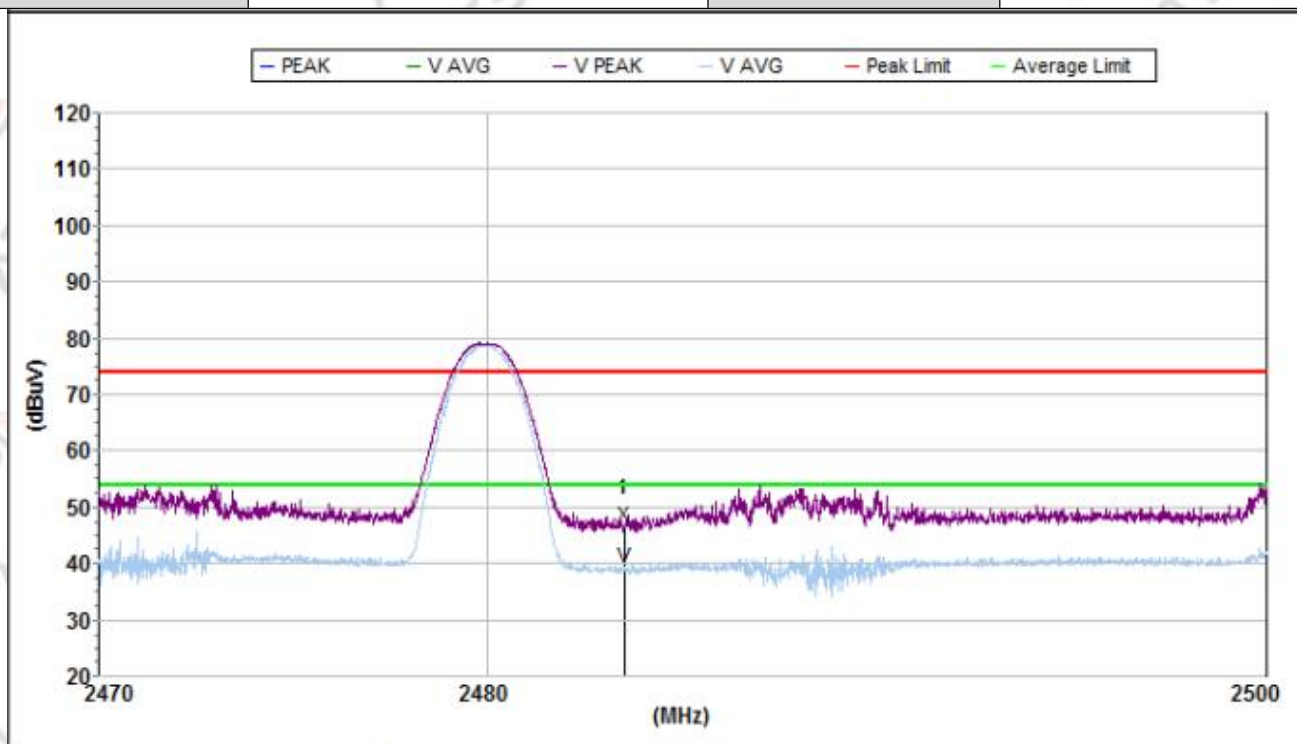
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2390.000	58.7	-11.3	47.4	74.0	26.6	V
2	2400.000	60.4	-11.4	49.0	74.0	25.0	V
Avg							
1	2390.000	51.9	-11.3	40.6	54.0	13.4	V
2	2400.000	51.8	-11.4	40.4	54.0	13.6	V

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5--2480MHz	Antenna Pol.	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2483.500	58.9	-14.3	44.6	74.0	29.4	H
Avg							
1	2483.500	50.1	-14.3	35.8	54.0	18.2	H

EUT	Acer Dual-Mode Wireless Mouse	Model Name	OMR293
Test Mode	DH5-2480MHz	Antenna Pol.	Vertical



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2483.500	58.2	-11.7	46.5	74.0	27.5	V
Avg							
1	2483.500	51.2	-11.7	39.5	54.0	14.5	V