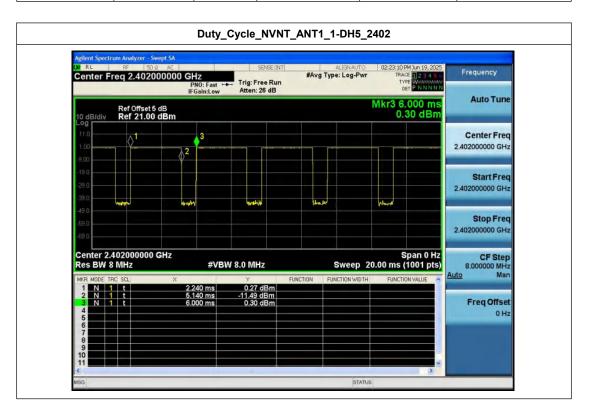


# Appendix Test Data

Report No.:	1819C50065112501	Test Sample No.:	1-2-2
Start Test Date:	2025-6-17	Finish Test Date:	2025-6-25
Test Engineer:	Biong fei Yong	Auditor:	Justin Feng
Temperature:	23.1℃	Relative Humidity:	62%
Pressure:	101kPa		

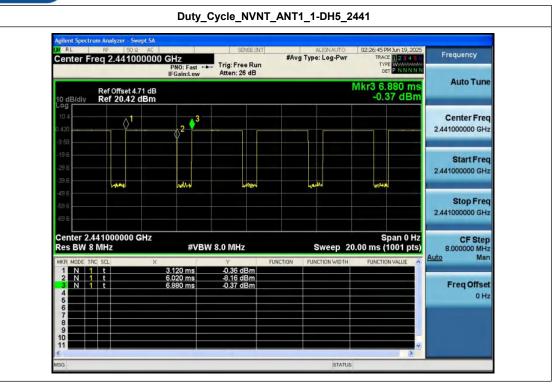
# Appendix A: Duty Cycle

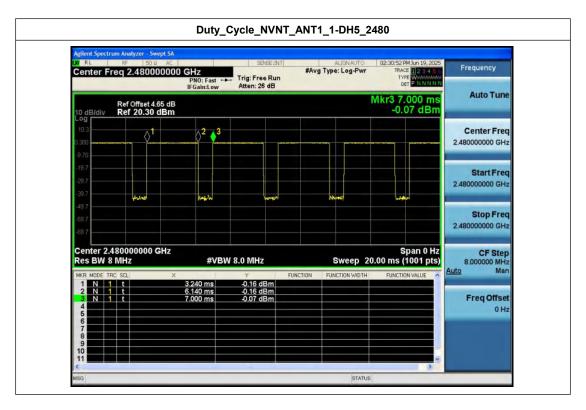
Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1-DH5	2402.00	77.66	1.10
NVNT	ANT1	1-DH5	2441.00	77.66	1.10
NVNT	ANT1	1-DH5	2480.00	77.66	1.10
NVNT	ANT1	2-DH5	2402.00	77.66	1.10
NVNT	ANT1	2-DH5	2441.00	77.66	1.10
NVNT	ANT1	2-DH5	2480.00	77.01	1.13
NVNT	ANT1	3-DH5	2402.00	77.54	1.10
NVNT	ANT1	3-DH5	2441.00	77.13	1.13
NVNT	ANT1	3-DH5	2480.00	77.54	1.10



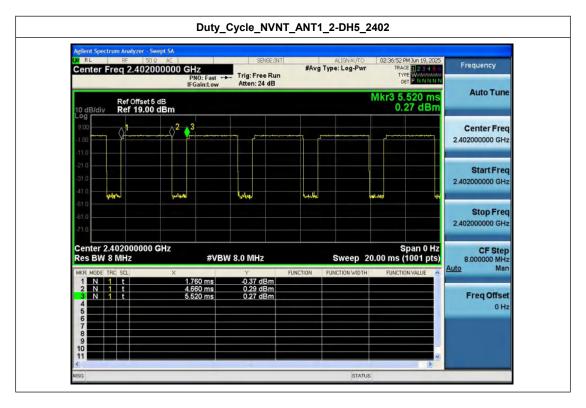
#### **Shenzhen Anbotek Compliance Laboratory Limited**

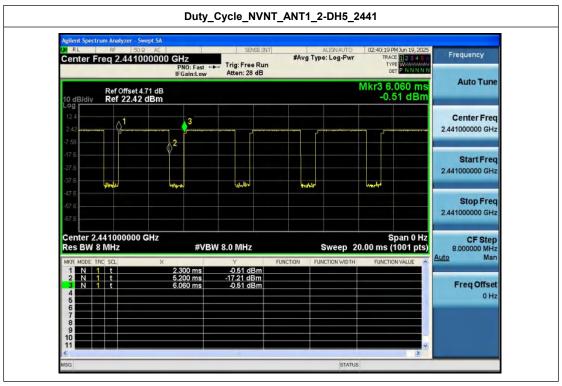




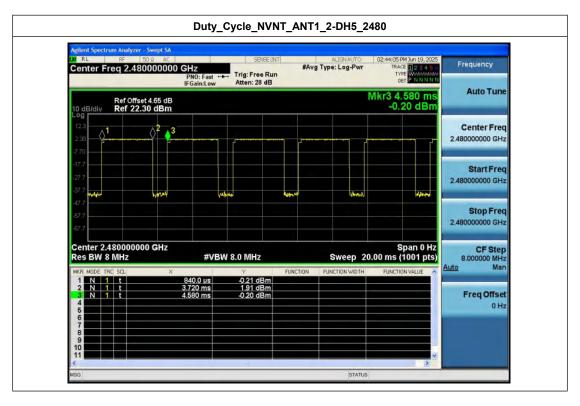


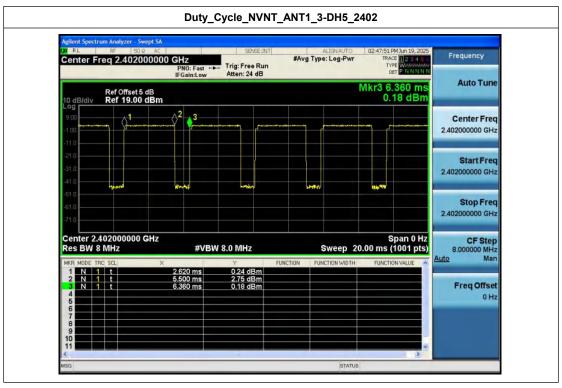




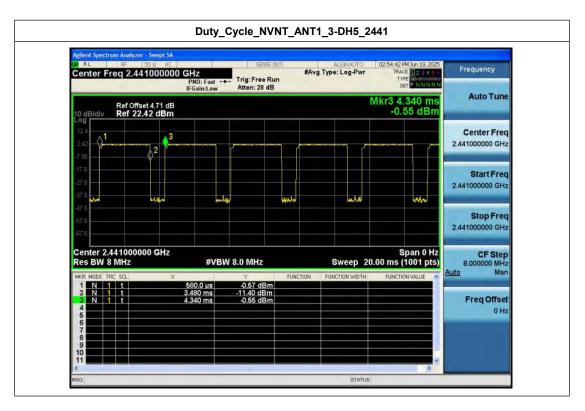


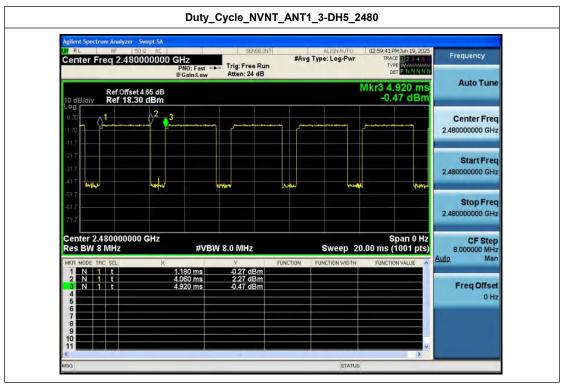








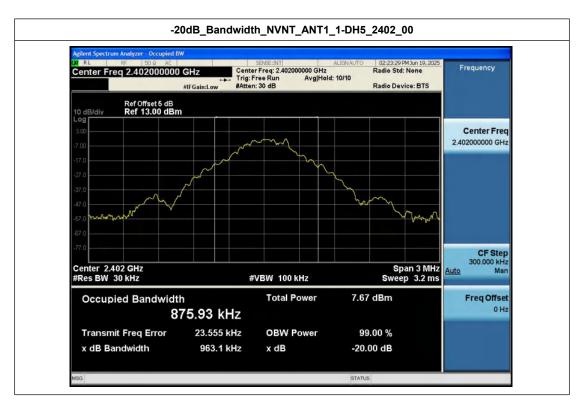




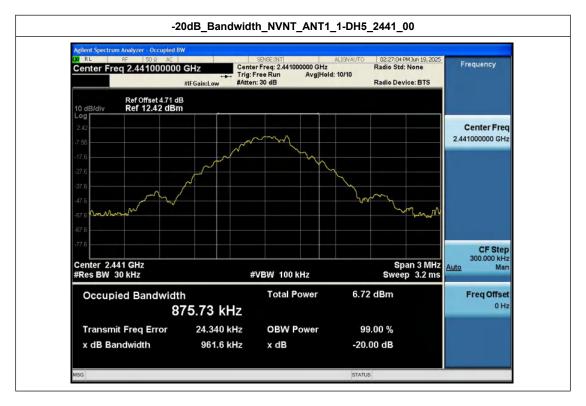


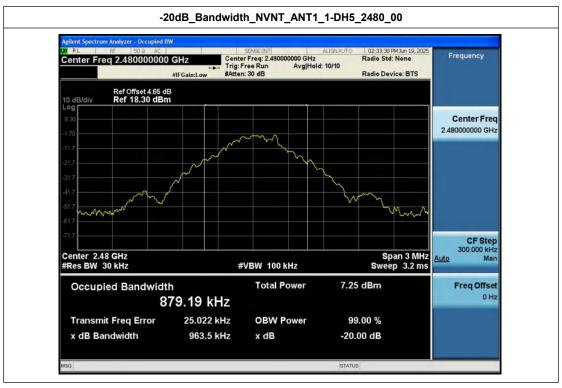
### Appendix B: -20dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-20dB BW(MHz)	if larger than CFS
NVNT	ANT1	1-DH5	2402.00	0.963	No
NVNT	ANT1	1-DH5	2441.00	0.962	No
NVNT	ANT1	1-DH5	2480.00	0.963	No
NVNT	ANT1	2-DH5	2402.00	1.344	Yes
NVNT	ANT1	2-DH5	2441.00	1.334	Yes
NVNT	ANT1	2-DH5	2480.00	1.336	Yes
NVNT	ANT1	3-DH5	2402.00	1.312	Yes
NVNT	ANT1	3-DH5	2441.00	1.312	Yes
NVNT	ANT1	3-DH5	2480.00	1.313	Yes

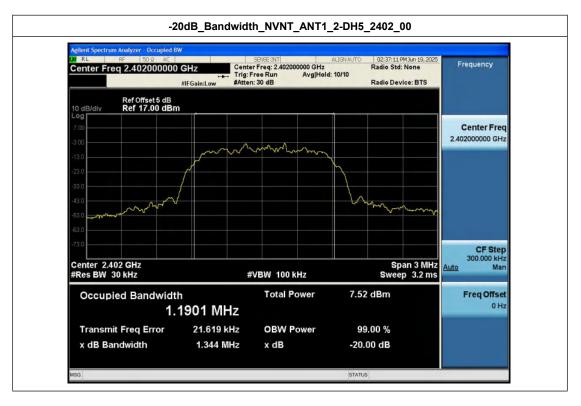


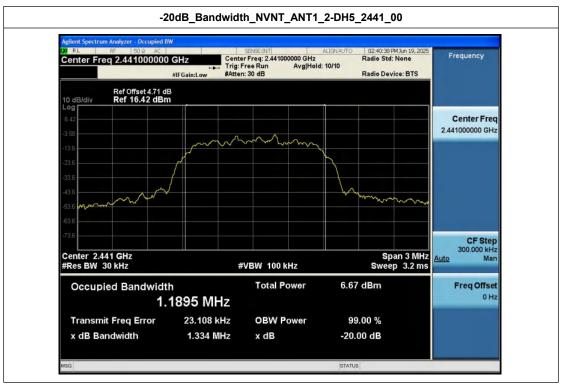




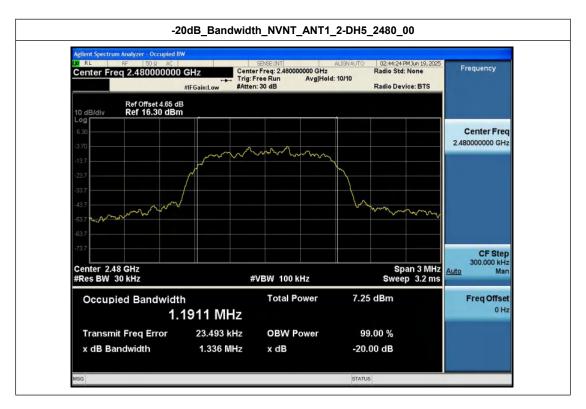


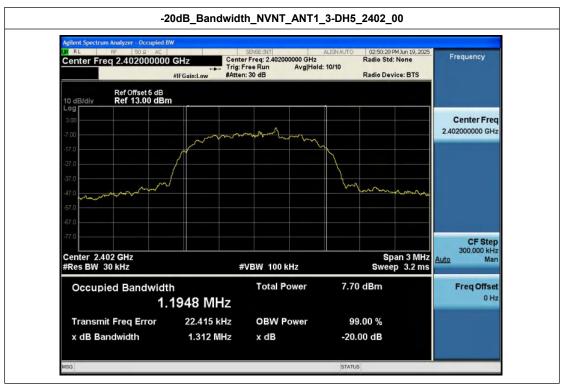






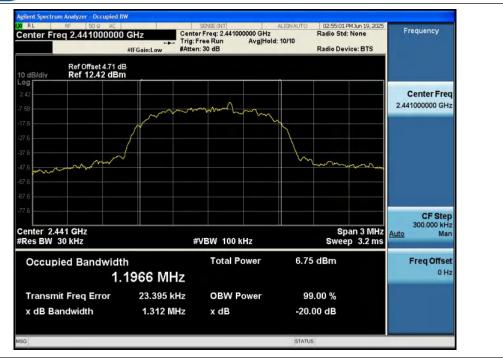


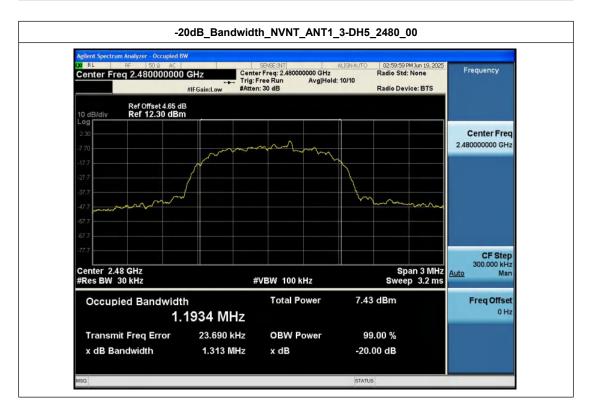




-20dB\_Bandwidth\_NVNT\_ANT1\_3-DH5\_2441\_00



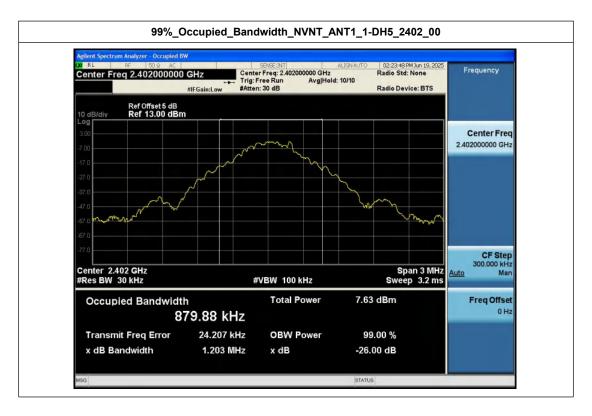




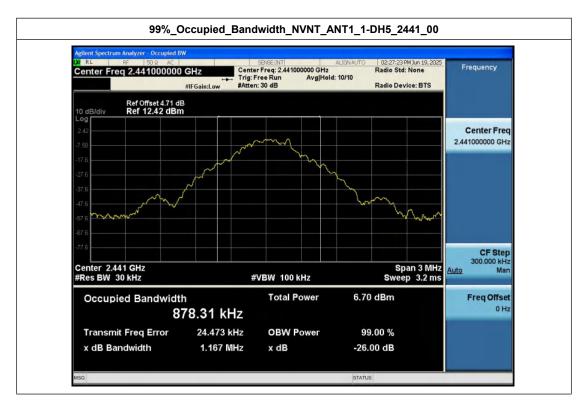


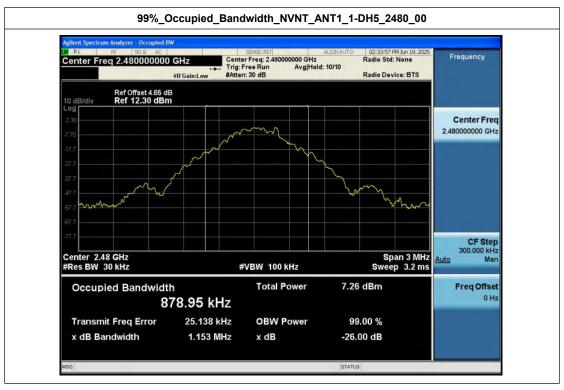
## Appendix C: 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	1-DH5	2402.00	0.880
NVNT	ANT1	1-DH5	2441.00	0.878
NVNT	ANT1	1-DH5	2480.00	0.879
NVNT	ANT1	2-DH5	2402.00	1.192
NVNT	ANT1	2-DH5	2441.00	1.193
NVNT	ANT1	2-DH5	2480.00	1.190
NVNT	ANT1	3-DH5	2402.00	1.192
NVNT	ANT1	3-DH5	2441.00	1.199
NVNT	ANT1	3-DH5	2480.00	1.194

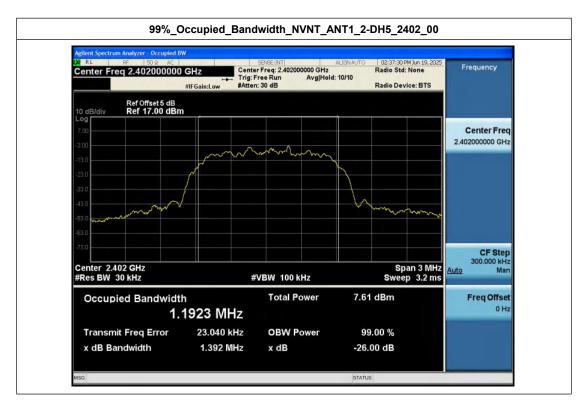


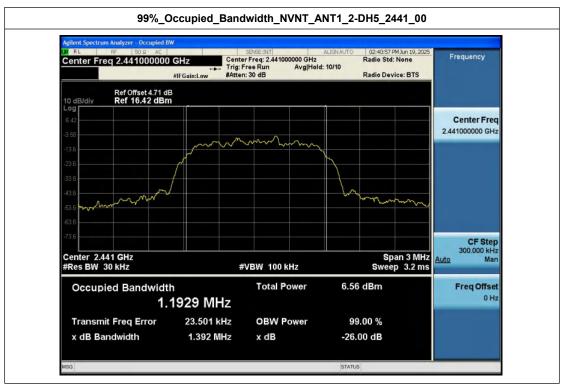




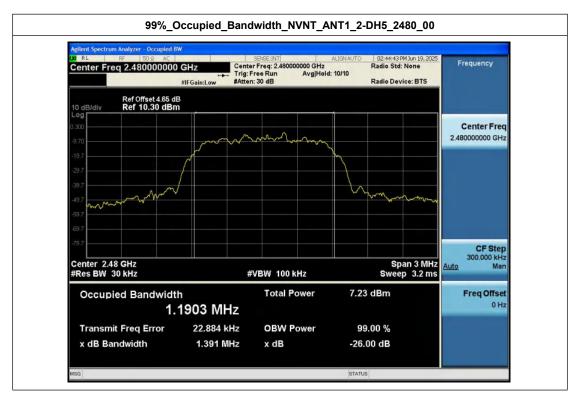


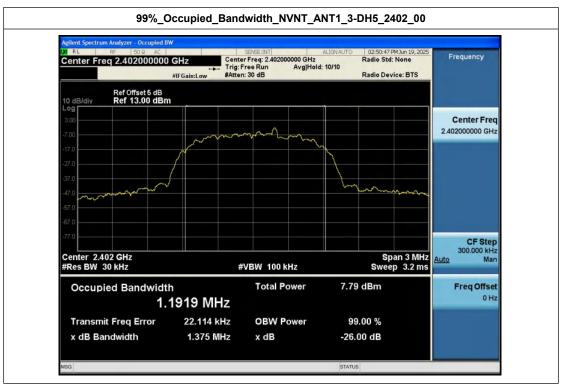




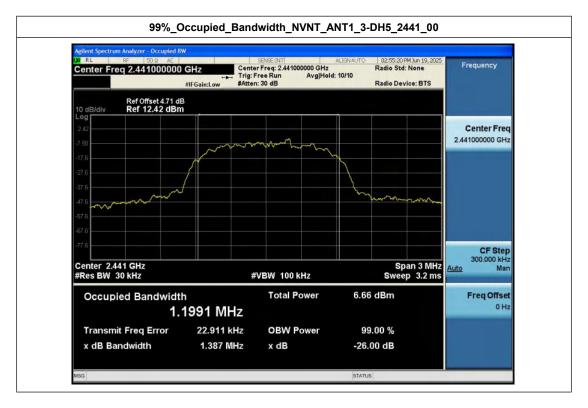


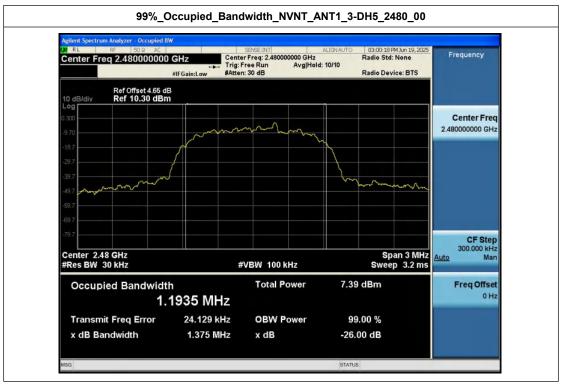








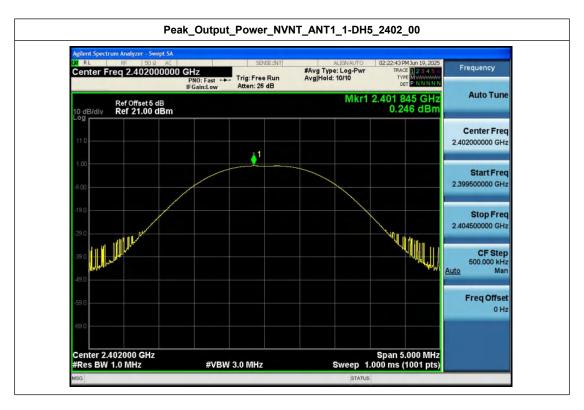




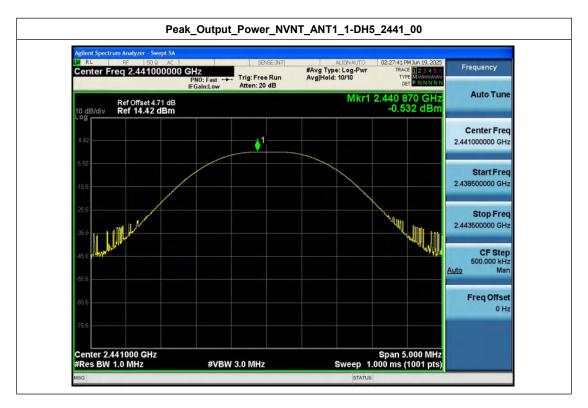


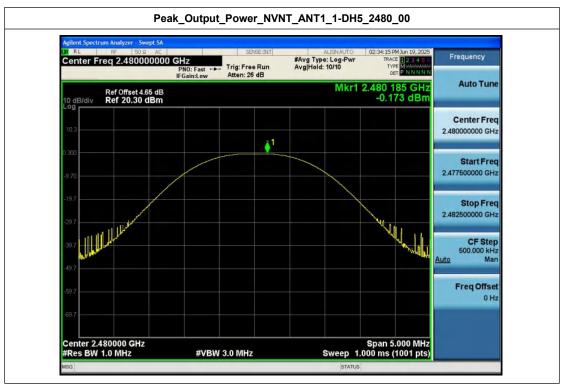
### **Appendix D: Peak Output Power(Left)**

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	0.25	1.06	125	Pass
NVNT	ANT1	1-DH5	2441.00	-0.53	0.88	125	Pass
NVNT	ANT1	1-DH5	2480.00	-0.17	0.96	125	Pass
NVNT	ANT1	2-DH5	2402.00	2.60	1.82	125	Pass
NVNT	ANT1	2-DH5	2441.00	1.97	1.57	125	Pass
NVNT	ANT1	2-DH5	2480.00	2.20	1.66	125	Pass
NVNT	ANT1	3-DH5	2402.00	3.16	2.07	125	Pass
NVNT	ANT1	3-DH5	2441.00	2.54	1.79	125	Pass
NVNT	ANT1	3-DH5	2480.00	2.75	1.88	125	Pass

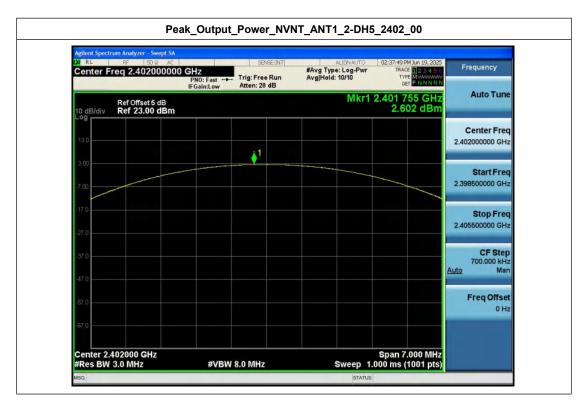


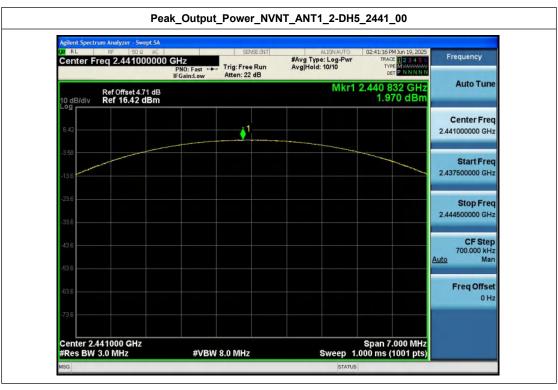




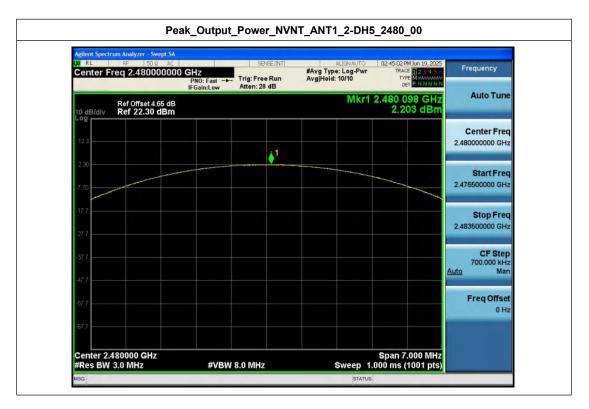


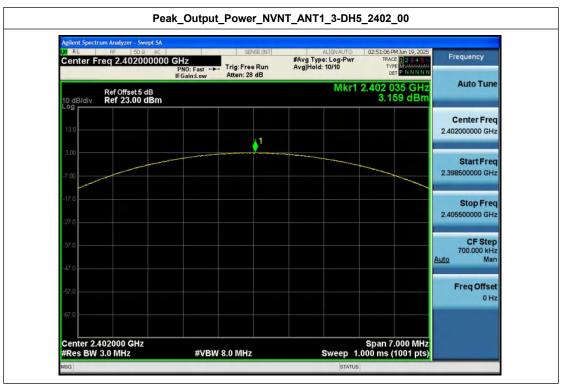




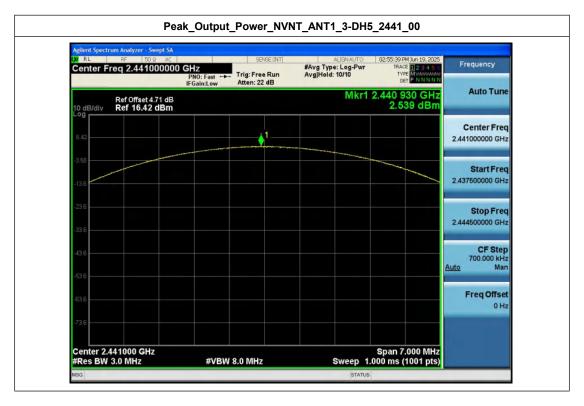


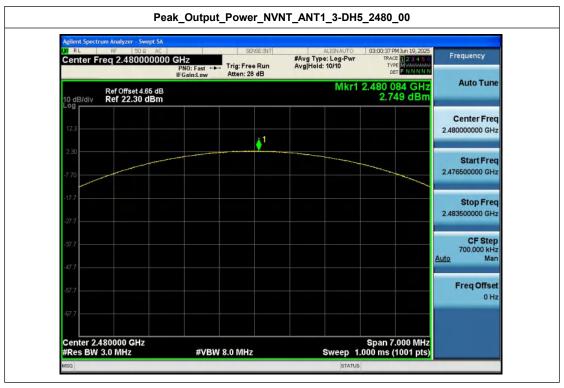








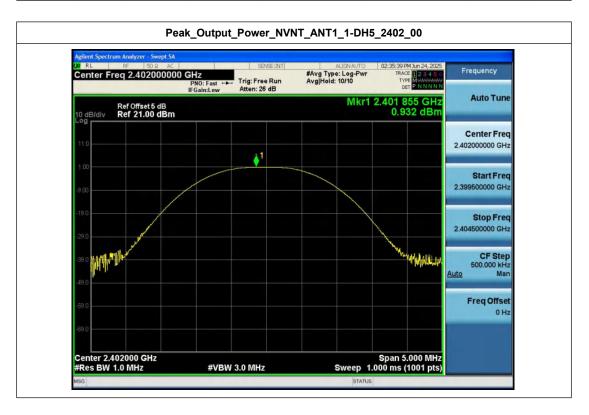




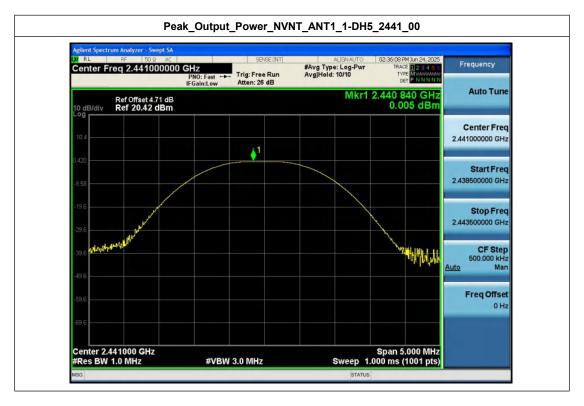


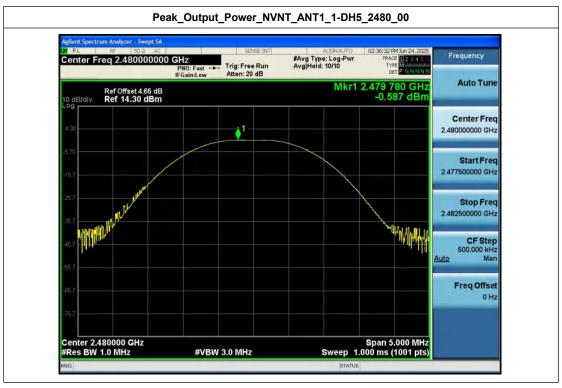
## Appendix E: Peak Output Power(Right)

Condition	Antenna	Modulation	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1-DH5	2402.00	0.93	1.24	125	Pass
NVNT	ANT1	1-DH5	2441.00	0.01	1.00	125	Pass
NVNT	ANT1	1-DH5	2480.00	-0.59	0.87	125	Pass
NVNT	ANT1	2-DH5	2402.00	1.83	1.52	125	Pass
NVNT	ANT1	2-DH5	2441.00	0.90	1.23	125	Pass
NVNT	ANT1	2-DH5	2480.00	0.40	1.10	125	Pass
NVNT	ANT1	3-DH5	2402.00	2.12	1.63	125	Pass
NVNT	ANT1	3-DH5	2441.00	1.26	1.34	125	Pass
NVNT	ANT1	3-DH5	2480.00	0.78	1.20	125	Pass

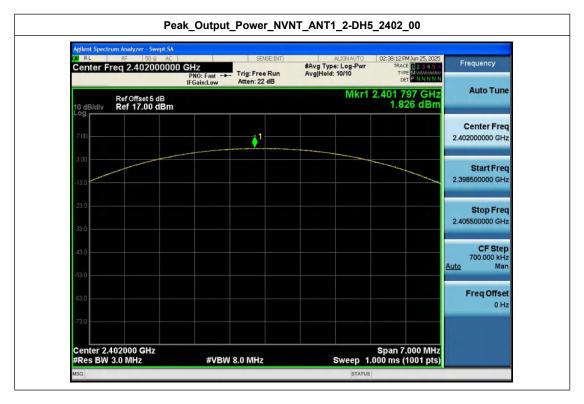


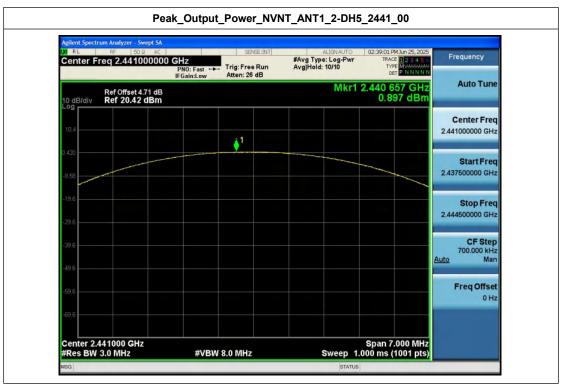




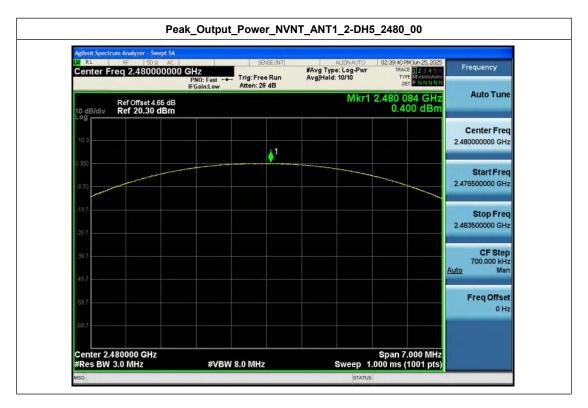


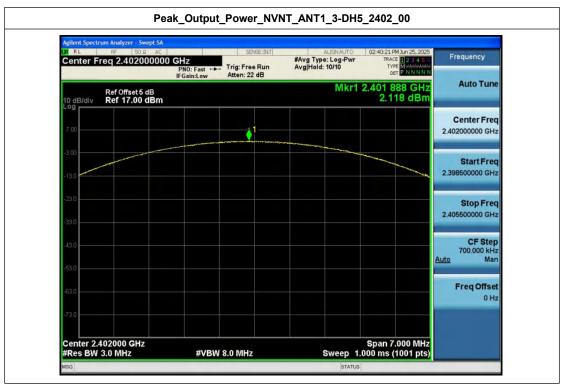




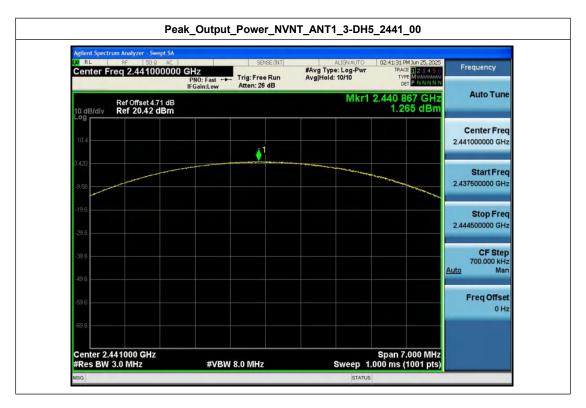


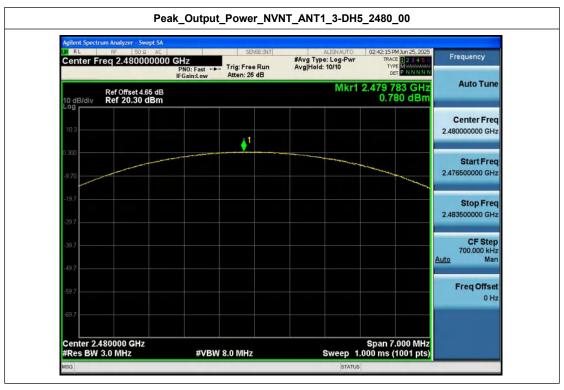












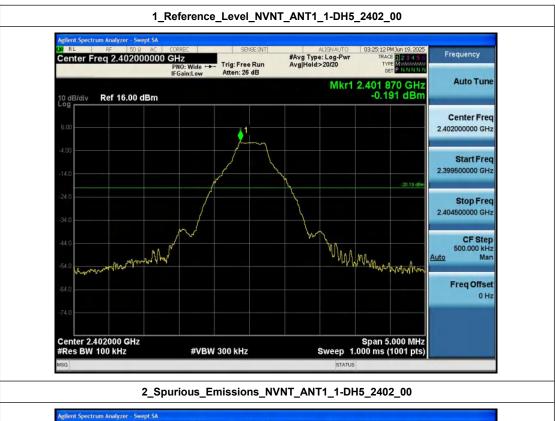


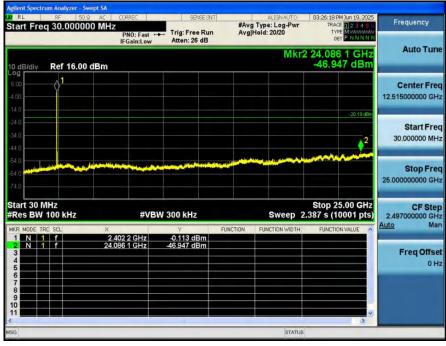
# **Appendix F: Spurious Emissions**

Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1-DH5	2402.00	-0.191	-46.947	-20.191	Pass
NVNT	ANT1	1-DH5	2441.00	-1.094	-44.477	-21.094	Pass
NVNT	ANT1	1-DH5	2480.00	-0.772	-45.172	-20.772	Pass
NVNT	ANT1	2-DH5	2402.00	-0.473	-44.170	-20.473	Pass
NVNT	ANT1	2-DH5	2441.00	-1.290	-47.570	-21.290	Pass
NVNT	ANT1	2-DH5	2480.00	-0.602	-48.756	-20.602	Pass
NVNT	ANT1	3-DH5	2402.00	-0.070	-45.253	-20.070	Pass
NVNT	ANT1	3-DH5	2441.00	-0.642	-48.140	-20.642	Pass
NVNT	ANT1	3-DH5	2480.00	-0.953	-45.345	-20.953	Pass

Note:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'Input Correction' of the Spectrum Analyzer during the test.











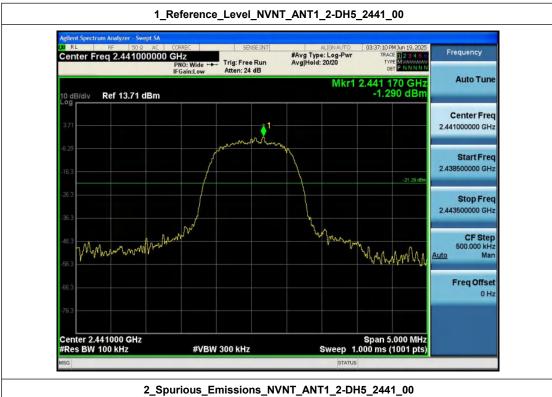




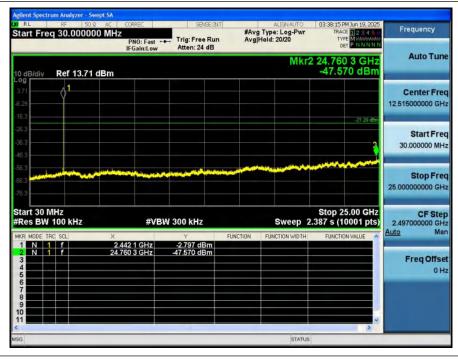






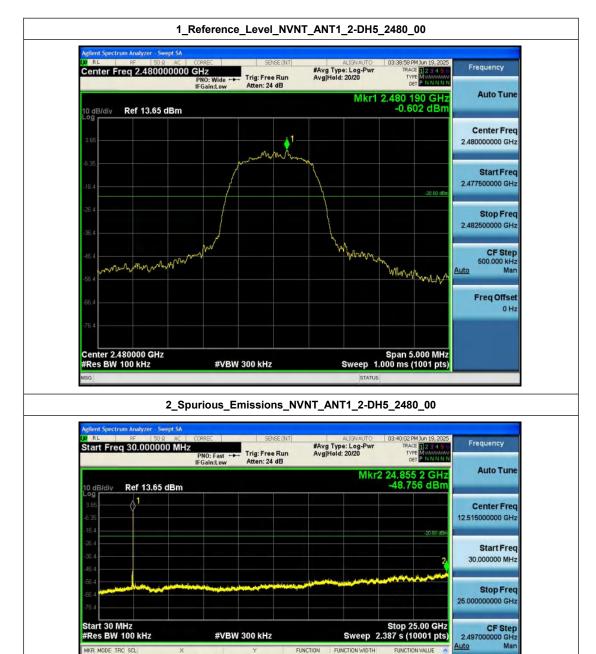






Freq Offset 0 Hz





#### **Shenzhen Anbotek Compliance Laboratory Limited**

Start 30 MHz #Res BW 100 kHz

**#VBW** 300 kHz

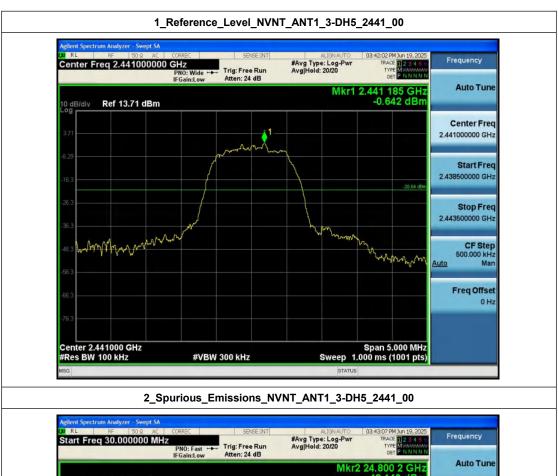
2.479 6 GHz 24.855 2 GHz













30.000000 MHz

25.000000000 GHz

CF Step 2.497000000 GHz Man

> Freq Offset 0 Hz

Stop 25.00 GHz Sweep 2.387 s (10001 pts)





#### **Shenzhen Anbotek Compliance Laboratory Limited**

Start 30 MHz #Res BW 100 kHz

**#VBW** 300 kHz

2.479 6 GHz 24.865 2 GHz



# Appendix G: Bandedge

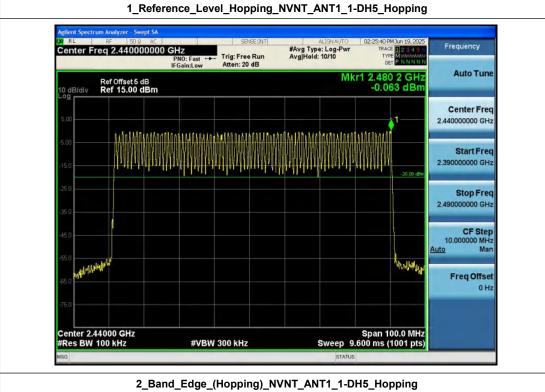
Condition	Antenna	Modulation	TX Mode	Ref_level(dBm)	Bandedge MAX.Value	Limit	Result
NVNT	ANT1	1-DH5	2402.00	0.191	-52.876	-19.809	Pass
NVNT	ANT1	1-DH5	Hopping_LCH	-0.063	-56.362	-20.063	Pass
NVNT	ANT1	1-DH5	2480.00	-0.558	-54.251	-20.558	Pass
NVNT	ANT1	1-DH5	Hopping_HCH	-0.719	-56.580	-20.719	Pass
NVNT	ANT1	2-DH5	2402.00	-0.139	-48.636	-20.139	Pass
NVNT	ANT1	2-DH5	Hopping_LCH	-0.481	-54.392	-20.481	Pass
NVNT	ANT1	2-DH5	2480.00	-0.491	-54.669	-20.491	Pass
NVNT	ANT1	2-DH5	Hopping_HCH	-0.799	-55.796	-20.799	Pass
NVNT	ANT1	3-DH5	2402.00	-0.148	-47.334	-20.148	Pass
NVNT	ANT1	3-DH5	Hopping_LCH	-0.055	-48.967	-20.055	Pass
NVNT	ANT1	3-DH5	2480.00	-0.552	-51.398	-20.552	Pass
NVNT	ANT1	3-DH5	Hopping_HCH	-1.038	-53.051	-21.038	Pass

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

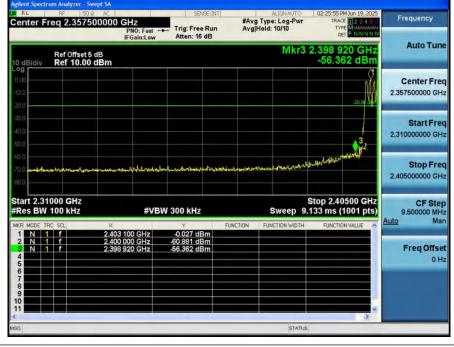






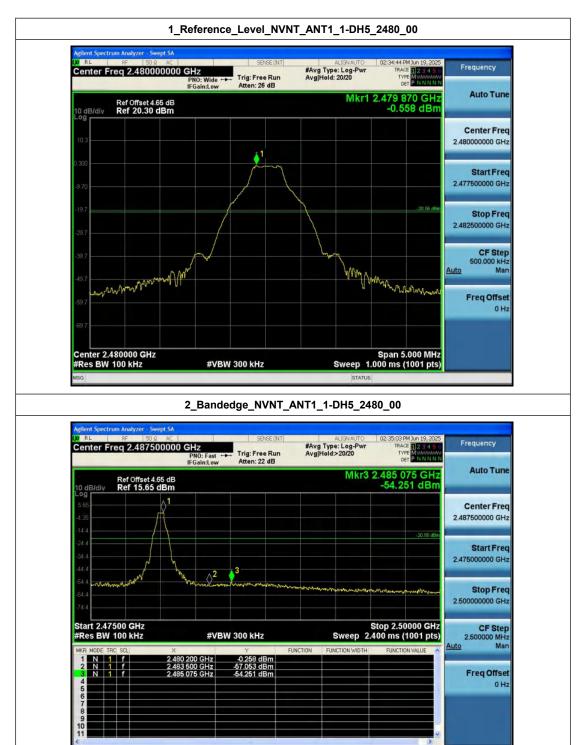




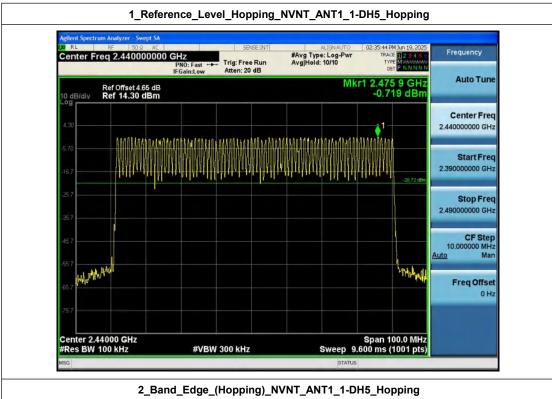


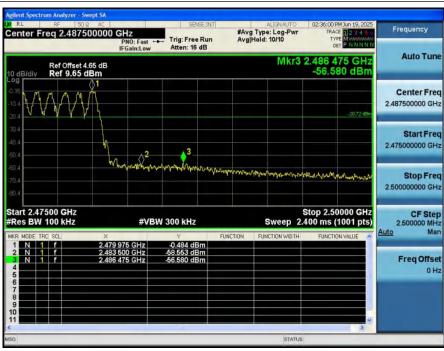
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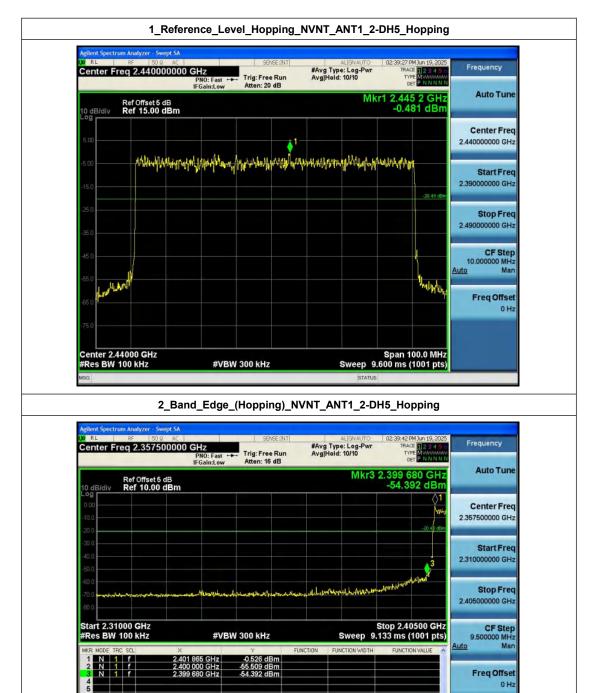




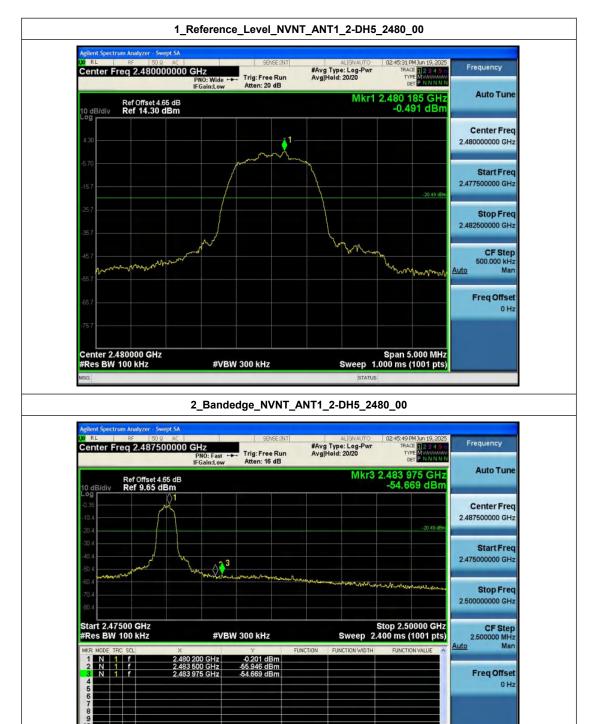




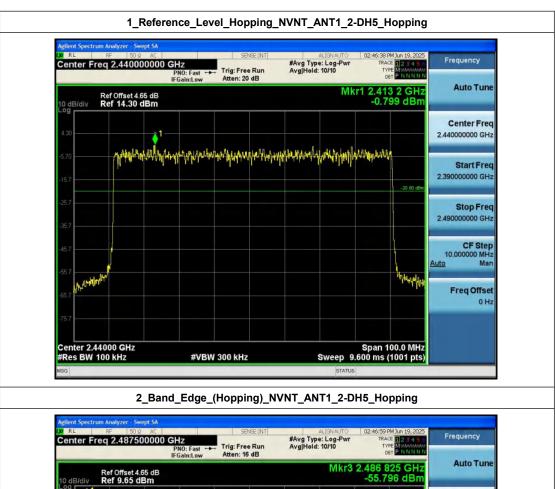










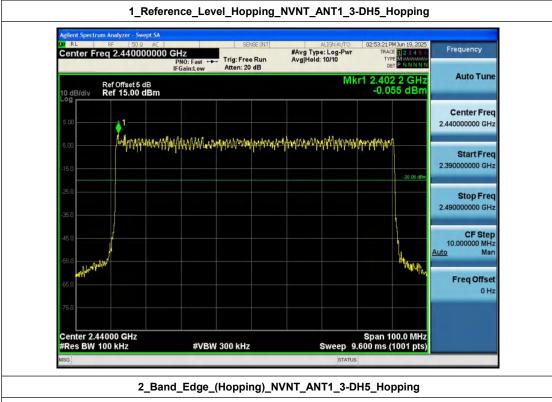


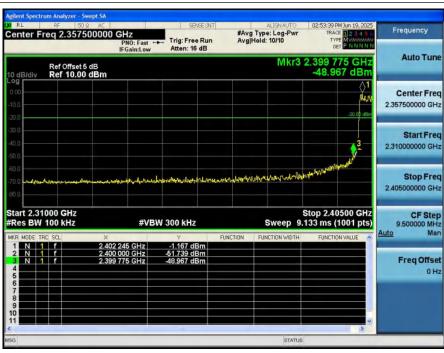












CF Step 2.500000 MHz Man

Freq Offset

Stop 2.50000 GHz Sweep 2.400 ms (1001 pts)



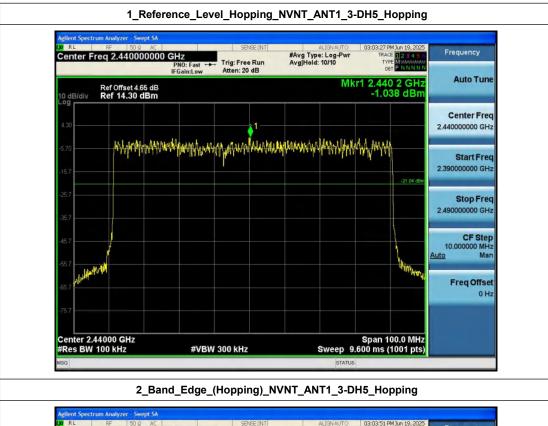


## **Shenzhen Anbotek Compliance Laboratory Limited**

Start 2.47500 GHz #Res BW 100 kHz

**#VBW 300 kHz** 



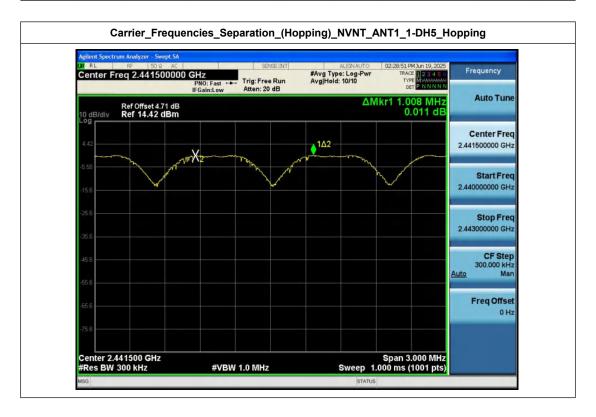




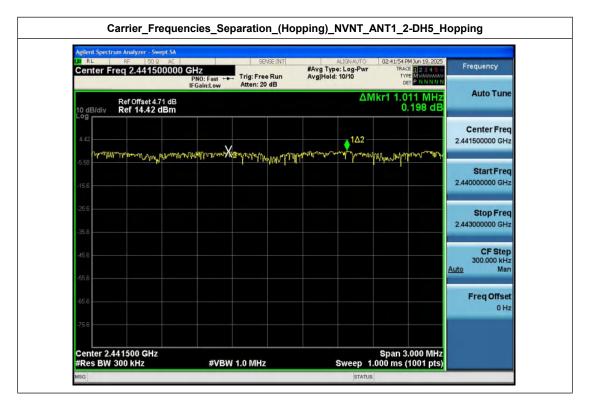


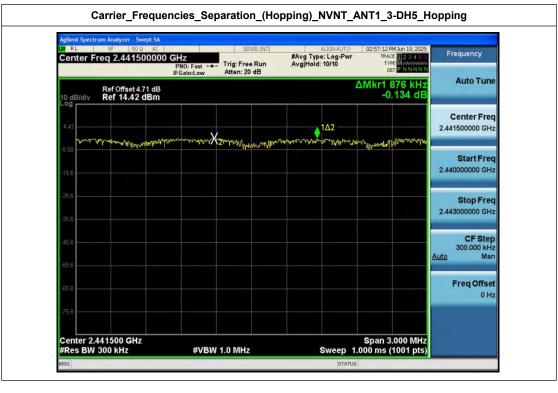
# **Appendix H: Carrier Frequencies Separation (Hopping)**

Condition	Antenna	Modulation	Frequency(MHz)	Hopping NO.0 (MHz)	Hopping NO.1 (MHz)	Carrier Frequencies Separation(MHz)	Limit(MHz)	Result
NVNT	ANT1	1-DH5	2441.00	2440.858	2441.866	1.01	0.641	Pass
NVNT	ANT1	2-DH5	2441.00	2441.167	2442.178	1.01	0.889	Pass
NVNT	ANT1	3-DH5	2441.00	2441.182	2442.058	0.88	0.875	Pass







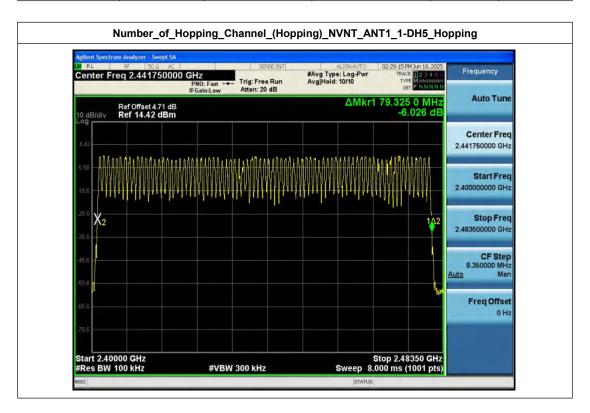


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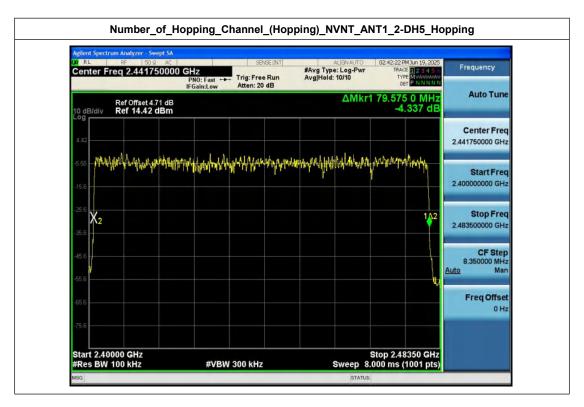


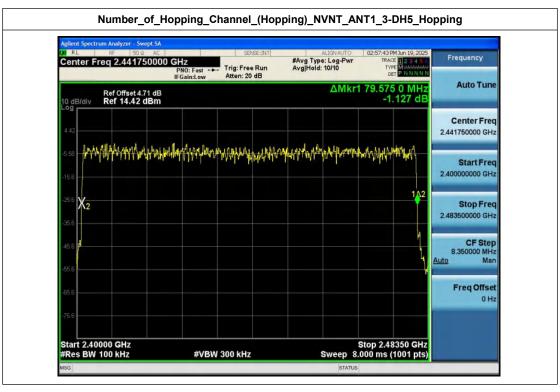
# **Appendix I: Number of Hopping Channel (Hopping)**

Condition	Antenna	Modulation	Hopping Num	Limit	Result	
NVNT	ANT1	1-DH5	79	15	Pass	
NVNT	ANT1	2-DH5	79	15	Pass	
NVNT	ANT1	3-DH5	79	15	Pass	







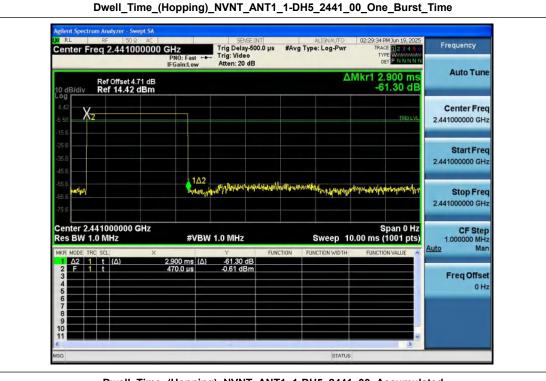




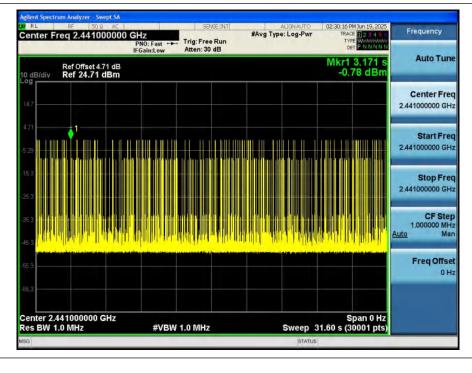
# **Appendix J: Dwell Time (Hopping)**

Condition	Antenna	Packet Type	Pulse Time(ms)	Hops	Dwell Time(ms)	Limit(s)	Result
NVNT	ANT1	1-DH5	2.900	112.00	324.800	0.40	Pass
NVNT	ANT1	2-DH5	2.900	101.00	292.900	0.40	Pass
NVNT	ANT1	3-DH5	2.900	100.00	290.000	0.40	Pass
NVNT	ANT1	1-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	1-DH3	1.650	161.00	265.650	0.40	Pass
NVNT	ANT1	2-DH1	0.400	319.00	127.600	0.40	Pass
NVNT	ANT1	2-DH3	1.640	163.00	267.320	0.40	Pass
NVNT	ANT1	3-DH1	0.400	320.00	128.000	0.40	Pass
NVNT	ANT1	3-DH3	1.650	161.00	265.650	0.40	Pass

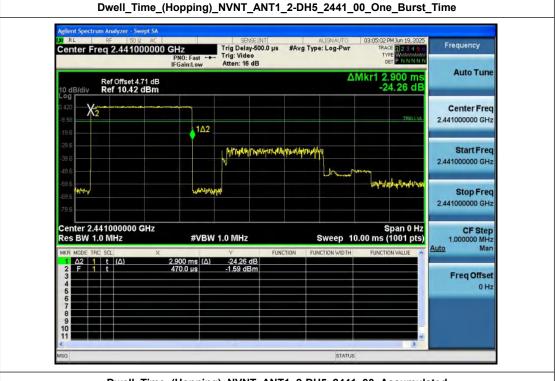




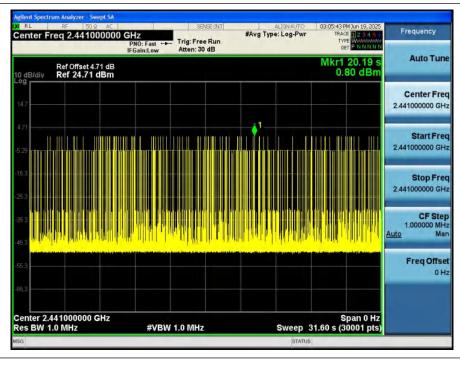




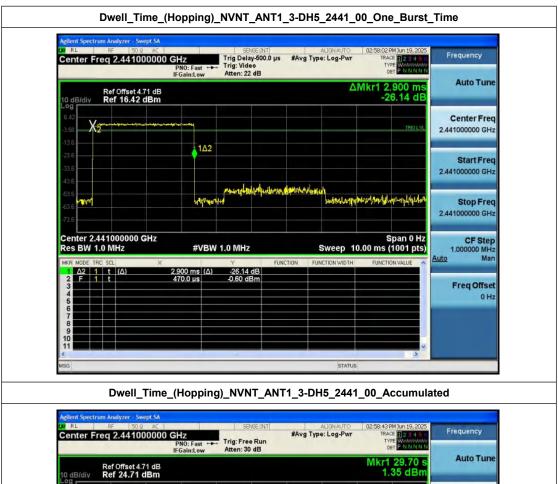


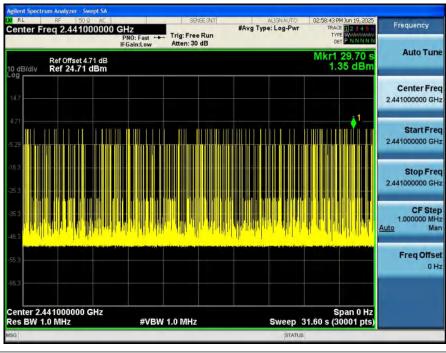




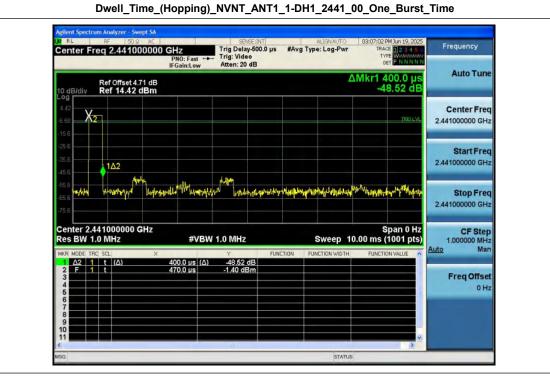




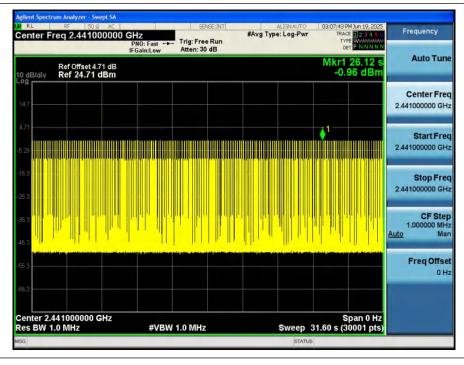




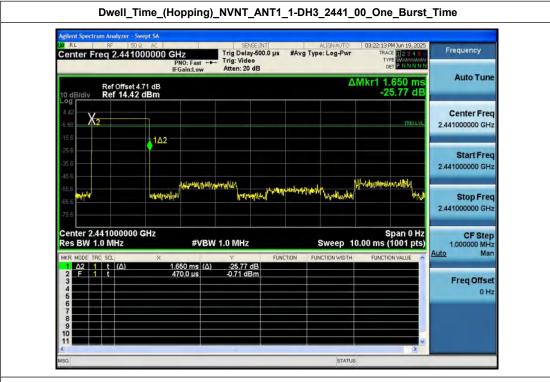




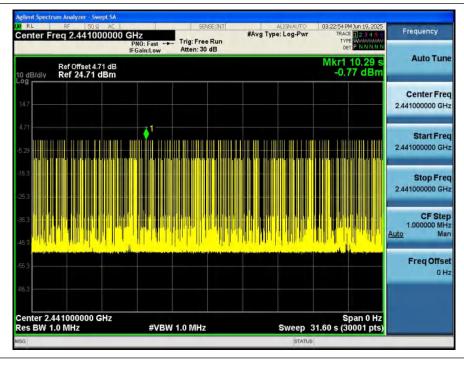




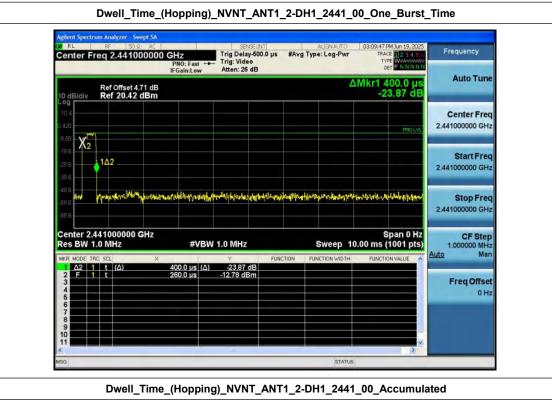


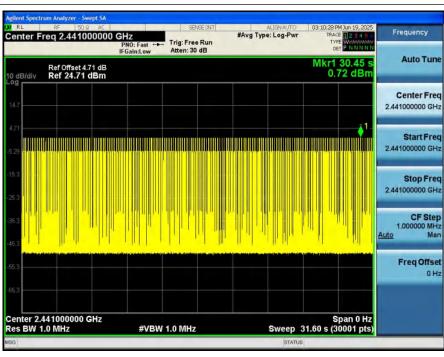




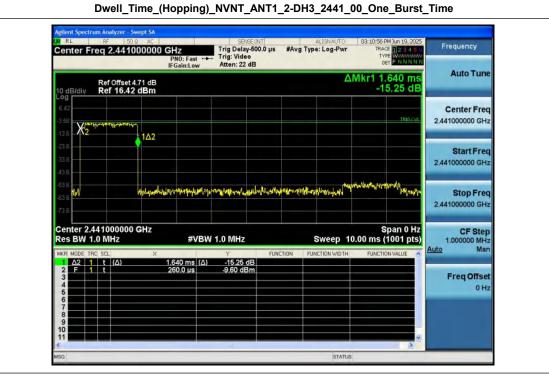




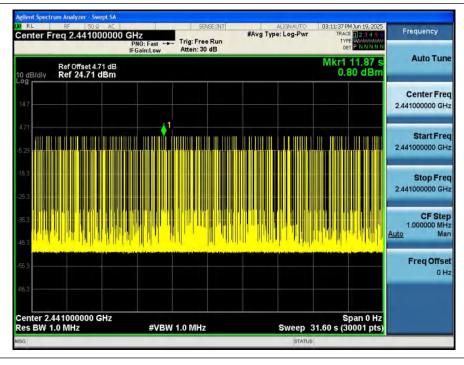












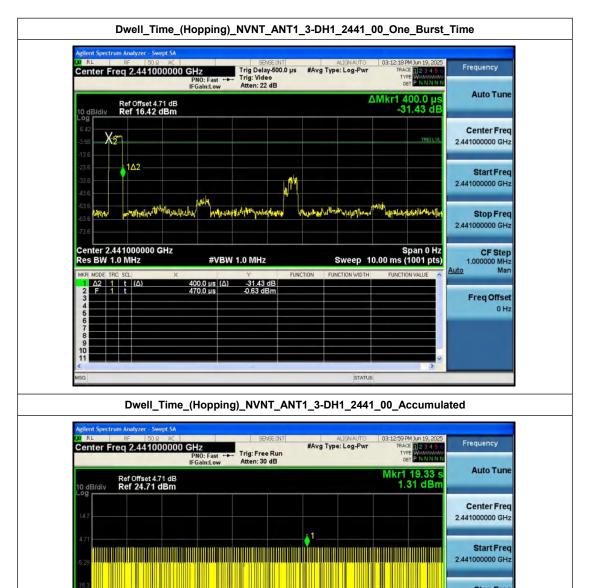
2.441000000 GHz

CF Step 1,000000 MHz

Freq Offset 0 Hz

Span 0 Hz Sweep 31.60 s (30001 pts)



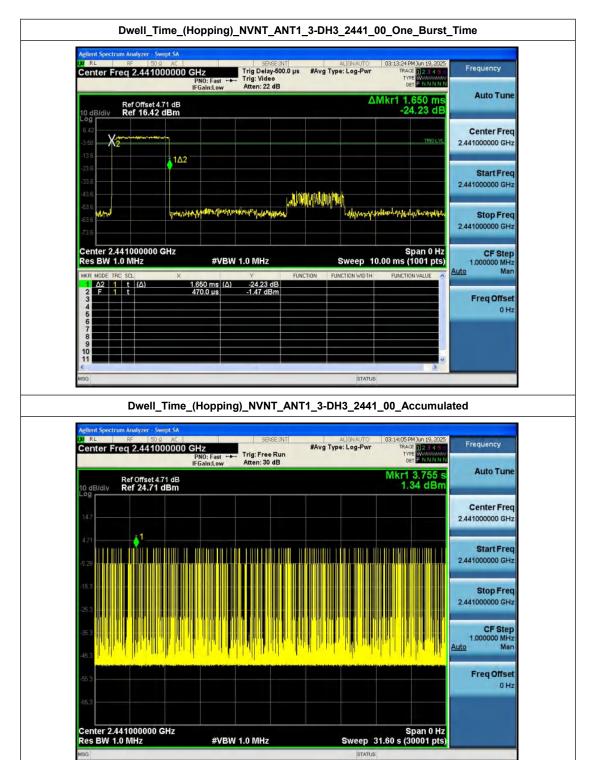


### **Shenzhen Anbotek Compliance Laboratory Limited**

Center 2.441000000 GHz Res BW 1.0 MHz

**#VBW 1.0 MHz** 





### ---END---