

Appendix Test Data

Report No.:	182519C400067101	Test Sample No.:	1-2-2
Start Test Date:	2024.8.19	Finish Test Date:	2024.8.19
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	25.5℃	Relative Humidity:	47%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

Test Result

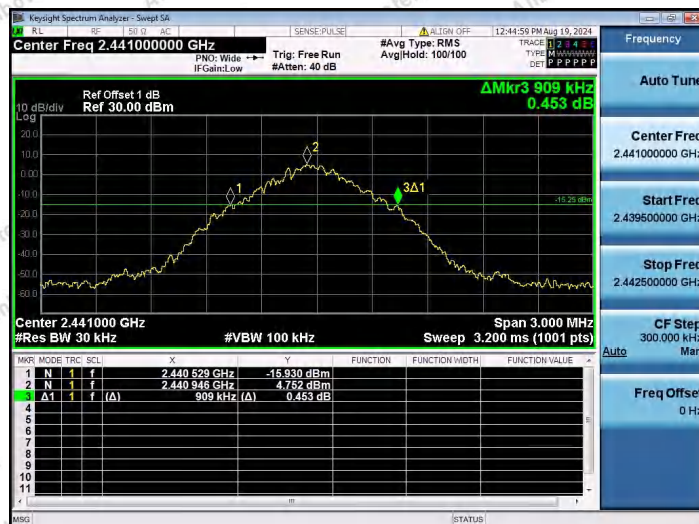
TestMode	Antenna	Frequency[MHz]	20db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.807	2401.565	2402.372	---	---
DH5	Ant1	2441	0.909	2440.529	2441.438	---	---
DH5	Ant1	2480	0.834	2479.544	2480.378	---	---
2DH5	Ant1	2402	1.317	2401.310	2402.627	---	---
2DH5	Ant1	2441	1.296	2440.328	2441.624	---	---
2DH5	Ant1	2480	1.320	2479.307	2480.627	---	---
3DH5	Ant1	2402	1.293	2401.307	2402.600	---	---
3DH5	Ant1	2441	1.305	2440.316	2441.621	---	---
3DH5	Ant1	2480	1.329	2479.295	2480.624	---	---



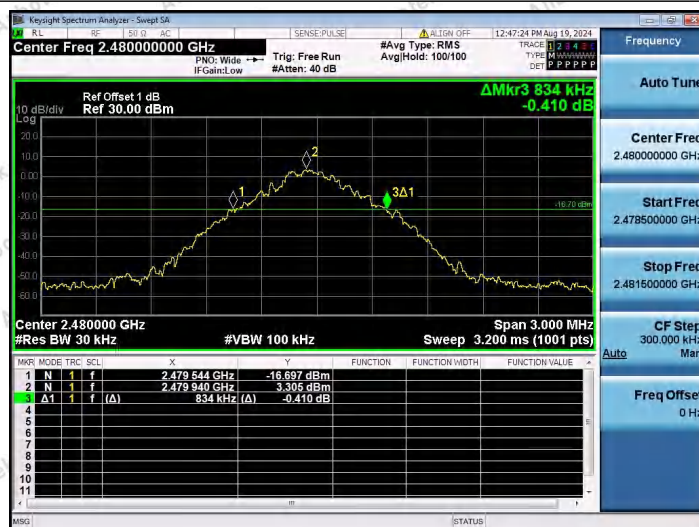
Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500
www.anbotech.com

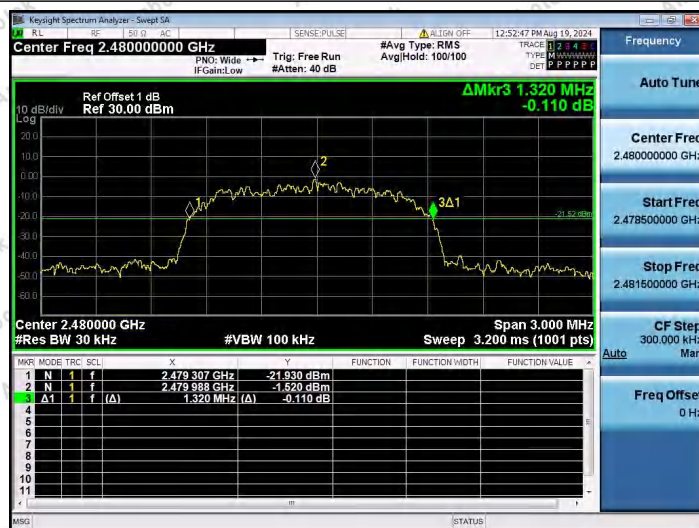




2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

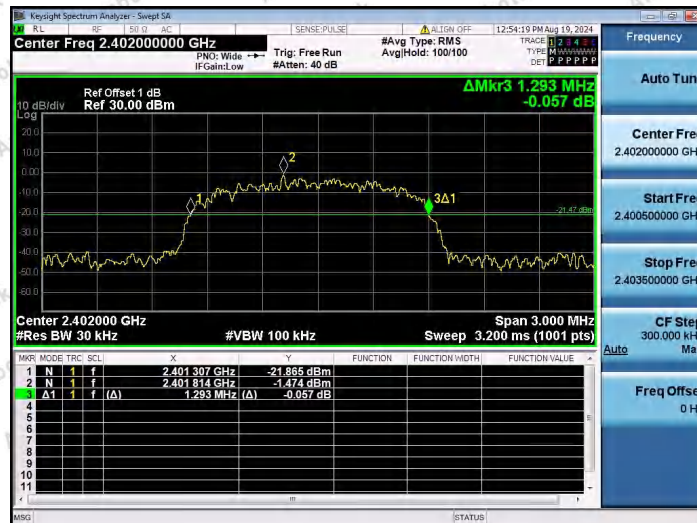
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

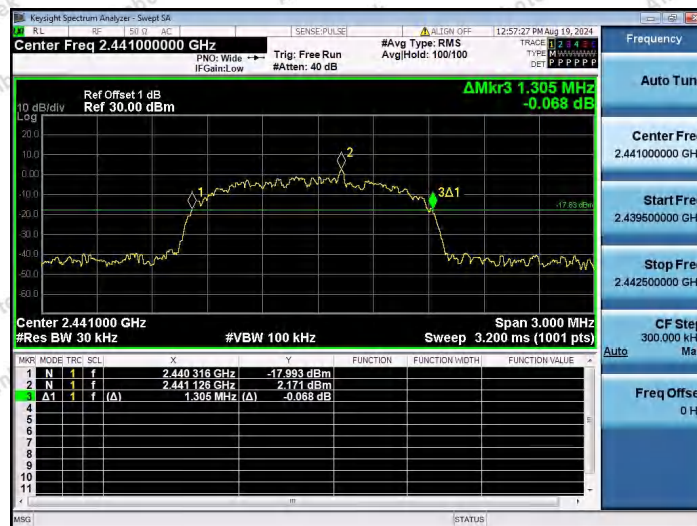


Hotline
400-003-0500
www.anbotech.com

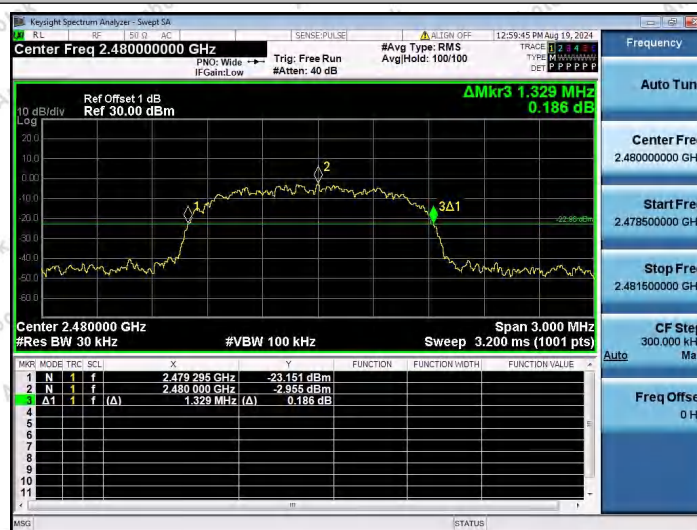




3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500
www.anbotech.com



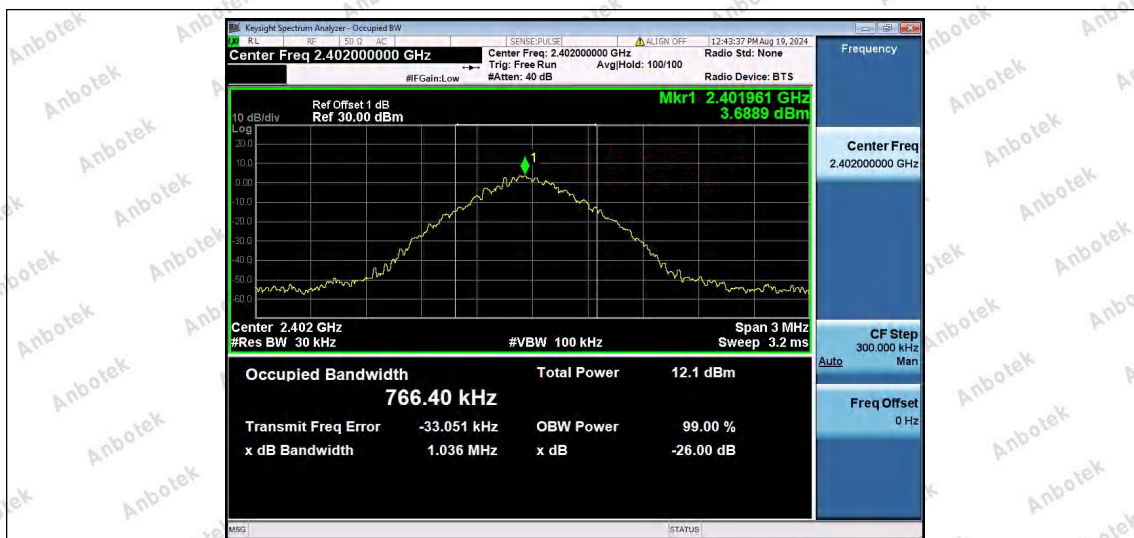
Appendix B: 99% Occupied Bandwidth

Test Result

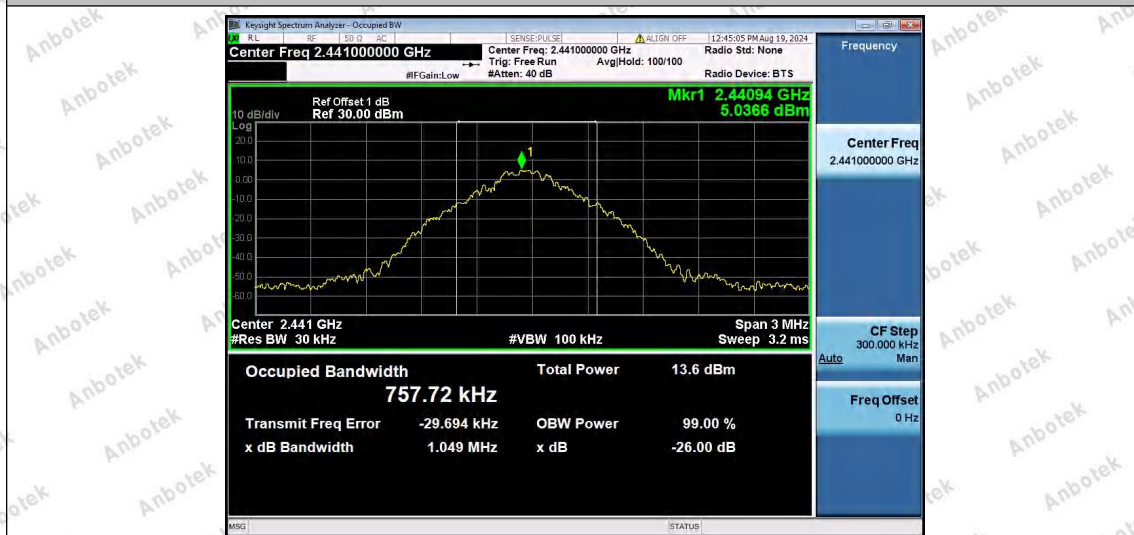
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.76640	2401.5838	2402.3502	---	---
DH5	Ant1	2441	0.75772	2440.5915	2441.3492	---	---
DH5	Ant1	2480	0.76246	2479.5876	2480.3501	---	---
2DH5	Ant1	2402	1.1755	2401.3825	2402.5580	---	---
2DH5	Ant1	2441	1.1692	2440.3762	2441.5454	---	---
2DH5	Ant1	2480	1.1730	2479.3663	2480.5393	---	---
3DH5	Ant1	2402	1.1984	2401.3646	2402.5630	---	---
3DH5	Ant1	2441	1.1947	2440.3670	2441.5617	---	---
3DH5	Ant1	2480	1.2030	2479.3616	2480.5646	---	---



Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com





2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

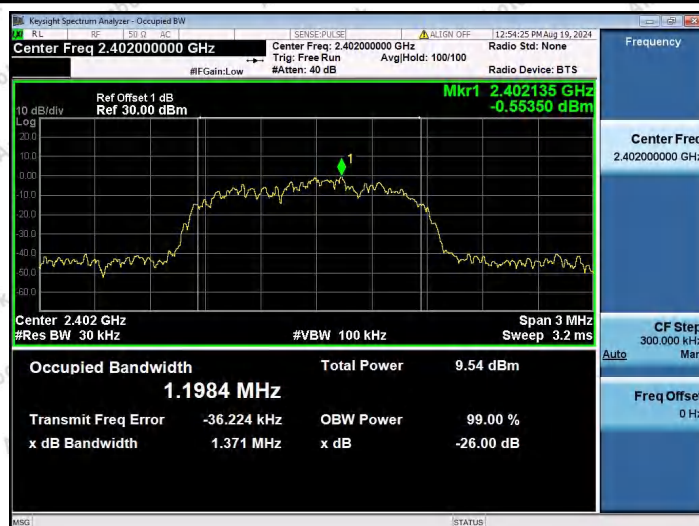
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com

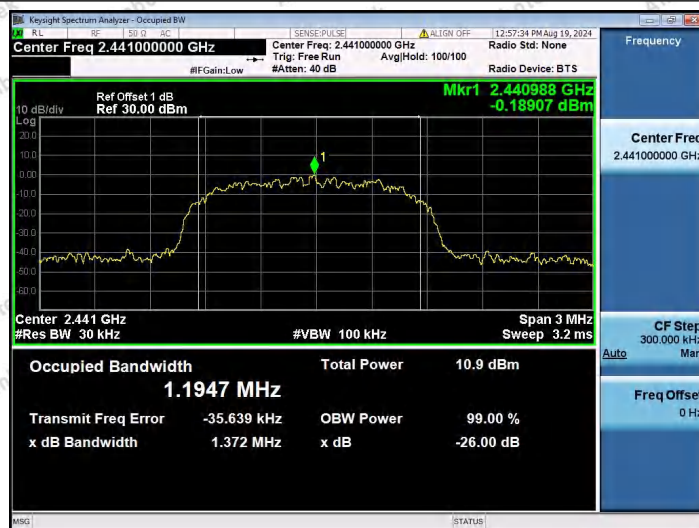


Hotline
400-003-0500
www.anbotech.com

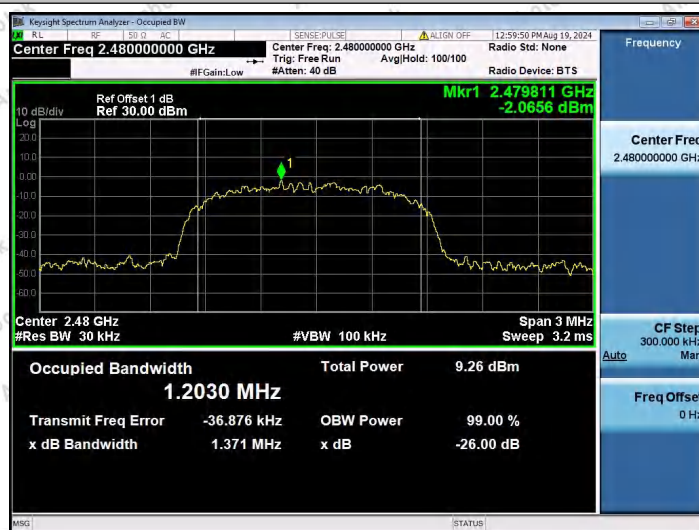




3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com



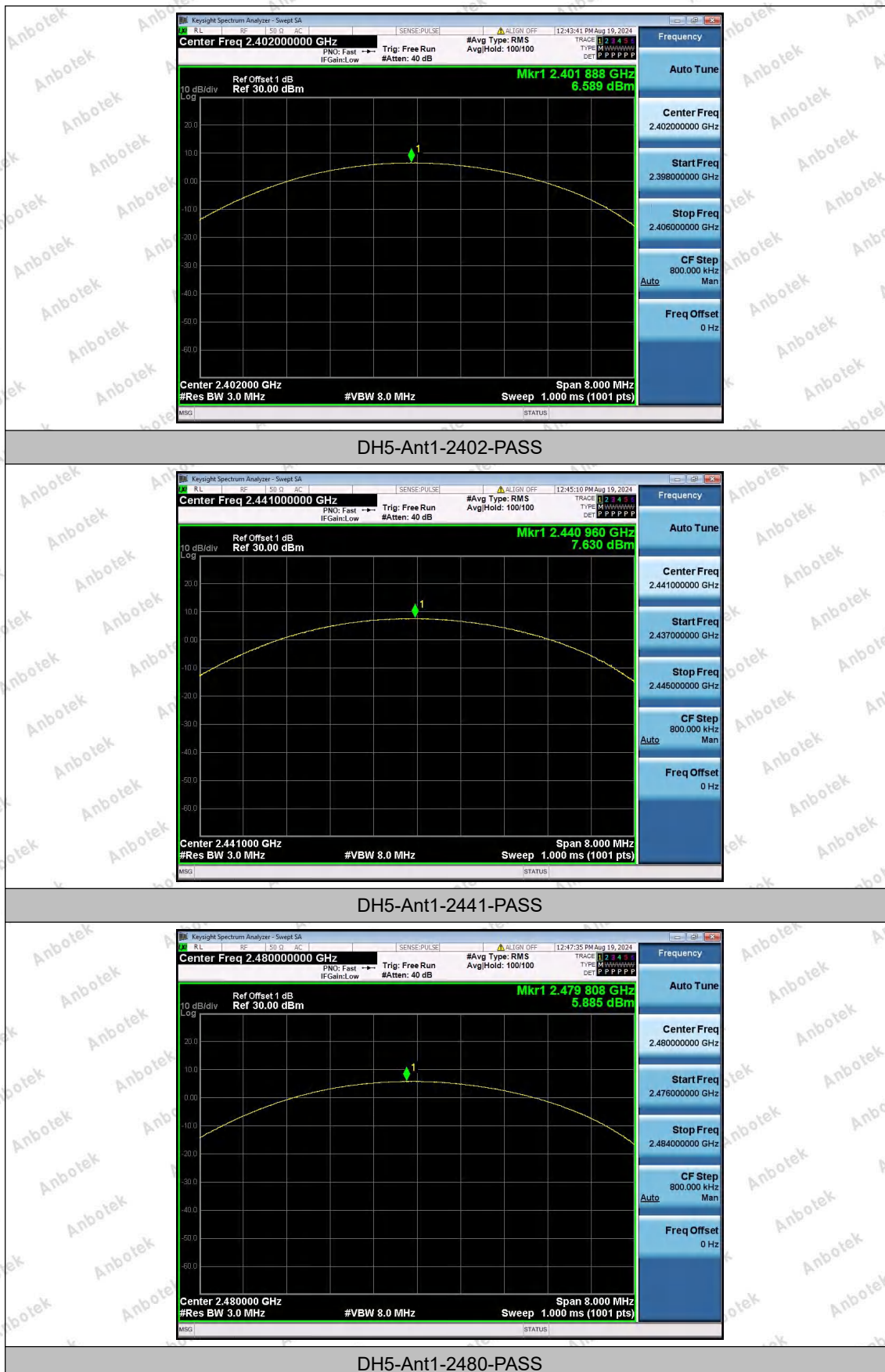
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	6.59	≤20.97	PASS
DH5	Ant1	2441	7.63	≤20.97	PASS
DH5	Ant1	2480	5.89	≤20.97	PASS
2DH5	Ant1	2402	6.11	≤20.97	PASS
2DH5	Ant1	2441	7.08	≤20.97	PASS
2DH5	Ant1	2480	5.44	≤20.97	PASS
3DH5	Ant1	2402	6.57	≤20.97	PASS
3DH5	Ant1	2441	7.64	≤20.97	PASS
3DH5	Ant1	2480	5.93	≤20.97	PASS



Test Graphs



Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com

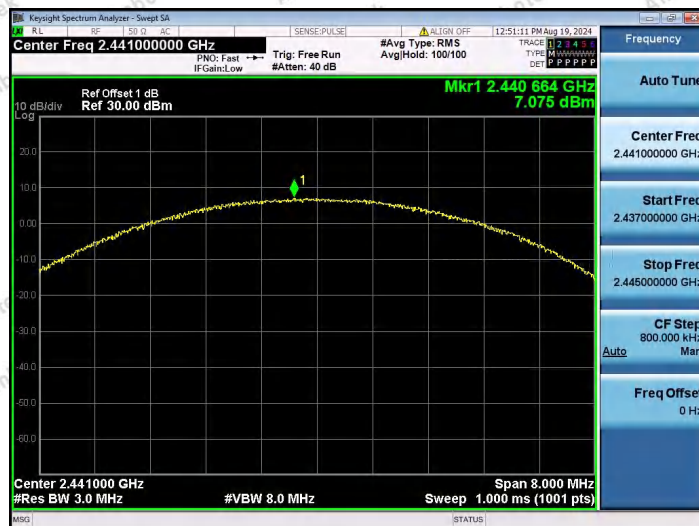


Hotline
400-003-0500
www.anbotek.com

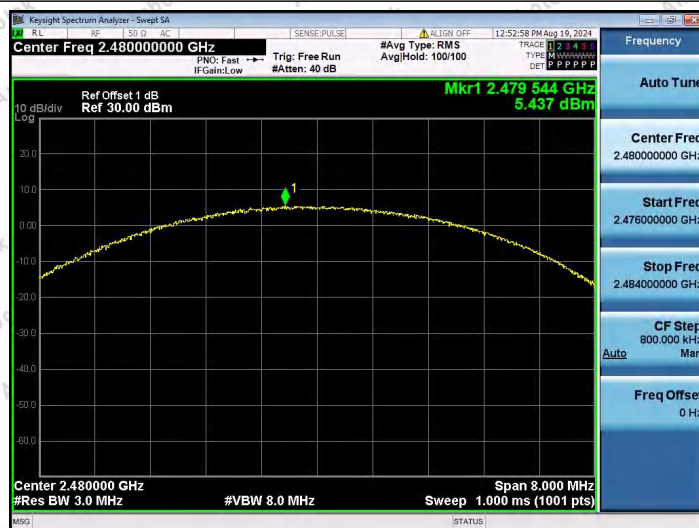




2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

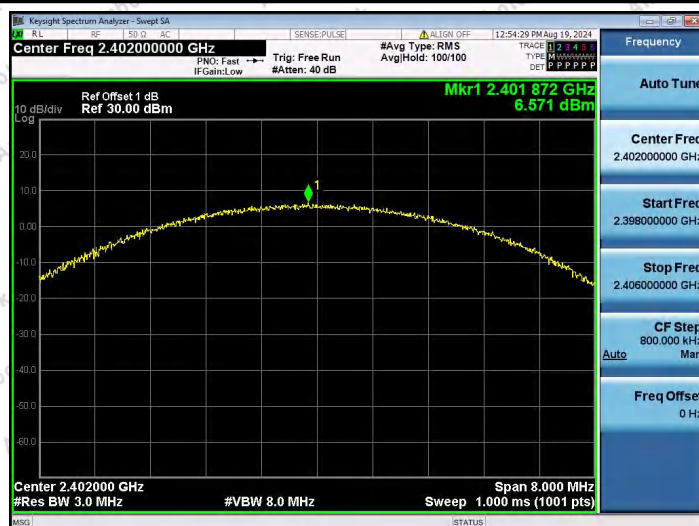
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500
www.anbotek.com





3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



3DH5-Ant1-2480-PASS



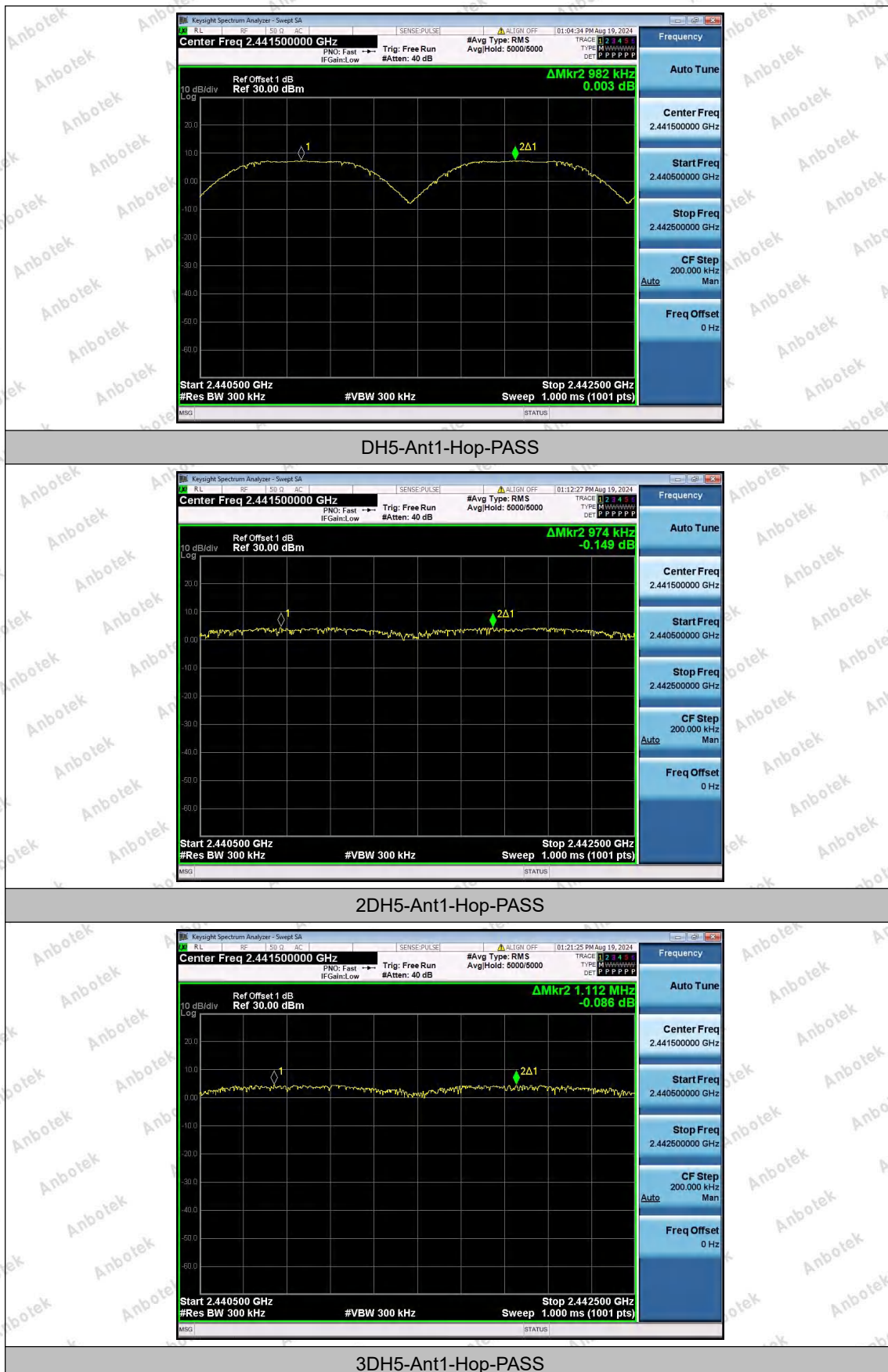
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.982	≥0.606	PASS
2DH5	Ant1	Hop	0.974	≥0.880	PASS
3DH5	Ant1	Hop	1.112	≥0.886	PASS



Test Graphs



Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500
www.anbotech.com



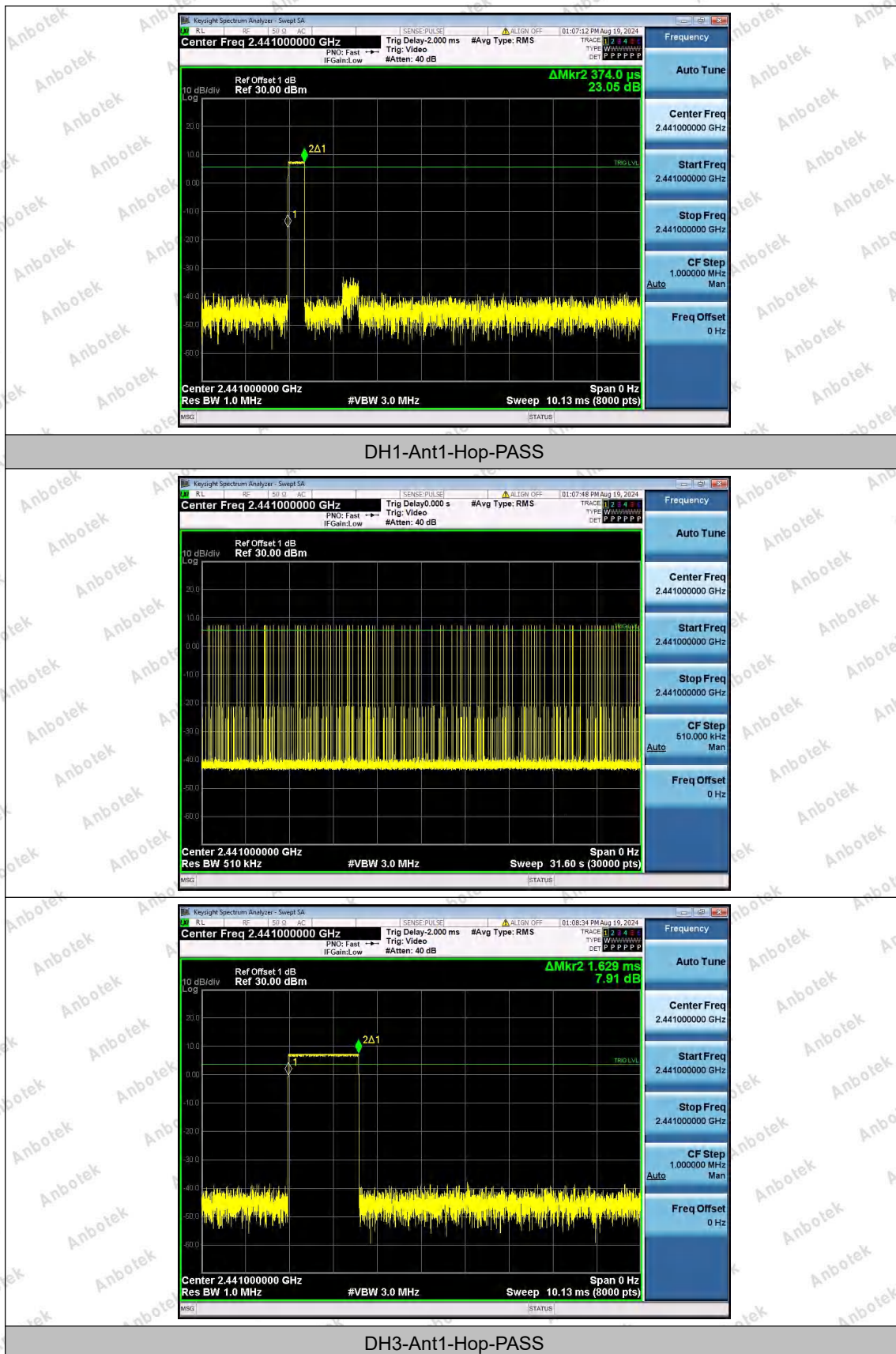
Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.374	116	0.043	≤0.4	PASS
DH3	Ant1	Hop	1.629	64	0.104	≤0.4	PASS
DH5	Ant1	Hop	2.878	40	0.115	≤0.4	PASS
2DH1	Ant1	Hop	0.381	120	0.046	≤0.4	PASS
2DH3	Ant1	Hop	1.634	71	0.116	≤0.4	PASS
2DH5	Ant1	Hop	2.882	46	0.133	≤0.4	PASS
3DH1	Ant1	Hop	0.381	118	0.045	≤0.4	PASS
3DH3	Ant1	Hop	1.633	69	0.113	≤0.4	PASS
3DH5	Ant1	Hop	2.884	45	0.130	≤0.4	PASS



Test Graphs



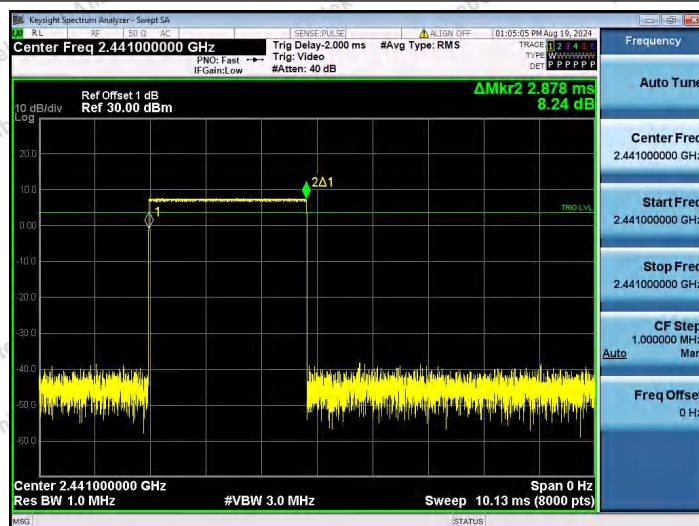
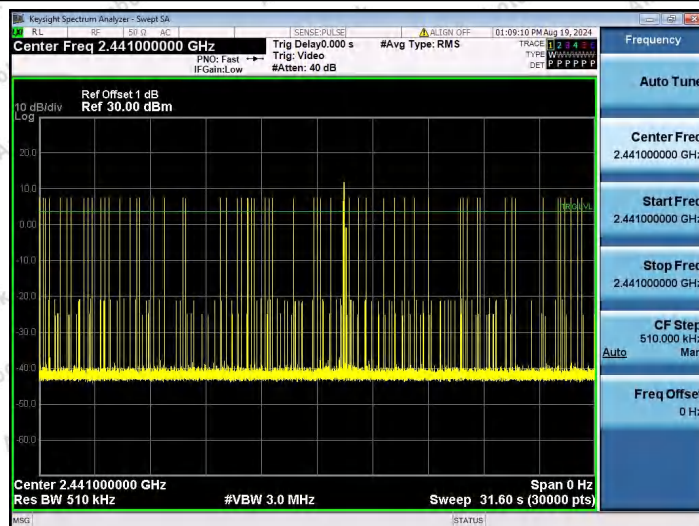
Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotek.com

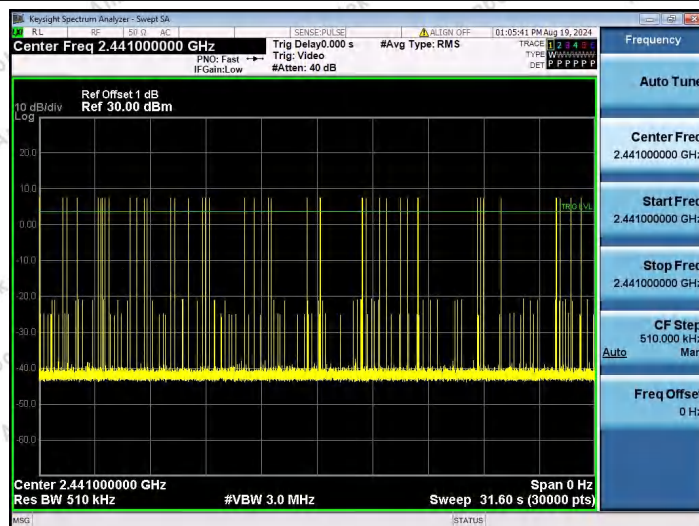


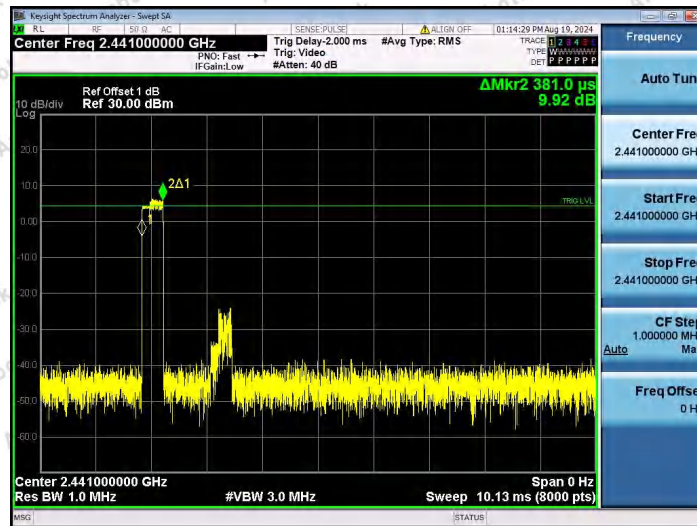
Hotline
400-003-0500
www.anbotek.com



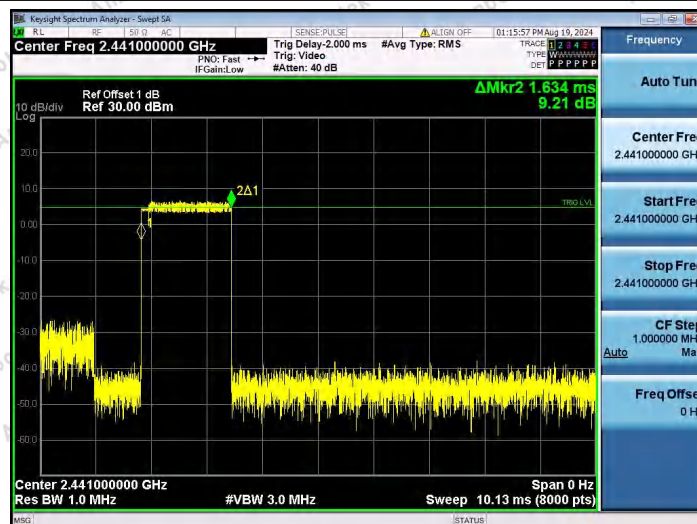
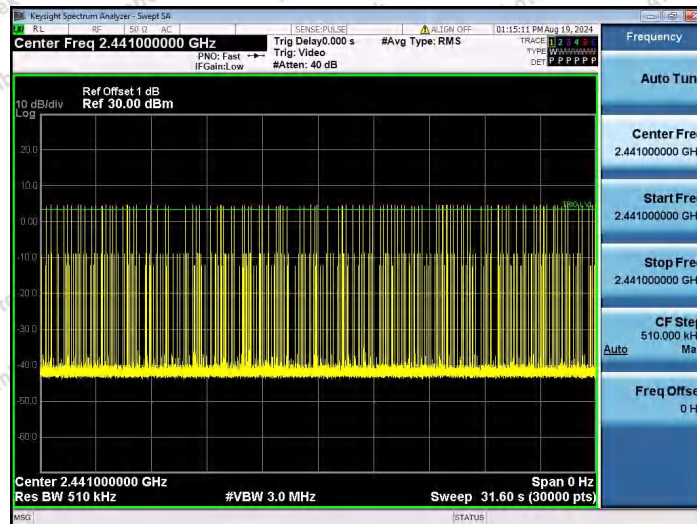


DH5-Ant1-Hop-PASS



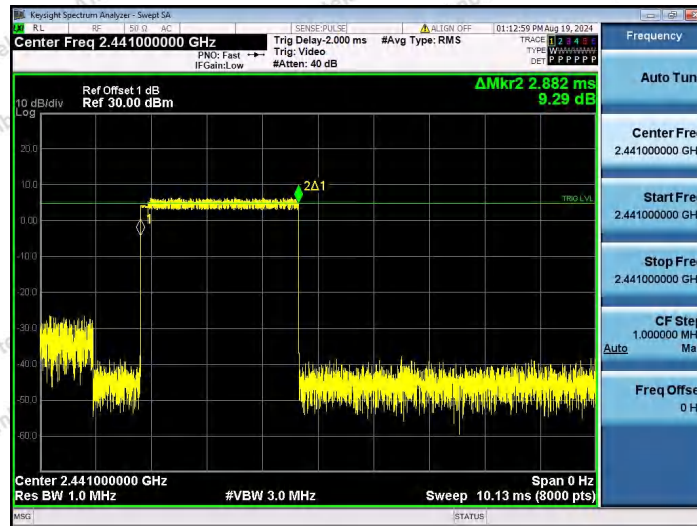
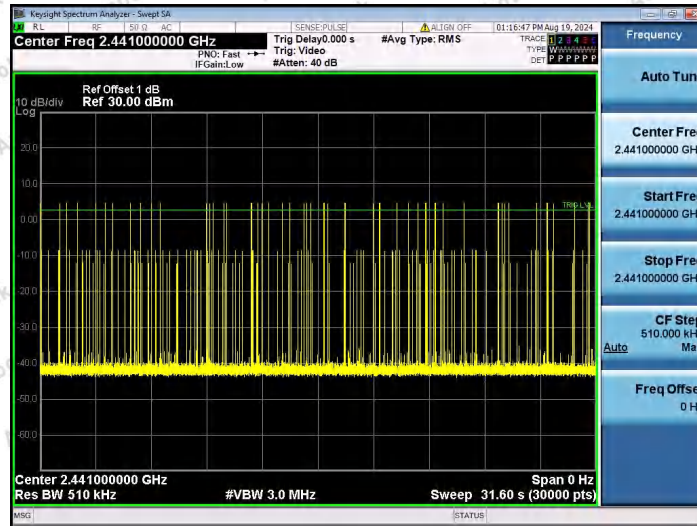


2DH1-Ant1-Hop-PASS

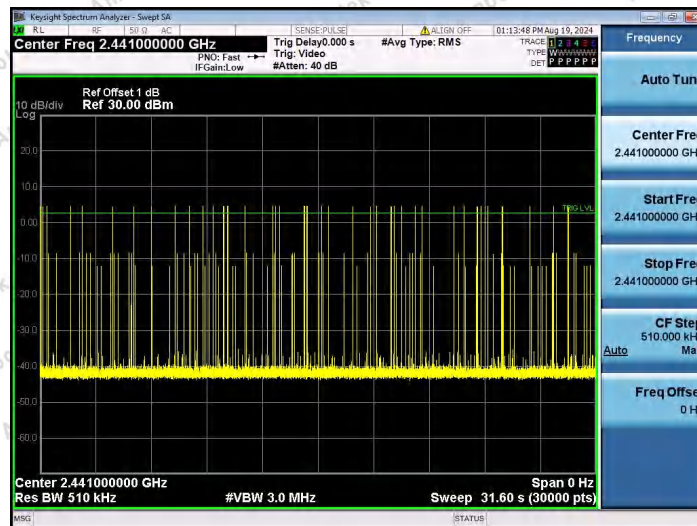


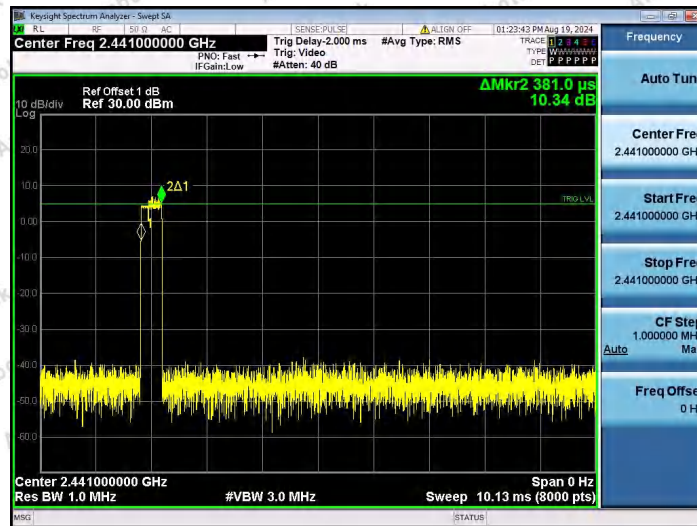
2DH3-Ant1-Hop-PASS



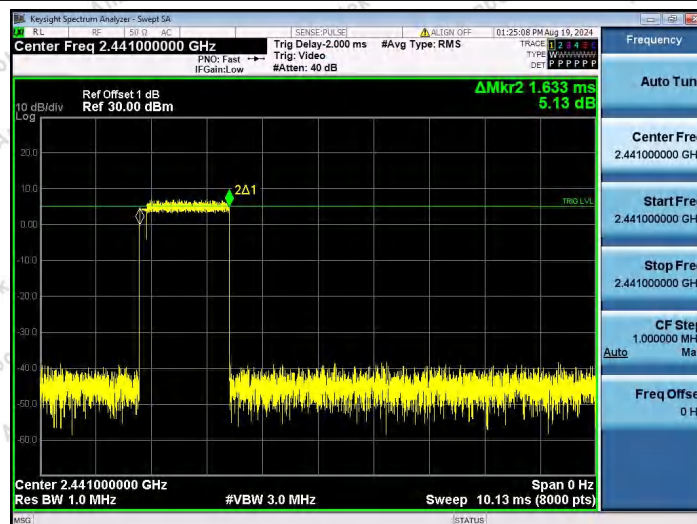
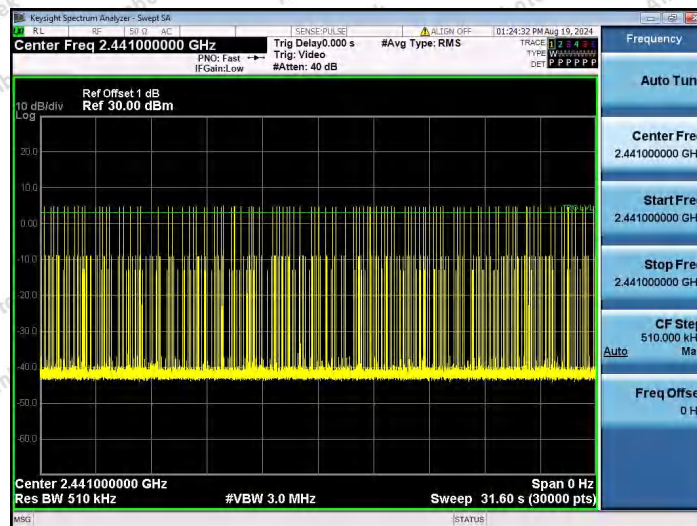


2DH5-Ant1-Hop-PASS



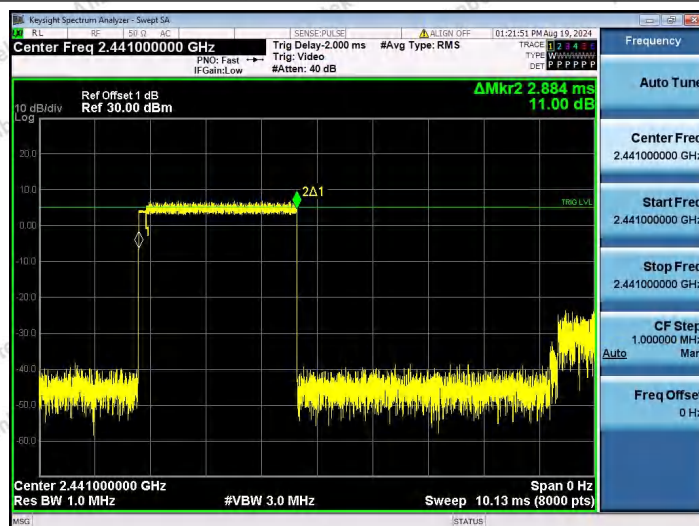
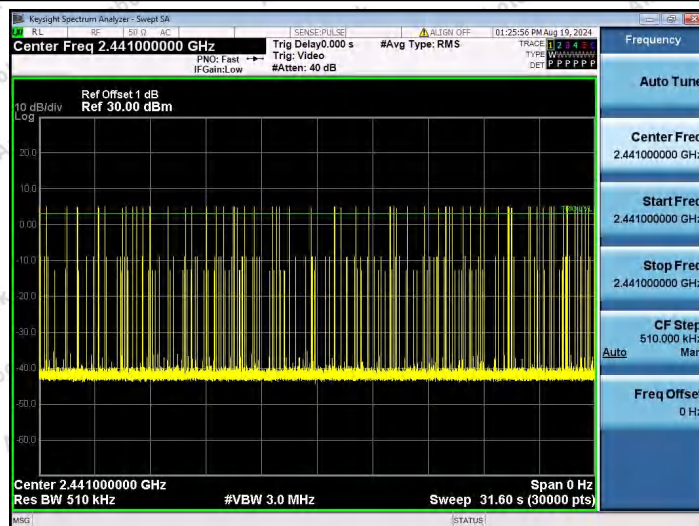


3DH1-Ant1-Hop-PASS

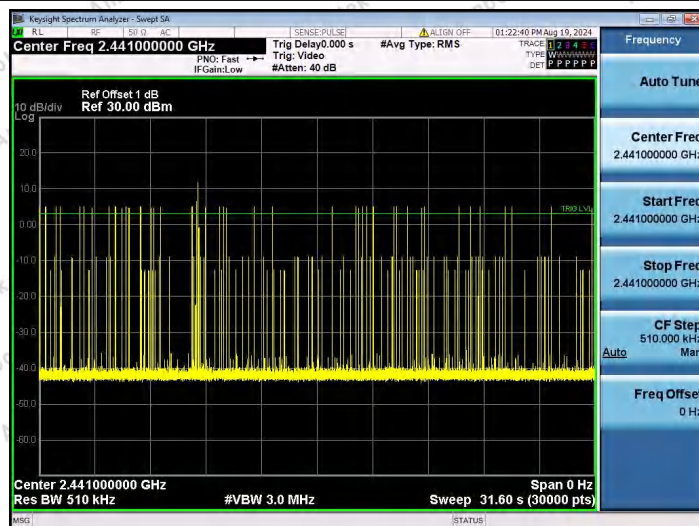


3DH3-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS



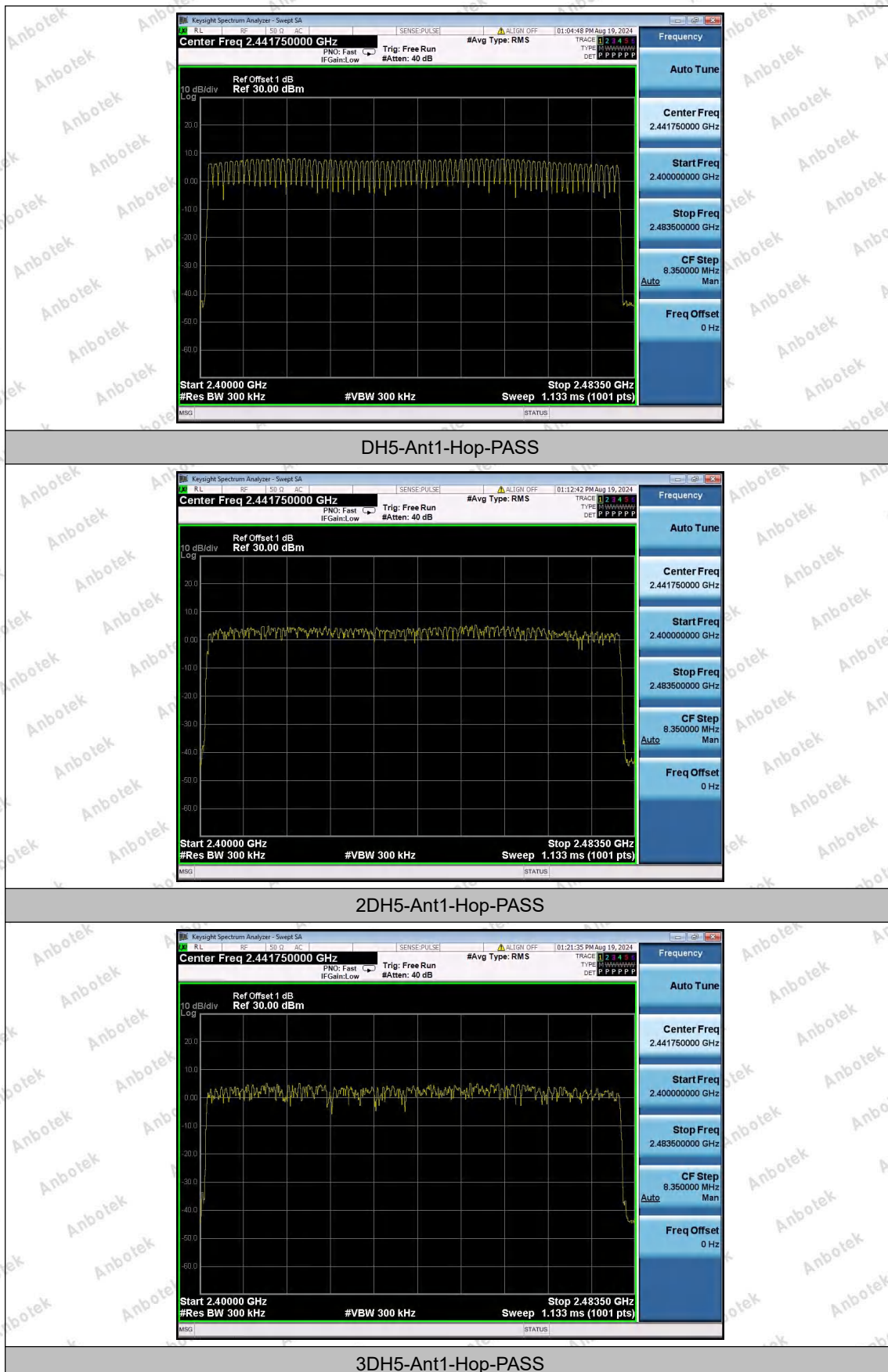
Appendix F: Number of Hopping Channel

Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS



Test Graphs



Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500
www.anbotech.com



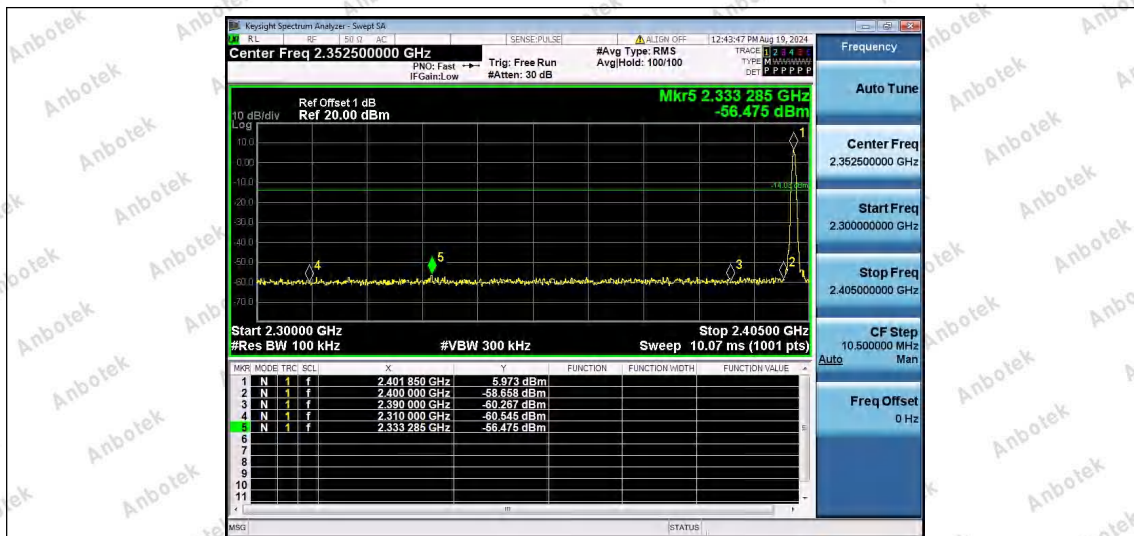
Appendix G: Conducted Band edge

Test Result

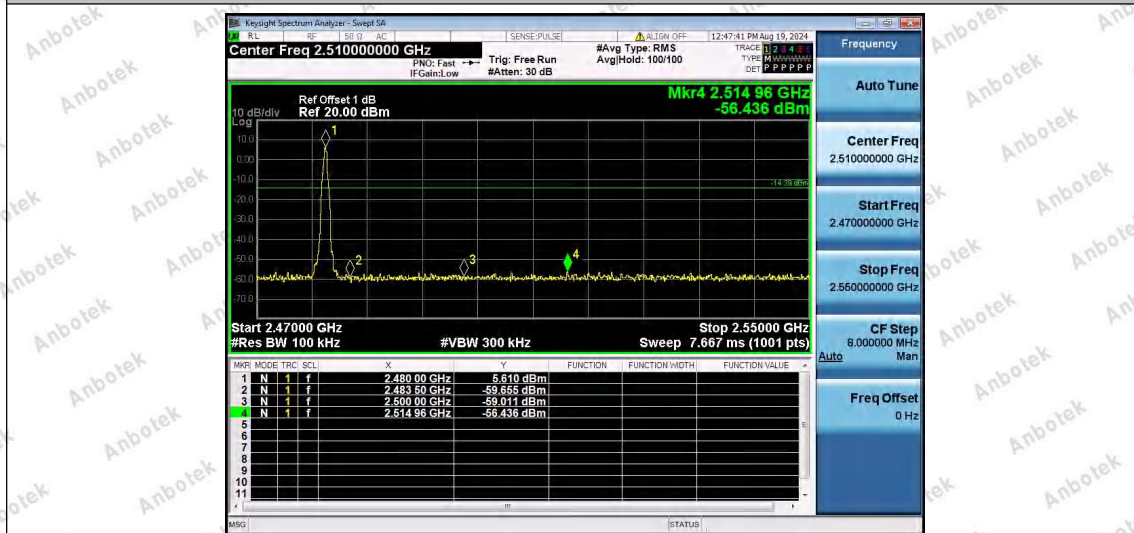
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	5.97	-56.48	≤-14.03	PASS
DH5	Ant1	High	2480	5.61	-56.44	≤-14.39	PASS
DH5	Ant1	Low	Hop_2402	6.30	-56.17	≤-13.7	PASS
DH5	Ant1	High	Hop_2480	6.19	-42.55	≤-13.81	PASS
2DH5	Ant1	Low	2402	1.06	-49.89	≤-18.94	PASS
2DH5	Ant1	High	2480	1.88	-55.97	≤-18.12	PASS
2DH5	Ant1	Low	Hop_2402	3.41	-52.41	≤-16.59	PASS
2DH5	Ant1	High	Hop_2480	0.98	-55.27	≤-19.03	PASS
3DH5	Ant1	Low	2402	-0.13	-49.62	≤-20.13	PASS
3DH5	Ant1	High	2480	1.18	-54.91	≤-18.83	PASS
3DH5	Ant1	Low	Hop_2402	1.73	-50.51	≤-18.27	PASS
3DH5	Ant1	High	Hop_2480	3.15	-53.78	≤-16.85	PASS



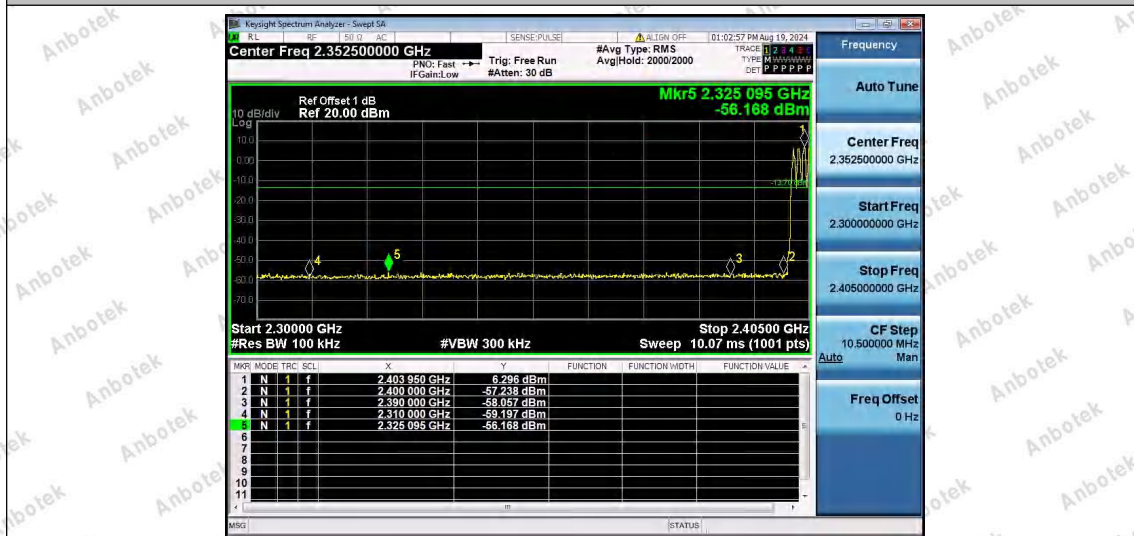
Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS



DH5-Ant1-Hop_2402-PASS

Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86) 0755-26066440 Email: service@anbotech.com

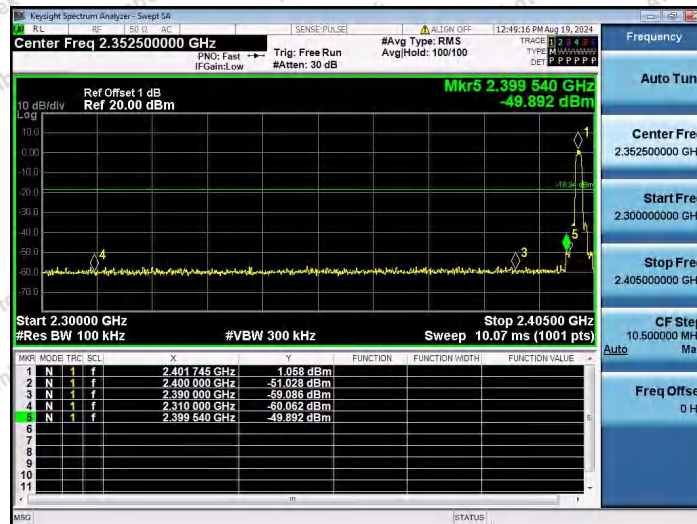


Hotline
400-003-0500
www.anbotech.com

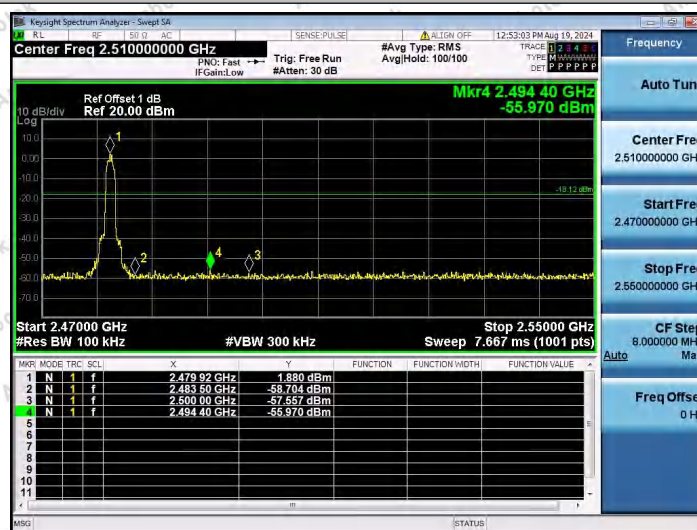




DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS

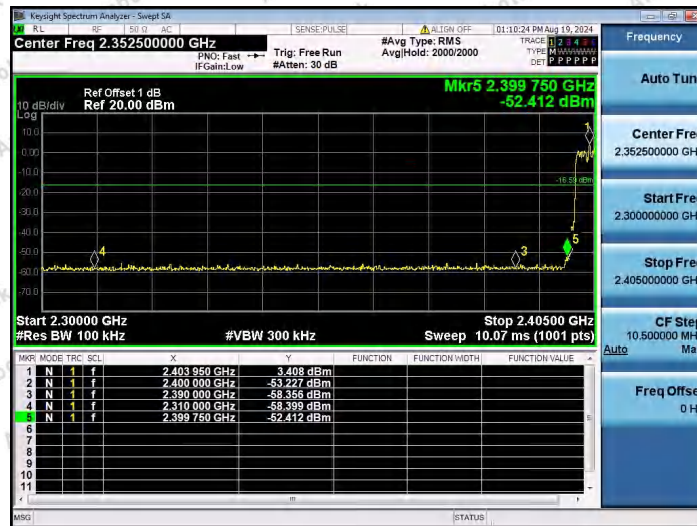
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

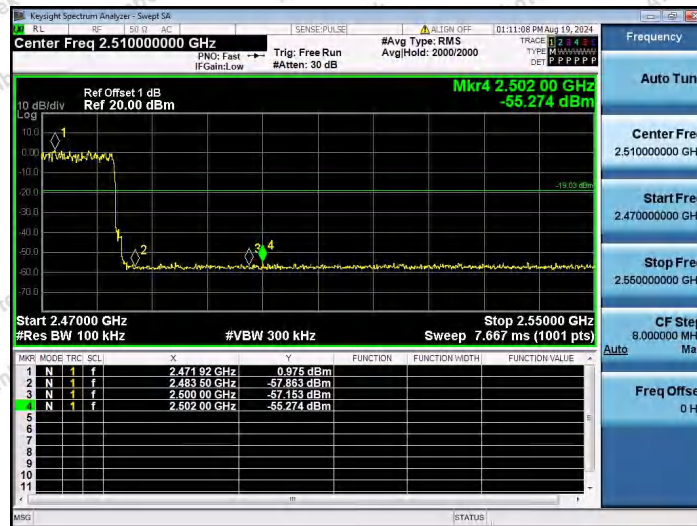


Hotline
400-003-0500
www.anbotech.com

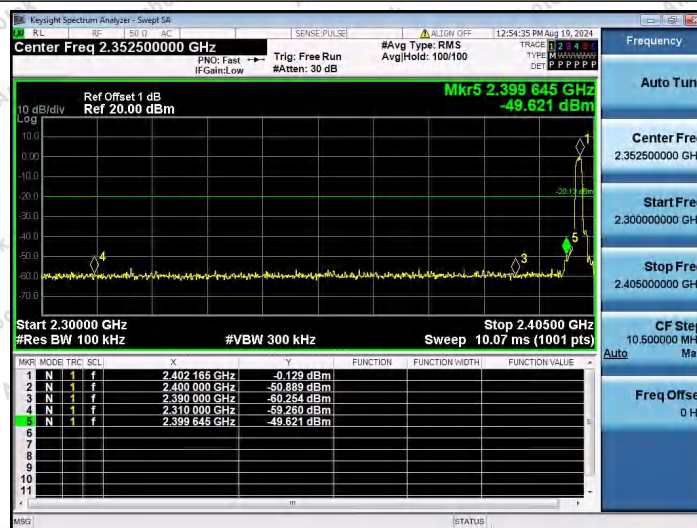




2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS



3DH5-Ant1-2402-PASS

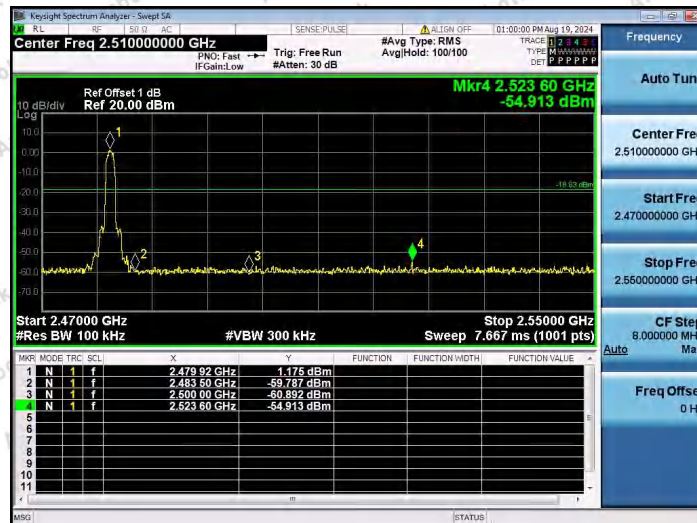
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahgcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

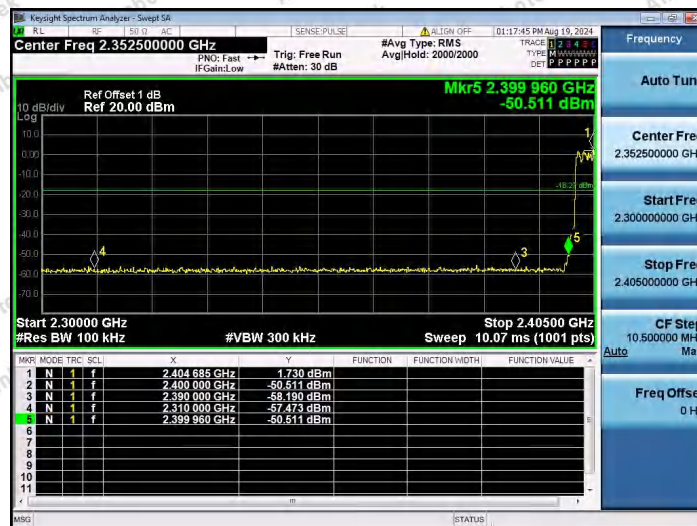


Hotline
400-003-0500
www.anbotech.com

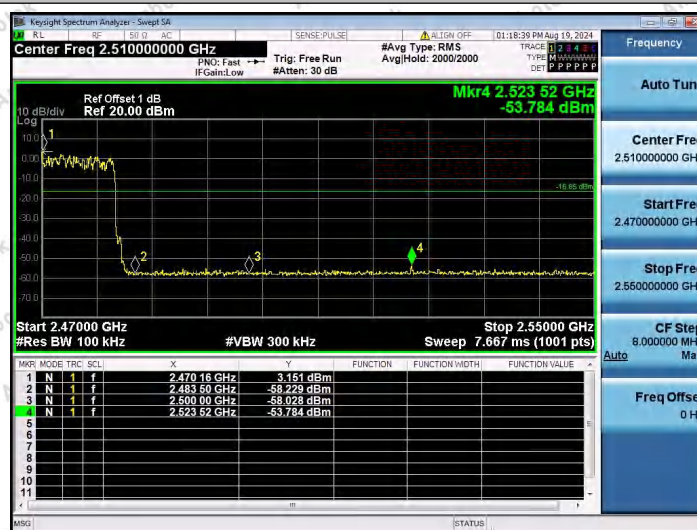




3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500
www.anbotech.com



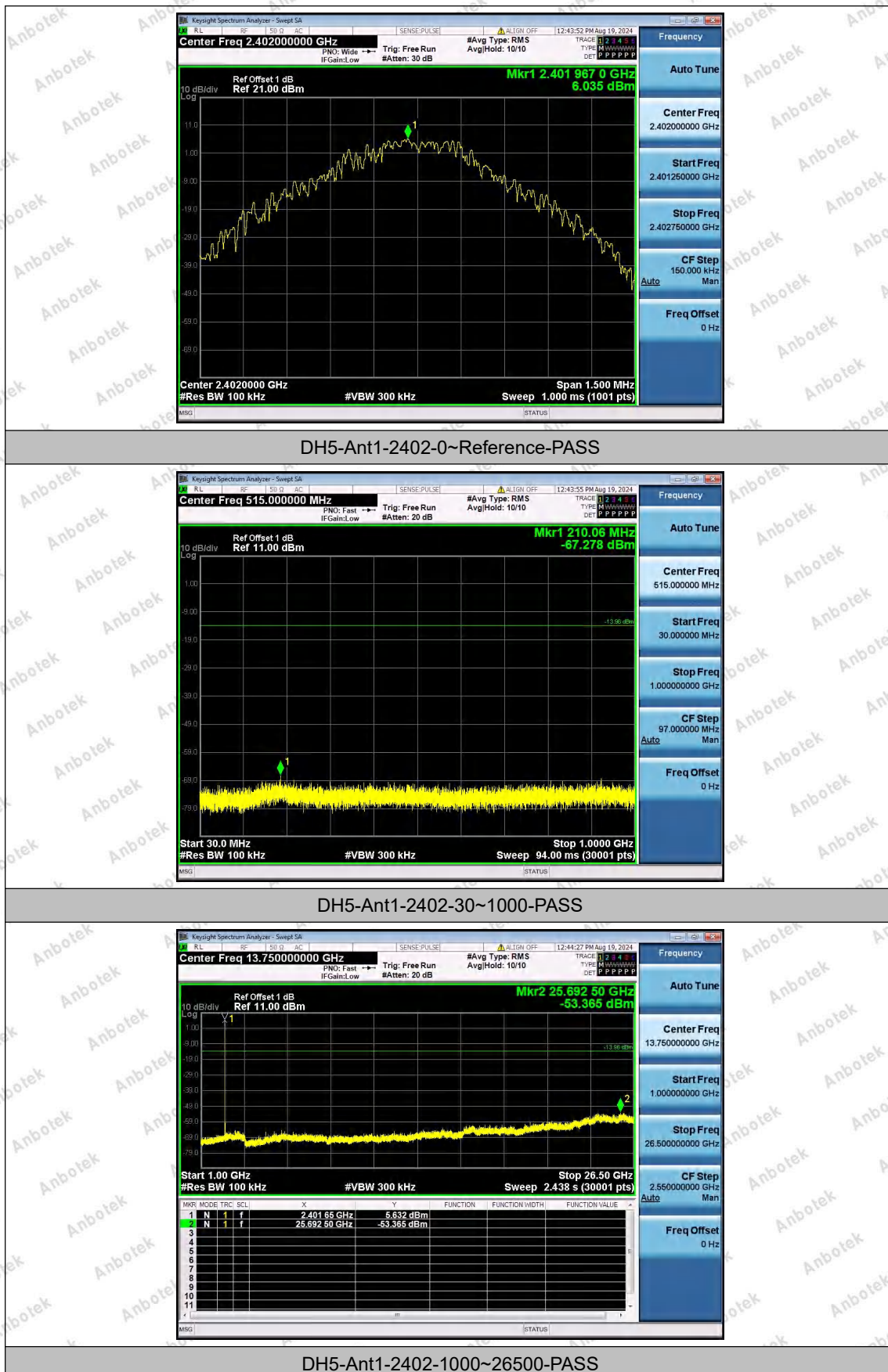
Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	6.04	6.04	---	PASS
DH5	Ant1	2402	30~1000	6.04	-67.28	≤-13.96	PASS
DH5	Ant1	2402	1000~26500	6.04	-53.37	≤-13.96	PASS
DH5	Ant1	2441	0~Reference	6.70	6.70	---	PASS
DH5	Ant1	2441	30~1000	6.70	-67.76	≤-13.3	PASS
DH5	Ant1	2441	1000~26500	6.70	-53.03	≤-13.3	PASS
DH5	Ant1	2480	0~Reference	4.98	4.98	---	PASS
DH5	Ant1	2480	30~1000	4.98	-68.09	≤-15.02	PASS
DH5	Ant1	2480	1000~26500	4.98	-51.87	≤-15.02	PASS
2DH5	Ant1	2402	0~Reference	0.91	0.91	---	PASS
2DH5	Ant1	2402	30~1000	0.91	-61.22	≤-19.09	PASS
2DH5	Ant1	2402	1000~26500	0.91	-52.6	≤-19.09	PASS
2DH5	Ant1	2441	0~Reference	2.75	2.75	---	PASS
2DH5	Ant1	2441	30~1000	2.75	-68.25	≤-17.25	PASS
2DH5	Ant1	2441	1000~26500	2.75	-52.59	≤-17.25	PASS
2DH5	Ant1	2480	0~Reference	1.06	1.06	---	PASS
2DH5	Ant1	2480	30~1000	1.06	-67.57	≤-18.94	PASS
2DH5	Ant1	2480	1000~26500	1.06	-52.4	≤-18.94	PASS
3DH5	Ant1	2402	0~Reference	1.42	1.42	---	PASS
3DH5	Ant1	2402	30~1000	1.42	-67.15	≤-18.58	PASS
3DH5	Ant1	2402	1000~26500	1.42	-52.42	≤-18.58	PASS
3DH5	Ant1	2441	0~Reference	1.63	1.63	---	PASS
3DH5	Ant1	2441	30~1000	1.63	-68.51	≤-18.37	PASS
3DH5	Ant1	2441	1000~26500	1.63	-52.98	≤-18.37	PASS
3DH5	Ant1	2480	0~Reference	-0.07	-0.07	---	PASS
3DH5	Ant1	2480	30~1000	-0.07	-68.48	≤-20.07	PASS
3DH5	Ant1	2480	1000~26500	-0.07	-53.17	≤-20.07	PASS



Test Graphs



Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

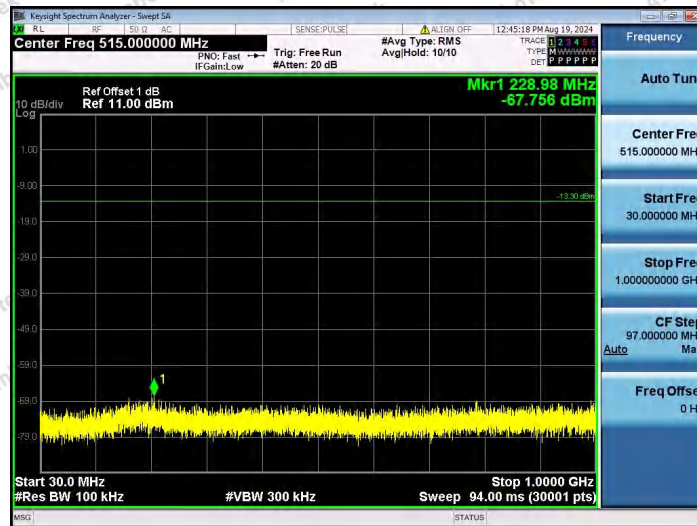


Hotline
400-003-0500
www.anbotech.com

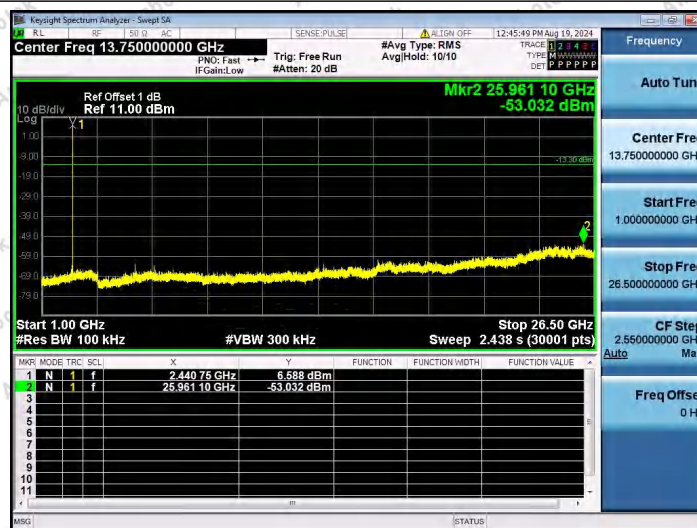




DH5-Ant1-2441-0~Reference-PASS

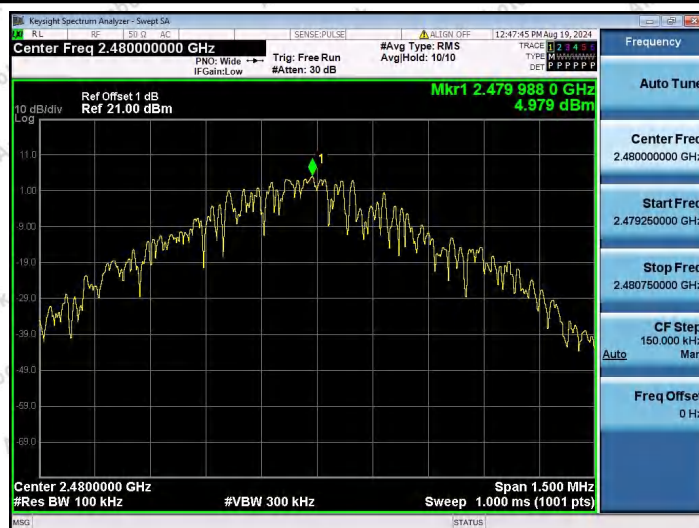


DH5-Ant1-2441-30~1000-PASS

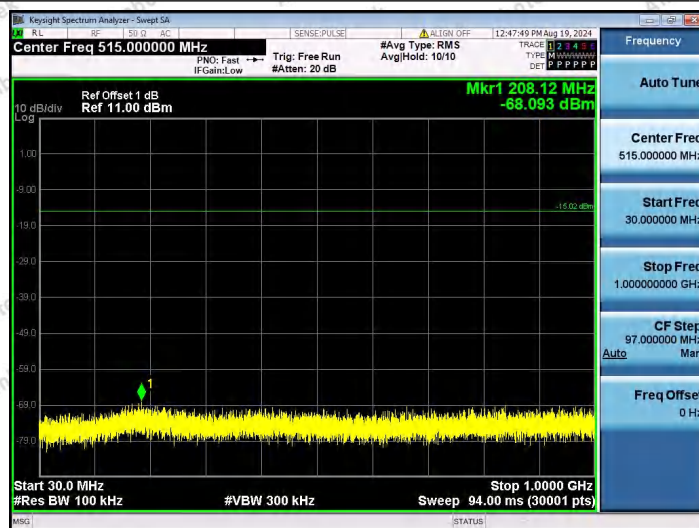


DH5-Ant1-2441-1000~26500-PASS

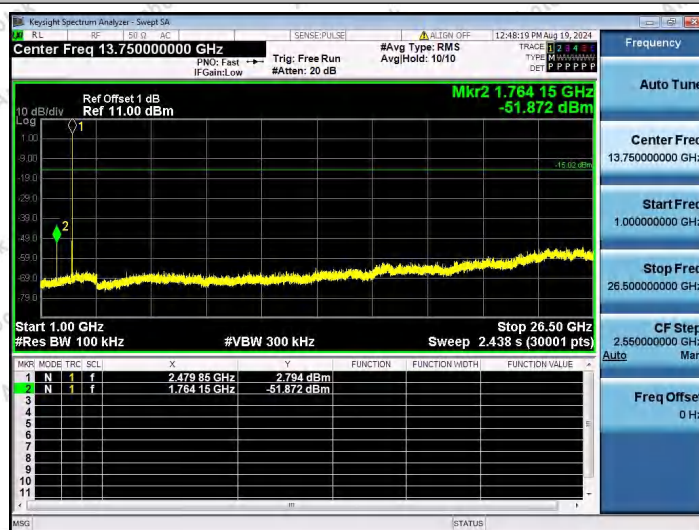




DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS

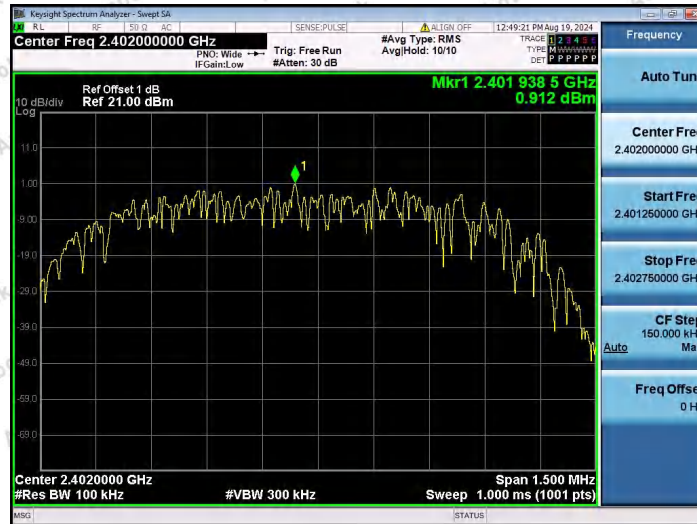
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

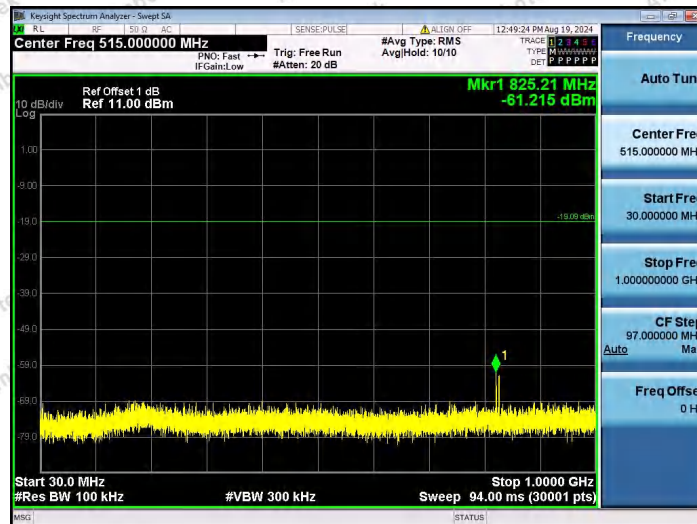


Hotline
400-003-0500
www.anbotech.com

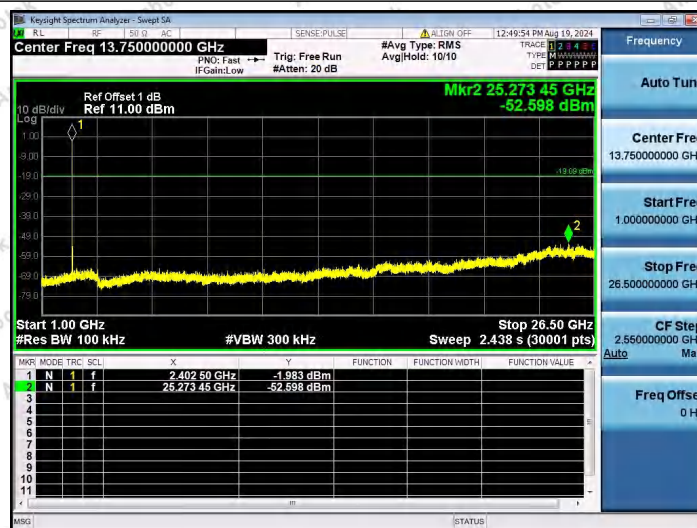




2DH5-Ant1-2402-0~Reference-PASS

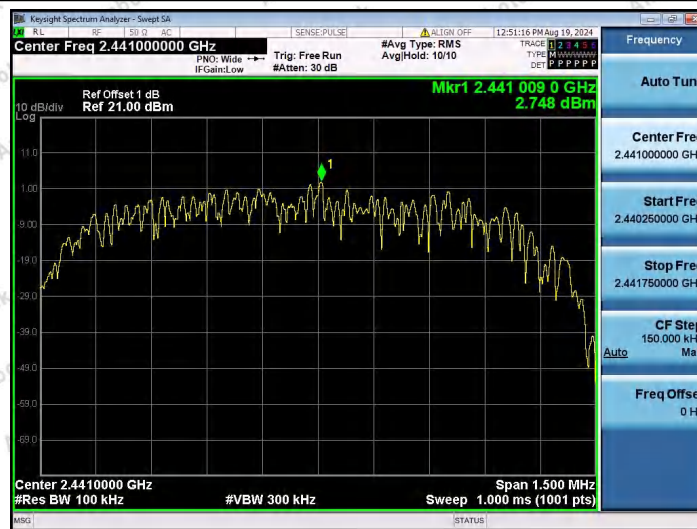


2DH5-Ant1-2402-30~1000-PASS

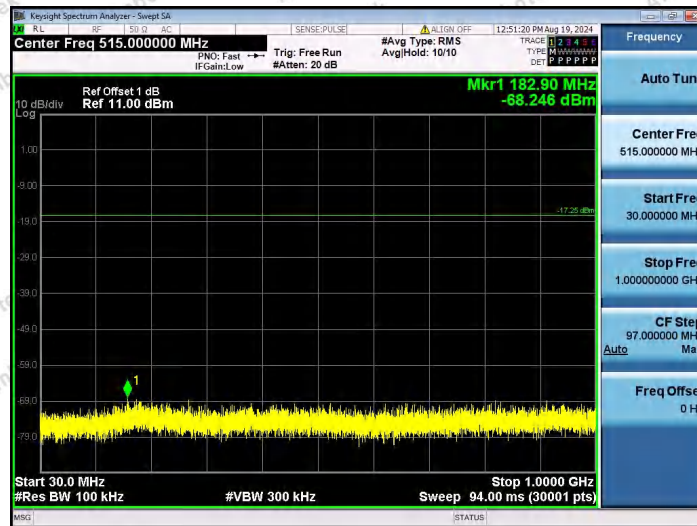


2DH5-Ant1-2402-1000~26500-PASS

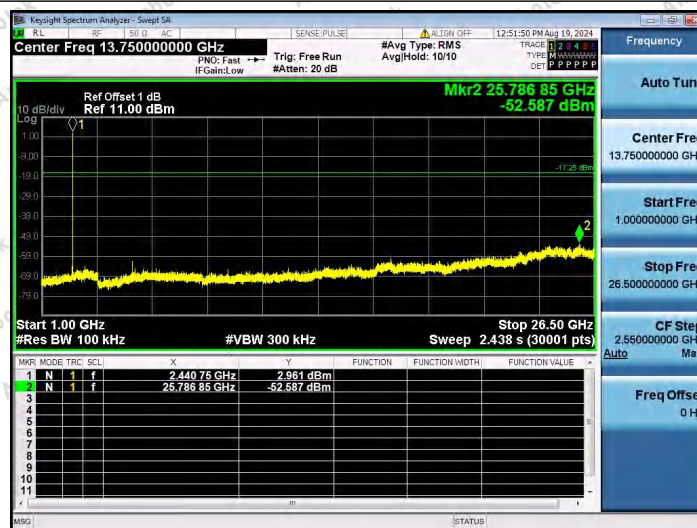




2DH5-Ant1-2441-0~Reference-PASS

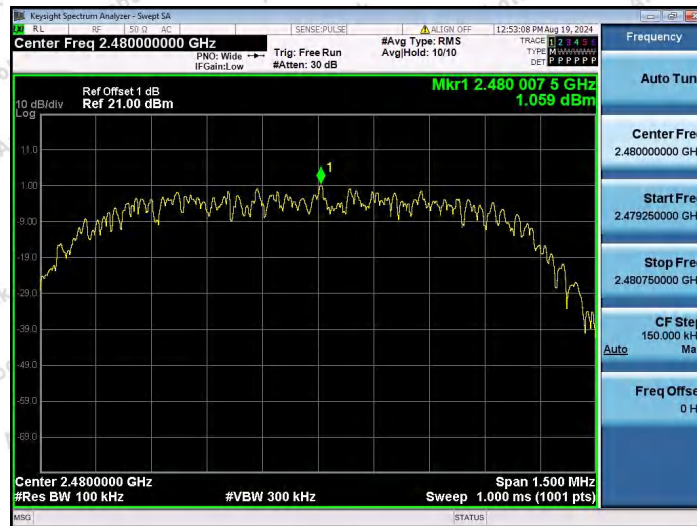


2DH5-Ant1-2441-30~1000-PASS

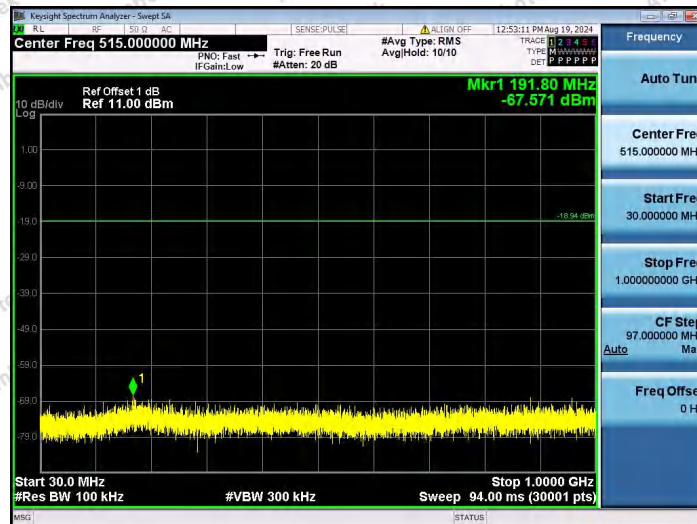


2DH5-Ant1-2441-1000~26500-PASS

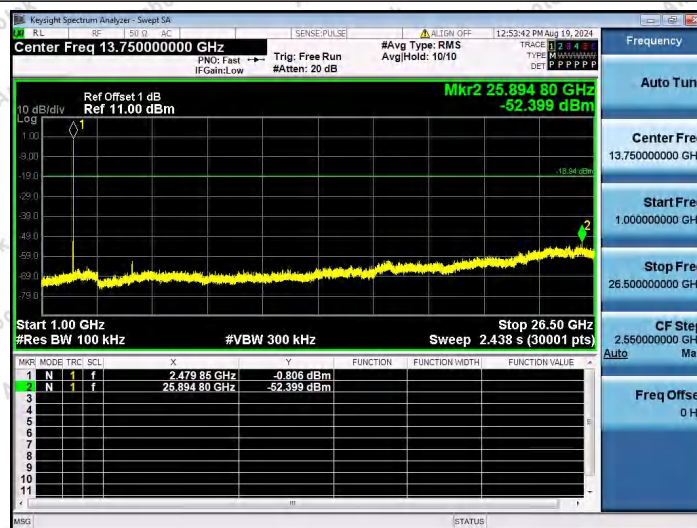




2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS

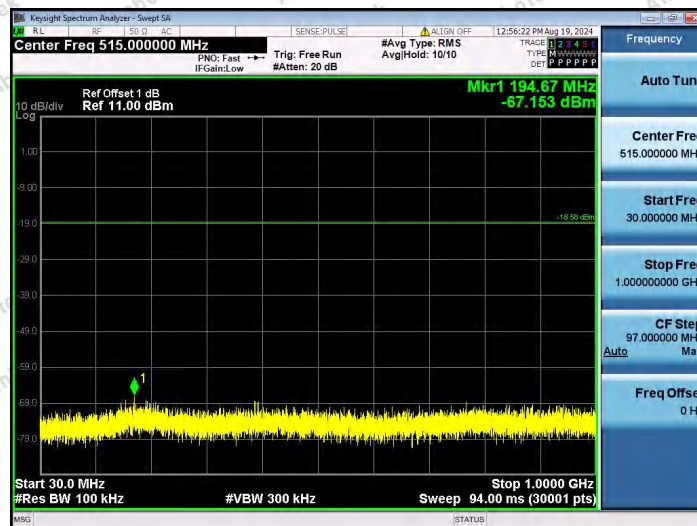


2DH5-Ant1-2480-1000~26500-PASS

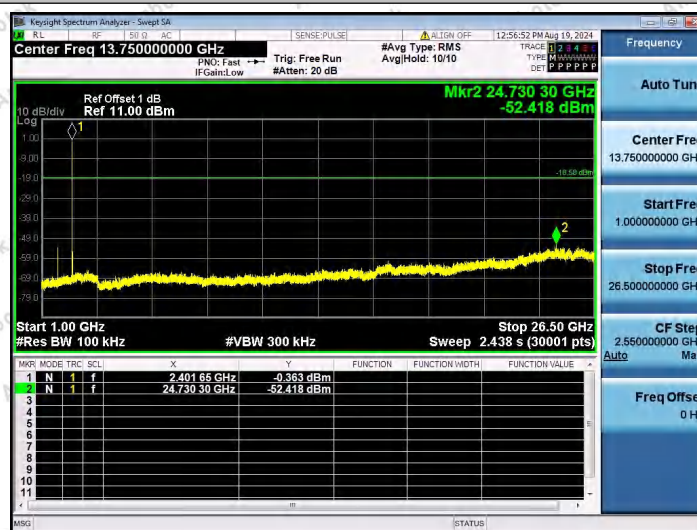




3DH5-Ant1-2402-0~Reference-PASS



3DH5-Ant1-2402-30~1000-PASS



3DH5-Ant1-2402-1000~26500-PASS

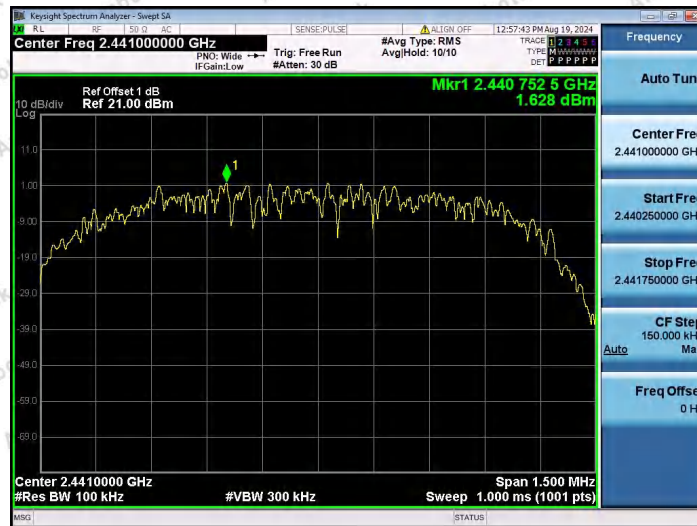
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

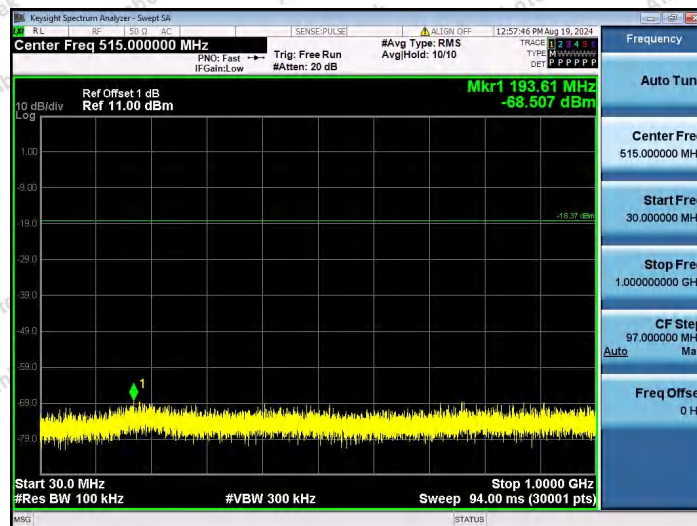


Hotline
400-003-0500
www.anbotech.com

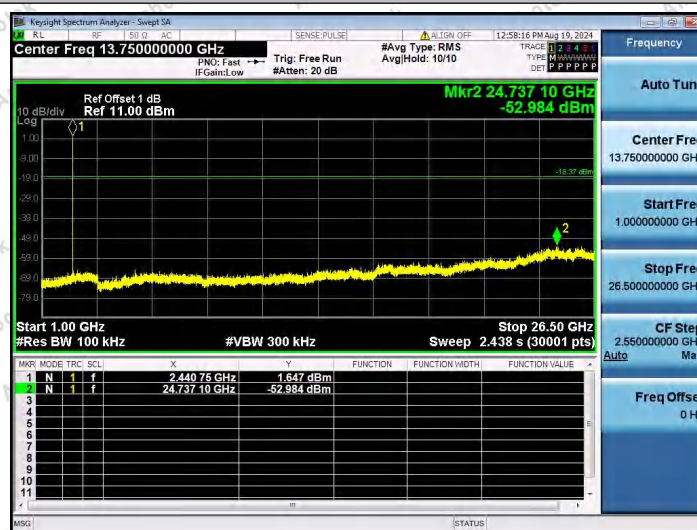




3DH5-Ant1-2441-0~Reference-PASS



3DH5-Ant1-2441-30~1000-PASS

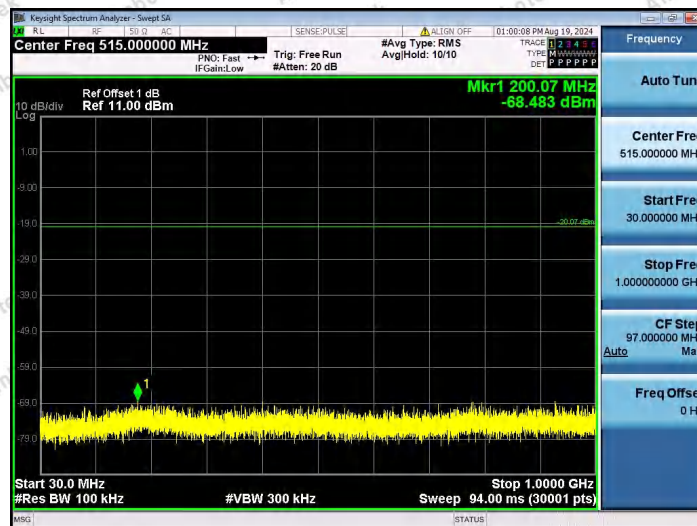


3DH5-Ant1-2441-1000~26500-PASS

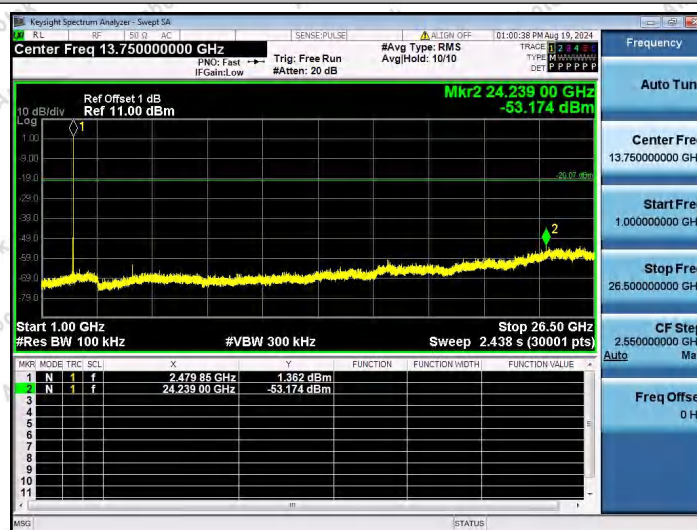




3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS

Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahongcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500
www.anbotech.com



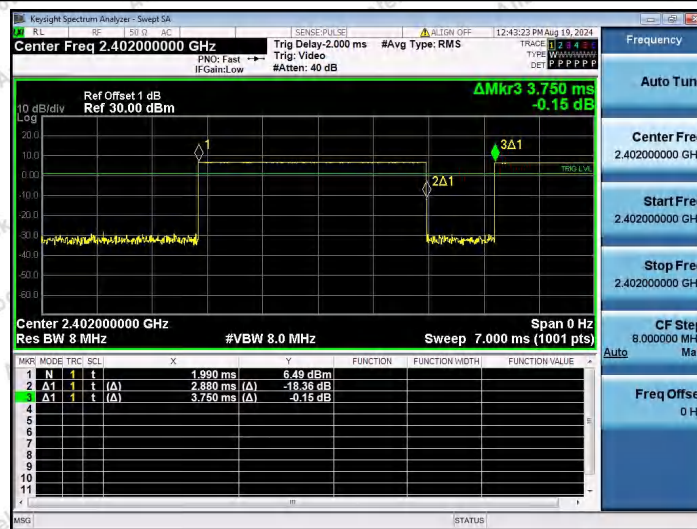
Appendix I: Duty Cycle

Test Result

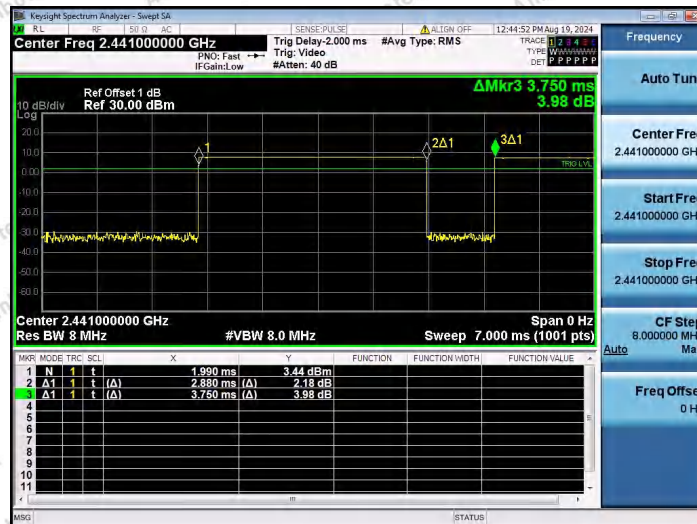
TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.88	3.76	76.60	1.16
2DH5	Ant1	2402	1.52	3.74	40.64	3.91
2DH5	Ant1	2441	1.52	3.74	40.64	3.91
2DH5	Ant1	2480	1.53	3.75	40.80	3.89
3DH5	Ant1	2402	1.06	3.74	28.34	5.48
3DH5	Ant1	2441	2.89	3.75	77.07	1.13
3DH5	Ant1	2480	2.88	3.75	76.80	1.15



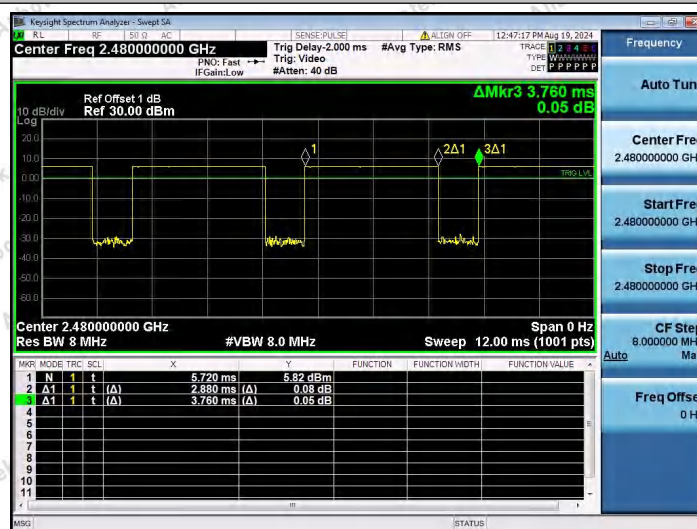
Test Graphs



NTNV-DH5-Ant1-2402



NTNV-DH5-Ant1-2441



NTNV-DH5-Ant1-2480

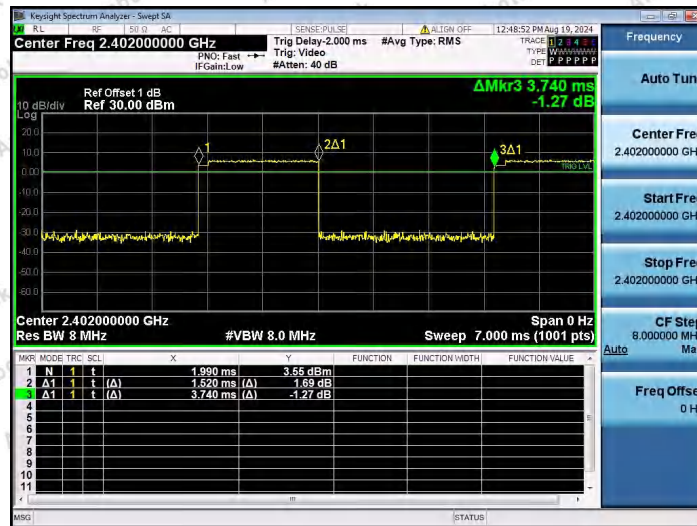
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel:(86)0755-26066440 Email:service@anbotech.com

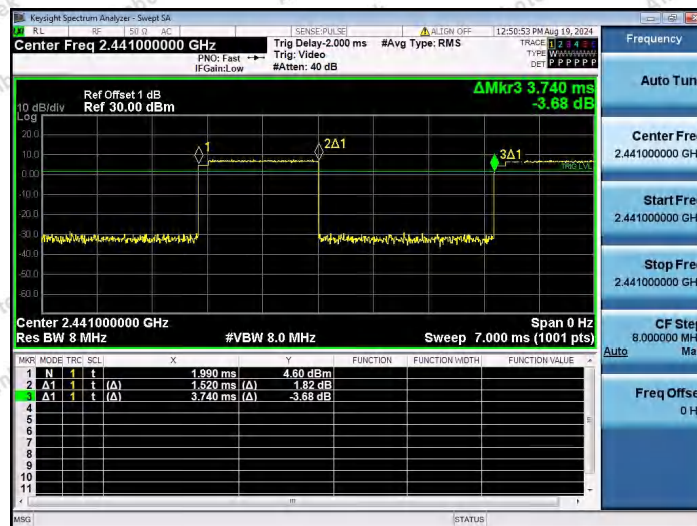


Hotline
400-003-0500
www.anbotech.com

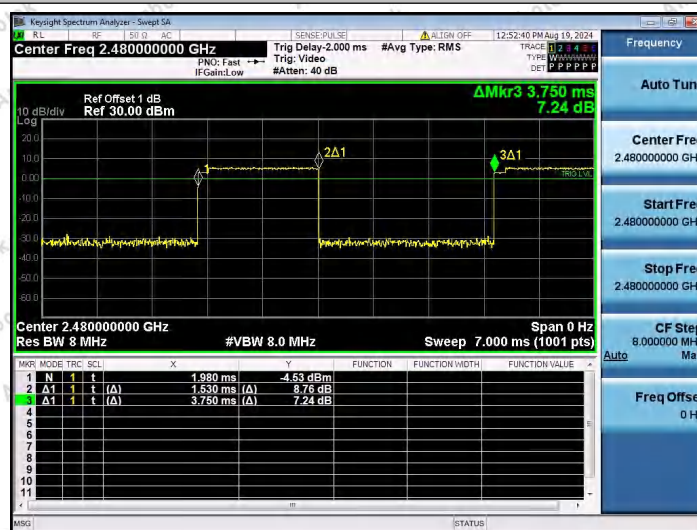




NTVN-2DH5-Ant1-2402



NTVN-2DH5-Ant1-2441



NTVN-2DH5-Ant1-2480

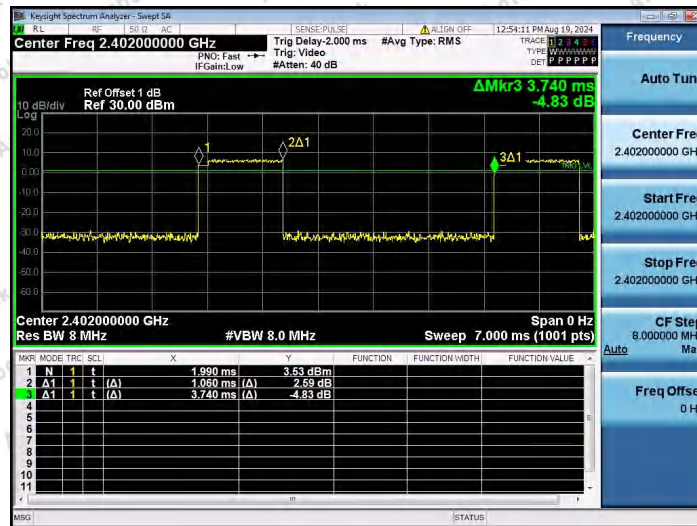
Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hahqcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China,
Tel: (86)0755-26066440 Email: service@anbotech.com

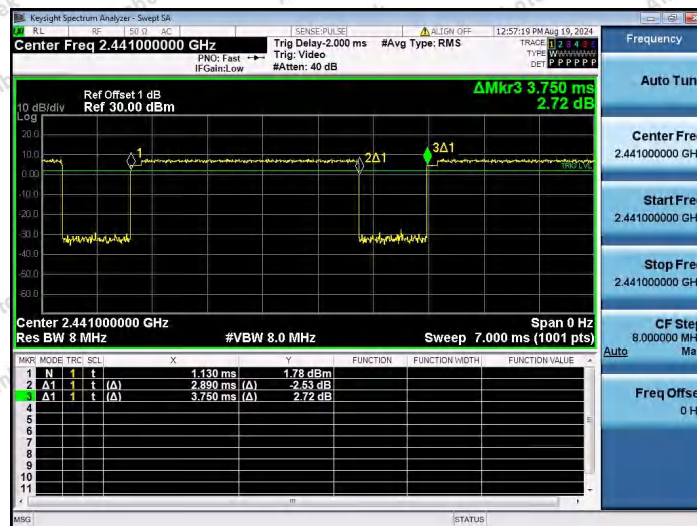


Hotline
400-003-0500
www.anbotech.com

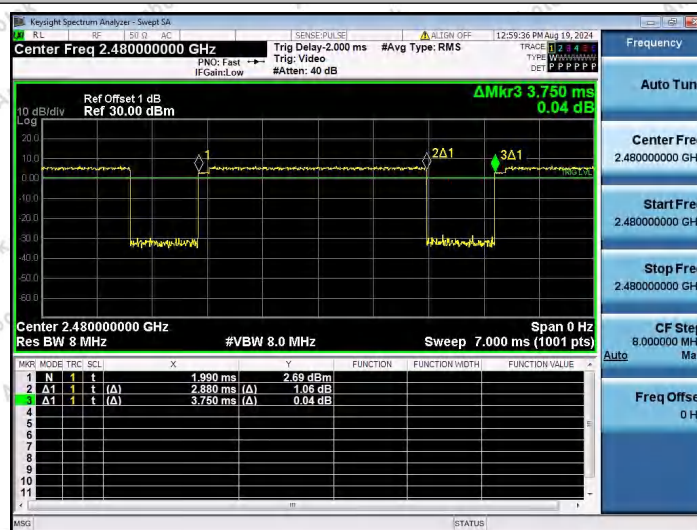




NTVN-3DH5-Ant1-2402



NTVN-3DH5-Ant1-2441



NTVN-3DH5-Ant1-2480

---End---

