

FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-3

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	19.07.2022 17:21:32
Ambit Temp [°C]   Humidity [rel%]	27.8   32
System Version	3.2.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-3
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	True   Freq [MHz] 5825
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5825 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	20.17	dBm	INFO
Ref. Frequency	---	---	5830.790	MHz	INFO

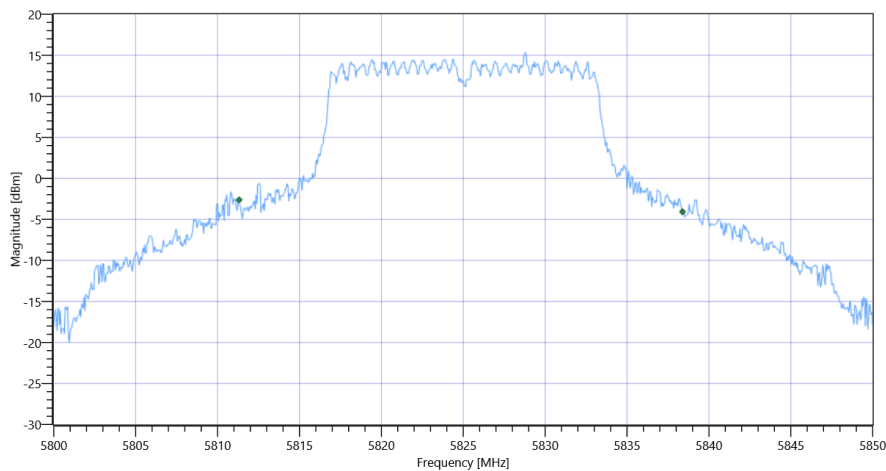
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	28.17   18.74   25
Start [MHz]   Stop [MHz]	5800.000   5850.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

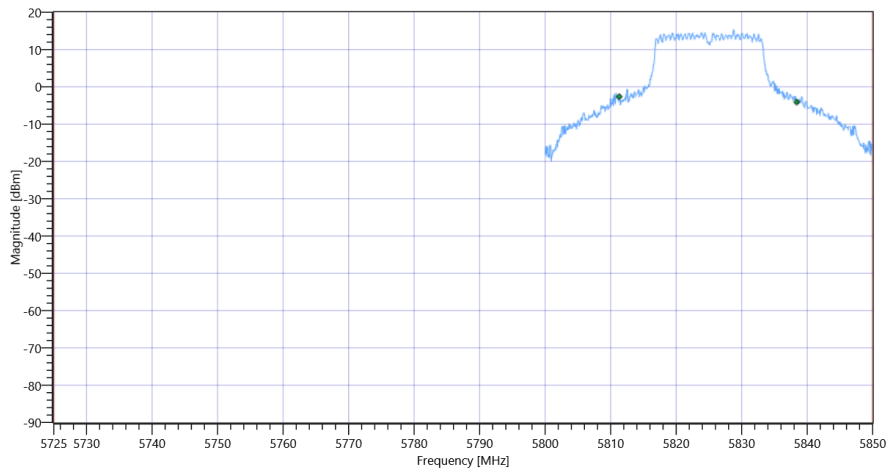
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	27.073	MHz	INFO
T1 99%	5725.000000	---	5811.3137	MHz	PASS
T2 99%	---	5850.000000	5838.3866	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-3 99PCT

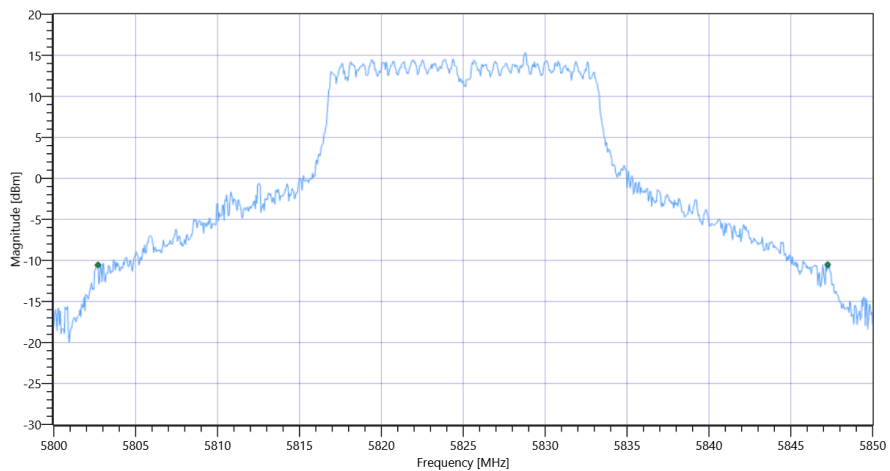
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-3

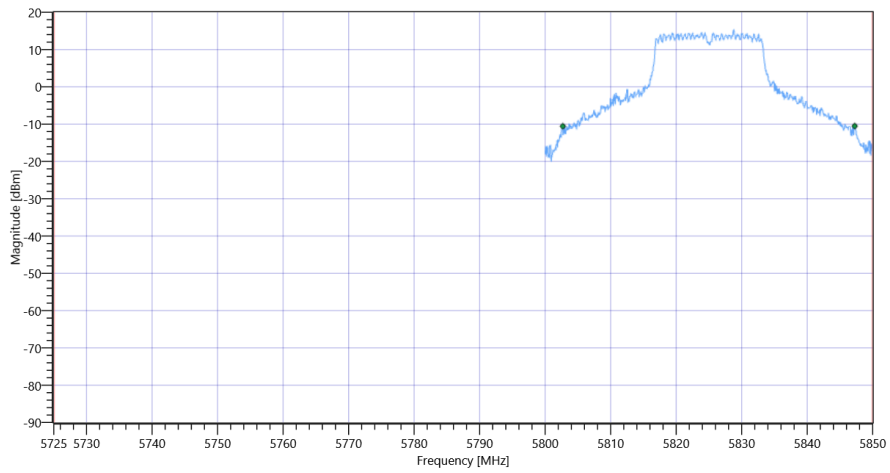
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 20dB	---	---	44.55	MHz	INFO
T1 26dB	5725.000000	---	5802.7000	MHz	PASS
T2 26dB	---	5850.000000	5847.2500	MHz	PASS

Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-3 26dB

Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-3

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	22.08.2022 16:06:10
Ambit Temp [°C]   Humidity [rel%]	26.8   38
System Version	3.3.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5180 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.94	dBm	INFO
Ref. Frequency	---	---	5178.800	MHz	INFO

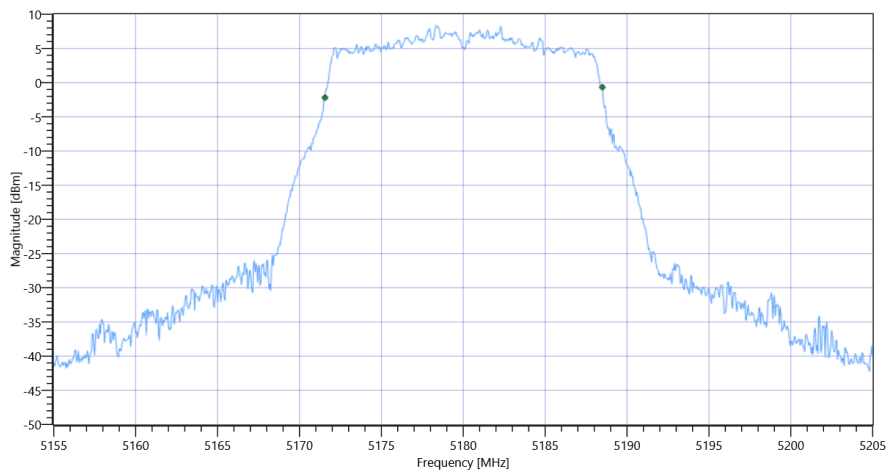
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	20.94   17.99   20
Start [MHz]   Stop [MHz]	5155.000   5205.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

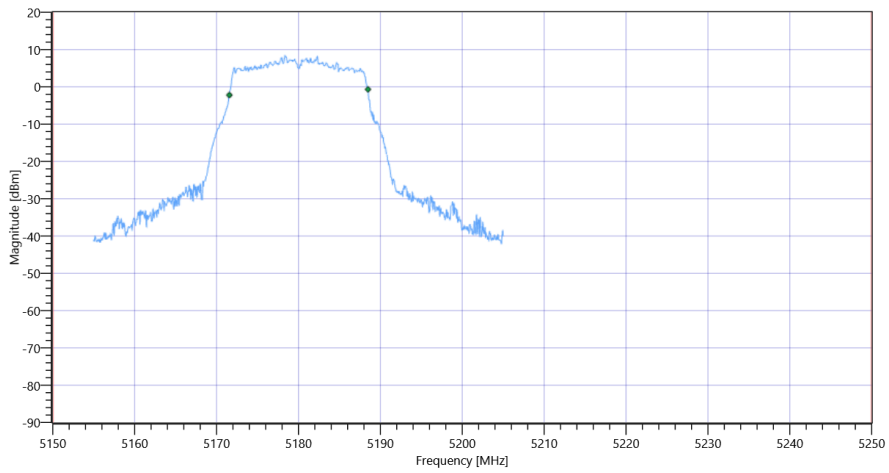
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.933	MHz	INFO
T1 99%	5150.000000	---	5171.5584	MHz	PASS
T2 99%	---	5250.000000	5188.4915	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 99PCT

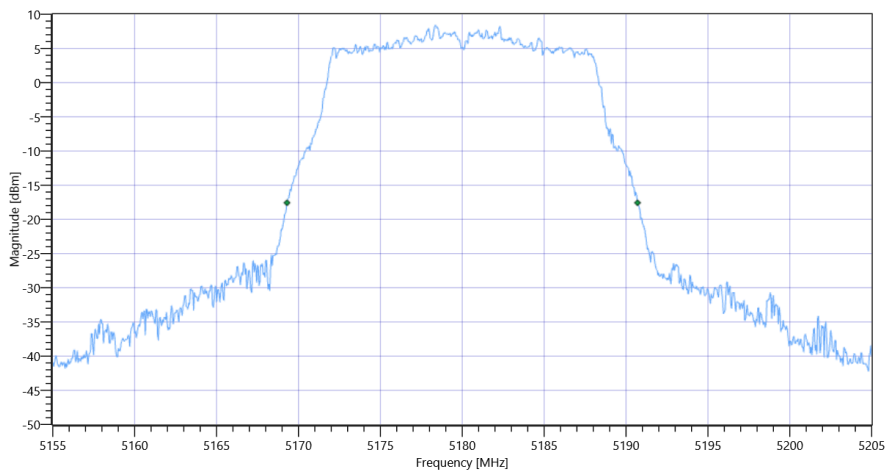
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.4	MHz	INFO
T1 26dB	5150.000000	---	5169.3000	MHz	PASS
T2 26dB	---	5250.000000	5190.7000	MHz	PASS

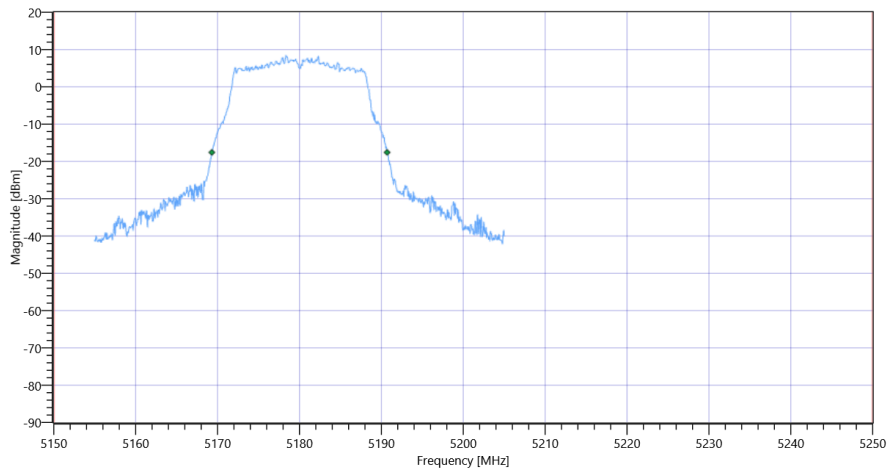
Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 26dB

Plot: Bandwidth within Band





FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	22.08.2022 16:09:16
Ambit Temp [°C]   Humidity [rel%]	26.7   38
System Version	3.3.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5180 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.11	dBm	INFO
Ref. Frequency	---	---	5179.400	MHz	INFO

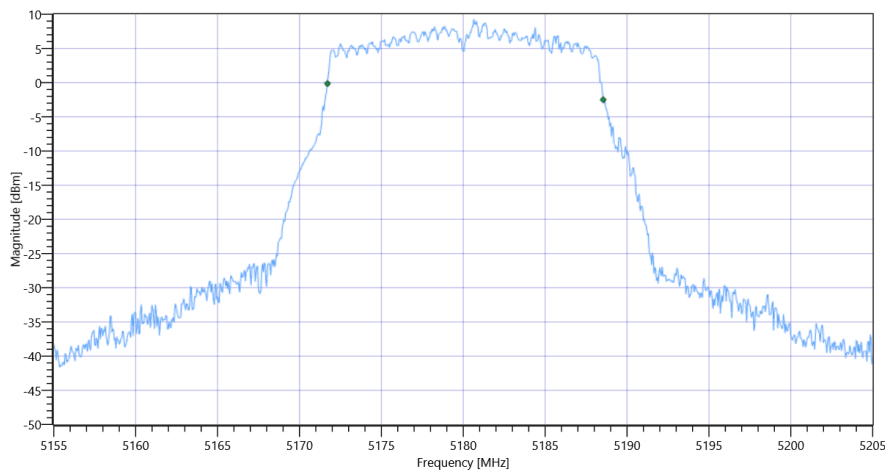
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	21.11   17.99   20
Start [MHz]   Stop [MHz]	5155.000   5205.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

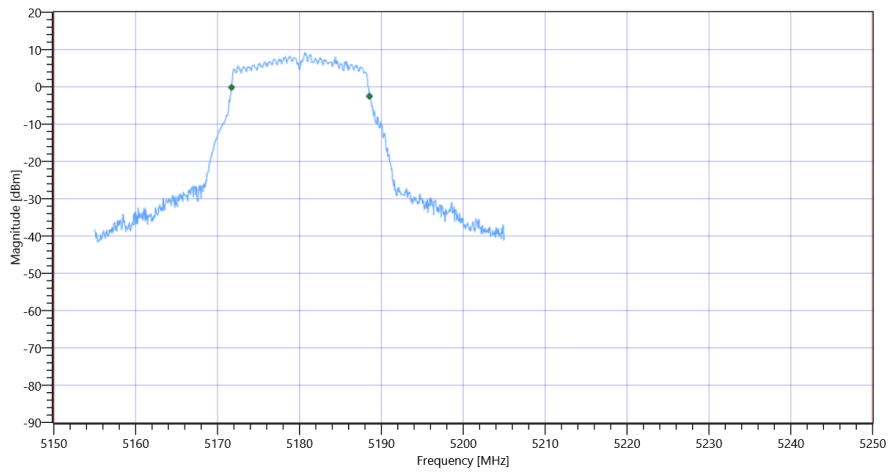
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.833	MHz	INFO
T1 99%	5150.000000	---	5171.7083	MHz	PASS
T2 99%	---	5250.000000	5188.5415	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 99PCT

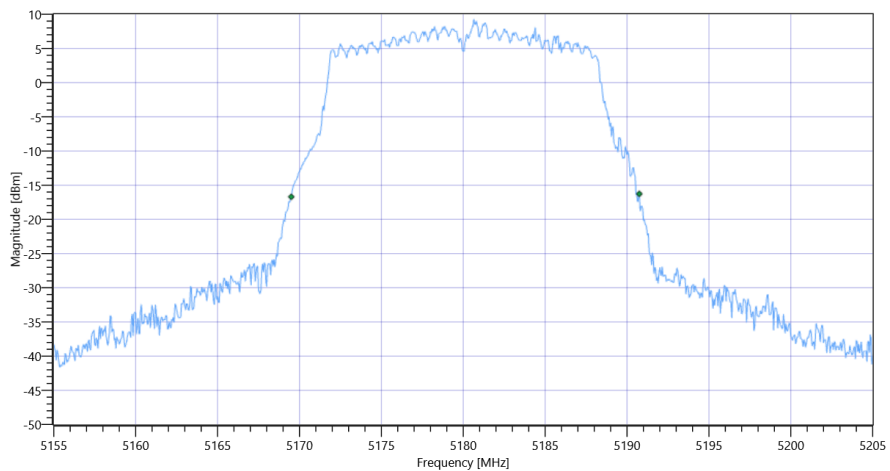
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

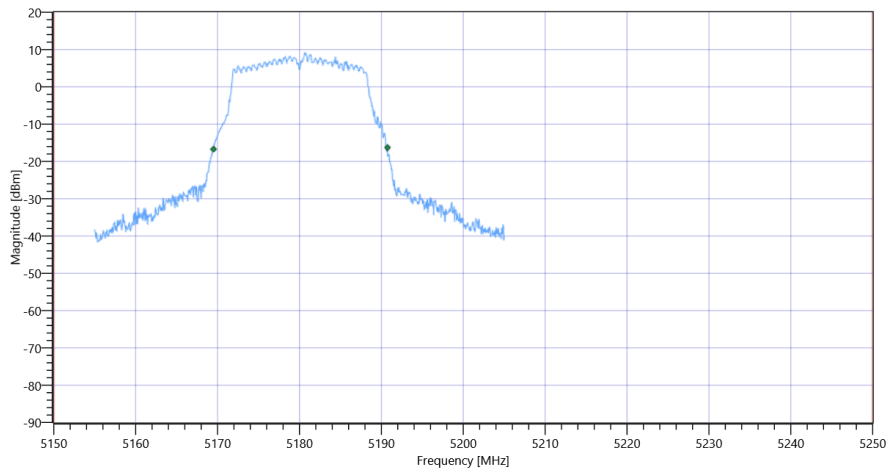
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.25	MHz	INFO
T1 26dB	5150.000000	---	5169.5000	MHz	PASS
T2 26dB	---	5250.000000	5190.7500	MHz	PASS

Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 26dB

Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	22.08.2022 16:18:35
Ambit Temp [°C]   Humidity [rel%]	26.6   38
System Version	3.3.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	True   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5200 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.03	dBm	INFO
Ref. Frequency	---	---	5195.600	MHz	INFO

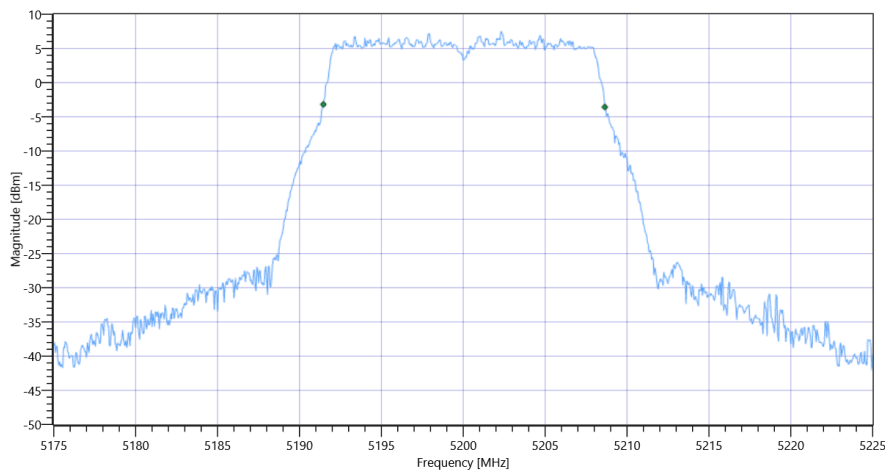
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	20.03   17.91   20
Start [MHz]   Stop [MHz]	5175.000   5225.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

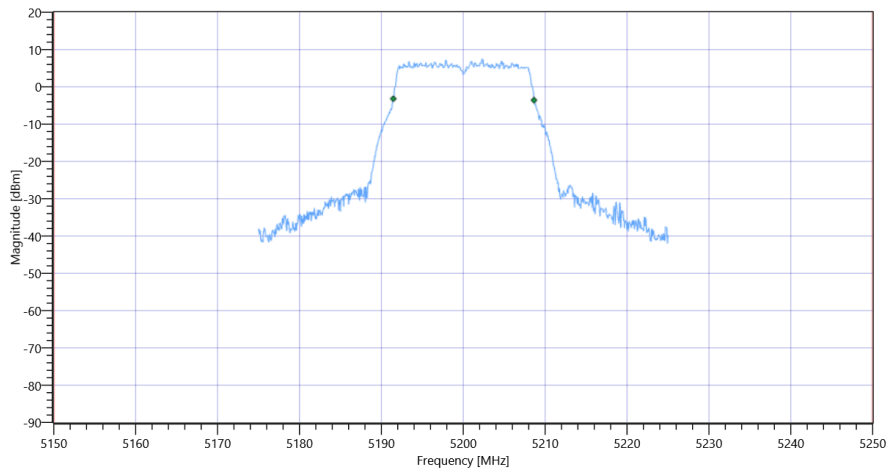
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.183	MHz	INFO
T1 99%	5150.000000	---	5191.4585	MHz	PASS
T2 99%	---	5250.000000	5208.6414	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 99PCT

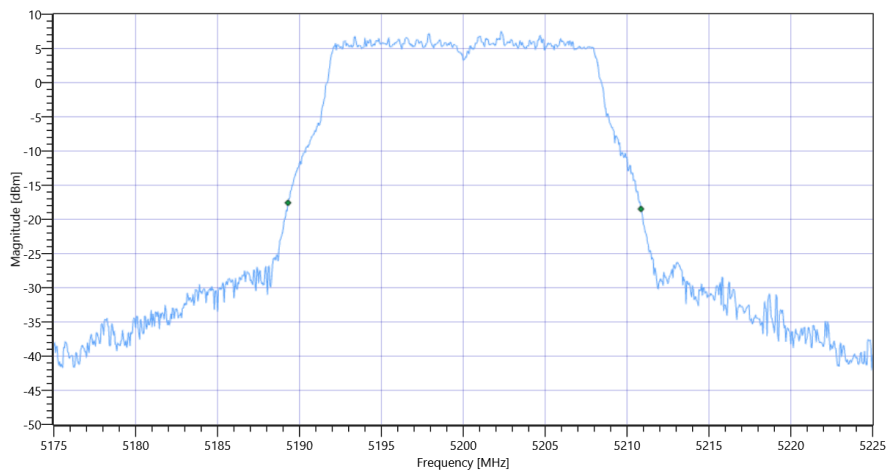
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.55	MHz	INFO
T1 26dB	5150.000000	---	5189.3000	MHz	PASS
T2 26dB	---	5250.000000	5210.8500	MHz	PASS

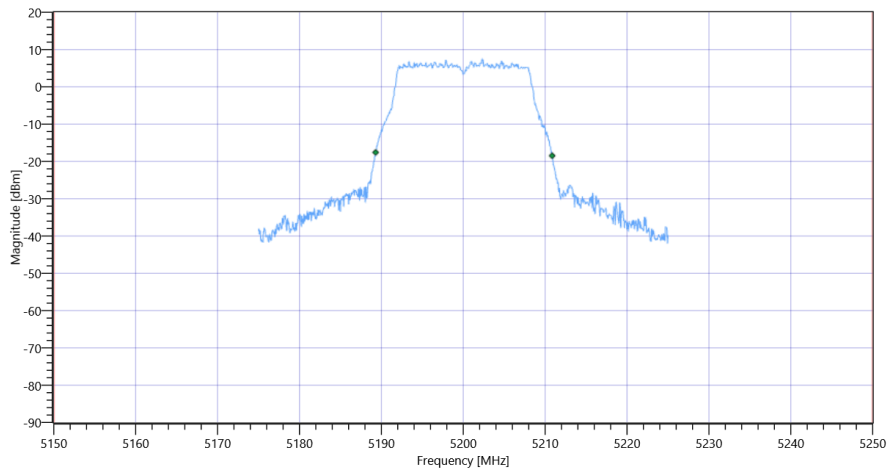
Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 26dB

Plot: Bandwidth within Band





FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	22.08.2022 16:21:16
Ambit Temp [°C]   Humidity [rel%]	26.5   38
System Version	3.3.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	True   Freq [MHz] 5200
Frequency high to test	False   Freq [MHz] 5240
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5200 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	12.76	dBm	INFO
Ref. Frequency	---	---	5197.600	MHz	INFO

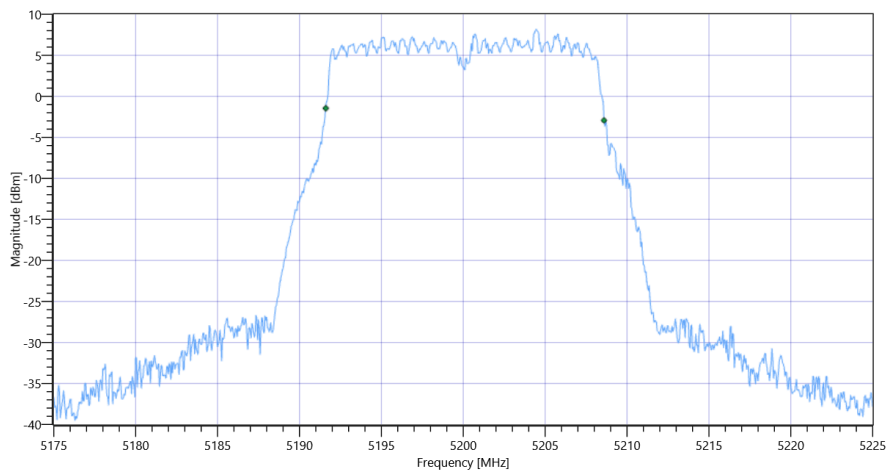
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	20.76   17.91   20
Start [MHz]   Stop [MHz]	5175.000   5225.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

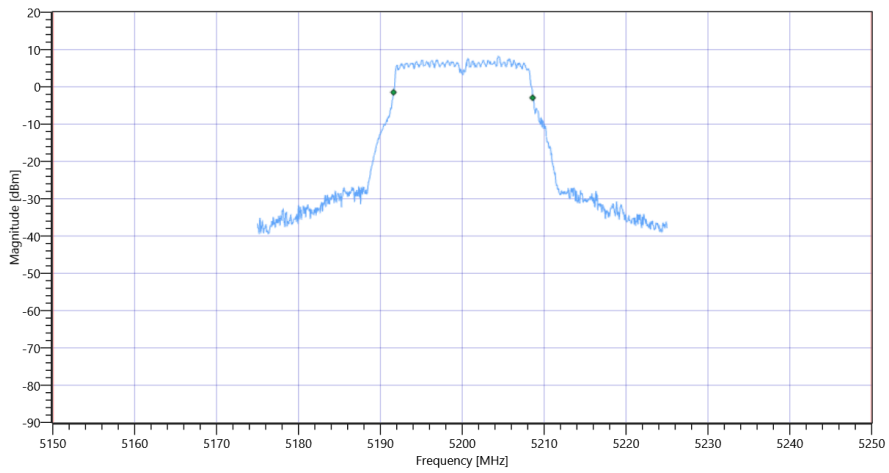
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.983	MHz	INFO
T1 99%	5150.000000	---	5191.6084	MHz	PASS
T2 99%	---	5250.000000	5208.5914	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 99PCT

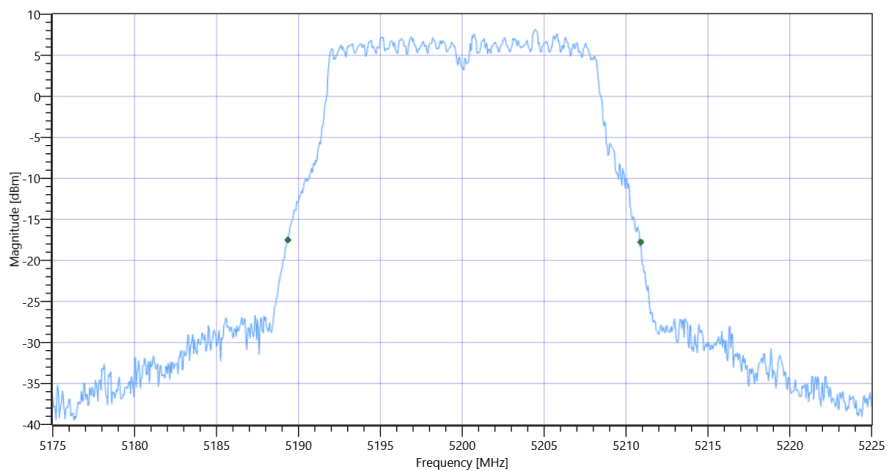
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

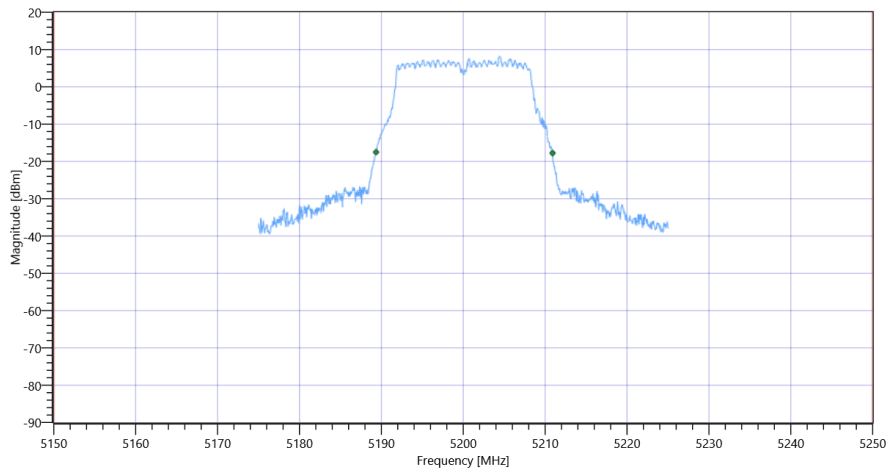
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.55	MHz	INFO
T1 26dB	5150.000000	---	5189.3500	MHz	PASS
T2 26dB	---	5250.000000	5210.9000	MHz	PASS

Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 26dB

Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	22.08.2022 16:24:36
Ambit Temp [°C]   Humidity [rel%]	26.5   38
System Version	3.3.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	True   Freq [MHz] 5240
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5240 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	11.98	dBm	INFO
Ref. Frequency	---	---	5241.600	MHz	INFO

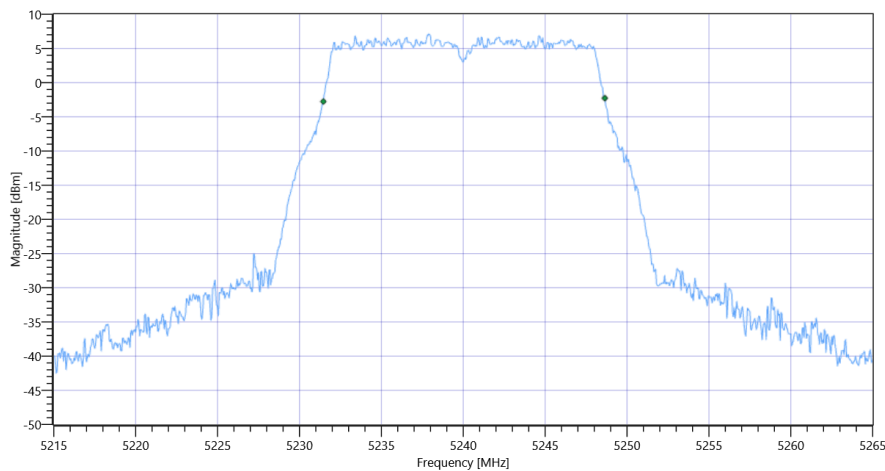
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	19.98   18.56   20
Start [MHz]   Stop [MHz]	5215.000   5265.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

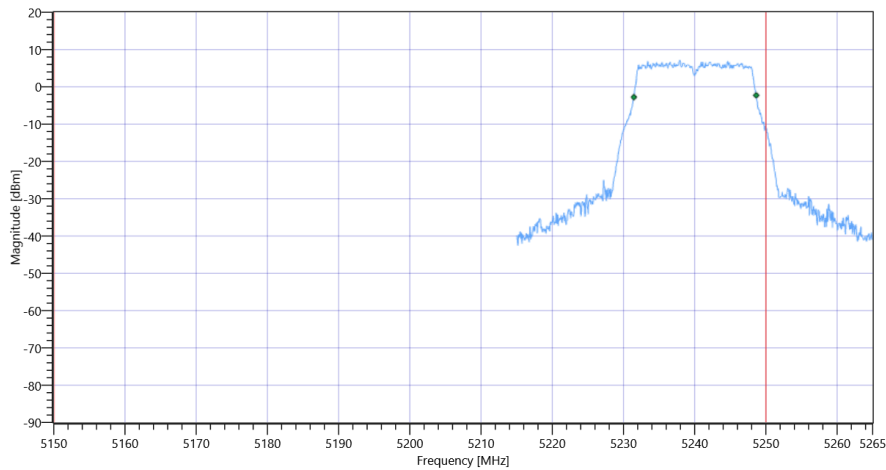
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	17.183	MHz	INFO
T1 99%	5150.000000	---	5231.4585	MHz	PASS
T2 99%	---	5250.000000	5248.6414	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 99PCT

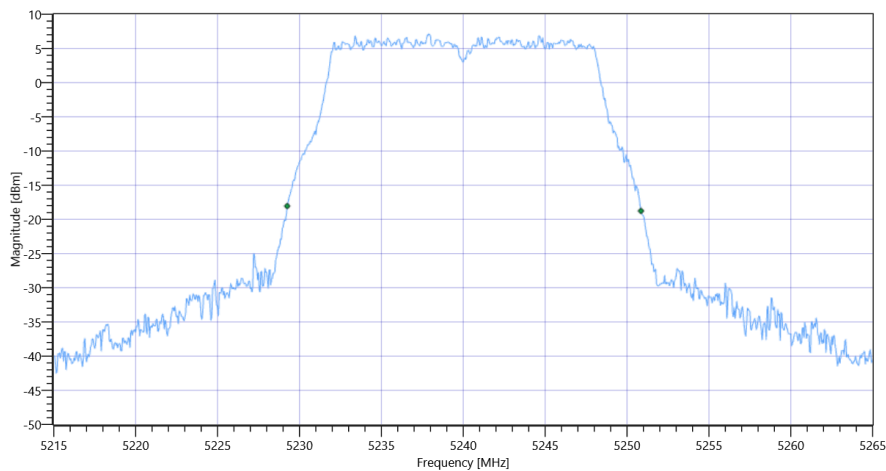
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.6	MHz	INFO
T1 26dB	5150.000000	---	5229.2500	MHz	PASS
T2 26dB	---	5250.000000	5250.8500	MHz	DFS required

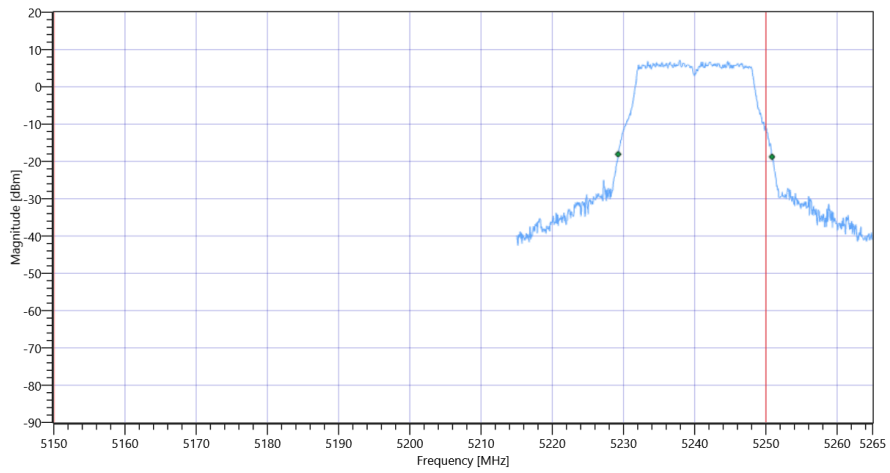
Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 26dB

Plot: Bandwidth within Band





FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

General verdict

PASS

## FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

Test References	
TC Start	22.08.2022 16:27:11
Ambit Temp [°C]   Humidity [rel%]	26.4   38
System Version	3.3.0.2
Test Specification	FCC 15.407, ISED RSS247 -
Test Method	26dB Bandwidth KDB789033 D02, C.1 / ISED RSS-GEN
TC Version	0.0.1
My Description	FCC 15.407 Bandwidths - WLAN5Gx a mode U-NII-1
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5180
Frequency mid to test	False   Freq [MHz] 5200
Frequency high to test	True   Freq [MHz] 5240
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5240 MHz

### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.92	dBm	INFO
Ref. Frequency	---	---	5243.000	MHz	INFO

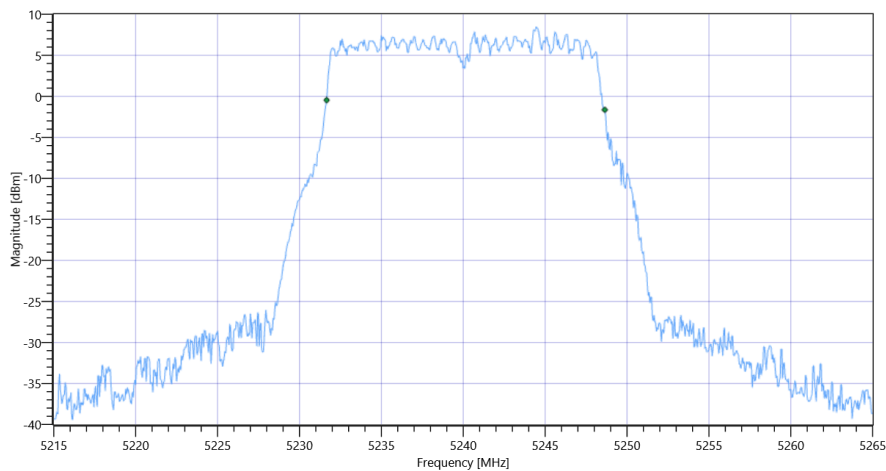
### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	21.92   18.56   20
Start [MHz]   Stop [MHz]	5215.000   5265.000
RBW [MHz]   VBW [MHz]	0.300000   1.000000
Detector   TraceMode	POS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	1   2500   1001   SWE

### RESULT

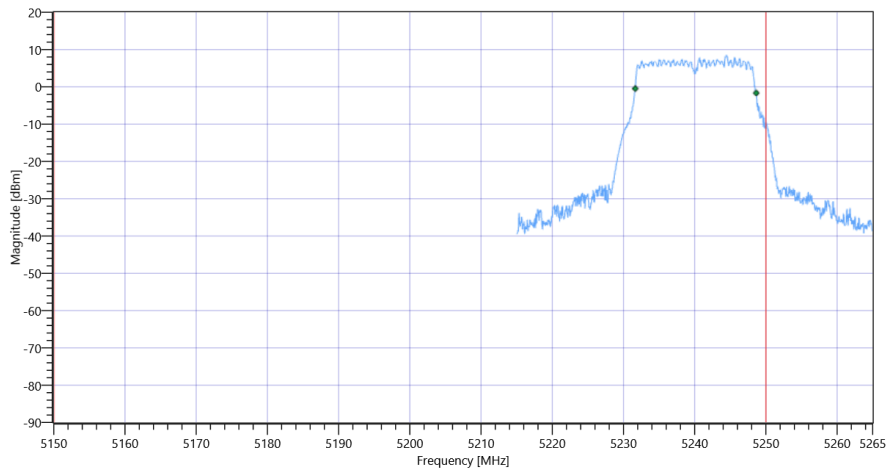
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 99%	---	---	16.983	MHz	INFO
T1 99%	5150.000000	---	5231.6583	MHz	PASS
T2 99%	---	5250.000000	5248.6414	MHz	PASS

### Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 99PCT

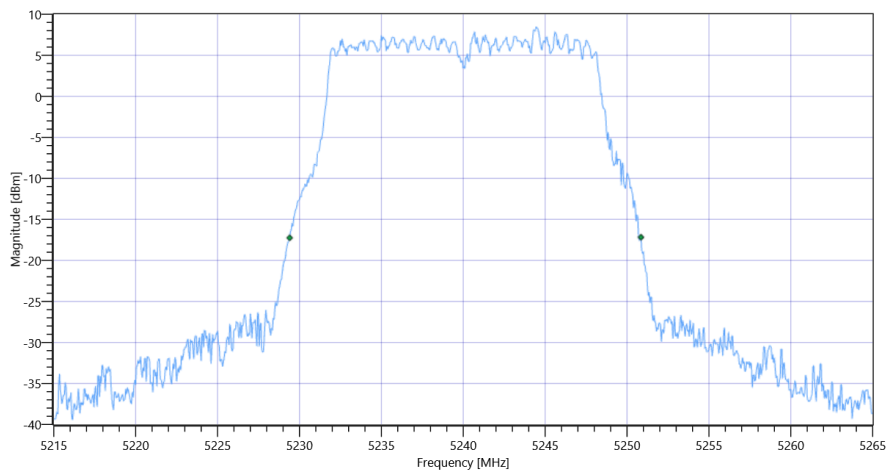
### Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

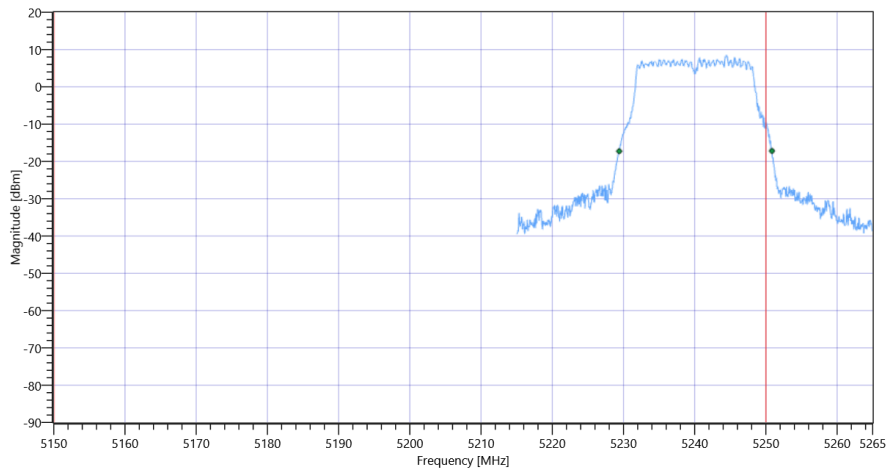
RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.45	MHz	INFO
T1 26dB	5150.000000	---	5229.4000	MHz	PASS
T2 26dB	---	5250.000000	5250.8500	MHz	DFS required

Plot: Bandwidth only



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1 26dB

Plot: Bandwidth within Band



FCC 15.407, ISED RSS247 # Bandwidths 99PCT and 26dB ~ WLAN5Gx a mode U-NII-1

General verdict

PASS

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	19.07.2022 15:28:49
Ambit Temp [°C]   Humidity [rel%]	27.4   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5260 MHz

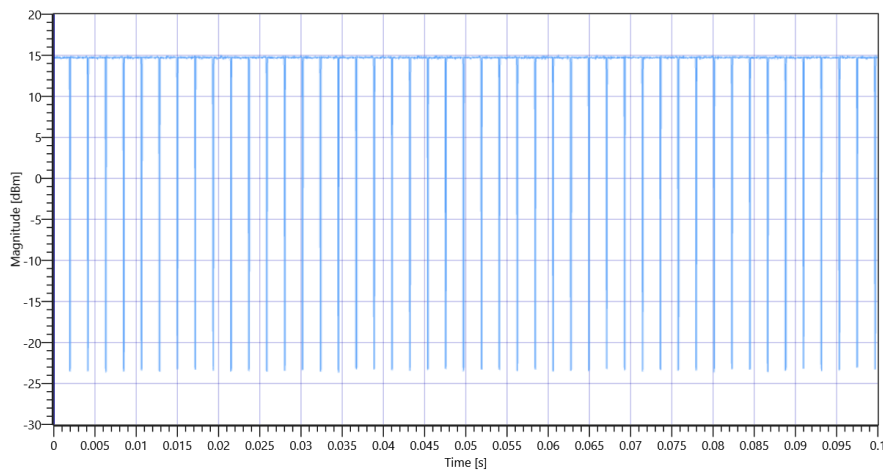
RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.73	dBm	INFO
Ref. Frequency	---	---	5258.000	MHz	INFO

## Evaluation max. Duty Cycle

Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Summary					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

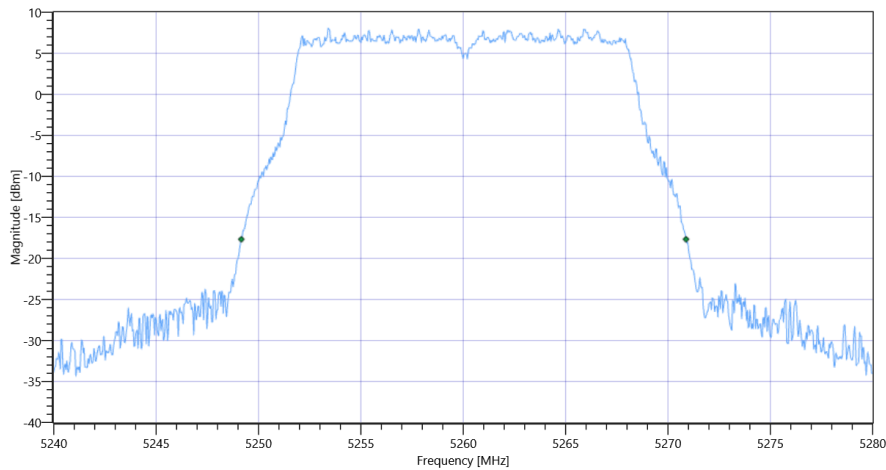


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A 5260 MHz - DutyCycle

## Evaluation Bandwidth

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.72	MHz	INFO
T1 26dB	---	---	5249.1600	MHz	INFO
T2 26dB	---	---	5270.8800	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A\_BW

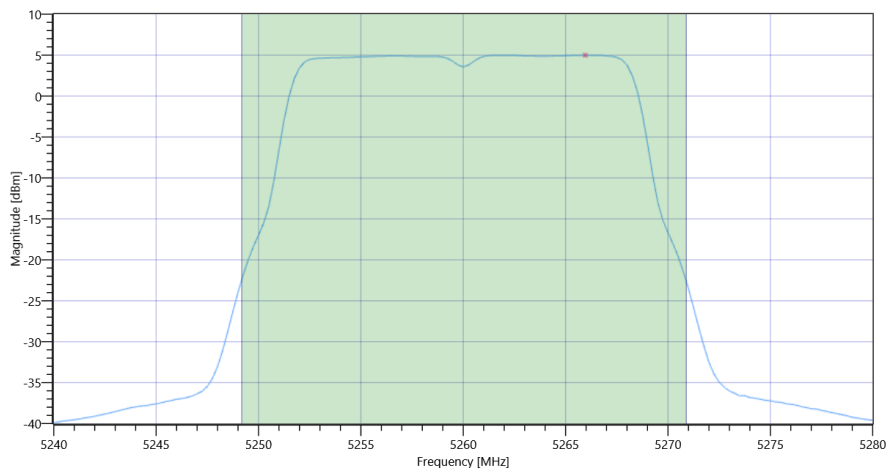
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	25.73   18.82   25
Start [MHz]   Stop [MHz]	5240.000   5280.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	16.7	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	17.01	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.37	17.01	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A Max OP and PSD



Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	4.98	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	5.29	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	19.07.2022 15:33:41
Ambit Temp [°C]   Humidity [rel%]	27.4   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5260 MHz

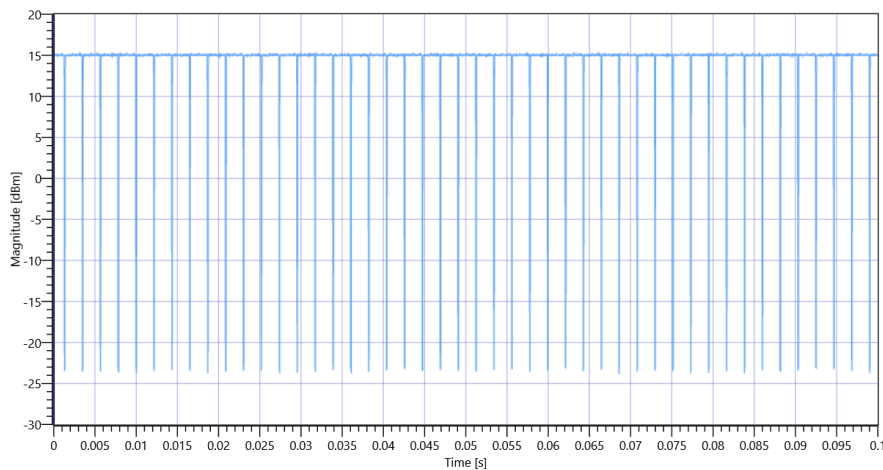
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.75	dBm	INFO
Ref. Frequency	---	---	5258.400	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

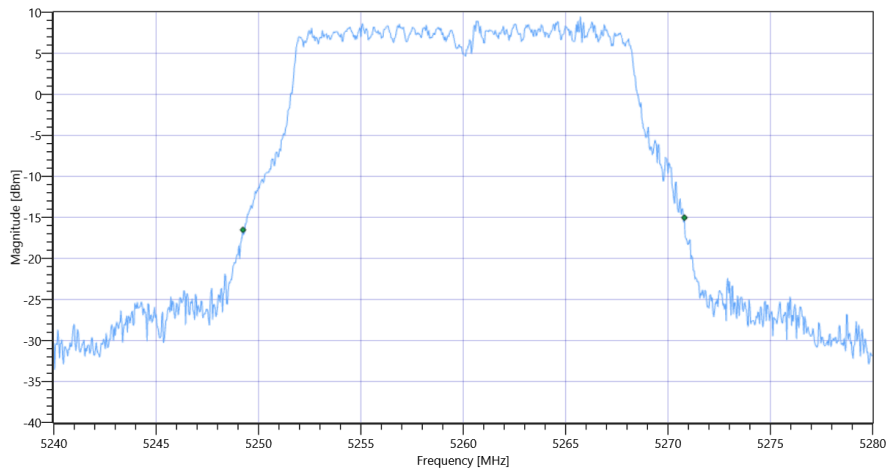


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A 5260 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.56	MHz	INFO
T1 26dB	---	---	5249.2400	MHz	INFO
T2 26dB	---	---	5270.8000	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A\_BW

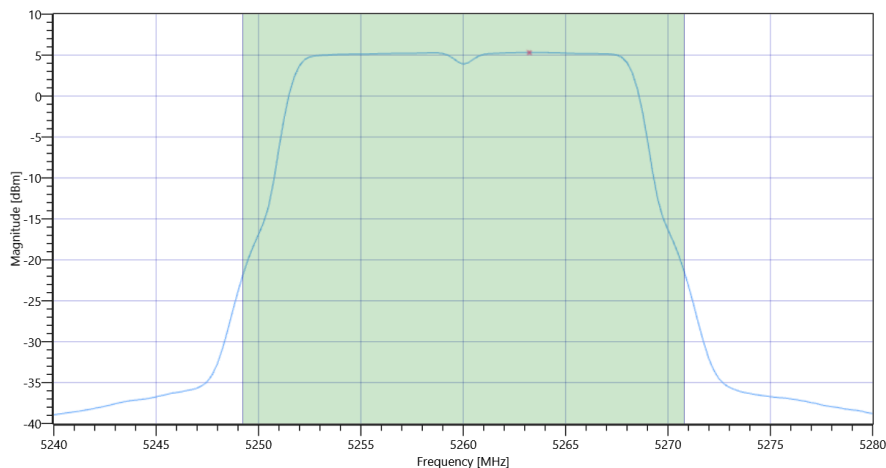
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	26.75   18.82   25
Start [MHz]   Stop [MHz]	5240.000   5280.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	17.03	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	17.34	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.34	17.34	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A Max OP and PSD

Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	5.31	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	5.62	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	19.07.2022 15:39:09
Ambit Temp [°C]   Humidity [rel%]	27.4   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	True   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5280 MHz

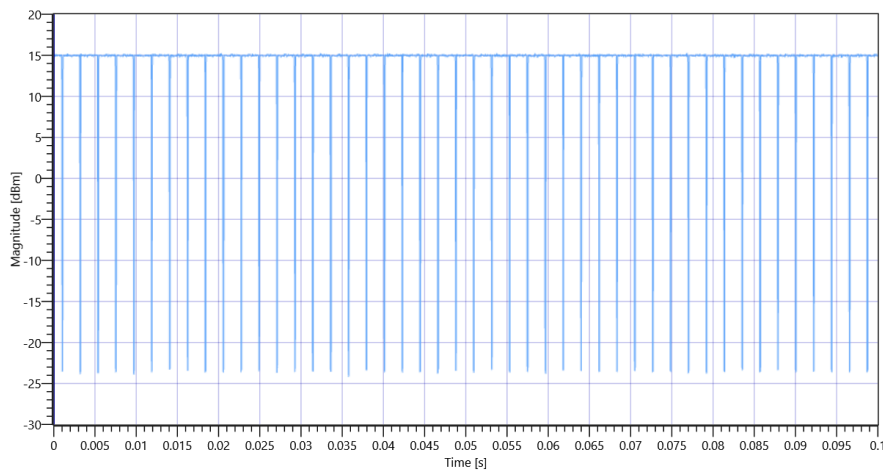
RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.25	dBm	INFO
Ref. Frequency	---	---	5277.000	MHz	INFO

## Evaluation max. Duty Cycle

Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Summary					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

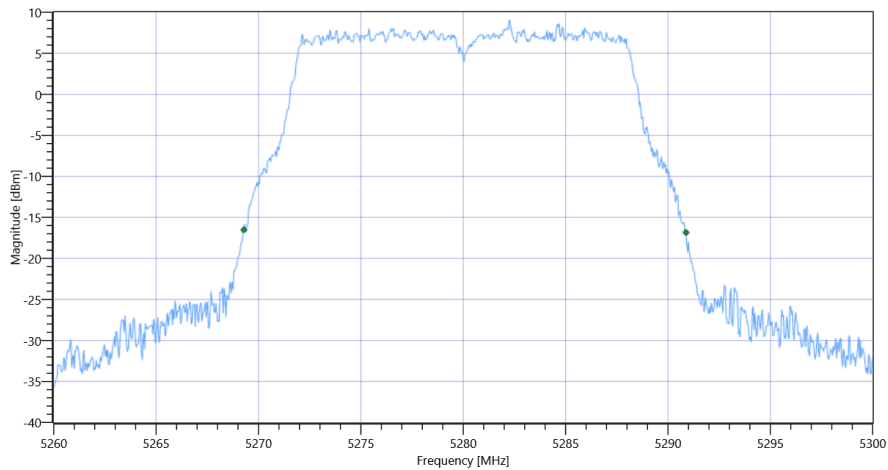


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A 5280 MHz - DutyCycle

## Evaluation Bandwidth

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.6	MHz	INFO
T1 26dB	---	---	5269.2800	MHz	INFO
T2 26dB	---	---	5290.8800	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A\_BW

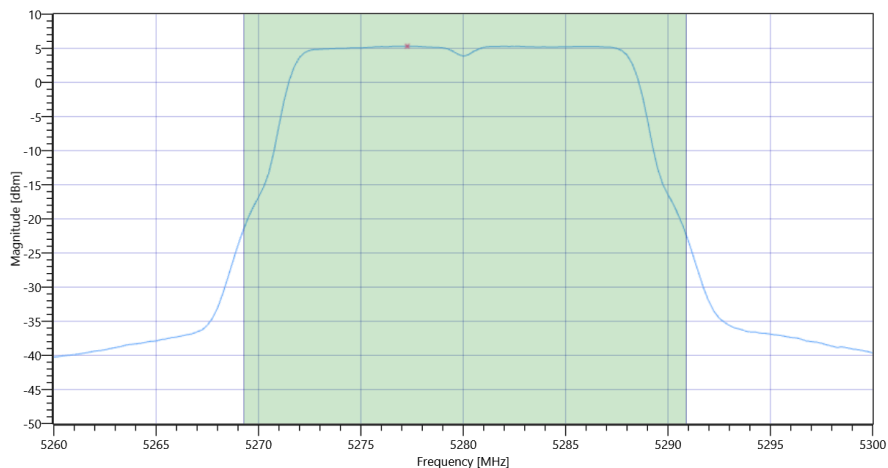
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	25.25   18.69   25
Start [MHz]   Stop [MHz]	5260.000   5300.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	17	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	17.31	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.34	17.31	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A Max OP and PSD



## Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	5.3	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	5.61	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	19.07.2022 15:44:02
Ambit Temp [°C]   Humidity [rel%]	27.5   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	True   Freq [MHz] 5280
Frequency high to test	False   Freq [MHz] 5320
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5280 MHz

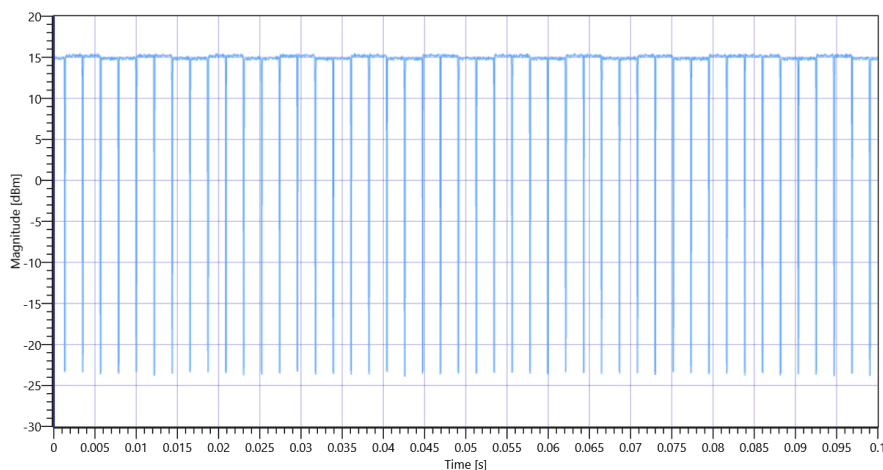
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.95	dBm	INFO
Ref. Frequency	---	---	5276.400	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

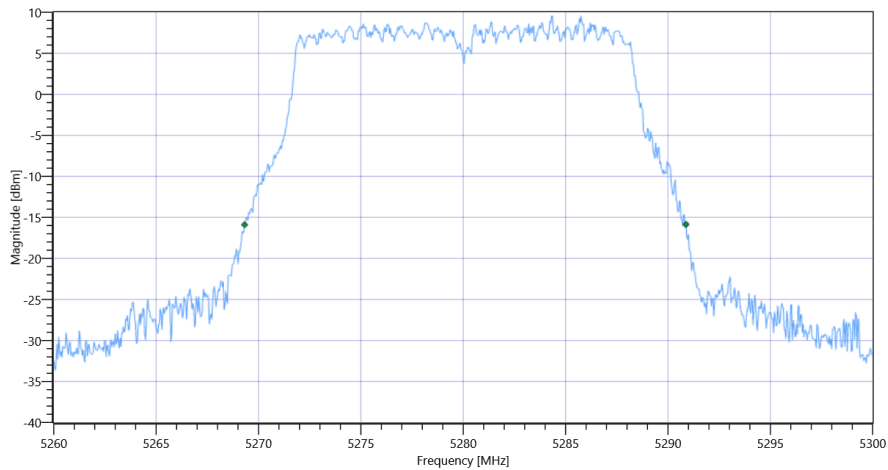


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A 5280 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.56	MHz	INFO
T1 26dB	---	---	5269.3200	MHz	INFO
T2 26dB	---	---	5290.8800	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A\_BW

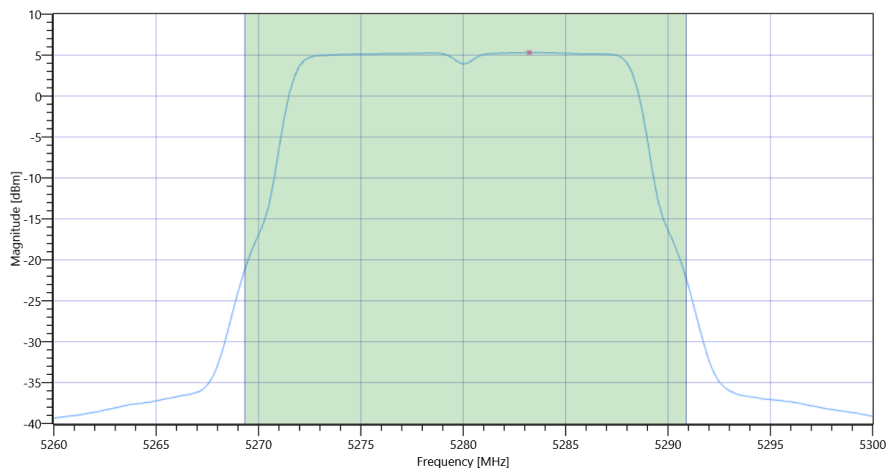
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	25.95   18.69   25
Start [MHz]   Stop [MHz]	5260.000   5300.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	17.01	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	17.32	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.34	17.32	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A Max OP and PSD

Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	5.31	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	5.62	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	19.07.2022 15:49:18
Ambit Temp [°C]   Humidity [rel%]	27.4   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	True   Freq [MHz] 5320
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5320 MHz

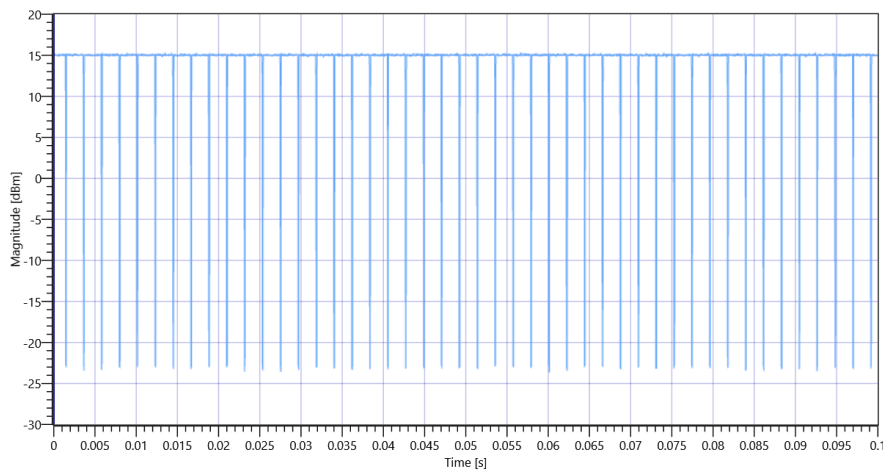
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.80	dBm	INFO
Ref. Frequency	---	---	5318.800	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

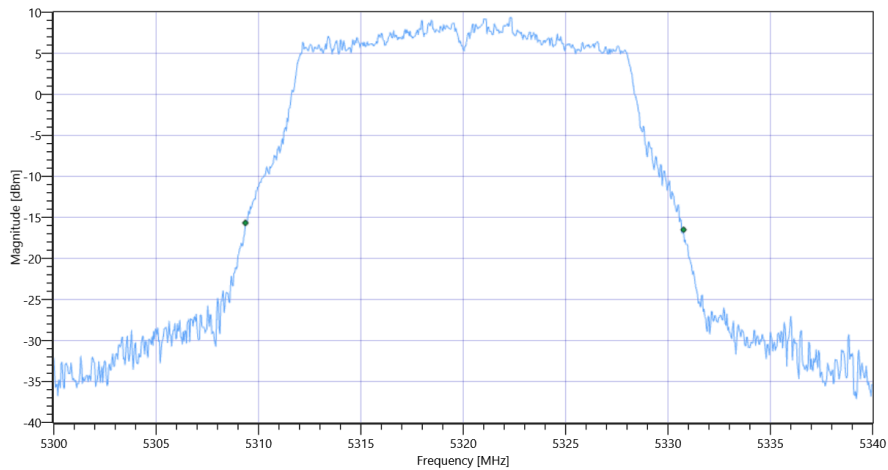


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A 5320 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.4	MHz	INFO
T1 26dB	---	---	5309.3600	MHz	INFO
T2 26dB	---	---	5330.7600	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A\_BW

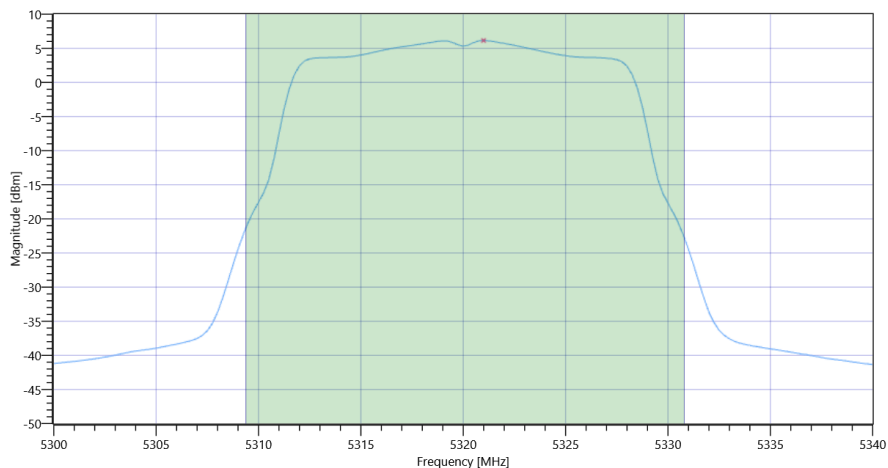
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	25.80   18.41   25
Start [MHz]   Stop [MHz]	5300.000   5340.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	16.63	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	16.94	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.3	16.94	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A Max OP and PSD



Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	6.15	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	6.46	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A

Test References	
TC Start	19.07.2022 15:54:14
Ambit Temp [°C]   Humidity [rel%]	27.4   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2A
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5260
Frequency mid to test	False   Freq [MHz] 5280
Frequency high to test	True   Freq [MHz] 5320
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5320 MHz

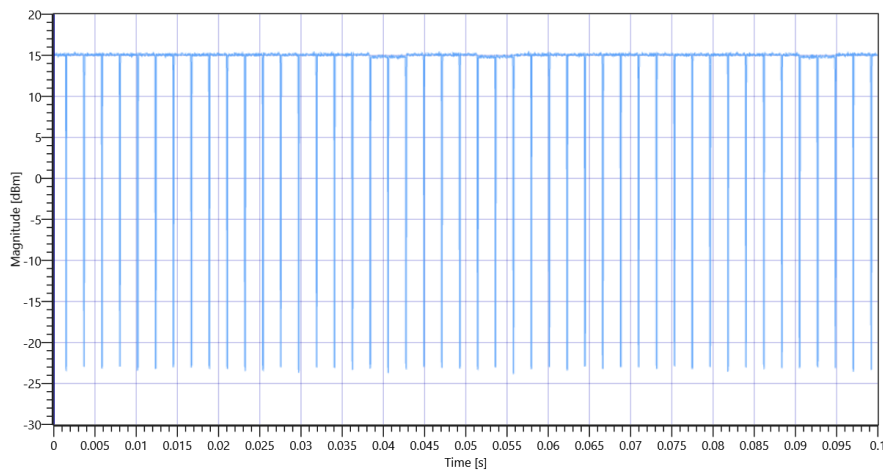
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.32	dBm	INFO
Ref. Frequency	---	---	5318.800	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

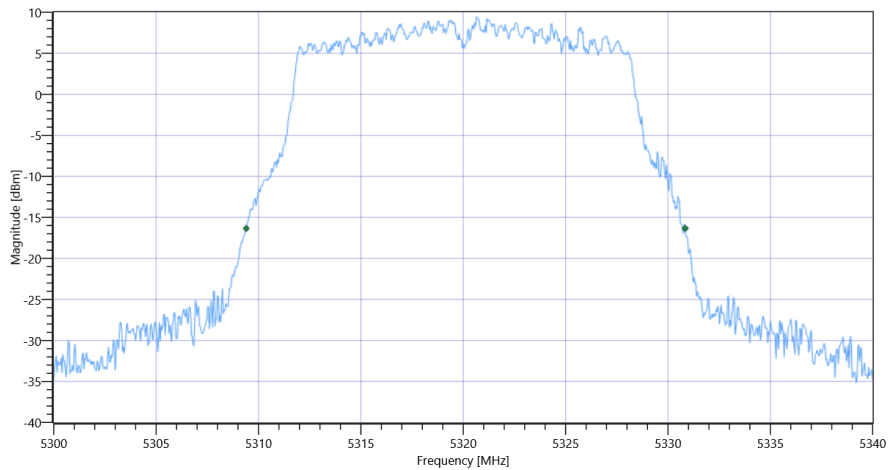


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A 5320 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.44	MHz	INFO
T1 26dB	---	---	5309.4000	MHz	INFO
T2 26dB	---	---	5330.8400	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A\_BW

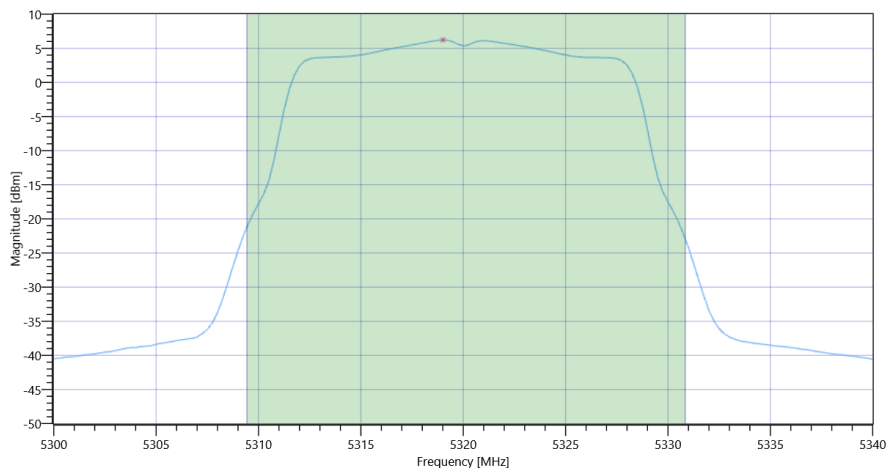
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	26.32   18.41   25
Start [MHz]   Stop [MHz]	5300.000   5340.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	16.7	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	17.01	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.31	17.01	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2A Max OP and PSD

## Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	6.23	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	6.54	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	19.07.2022 16:00:13
Ambit Temp [°C]   Humidity [rel%]	27.5   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5500 MHz

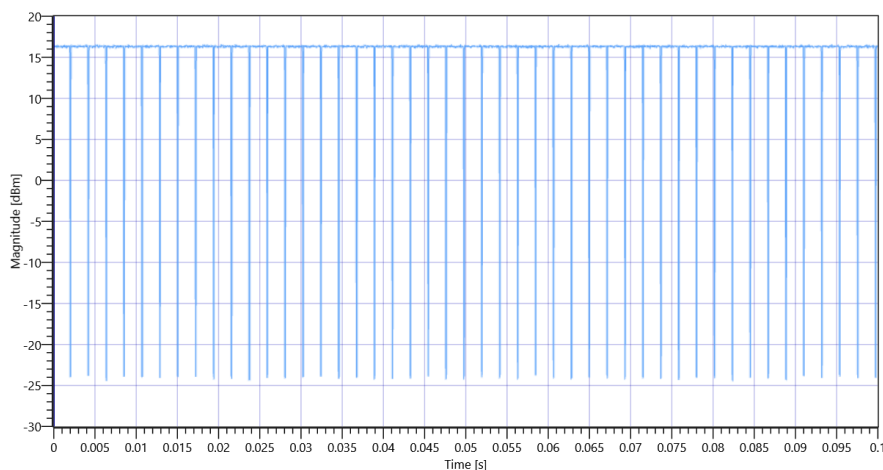
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.26	dBm	INFO
Ref. Frequency	---	---	5499.000	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Summary					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

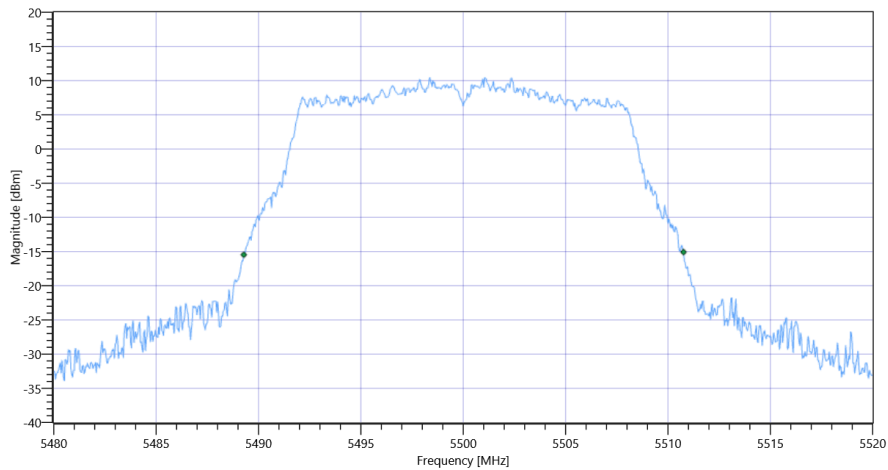


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C 5500 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.48	MHz	INFO
T1 26dB	---	---	5489.2800	MHz	INFO
T2 26dB	---	---	5510.7600	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C\_BW

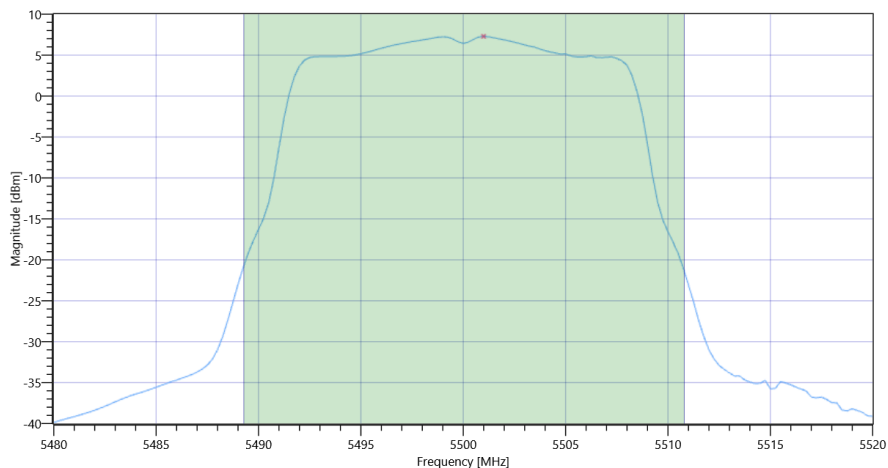
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	27.26   18.5   25
Start [MHz]   Stop [MHz]	5480.000   5520.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	17.8	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	18.11	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.32	18.11	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C Max OP and PSD



Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	7.3	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	7.61	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	19.07.2022 16:05:12
Ambit Temp [°C]   Humidity [rel%]	27.4   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5500 MHz

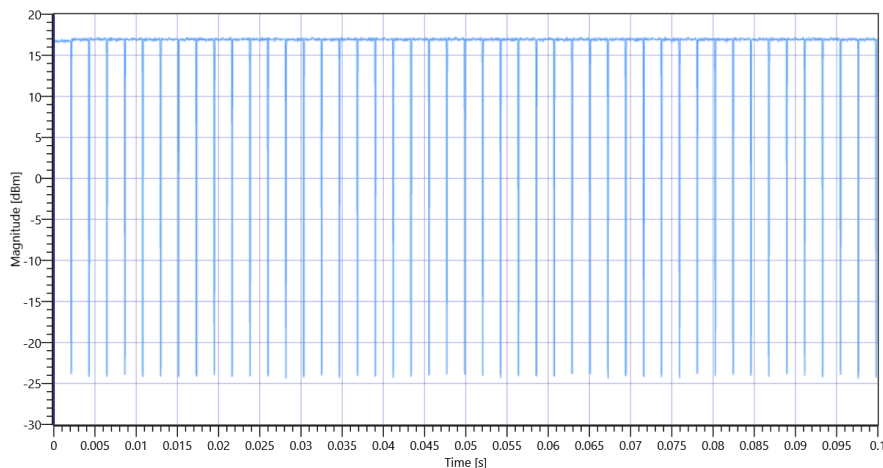
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	15.79	dBm	INFO
Ref. Frequency	---	---	5497.600	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

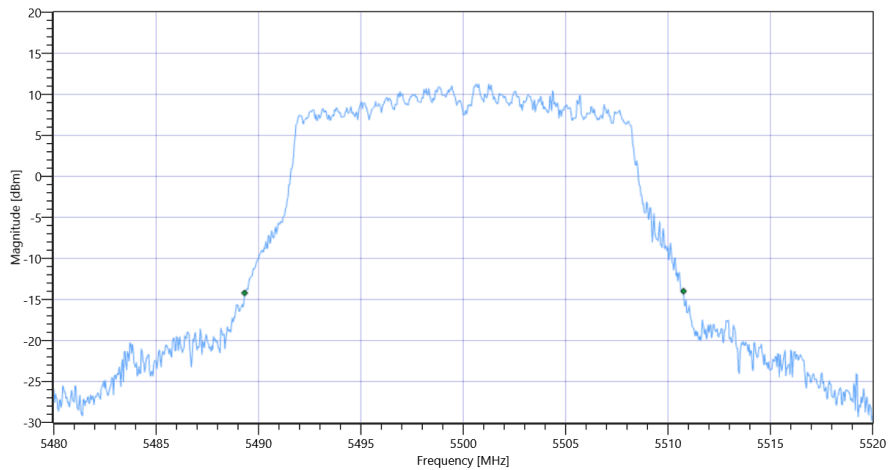


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C 5500 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.44	MHz	INFO
T1 26dB	---	---	5489.3200	MHz	INFO
T2 26dB	---	---	5510.7600	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C\_BW

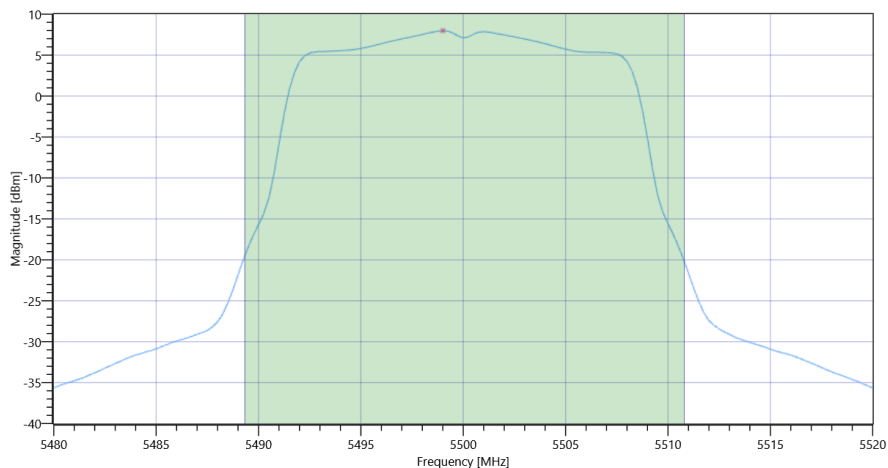
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	27.79   18.5   25
Start [MHz]   Stop [MHz]	5480.000   5520.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	18.44	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	18.75	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.31	18.75	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C Max OP and PSD

Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	7.79	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	8.1	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	19.07.2022 16:11:40
Ambit Temp [°C]   Humidity [rel%]	27.5   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	True   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5600 MHz

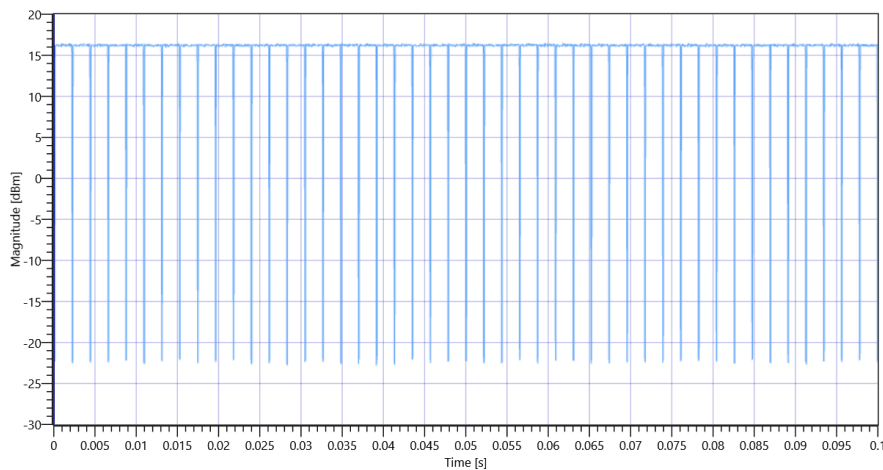
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	14.54	dBm	INFO
Ref. Frequency	---	---	5596.200	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

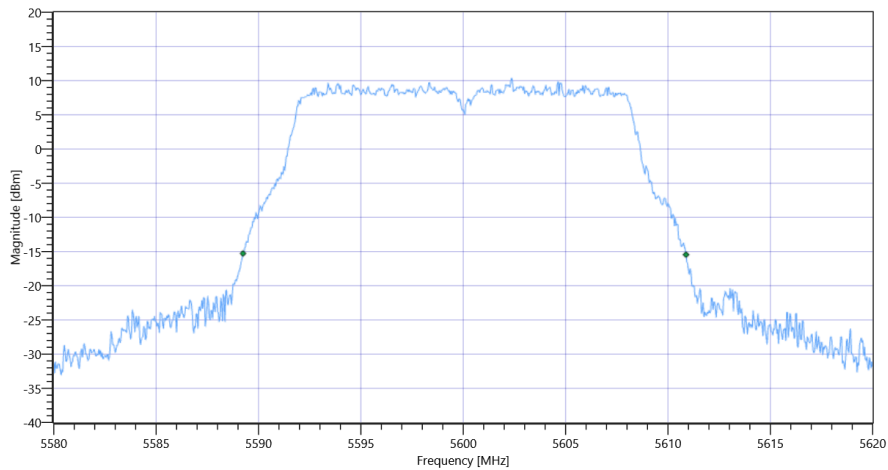


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C 5600 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.64	MHz	INFO
T1 26dB	---	---	5589.2400	MHz	INFO
T2 26dB	---	---	5610.8800	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C\_BW

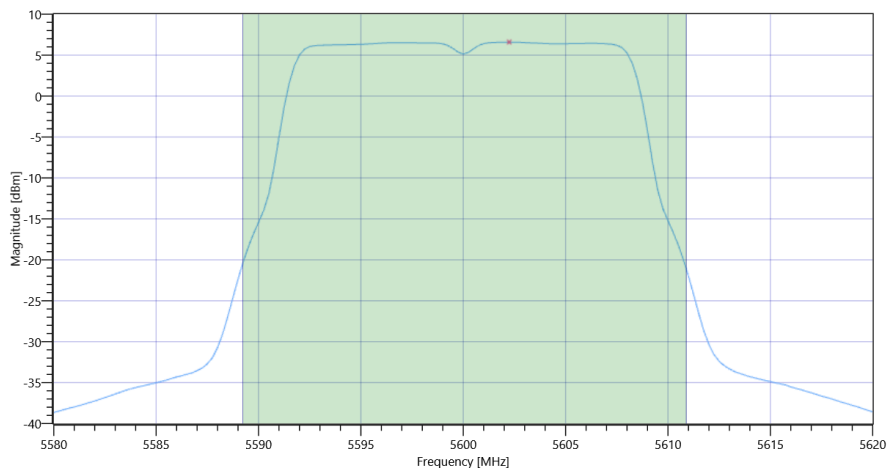
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	26.54   19.06   25
Start [MHz]   Stop [MHz]	5580.000   5620.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	18.26	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	18.57	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.35	18.57	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C Max OP and PSD



Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	6.59	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	6.9	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	19.07.2022 16:17:19
Ambit Temp [°C]   Humidity [rel%]	27.5   33
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	True   Freq [MHz] 5600
Frequency high to test	False   Freq [MHz] 5700
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5600 MHz

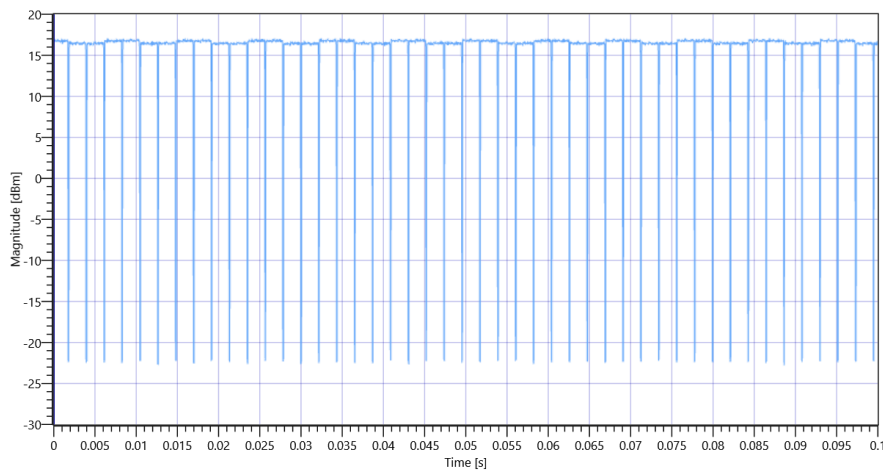
RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.06	dBm	INFO
Ref. Frequency	---	---	5596.000	MHz	INFO

## Evaluation max. Duty Cycle

Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Summary					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

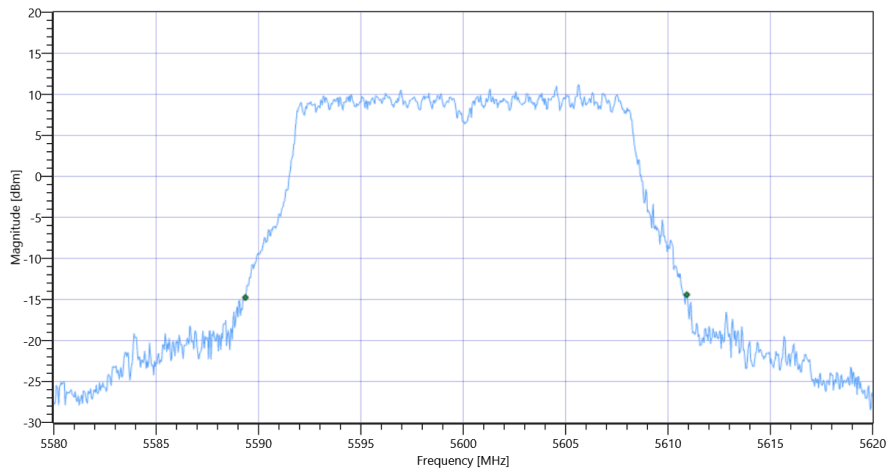


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C 5600 MHz - DutyCycle

## Evaluation Bandwidth

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.56	MHz	INFO
T1 26dB	---	---	5589.3600	MHz	INFO
T2 26dB	---	---	5610.9200	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C\_BW

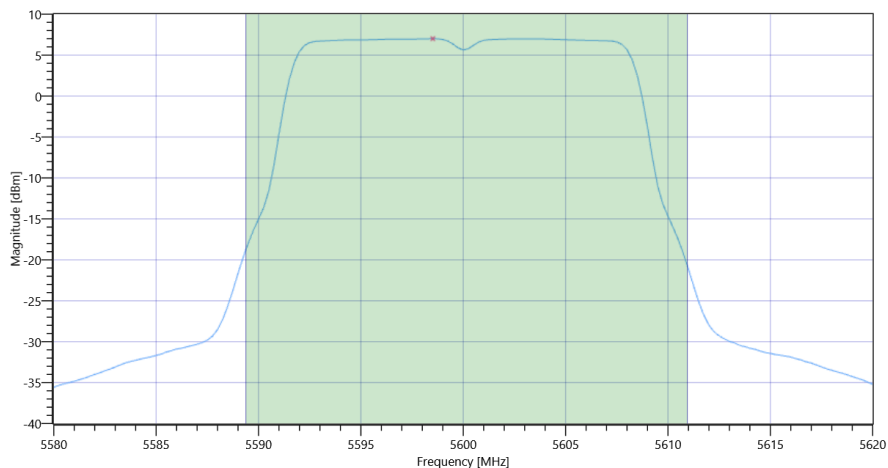
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	28.06   19.06   25
Start [MHz]   Stop [MHz]	5580.000   5620.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	18.72	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	19.03	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.34	19.03	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C Max OP and PSD

## Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	7.01	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	7.32	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	19.07.2022 16:23:09
Ambit Temp [°C]   Humidity [rel%]	27.5   32
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	True   Freq [MHz] 5700
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5700 MHz

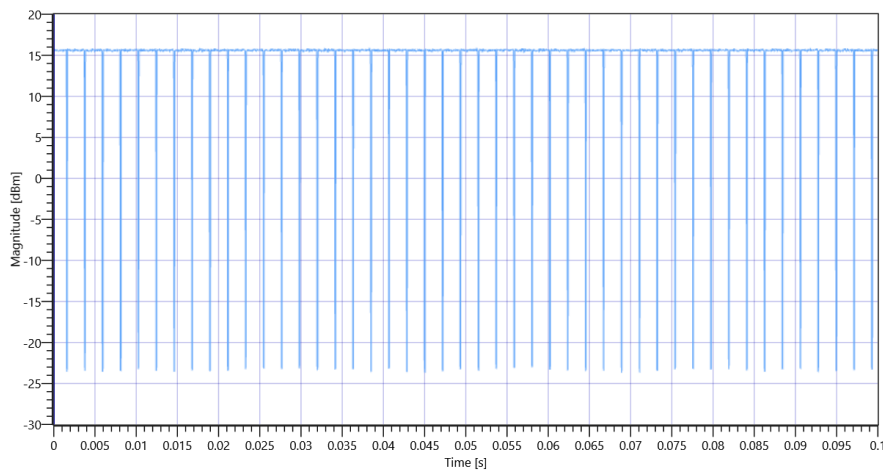
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	13.95	dBm	INFO
Ref. Frequency	---	---	5695.000	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

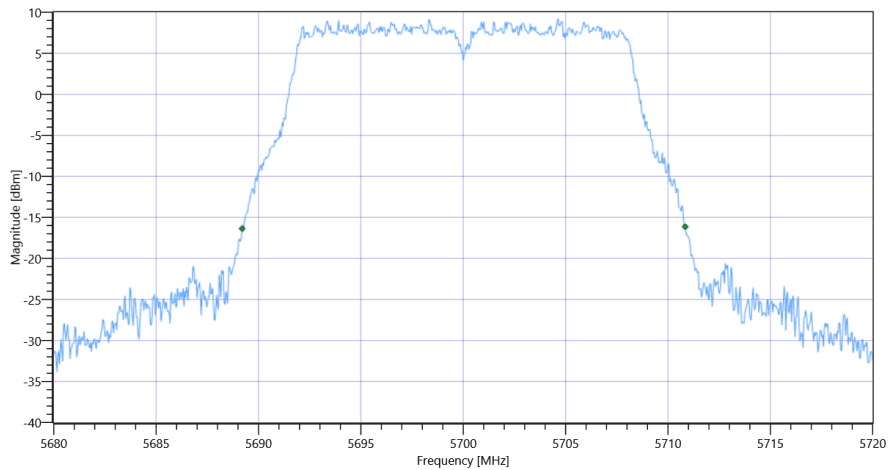


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C 5700 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.64	MHz	INFO
T1 26dB	---	---	5689.2000	MHz	INFO
T2 26dB	---	---	5710.8400	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C\_BW

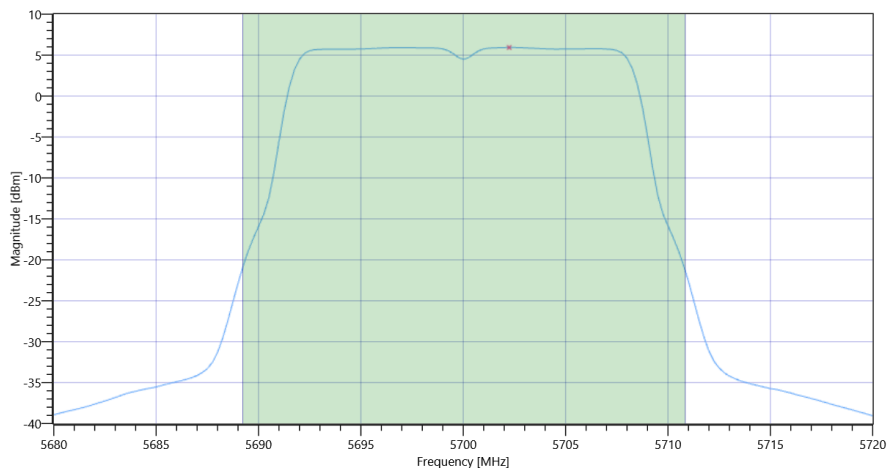
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	25.95   18.46   25
Start [MHz]   Stop [MHz]	5680.000   5720.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	17.65	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	17.96	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.35	17.96	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C Max OP and PSD



## Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	5.93	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	6.24	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C

Test References	
TC Start	19.07.2022 16:28:11
Ambit Temp [°C]   Humidity [rel%]	27.6   32
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-2C
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	2
Temperature	nom
Voltage	nom
Frequency low to test	False   Freq [MHz] 5500
Frequency mid to test	False   Freq [MHz] 5600
Frequency high to test	True   Freq [MHz] 5700
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5700 MHz

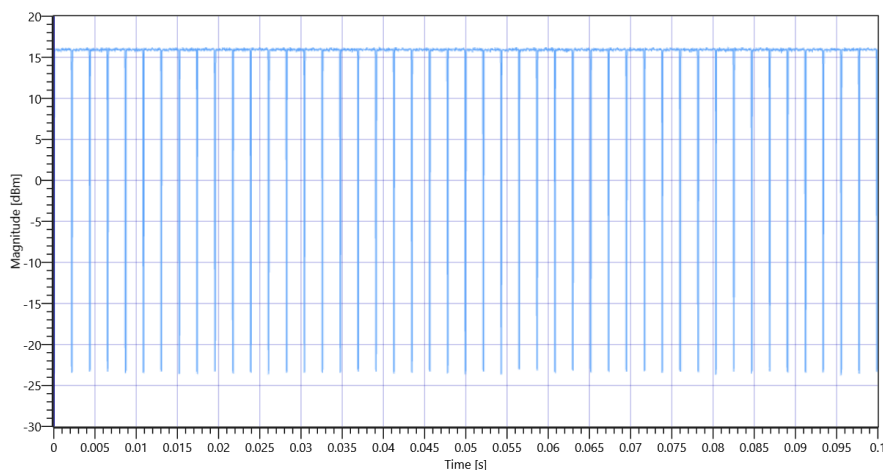
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	16.17	dBm	INFO
Ref. Frequency	---	---	5704.200	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Result Summary					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO

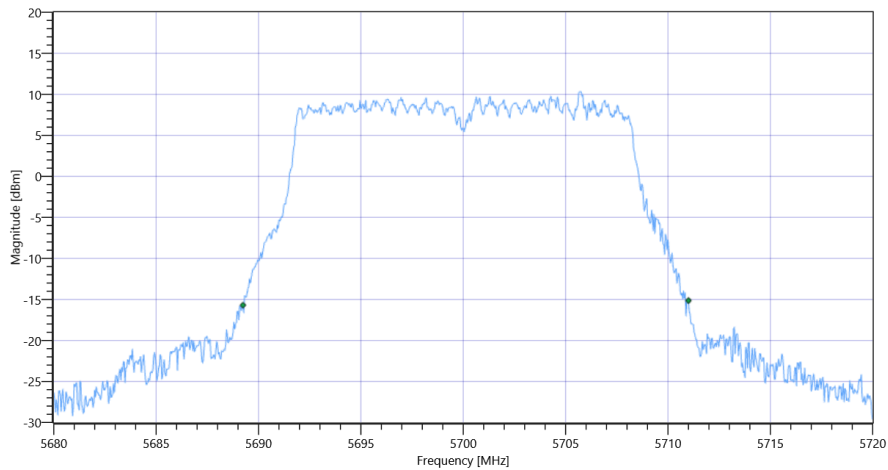


FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C 5700 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	21.76	MHz	INFO
T1 26dB	---	---	5689.2400	MHz	INFO
T2 26dB	---	---	5711.0000	MHz	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C\_BW

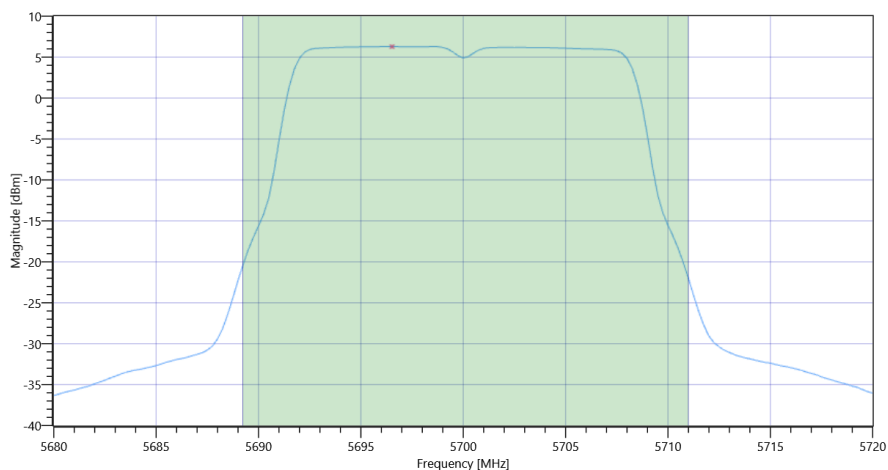
### Maximum Output Power

#### READ SA SETTINGS:

RefLevel [dBm]   RefLevelOffset [dB]   InpAtt [dB]	28.17   18.46   25
Start [MHz]   Stop [MHz]	5680.000   5720.000
RBW [MHz]   VBW [MHz]	1.000000   3.000000
Detector   TraceMode	RMS   MAXH
Sweep: Time [ms]   Count   Points per Section   Type	53700   1   161   SWE

#### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Max Output Power	---	---	18	dBm	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Limit absolute					
Max Output Power DC corrected	---	24	18.31	dBm	PASS
Limit by: 11 dBm + 10 log Bandwidth					
Max Output Power DC corrected	---	24.38	18.31	dBm	PASS



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-2C Max OP and PSD

Power Spectral Density

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Power Spectral Density	---	---	6.28	dBm/1MHz	INFO
Duty Cycle Correction	---	---	0.31	dB	INFO
Power Spectral Density DC corrected	---	11	6.59	dBm/1MHz	PASS
General verdict			PASS		

## FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-3

Test References	
TC Start	19.07.2022 16:34:06
Ambit Temp [°C]   Humidity [rel%]	27.6   32
System Version	3.2.0.2
Test Specification	FCC 15.247 -
Test Method	KDB789033 D02, F., E.2.e.
TC Version	0.0.1
My Description	FCC 15.407 Max Output Power & PSD - WLAN5Gx a mode U-NII-3
Add. Information	

EUT Common Settings WLAN5Gx	
Number of Antenna Ports	2
User Interaction	No
Device Class UNII_1	Client

Test Parameter	
Technology to test	WLAN5Gx a mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True   Freq [MHz] 5745
Frequency mid to test	False   Freq [MHz] 5785
Frequency high to test	False   Freq [MHz] 5825
Auto Control enabled Power Supply   Climatic Box	No   No
Additional Path Loss [dB]	1.4
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.70	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

## Test at TX 5745 MHz

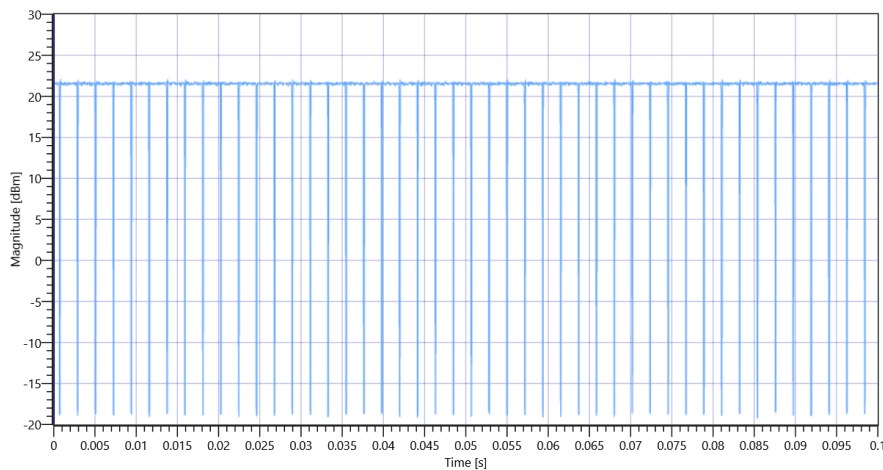
### RESULT: Reference Power cond.

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Ref. Power 1MHz/1MHz cond.	---	---	20.17	dBm	INFO
Ref. Frequency	---	---	5743.000	MHz	INFO

## Evaluation max. Duty Cycle

### Duty Cycle evaluation

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
<b>Result Summary</b>					
Number of detected Bursts:45					
Duty Cycle (Burst Ratio) max	---	---	0.943	---	INFO
Duty Cycle max	---	---	0.255	dB	INFO
Duty Cycle (Burst Ratio) min	---	---	0.931	---	INFO
Duty Cycle min	---	---	0.311	dB	INFO
Max TX Burst Length	---	---	2.05	ms	INFO
Min Gap Length	---	---	0.125	ms	INFO
Max Gap Length	---	---	0.15	ms	INFO



FCC 15.247 # Max output power and psd ~ WLAN5Gx a mode U-NII-3 5745 MHz - DutyCycle

## Evaluation Bandwidth

### RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Bandwidth 26dB	---	---	40	MHz	INFO
T1 26dB	---	---	5725.0000	MHz	INFO
T2 26dB	---	---	5765.0000	MHz	INFO