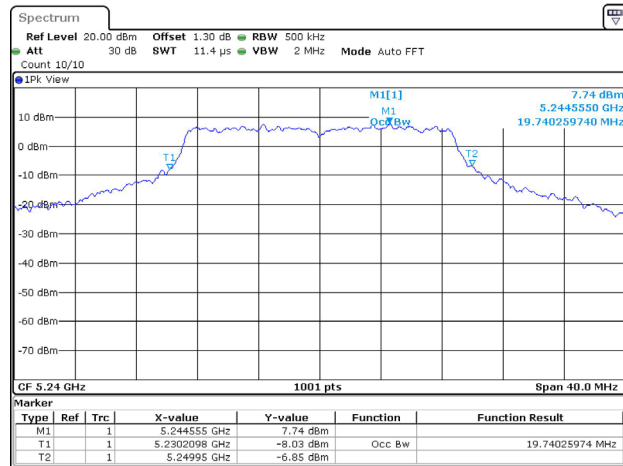


Product : Wireless Access Point  
 Test Item : 99% Occupied Bandwidth Data  
 Test Mode : Transmit (802.11ac-20 MHz)\_Radio-3  
 Test Date : 2023/09/19

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
36	5180	20.78	--	NA
44	5220	19.82	--	NA
48	5240	19.74	--	NA

Channel 48

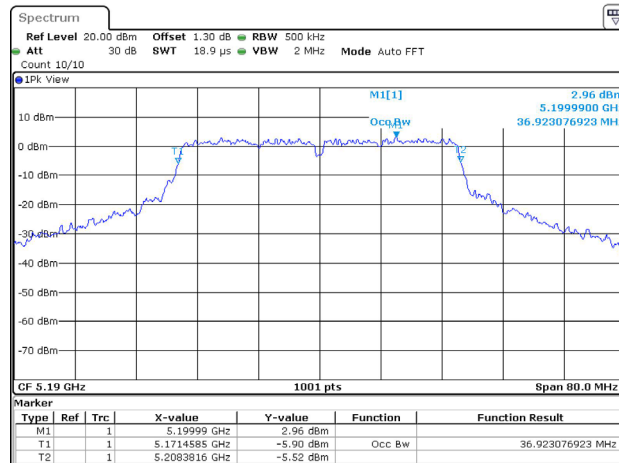


Date: 19.SEP.2023 15:30:04

Product : Wireless Access Point  
 Test Item : 99% Occupied Bandwidth Data  
 Test Mode : Transmit (802.11ac-40 MHz)\_Radio-3  
 Test Date : 2023/09/12

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
38	5190	36.92	--	NA
46	5230	37.40	--	NA

### Channel 38

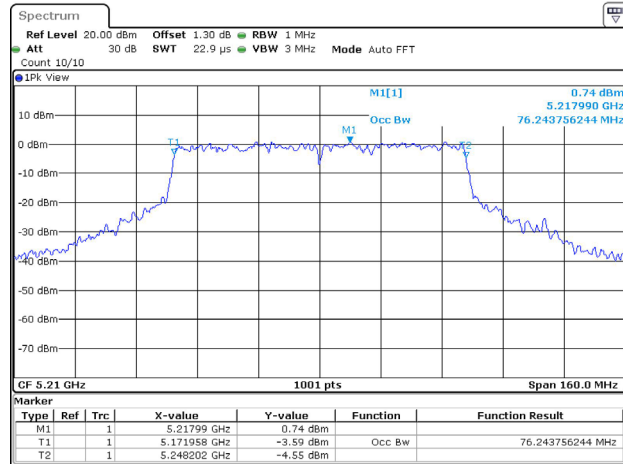


Date: 12.SEP.2023 17:26:47

Product : Wireless Access Point  
 Test Item : 99% Occupied Bandwidth Data  
 Test Mode : Transmit (802.11ac-80 MHz)\_Radio-3  
 Test Date : 2023/09/12

Channel No.	Frequency (MHz)	Measurement Level (MHz)	Required Limit (MHz)	Result
42	5210	76.24	--	NA

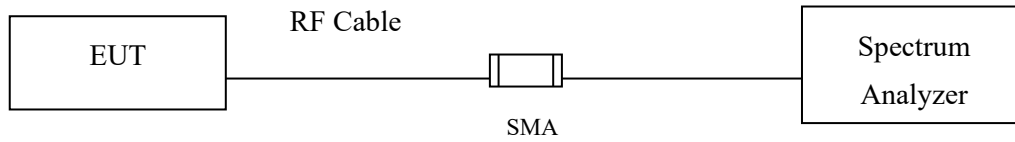
### Channel 42



Date: 12 SEP 2023 17:48:05

## 9. Duty Cycle

### 9.1. Test Setup



### 9.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to U-NII test procedure of KDB789033 for compliance to FCC 47CFR 15.407 requirements.

### 9.3. Test Result of Duty Cycle

Product : Wireless Access Point  
 Test Item : Duty Cycle  
 Test Mode : Transmit

Duty Cycle Formula:

Duty Cycle =  $Ton / (Ton + Toff)$

Duty Factor =  $10 \text{ Log } (1/\text{Duty Cycle})$

Results:

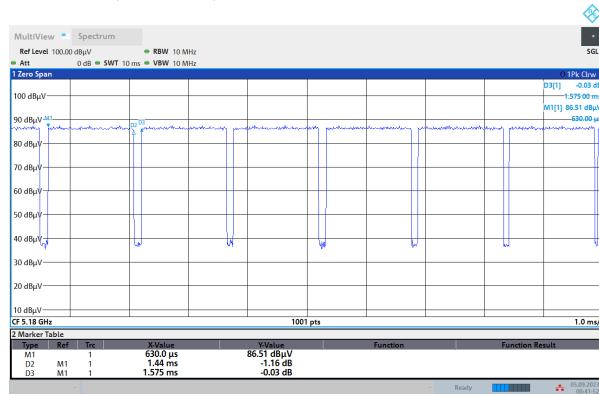
Radio-2

5 GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11a	1.4400	1.5750	91.43	0.39
802.11ax-20 MHz	5.4600	5.7450	95.04	0.22
802.11ax-40 MHz	5.4600	5.7150	95.54	0.20
802.11ax-80 MHz	5.4400	5.8000	93.79	0.28

Radio-3

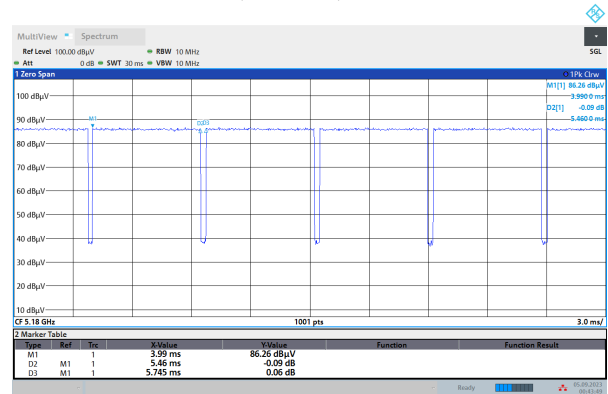
5 GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11a	4.0600	4.2100	96.44	0.16
802.11ac-20 MHz	3.7900	3.9400	96.19	0.17
802.11ac-40 MHz	1.8700	2.0250	92.35	0.35
802.11ac-80 MHz	0.9120	1.0740	84.92	0.71

### 802.11a (Radio-2)



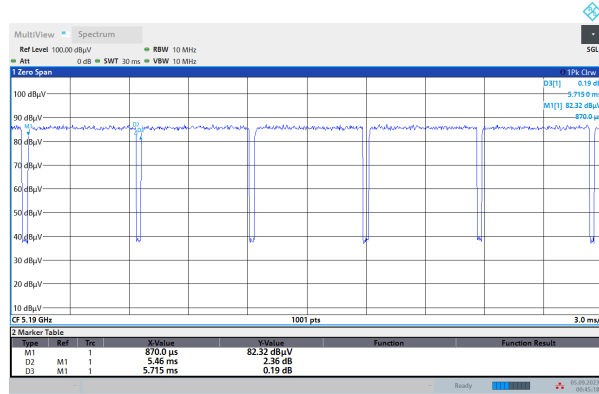
00:41:53 05.09.2023

### 802.11ax-20 MHz (Radio-2)



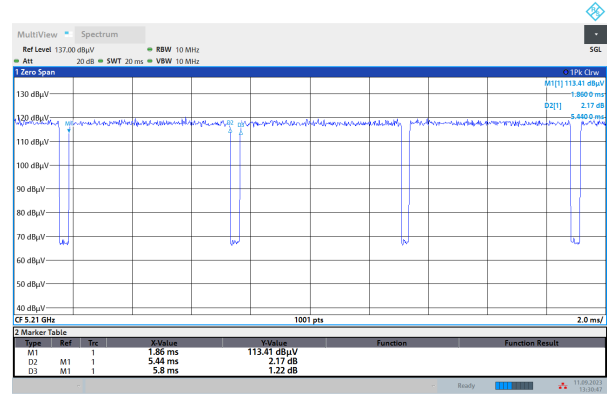
00:43:50 05.09.2023

### 802.11ax-40 MHz (Radio-2)



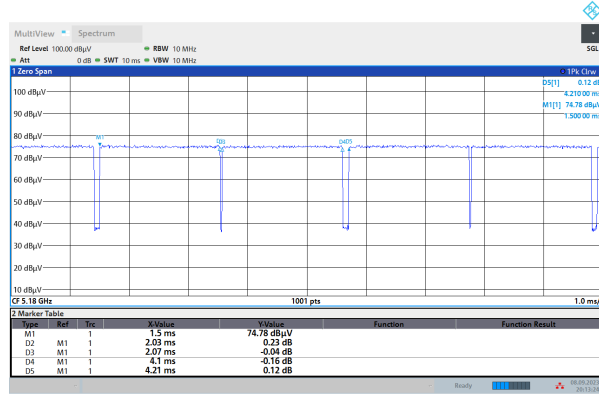
00:45:19 05.09.2023

### 802.11ax-80 MHz (Radio-2)



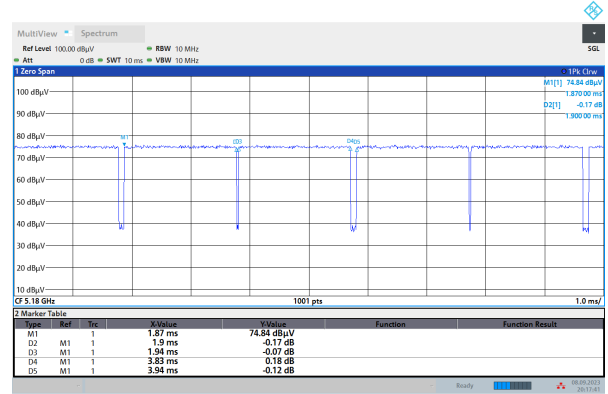
13:30:51 11.09.2023

### 802.11a (Radio-3)



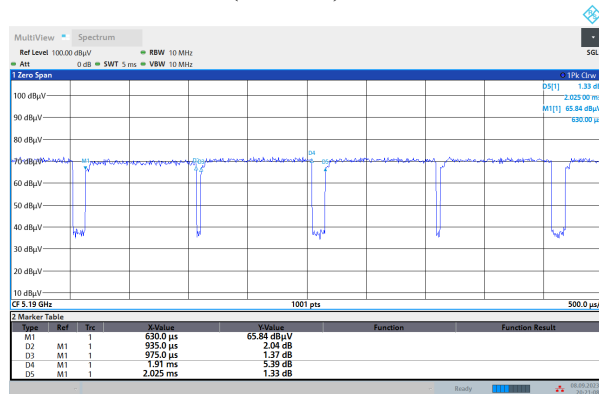
20:13:25 08.09.2023

### 802.11ac-20 MHz (Radio-3)



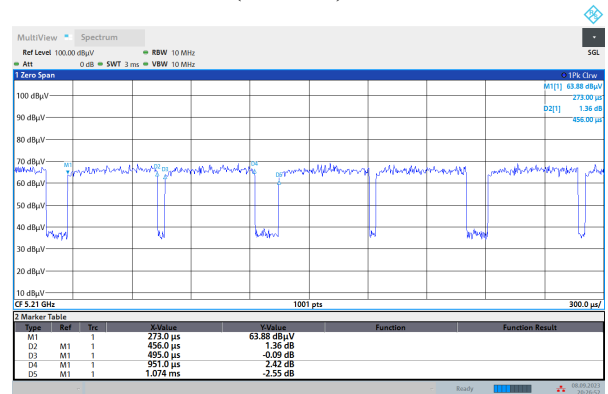
20:17:41 08.09.2023

### 802.11ac-40 MHz (Radio-3)



20:21:09 08.09.2023

### 802.11ac-80 MHz (Radio-3)



20:26:53 08.09.2023