

Spark Technology iQsim

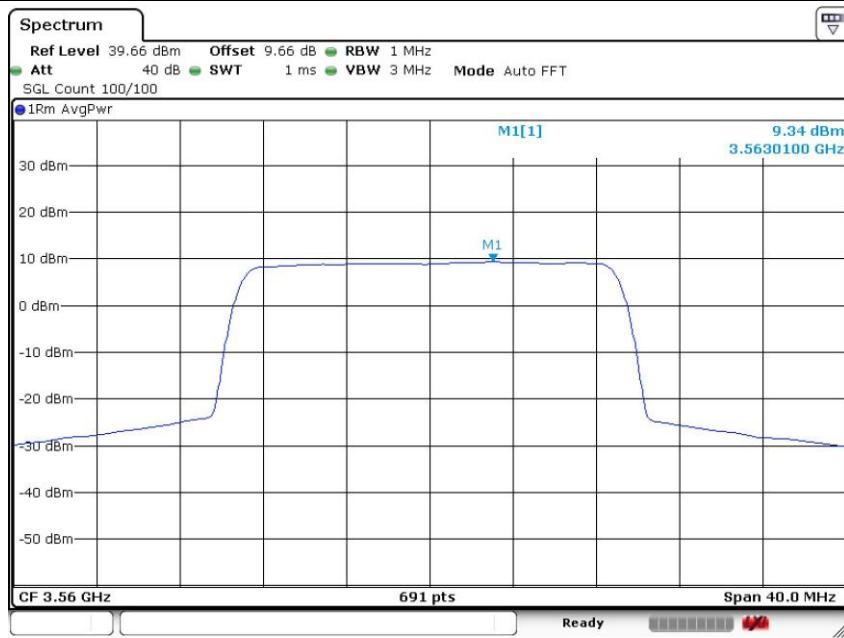
Date: Sep 7, 2023

EUT Description:	WIFI Router
Model No.:	MR40
Trade Mark:	HUASIFEI
Hardware Version:	WS1208 V2.0
Software Version:	openwrt
Power Supply:	12.0V-3.0A (DC Supply)
Transmitter Frequency Band:	LTE Band 48
Transmitter Frequency Range:	3550 to 3700 MHz
FCC ID	2BCEZ-MR40
Standards	47 CFR Part 96.47

End User Device additional requirement

[Step 1] Setup with frequency 3550-3570MHz and power level 20dBm/MHz

[Step 3] Check EUD Tx Frequency and power

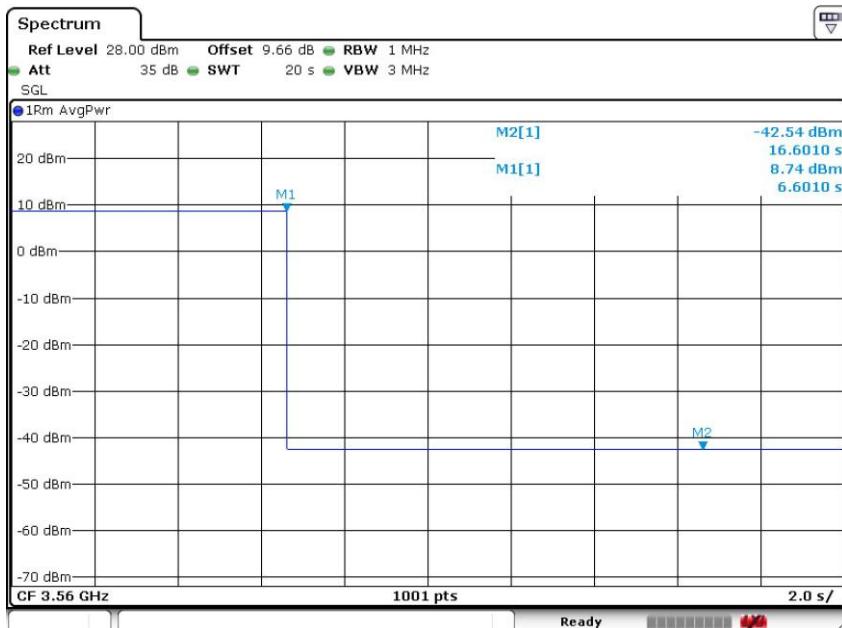


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EIRP PSD=9.34-4.92+2=6.42dBm/MHz, Antenna gain is -4.92dBi, the pass loss is 2.0dB

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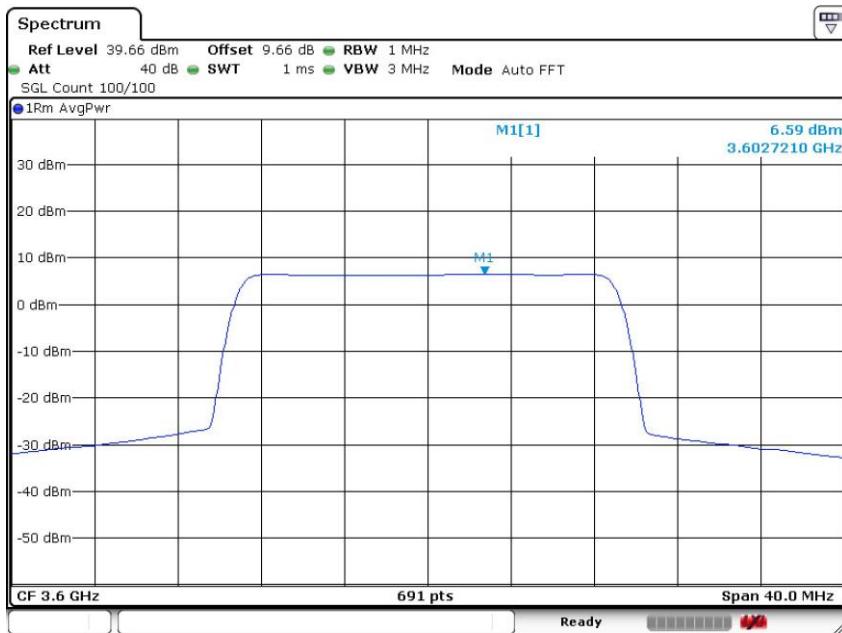
[Step 5] EUD stops transmission within 10 seconds of receiving instructions from its associated CBSD.



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[Step 6] Setup with 3590-3610MHz & power level 8dBm/MHz

[Step 8] Check EUD Tx Frequency and power

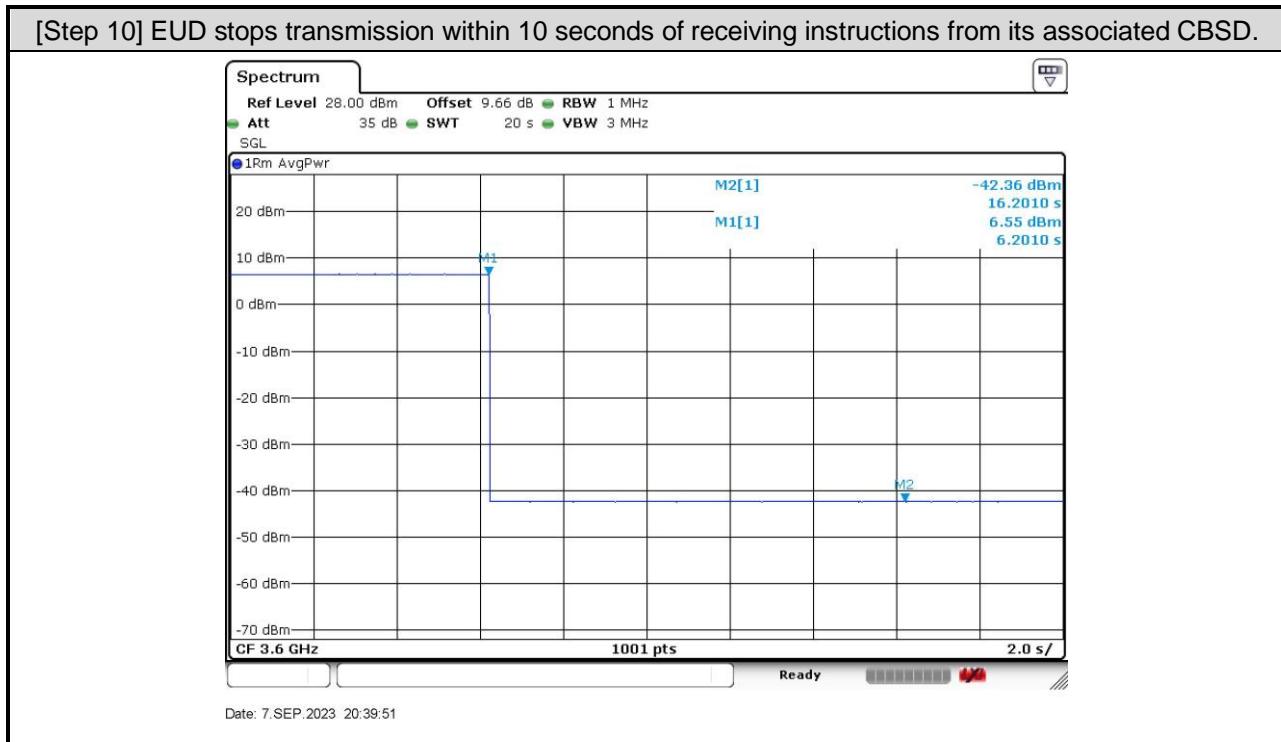


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EIRP PSD=6.59-4.92+2=3.67dBm/MHz, Antenna gain is -4.92dBi, the pass loss is 2.0dB

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[Step 10] EUD stops transmission within 10 seconds of receiving instructions from its associated CBSD.



The WIFI router device was tested by connecting to the base station mBS31001 (FCC ID: 2AG32MBS3100196N) and the results met the End User Device additional requirement in FCC Part 96.47

Signature:

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