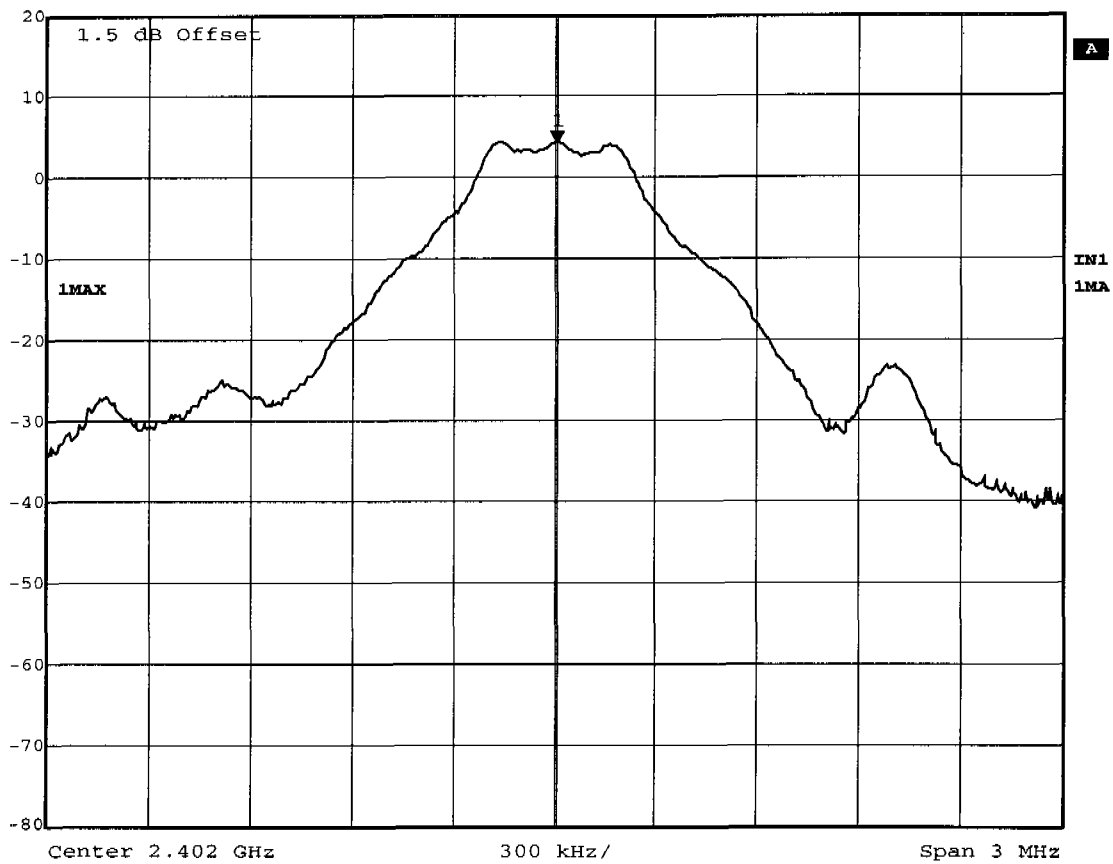


Appendix B

Peak Output Power



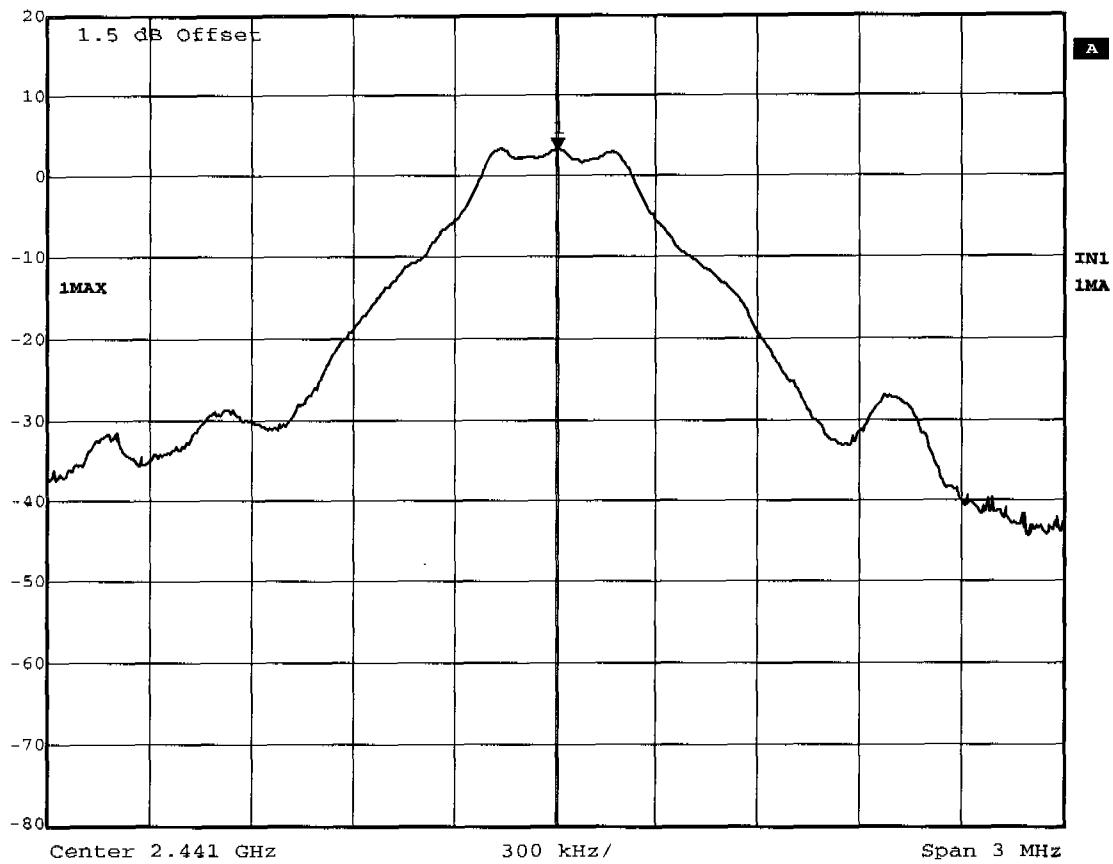
Marker 1 [T1]	RBW	100 kHz	RF Att	40 dB
Ref Lvl	4.05 dBm	VBW	300 kHz	
20 dBm	2.40200902 GHz	SWT	5 ms	Unit dBm



Title: LOW CHANNEL MAX POWER
Date: 12.APR.2004 19:28:39



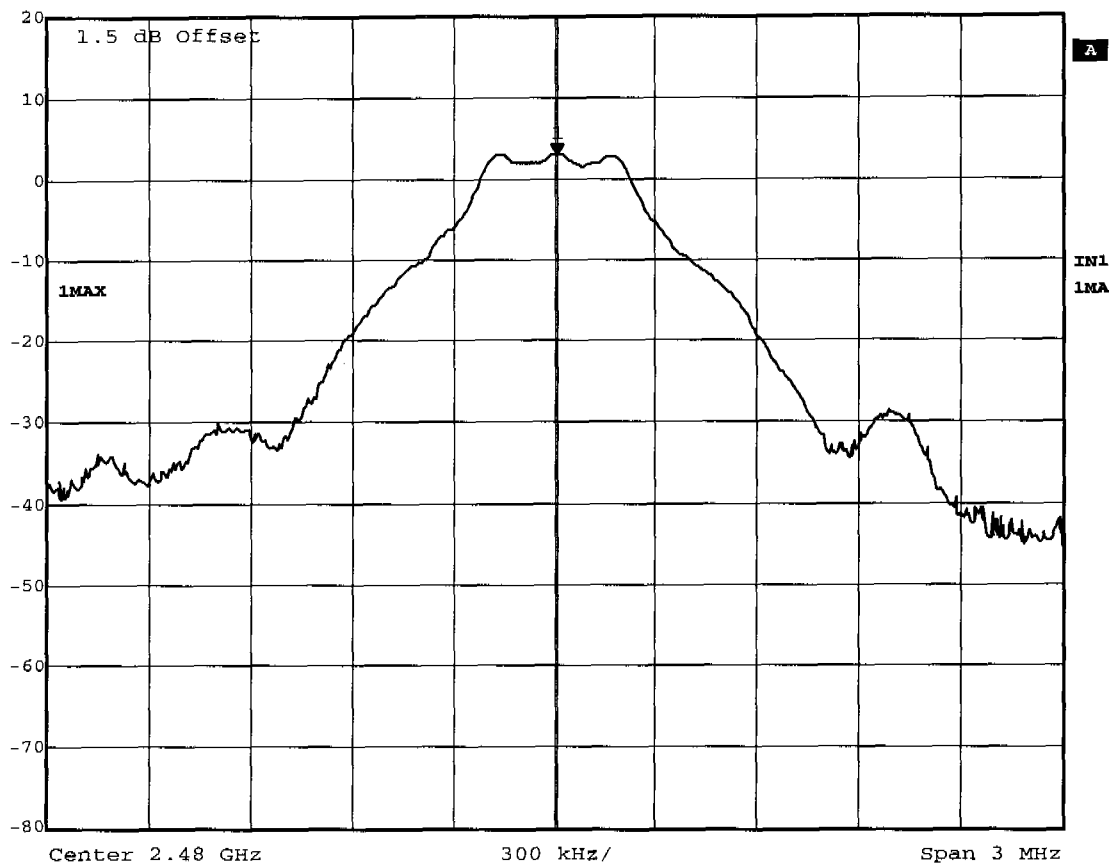
Marker 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 3.03 dBm VBW 300 kHz
20 dBm 2.44100902 GHz SWT 5 ms Unit dBm



Title: MIDDLE CHANNEL MAX POWER
Date: 12.APR.2004 19:27:38



Marker 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 2.95 dBm VBW 300 kHz
20 dBm 2.48000902 GHz SWT 5 ms Unit dBm

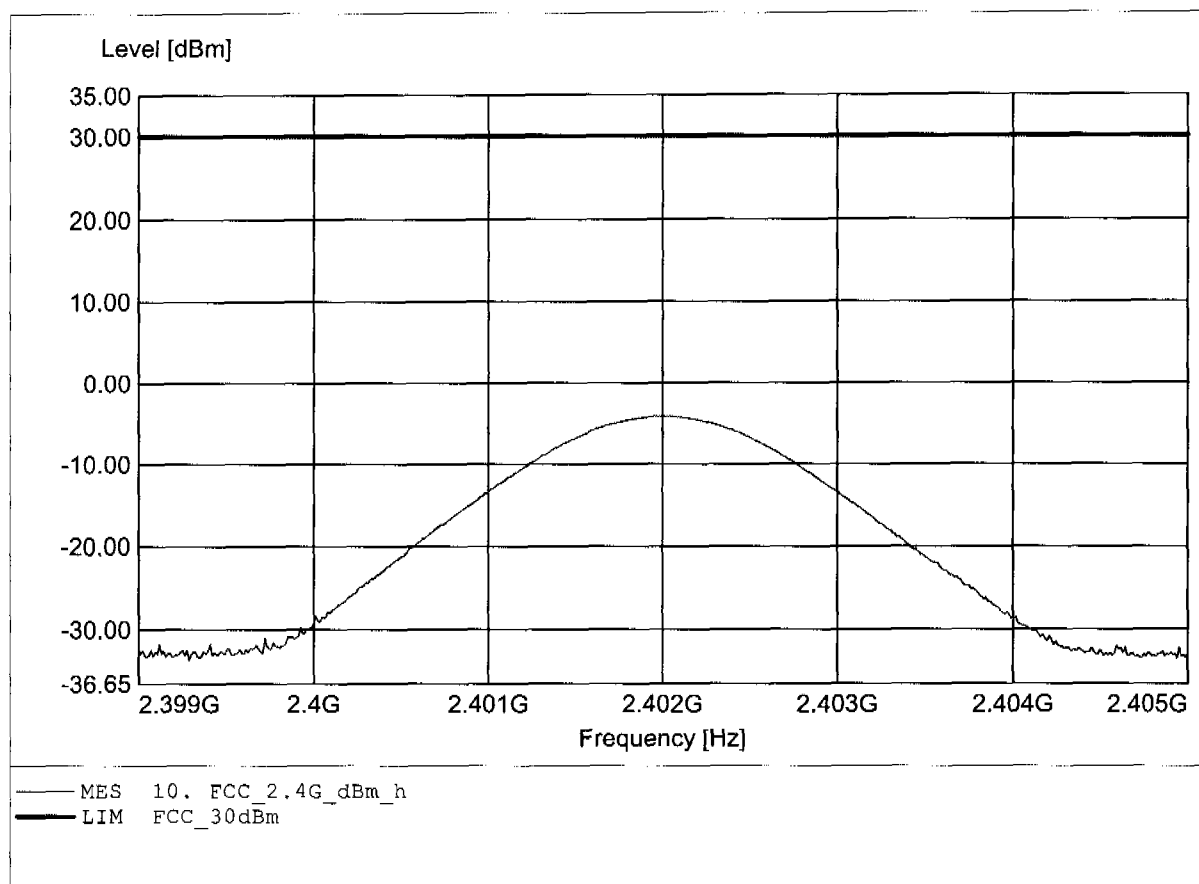


Title: HIGH CHANNEL MAX POWER
Date: 12.APR.2004 19:29:19

Carrier power (dBm)

FCC RULES PART 15, SUBPART C

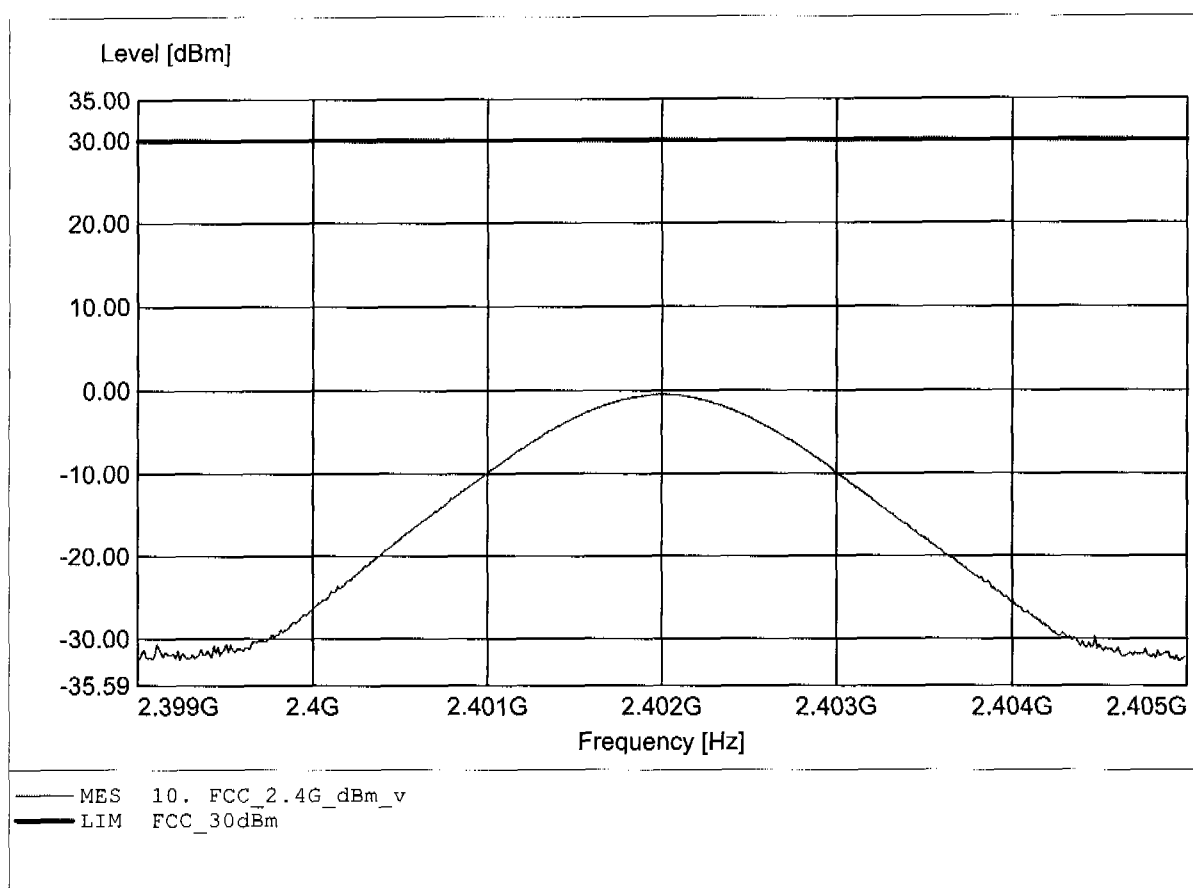
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.402GHz, Pmax: -4.09dBm, RBW: 1MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

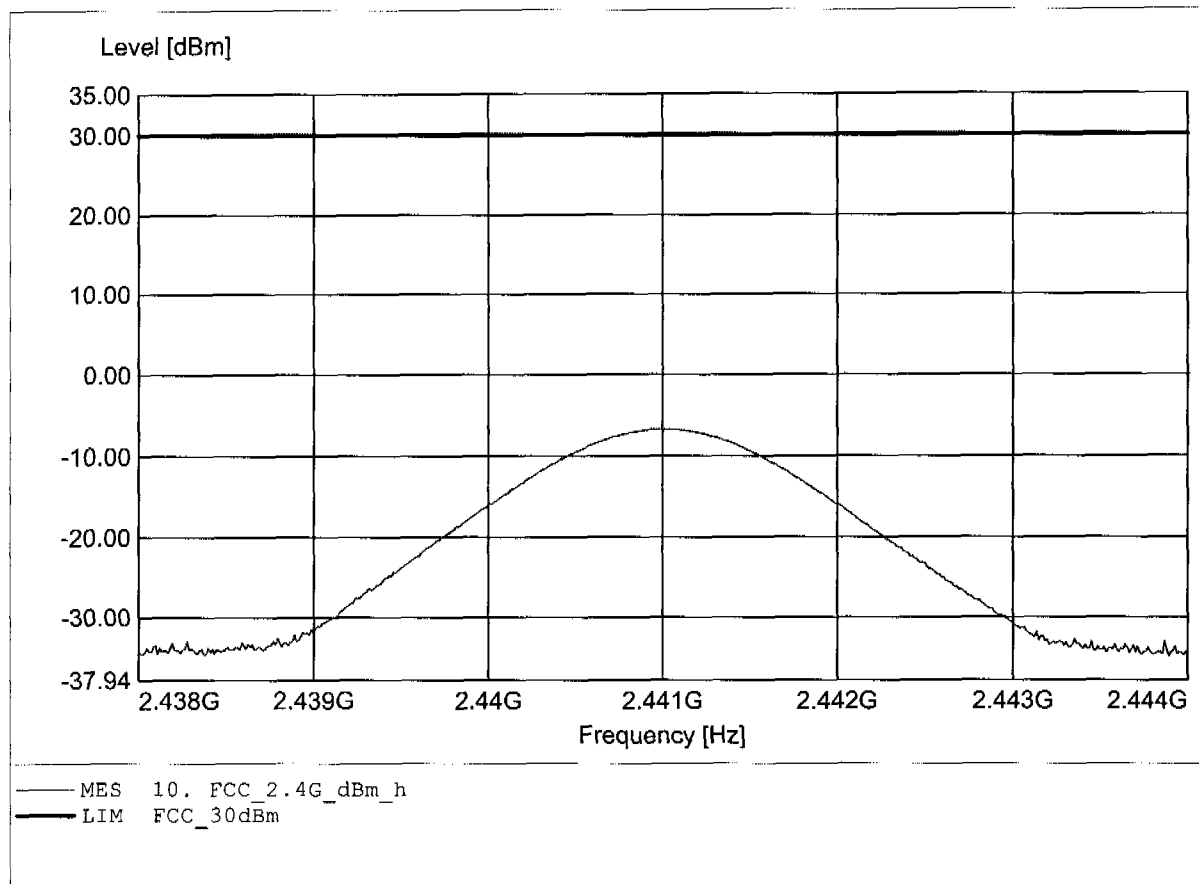
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.402GHz, Pmax: -0.47dBm, RBW: 1MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

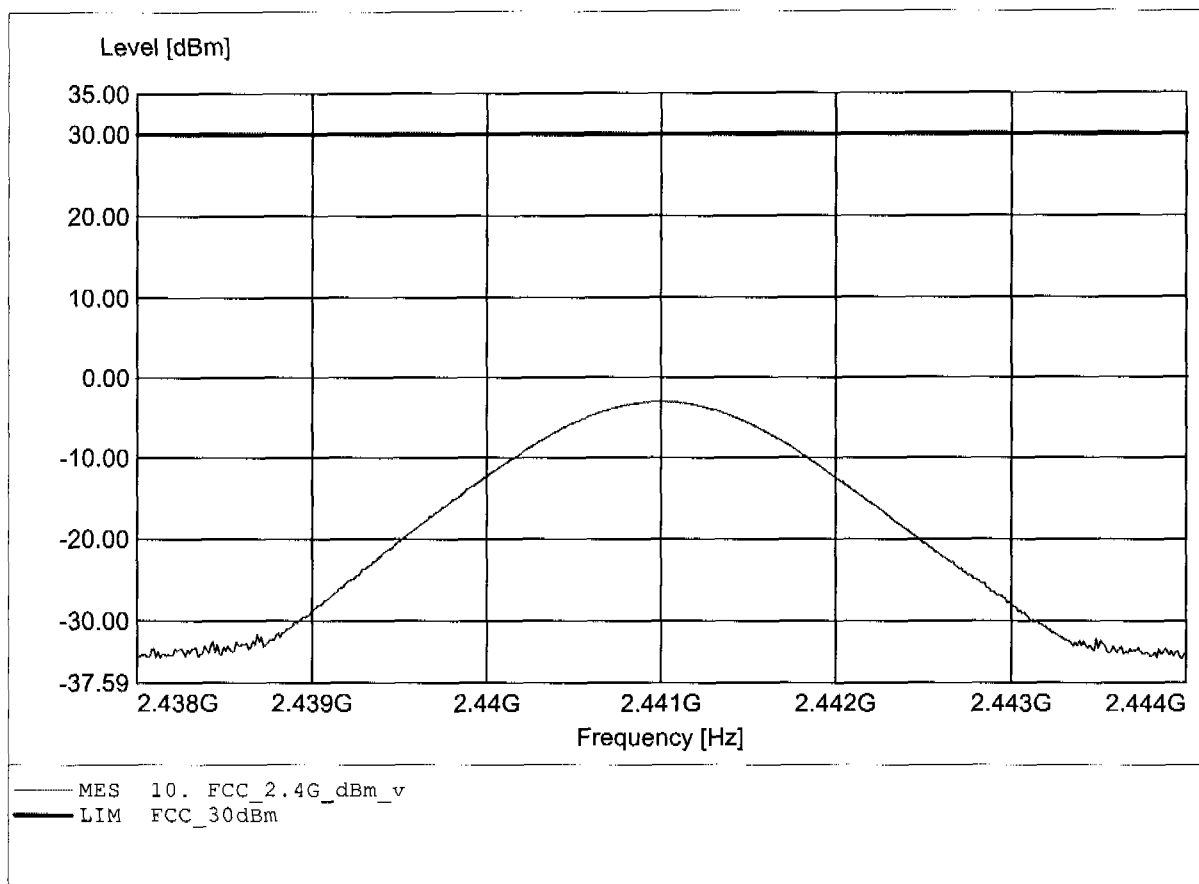
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.441GHz, Pmax: -6.71dBm, RBW: 1MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

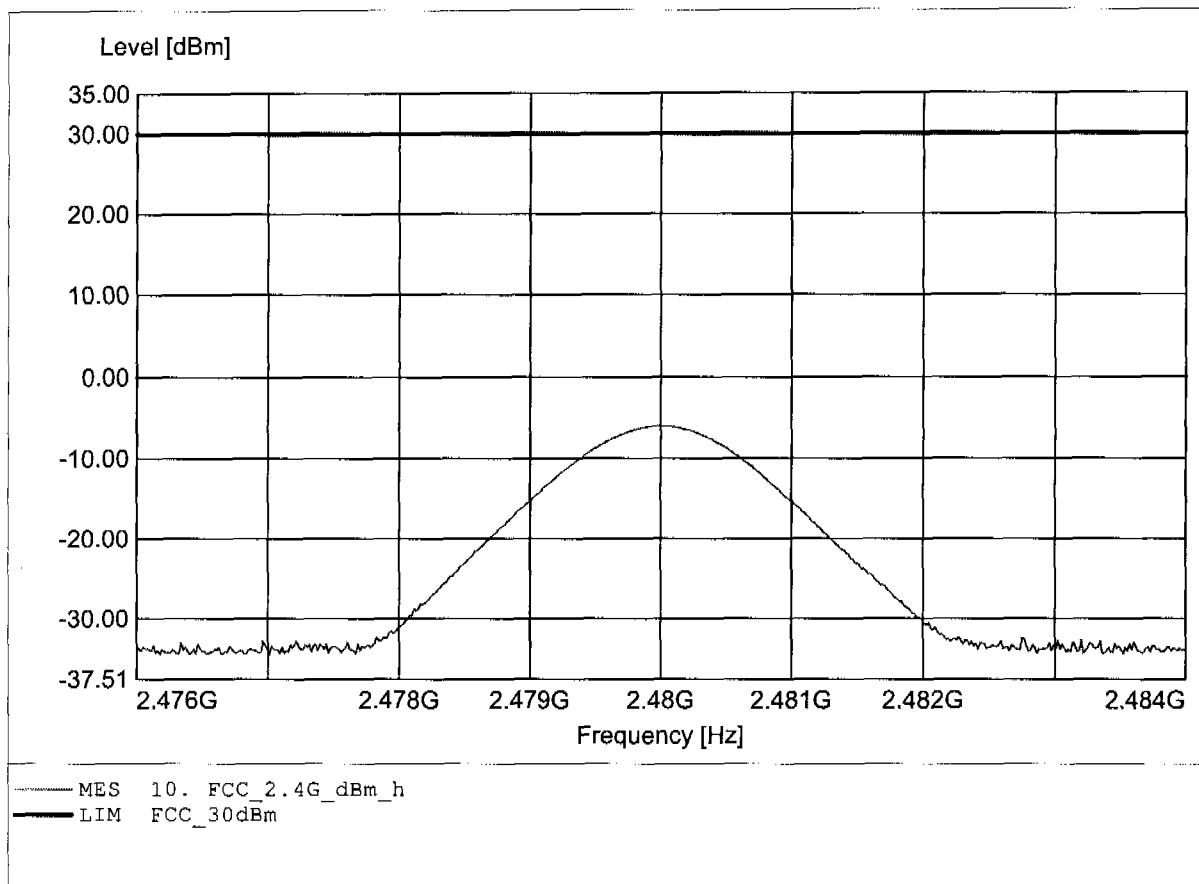
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.441GHz, Pmax: -2.98dBm, RBW: 1MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

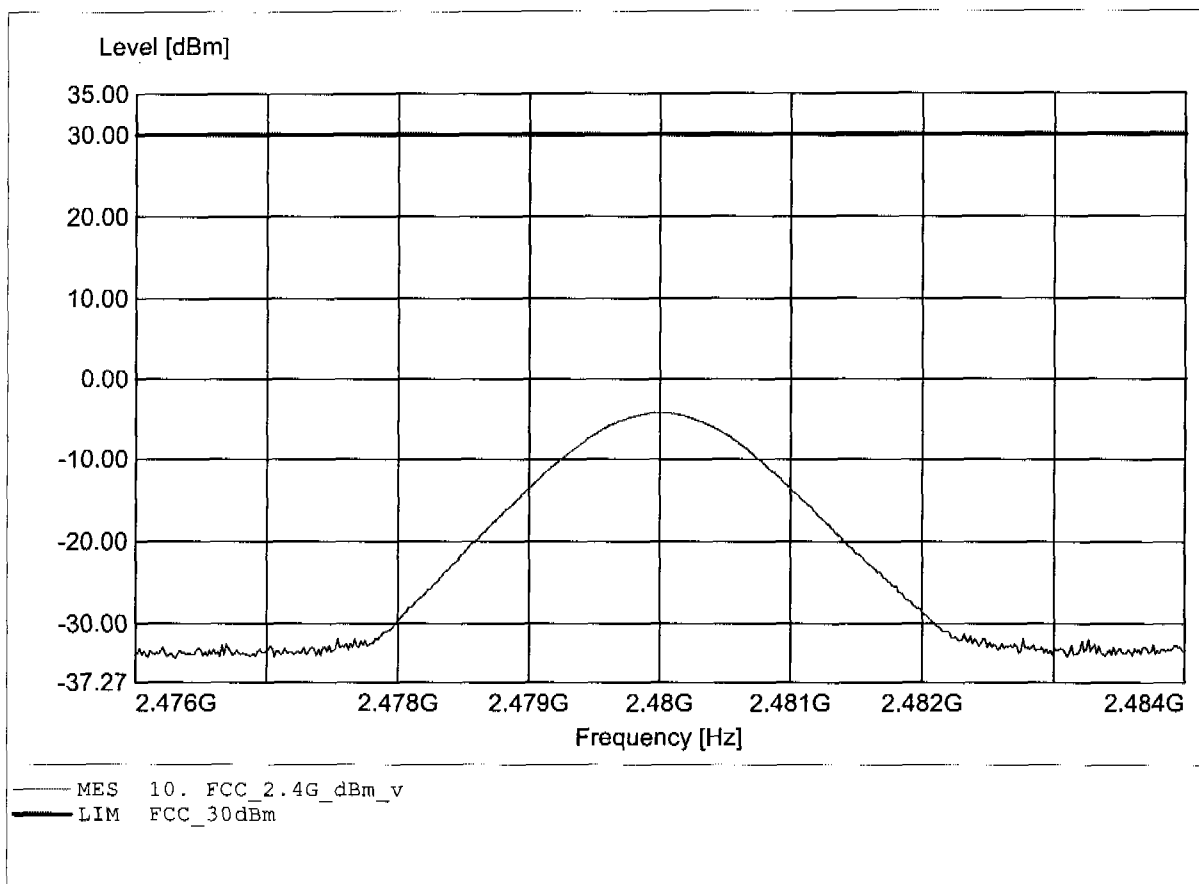
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.480GHz, Pmax: -6.01dBm, RBW: 1MHz



Carrier power (dBm)

FCC RULES PART 15, SUBPART C

EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.480GHz, Pmax: -4.24dBm, RBW: 1MHz



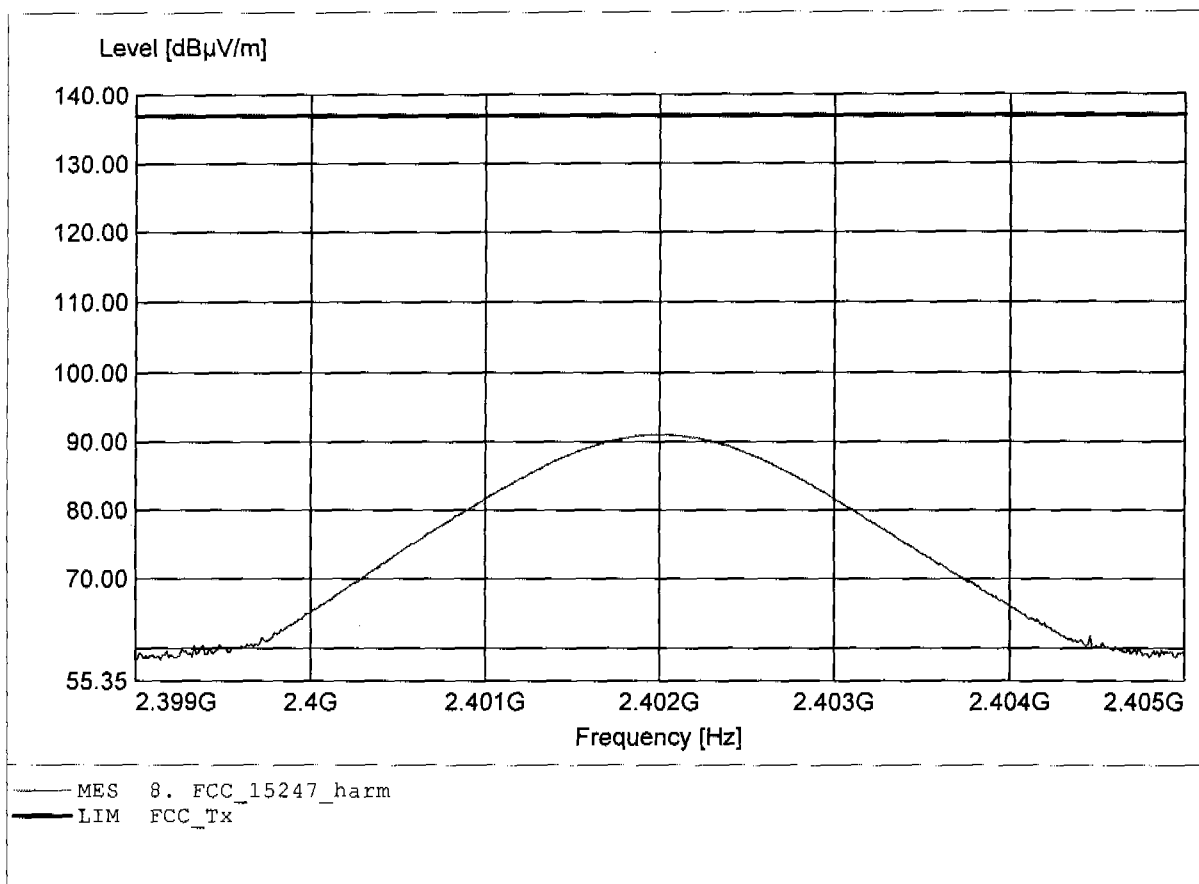
Appendix C

Spurious Emissions radiated - Transmitter operating

Carrier power (Field Strength)

FCC RULES PART 15, SUBPART C

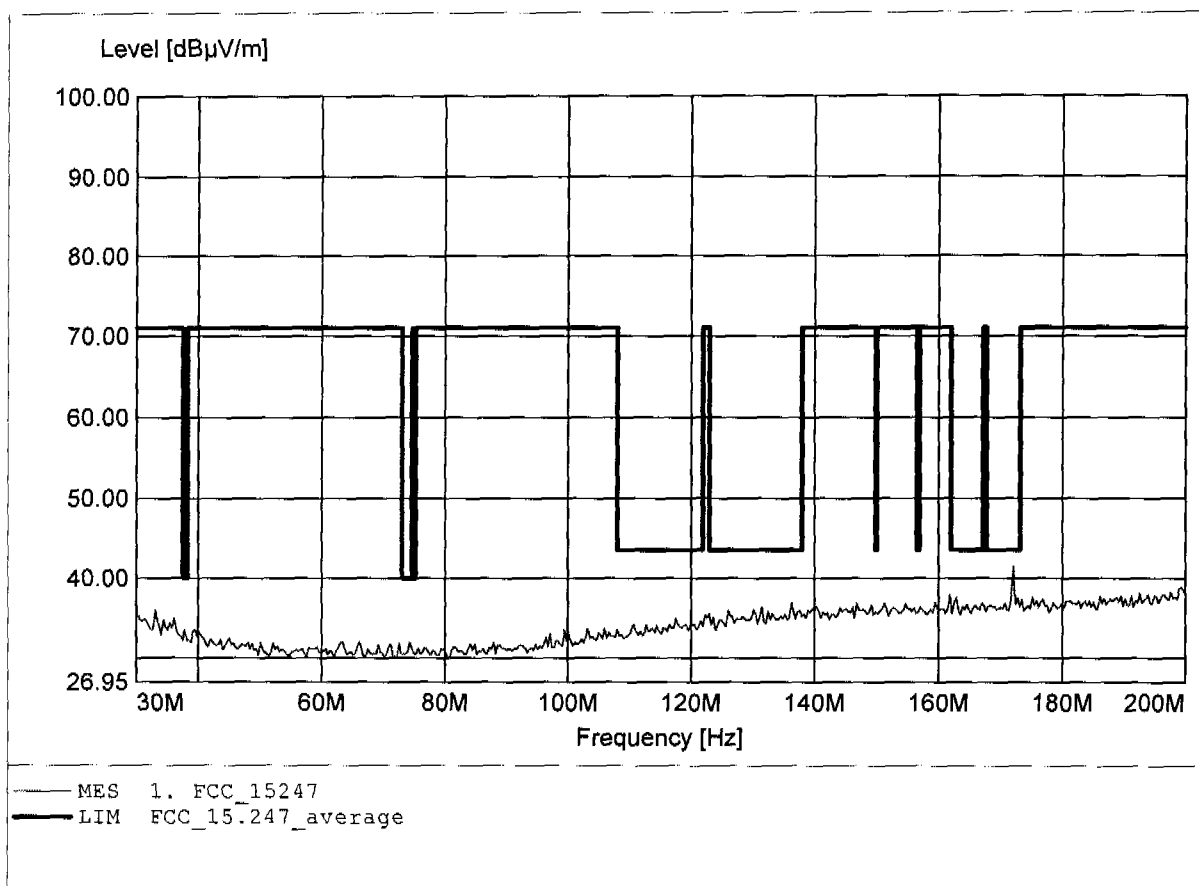
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12 VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL025
Freq: 2.402GHz, Emax: 91.04dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

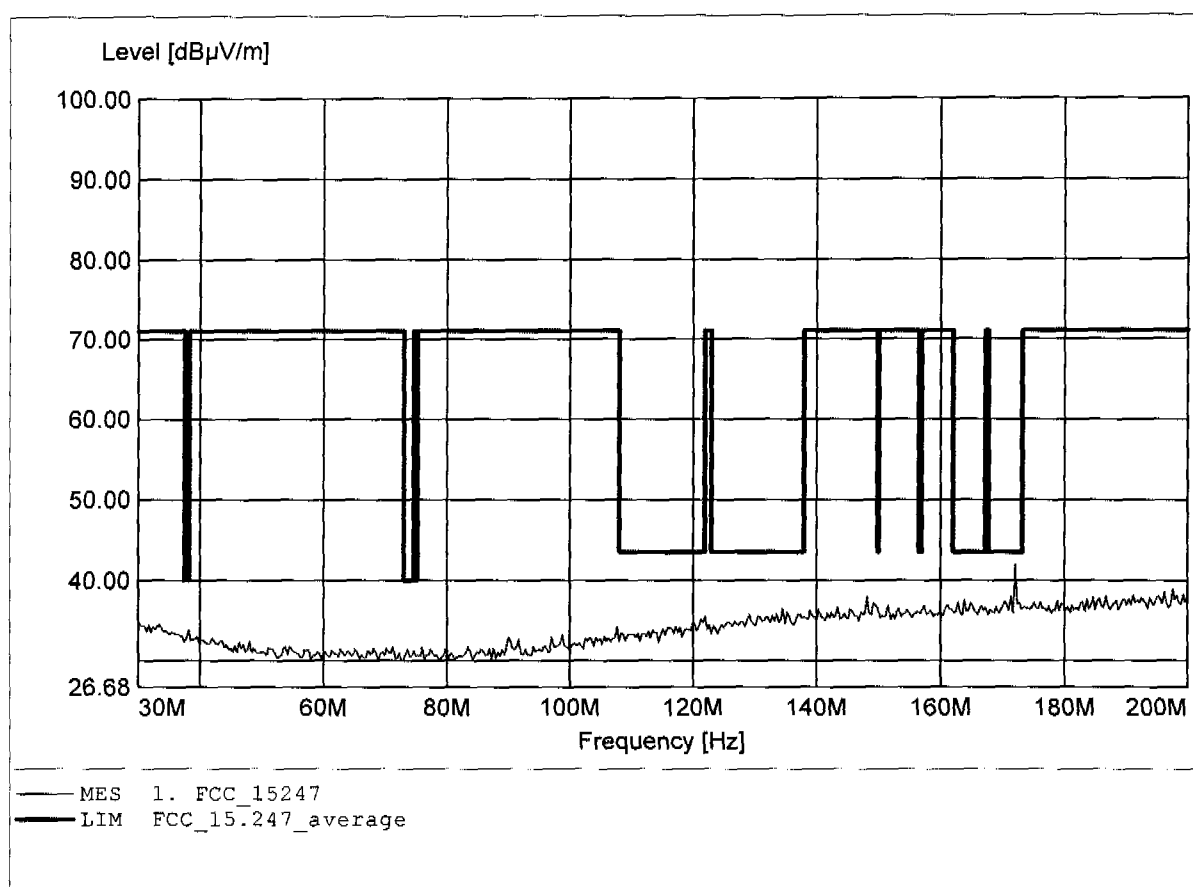
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J -Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 172.064MHz, Emax: 41.48dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

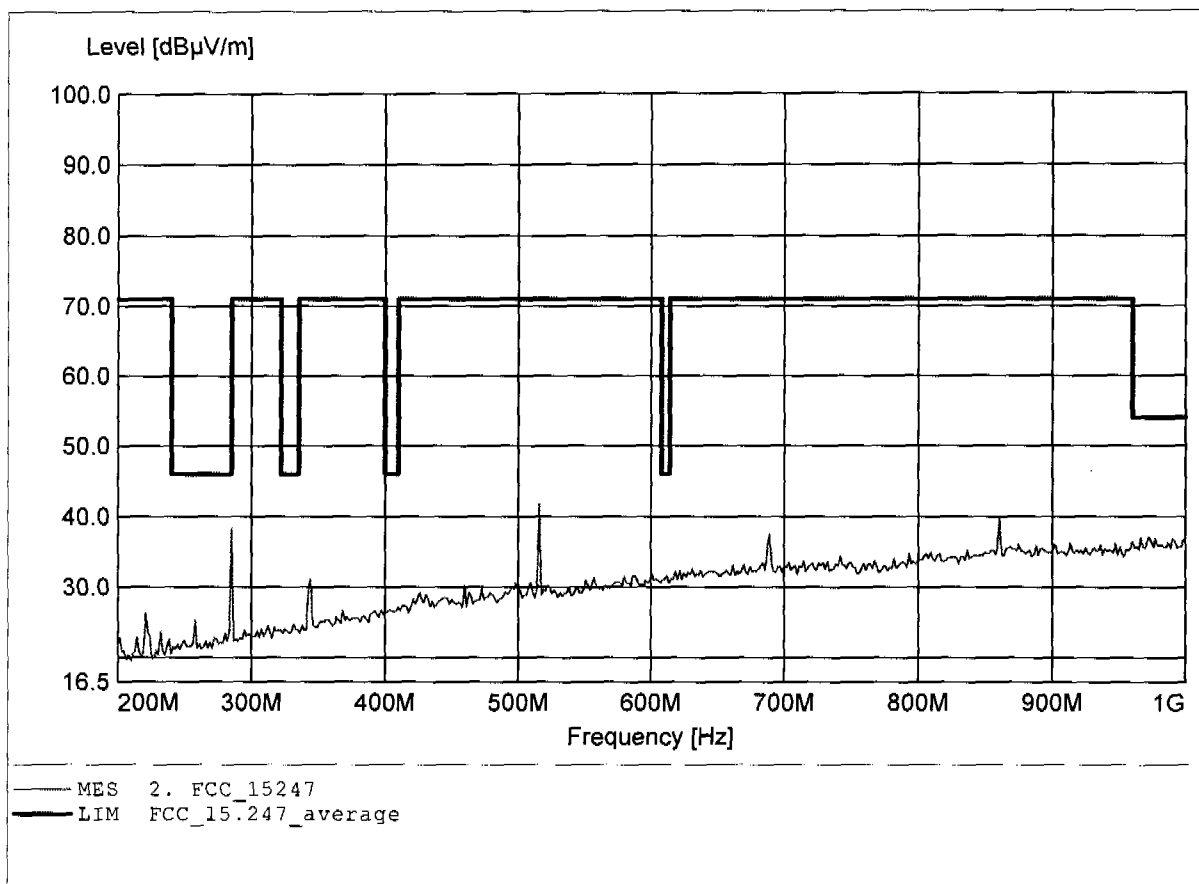
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 172.064MHz, Emax: 41.93dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

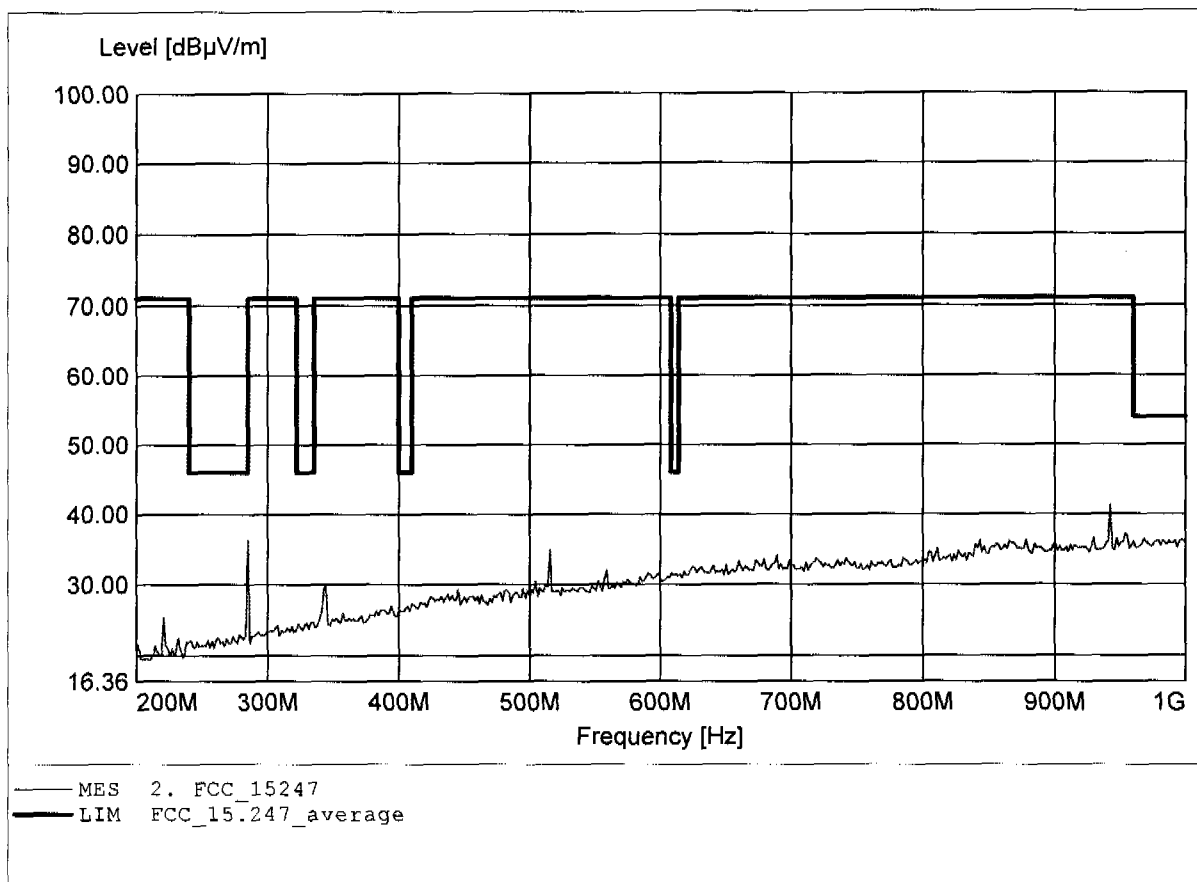
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223,
Freq: 515.832MHz, Emax: 41.73dBµV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

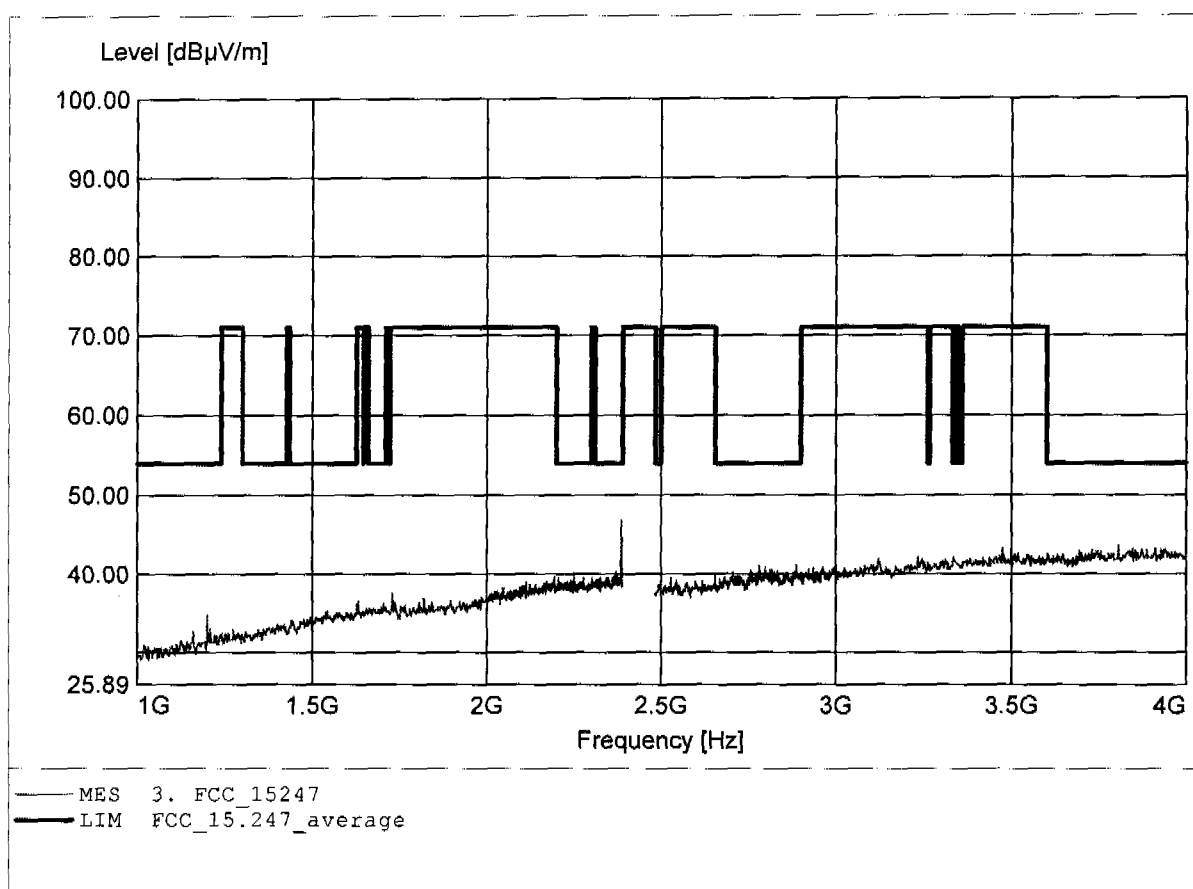
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223,
Freq: 942.285MHz, Emax: 41.34dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

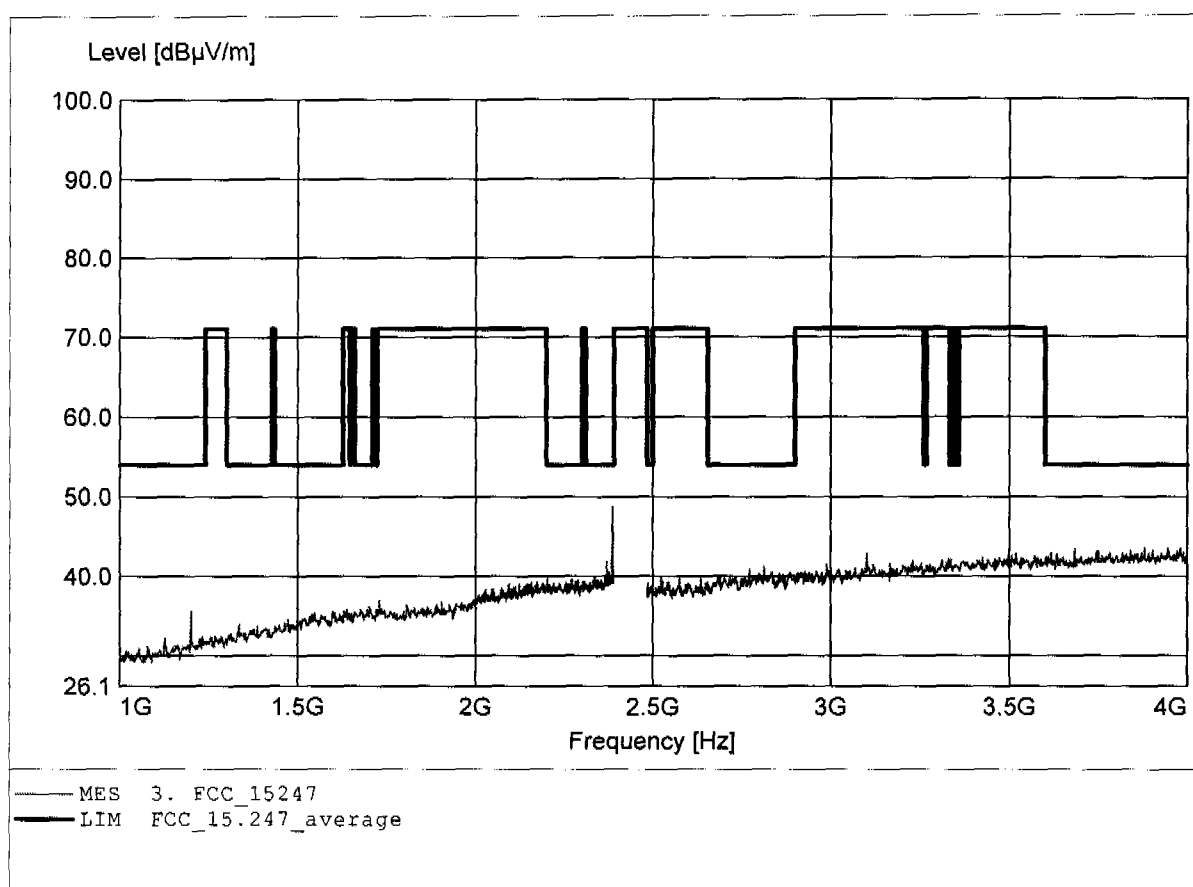
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 2.386GHz, Emax: 46.89dBuV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

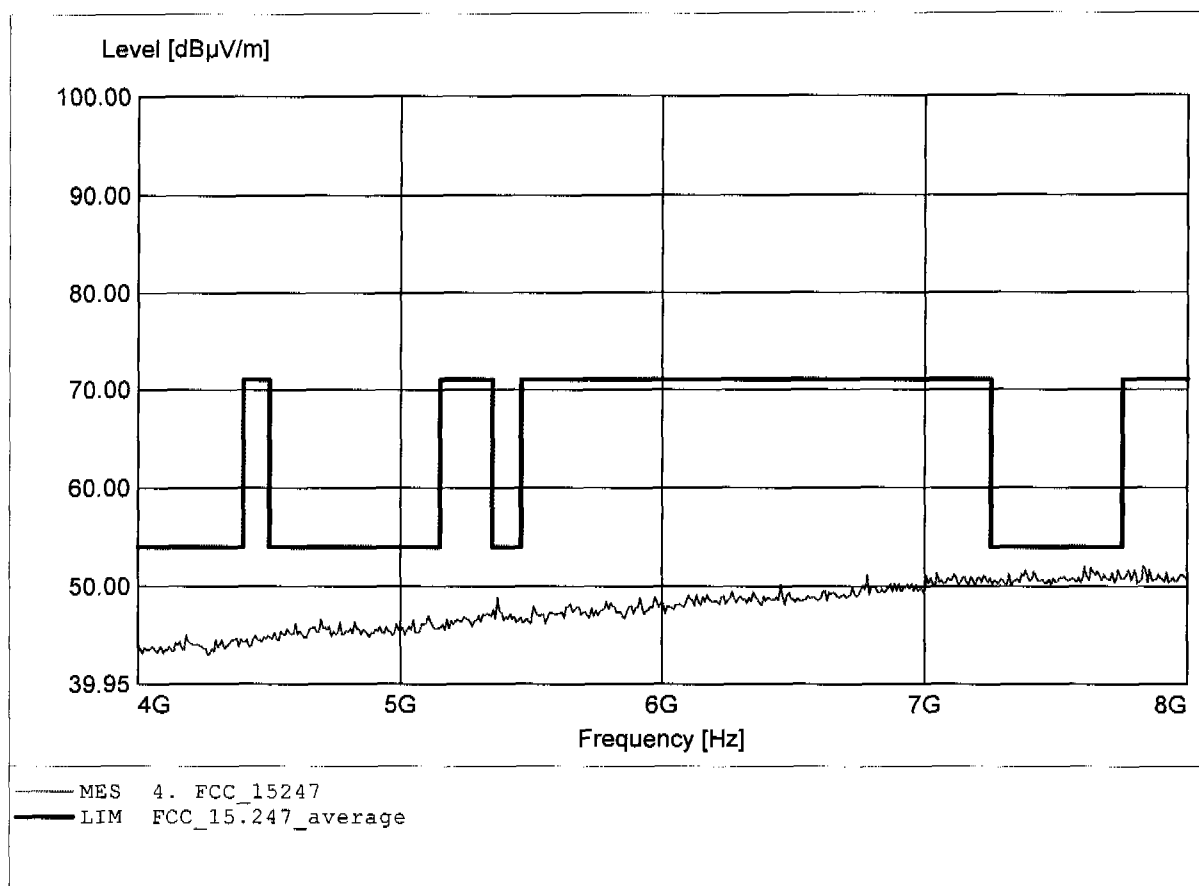
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 2.387GHz, Emax: 48.84dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

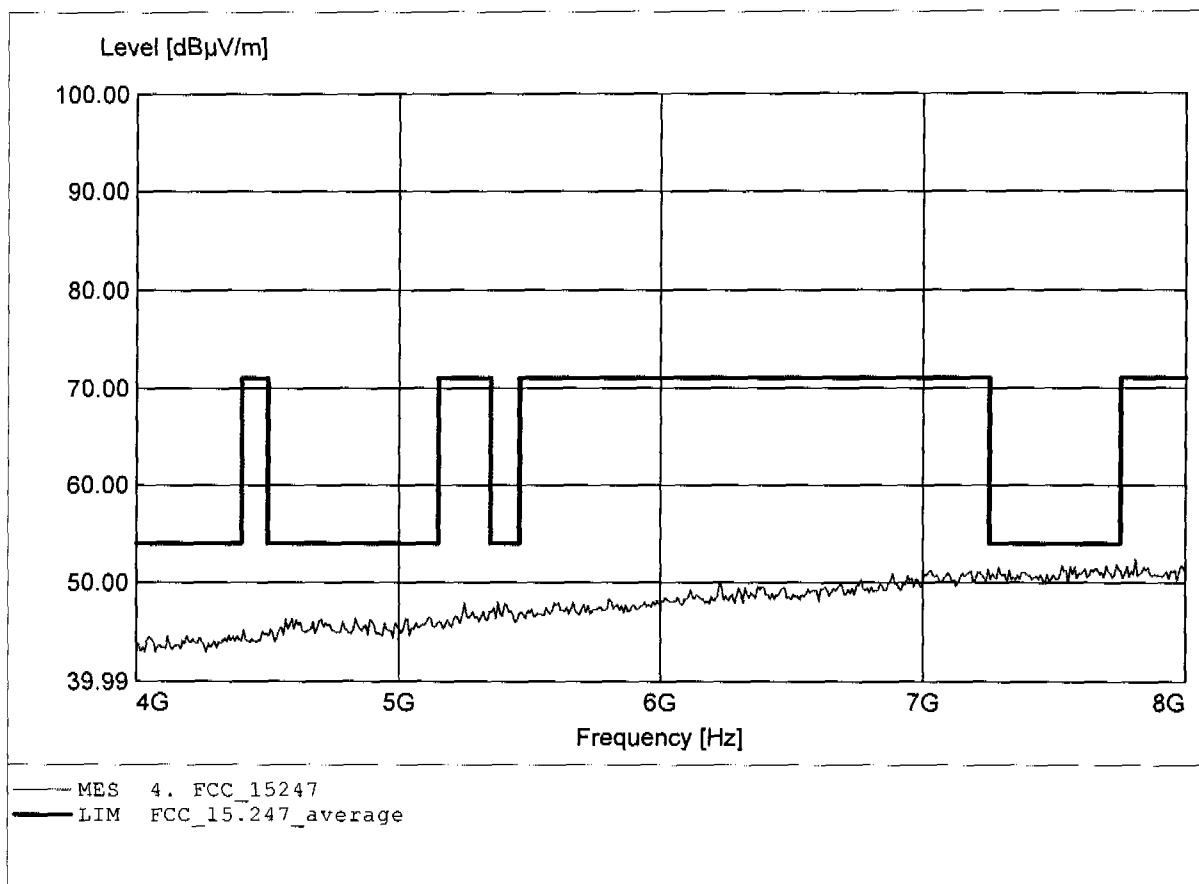
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.832GHz, Emax: 52.09dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

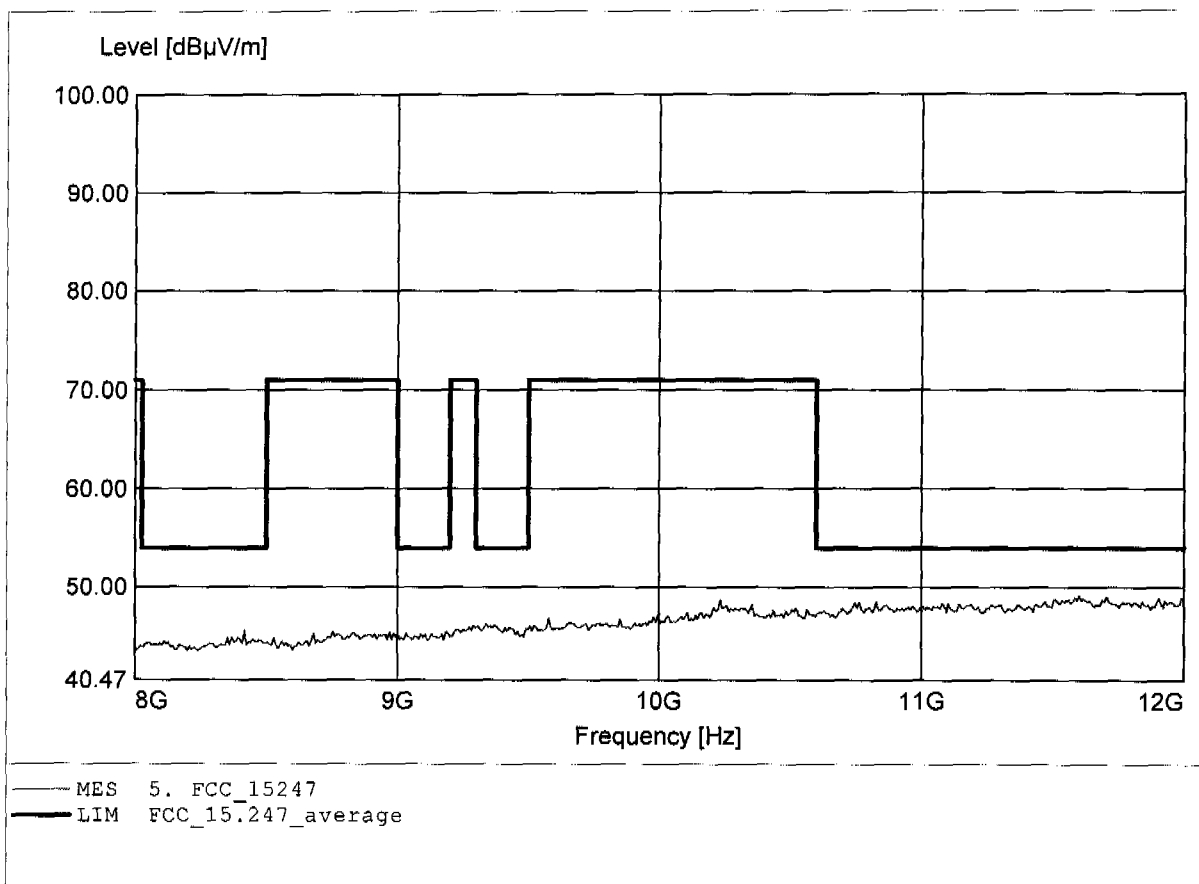
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.808GHz, Emax: 52.46dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

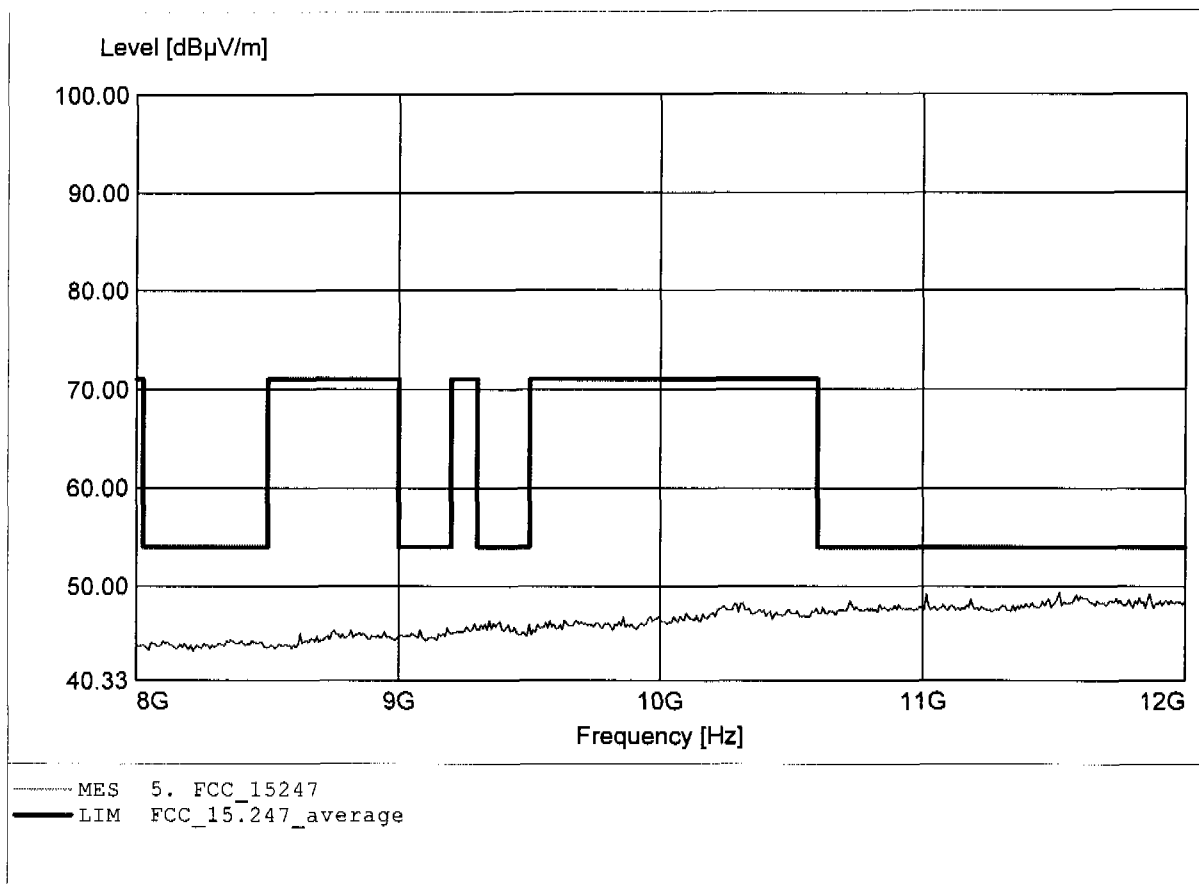
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.703GHz, Emax: 49.10dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

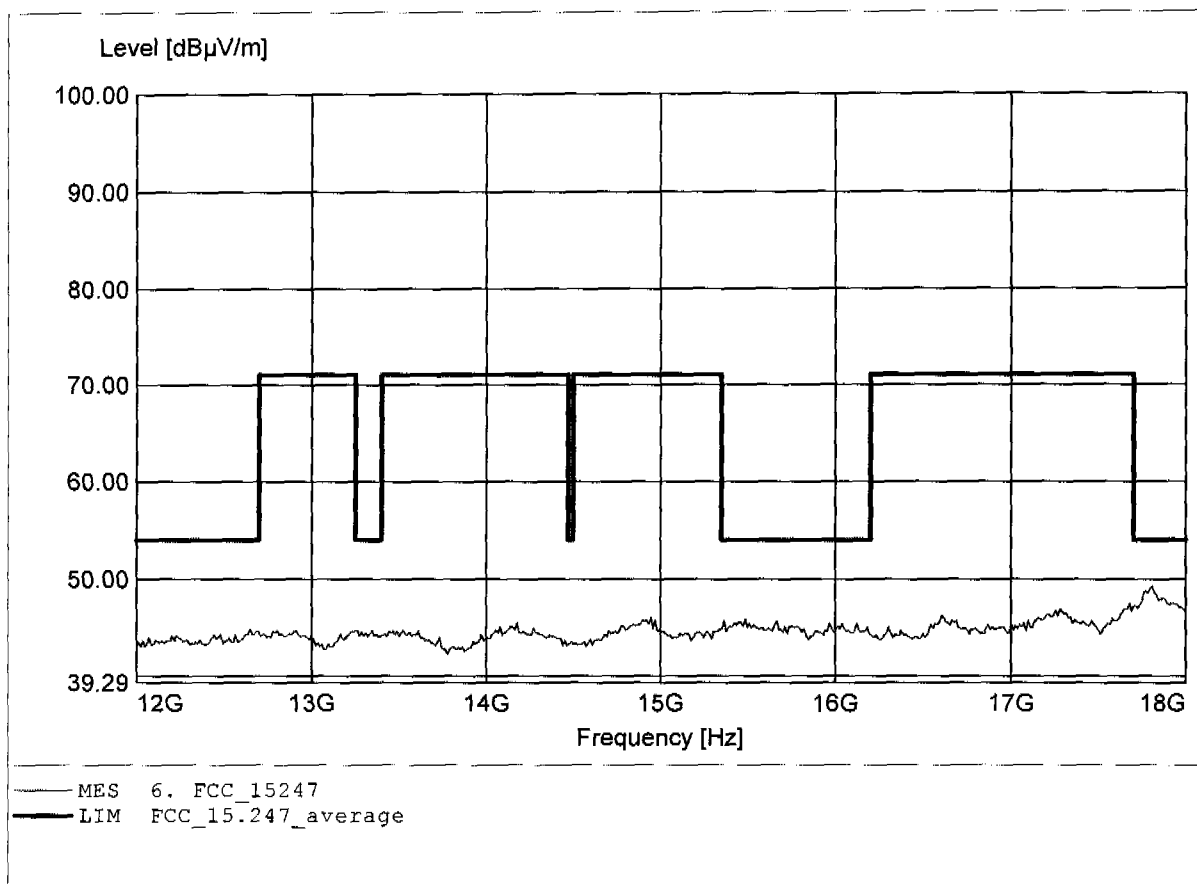
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.519GHz, Emax: 49.38dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

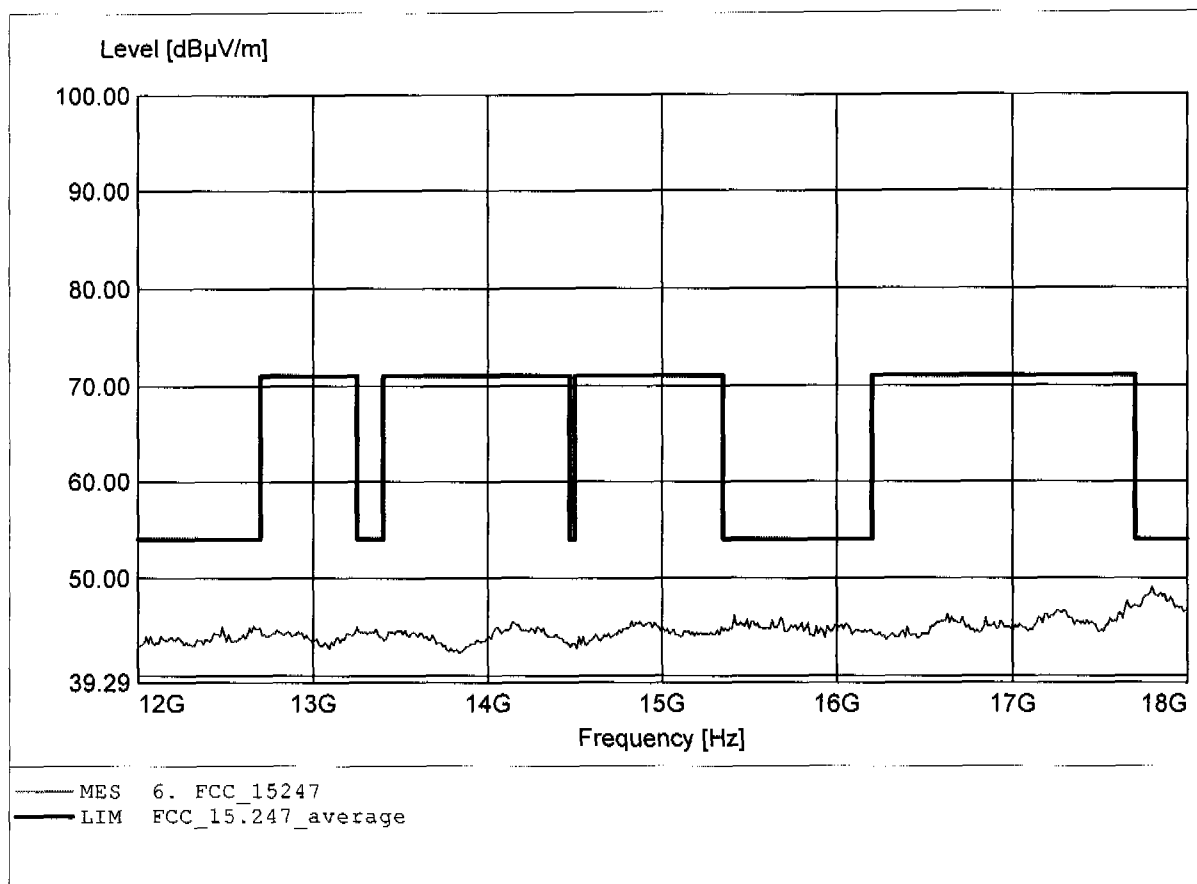
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.808GHz, Emax: 49.26dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

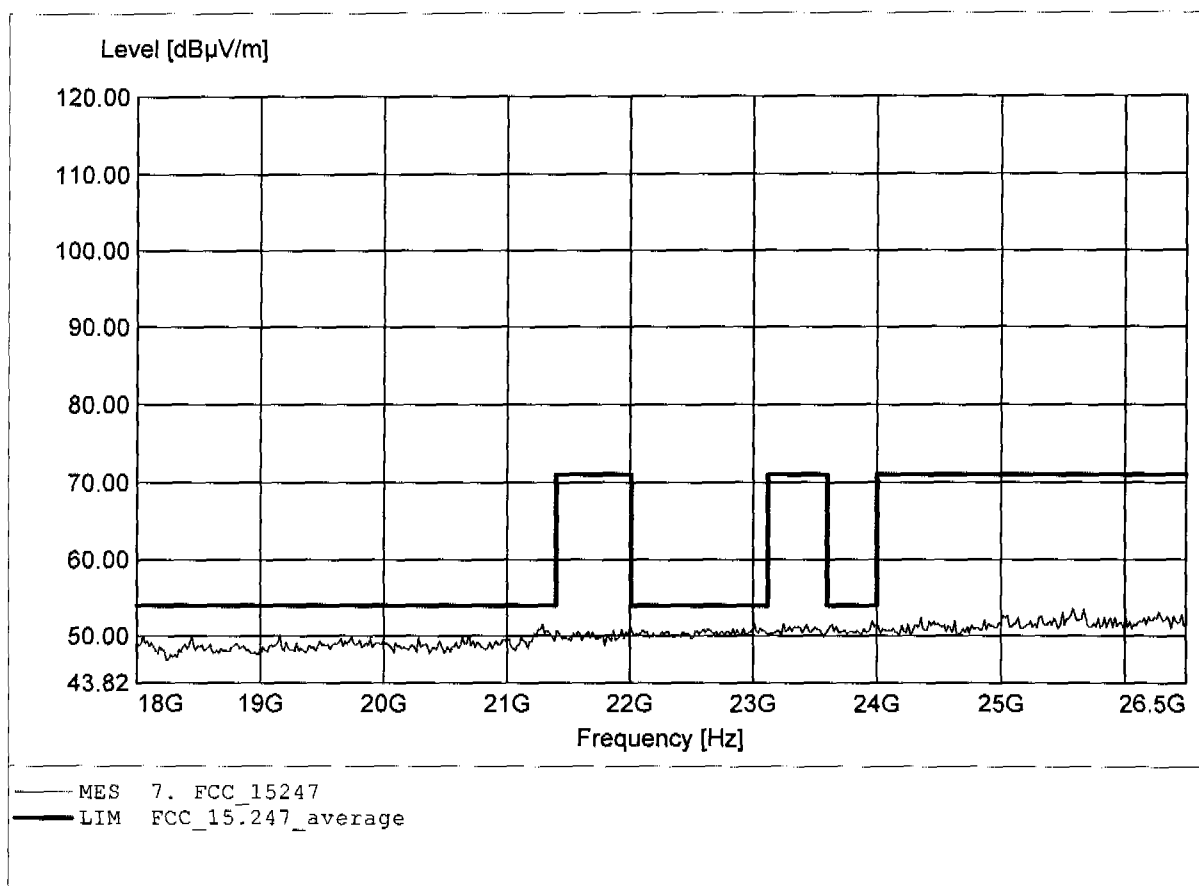
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.796GHz, Emax: 49.07dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

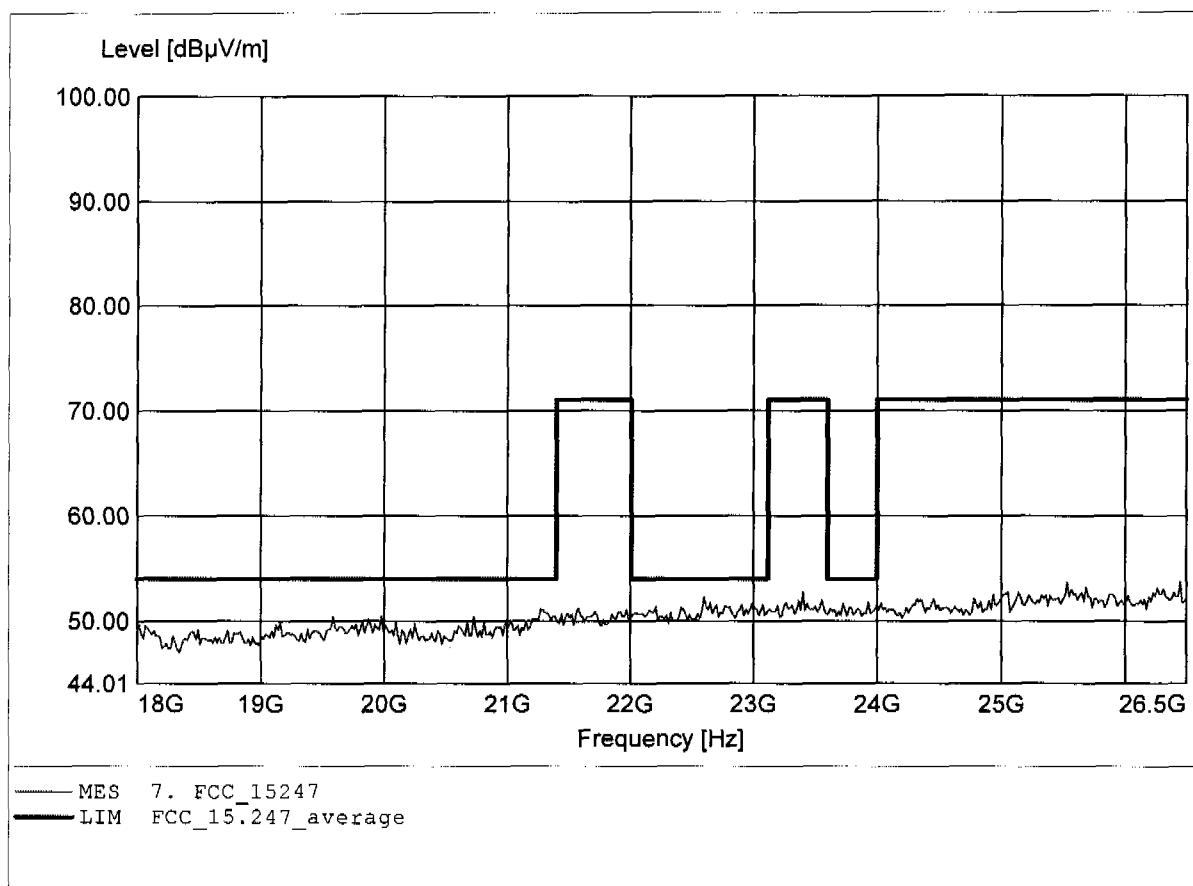
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.580GHz, Emax: 53.55dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

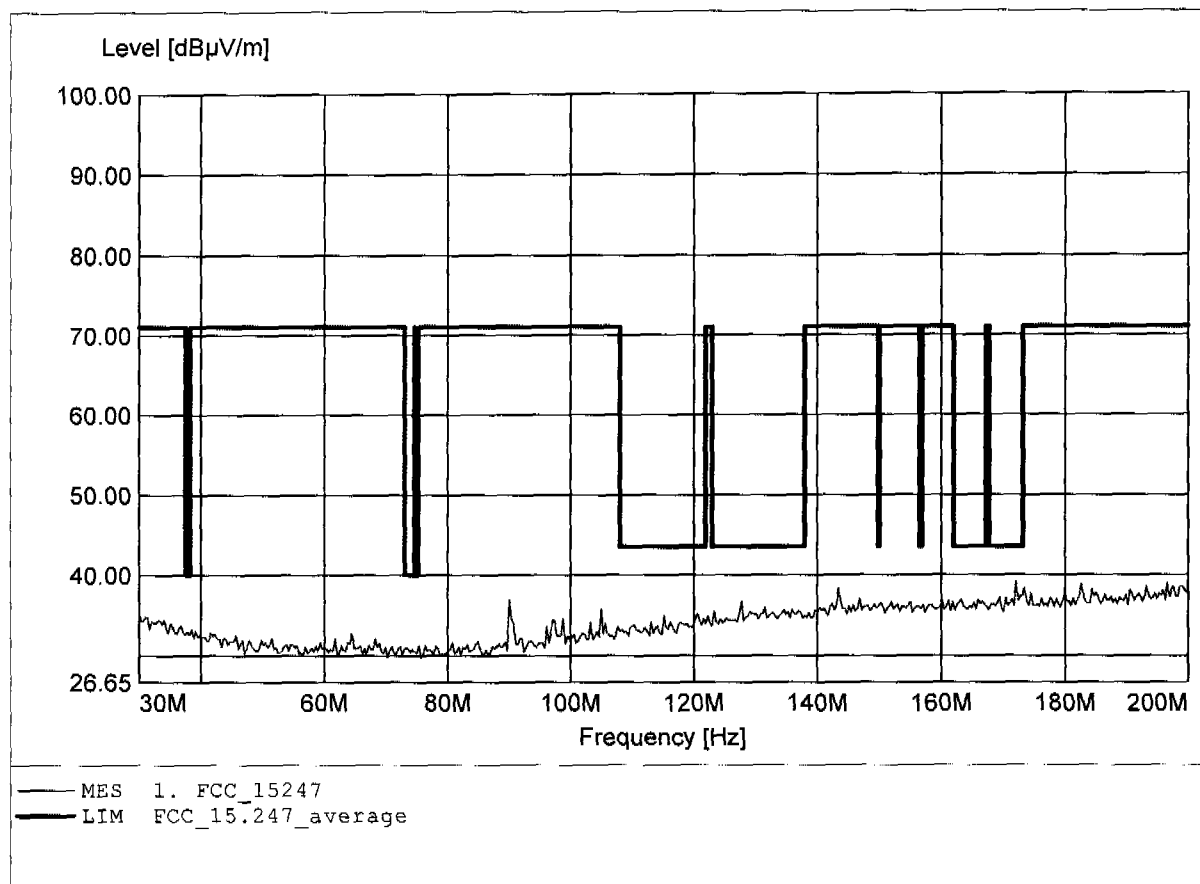
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Low Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 26.449GHz, Emax: 53.79dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

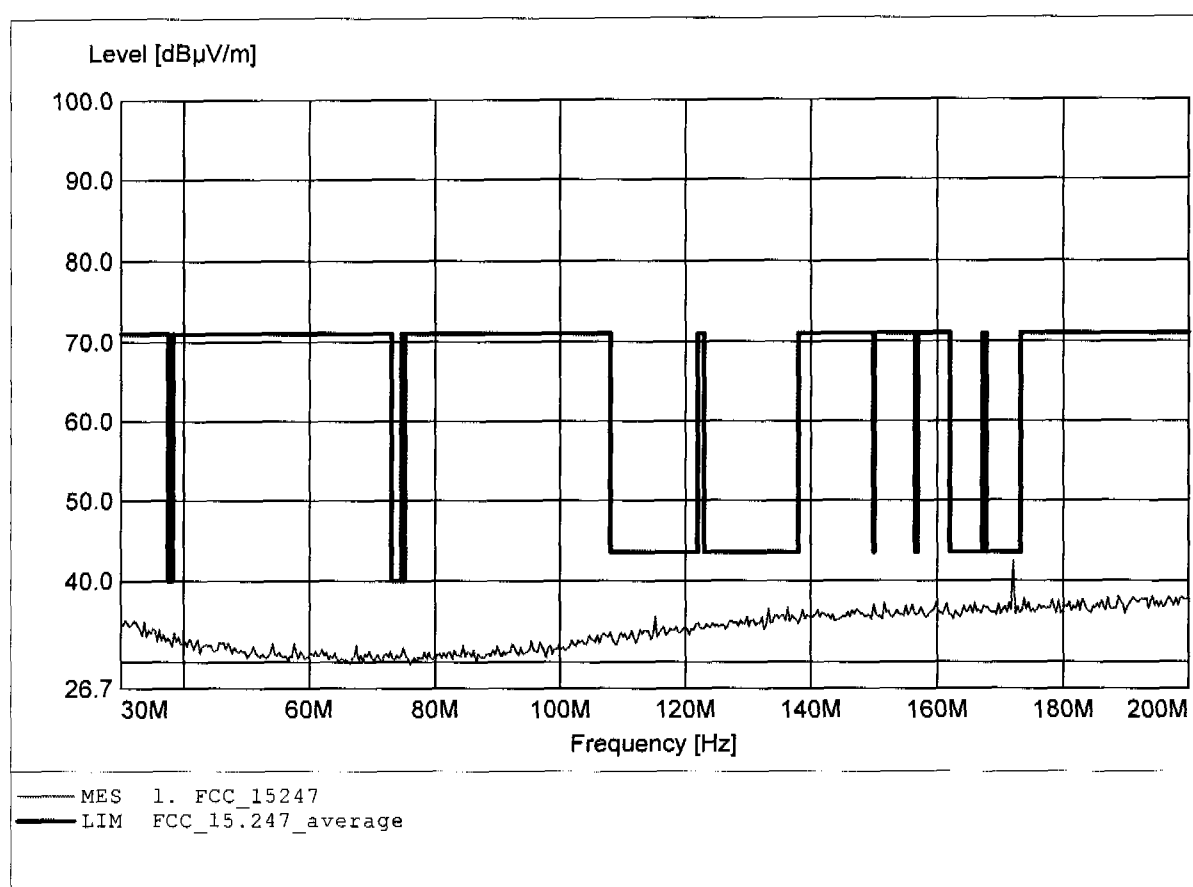
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 172.064MHz, Emax: 39.19dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

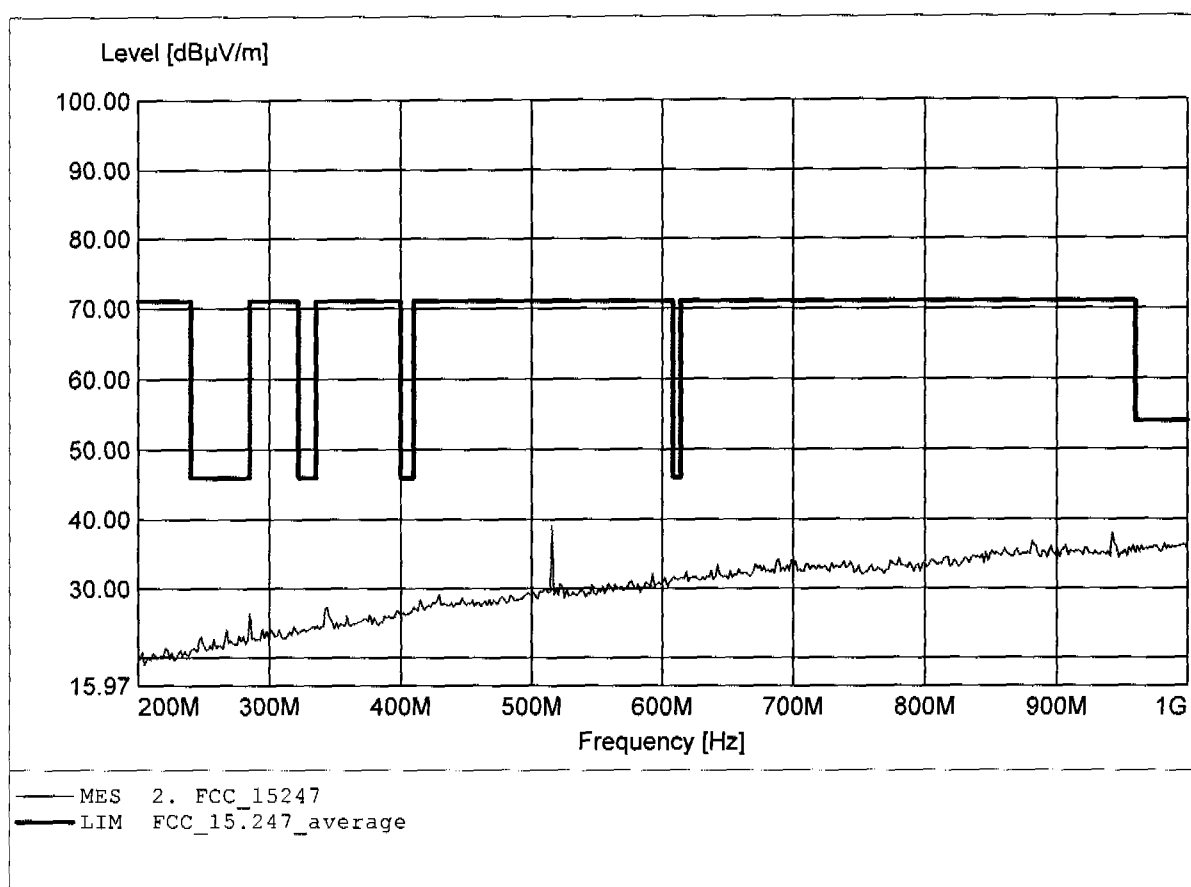
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 172.064MHz, Emax: 42.42dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

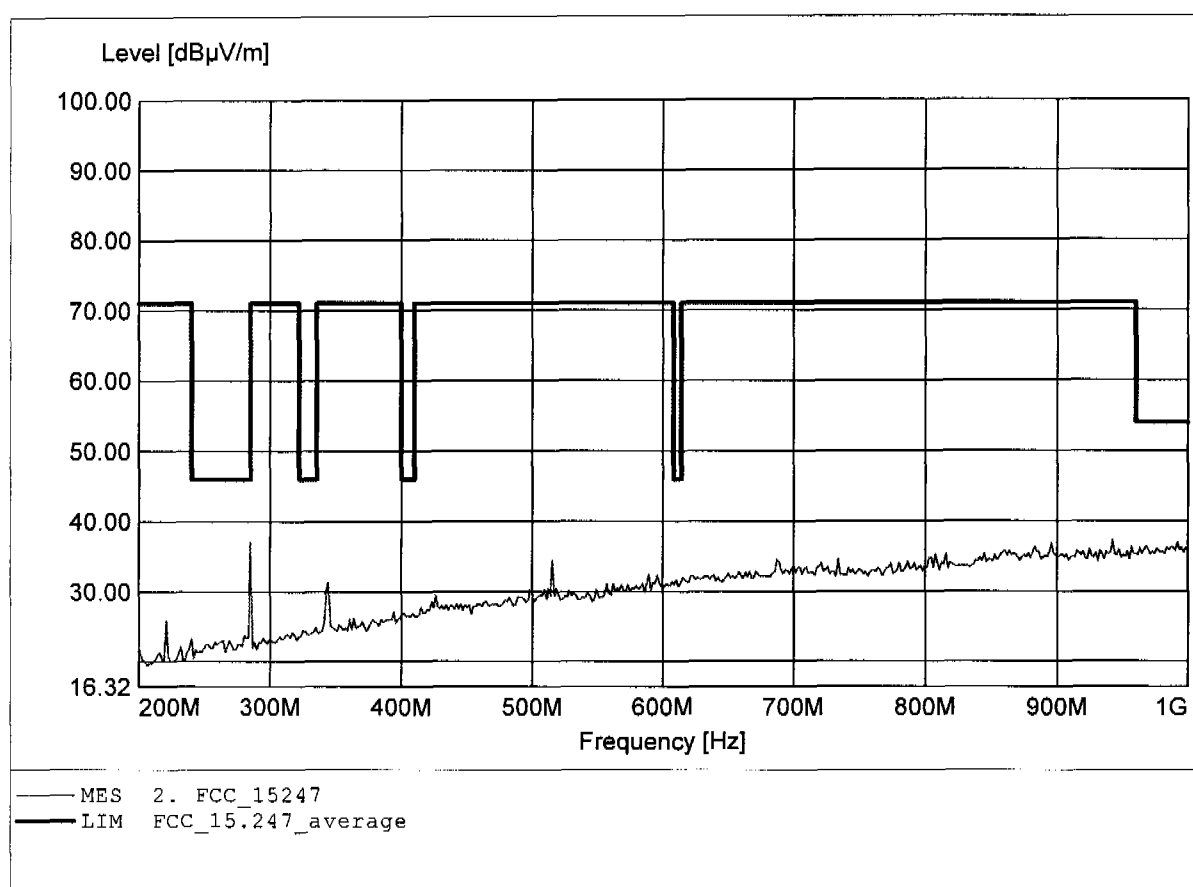
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223,
Freq: 515.832MHz, Emax: 39.16dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

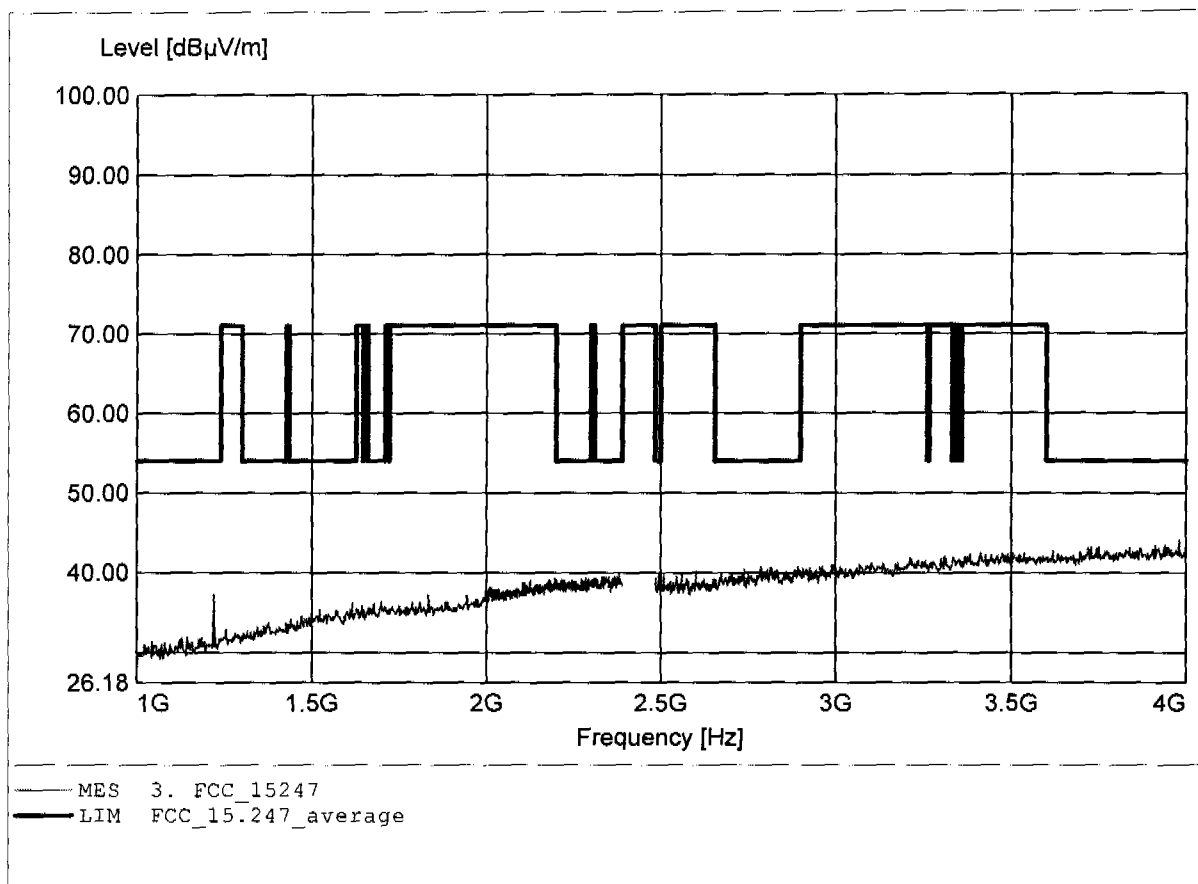
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223,
Freq: 942.285MHz, Emax: 37.36dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

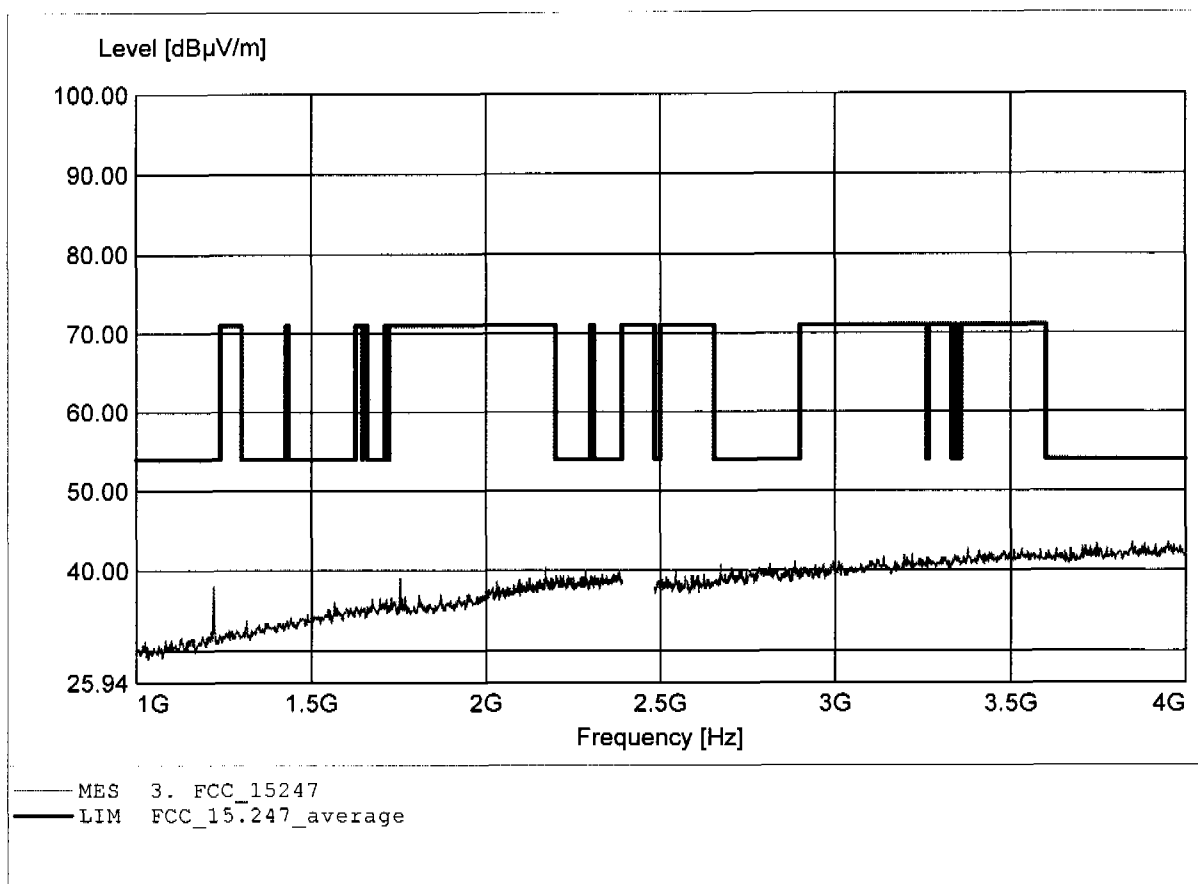
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 3.980GHz, Emax: 44.06dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

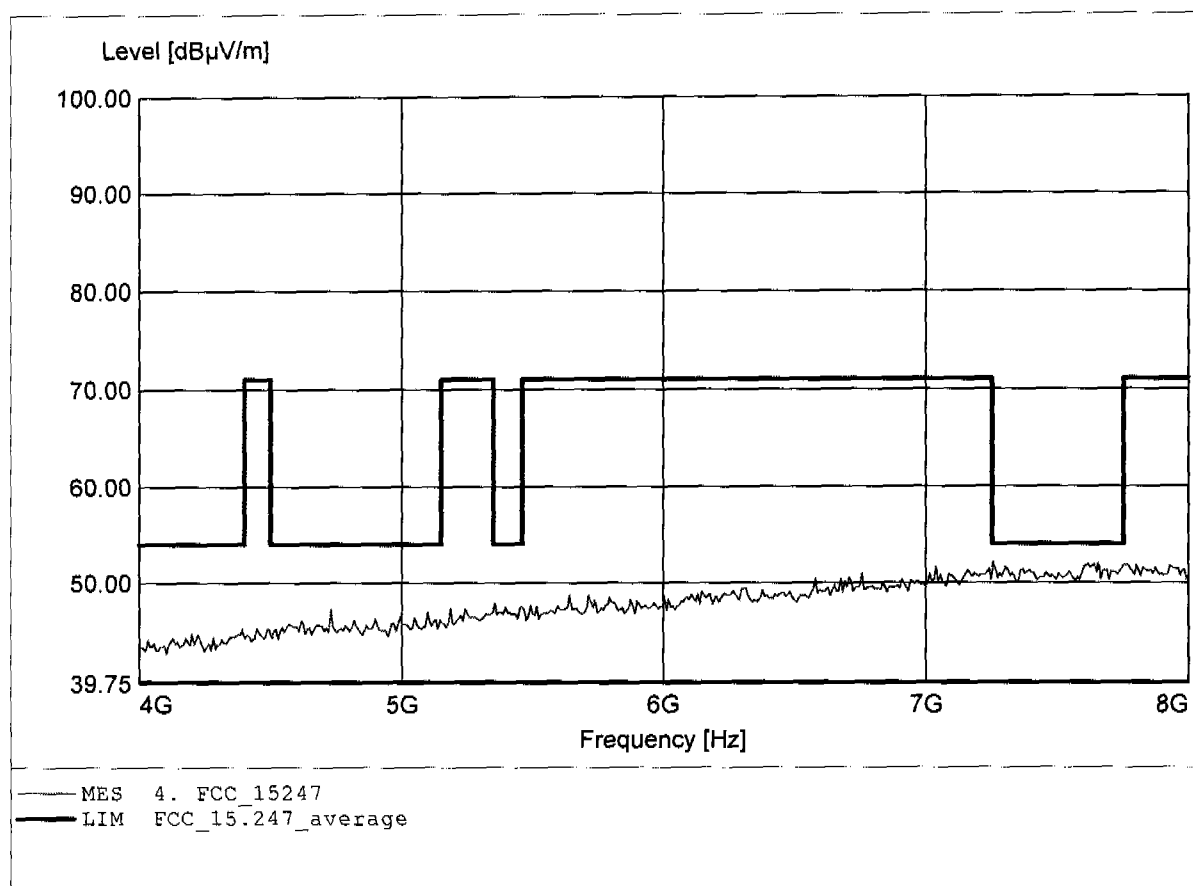
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 3.846GHz, Emax: 43.47dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

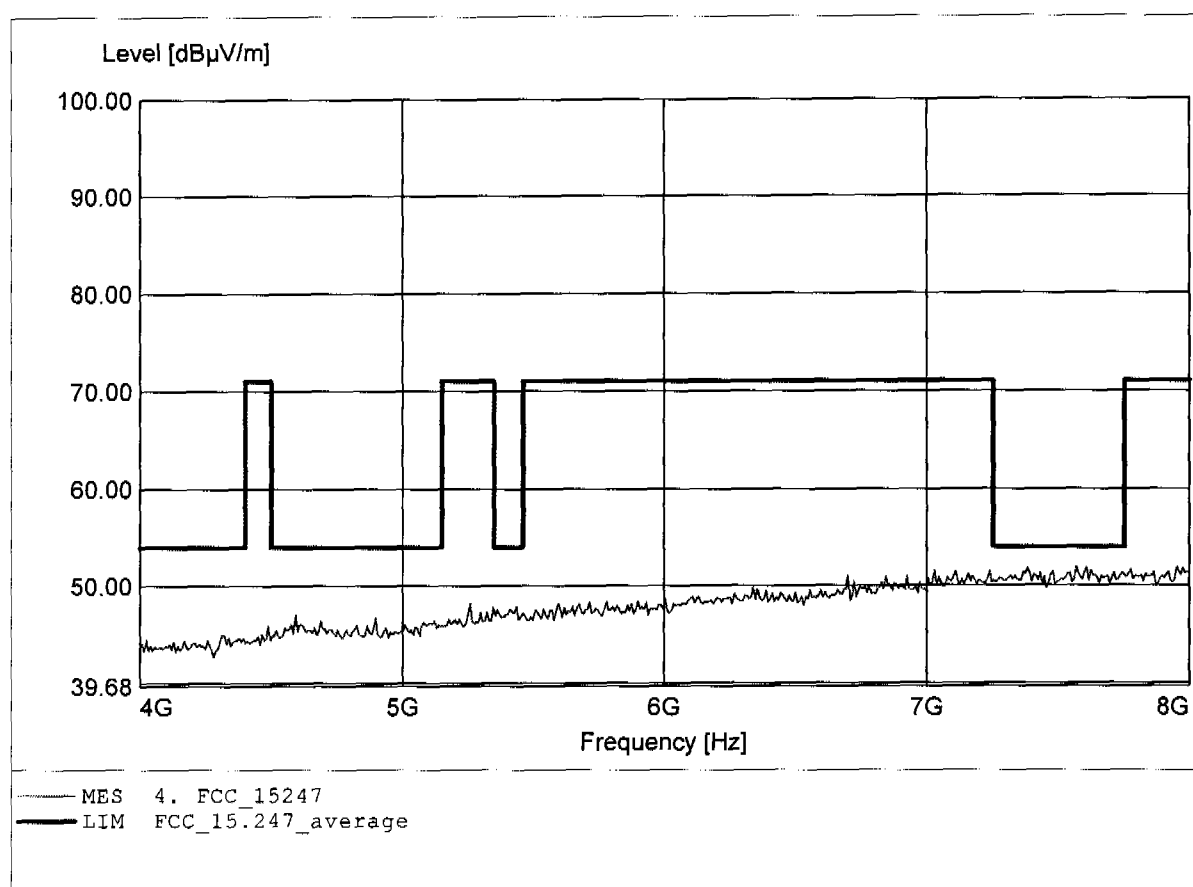
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.255GHz, Emax: 52.15dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

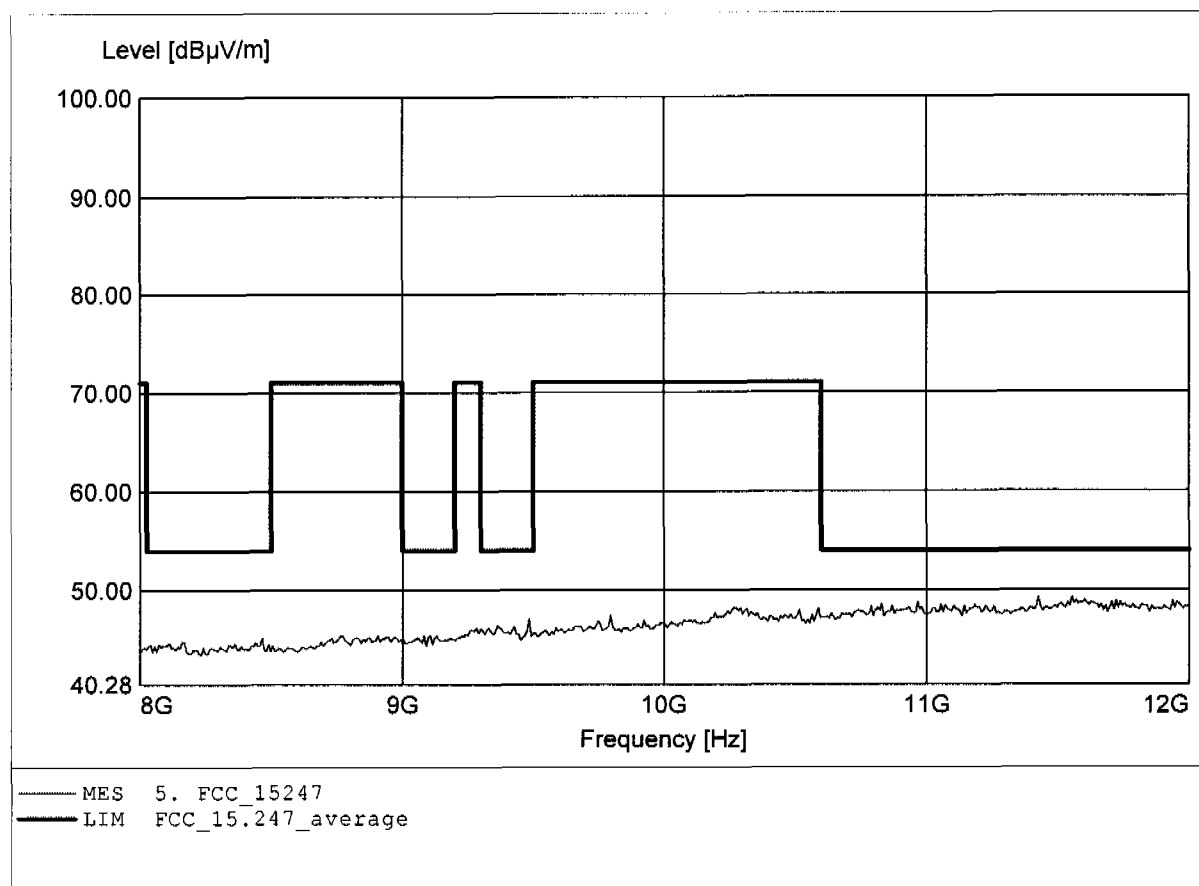
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.952GHz, Emax: 51.93dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

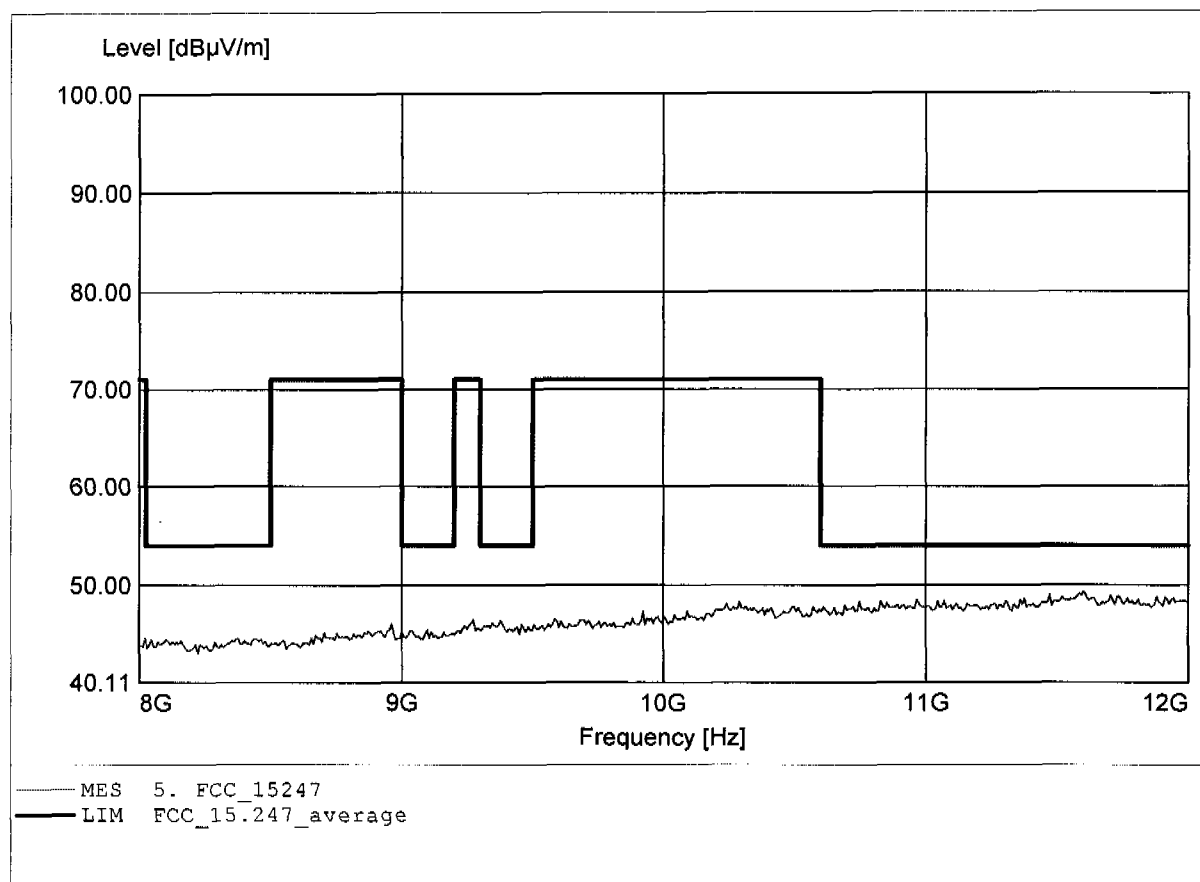
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.551GHz, Emax: 49.30dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

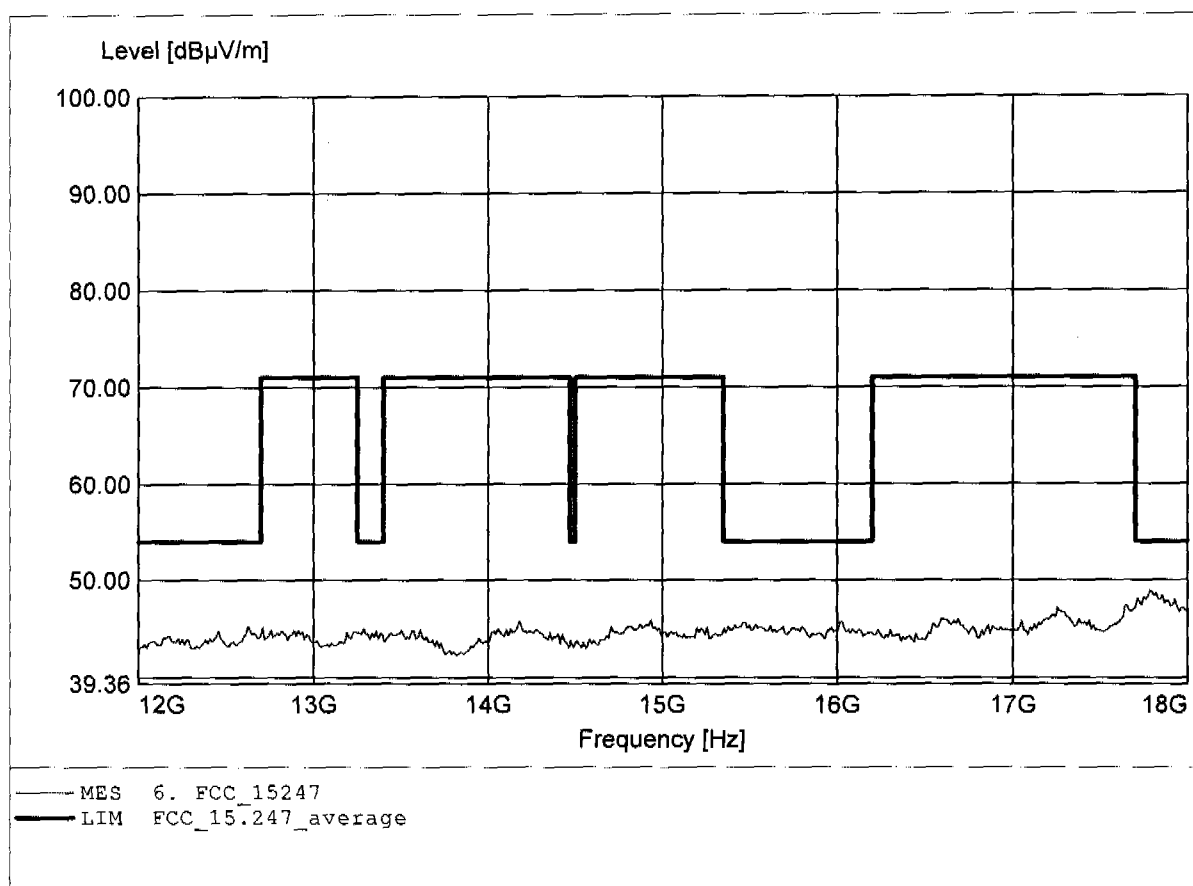
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.599GHz, Emax: 49.34dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

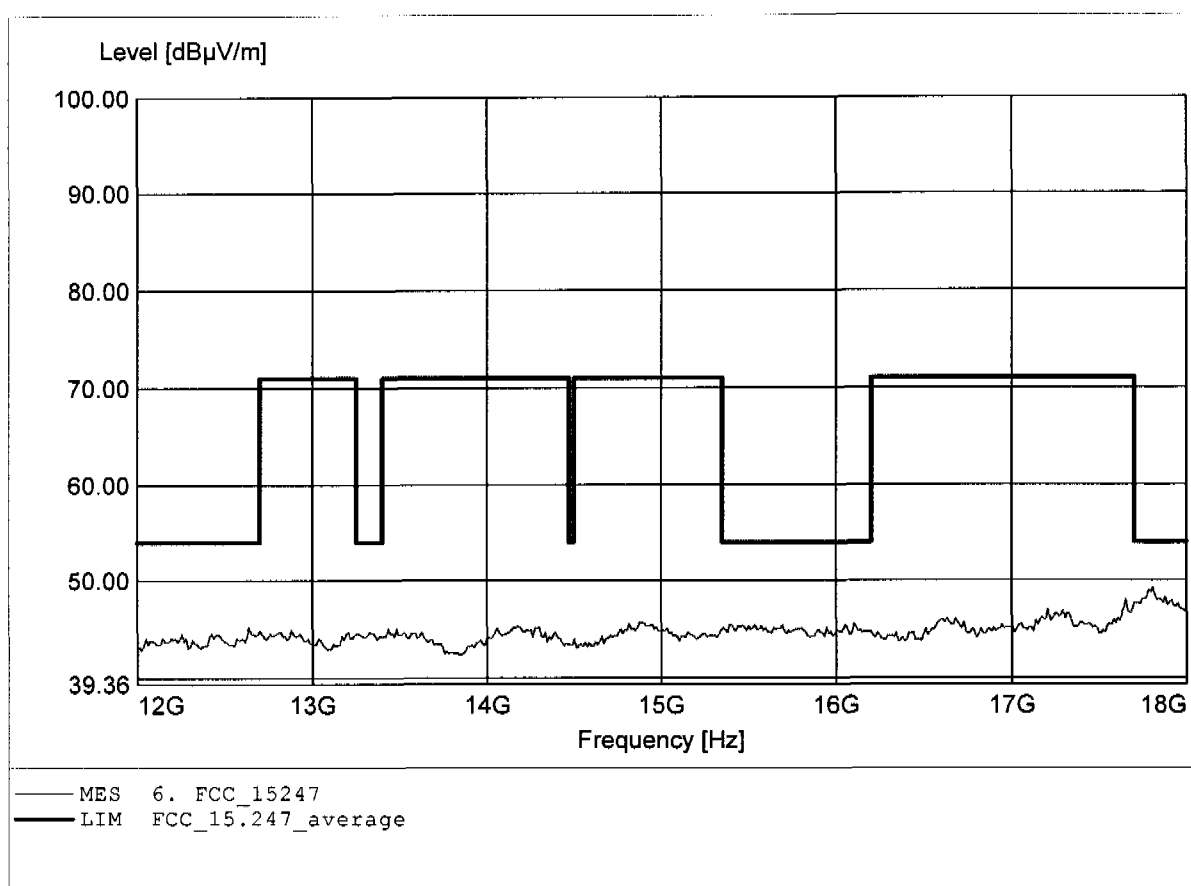
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.784GHz, Emax: 48.96dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

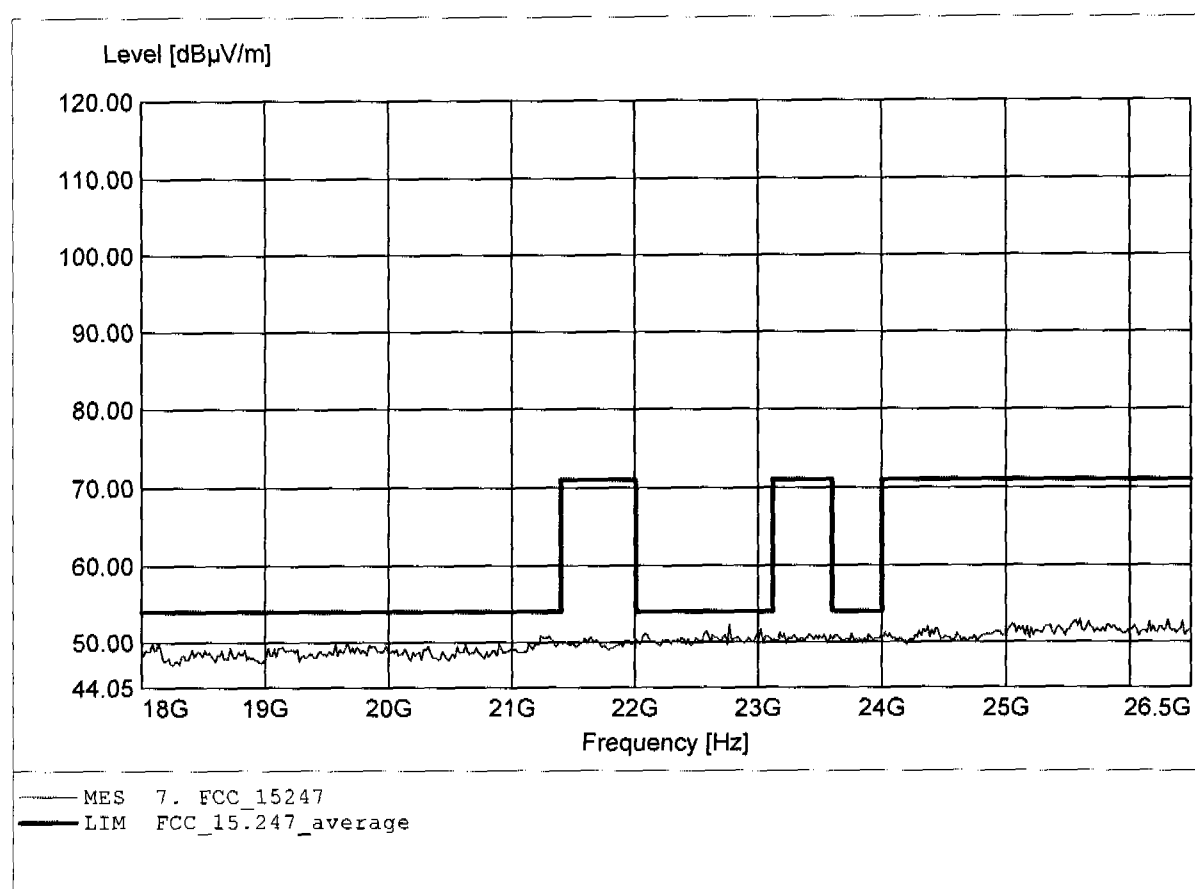
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.808GHz, Emax: 49.23dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

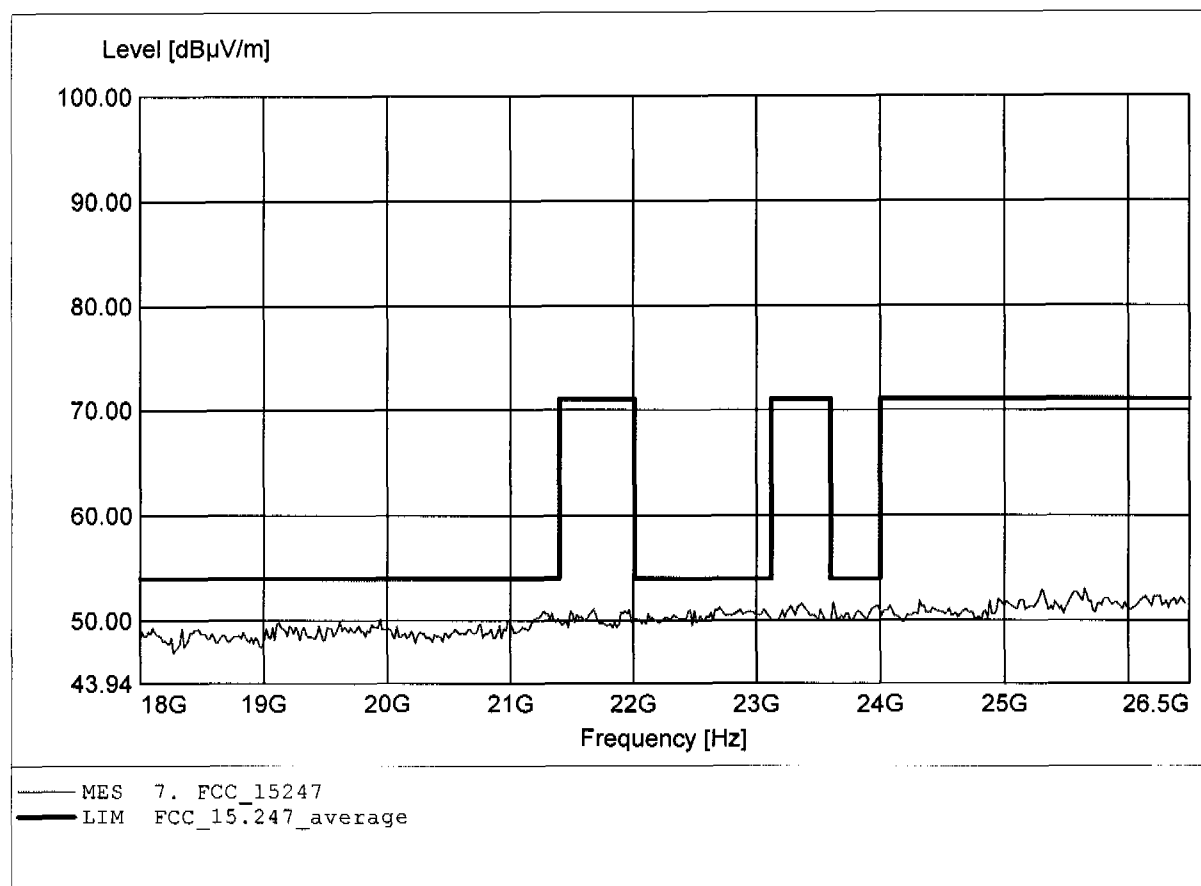
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.597GHz, Emax: 52.93dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

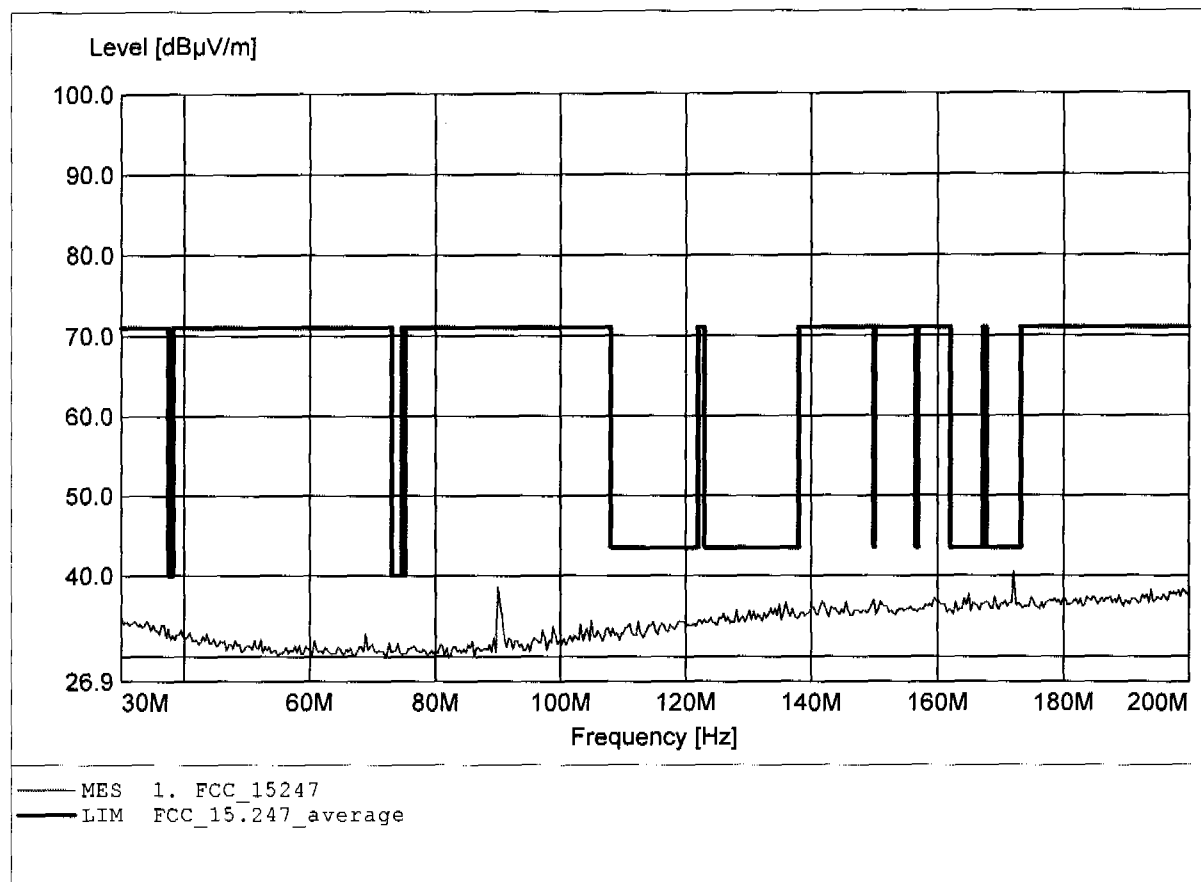
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / Middle Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.648GHz, Emax: 53.01dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

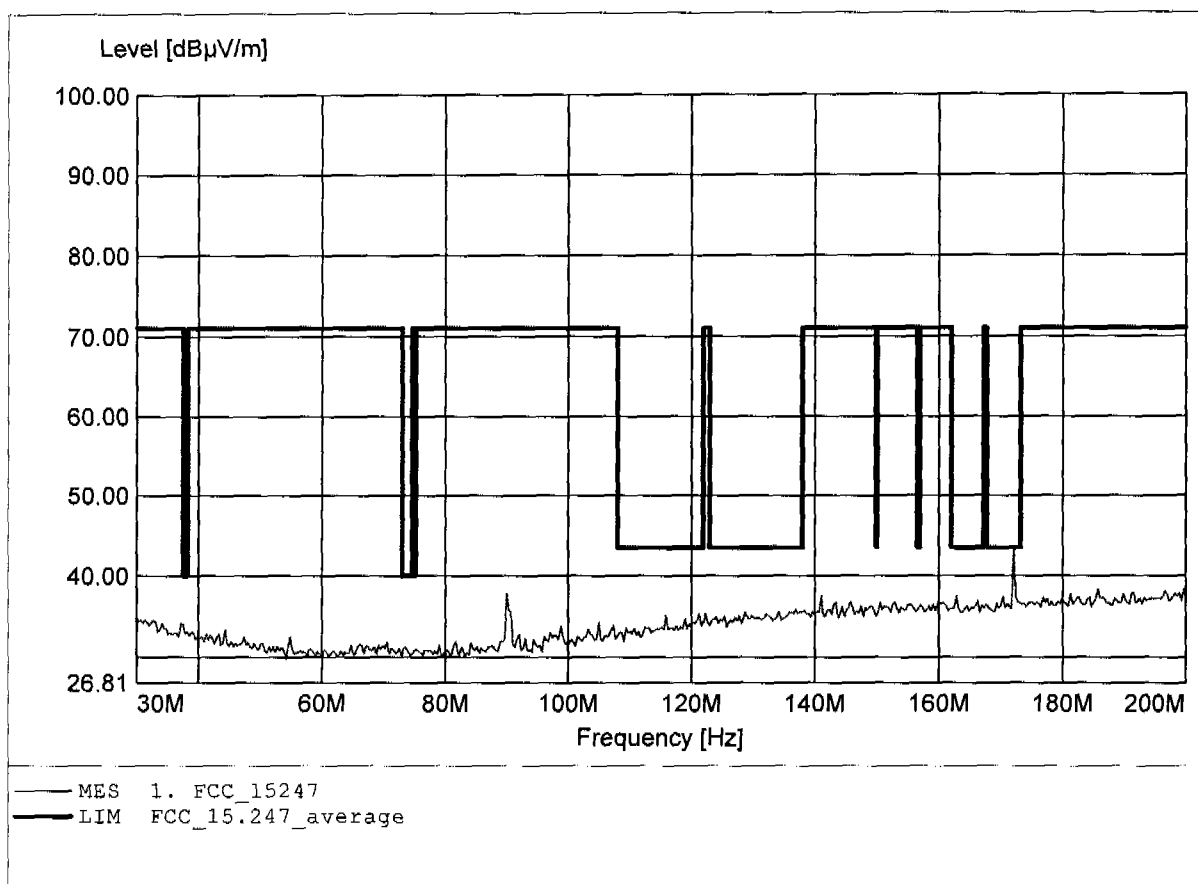
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 172.064MHz, Emax: 40.53dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

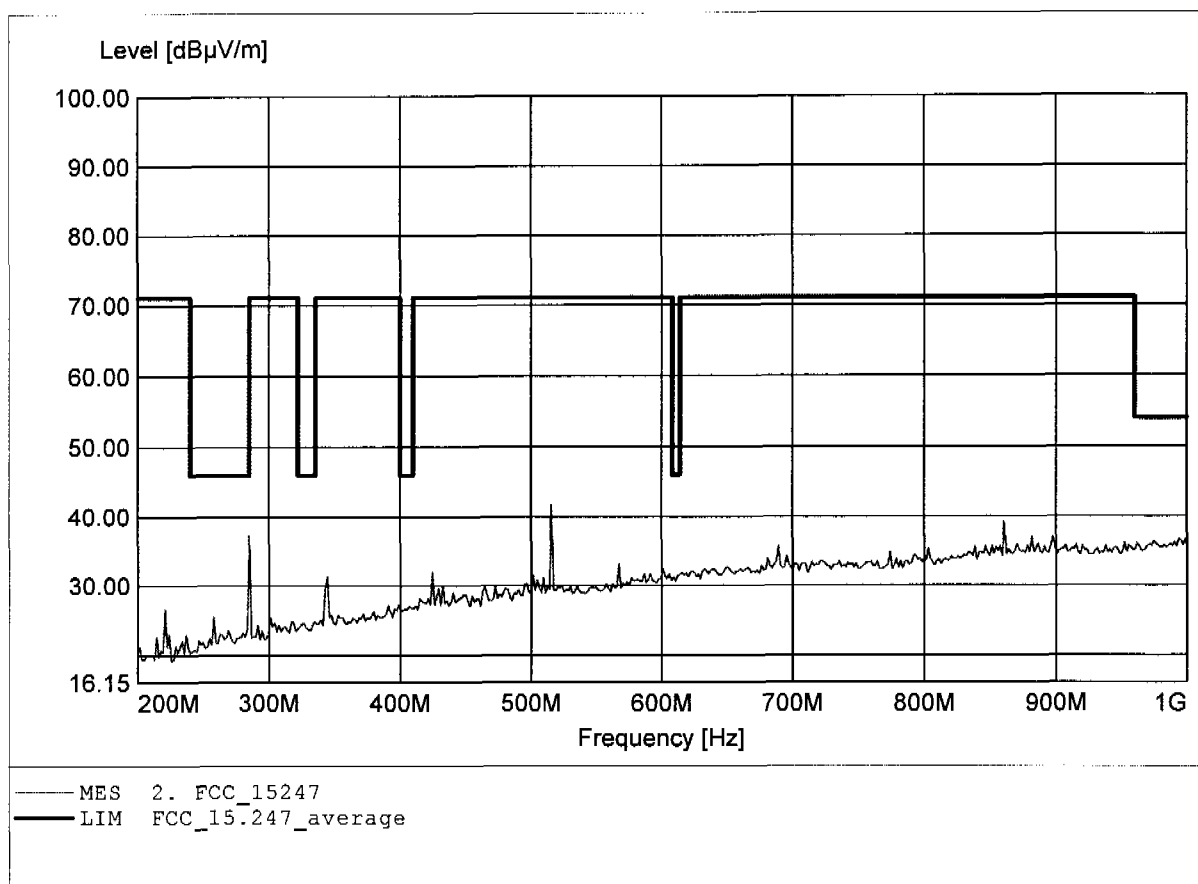
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Freq: 172.064MHz, Emax: 43.28dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

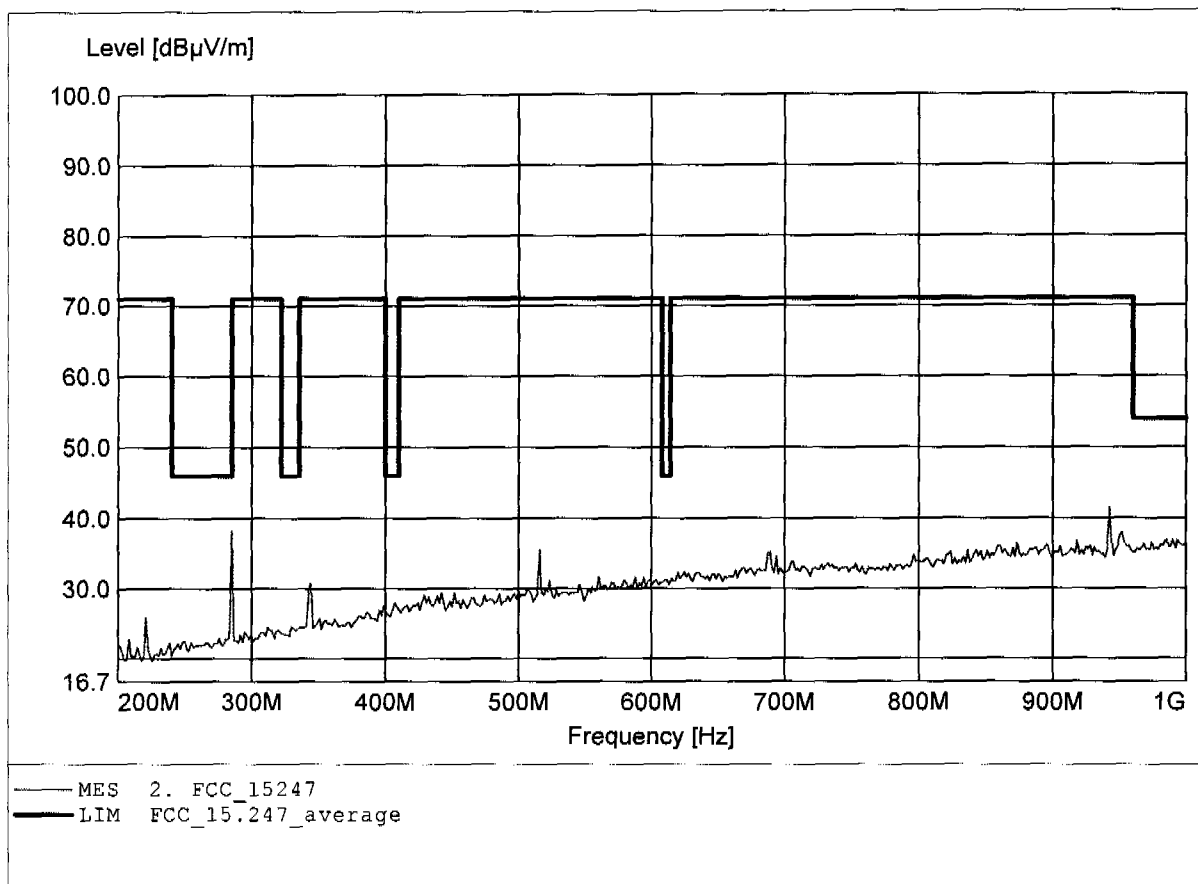
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223,
Freq: 515.832MHz, Emax: 41.73dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

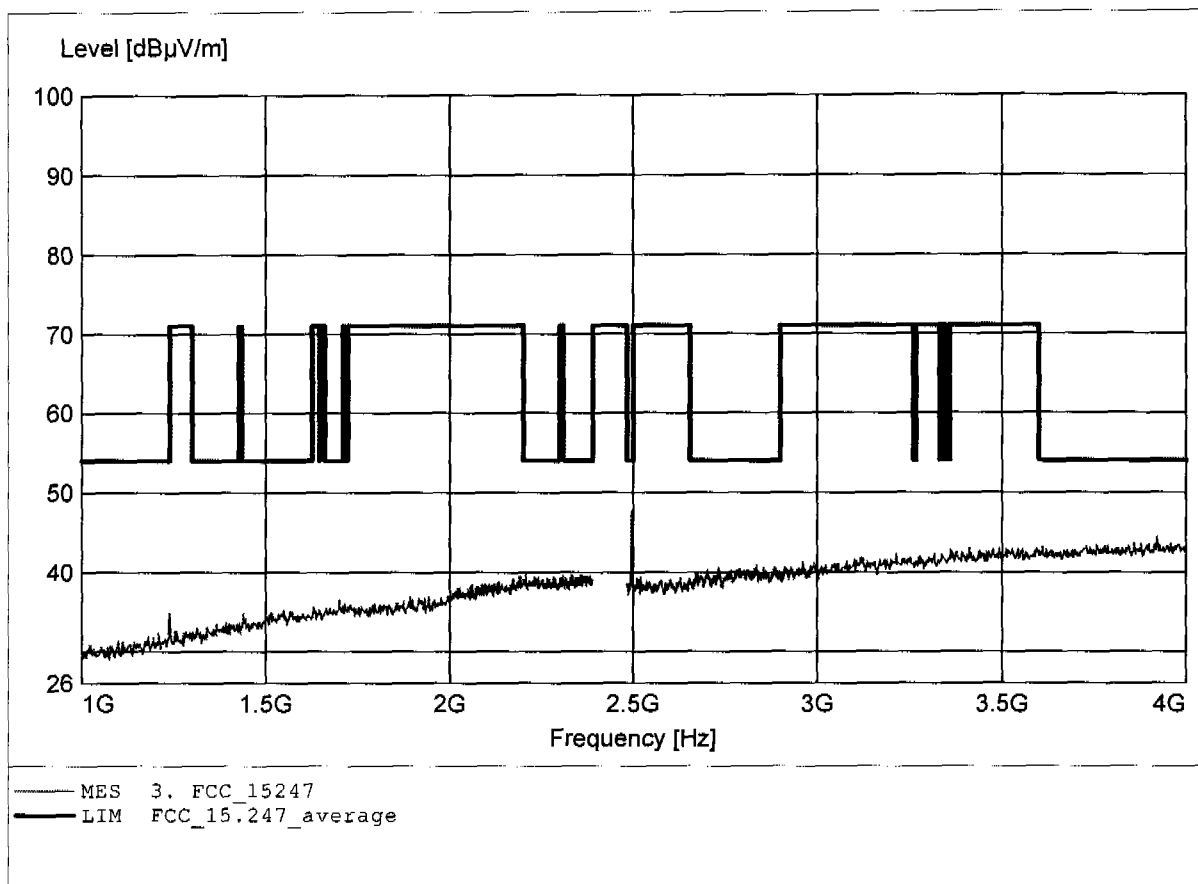
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to S15.247
Comment 1: Dist.: 3m, Ant.: HL 223,
Freq: 942.285MHz, Emax: 41.51dBμV/m, RBW: 100kHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

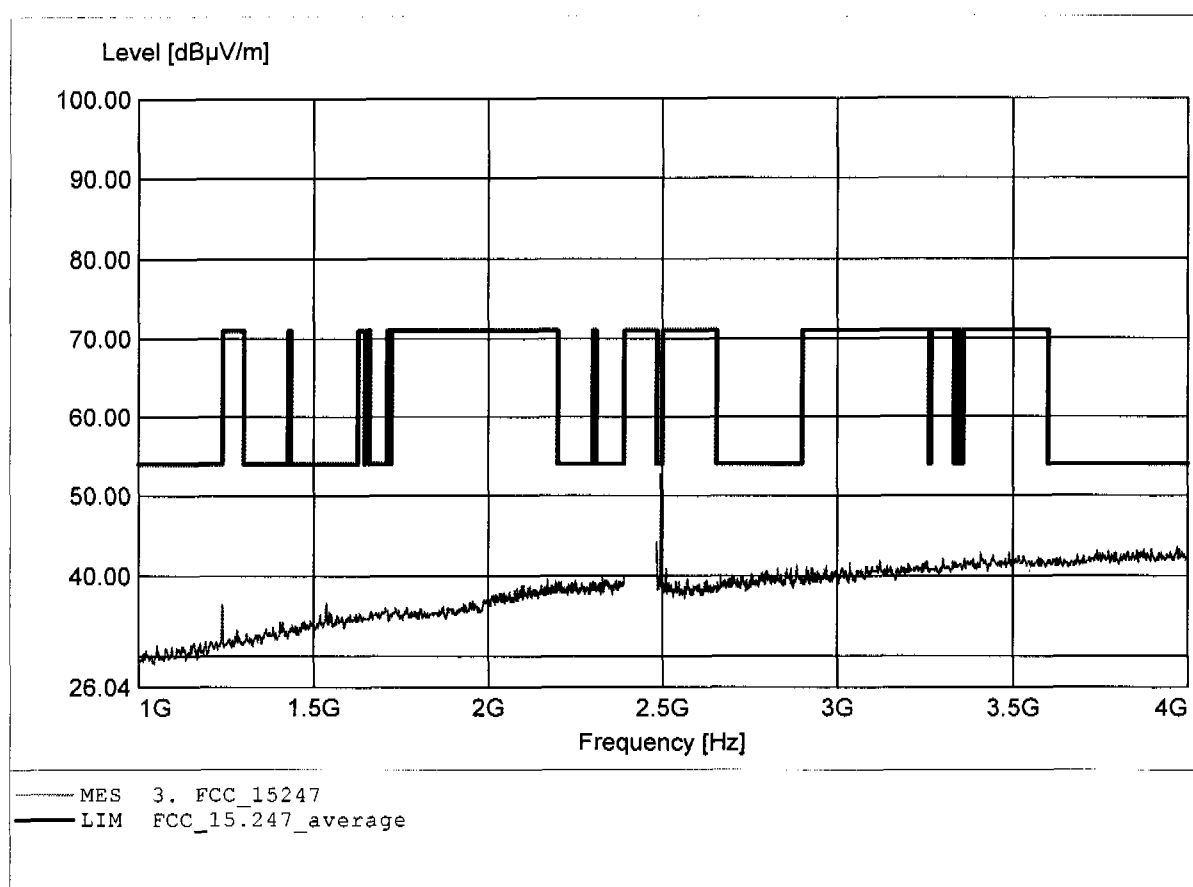
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 2.495GHz, Emax: 47.78dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

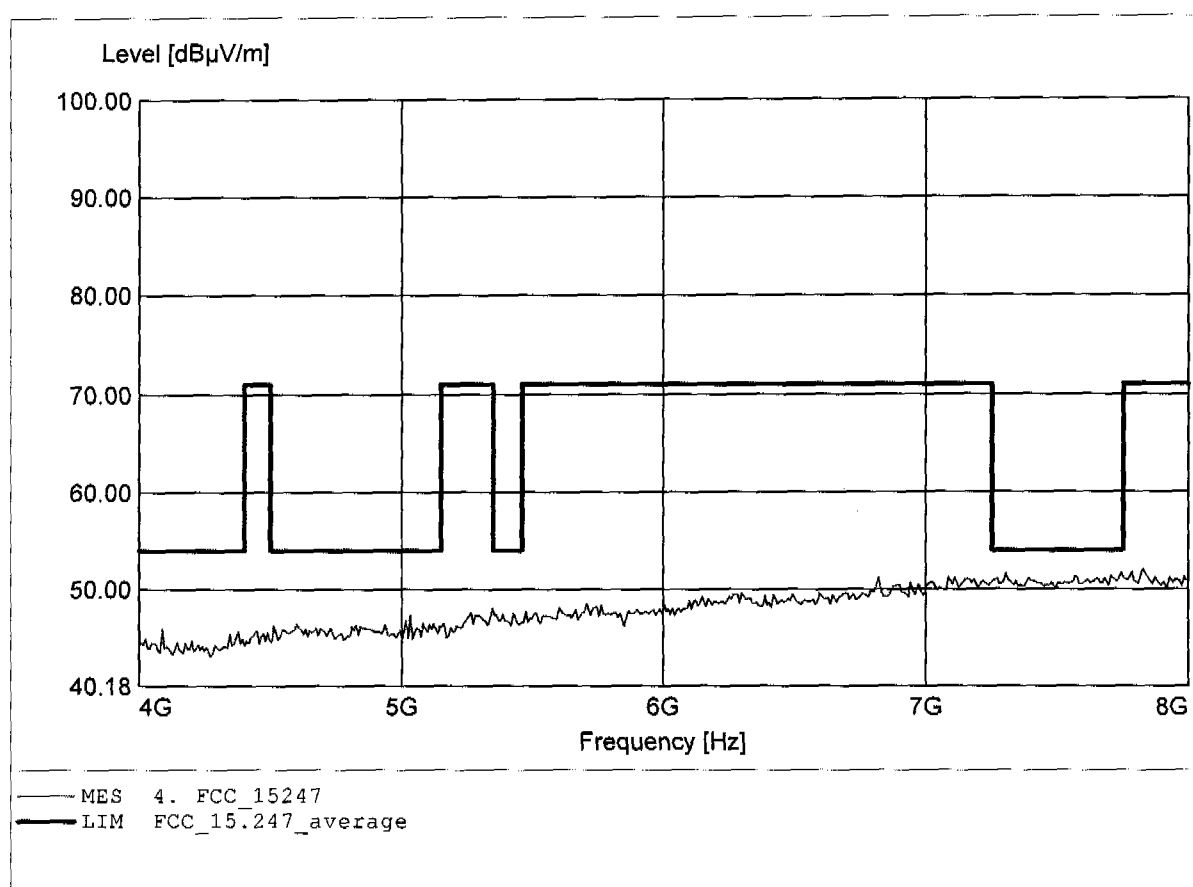
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 2.495GHz, Emax: 52.77dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

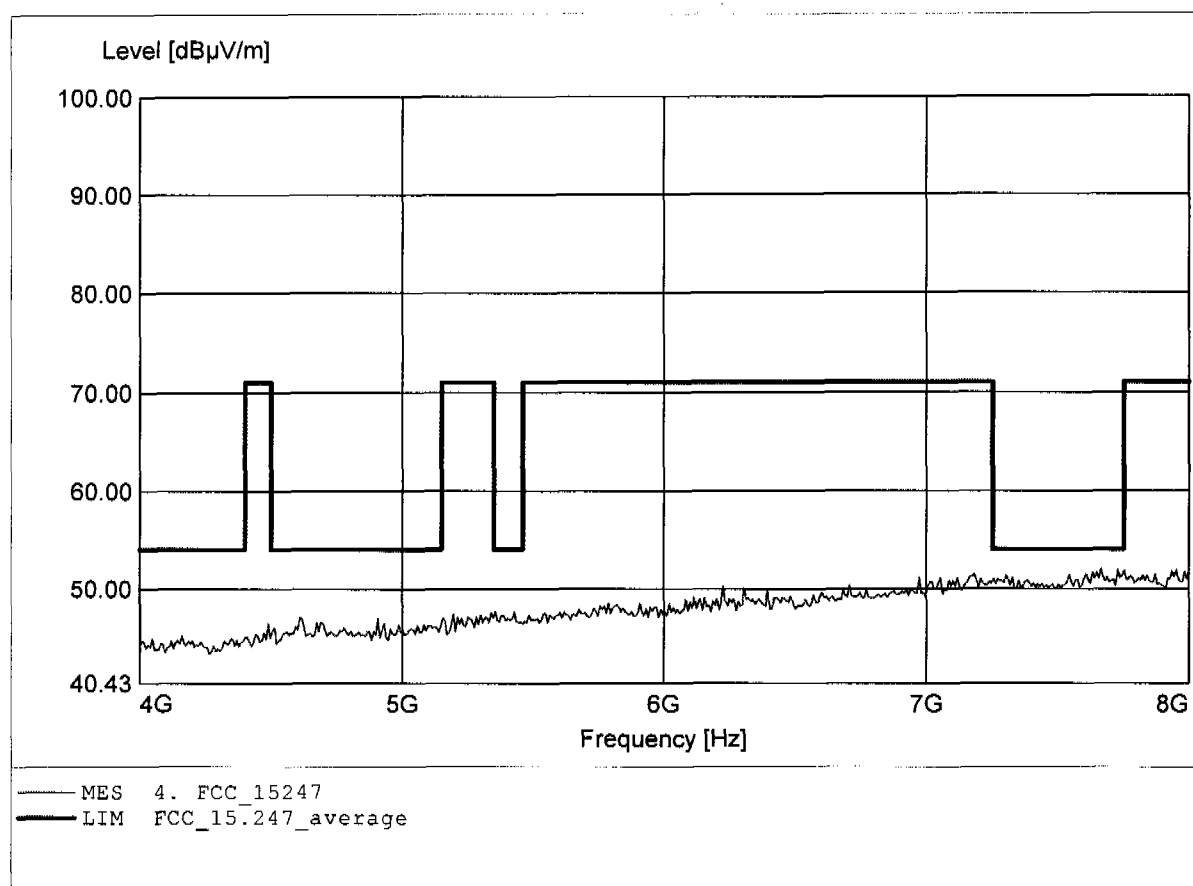
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.824GHz, Emax: 52.12dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

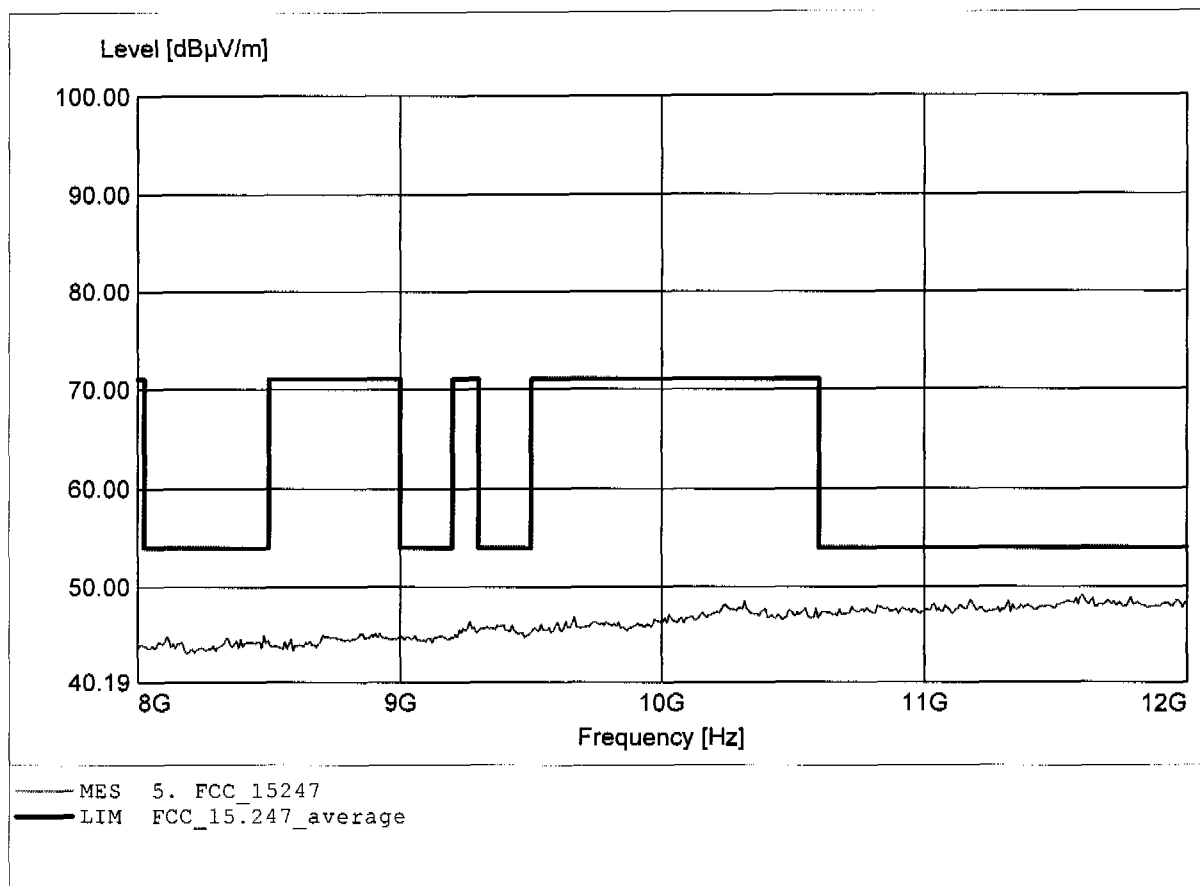
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 7.663GHz, Emax: 52.02dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

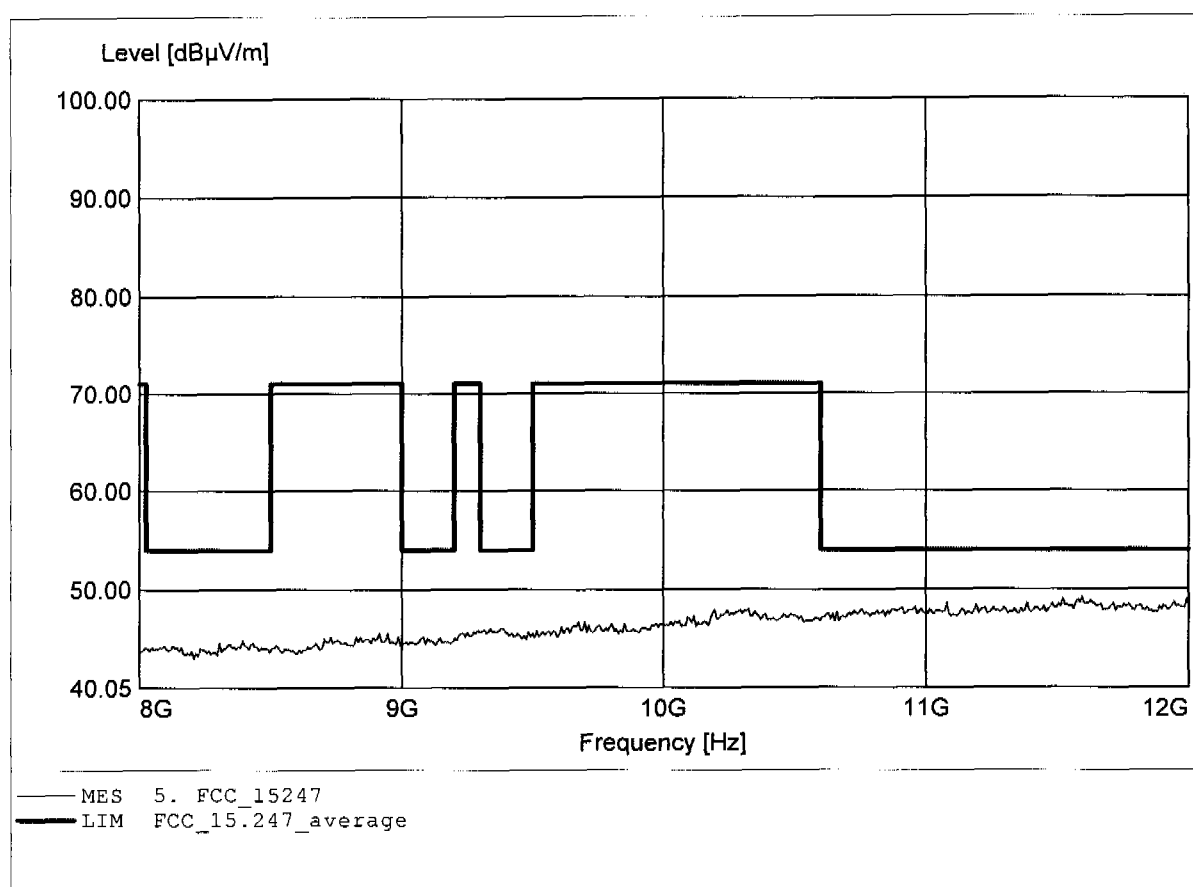
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.599GHz, Emax: 49.13dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

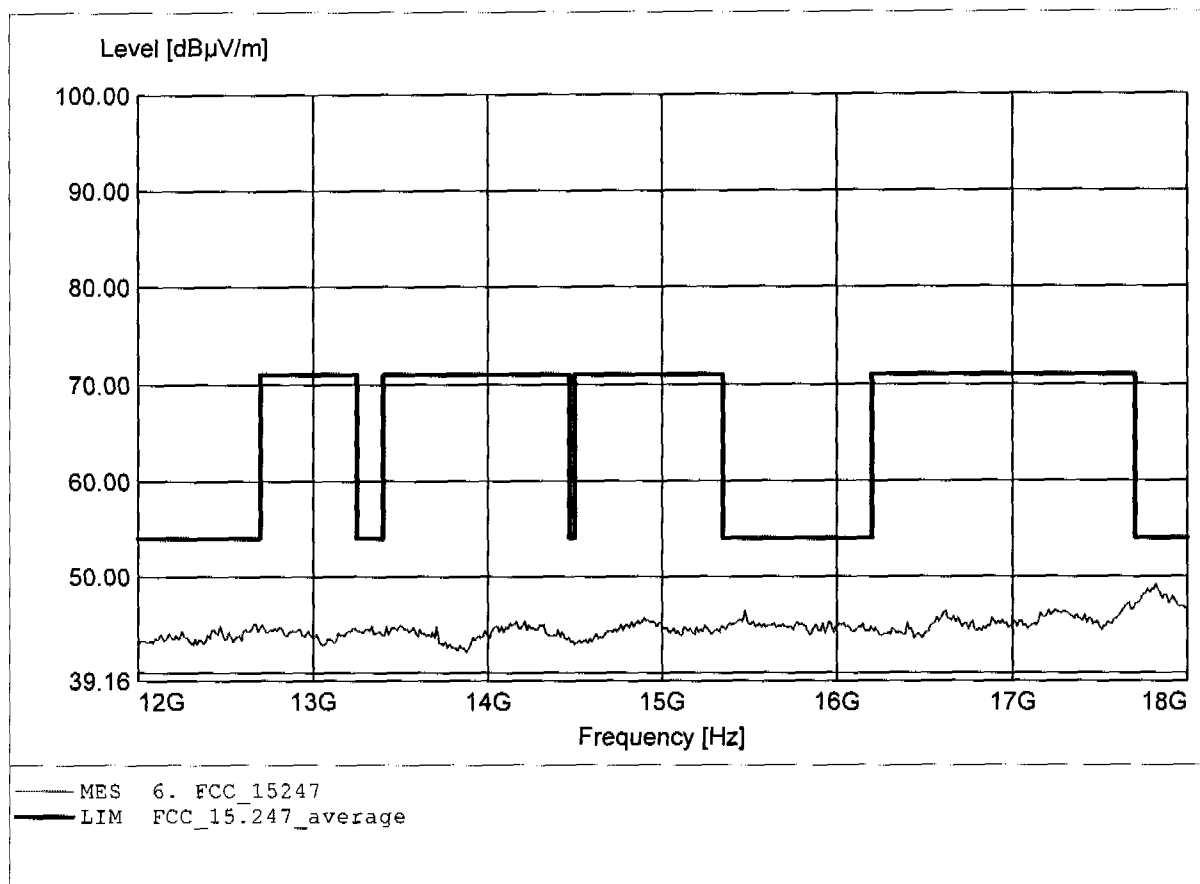
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to §15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 11.591GHz, Emax: 49.19dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

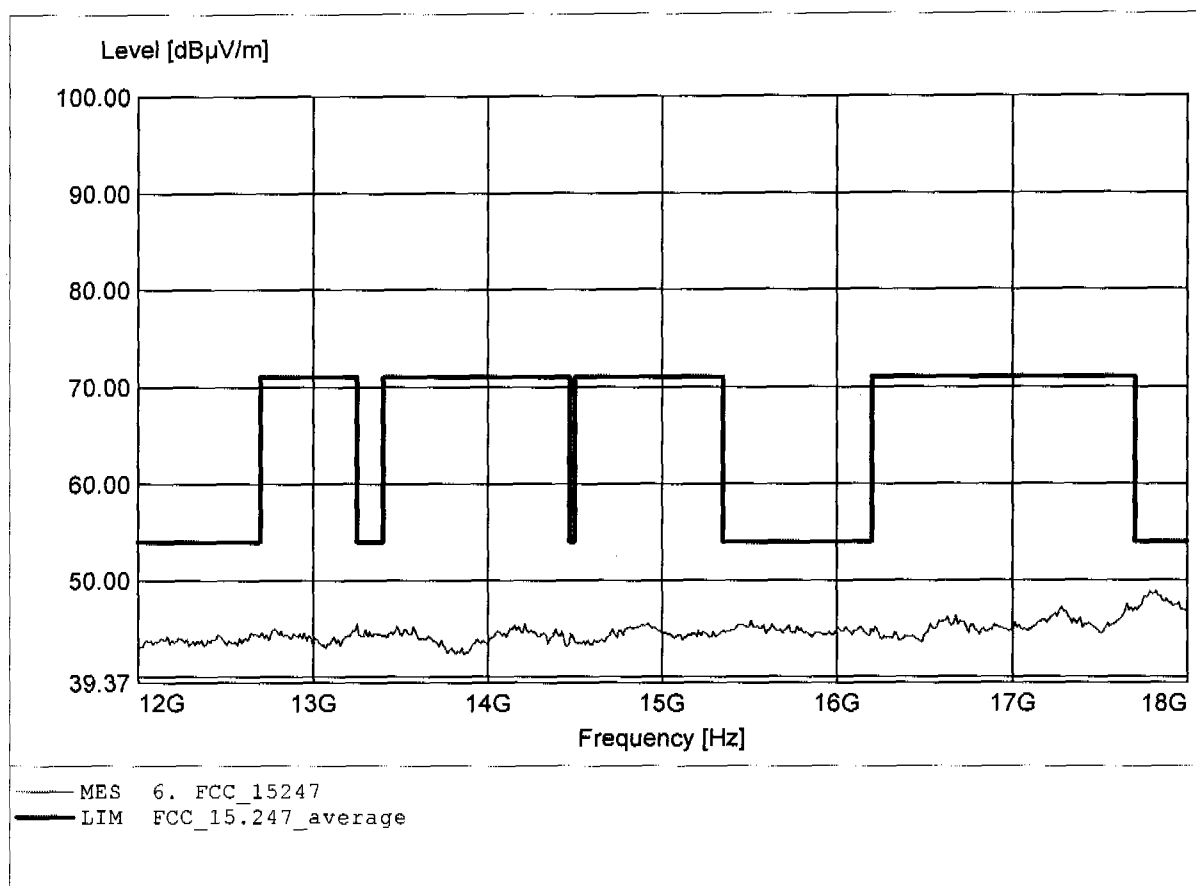
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co.,Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.:12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.820GHz, Emax: 49.21dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

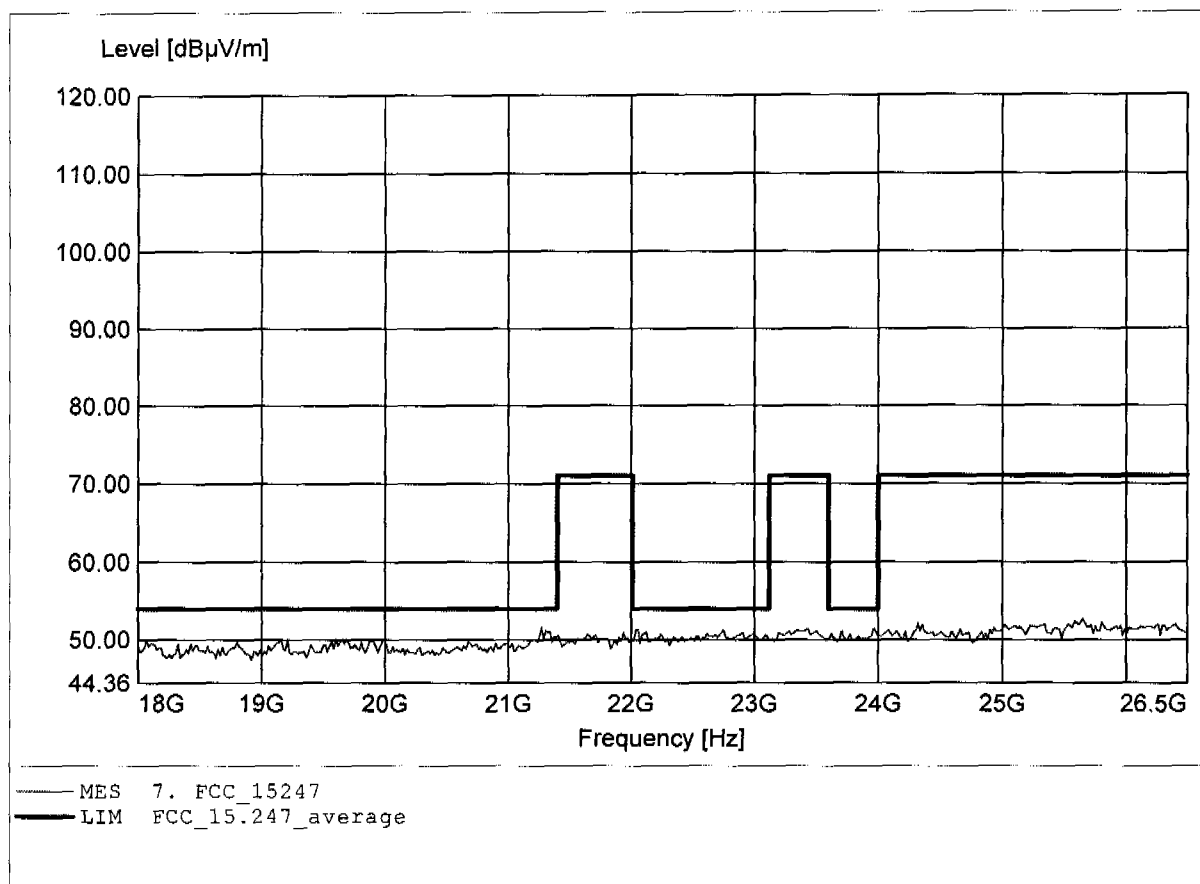
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Freq: 17.820GHz, Emax: 48.84dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

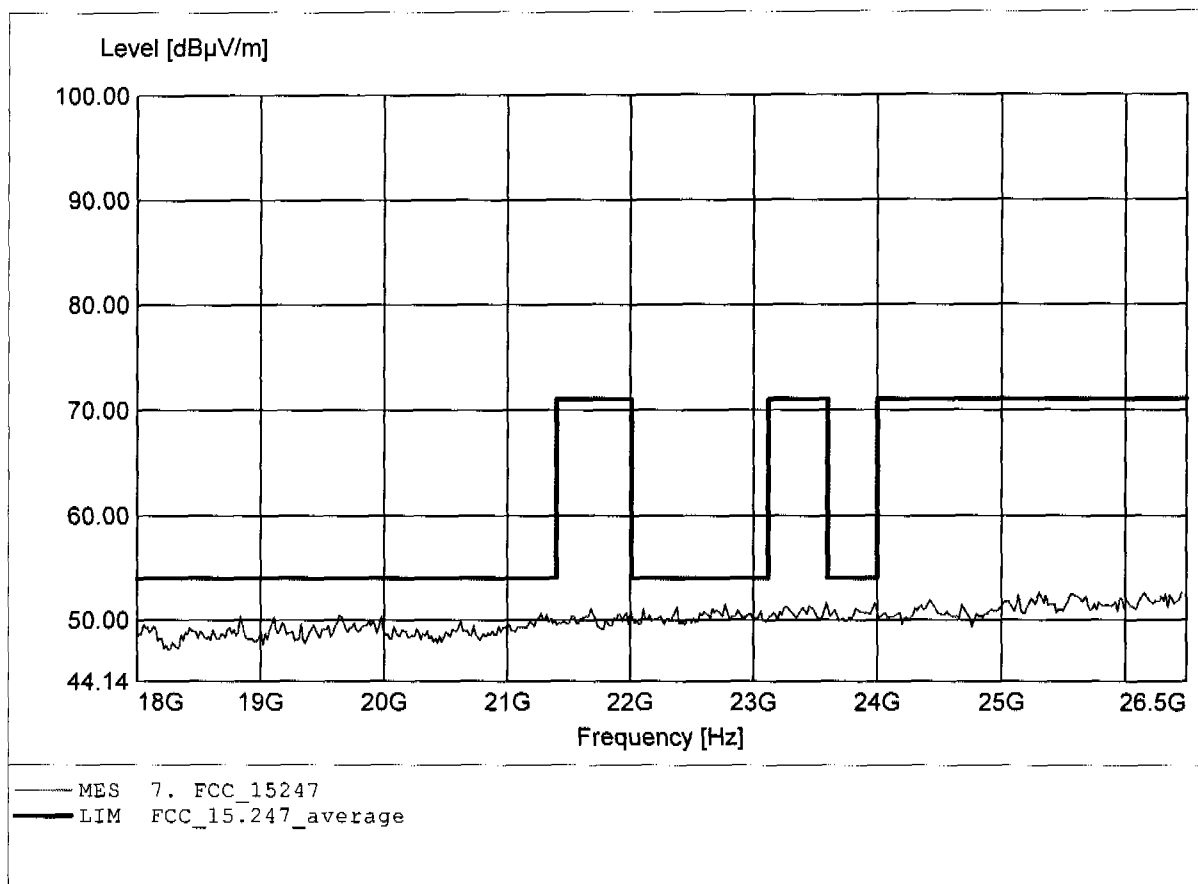
EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.648GHz, Emax: 52.62dBμV/m, RBW: 1MHz



Spurious emissions Field Strength

FCC RULES PART 15, SUBPART C

EUT: BLUETOOTH HAND-FREE CAR KIT
MODEL NO.: BT-3121CK / High Channel
Approval Holder: J-Three International Holding Co., Ltd.
Test Site / Operator: ETS / Catey Lee
Temperature/Voltage: Temp.: 23°C/ Unom.: 12VDC
Test Specification: according to S15.247, peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Freq: 25.308GHz, Emax: 52.68dBμV/m, RBW: 1MHz



Appendix D

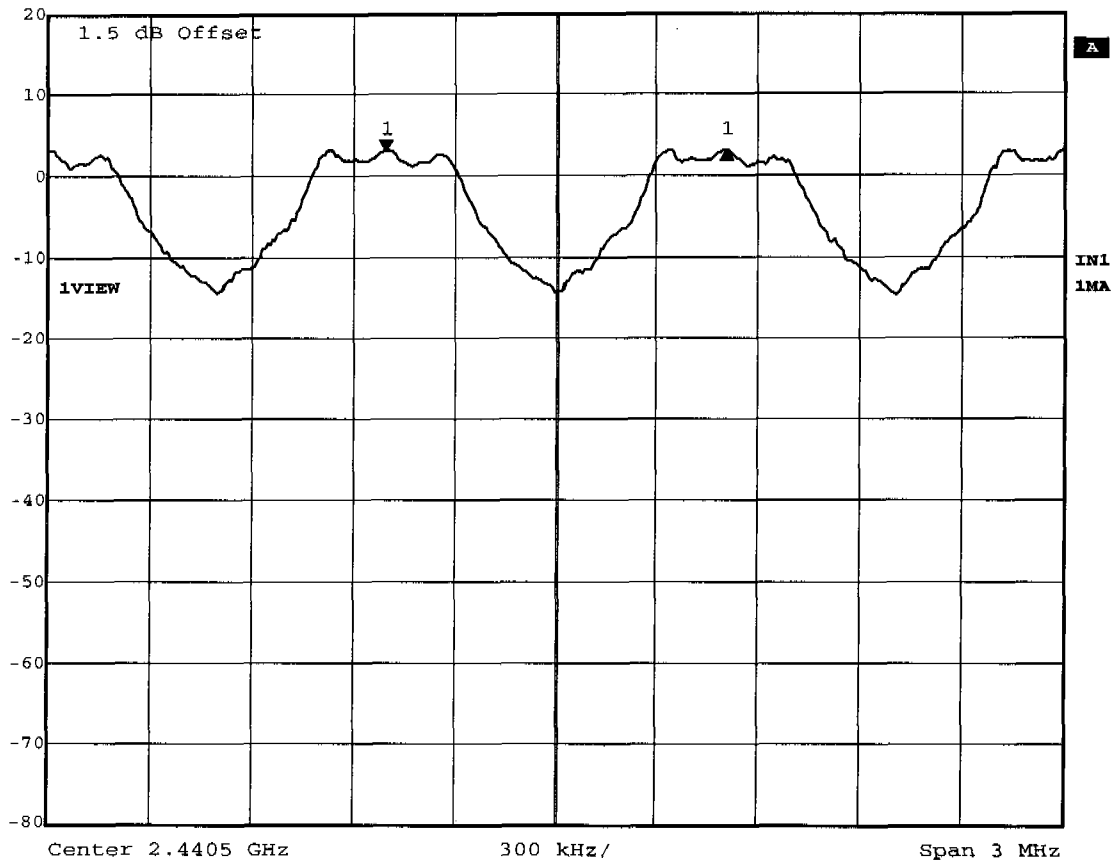
Spurious Emissions conducted - Transmitter operating

Appendix E

Carrier Frequency Separation



Delta 1 [T1] RBW 100 kHz RF Att 50 dB
Ref Lvl -0.05 dB VBW 100 kHz
20 dBm 1.01002004 MHz SWT 5 ms Unit dBm



Title: FREQUENCY SEPARATION CH38 & CH39
Date: 13.APR.2004 00:56:30

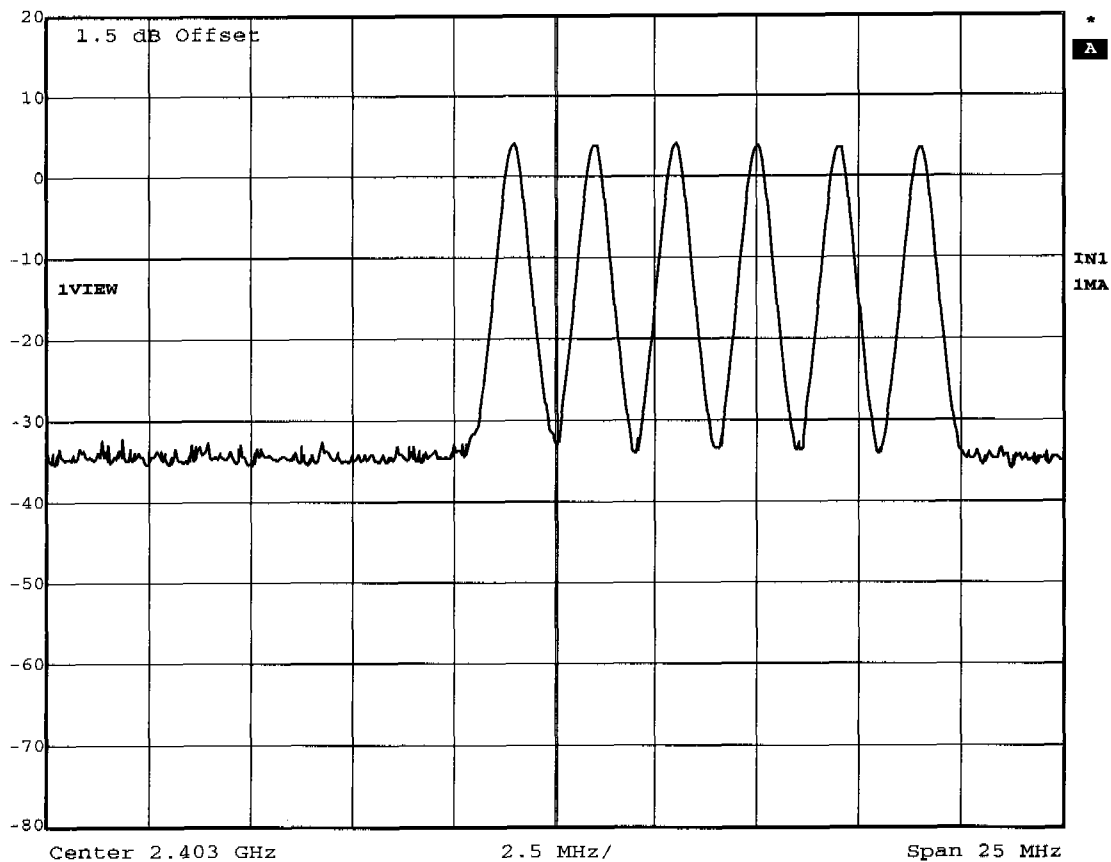
Appendix F

Number of Hopping Frequencies



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

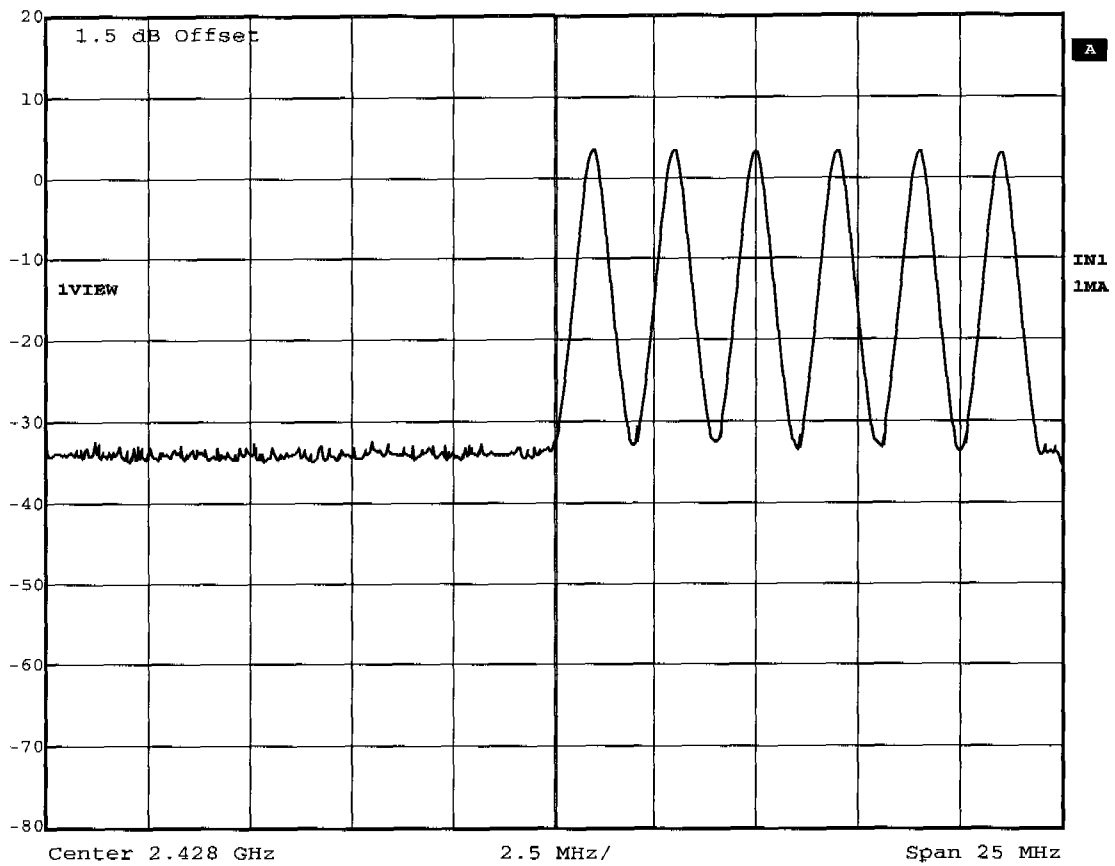


Title: Number of Hopping Frequencies(MASTER INQUIRY MODE)
Date: 13.APR.2004 00:53:06



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

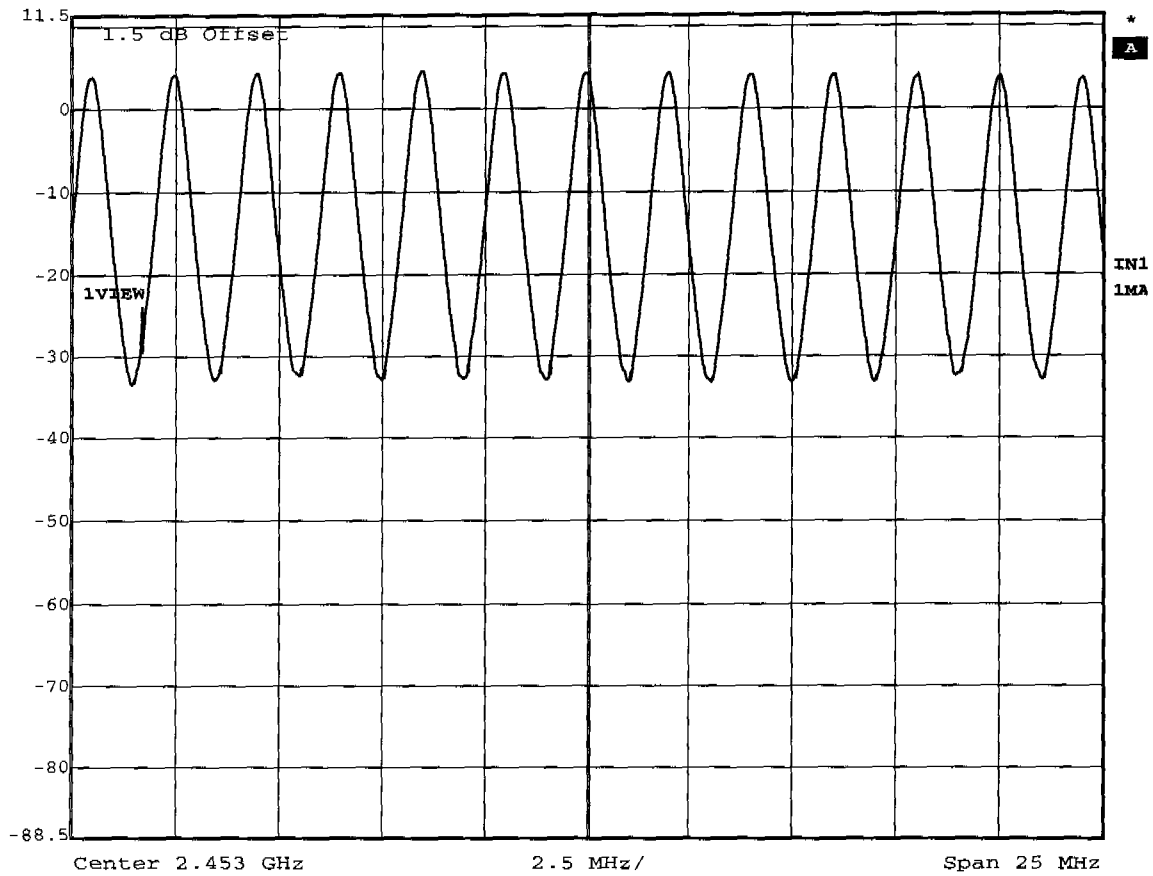


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Date: 12.APR.2004 23:27:58



Ref Lvl
11.5 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

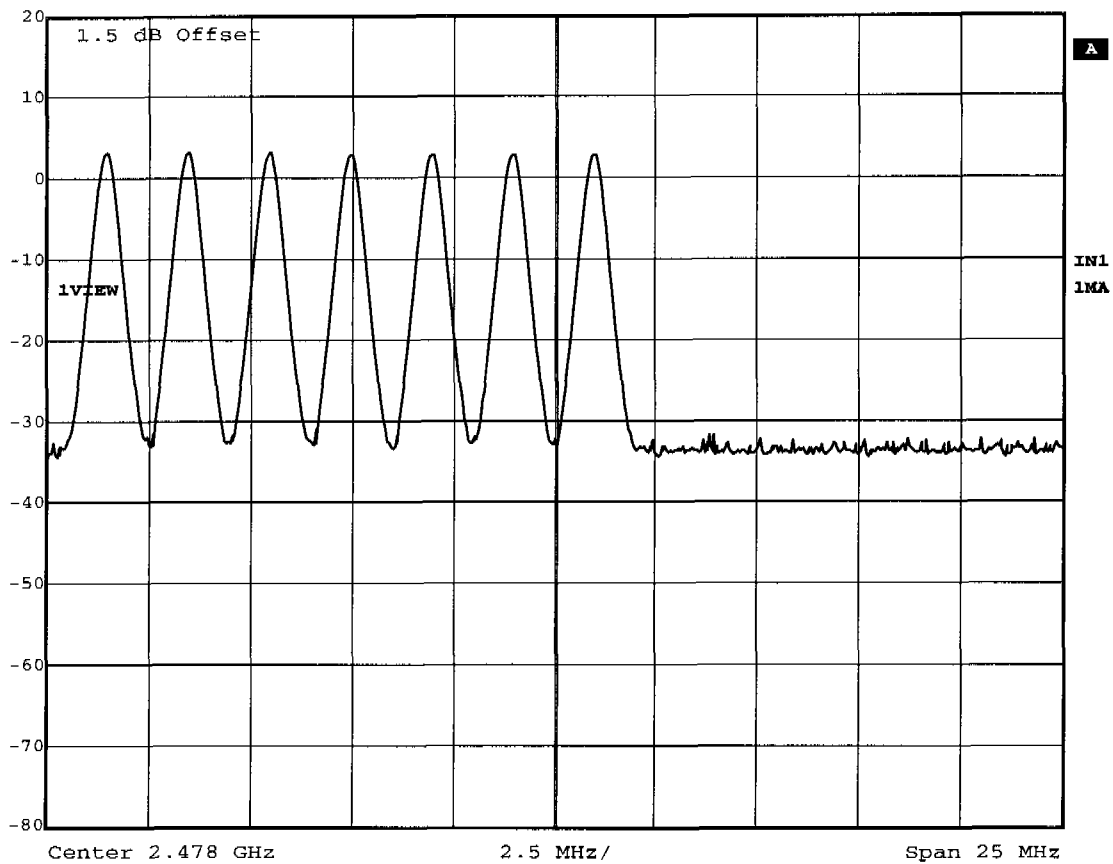


Title: Number of Hopping Frequency (Master Inquiry Mode)
Date: 28.APR.2004 20:45:20



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

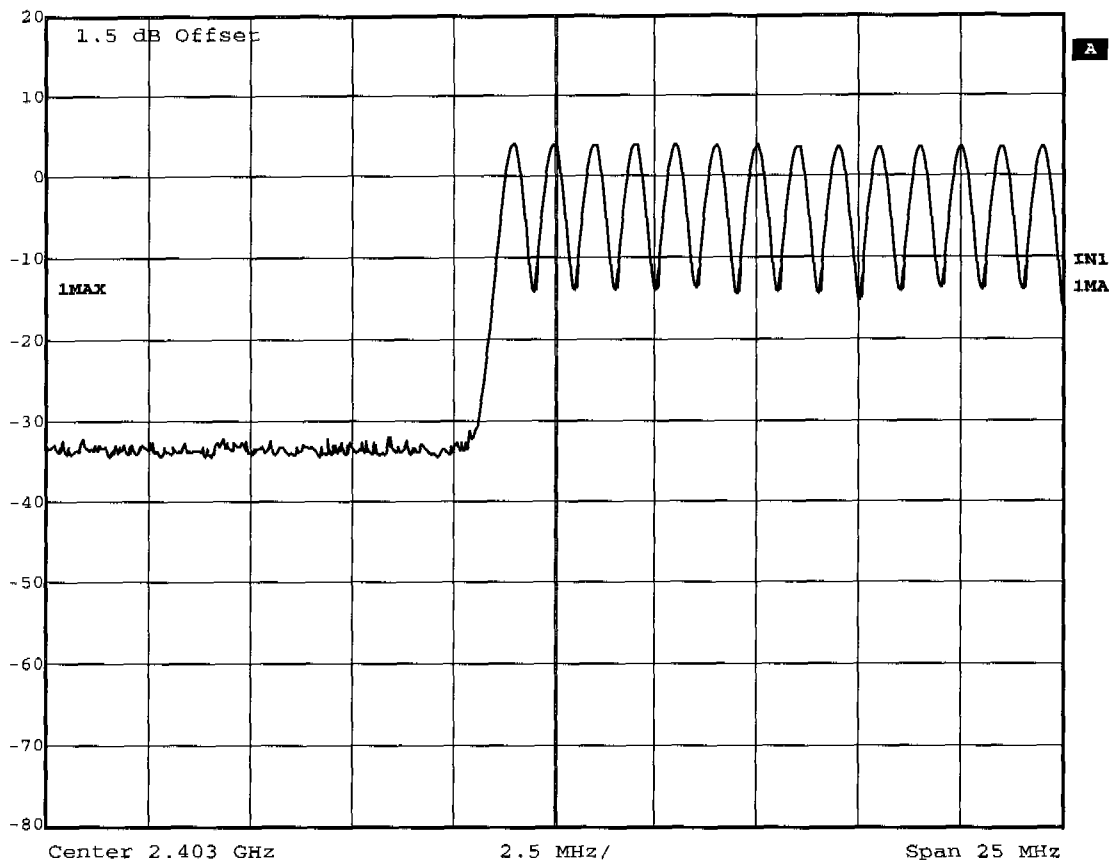


Title: Number of Hopping Frequencies (Master Inquiry Mode)
Date: 12.APR.2004 23:54:36



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

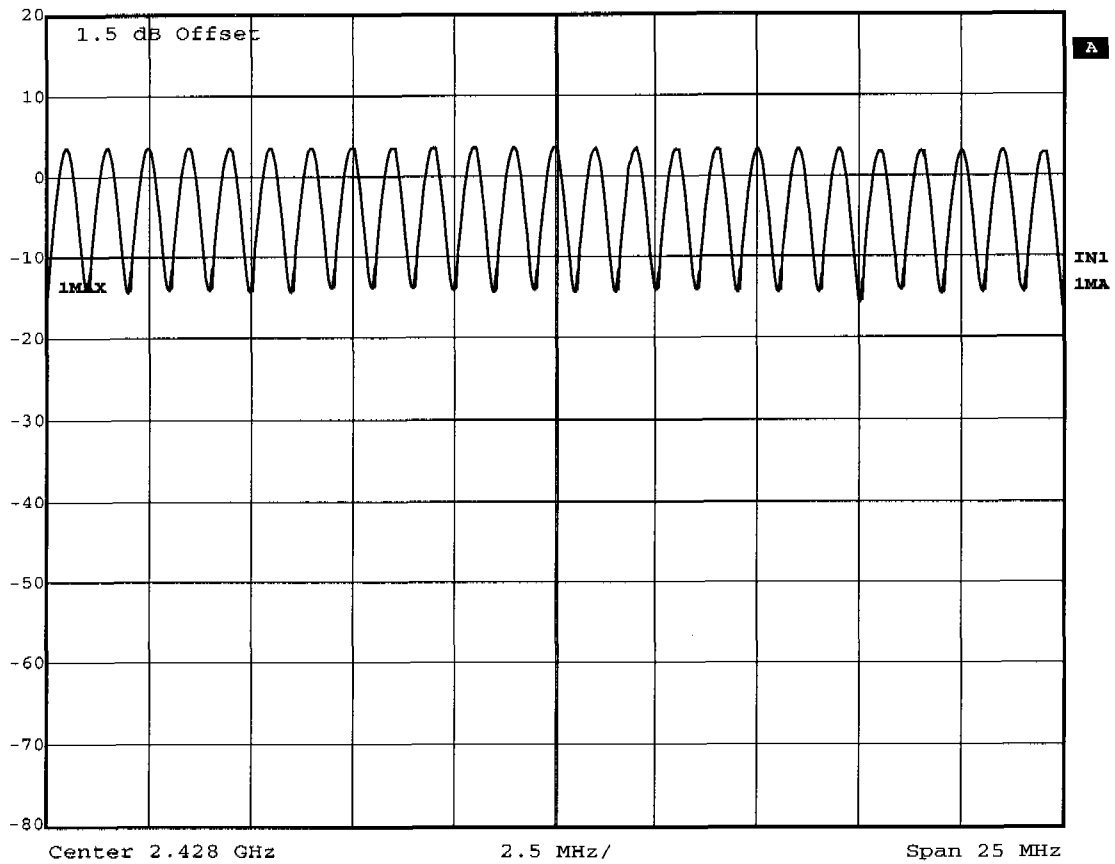


Title: Number of Hopping Frequencies(CH:.0-13)
Date: 13.APR.2004 01:19:21



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

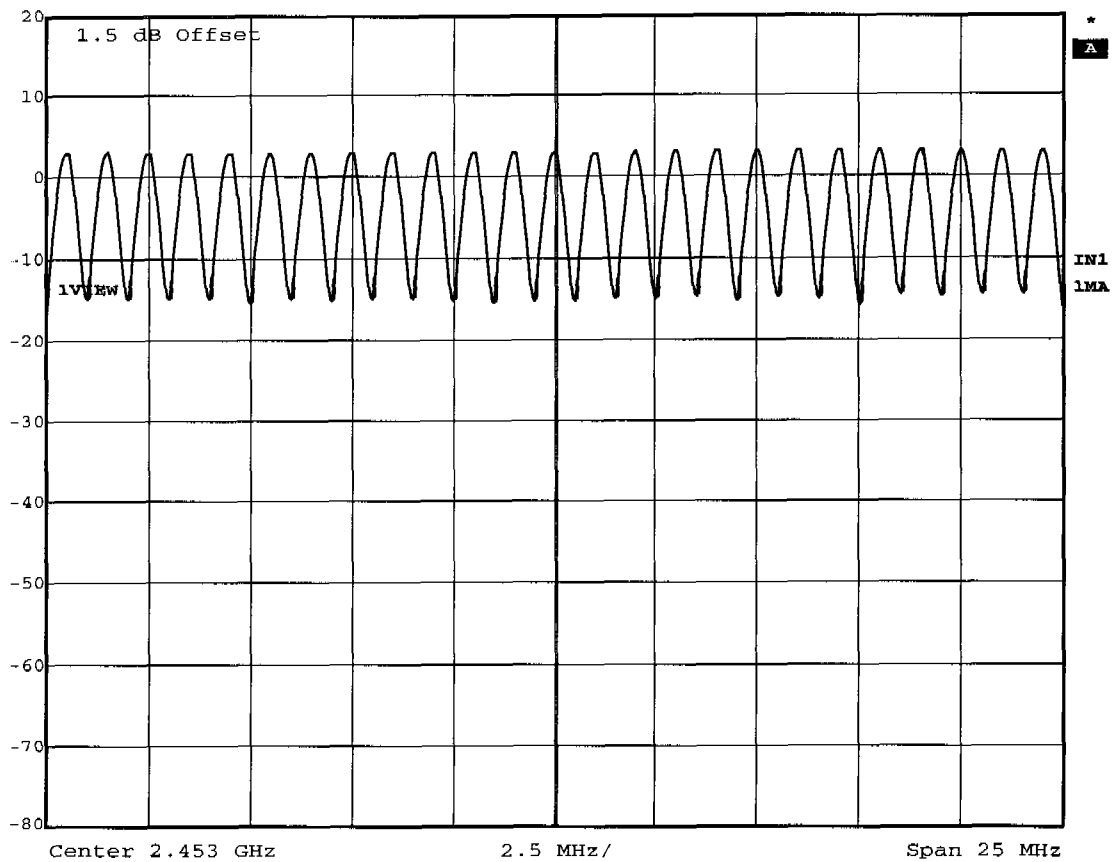


Title: Number of Hopping Frequencies(CH:.14-38)
Date: 13.APR.2004 01:21:51



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm

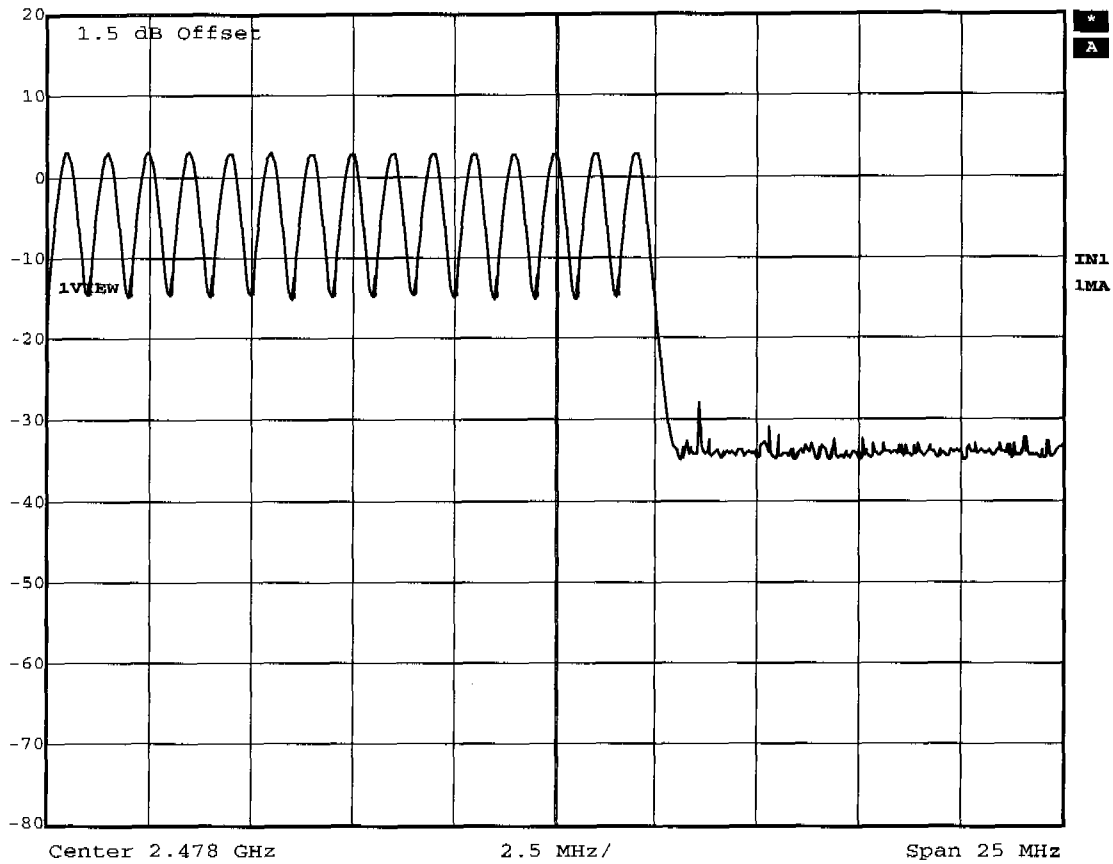


Title: Number of Hopping Frequencies(CH:.39-63)
Date: 13.APR.2004 00:41:00



Ref Lvl
20 dBm

RBW 300 kHz RF Att 50 dB
VBW 300 kHz
SWT 100 ms Unit dBm



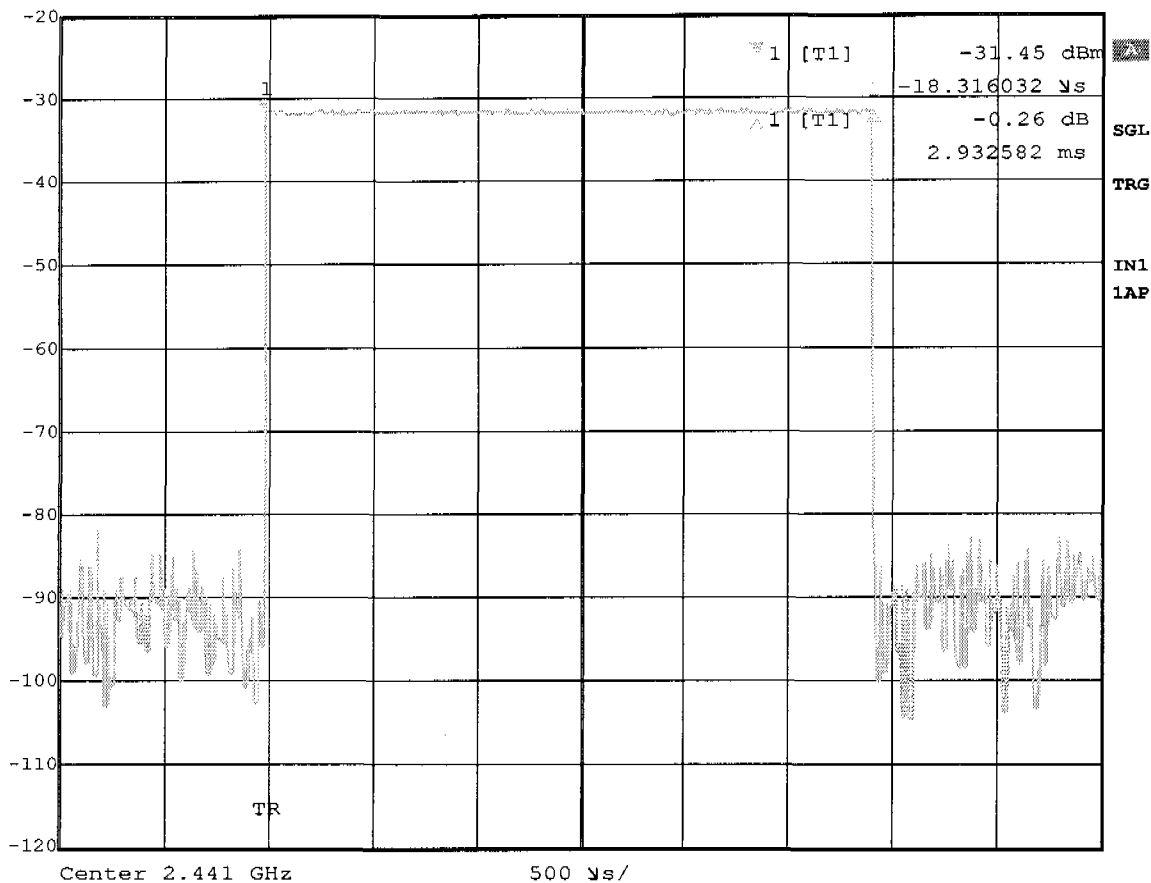
Title: Number of Hopping Frequencies(CH:.64-78)
Date: 13.APR.2004 01:15:50

Appendix G

Time of Occupancy (Dwell Time)



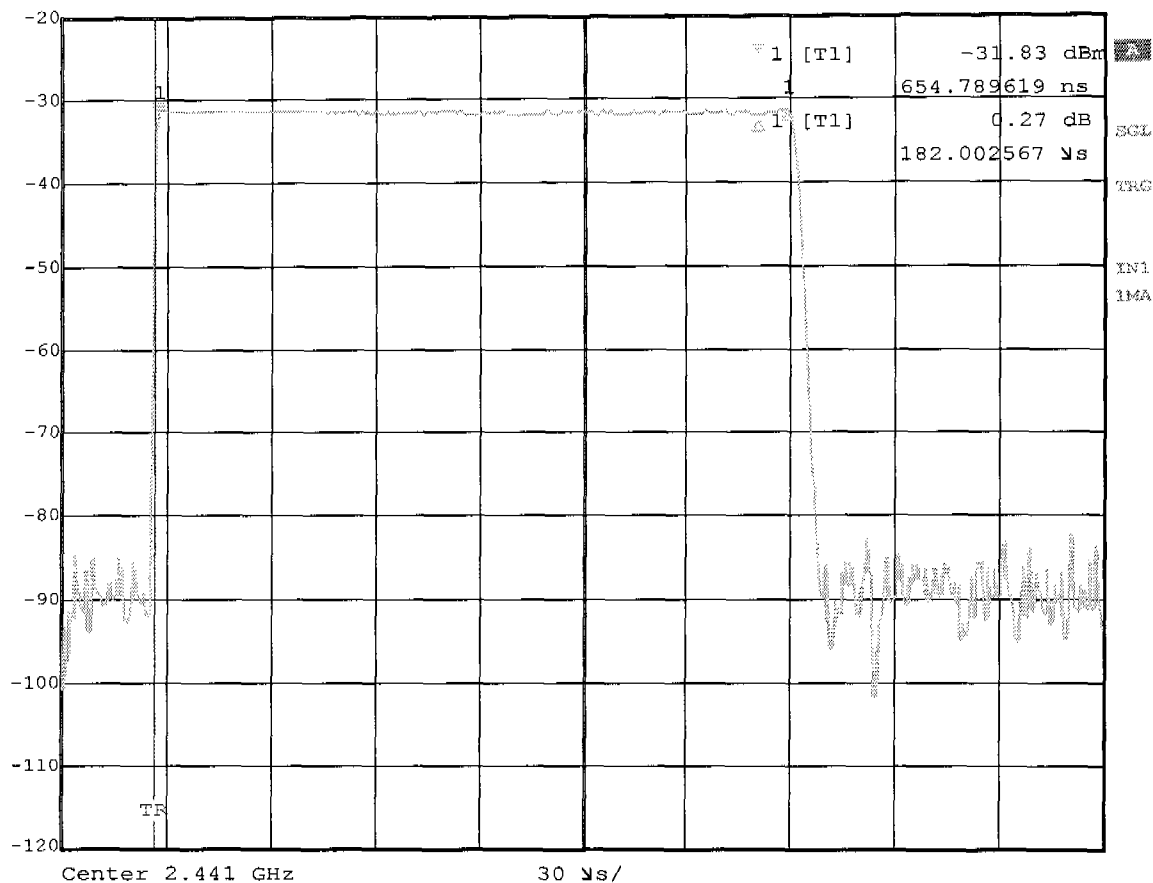
Marker 1 [T1] RBW 1 MHz RF Att 0 dB
Ref Lvl -31.45 dBm VBW 1 MHz
-20 dBm -18.316032 μ s SWT 5 ms Unit dBm



Title: Time of occupancy (Hopping DH5) 64 events * 2.932ms = 187.648ms
Date: 15.APR.2004 11:12:32



Marker 1 [T1] RBW 1 MHz RF Att 0 dB
Ref Lvl -31.83 dBm VBW 1 MHz
-20 dBm 654.789619 ns SWT 300 μ s Unit dBm



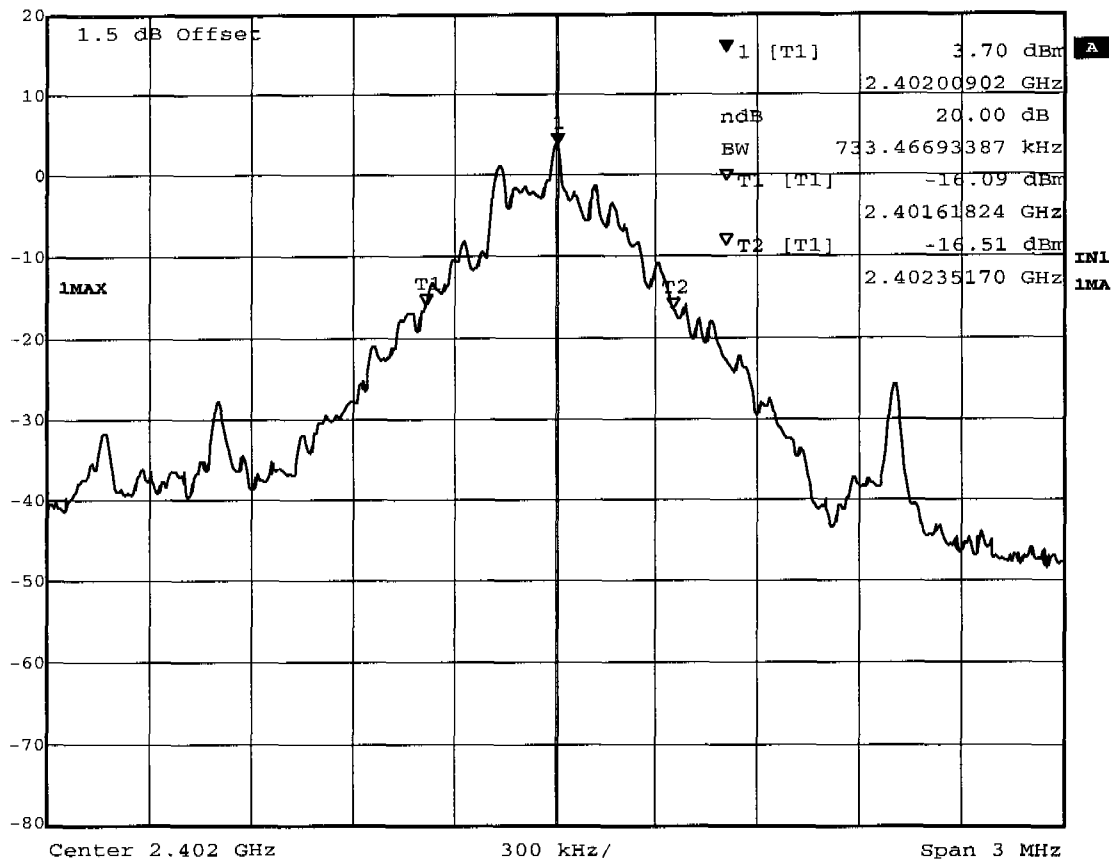
Title: Time of occupancy (Inquiry mode) 487 events * 0.18ms = 87.66ms
Date: 15.APR.2004 10:55:27

Appendix H

20dB Bandwidth



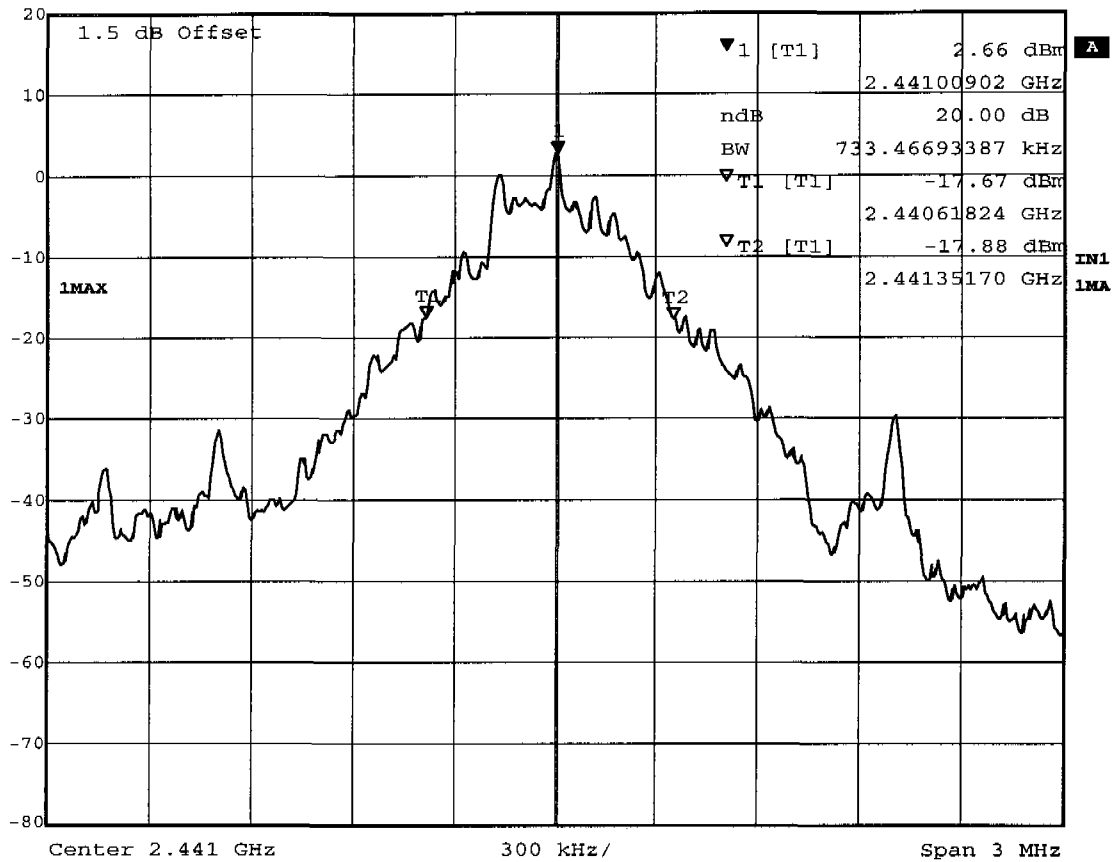
Marker 1 [T1 ndB] RBW 20 kHz RF Att 30 dB
Ref Lvl ndB 20.00 dB VBW 100 kHz
20 dBm BW 733.46693387 kHz SWT 20 ms Unit dBm



Title: Low Channel 20dB Bandwidth
Date: 12.APR.2004 22:22:01



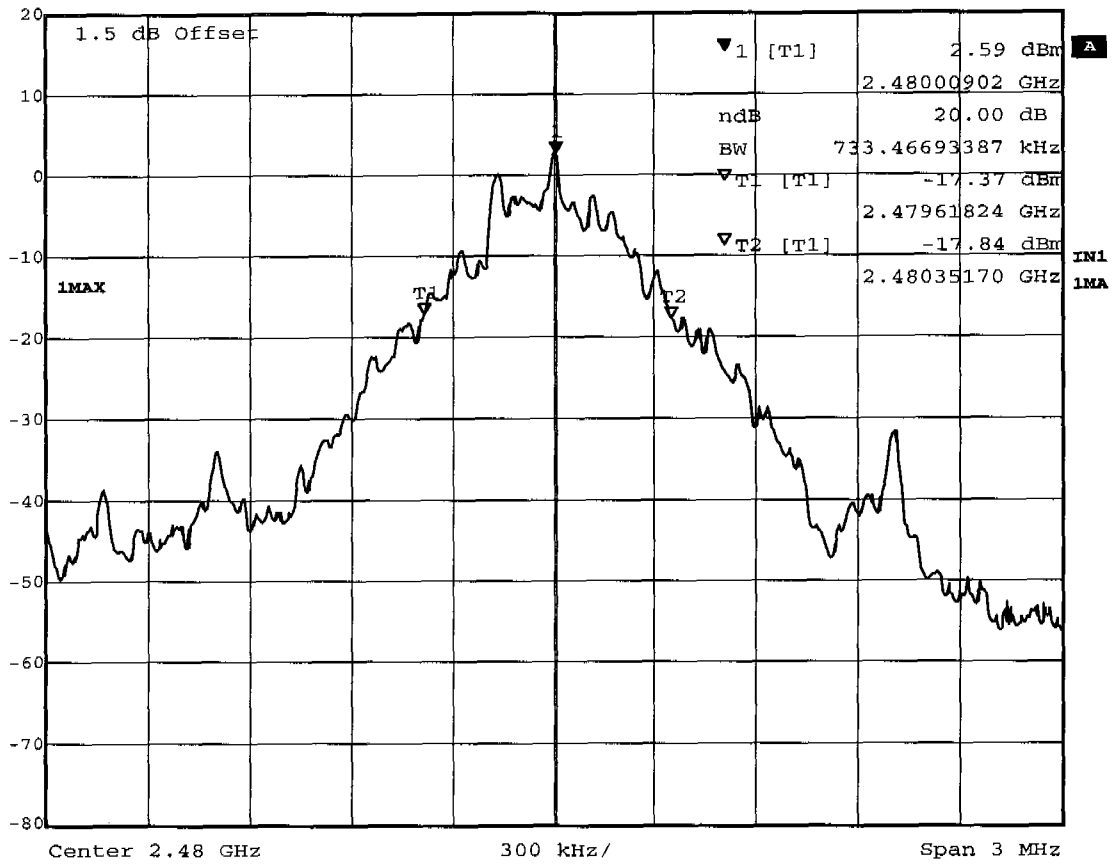
Marker 1 [T1 ndB] RBW 20 kHz RF Att 30 dB
Ref Lvl ndB 20.00 dB VBW 100 kHz
20 dBm BW 733.46693387 kHz SWT 20 ms Unit dBm



Title: Middle Channel 20dB Bandwidth
Date: 12.APR.2004 22:23:53



Marker 1 [T1 ndB] RBW 20 kHz RF Att 30 dB
Ref Lvl ndB 20.00 dB VBW 100 kHz
20 dBm BW 733.46693387 kHz SWT 20 ms Unit dBm



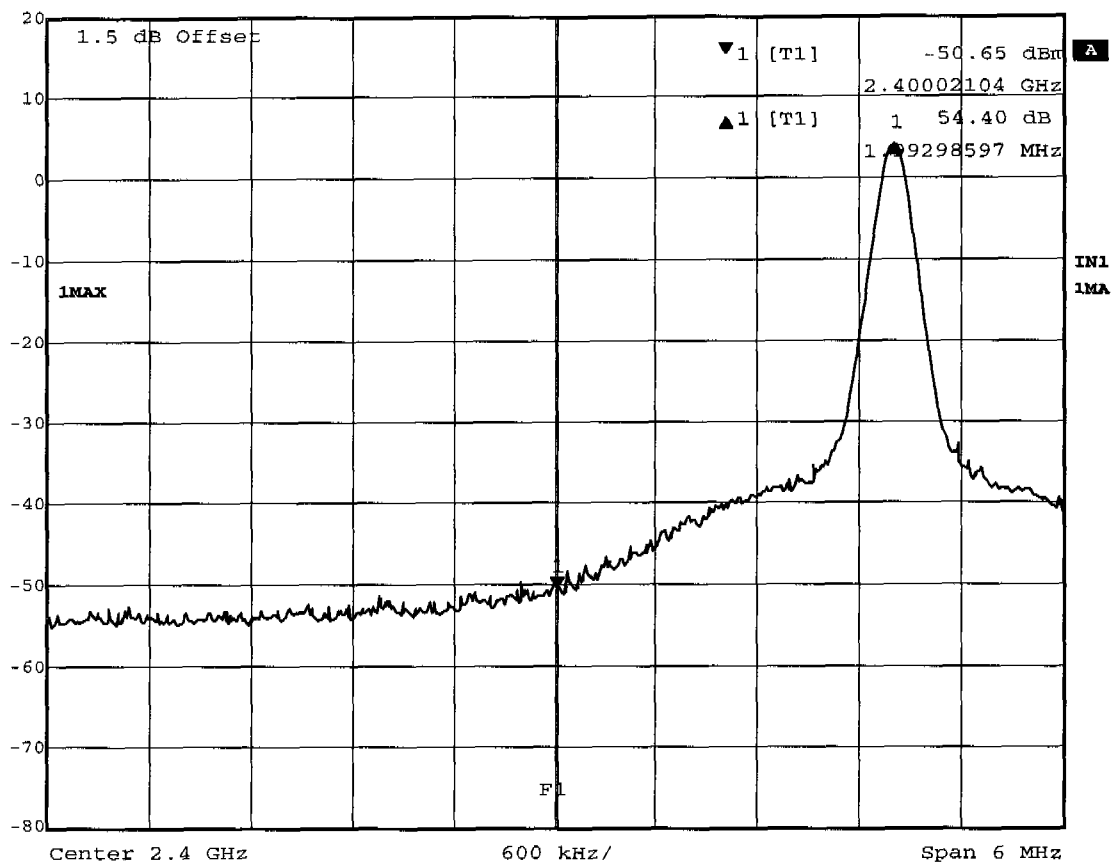
Title: High Channel 20dB Bandwidth
Date: 12.APR.2004 22:23:06

Appendix I

Band-edge Compliance of RF Emissions



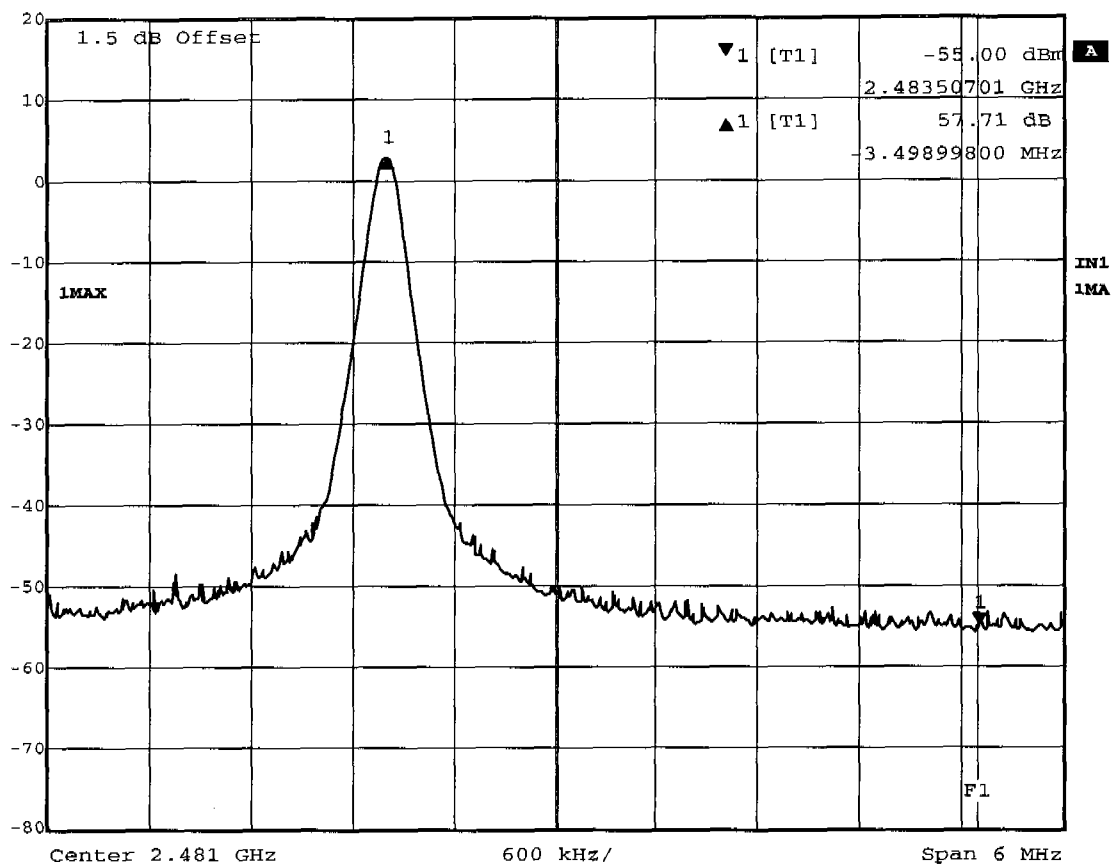
Delta 1 [T1] RBW 100 kHz RF Att 30 dB
Ref Lvl 54.40 dB VBW 100 kHz
20 dBm 1.99298597 MHz SWT 5 ms Unit dBm



Title: Band-edge compliance (conducted, single mode)
Date: 13.APR.2004 01:03:05



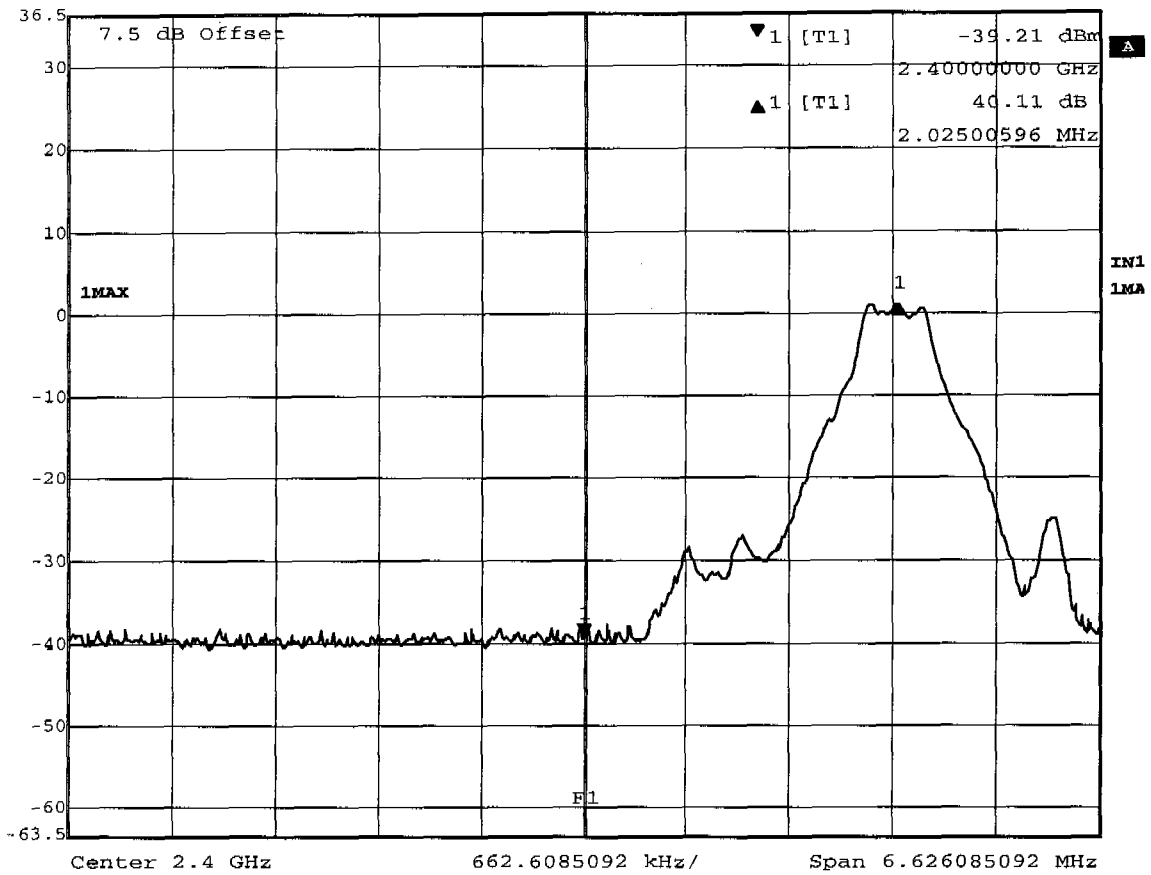
Delta 1 [T1] RBW 100 kHz RF Att 30 dB
Ref Lvl 57.71 dB VBW 100 kHz
20 dBm -3.49899800 MHz SWT 5 ms Unit dBm



Title: Band-edge compliance (conducted, single mode)
Date: 13.APR.2004 01:06:20



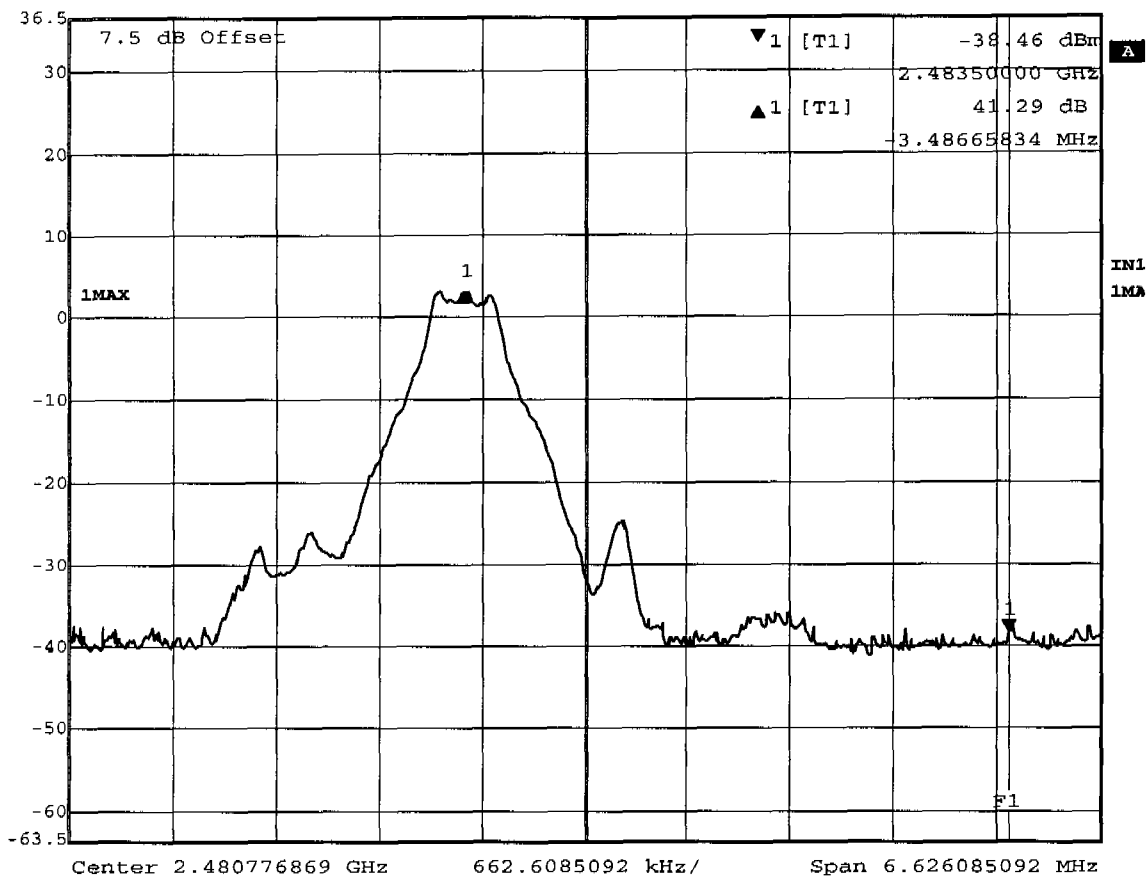
Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 40.11 dB VBW 100 kHz
36.5 dBm 2.02500596 MHz SWT 5 ms Unit dBm



Title: Band-edge compliance (conducted, hopping mode)
Date: 15.APR.2004 09:24:33



Delta 1 [T1] RBW 100 kHz RF Att 40 dB
Ref Lvl 41.29 dB VBW 100 kHz
36.5 dBm -3.48665834 MHz SWT 5 ms Unit dBm



Title: Band-edge compliance (conducted, hopping mode)
Date: 15.APR.2004 09:21:42

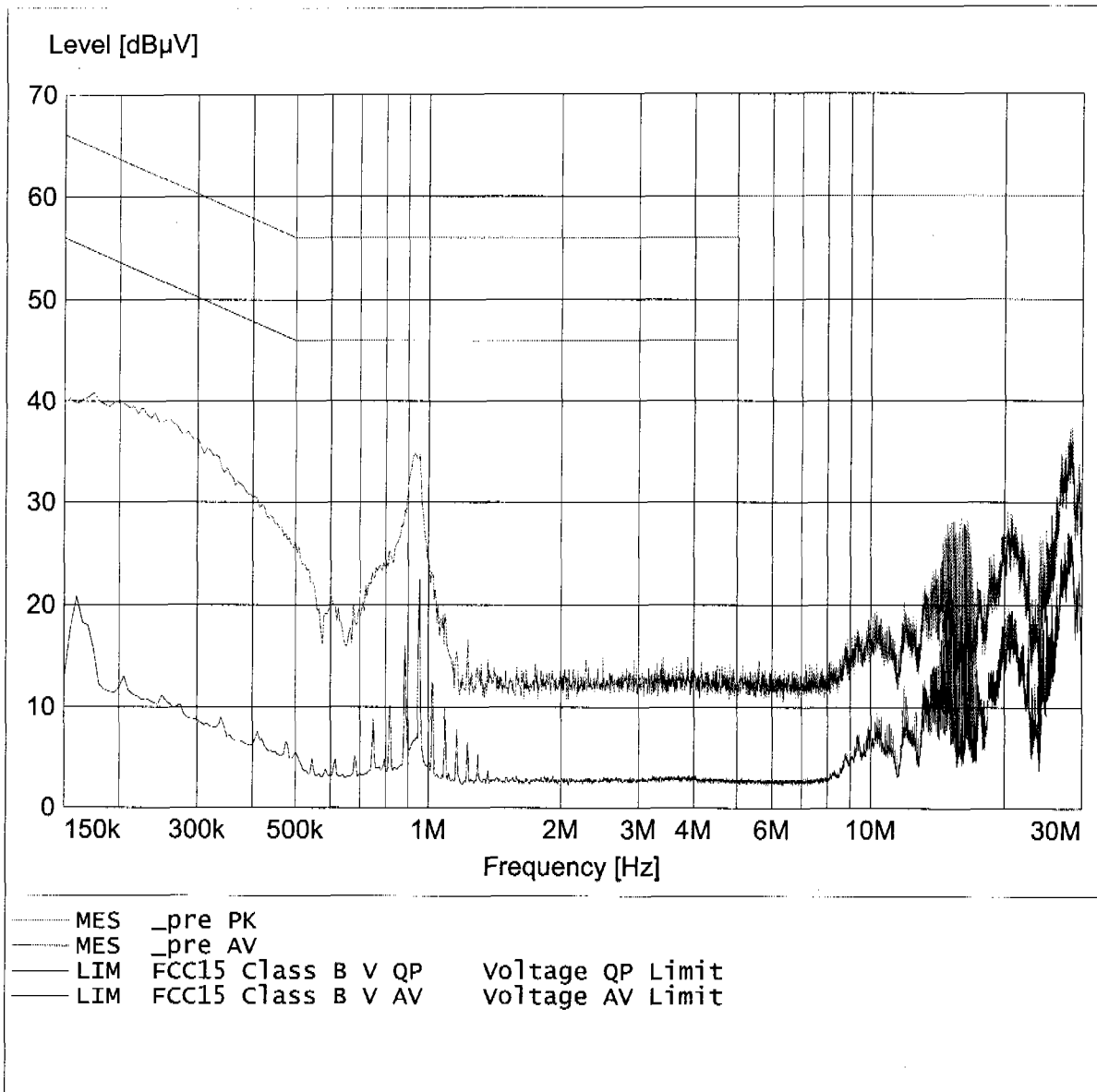
Appendix J

Conducted Measurement at (AC) Power Line

EMI voltage test in the dc-mains according to FCC Part 15

Class B

EUT: BLUETOOTH HAND-FREE CAR KIT RX mode
Manufacturer: J-Three International Holding Co.,Ltd.
Operating Condition: Unom: 12 VDC, Tnom: 25°C
Test Site: ETS
Operator: Catey Lee
Test Specification: V-network: NNBM 8126D
Comment: model: BT-3121CK mode:active



EMI voltage test in the dc-mains according to FCC Part 15

Class B

EUT: BLUETOOTH HAND-FREE CAR KIT TX mode
Approval Holder: J-Three International Holding Co.,Ltd.
Operating Condition: Unom: 12 VDC, Tnom: 25°C
Test Site: ETS
Operator: Catey Lee
Test Specification: V-network: NNBM 8126D
Comment: model: BT-3121CK mode:active

