

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:

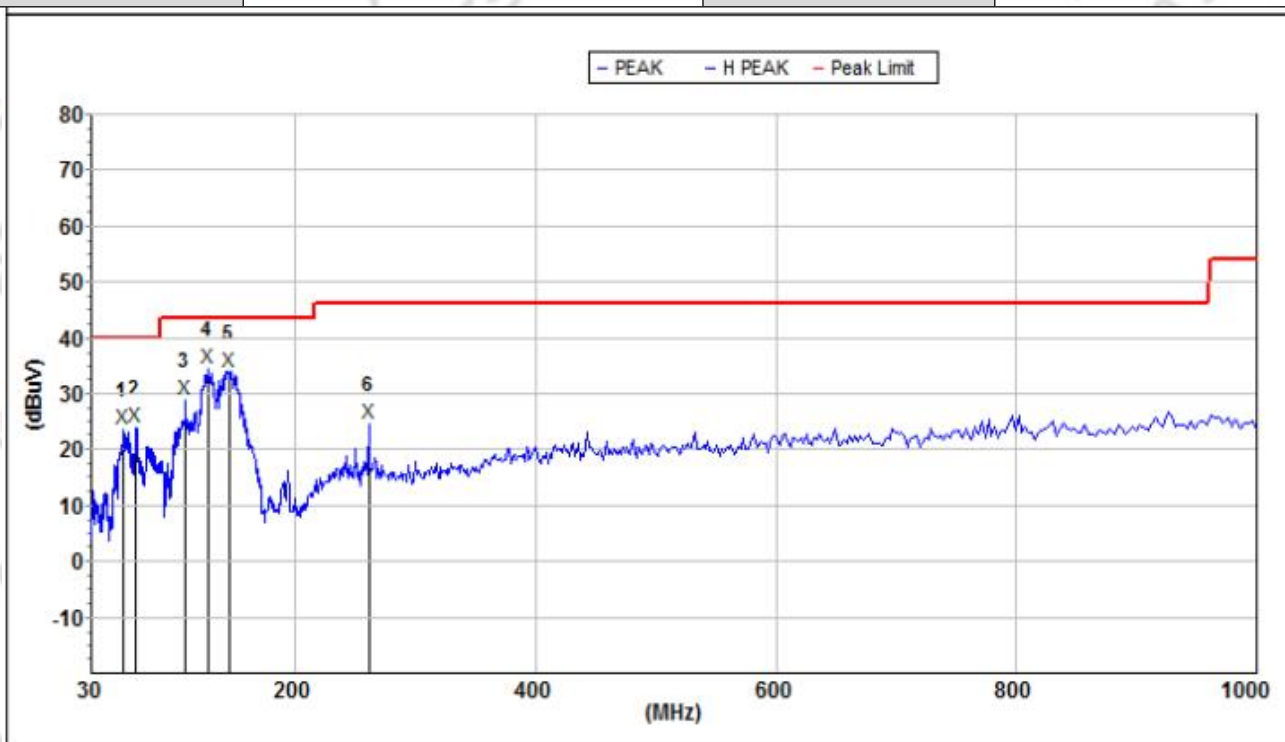
- 1.The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.
- 2.The all data rate modes had been test, but only worse test data was recorded in the test report.

Below 1GHz:

Note:

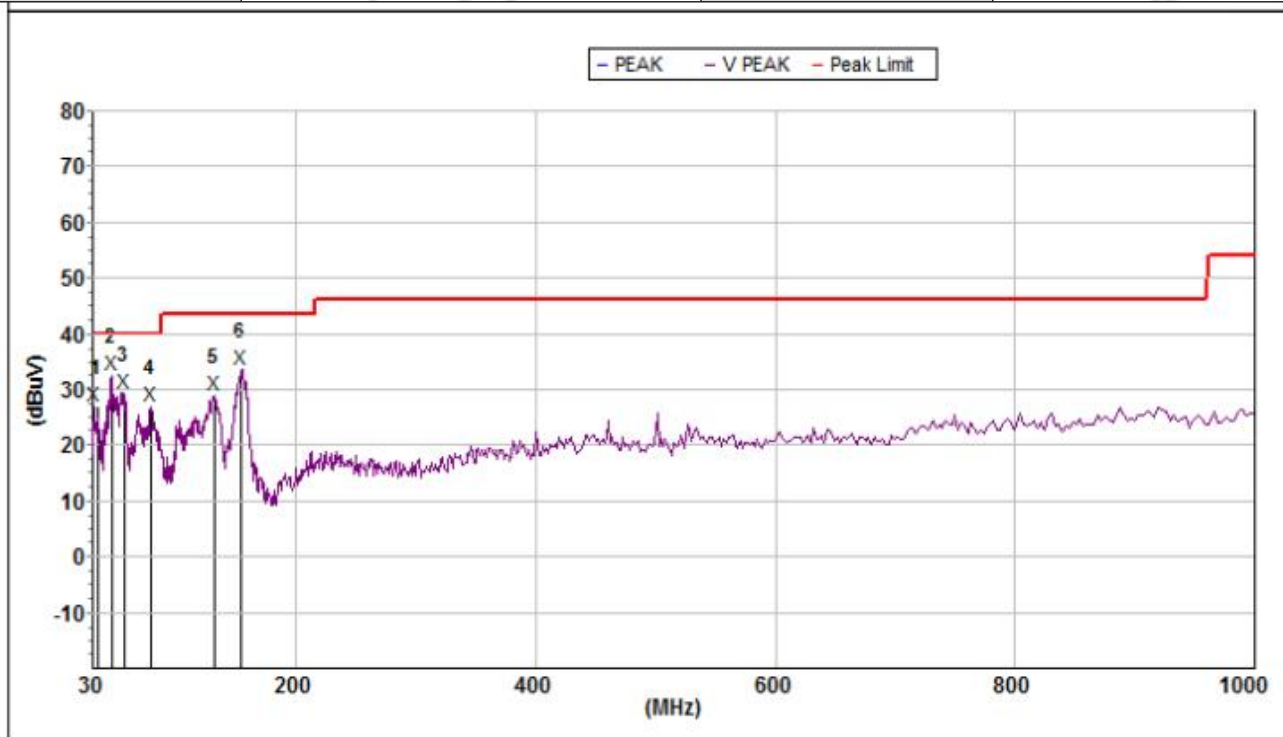
- 1.All modes have been tested, only worst (2DH5-2402MHz)mode was recorded in the test report.
- 2.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
- 3.Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
- 4.The emission levels of other frequencies were less than 20dB margin against the limit.
- 5.Margin value = Emission level-Limit value.

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5_2402MHz	Antenna	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	57.191	67.2	-43.3	23.9	40.0	16.1	H
2	67.438	69.8	-45.6	24.2	40.0	15.8	H
3	107.888	67.2	-38.1	29.1	43.5	14.4	H
4	126.772	68.6	-34.1	34.5	43.5	9.0	H
5	144.335	67.7	-33.6	34.1	43.5	9.4	H
6	261.058	52.4	-27.6	24.8	46.0	21.2	H

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5_2402MHz	Antenna	Vertical



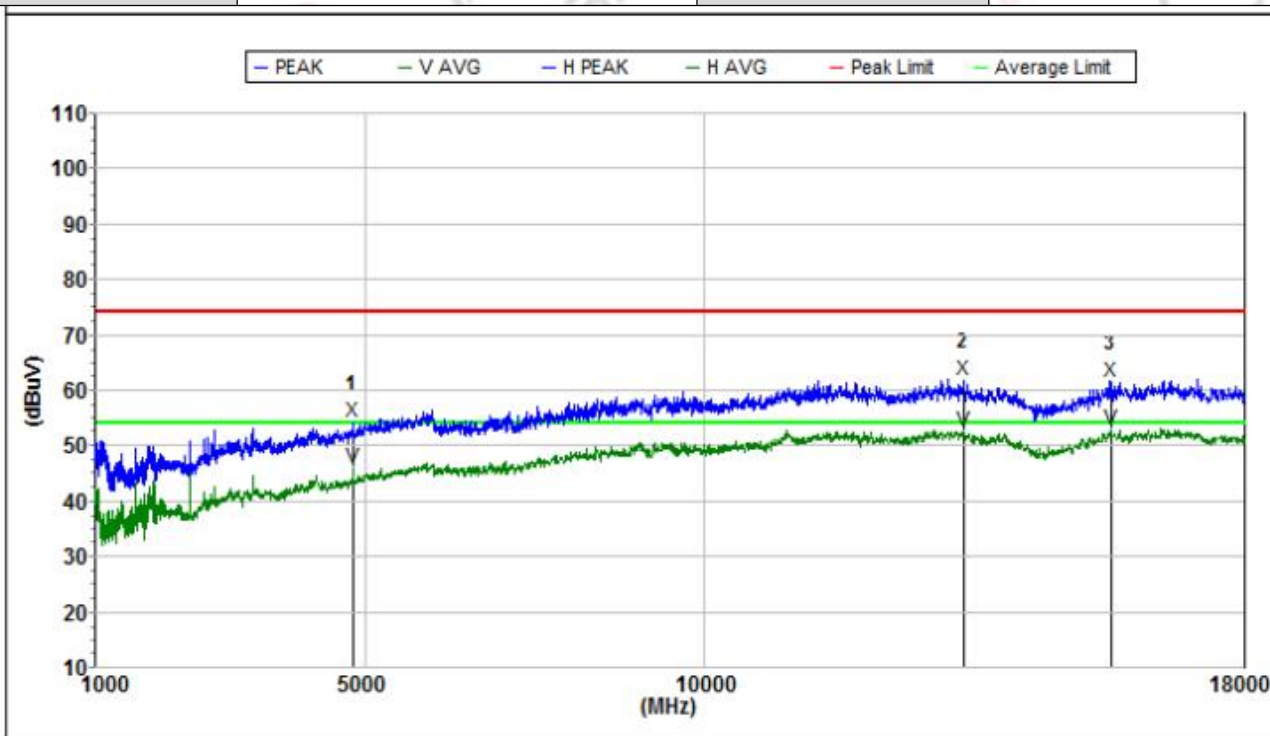
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	31.289	73.3	-46.4	26.9	40.0	13.1	V
2	45.535	77.1	-44.5	32.6	40.0	7.4	V
3	56.197	72.9	-43.5	29.4	40.0	10.6	V
4	78.413	70.6	-43.5	27.1	40.0	12.9	V
5	132.221	65.3	-36.4	28.9	43.5	14.6	V
6	153.739	69.6	-35.9	33.7	43.5	9.8	V

Above 1GHz:

Note:

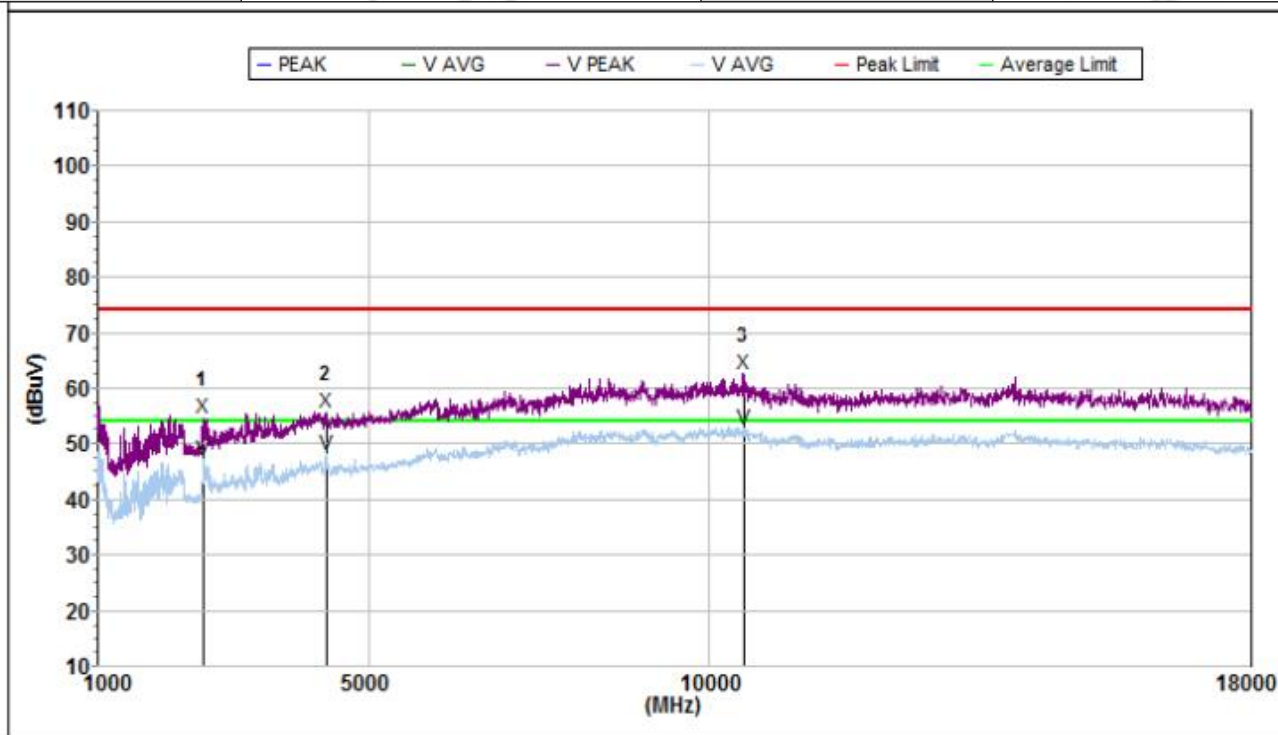
- 1.All modes have been tested, only worst (2DH5)mode was recorded in the test report.
- 2.We used the filter to test and the main frequency was filtered out.
- 3.Emission Level (dBuV/m) = Reading Value (dBuV) + Correction Factor (dB/m).
4. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)-Amplifier Gain.
5. Margin value = Emission level-Limit value.

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Antenna	Horizontal



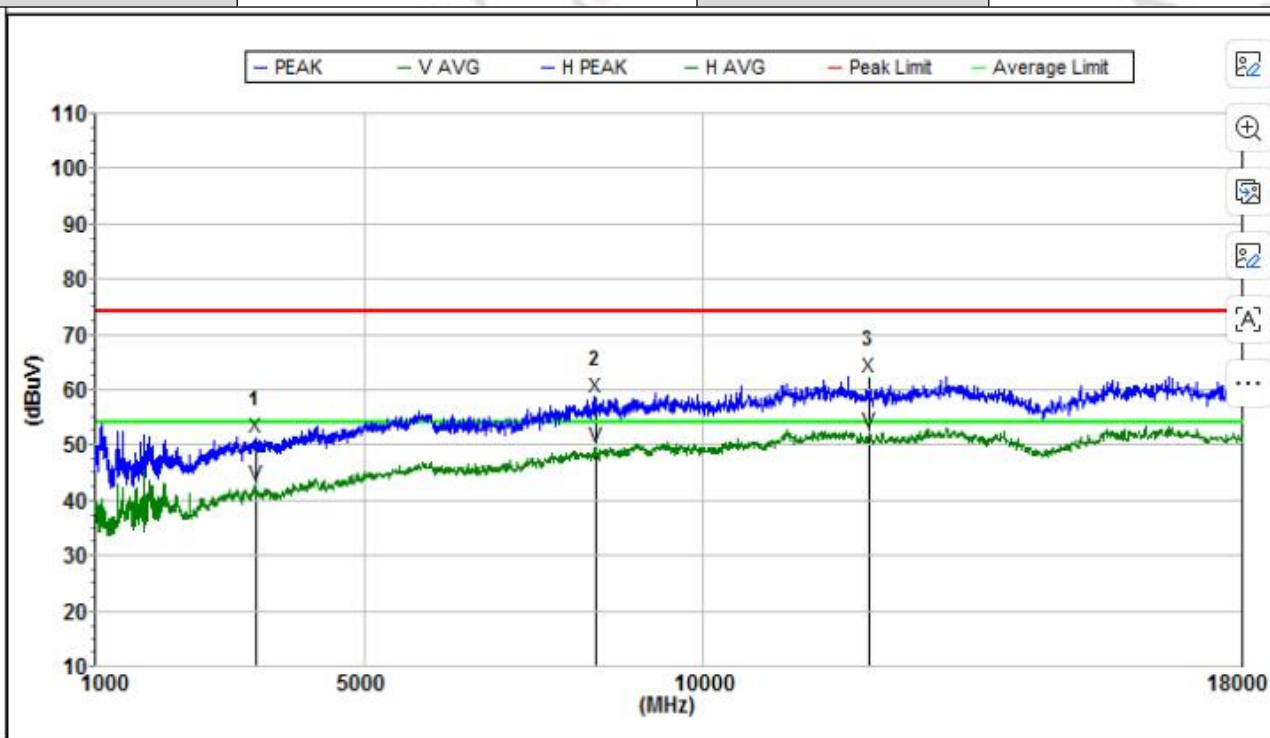
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	4807.500	60.7	-6.3	54.4	74.0	19.6	H
2	13842.000	59.4	2.5	61.9	74.0	12.1	H
3	16020.000	58.2	3.6	61.8	74.0	12.2	H
Avg							
1	4807.500	52.6	-6.3	46.3	54.0	7.7	H
2	13842.000	50.1	2.5	52.6	54.0	1.4	H
3	16020.000	49.5	3.6	53.1	54.0	0.9	H

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Antenna	Vertical



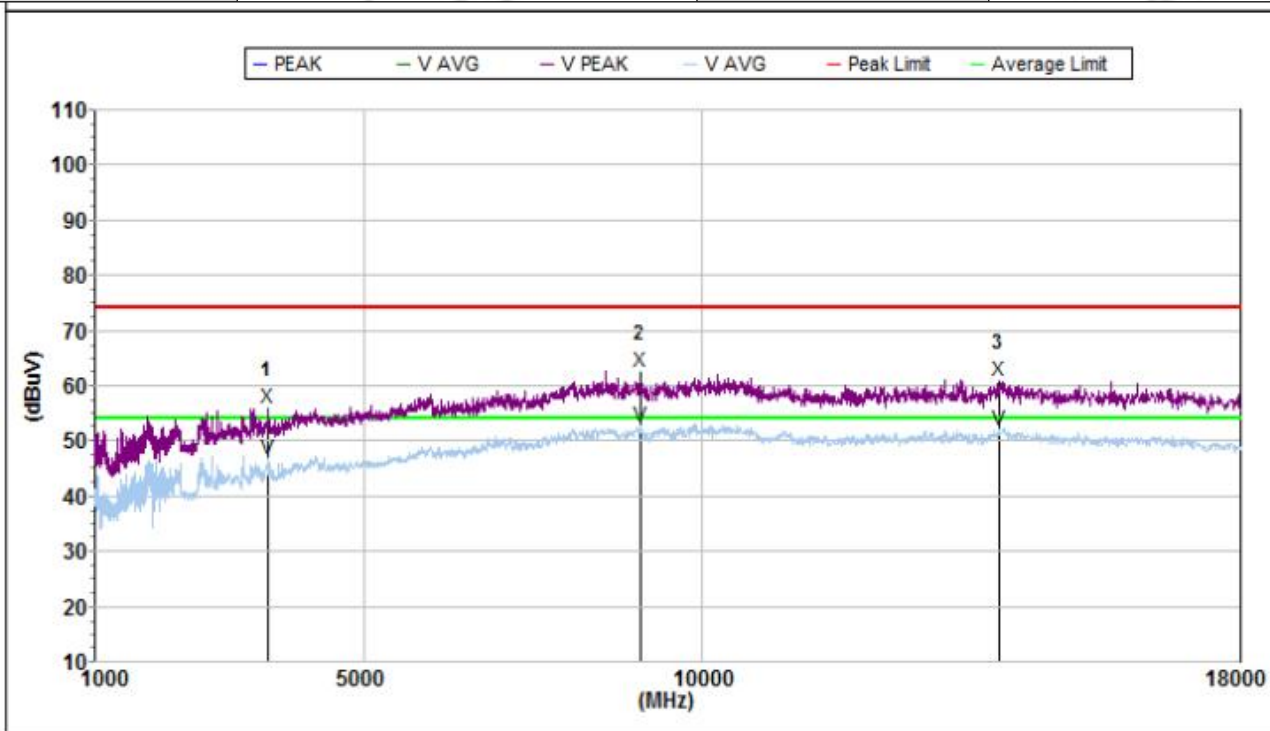
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2570.000	65.9	-11.3	54.6	74.0	19.4	V
2	4362.500	60.7	-5.1	55.6	74.0	18.4	V
3	10518.000	59.2	3.3	62.5	74.0	11.5	V
Avg							
1	2570.000	58.6	-11.3	47.3	54.0	6.7	V
2	4362.500	53.4	-5.1	48.3	54.0	5.7	V
3	10518.000	49.4	3.3	52.7	54.0	1.3	V

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2441MHz	Antenna	Horizontal



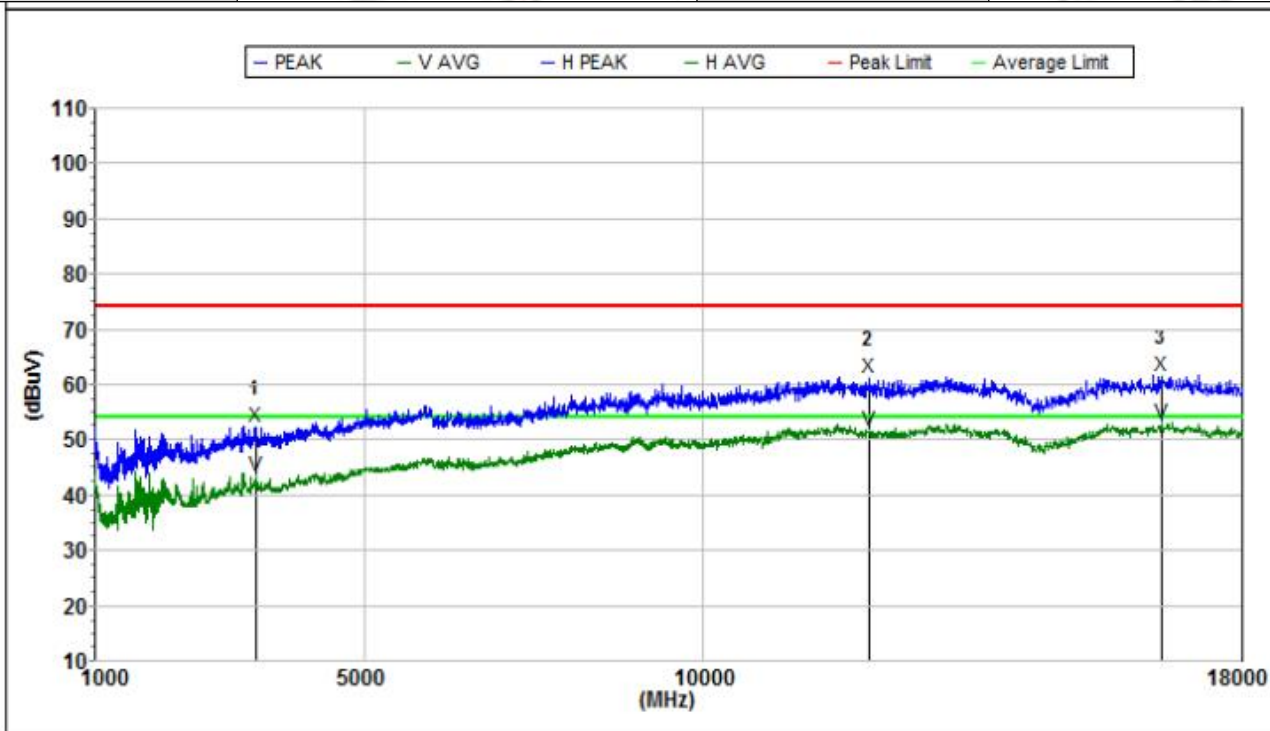
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3375.000	62.5	-11.0	51.5	74.0	22.5	H
2	8412.000	59.3	-0.6	58.7	74.0	15.3	H
3	12480.000	60.0	2.2	62.2	74.0	11.8	H
Avg							
1	3375.000	53.8	-11.0	42.8	54.0	11.2	H
2	8412.000	50.3	-0.6	49.7	54.0	4.3	H
3	12480.000	50.1	2.2	52.3	54.0	1.7	H

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2441MHz	Antenna	Vertical



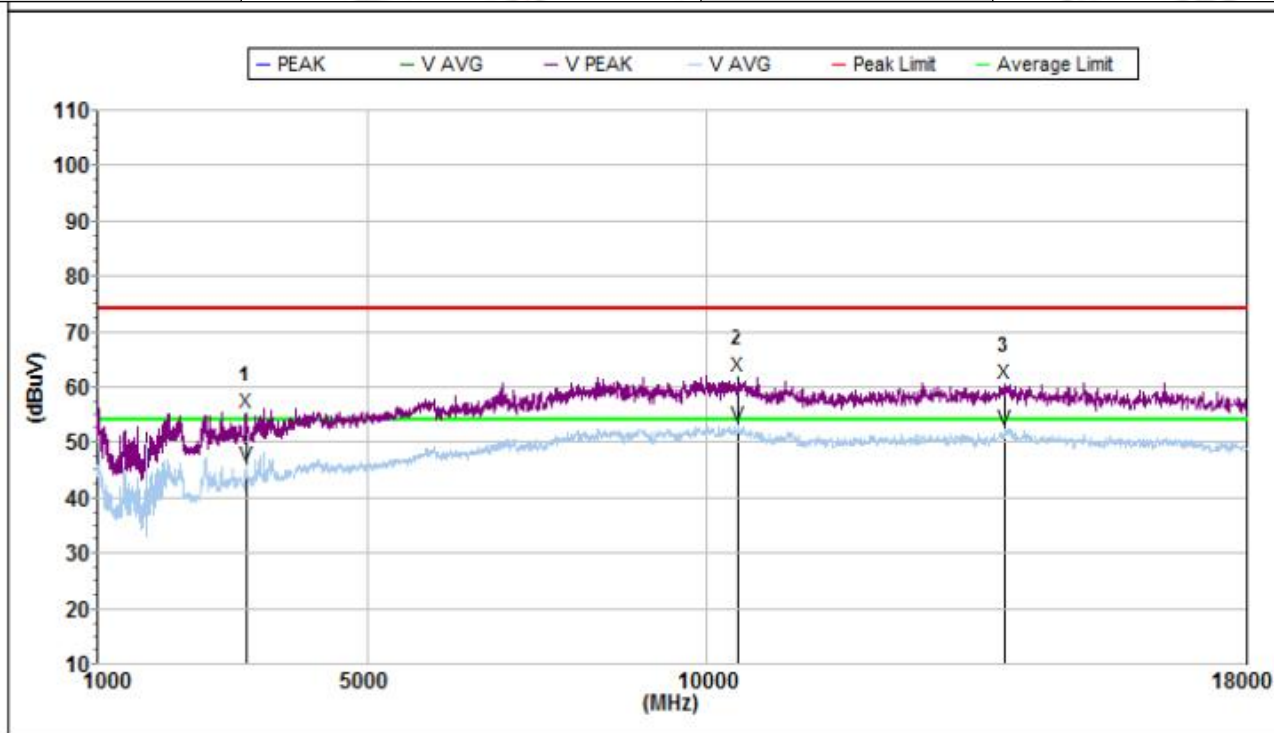
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3580.000	64.5	-8.4	56.1	74.0	17.9	V
2	9096.000	60.6	2.1	62.7	74.0	11.3	V
3	14418.000	58.6	2.4	61.0	74.0	13.0	V
Avg							
1	3580.000	55.1	-8.4	46.7	54.0	7.3	V
2	9096.000	50.7	2.1	52.8	54.0	1.2	V
3	14418.000	49.7	2.4	52.1	54.0	1.9	V

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2480MHz	Antenna	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3392.500	63.5	-11.0	52.5	74.0	21.5	H
2	12474.000	59.2	2.2	61.4	74.0	12.6	H
3	16818.000	57.8	3.9	61.7	74.0	12.3	H
Avg							
1	3392.500	54.7	-11.0	43.7	54.0	10.3	H
2	12474.000	49.7	2.2	51.9	54.0	2.1	H
3	16818.000	49.3	3.9	53.2	54.0	0.8	H

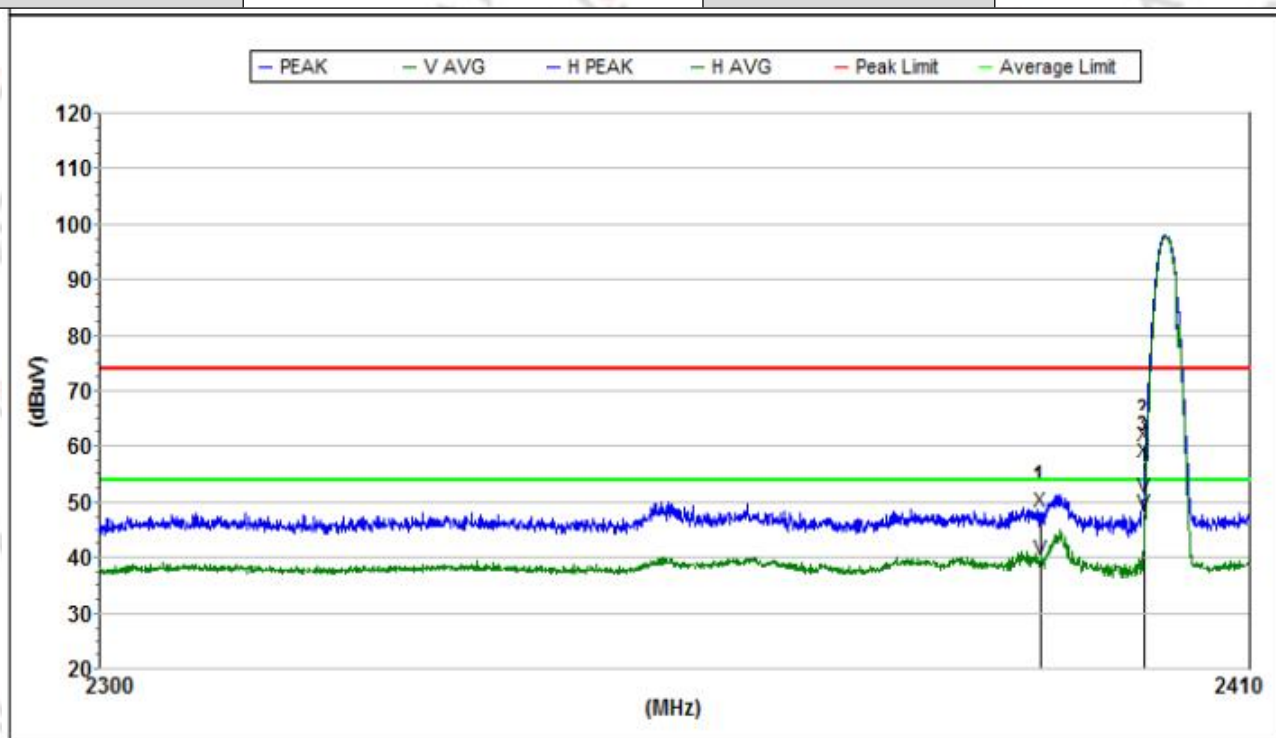
EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2480MHz	Antenna	Vertical



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	3202.500	64.4	-9.0	55.4	74.0	18.6	V
2	10470.000	58.5	3.4	61.9	74.0	12.1	V
3	14430.000	58.2	2.4	60.6	74.0	13.4	V
Avg							
1	3202.500	55.0	-9.0	46.0	54.0	8.0	V
2	10470.000	49.7	3.4	53.1	54.0	0.9	V
3	14430.000	50.1	2.4	52.5	54.0	1.5	V

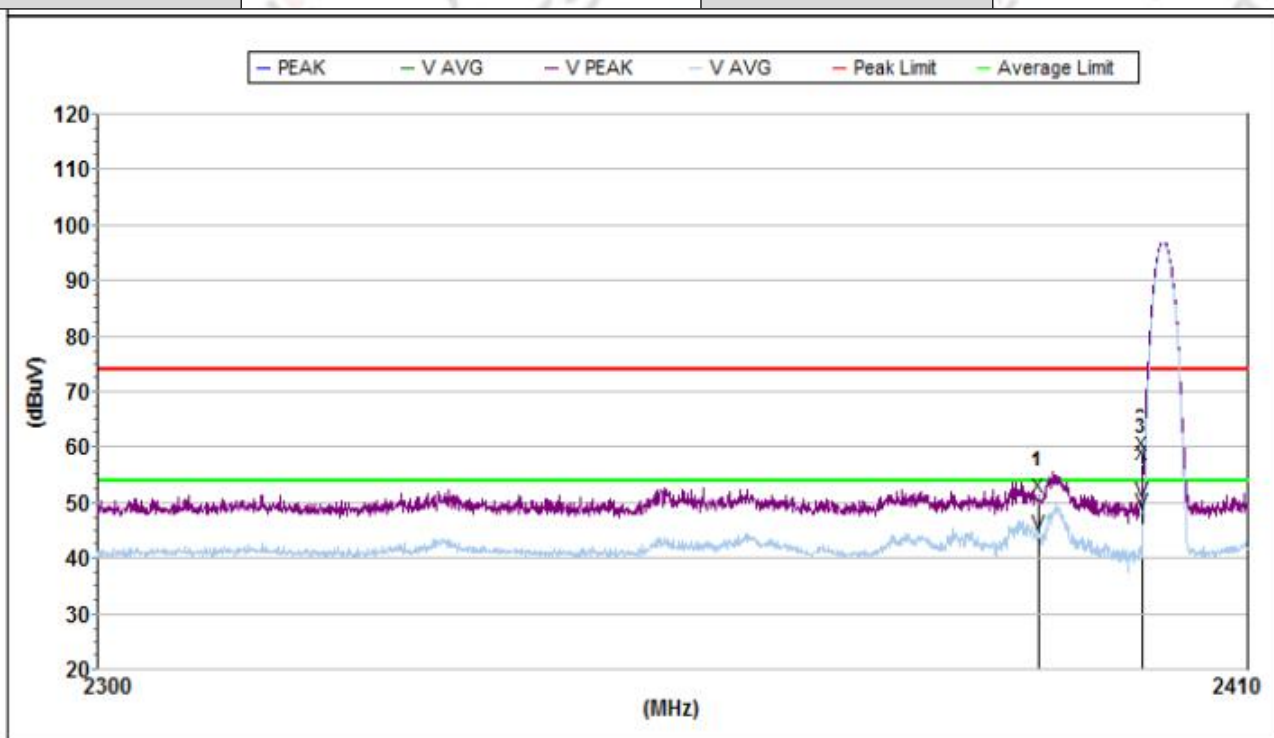
Restricted Band:

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5--2402MHz	Antenna	Horizontal



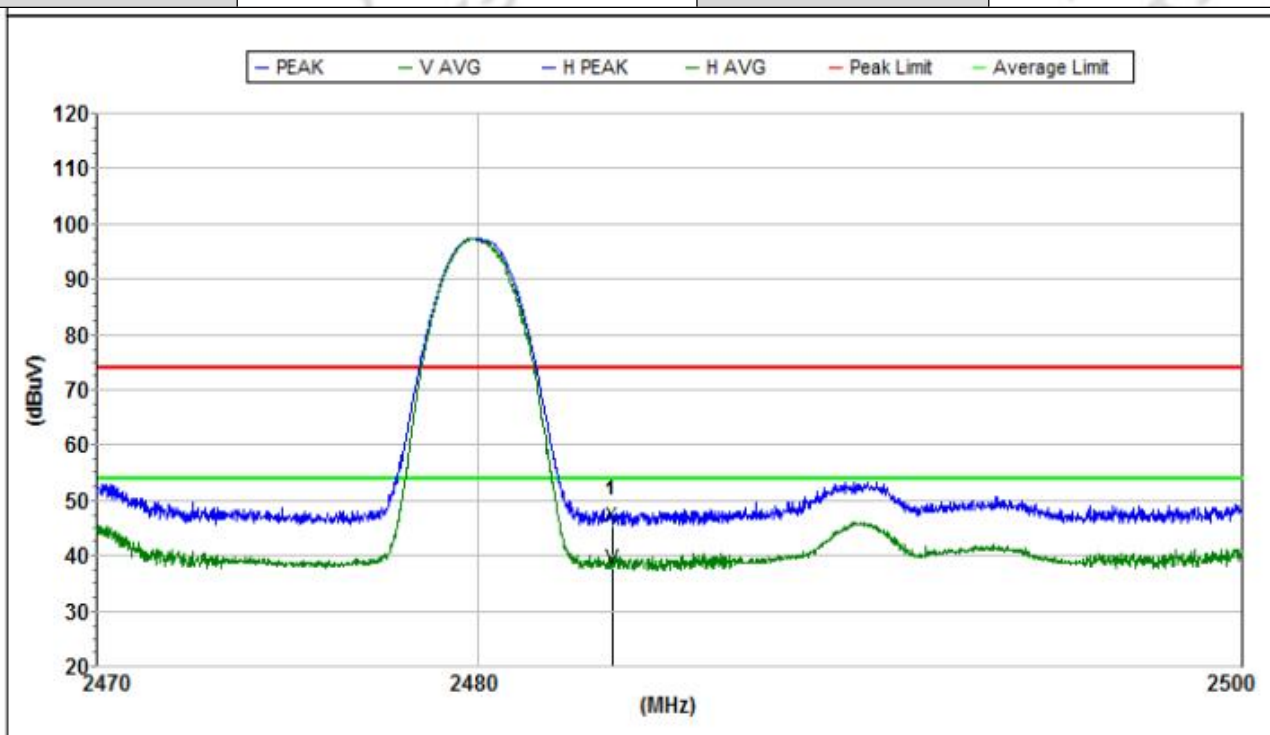
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2390.000	62.6	-14.2	48.4	74.0	25.6	H
2	2400.000	74.3	-14.2	60.1	74.0	13.9	H
3	2400.000	71.3	-14.2	57.1	74.0	16.9	H
Avg							
1	2390.000	54.0	-14.2	39.8	54.0	14.2	H
2	2400.000	65.1	-14.2	50.9	54.0	3.1	H
3	2400.000	62.1	-14.2	47.9	54.0	6.1	H

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Antenna	Vertical



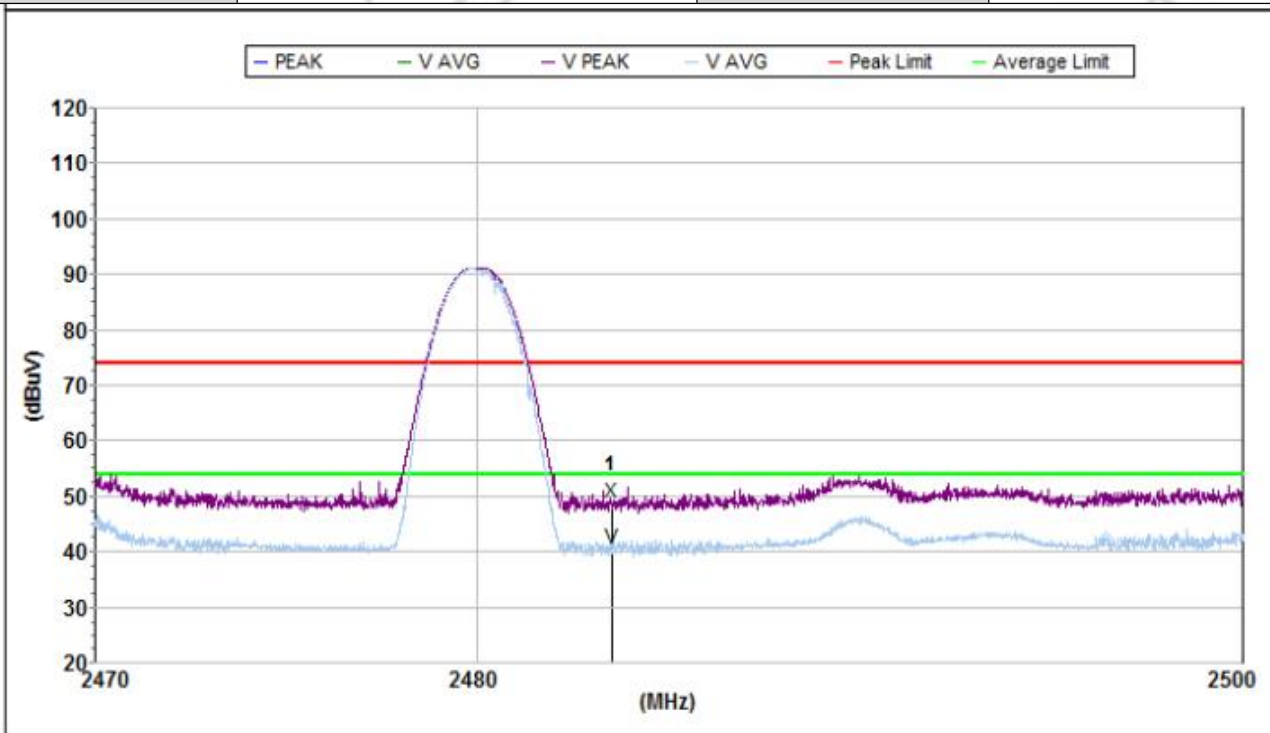
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2390.000	62.3	-11.3	51.0	74.0	23.0	V
2	2400.000	70.0	-11.4	58.6	74.0	15.4	V
3	2400.000	68.1	-11.4	56.7	74.0	17.3	V
Avg							
1	2390.000	55.6	-11.3	44.3	54.0	9.7	V
2	2400.000	61.5	-11.4	50.1	54.0	3.9	V
3	2400.000	59.6	-11.4	48.2	54.0	5.8	V

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5--2480MHz	Antenna	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2483.500	59.7	-14.3	45.4	74.0	28.6	H
Avg							
1	2483.500	52.0	-14.3	37.7	54.0	16.3	H

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2480MHz	Antenna	Vertical



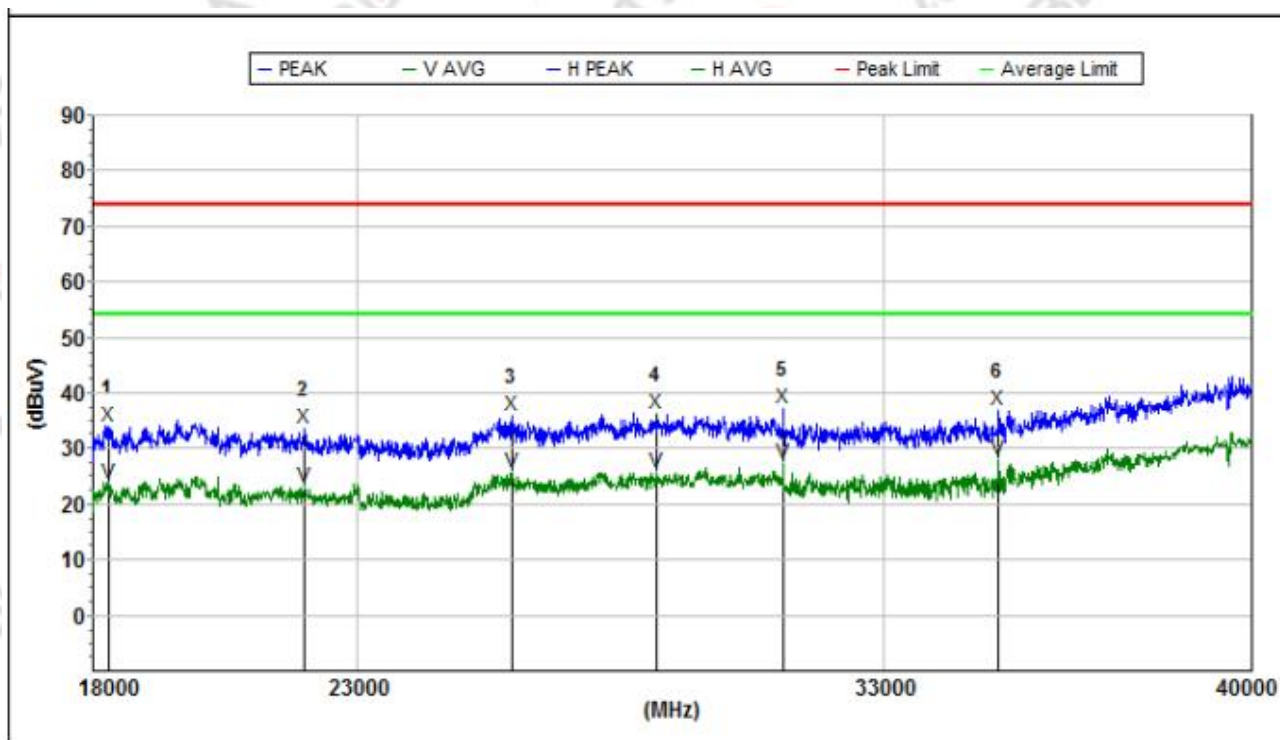
Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	2483.500	60.7	-11.6	49.1	74.0	24.9	V
Avg							
1	2483.500	52.2	-11.6	40.6	54.0	13.4	V

18GHz-40GHz:

Note:

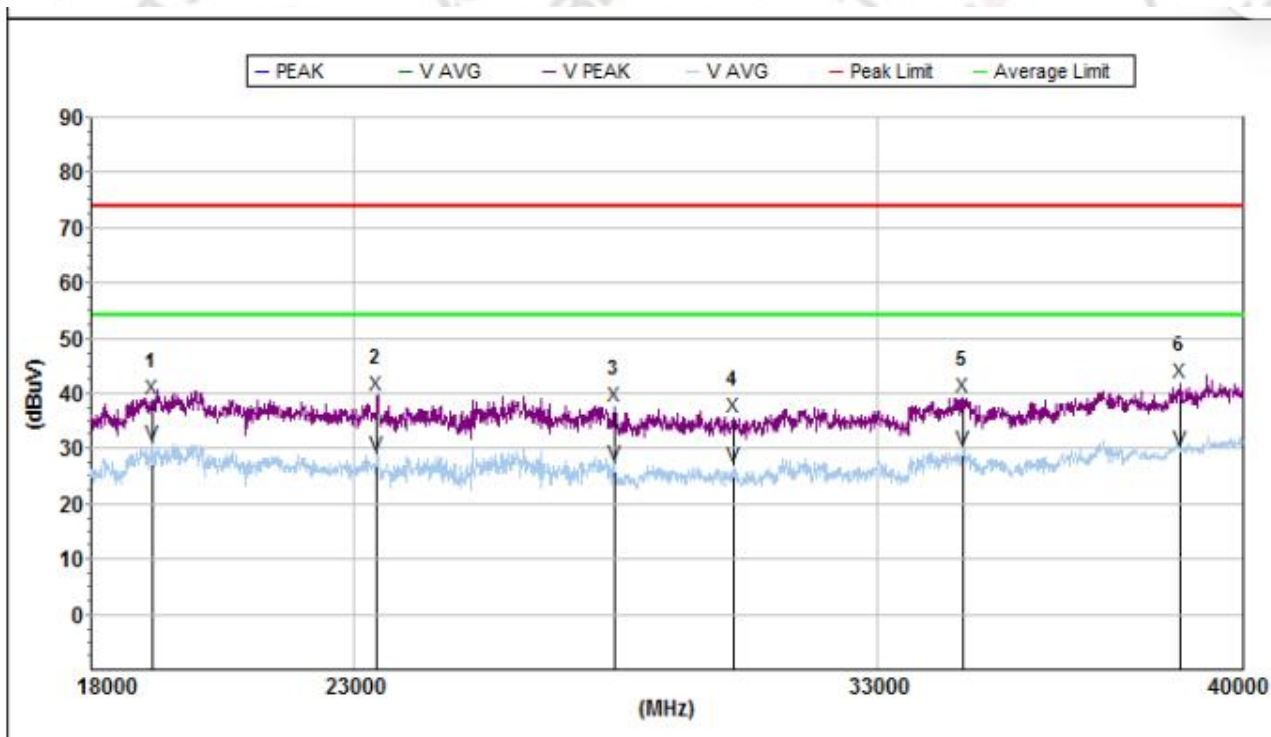
All modes have been tested, only worst (2DH5-2402MHz)mode was recorded in the test report.

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Antenna	Horizontal



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	18286.000	55.9	-21.9	34.0	74.0	40.0	H
2	22026.000	55.3	-21.6	33.7	74.0	40.3	H
3	25964.000	53.5	-17.6	35.9	74.0	38.1	H
4	28714.000	53.1	-16.7	36.4	74.0	37.6	H
5	31112.000	54.4	-17.0	37.4	74.0	36.6	H
6	35193.000	55.5	-18.4	37.1	74.0	36.9	H
Avg							
1	18286.000	45.9	-21.9	24.0	54.0	30.0	H
2	22026.000	44.9	-21.6	23.3	54.0	30.7	H
3	25964.000	43.6	-17.6	26.0	54.0	28.0	H
4	28714.000	42.6	-16.7	25.9	54.0	28.1	H
5	31112.000	44.4	-17.0	27.4	54.0	26.6	H
6	35193.000	46.4	-18.4	28.0	54.0	26.0	H

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Antenna	Vertical



Mk.	Freq.(MHz)	Reading(dBuV/m)	Factor(dB)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Pol.
Peak:							
1	19155.000	55.8	-16.7	39.1	74.0	34.9	V
2	23445.000	56.3	-16.5	39.8	74.0	34.2	V
3	27999.000	54.8	-17.0	37.8	74.0	36.2	V
4	30276.000	52.8	-17.0	35.8	74.0	38.2	V
5	34643.000	57.7	-18.4	39.3	74.0	34.7	V
6	38812.000	57.5	-15.6	41.9	74.0	32.1	V
Avg							
1	19155.000	47.6	-16.7	30.9	54.0	23.1	V
2	23445.000	45.3	-16.5	28.8	54.0	25.2	V
3	27999.000	44.3	-17.0	27.3	54.0	26.7	V
4	30276.000	43.8	-17.0	26.8	54.0	27.2	V
5	34643.000	48.2	-18.4	29.8	54.0	24.2	V
6	38812.000	45.5	-15.6	29.9	54.0	24.1	V

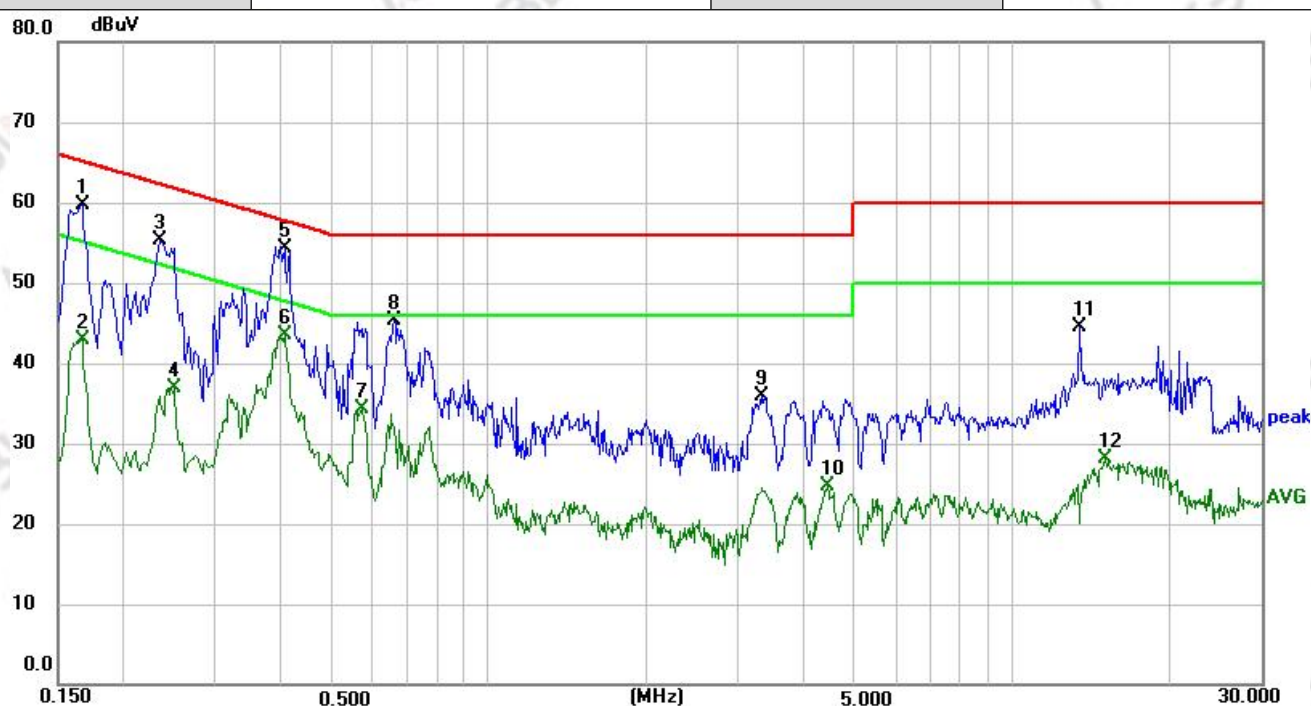
2.AC Power-Line Conducted Emission

Test Result

Note:

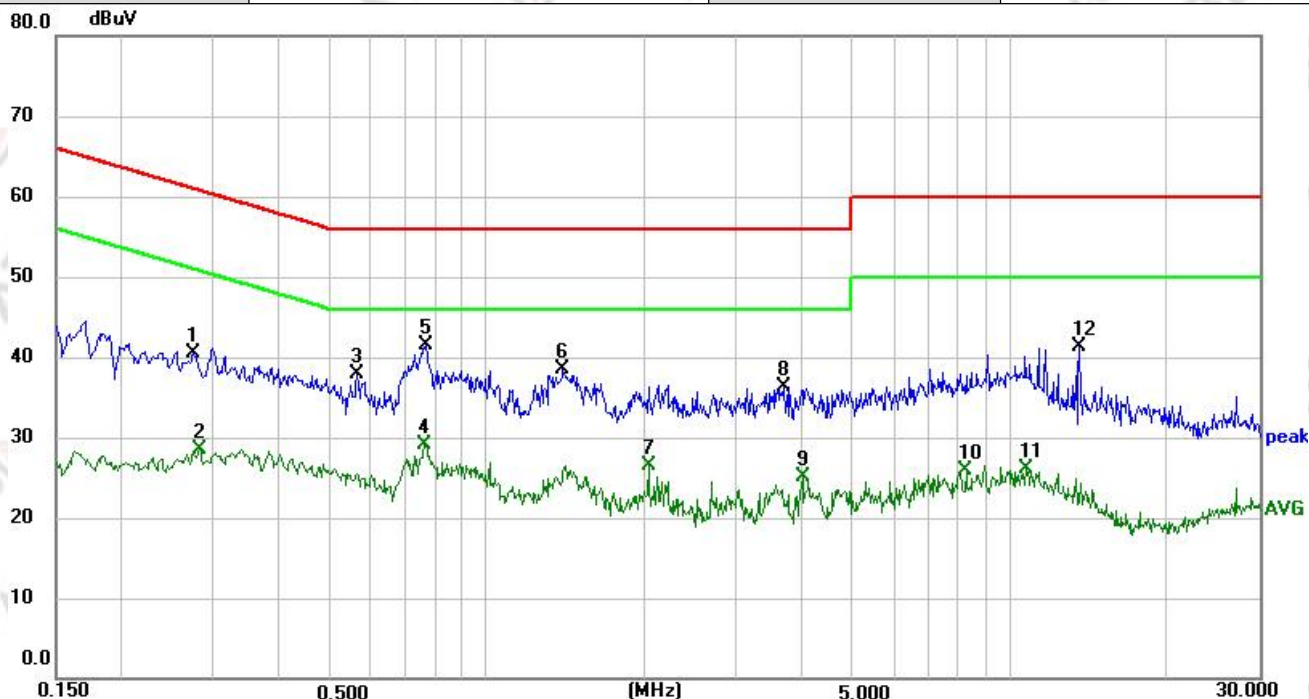
- 1.All modes have been tested, only worst mode(2DH5-2402MHz) was recorded in the test report.
- 2.Emission Level = Reading Value + Correction Factor .
3. Correction Factor = Insertion loss + Cable loss.
4. The emission levels of other frequencies were less than 20dB margin against the limit.
5. Margin value = Emission level-Limit value.

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Phase	L1



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1660	39.90	19.74	59.64	65.16	-5.52	peak	P	
2	0.1660	23.08	19.74	42.82	55.16	-12.34	AVG	P	
3	0.2340	35.52	19.73	55.25	62.31	-7.06	peak	P	
4	0.2494	17.14	19.74	36.88	51.78	-14.90	AVG	P	
5 *	0.4060	34.54	19.82	54.36	57.73	-3.37	peak	P	
6	0.4060	23.62	19.82	43.44	47.73	-4.29	AVG	P	
7	0.5700	14.39	19.89	34.28	46.00	-11.72	AVG	P	
8	0.6580	25.29	19.93	45.22	56.00	-10.78	peak	P	
9	3.3180	15.74	20.25	35.99	56.00	-20.01	peak	P	
10	4.4540	4.37	20.34	24.71	46.00	-21.29	AVG	P	
11	13.4380	22.91	21.59	44.50	60.00	-15.50	peak	P	
12	15.1100	6.10	22.07	28.17	50.00	-21.83	AVG	P	

EUT	Smart Phone	Model Name	Blade30 Pro
Test Mode	2DH5-2402MHz	Phase	N



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.2740	20.49	19.92	40.41	61.00	-20.59	peak	P	
2	0.2819	8.54	19.91	28.45	50.76	-22.31	AVG	P	
3	0.5660	18.22	19.62	37.84	56.00	-18.16	peak	P	
4	0.7620	9.42	19.75	29.17	46.00	-16.83	AVG	P	
5 *	0.7660	21.69	19.75	41.44	56.00	-14.56	peak	P	
6	1.4020	18.62	19.88	38.50	56.00	-17.50	peak	P	
7	2.0340	6.49	20.07	26.56	46.00	-19.44	AVG	P	
8	3.7060	16.20	20.08	36.28	56.00	-19.72	peak	P	
9	4.0100	4.93	20.09	25.02	46.00	-20.98	AVG	P	
10	8.2739	5.27	20.58	25.85	50.00	-24.15	AVG	P	
11	10.7340	5.19	20.92	26.11	50.00	-23.89	AVG	P	
12	13.5940	20.07	21.33	41.40	60.00	-18.60	peak	P	