

RF Exposure report

The following samples were submitted and identified on behalf of the client as:

Product Name Notebook Computer
Brand Name HP
Model No. HSN-I62C
Applicant HP Inc.
1501 Page Mill Road, Palo Alto CA 94304 USA
Standards IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID B94HNI62KLR
Date of EUT Receipt Dec. 02, 2024
Date of Test(s) Dec. 19, 2024 ~ Jan. 07, 2025
Date of Issue Jan. 20, 2025

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Signed on behalf of SGS

Clerk / Cindy Chou	PM / Afu Chen	Approved By / John Yeh
Cindy Chou	afu Chen	John Yeh

Date: Jan. 20, 2025

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2412000854EN	00	Initial creation of document	Jan. 20, 2025	Cindy Chou	

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.

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1 GENERAL CONDITIONS, COMPETENCES AND GUARANTEES

1.1 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road, Neihu District, Taipei City, 11493, Taiwan.	SAR 2	TW0029	TW3702
		SAR 6		
		SAR 8		
	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan	SAR 1	TW0028	
		SAR 4		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	SAR 3	TW0027	
		SAR 7		

Note: Test site name is remarked on a bolded mark as an indication where measurements occurred in specific test site and address.

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2 EUT FEATURES

EUT Description	Notebook Computer	
Brand Name	HP	
Model No.	HSN-I62C	
FCC ID	B94HNI62KLR	
Integrated WWAN Module	Brand Name: Rolling Wireless Model Name: RW350R-GL	
Supported radios (TX Frequency Range, MHz)	WCDMA Band II	1850-1910
	WCDMA Band IV	1710-1755
	WCDMA Band V	824-849
	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 5	824-849
	LTE FDD Band 7	2500-2570
	LTE FDD Band 12	699-716
	LTE FDD Band 13	777-787
	LTE FDD Band 14	788-798
	LTE FDD Band 17	704-716
	LTE FDD Band 25	1850-1915
	LTE FDD Band 26	814-849
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38 Power Class 2/3	2570-2620
	LTE TDD Band 41 Power Class 2/3	2496-2690
	LTE TDD Band 42 Power Class 2/3	3400-3600
	LTE TDD Band 43	3600-3800
	LTE TDD Band 48 Power Class 2/3	3550-3700
	LTE FDD Band 66	1710-1780

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Supported radios (TX Frequency Range, MHz)	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n14	788-798
	n25	1850-1915
	n26	814-849
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n71	663-698
	n77	3700-3980
	n78	3300-3800

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3 REMARKS AND COMMENTS

1. The test report is a validation of the FCC TAS algorithm

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4 TEST SETUP DESCRIPTION

4.1 Measurement System

The conducted power measurement test setup is described in the following and illustrated in Figure 1

- The DUT is a RW350R-GL Cellular Modem installed inside HP model HSN-I62C Convertible PC.
- The control PC is used to configure the call box to send power control test sequences to the RW350R-GL
- Uplink signal power is monitored by the spectrum analyzer and recorded by the PC with a time resolution of 25 msec which is substantially less than the power adjustment interval (Avg_SAR_Check_Period) of 0.05 sec used for RW350R-GL.
- The values of Avg_SAR_Power are read from the RW350R-GL by the PC at each Avg_SAR_Check_Period
- In addition to power results, the time sequence of power control commands and power samples are also recorded by the PC to enable results to be correlated and plotted. Uplink signal from the RW350R-GL is fed through a 3 dB power splitter, which delivers an equal amount of signal to the spectrum analyser and the call box. The splitter has high isolation between the spectrum analyser and the call box. Due to different uplink/downlink frequencies and the zero span time-domain measurement used, interference of uplink and downlink signals are avoided.
- Path loss in the power measurement setup from the RW350R-GL main antenna port to either the call box or the spectrum analyser is taken into account

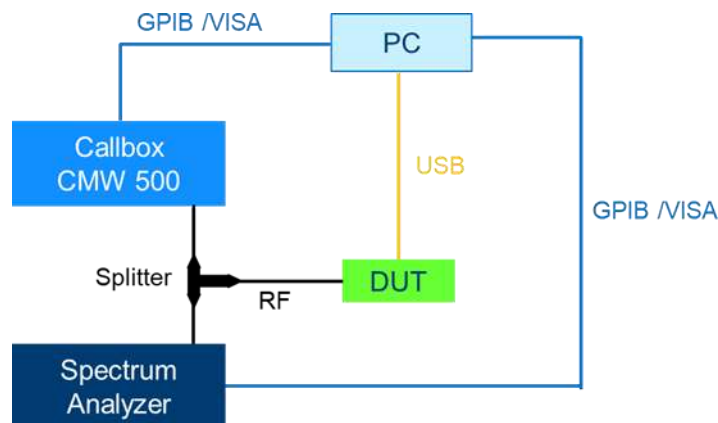


Figure 4-1 - Test Setup

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4.2 Instruments List

The Equipments used for the conducted power measurement test setup are listed in Table below.

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
R&S	Communication Tester	CMW500	125470	May/17/2024	May/16/2025
R&S	Communication Tester	CMX500	100234	Aug/12/2024	Aug/11/2025
R&S	Spectrum Analyzer	FSV 44	101487	Apr/09/2024	Apr/08/2025

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5 TEST RESULTS

5.1 Summary of Test Cases

The following table lists the types of TAS algorithm validation tests performed and the corresponding Tables describing the test configurations and validation results.

Validation type	RAT	Configurations	Results	Verdict
Bands Validation	NR	Table 6-1	Section 6.2	Pass
Bands Validation	LTE	Table 6-2	Section 6.3	Pass
Bands Validation	WCDMA	Table 6-3	Section 6.4	Pass
Time Varying Test Sequence	NR	Table 6-4	Section 6.5	Pass
Time Varying Test Sequence	LTE	Table 6-5	Section 6.6	Pass
Time Varying Test Sequence	WCDMA	Table 6-6	Section 6.7	Pass
Handover	LTE-LTE	Table 6-7	Section 6.8	Pass
Handover	LTE-WCDMA	Table 6-8	Section 6.9	Pass
Call Drop and Reboot	NR	Table 6-9	Section 6.10	Pass
Call Drop and Reboot	LTE	Table 6-10	Section 6.11	Pass

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5.2 Bands Validation - NR

Table 5-1 - Test Cases for Bands Compliance of NR bands

Case	RAT	Band	Max_Power_ DPR_OFF_ dBm	Roll_ Period_s	Check_ Period_s	Avg_SAR_ UppThresh_ dBm	Avg_SAR_ LowThresh_ dBm	Max_Power_ DPR_ON_ dBm
1	NR	2	23.00	100	1	15.00	14.00	13.00
2	NR	5	23.00	100	1	17.50	16.50	15.50
3	NR	7	23.00	100	1	16.50	15.50	14.50
4	NR	12	23.00	100	1	17.50	16.50	15.50
5	NR	14	23.00	100	1	17.50	16.50	15.50
6	NR	25	23.00	100	1	17.50	16.50	15.50
7	NR	26	23.00	100	1	17.50	16.50	15.50
8	NR	30	22.00	100	1	17.00	16.00	15.00
9	NR	38	23.00	100	1	17.00	16.00	15.00
10	NR	41	26.00	100	1	16.00	15.00	14.00
11	NR	48	21.00	100	1	14.50	13.50	12.50
12	NR	66	23.00	100	1	16.00	15.00	14.00
13	NR	71	23.00	100	1	13.00	12.00	11.00
14	NR	77	26.00	100	1	14.00	13.00	12.00
15	NR	78	26.00	100	1	14.00	13.00	12.00

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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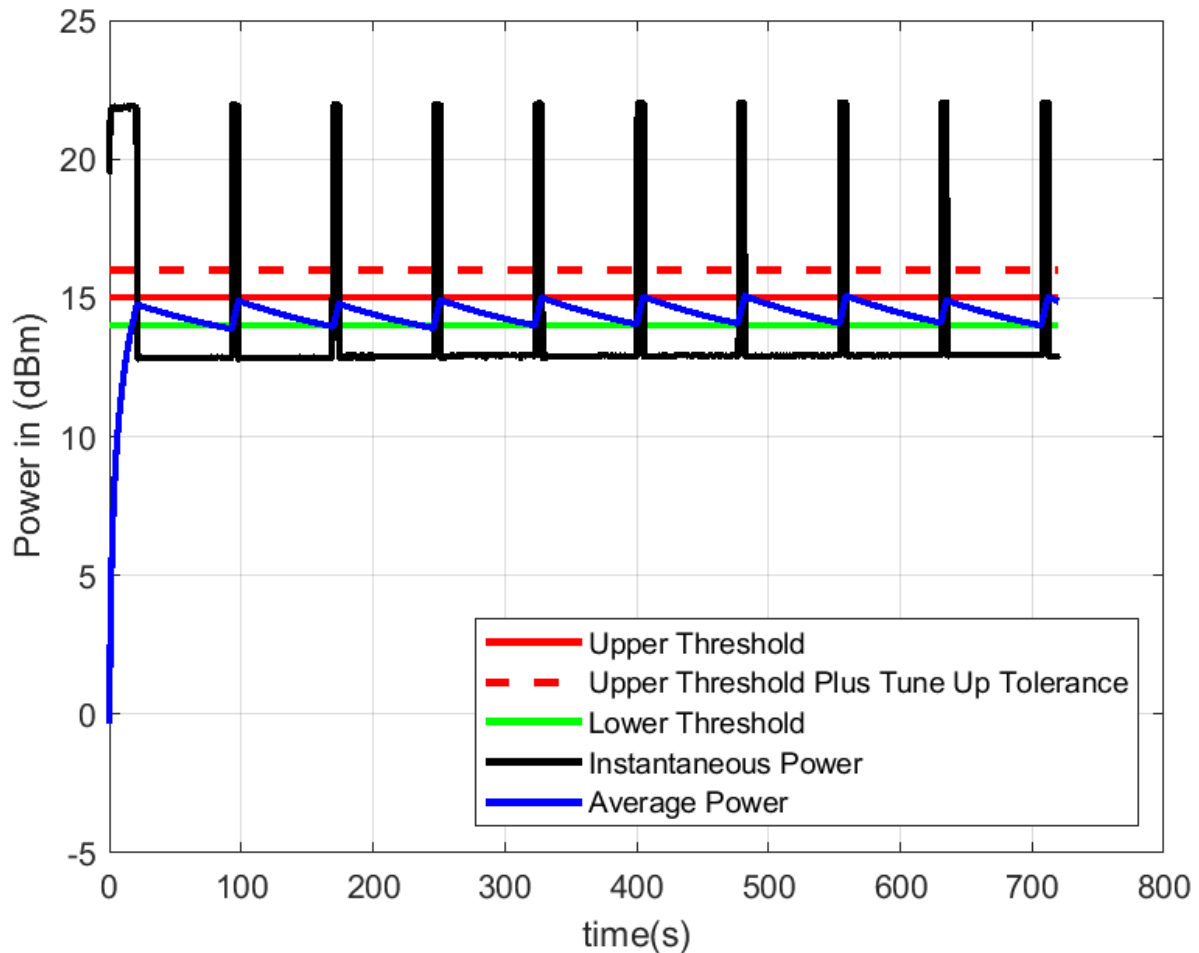
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Case 1: NR Band 2 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
15.00	14.00	13.00



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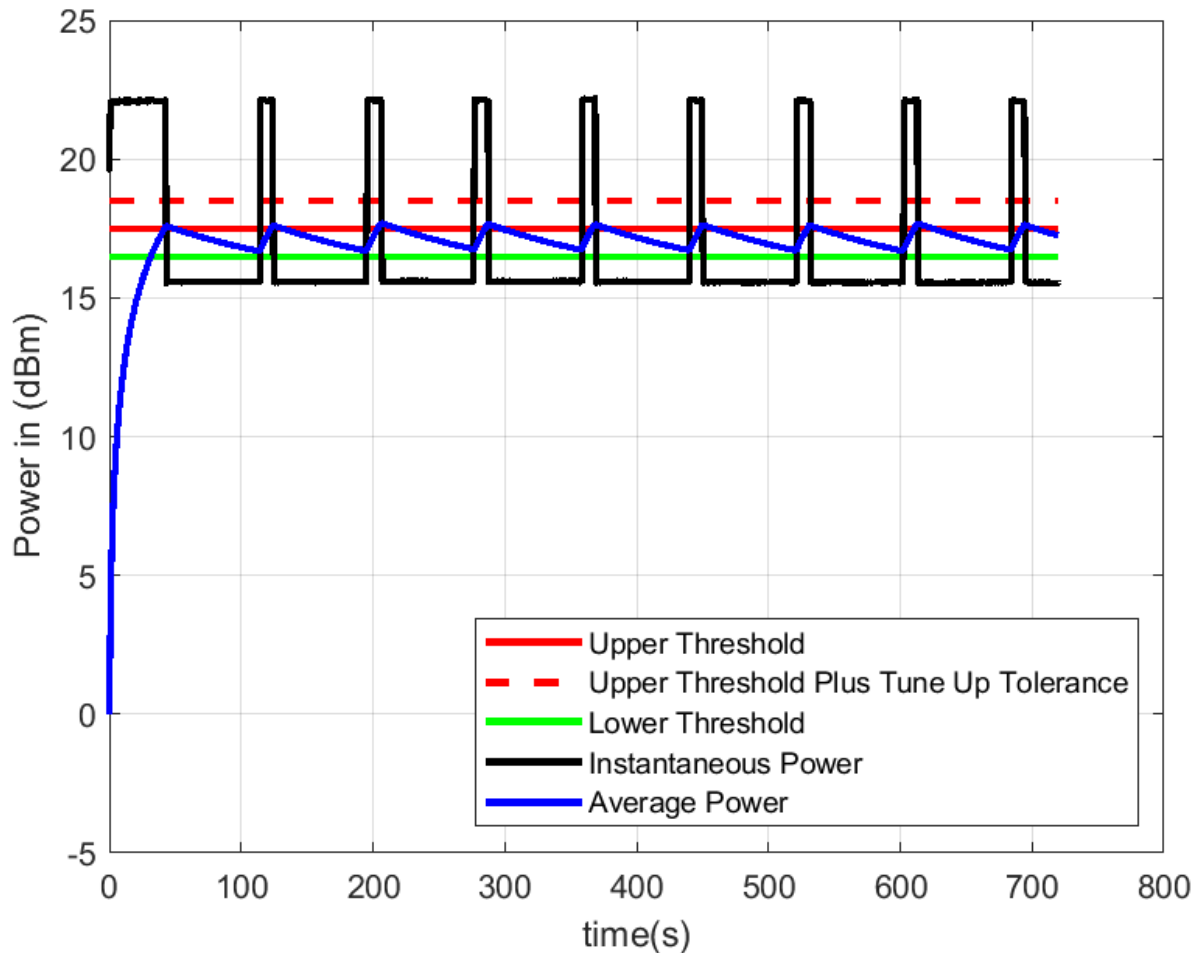
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Case 2: NR Band 5 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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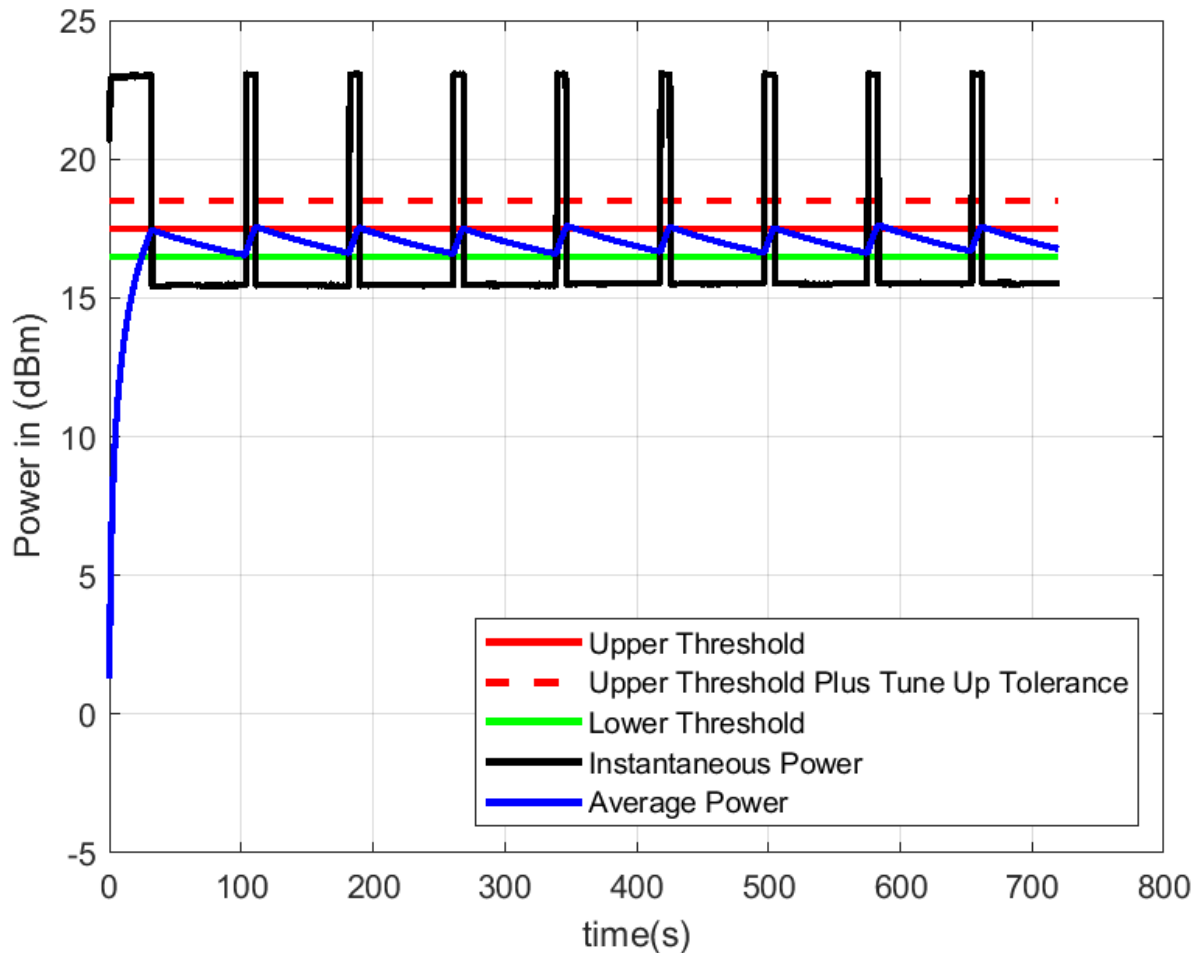
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Case 3: NR Band 7 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.50	15.50	14.50



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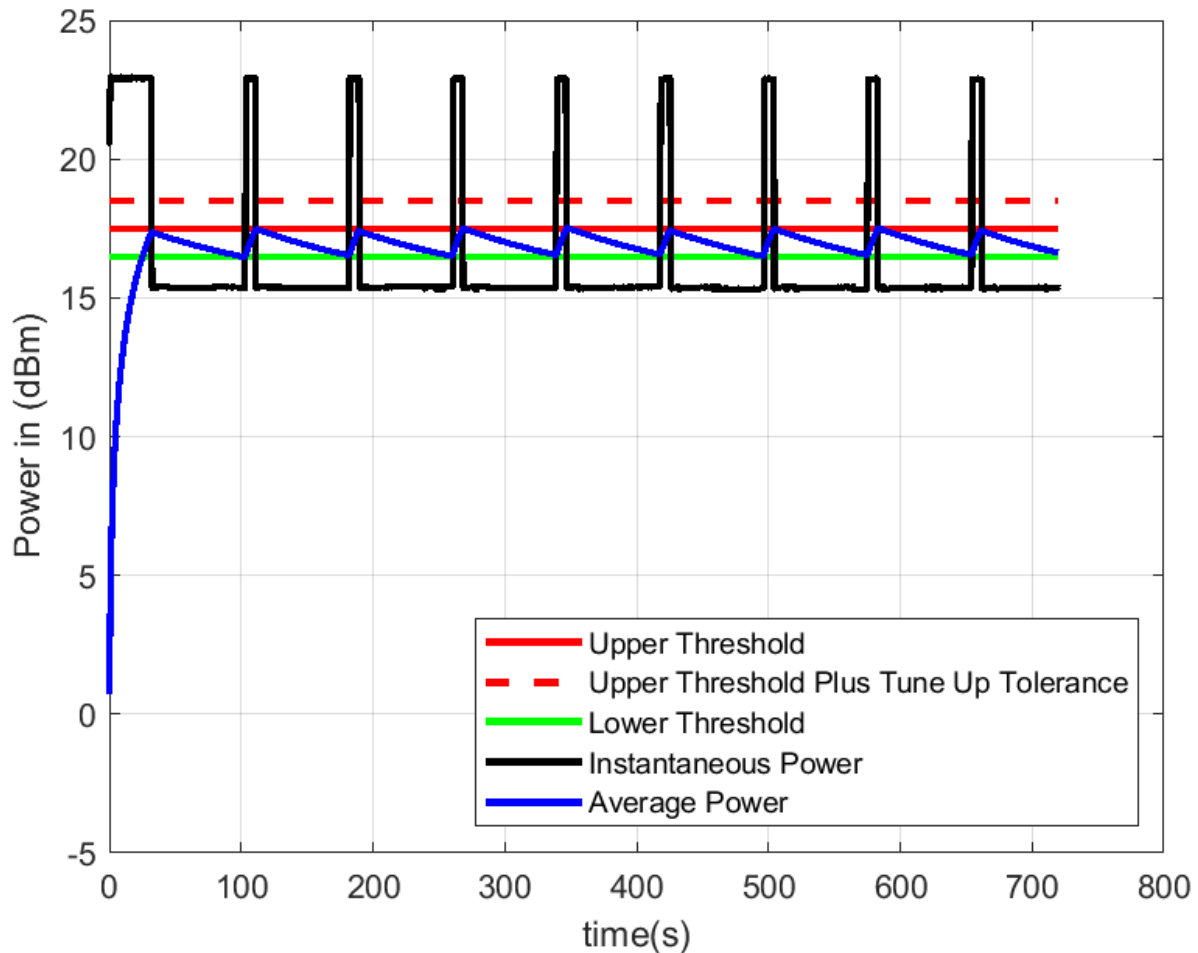
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Case 4: NR Band 12 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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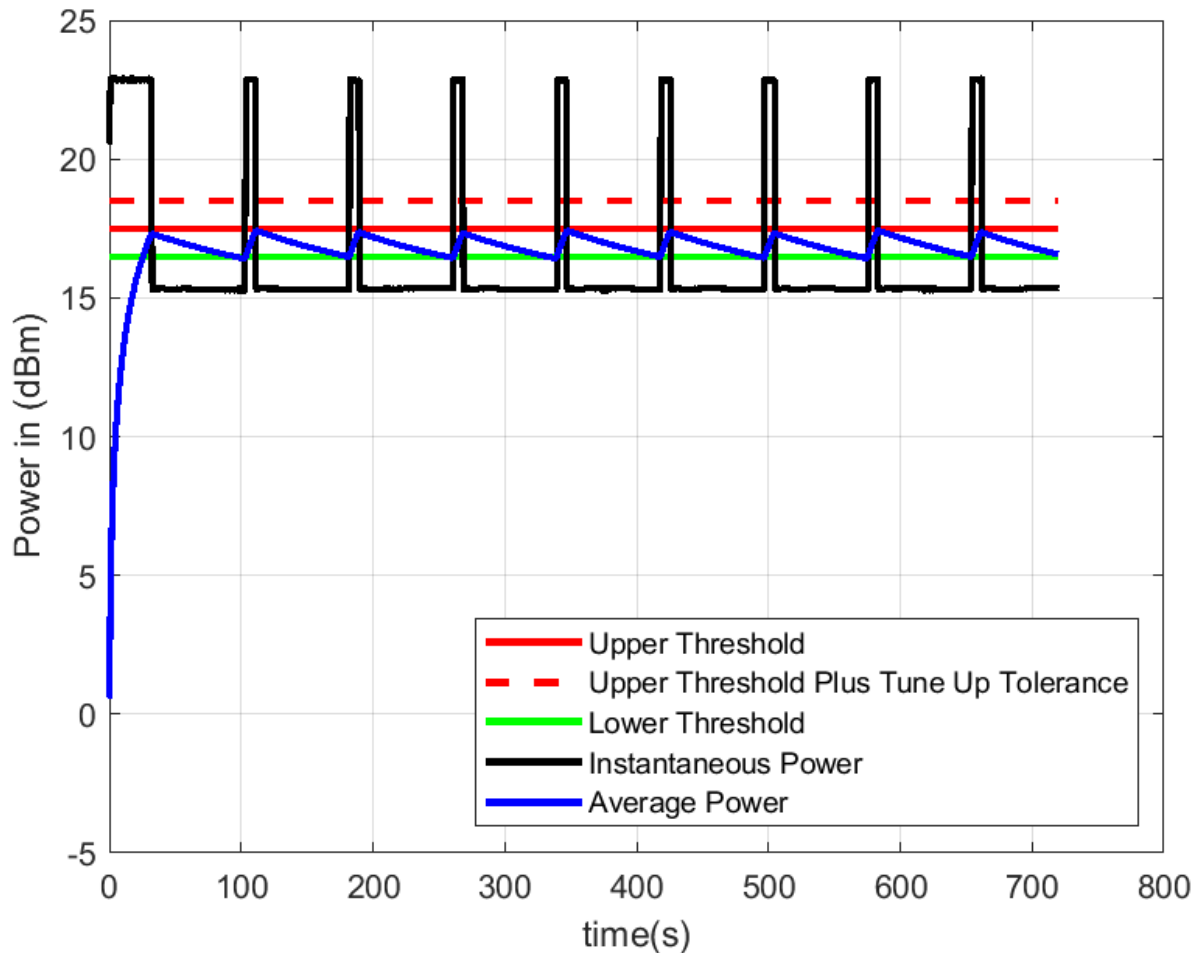
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Case 5: NR Band 14 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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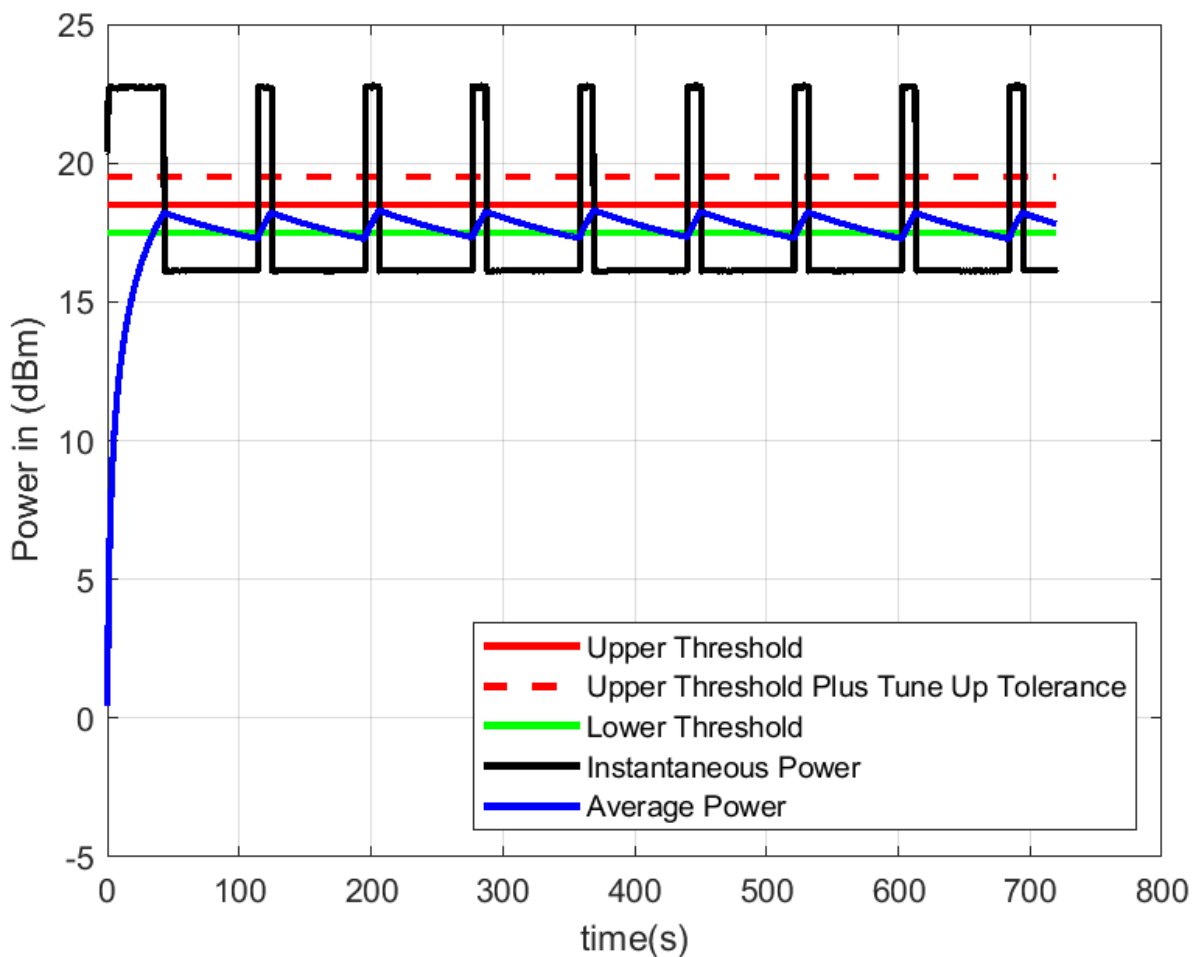
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Case 6: NR Band 25 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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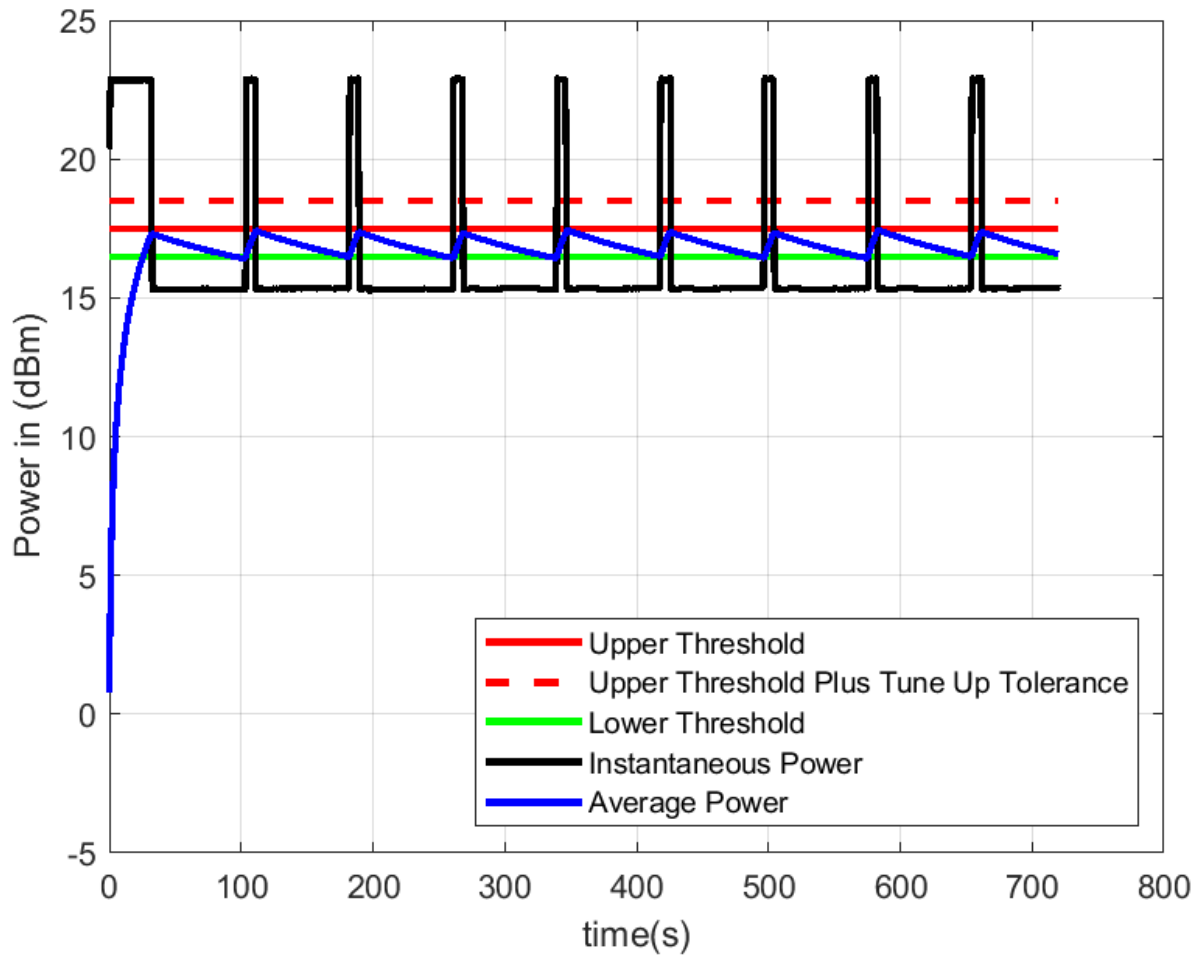
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Case 7: NR Band 26 – Max Power 26 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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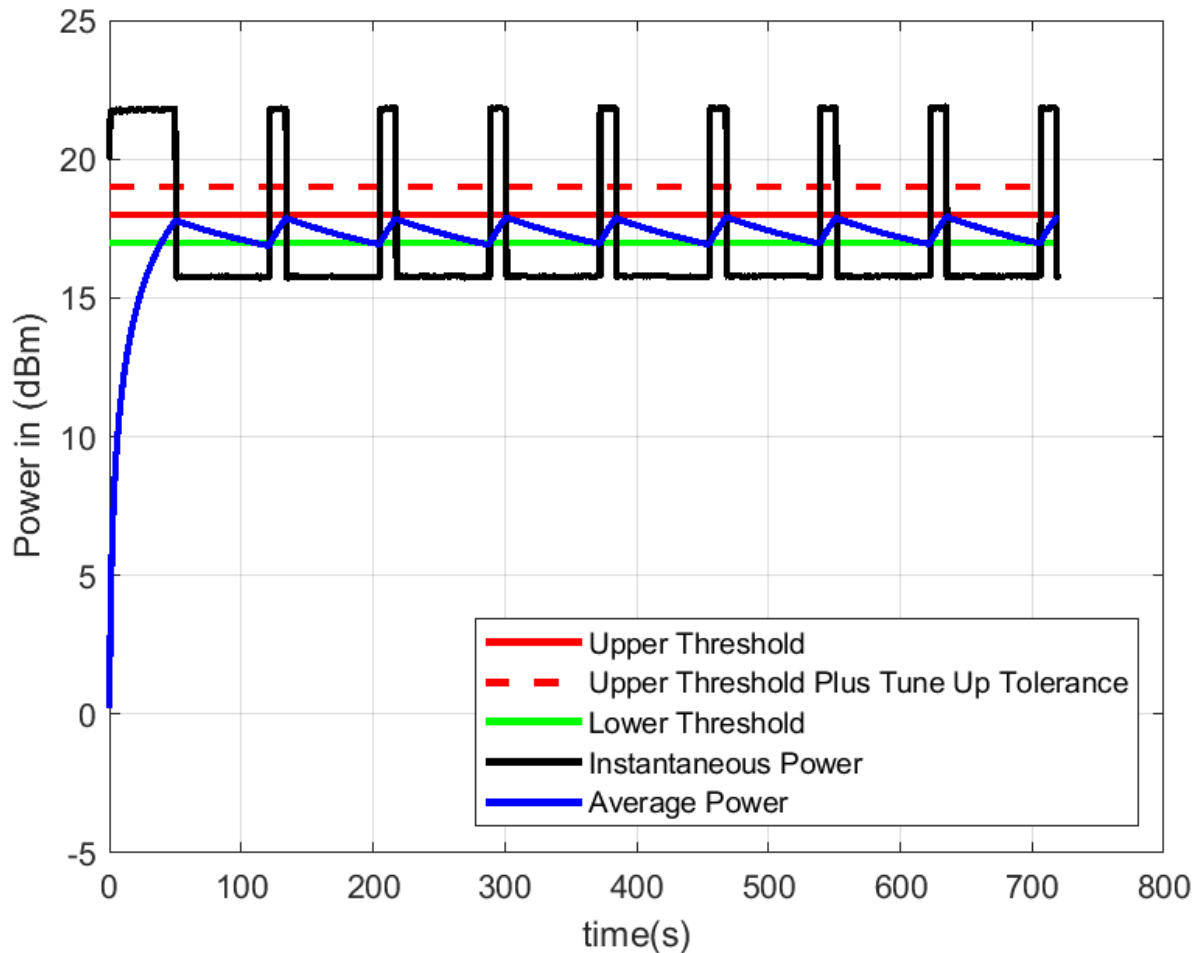
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Case 8: NR Band 30 – Max Power 22 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.00	16.00	15.00



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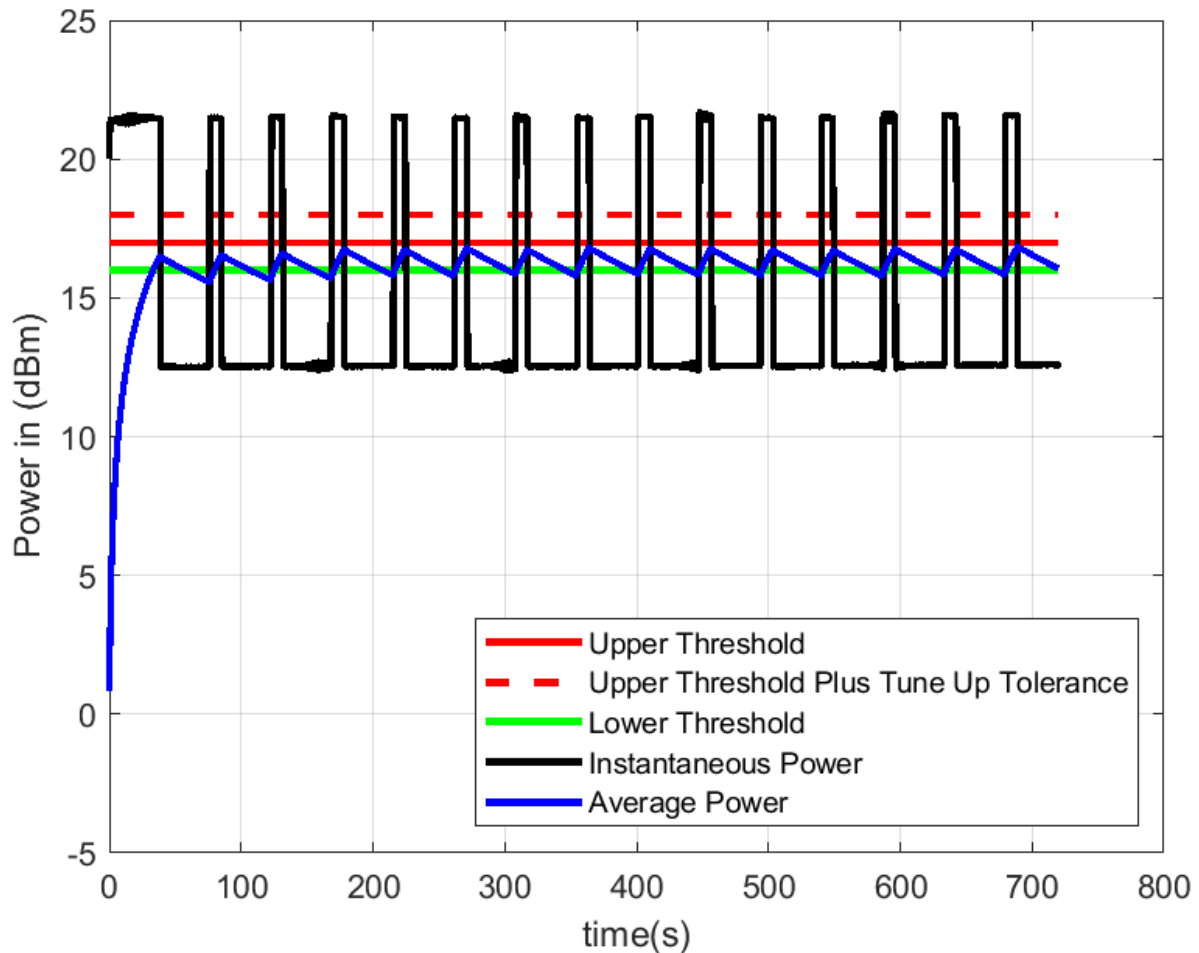
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Case 9: NR Band 38 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.00	16.00	15.00



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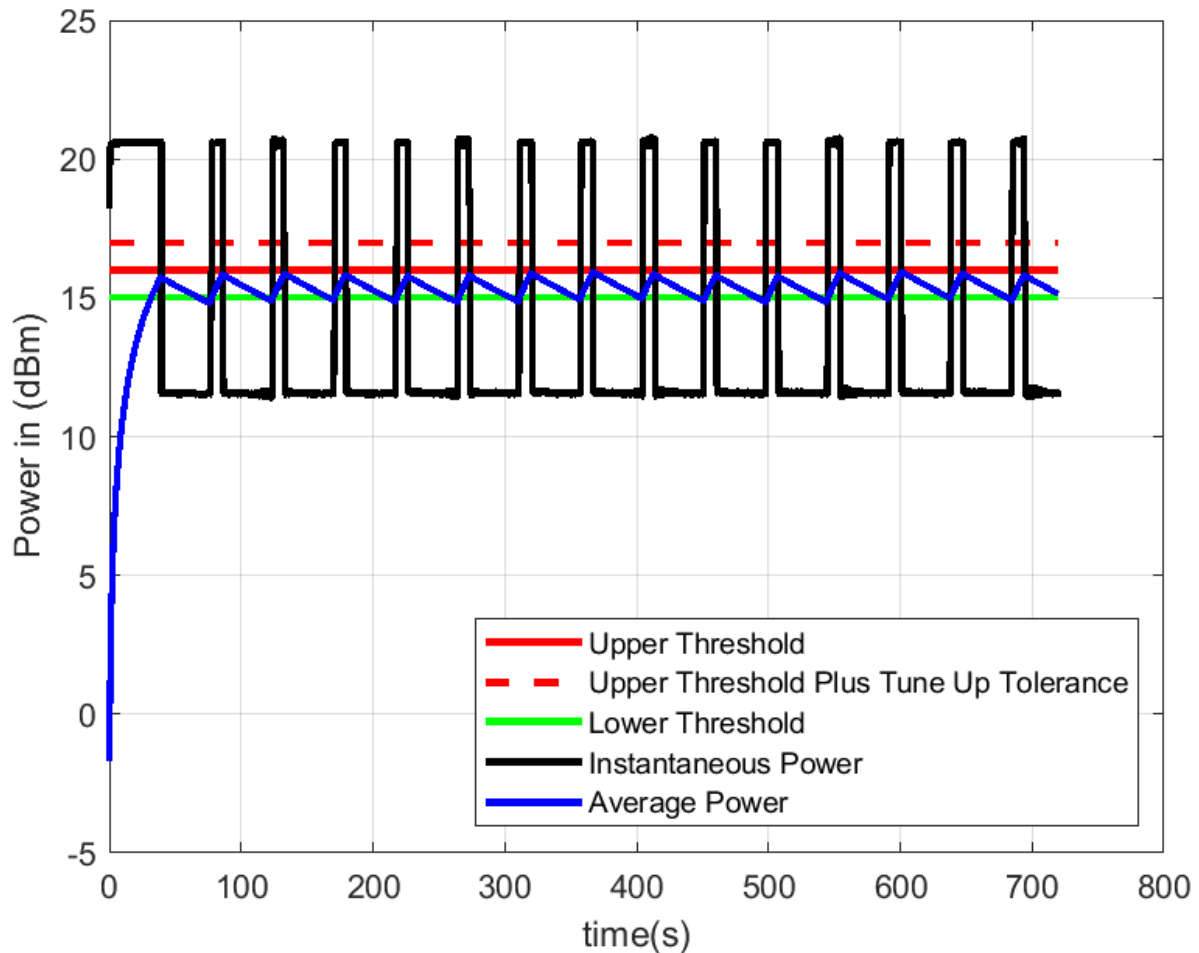
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Case 10: NR Band 41 – Max Power 26 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.00	15.00	14.00



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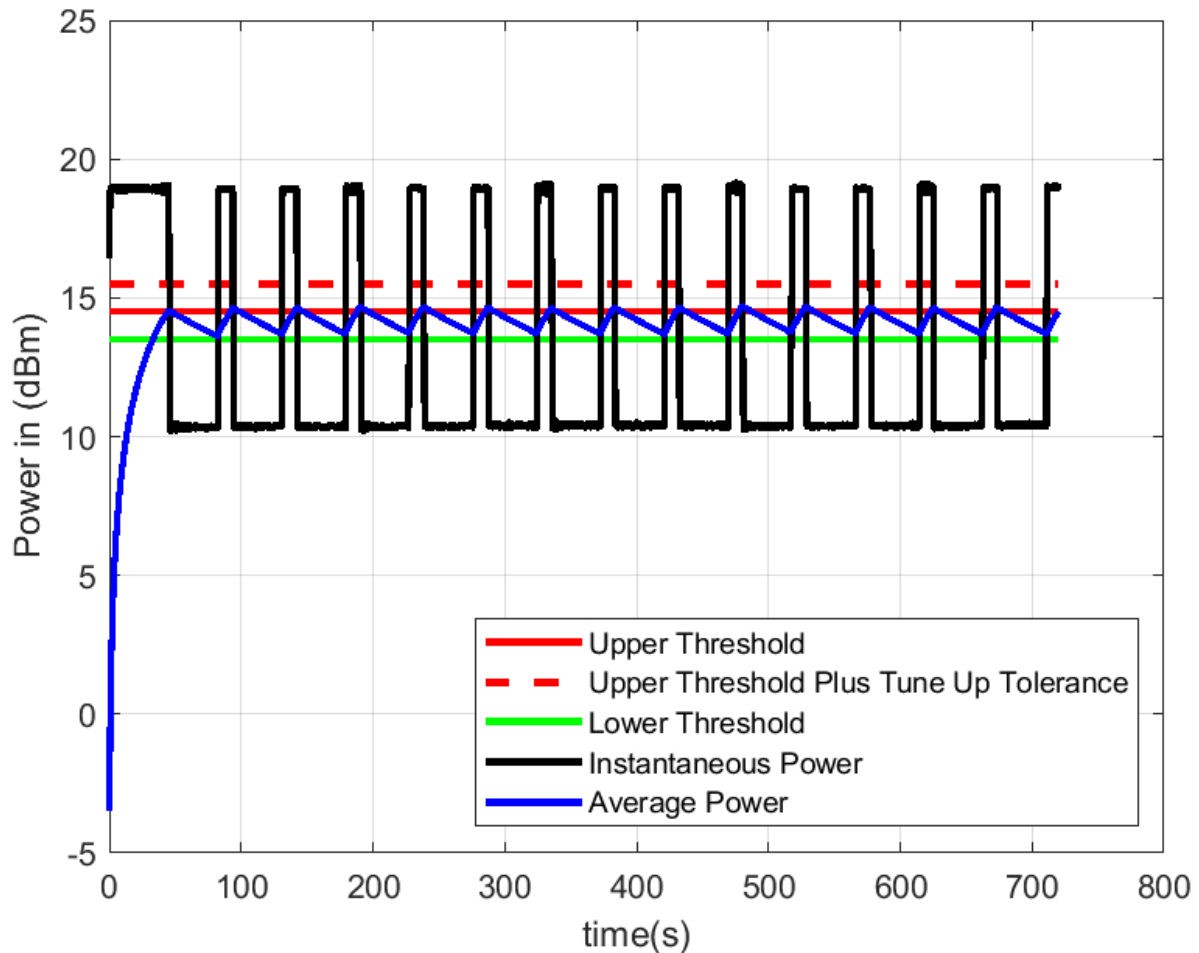
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Case 11: NR Band 48 – Max Power 21 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
14.50	13.50	12.50



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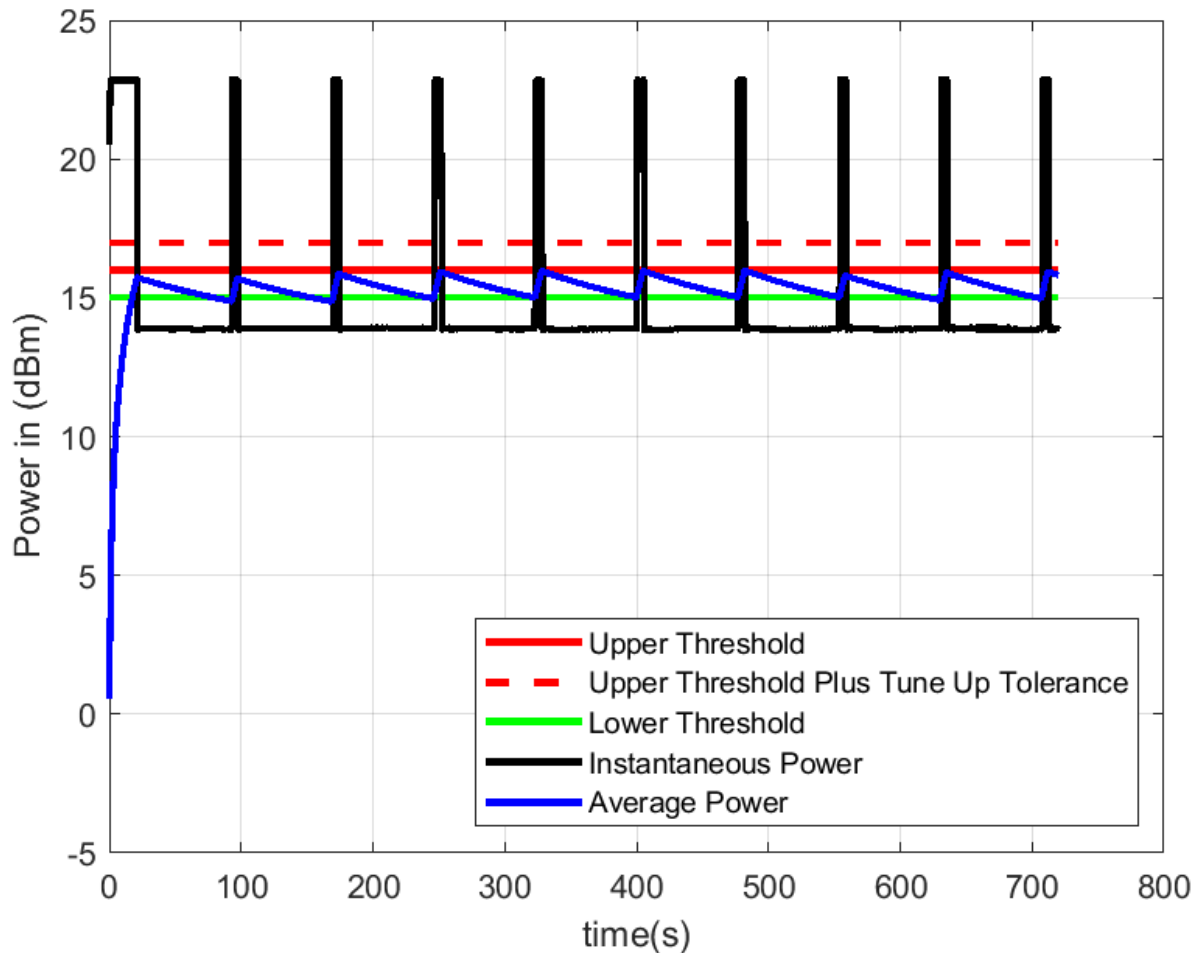
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Case 12: NR Band 66 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.00	15.00	14.00



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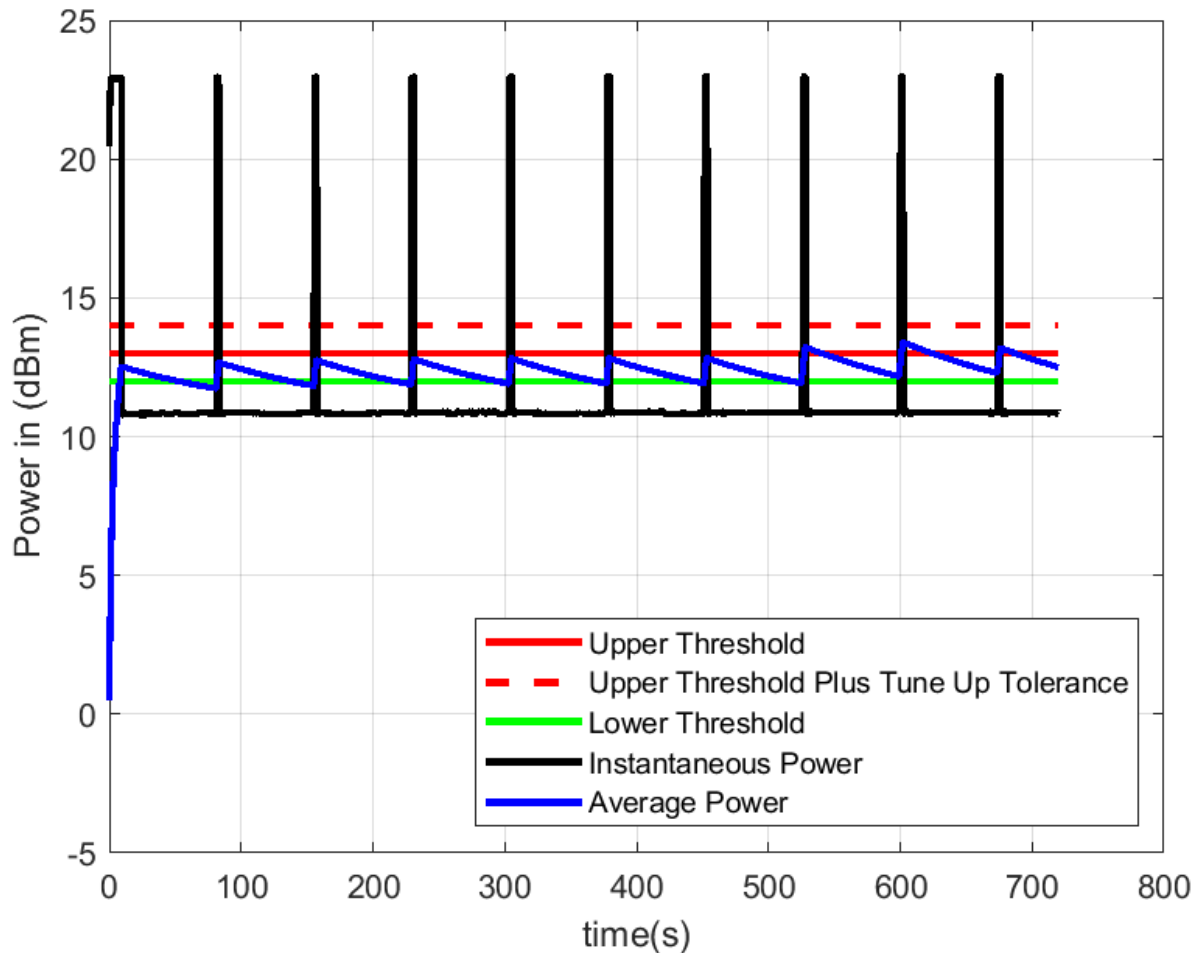
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Case 13: NR Band 71 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
13.00	12.00	11.00



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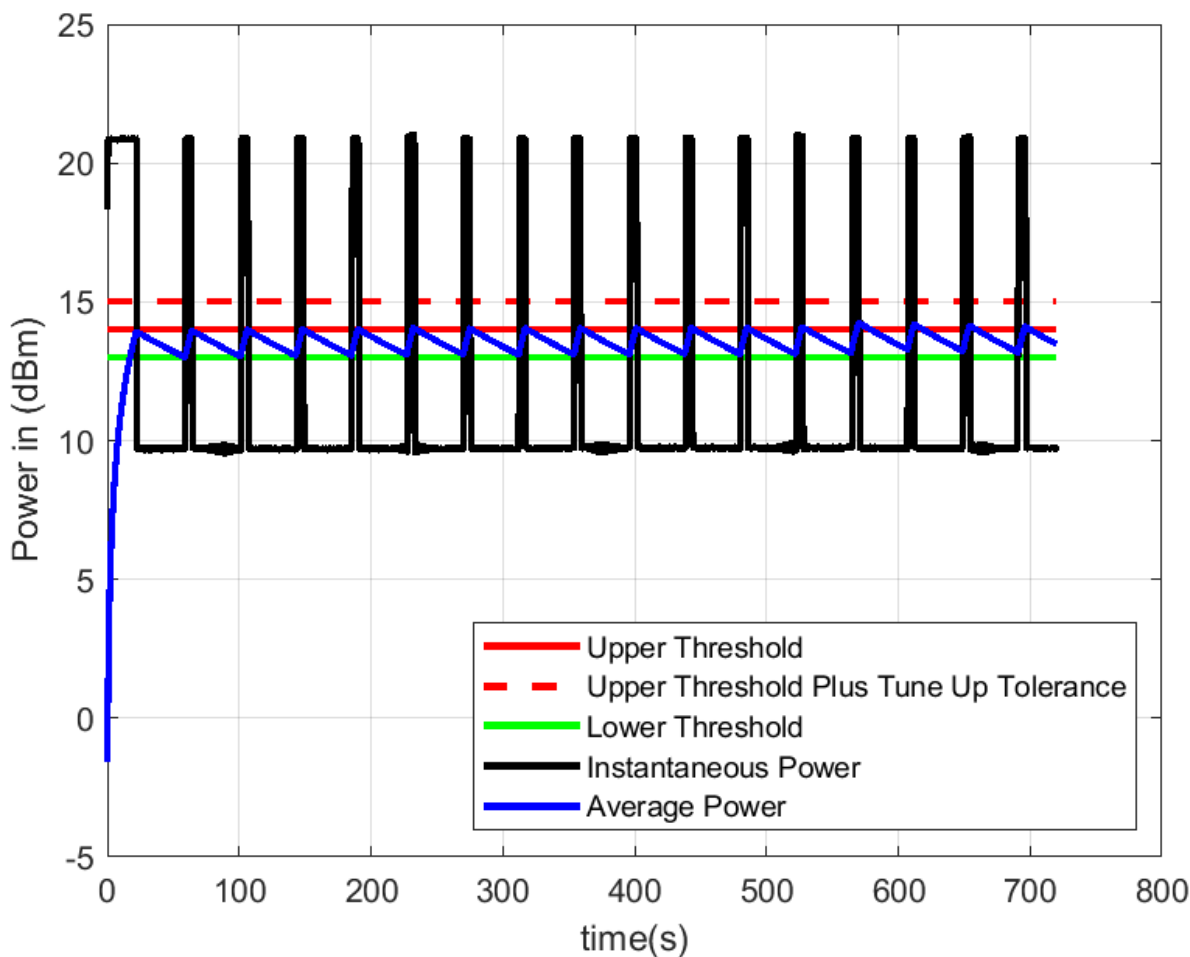
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Case 14: NR Band 77 – Max Power 26 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
14.00	13.00	12.00



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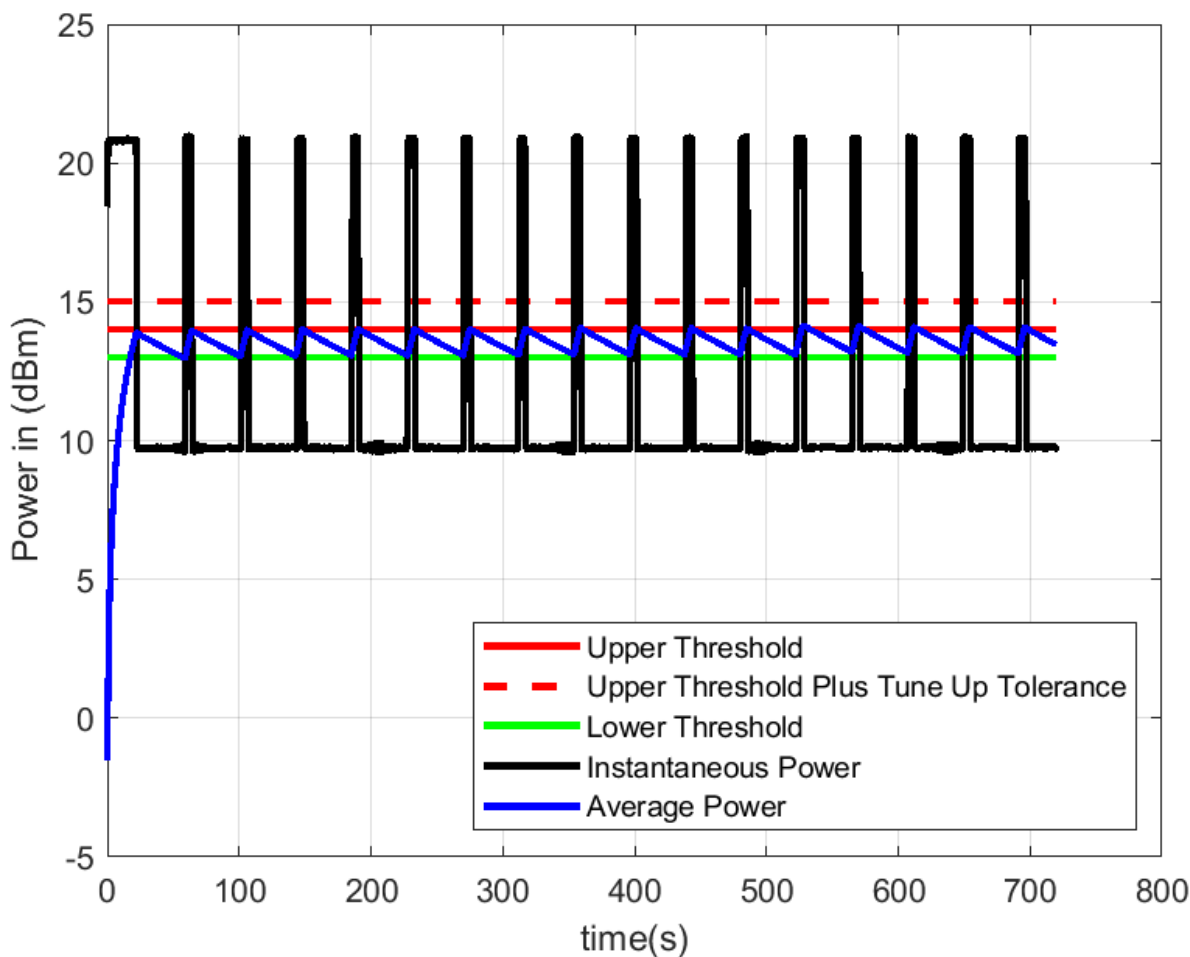
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Case 15: NR Band 78 – Max Power 26 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
14.00	13.00	12.00



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5.3 Bands Validation - LTE

Table 5-2 - Test Cases for Bands Compliance of LTE bands

Case	RAT	Band	Max_Power_ DPR_OFF_ dBm	Roll_ Period_s	Check_ Period_s	Avg_SAR_ UppThresh_ dBm	Avg_SAR_ LowThresh_ dBm	Max_Power_ DPR_ON_ dBm
16	LTE	2	23.00	100	1	15.50	14.50	13.50
17	LTE	4	23.00	100	1	16.00	15.00	14.00
18	LTE	5	23.00	100	1	17.50	16.50	15.50
19	LTE	7	23.00	100	1	16.50	15.50	14.50
20	LTE	12	23.00	100	1	17.50	16.50	15.50
21	LTE	13	23.00	100	1	17.50	16.50	15.50
22	LTE	14	23.00	100	1	17.50	16.50	15.50
23	LTE	17	23.00	100	1	17.50	16.50	15.50
24	LTE	25	23.00	100	1	17.50	16.50	15.50
25	LTE	26	23.00	100	1	17.50	16.50	15.50
26	LTE	30	22.00	100	1	17.00	16.00	15.00
27	LTE	38	23.00	100	1	17.00	16.00	15.00
28	LTE	41	26.00	100	1	16.00	15.00	14.00
29	LTE	42	23.00	100	1	13.50	12.50	11.50
30	LTE	43	23.00	100	1	15.00	14.00	13.00
31	LTE	48	21.00	100	1	13.50	12.50	11.50
32	LTE	66	23.00	100	1	16.00	15.00	14.00
33	LTE	71	23.00	100	1	19.00	18.00	17.00

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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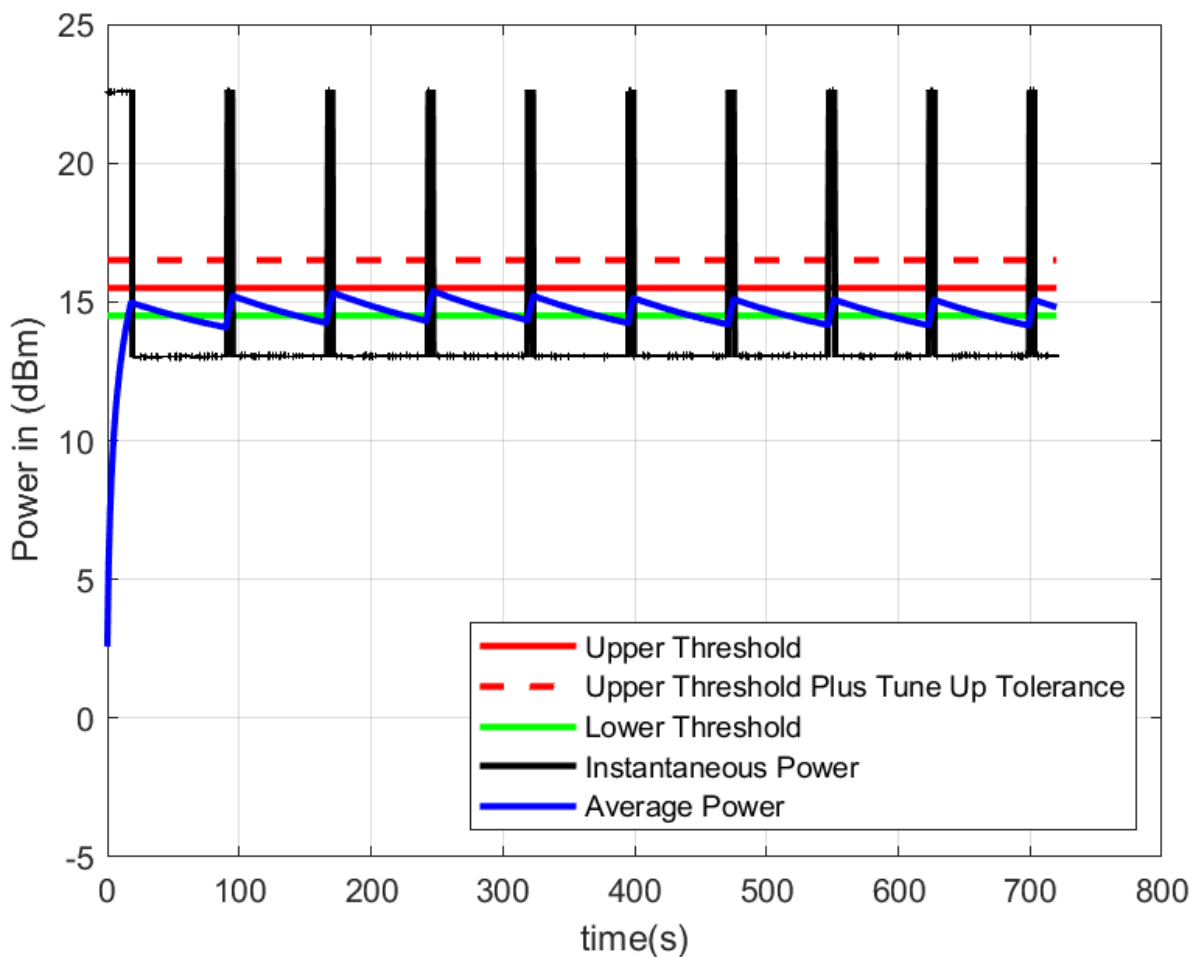
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Case 16: LTE Band 2 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
15.50	14.50	13.50



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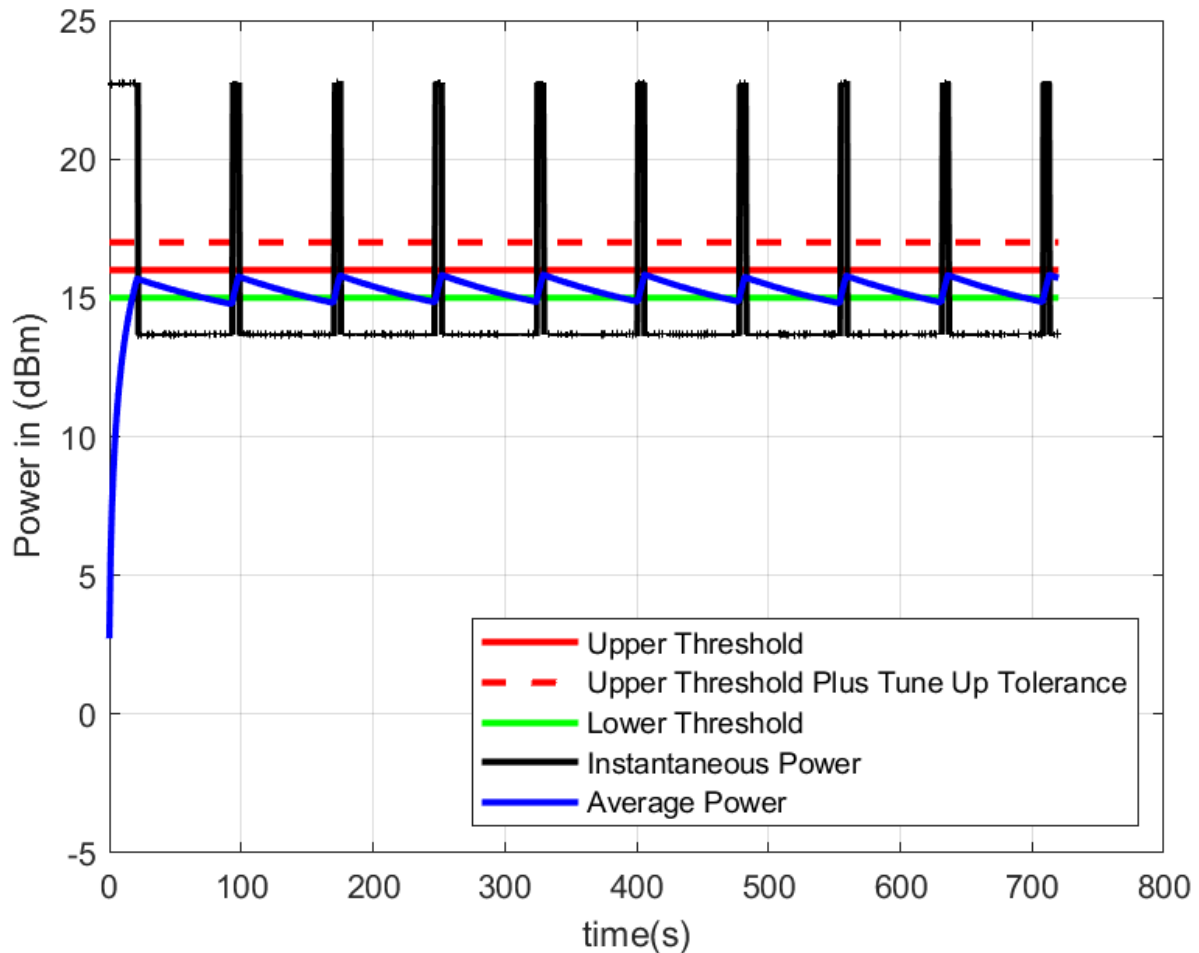
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Case 17: LTE Band 4 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.00	15.00	14.00



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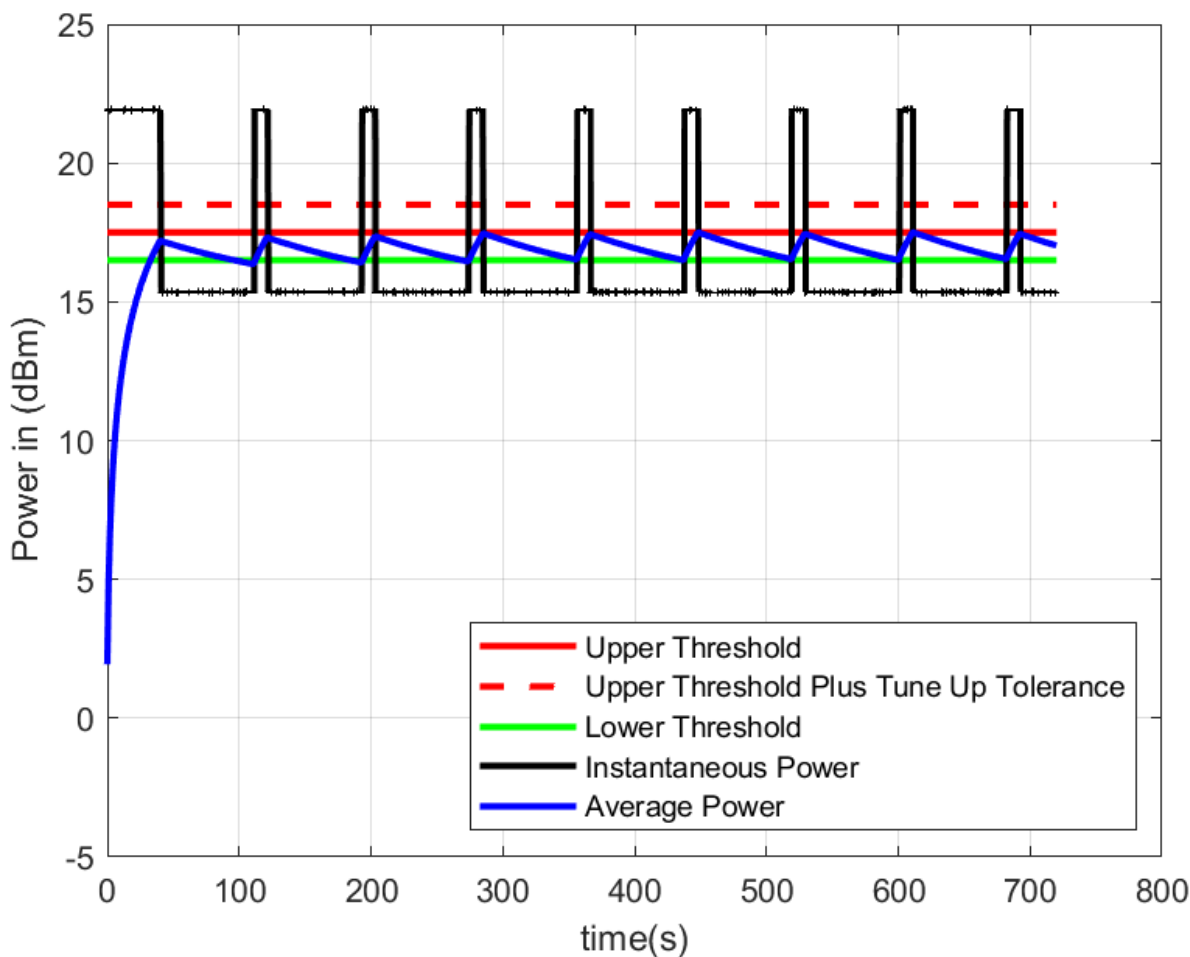
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Case 18: LTE Band 5 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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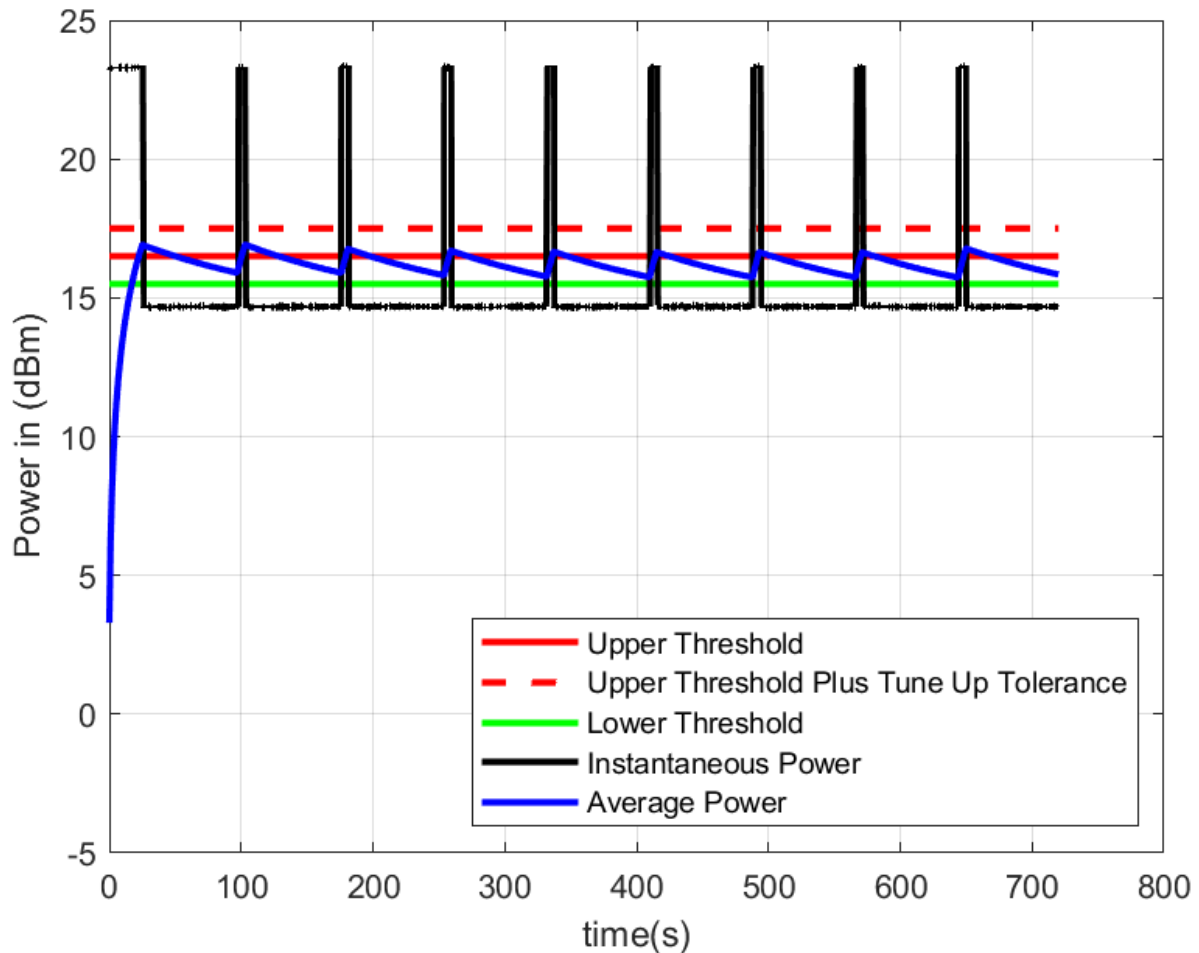
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Case 19: LTE Band 7 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.50	15.50	14.50



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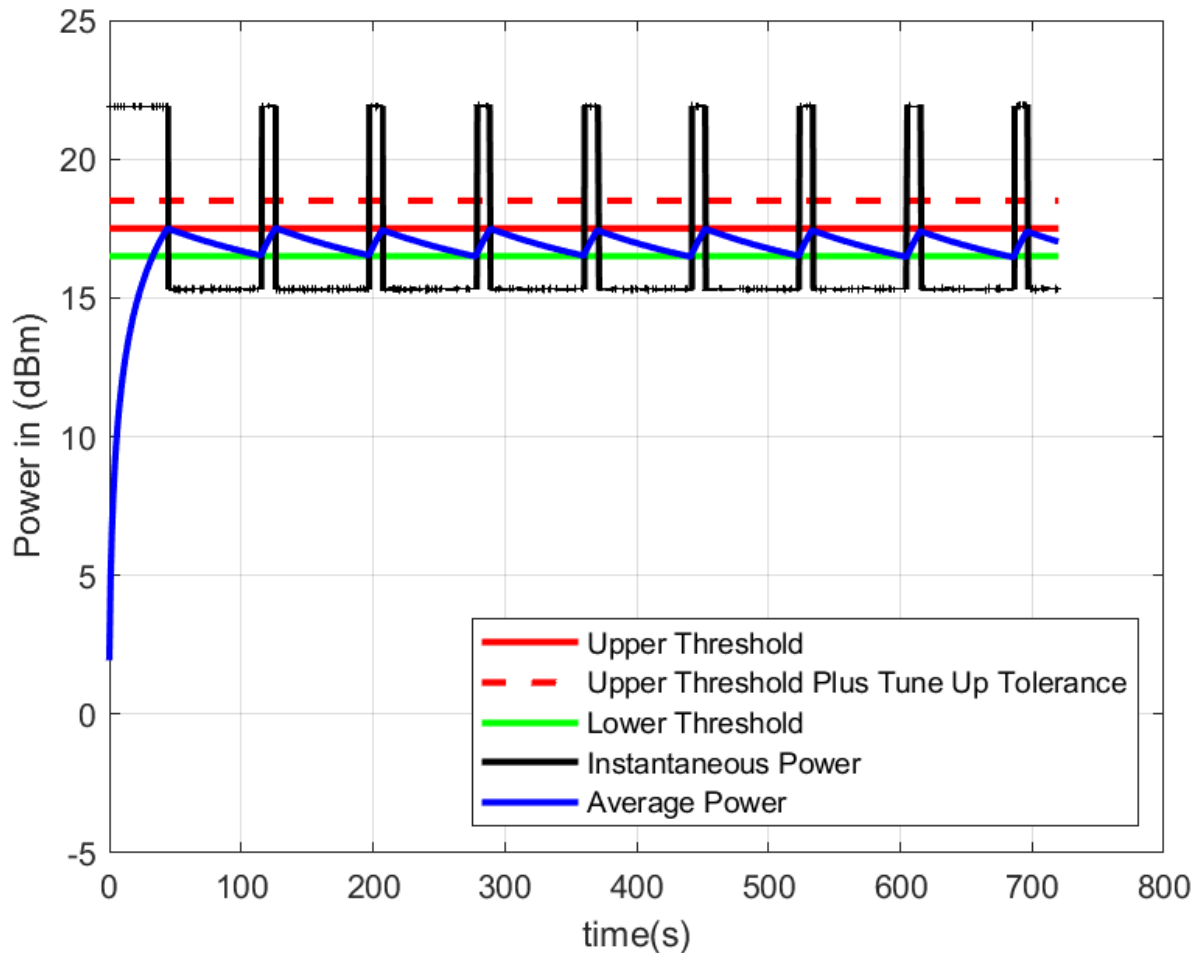
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Case 20: LTE Band 12 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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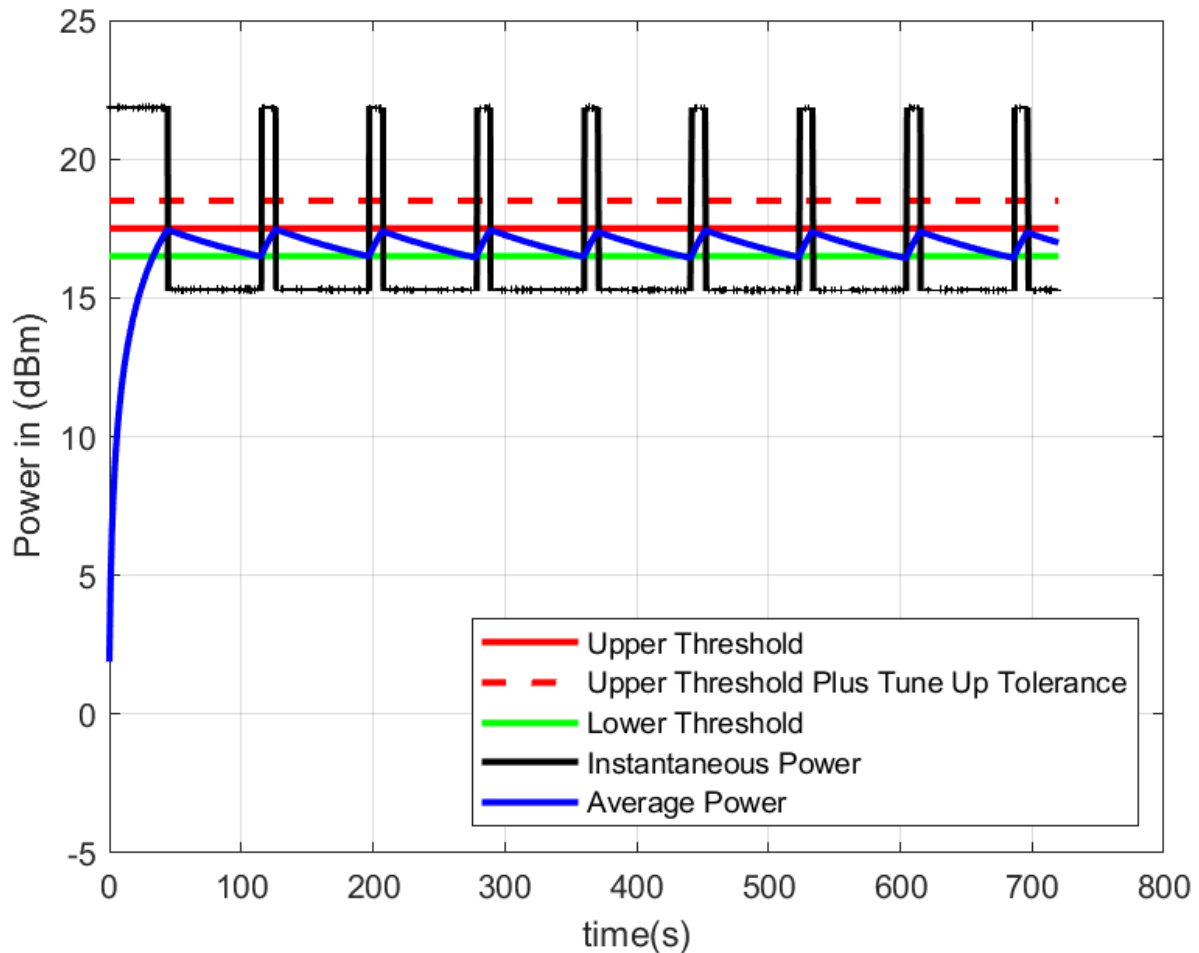
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Case 21: LTE Band 13 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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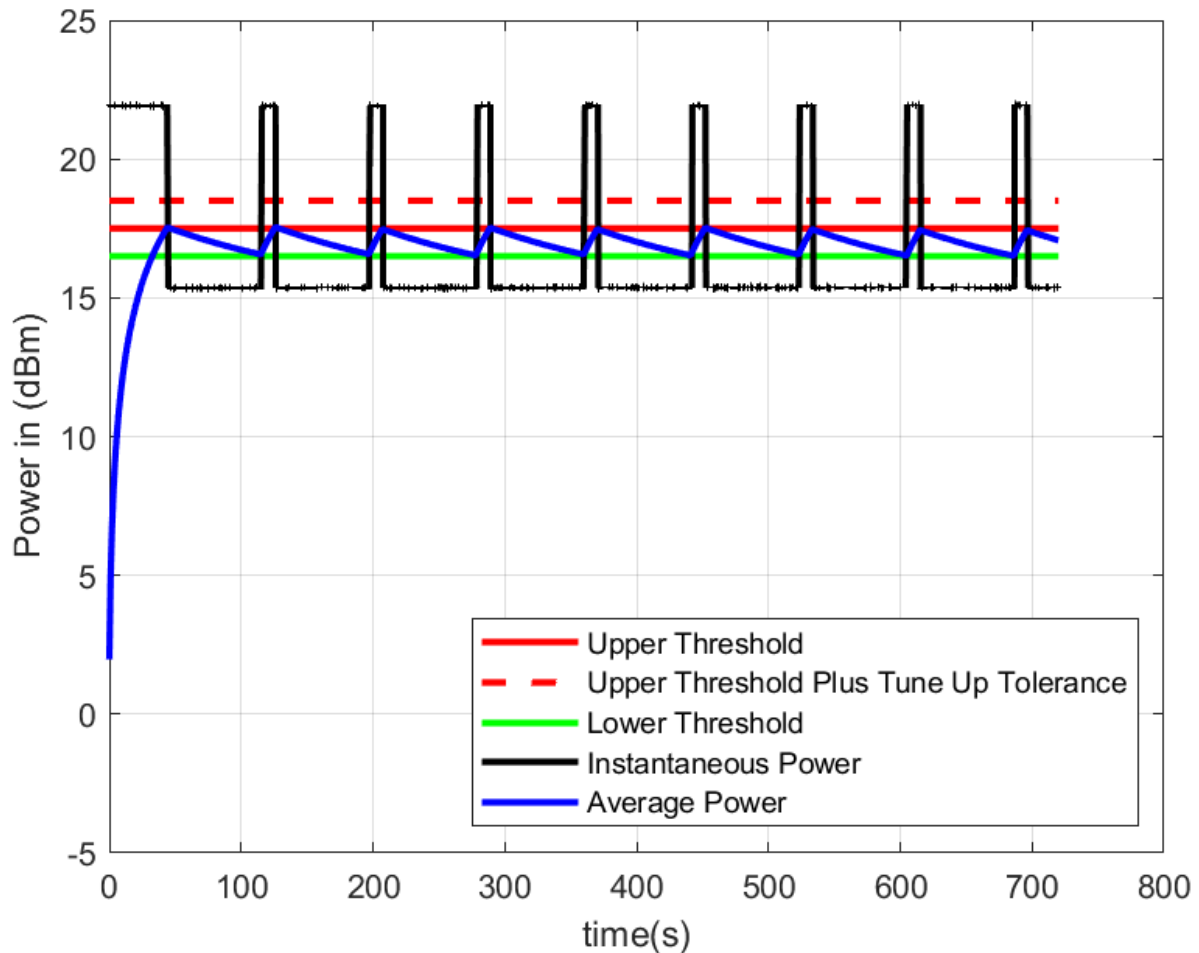
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Case 22: LTE Band 14 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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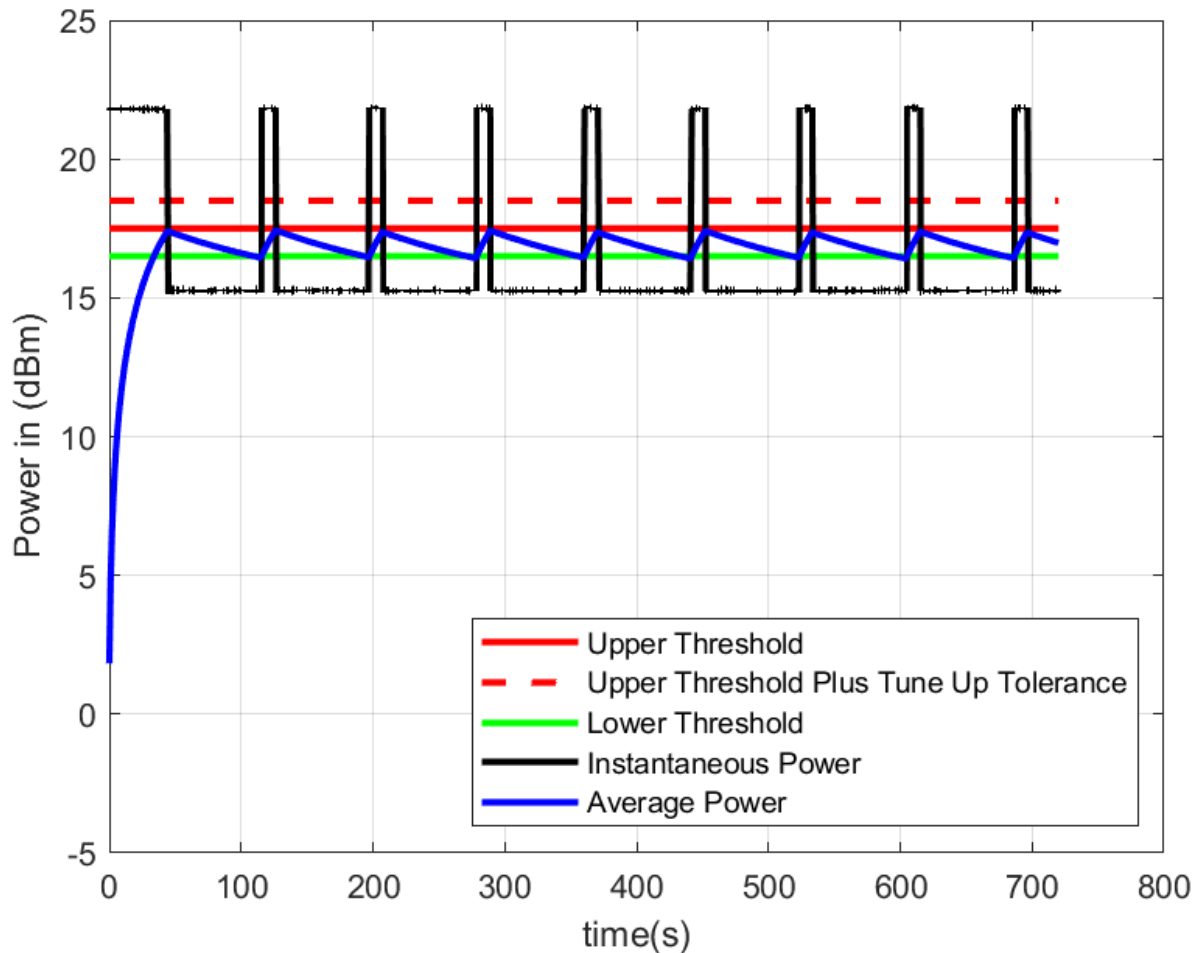
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Case 23: LTE Band 17 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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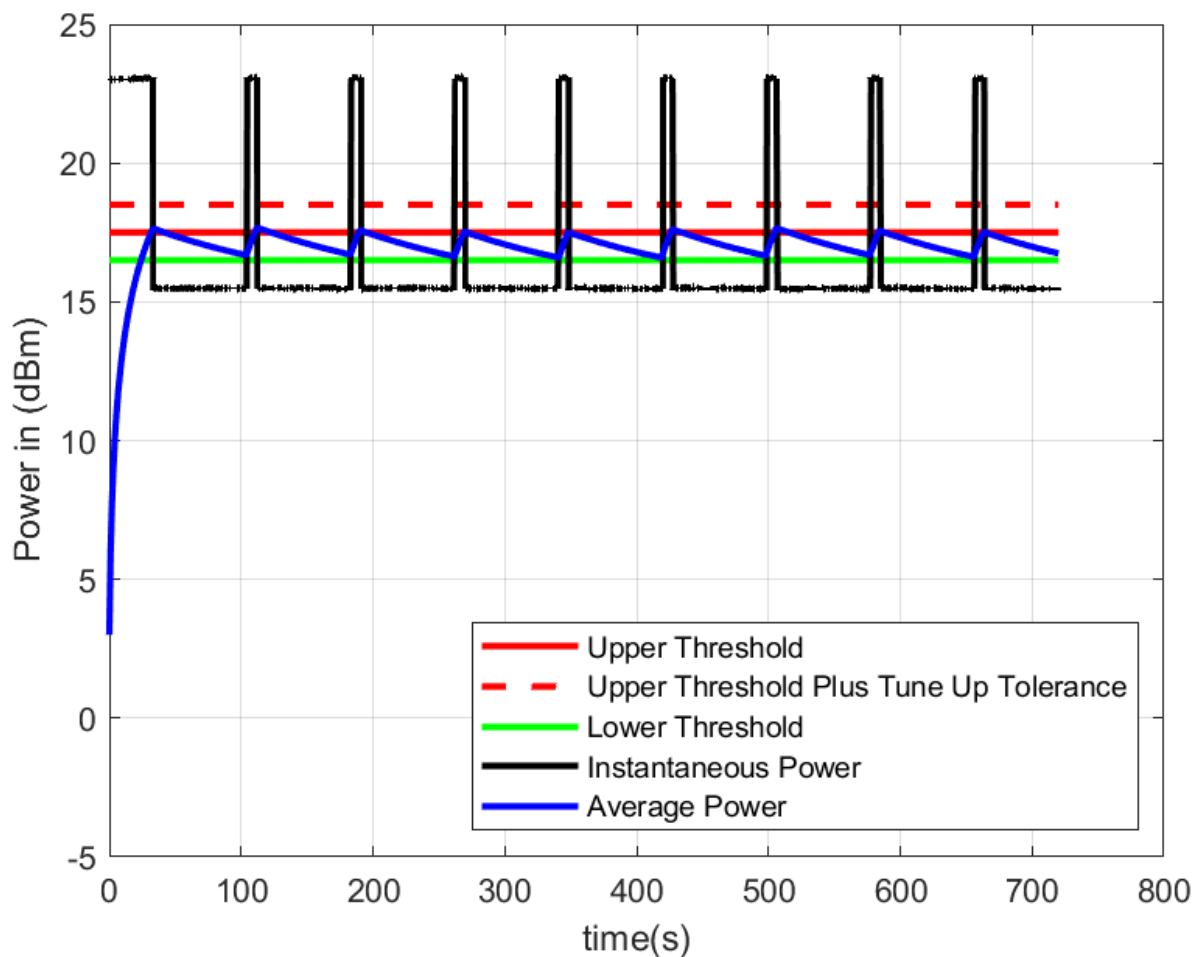
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Case 24: LTE Band 25 – Max Power 21 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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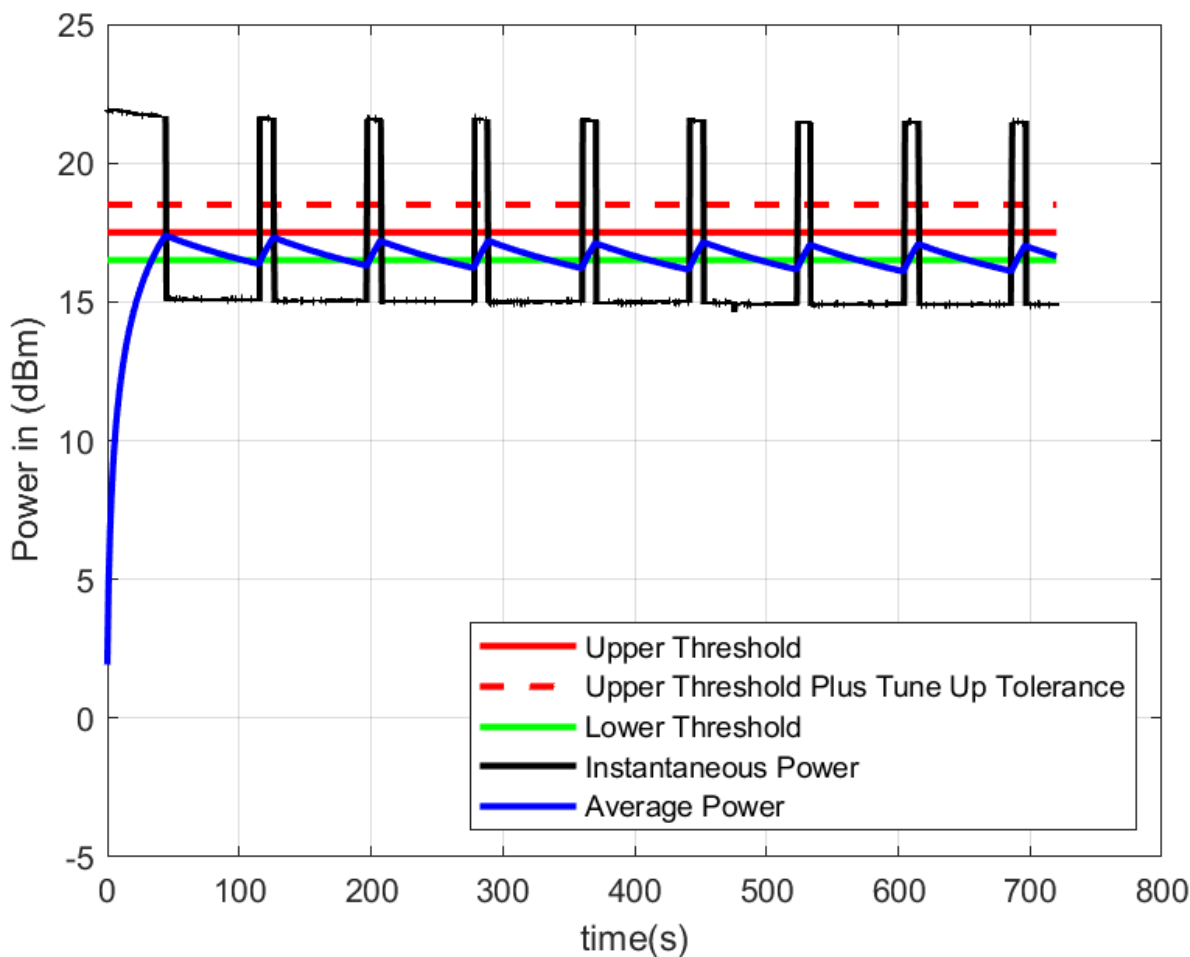
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Case 25: LTE Band 26 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.50	16.50	15.50



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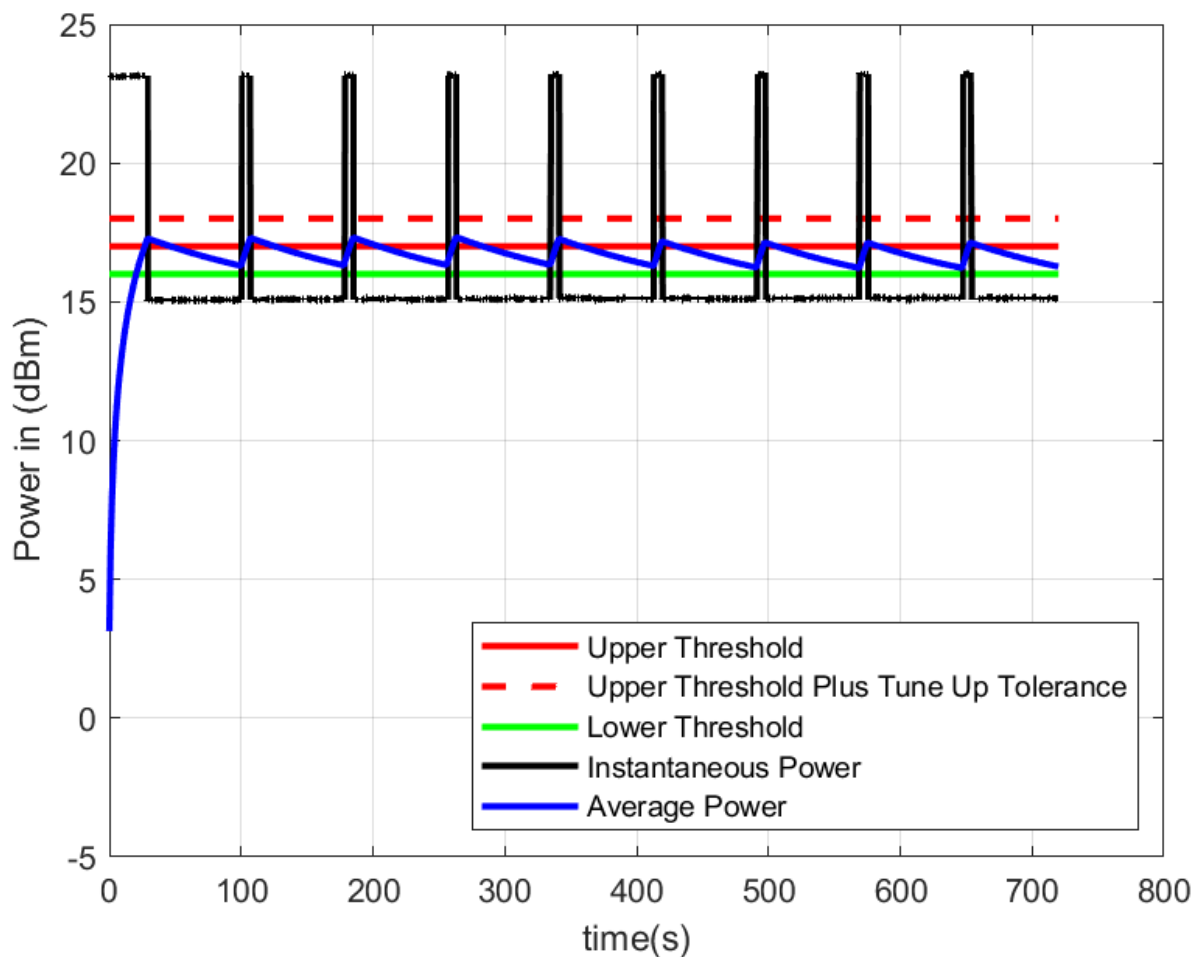
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Case 26: LTE Band 30 – Max Power 22 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.00	16.00	15.00



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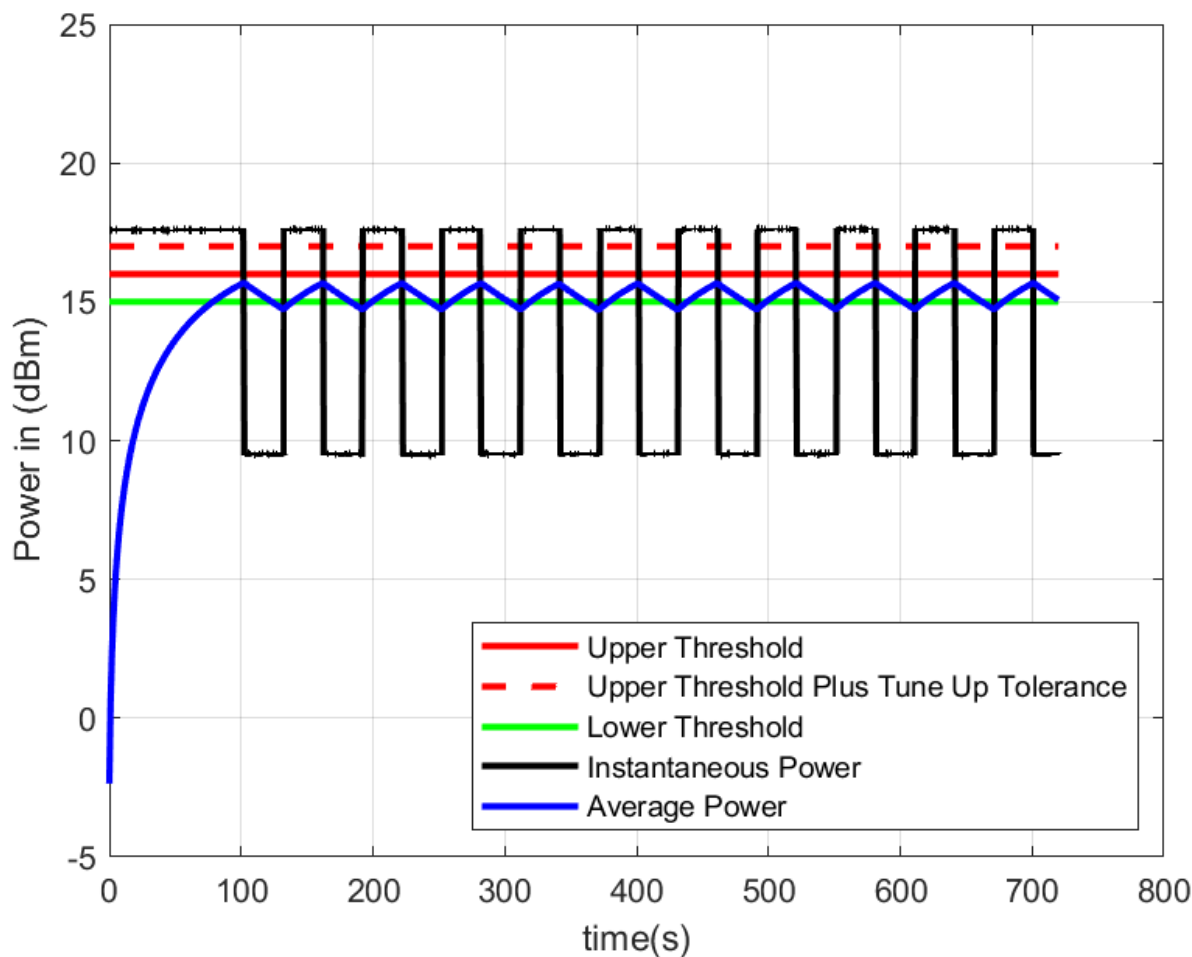
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Case 27: LTE Band 38 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
17.00	16.00	15.00



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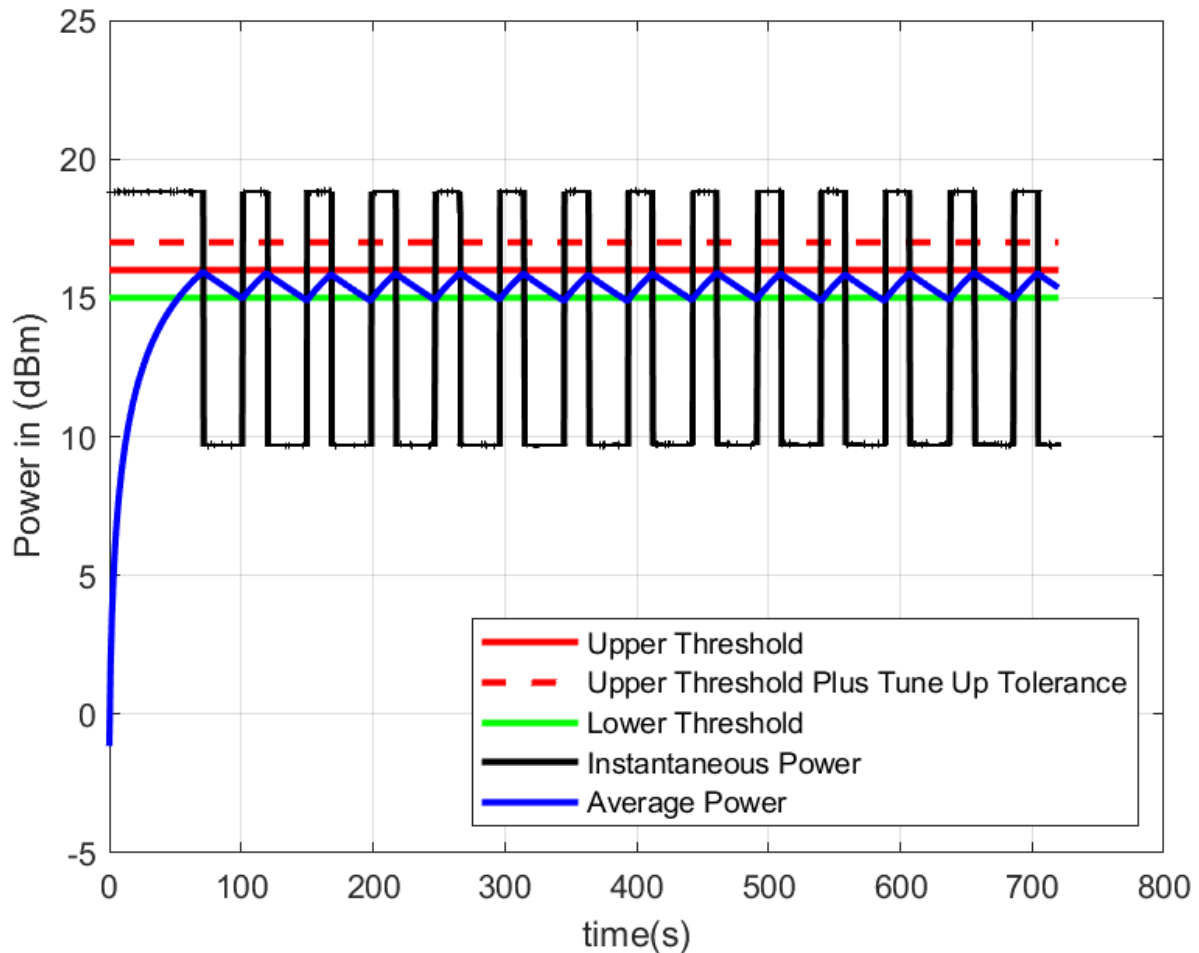
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Case 28: LTE Band 41 – Max Power 26 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.00	15.00	14.00



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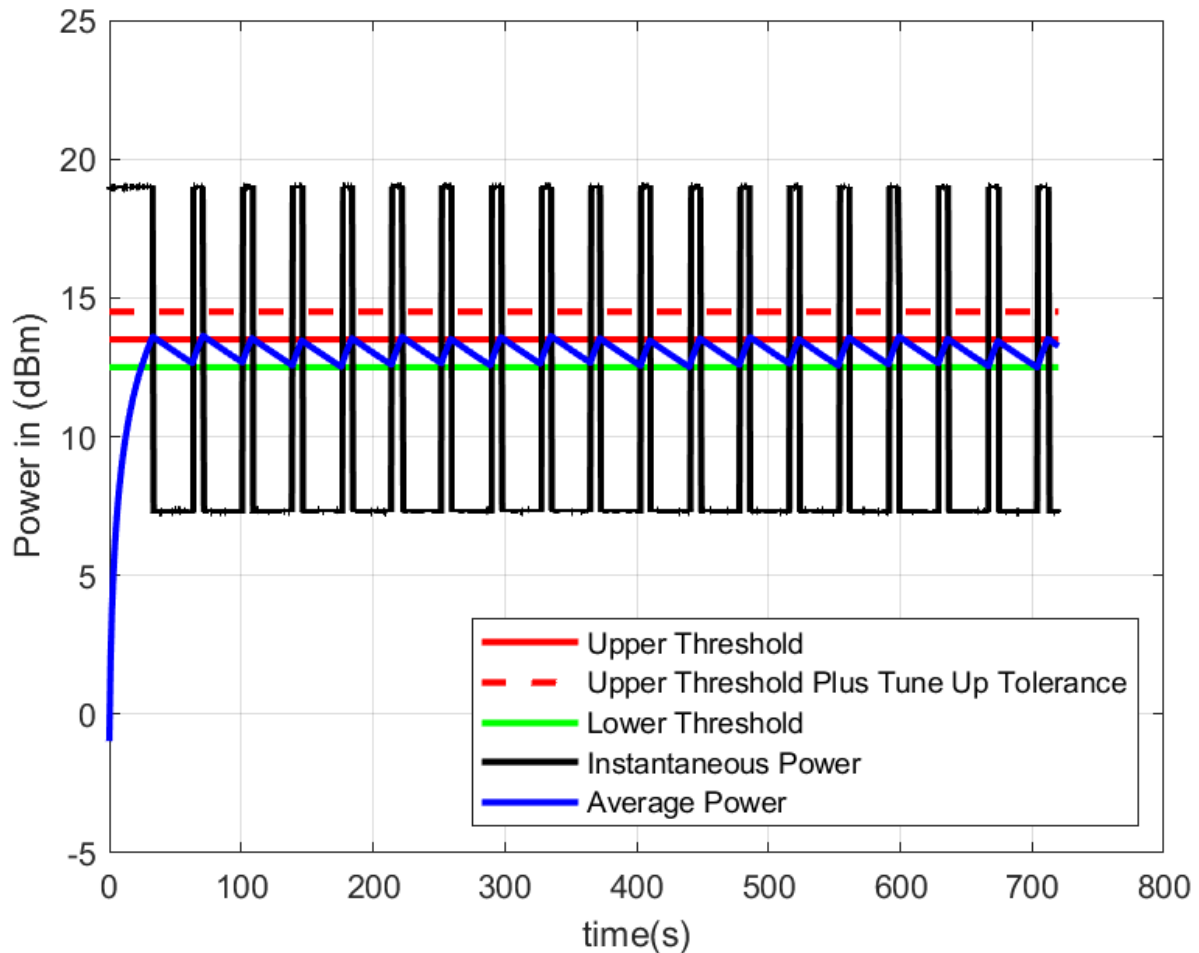
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Case 29: LTE Band 42 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
13.50	12.50	11.50



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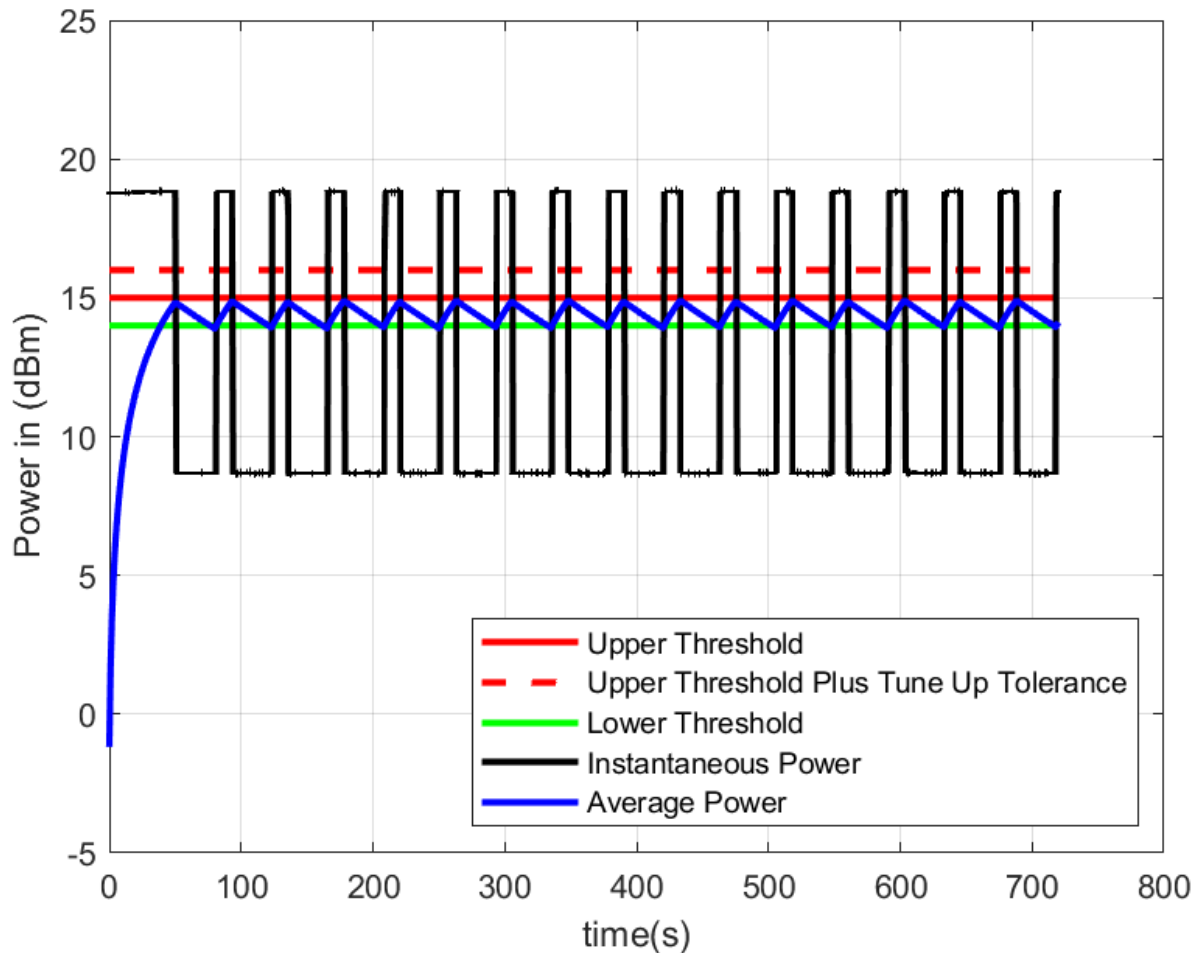
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Case 30: LTE Band 43 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
15.00	14.00	13.00

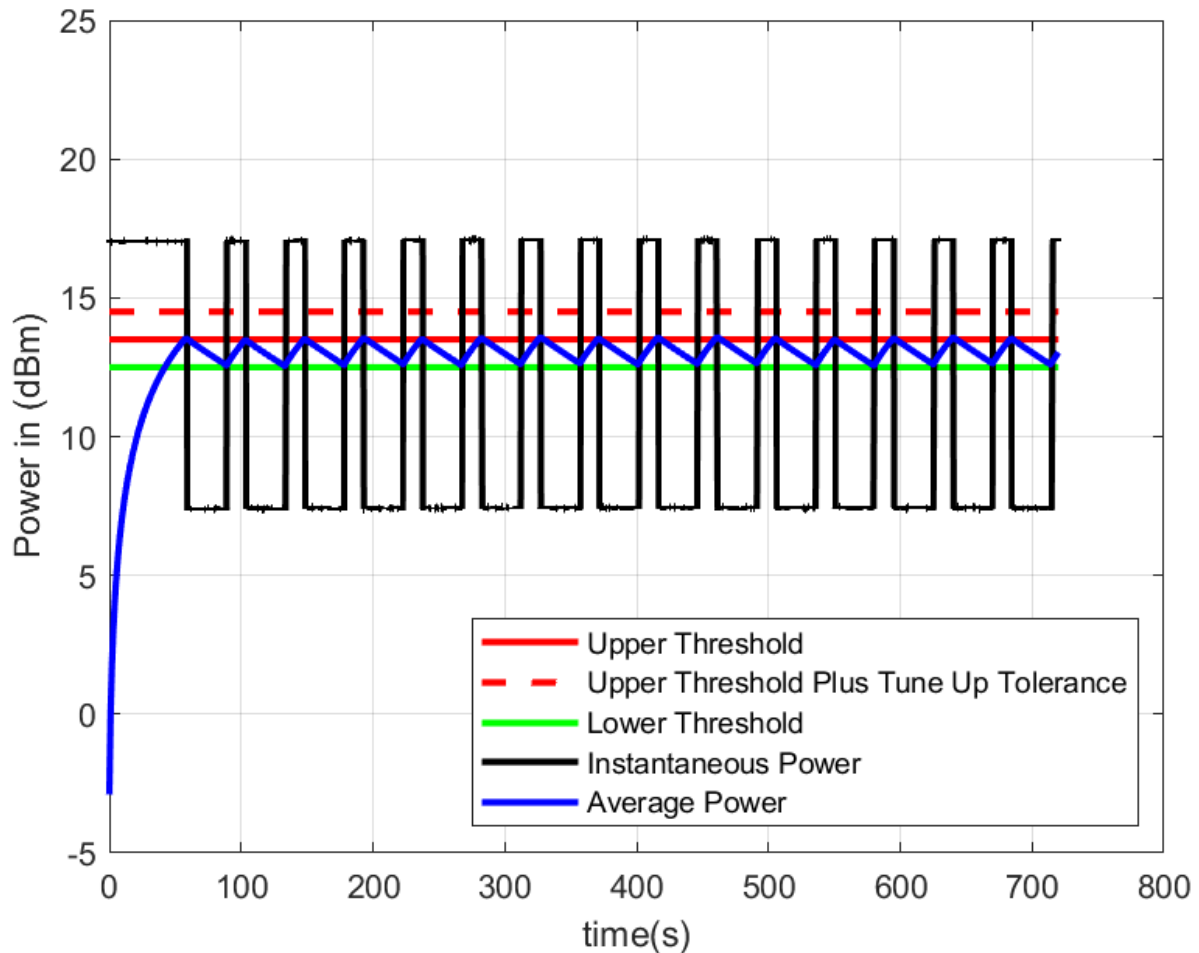


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Case 31: LTE Band 48 – Max Power 21 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
13.50	12.50	11.50



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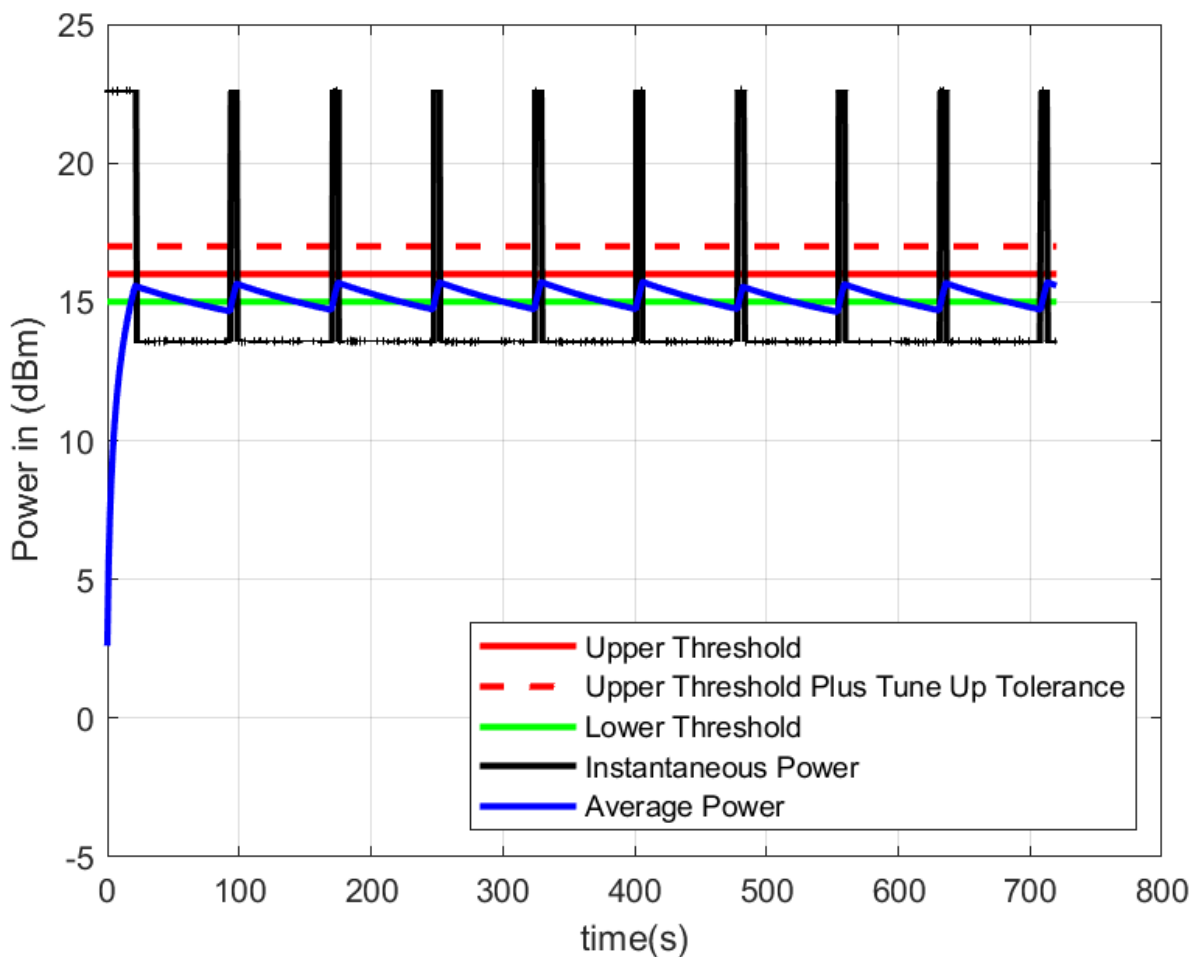
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Case 32: LTE Band 66 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
16.00	15.00	14.00



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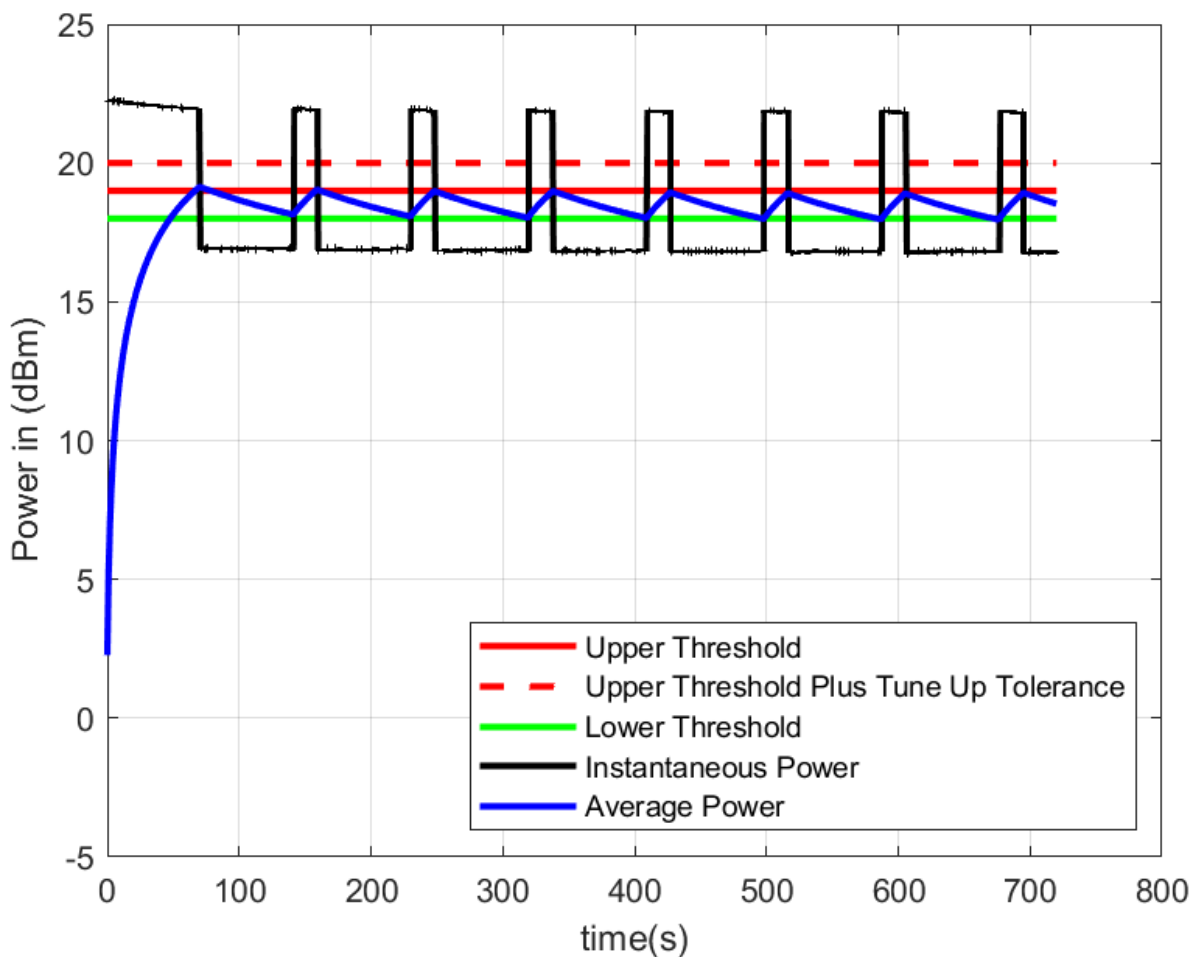
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Case 33: LTE Band 71 – Max Power 23 dBm – Roll Period 100 sec – Check Period 1 sec

Avg_SAR_UppThresh [dBm]	Avg_SAR_LowThresh [dBm]	Max_Power_DPR_ON [dBm]
19.00	18.00	17.00



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5.4 Bands Validation – WCDMA

Table 5-3 - Test Cases for Bands Compliance of WCDMA bands

Case	RAT	Band	Max_Power_ DPR_OFF_ dBm	Roll_ Period_s	Check_ Period_s	Avg_SAR_ UppThresh_ dBm	Avg_SAR_ LowThresh_ dBm	Max_Power_ DPR_ON_ dBm
34	WCDMA	2	23.50	100	1	15.50	14.50	13.50
35	WCDMA	4	23.50	100	1	16.00	15.00	14.00
36	WCDMA	5	23.50	100	1	17.50	16.50	15.50

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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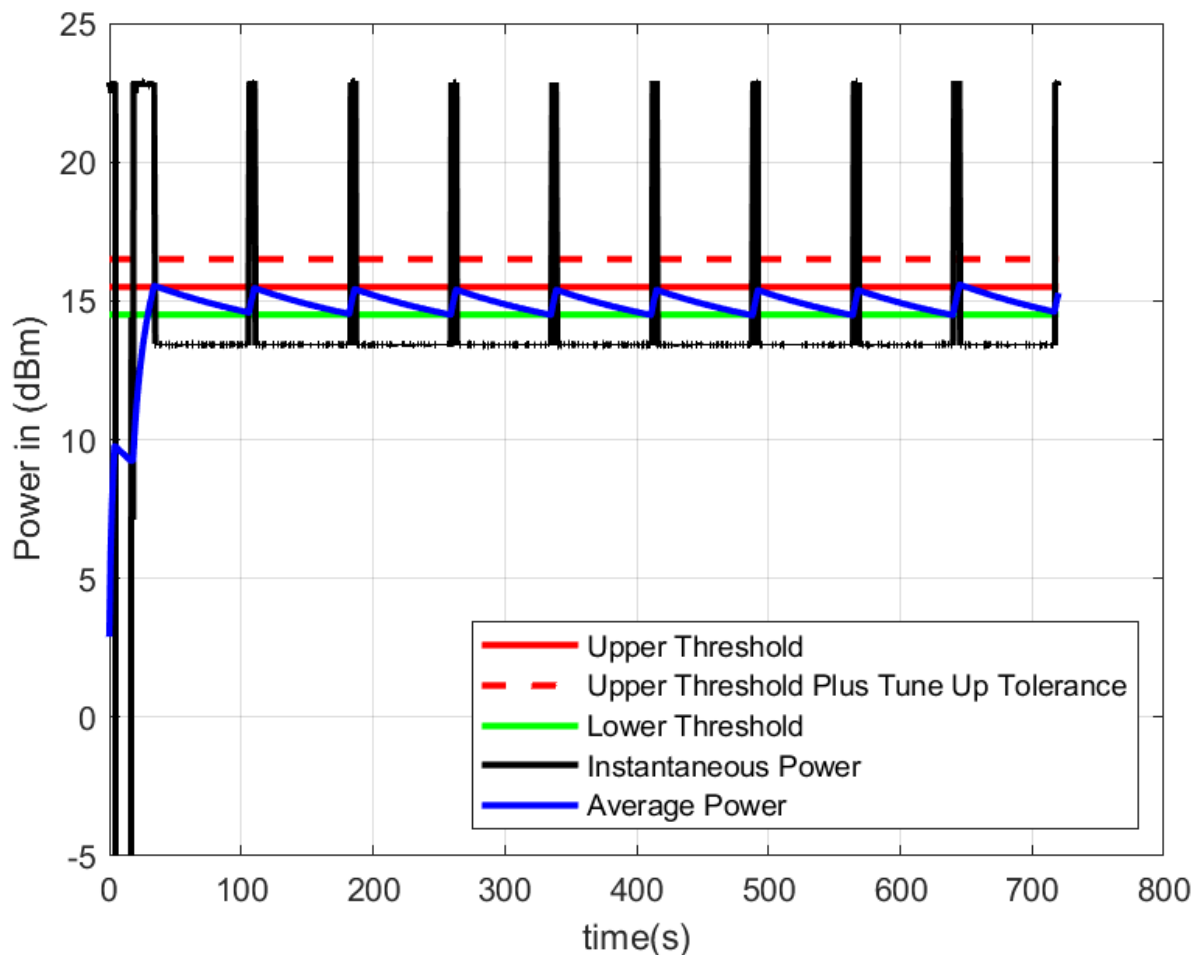
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Case 34: WCDMA Band 2 – Max Power 23.5 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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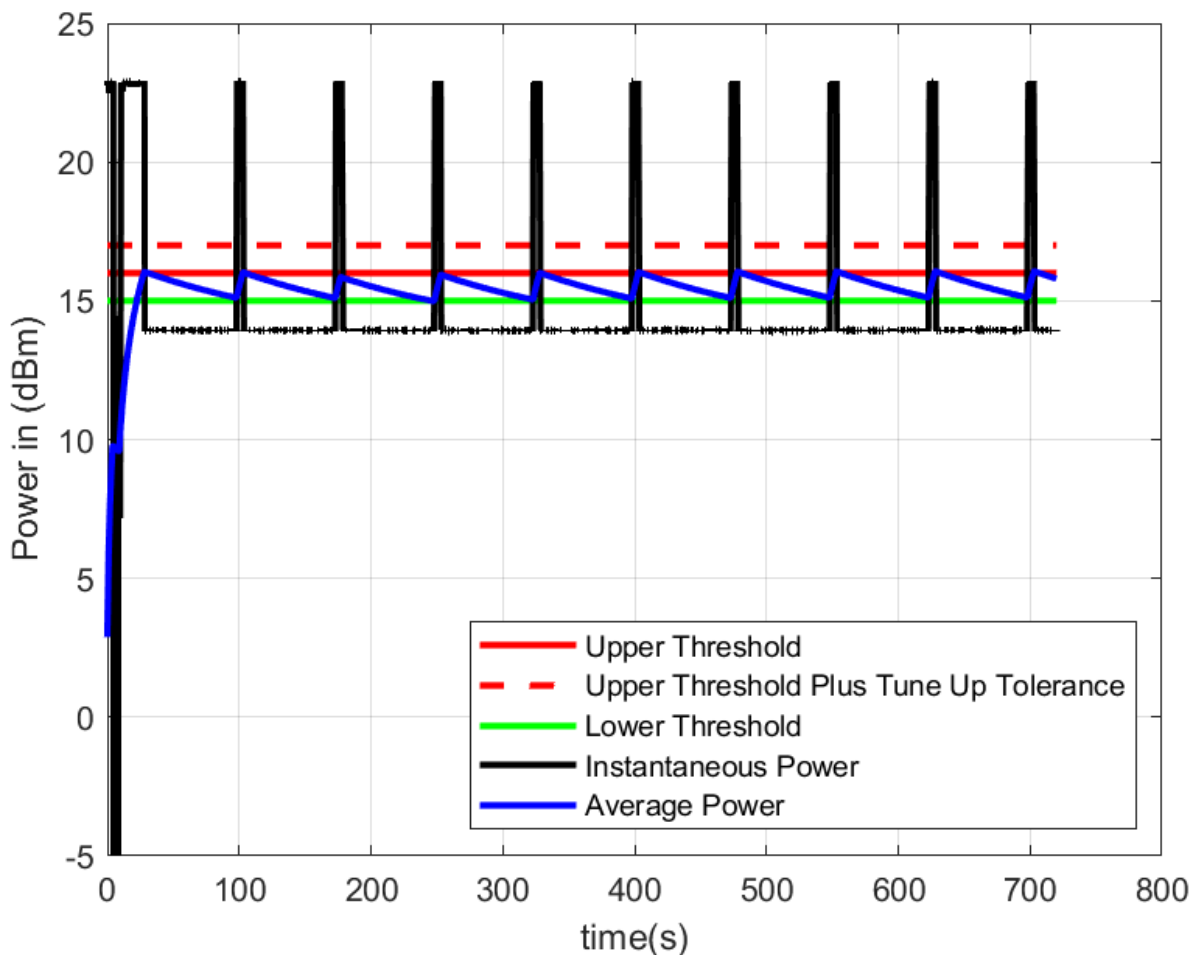
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Case 35: WCDMA Band 4 – Max Power 23.5 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
16.00	15.00	14.00



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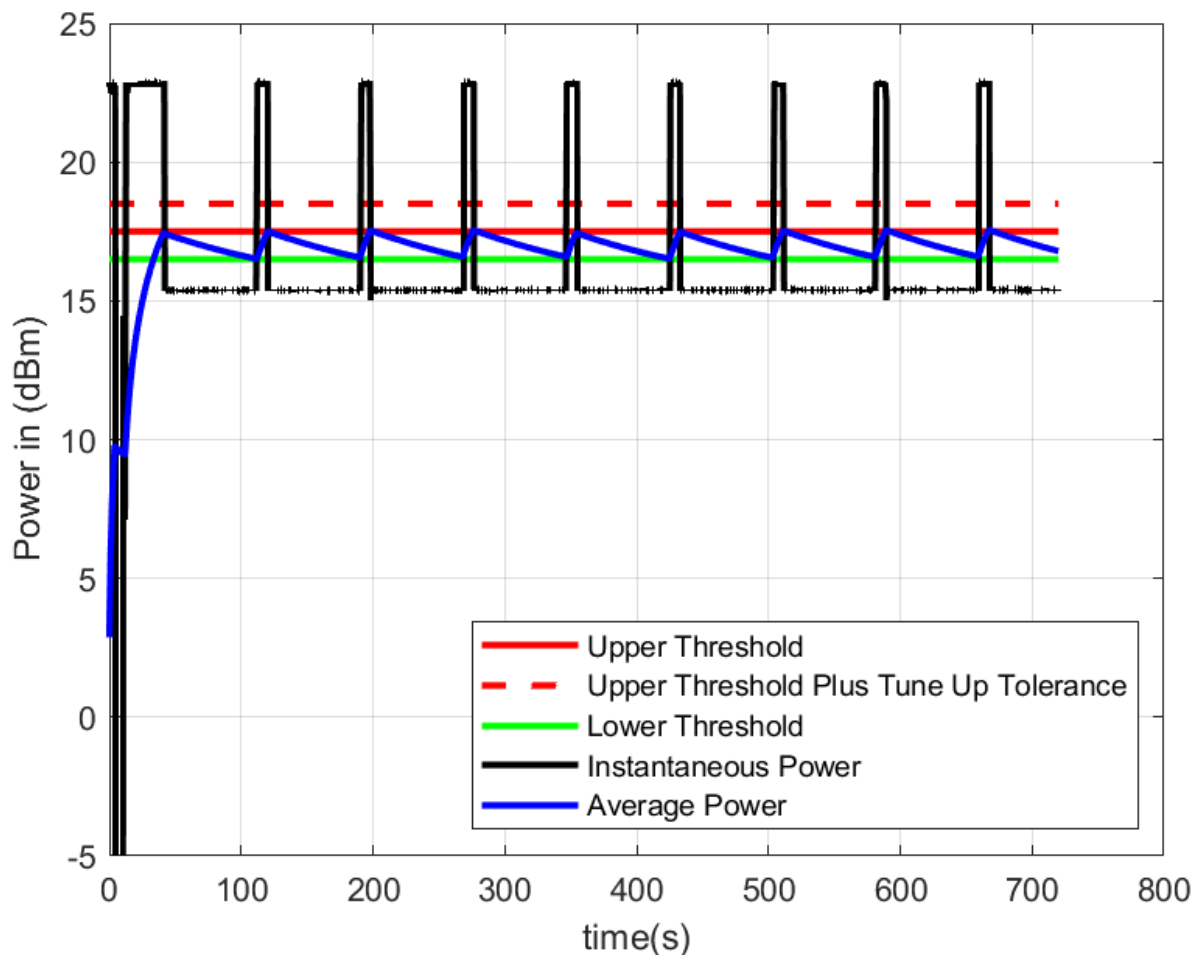
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Case 36: WCDMA Band 5 – Max Power 23.5 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
17.50	16.50	15.50



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5.5 Time Varying Test Sequence - NR

Table 5-4 - Test Cases for Time Varying Test Sequence of NR bands

Case	RAT	Band	Max_Power_ DPR_OFF_ dBm	Roll_ Period_s	Check_ Period_s	Avg_SAR_ UppThresh_ dBm	Avg_SAR_ LowThresh_ dBm	Max_Power_ DPR_ON_ dBm
1	NR	2	23.00	100	1	15.50	14.50	13.50
2	NR	2	23.00	100	1	15.50	14.50	13.50

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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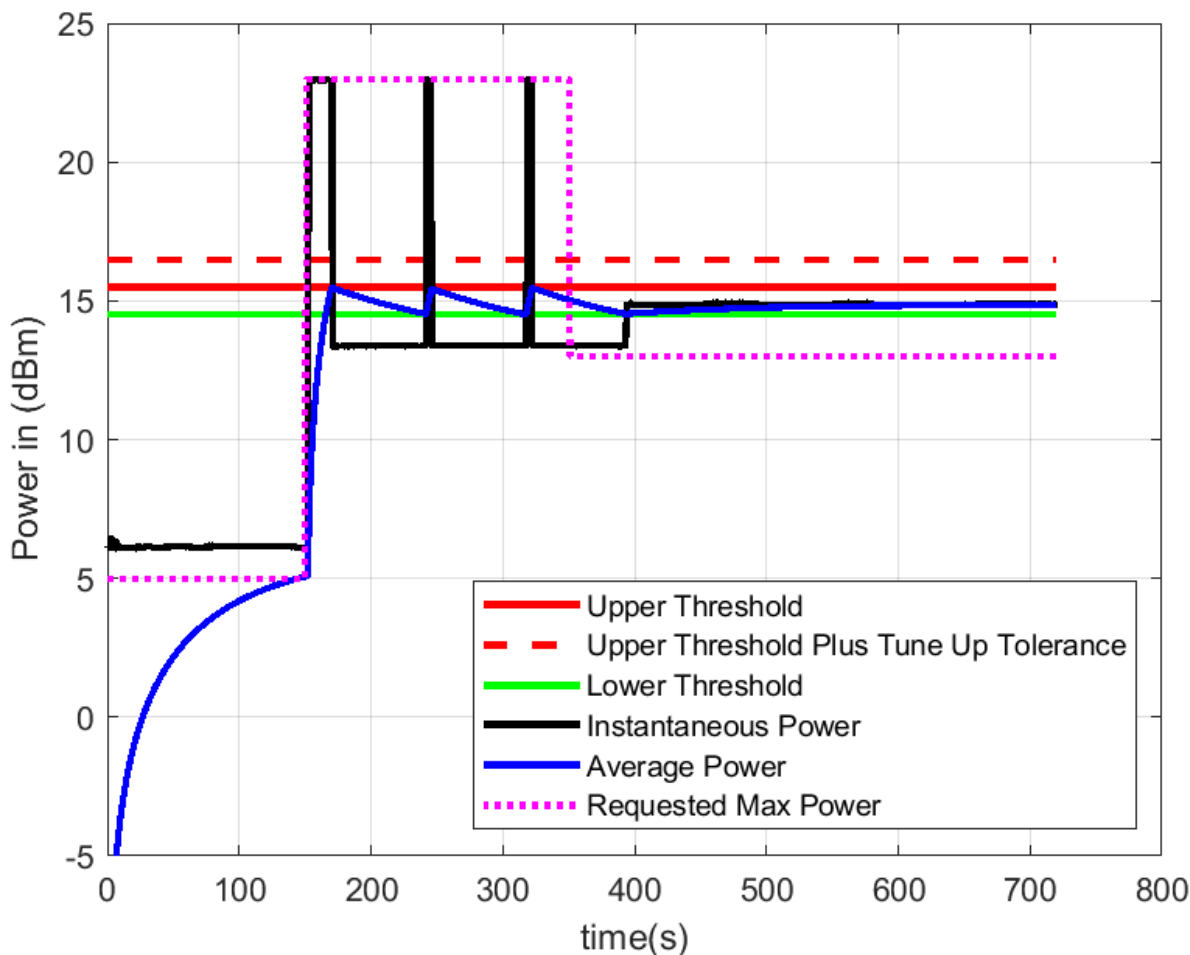
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Case 1: Sequence 1 - NR Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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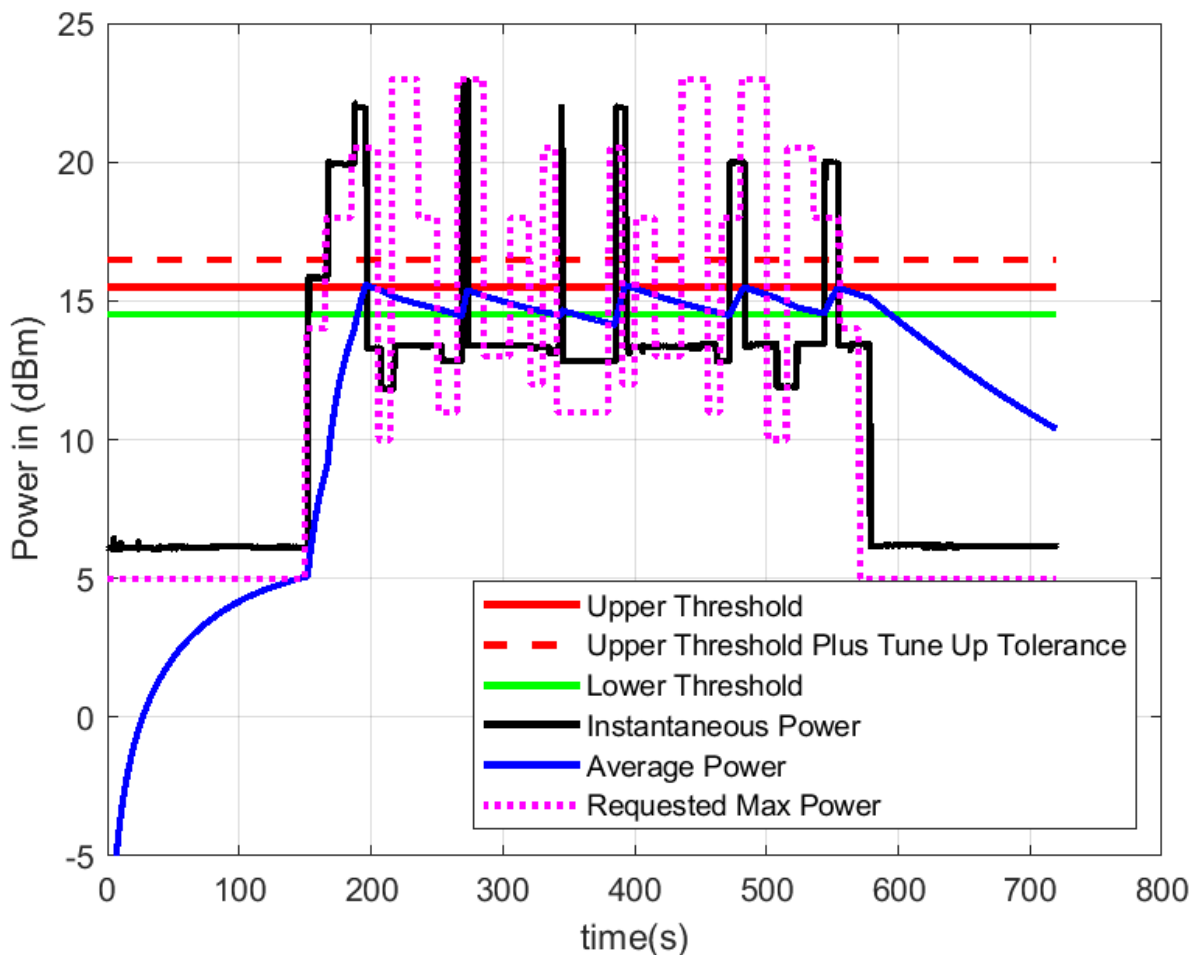
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Case 2: Sequence 2 - NR Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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5.6 Time Varying Test Sequence – LTE

Table 5-5 - Test Cases for Time Varying Test Sequence of LTE bands

Case	RAT	Band	Max_Power_ DPR_OFF_ dBm	Roll_ Period_s	Check_ Period_s	Avg_SAR_ UppThresh_ dBm	Avg_SAR_ LowThresh_ dBm	Max_Power_ DPR_ON_ dBm
3	LTE	2	23.00	100	1	15.50	14.50	13.50
4	LTE	2	23.00	100	1	15.50	14.50	13.50

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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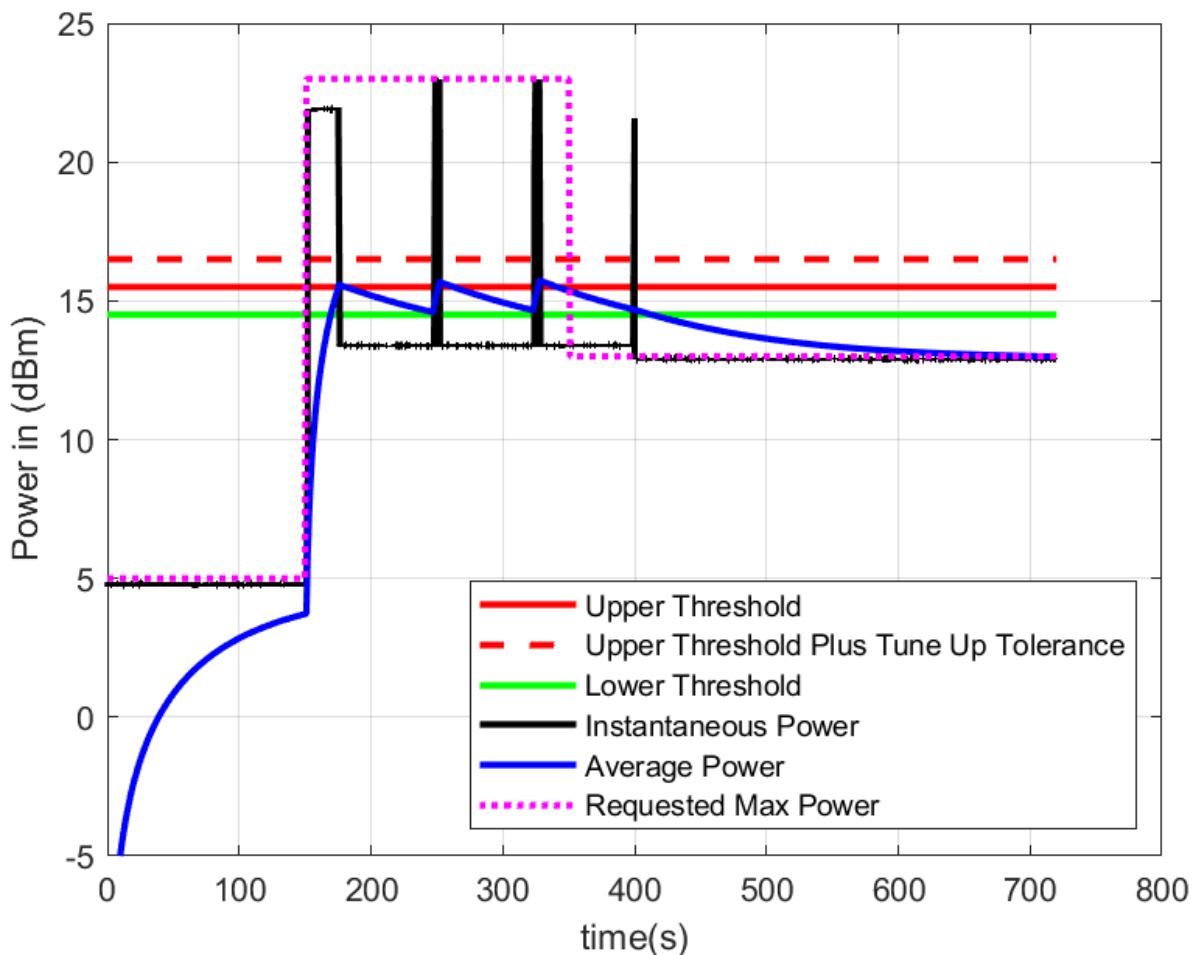
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Case 3: Sequence 1 - LTE Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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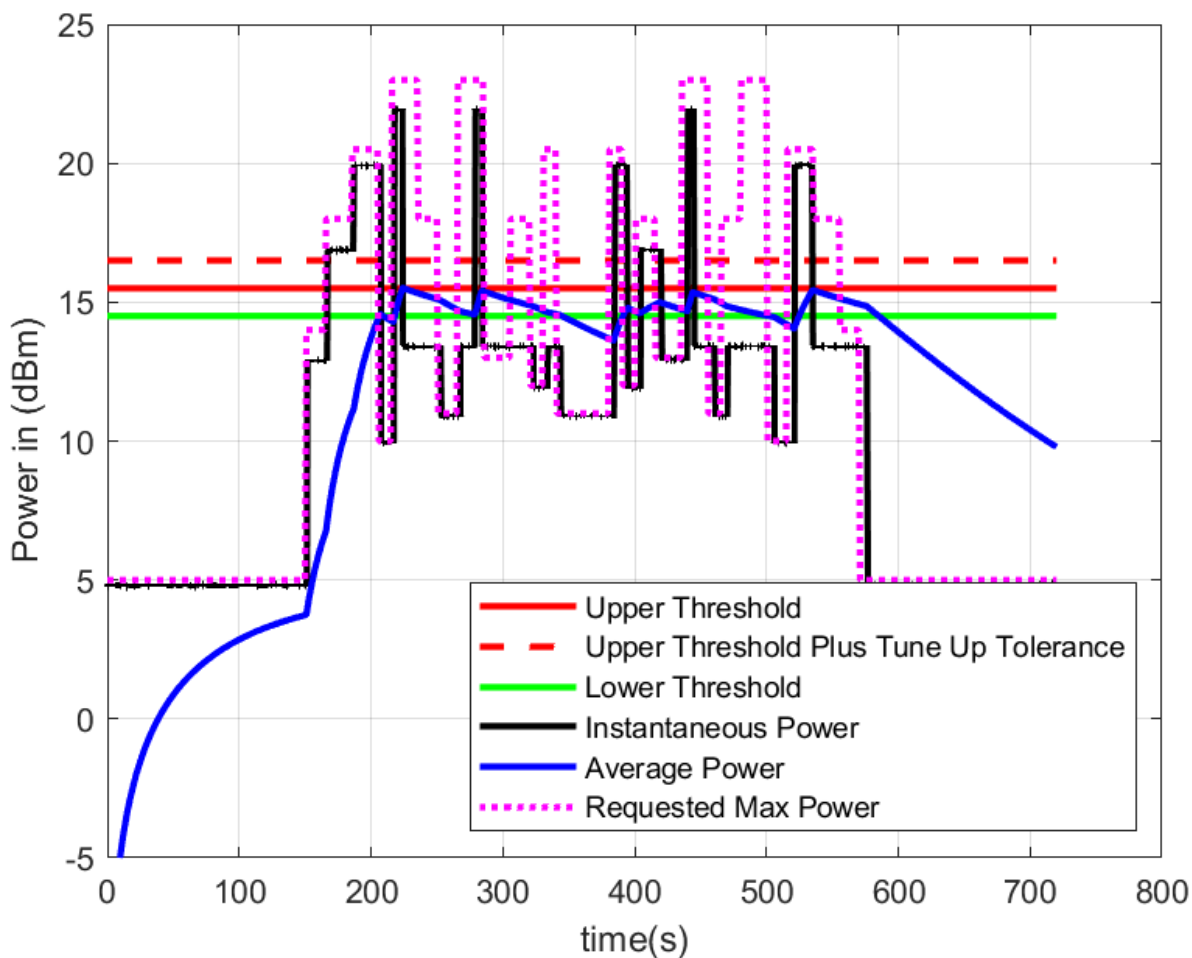
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Case 4: Sequence 2 - LTE Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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5.7 Time Varying Test Sequence – WCDMA

Table 5-6 - Test Cases for Time Varying Test Sequence of WCDMA bands

Case	RAT	Band	Max_Power_ DPR_OFF_ dBm	Roll_ Period_s	Check_ Period_s	Avg_SAR_ UppThresh_ dBm	Avg_SAR_ LowThresh_ dBm	Max_Power_ DPR_ON_ dBm
5	LTE	4	23.00	100	1	16.00	15.00	14.00
6	LTE	4	23.00	100	1	16.00	15.00	14.00

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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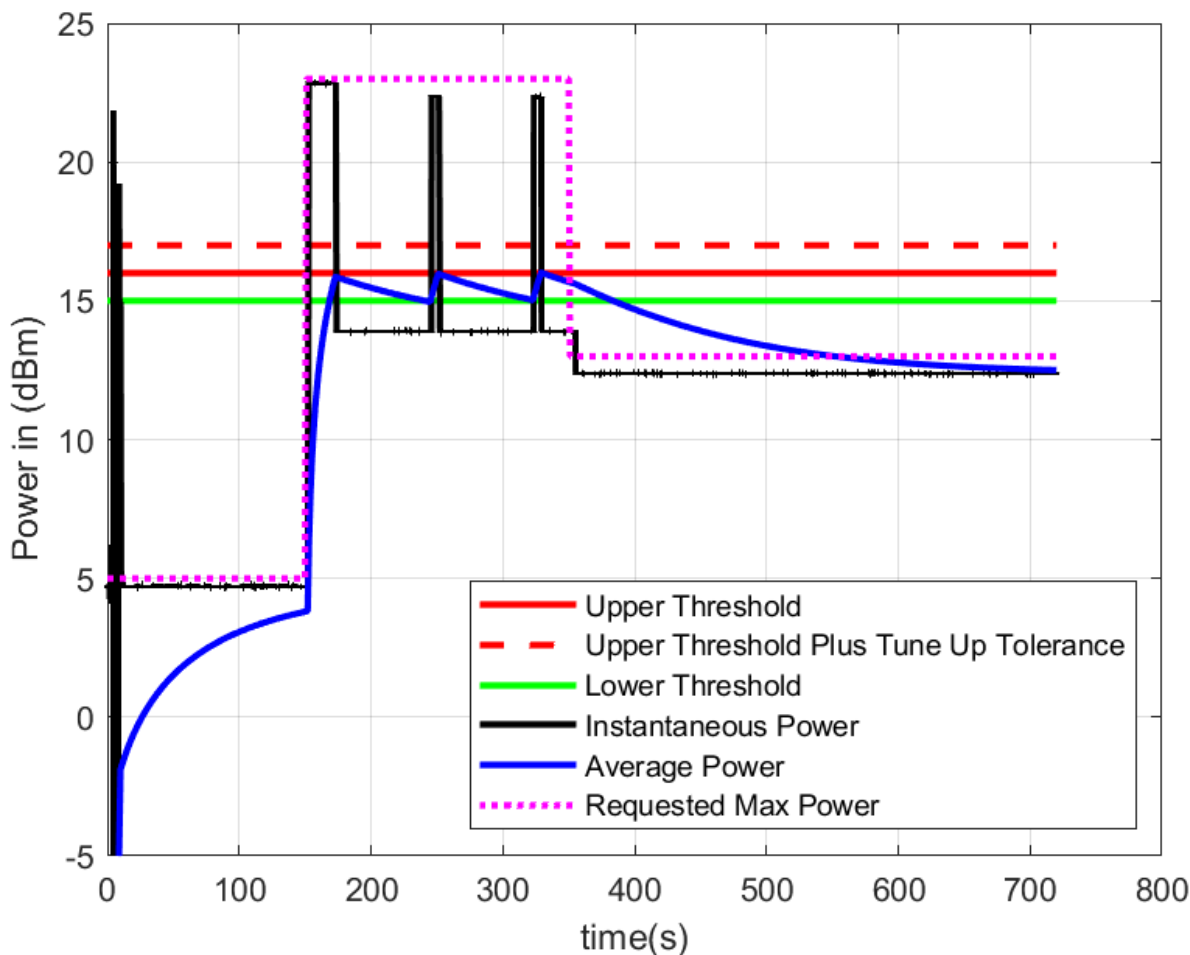
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Case 5: Sequence 1 - WCDMA Band 4 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
16.00	15.00	14.00



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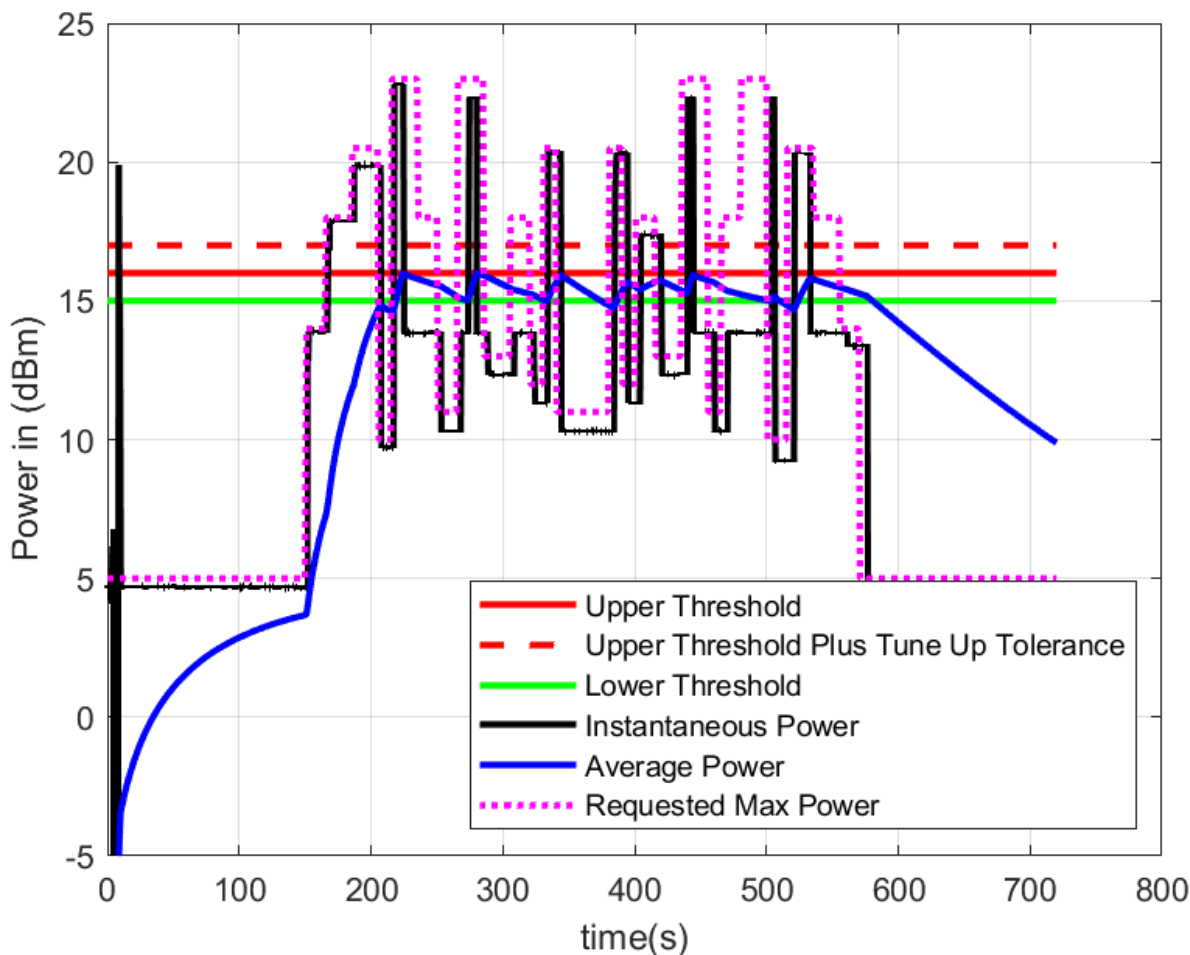
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Case 6: Sequence 2 - WCDMA Band 4 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
16.00	15.00	14.00



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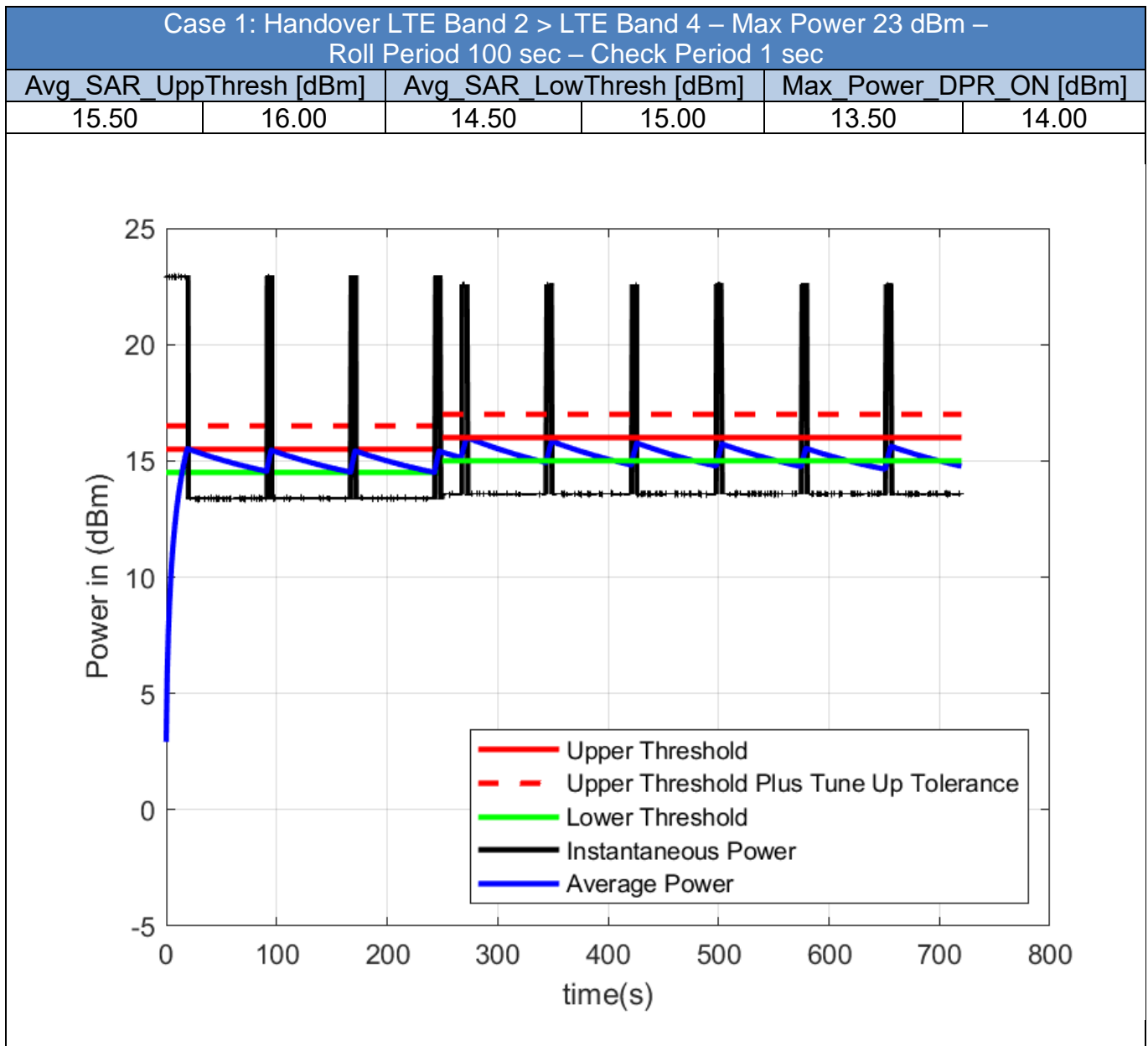
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5.8 Handover - LTE-LTE

Table 5-7 - Test Cases for Handover of LTE-LTE bands

Case	RAT	Band	Max Power_DPR_OFF_dBm	Roll_Period_s	Check_Period_s	Avg_SAR_UppThresh_dBm	Avg_SAR_LowThresh_dBm	Max_Power_DPR_ON_dBm
1	LTE	2	23.00	100	1	15.50	14.50	13.50
	LTE	4	23.00	100	1	16.00	15.00	14.00

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.



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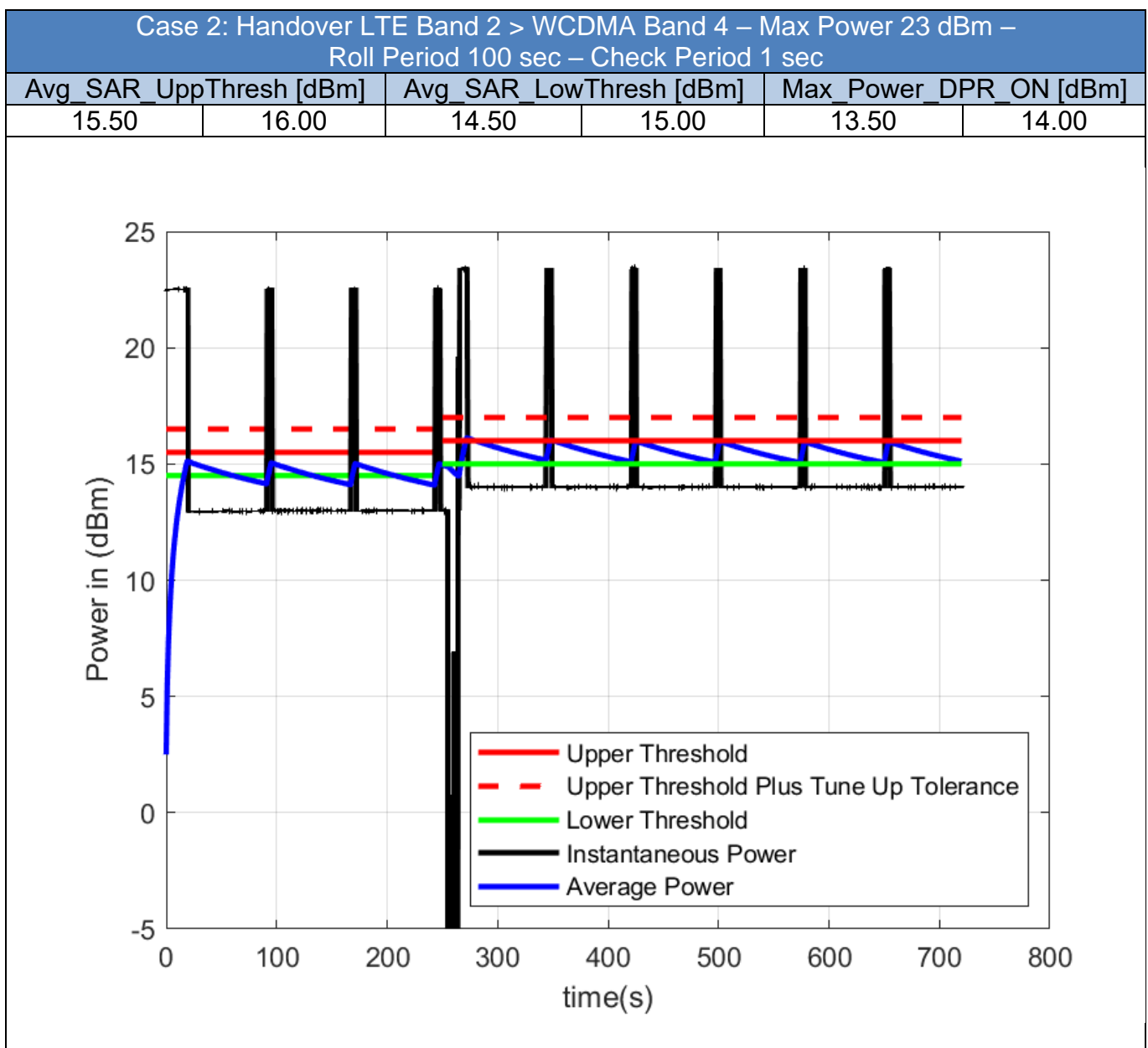
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5.9 Handover - LTE-WCDMA

Table 5-8 - Test Cases for Handover of LTE-WCDMA bands

Case	RAT	Band	Max Power_DPR_OFF_dBm	Roll_Period_s	Check_Period_s	Avg_SAR_UppThresh_dBm	Avg_SAR_LowThresh_dBm	Max_Power_DPR_ON_dBm
2	LTE	2	23.00	100	1	15.50	14.50	13.50
	WCDMA	4	23.00	100	1	16.00	15.00	14.00

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.



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5.10 Call Drop and Reboot - NR

Table 5-9 - Test Cases for Call Drop and Reboot of NR bands

Case	RAT	Band	Max_Power_ DPR_ OFF_dBm	Roll_ Period_ _s	Check_ Period_s	Avg_SAR_ UppThresh_ _dBm	Avg_SAR_ LowThresh_ _dBm	Max_Power_ DPR_ ON_dBm
1	NR	2	23.00	100	1	15.50	14.50	13.50
2	NR	2	23.00	100	1	15.50	14.50	13.50

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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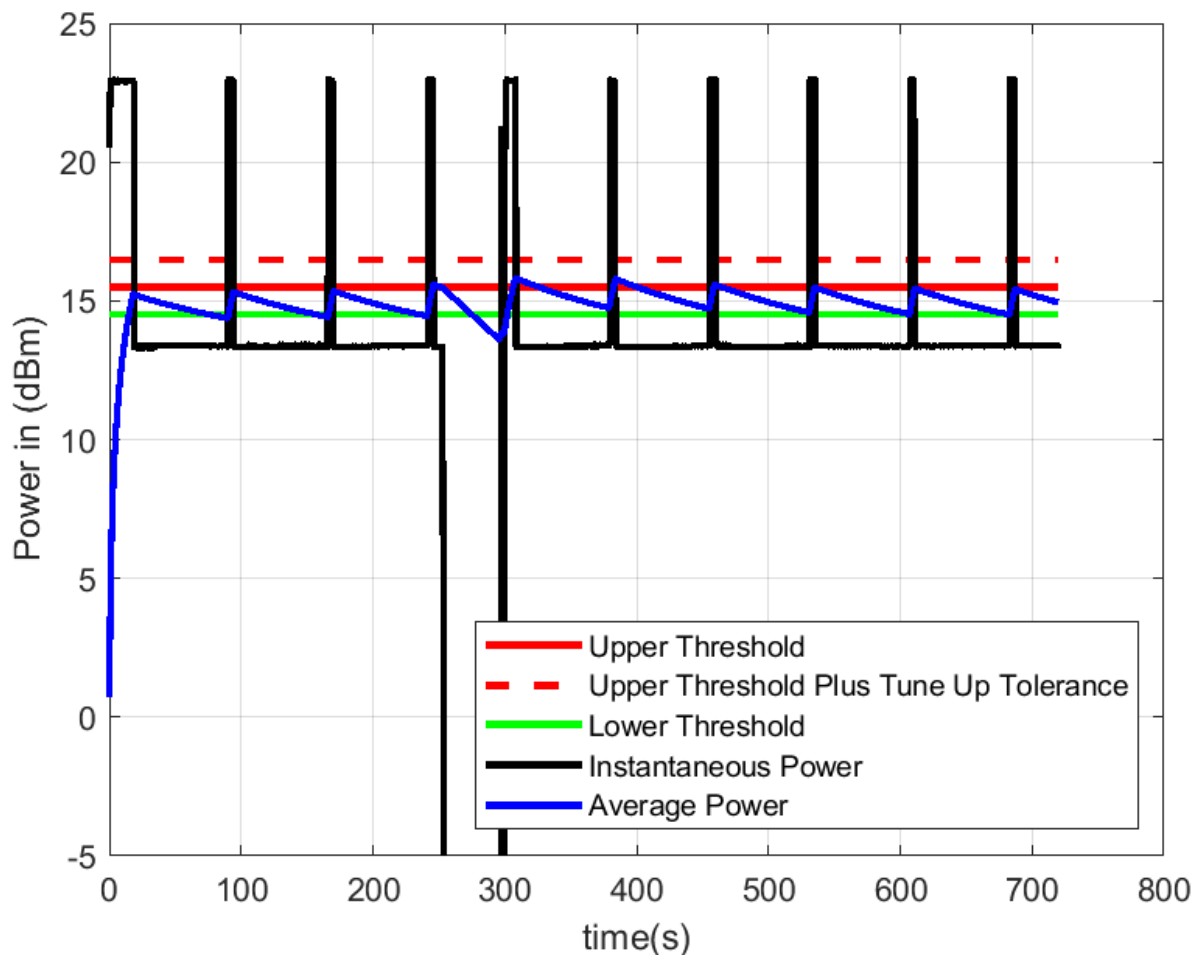
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Case 1: Call Drop - NR Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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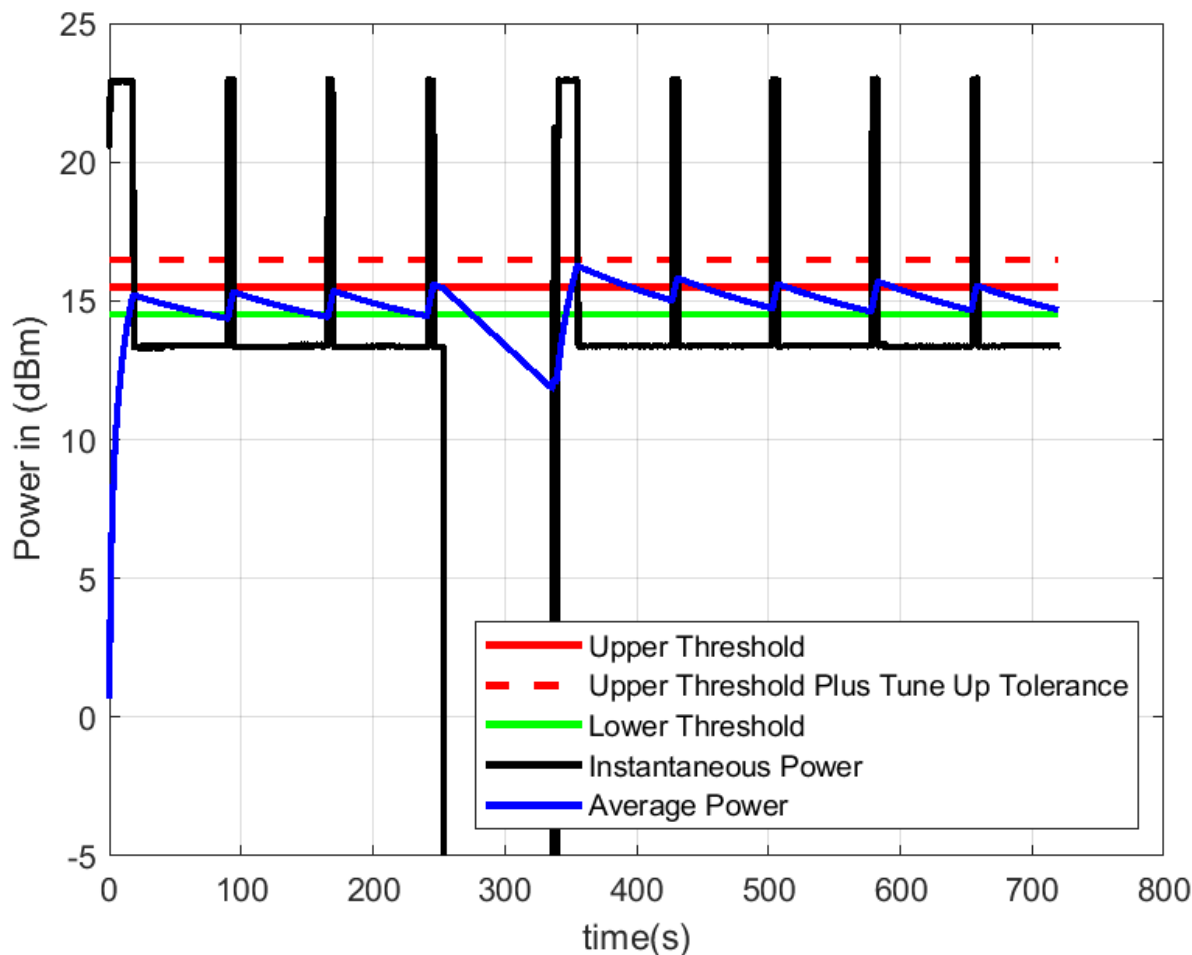
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Case 2: Reboot - NR Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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5.11 Call Drop and Reboot - LTE

Table 5-10 - Test Cases for Call Drop and Reboot of NR bands

Case	RAT	Band	Max_Power_ DPR_ OFF_dBm	Roll_ Period_ _s	Check_ Period_s	Avg_SAR_ UppThresh_ _dBm	Avg_SAR_ LowThresh_ _dBm	Max_Power_ DPR_ ON_dBm
3	LTE	2	23.00	100	1	15.50	14.50	13.50
4	LTE	2	23.00	100	1	15.50	14.50	13.50

Note: The Average power is calculated using the measured instantaneous power and compared to the UpperThreshold Plus Tune-Up Tolerance. This is applied for all the test cases in this report.

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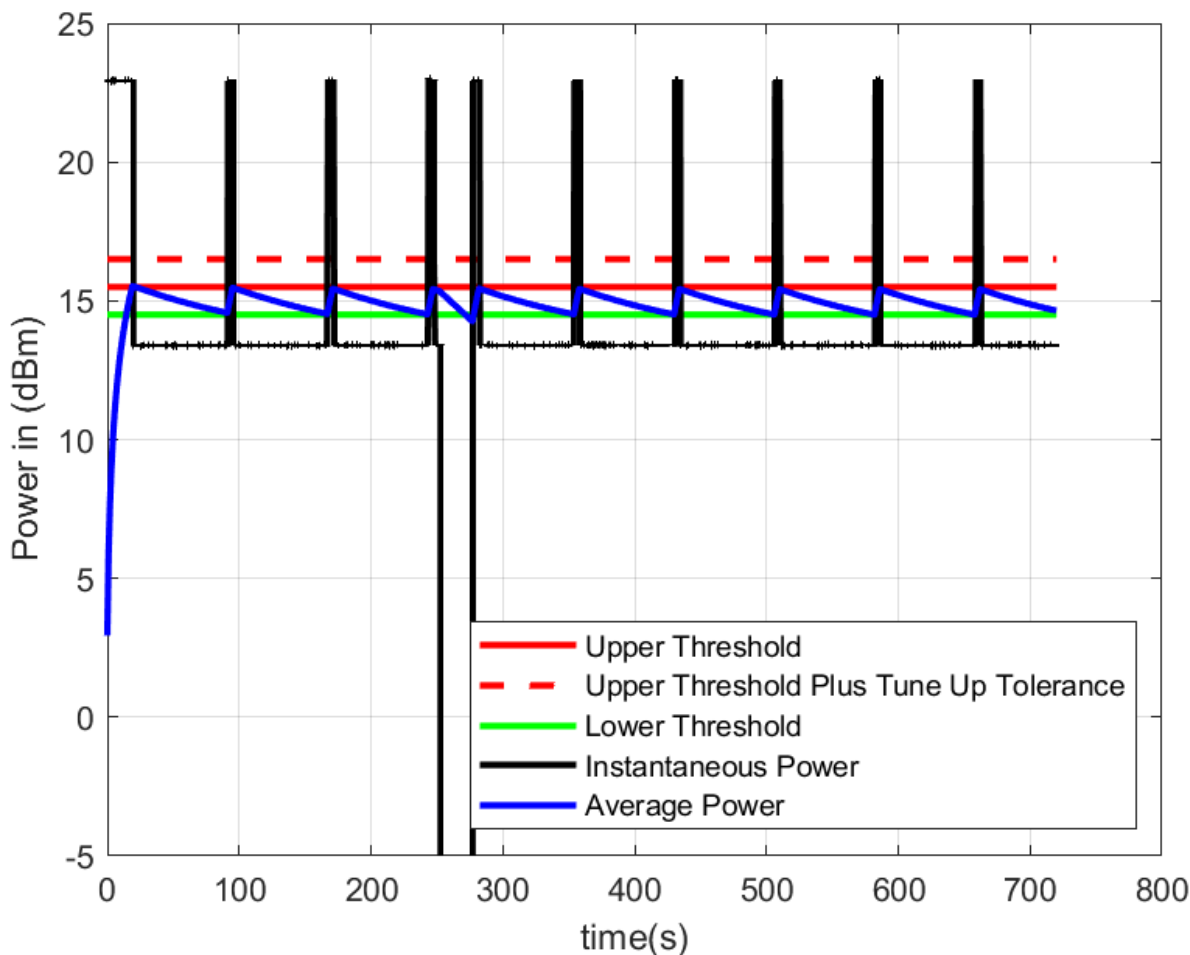
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Case 3: Call Drop - LTE Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



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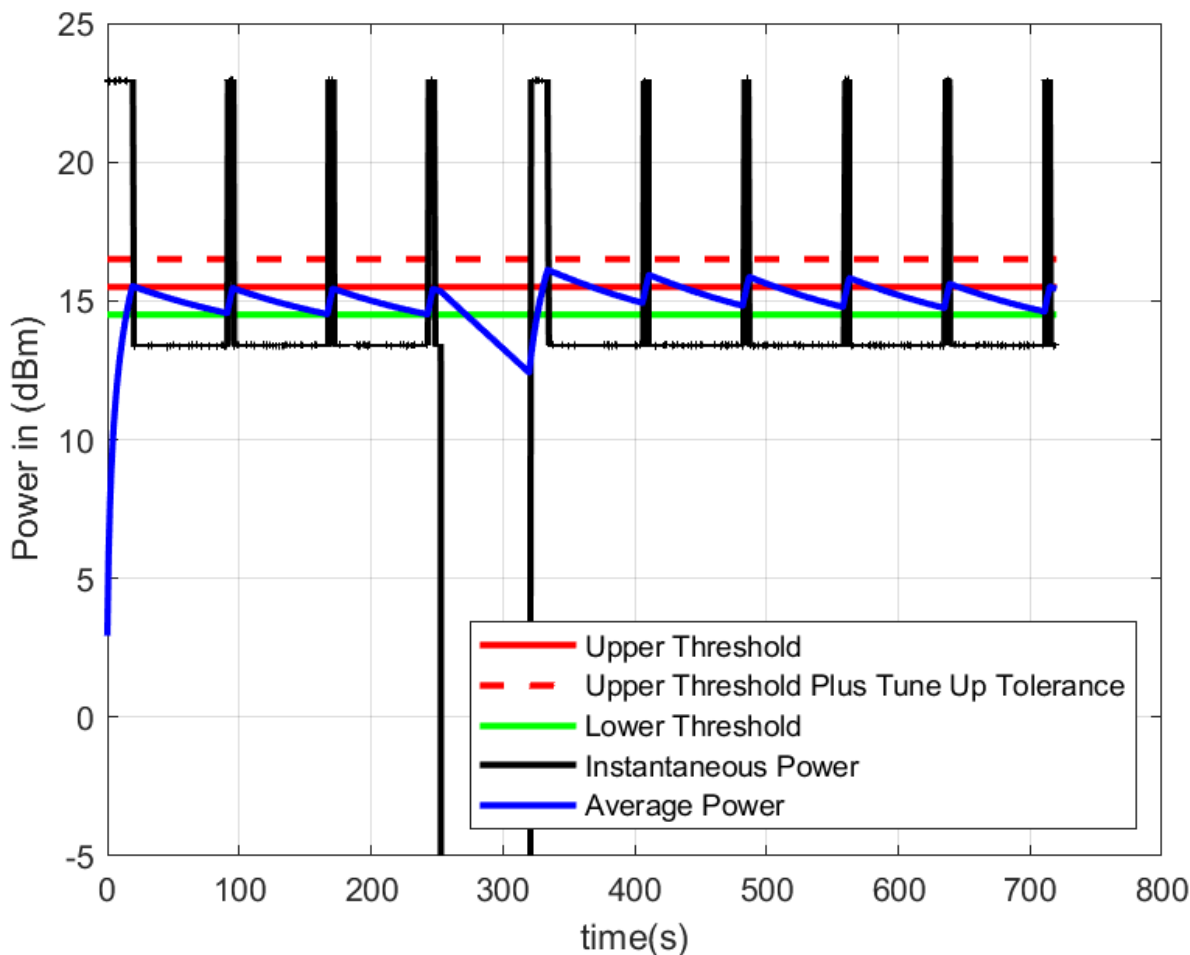
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Case 4: Reboot - LTE Band 2 – Max Power 23 dBm –
Roll Period 100 sec – Check Period 1 sec

Avg SAR UppThresh [dBm]	Avg SAR LowThresh [dBm]	Max Power DPR ON [dBm]
15.50	14.50	13.50



- End of report -

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