

Appendix B_Radiated Spurious Emission Data for BR_EDR:

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.

Below 1GHz:

Note:

1.All modes have been tested, only worst (DH5-2441MHz)mode was recorded in the test report.

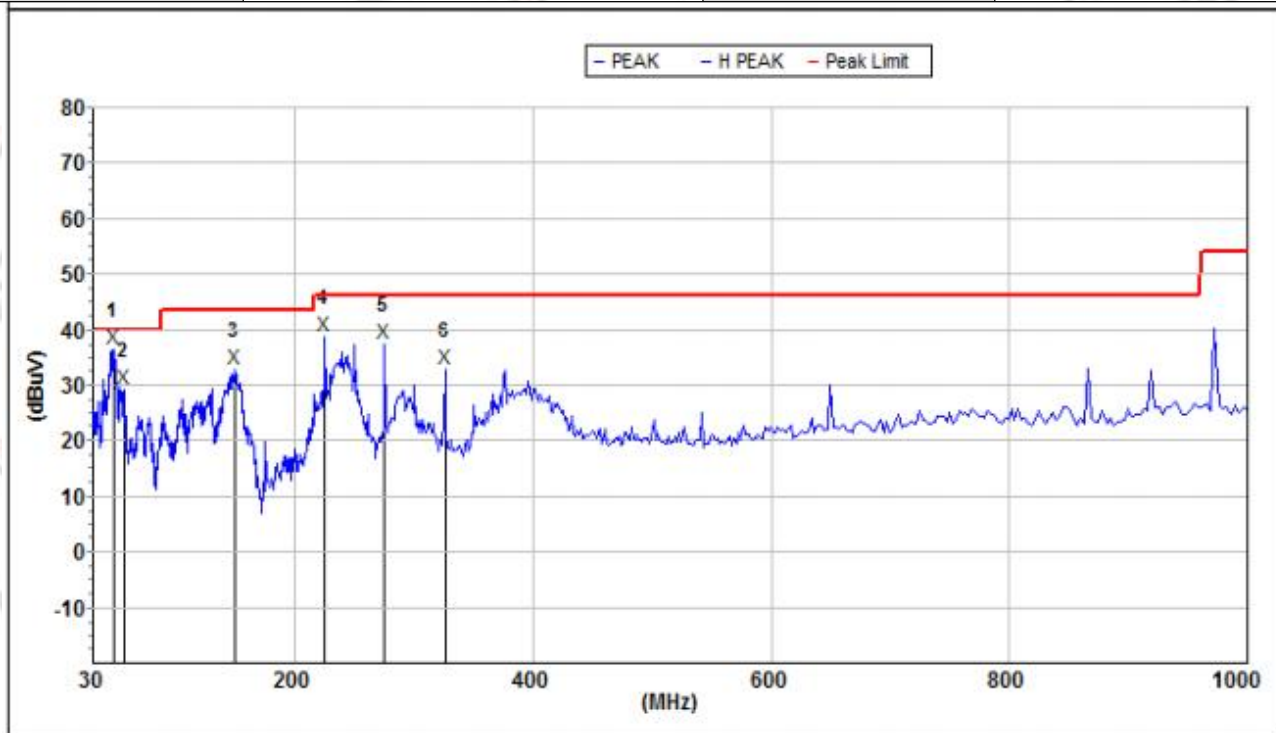
2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).

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.

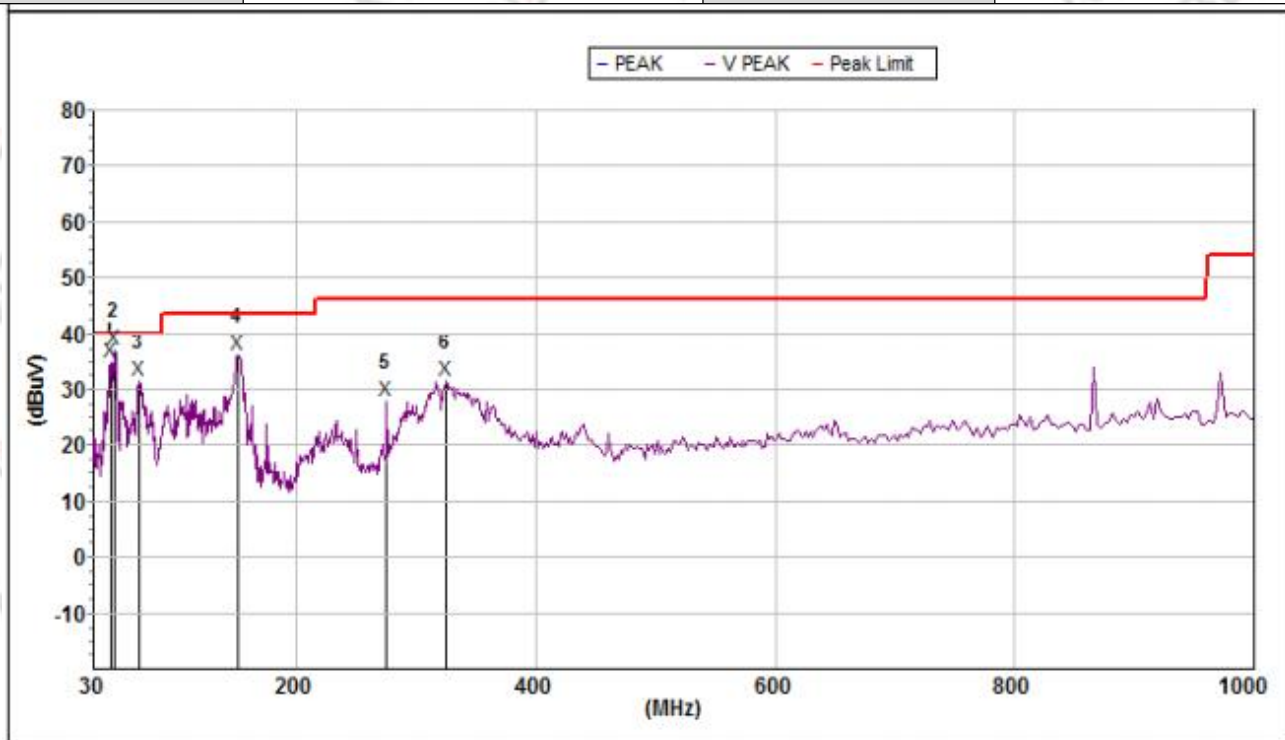
5.Margin value = Emission level-Limit value.

EUT	DESKTOP TERMINAL	Model Name	Z108
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	47.826	78.8	-42.3	36.5	40.0	3.5	H
2	56.593	72.4	-43.0	29.4	40.0	10.6	H
3	150.011	68.4	-35.5	32.9	43.5	10.6	H
4	225.308	67.6	-28.7	38.9	46.0	7.1	H
5	275.157	64.6	-27.0	37.6	46.0	8.4	H
6	325.596	59.1	-26.1	33.0	46.0	13.0	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5_2441MHz	Antenna Pol.	Vertical

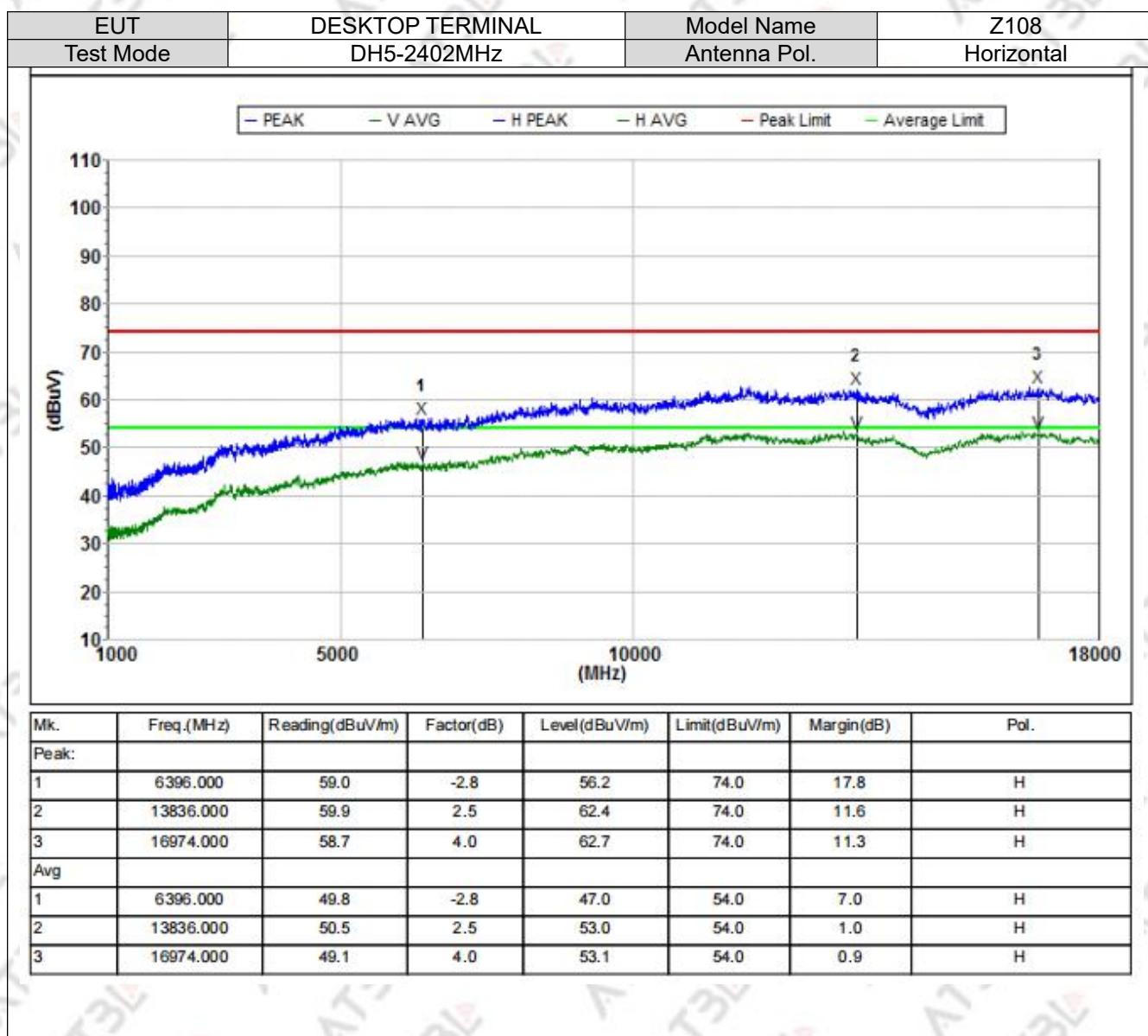


Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	44.901	79.6	-44.6	35.0	40.0	5.0	V
2	48.332	81.2	-44.1	37.1	40.0	2.9	V
3	68.872	76.4	-44.9	31.5	40.0	8.5	V
4	151.067	73.5	-37.4	36.1	43.5	7.4	V
5	275.157	55.5	-27.5	28.0	46.0	18.0	V
6	324.456	58.0	-26.5	31.5	46.0	14.5	V

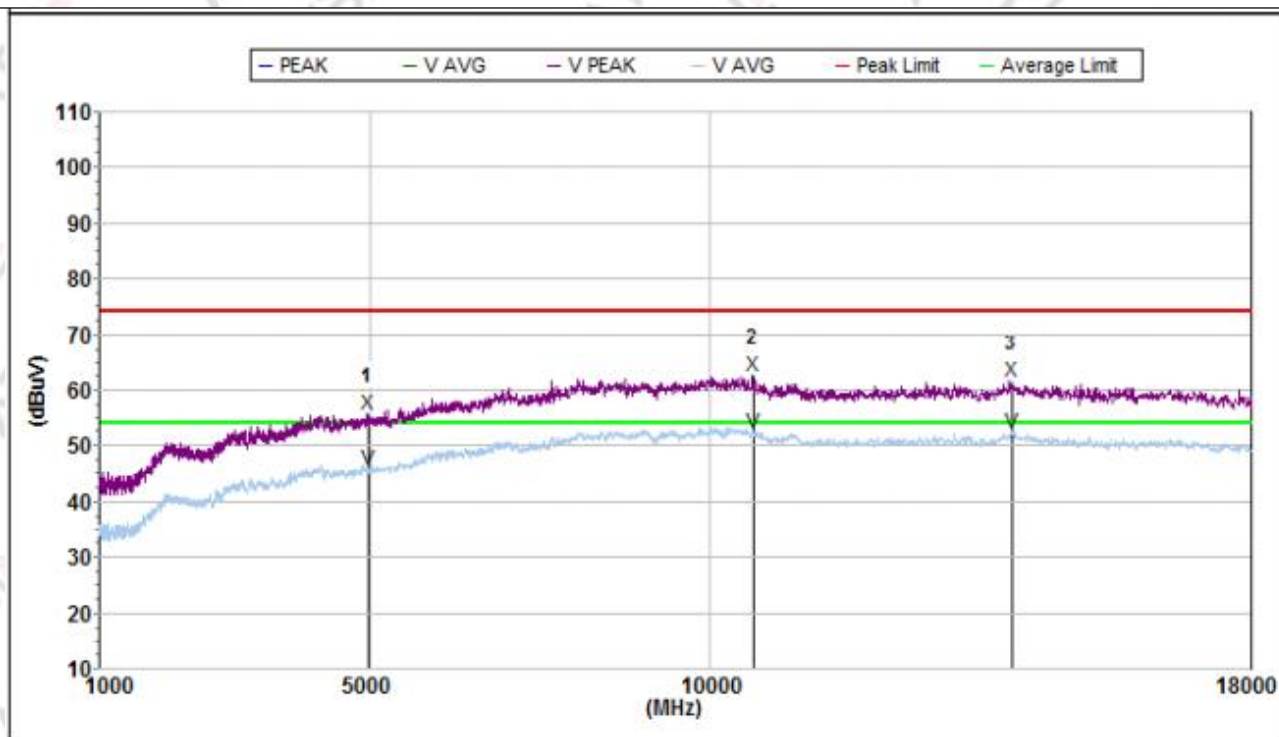
1GHz-18GHz:

Note:

- 1.All modes have been tested, only worst (DH5)mode was recorded in the test report.
- 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 Pol. 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.

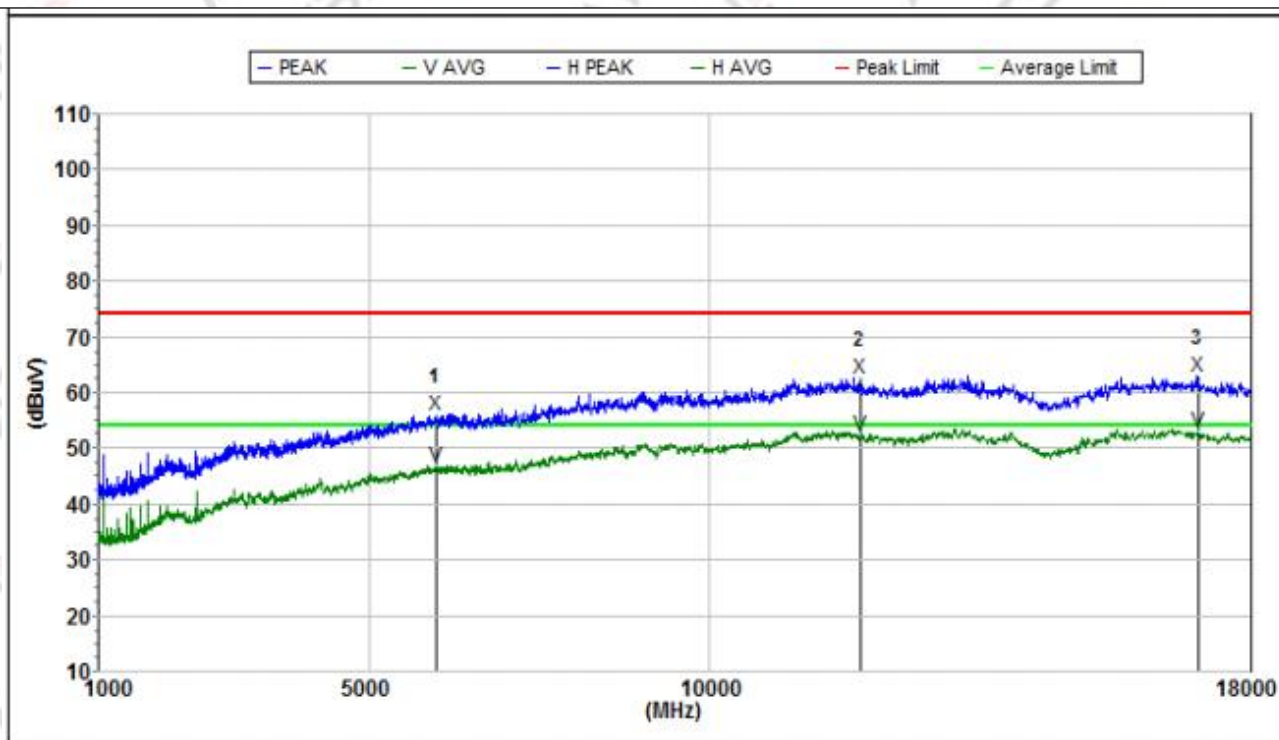


EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2402MHz	Antenna Pol.	Vertical



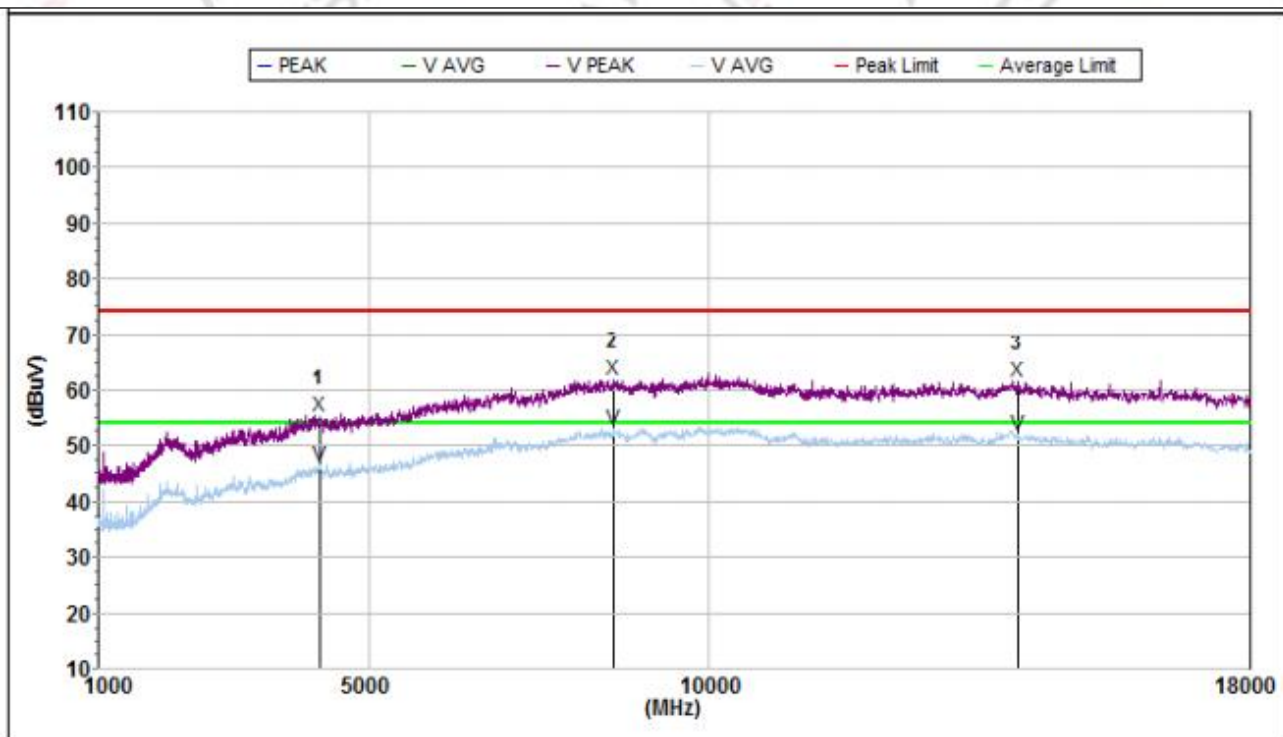
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4980.000	59.9	-4.1	55.8	74.0	18.2	V
2	10644.000	59.5	3.0	62.5	74.0	11.5	V
3	14472.000	59.2	2.5	61.7	74.0	12.3	V
Avg							
1	4980.000	50.0	-4.1	45.9	54.0	8.1	V
2	10644.000	49.5	3.0	52.5	54.0	1.5	V
3	14472.000	49.9	2.5	52.4	54.0	1.6	V

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2441MHz	Antenna Pol.	Horizontal



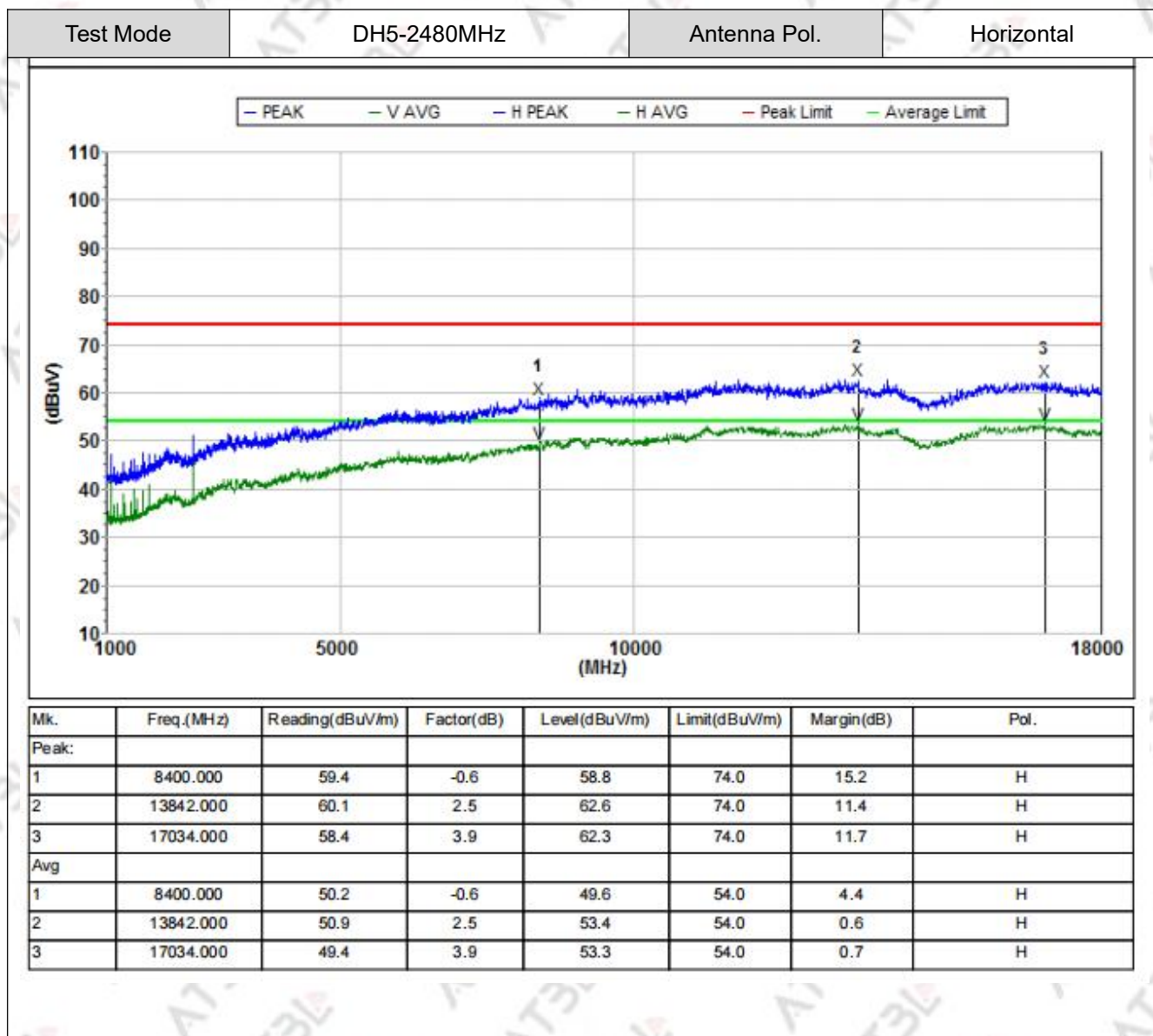
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	5987.500	59.0	-3.1	55.9	74.0	18.1	H
2	12228.000	59.9	2.7	62.6	74.0	11.4	H
3	17214.000	59.3	3.7	63.0	74.0	11.0	H
Avg							
1	5987.500	49.9	-3.1	46.8	54.0	7.2	H
2	12228.000	49.8	2.7	52.5	54.0	1.5	H
3	17214.000	49.3	3.7	53.0	54.0	1.0	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2441MHz	Antenna Pol.	Vertical

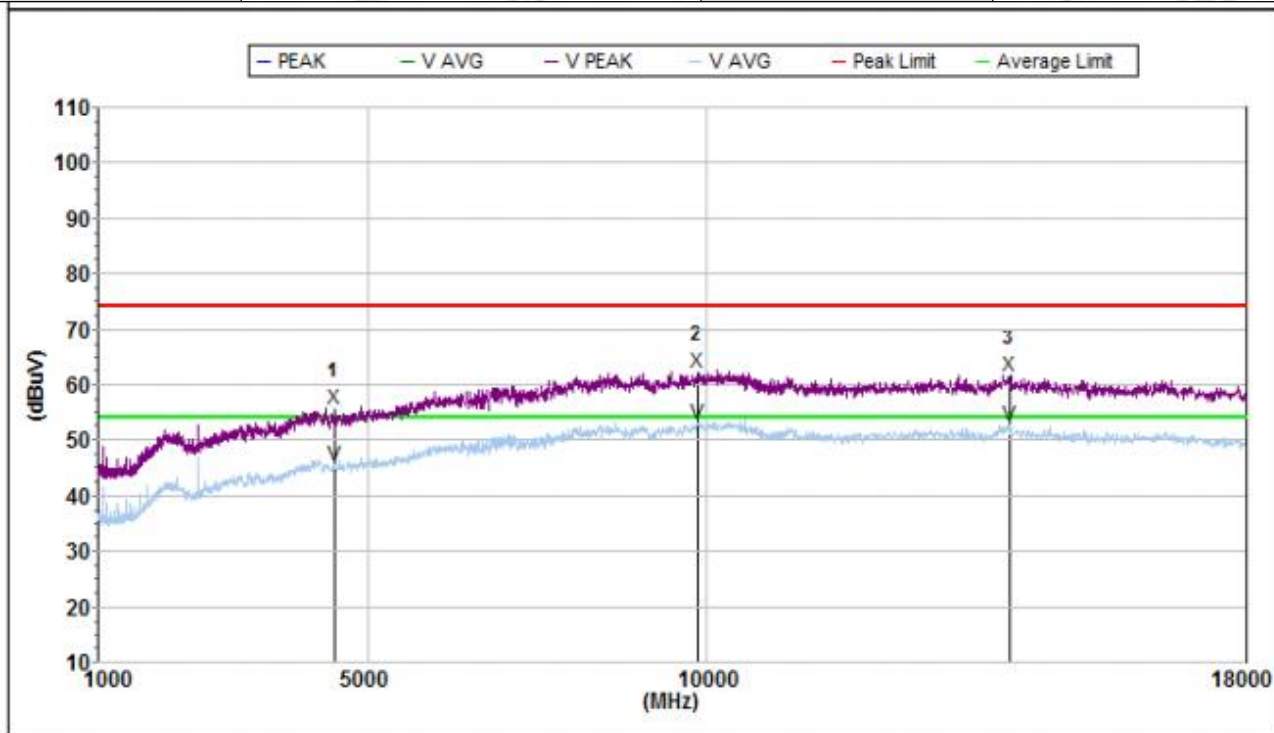


Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4275.000	60.7	-5.2	55.5	74.0	18.5	V
2	8604.000	59.8	2.3	62.1	74.0	11.9	V
3	14562.000	59.0	2.5	61.5	74.0	12.5	V
Avg							
1	4275.000	51.8	-5.2	46.6	54.0	7.4	V
2	8604.000	50.8	2.3	53.1	54.0	0.9	V
3	14562.000	49.6	2.5	52.1	54.0	1.9	V

EUT	DESKTOP TERMINAL	Model Name	Z108
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EUT	DESKTOP TERMINAL	Model Name	Z108
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	4492.500	60.6	-5.0	55.6	74.0	18.4	V
2	9888.000	59.3	2.9	62.2	74.0	11.8	V
3	14484.000	59.2	2.6	61.8	74.0	12.2	V
Avg							
1	4492.500	50.6	-5.0	45.6	54.0	8.4	V
2	9888.000	50.2	2.9	53.1	54.0	0.9	V
3	14484.000	50.1	2.6	52.7	54.0	1.3	V

18GHz-40GHz:

Note:

Shanghai ATBL Technology Co., Ltd..

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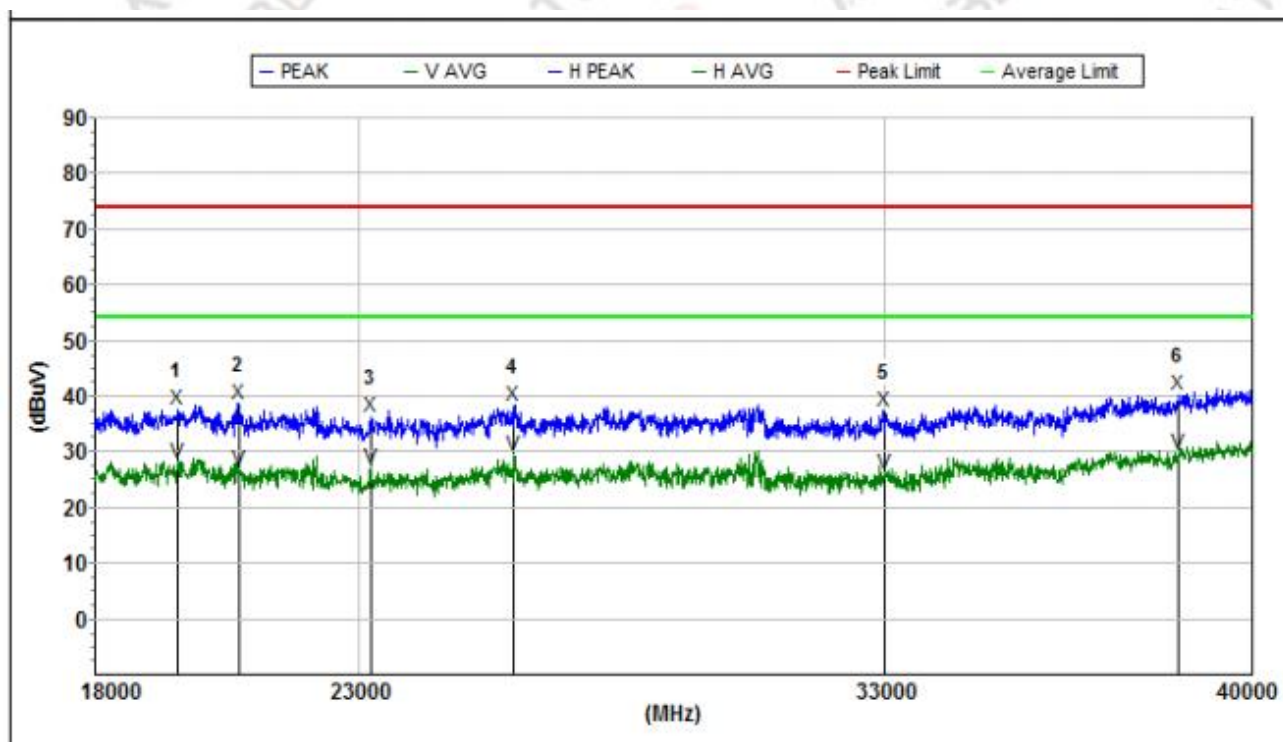
Tel:+86(0)21-51298625

Web:www.atbl-lab.com

Email:atbl@atbl-lab.com

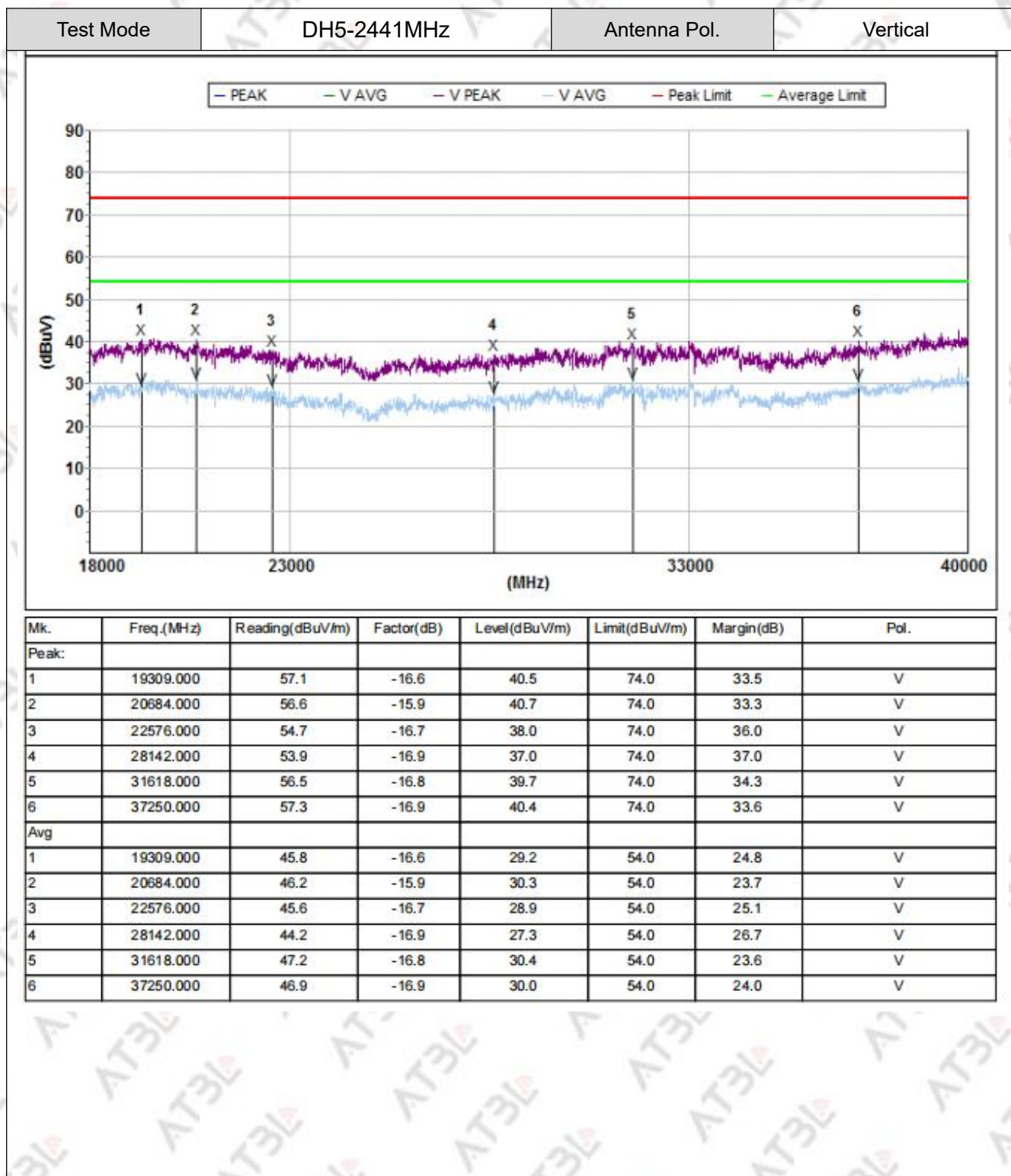
1. All modes have been tested, only worst (DH5-2441MHz)mode was recorded in the test report.
2. While performing the testing, the notch filter is used for avoiding test instrument overload.

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2441MHz	Antenna Pol.	Horizontal



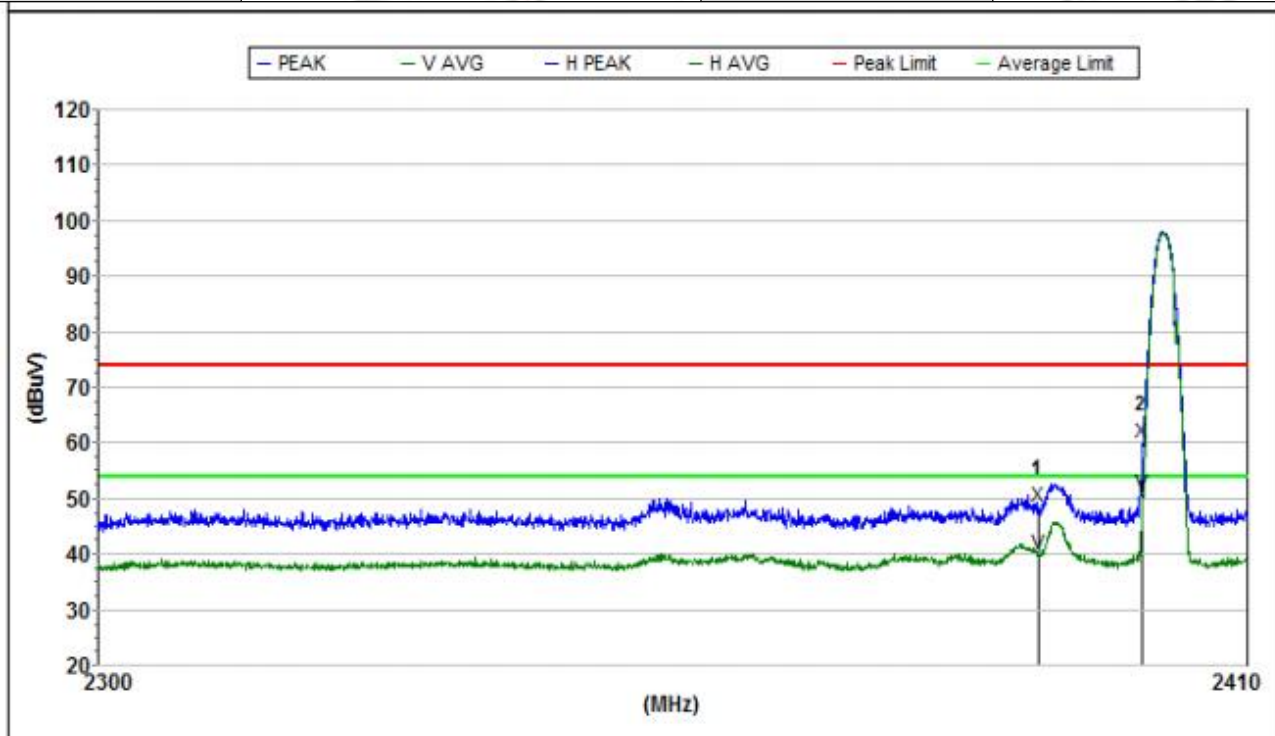
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	19584.000	59.1	-21.4	37.7	74.0	36.3	H
2	20739.000	59.6	-20.9	38.7	74.0	35.3	H
3	23247.000	57.7	-21.4	36.3	74.0	37.7	H
4	25964.000	56.1	-17.6	38.5	74.0	35.5	H
5	33004.000	53.9	-16.4	37.5	74.0	36.5	H
6	38603.000	56.1	-15.9	40.2	74.0	33.8	H
Avg							
1	19584.000	49.4	-21.4	28.0	54.0	26.0	H
2	20739.000	47.7	-20.9	26.8	54.0	27.2	H
3	23247.000	48.7	-21.4	27.3	54.0	26.7	H
4	25964.000	47.0	-17.6	29.4	54.0	24.6	H
5	33004.000	42.7	-16.4	26.3	54.0	27.7	H
6	38603.000	45.7	-15.9	29.8	54.0	24.2	H

EUT	DESKTOP TERMINAL	Model Name	Z108
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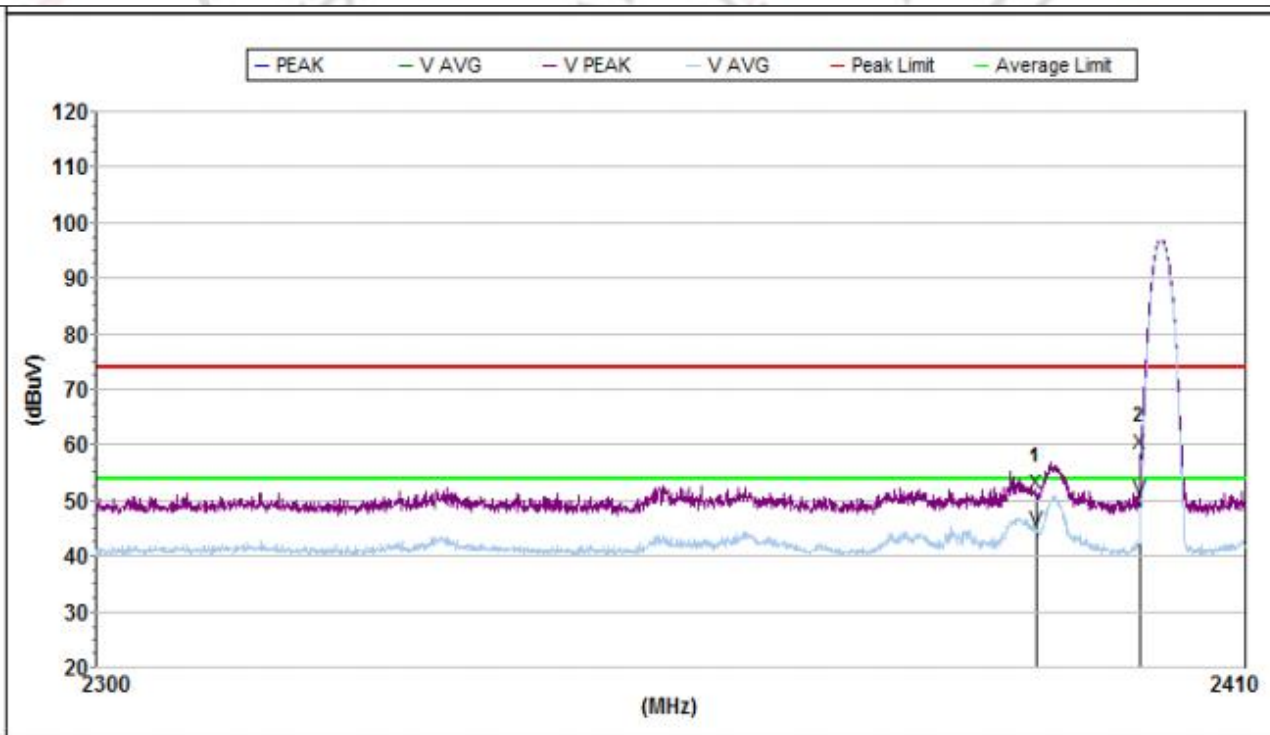
Restricted Band:

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5--2402MHz	Antenna Pol.	Horizontal



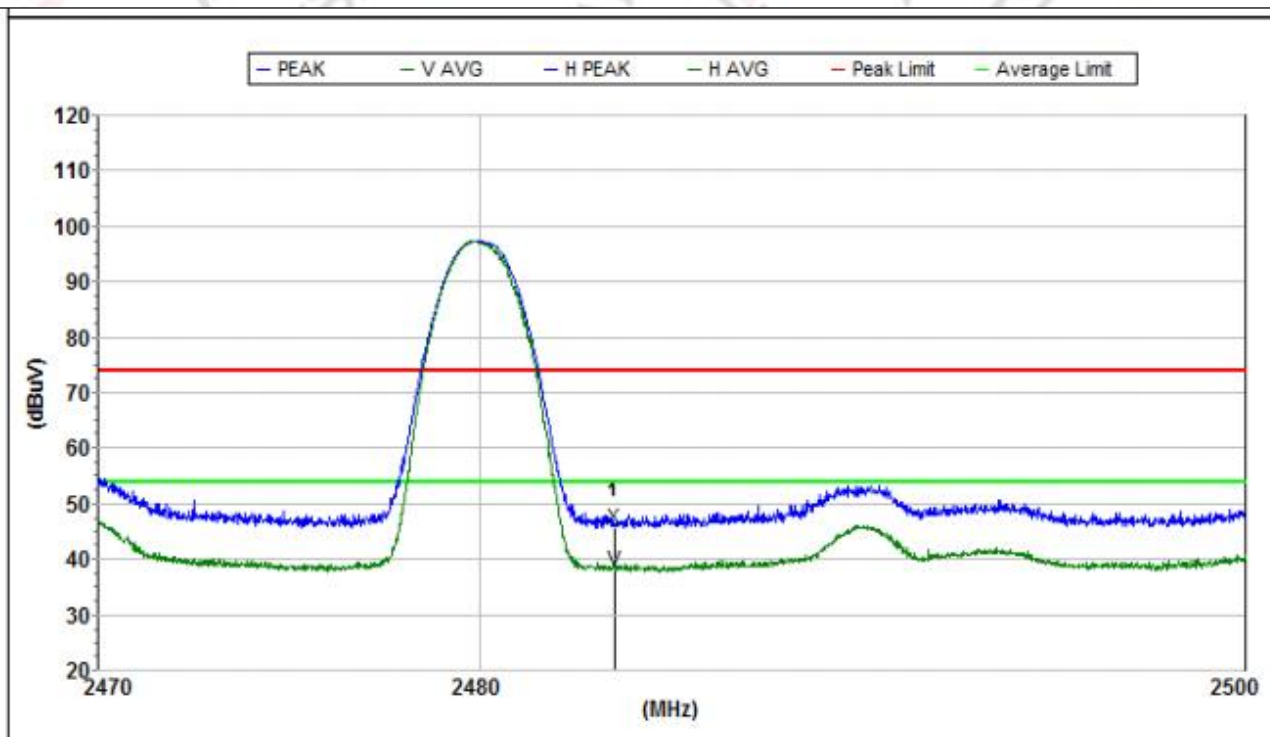
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2390.000	62.8	-14.2	48.6	74.0	25.4	H
2	2400.000	74.3	-14.2	60.1	74.0	13.9	H
Avg							
1	2390.000	54.2	-14.2	40.0	54.0	14.0	H
2	2400.000	65.1	-14.2	50.9	54.0	3.1	H

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2402MHz	Antenna Pol.	Vertical



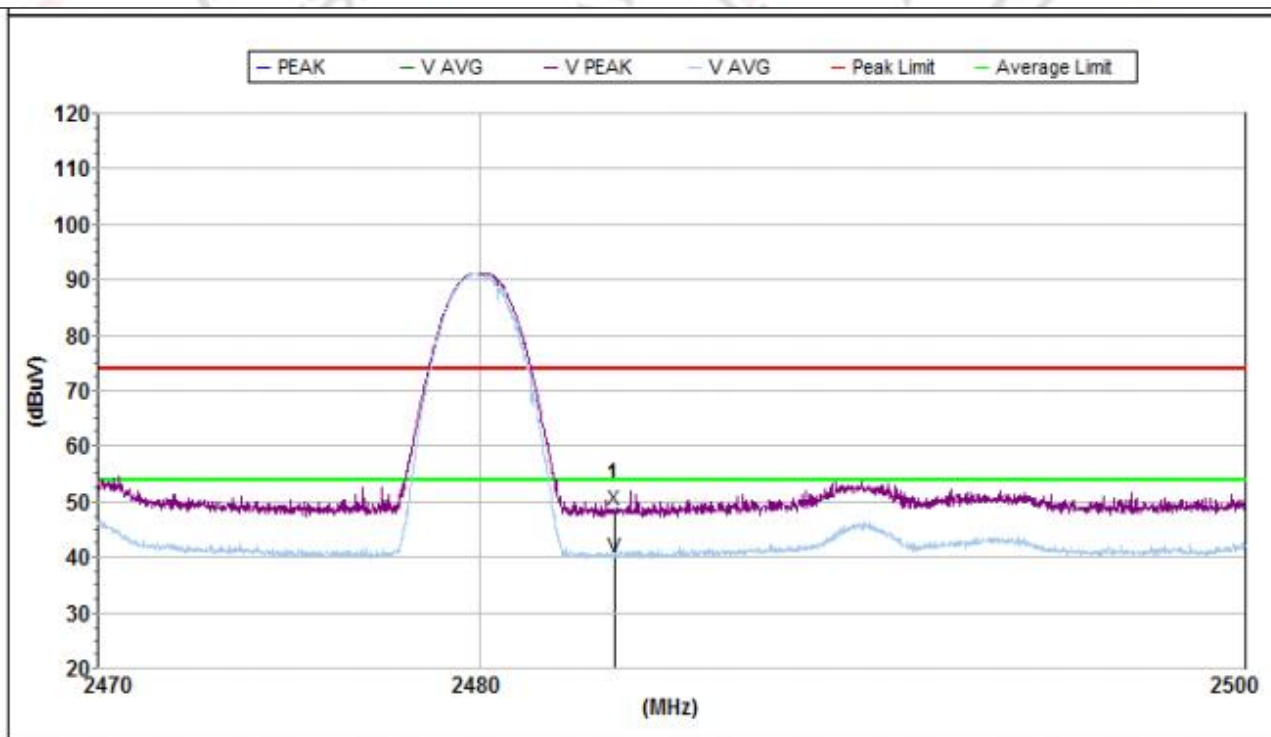
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2390.000	62.6	-11.3	51.3	74.0	22.7	V
2	2400.000	70.0	-11.4	58.6	74.0	15.4	V
Avg							
1	2390.000	55.9	-11.3	44.6	54.0	9.4	V
2	2400.000	61.5	-11.4	50.1	54.0	3.9	V

EUT	DESKTOP TERMINAL	Model Name	Z108
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	60.1	-14.3	45.8	74.0	28.2	H
Avg							
1	2483.500	52.4	-14.3	38.1	54.0	15.9	H

EUT	DESKTOP TERMINAL	Model Name	Z108
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	60.4	-11.7	48.7	74.0	25.3	V
Avg							
1	2483.500	51.9	-11.7	40.2	54.0	13.8	V

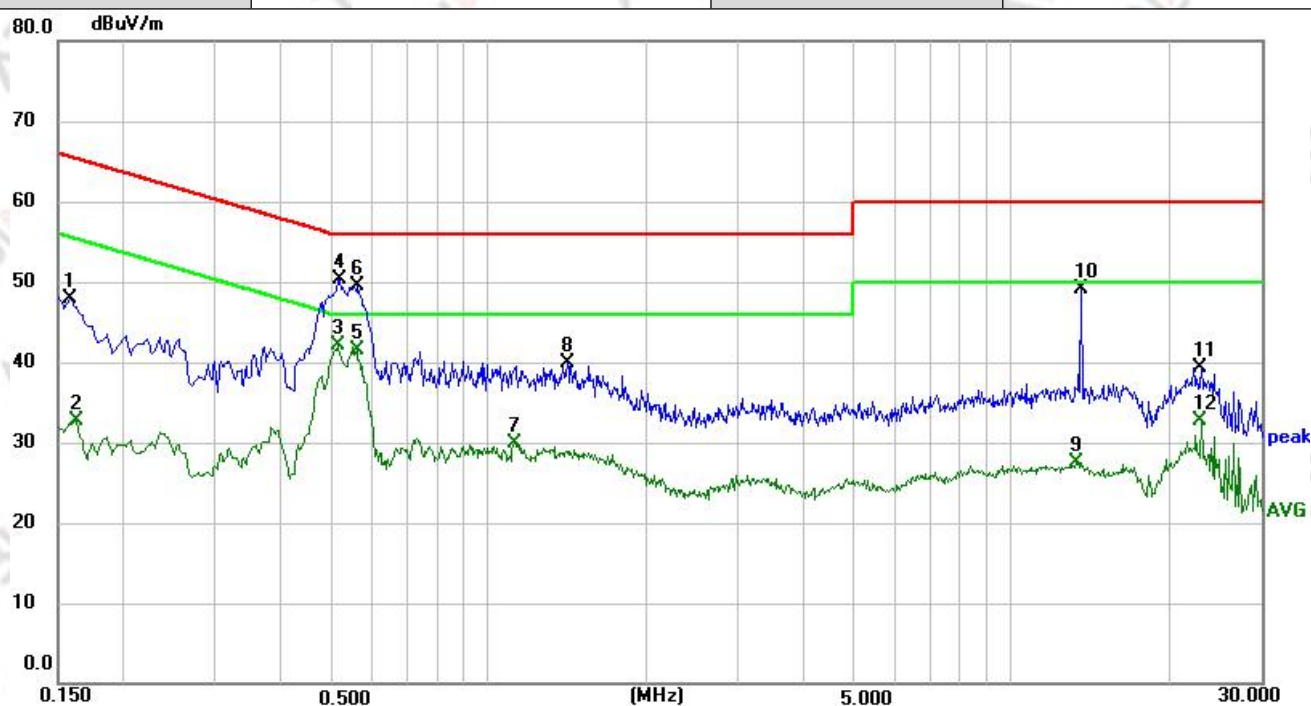
9.AC Power-Line Conducted Emission

Test Result

Note:

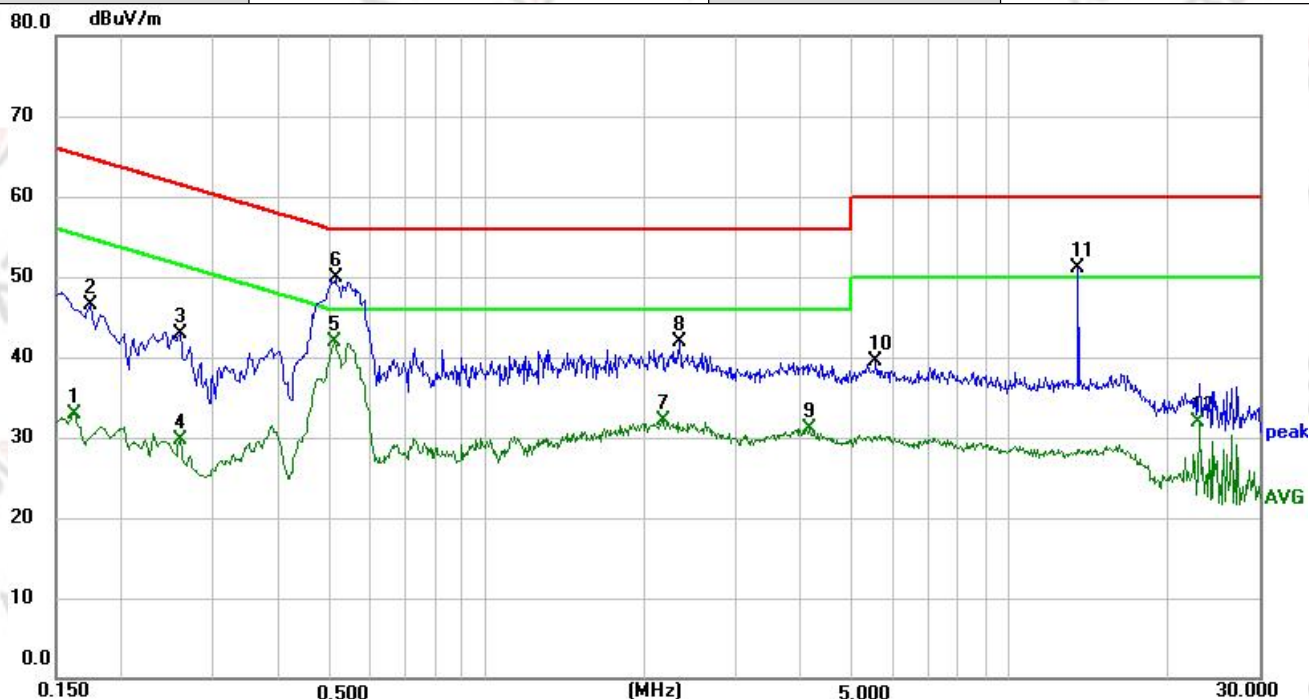
- 1.All modes have been tested, only worst mode(DH5-2441MHz) was recorded in the test report.
- 2.Emission Level = Reading Value + Correction Factor .
3. Correction Factor = Insertion loss + Cable loss.
4. The emission levels of other frequencies were less than 20dB margin against the limit.
5. Margin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

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2441MHz	Phase	L1



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	0.1580	28.18	19.75	47.93	65.57	-17.64	peak	P	
2	0.1620	13.00	19.74	32.74	55.36	-22.62	AVG	P	
3 *	0.5140	22.19	19.86	42.05	46.00	-3.95	AVG	P	
4	0.5180	30.48	19.86	50.34	56.00	-5.66	peak	P	
5	0.5580	21.63	19.88	41.51	46.00	-4.49	AVG	P	
6	0.5620	29.54	19.88	49.42	56.00	-6.58	peak	P	
7	1.1180	10.07	19.81	29.88	46.00	-16.12	AVG	P	
8	1.4180	19.96	19.93	39.89	56.00	-16.11	peak	P	
9	13.3100	6.02	21.56	27.58	50.00	-22.42	AVG	P	
10	13.5660	27.50	21.63	49.13	60.00	-10.87	peak	P	
11	23.1299	14.86	24.51	39.37	60.00	-20.63	peak	P	
12	23.1299	8.26	24.51	32.77	50.00	-17.23	AVG	P	

EUT	DESKTOP TERMINAL	Model Name	Z108
Test Mode	DH5-2441MHz	Phase	N



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	0.1620	13.19	19.81	33.00	55.36	-22.36	AVG	P	
2	0.1740	26.59	19.88	46.47	64.77	-18.30	peak	P	
3	0.2580	22.92	19.93	42.85	61.50	-18.65	peak	P	
4	0.2580	9.86	19.93	29.79	51.50	-21.71	AVG	P	
5 *	0.5100	22.31	19.56	41.87	46.00	-4.13	AVG	P	
6	0.5140	30.31	19.56	49.87	56.00	-6.13	peak	P	
7	2.1780	12.13	20.07	32.20	46.00	-13.80	AVG	P	
8	2.3340	21.75	20.07	41.82	56.00	-14.18	peak	P	
9	4.1460	11.03	20.10	31.13	46.00	-14.87	AVG	P	
10	5.5620	19.27	20.25	39.52	60.00	-20.48	peak	P	
11	13.4940	29.71	21.32	51.03	60.00	-8.97	peak	P	
12	23.1299	7.81	24.07	31.88	50.00	-18.12	AVG	P	