

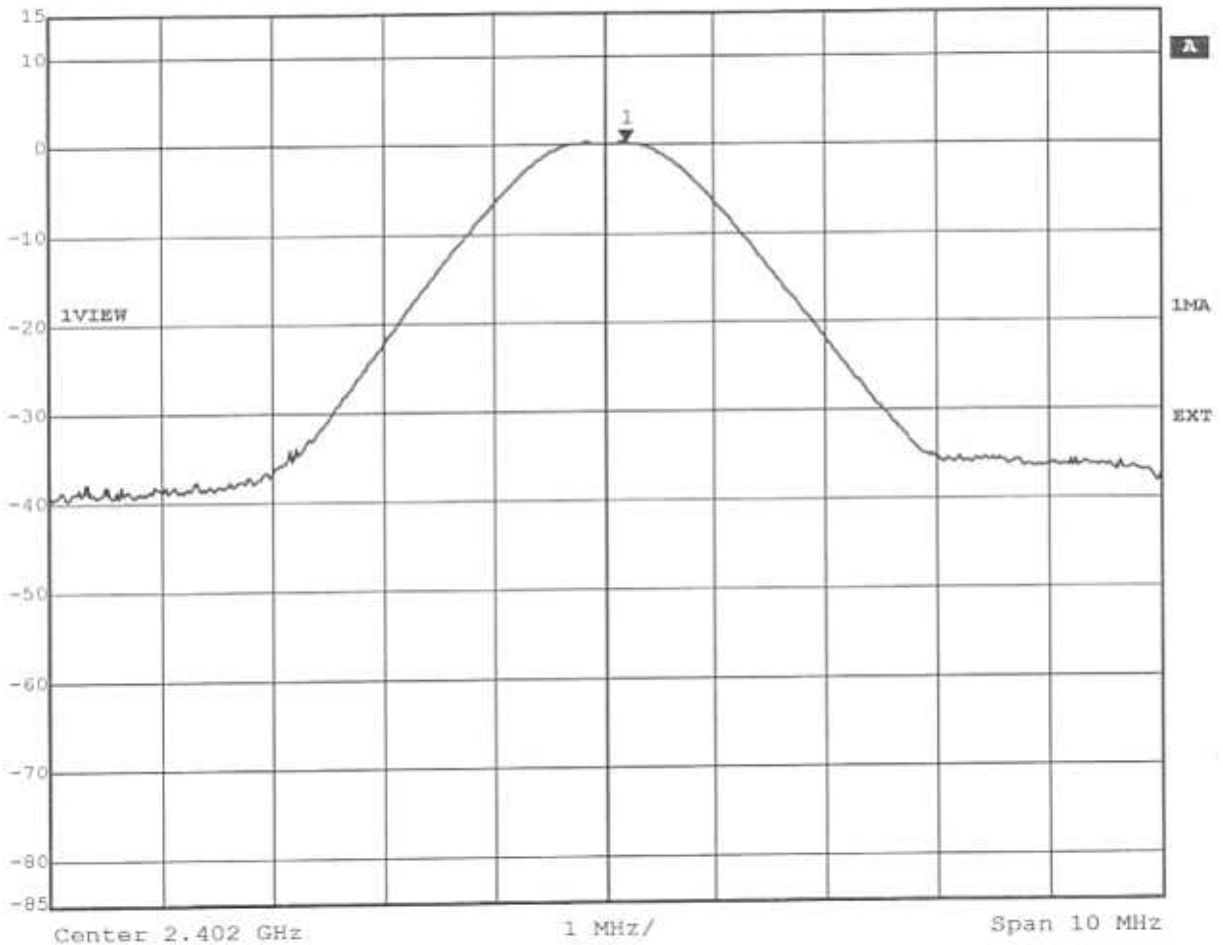


Appendix B

Peak Output Power



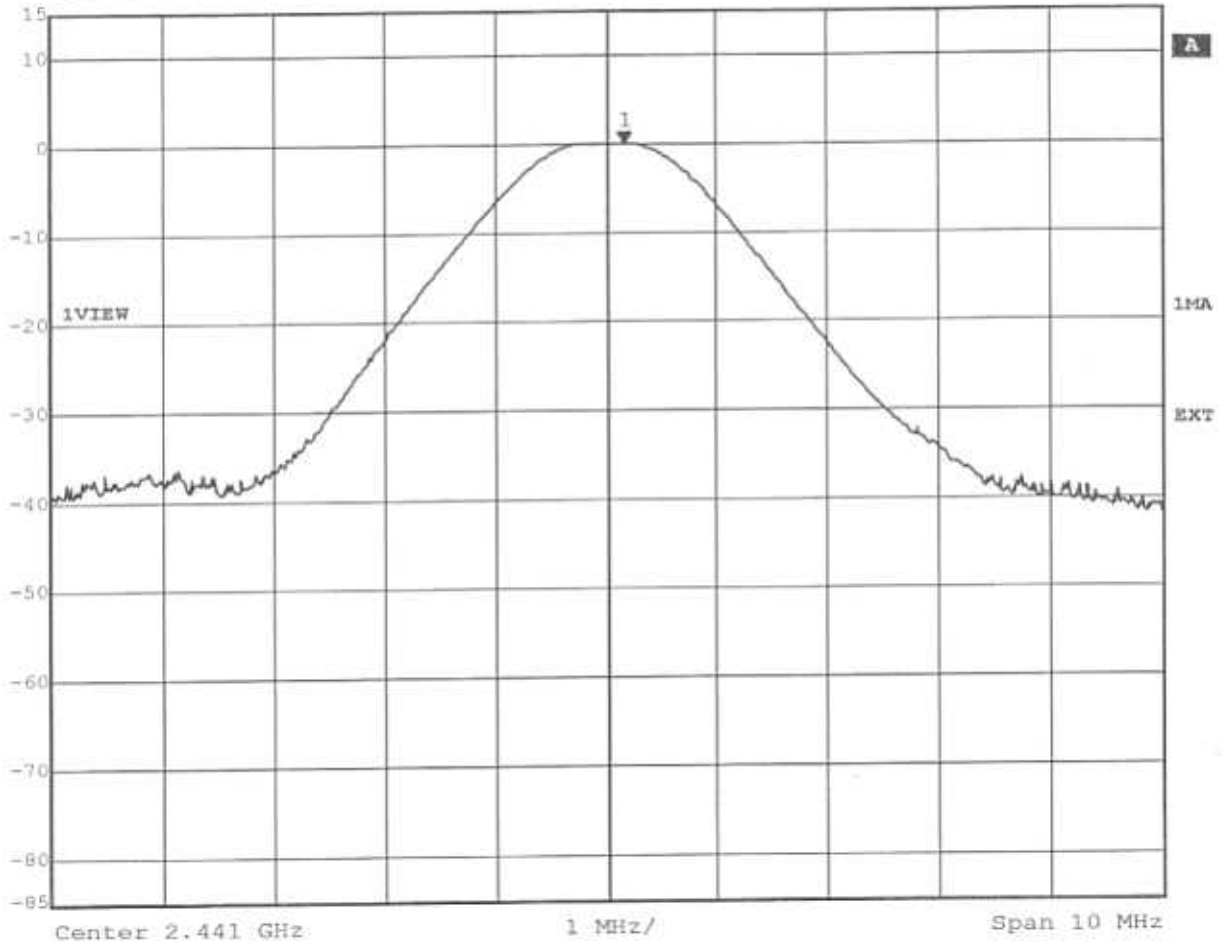
Ref Lvl	Marker 1 [T1]	RBW	1 MHz	RF Att	40 dB
15 dBm	0.03 dBm	VBW	1 MHz		
	2.40221042 GHz	SWT	5 ms	Unit	dBm



Title: Peak Output Power conducted Ch.: 0
Comment A: Alps Bluetooth Module UGPZ2
Date: 13.JUN.2002 12:30:20



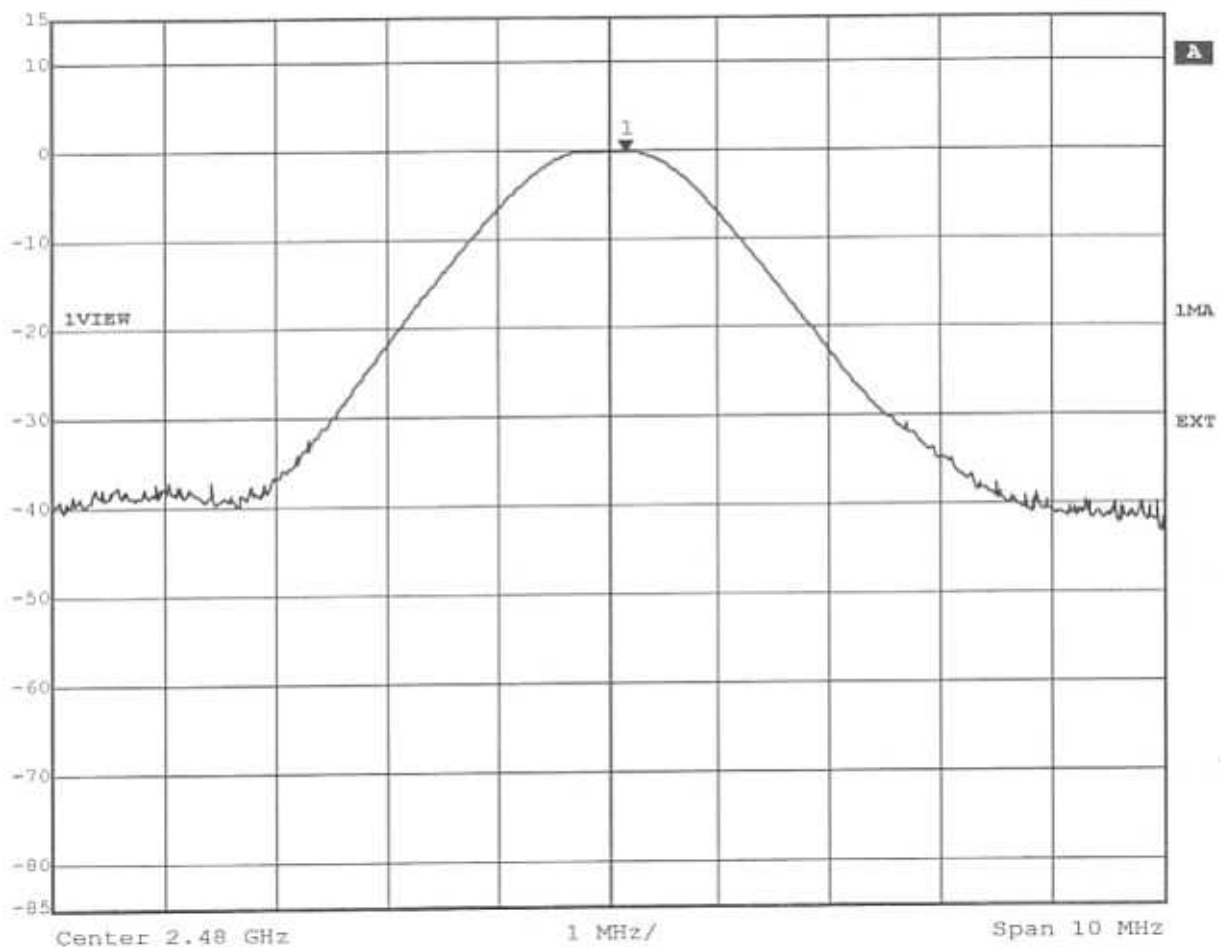
Ref Lvl	15 dBm	Marker 1 [T1]	2.44117034 GHz	-0.04 dBm	RBW	1 MHz	RF Att	40 dB	VEW	1 MHz	SWT	5 ms	Unit	dBm
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Title: Peak Output Power conducted Ch.: 39
Comment A: Alps Bluetooth Module UGP22
Date: 13.JUN.2002 12:31:37



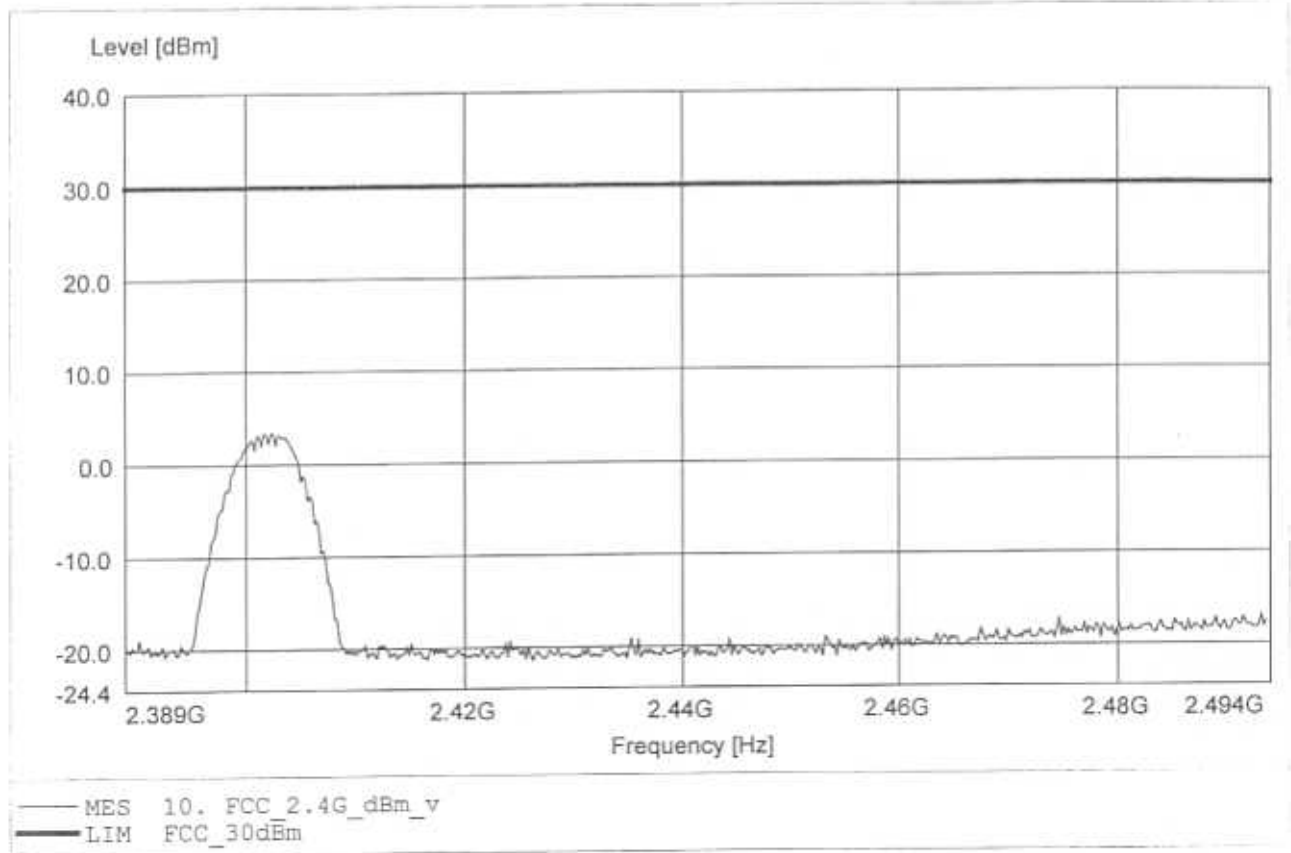
Ref Lvl	15 dBm	Marker 1 [T1]	2.48017034 GHz	RBW	1 MHz	RF Att	40 dB
				VBW	1 MHz		
				SWT	5 ms	Unit	dBm



Title: Peak Output Power conducted Ch.: 78
Comment A: Alps Bluetooth Module UGP22
Date: 13.JUN.2002 12:32:58

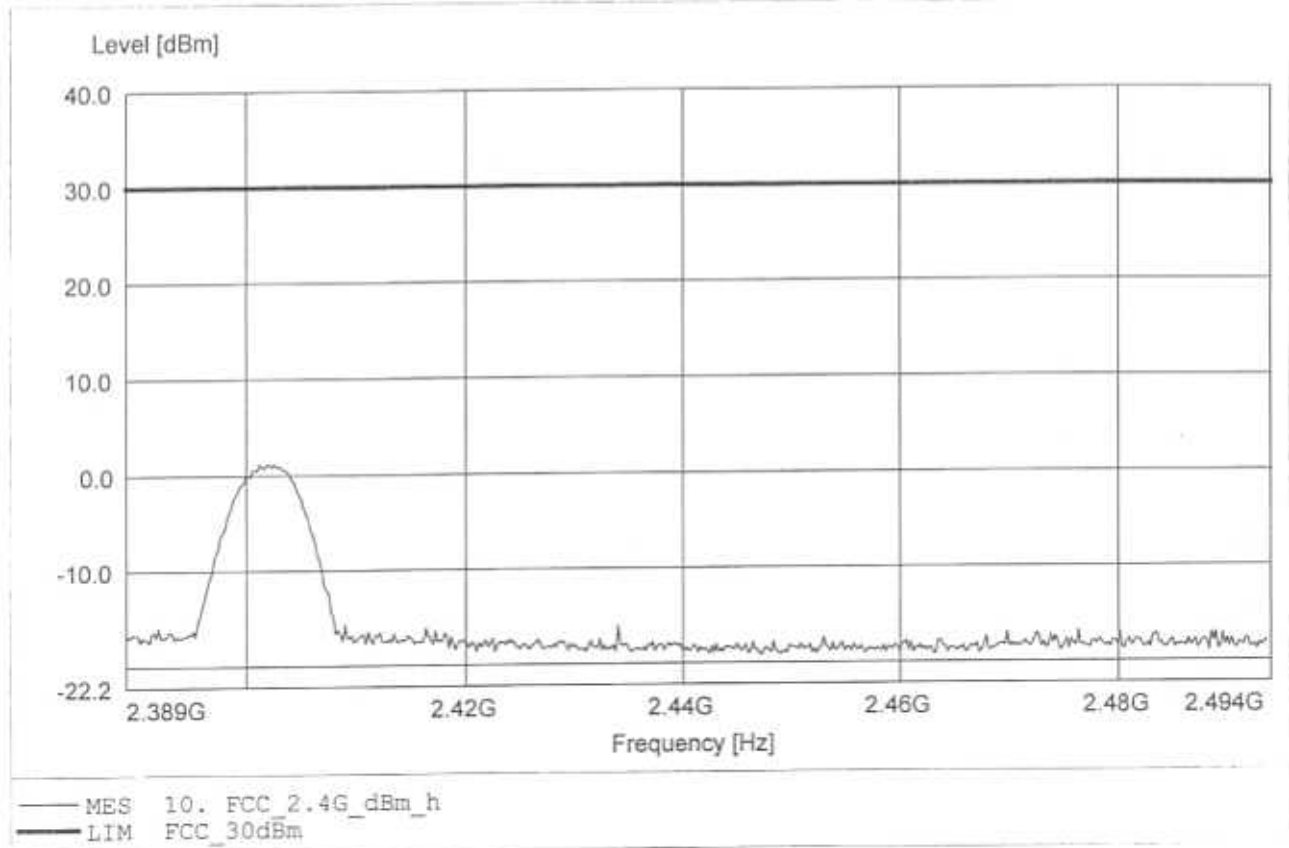
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 3.36dBm, RBW: 5MHz



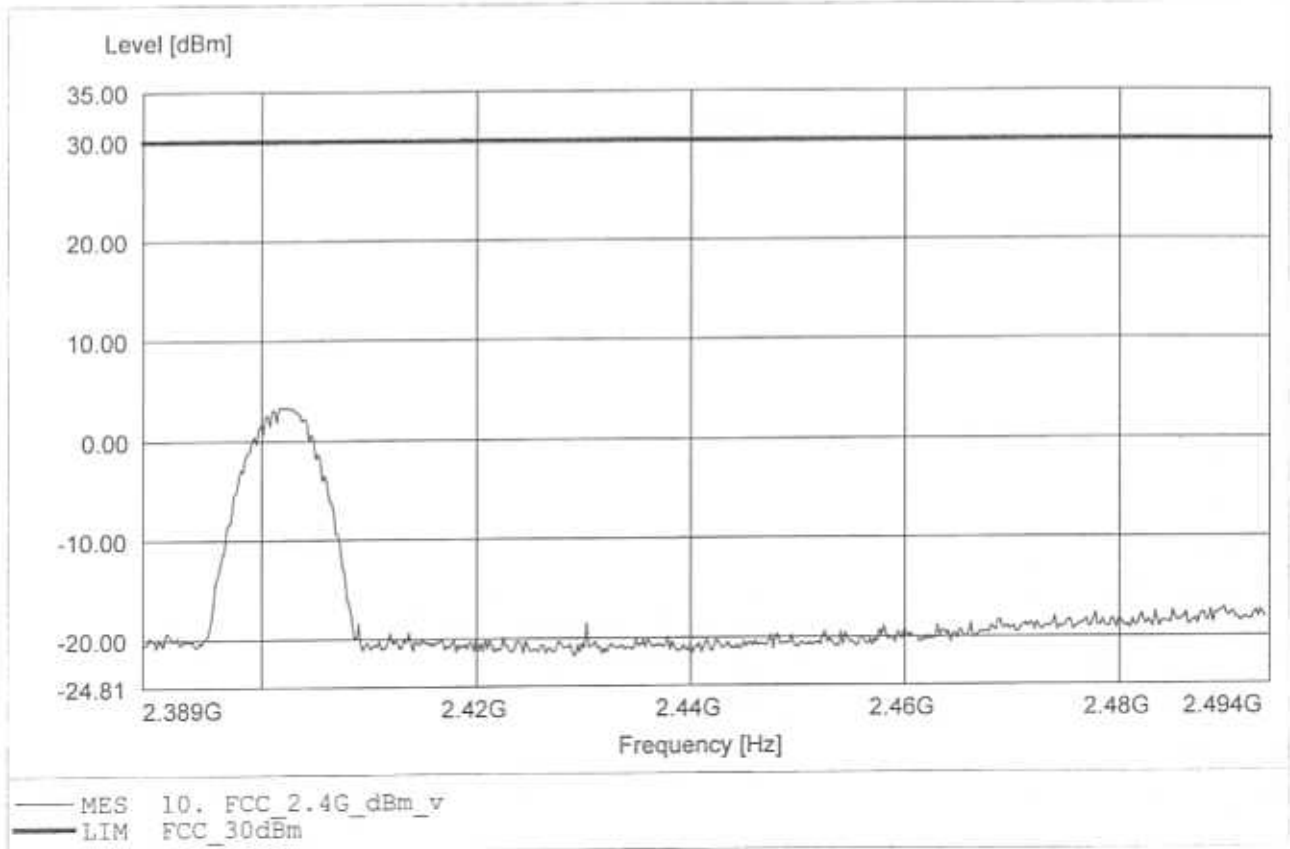
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 1.16dBm, RBW: 5MHz



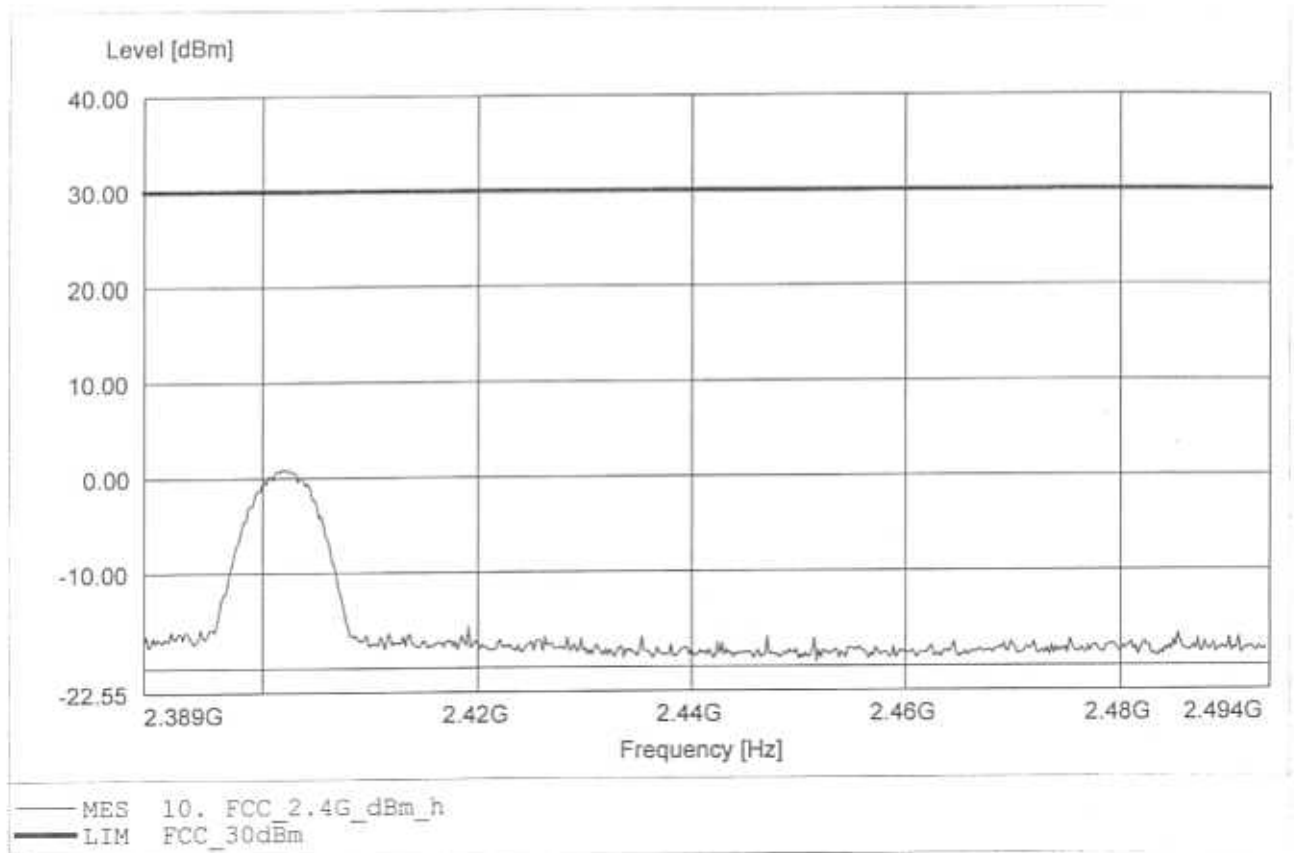
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 3.30dBm, RBW: 5MHz



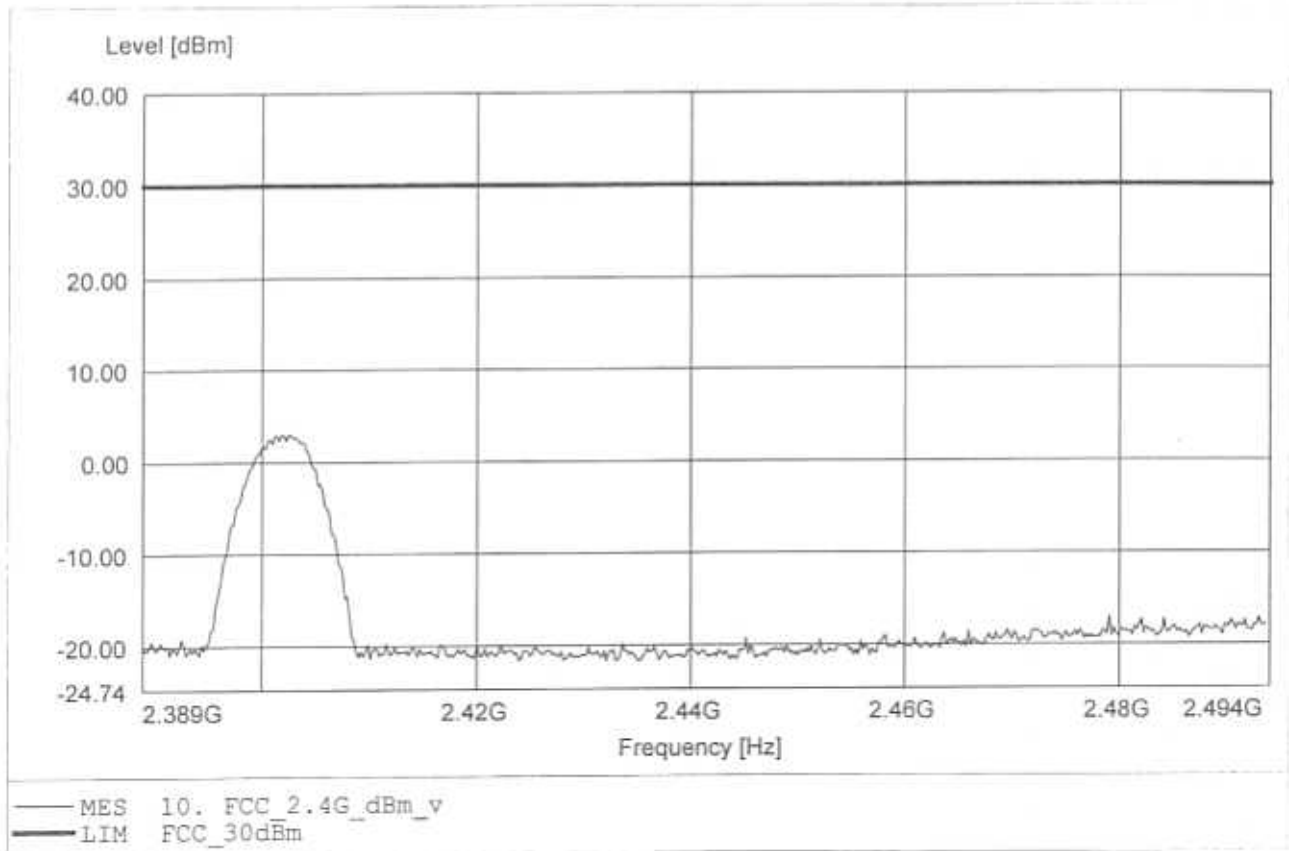
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 0.85dBm, RBW: 5MHz



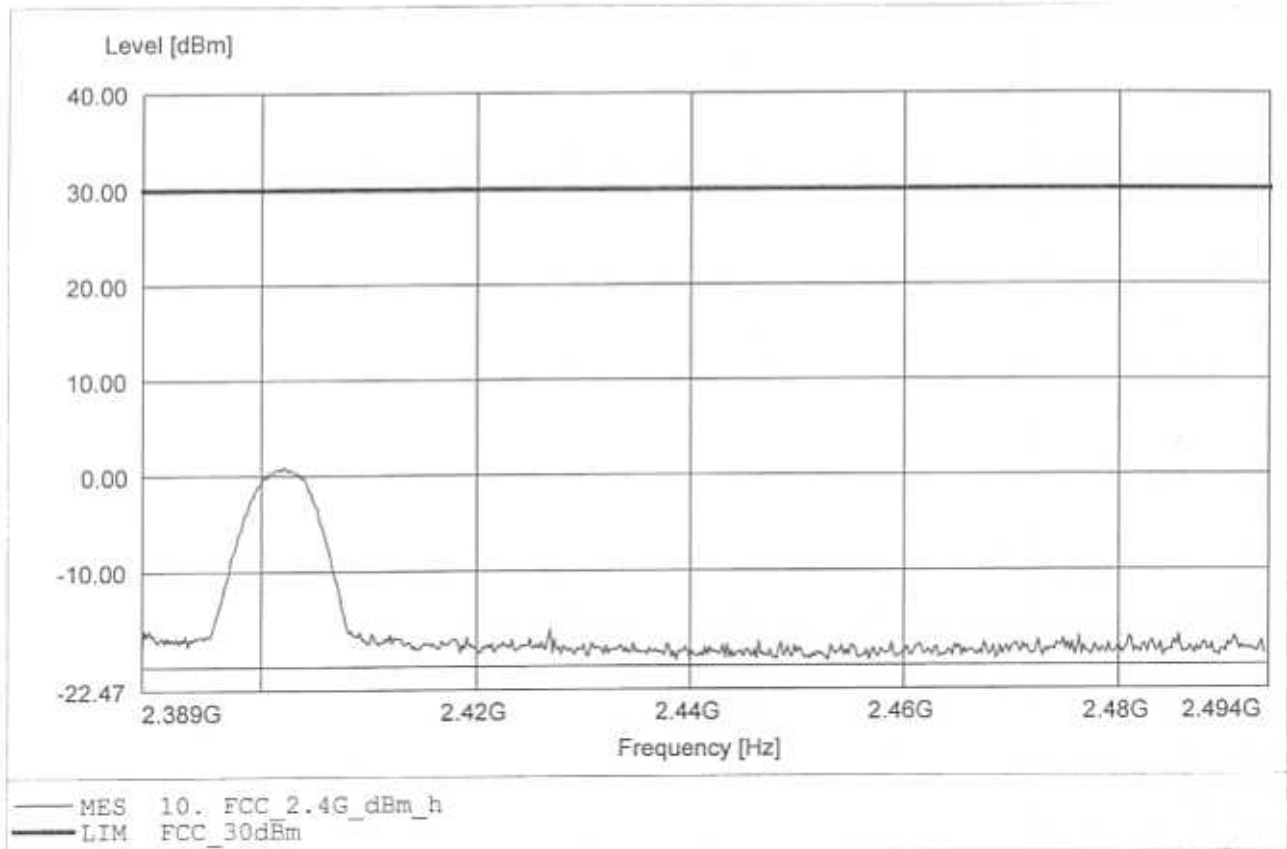
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 3.06dBm, RBW: 5MHz



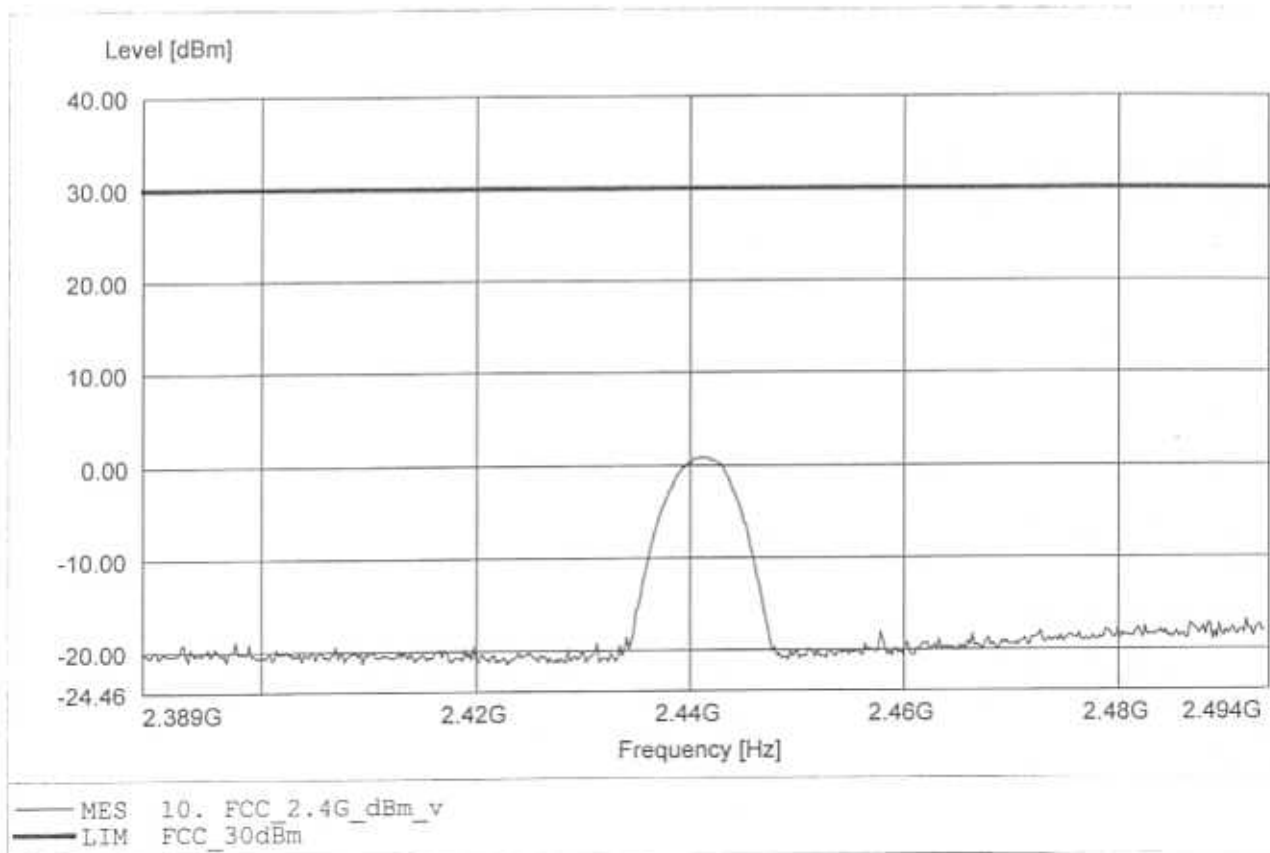
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 0.91dBm, RBW: 5MHz



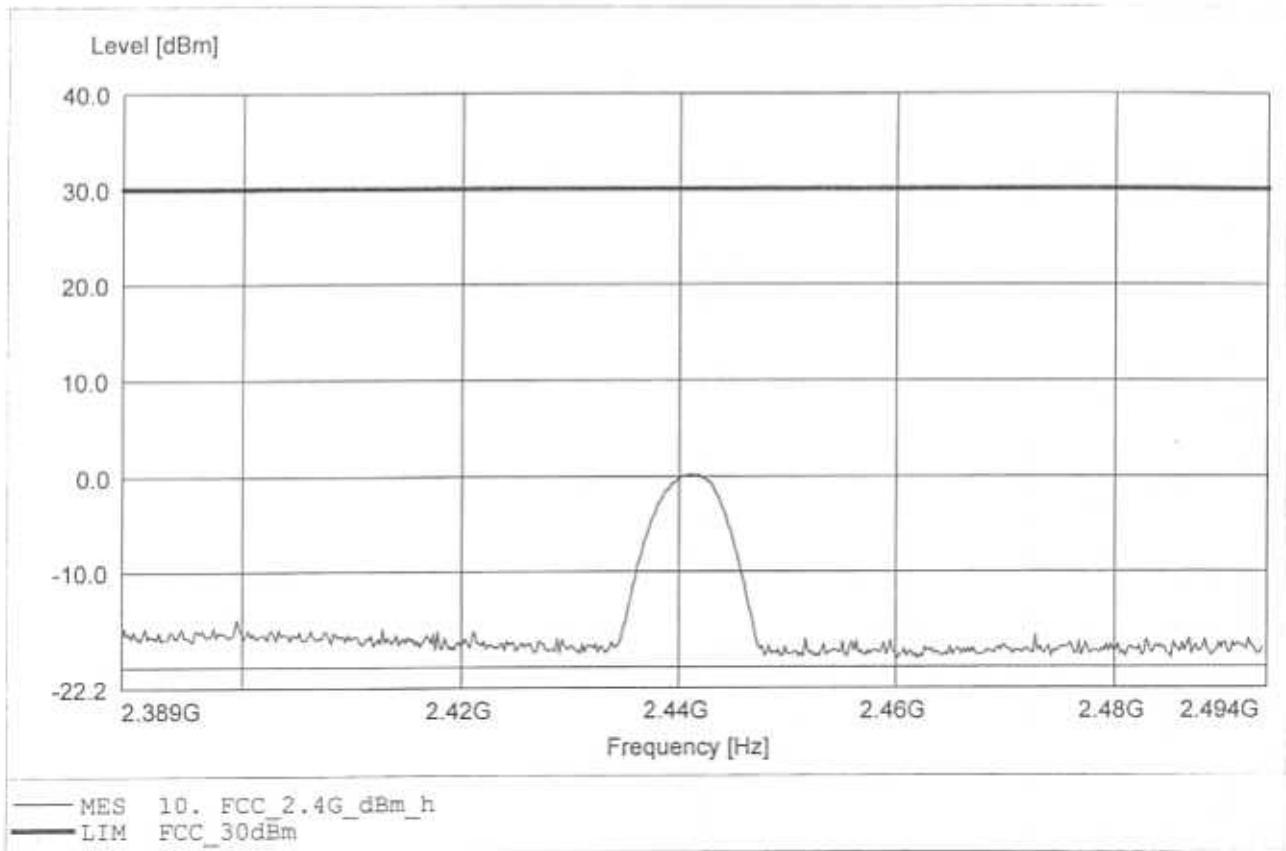
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 0.88dBm, RBW: 5MHz



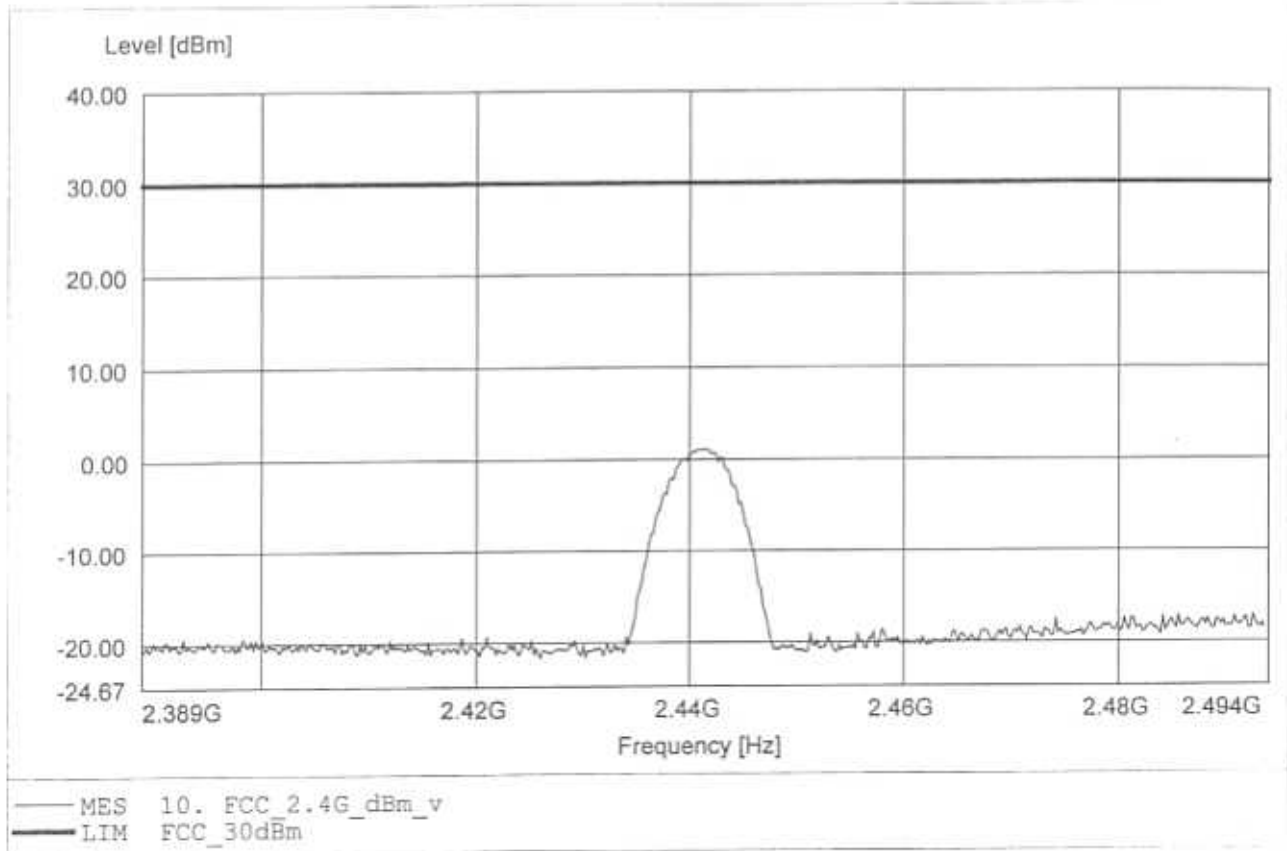
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 0.26dBm, RBW: 5MHz



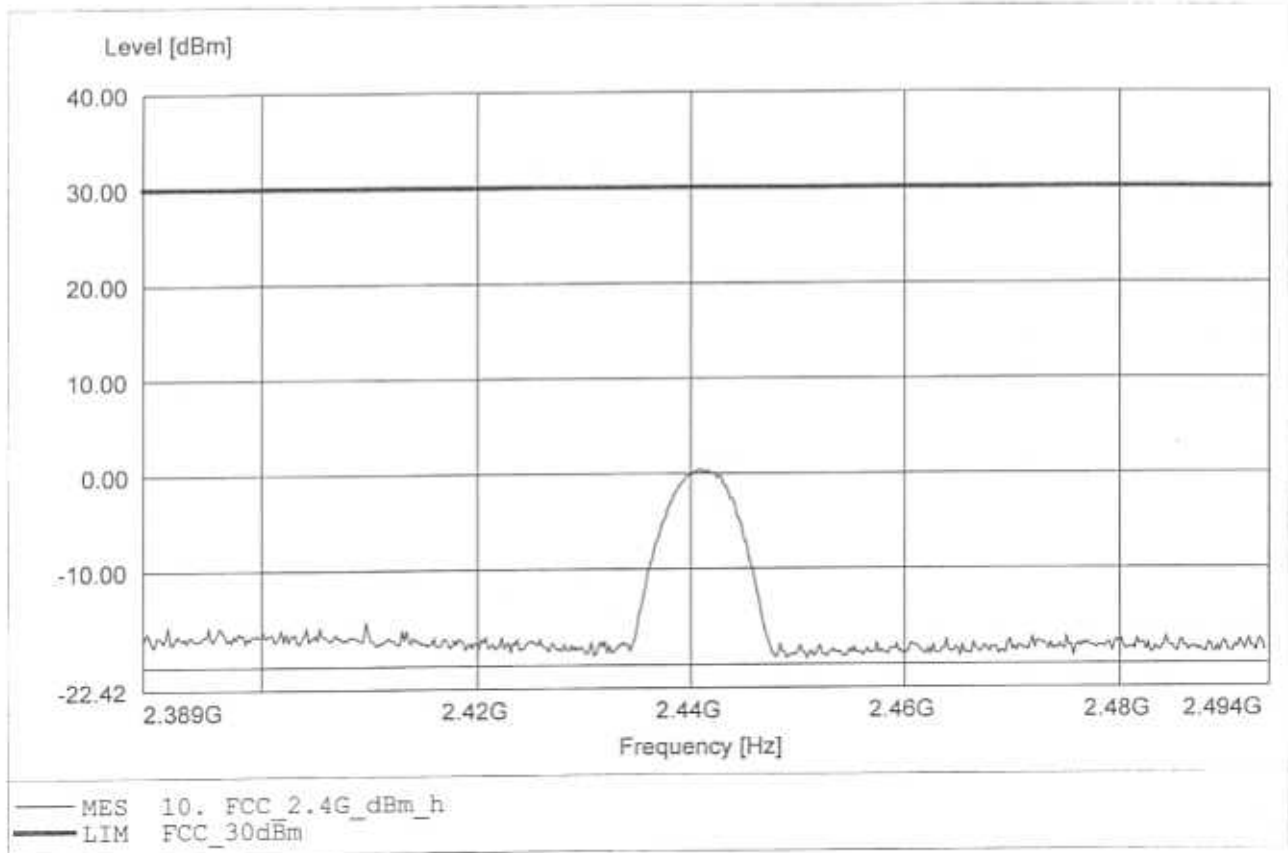
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.442GHz, Pmax: 1.14dBm, RBW: 5MHz



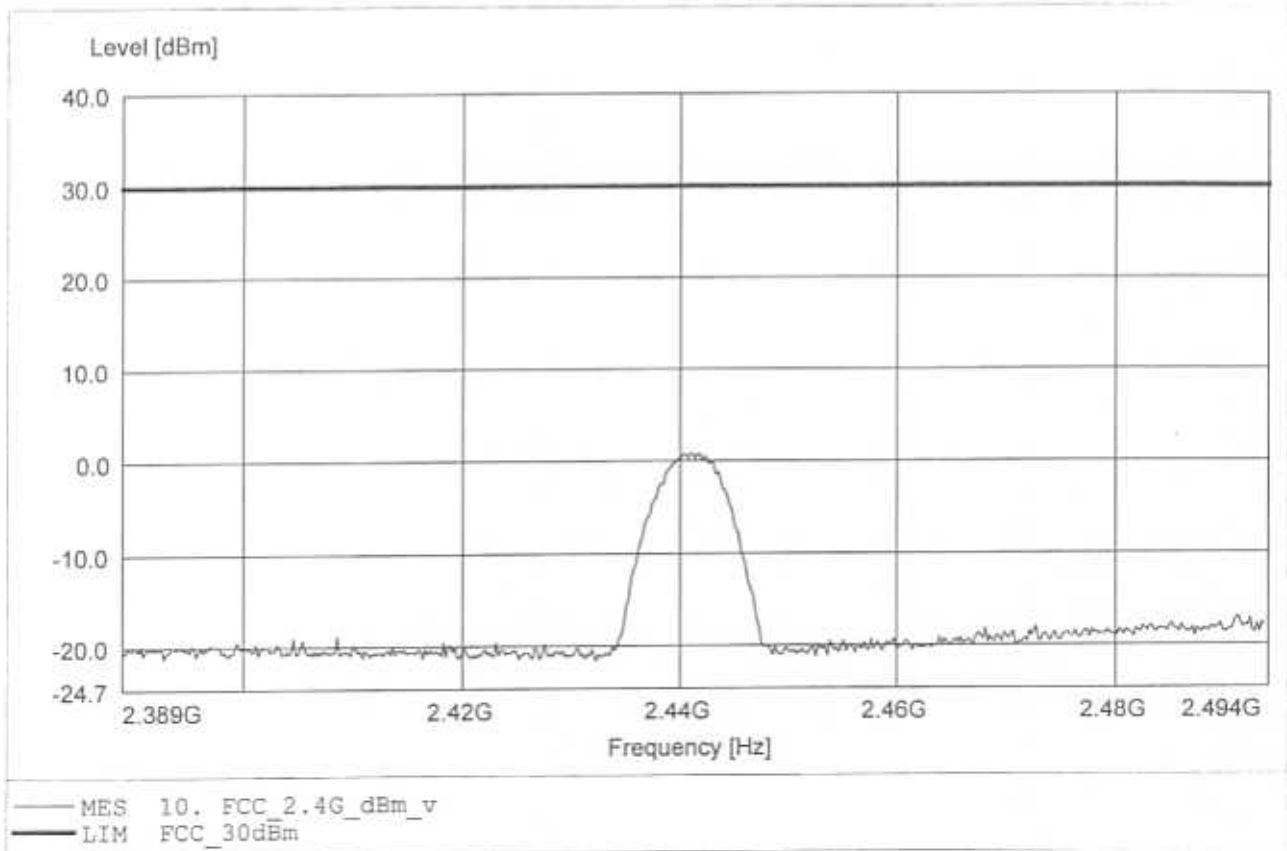
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 0.45dBm, RBW: 5MHz



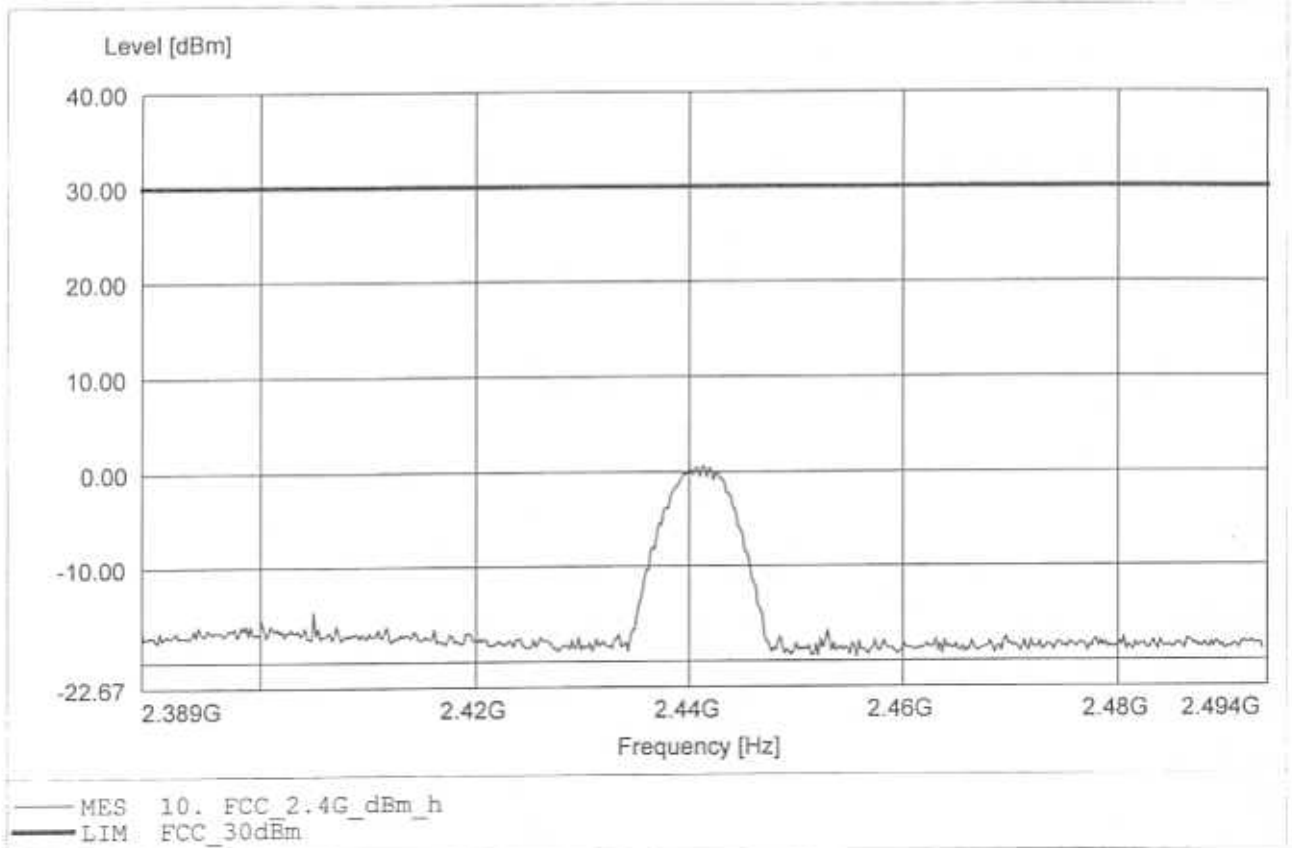
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 0.82dBm, RBW: 5MHz



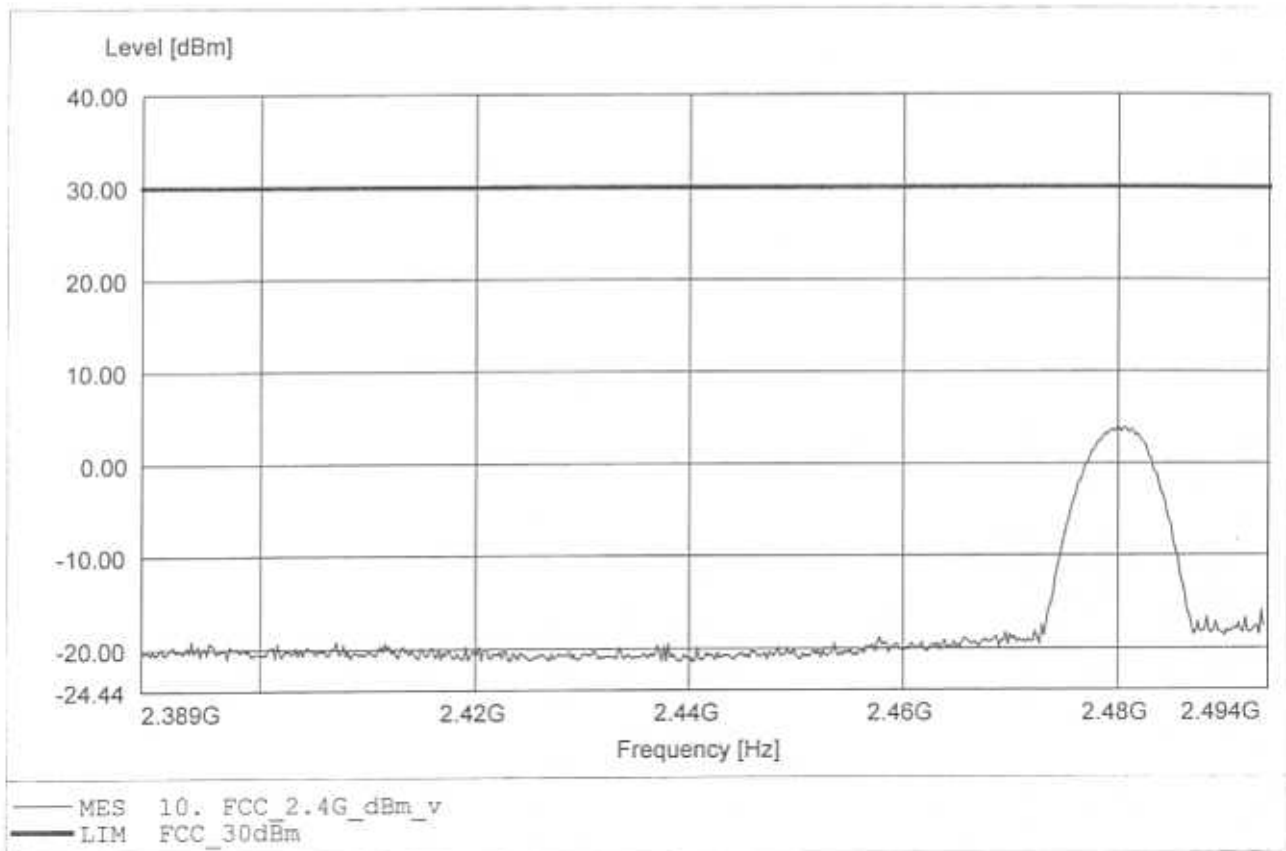
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 0.58dBm, RBW: 5MHz



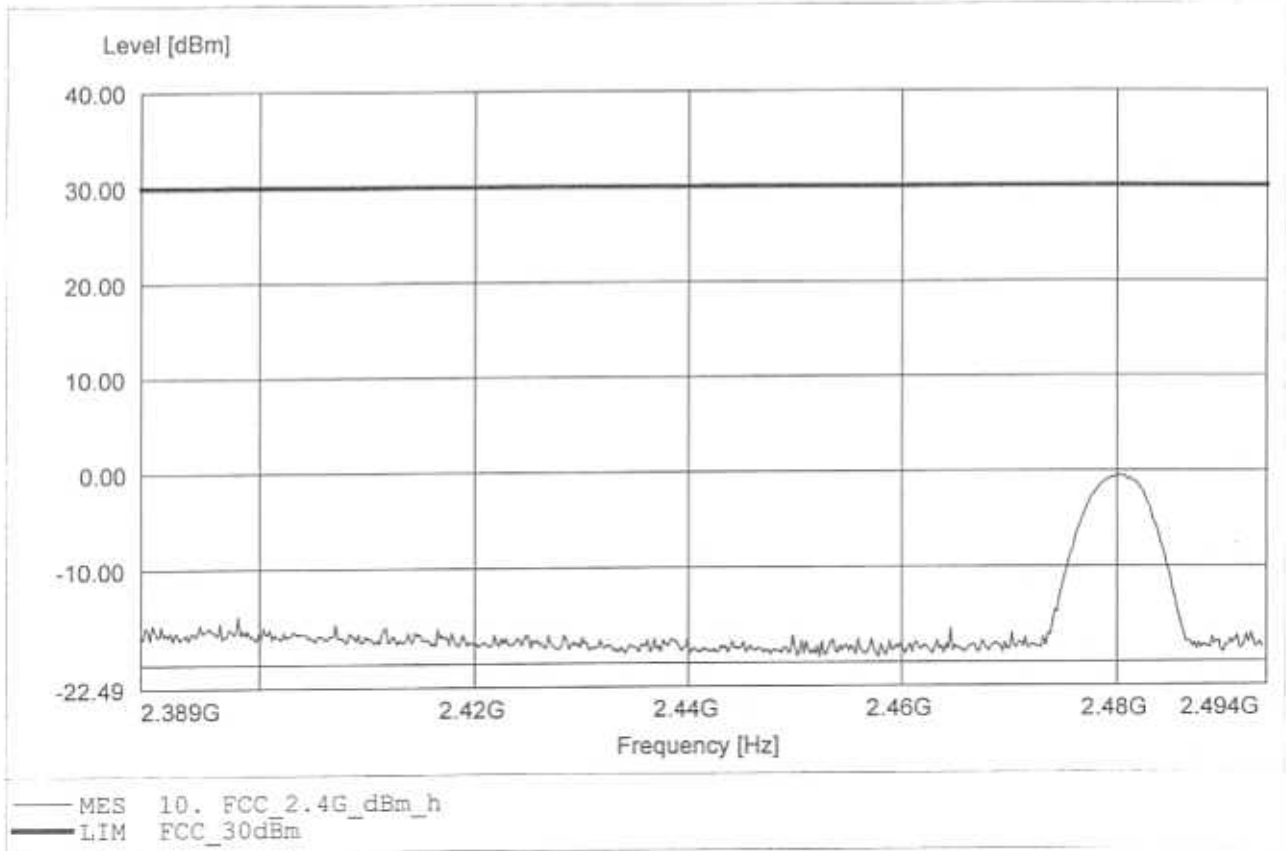
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 3.92dBm, RBW: 5MHz



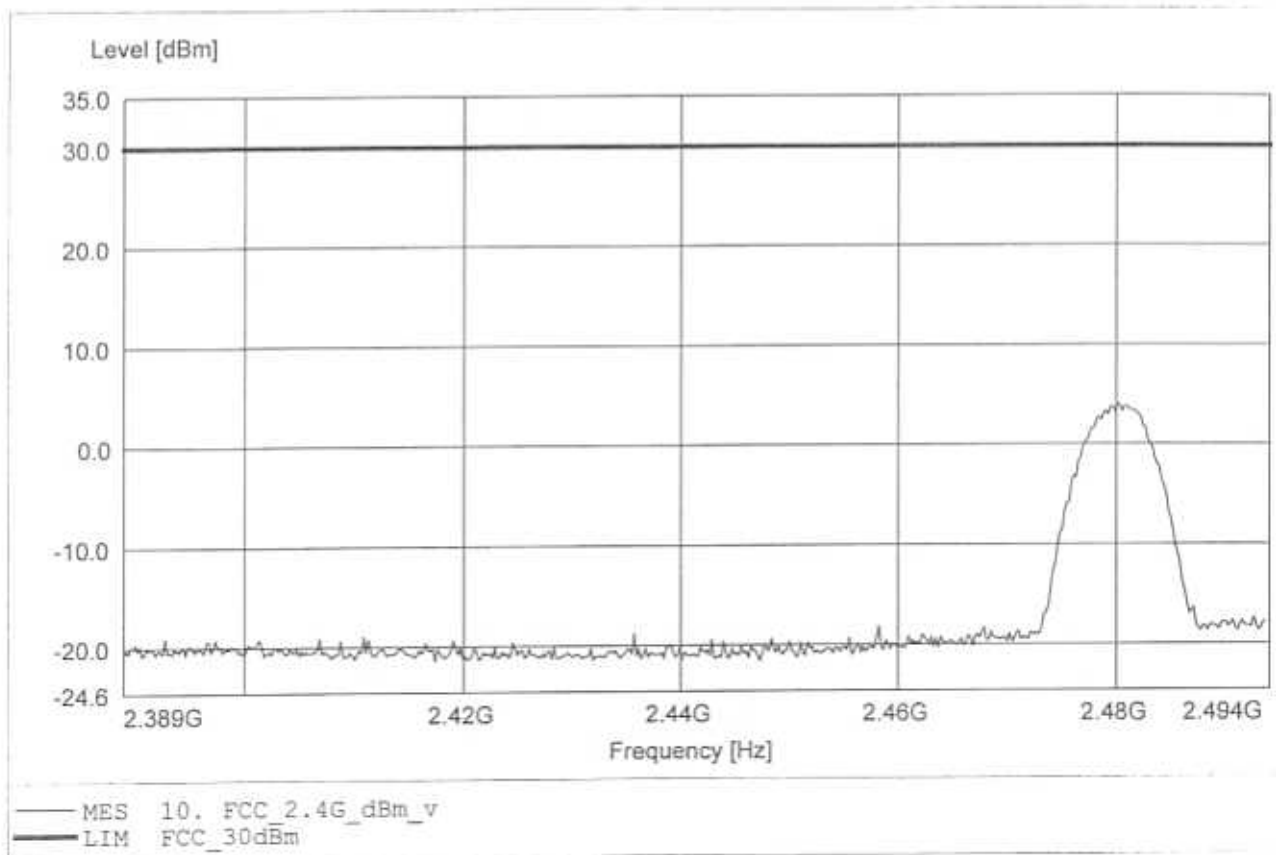
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -0.40dBm, RBW: 5MHz



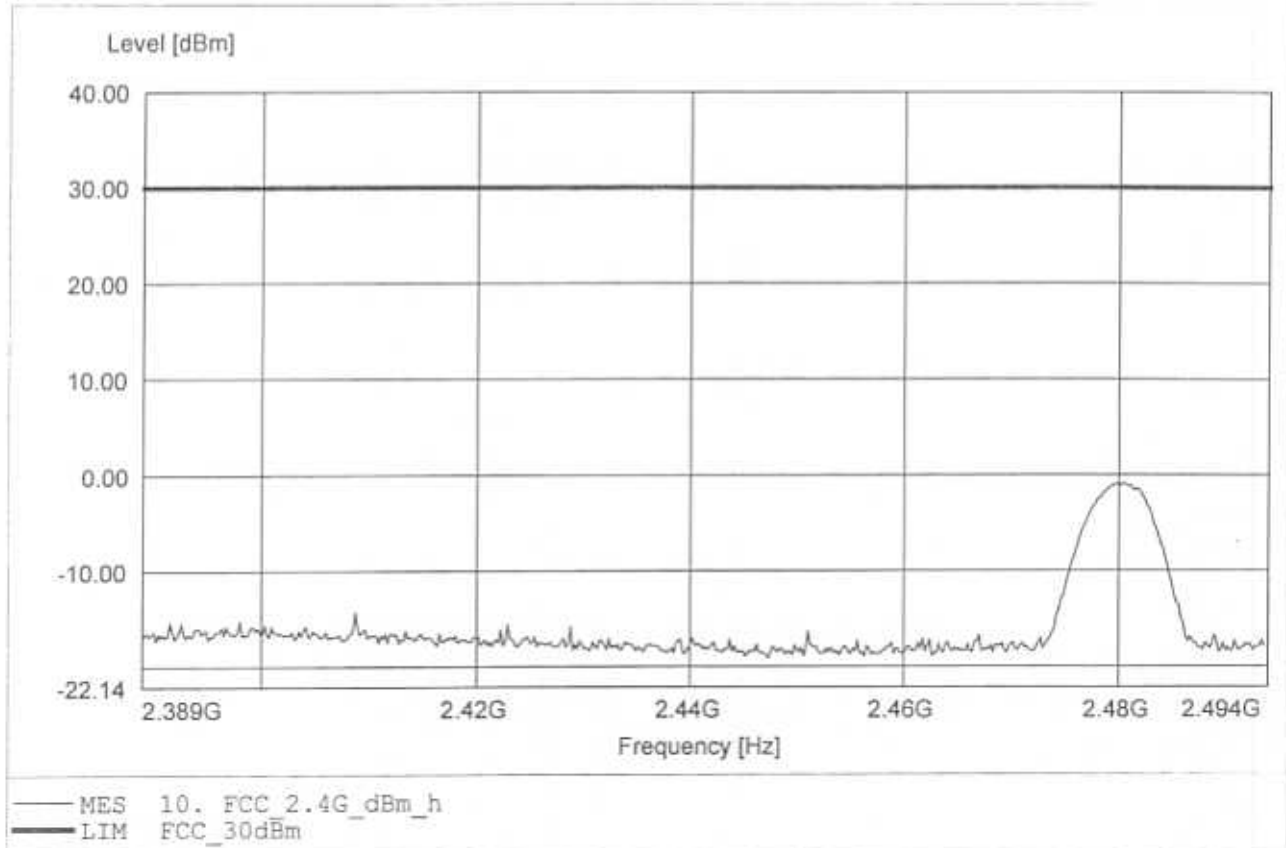
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 4.05dBm, RBW: 5MHz



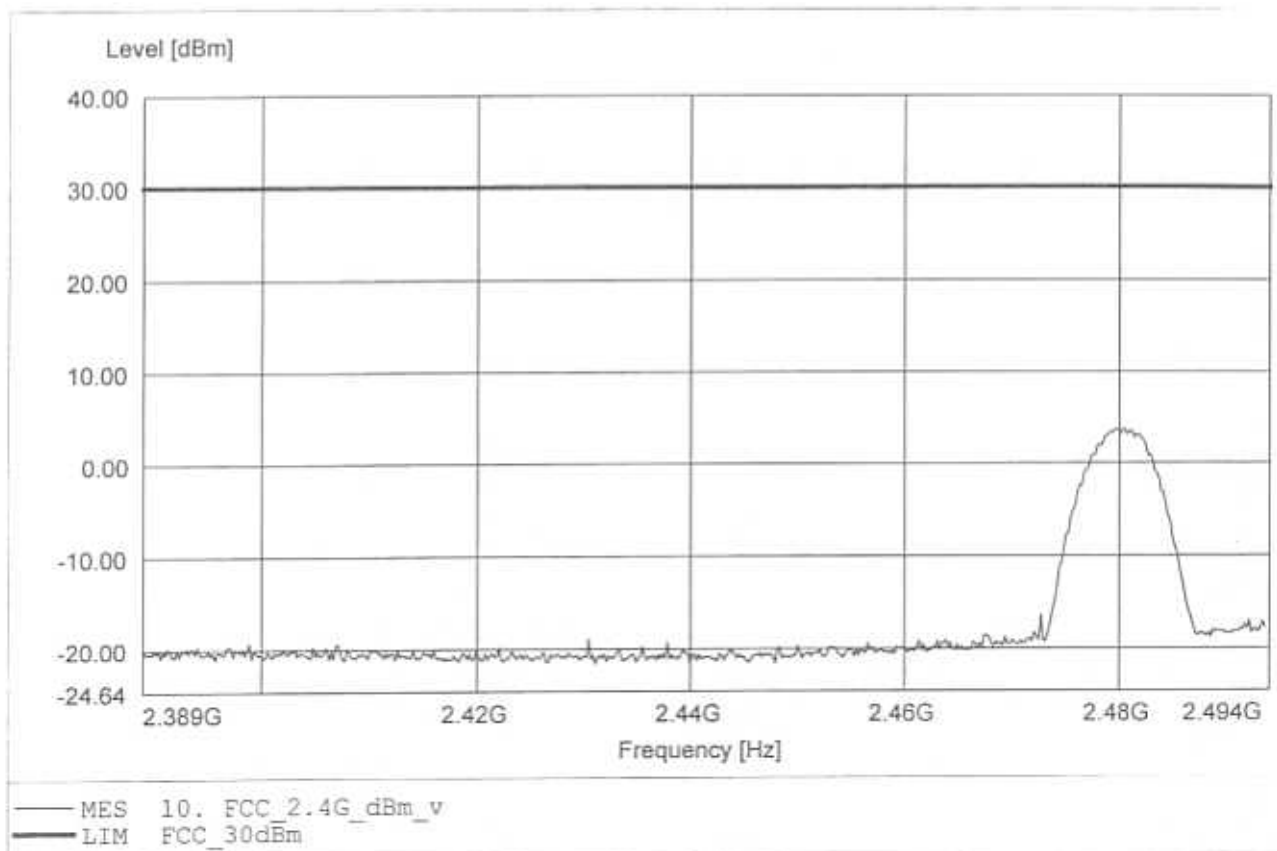
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -0.84dBm, RBW: 5MHz.



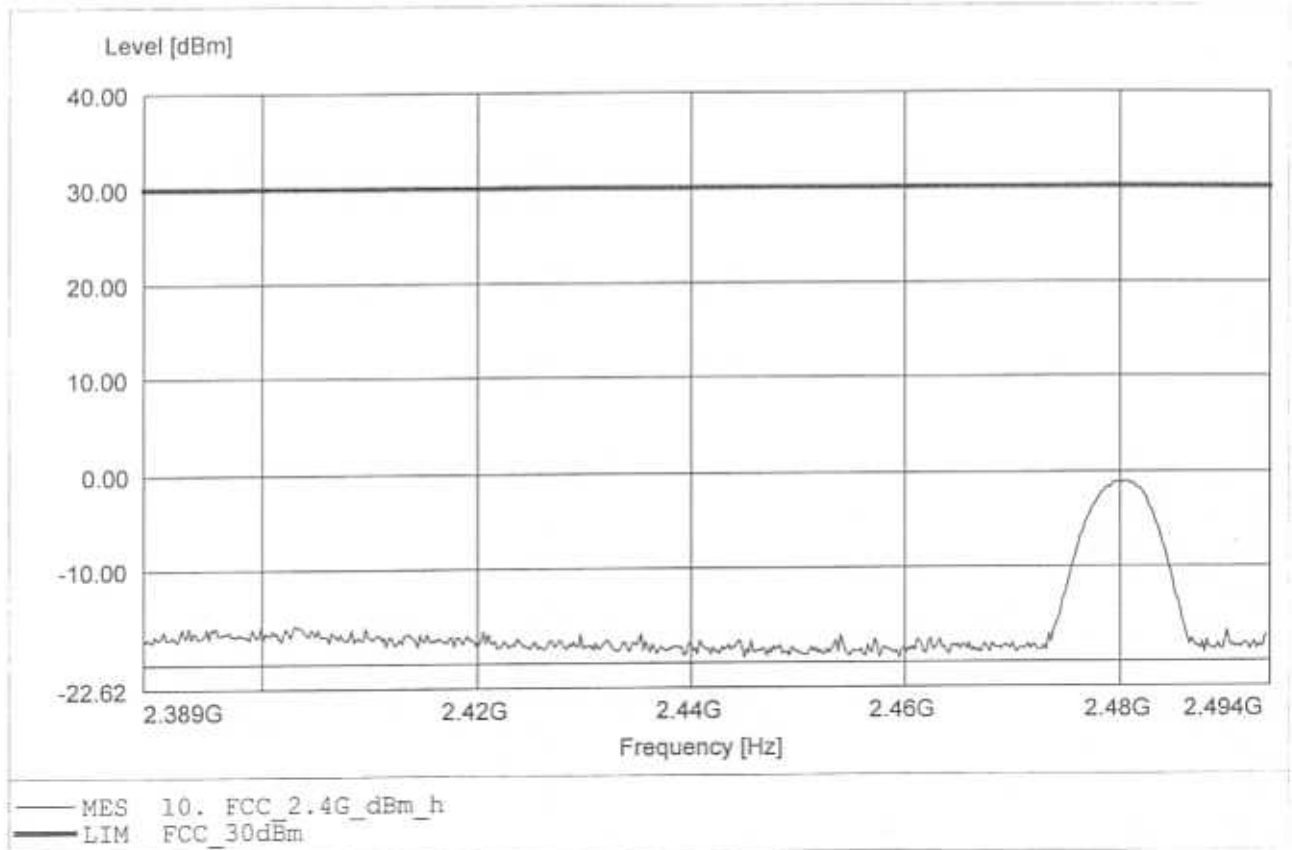
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 3.73dBm, RBW: 5MHz



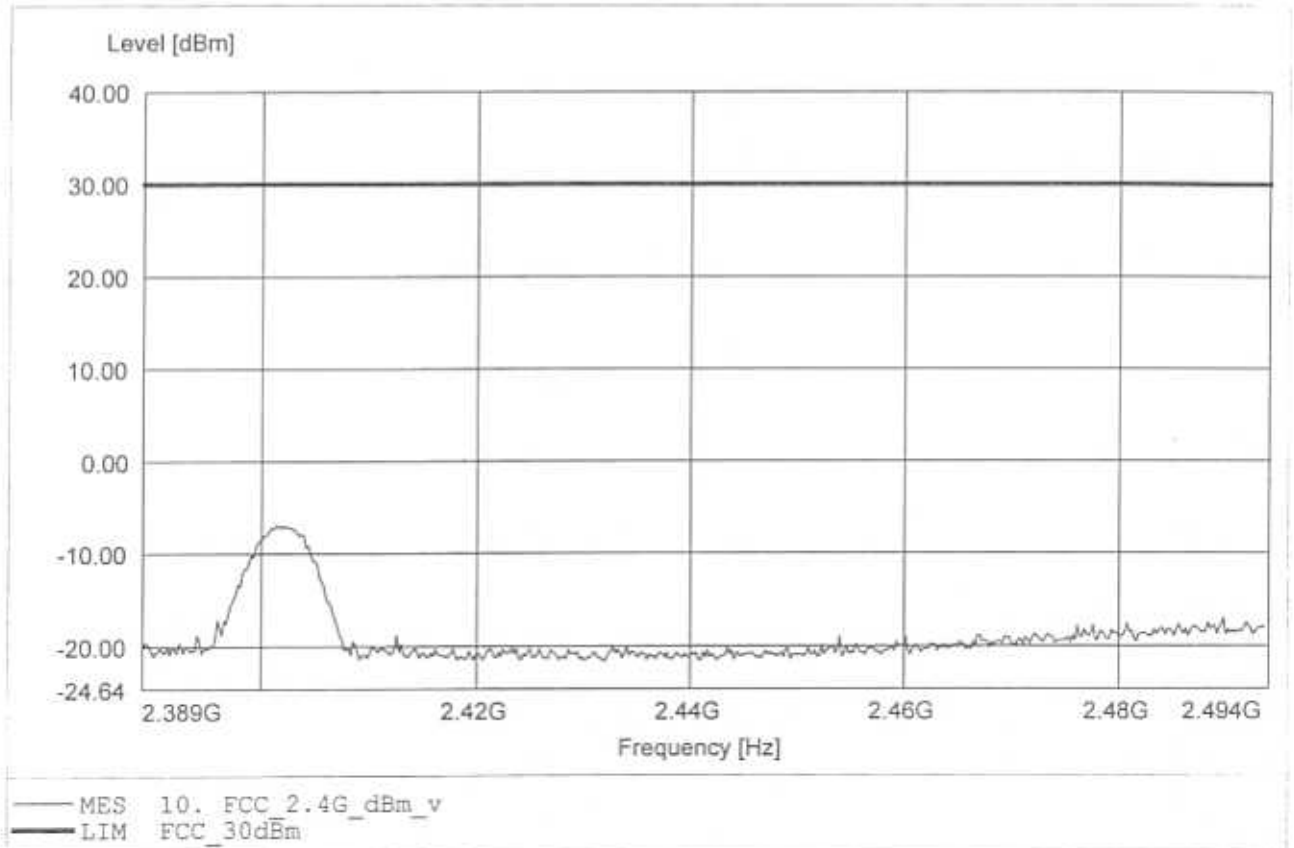
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -0.97dBm, RBW: 5MHz



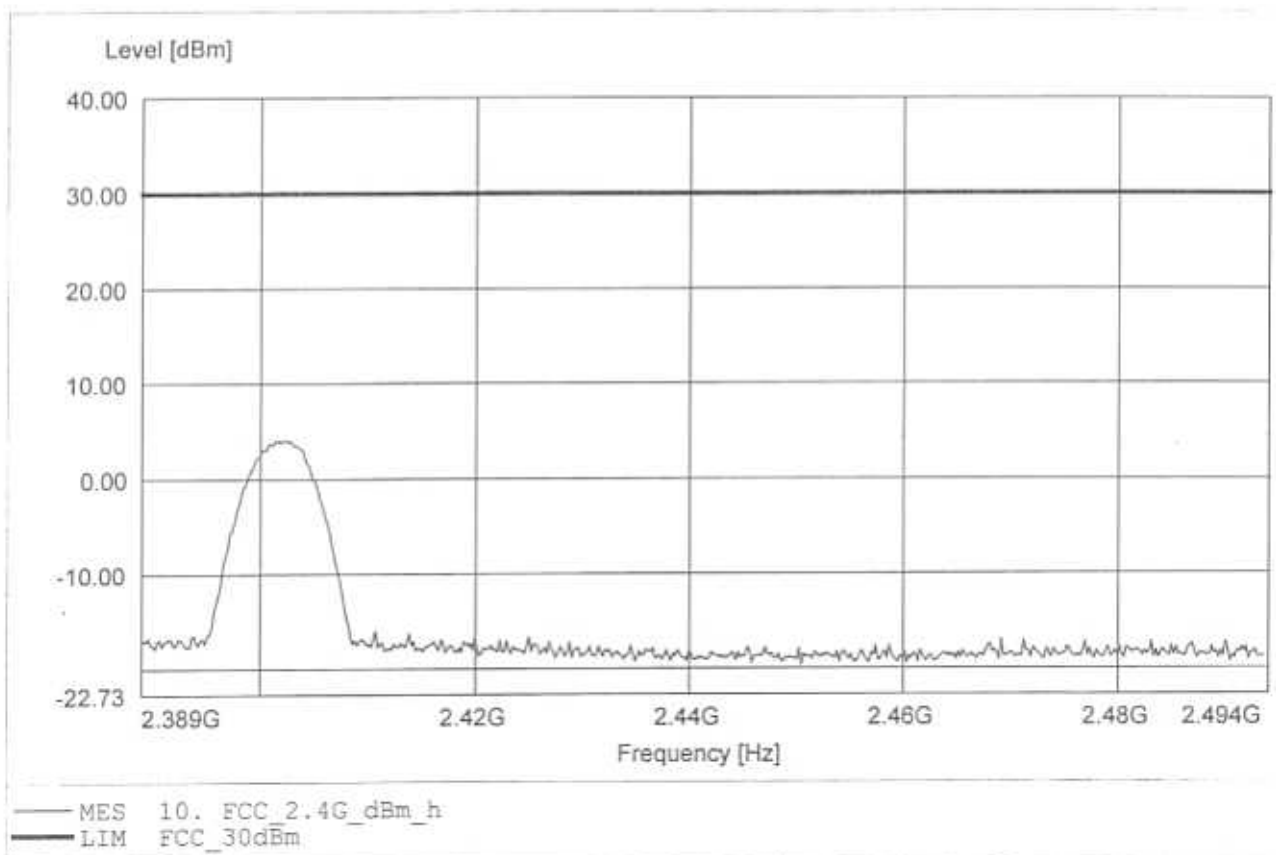
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.401GHz, Pmax: -6.97dBm, RBW: 5MHz



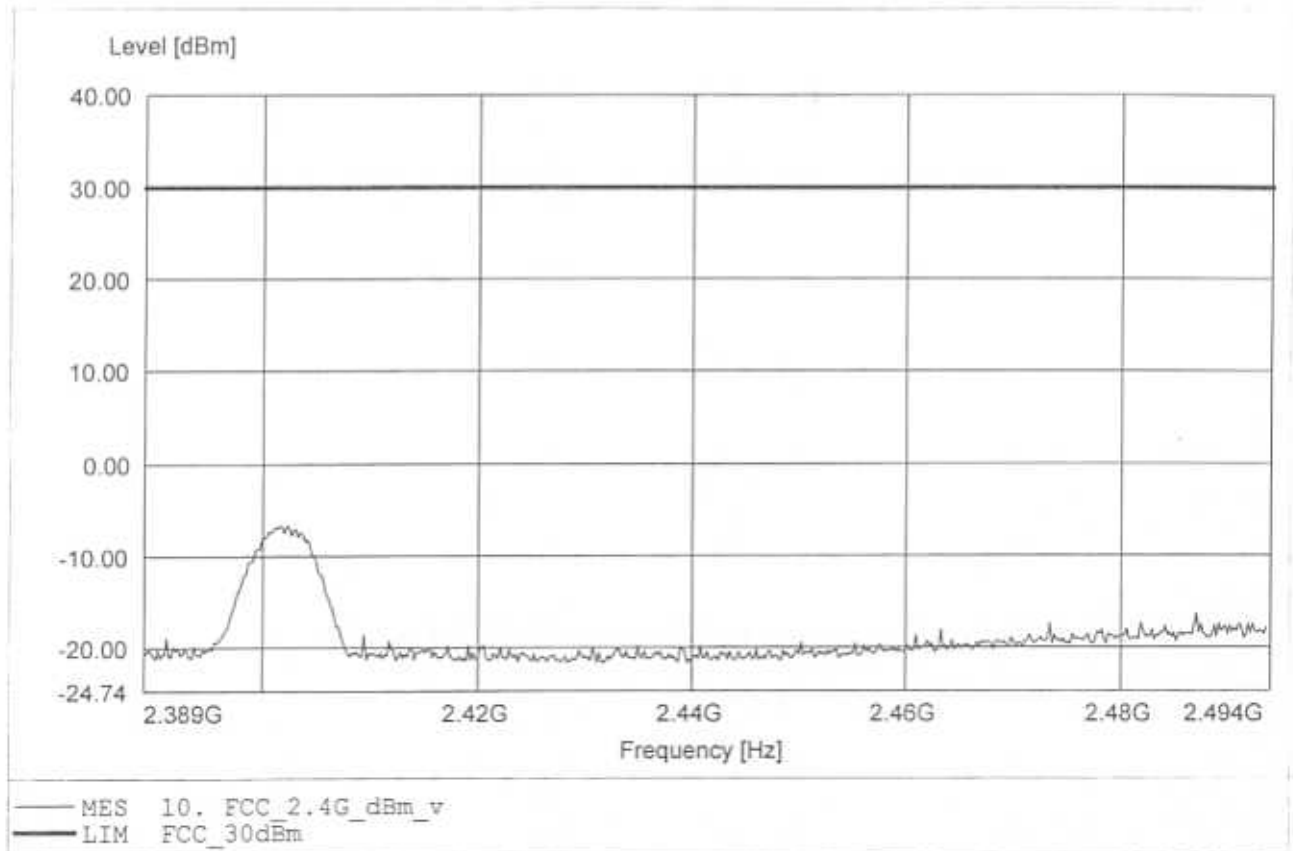
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 4.01dBm, RBW: 5MHz



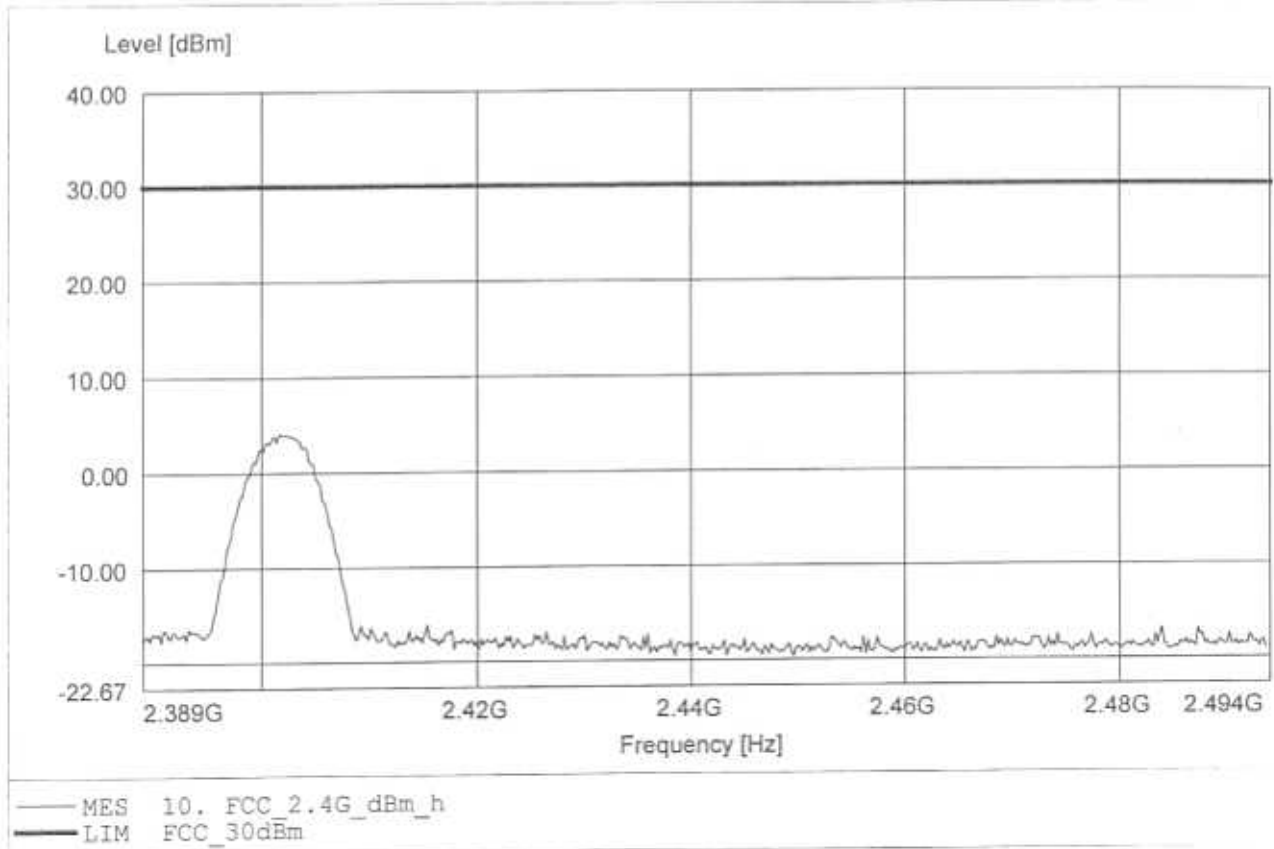
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: -6.72dBm, RBW: 5MHz



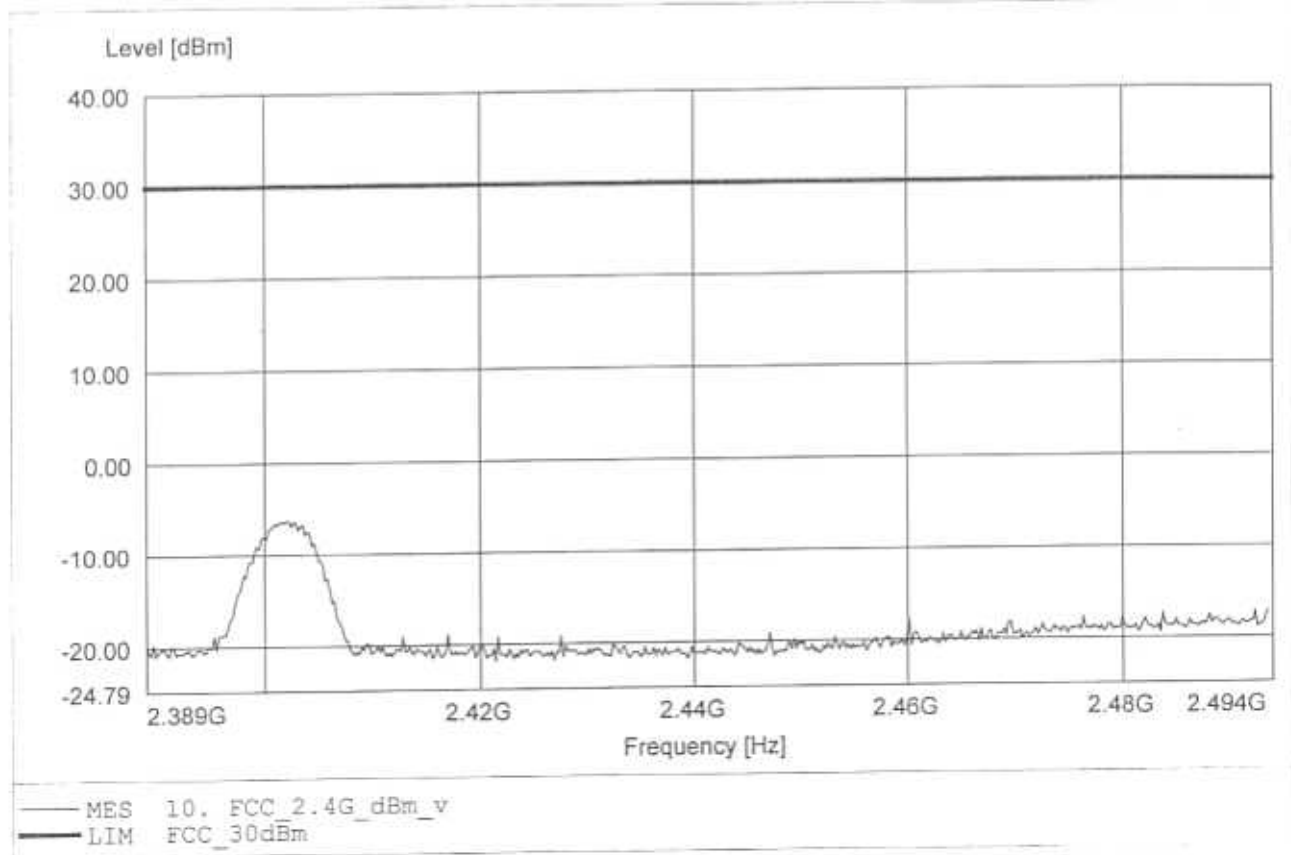
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 4.08dBm, RBW: 5MHz



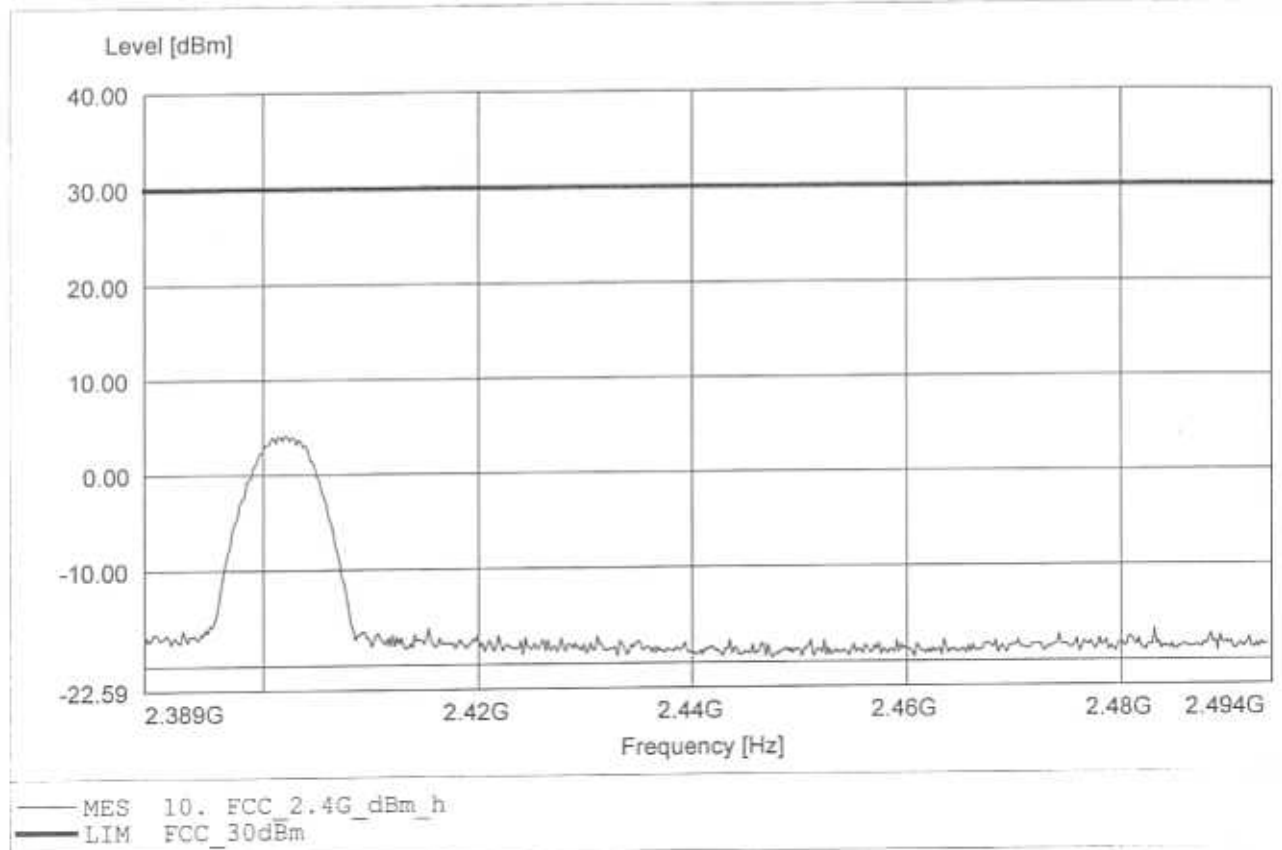
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: -6.30dBm, RBW: 5MHz



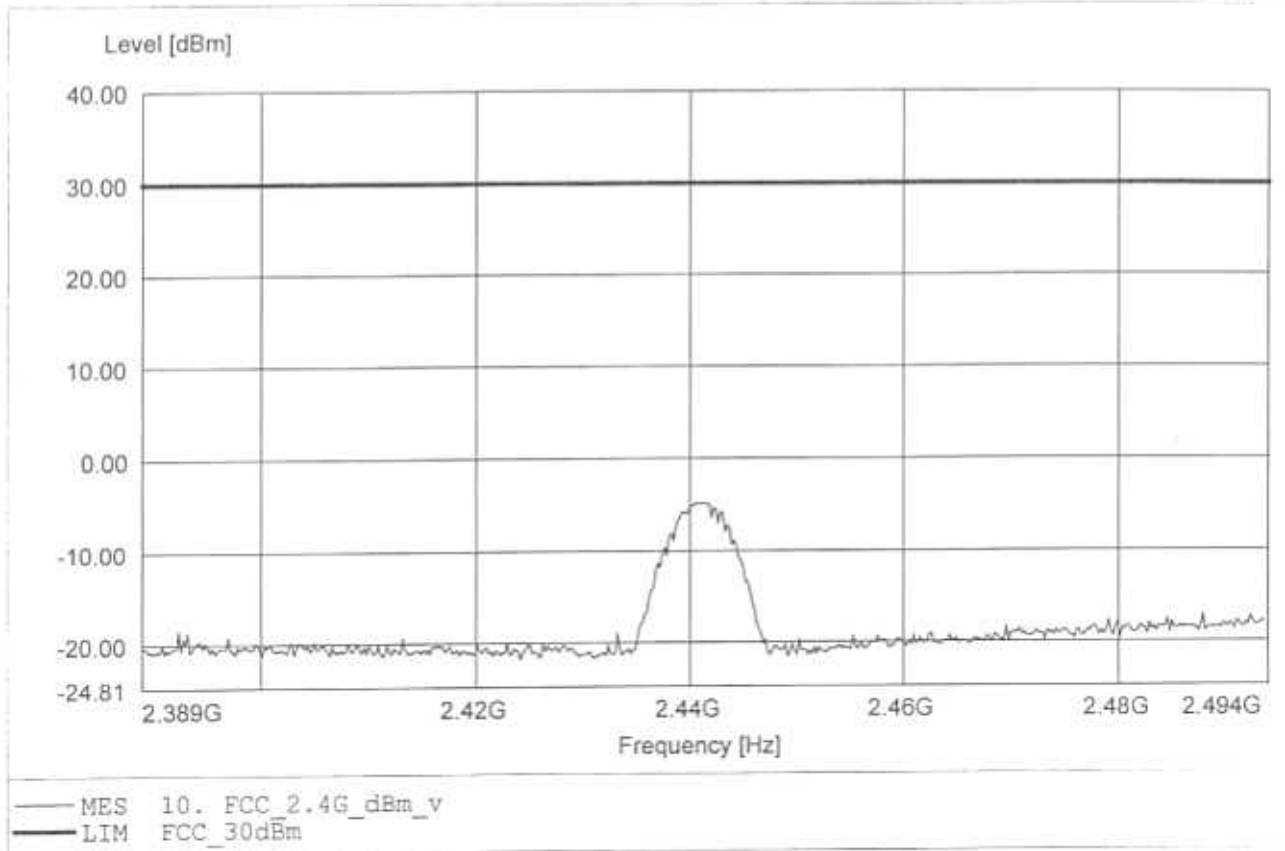
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.402GHz, Pmax: 4.13dBm, RBW: 5MHz



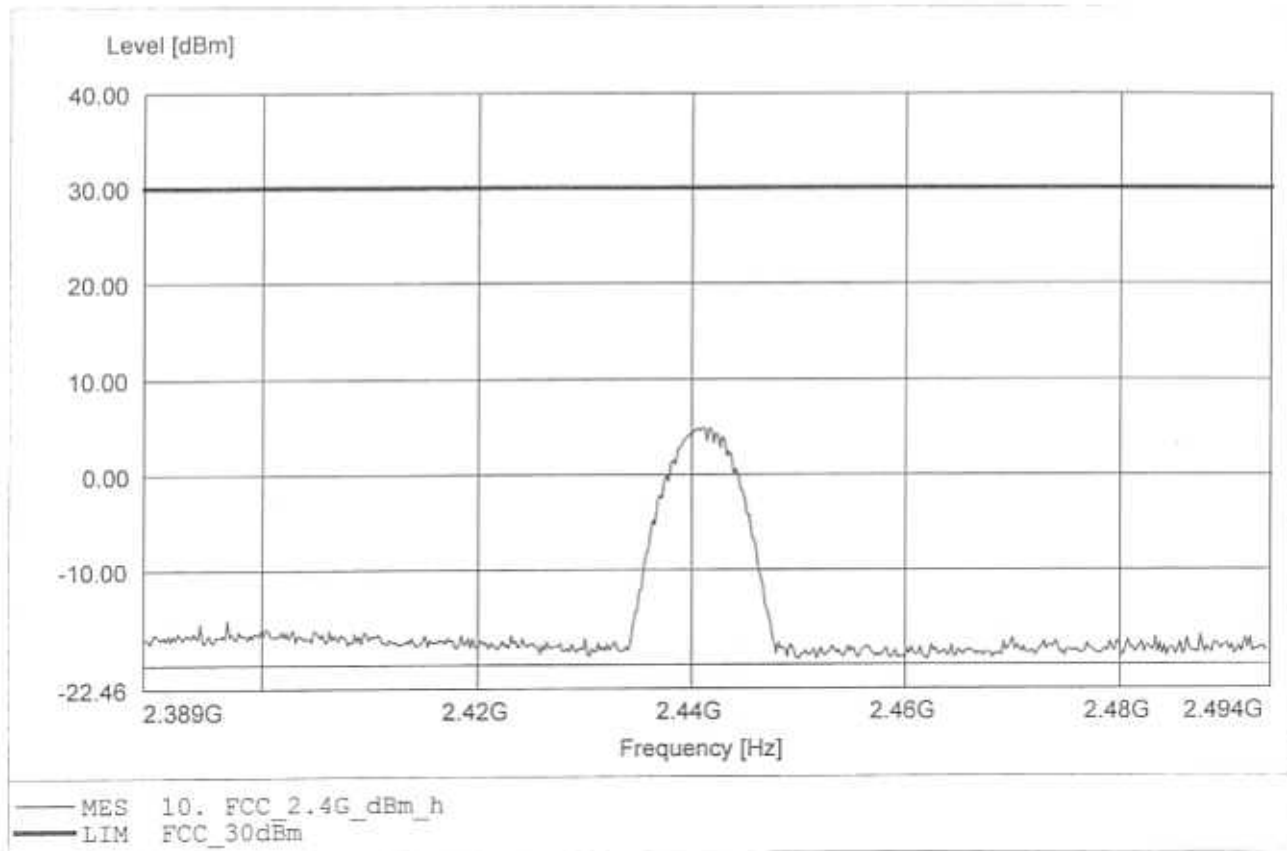
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: -4.82dBm, RBW: 5MHz



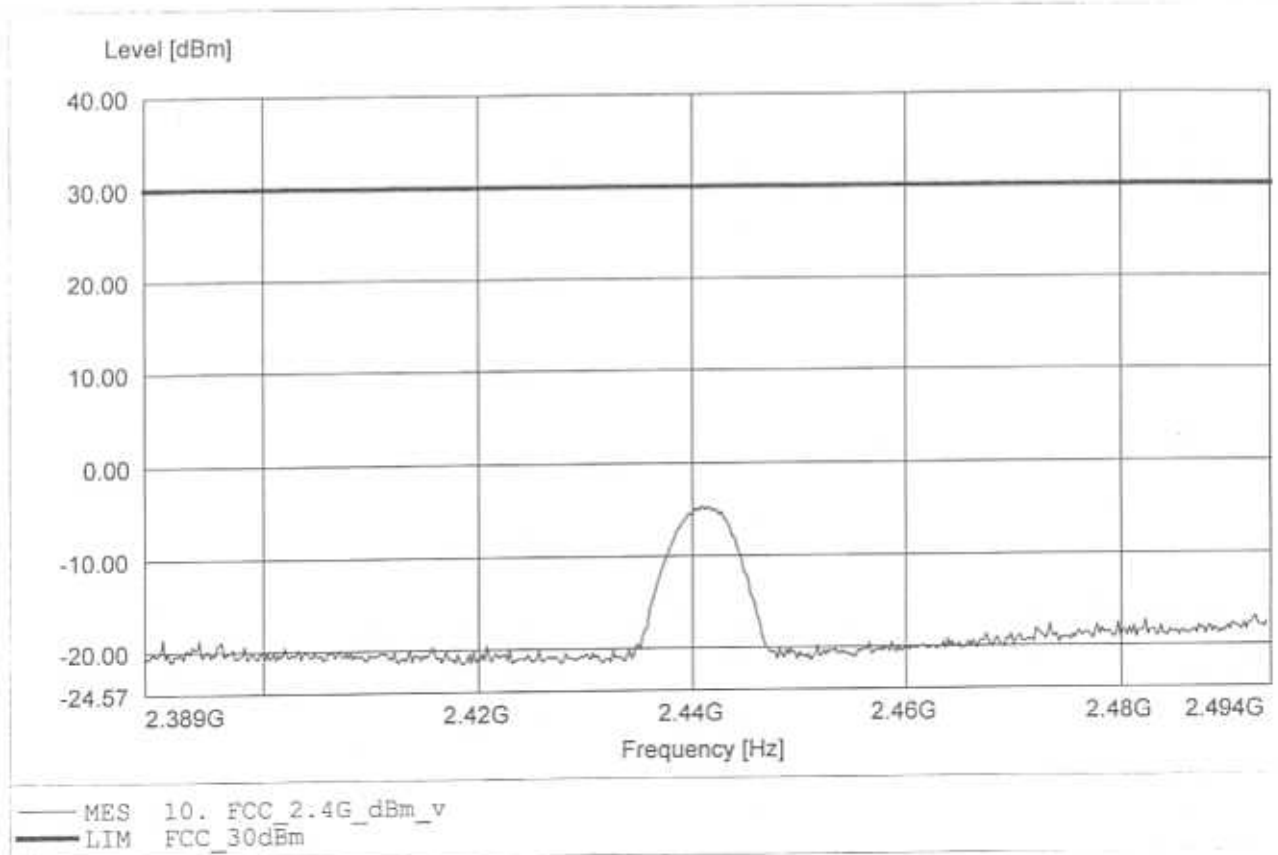
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 4.93dBm, RBW: 5MHz



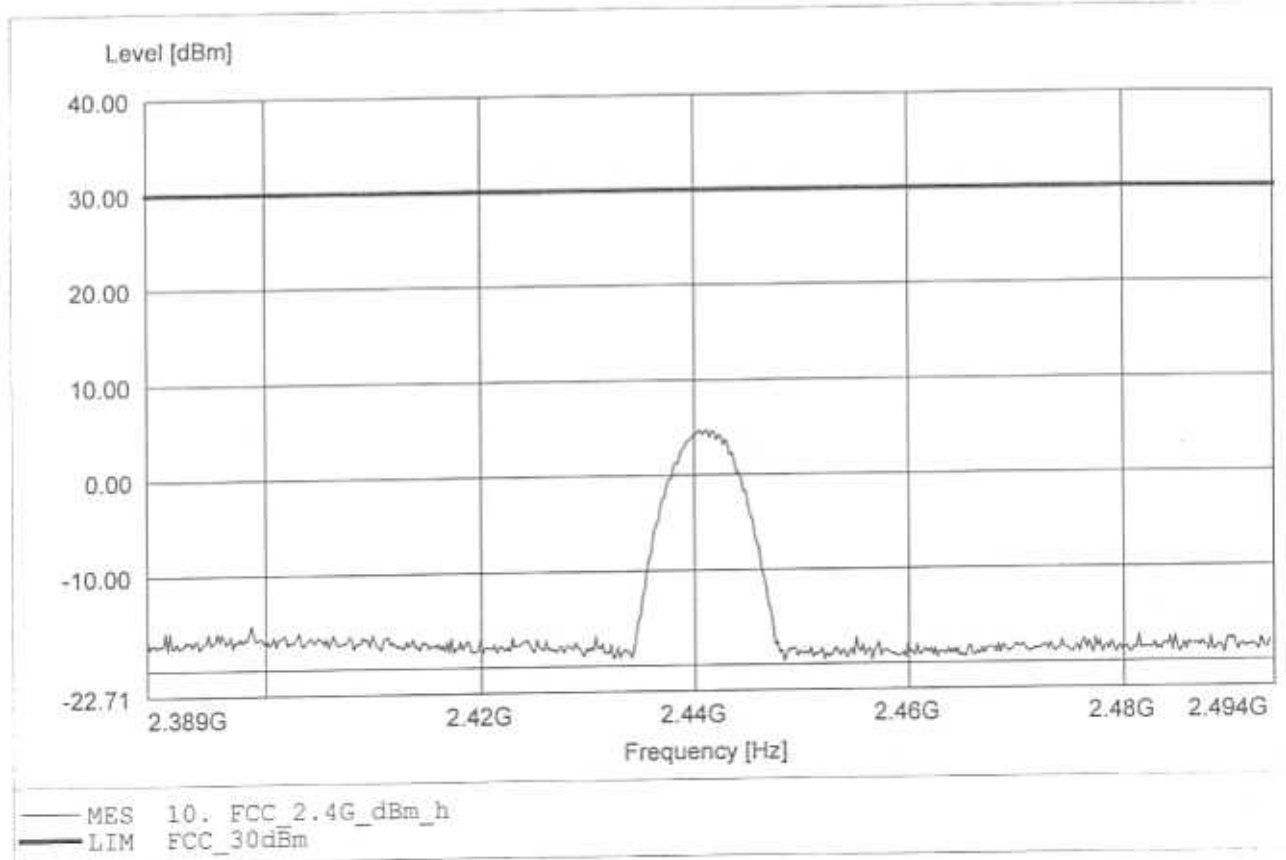
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: -4.65dBm, RBW: 5MHz



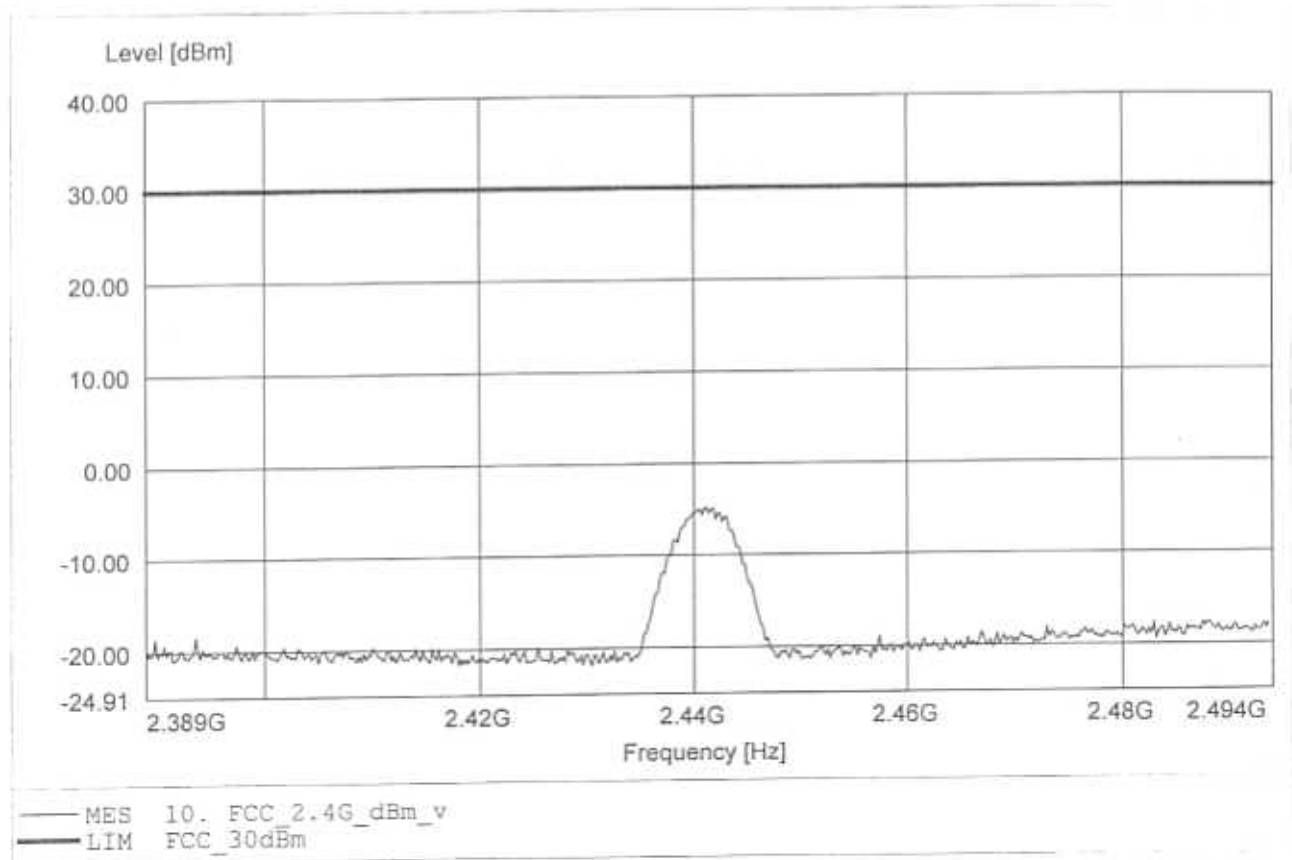
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 4.73dBm, RBW: 5MHz



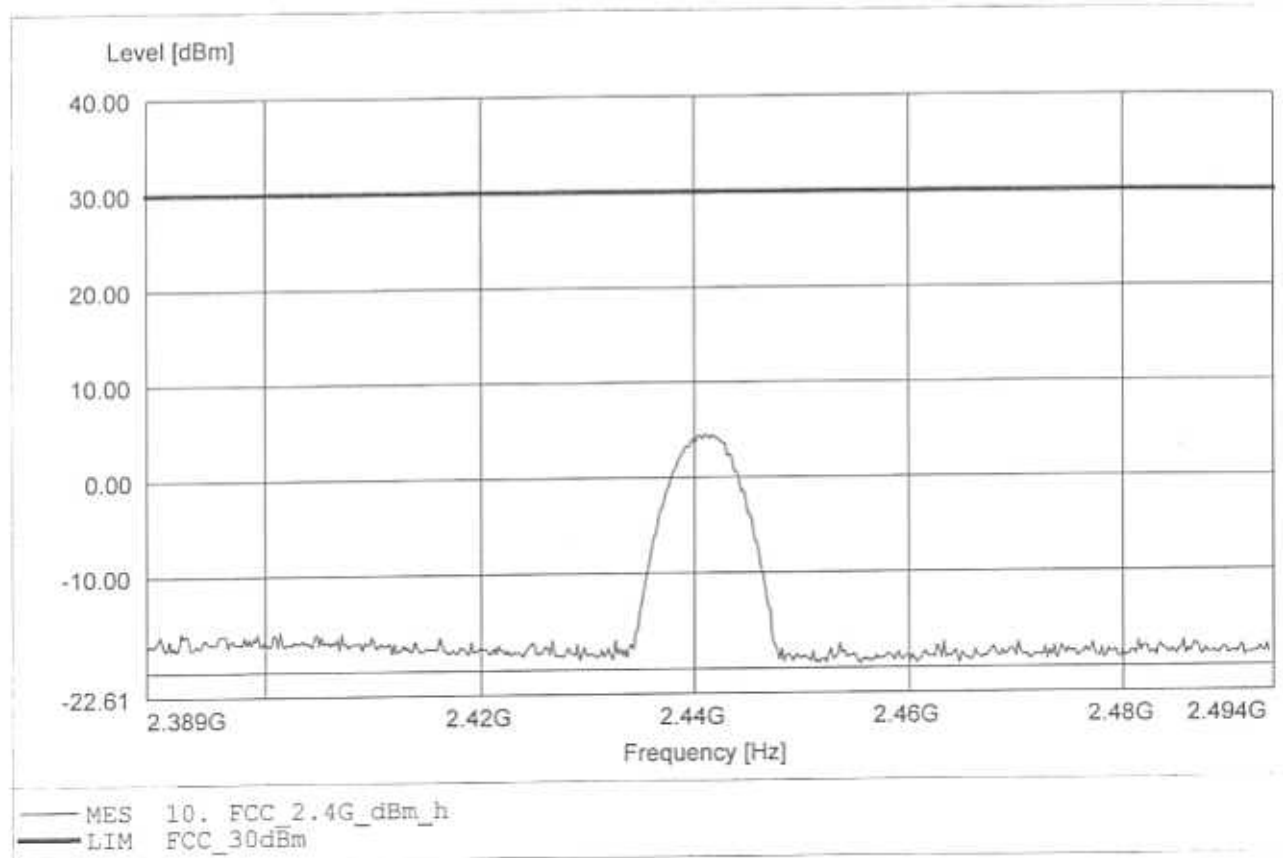
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: -4.82dBm, RBW: 5MHz



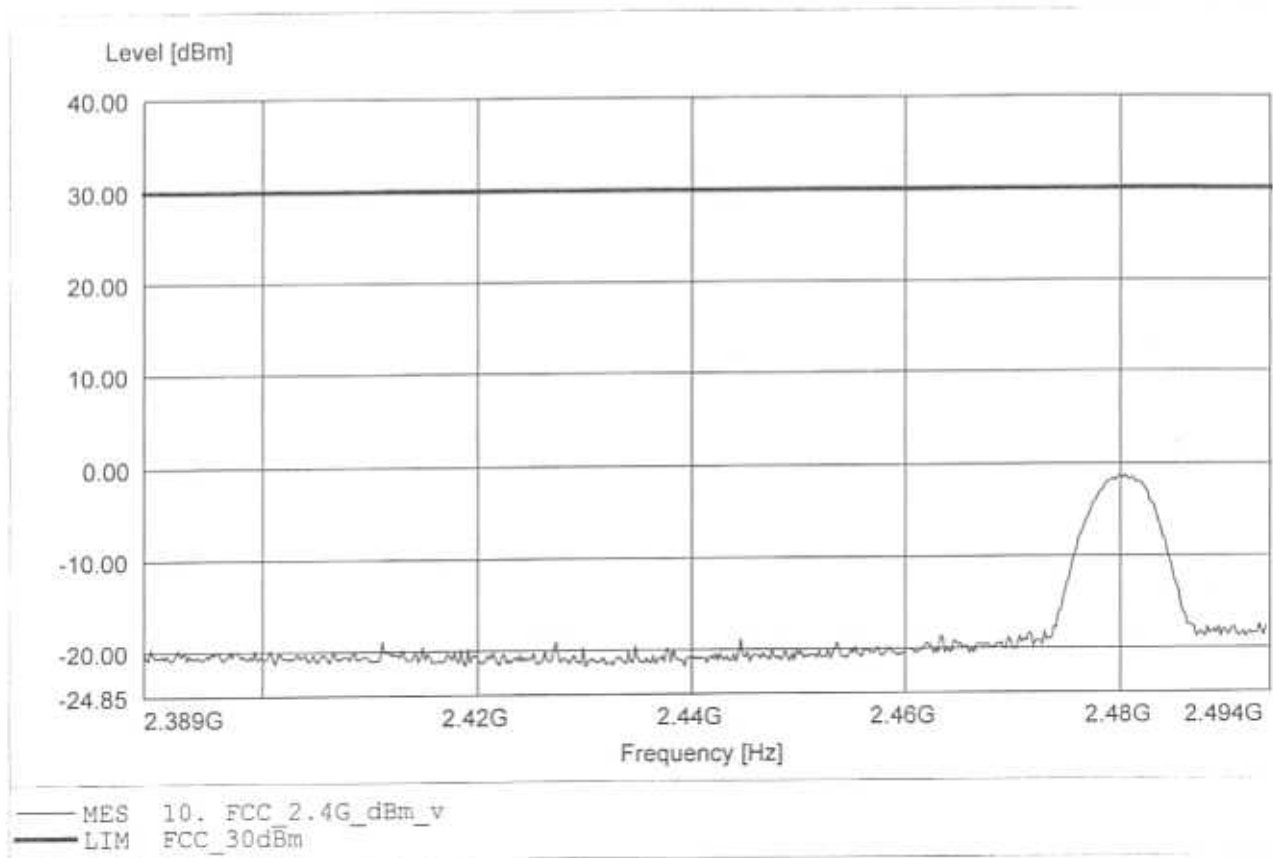
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.441GHz, Pmax: 4.47dBm, RBW: 5MHz



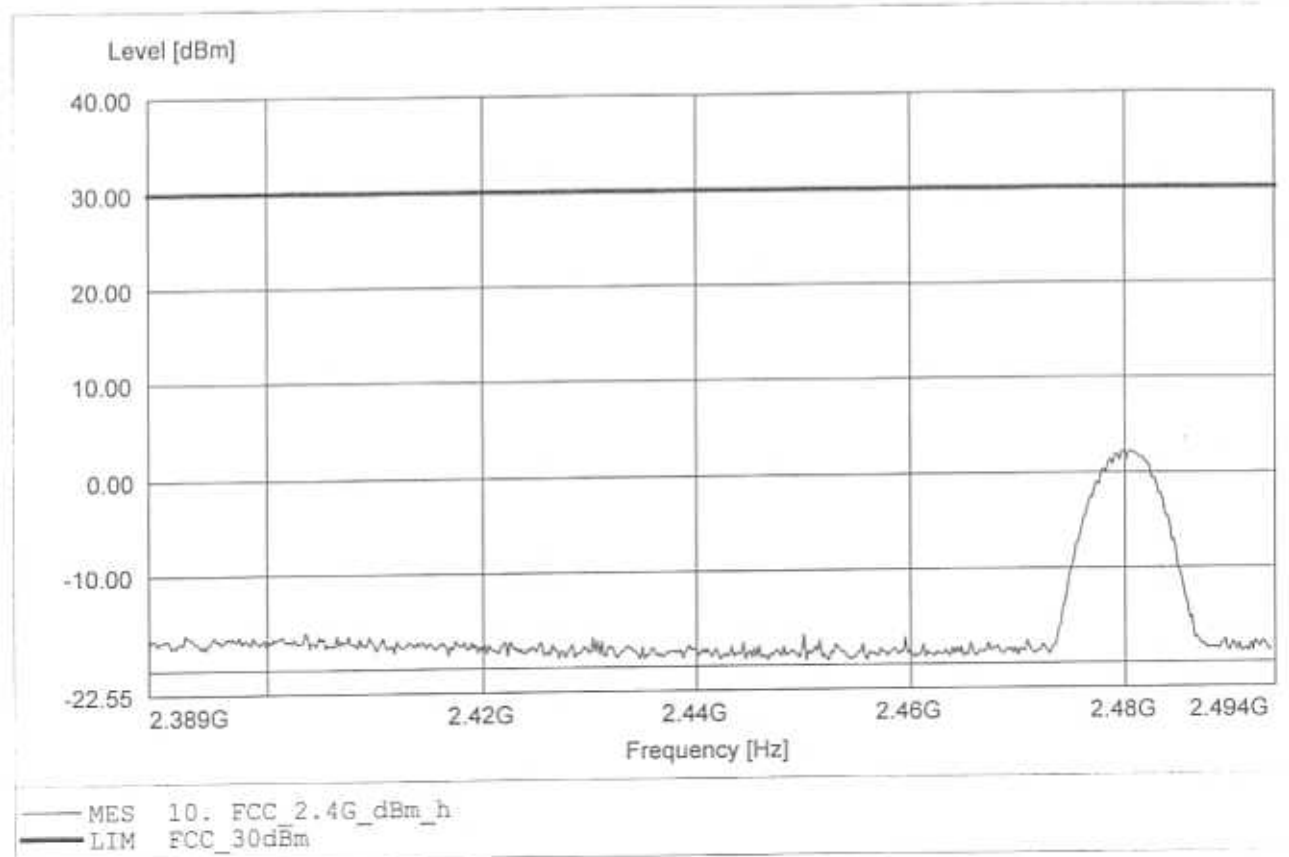
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -1.30dBm, RBW: 5MHz



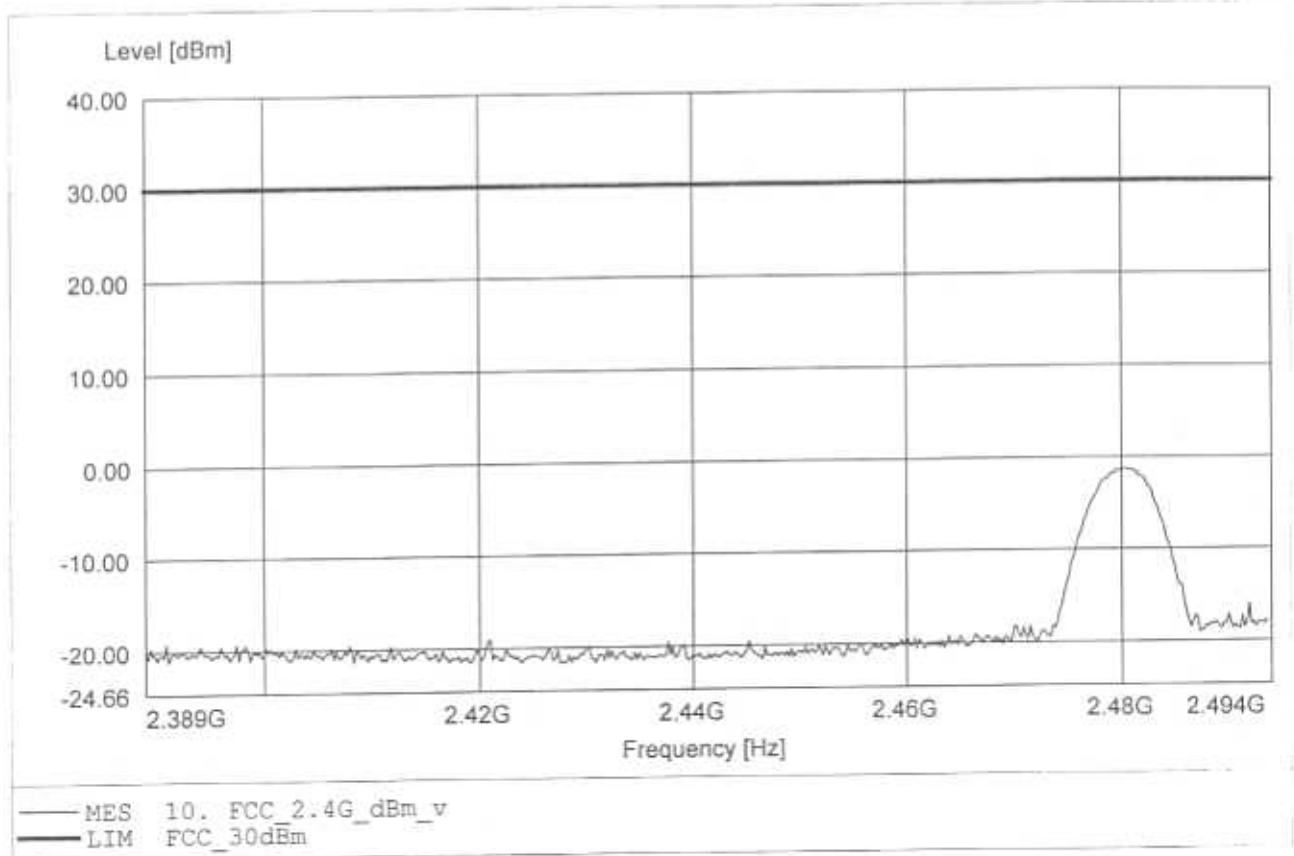
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 2.26dBm, RBW: 5MHz



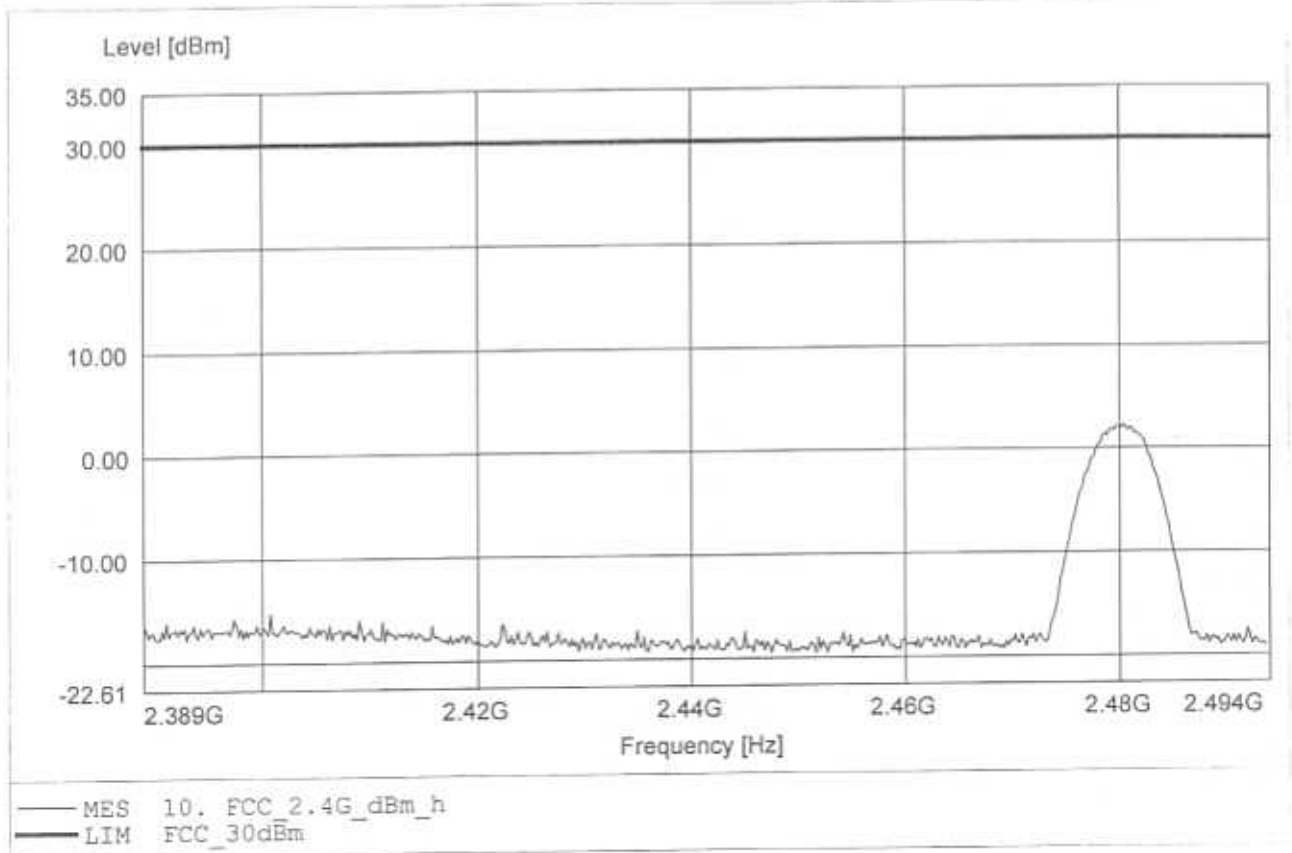
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -1.24dBm, RBW: 5MHz



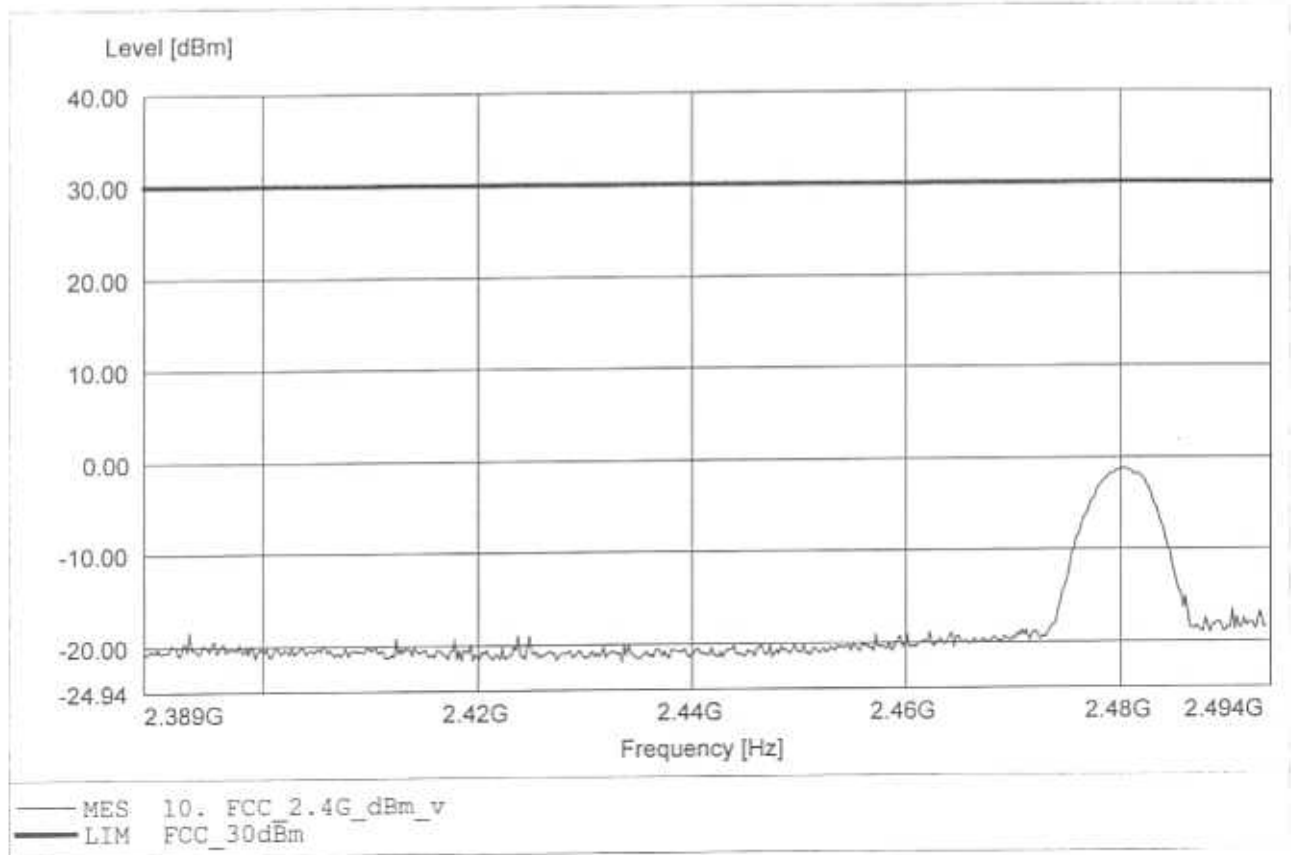
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umin: 3.1 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: 2.25dBm, RBW: 5MHz



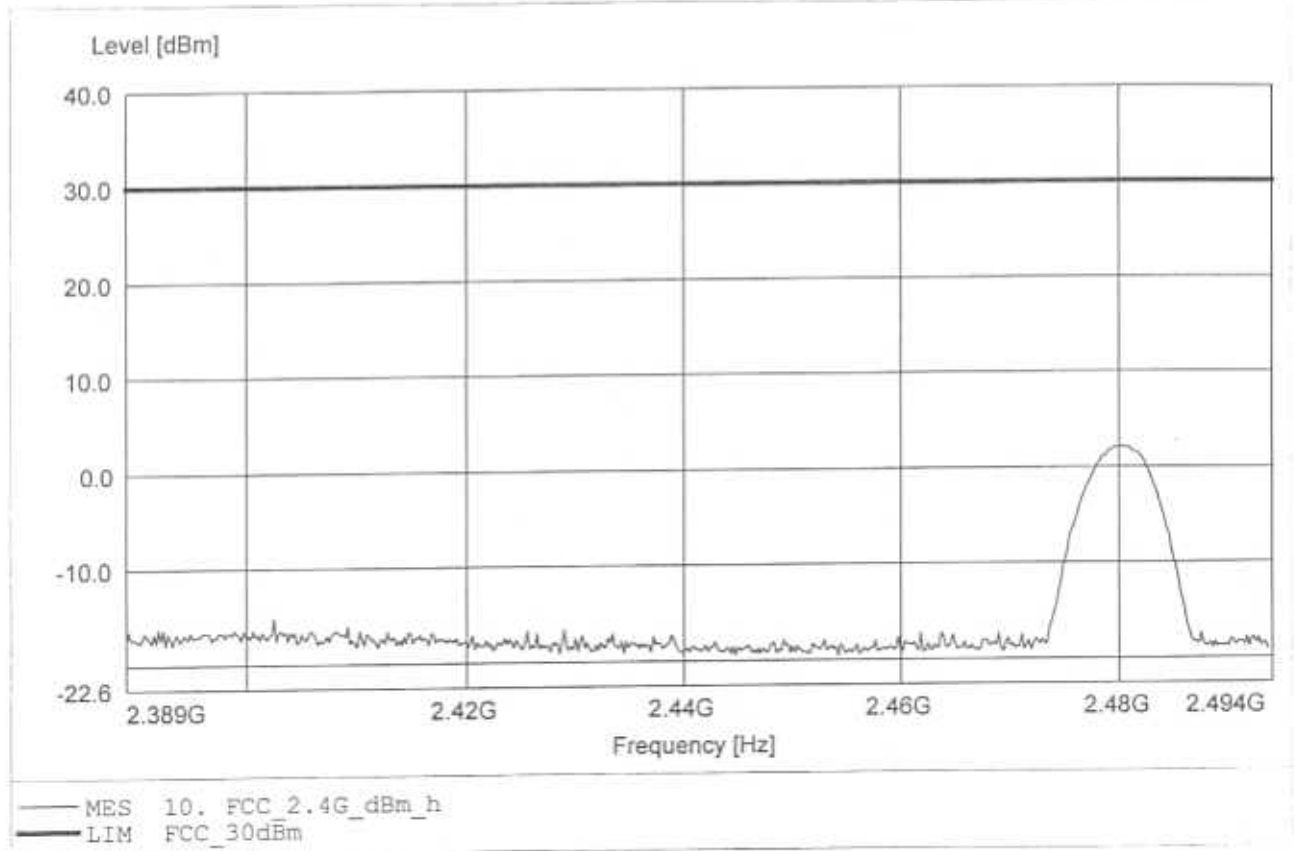
Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D
Comment 2: Freq: 2.480GHz, Pmax: -1.17dBm, RBW: 5MHz



Carrier power (dBm)
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: int. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Umax: 3.5 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: BBHA9120D'
Comment 2: Freq: 2.480GHz, Pmax: 2.19dBm, RBW: 5MHz



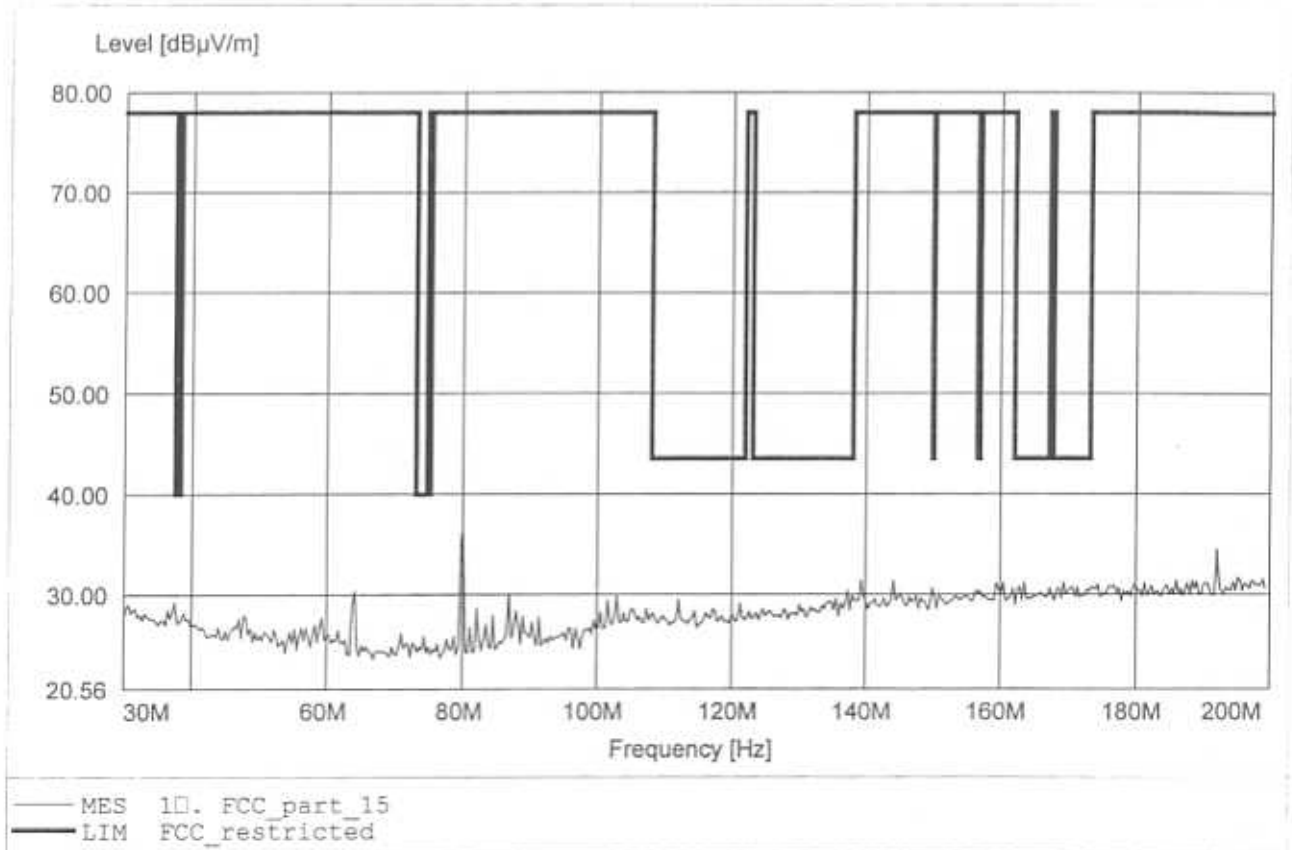


Appendix C

Spurious Emissions radiated - Transmitter operating

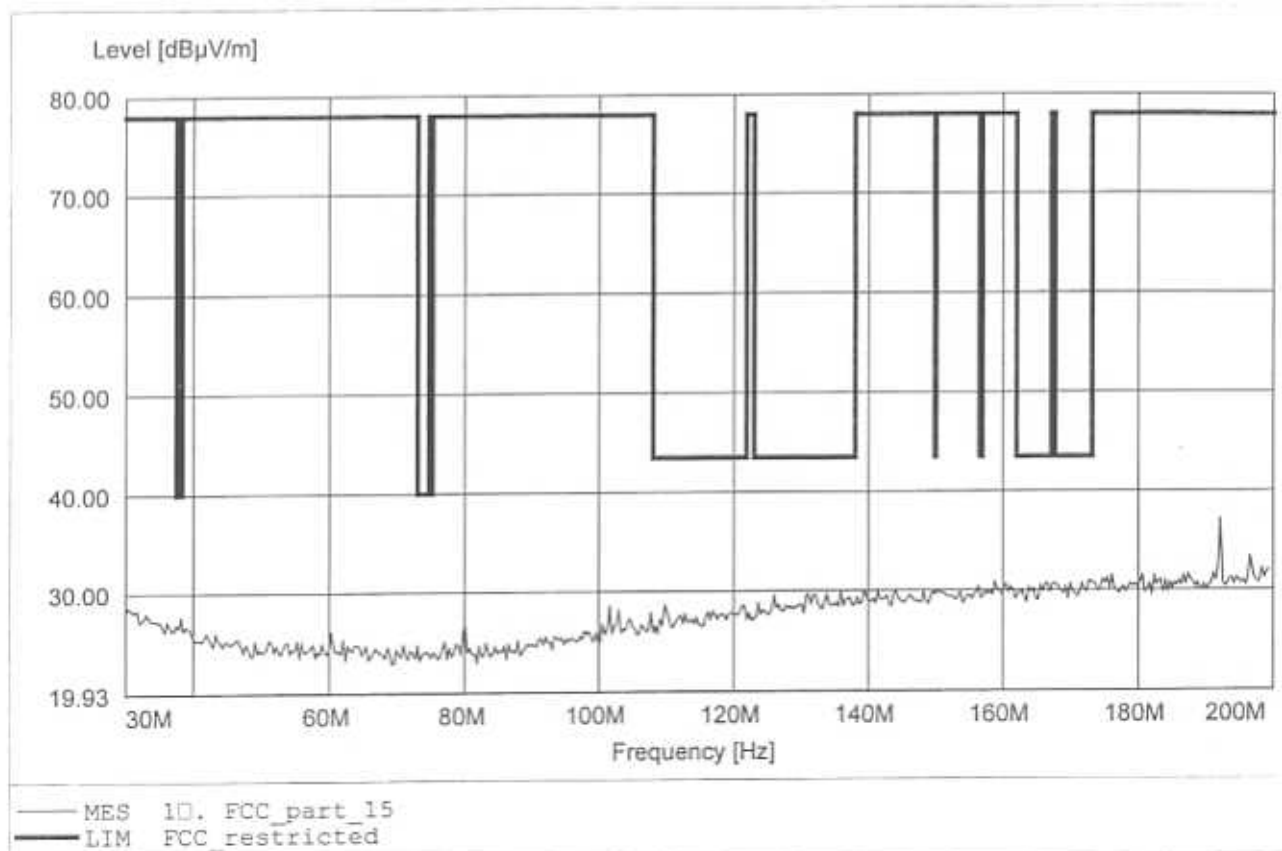
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 80.080MHz, Emax: 36.18dBµV/m, RBW: 100kHz



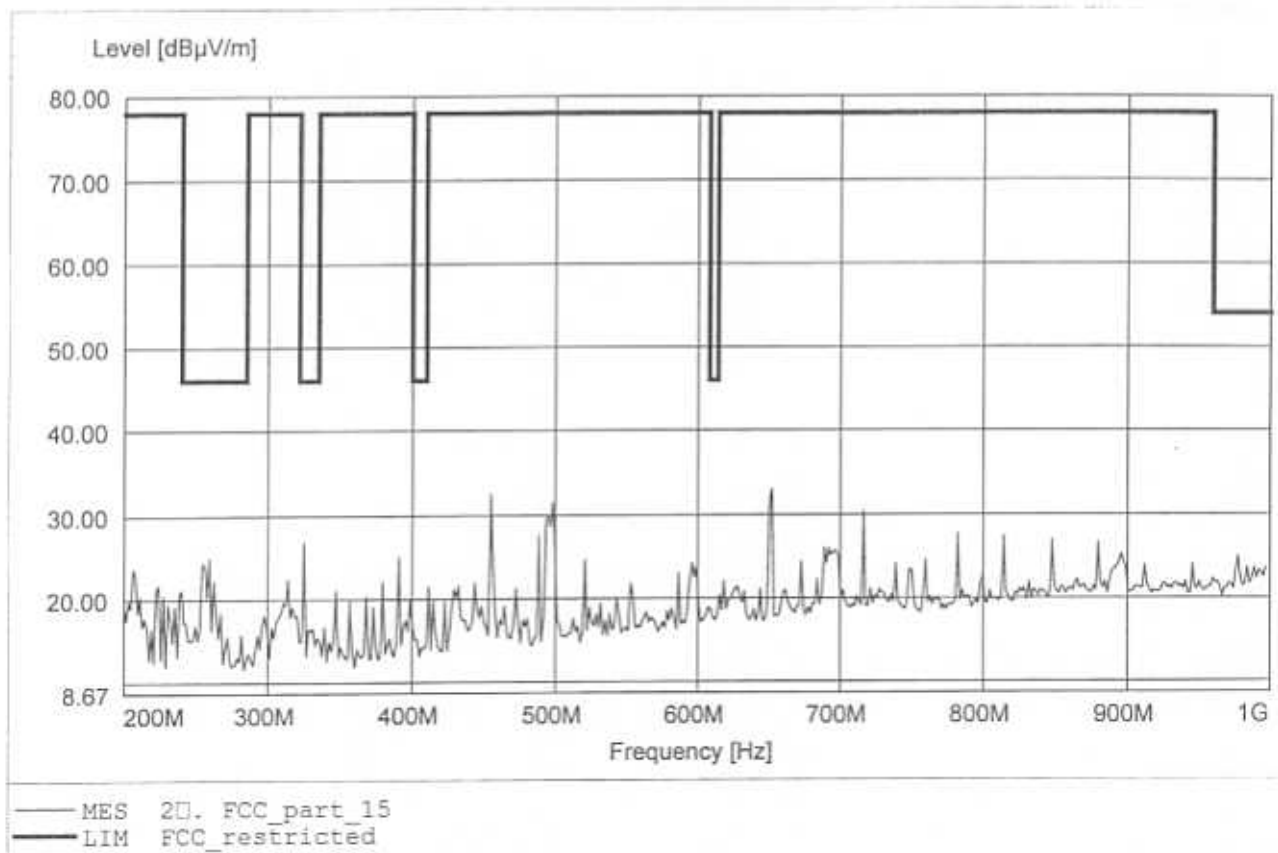
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 37.25dBµV/m, RBW: 100kHz



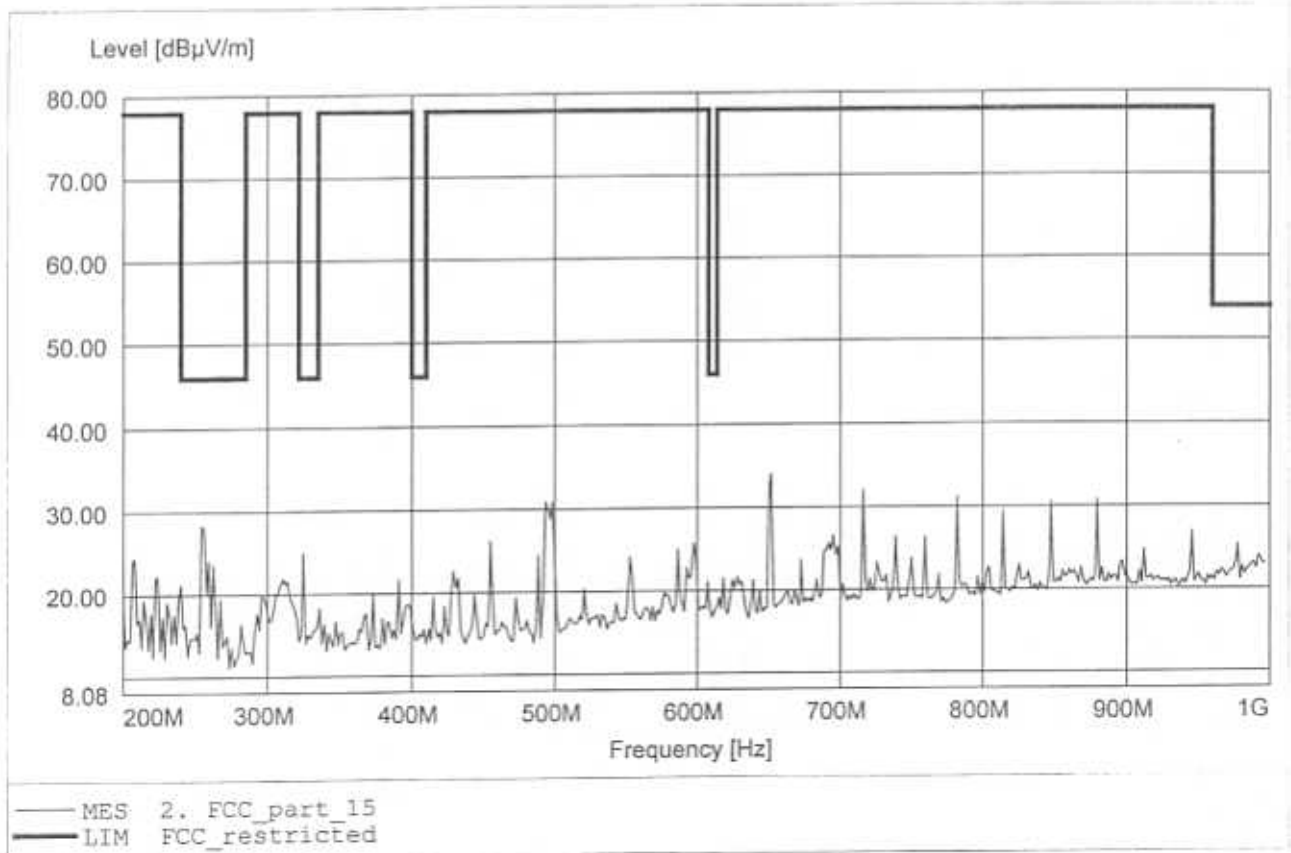
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 652.104MHz, Emax: 33.09dBµV/m, RBW: 100kHz



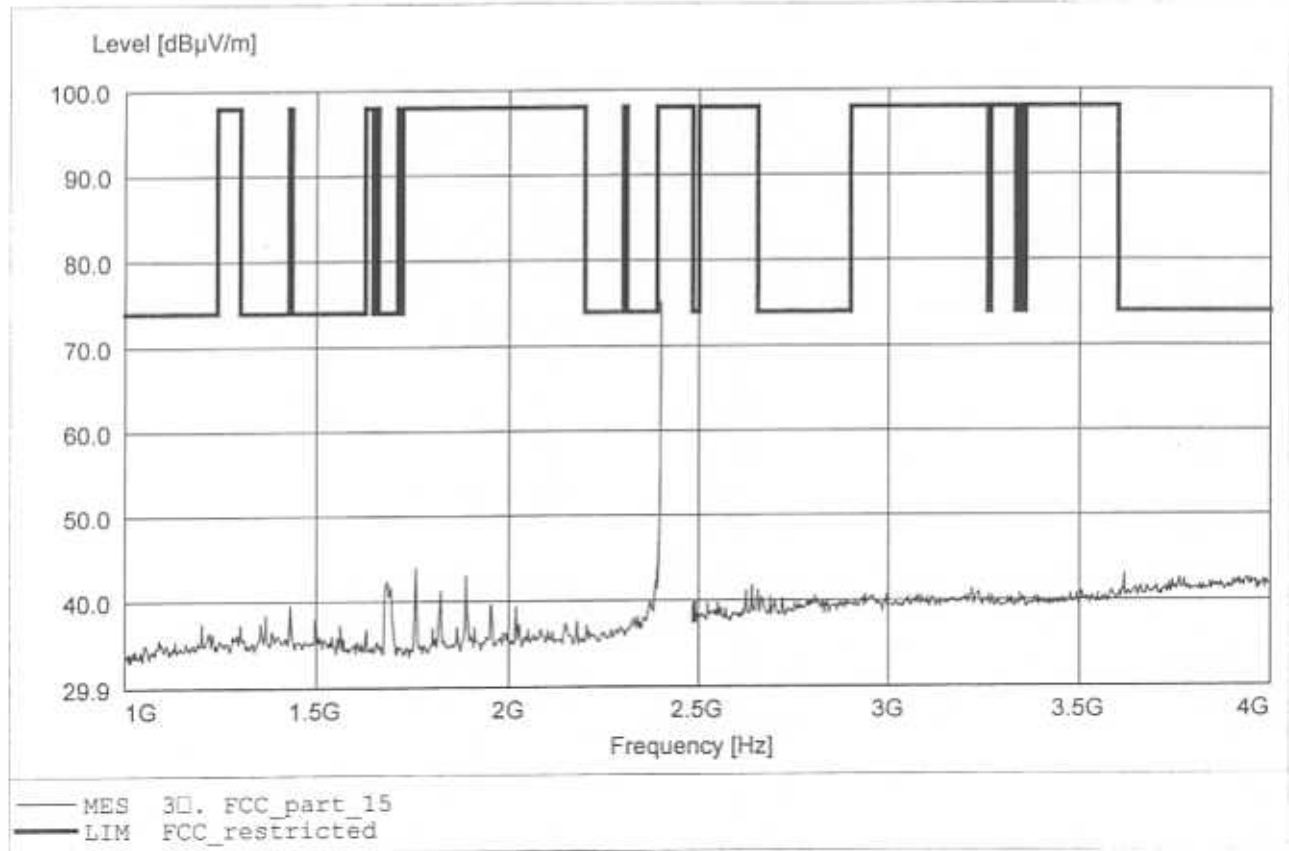
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 652.104MHz, Emax: 34.08dBµV/m, RBW: 100kHz



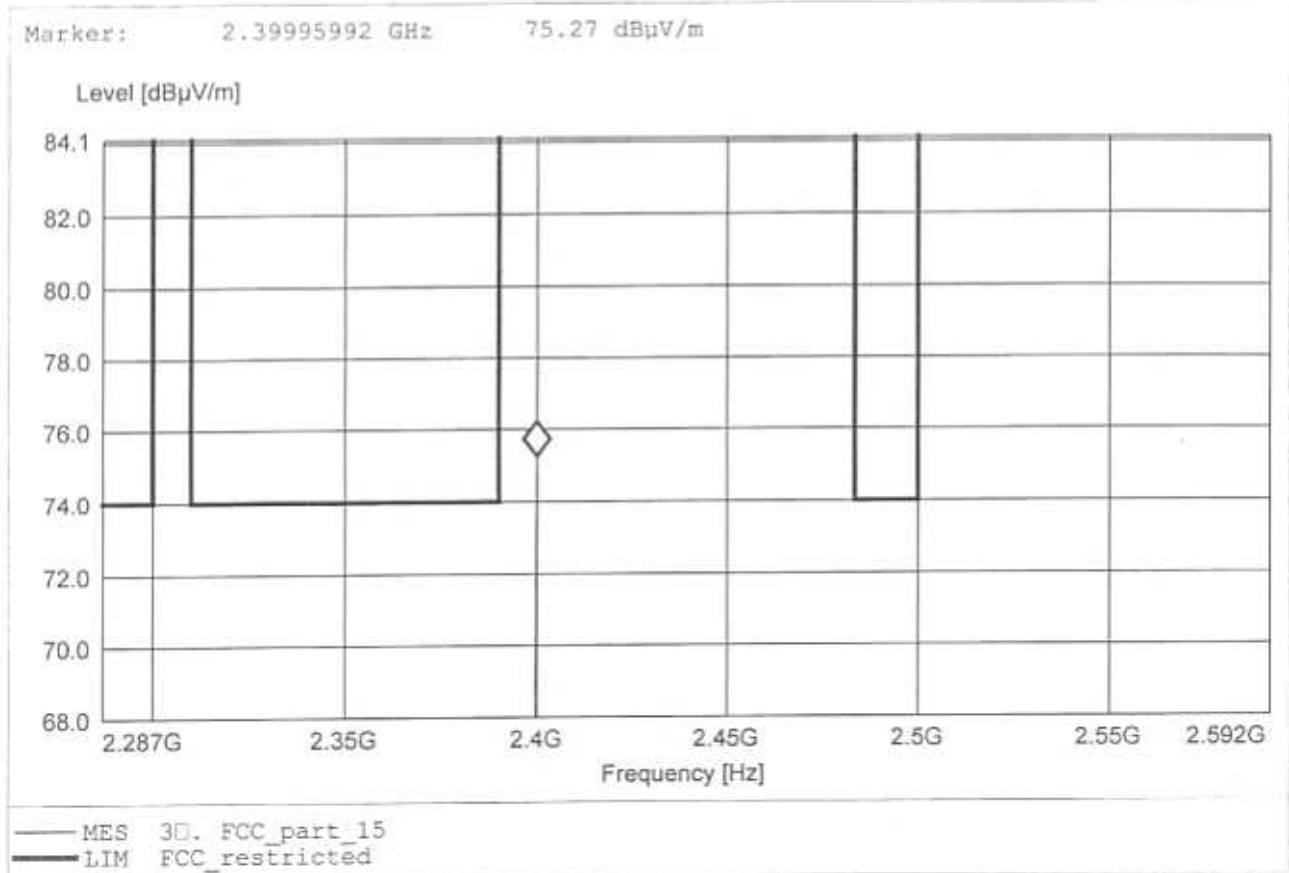
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 75.27dBµV/m, RBW: 1MHz



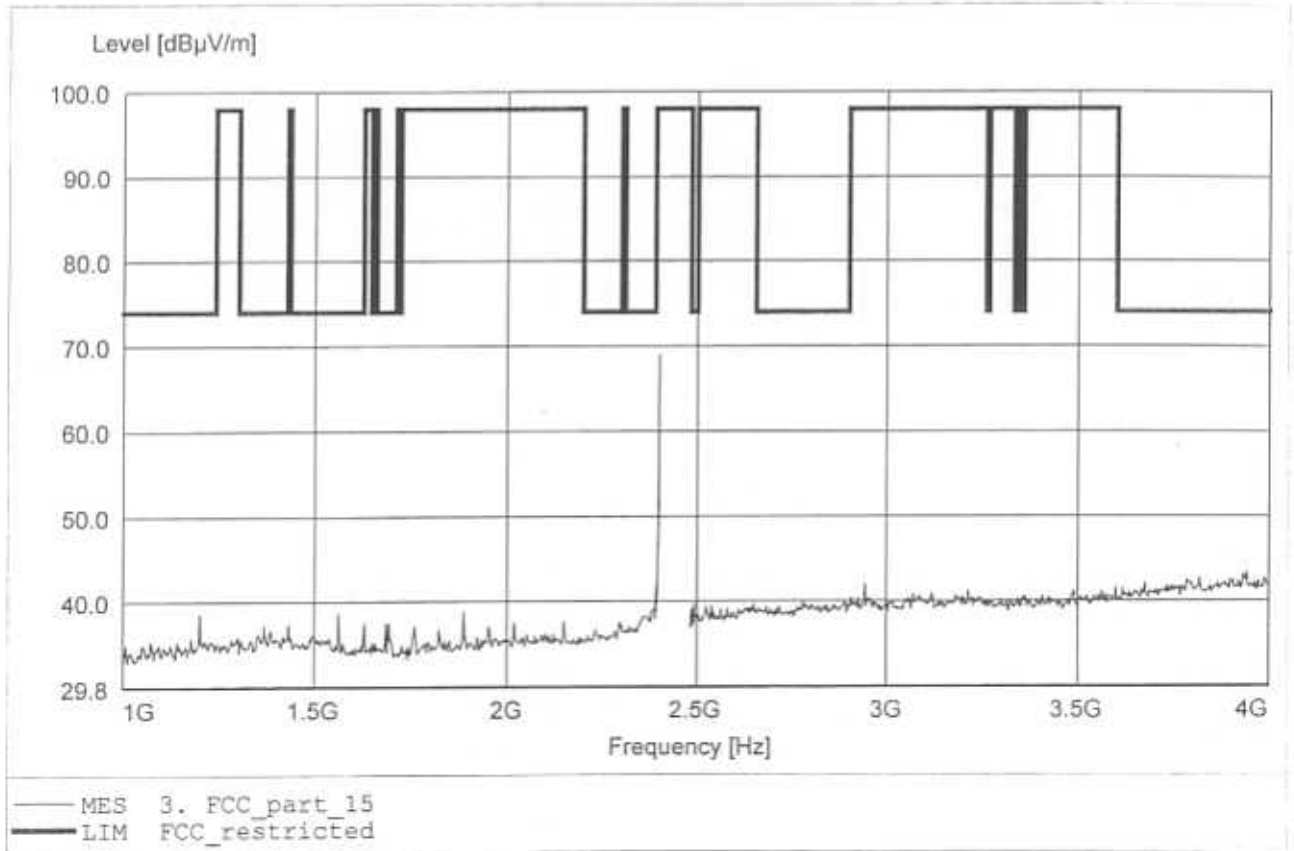
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 75.27dBµV/m, RBW: 1MHz



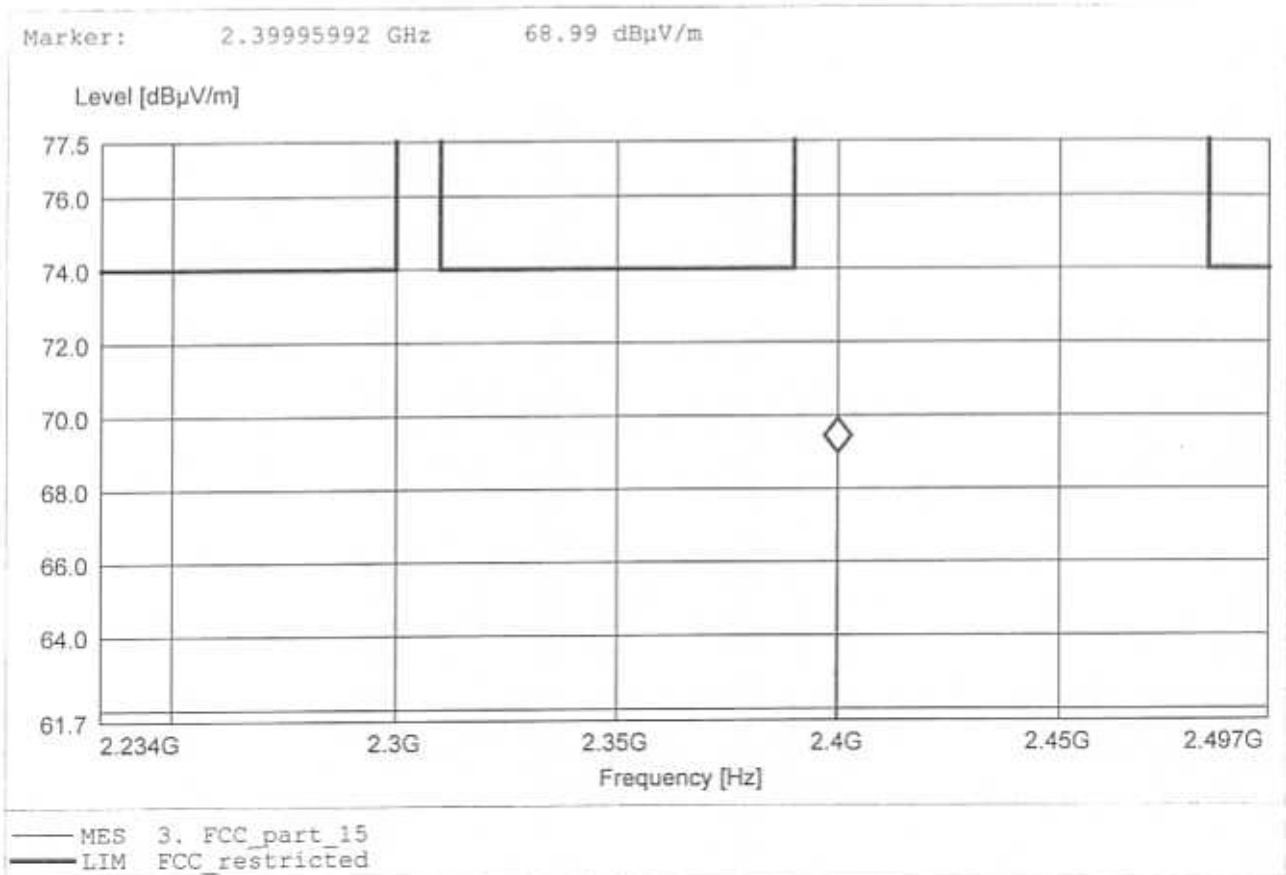
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 68.99dBµV/m, RBW: 1MHz



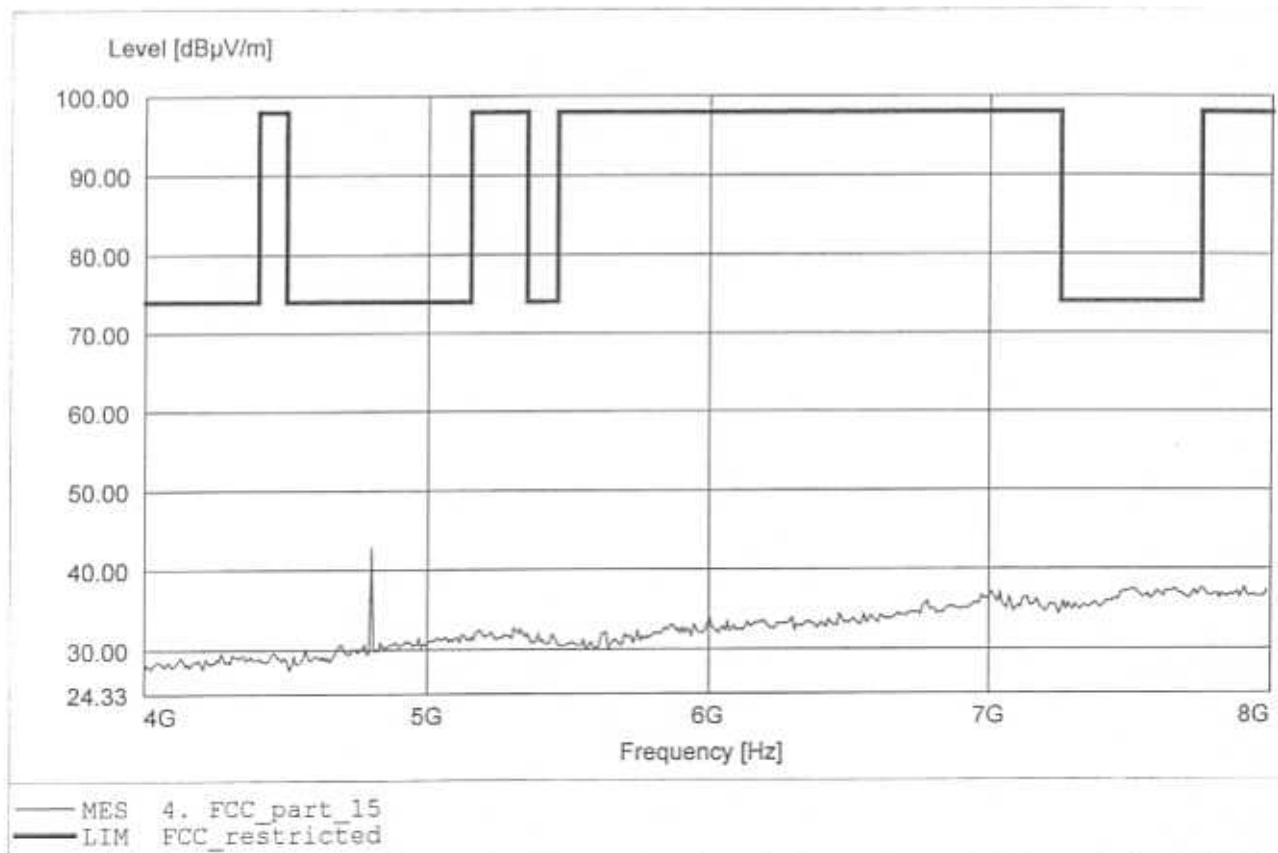
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.400GHz, Emax: 68.99dBµV/m, RBW: 1MHz



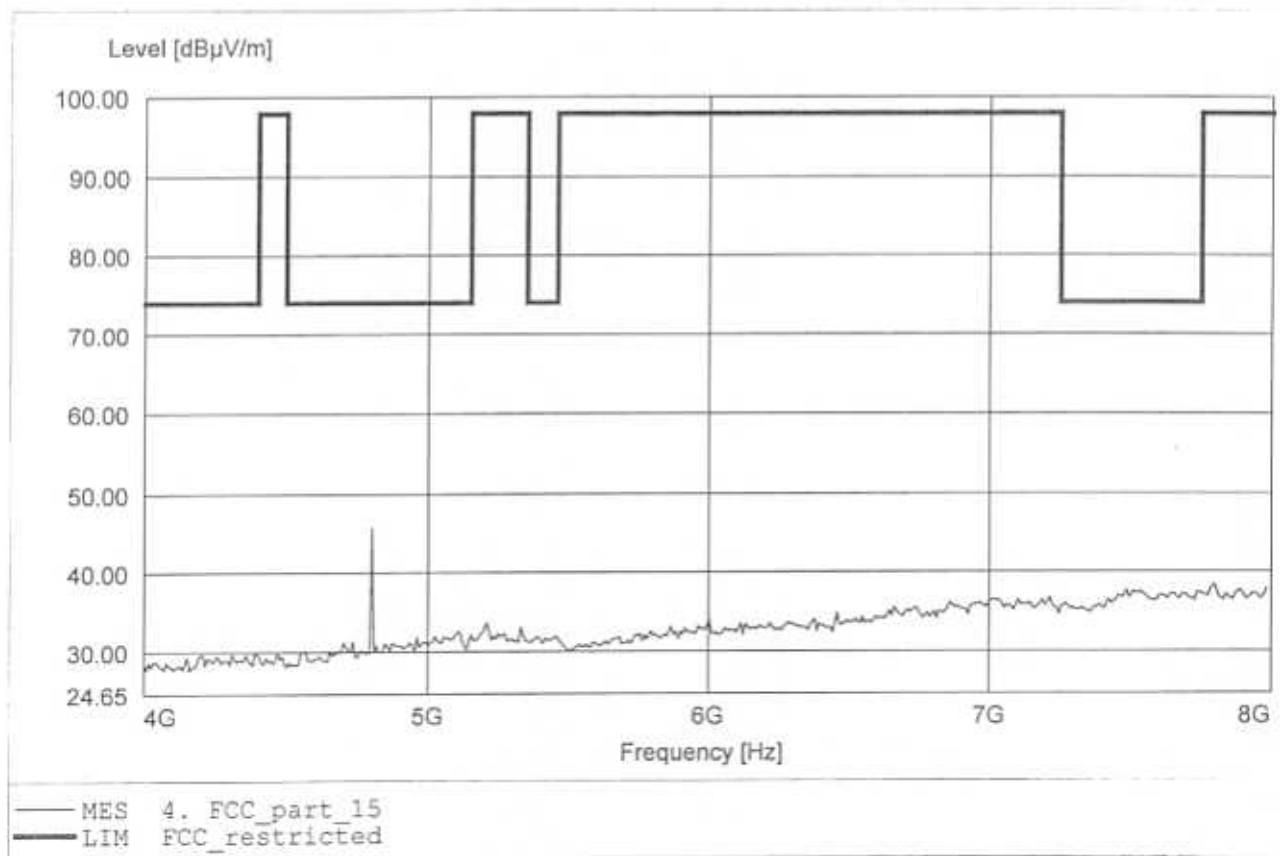
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Emax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 42.84dB μ V/m, RBW: 1MHz



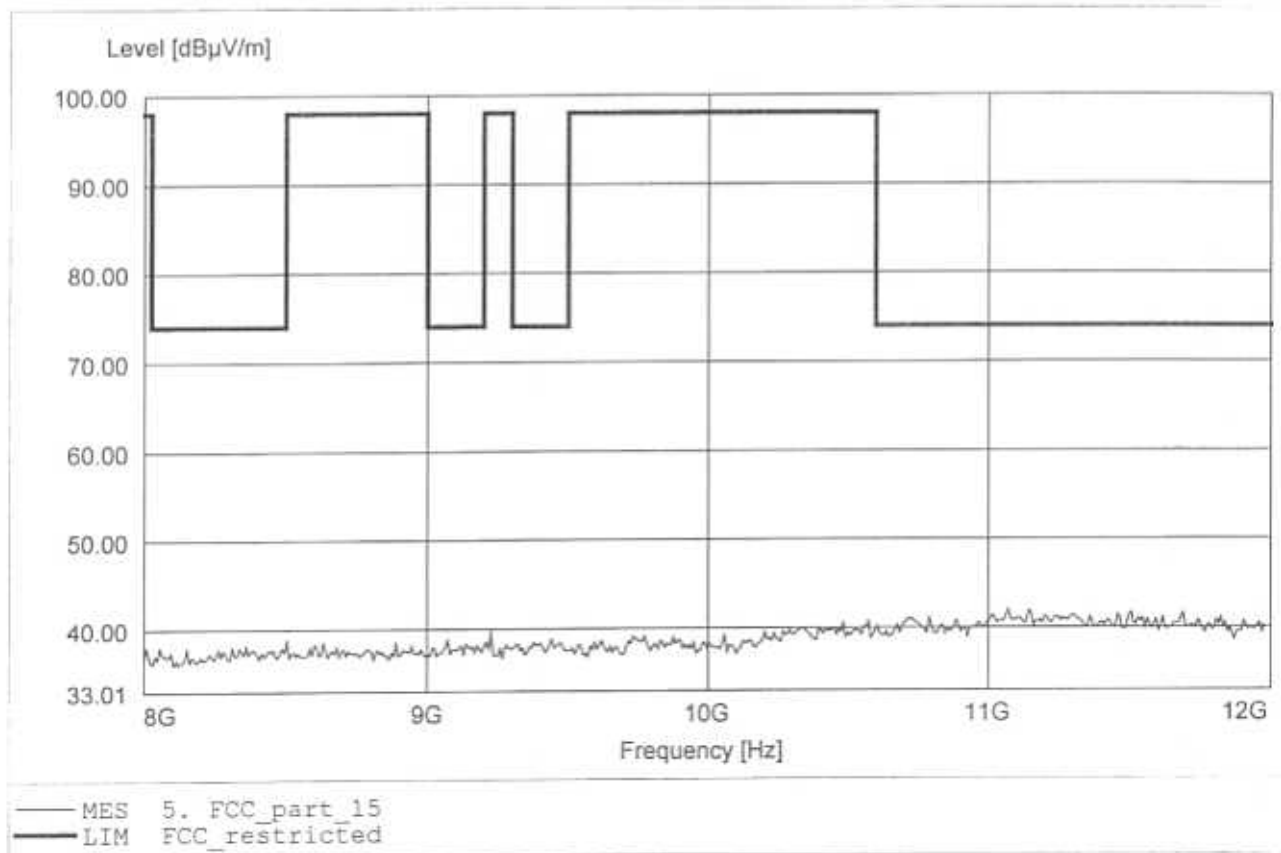
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.802GHz, Emax: 45.79dBµV/m, RBW: 1MHz



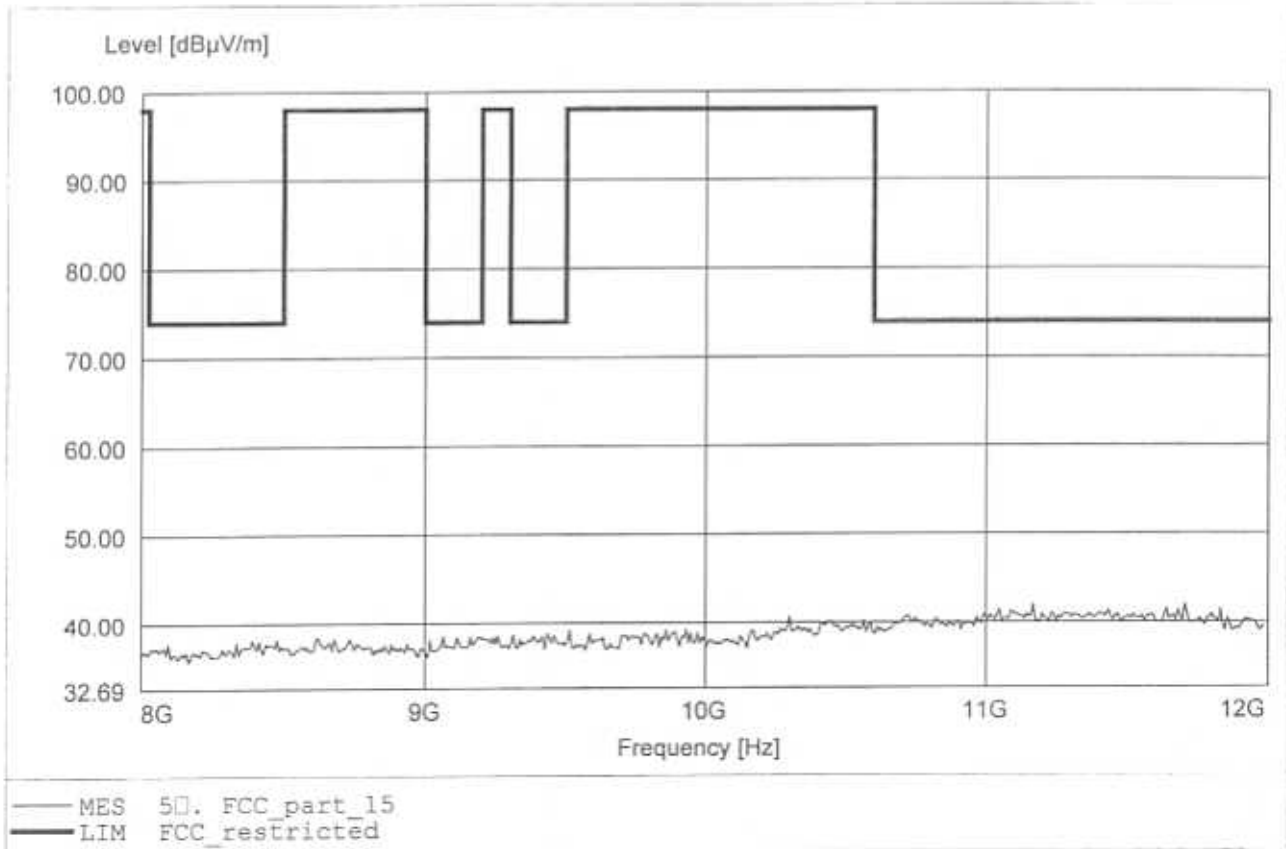
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.070GHz, Emax: 42.10dBμV/m, RBW: 1MHz



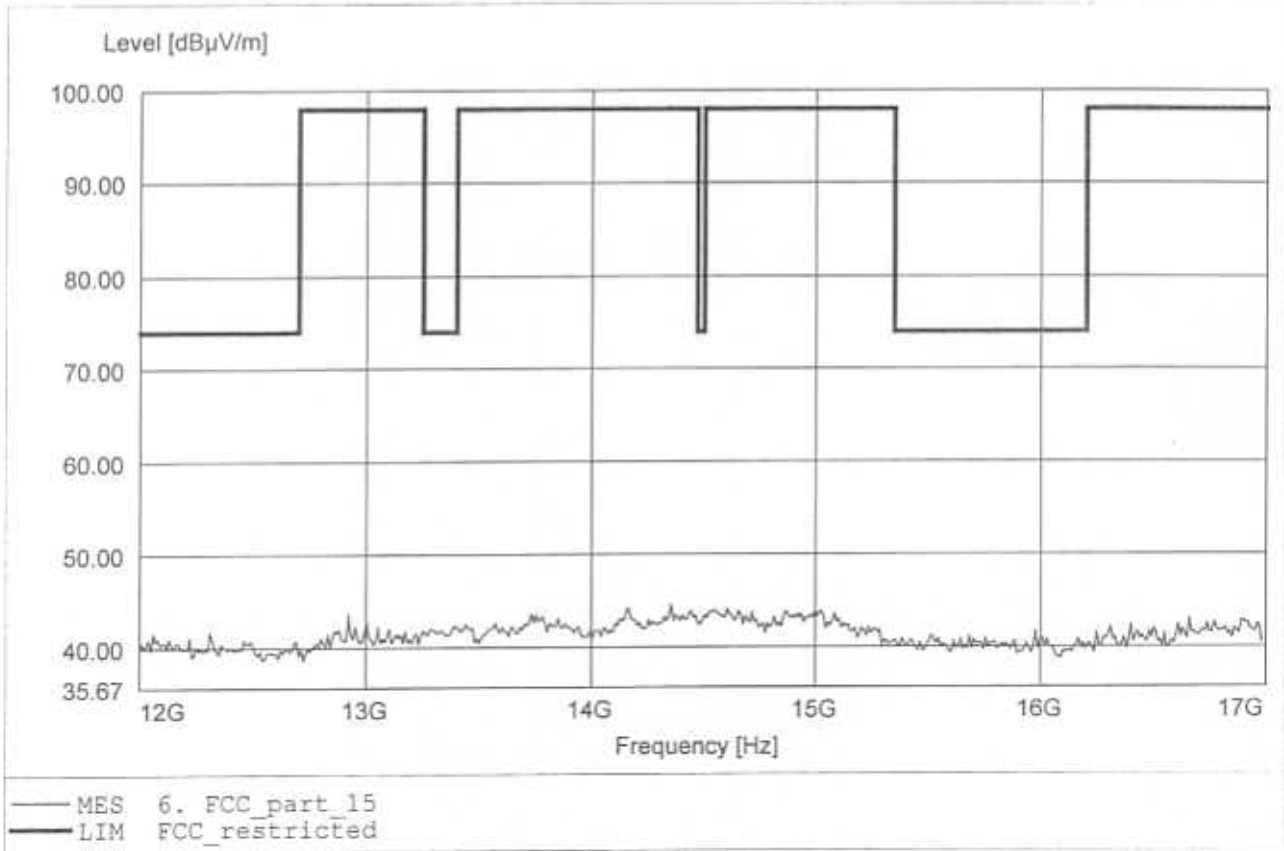
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.166GHz, Emax: 42.04dBuV/m, RBW: 1MHz



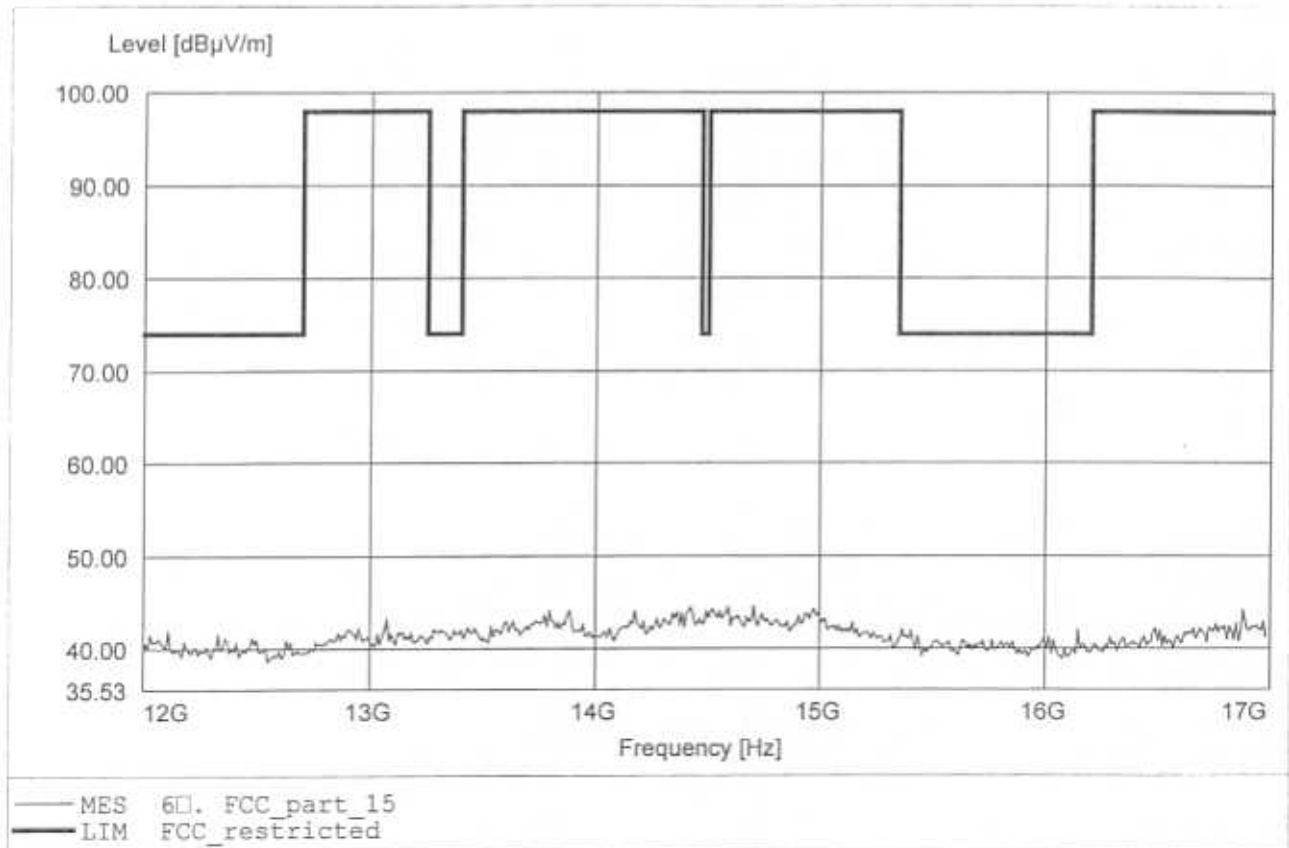
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.355GHz, Emax: 44.59dBµV/m, RBW: 1MHz



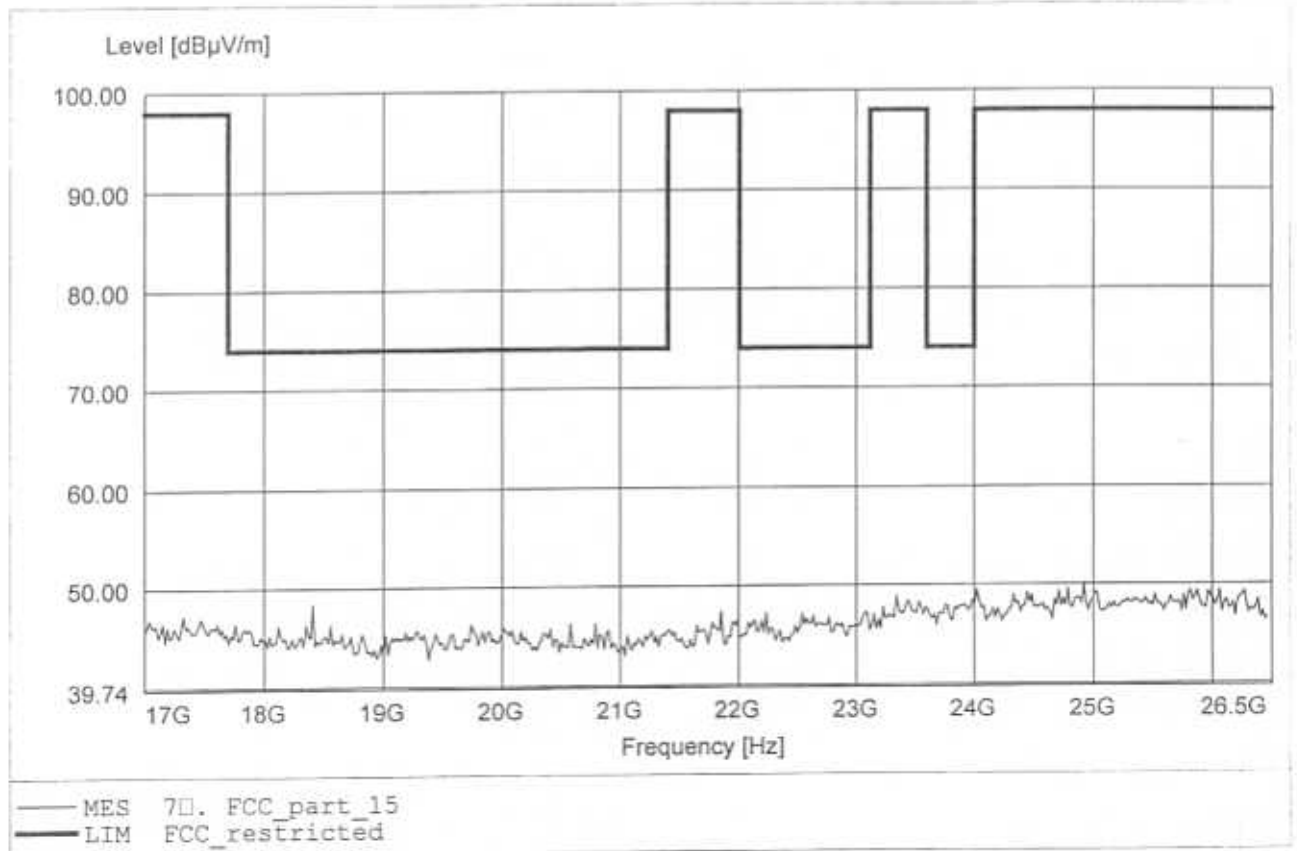
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.705GHz, Emax: 44.61dBuV/m, RBW: 1MHz



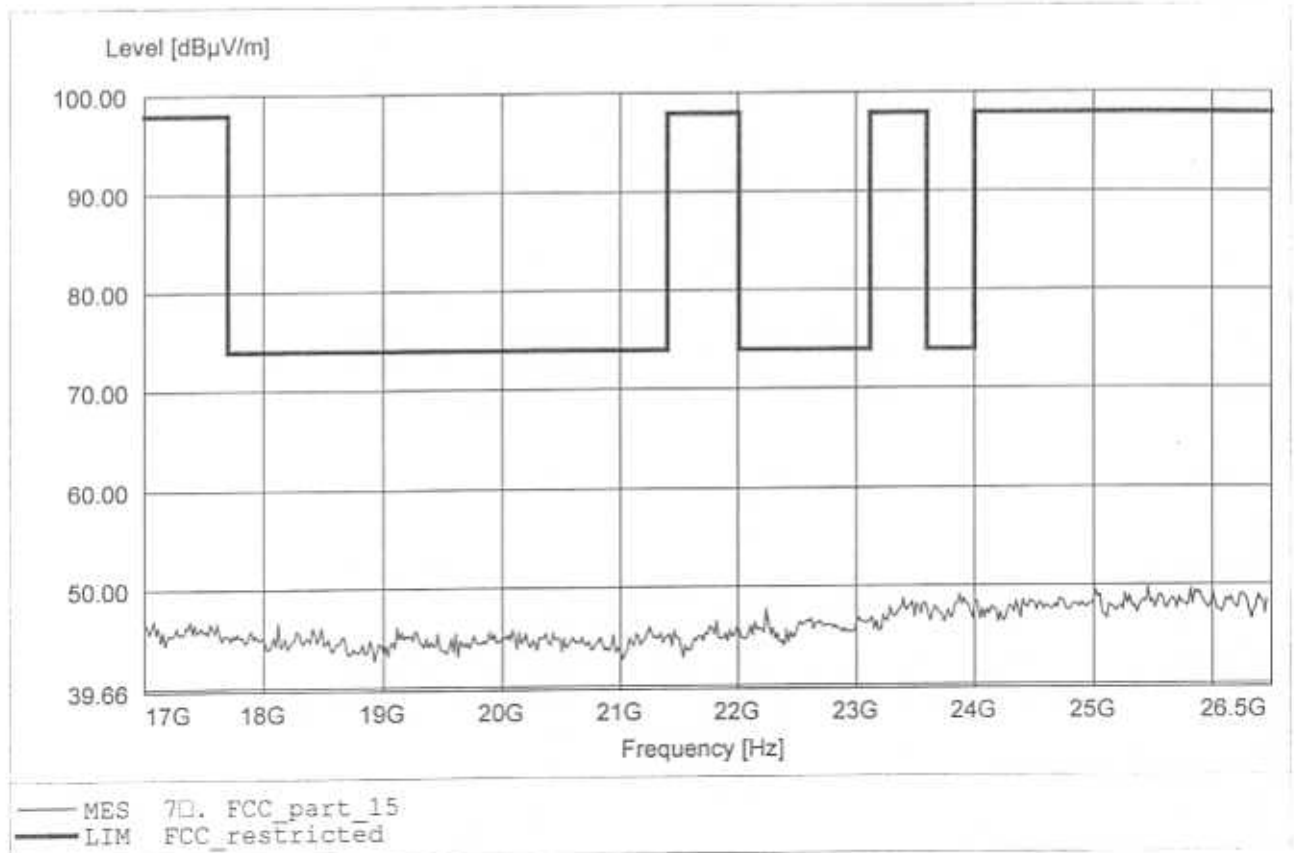
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.920GHz, Emax: 50.15dBuV/m, RBW: 1MHz



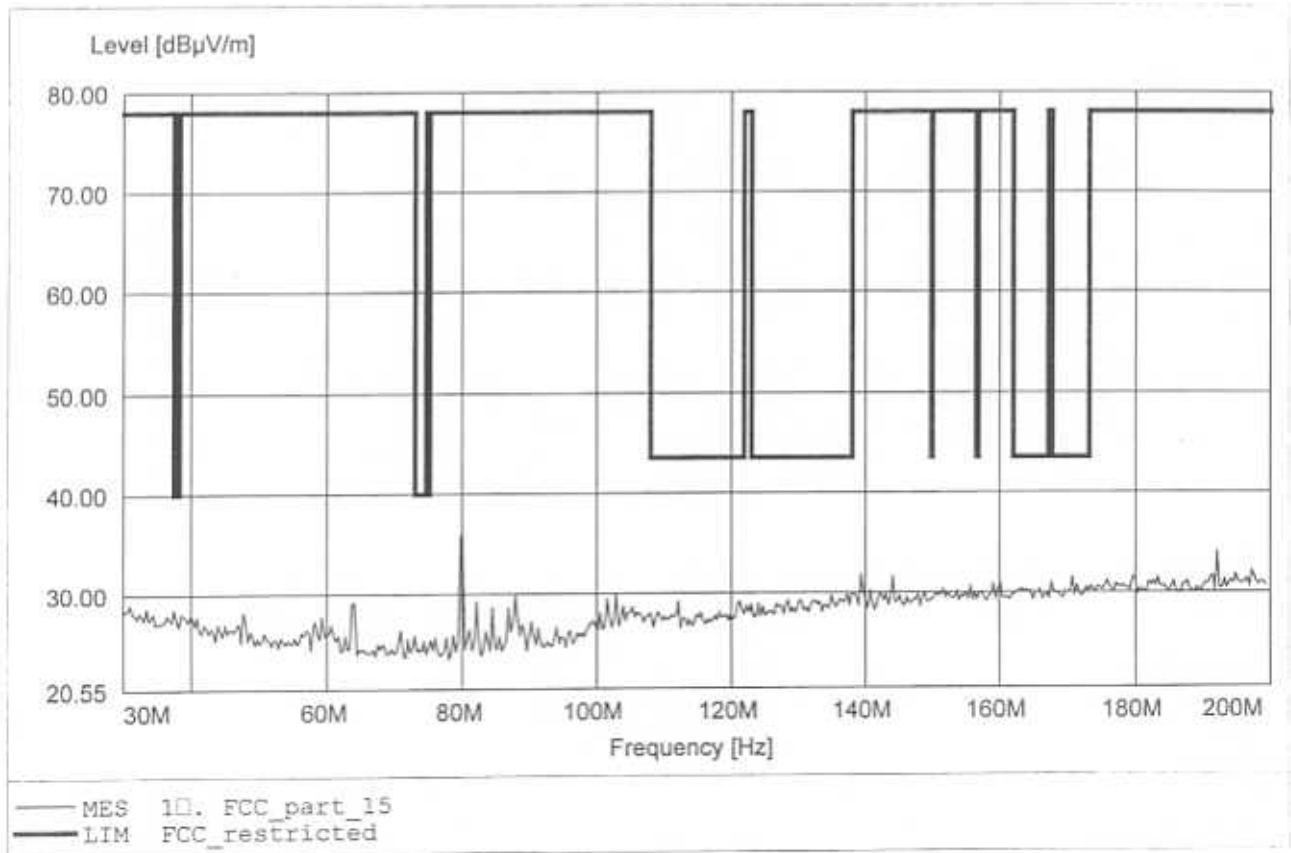
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2402 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.453GHz, Emax: 49.80dBµV/m, RBW: 1MHz



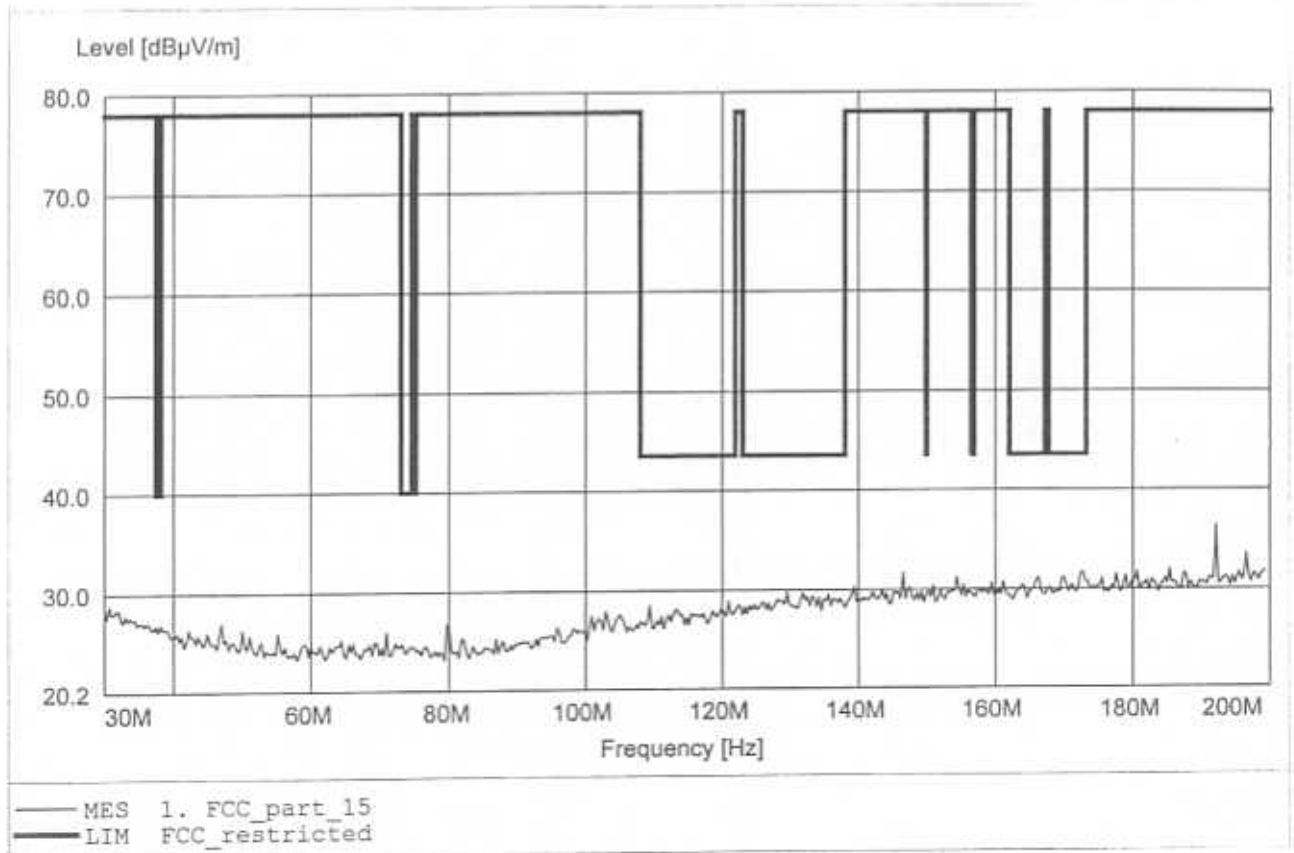
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 80.080MHz, Emax: 36.05dBuV/m, RBW: 100kHz



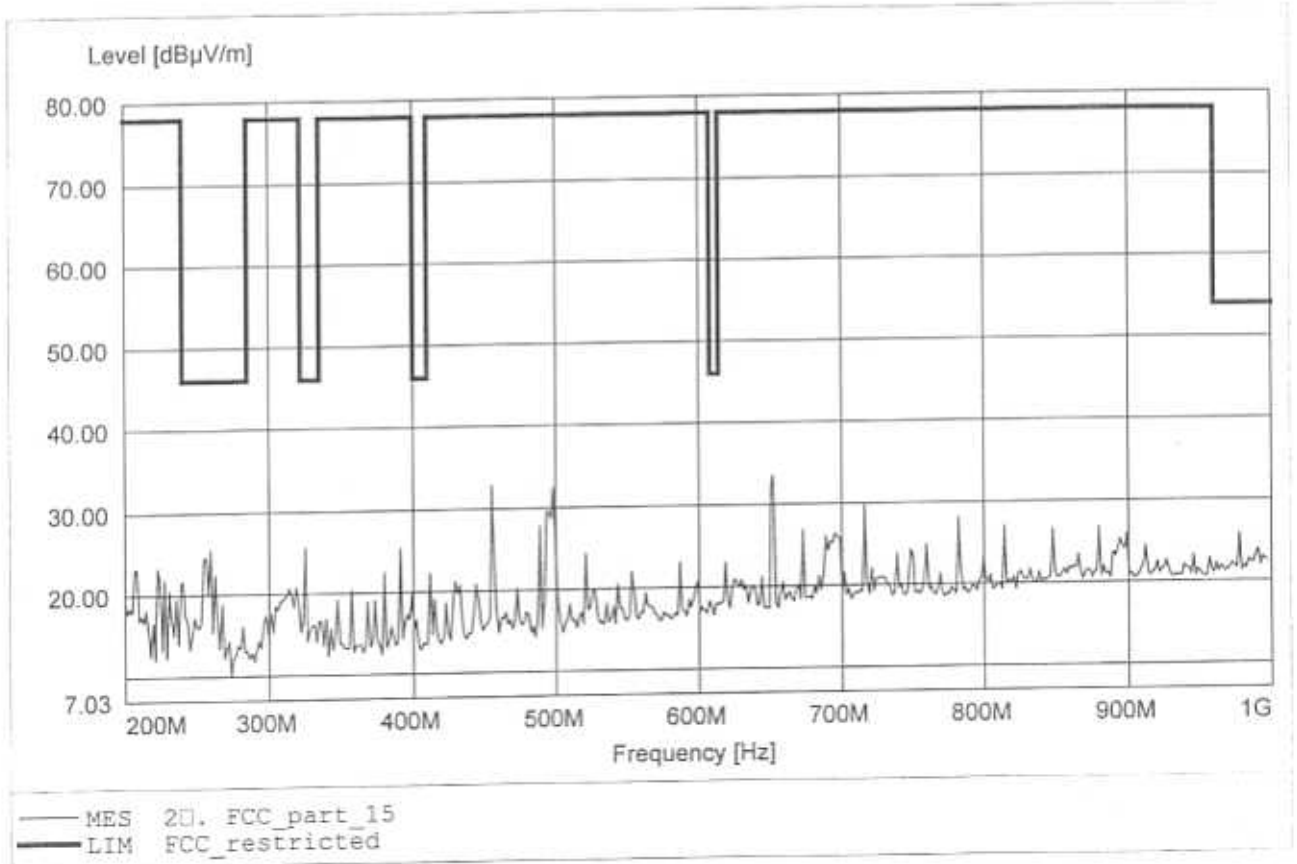
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 36.32dBµV/m, RBW: 100kHz



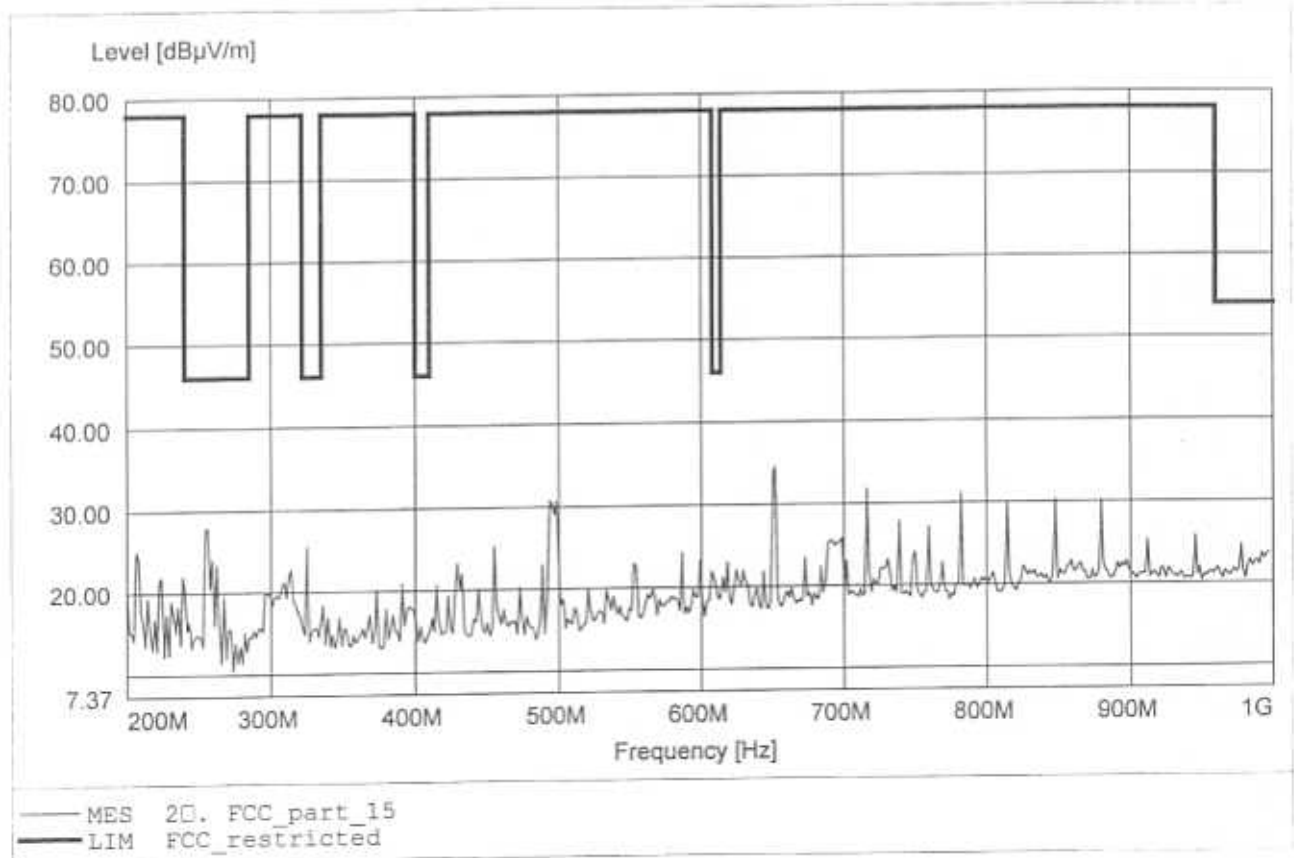
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MRz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 652.104MHz, Emax: 33.54dBµV/m, RBW: 100kHz



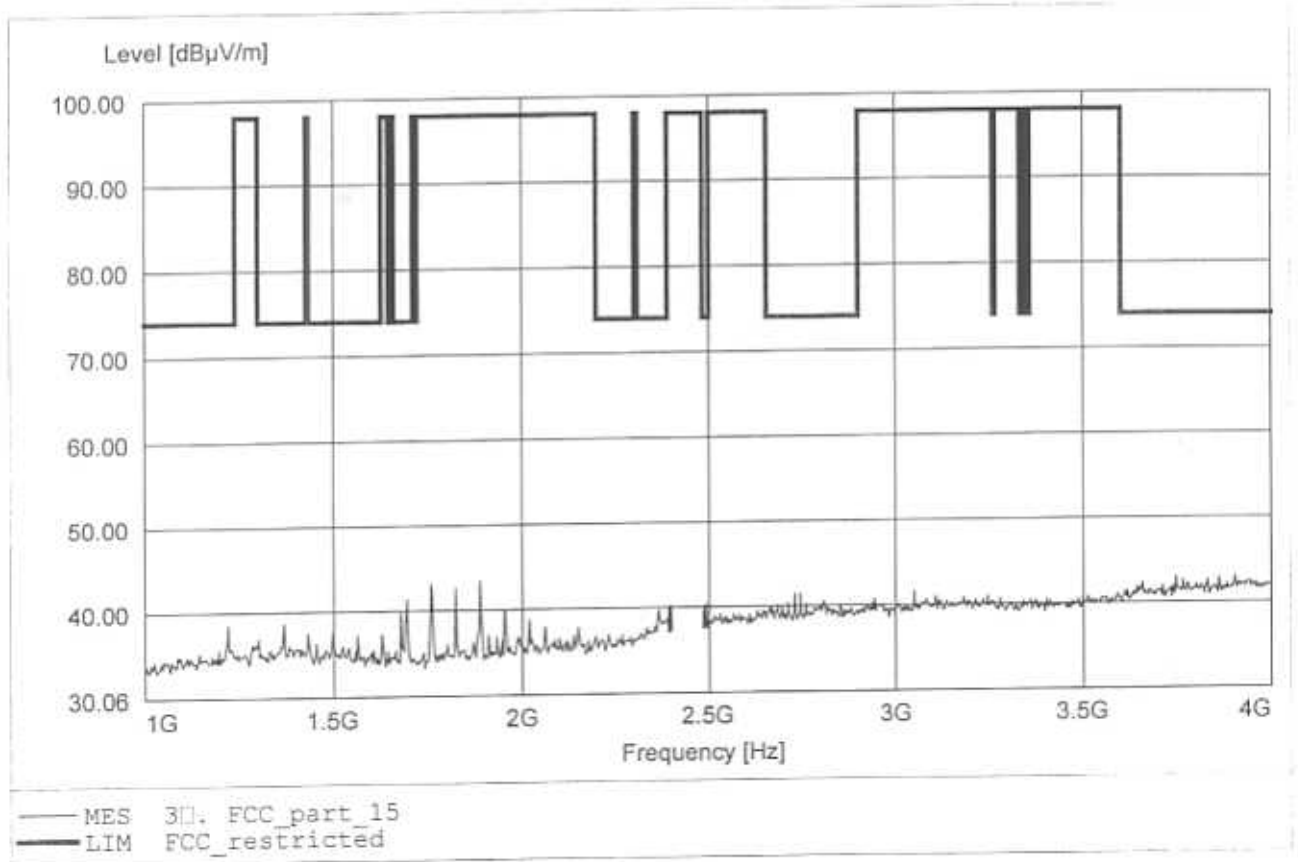
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 652.104MHz, Emax: 34.57dBµV/m, RBW: 100kHz



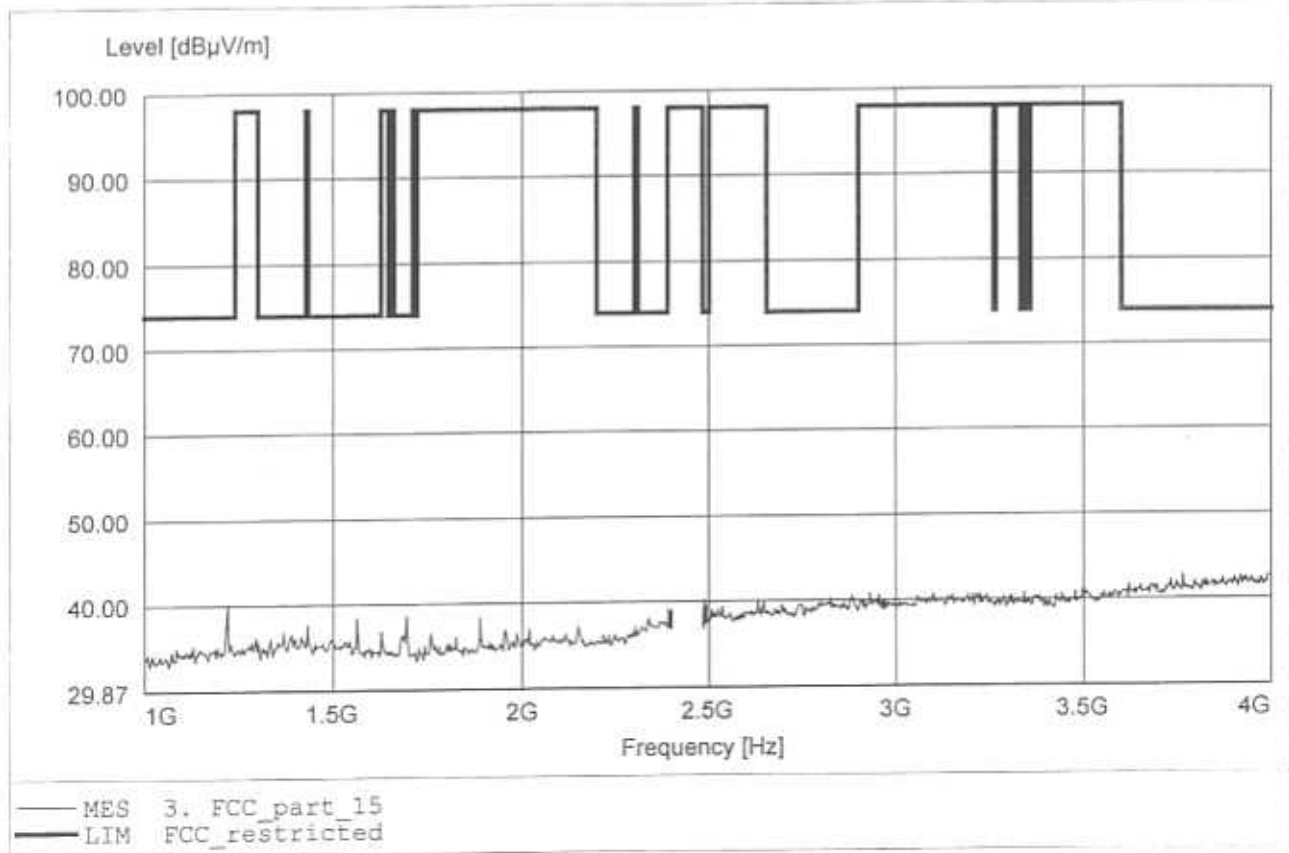
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 1.889GHz, Emax: 43.37dBuV/m, RBW: 1MHz



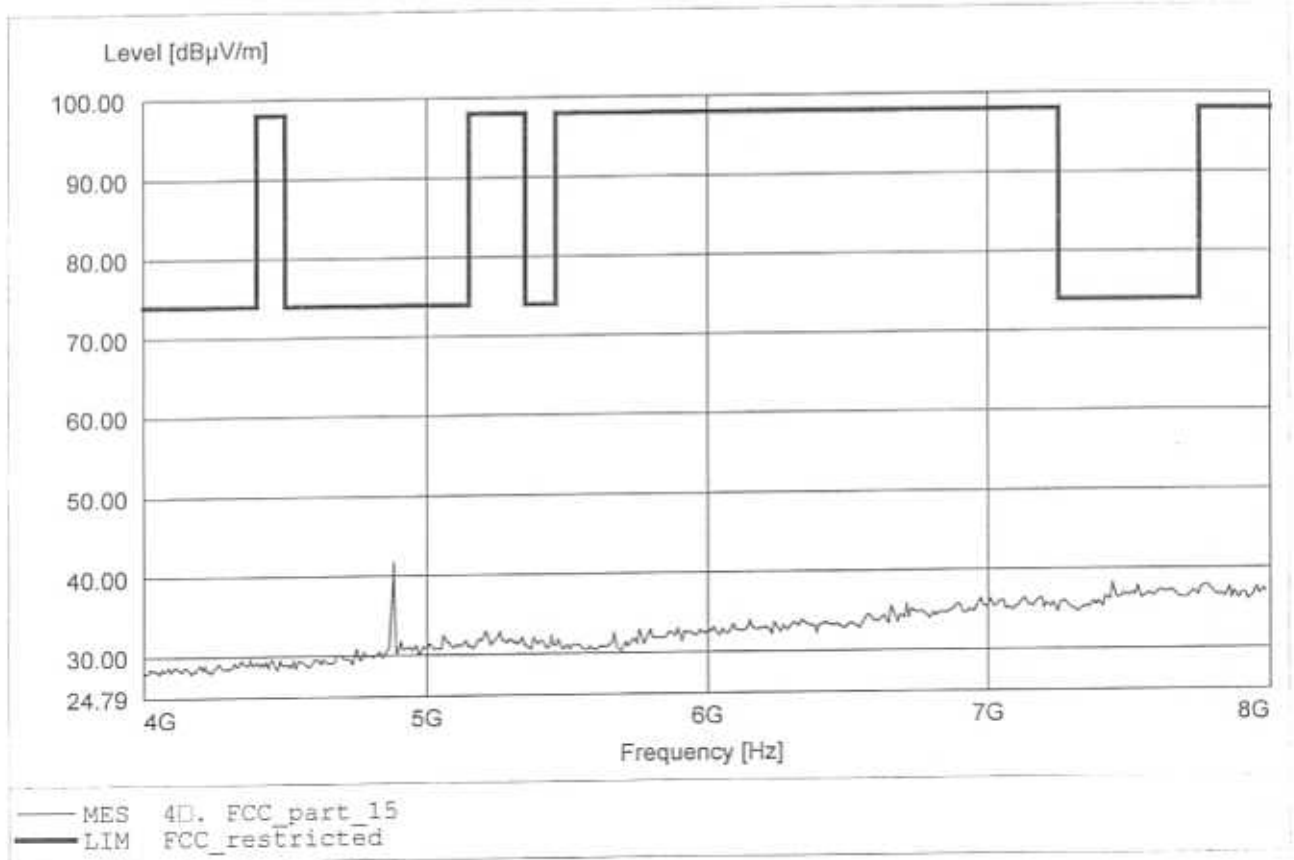
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Fmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 3.765GHz, Emax: 42.78dBuV/m, RBW: 1MHz



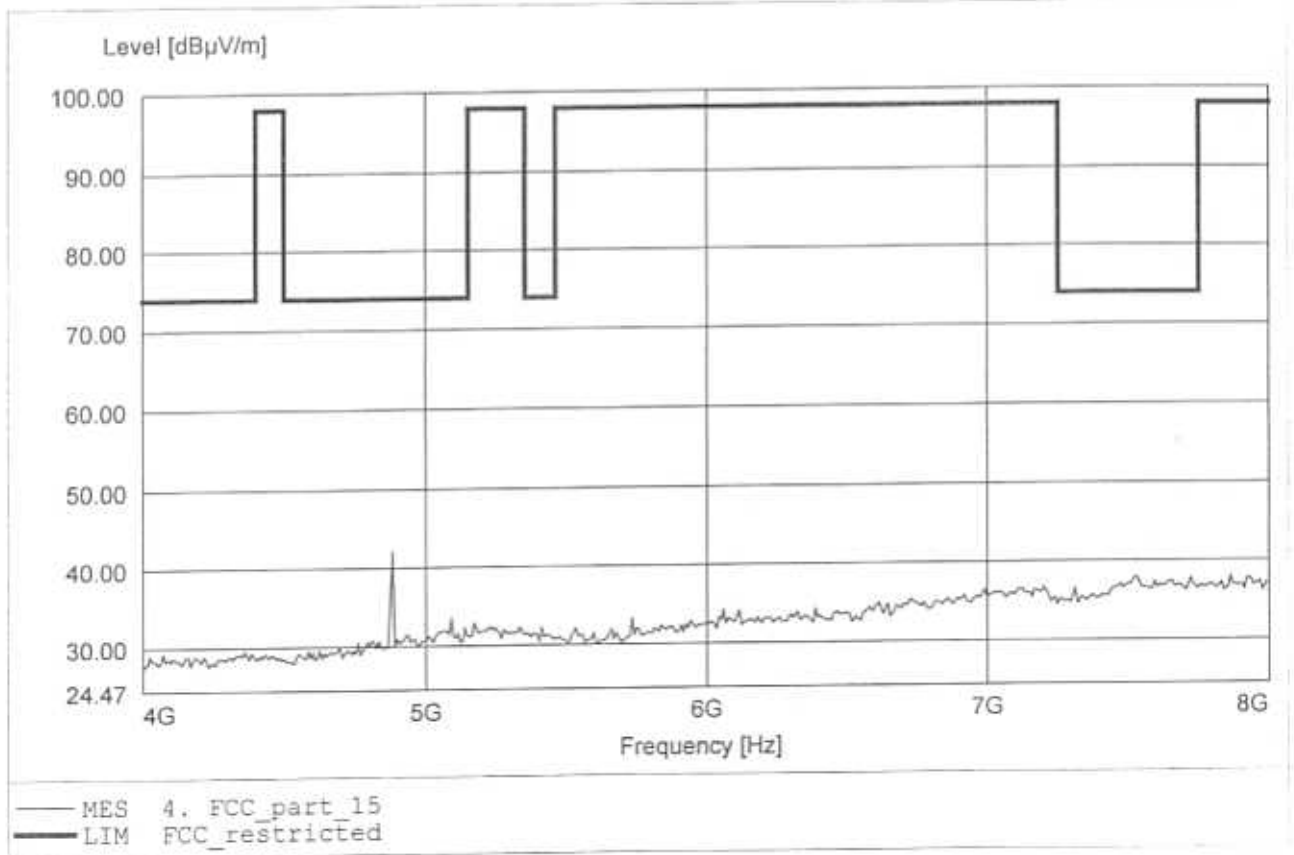
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 41.66dBuV/m, RBW: 1MHz



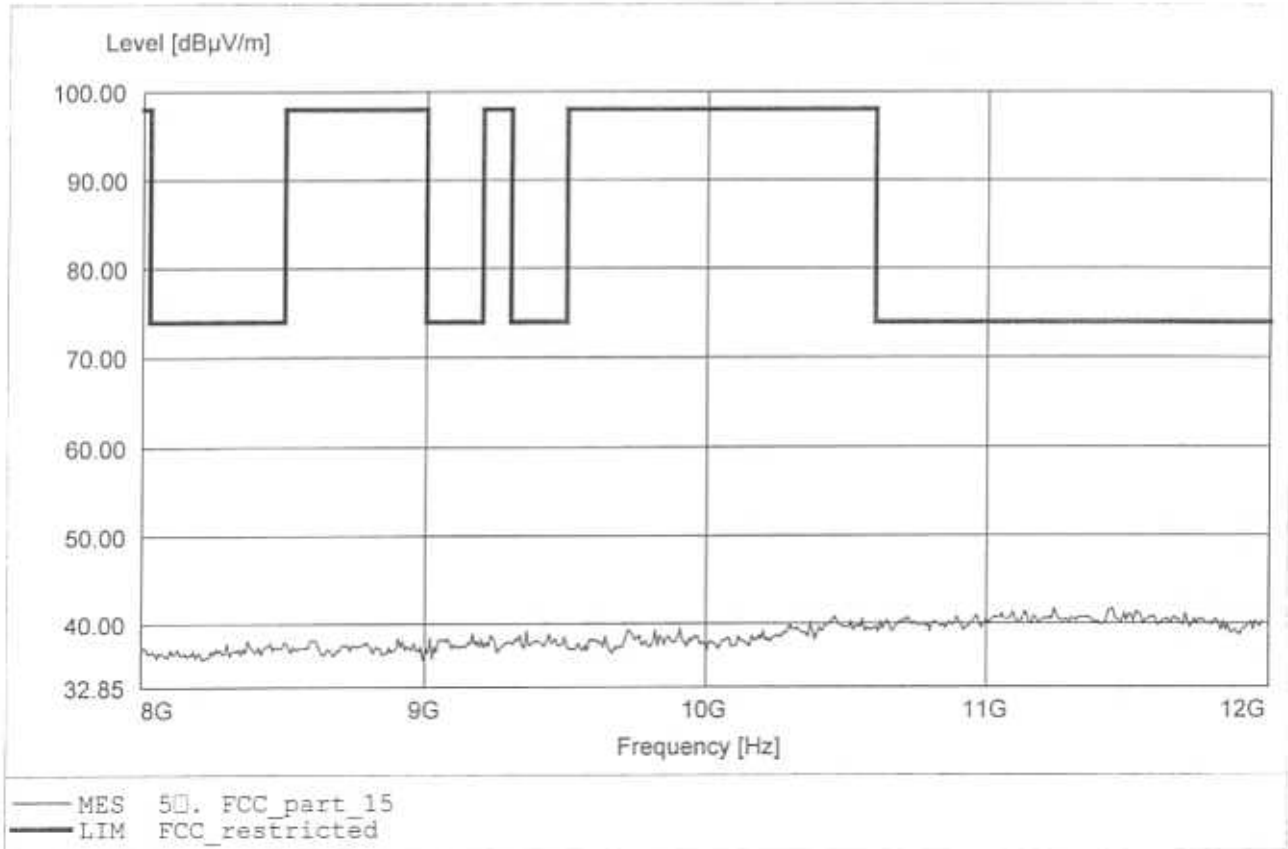
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.882GHz, Emax: 42.19dBµV/m, RBW: 1MHz



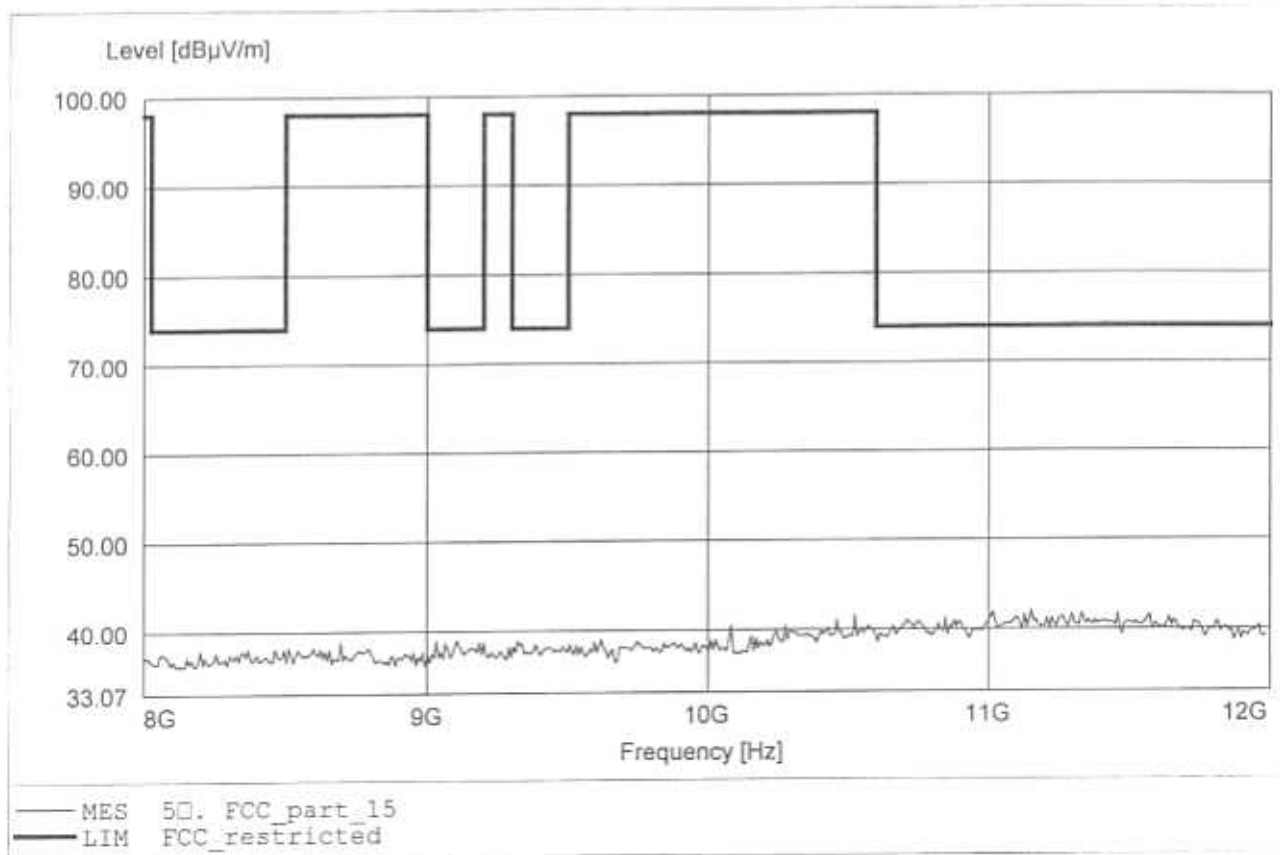
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.238GHz, Emax: 41.77dBµV/m, RBW: 1MHz



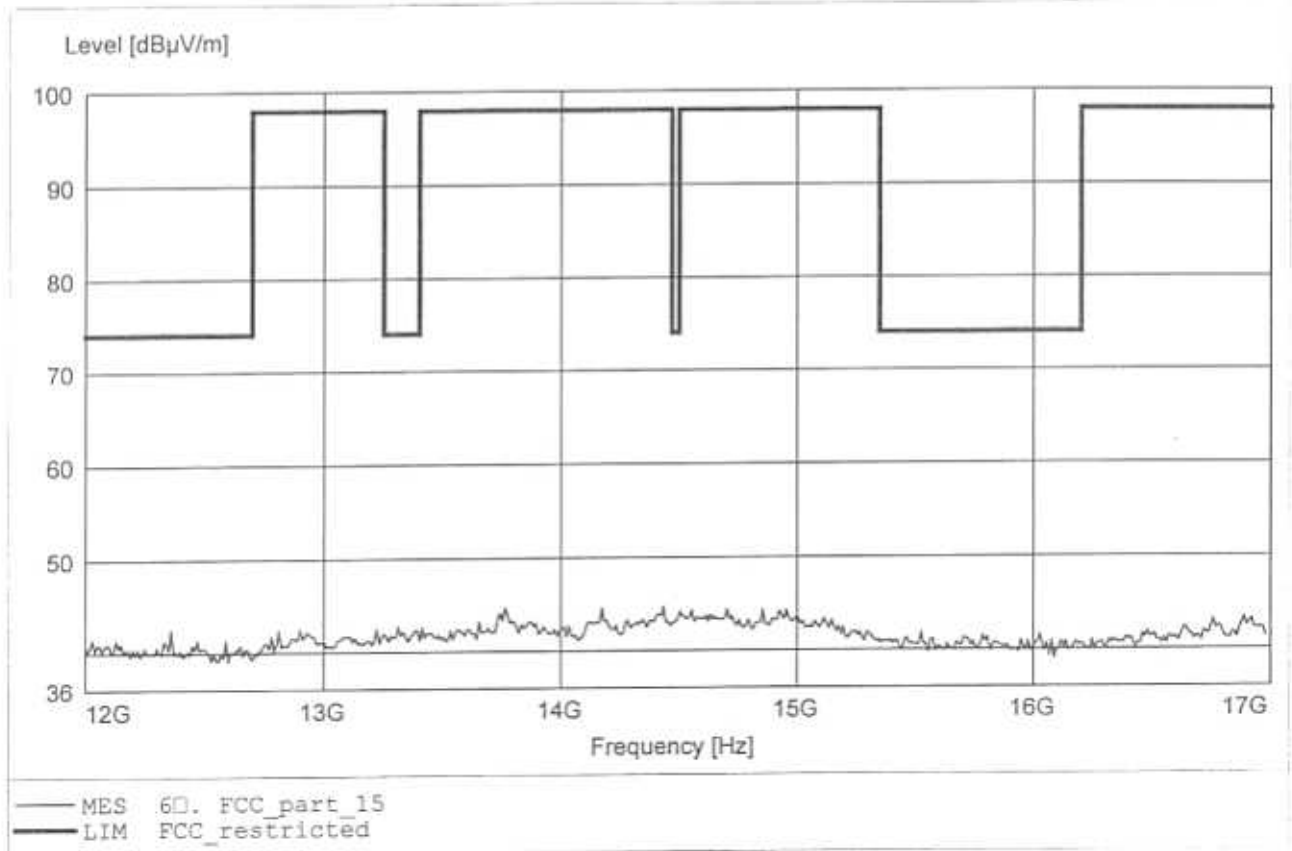
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.150GHz, Emax: 42.04dBµV/m, RBW: 1MHz



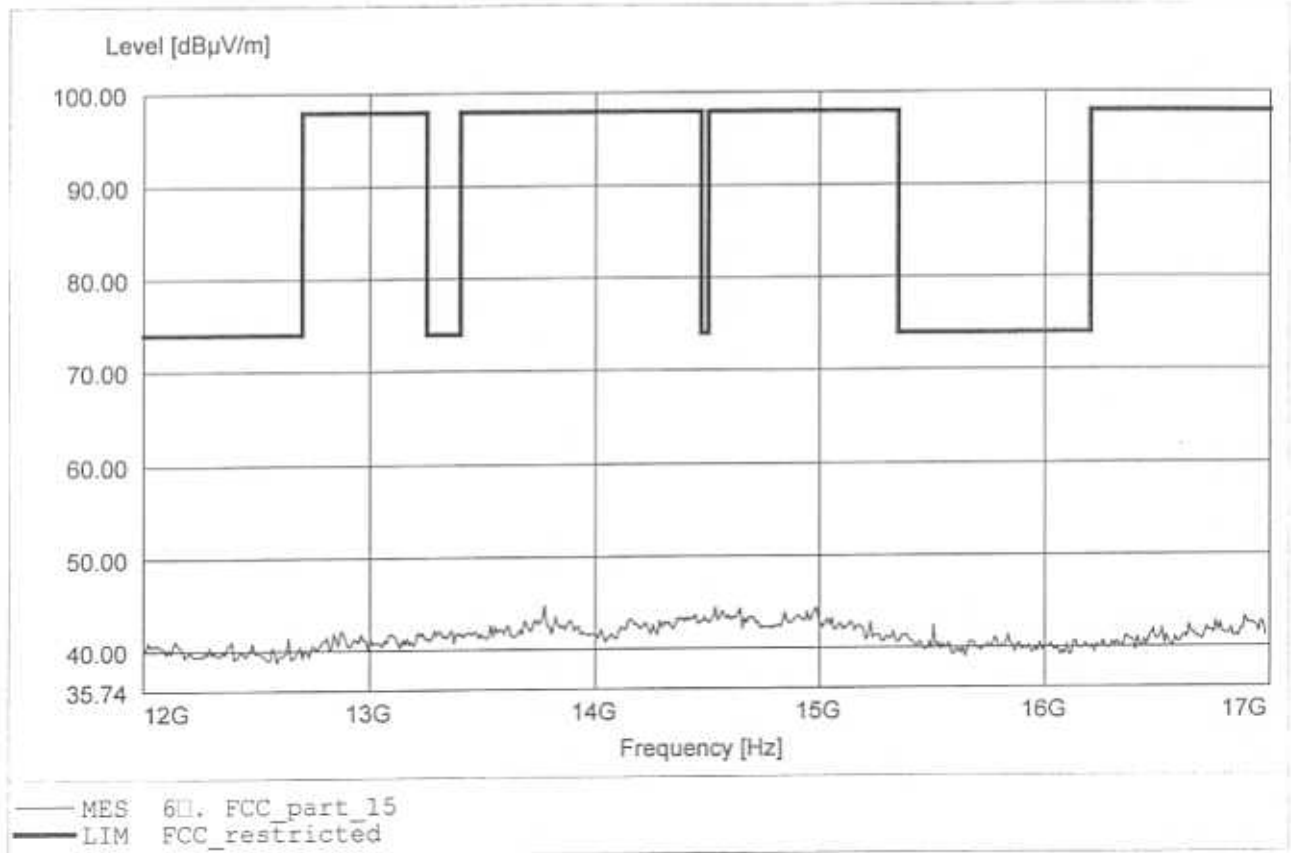
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.435GHz, Emax: 44.79dBµV/m, RBW: 1MHz



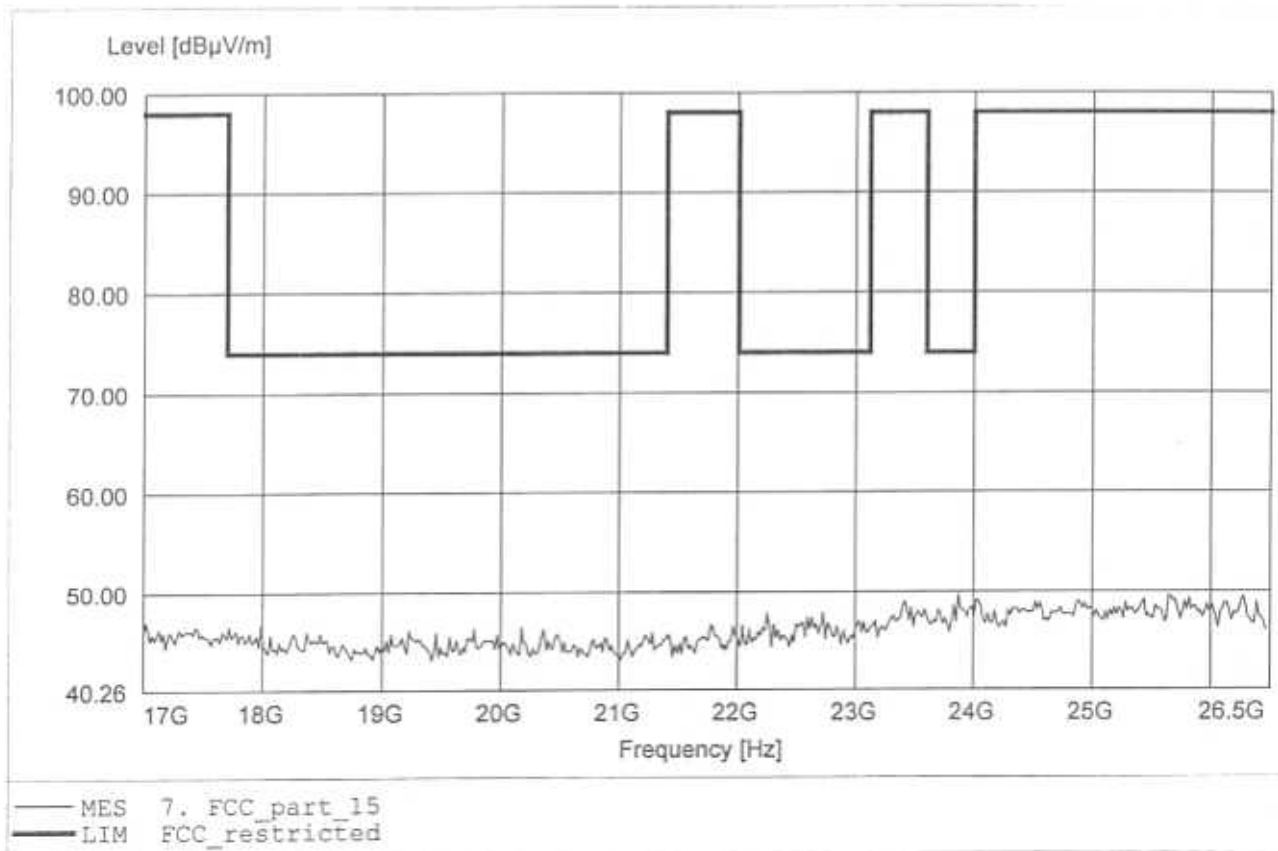
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 13.774GHz, Emax: 44.76dBµV/m, RBW: 1MHz



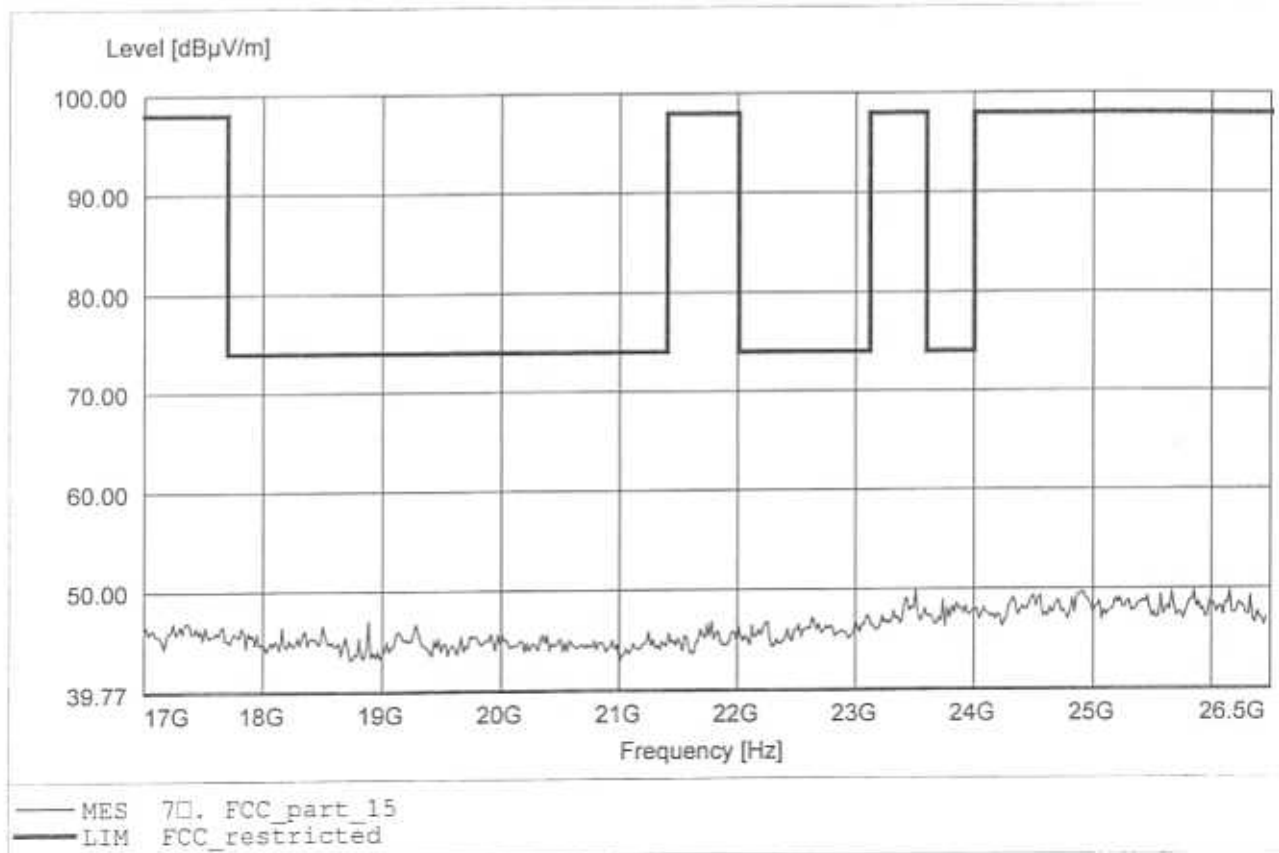
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Fmax / 2441 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.873GHz, Emax: 49.68dBµV/m, RBW: 1MHz



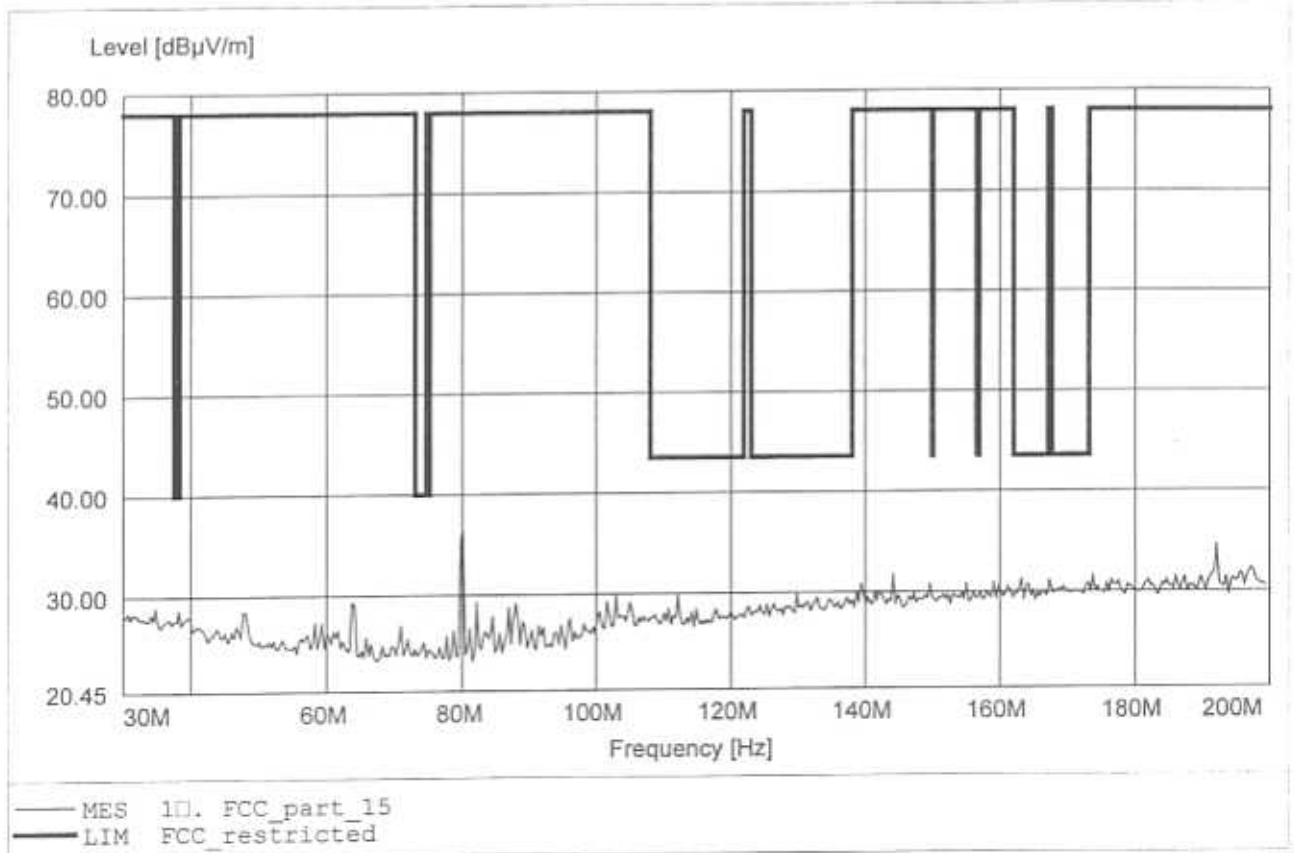
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2441 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.511GHz, Emax: 50.05dBuV/m, RBW: 1MHz



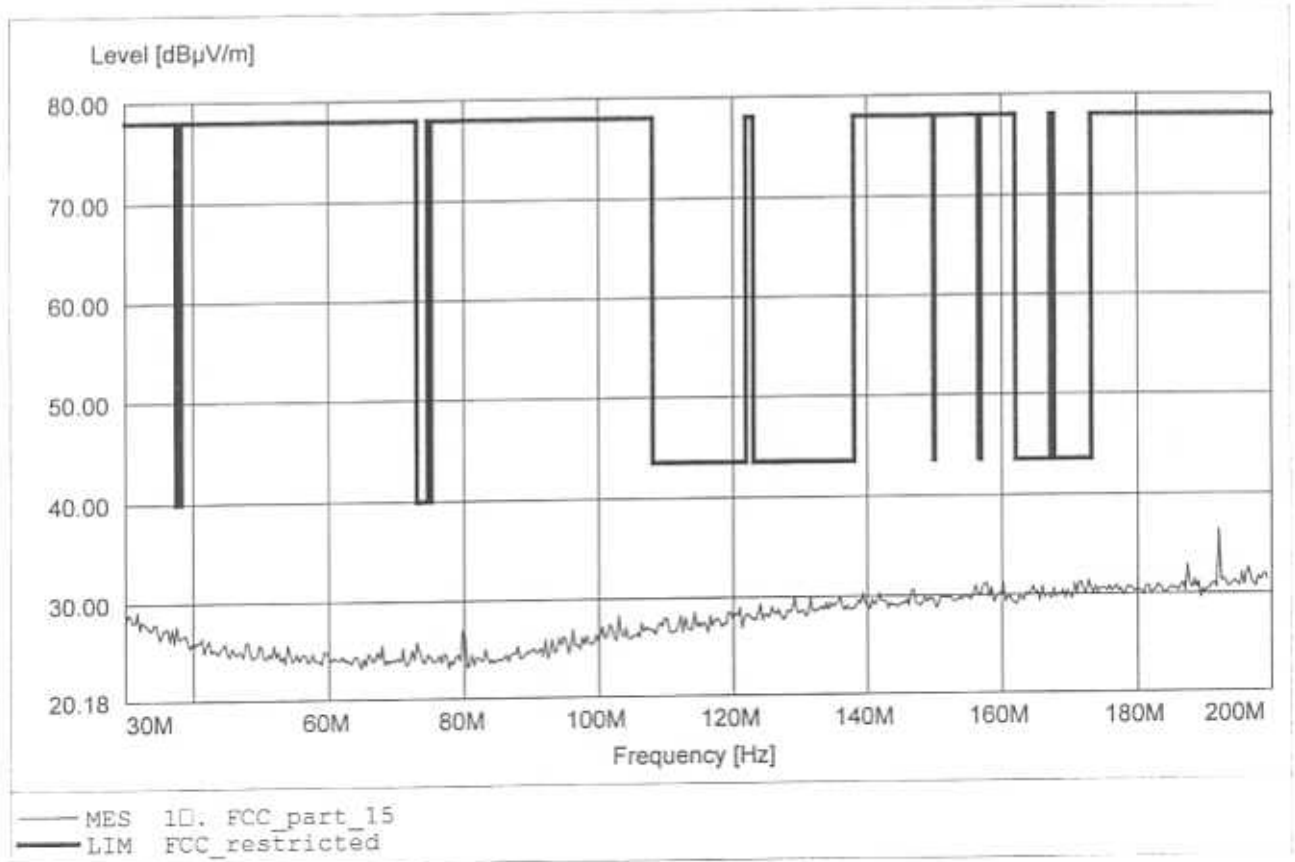
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 80.080MHz, Emax: 36.38dBµV/m, RBW: 100kHz



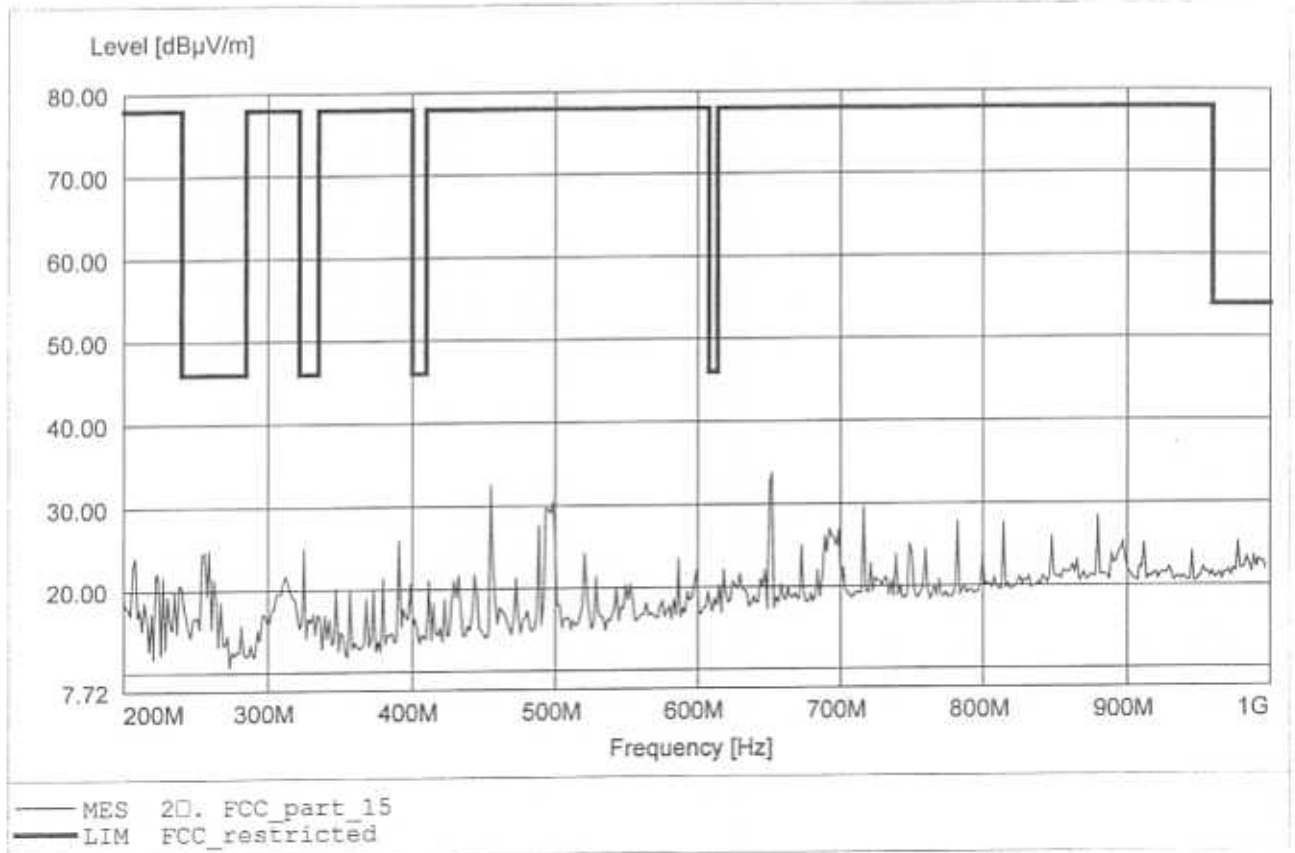
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 192.164MHz, Emax: 36.46dBµV/m, RBW: 100kHz



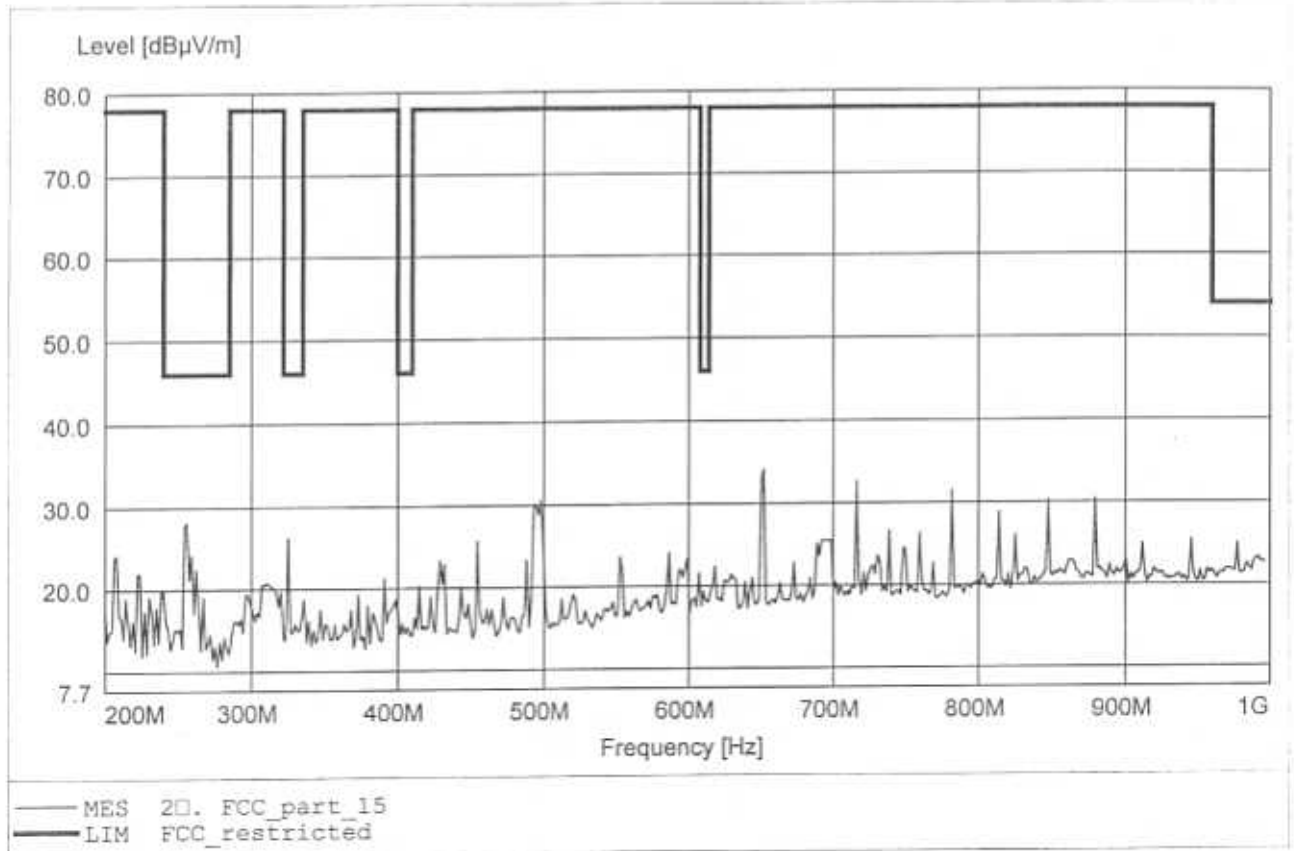
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 652.104MHz, Emax: 33.87dBµV/m, RBW: 100kHz



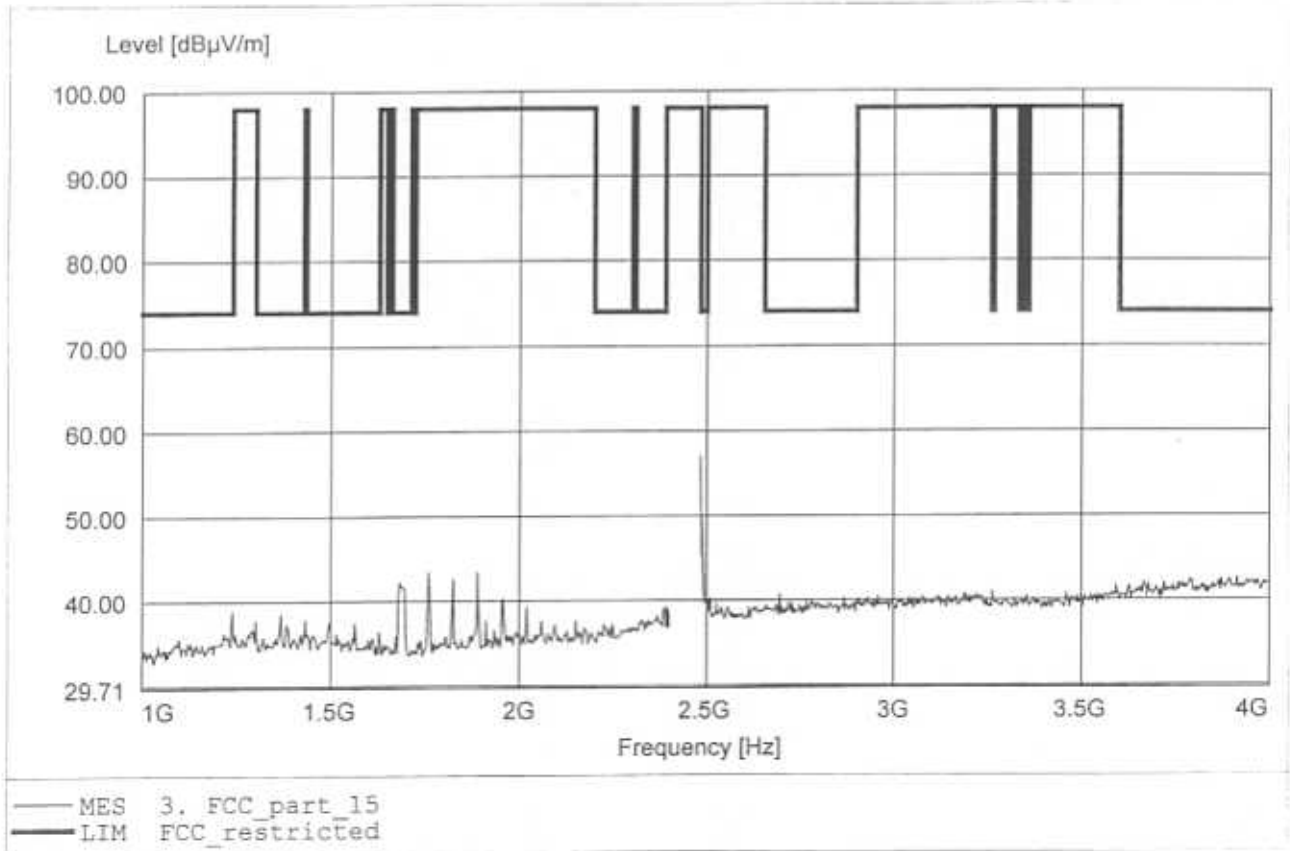
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247
Comment 1: Dist.: 3m, Ant.: HL 223, amplif.
Comment 2: Freq: 652.104MHz, Emax: 34.12dBµV/m, RBW: 100kHz



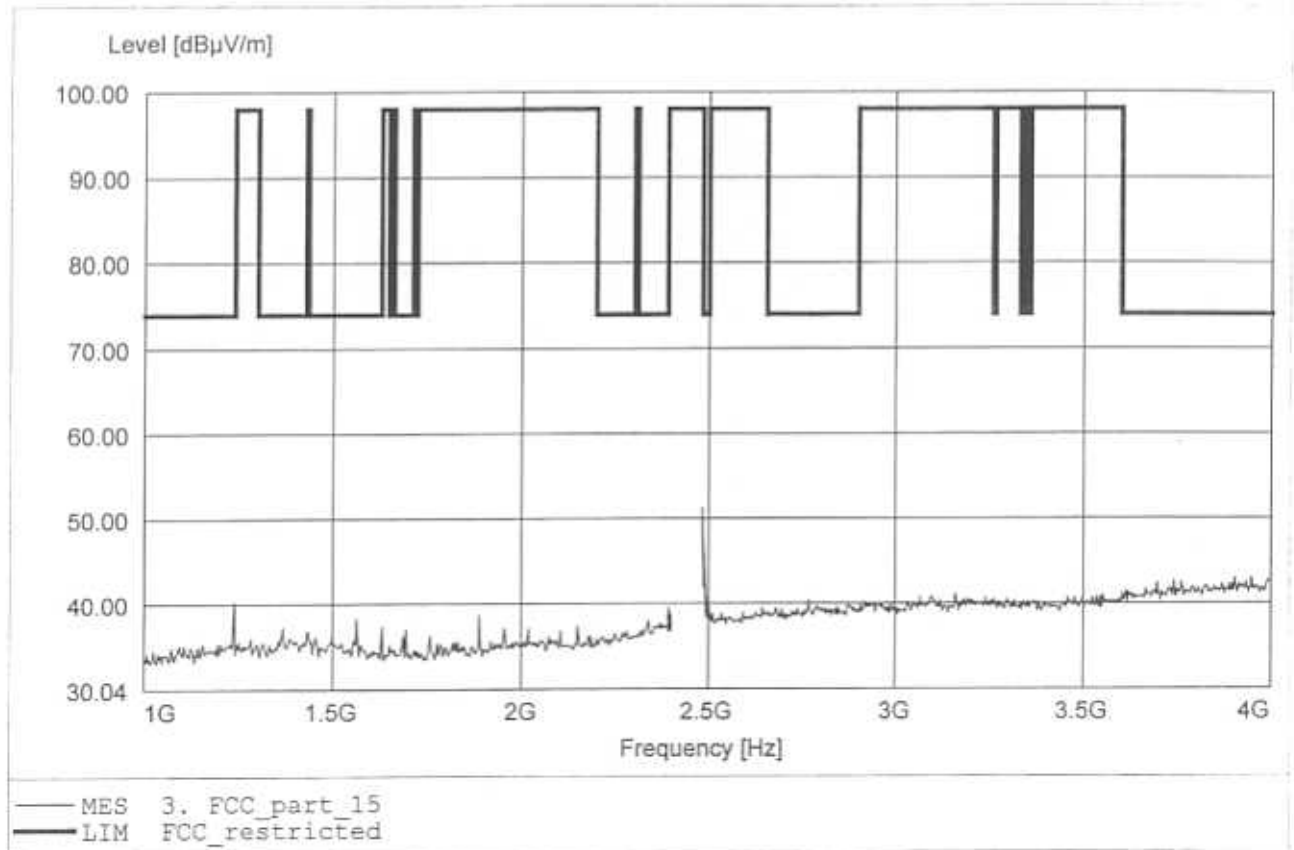
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 57.10dBµV/m, RBW: 1MHz



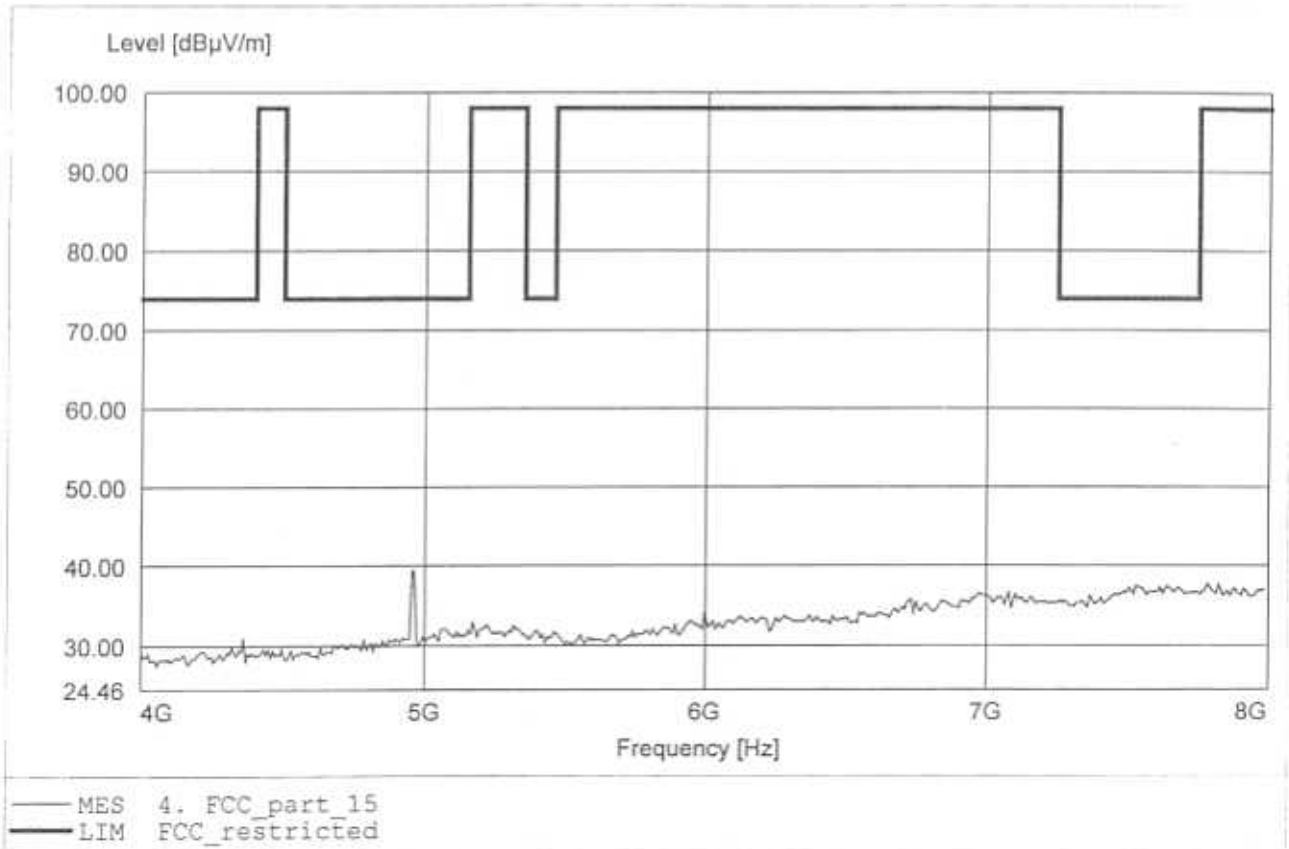
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, amplif.
Comment 2: Freq: 2.484GHz, Emax: 51.35dBuV/m, RBW: 1MHz



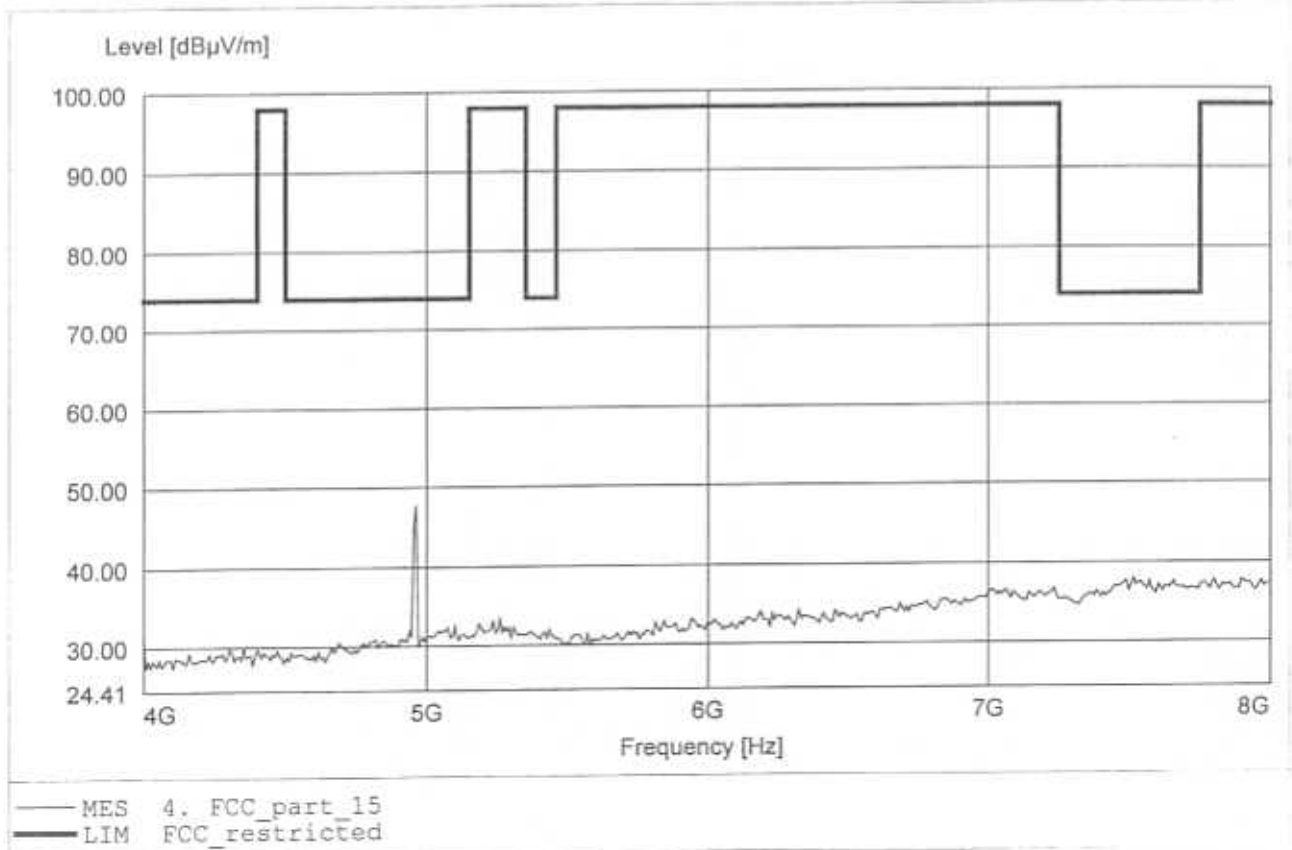
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 39.38dBµV/m, RBW: 1MHz



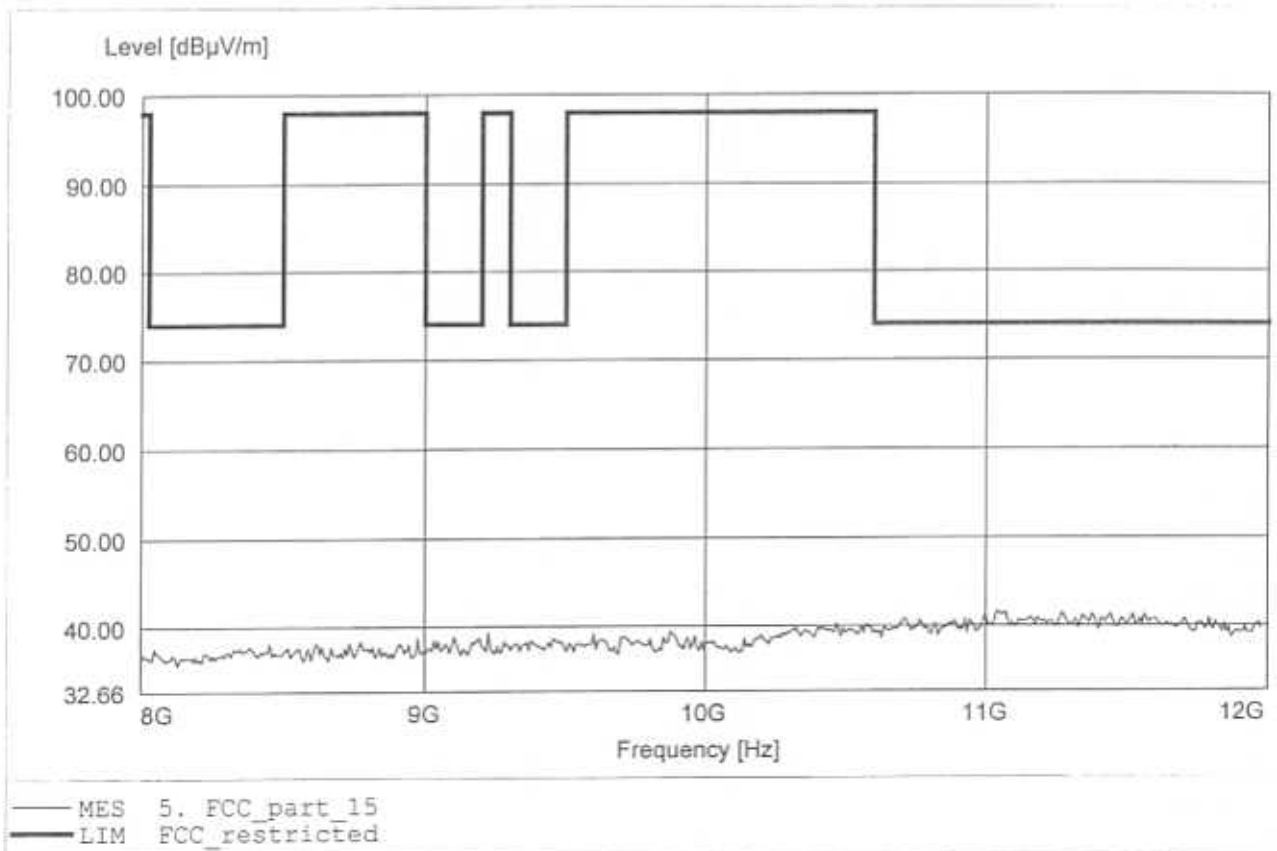
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 4.962GHz, Emax: 47.73dBµV/m, RBW: 1MHz



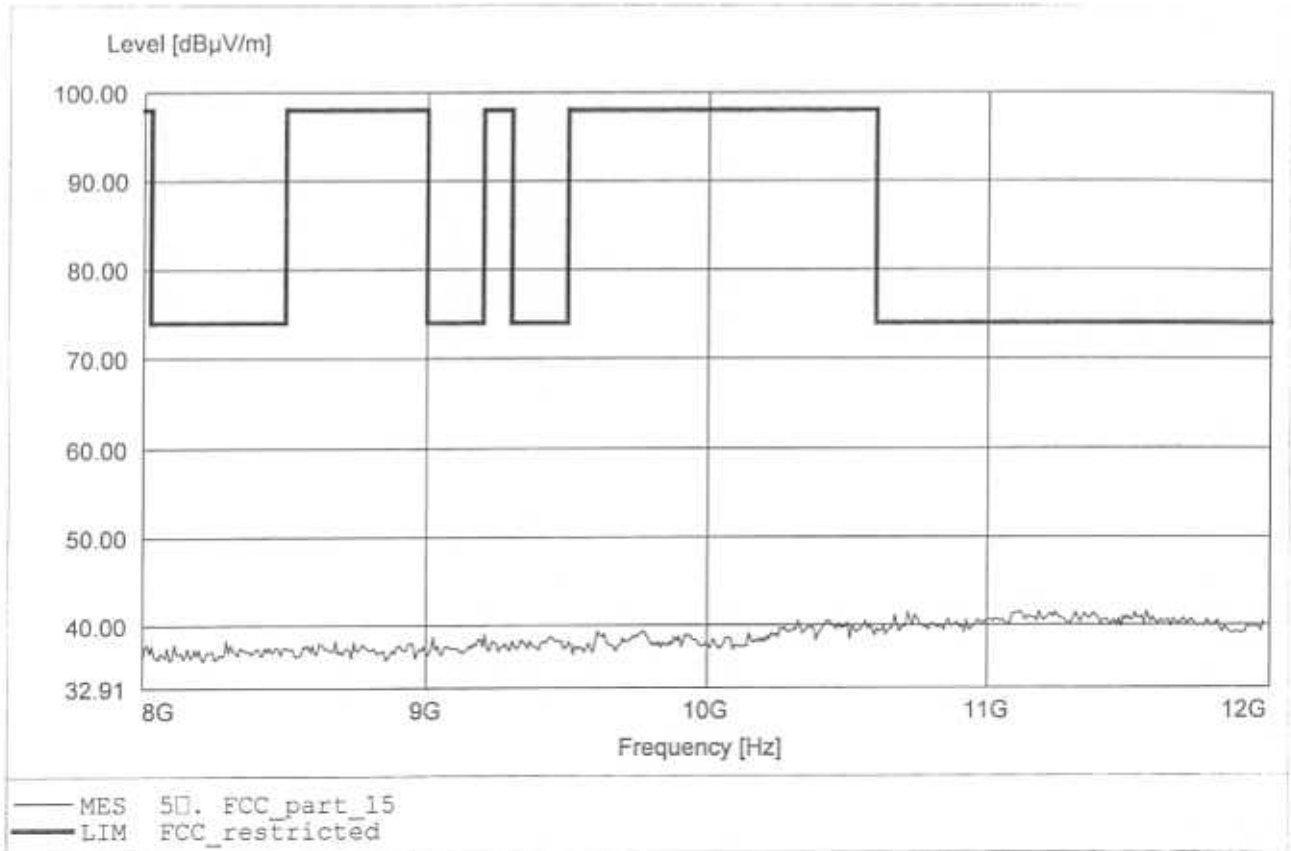
**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.038GHz, Emax: 41.68dBμV/m, RBW: 1MHz



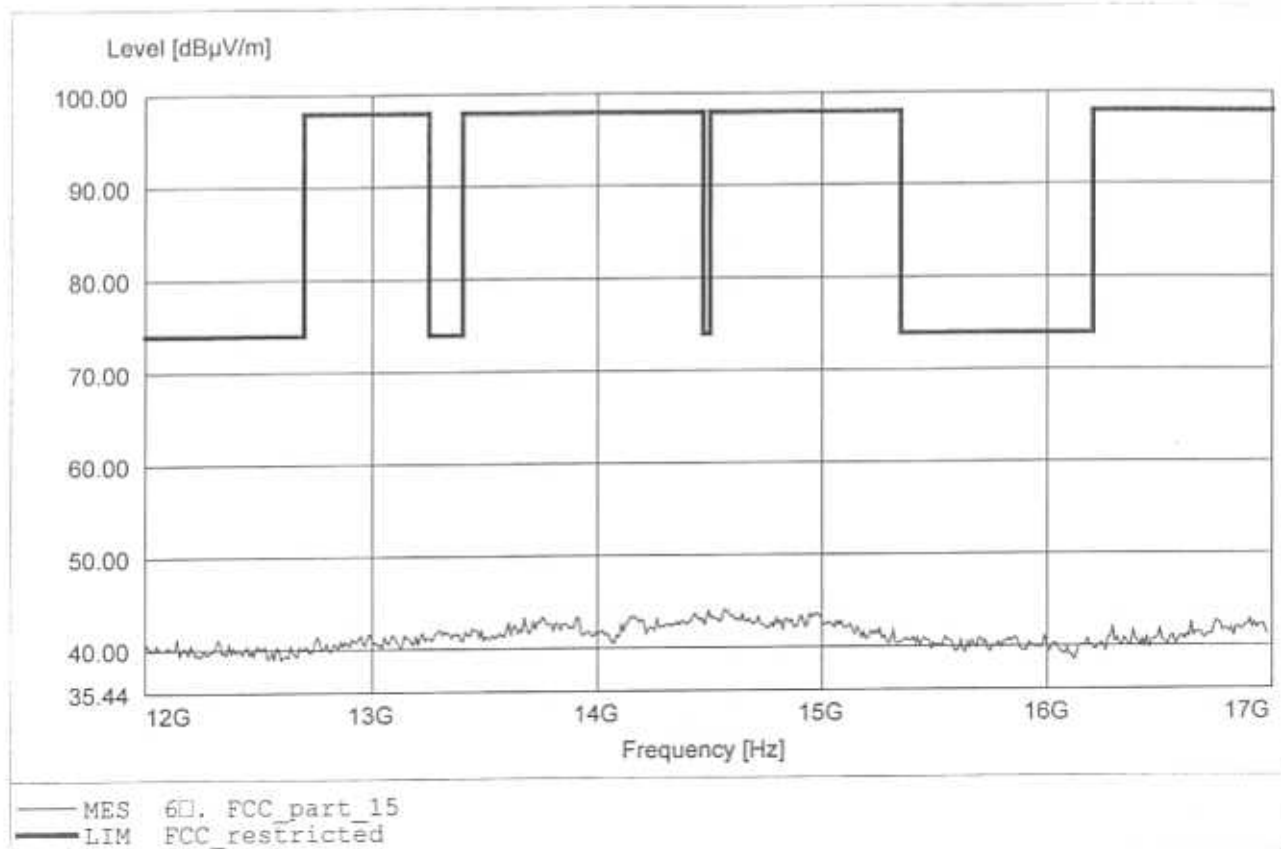
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 11.182GHz, Emax: 41.62dBµV/m, RBW: 1MHz



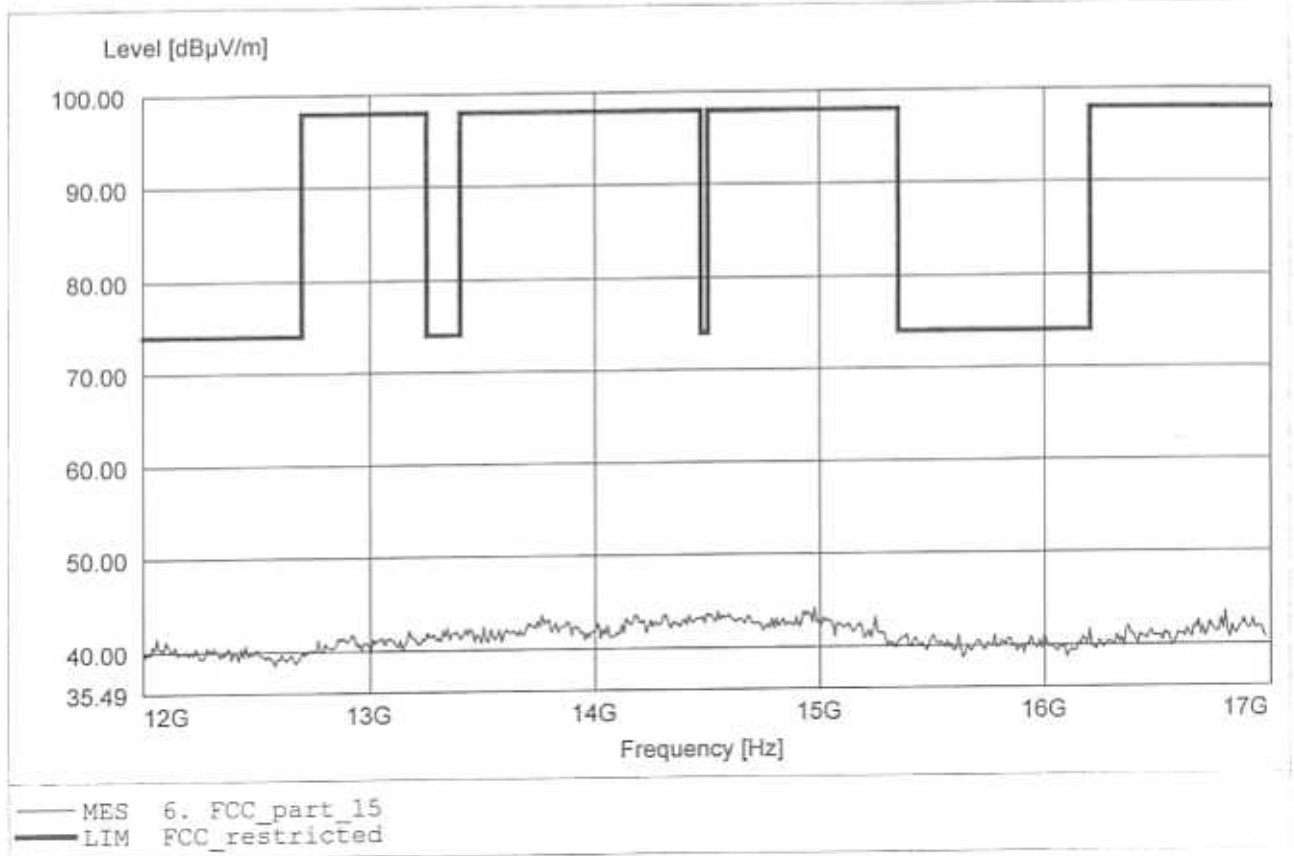
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.565GHz, Emax: 44.07dBµV/m, RBW: 1MHz



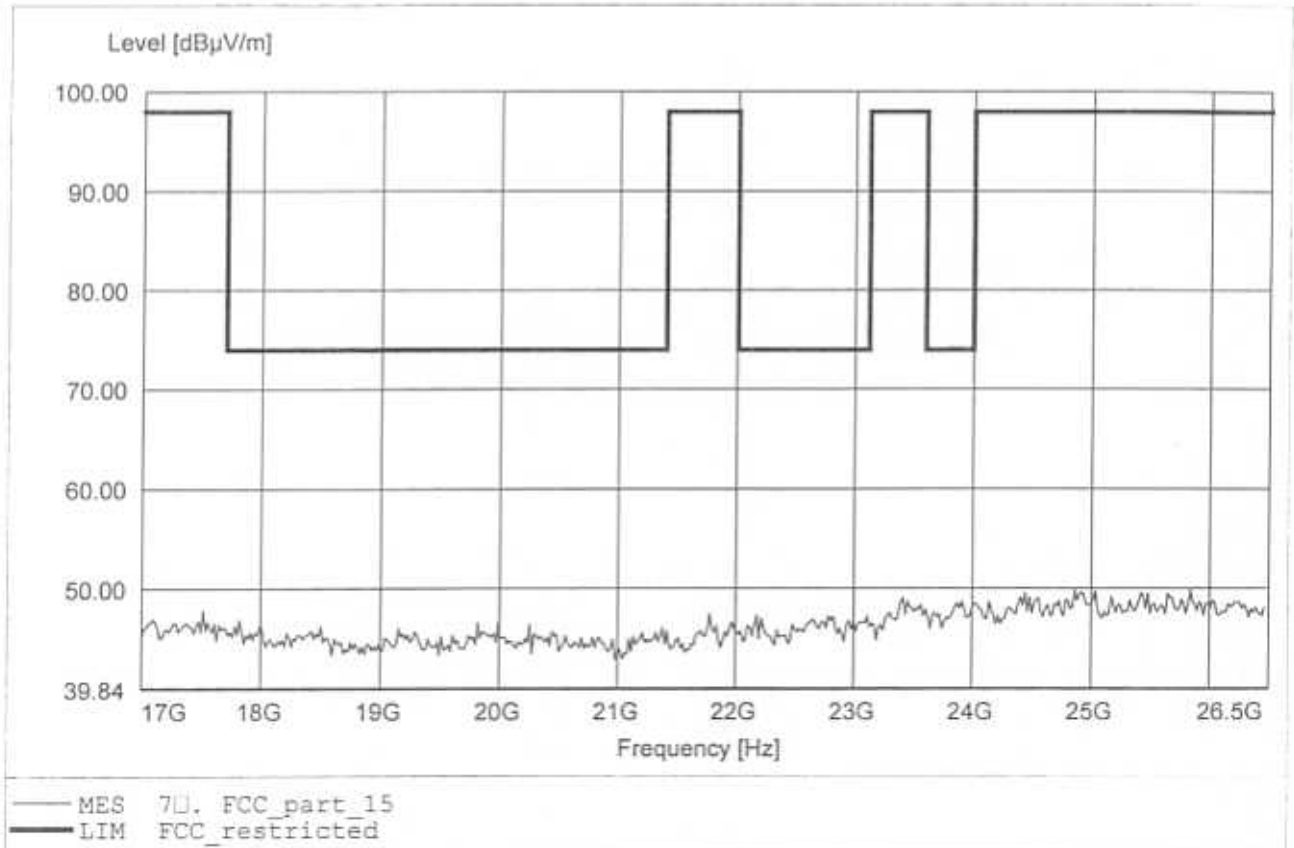
Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to S15247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: BBHA2190D, ampl.+HP.
Comment 2: Freq: 14.976GHz, Emax: 44.27dBµV/m, RBW: 1MHz



Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGPZ2
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.863GHz, Emax: 49.88dBµV/m, RBW: 1MHz



**Spurious emissions Field Strength
FCC RULES PART 15, SUBPART C**

EUT : Bluetooth Module / Ant.: ext. / Pmax / 2480 MHz
Model: UGP22
Approval Holder: Alps Electric Co., Ltd.
Operating Condition: Tnom:23°C / Unom: 3.3 V DC
Test Site / Operator: ETS / Mr. Hoppe
Test Specification: according to §15.247, Limit 20 dB up peak detector
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 25.834GHz, Emax: 50.49dBμV/m, RBW: 1MHz

