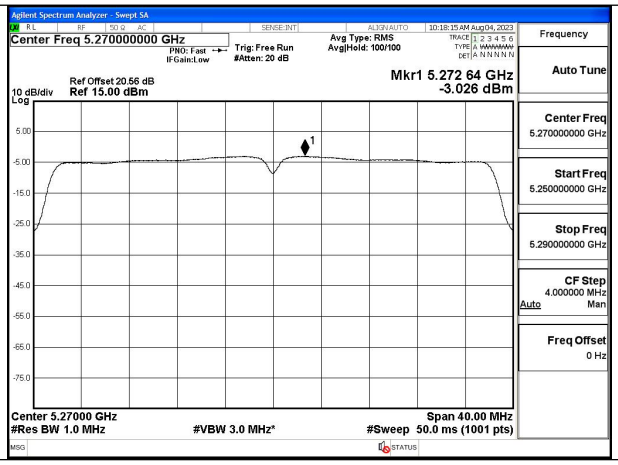
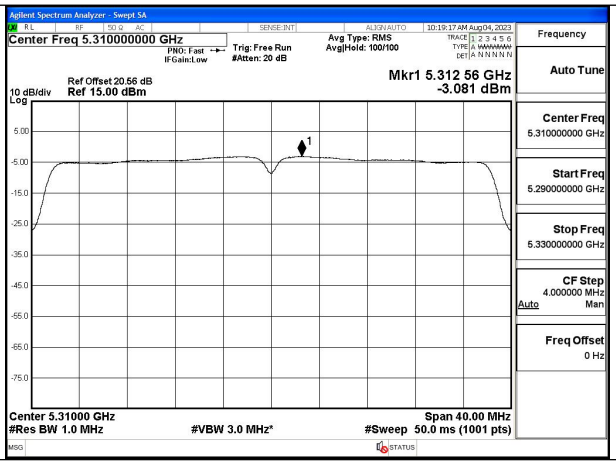
Test Mode: 802.11n HT40

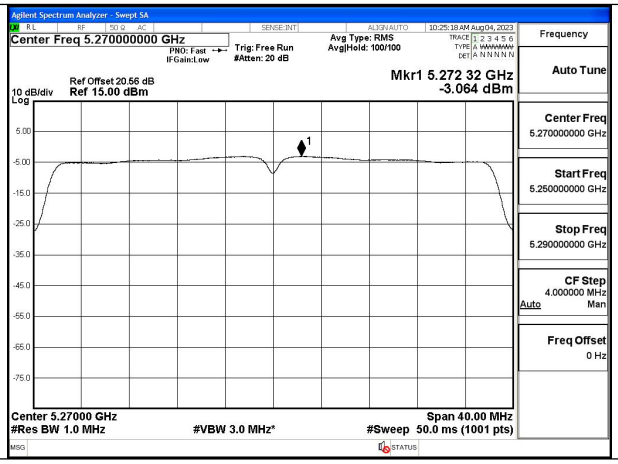


Mode:802.11n HT40 Frequency:5270MHz Ant:Chain0

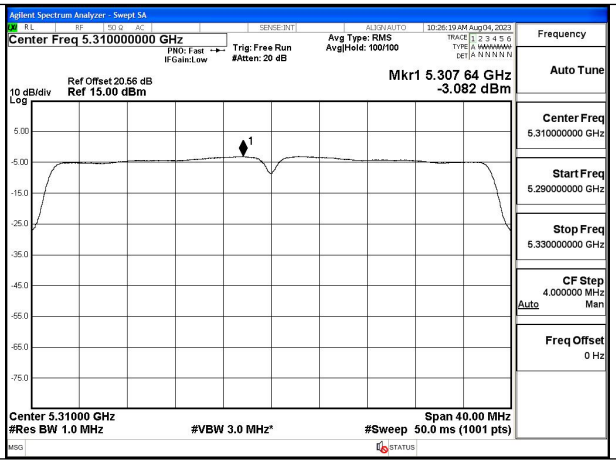


Mode:802.11n HT40 Frequency:5310MHz Ant:Chain0

Test Mode: 802.11ac VHT40

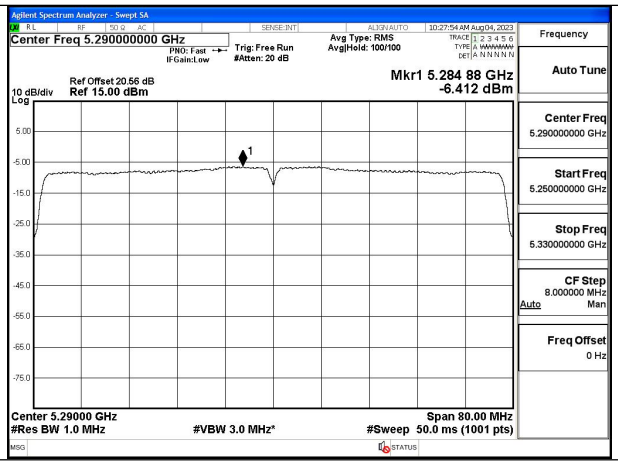


Mode:802.11ac VHT40 Frequency:5270MHz Ant:Chain0



Mode:802.11ac VHT40 Frequency:5310MHz Ant:Chain0

Test Mode: 802.11ac VHT80



Mode:802.11ac VHT80 Frequency:5290MHz Ant:Chain0

Dynamic Frequency Selection

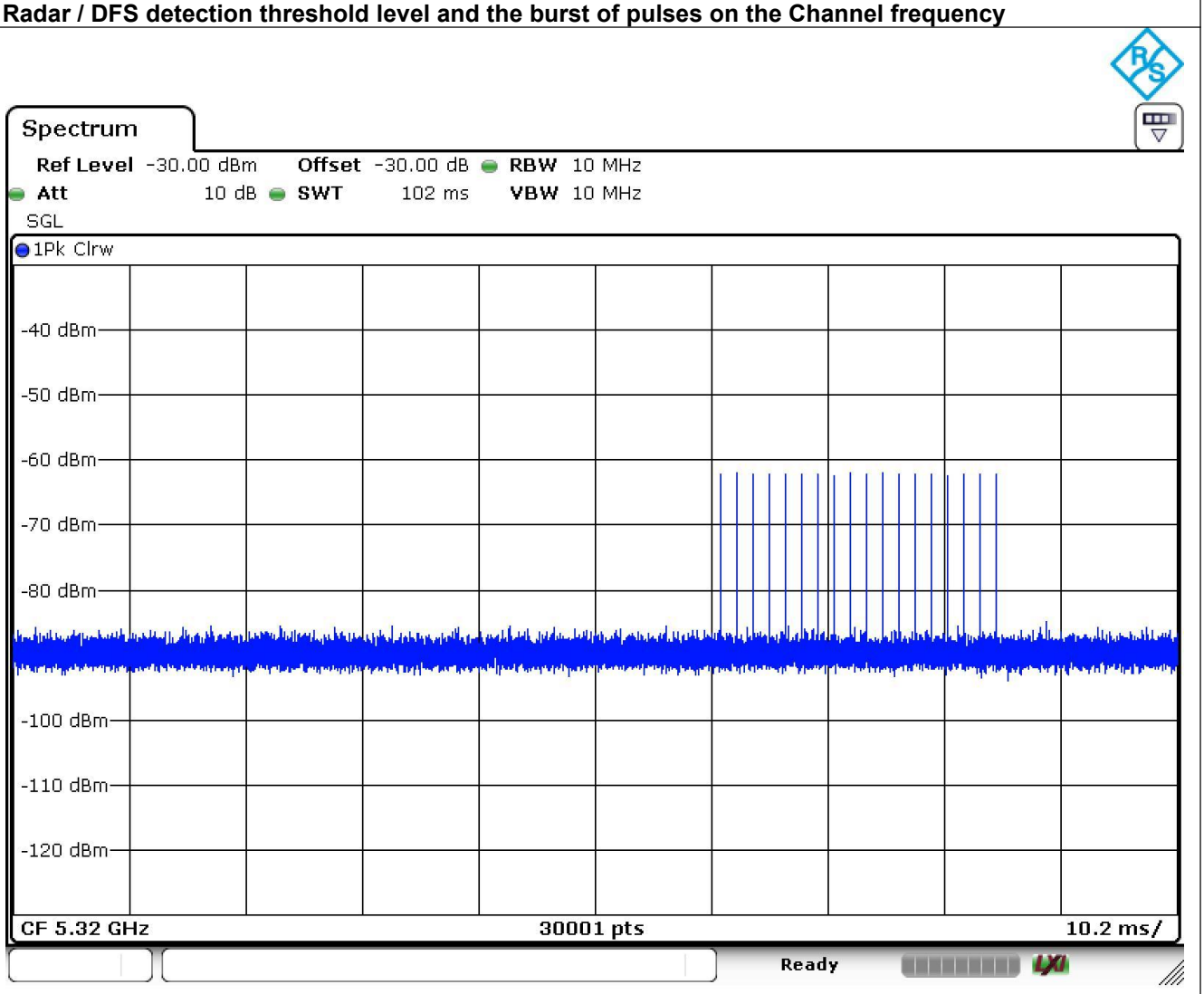
DESCRIPTION OF Master Device

The Master Device is a SKSpruce Technologies Co., Ltd., Indoor Access Point, FCC ID: 2AHKT-WIA3300-20. The rated output power of the Master unit is > 23dBm (EIRP). Therefore the required interference threshold level is -64dBm

Radar Waveform Calibration Result

<20MHz / 5320 MHz> Radar Type 0

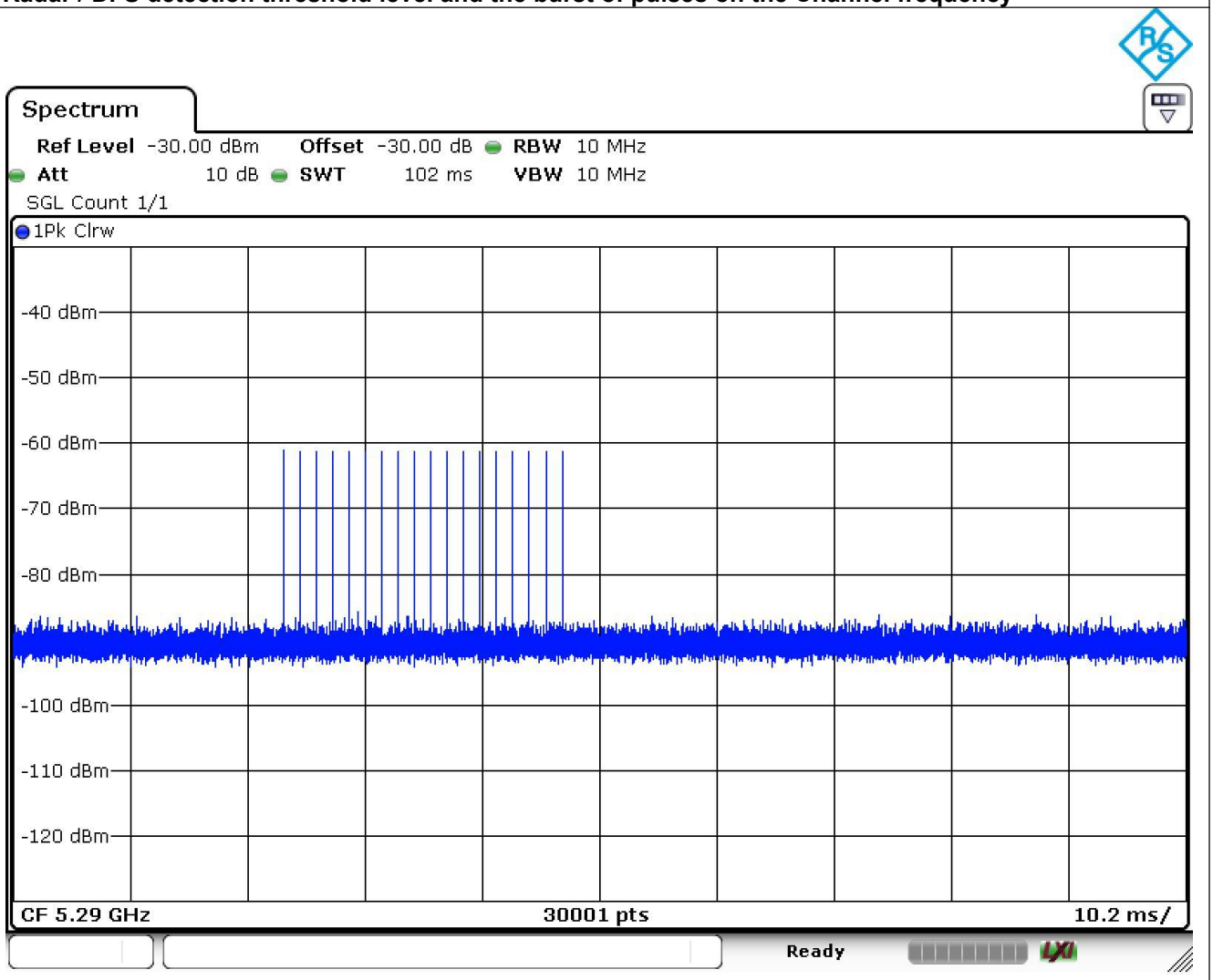
Radar / DFS detection threshold level and the burst of pulses on the Channel frequency



Date: 18.AUG.2023 12:09:50

<80MHz / 5290 MHz> Radar Type 0

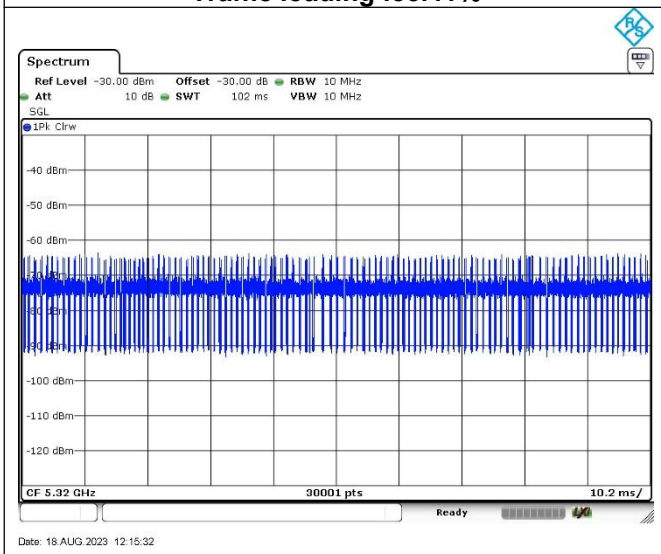
Radar / DFS detection threshold level and the burst of pulses on the Channel frequency



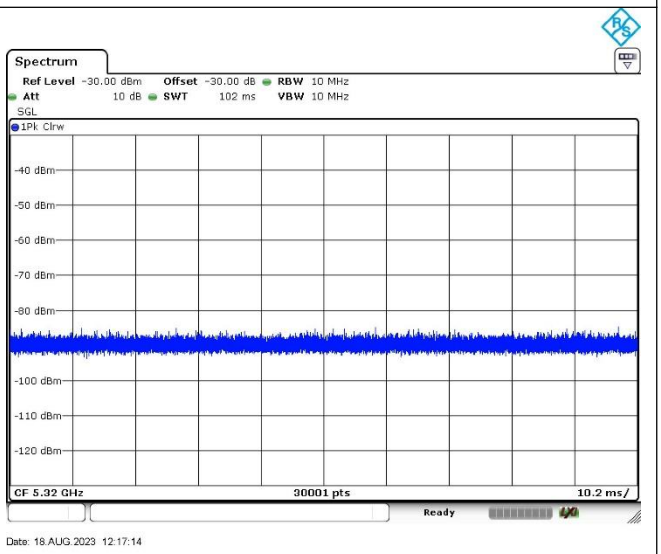
Date: 18.AUG.2023 18:30:30

Data Traffic and Noise Floor Plots

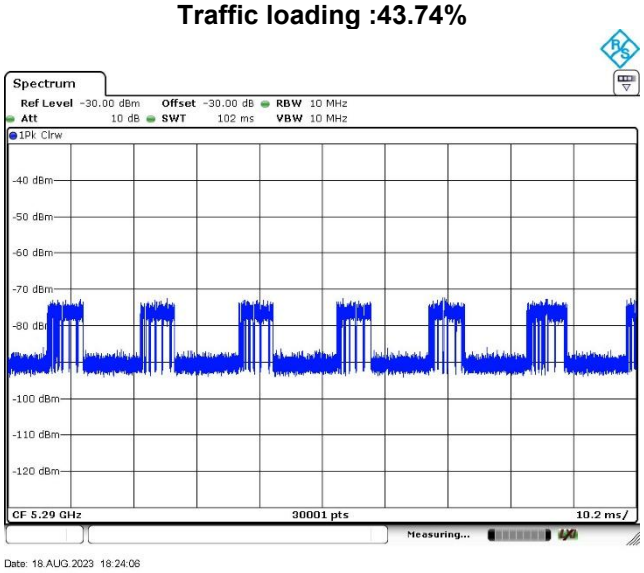
<20MHz / 5320 MHz>
EUT data traffic (Client)
Traffic loading :85.41%



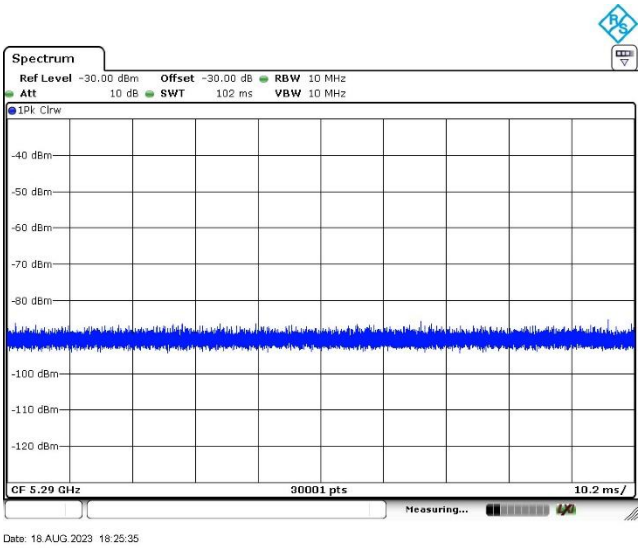
<20MHz / 5320 MHz >
Noise Floor (No transmission)



<80MHz / 5290 MHz>
EUT data traffic (Client)
Traffic loading :43.74%



<80MHz / 5290 MHz>
Noise Floor (No transmission)



Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test

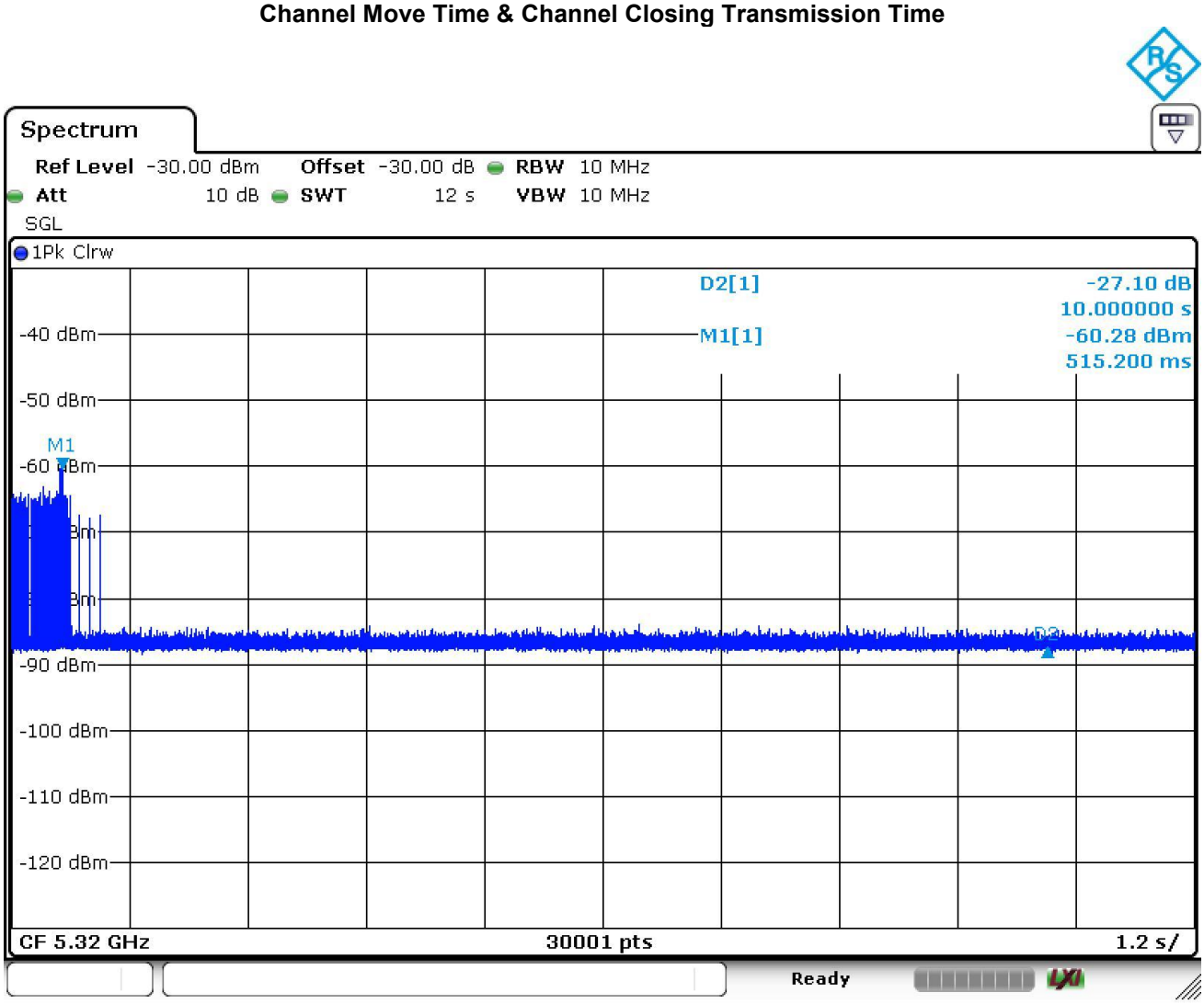
Frequency	Test Item	Test Result	Limit	Pass/Fail
5300MHz	Channel Move Time	＜ 10s*	＜ 10s	Pass
	Channel Closing Transmission Time	201.2ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass
5570MHz	Channel Move Time	＜ 10s*	＜ 10s	Pass
	Channel Closing Transmission Time	201.2ms	＜ 260ms	Pass
	Non-Occupancy Period	≥ 30	≥ 30 min	Pass

Note*: We notice clearly that “Channel Move Time” is less than 10s from the figure.
The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test Plots

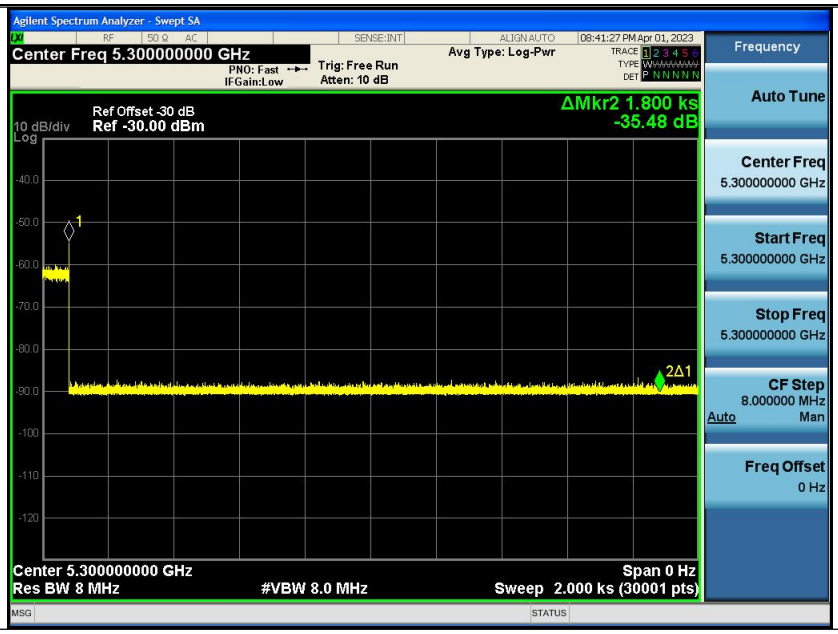
<20MHz / 5300 MHz>

Channel Move Time & Channel Closing Transmission Time



Date: 18.AUG.2023 12:37:19

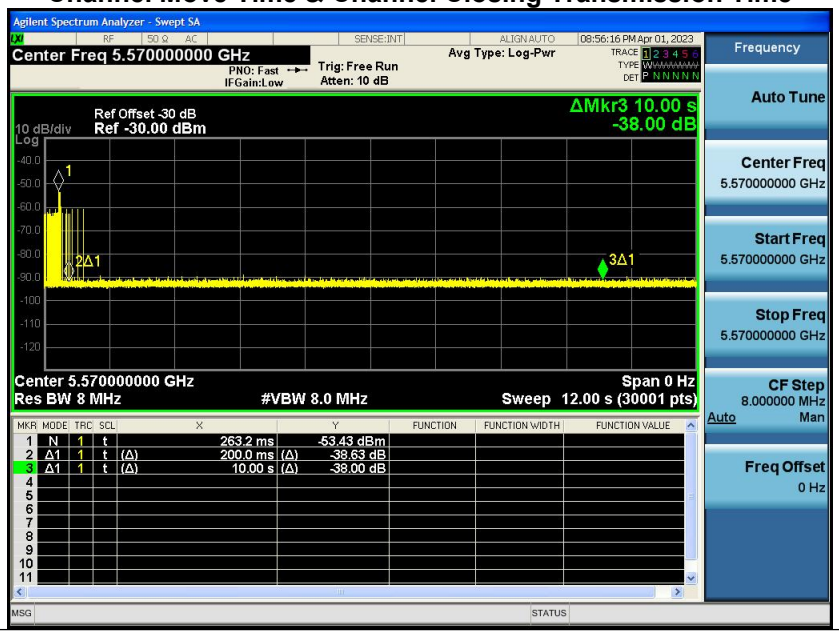
Non-Occupancy Period



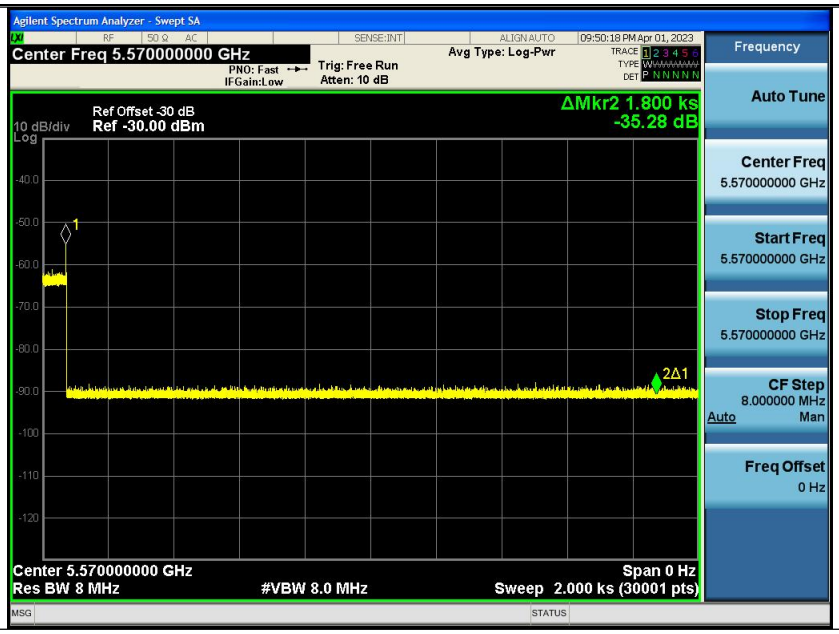
Note:
Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
Channel Closing Transmission Time (200 + 1.2 ms) = 200 + Number of beacon after 200ms(3) X Dwell (0.4 ms) < 260ms

<160MHz / 5570MHz>

Channel Move Time & Channel Closing Transmission Time



Non-Occupancy Period



Note:
Dwell (0.4 ms)= Sweep Time (12000 ms) / Sweep Point Bins (30000)
Channel Closing Transmission Time (200+1.2 ms) = 200 + Number of beacon after 200ms(3) X Dwell (0.4 ms) < 260ms