OOB Emissions

The Base Band Board uses 120MHz and 240MHz digital clocks. The emissions labeled #1, #4, #5, and #11 could be attributed to 9th, 11th, 13th, and 15th harmonics of 120MHz digital clock. The emission labeled #3 would be attributed to 5th harmonics of 240MHz digital clock or 10th harmonics of 120MHz digital clock. The other emissions labeled #2, #6, #7, #8, #9, and #10 are additional spurious emission that are under the limit line.

USB Mode

This plot is a close up of the plot in Section 6.2.2 in the report, named USB Mode from 960MHz to 18000MHz, from 960 MHz to 2000MHz



Frequency and field strength of emissions from 960MHz to 2000MHz in USB Mode, The bold letter is for emission exceeds the limit.

peak	frequency(MHz)	emission level(dBm),	emission level(dBm),	1m limit
-		Н	V	level(dBm)
1	1080	-62.2	-62.6	-65.8
2	1100	-67.7	-68.0	-65.8
3	1200	-66.8	-67.5	-65.8
4	1320	-65.3	-65.0	-65.8
5	1560	-66.7	-66.6	-65.8
6	1602	-66.2	-66.7	-65.8
7	1638	-65.3	-66.3	-43.8
8	1722	-66.6	-65.9	-43.8
9	1740	-65.3	-65.0	-43.8
10	1758	-65.8	-65.9	-43.8
11	1800	-64.2	-64.3	-43.8

Video Mode

This plot is a close up of the plot in Section 6.2.2 in the report, named Video Mode from 960MHz to 18000MHz, from 960 MHz to 2000MHz



Frequency and field strength of emissions from 960MHz to 2000MHz in Video Mode, The bold letter is for emission exceeds the limit.

peak	frequency(MHz)	emission level(dBm),	emission level(dBm),	1m limit
		Н	V	level(dBm)
1	1080	-65.6	-66.5	-65.8
2	1100	-68.6	-68.3	-65.8
3	1200	-68.1	-68.2	-65.8
4	1320	-63.5	-65.2	-65.8
5	1560	-67.4	-67.3	-65.8
6	1602	-67.5	-66.6	-65.8
7	1638	-66.0	-65.9	-43.8
8	1722	-66.4	-66.1	-43.8
9	1740	-60.4	-66.0	-43.8
10	1758	-66.2	-65.8	-43.8
11	1800	-65.3	-63.6	-43.8