

Annex 1: Measurement diagrams to Test Report 20-1-0155301T14a-A1

Number of pages:	6	Date of Report:	2021-Jul-09
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:	Infinet LLC
Test Object / Tested Device(s):	Point-to-Point and Point-to-Multipoint RF transceiver for Fixed Service E5-BSI/05600		
FCC ID:	2AZJ4-E5-BS	IC:	--
Testing has been carried out in accordance with:	Title 47 CFR, Chapter I FCC Regulations, Subchapter A Subpart B: §15.109 (Class B limits) Deviations, modifications or clarifications (if any) to above mentioned documents are written in each section under "Test method and limit".		

1 Measurement diagrams

1.01

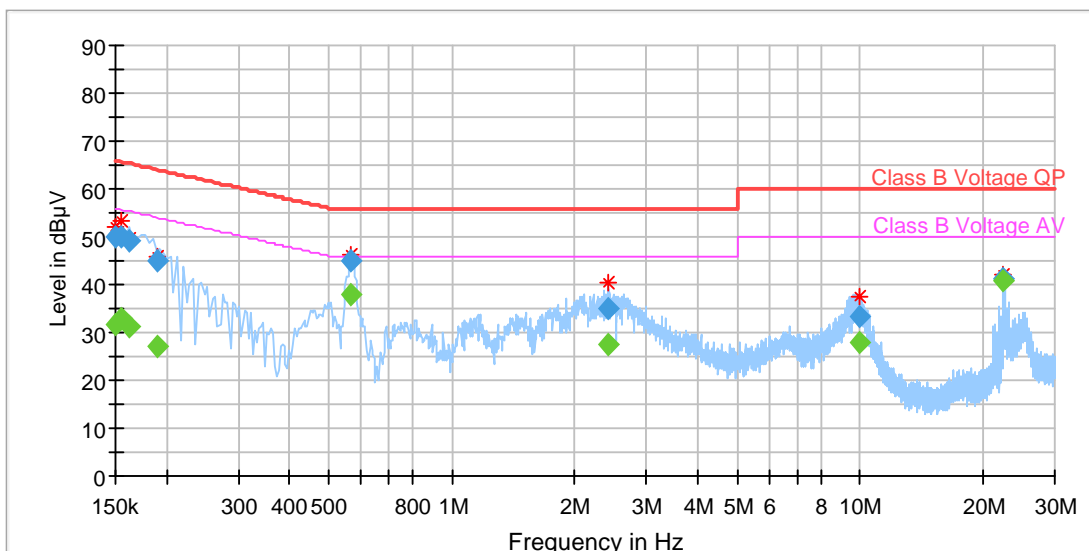
Common Information

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:	Op.1
Measured on line:	N/L1
Diagram details:	Shows the peak values as a sum of measured ports in maxhold mode
Environmental Conditions:	Humidity: 39%rH; Temperature: 21°C
Operator:	HLa/JRi
Comments:	
EUT Setup:	
Verdict:	Passed

EUT Information

PMT number:	20-1-01553S40_C02
Manufacturer:	Infinet LLC

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	PE	Corr. (dB)
0.150000	50.09	---	66.00	15.91	1000.0	9.000	N	GND	0.1
0.150000	---	31.49	56.00	24.51	1000.0	9.000	N	GND	0.1
0.155000	50.01	---	65.73	15.72	1000.0	9.000	N	GND	0.1
0.155000	---	33.11	55.73	22.62	1000.0	9.000	N	GND	0.1
0.162656	---	31.39	55.33	23.94	1000.0	9.000	L1	GND	0.1
0.162656	49.27	---	65.33	16.06	1000.0	9.000	L1	GND	0.1
0.190000	45.05	---	64.04	18.99	1000.0	9.000	L1	GND	0.1
0.190000	---	27.10	54.04	26.94	1000.0	9.000	L1	GND	0.1
0.565469	44.98	---	56.00	11.02	1000.0	9.000	N	GND	0.1
0.565469	---	37.98	46.00	8.02	1000.0	9.000	N	GND	0.1
2.409219	34.98	---	56.00	21.02	1000.0	9.000	N	GND	0.3
2.409219	---	27.39	46.00	18.61	1000.0	9.000	N	GND	0.3
9.925938	33.41	---	60.00	26.59	1000.0	9.000	N	GND	0.4
9.925938	---	27.81	50.00	22.19	1000.0	9.000	N	GND	0.4
22.436563	---	41.01	50.00	8.99	1000.0	9.000	L1	GND	0.7
22.436563	41.20	---	60.00	18.80	1000.0	9.000	L1	GND	0.7

3.01

Common Information

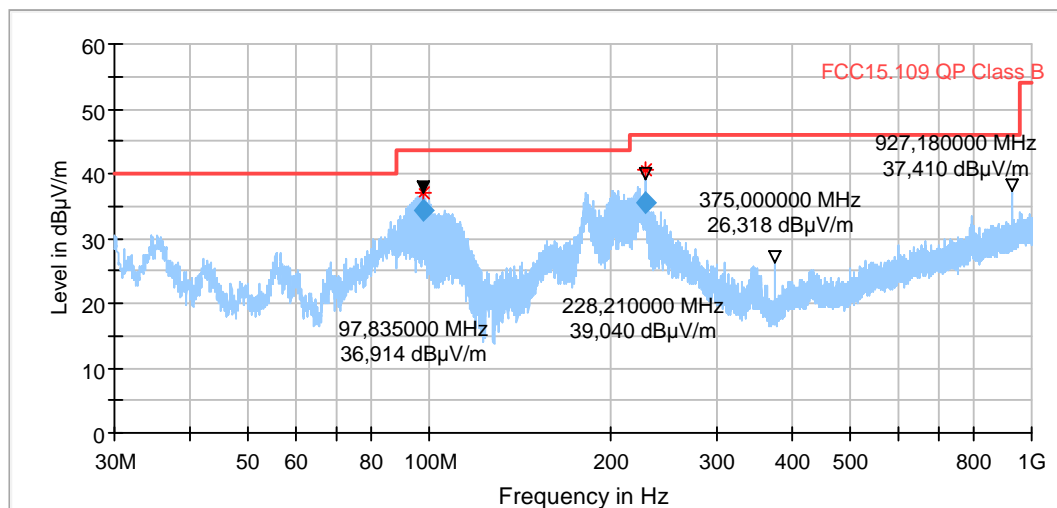
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.109 Unintentional Radiator
 Antenna polarisation: horizontal/vertical

 Operation mode: Op.1
 Operator Name:
 Comment: Uplink channel middle:
 Downlink channel middle:
 Internal/External Antenna of EUT used
 Environmental Conditions: Humidity : 58%rH; Temperature: 20°C
 Operator: SSanthakum/HLA
 Verdict: Passed

EUT Information

PMT number: 20-1-01553S40_C02
 Manufacturer: Infinet LLC

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margi n	Meas. Time (ms)	Bandwidt h	Heigh t	Pol	Azimut h	Corr. (dB/m)
97.835000	34.31	43.50	9.19	1000.0	120.000	120.0	V	89.0	8.1
228.205000	35.61	46.00	10.39	1000.0	120.000	114.0	H	317.0	12.8

3.02

Common Information

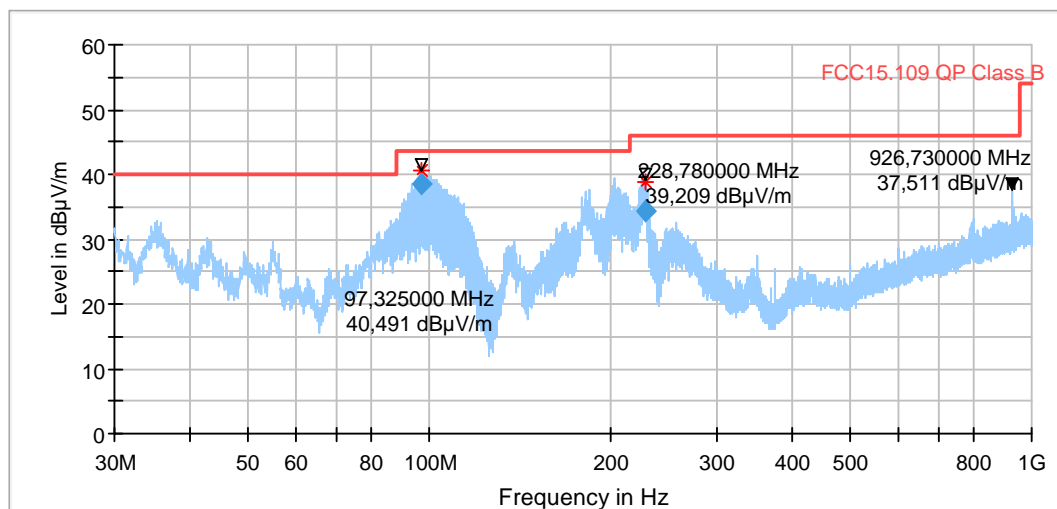
Test Description: Radiated field strength emission in 3m distance
 Test Site: CETECOM GmbH Essen
 Test Standard: FCC 15.109 Unintentional Radiator
 Antenna polarisation: horizontal/vertical

 Operation mode: Op.1
 Operator Name:
 Comment: Uplink channel middle:
 Downlink channel middle:
 Internal/External Antenna of EUT used
 Environmental Conditions: Humidity : 58%rH; Temperature: 20°C
 Operator: SSanthakum/HLA
 Verdict: Passed

EUT Information

PMT number: 20-1-01553S40_C02
 Manufacturer: Infinet LLC

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (Hz)	Height	Pol	Azimuth	Corr. (dB/m)
97.325000	38.54	43.50	4.96	1000.0	120.000	105.0	V	0.0	8.2
228.755000	34.45	46.00	11.55	1000.0	120.000	105.0	V	29.0	12.8

4.01

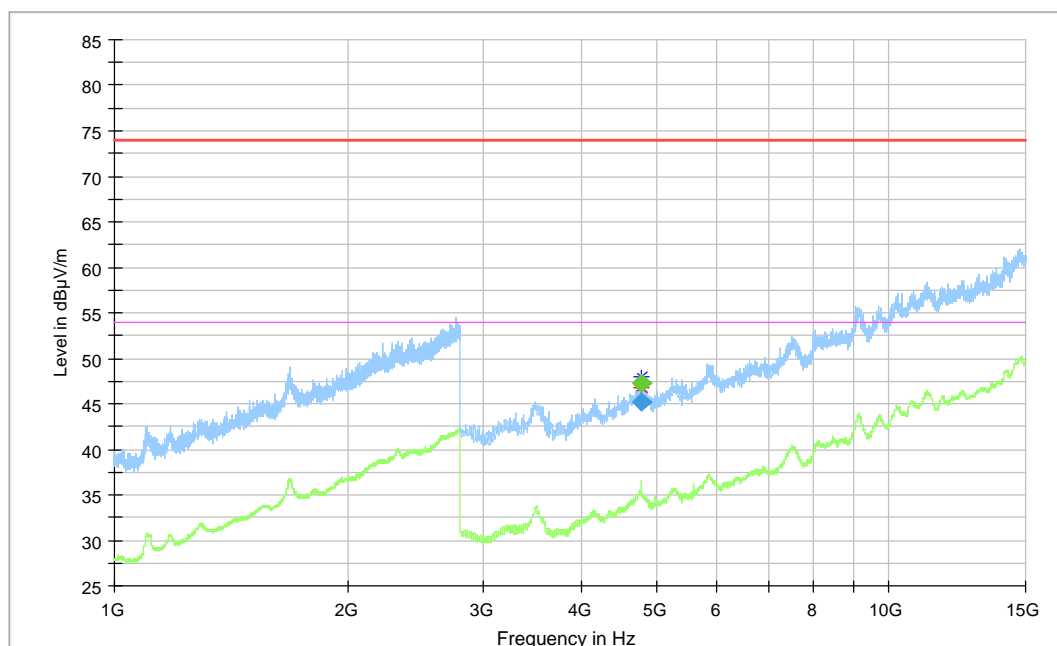
Common Information

Test Description: Radiated field strength emission in 3m distance
 Test Site: Fully Anechoic Chamber (FAC1) - EMC32 V10.60.20
 Test Standard: FCC 15.109 Unintentional Radiator
 Antenna polarisation: horizontal/vertical

 Operating Mode: Op.1
 Operator: TFra
 Comment:
 Environmental Conditions: Humidity : 57%rH; Temperature: 20°C
 EUT Setup: 1
 Verdict: Passed

EUT Information

PMT number: 20-1-01553S40_C02
 Manufacturer: Infinet LLC
 Full Spectrum



Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	RMS (dBµV/m)	Limit (dBµV/m)	Margin	Meas. Time (ms)	Bandwidth (h)	Height	Pol	Azimuth	Elevation
4799.630000	45.19	---	74.00	28.81	100.0	1000.000	155.0	H	316.0	90.0
4800.047334	---	47.33	54.00	6.67	100.0	1000.000	155.0	V	318.0	0.0

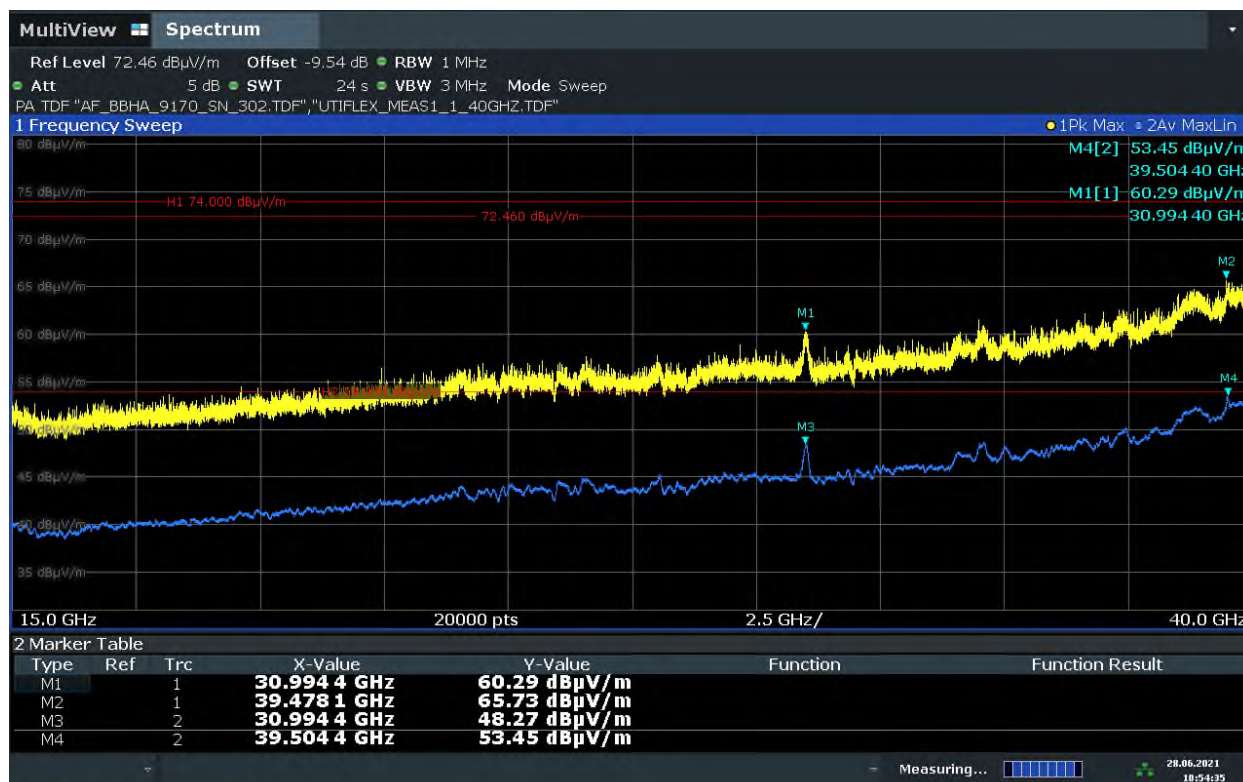
4.02

Common Information

Test Description:	Electric Fieldstrength Measurement
Test Spec.:	FCC 109 Class B
Antenna:	receiving antenna is directed to all sides
Operating Mode:	Op.1
Environmental Conditions.:	Humidity : 40% rH; Temperature: 20 °C
Operator:	HLa

EUT Information

PMT number:	20-1-01553S40_C02
Manufacturer:	Infinet LLC



18:54:36 28.06.2021

End Of Annex 1