

Annex 1: Measurement diagrams to
TEST REPORT
 No.: 18-1-0102601T03a

According to:
FCC Regulations
 Part 15.107, Part 15.109

ISED-Regulations
 RSS-Gen, Issue 4
 ICES-003, Issue 6

for

Leica Camera AG

Digital Camera
 Type No. 6847

FCC-ID: N5A6847
 ISED: 11245A-6847







Laboratory Accreditation and Listings		
 <p>Accredited EMC-Test Laboratory</p>	 <p>Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3</p>	 <p>Voluntary Controls for Electromagnetic Emissions Reg. No.: R-4452, C-20009, T-20006, G-20013</p>
	 <p>Lab Code: 20011130-00</p>	
accredited according to DIN EN ISO/IEC 17025		
<p align="center">CETECOM GmbH Laboratory Radio Communications & Electromagnetic Compatibility Im Teelbruch 116 • 45219 Essen • Germany Registered in Essen, Germany, Reg. No.: HRB Essen 8984 Tel.: + 49 (0) 20 54 / 95 19-954 • Fax: + 49 (0) 20 54 / 95 19-964 E-mail: info@cetecom.com • Internet: www.cetecom.com</p>		

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1. Measurement diagrams

1.1. Conducted emissions on AC-mains (120V/60Hz)

1.1.1. Part 15B: Video-Mode

Diagram No. 1.01

Common Information

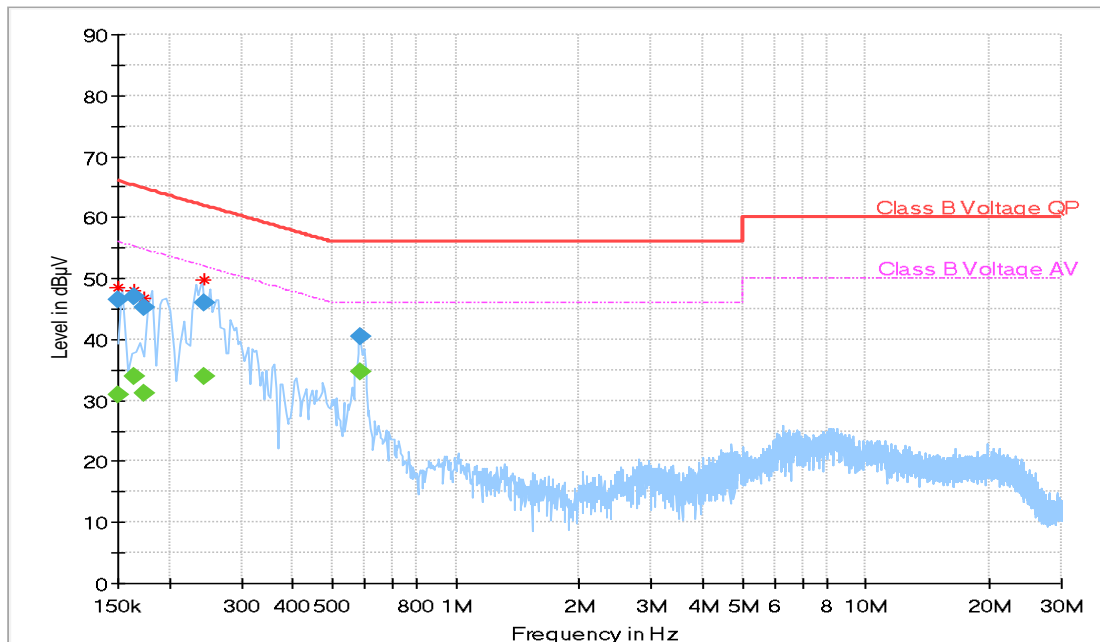
Test Description:	Conducted Voltage Measurement Class B
Test Site & Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Specification:	FCC 15.107 /RSS-Gen, Issue 4
Operating Mode:	Video mode
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 42%rH; Temperature: 22°C
Operator:	Mar

EUT Information

Manufacturer:	Leica Camera AG
Model:	Digital Camera
Type:	6847

SW:	0.18.10.2
HW:	Prototype
Ser-No:	P-016
Power Supply:	120VAC/60Hz

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)
0.150000	---	30.96	56.00
0.150000	46.40	---	66.00
0.163750	47.04	---	65.27
0.163750	---	33.86	55.27
0.174375	45.28	---	64.75
0.174375	---	31.24	54.75
0.242344	46.09	---	62.02
0.242344	---	34.05	52.02
0.586094	40.39	---	56.00
0.586094	---	34.74	46.00

1.2. Radiated emissions in the frequency range 30 to 1000MHz

1.2.1. Part 15B: Video Mode

Diagram No. 3.01

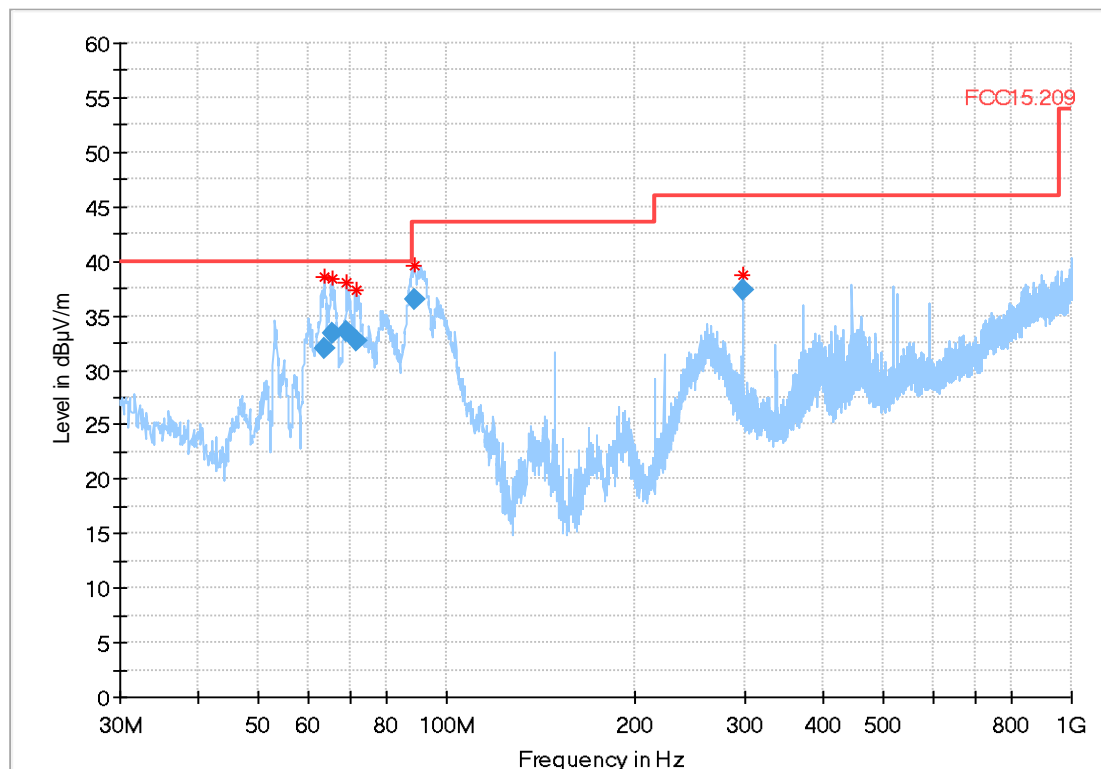
Test description:	24.01.2018 Page 1 of 1
Test site and distance:	Electric Field Strength Measurement
Version of Testsoftware:	Ref.-Nr. 441 Semi Anechoic Room (SAR) with 3 m measurement distance
Distance correction:	EMC32 V9.25.0
Used filter:	not used
Test specification.:	not used
Operator:	FCC 15.109 Class B/ RSS-Gen., Issue 4
Operating conditions:	MBe
Power during tests:	Video mode
	120V/60Hz

EUT Information

Manufacturer:	Leica Camera AG
Model:	Digital Camera
Type:	6847

SW:	0.18.10.2
HW:	Prototype
Ser-No:	P-016
Power Supply:	120VAC/60Hz

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
63.66000	32.07	40.00	1000.0	120.000	133.0	V	286.0	7.7
65.53000	33.39	40.00	1000.0	120.000	218.0	V	304.0	7.1
69.18000	33.53	40.00	1000.0	120.000	128.0	V	339.0	6.6
71.64000	32.63	40.00	1000.0	120.000	136.0	V	295.0	6.6
88.51000	36.41	43.50	1000.0	120.000	105.0	V	116.0	8.1
297.0100	37.36	46.00	1000.0	120.000	113.0	H	136.0	15.0