

Appendix B_Radiated Spurious Emission Data for 5GHz WIFI:

1.Radiated Spurious Emission and Restricted Band

Radiated Spurious Emission:

For 9 kHz ~ 30 MHz

Note:

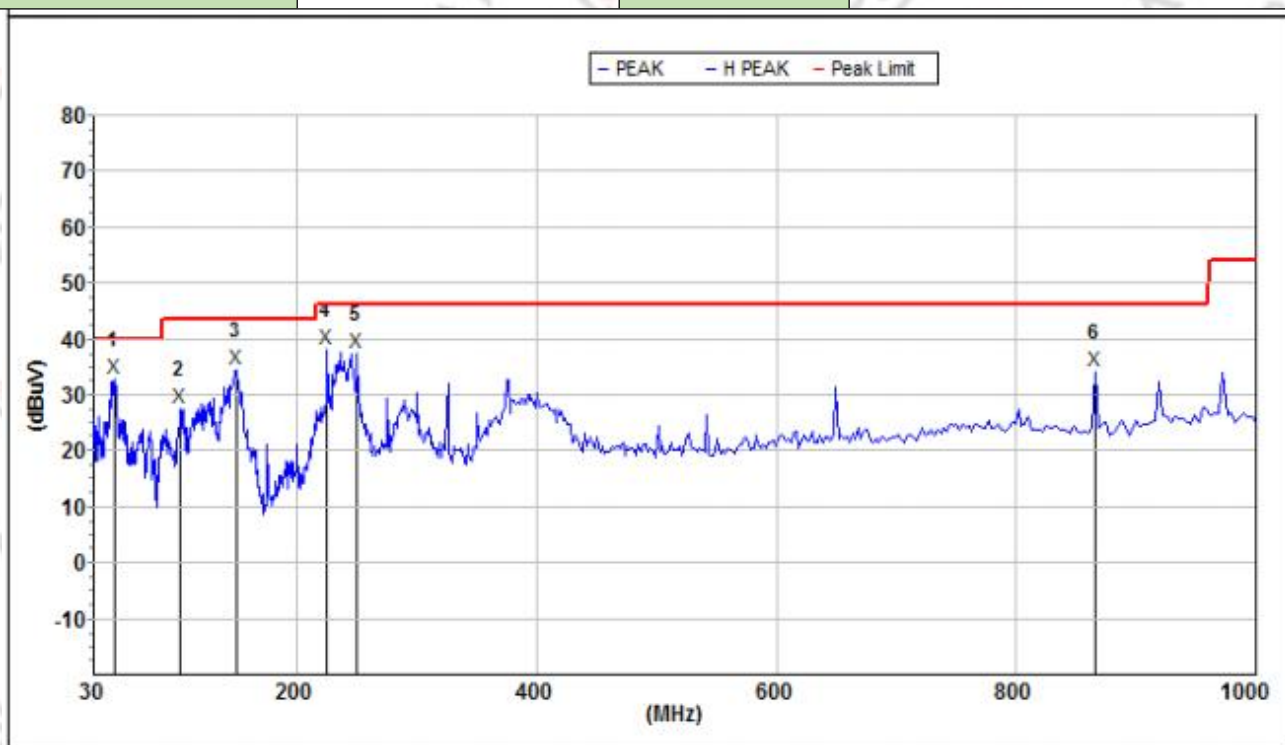
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

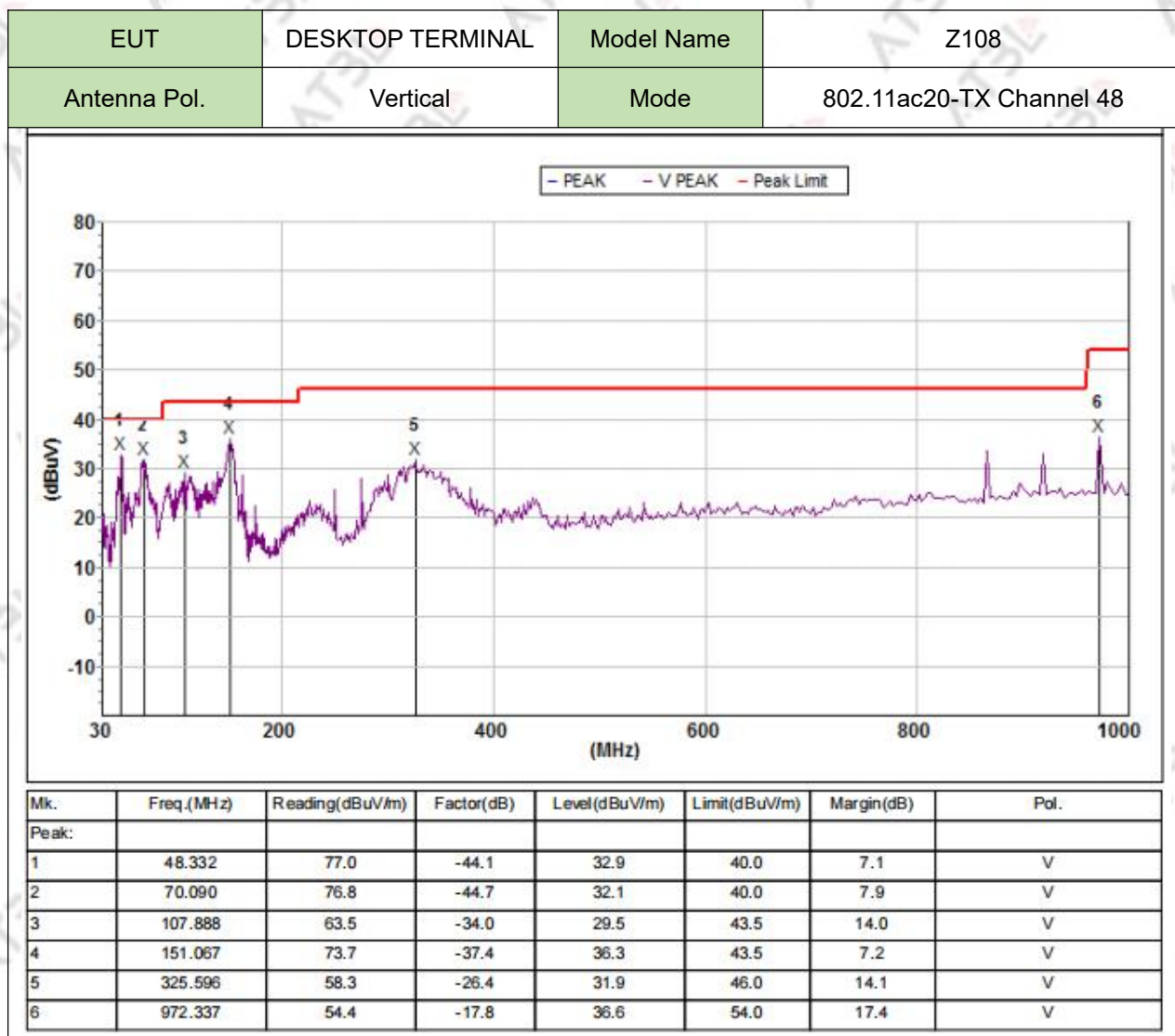
Note:

- 1.All modes have been tested, only worst (802.11ac20-TX Channel 48)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 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	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac20-TX Channel 48



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	47.826	75.4	-42.3	33.1	40.0	6.9	H
2	102.001	66.9	-39.3	27.6	43.5	15.9	H
3	148.962	69.6	-35.1	34.5	43.5	9.0	H
4	225.308	66.8	-28.7	38.1	46.0	7.9	H
5	250.301	64.8	-27.3	37.5	46.0	8.5	H
6	866.088	53.7	-19.3	34.4	46.0	11.6	H

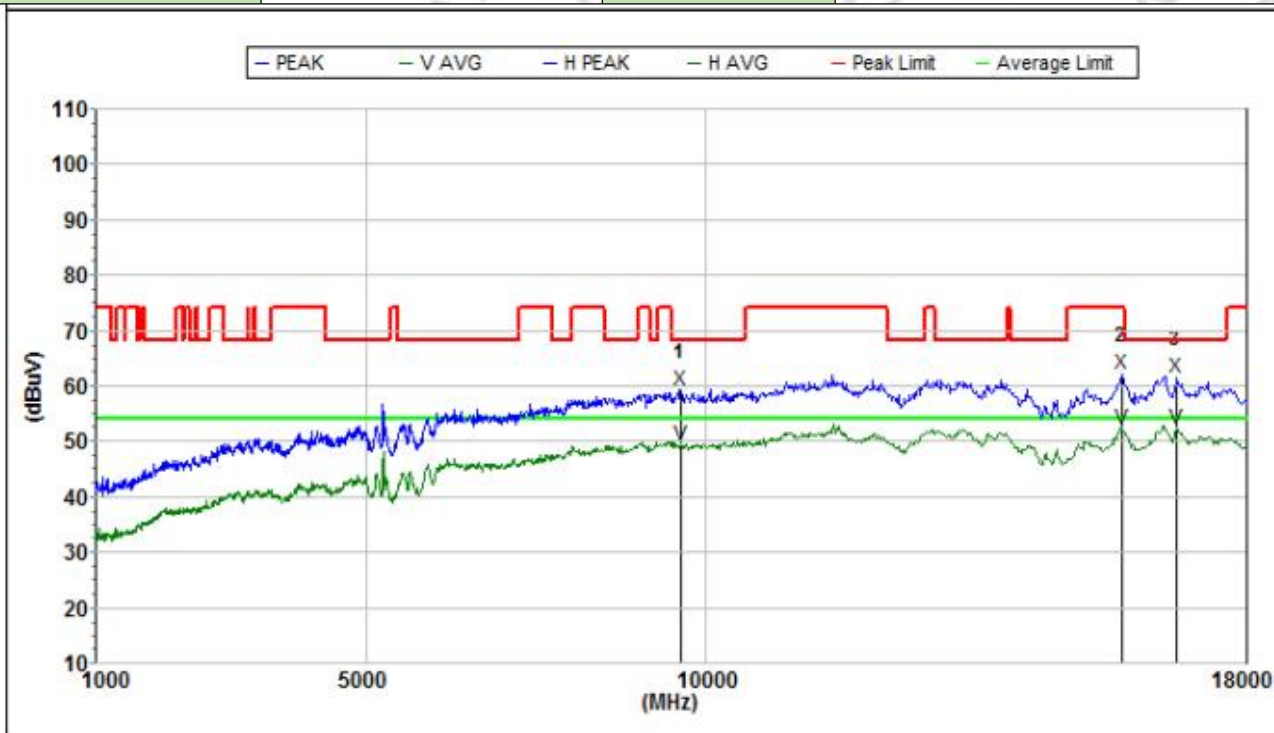


1GHz~18GHz:**Note:**

- 1.All the modes have been tested. The report only records the worst data, the Low-channel ,Mid-channel and High-channel performance in the 802.11a mode, and single channel performance in 802.11ac20-TX Channel 48 mode.
- 2.We used the filter to test and the main frequency was filtered out.
- 3.Emission Level (dBUV/m) = Reading Value (dBUV) + Correction Factor (dB/m).
4. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
5. Margin value = Emission level-Limit value.
- 6.While performing the testing, the notch filter is used for avoiding test instrument overload.

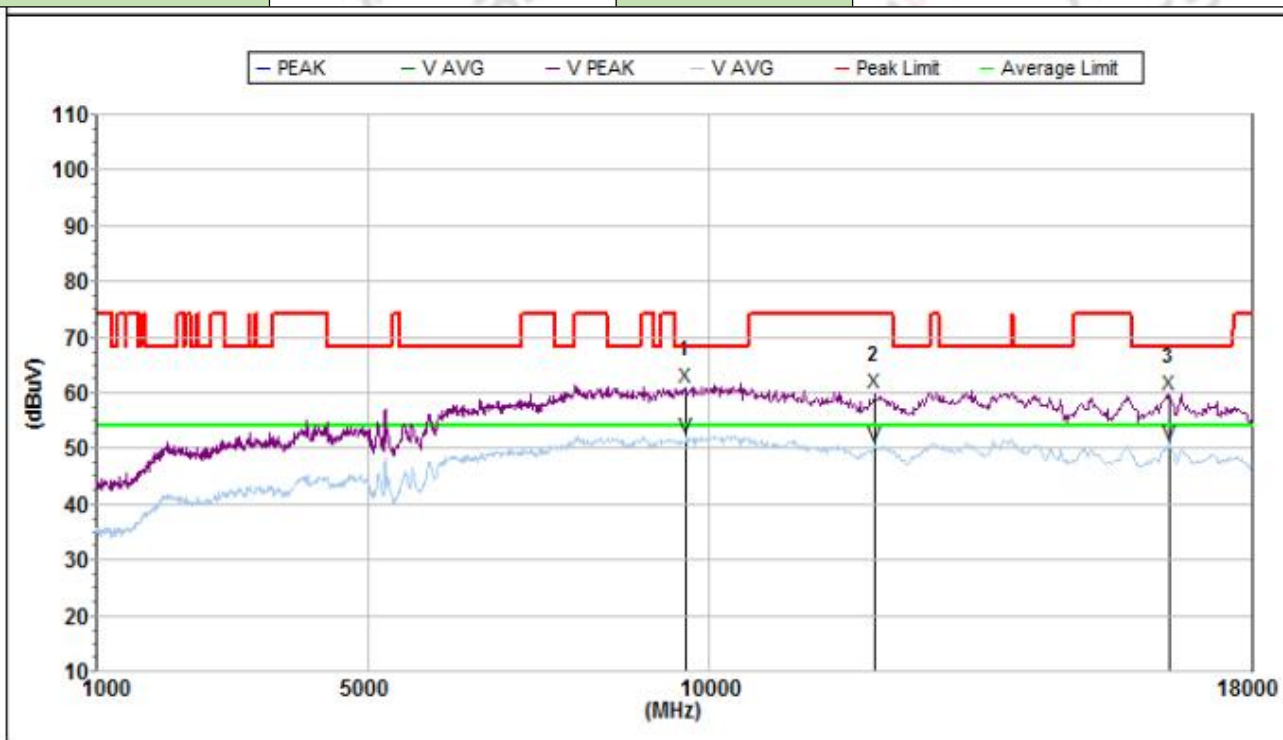
802.11ac:

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Test Mode	802.11ac20-TX Channel 48



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9644.500	59.1	0.4	59.5	68.2	8.7	H
2	16155.500	58.7	3.6	62.3	74.0	11.7	H
3	16971.500	57.7	4.0	61.7	68.2	6.5	H
Avg							
1	9644.500	49.2	0.4	49.6	54.0	4.4	H
2	16155.500	48.9	3.6	52.5	54.0	1.5	H
3	16971.500	48.4	4.0	52.4	54.0	1.6	H

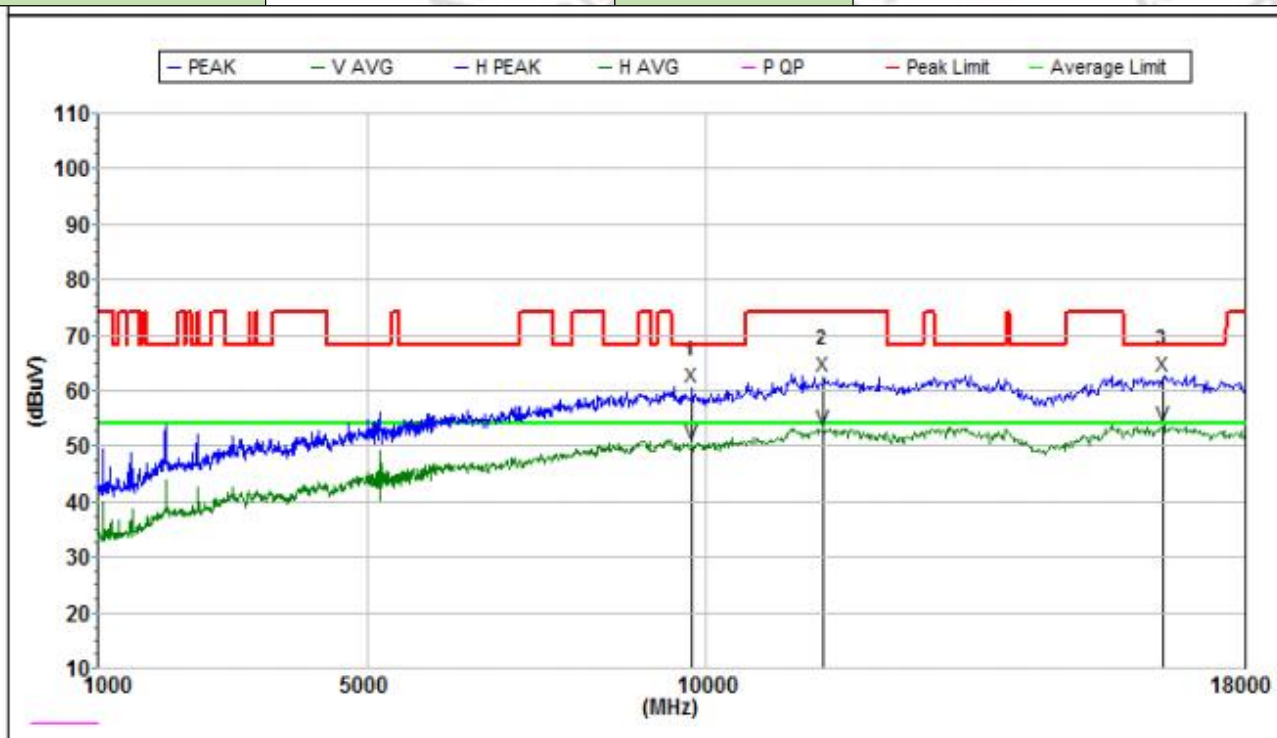
EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Test Mode	802.11ac-TX Channel 48



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9670.000	58.6	2.5	61.1	68.2	7.1	V
2	12449.500	58.7	1.4	60.1	74.0	13.9	V
3	16793.000	58.0	1.7	59.7	68.2	8.5	V
Avg							
1	9670.000	49.7	2.5	52.2	54.0	1.8	V
2	12449.500	49.0	1.4	50.4	54.0	3.6	V
3	16793.000	49.1	1.7	50.8	54.0	3.2	V

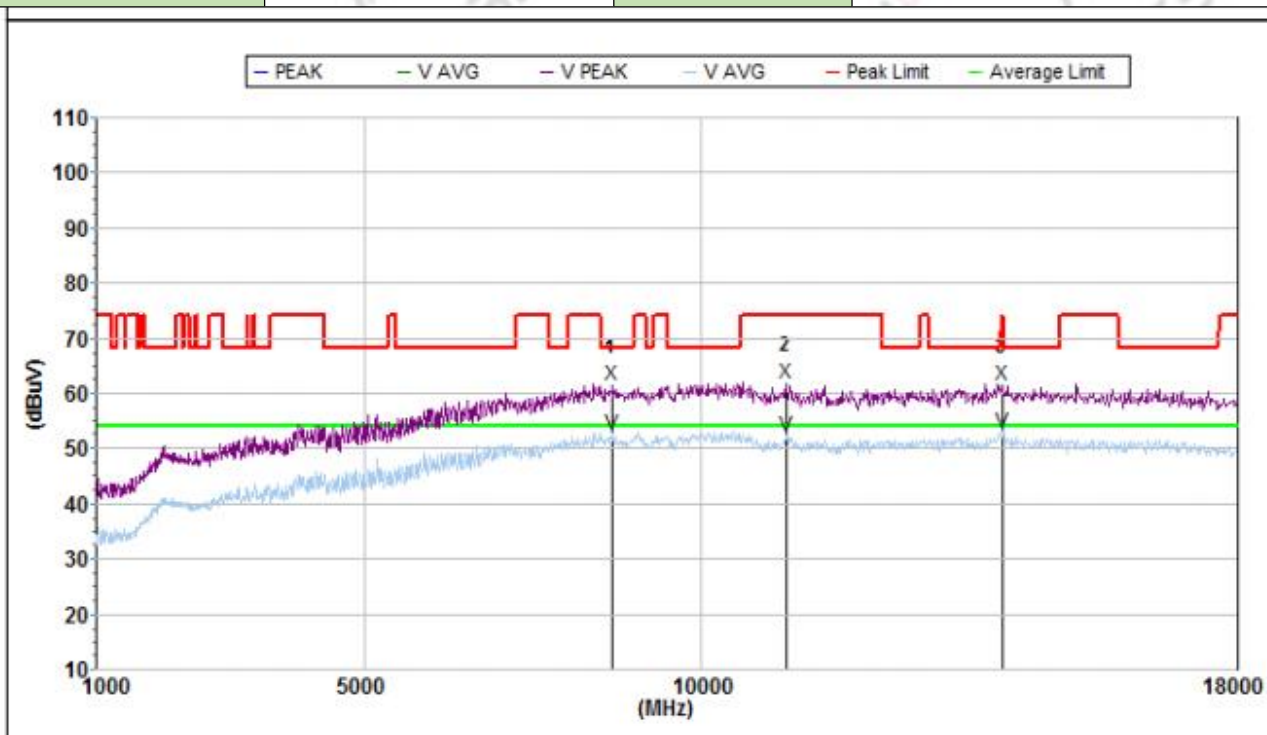
802.11a:

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Test Mode	802.11a-TX Channel 36



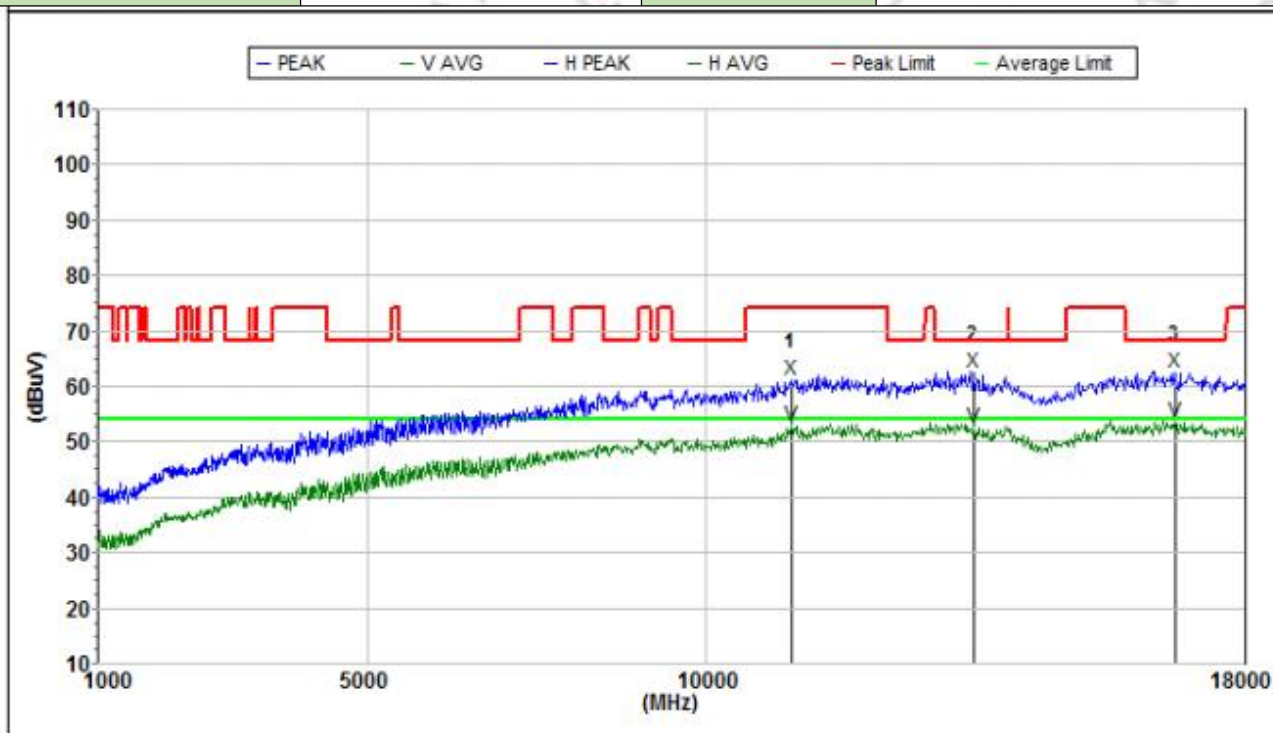
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9797.500	60.2	0.3	60.5	68.2	7.7	H
2	11744.000	60.0	2.7	62.7	74.0	11.3	H
3	16776.000	58.9	3.8	62.7	68.2	5.5	H
Avg							
1	9797.500	50.2	0.3	50.5	54.0	3.5	H
2	11744.000	50.5	2.7	53.2	54.0	0.8	H
3	16776.000	50.0	3.8	53.8	54.0	0.2	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Test Mode	802.11a-TX Channel 36



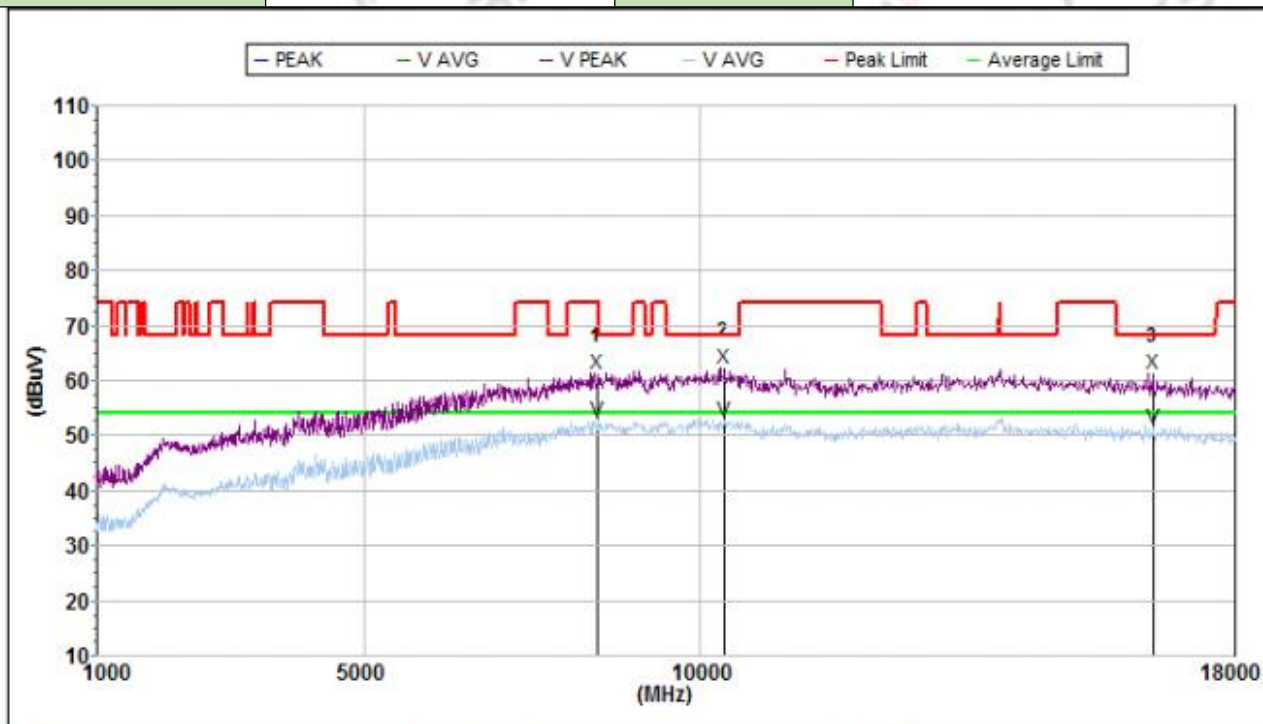
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8675.500	59.3	2.3	61.6	68.2	6.6	V
2	11276.500	60.4	1.6	62.0	74.0	12.0	V
3	14498.000	59.1	2.6	61.7	74.0	12.3	V
Avg							
1	8675.500	50.5	2.3	52.8	54.0	1.2	V
2	11276.500	50.7	1.6	52.3	54.0	1.7	V
3	14498.000	50.5	2.6	53.1	54.0	0.9	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 40



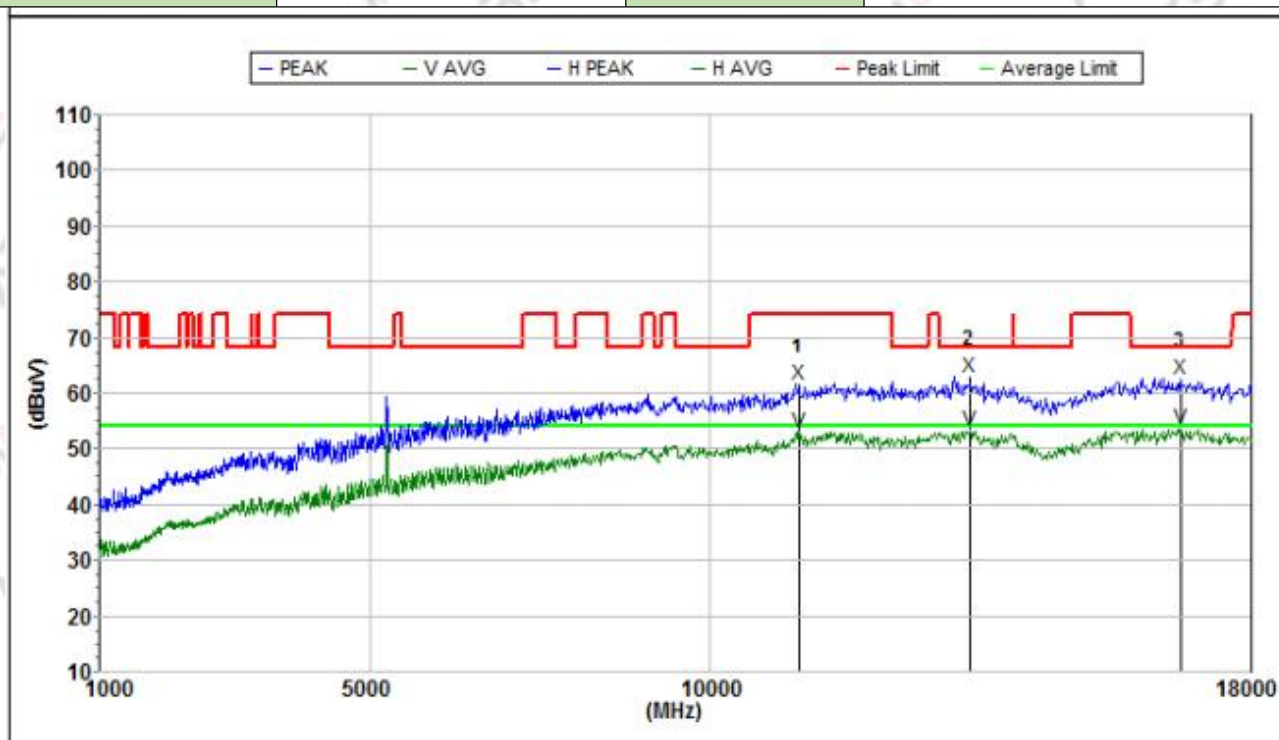
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11268.000	59.2	2.1	61.3	74.0	12.7	H
2	13979.500	60.4	2.3	62.7	68.2	5.5	H
3	16971.500	58.7	4.0	62.7	68.2	5.5	H
Avg							
1	11268.000	51.1	2.1	53.2	54.0	0.8	H
2	13979.500	50.6	2.3	52.9	54.0	1.1	H
3	16971.500	49.8	4.0	53.8	54.0	0.2	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 40



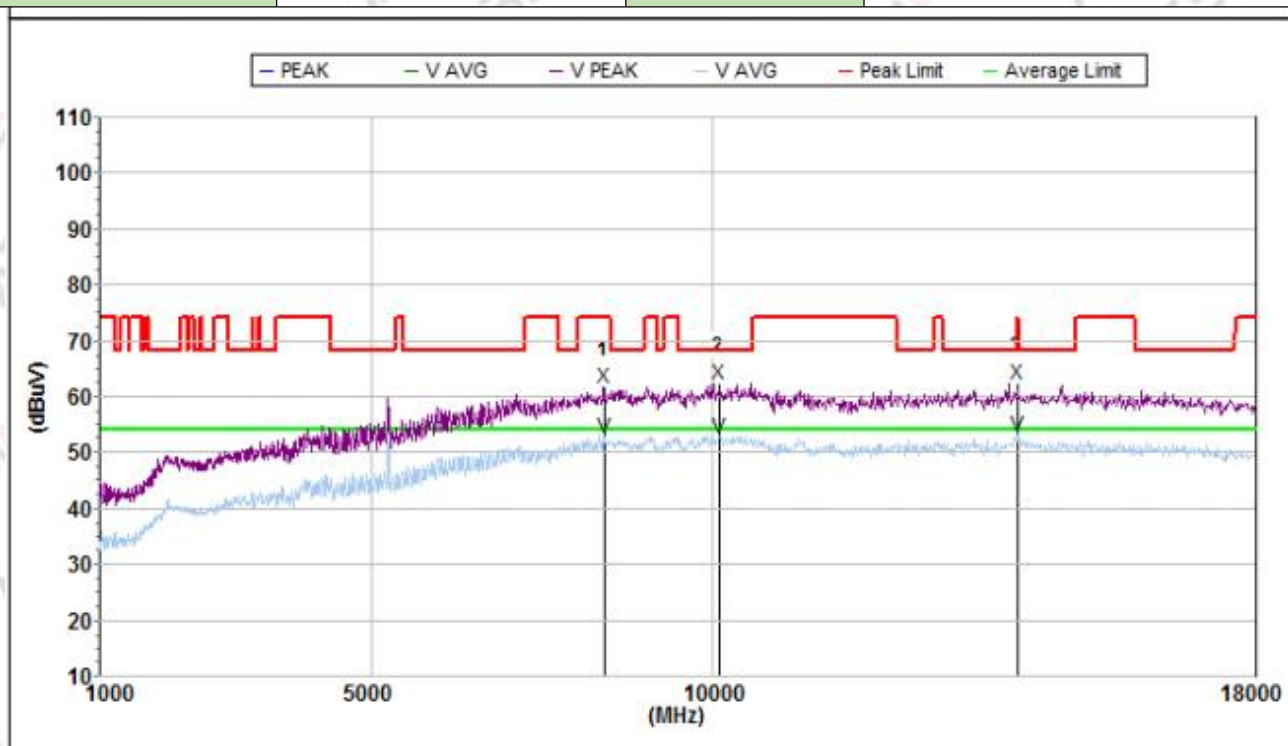
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8480.000	58.8	2.4	61.2	74.0	12.8	V
2	10367.000	59.1	3.3	62.4	68.2	5.8	V
3	16776.000	59.5	1.7	61.2	68.2	7.0	V
Avg							
1	8480.000	50.4	2.4	52.8	54.0	1.2	V
2	10367.000	49.5	3.3	52.8	54.0	1.2	V
3	16776.000	49.7	1.7	51.4	54.0	2.6	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 48



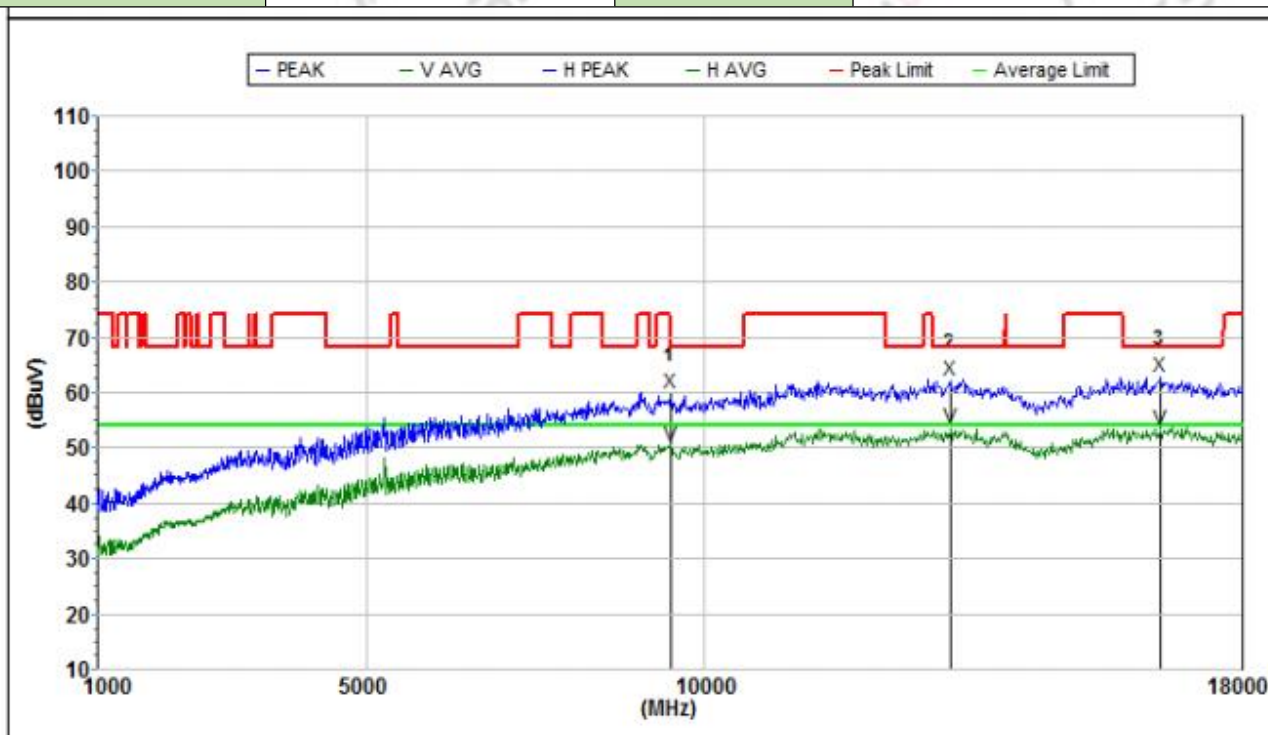
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11336.000	59.6	2.2	61.8	74.0	12.2	H
2	13852.000	60.4	2.5	62.9	68.2	5.3	H
3	16963.000	58.6	4.0	62.6	68.2	5.6	H
Avg							
1	11336.000	50.9	2.2	53.1	54.0	0.9	H
2	13852.000	51.0	2.5	53.5	54.0	0.5	H
3	16963.000	49.7	4.0	53.7	54.0	0.3	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 48



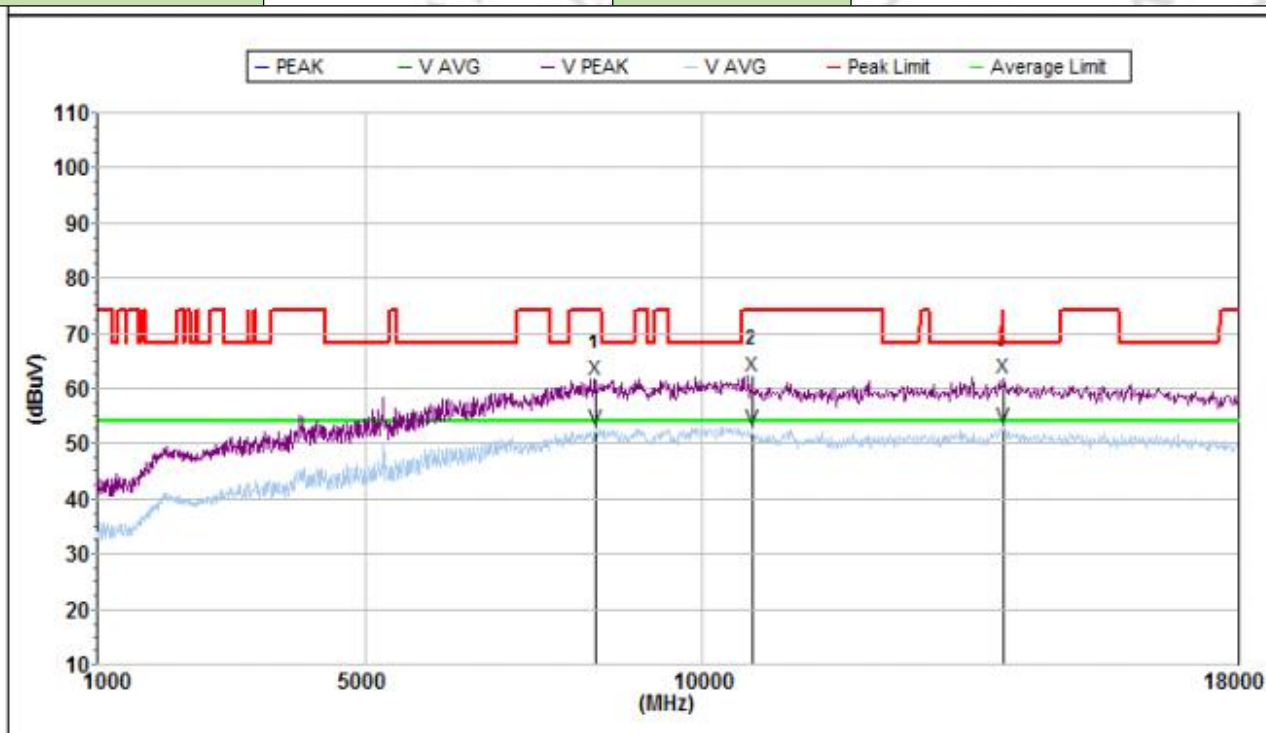
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8412.000	59.2	2.4	61.6	74.0	12.4	V
2	10120.500	59.3	3.1	62.4	68.2	5.8	V
3	14498.000	59.6	2.6	62.2	74.0	11.8	V
Avg							
1	8412.000	50.2	2.4	52.6	54.0	1.4	V
2	10120.500	49.8	3.1	52.9	54.0	1.1	V
3	14498.000	50.6	2.6	53.2	54.0	0.8	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 52



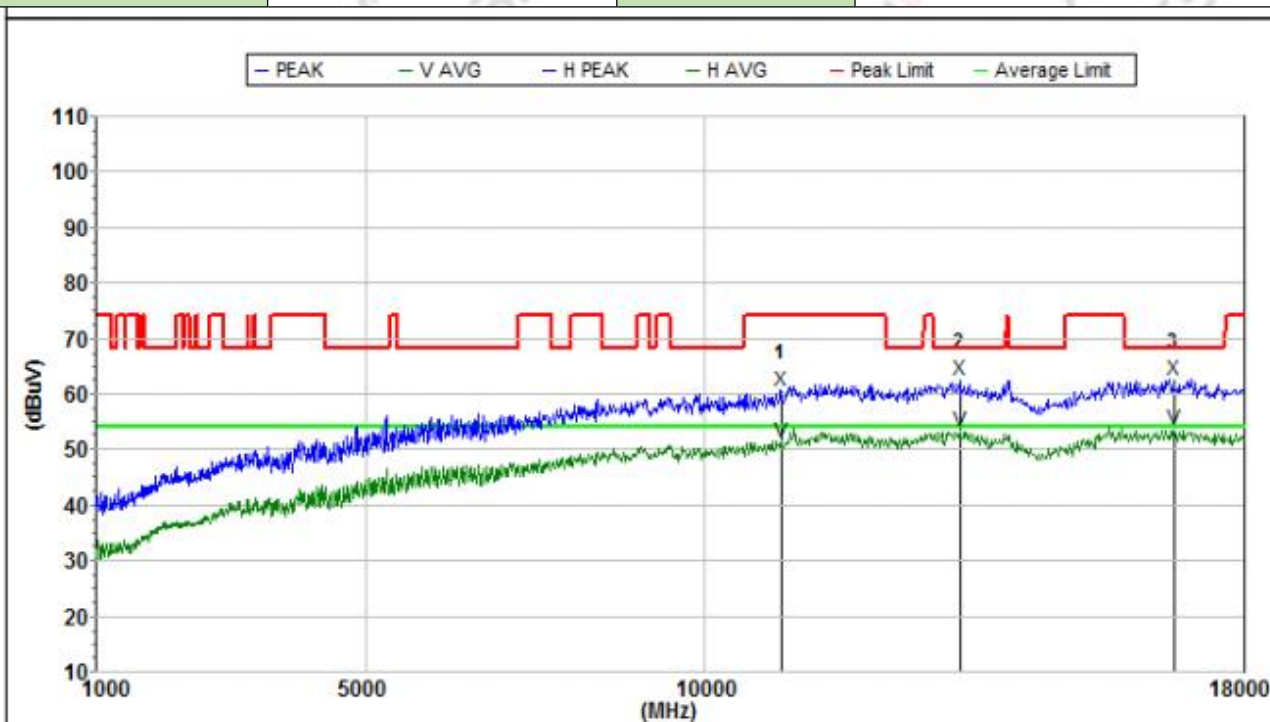
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9508.500	59.6	0.5	60.1	68.2	8.1	H
2	13665.000	59.4	2.9	62.3	68.2	5.9	H
3	16776.000	59.2	3.8	63.0	68.2	5.2	H
Avg							
1	9508.500	50.1	0.5	50.6	54.0	3.4	H
2	13665.000	50.8	2.9	53.7	54.0	0.3	H
3	16776.000	49.6	3.8	53.4	54.0	0.6	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 52



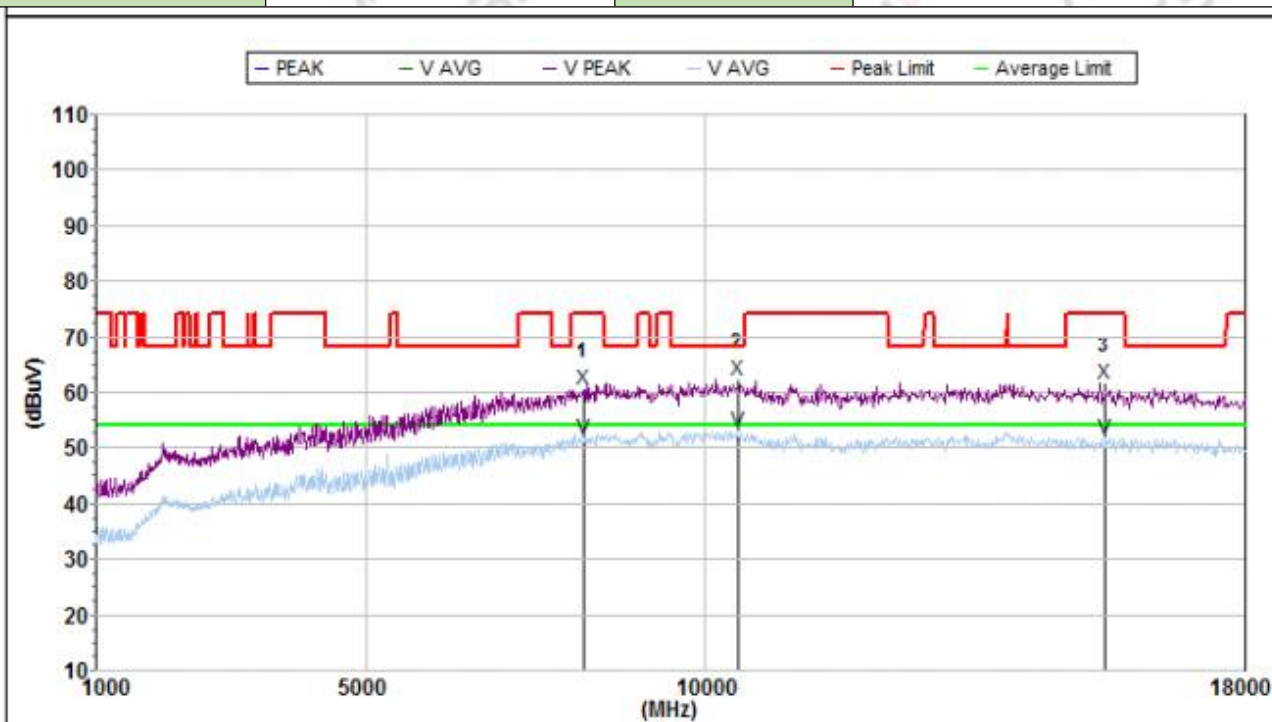
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8429.000	59.2	2.4	61.6	74.0	12.4	V
2	10758.000	59.6	2.6	62.2	74.0	11.8	V
3	14506.500	59.3	2.6	61.9	68.2	6.3	V
Avg							
1	8429.000	50.4	2.4	52.8	54.0	1.2	V
2	10758.000	50.0	2.6	52.6	54.0	1.4	V
3	14506.500	50.6	2.6	53.2	54.0	0.8	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 60



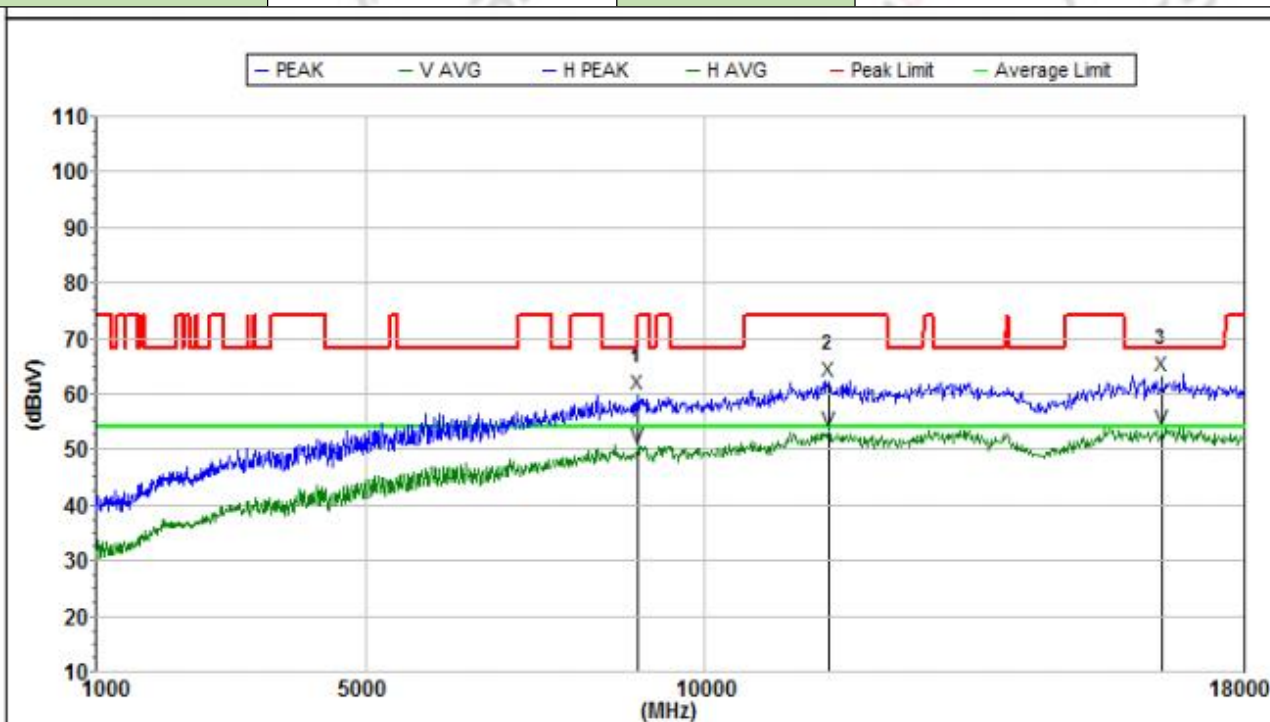
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11157.500	58.9	1.9	60.8	74.0	13.2	H
2	13792.500	60.0	2.6	62.6	68.2	5.6	H
3	16963.000	58.6	4.0	62.6	68.2	5.6	H
Avg							
1	11157.500	49.4	1.9	51.3	54.0	2.7	H
2	13792.500	50.9	2.6	53.5	54.0	0.5	H
3	16963.000	49.6	4.0	53.6	54.0	0.4	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 60



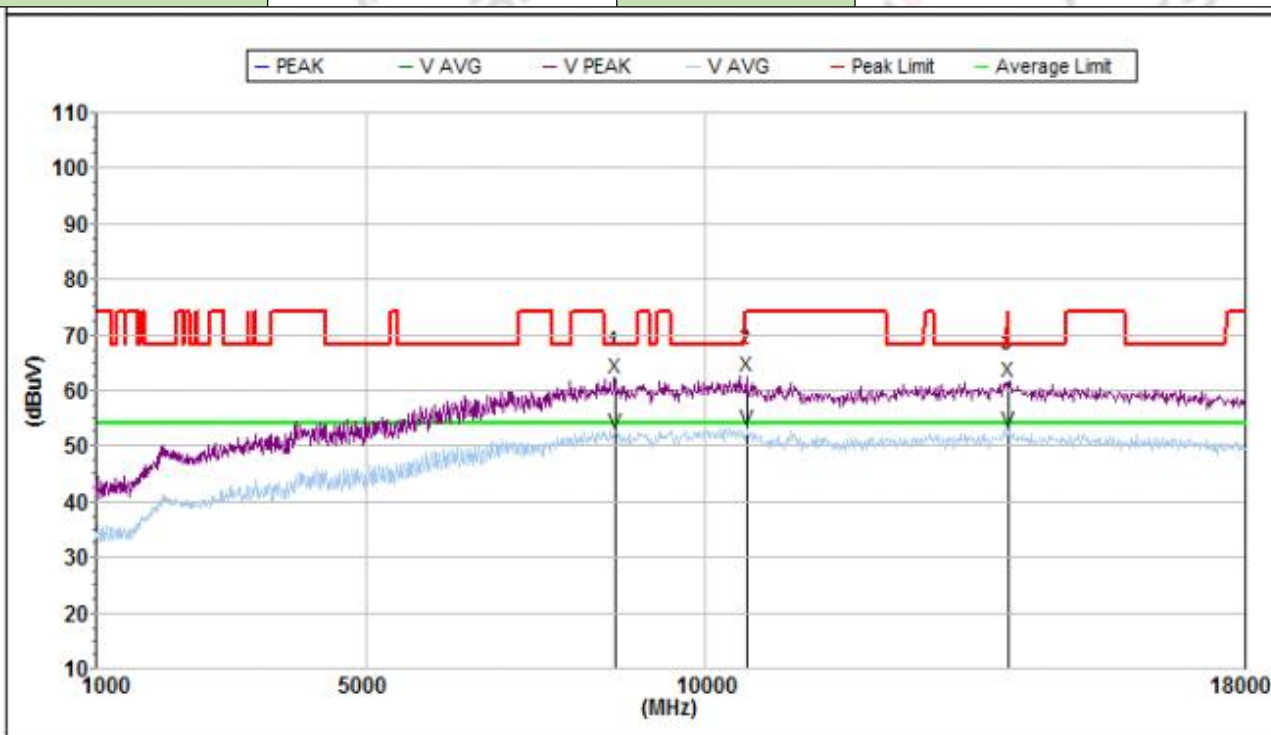
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8216.500	58.2	2.3	60.5	74.0	13.5	V
2	10494.500	59.0	3.4	62.4	68.2	5.8	V
3	15926.000	60.0	1.7	61.7	74.0	12.3	V
Avg							
1	8216.500	49.6	2.3	51.9	54.0	2.1	V
2	10494.500	49.6	3.4	53.0	54.0	1.0	V
3	15926.000	50.2	1.7	51.9	54.0	2.1	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 64



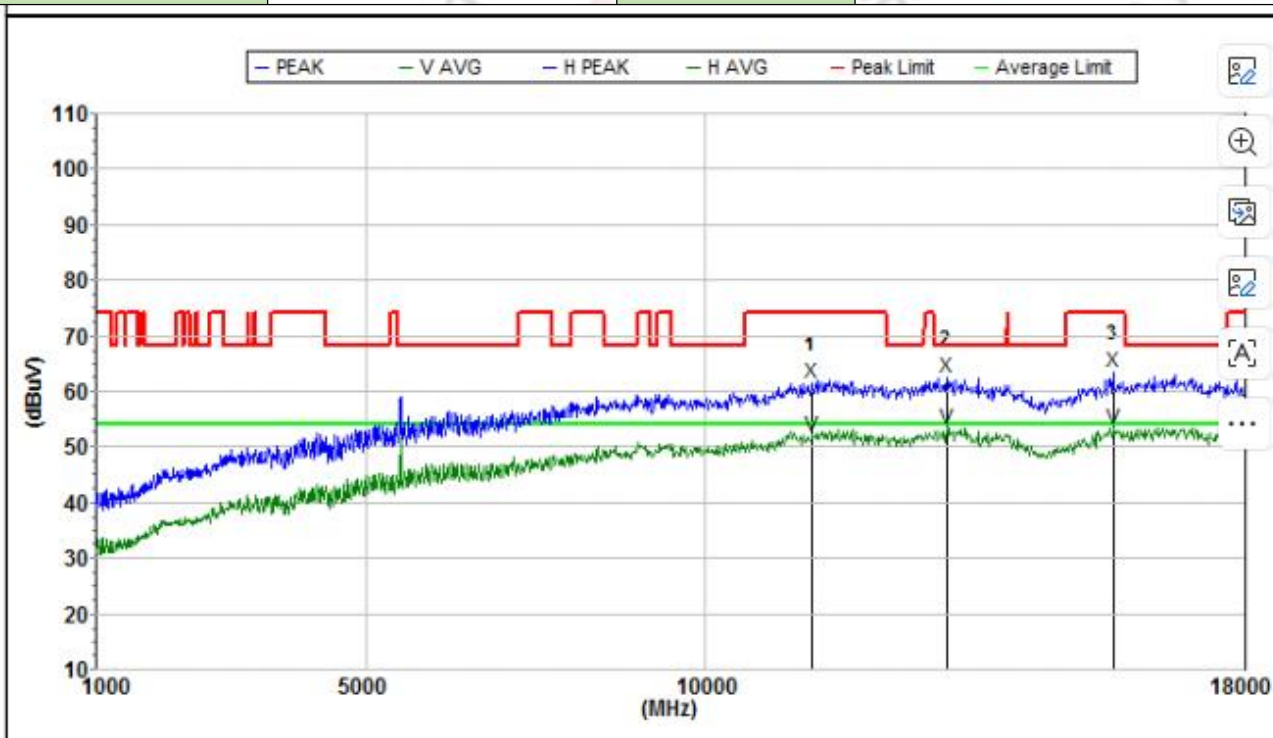
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9015.500	60.3	-0.2	60.1	74.0	13.9	H
2	11846.000	59.5	2.9	62.4	74.0	11.6	H
3	16776.000	59.6	3.8	63.4	68.2	4.8	H
Avg							
1	9015.500	50.8	-0.2	50.6	54.0	3.4	H
2	11846.000	50.4	2.9	53.3	54.0	0.7	H
3	16776.000	49.8	3.8	53.6	54.0	0.4	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 64



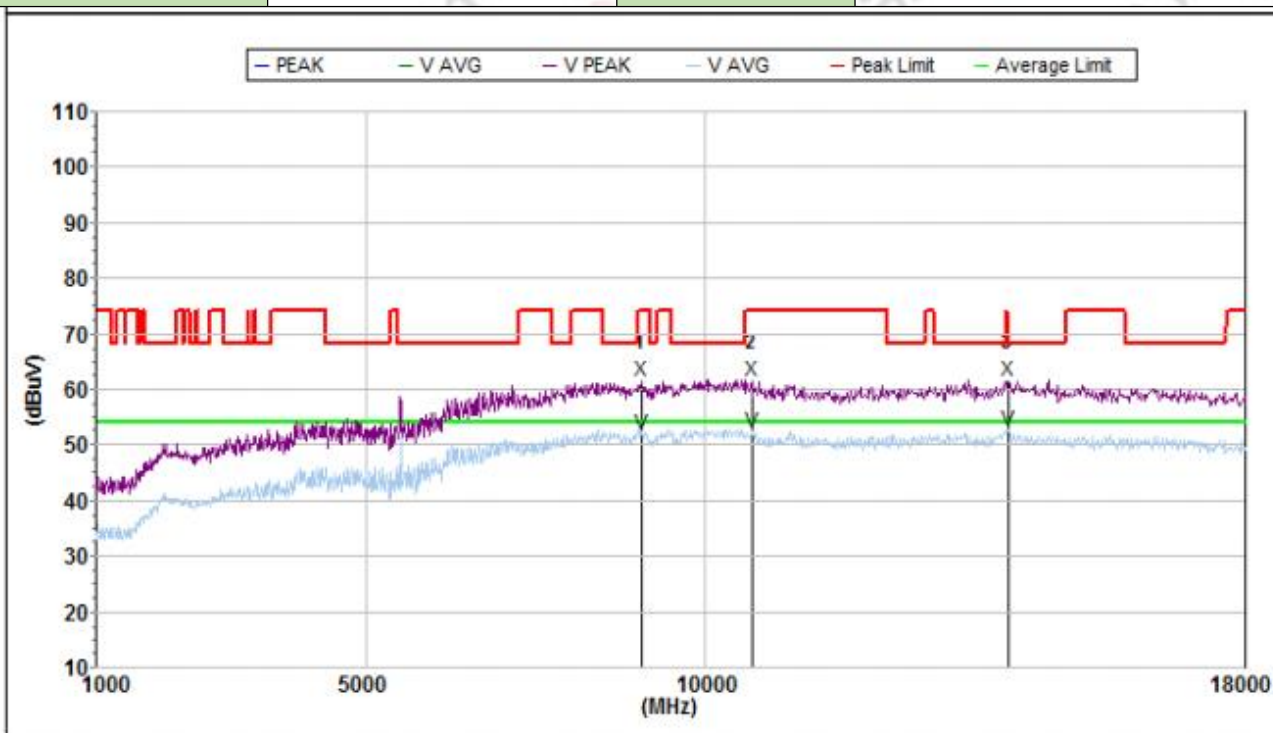
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8684.000	60.0	2.3	62.3	68.2	5.9	V
2	10639.000	59.7	3.0	62.7	74.0	11.3	V
3	14506.500	59.2	2.6	61.8	68.2	6.4	V
Avg							
1	8684.000	50.2	2.3	52.5	54.0	1.5	V
2	10639.000	50.1	3.0	53.1	54.0	0.9	V
3	14506.500	50.3	2.6	52.9	54.0	1.1	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 100



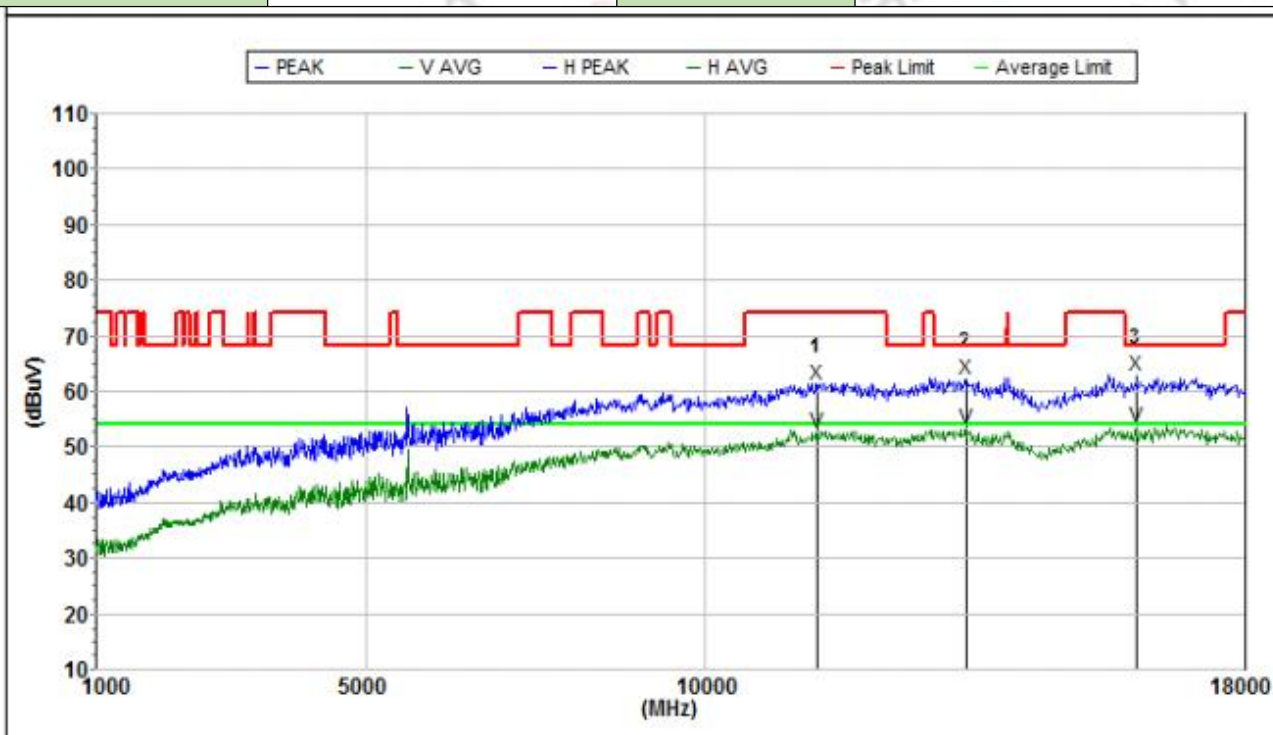
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11591.000	59.2	2.5	61.7	74.0	12.3	H
2	13597.000	59.5	3.0	62.5	68.2	5.7	H
3	16062.000	60.1	3.6	63.7	74.0	10.3	H
Avg							
1	11591.000	49.7	2.5	52.2	54.0	1.8	H
2	13597.000	50.4	3.0	53.4	54.0	0.6	H
3	16062.000	49.7	3.6	53.3	54.0	0.7	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 100



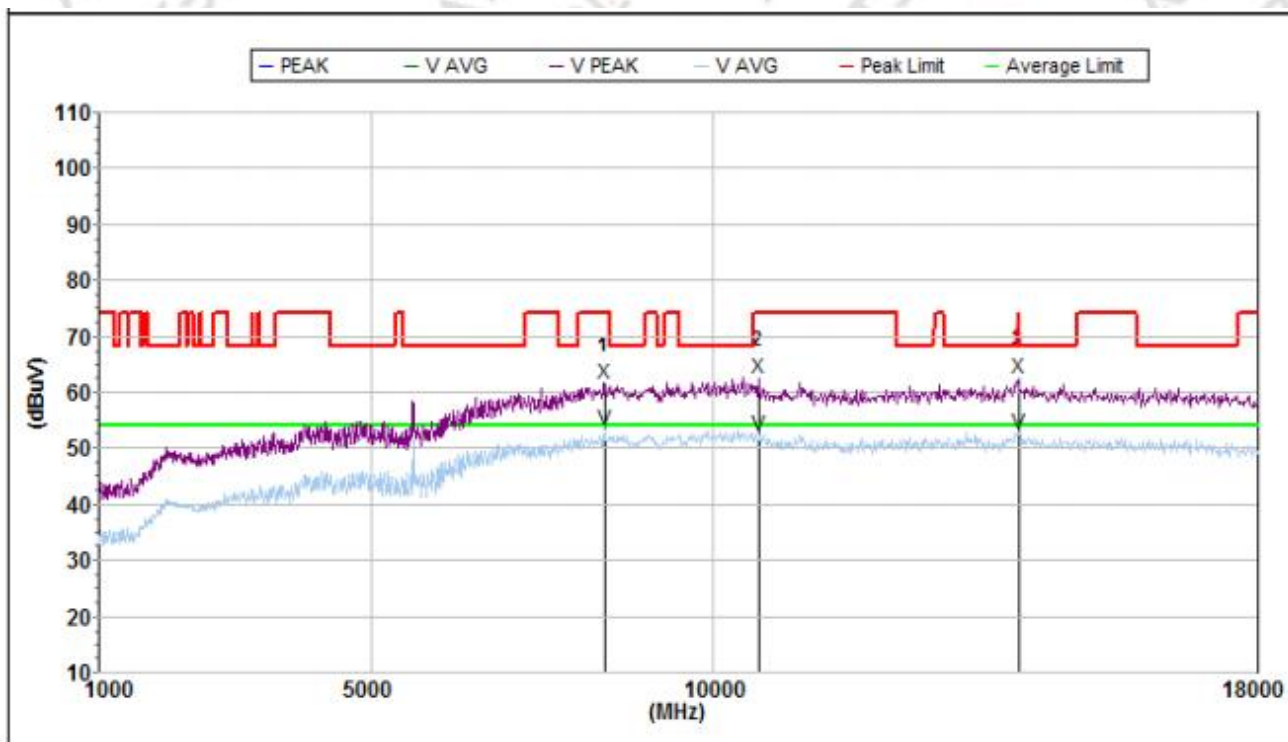
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9075.000	59.5	2.0	61.5	74.0	12.5	V
2	10698.500	58.9	2.8	61.7	74.0	12.3	V
3	14506.500	59.2	2.6	61.8	68.2	6.4	V
Avg							
1	9075.000	50.2	2.0	52.2	54.0	1.8	V
2	10698.500	49.6	2.8	52.4	54.0	1.6	V
3	14506.500	50.0	2.6	52.6	54.0	1.4	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 120



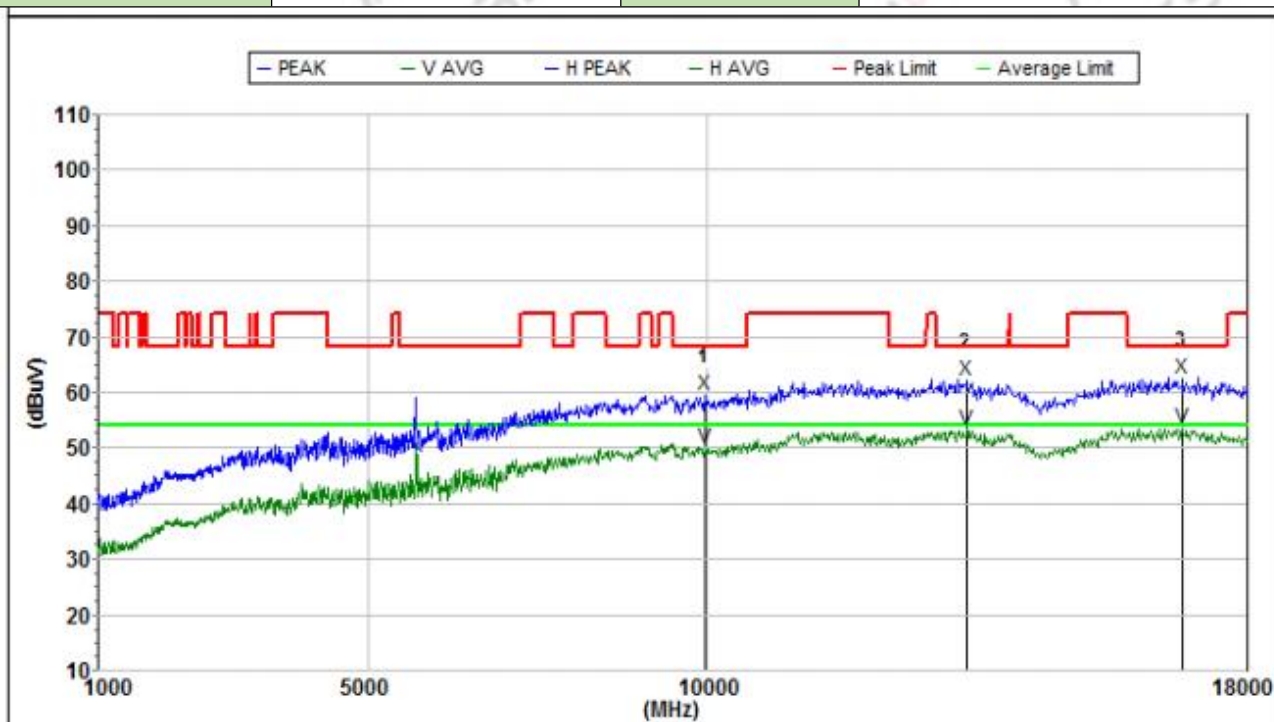
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11667.500	58.8	2.6	61.4	74.0	12.6	H
2	13860.500	59.8	2.5	62.3	68.2	5.9	H
3	16385.000	59.2	3.6	62.8	68.2	5.4	H
Avg							
1	11667.500	50.0	2.6	52.6	54.0	1.4	H
2	13860.500	50.9	2.5	53.4	54.0	0.6	H
3	16385.000	50.1	3.6	53.7	54.0	0.3	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 120



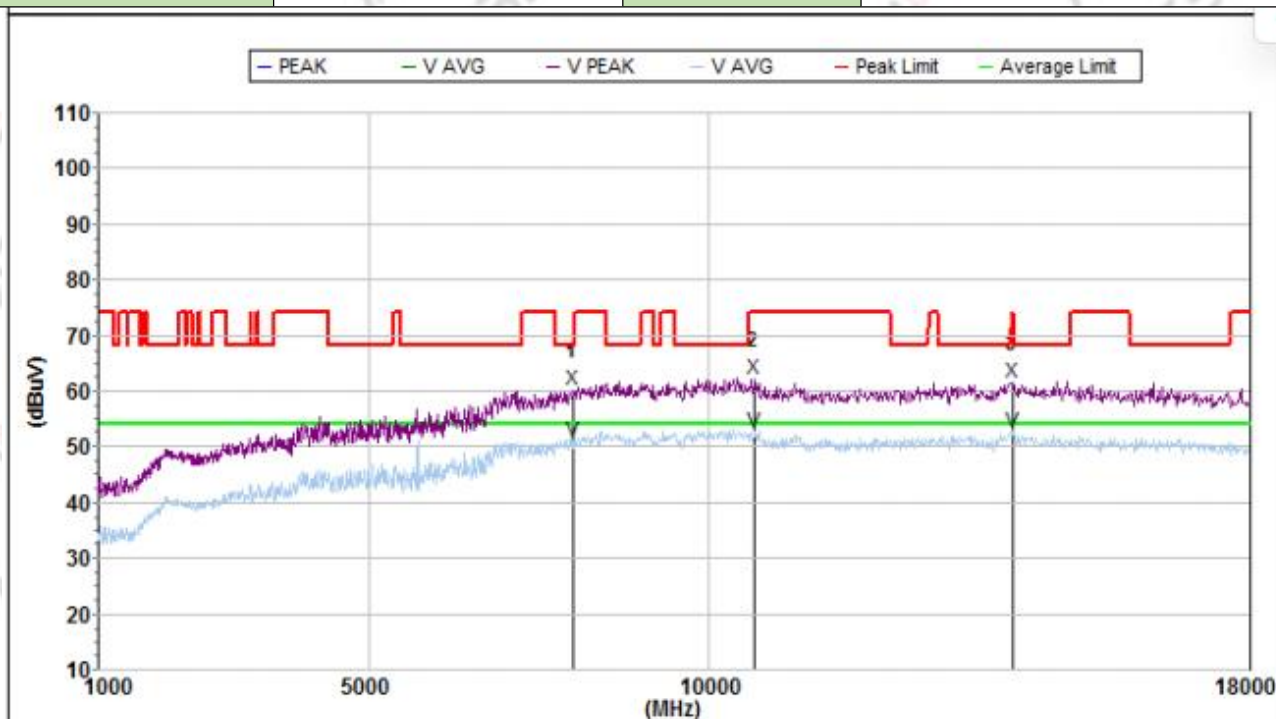
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8412.000	59.2	2.4	61.6	74.0	12.4	V
2	10690.000	59.7	2.8	62.5	74.0	11.5	V
3	14506.500	60.1	2.6	62.7	68.2	5.5	V
Avg							
1	8412.000	50.9	2.4	53.3	54.0	0.7	V
2	10690.000	49.6	2.8	52.4	54.0	1.6	V
3	14506.500	50.1	2.6	52.7	54.0	1.3	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 140



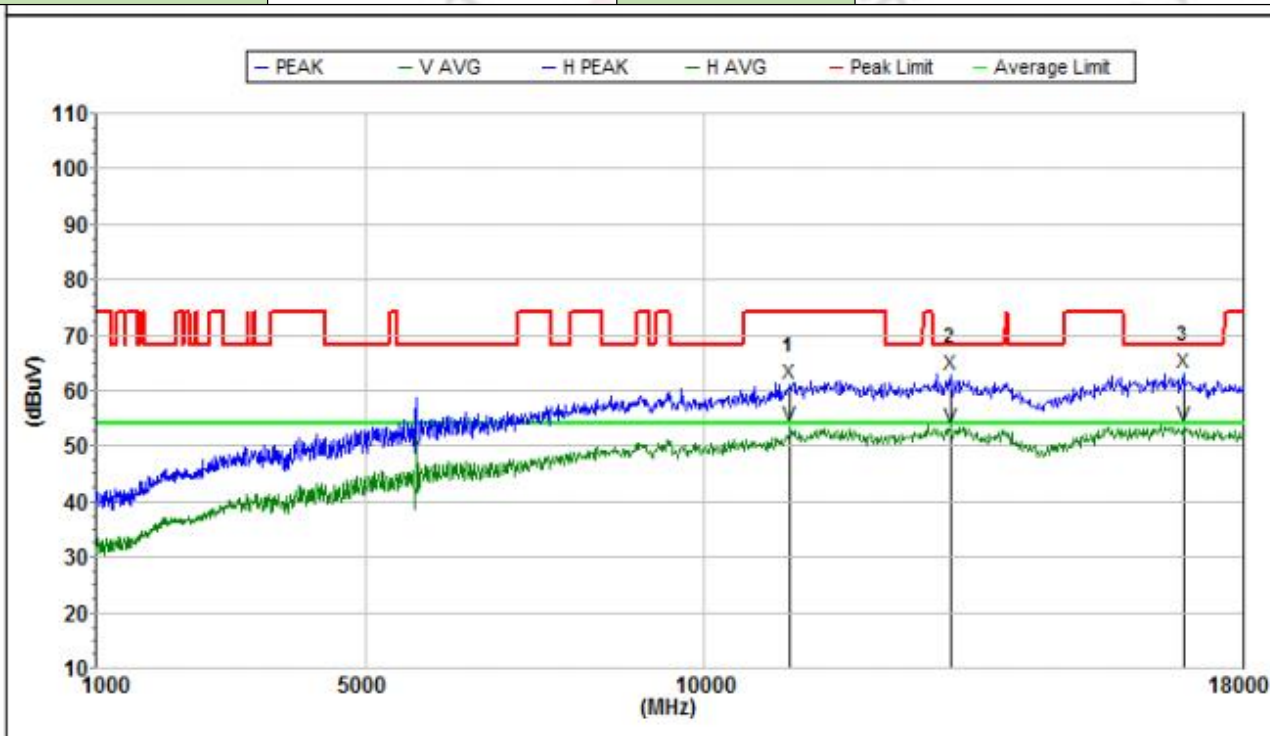
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	9984.500	59.4	0.2	59.6	68.2	8.6	H
2	13843.500	59.8	2.5	62.3	68.2	5.9	H
3	17031.000	58.7	3.9	62.6	68.2	5.6	H
Avg							
1	9984.500	50.0	0.2	50.2	54.0	3.8	H
2	13843.500	50.8	2.5	53.3	54.0	0.7	H
3	17031.000	49.8	3.9	53.7	54.0	0.3	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 149



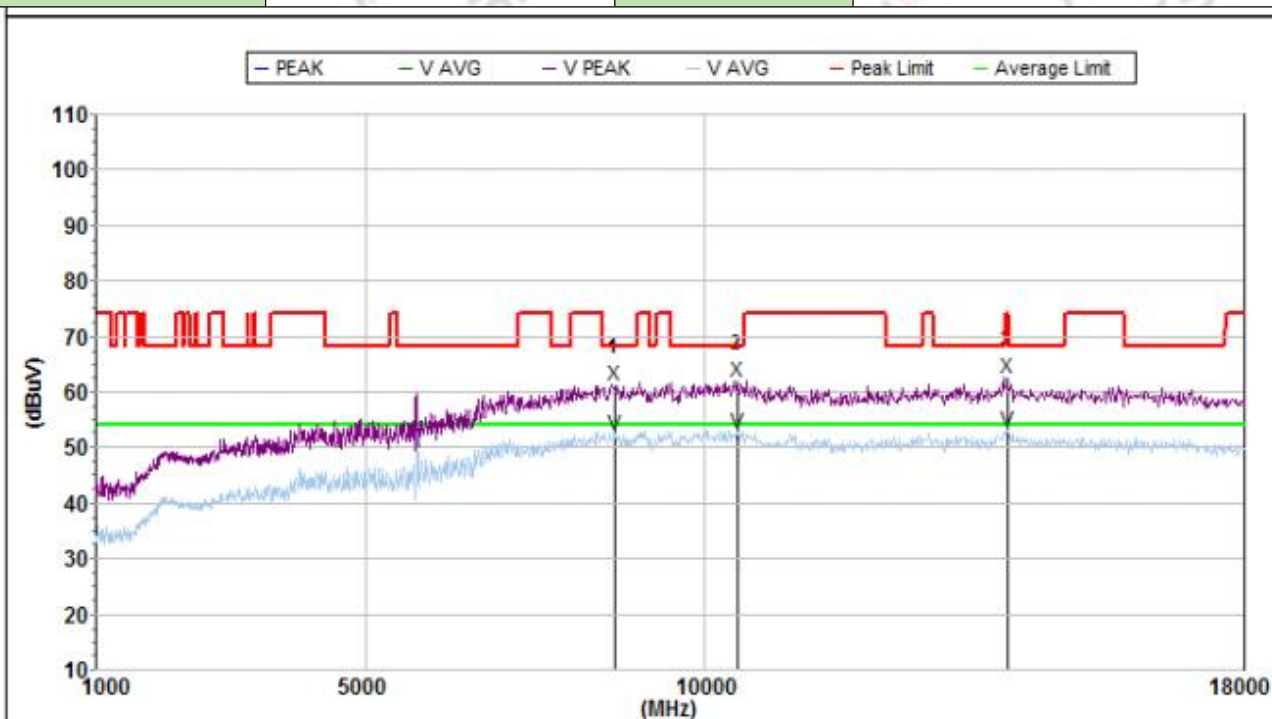
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8012.500	58.0	2.2	60.2	68.2	8.0	V
2	10690.000	59.5	2.8	62.3	74.0	11.7	V
3	14498.000	59.1	2.6	61.7	74.0	12.3	V
Avg							
1	8012.500	49.0	2.2	51.2	54.0	2.8	V
2	10690.000	50.1	2.8	52.9	54.0	1.1	V
3	14498.000	50.0	2.6	52.6	54.0	1.4	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 149



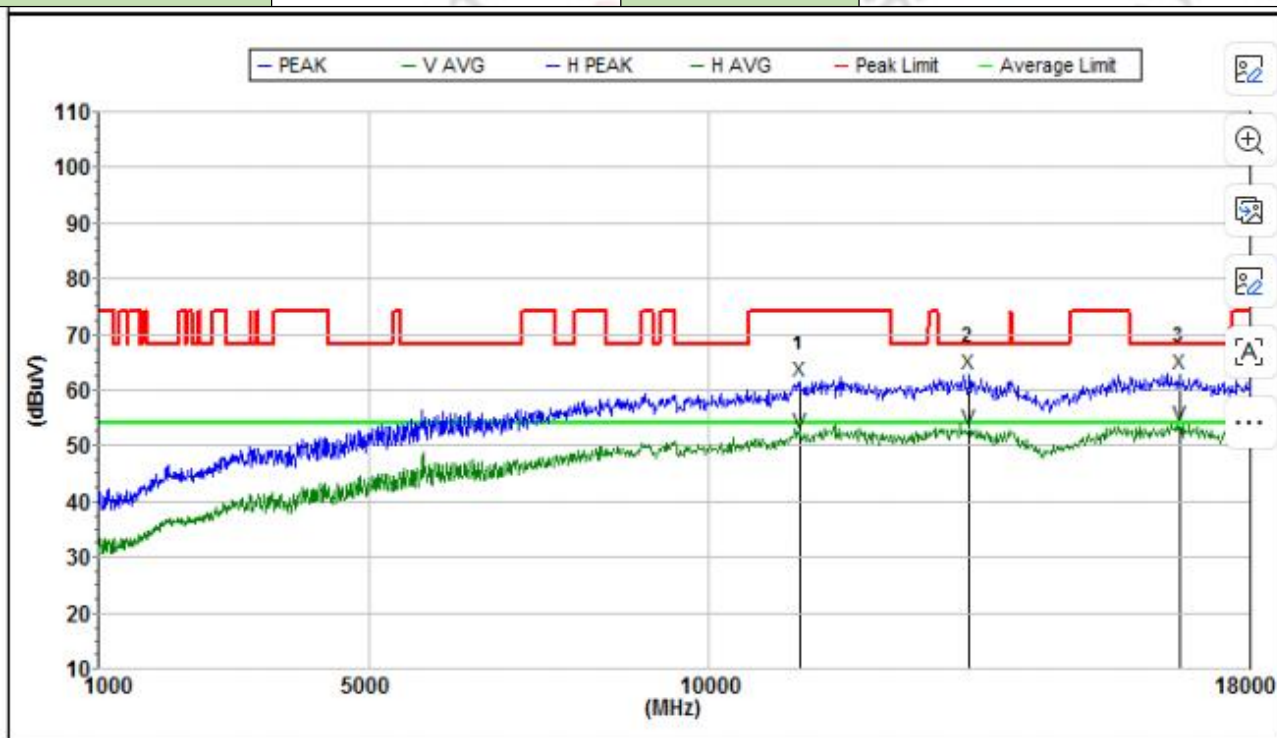
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11276.500	59.3	2.1	61.4	74.0	12.6	H
2	13656.500	60.2	2.9	63.1	68.2	5.1	H
3	17107.500	59.6	3.8	63.4	68.2	4.8	H
Avg							
1	11276.500	51.6	2.1	53.7	54.0	0.3	H
2	13656.500	50.4	2.9	53.3	54.0	0.7	H
3	17107.500	49.8	3.8	53.6	54.0	0.4	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 149



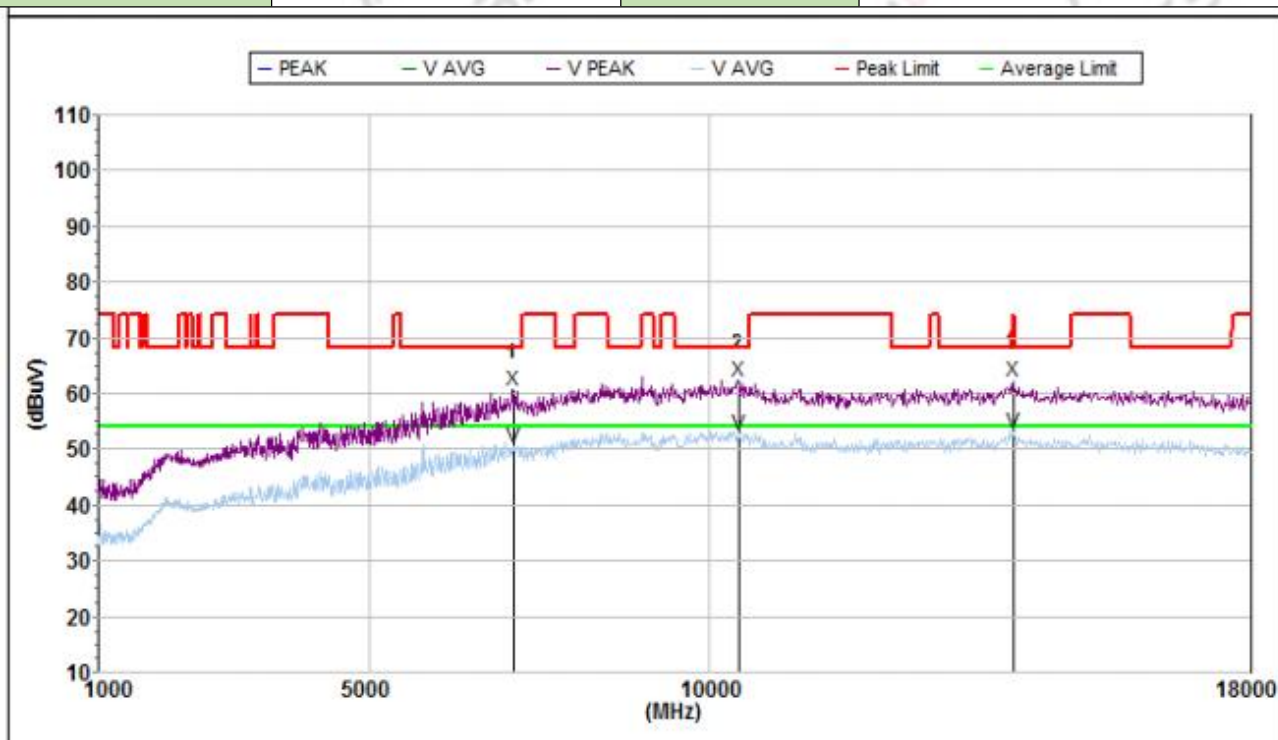
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8675.500	59.1	2.3	61.4	68.2	6.8	V
2	10494.500	58.7	3.4	62.1	68.2	6.1	V
3	14498.000	60.0	2.6	62.6	74.0	11.4	V
Avg							
1	8675.500	50.2	2.3	52.5	54.0	1.5	V
2	10494.500	49.5	3.4	52.9	54.0	1.1	V
3	14498.000	50.4	2.6	53.0	54.0	1.0	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 157



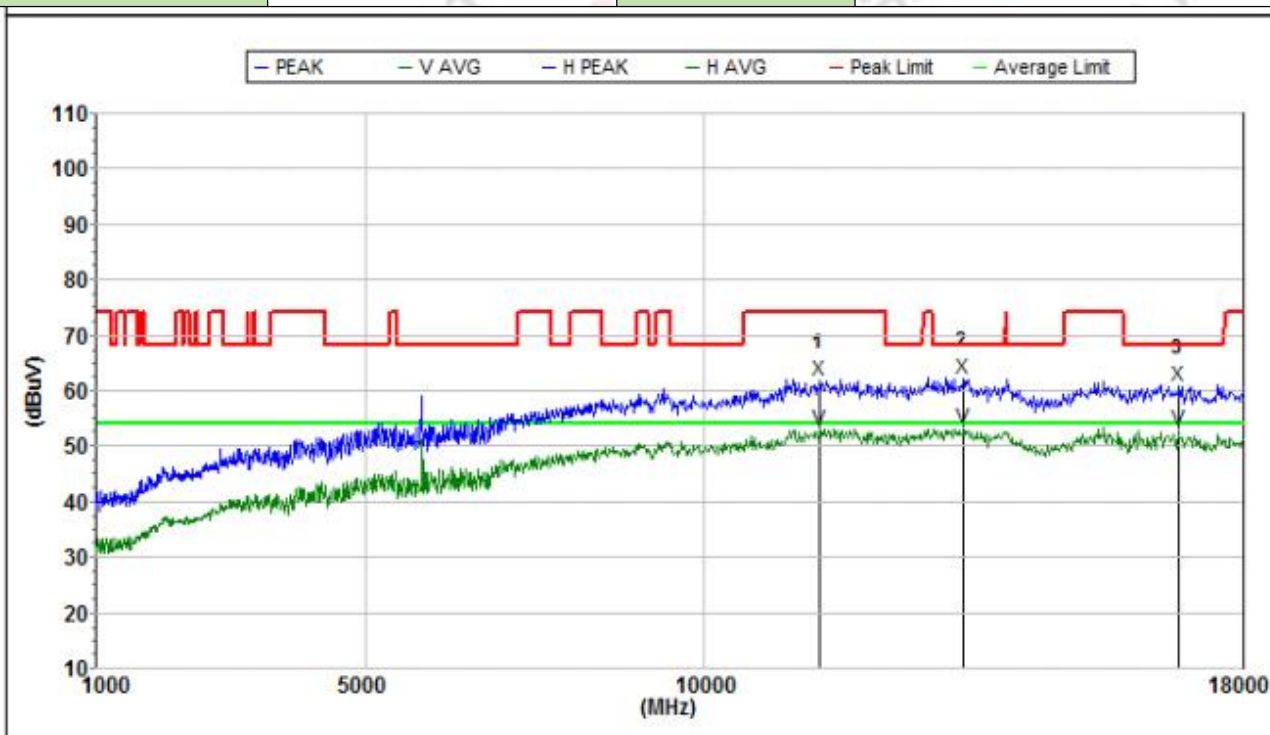
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11344.500	59.3	2.2	61.5	74.0	12.5	H
2	13852.000	60.3	2.5	62.8	68.2	5.4	H
3	16971.500	58.8	4.0	62.8	68.2	5.4	H
Avg							
1	11344.500	50.3	2.2	52.5	54.0	1.5	H
2	13852.000	50.7	2.5	53.2	54.0	0.8	H
3	16971.500	49.8	4.0	53.8	54.0	0.2	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 157



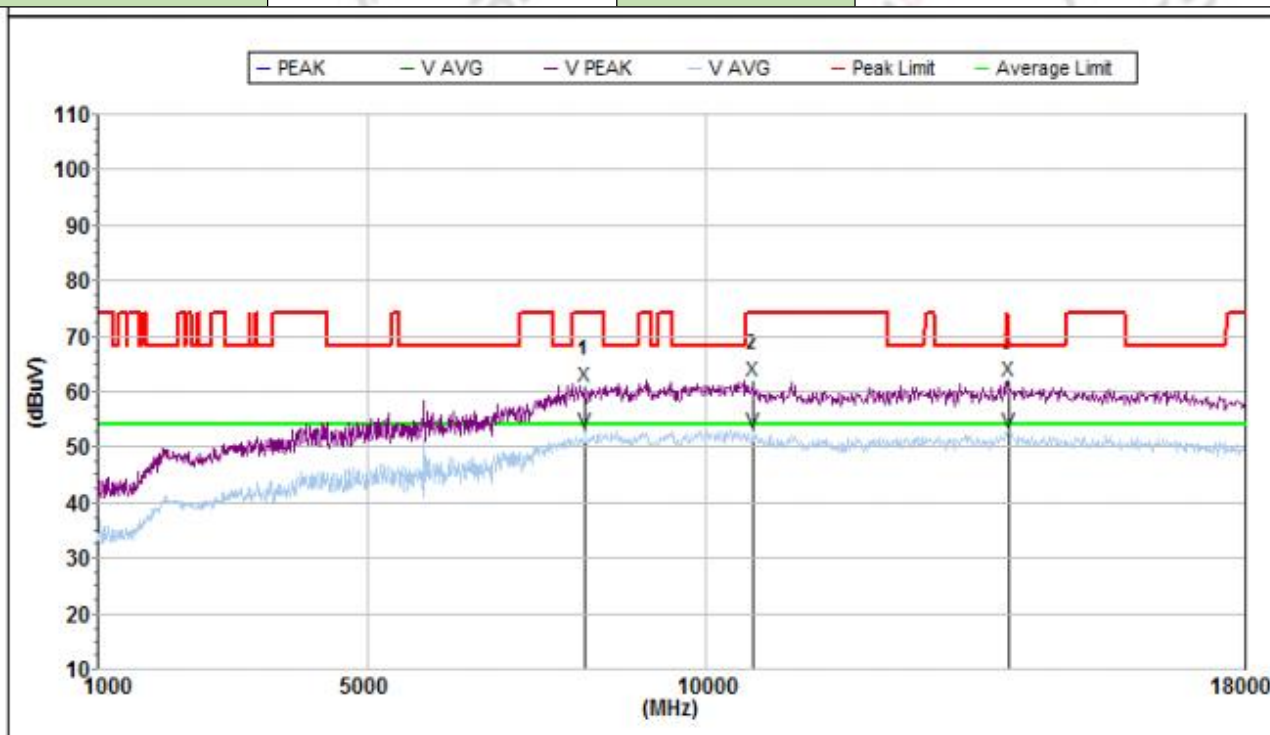
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	7120.000	59.8	0.7	60.5	68.2	7.7	V
2	10435.000	59.0	3.3	62.3	68.2	5.9	V
3	14498.000	59.6	2.6	62.2	74.0	11.8	V
Avg							
1	7120.000	49.9	0.7	50.6	54.0	3.4	V
2	10435.000	49.6	3.3	52.9	54.0	1.1	V
3	14498.000	50.4	2.6	53.0	54.0	1.0	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11a-TX Channel 165



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	11727.000	59.4	2.7	62.1	74.0	11.9	H
2	13852.000	59.8	2.5	62.3	68.2	5.9	H
3	17031.000	57.1	3.9	61.0	68.2	7.2	H
Avg							
1	11727.000	50.5	2.7	53.2	54.0	0.8	H
2	13852.000	51.0	2.5	53.5	54.0	0.5	H
3	17031.000	49.1	3.9	53.0	54.0	1.0	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11a-TX Channel 165



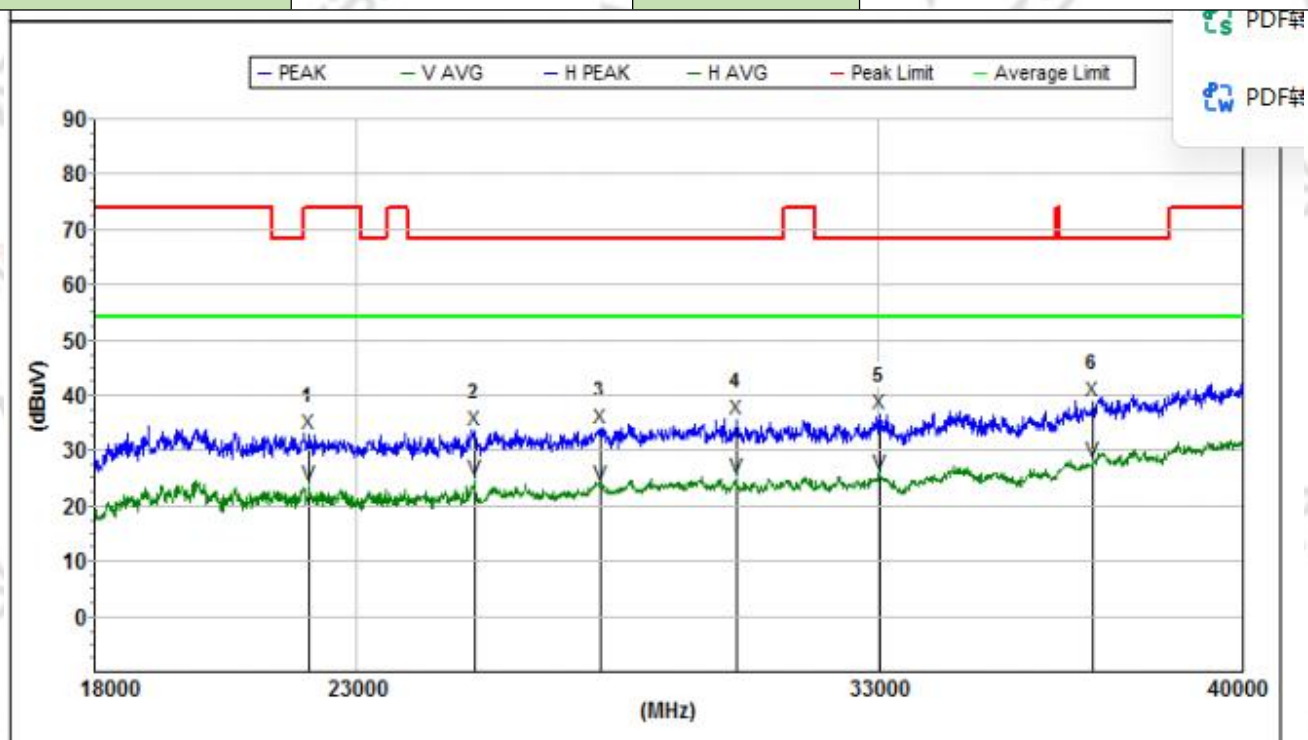
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	8216.500	58.7	2.3	61.0	74.0	13.0	V
2	10707.000	59.2	2.8	62.0	74.0	12.0	V
3	14506.500	59.3	2.6	61.9	68.2	6.3	V
Avg							
1	8216.500	50.3	2.3	52.6	54.0	1.4	V
2	10707.000	49.8	2.8	52.6	54.0	1.4	V
3	14506.500	50.3	2.6	52.9	54.0	1.1	V

18GHz~40GHz

Note:

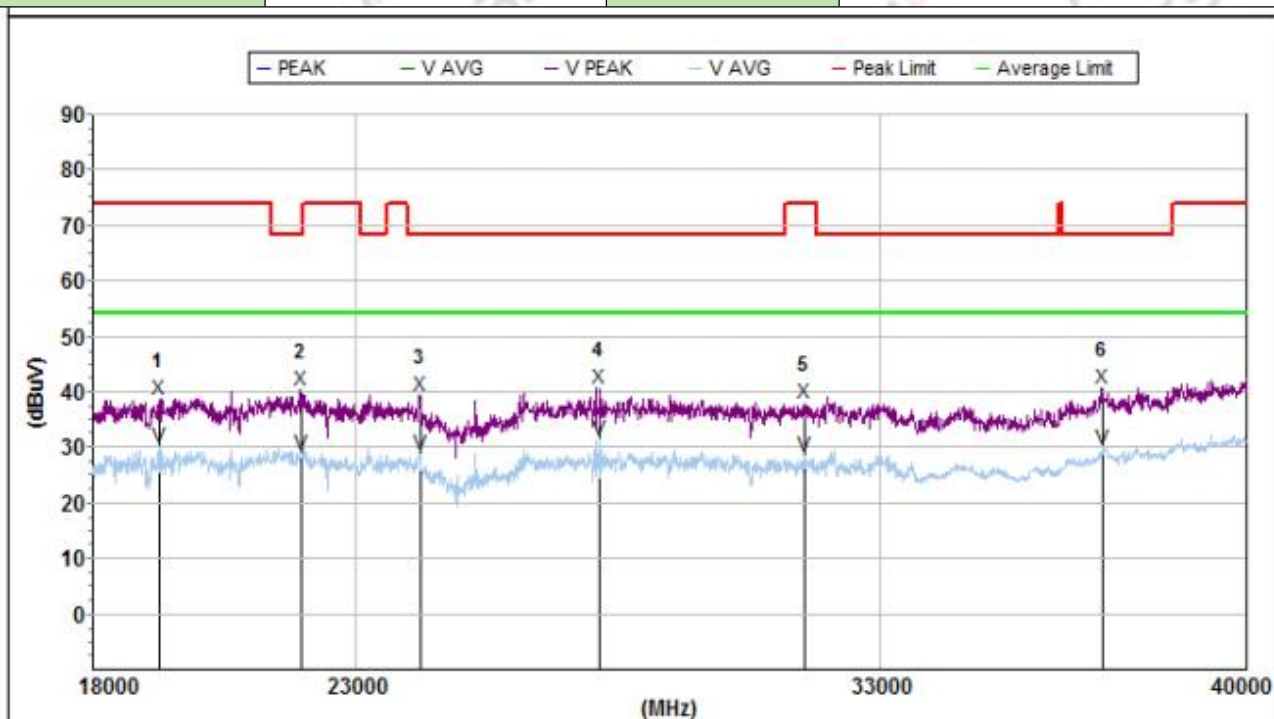
- 1.All modes have been tested, only worst (802.11ac20-TX Channel 48)mode was recorded in the test report.
- 2.While performing the testing, the notch filter is used for avoiding test instrument overload.

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac20-TX Channel 48



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	22114.000	54.8	-21.6	33.2	74.0	40.8	H
2	25293.000	53.2	-19.5	33.7	68.2	34.5	H
3	27680.000	51.3	-17.1	34.2	68.2	34.0	H
4	30298.000	52.8	-17.0	35.8	68.2	32.4	H
5	33037.000	53.4	-16.6	36.8	68.2	31.4	H
6	37140.000	56.0	-16.9	39.1	68.2	29.1	H
Avg							
1	22114.000	45.4	-21.6	23.8	54.0	30.2	H
2	25293.000	44.4	-19.5	24.9	54.0	29.1	H
3	27680.000	41.0	-17.1	23.9	54.0	30.1	H
4	30298.000	42.2	-17.0	25.2	54.0	28.8	H
5	33037.000	42.5	-16.6	25.9	54.0	28.1	H
6	37140.000	45.0	-16.9	28.1	54.0	25.9	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac20-TX Channel 48



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	19287.000	38.8	0.0	38.8	74.0	35.2	V
2	21971.000	40.2	0.0	40.2	68.2	28.0	V
3	24248.000	39.4	0.0	39.4	68.2	28.8	V
4	27658.000	40.7	0.0	40.7	68.2	27.5	V
5	31585.000	38.1	0.0	38.1	74.0	35.9	V
6	37261.000	40.6	0.0	40.6	68.2	27.6	V
Avg							
1	19287.000	30.1	0.0	30.1	54.0	23.9	V
2	21971.000	28.8	0.0	28.8	54.0	25.2	V
3	24248.000	28.8	0.0	28.8	54.0	25.2	V
4	27658.000	31.5	0.0	31.5	54.0	22.5	V
5	31585.000	28.4	0.0	28.4	54.0	25.6	V
6	37261.000	29.7	0.0	29.7	54.0	24.3	V

Restricted Band:

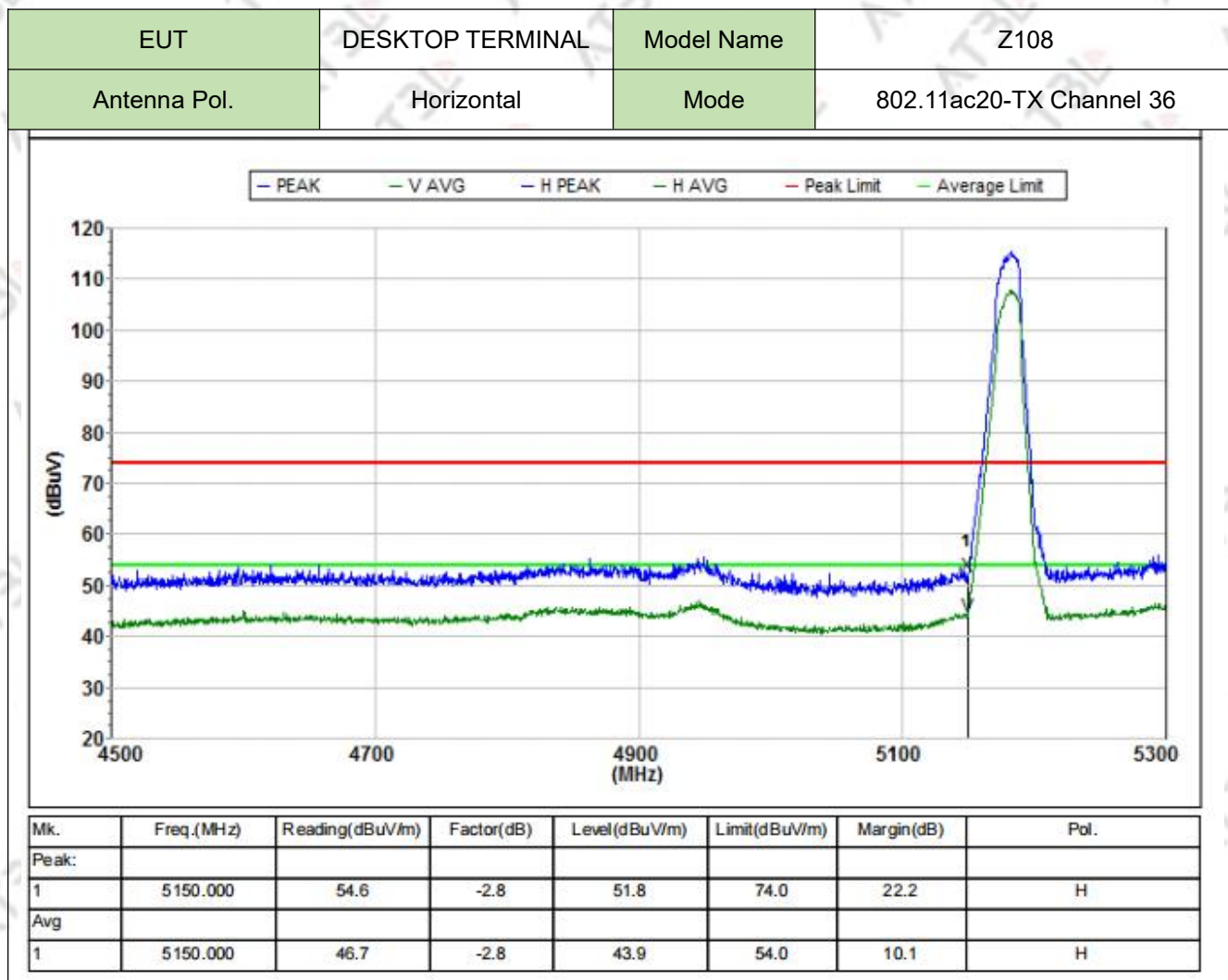
Test Result of Restricted Band

Note:

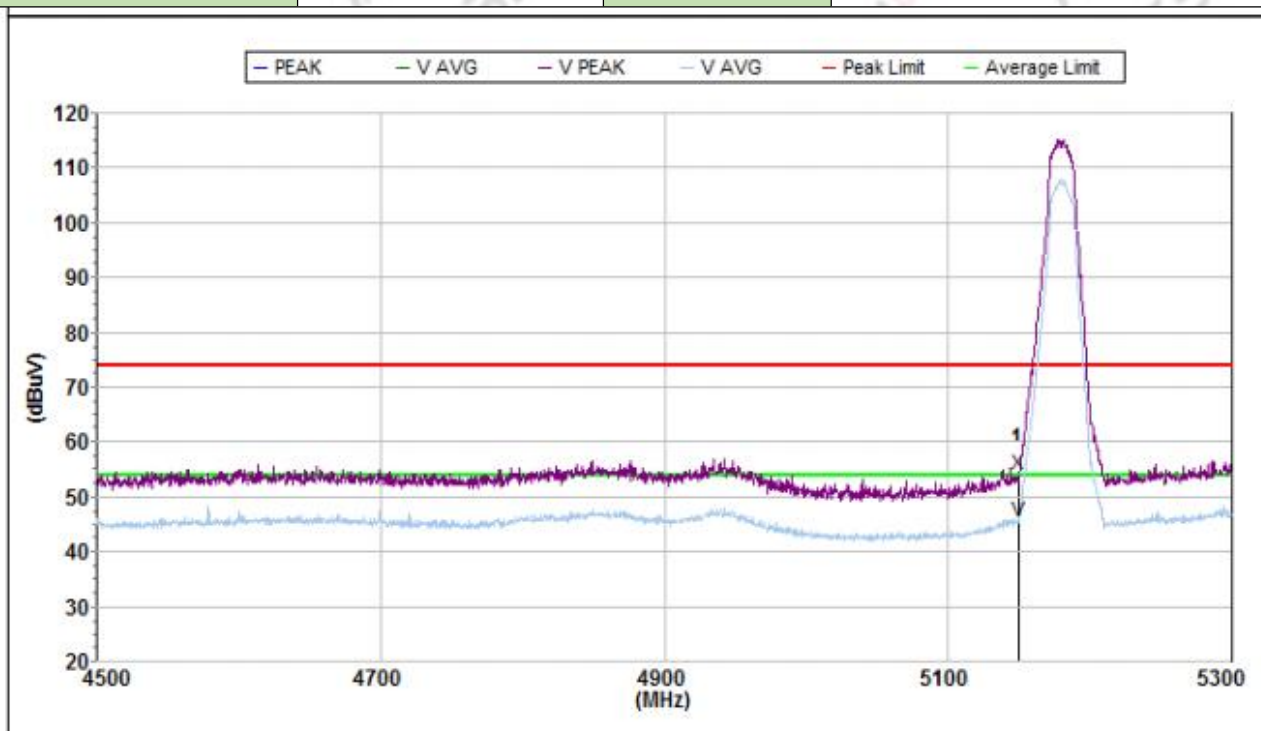
1.Only the worst 802.11ac data is represented in the report.

2.Margin=Level-Limit=Reading+factor-Limit

For 5150MHz~5250MHz:

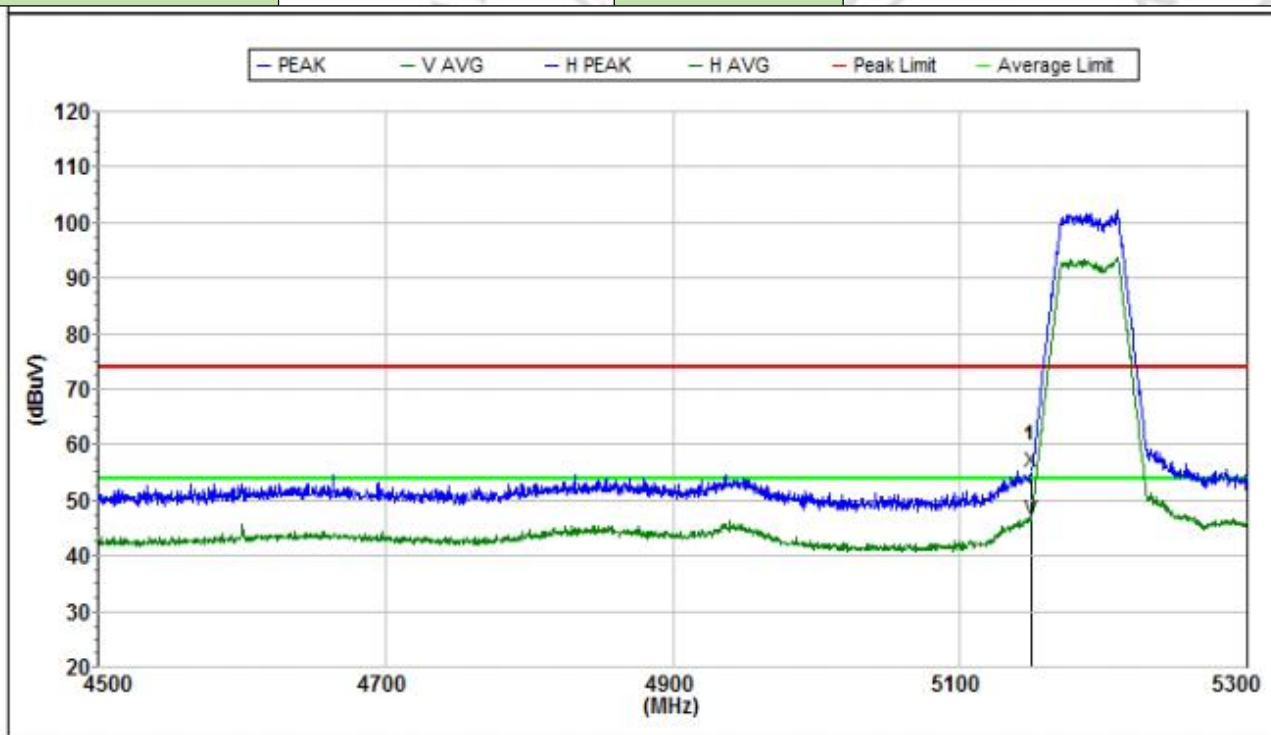


EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac20-TX Channel 36



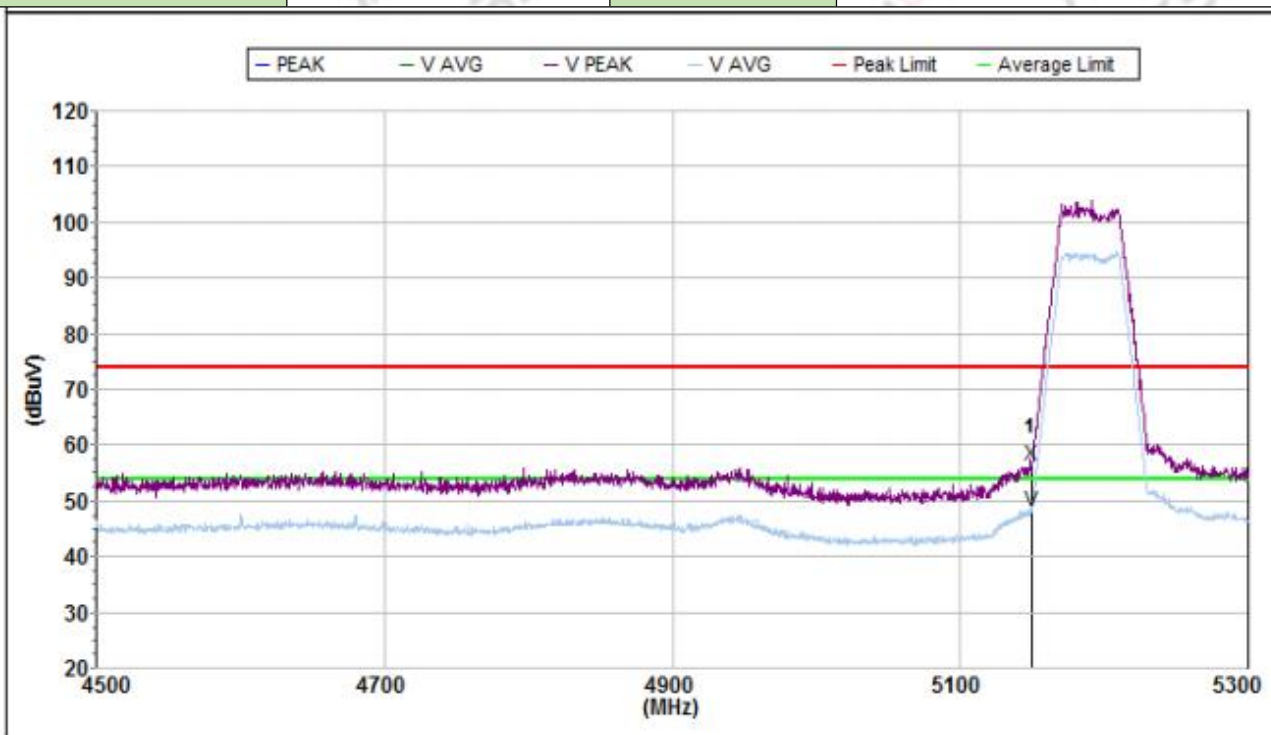
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	55.7	-1.4	54.3	74.0	19.7	V
Avg							
1	5150.000	46.9	-1.4	45.5	54.0	8.5	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac40-TX Channel 38



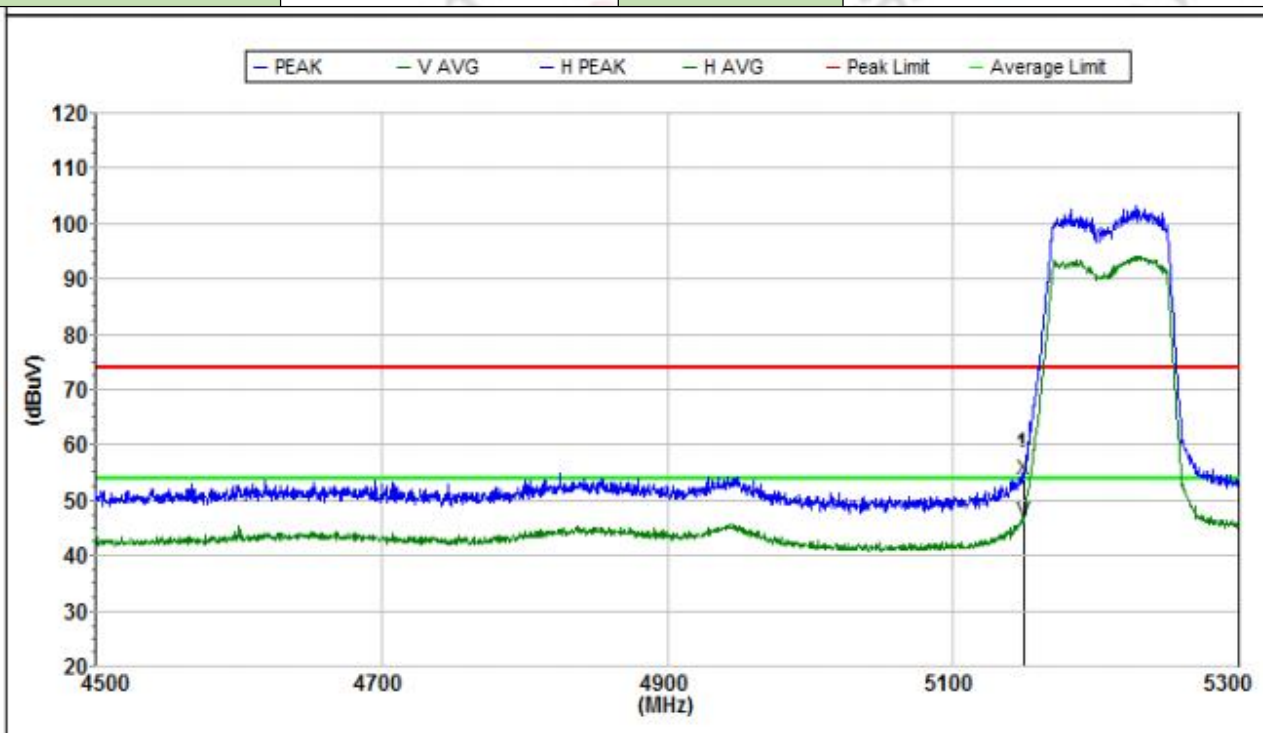
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	55.6	-0.3	55.3	74.0	18.7	H
Avg							
1	5150.000	47.1	-0.3	46.8	54.0	7.2	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac40-TX Channel 38



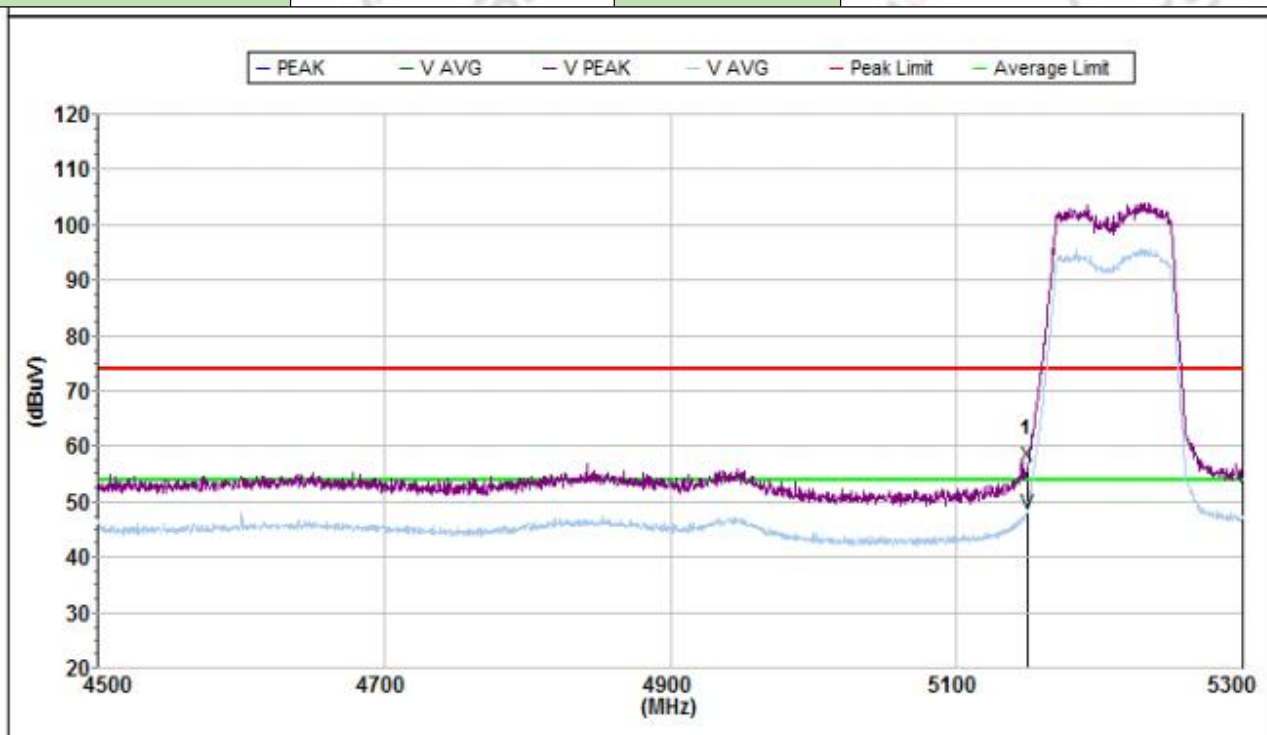
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	55.5	1.1	56.6	74.0	17.4	V
Avg							
1	5150.000	47.1	1.1	48.2	54.0	5.8	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac80-TX Channel 42



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	54.4	-0.4	54.0	74.0	20.0	H
Avg							
1	5150.000	46.7	-0.4	46.3	54.0	7.7	H

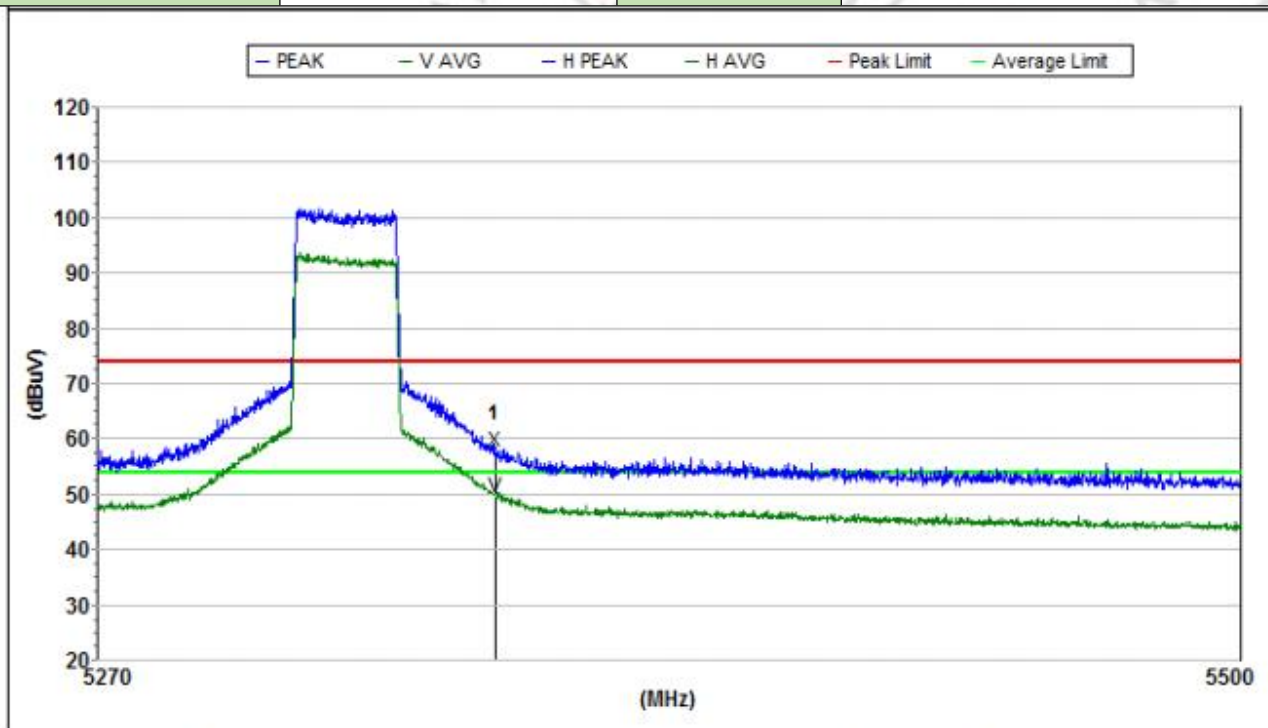
EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac80-TX Channel 42



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5150.000	55.6	1.0	56.6	74.0	17.4	V
Avg							
1	5150.000	46.9	1.0	47.9	54.0	6.1	V

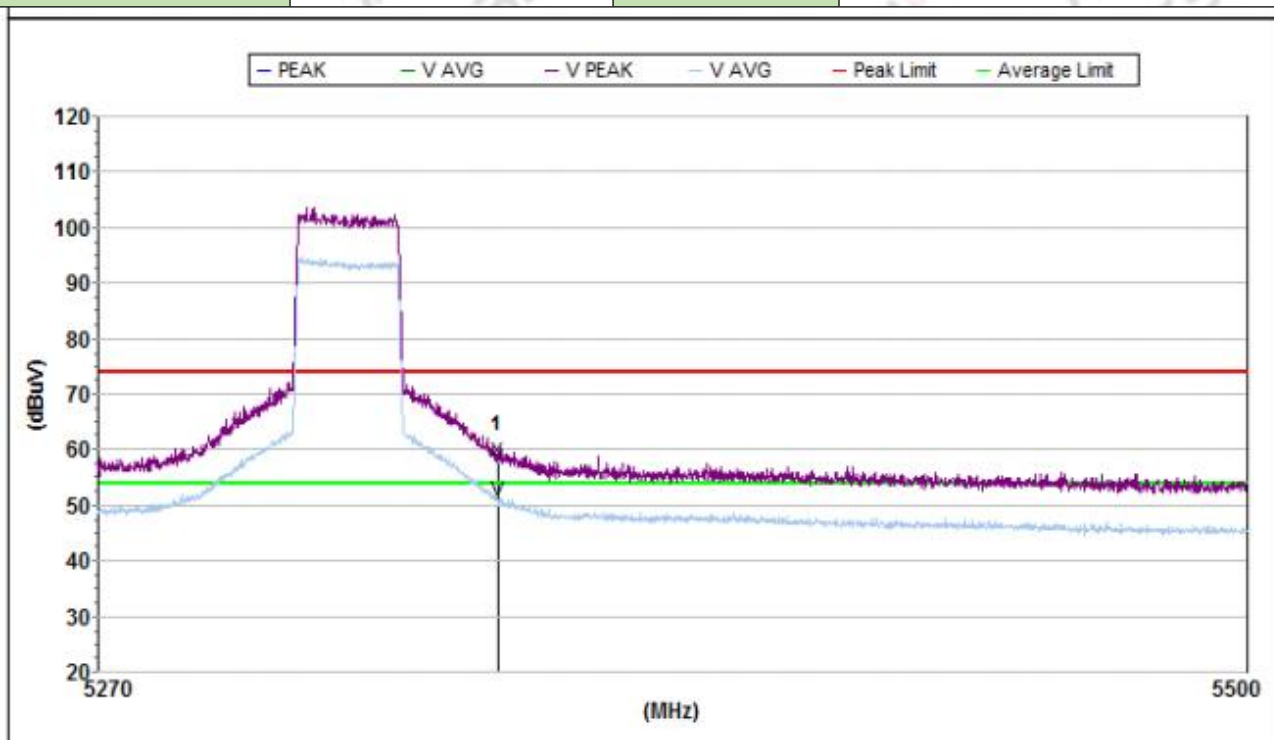
For 5260MHz~5350MHz:

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac20-TX Channel 64



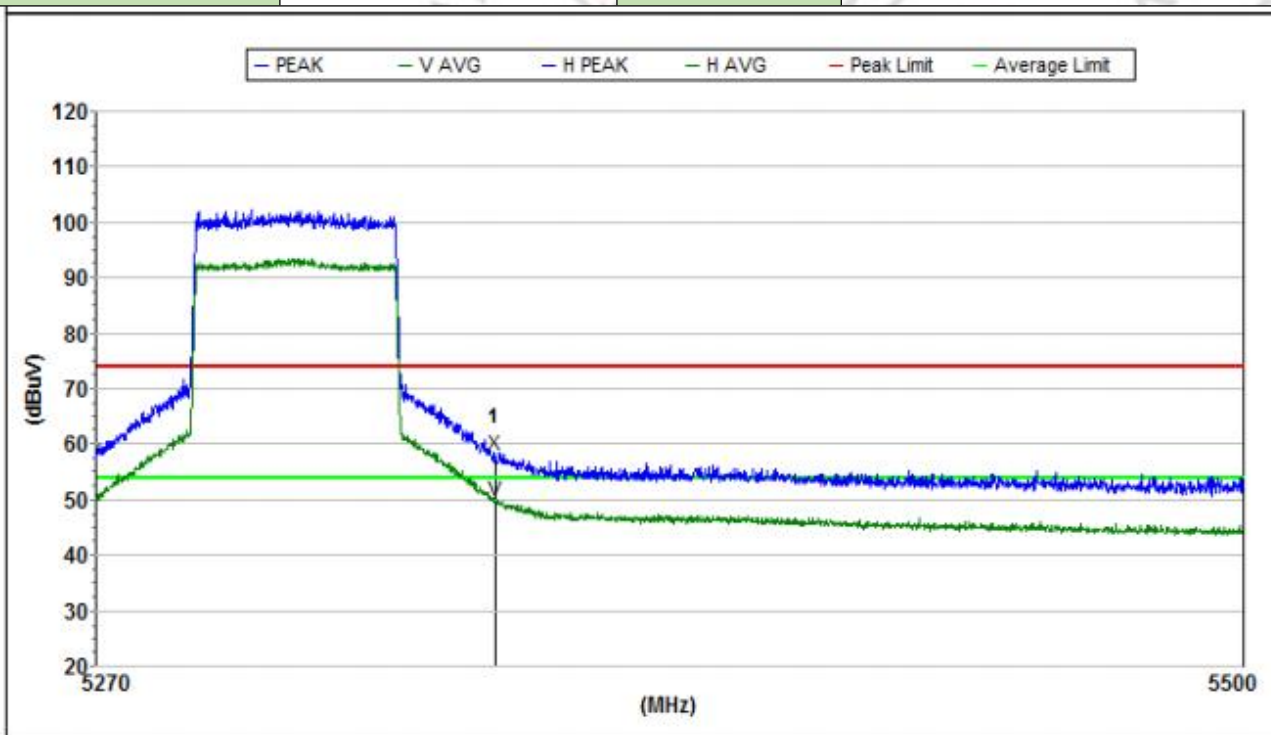
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	56.8	0.9	57.7	74.0	16.3	H
Avg							
1	5350.000	48.6	0.9	49.5	54.0	4.5	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac20-TX Channel 64



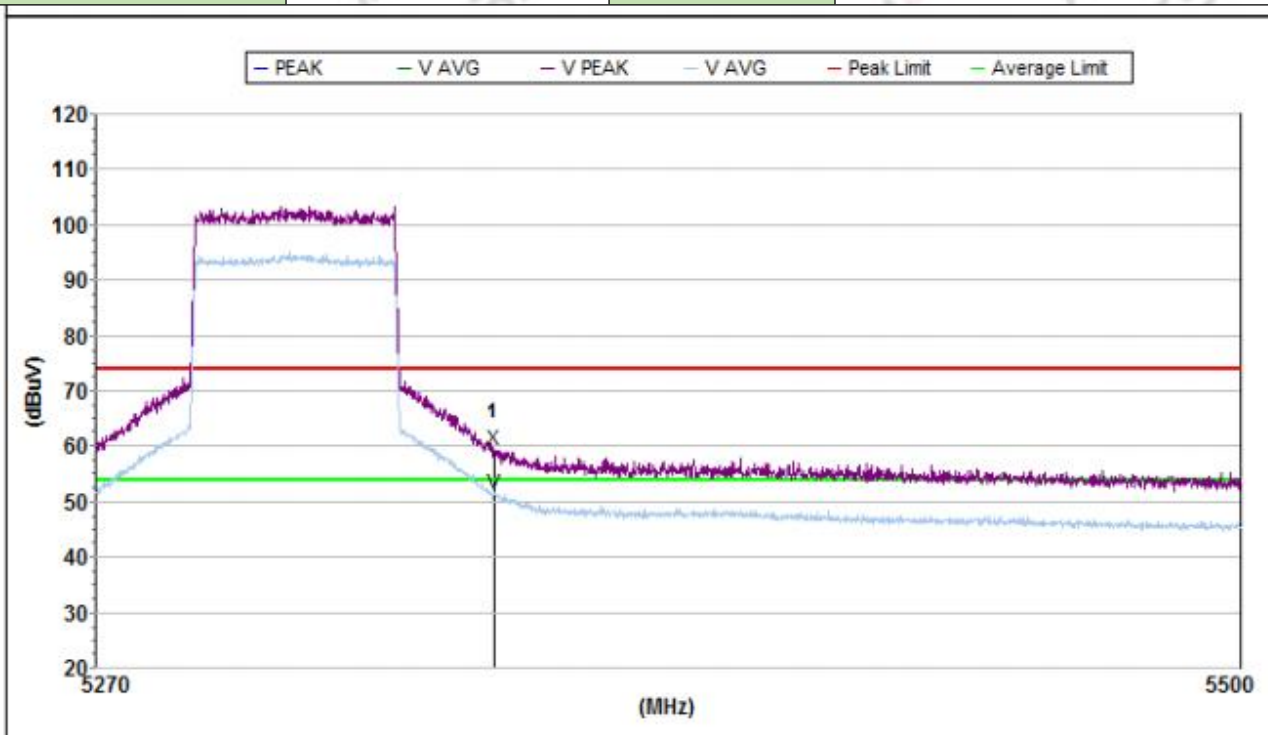
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	55.6	2.3	57.9	74.0	16.1	V
Avg							
1	5350.000	48.7	2.3	51.0	54.0	3.0	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac40-TX Channel 62



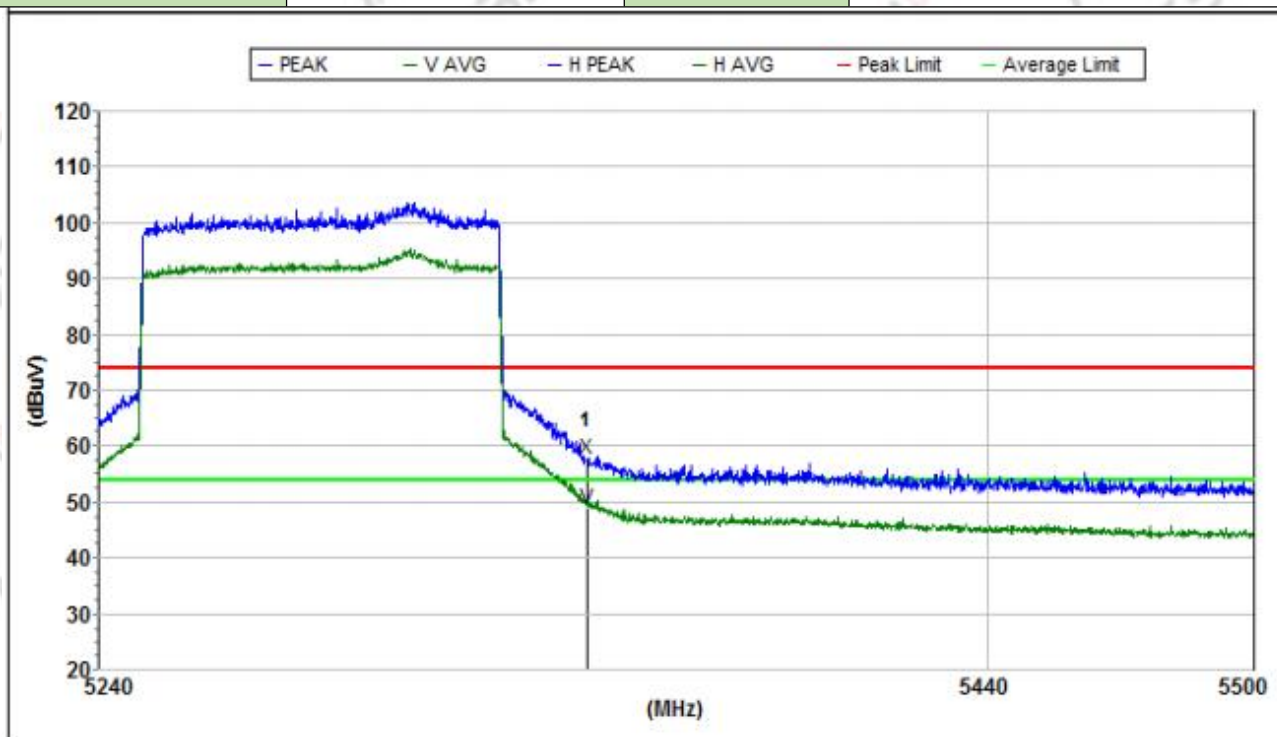
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	57.2	0.9	58.1	74.0	15.9	H
Avg							
1	5350.000	49.0	0.9	49.9	54.0	4.1	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac40-TX Channel 62



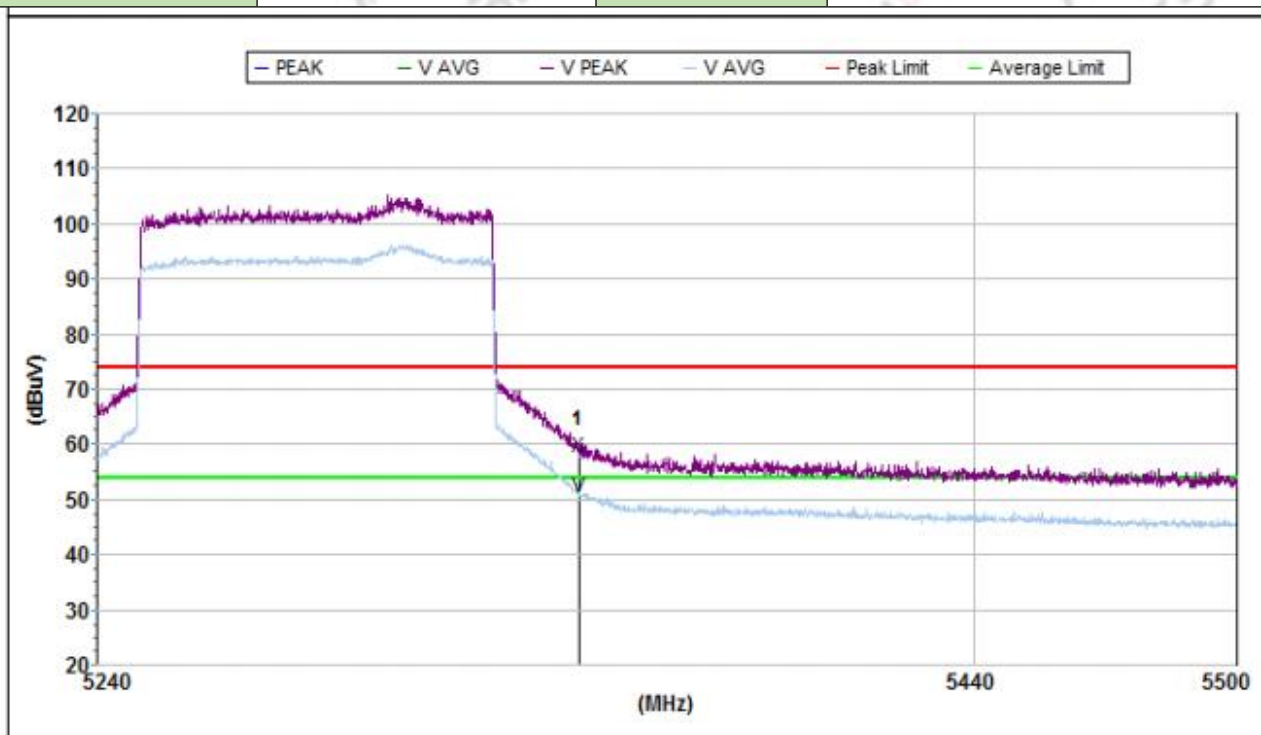
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	57.2	2.3	59.5	74.0	14.5	V
Avg							
1	5350.000	49.2	2.3	51.5	54.0	2.5	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac80-TX Channel 58



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	57.0	0.9	57.9	74.0	16.1	H
Avg							
1	5350.000	48.2	0.9	49.1	54.0	4.9	H

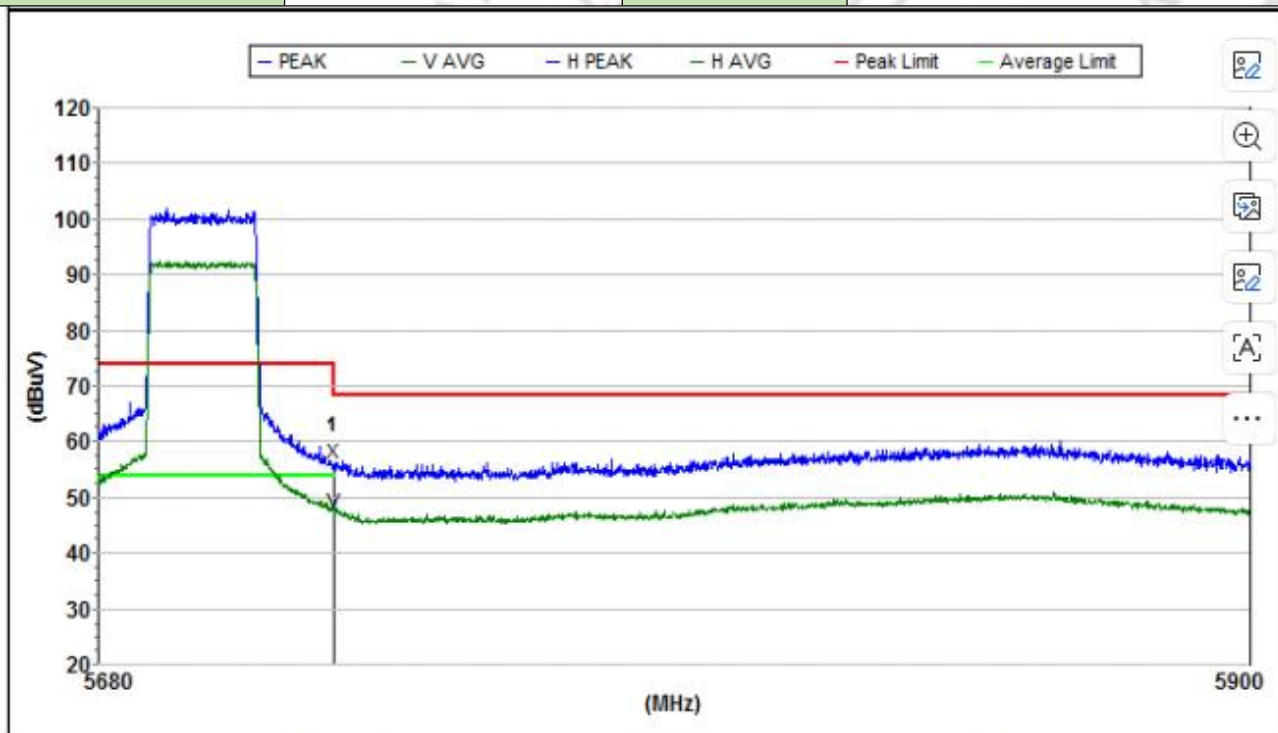
EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11acc80-TX Channel 58



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5350.000	55.6	2.3	57.9	74.0	16.1	V
Avg							
1	5350.000	48.4	2.3	50.7	54.0	3.3	V

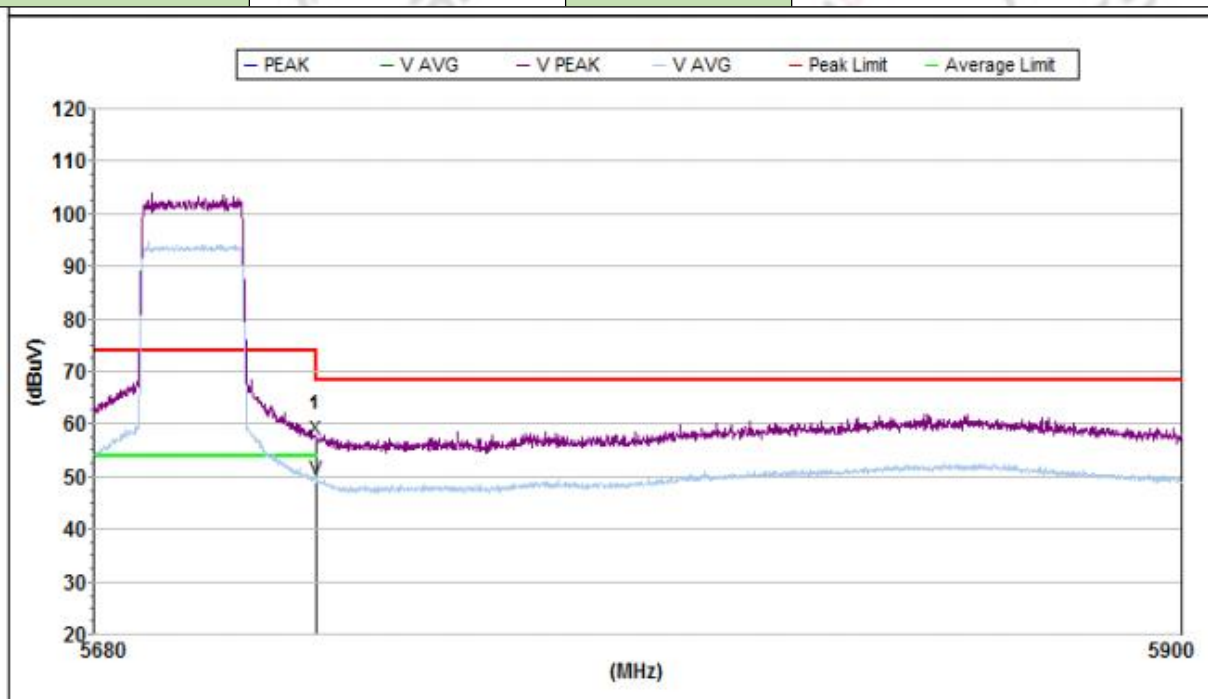
U-NII-2C(5470-5725MHz)

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac20-TX Channel 140



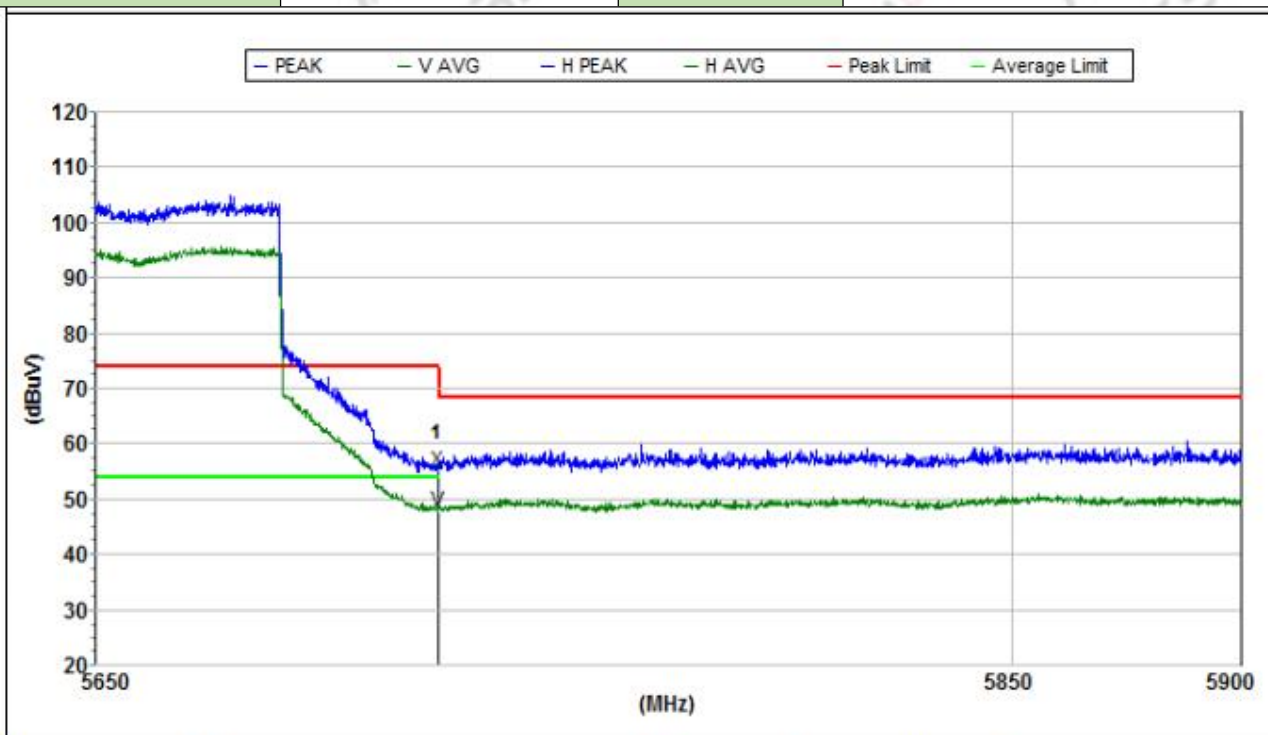
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	55.0	1.2	56.2	74.0	17.8	H
Avg							
1	5725.000	46.2	1.2	47.4	54.0	6.6	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac20-TX Channel 140



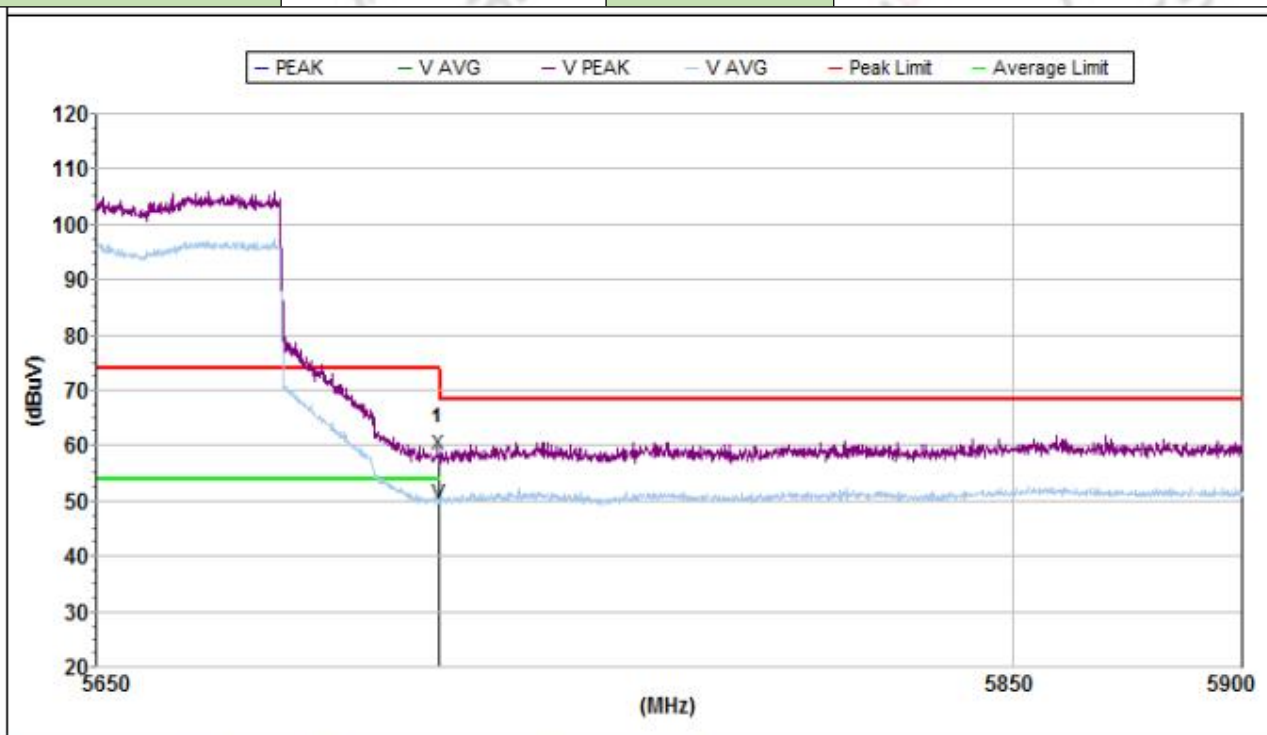
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	54.3	2.9	57.2	74.0	16.8	V
Avg							
1	5725.000	46.8	2.9	49.7	54.0	4.3	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac40-TX Channel 134



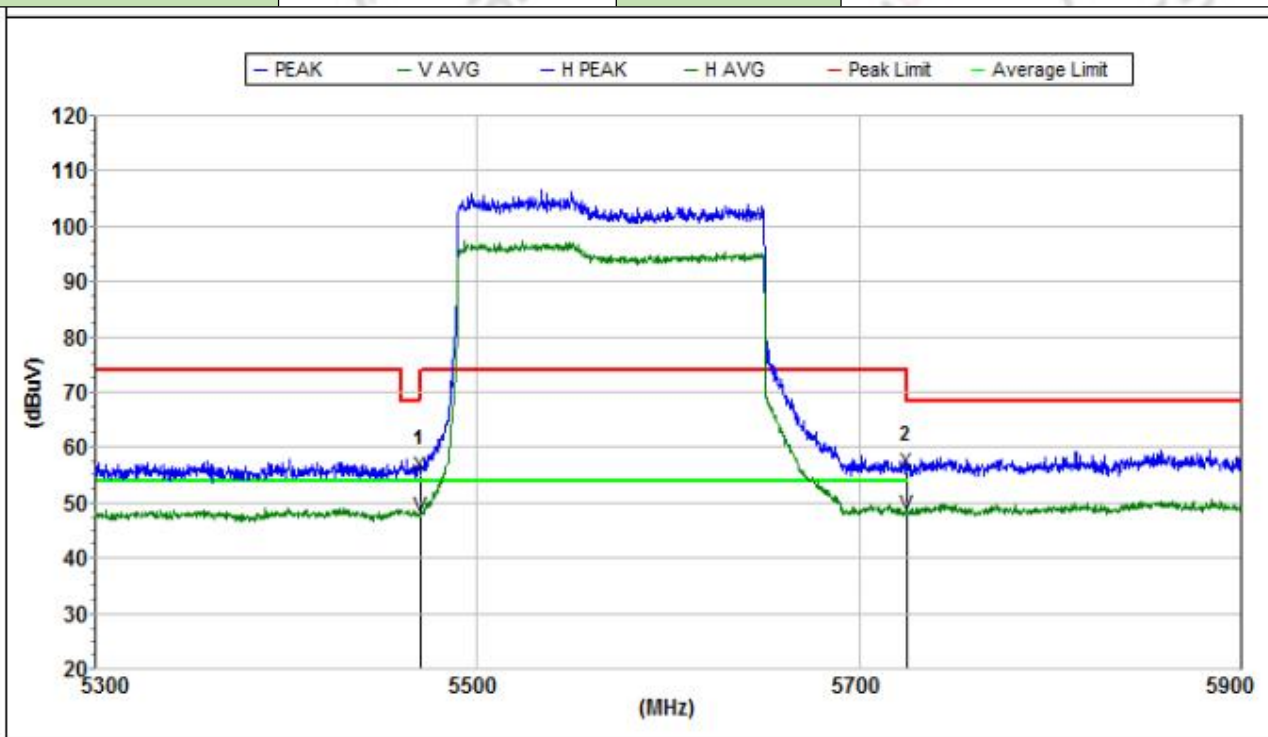
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	55.9	-0.8	55.1	74.0	18.9	H
Avg							
1	5725.000	48.8	-0.8	48.0	54.0	6.0	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac40-TX Channel 134



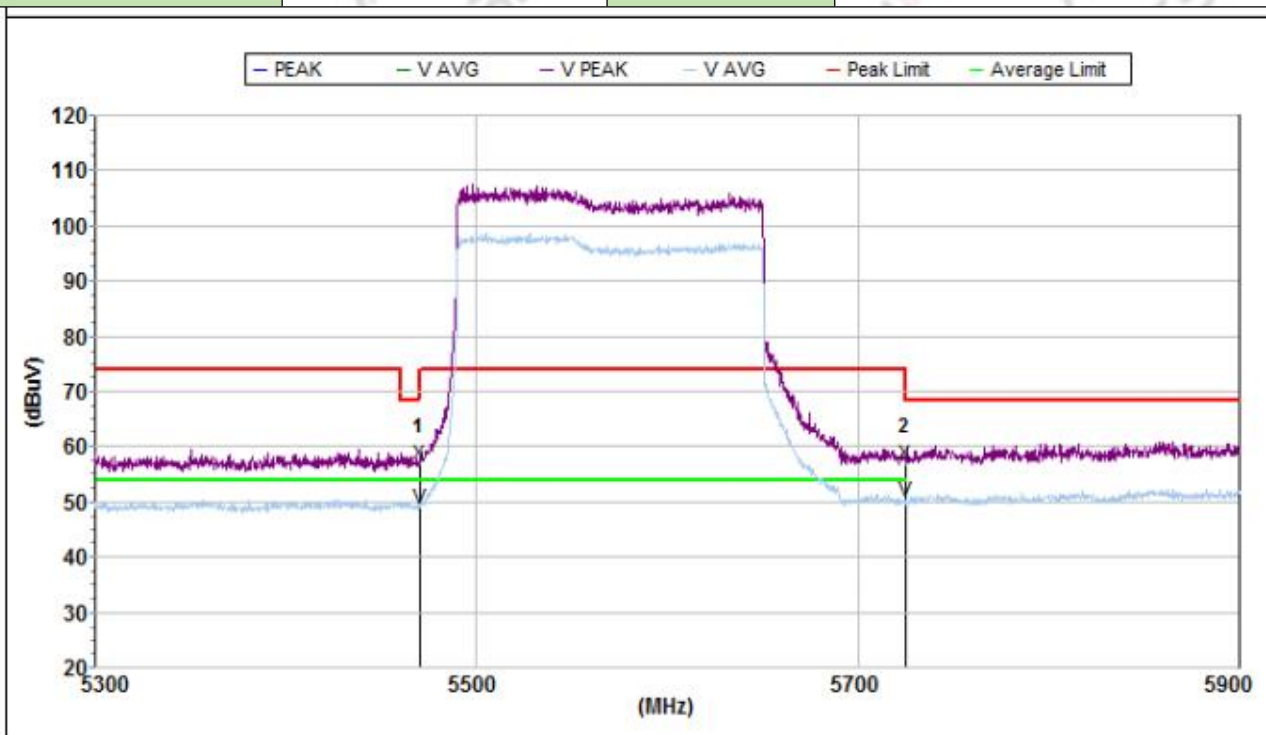
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5725.000	57.7	0.9	58.6	74.0	15.4	V
Avg							
1	5725.000	48.8	0.9	49.7	54.0	4.3	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Horizontal	Mode	802.11ac80-TX Channel 122



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5470.000	56.7	-1.7	55.0	68.2	13.2	H
2	5725.000	56.4	-0.8	55.6	74.0	18.4	H
Avg							
1	5470.000	49.2	-1.7	47.5	54.0	6.5	H
2	5725.000	48.8	-0.8	48.0	54.0	6.0	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	Vertical	Mode	802.11ac80-TX Channel 122



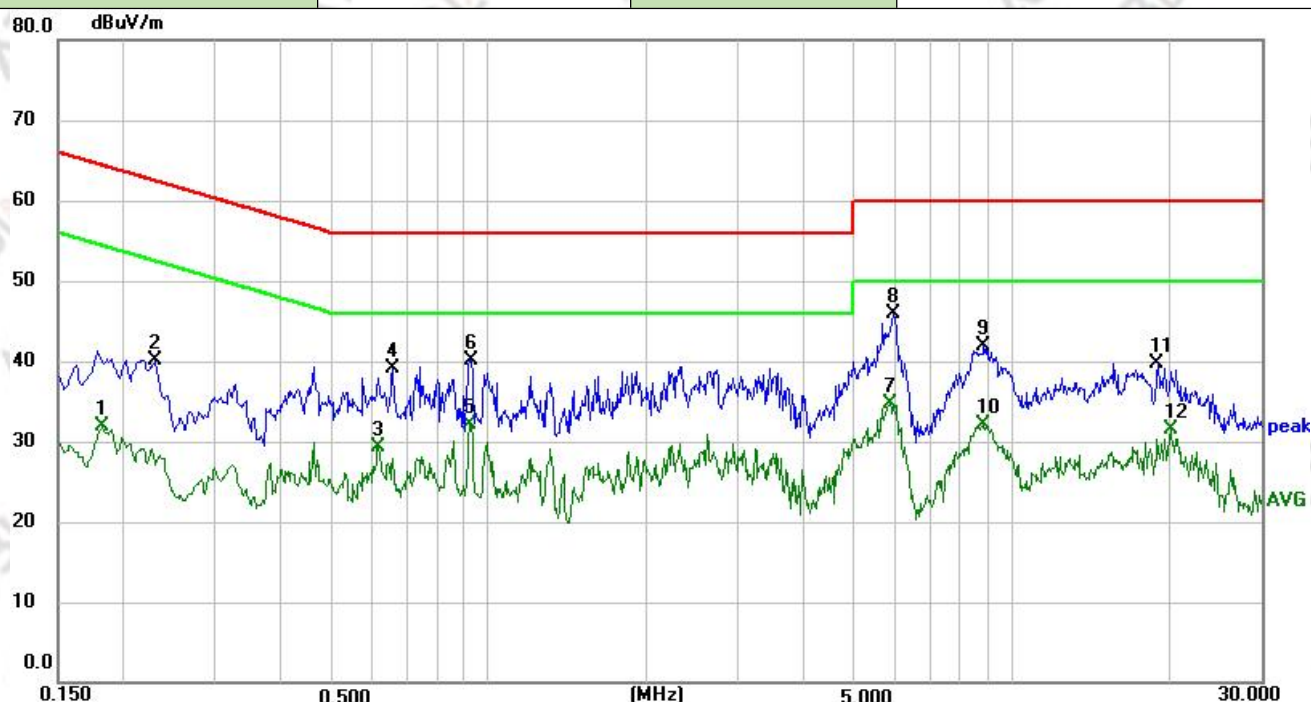
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5470.000	57.3	-0.4	56.9	68.2	11.3	V
2	5725.000	56.0	0.9	56.9	74.0	17.1	V
Avg							
1	5470.000	49.4	-0.4	49.0	54.0	5.0	V
2	5725.000	49.3	0.9	50.2	54.0	3.8	V

2.AC Power-Line Conducted Emission

Note:

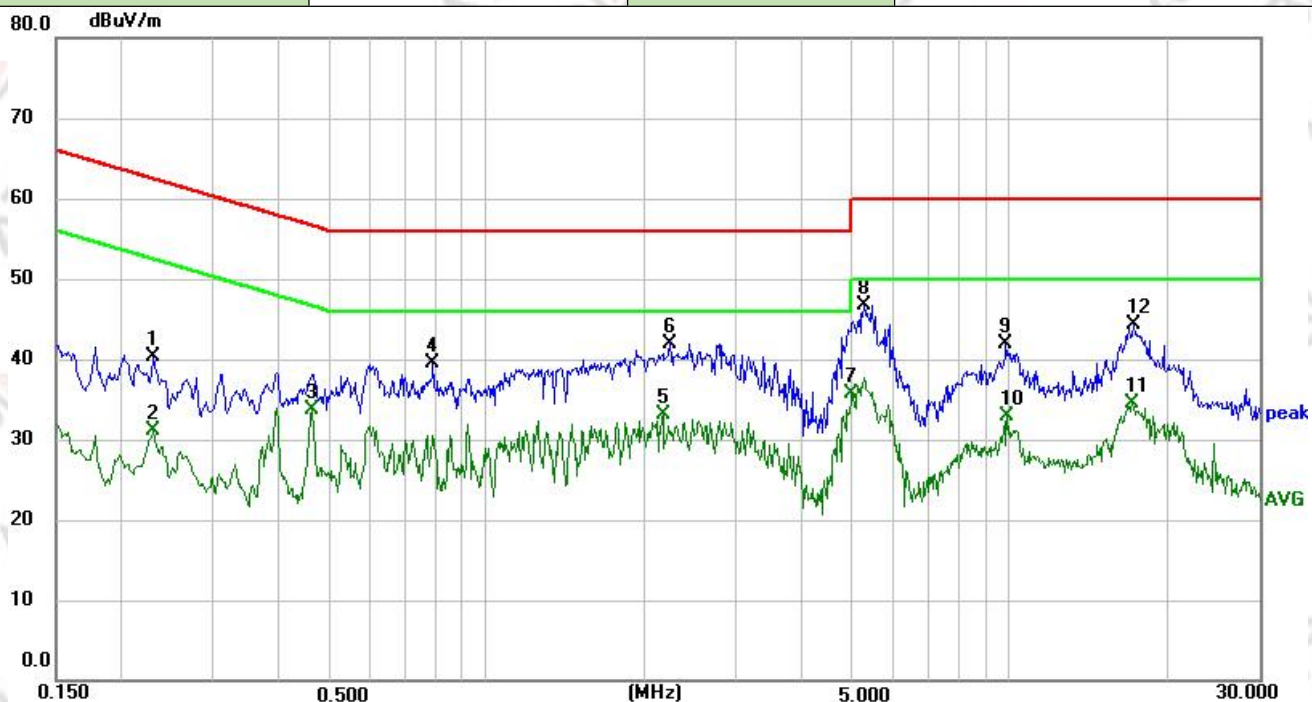
- 1.All modes have been tested, only worst mode(802.11ac20-TX Channel 48) was recorded in the test report.
- 2.Emission Level = Reading Value + Correction Factor .
3. Correction Factor = Insertion loss + Cable loss.
4. The emission levels of other frequencies were less than 20dB margin against the limit.
5. Margin value = Emission level-Limit value.

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	L1	Test Mode	802.11ac20-TX Channel 48



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	0.1819	11.98	19.92	31.90	54.40	-22.50	AVG	P	
2	0.2300	20.08	19.97	40.05	62.45	-22.40	peak	P	
3	0.6140	9.73	19.66	29.39	46.00	-16.61	AVG	P	
4	0.6540	19.42	19.70	39.12	56.00	-16.88	peak	P	
5 *	0.9220	12.28	19.75	32.03	46.00	-13.97	AVG	P	
6	0.9260	20.38	19.76	40.14	56.00	-15.86	peak	P	
7	5.8380	14.50	20.27	34.77	50.00	-15.23	AVG	P	
8	5.9420	25.66	20.28	45.94	60.00	-14.06	peak	P	
9	8.8380	21.34	20.66	42.00	60.00	-18.00	peak	P	
10	8.8380	11.52	20.66	32.18	50.00	-17.82	AVG	P	
11	19.0419	16.85	22.92	39.77	60.00	-20.23	peak	P	
12	20.0820	8.30	23.27	31.57	50.00	-18.43	AVG	P	

EUT	DESKTOP TERMINAL	Model Name	Z108
Antenna Pol.	N	Test Mode	802.11ac-TX Channel 36



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	0.2300	20.24	19.97	40.21	62.45	-22.24	peak	P	
2	0.2300	11.09	19.97	31.06	52.45	-21.39	AVG	P	
3	0.4620	14.12	19.61	33.73	46.66	-12.93	AVG	P	
4	0.7900	19.75	19.75	39.50	56.00	-16.50	peak	P	
5	2.1700	13.01	20.07	33.08	46.00	-12.92	AVG	P	
6	2.2380	21.93	20.07	42.00	56.00	-14.00	peak	P	
7 *	4.9899	15.49	20.19	35.68	46.00	-10.32	AVG	P	
8	5.2660	26.50	20.22	46.72	60.00	-13.28	peak	P	
9	9.8580	21.10	20.79	41.89	60.00	-18.11	peak	P	
10	9.8620	12.12	20.79	32.91	50.00	-17.09	AVG	P	
11	17.1420	12.21	22.27	34.48	50.00	-15.52	AVG	P	
12	17.2820	21.90	22.32	44.22	60.00	-15.78	peak	P	

*****END*****