



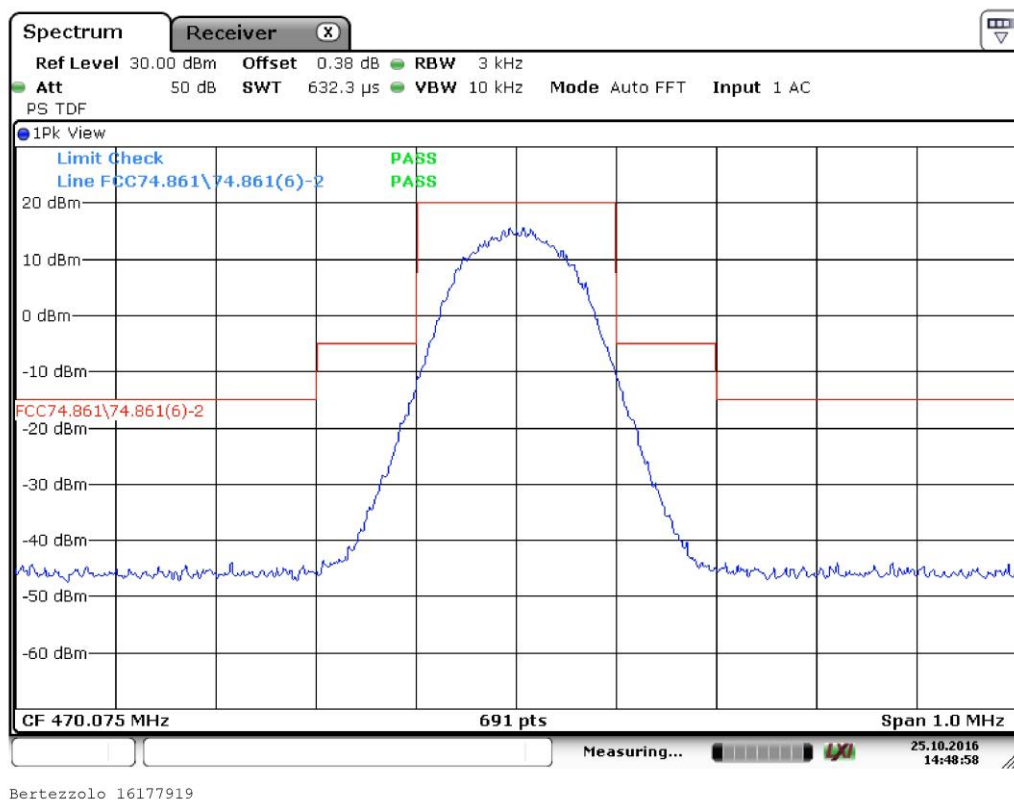
Result

Frequency (MHz)	Frequency Range (MHz)	Remarks	Graphs	Results
470,075	469,575 – 470,575	Measurement related to attenuation above 500 kHz	G16177919	Complies
	450 – 469,575	--	G16177920	Complies
	470,575 – 490	--	G16177921	Complies
607,925	607,425 – 608,425	Measurement related to attenuation above 500 kHz	G16177922	Complies
	590 – 607,425	--	G16177923	Complies
	608,425 – 620	--	G16177924	Complies
614,075	613,575 – 614,575	Measurement related to attenuation above 500 kHz	G16177925	Complies
	600 – 613,575	--	G16177926	Complies
	614,575 – 630	--	G16177927	Complies
638,000	637,500 – 638,500	Measurement related to attenuation above 500 kHz	G16177928	Complies
	620 – 637,5	--	G16177929	Complies
	638,5 – 650	--	G16177930	Complies
668,000	667,500 – 668,500	Measurement related to attenuation above 500 kHz	G16177931	Complies
	650 – 667,500	--	G16177932	Complies
	668,500 – 680	--	G16177933	Complies
697,925	697,425 – 698,425	Measurement related to attenuation above 500 kHz	G16177934	Complies
	680 – 697,425	--	G16177935	Complies
	698,425 – 710	--	G16177936	Complies



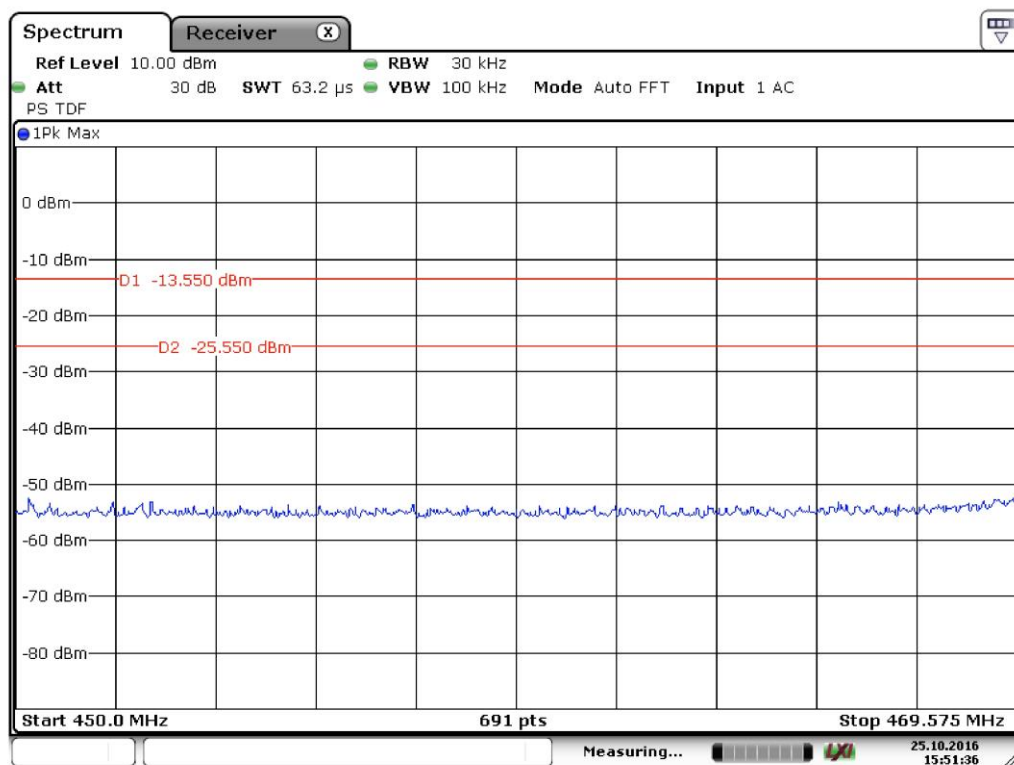
Graphs

G16177919





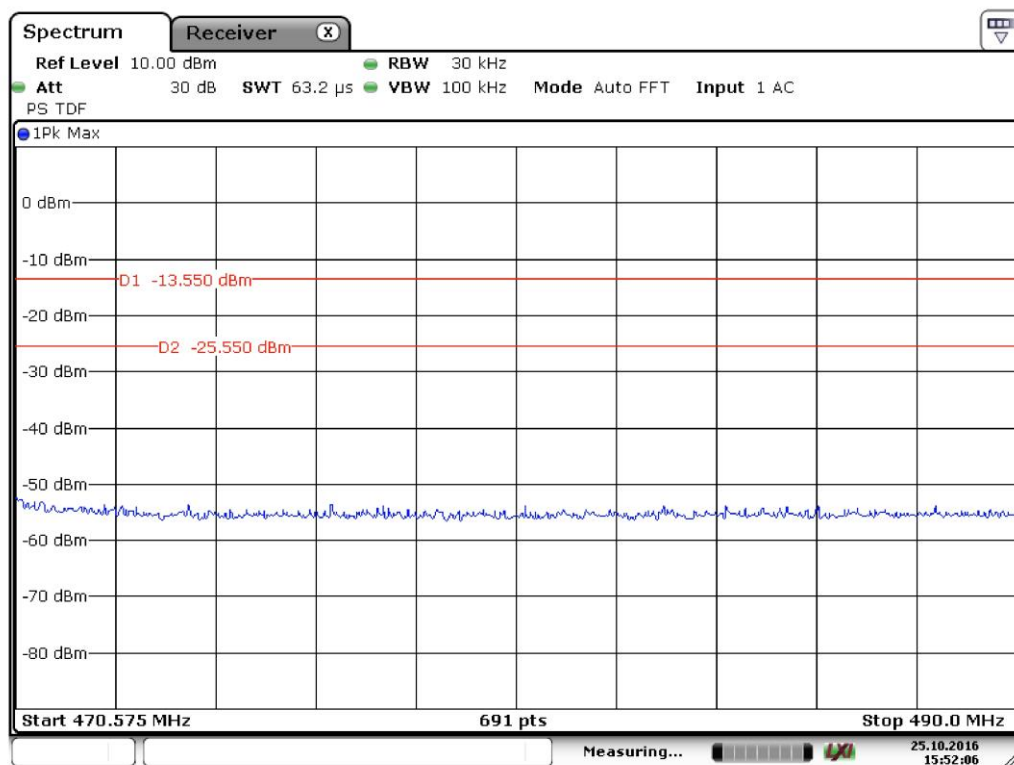
G16177920



Bertezzo 16177920



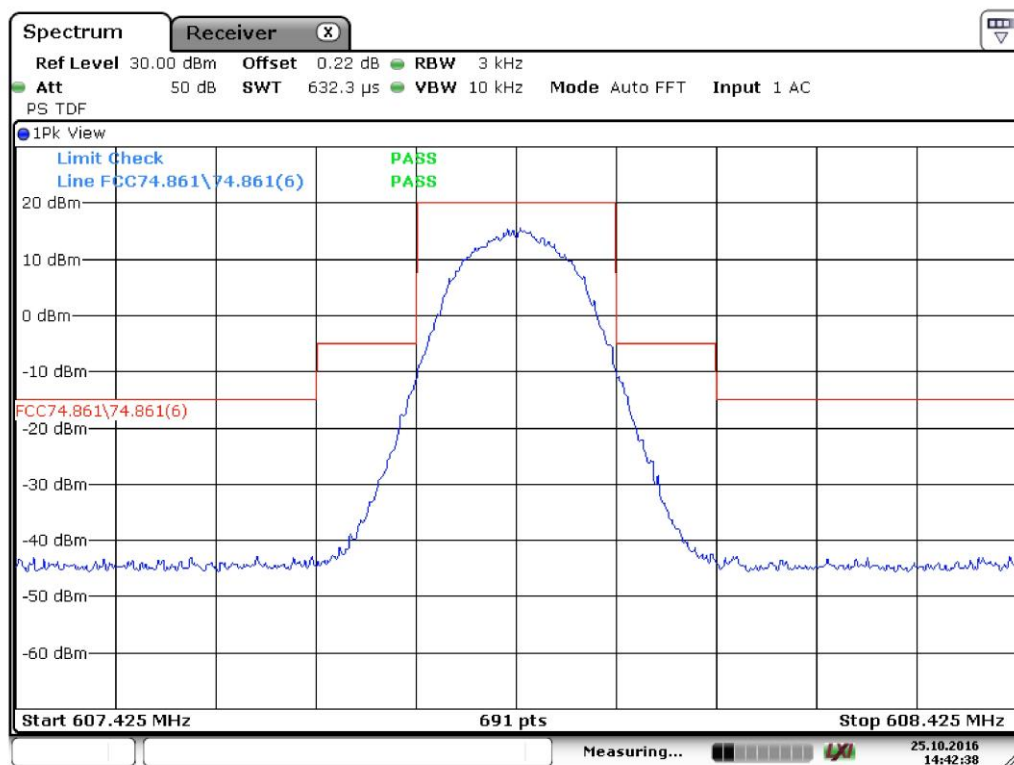
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Bertezzolo 16177921



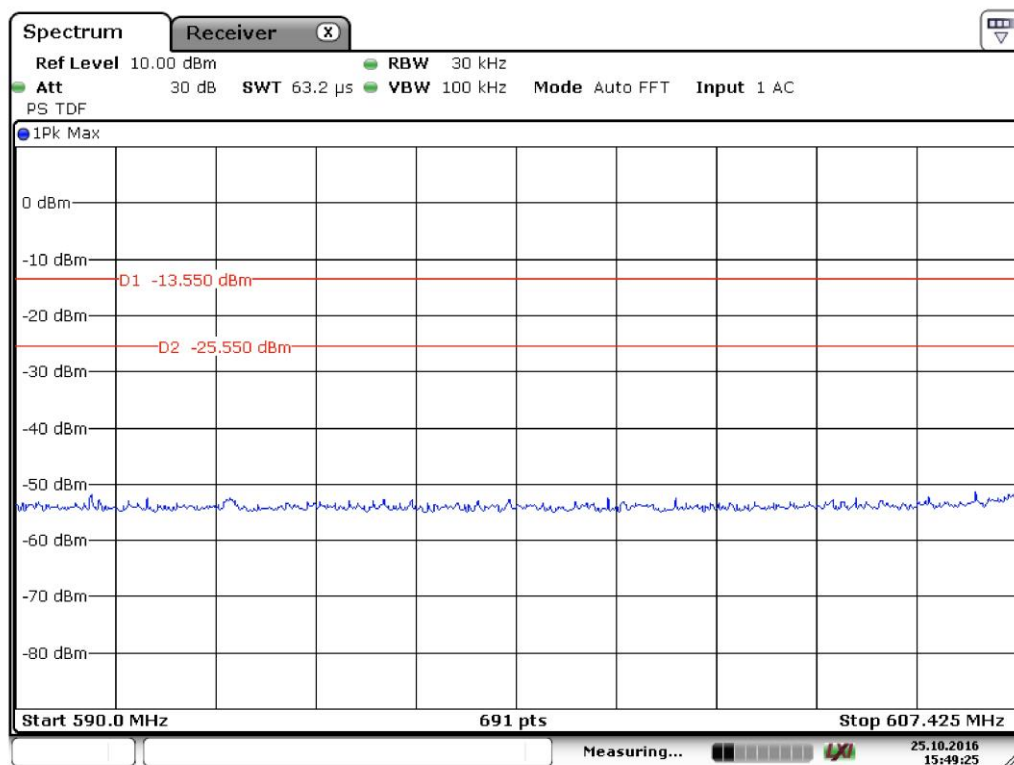
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Bertezzo 16177922



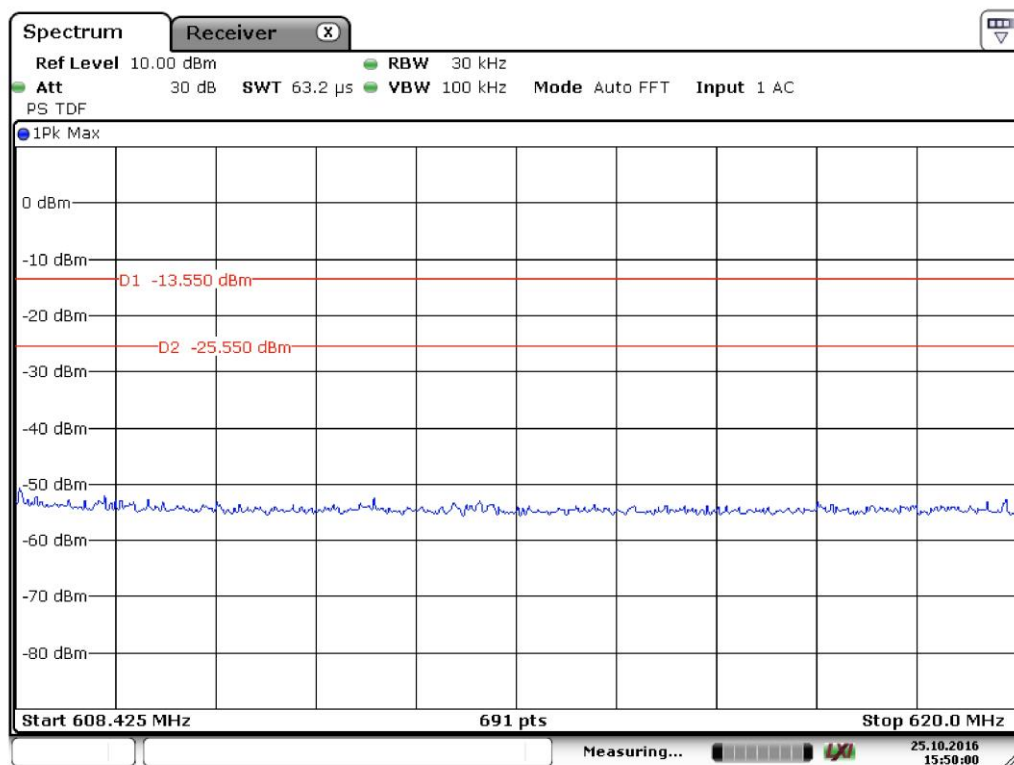
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Bertezzo 16177923



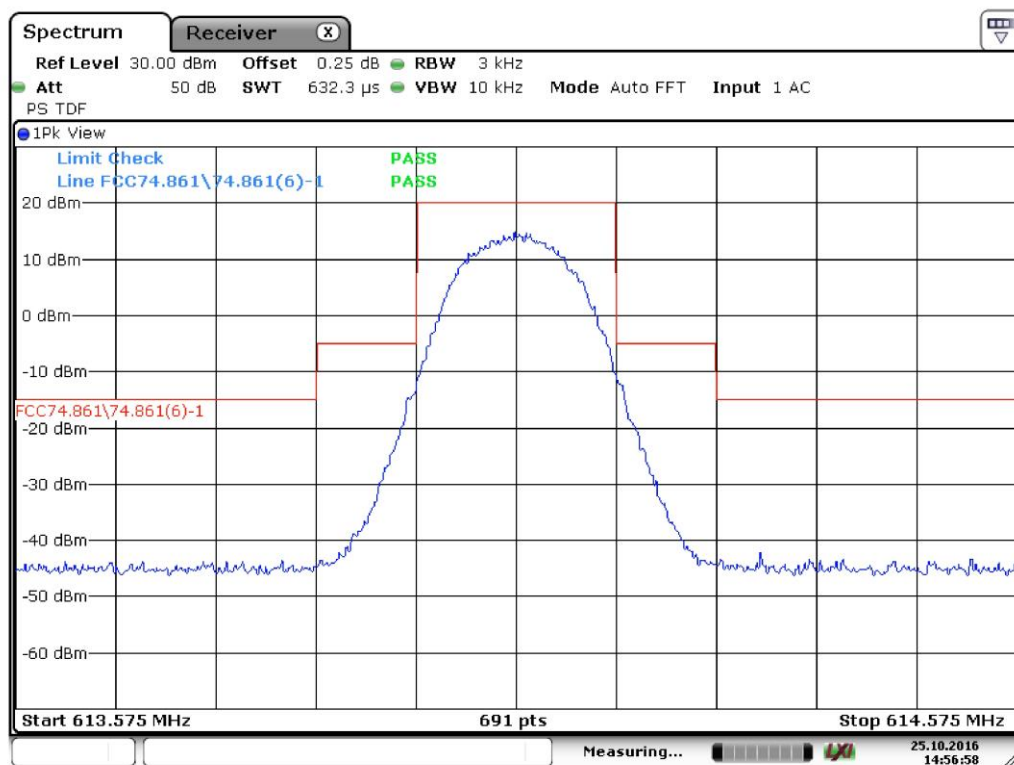
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Bertezzolo 16177924



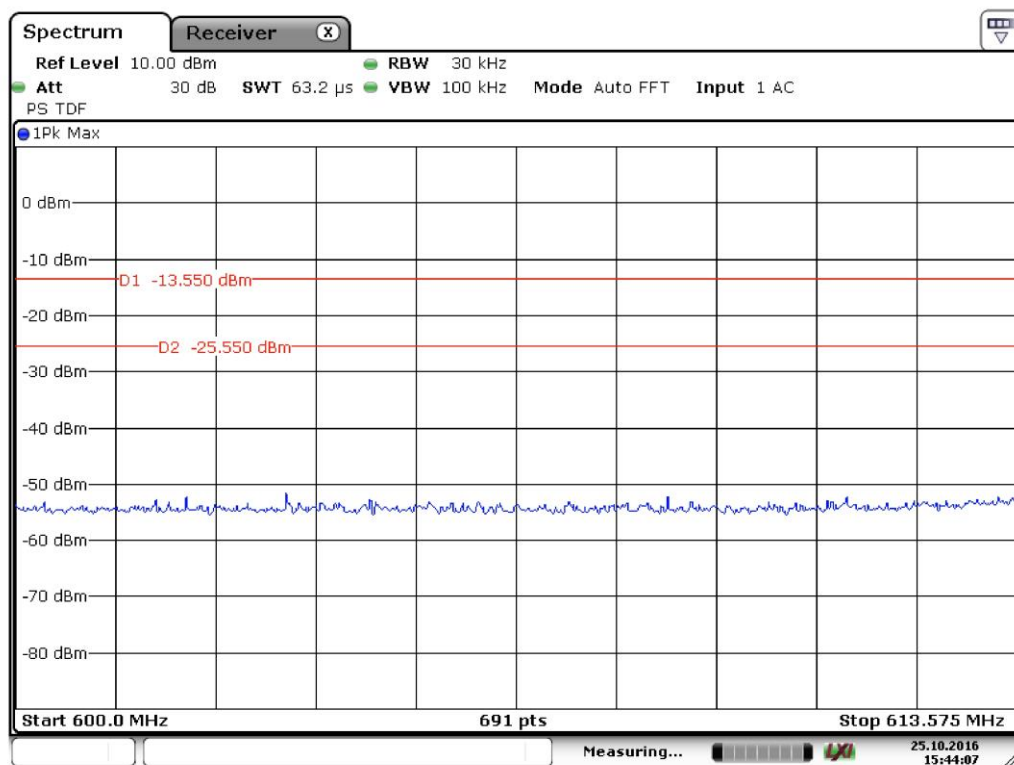
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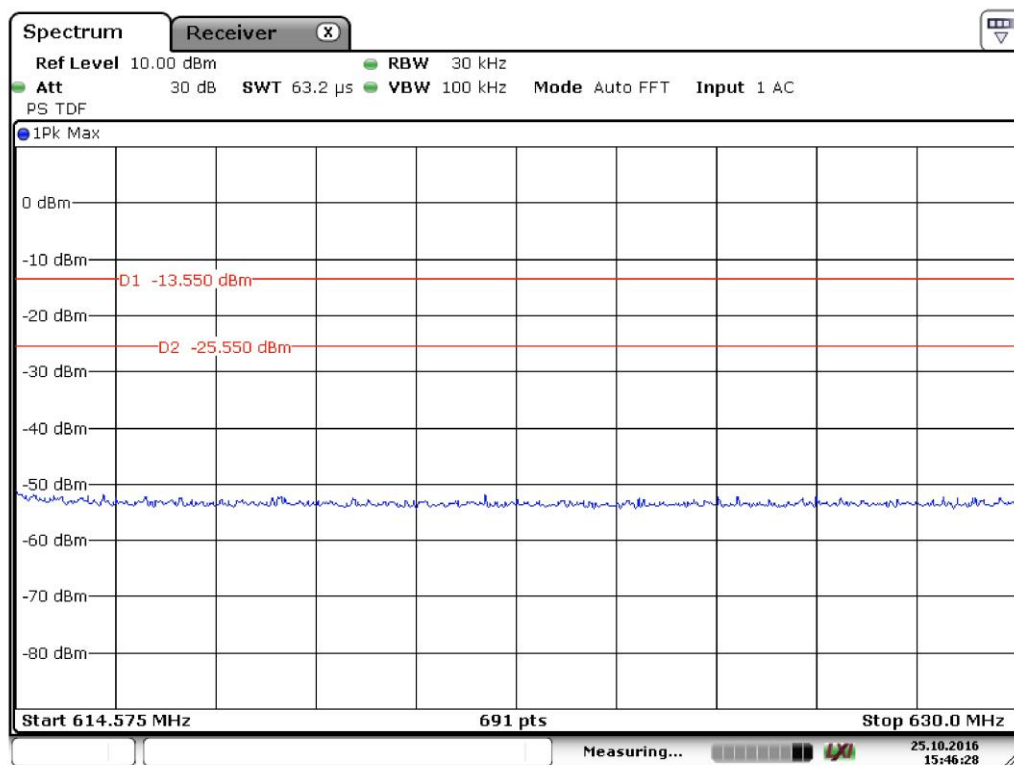
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Bertezzo 16177926



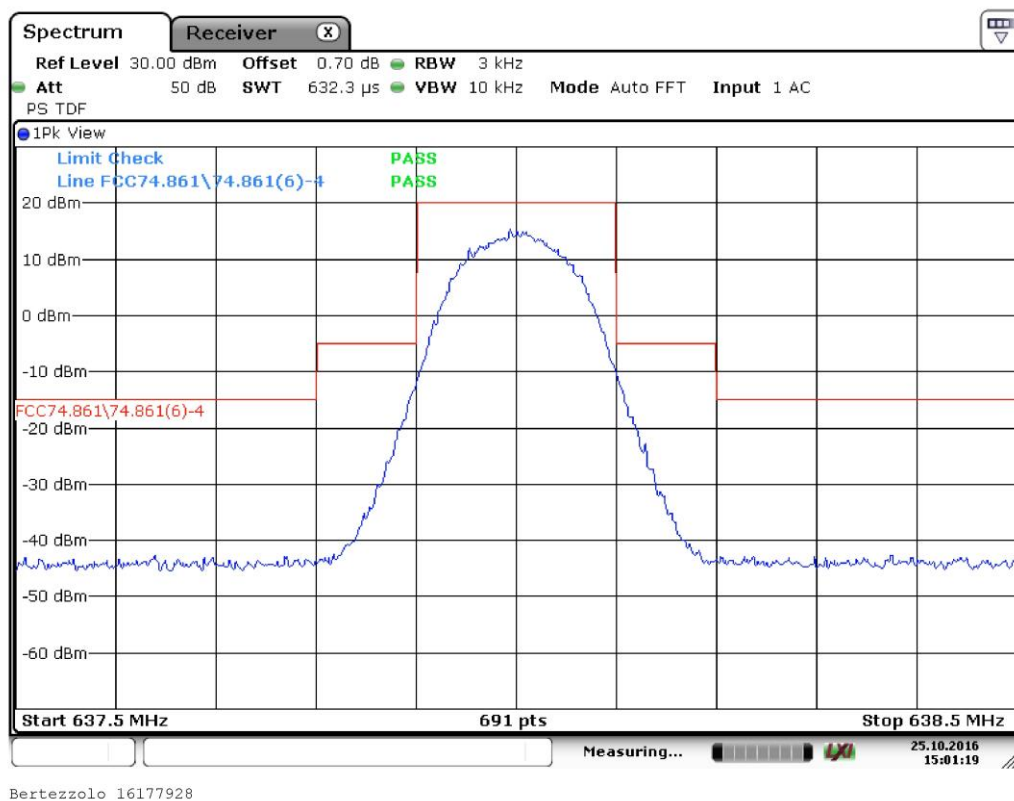
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Bertezzo 16177927

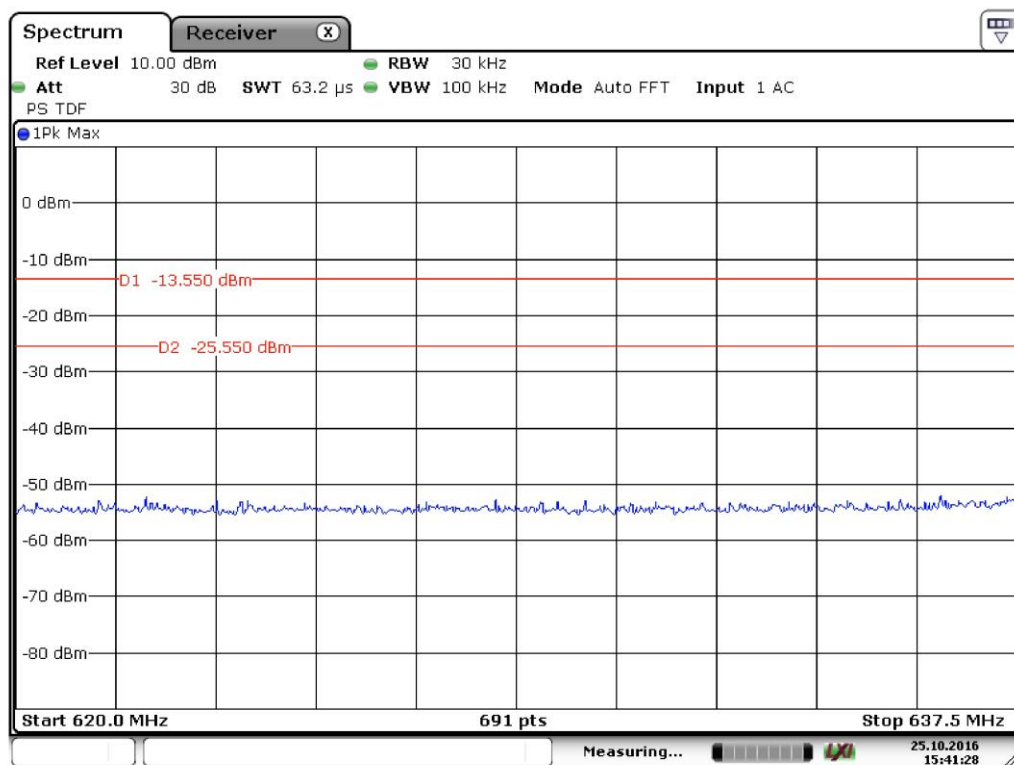


G16177928





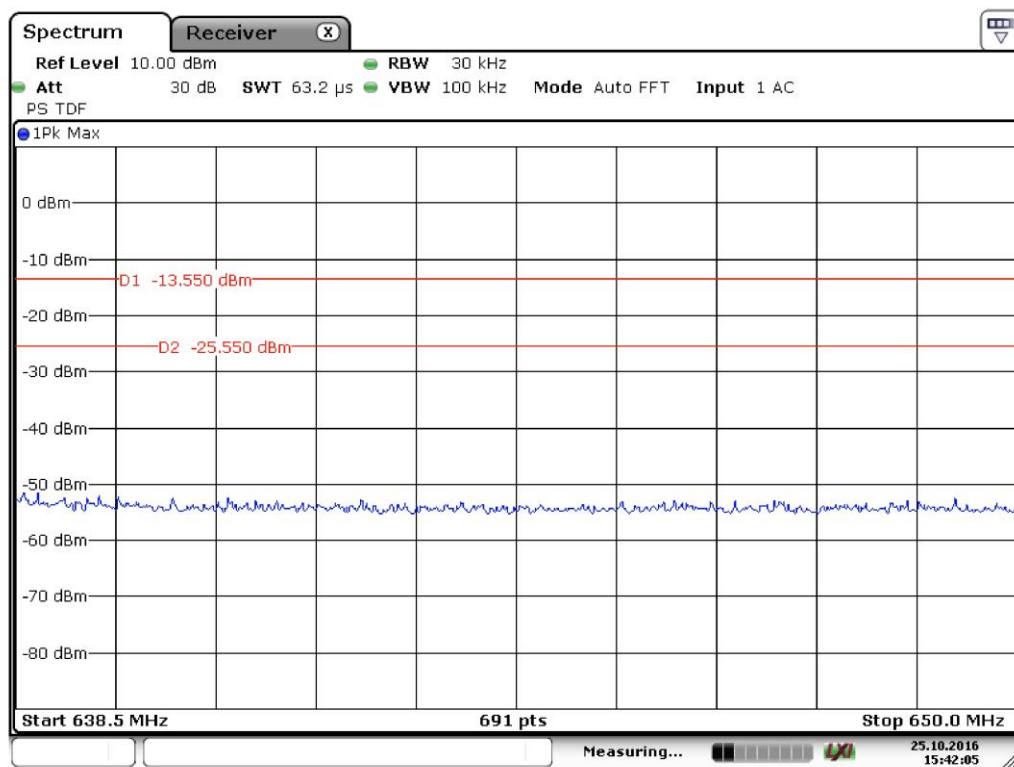
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Bertezzo 16177929



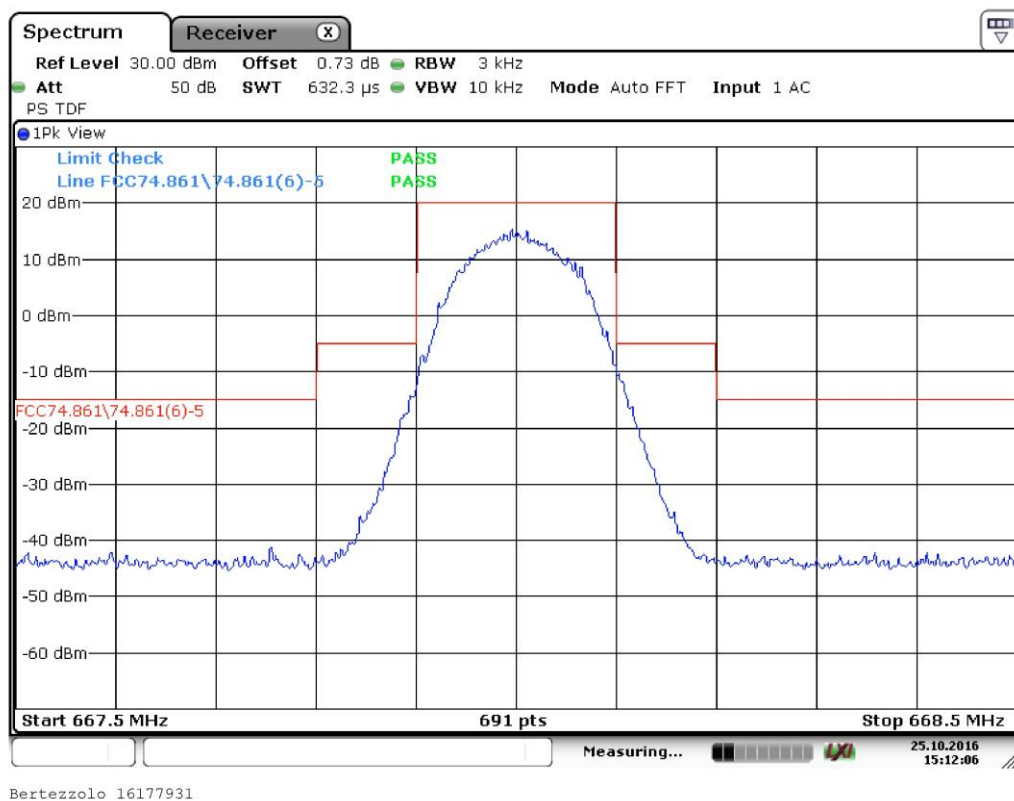
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Bertezzolo 16177930

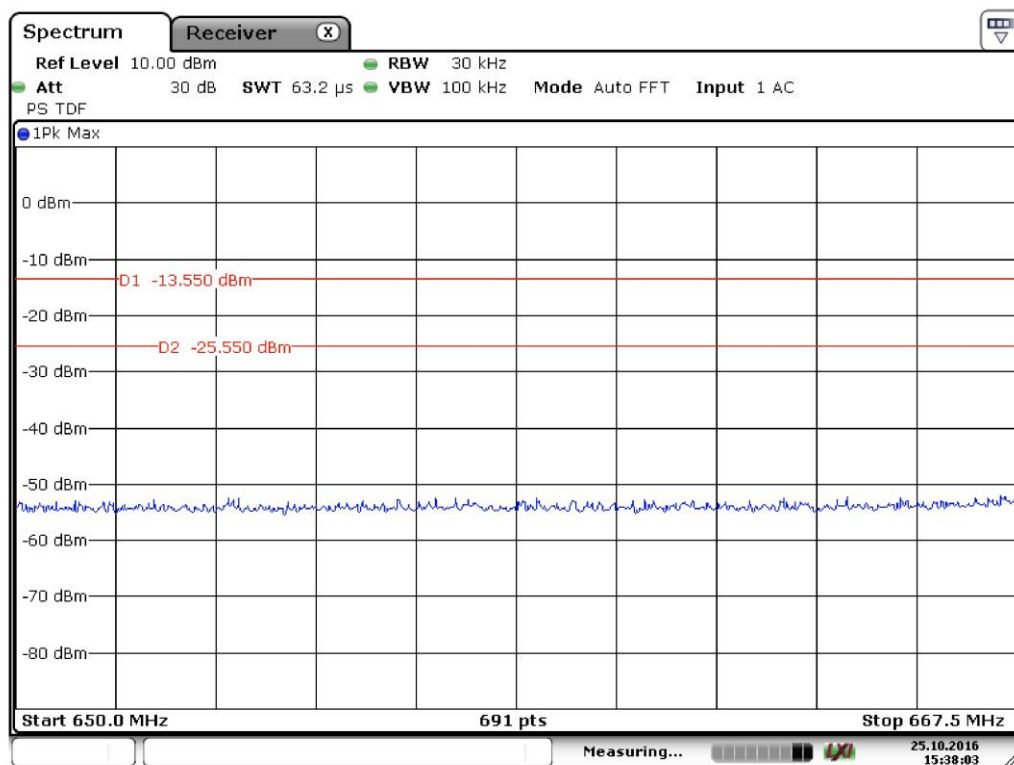


G16177931





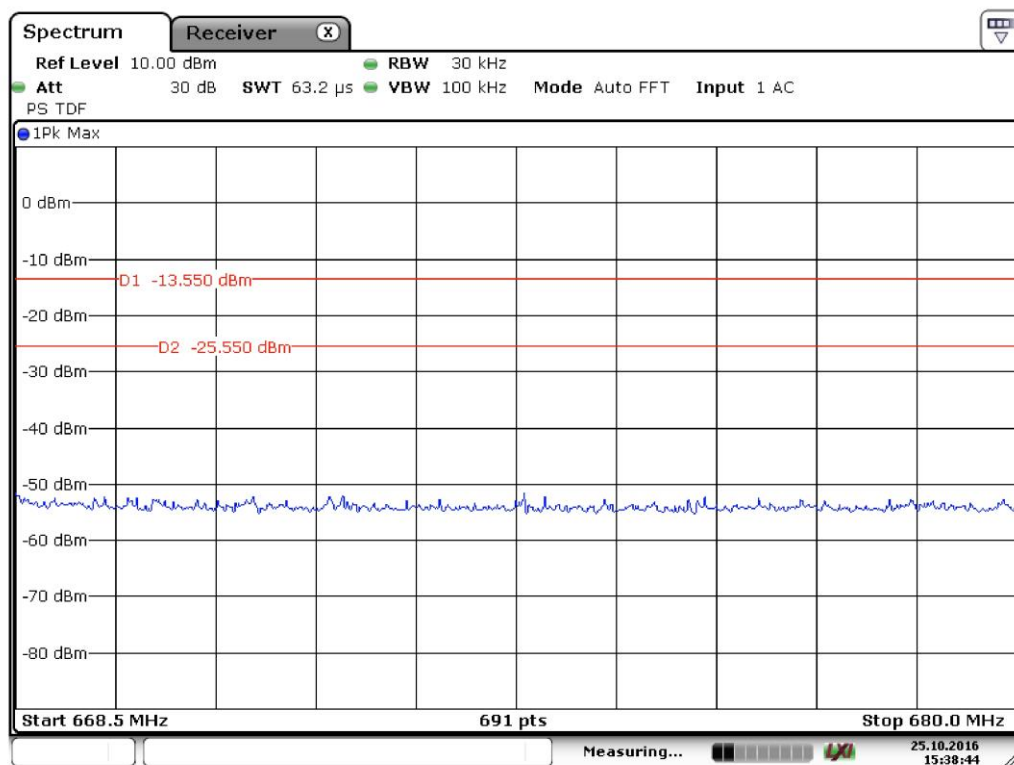
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Bertezzolo 16177932



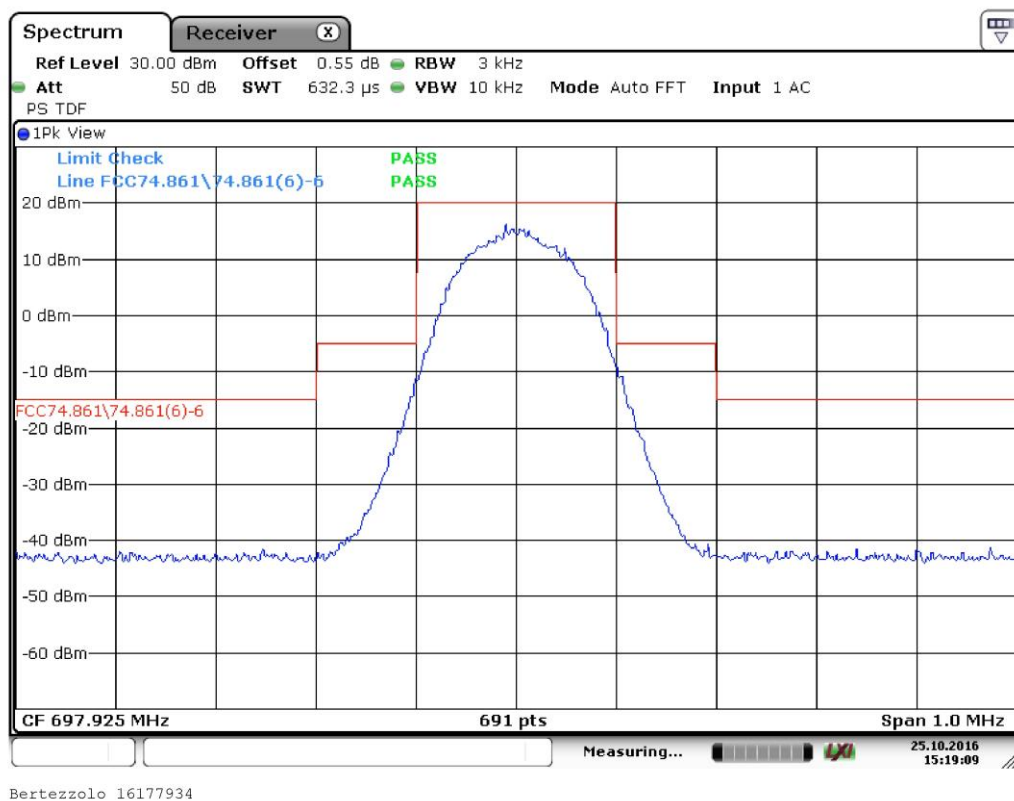
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Bertezzolo 16177933

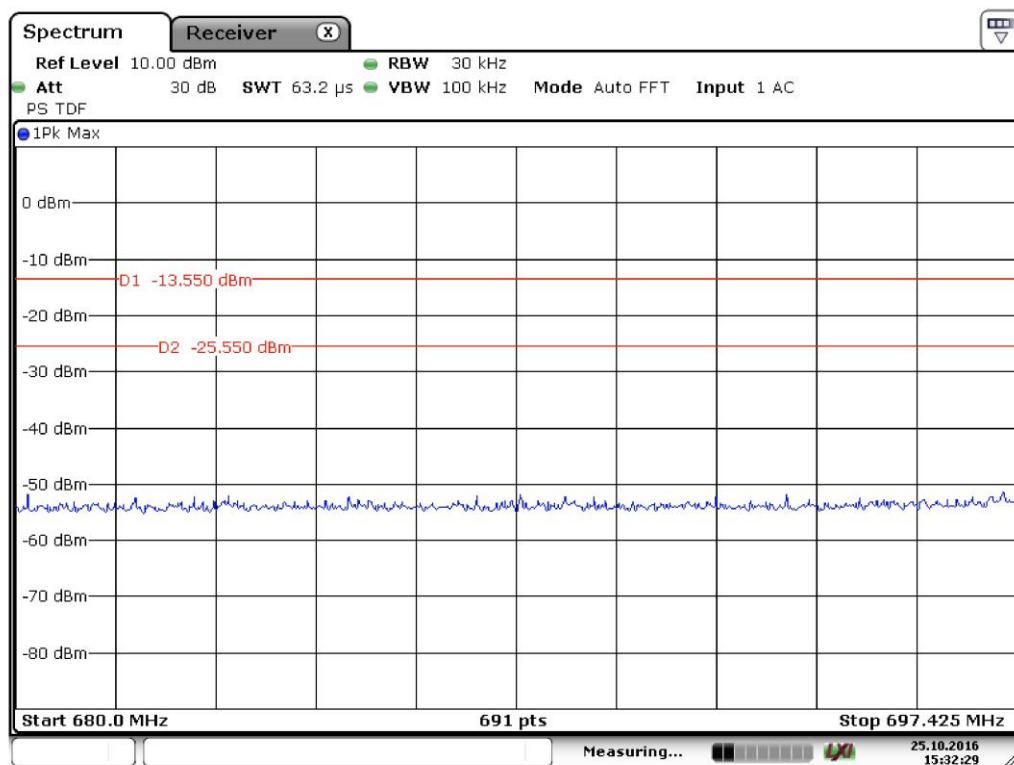


G16177934





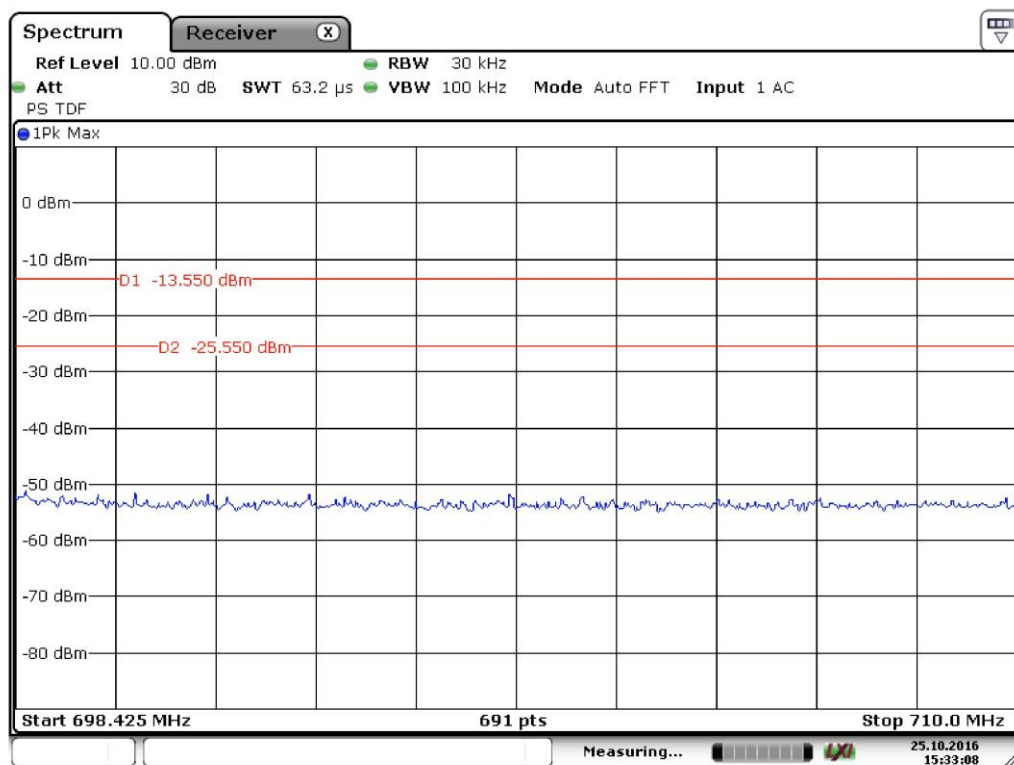
G16177935



Bertezzo 16177935



G16177936



Bertezzolo 16177936

Result: The requirements are met



11.7 Radiated Spurious (Transmitter)

Test set-up and execution

- FCC Rules and Regulation; Titles 47 Part 74.861 (e)(6)
- Internal procedure PM001
- See clause 4 of this test report

Test configuration and test method

Test site:
Semi-anechoic chamber

Auxiliary equipment:
See clause 4 of this test report

EUT exercising

See clause 4 of this test report

Test equipment used

CMC S108, CMC S127, CMC S164, CMC S271, CMC S287
Measurement uncertainty: See clause 7 of this test report

Test specification

Port: Enclosure
Antenna polarization: Horizontal (H) – Vertical (V)
EUT – Antenna distance:
10 m for frequencies ≤ 1000 MHz
3 m for frequencies > 1000 MHz
Detector AV + Peak

Environmental conditions

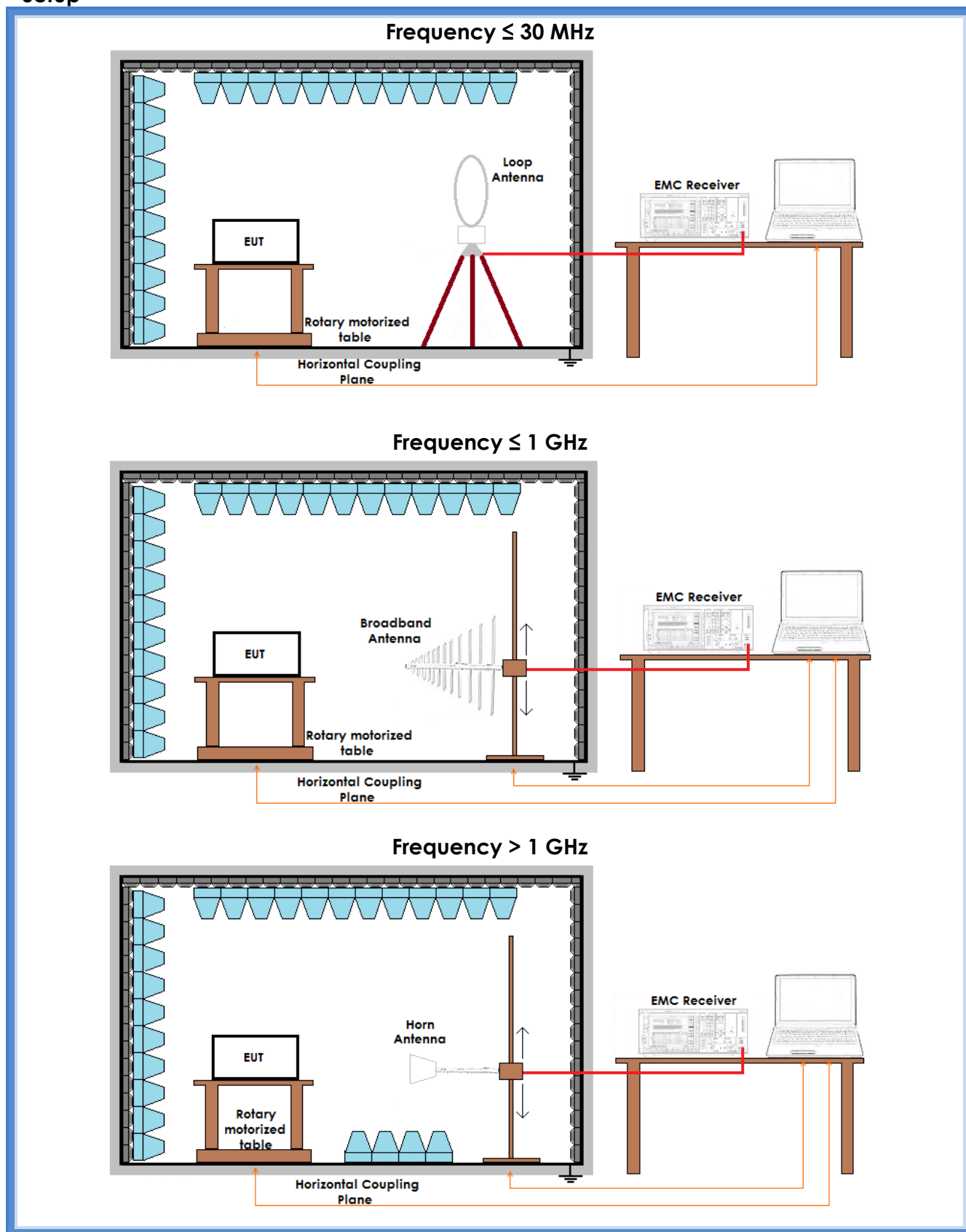
Temperature (°C)	Atmospheric pressure (kPa)	Relative humidity (%)
20	100	42

Acceptance limits

$f \pm 100$ kHz to $f \pm 200$ kHz	$f \pm 200$ kHz to $f \pm 500$ kHz	$f \pm 500$ kHz
25 dBc	35 dBc	$-43 + 10\log_{10}$ (mean output power in watts) dB below the mean output power



Setup





Result

Frequency (MHz)	Polarization	Frequency Range (MHz)	Graph(s)	Limits (dBm)	Result
470,075	Horizontal	100 – 1000	G16177956	-13,0	Complies
	Vertical	100 – 1000	G16177957	-13,0	Complies
607,925	Vertical	100 – 1000	G16177958	-13,0	Complies
	Horizontal	100 – 1000	G16177959	-13,0	Complies
614,075	Horizontal	100 – 1000	G16177960	-13,0	Complies
	Vertical	100 – 1000	G16177961	-13,0	Complies
638,000	Vertical	100 – 1000	G16177962	-13,0	Complies
	Horizontal	100 – 1000	G16177963	-13,0	Complies
668,000	Horizontal	100 – 1000	G16177964	-13,0	Complies
	Vertical	100 – 1000	G16177965	-13,0	Complies
697,925	Vertical	100 – 1000	G16177966	-13,0	Complies
	Horizontal	100 – 1000	G16177967	-13,0	Complies

Frequency (MHz)	Polarization	Frequency Range (GHz)	Graph(s)	Limits (dBm)	Result
470,075	Horizontal	1 – 7	G16177968	-13,0	Complies
697,925	Vertical	1 – 7	G16177969	-13,0	Complies
	Horizontal	1 – 7	G16177970	-13,0	Complies

Remarks: radiated spurious on frequencies above 1 GHz have been measured as worst case on the lowest and on the highest channel to demonstrate the absence of unwanted spurious



Result

Harmonic	Limits (dB μ V/m)	Level (dB μ V/m)			Results
		470,075 MHz	607,925 MHz	614,075 MHz	
II	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
III	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IV	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
V	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VI	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VII	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VIII	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IX	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
X	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values					

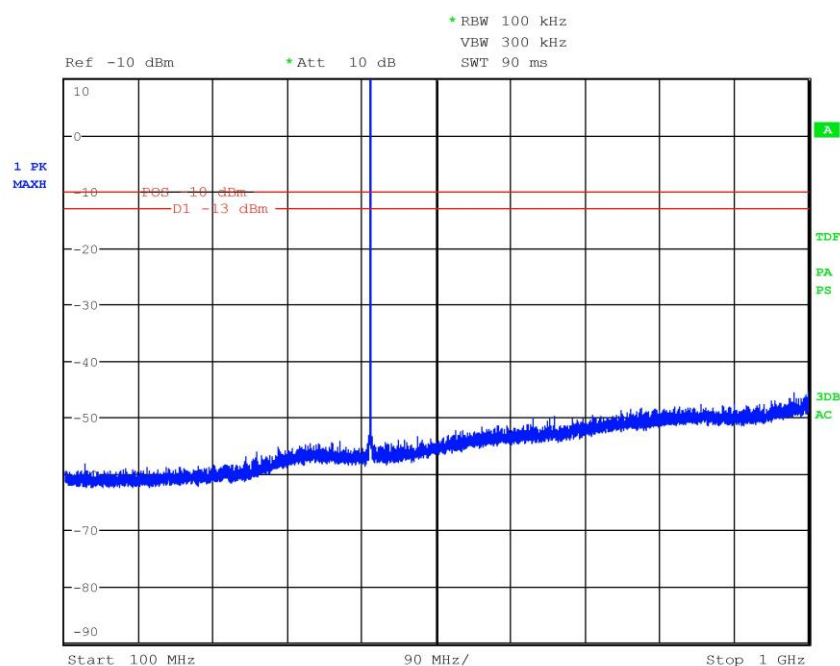
Harmonic	Limits (dB μ V/m)	Level (dB μ V/m)			Results
		638,000 MHz	668,000 MHz	697,925 MHz	
II	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
III	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IV	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
V	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VI	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VII	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
VIII	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
IX	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
X	-13,0	More than 20 dB below limit	More than 20 dB below limit	More than 20 dB below limit	Complies
Remarks: EUT was tested in 3 orthogonal planes. The results in this table show the highest values					



Graphs

G16177956

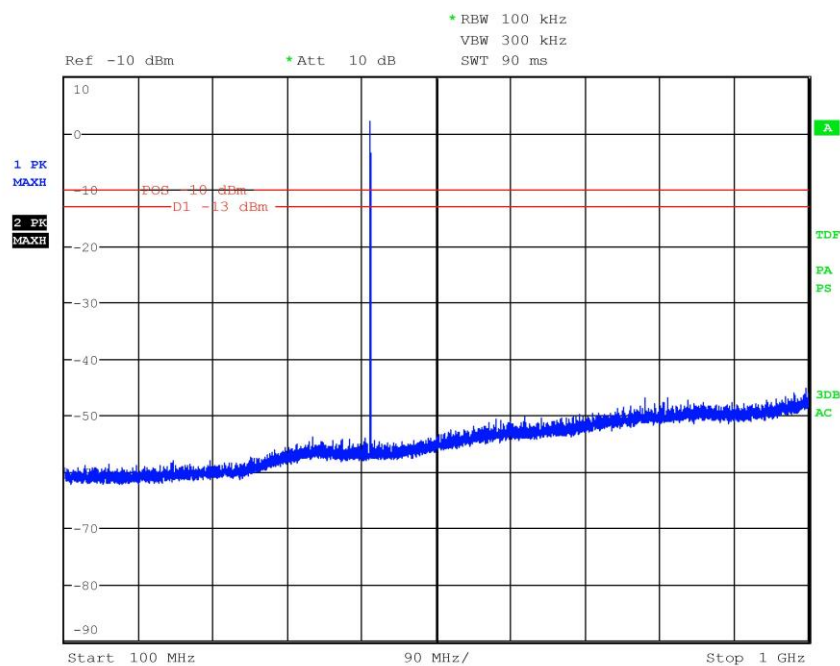
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16177956
Test Spec





G16177957

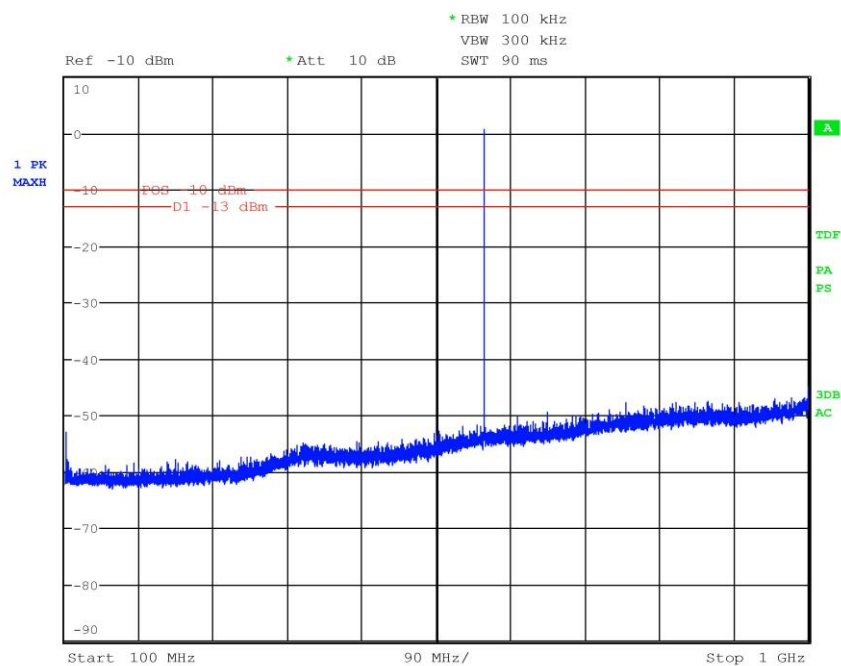
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Test Spec





G16177958

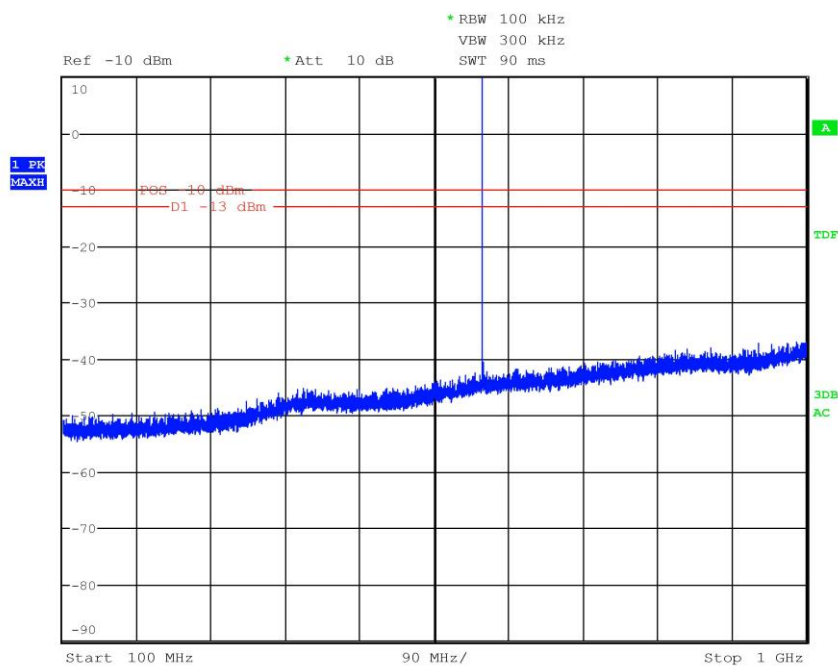
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Manufacturer
OP Condition
Operator Bertezolo 16177958
Test Spec





G16177959

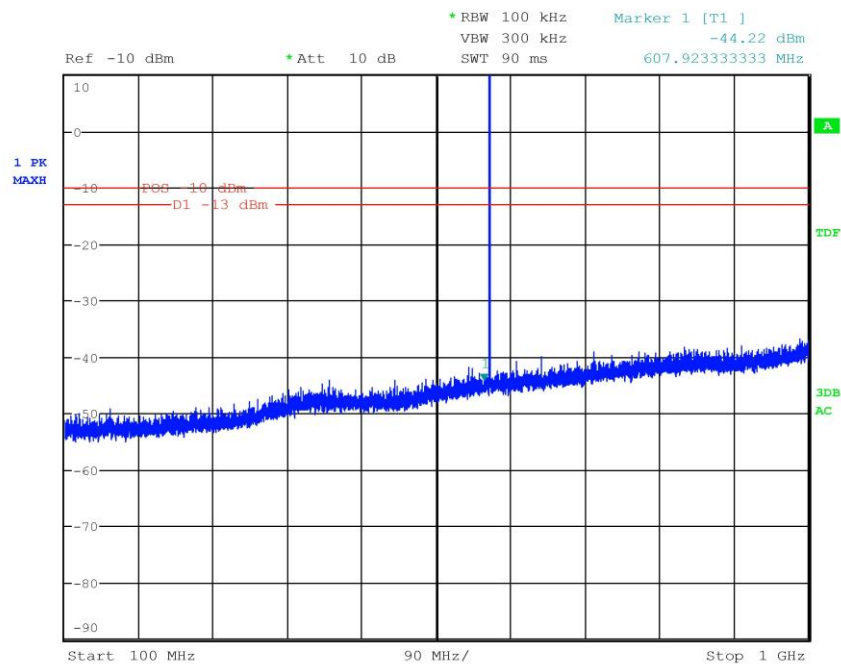
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Manufacturer
OP Condition
Operator Bertezzo 16177959
Test Spec





G16177960

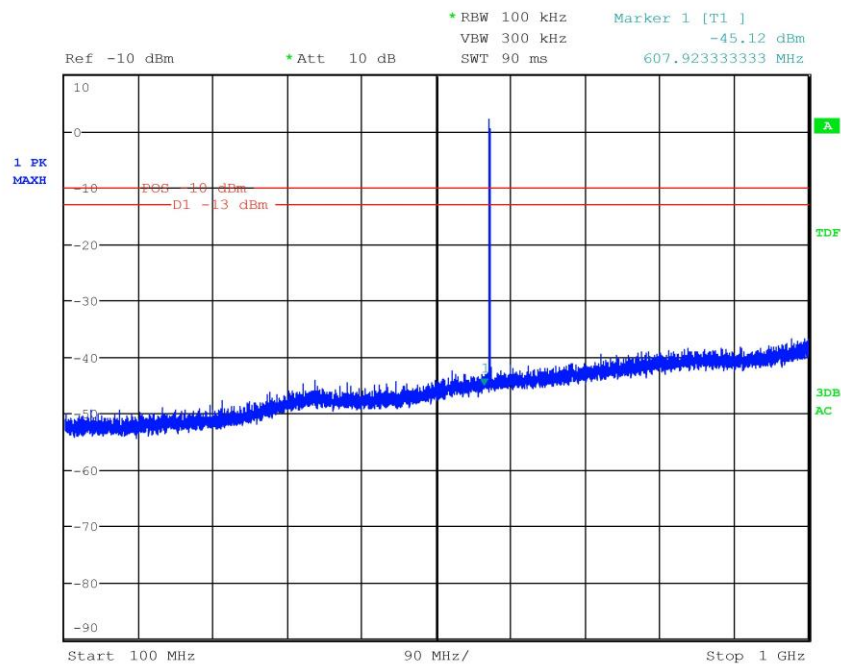
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Manufacturer
OP Condition
Operator Bertezolo 16177960
Test Spec





G16177961

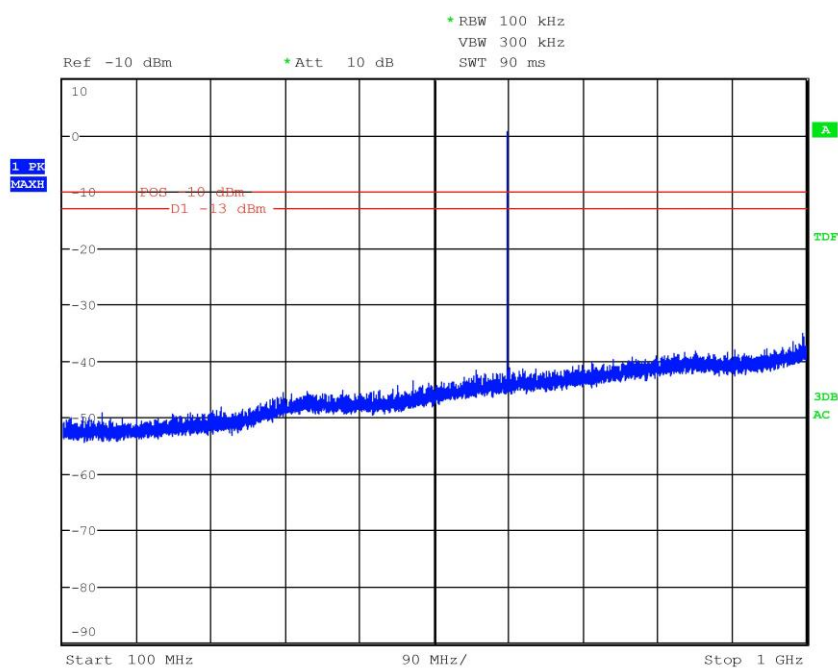
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Manufacturer
OP Condition
Operator Bertezolo 16177961
Test Spec





G16177962

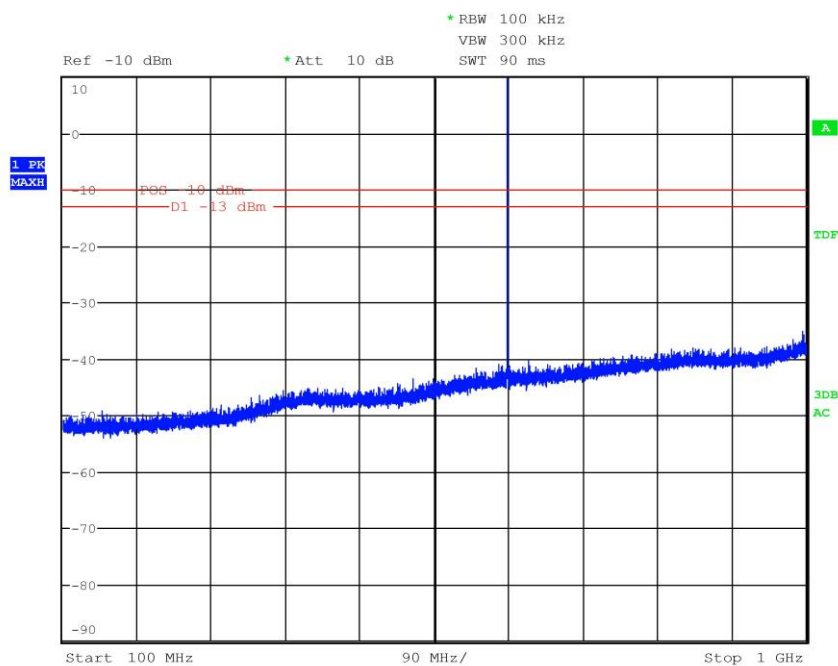
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Manufacturer
OP Condition
Operator Bertezolo 16177962
Test Spec





G16177963

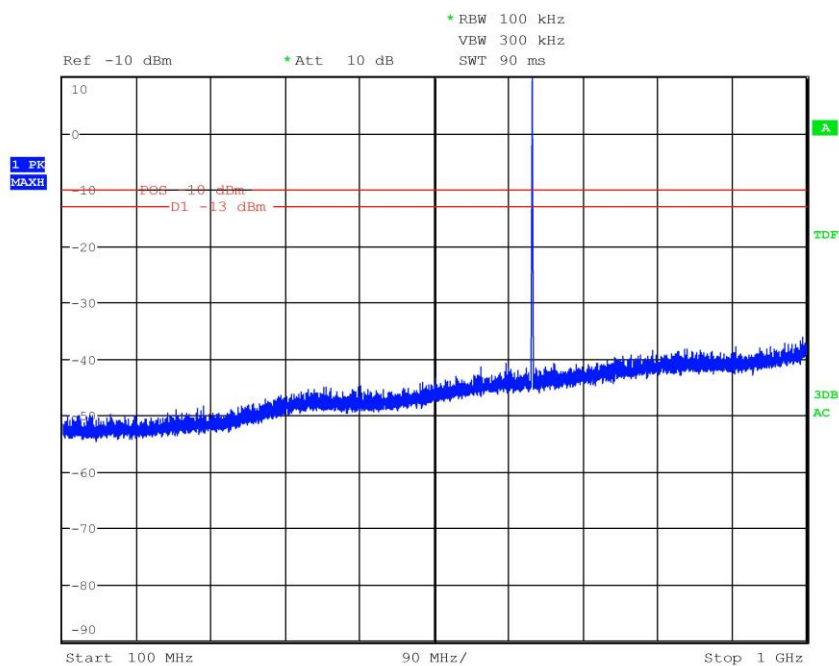
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Manufacturer
OP Condition
Operator Bertezolo 16177963
Test Spec





G16177964

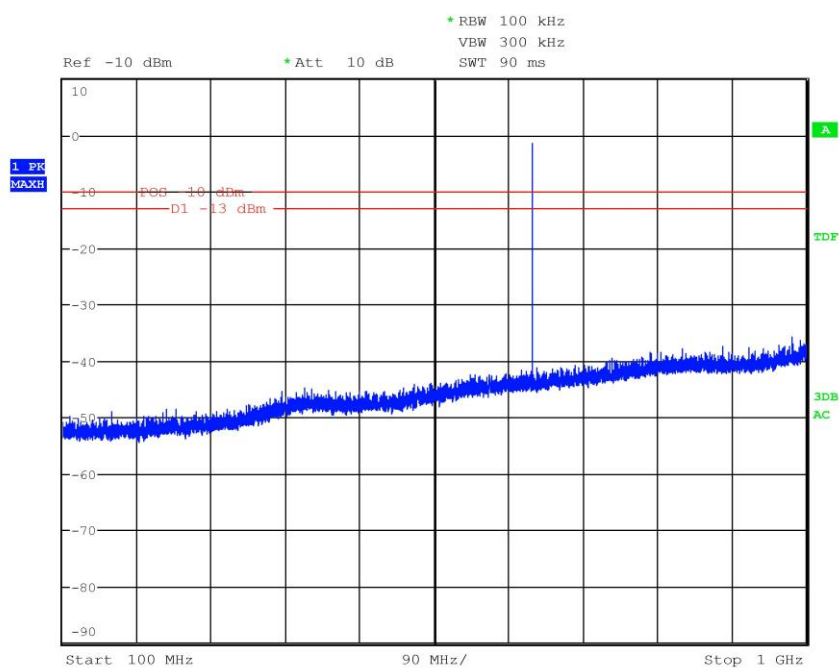
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Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16177964
Test Spec





G16177965

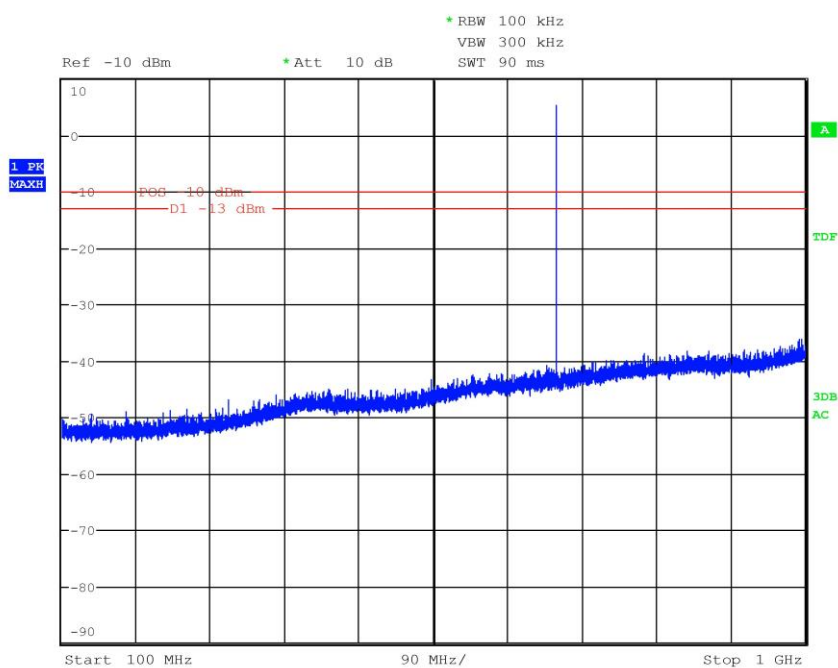
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Manufacturer
OP Condition
Operator Bertezolo 16177965
Test Spec

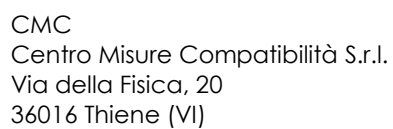




G16177966

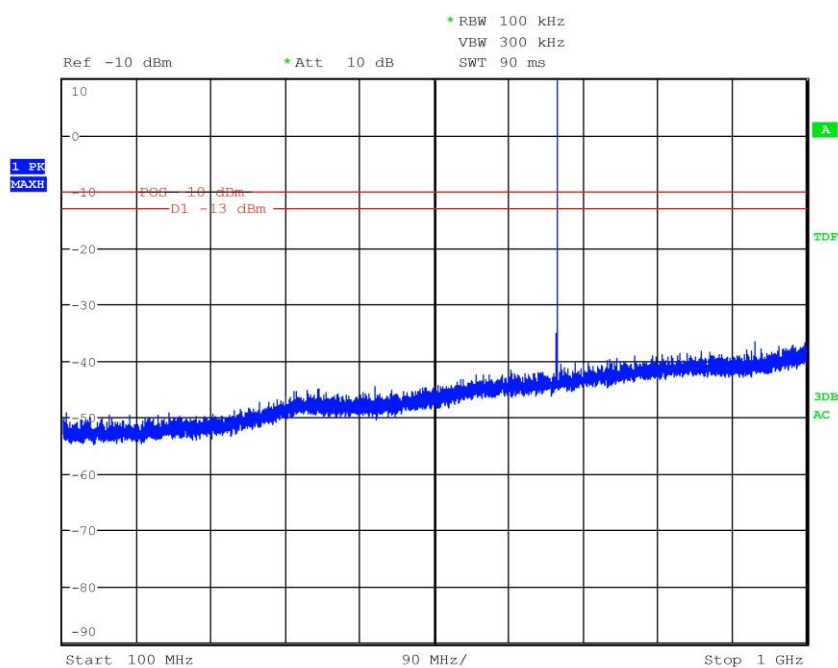
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Manufacturer
OP Condition
Operator Bertezolo 16177966
Test Spec





G16177967

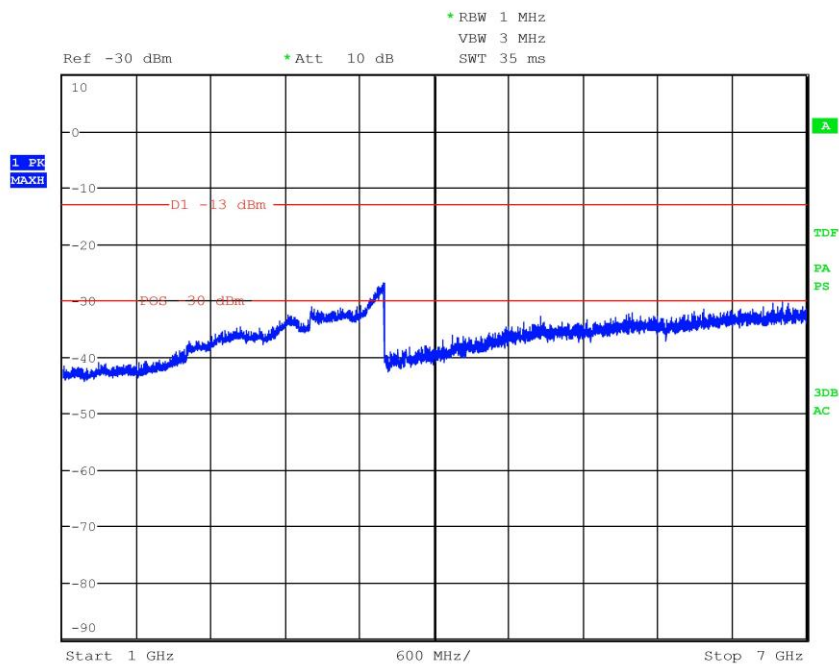
Meas Type	Emission
Equipment under Test	
Manufacturer	
OP Condition	
Operator	Bertezzo 16177967
Test Spec	





G16177968

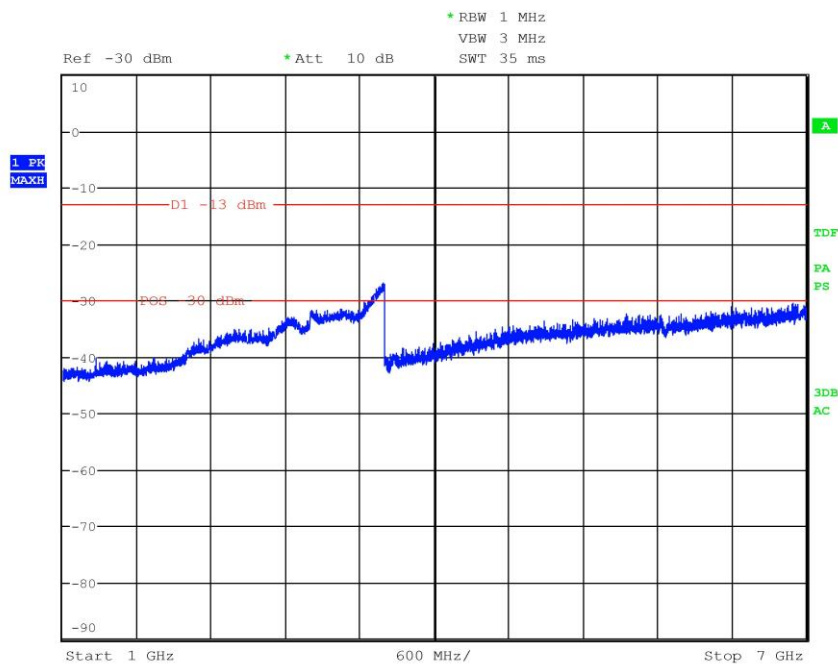
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Operator Bertezolo 16177968
Test Spec





G16177969

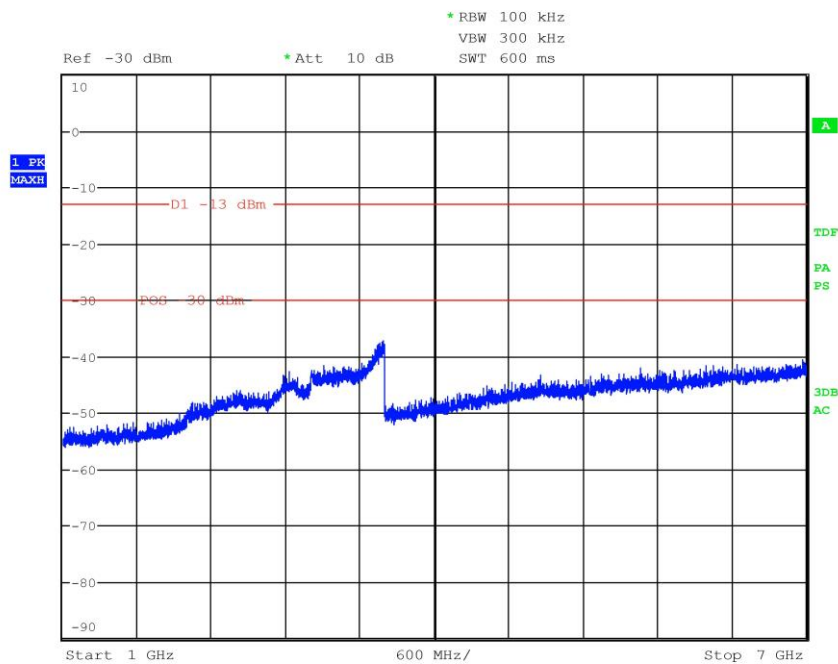
Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16177969
Test Spec





G16177970

Meas Type Emission
Equipment under Test
Manufacturer
OP Condition
Operator Bertezolo 16177970
Test Spec



Result: The requirements are met