

Annex 1:

Measurement diagrams 24-1-0050701T009_TR1-A201-R02

Number of pages:	6	Date of Report:	2025-Oct-29
Testing company:	cetecom advanced GmbH Untertuerkheimer Str. 6-10 66117 Saarbruecken GERMANY	Applicant:	Big Dutchman International GmbH
Product:	Weighing equipment for poultry		
Model:	EasyCheck		
FCC ID:	2BL6C-60-45-0602	IC:	33224-60450602
		PMN	EasyCheck
		HVIN	EasyCheck
		FVIN	1.15
		HMN	N/A
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A Subpart C: § 15.247 Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz ISED-Regulations Radio Standards Specification RSS-Gen, Issue 5 General Requirements for Compliance of Radio Apparatus RSS-247, Issue 4 Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Device		

Measurement diagrams

2.01a_RSE_ch1_standing

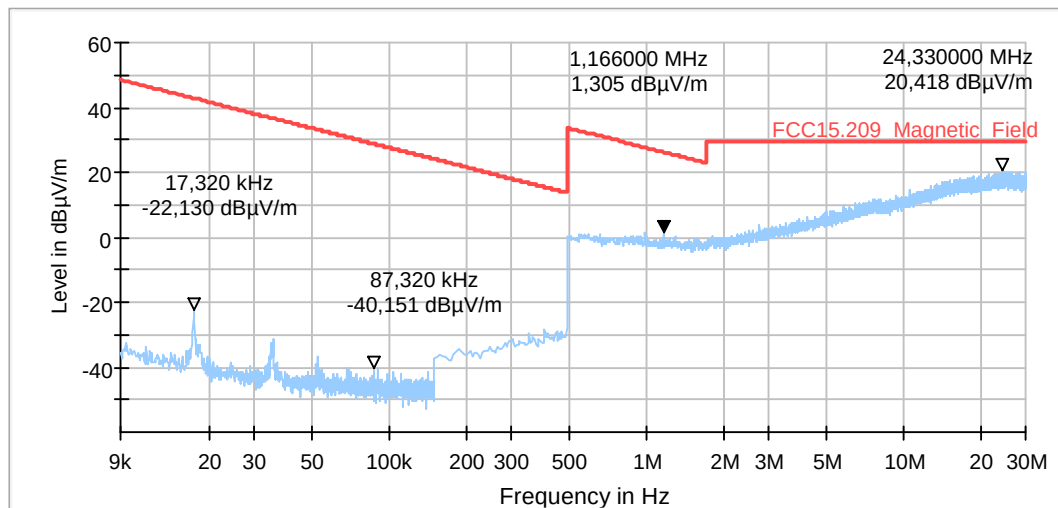
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
Distance correction:	used accord. table, pls. see test report
Technical Data:	Please see page 2 for detailed data of measurement setup
Rec. antenna (pre-scan):	height 1.00 m, parallel and 90° to EUT polarisation
Used filter:	bypass
Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	TX
Environmental Conditions:	Humidity: 50% rH; Temperature: 22.9 °C
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT number:	24-1-00507S02 + Filterboard
Power:	24 V DC

Full Spectrum



2.01b_RSE_ch1_lying

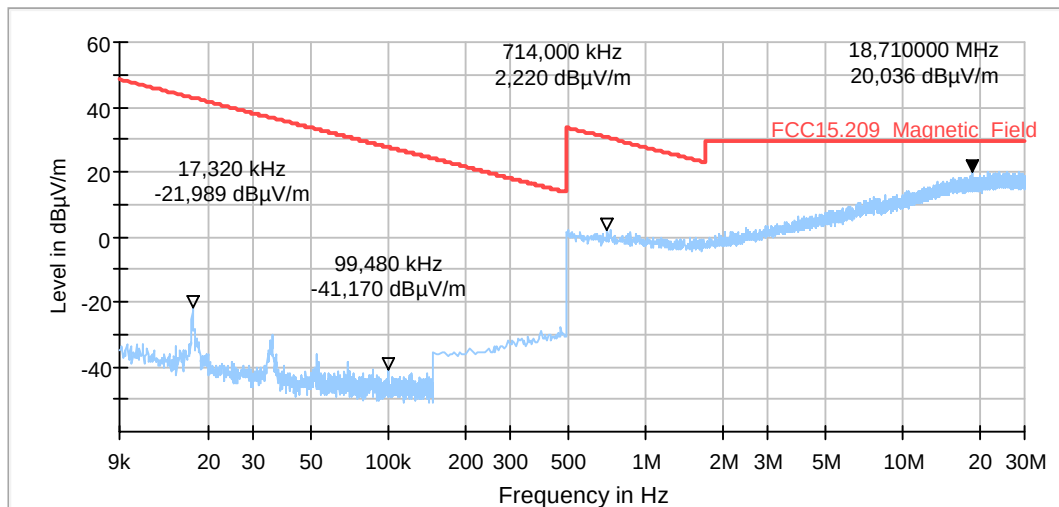
Common Information

Test description:	Magnetic Field Strength Measurement related to 30/300 m distance
Test Site Location:	Ref.-Nr. 441 Semi Anechoic Chamber (SAC1) with 3 m measurement distance
Version of Testsoftware:	EMC32 V10.60.20
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Test Standard:	FCC 15.205 § 15.209; RSS-Gen: Issue 5
Operator:	TFra
Operating Mode:	TX
Environmental Conditions:	Humidity: 50% rH; Temperature: 22.9 °C
EUT Setup:	standing
Verdict:	Passed

EUT Information

PMT number:	24-1-00507S02 + Filterboard
Power:	24 V DC

Full Spectrum



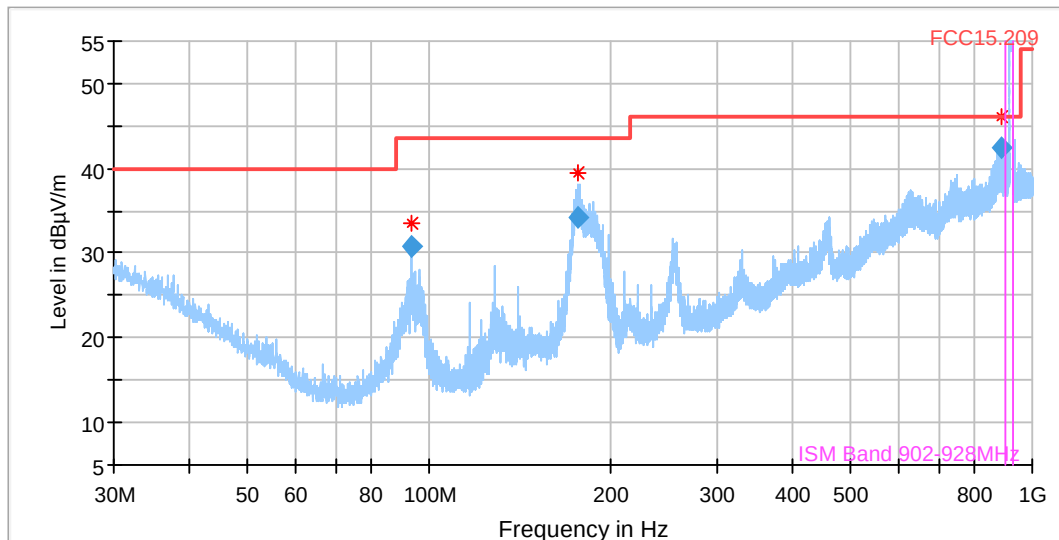
3.01a_RSE_ch1_standing

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	cetecom advanced GmbH Essen
Test Standard:	FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation:	horizontal/vertical
Environmental Conditions:	Humidity: 50%rH; Temperature: 21°C
Operator Name:	TFra
Operating Mode:	TX
Verdict:	Passed

EUT Information

PMT number:	24-1-00507S02 + Filterboard
Power:	24 V DC



3.01b_RSE_ch1_lying

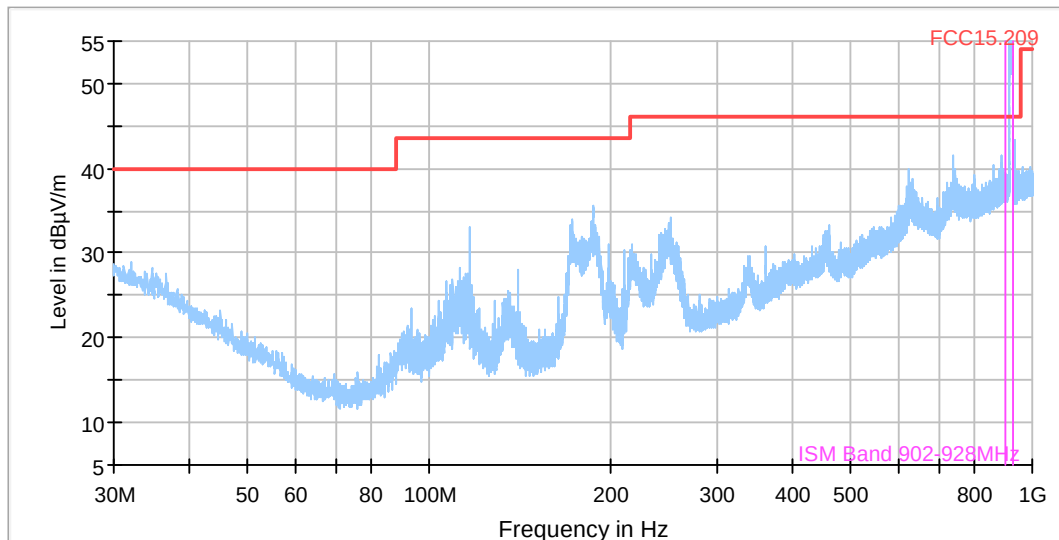
Common Information

Test Description: Radiated field strength emission in 3m distance
Test Site: cetecom advanced GmbH Essen
Test Standard: FCC 15.205&15.209 & RSS Gen. Issue 5
Antenna polarisation: horizontal/vertical

Environmental Conditions: Humidity: 50%rH; Temperature: 21°C
Operator Name: TFra
Operating Mode: TX
Verdict: Passed

EUT Information

PMT number: 24-1-00507S02 + Filterboard
Power: 24 V DC



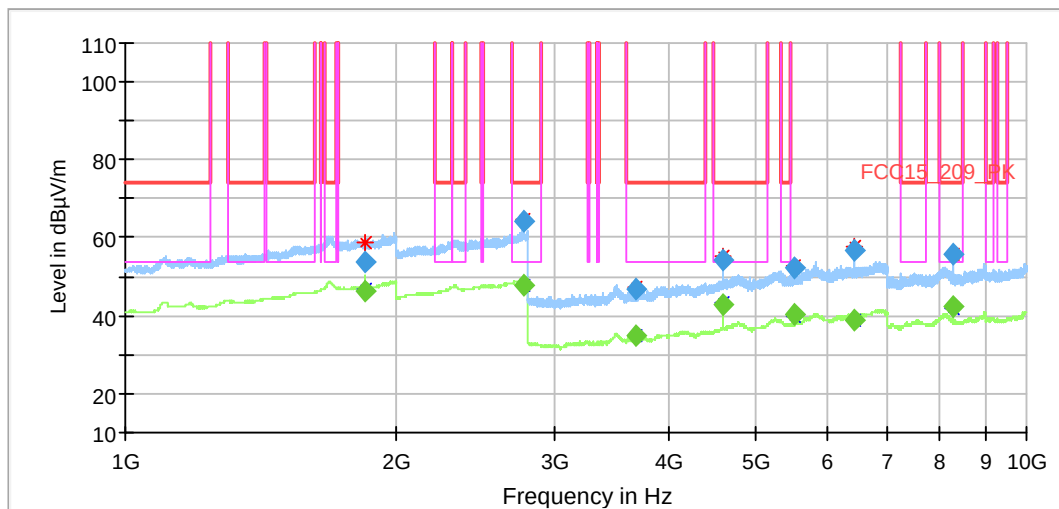
4.01_RSE_ch1

Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC 15.247&15.209 Intentional Radiator / RSS-Gen, Issue 5
Antenna polarisation:	horizontal/vertical
Operating Mode:	TX
Operator:	TFra
Environmental Conditions:	Humidity: 50 % rH; Temperature: 20 °C
Verdict:	Passed

EUT Information

PMT number:	24-1-00507S02 + Filterboard
Power:	24 V DC



Final Result

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Elevation (deg)	Trd Corr. (dB/m)
1842.000000	53.87	---	150.00	96.13	100.0	1000.000	154.0	V	116.0	0.0	27
1842.400000	---	46.50	150.00	103.50	100.0	1000.000	154.0	H	206.0	0.0	27
2764.000000	64.26	---	74.00	9.75	100.0	1000.000	154.0	V	238.0	0.0	32
2764.000000	---	47.93	54.00	6.07	100.0	1000.000	154.0	H	216.0	90.0	32
3685.600000	46.93	---	74.00	27.07	100.0	1000.000	154.0	H	96.0	90.0	33
3685.600000	---	34.70	54.00	19.30	100.0	1000.000	154.0	H	94.0	90.0	33
4606.000000	---	42.92	54.00	11.08	100.0	1000.000	154.0	V	4.0	0.0	35
4606.400000	54.20	---	74.00	19.80	100.0	1000.000	154.0	V	-16.0	0.0	35
5527.600000	52.44	---	150.00	97.56	100.0	1000.000	154.0	V	213.0	0.0	36
5528.000000	---	40.43	150.00	109.57	100.0	1000.000	154.0	V	213.0	0.0	36
6448.400000	---	38.72	150.00	111.28	100.0	1000.000	154.0	H	217.0	0.0	38
6448.400000	56.55	---	150.00	93.45	100.0	1000.000	154.0	H	273.0	0.0	38
8288.800000	55.62	---	74.00	18.38	100.0	1000.000	154.0	H	304.0	90.0	40
8290.400000	---	42.14	54.00	11.86	100.0	1000.000	154.0	H	304.0	90.0	40

End Of Annex 1