

Annex 1: Measurement diagrams 22-1-0131901T005a-C01-A1

Number of pages:	6	Date of Report:	2023-Mar-10
Testing company:	cetecom advanced GmbH Im Teelbruch 116 45219 Essen Germany Tel. + 49 (0) 20 54 / 95 19-0 Fax: + 49 (0) 20 54 / 95 19-150	Applicant:	BBC Bircher AG
Product: Model:	Wireless Transmission System XRF-R.2		
FCC ID:	TBZ-XRFR29	IC:	5904A-XRFR29
Testing has been carried out in accordance with:	FCC Regulations Title 47 CFR, Chapter I, Subchapter A, Part 15 Subpart B Unintentional Radiators § 15.107 Conducted limits § 15.109 Radiated emission limits ISED-Regulations Radio Standards Specification RSS-Gen, Issue 5 General Requirements for Compliance of Radio Apparatus ICES-003, Issue 7 Information Technology Equipment (including Digital Apparatus)		

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1 Measurement diagrams

1.01

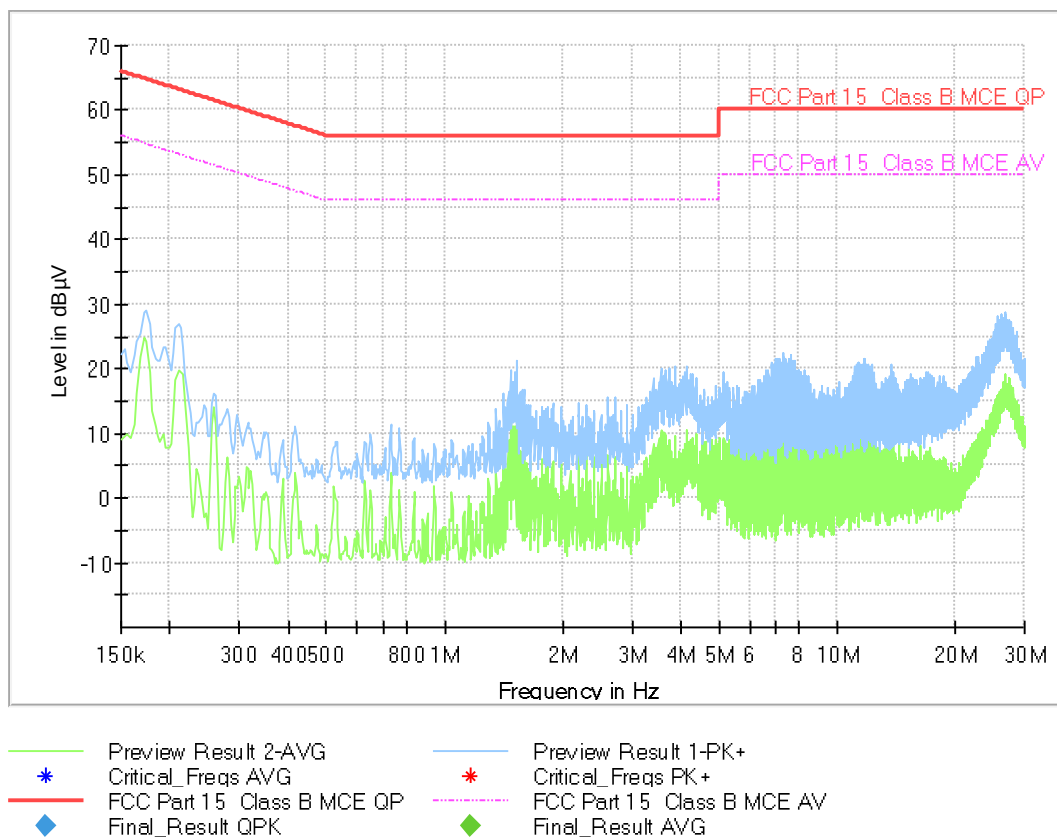
Common Information

Test Description:	Mains conducted emission
Test Site & Location:	Shielded Room 1 (Lab 1); CETECOM GmbH
Version of Testsoftware:	EMC32 V10.50.40
Test Specification:	FCC Part 15B
Environmental Conditions:	Humidity: 47 %rH; Temperature: 19 °C; Pressure: 984 hPa
Operating Mode:	1
Operator:	ACheikh
Comment:	--

EUT Information

EUT Name:	22-1-01319S05_C01
Comment:	--

Full Spectrum



3.01

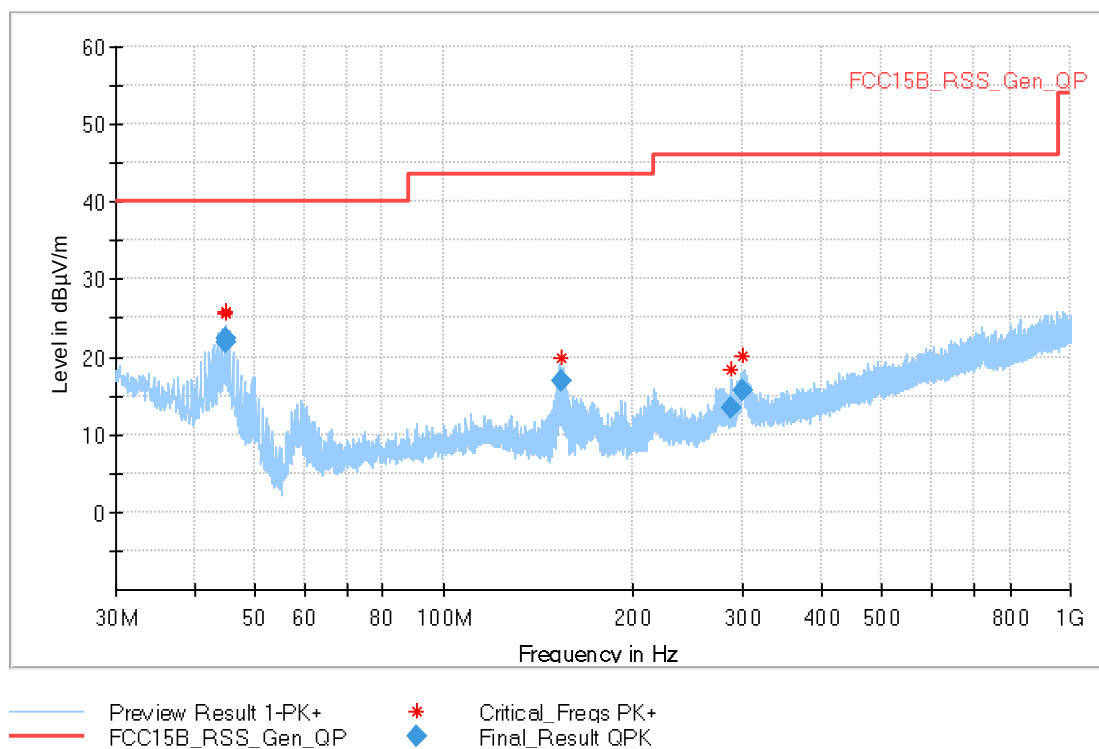
Date: 21.12.2022 Page 1 of 2
 Test Description: Electric Fieldstrength Measurement above 1GHz
 Test Site & Location: Semi Anechoic Chamber (SAC5); CETECOM GmbH
 Version of Testsoftware: EMC32 V10.60.20
 Test Specification: FCC15.109, class B; RSS-Gen.: Issue 4
 Operating Mode: Rx mode
 Used Filter: none
 Measured side(s): front, right, rear, left
 Distance correction: no, measurement in 3m Distance with 3m Limits
 Environmental conditions: Humidity: 34% rH; Temperature: 22 °C; Pressure: 996 hPa
 Operator: ACheikh

EUT Information

Sample PMT Number : 22-1-01319S05_C01

Full Spectrum

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)	Sig Path (dB)	Preamp (dB)
44.828000	22.49	40.00	17.51	120.000	100.0	V	211.0	12	1	0
44.848000	21.89	40.00	18.11	120.000	100.0	V	292.0	12	1	0
154.032000	16.80	43.50	26.70	120.000	106.0	V	179.0	11	2	0
287.808000	13.38	46.00	32.62	120.000	171.0	V	283.0	14	2	0
300.152000	15.58	46.00	30.42	120.000	113.0	H	39.0	14	2	0

4.01

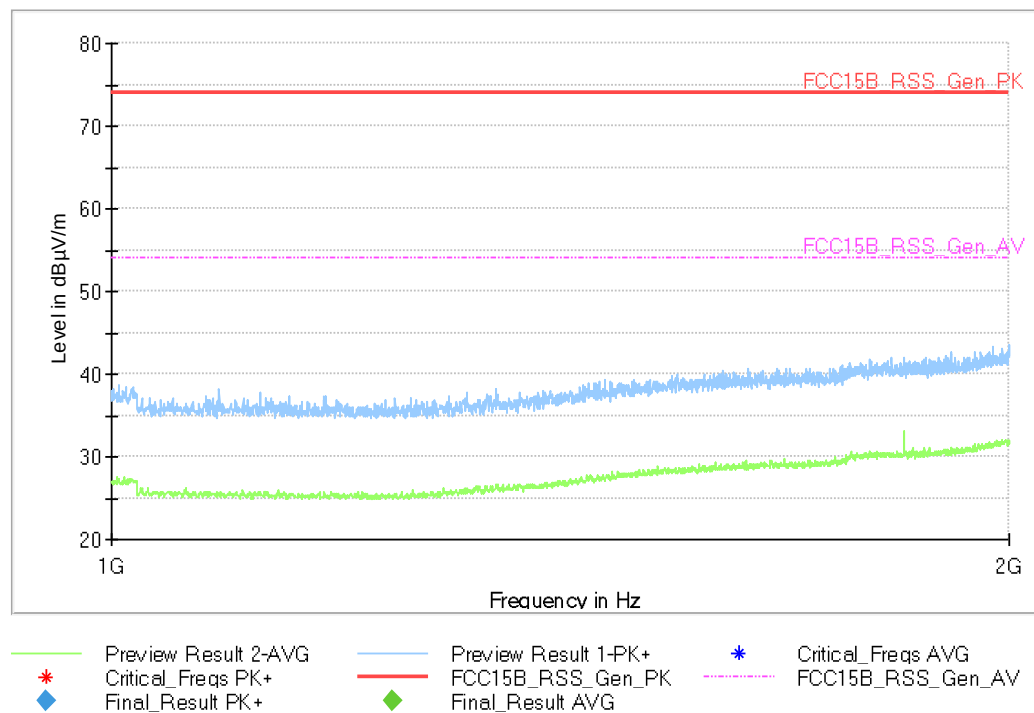
Date:	21.12.2022	Page 1 of 2
Test Description:	Electric Fieldstrength Measurement above 1GHz	
Test Site & Location:	Semi Anechoic Chamber (SAC5); CETECOM GmbH	
Version of Testsoftware:	EMC32 V10.60.20	
Test Specification:	FCC15.109, class B; RSS-Gen.: Issue 4	
Operating Mode:	Rx mode with all AE on without RF	
Used Filter:	none	
Measured side(s):	front, right, rear, left	
Distance correction:	no, measurement in 3m Distance with 3m Limits	
Environmental conditions:	Humidity: 34% rH; Temperature: 22 °C; Pressure: 996 hPa	
Operator:	ACeikh	
Comments:		

EUT Information

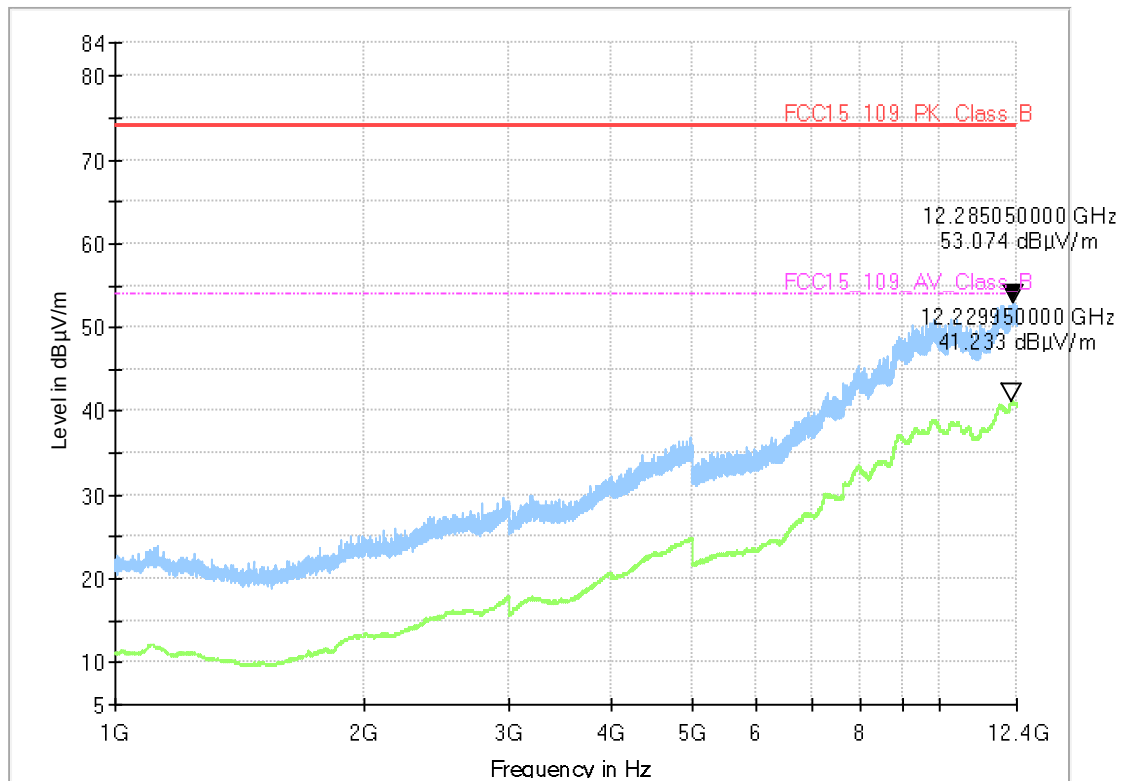
Sample PMT Number : 22-1-01319S05_C01

Full Spectrum

Full Spectrum



Full Spectrum

**End Of Annex 1**