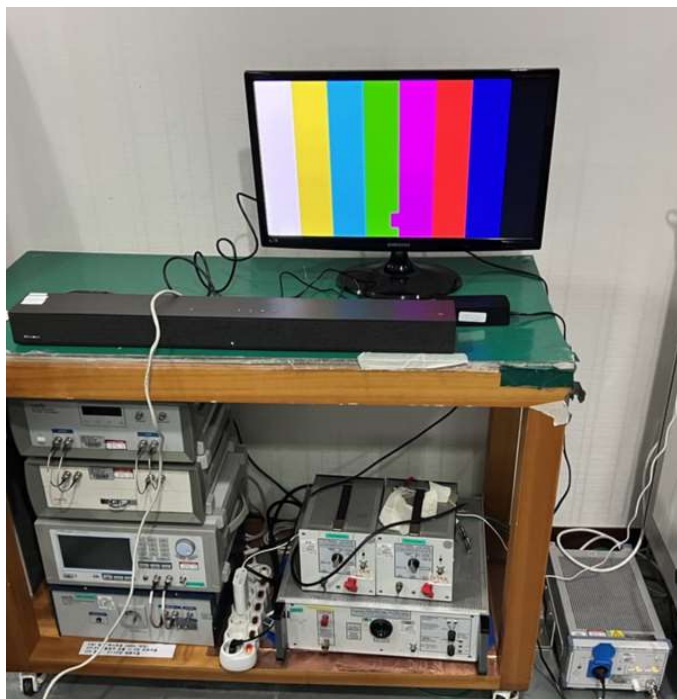


BFX-UA300 2nd Source 2nd build Sample Conduction Test Result

2022. 06. 23

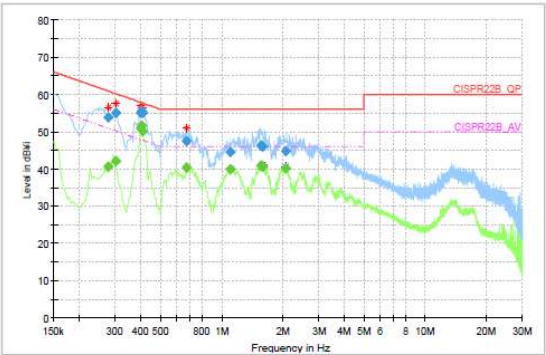


Conduction Test Result
(Adaptor CE fail Sample)

Test Report

Hardware Setup: EMI conducted\CISPR 22_CE - [EMI conducted]

Subrange 1
Frequency Range: 150 kHz - 30 MHz
Receiver: ESIB 40 [ESIB 40]
@ GPIB0 (ADR 20), SN 831564/005, FW 4.34.4
Signal Path: ESIB 40-ENV216
LISN: ENV216
Correction Table (Line 0): ENV216_N
Correction Table (Line 1): ENV216_L



Final Result

Frequency (MHz)	QuasiPeak (dBm V)	CAverage (dBm V)	Limit (dBm V)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.278000	---	40.54	50.88	10.33	1000.0	9.000	L1	OFF	9.5
0.278000	53.81	---	60.88	7.06	1000.0	9.000	L1	OFF	9.5
0.302000	---	42.12	50.19	8.06	1000.0	9.000	L1	OFF	9.5
0.302000	55.04	---	60.19	5.15	1000.0	9.000	L1	OFF	9.5
0.402000	---	50.98	47.81	-3.17	1000.0	9.000	L1	OFF	9.5
0.402000	54.96	---	57.81	2.85	1000.0	9.000	L1	OFF	9.5
0.406000	---	51.55	47.73	-3.82	1000.0	9.000	L1	OFF	9.5
0.406000	55.55	---	57.73	2.18	1000.0	9.000	L1	OFF	9.5
0.410000	---	50.22	47.55	-2.67	1000.0	9.000	L1	OFF	9.5
0.410000	54.93	---	57.55	2.72	1000.0	9.000	L1	OFF	9.5
0.674000	---	40.29	46.00	5.71	1000.0	9.000	L1	OFF	9.5

6/23/2022

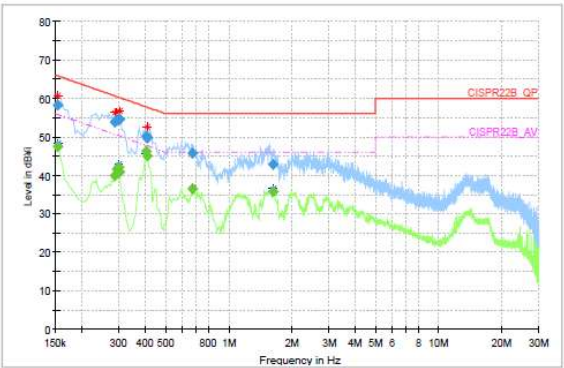
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Adaptor CE fail Sample

Test Report

Hardware Setup: EMI conducted\CISPR 22_CE - [EMI conducted]

Subrange 1
Frequency Range: 150 kHz - 30 MHz
Receiver: ESIB 40 [ESIB 40]
@ GPIB0 (ADR 20), SN 831564/005, FW 4.34.4
Signal Path: ESIB 40-ENV216
LISN: ENV216
Correction Table (Line 0): ENV216_N
Correction Table (Line 1): ENV216_L



Final Result

Frequency (MHz)	QuasiPeak (dBm V)	CAverage (dBm V)	Limit (dBm V)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.154000	---	47.47	55.78	8.31	1000.0	9.000	L1	OFF	9.5
0.154000	58.22	---	65.78	7.56	1000.0	9.000	L1	OFF	9.5
0.286000	---	39.93	50.64	10.71	1000.0	9.000	L1	OFF	9.5
0.286000	53.89	---	60.64	6.75	1000.0	9.000	L1	OFF	9.5
0.294000	---	41.68	50.41	8.73	1000.0	9.000	L1	OFF	9.5
0.294000	54.38	---	60.41	6.03	1000.0	9.000	L1	OFF	9.5
0.298000	---	42.18	50.30	8.12	1000.0	9.000	L1	OFF	9.5
0.298000	54.49	---	60.30	5.81	1000.0	9.000	L1	OFF	9.5
0.302000	---	40.85	50.19	9.34	1000.0	9.000	L1	OFF	9.5
0.302000	54.63	---	60.19	5.56	1000.0	9.000	L1	OFF	9.5
0.406000	---	46.27	47.73	1.46	1000.0	9.000	L1	OFF	9.5

6/23/2022

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Replace line filter on Adaptor CE fail Sample

Conclusion

		Test Result
The 2nd build sample of 2nd source	Adaptor CE fail Sample	LINE : 0.406MHz, over 3.01dB (AV)
	Replace line filter on Adaptor CE fail Sample	Pass

→ 8D report request from adapter vendor