

Annex 1: Measurement diagrams 21-1-0167501T02a-A1

Number of pages:	10	Date of Report:	2022-Jun-15
Testing company:	CETECOM GmbH Im Teelbruch 116 45219 Essen Germany Tel. + 49 (0) 20 54 / 95 19-0 Fax: + 49 (0) 20 54 / 95 19-150	Applicant:	UAB Pulsetto
Product:	Nerve stimulator		
Model:	Pulsetto		
FCC ID:	2A5T3-BXN-PU-22V001	IC:	
Testing has been carried out in accordance with:	Title 47 CFR Chapter I FCC regulations, Subchapter A, Part15 Subpart B - Unintentional Radiators §15.107, §15.109 (Class B limits)		

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1 Measurement diagrams

1.1 Conducted emissions limits, §15.107

Diagram 1.01

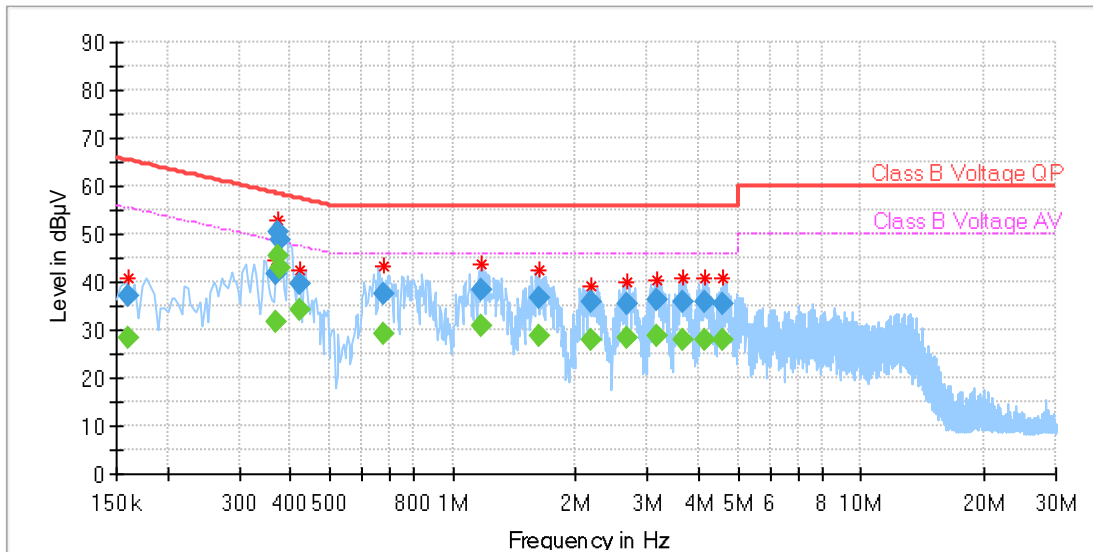
Common Information

Test Description:	Conducted Voltage Measurement Class B
Test Site Location:	Conducted Emission, CETECOM GmbH Essen
Test Software:	R&S EMC32 v9.15
Test Standard:	FCC 15.107, FCC 15.207
Operating Mode:	Operating Mode: 1
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 31%RH; Temperature: 20.2°C
Operator:	HLa
Verdict:	Passed

EUT Information

PMT number:	22-1-00500S02_C01
Date received:	--

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)	Limit (dBμV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.159844	---	28.30	55.47	27.17	1000.0	9.000	L1	GND	0.1
0.159844	36.96	---	65.47	28.51	1000.0	9.000	L1	GND	0.1
0.367813	---	31.78	48.55	16.77	1000.0	9.000	L1	GND	0.1
0.367813	41.86	---	58.55	16.69	1000.0	9.000	L1	GND	0.1
0.374063	---	45.28	48.41	3.13	1000.0	9.000	L1	GND	0.1
0.374063	50.33	---	58.41	8.08	1000.0	9.000	L1	GND	0.1
0.378594	---	42.91	48.31	5.40	1000.0	9.000	L1	GND	0.1
0.378594	48.88	---	58.31	9.43	1000.0	9.000	L1	GND	0.1
0.422656	---	34.08	47.40	13.32	1000.0	9.000	L1	GND	0.1
0.422656	39.64	---	57.40	17.76	1000.0	9.000	L1	GND	0.1
0.675313	---	29.10	46.00	16.90	1000.0	9.000	L1	GND	0.3
0.675313	37.45	---	56.00	18.55	1000.0	9.000	L1	GND	0.3
1.177656	---	30.69	46.00	15.31	1000.0	9.000	L1	GND	0.3
1.177656	38.45	---	56.00	17.55	1000.0	9.000	L1	GND	0.3
1.621719	---	28.55	46.00	17.45	1000.0	9.000	L1	GND	0.3
1.621719	36.75	---	56.00	19.25	1000.0	9.000	L1	GND	0.3
2.172500	---	27.98	46.00	18.02	1000.0	9.000	L1	GND	0.3
2.172500	35.66	---	56.00	20.34	1000.0	9.000	L1	GND	0.3
2.659688	---	28.32	46.00	17.68	1000.0	9.000	L1	GND	0.3
2.659688	35.57	---	56.00	20.43	1000.0	9.000	L1	GND	0.3
3.174844	---	28.58	46.00	17.42	1000.0	9.000	L1	GND	0.4
3.174844	36.19	---	56.00	19.81	1000.0	9.000	L1	GND	0.4
3.652969	---	28.10	46.00	17.90	1000.0	9.000	L1	GND	0.3
3.652969	35.72	---	56.00	20.28	1000.0	9.000	L1	GND	0.3
4.131250	---	27.99	46.00	18.01	1000.0	9.000	L1	GND	0.3
4.131250	35.71	---	56.00	20.29	1000.0	9.000	L1	GND	0.3
4.597188	---	27.73	46.00	18.27	1000.0	9.000	L1	GND	0.4
4.597188	35.43	---	56.00	20.57	1000.0	9.000	L1	GND	0.4

1.2 Radiated emissions limits, range 30MHz < f < 1GHz (§15.109)

Diagram 3.01_Laying

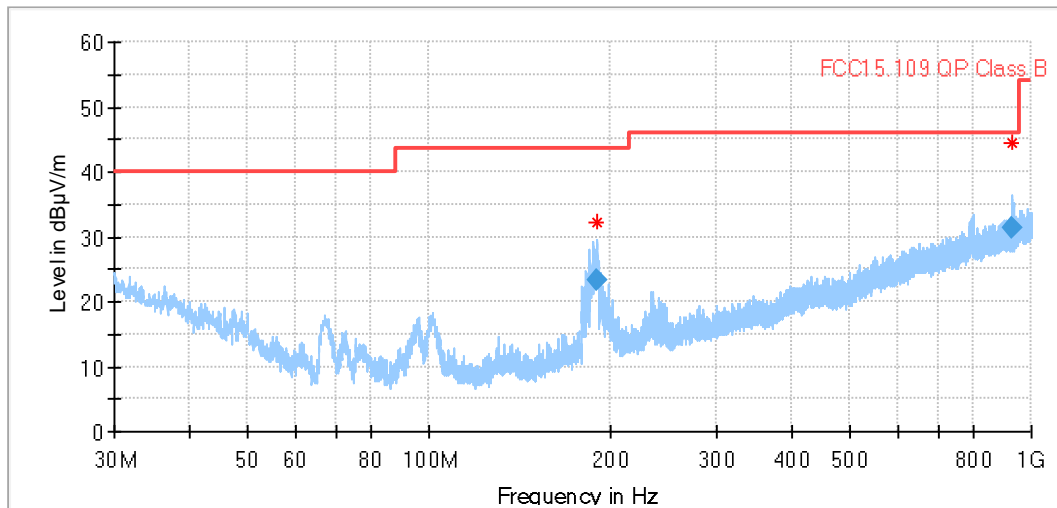
Common Information

Test Description:	Radiated field strength emission in 3m distance
Test Site:	CETECOM GmbH Essen
Test Standard:	FCC 15.109 Unintentional Radiator
Antenna polarisation:	horizontal/vertical
Operating Mode:	Charging + Simulation active
Environmental Conditions:	Humidity : 40%rH; Temperature: 20°C
Operator:	HLA
Verdict:	Passed

EUT Information

PMT number:	21-1-01675S02_C01
Manufacturer:	UAB Pulsetto
Product:	Nerve stimulator
Model:	Pulsetto

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
189.845000	23.15	43.50	20.35	1000.0	120.000	173.0	H	0.0	11.4
926.165000	31.31	46.00	14.69	1000.0	120.000	334.0	H	243.0	27.0

Diagram 3.01_ Standing

Common Information

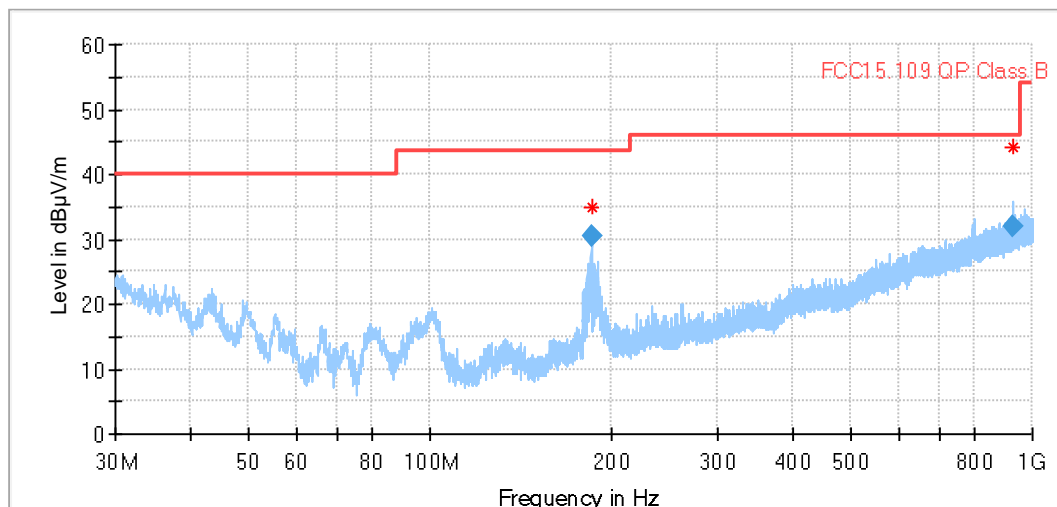
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.109 Unintentional Radiator
 Antenna polarisation: horizontal/vertical

 Operating Mode: Charging + Simulation active
 Environmental Conditions: Humidity : 40%rH; Temperature: 20°C
 Operator: HLa
 Verdict: Passed

EUT Information

PMT number: 21-1-01675S02_C01
 Manufacturer: UAB Pulsetto
 Product: Nerve stimulator
 Model: Pulsetto

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (h)	Height	Pol	Azimuth (h)	Corr. (dB/m)
185.165000	30.31	43.50	13.19	1000.0	120.000	178.0	H	20.0	11.1
925.803000	32.04	46.00	13.96	1000.0	120.000	222.0	H	285.0	27.0

1.3 Radiated emission limits, range 1-15GHz (§15.109)

Diagram 4.01

Common Information

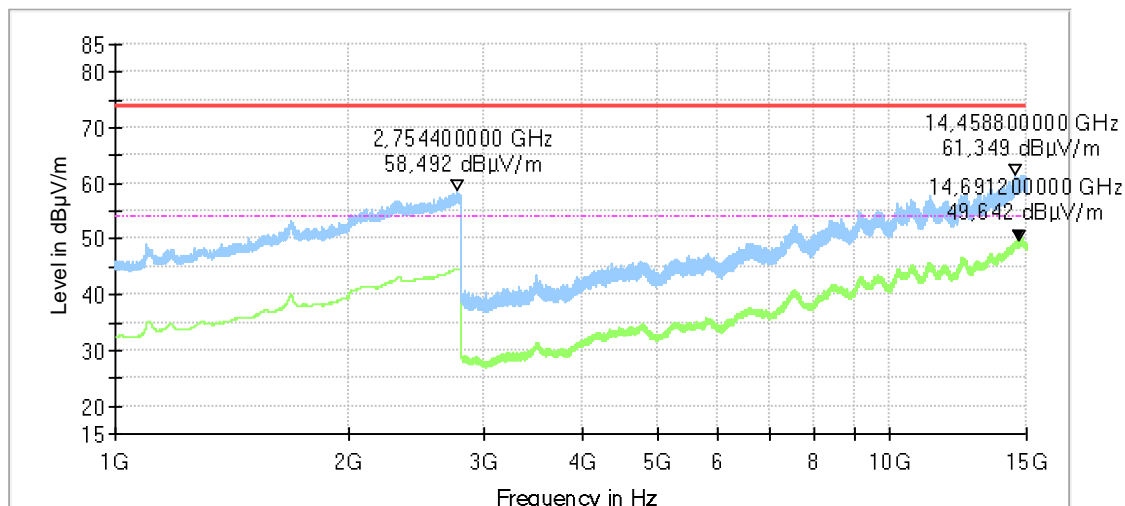
Test Description:	Radiated Filed Strength Emission
Test Site Location:	CETECOM GmbH Essen
Test Site:	Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
Test Standard:	FCC Part 15.109, class B / RSS-Gen., Issue 4
Operating Mode:	Charging + Simulation active + RX mode
Equipment Class:	Class B
Environmental Conditions::	Humidity : 40%rH; Temperature: 20°C
Operator:	HLa
EUT Setup:	1
Verdict:	Passed
Comment:	

EUT Information

PMT number:	21-1-01675S02_C01
Manufacturer:	UAB Pulsetto
Product:	Nerve stimulator
Model:	Pulsetto

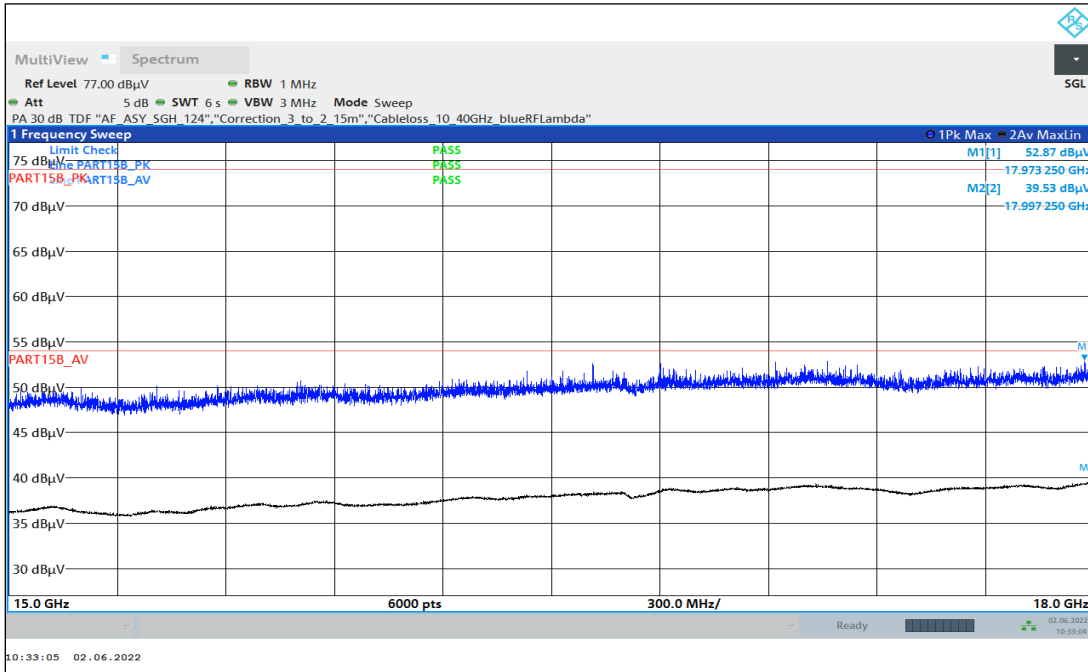
Config:	USB C + AC/DC adapter

Full Spectrum

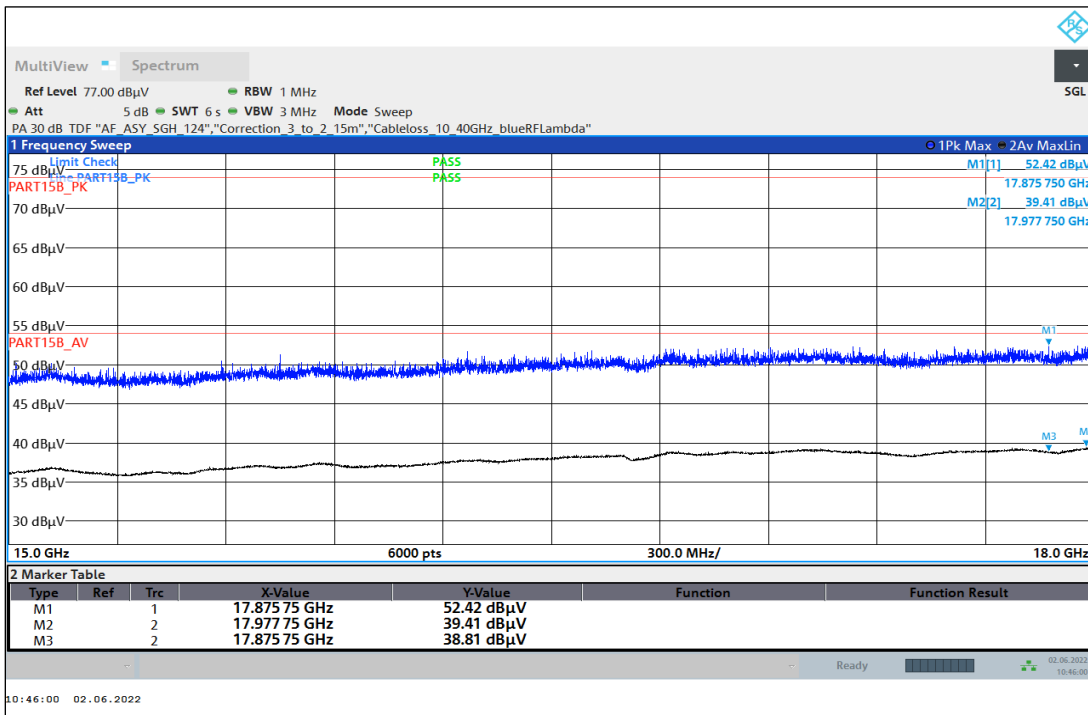


1.4 Radiated emission limits, range 15-18GHz (§15.109)

4_02_Part15B_RX_Mode_AntH

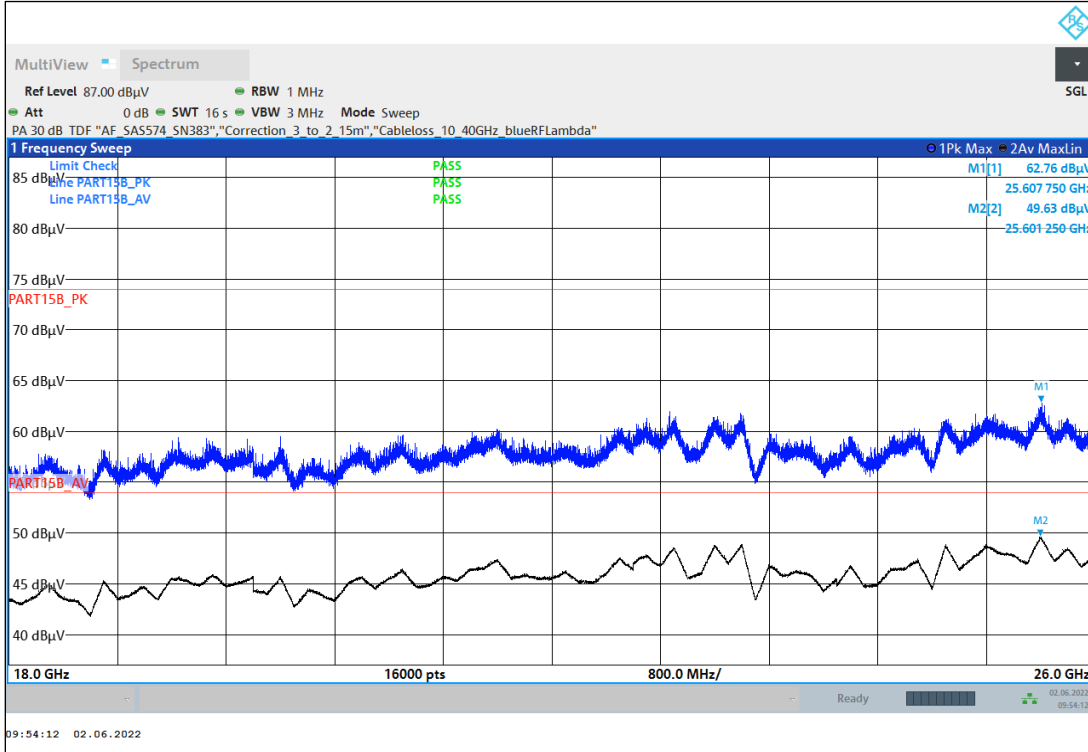


4_02_Part15B_RX_Mode_AntV

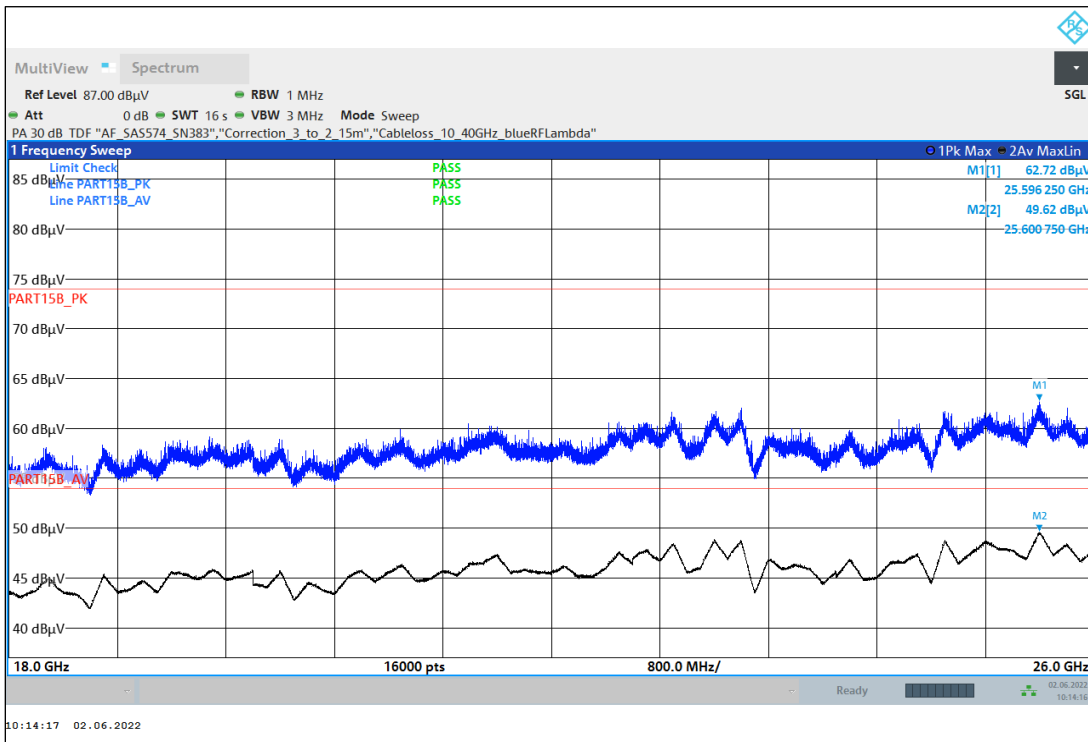


1.5 Radiated emission limits, range 18-26GHz (§15.109)

4_03_Part15B_RX_Mode_AntH



4_03_Part15B_RX_Mode_AntV



End Of Annex 1