

BAND EDGE COMPLIANCE

Standard: FCC part 15.247

Test procedure: Public Notice DA 00-705, Delta Marker method.

Test equipment used:

TYPE	MANUFACTURER	EMITECH NUMBER
Spectrum analyzer FSP 40	Rohde & Schwarz	4088
Antenna RGA-60	Electrometrics	1204
Variac R213	Dereix	1419

Measured condition:

Requirements: Emissions that fall in the restricted bands (part 15.205). These emissions must be less than or equal to 500 $\mu\text{V/m}$ (54 $\text{dB}\mu\text{V/m}$). Part 15.35b applies in the restricted bands.

Test procedure: An in band field strength measurement of the fundamental Emission using the RBw and detector function required by C63.4-2003 and FCC Rules.

Test operating condition of the equipment:

The equipment is locked in frequency hopping mode

Results:

Lower Band Edge: from 2310 MHz to 2390 MHz (curve n°1)

Upper Band Edge: from 2483.5 MHz to 2500 MHz (curve n°2)

Sample n° 1:

Fundamental Frequency (MHz)	Field Strength Level of fundamental ($\text{dB}\mu\text{V/m}$)	Peak Or Average	Frequency of maximum Band-edges Emission (MHz)	Delta Marker (dB)*	Calculated Max Out of Band Emission Level ($\text{dB}\mu\text{V/m}$)**	Limit ($\text{dB}\mu\text{V/m}$)	Margin (dB)
2402	96.41	Peak	2389.2	47.22	49.19 ⁽¹⁾	74	24.81
2480	96	Peak	2485.96	47.47	48.53 ⁽¹⁾	74	25.47

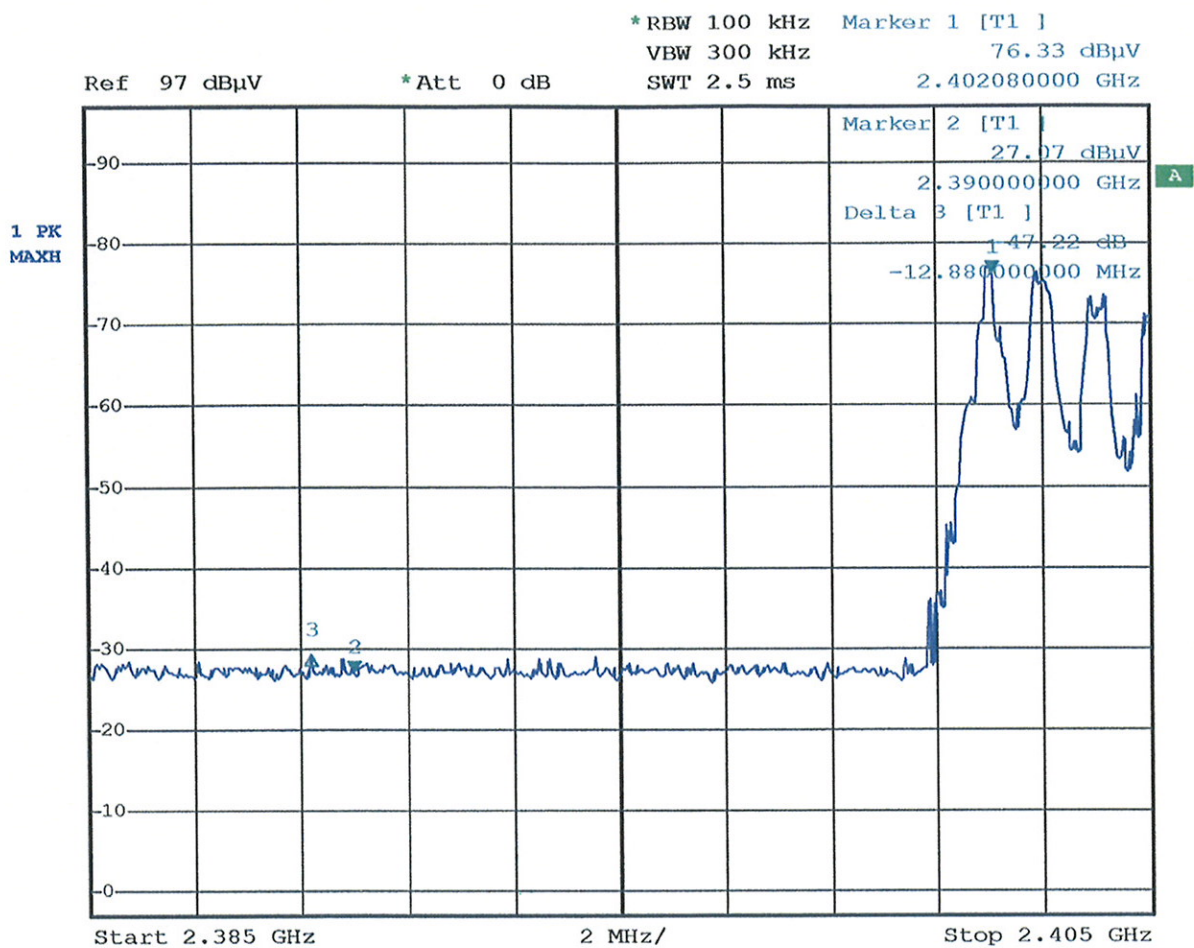
* According to step 2 of Marker-Delta Method DA 00-705

** According to step 3 of Marker-Delta Method:

Calculated Emission Level = Field Strength Level – Delta Marker Level

(1) The level is below the average limit (54 $\text{dB}\mu\text{V/m}$)

Test conclusion: RESPECTED PUBLIC NOTICE

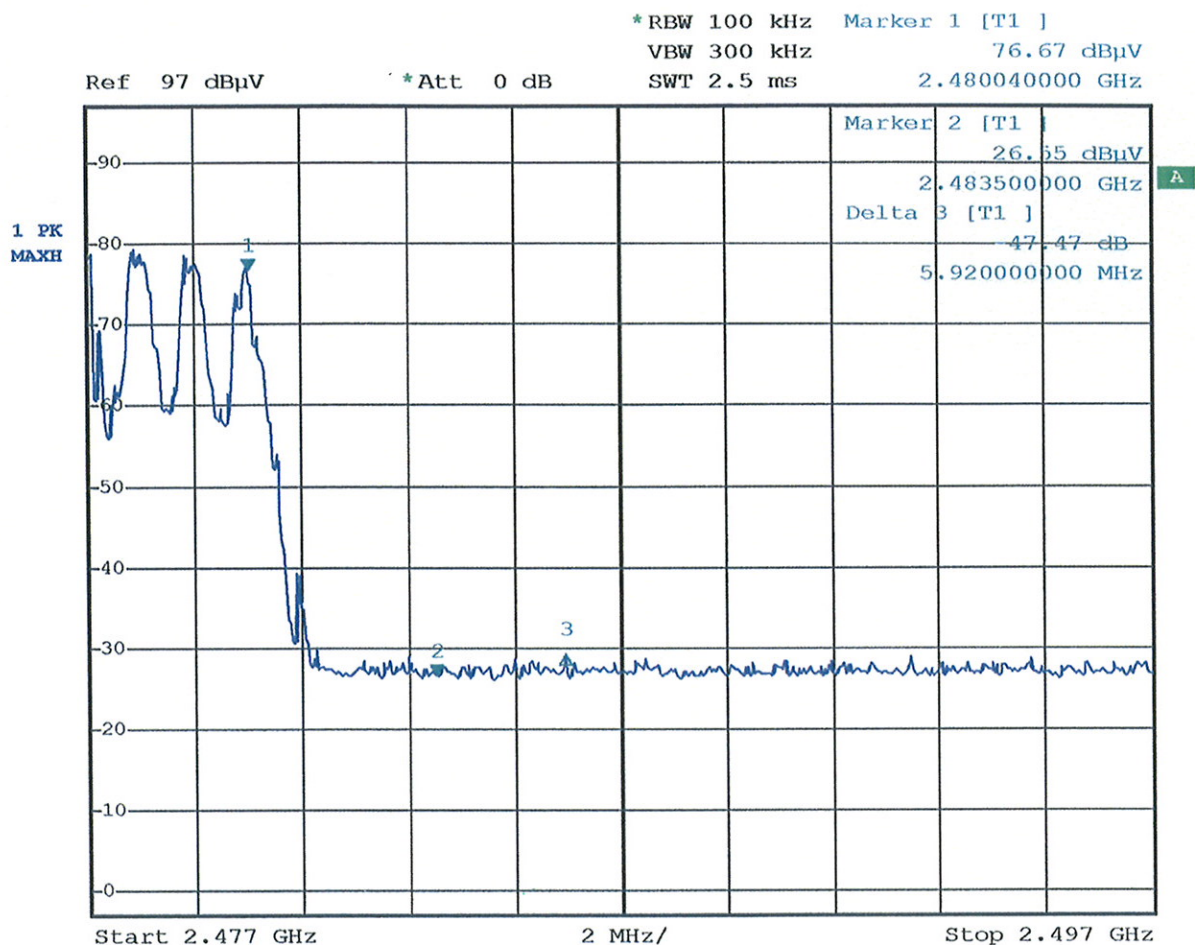


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Band edge compliance

Curve n°1



Date: 3.OCT.2006 16:31:18

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Band edge compliance

Curve n° 2