

Electronic voting systeme HM Campus (base)

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 FSEA	Rohde & Schwarz	5071
Antenna RGA-60	Electrometrics	1204

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:

Upper Band Edge:

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)
2401	92.09	Peak	2346.8	-50.09	42 (1)	73.98	31.98
2482	93.66	Peak	2483.55	-37.52	56.14	73.98	17.84
2482	59.61	Average	2483.55	-31.64	27.97	53.98	26.01

* 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

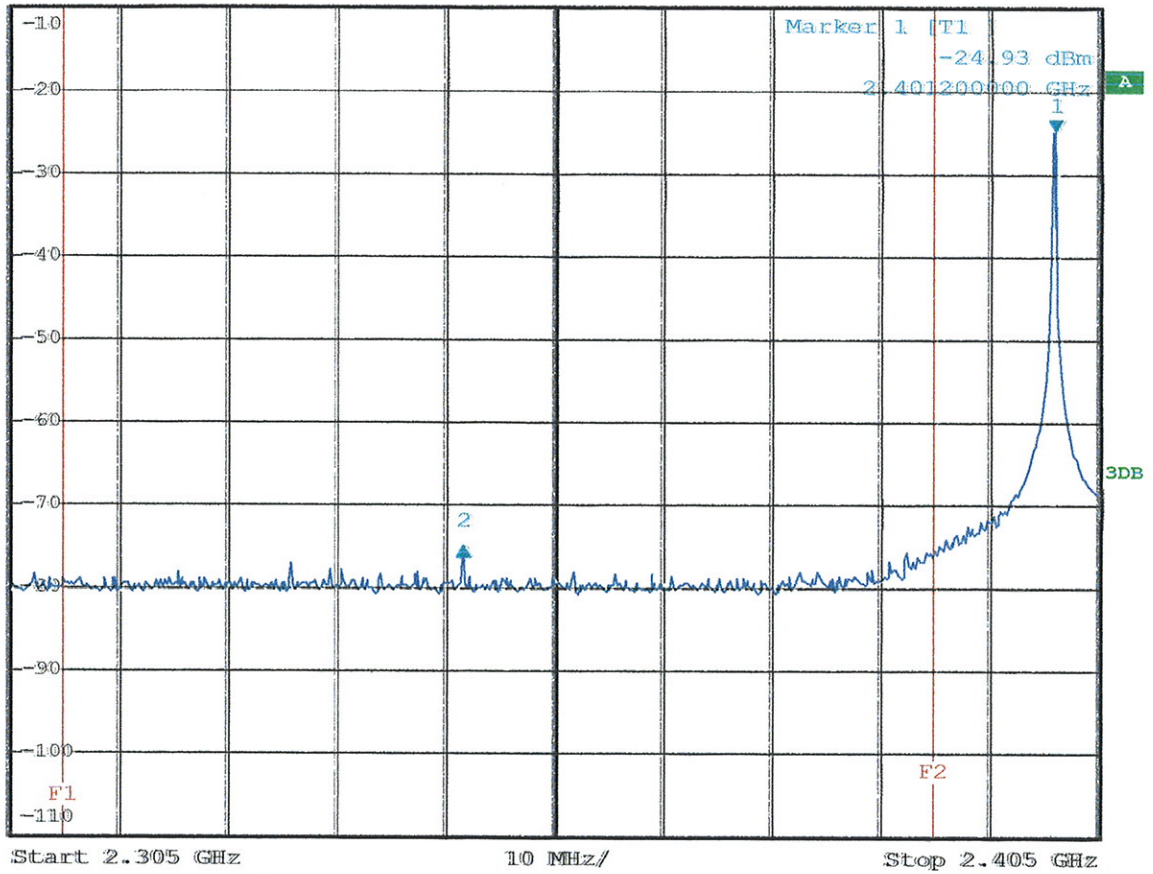


* RBW 100 kHz Delta 2 [T1]
VBW 300 kHz -50.09 dB
SWT 10 ms -54.40000000 MHz

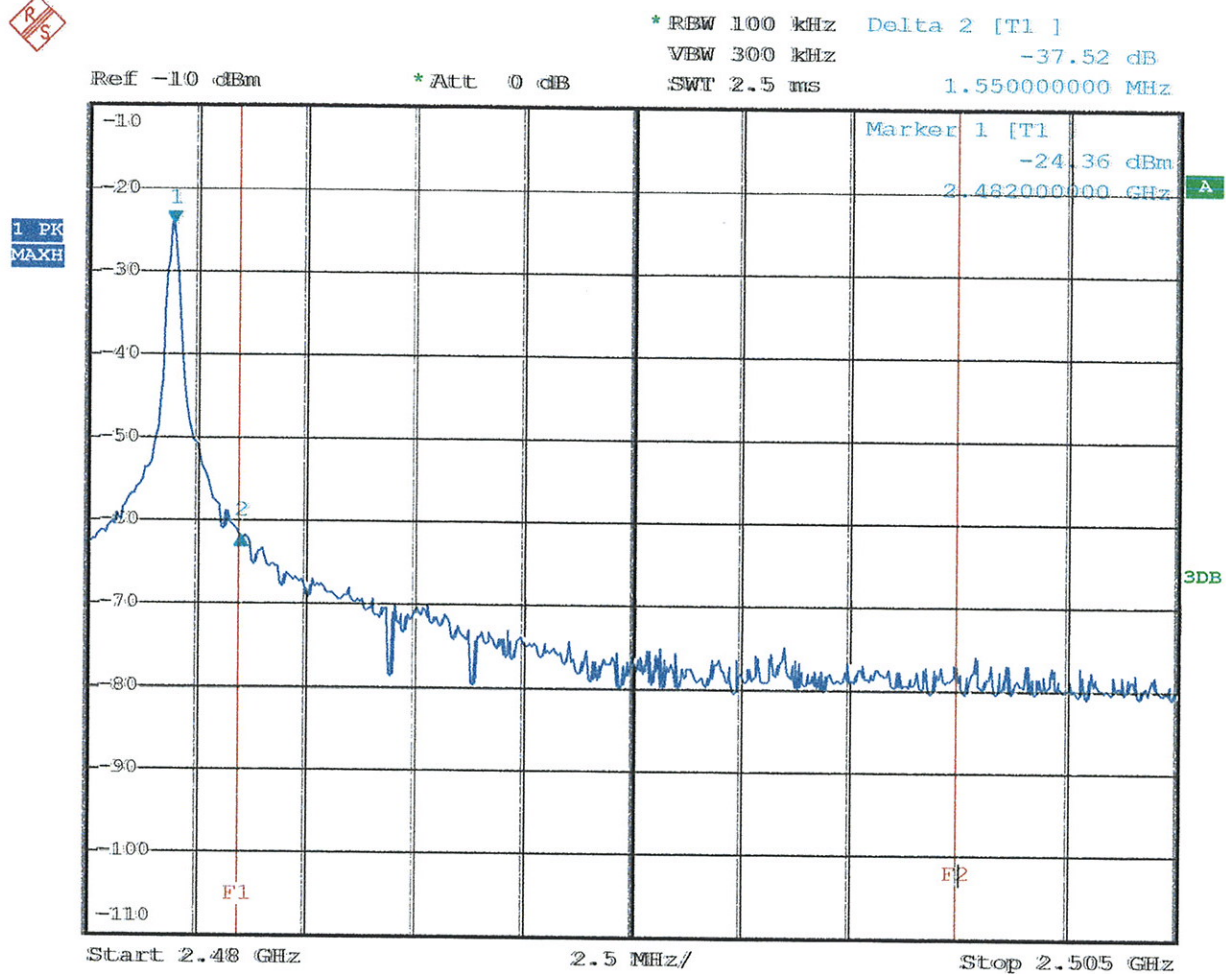
Ref -10 dBm

* Att 0 dB

1 PK
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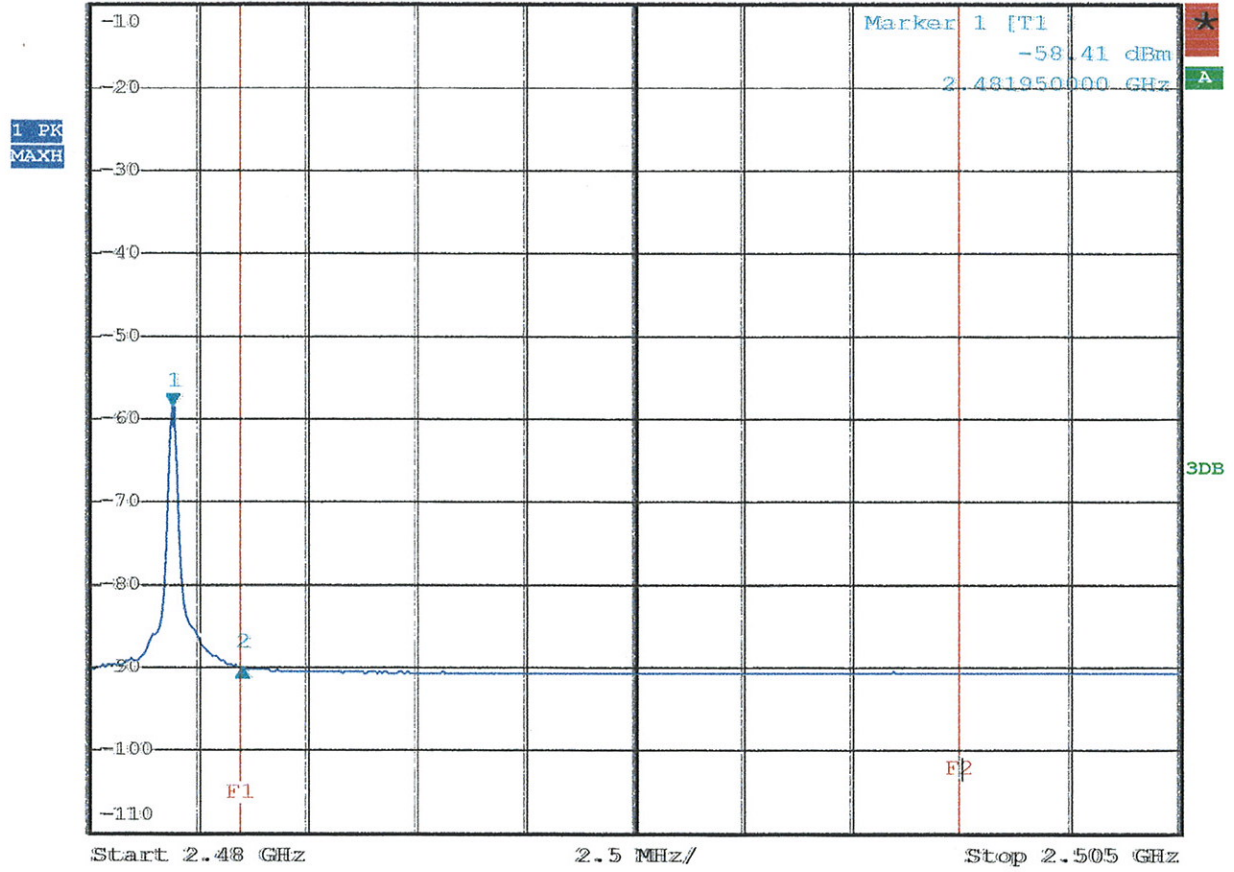
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Ref -10 dBm *Att 0 dB *RBW 100 kHz Delta 2 [T1]
SWT 50 s *VBW 10 Hz -31.64 dB
1.600000000 MHz



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