

Appendix Test Data

(module BP1V095-7304)

Report No.:	18220WC40097302	Test Sample No.:	1-2-2
Start Test Date:	2024.05.15	Finish Test Date:	2024.05.23
Test Engineer:	<i>Joker Wang</i>	Auditor:	<i>Justin Feng</i>
Temperature:	25.1°C	Relative Humidity:	45%
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	0.954	2401.520	2402.474	---	---
DH5	Ant1	2441	1.020	2440.463	2441.483	---	---
DH5	Ant1	2480	1.020	2479.475	2480.495	---	---
2DH5	Ant1	2402	1.287	2401.352	2402.639	---	---
2DH5	Ant1	2441	1.323	2440.325	2441.648	---	---
2DH5	Ant1	2480	1.290	2479.346	2480.636	---	---

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Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

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Appendix B: 99% Occupied Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.87748	2401.5437	2402.4212	---	---
DH5	Ant1	2441	0.89037	2440.5372	2441.4276	---	---
DH5	Ant1	2480	0.89973	2479.5334	2480.4331	---	---
2DH5	Ant1	2402	1.1927	2401.3903	2402.5830	---	---
2DH5	Ant1	2441	1.1951	2440.3846	2441.5797	---	---
2DH5	Ant1	2480	1.2023	2479.3865	2480.5888	---	---

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Test Graphs



DH5-Ant1-2402



DH5-Ant1-2441



DH5-Ant1-2480

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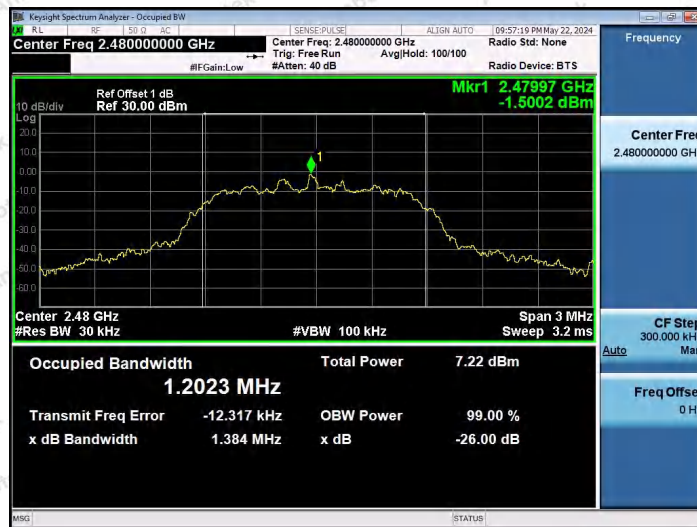




2DH5-Ant1-2402



2DH5-Ant1-2441



2DH5-Ant1-2480

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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	2.17	≤20.97	PASS
DH5	Ant1	2441	1.81	≤20.97	PASS
DH5	Ant1	2480	1.23	≤20.97	PASS
2DH5	Ant1	2402	2.99	≤20.97	PASS
2DH5	Ant1	2441	2.69	≤20.97	PASS
2DH5	Ant1	2480	2.06	≤20.97	PASS

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Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



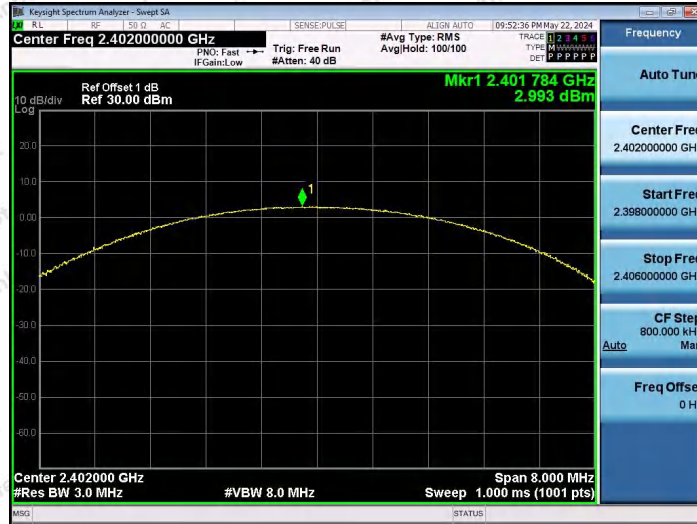
DH5-Ant1-2480-PASS

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2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



2DH5-Ant1-2480-PASS

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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.002	≥0.680	PASS
2DH5	Ant1	Hop	0.992	≥0.882	PASS

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Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

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Appendix E: Dwell Time

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	317	0.121	≤0.4	PASS
DH3	Ant1	Hop	1.638	152	0.249	≤0.4	PASS
DH5	Ant1	Hop	2.885	102	0.294	≤0.4	PASS
2DH1	Ant1	Hop	0.390	314	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.643	155	0.255	≤0.4	PASS
2DH5	Ant1	Hop	2.891	103	0.298	≤0.4	PASS

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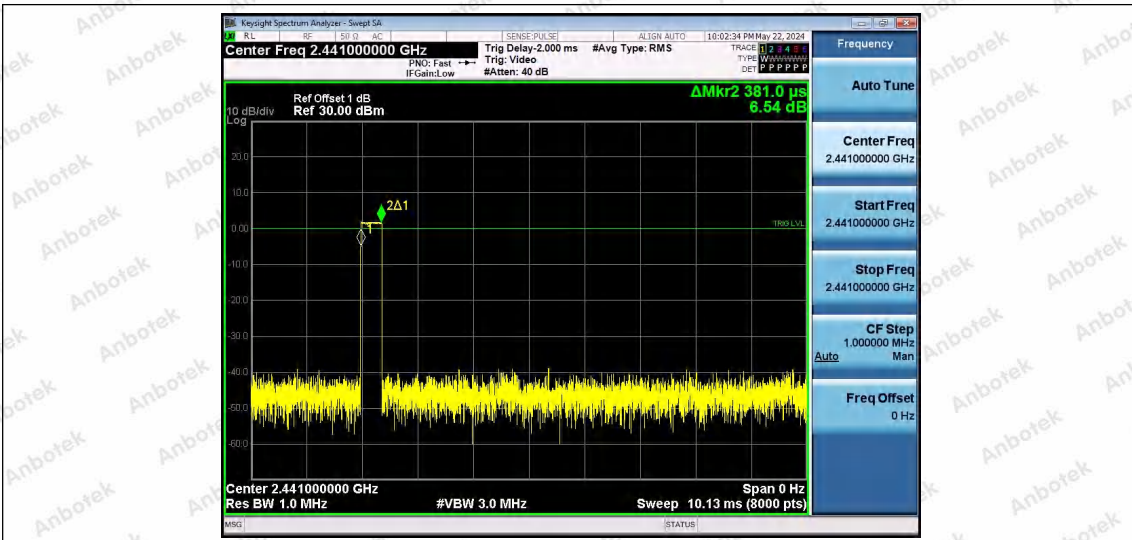
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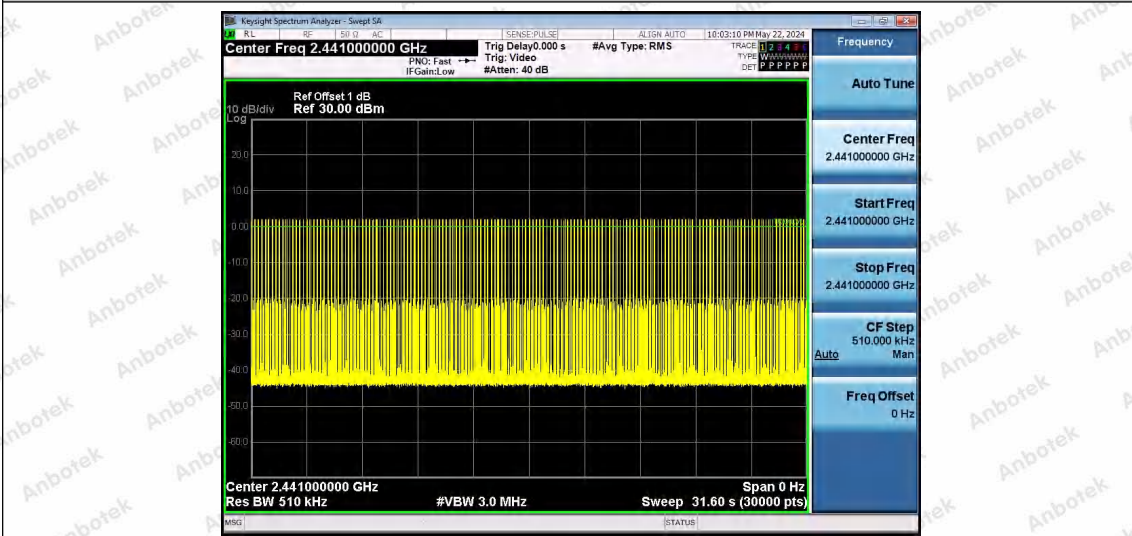
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Test Graphs



DH1-Ant1-Hop-PASS



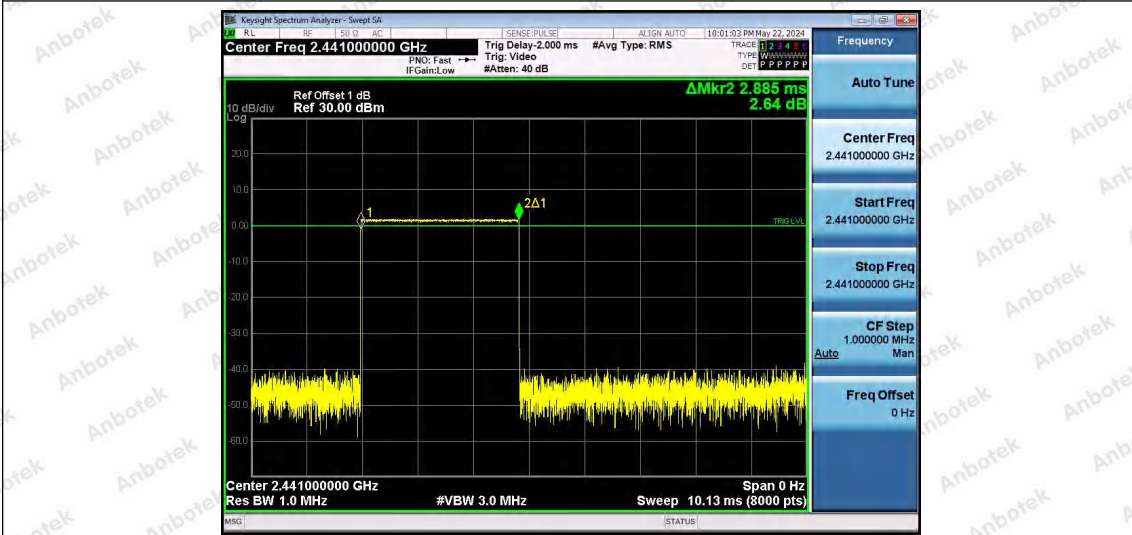
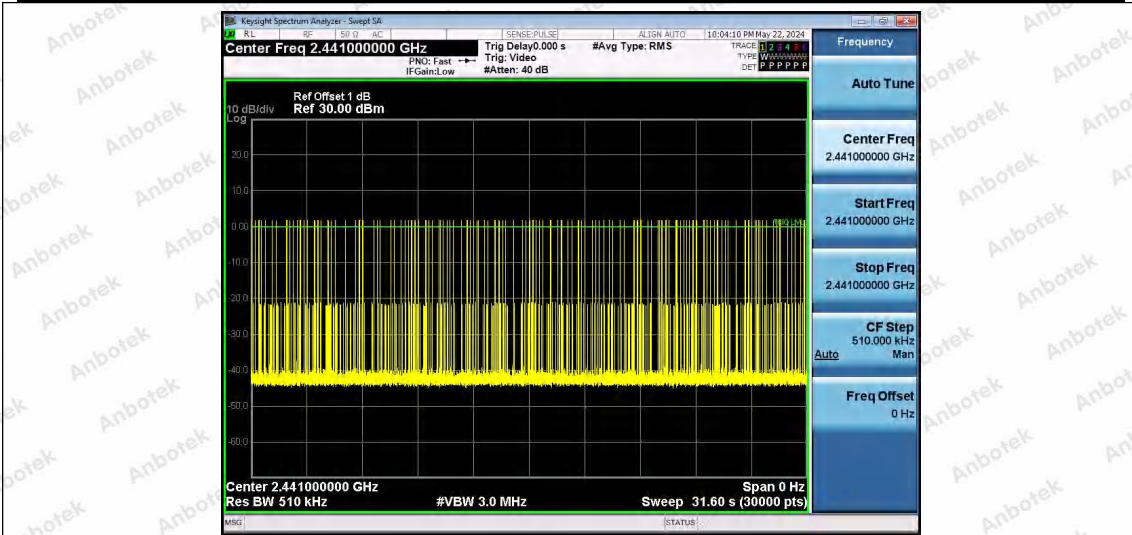
DH3-Ant1-Hop-PASS

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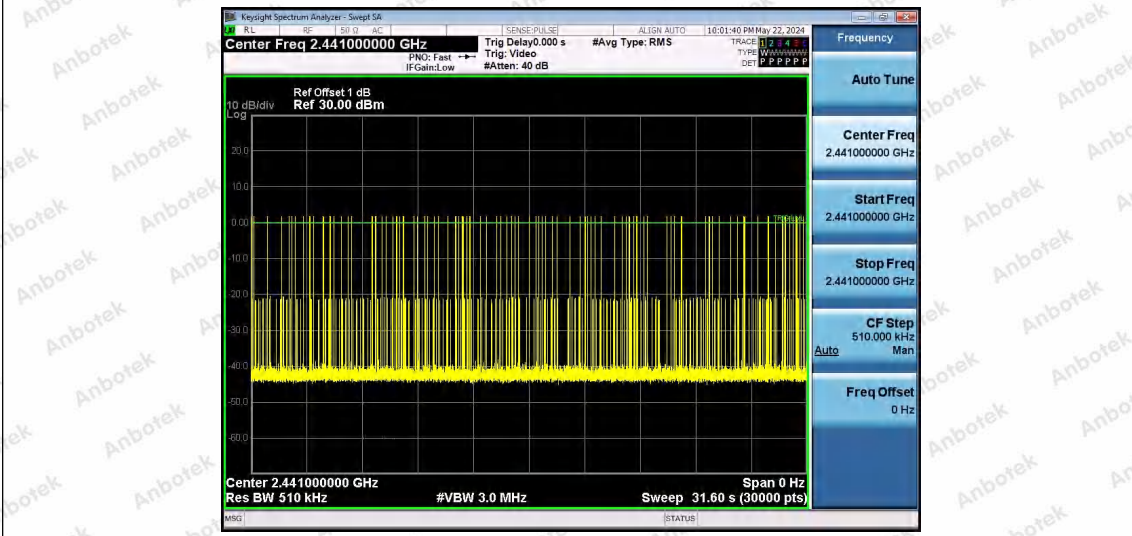
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
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DH5-Ant1-Hop-PASS

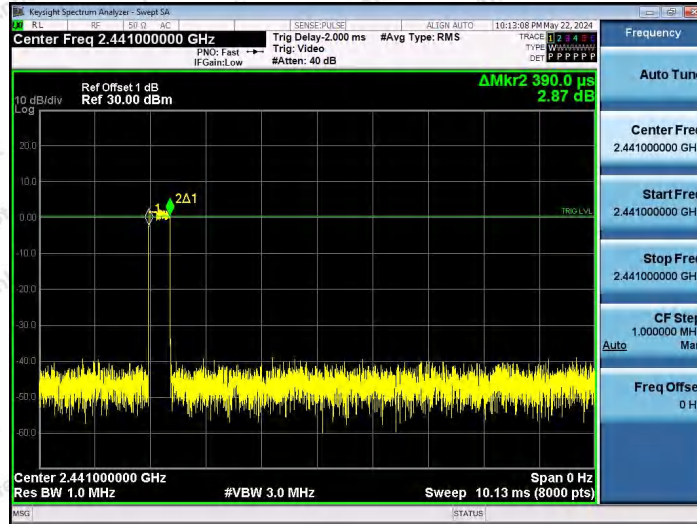


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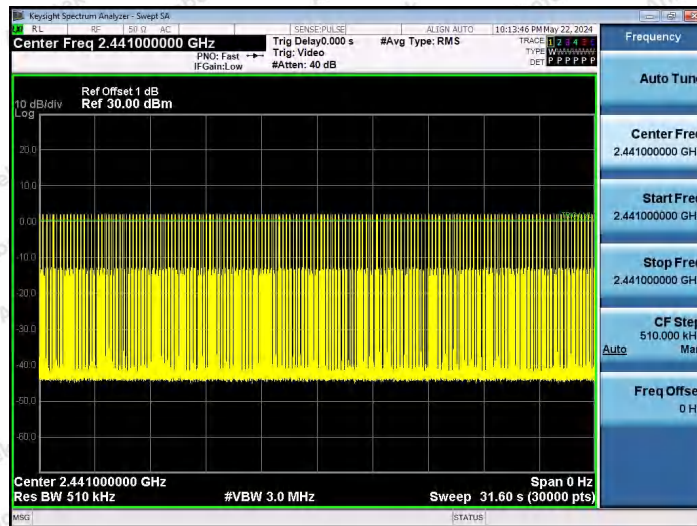
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2DH1-Ant1-Hop-PASS



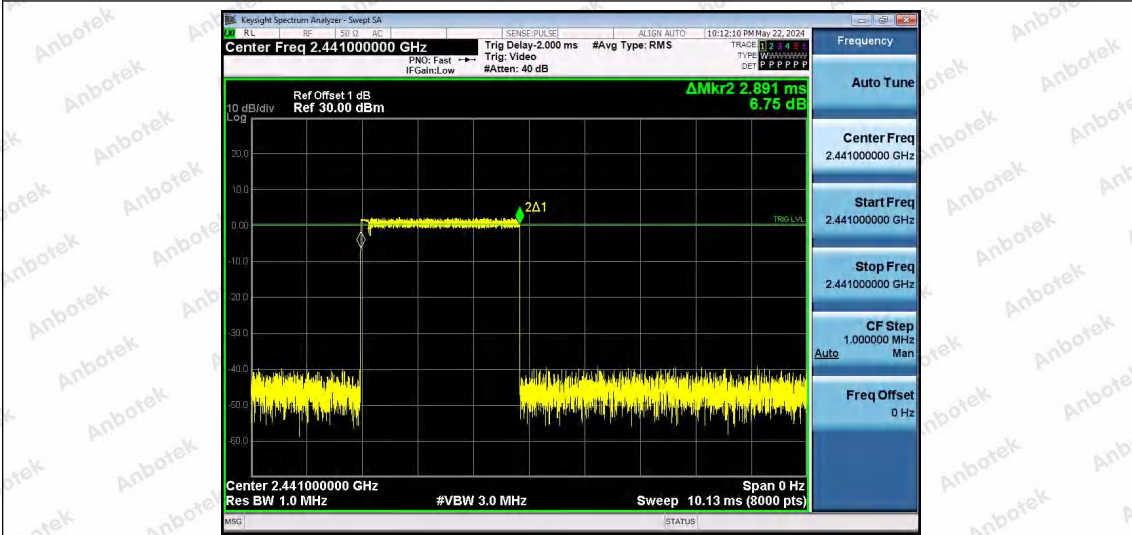
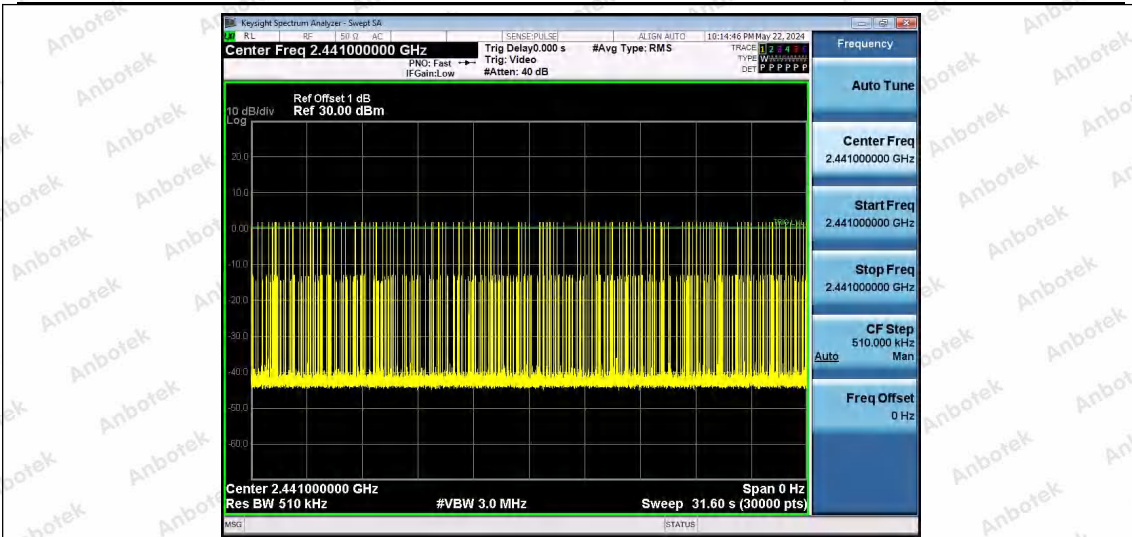
2DH3-Ant1-Hop-PASS

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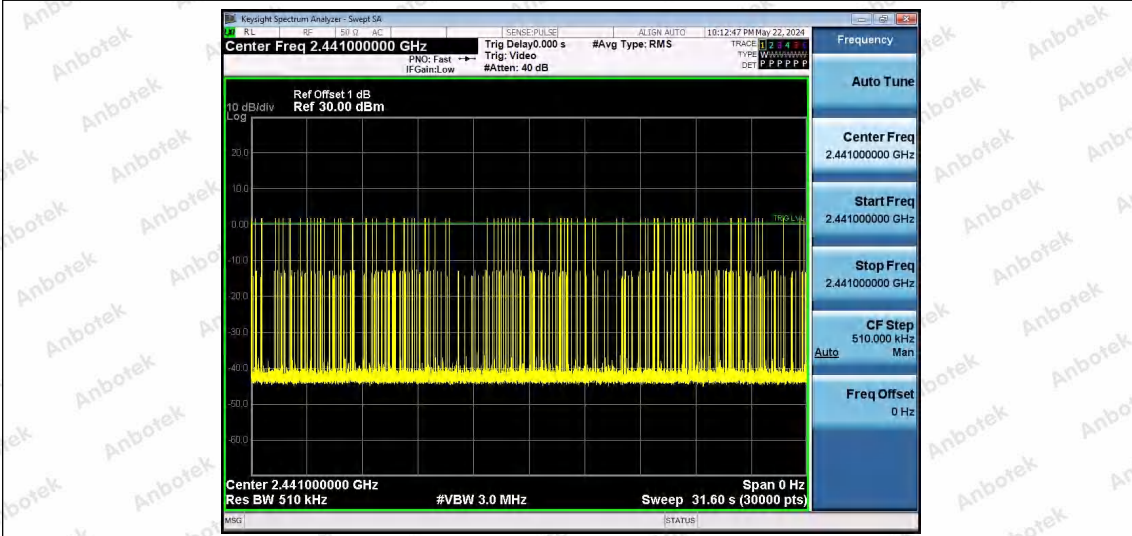
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2DH5-Ant1-Hop-PASS



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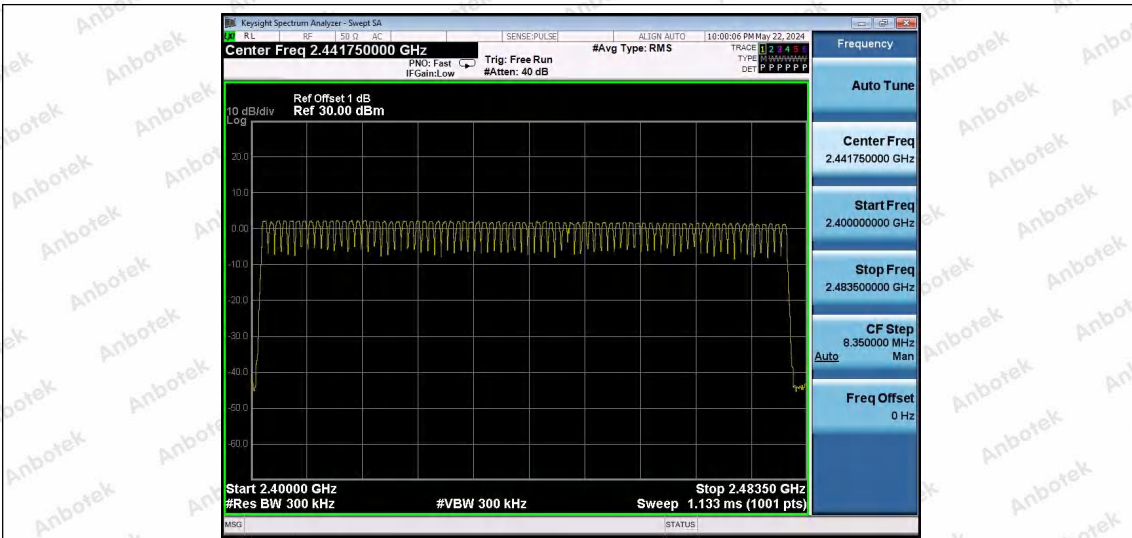
Appendix F: Number of Hopping Channel

Test Result

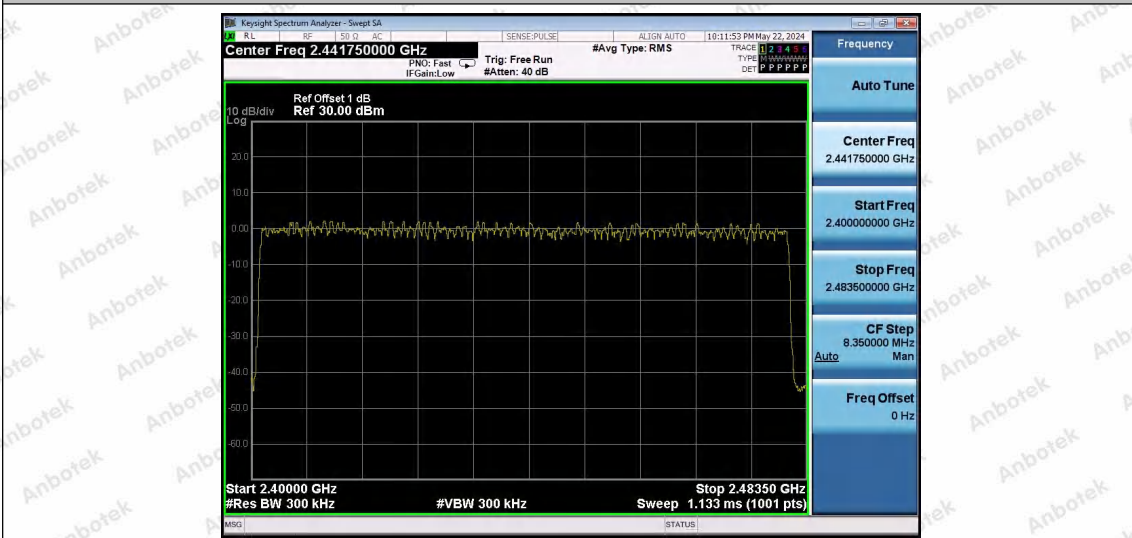
TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS



Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

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Appendix G: Conducted Band edge

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.80	-43.8	≤-18.2	PASS
DH5	Ant1	High	2480	0.96	-51.08	≤-19.05	PASS
DH5	Ant1	Low	Hop_2402	1.65	-43.32	≤-18.35	PASS
DH5	Ant1	High	Hop_2480	1.00	-51.85	≤-19	PASS
2DH5	Ant1	Low	2402	1.08	-45.31	≤-18.92	PASS
2DH5	Ant1	High	2480	0.86	-53.18	≤-19.14	PASS
2DH5	Ant1	Low	Hop_2402	1.74	-46	≤-18.26	PASS
2DH5	Ant1	High	Hop_2480	0.72	-52.51	≤-19.28	PASS

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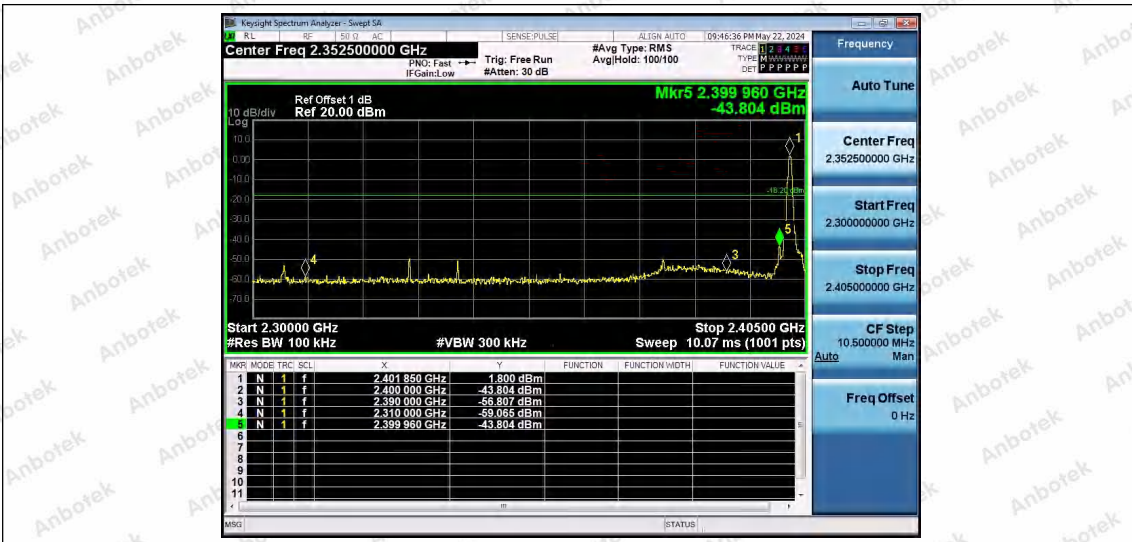
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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



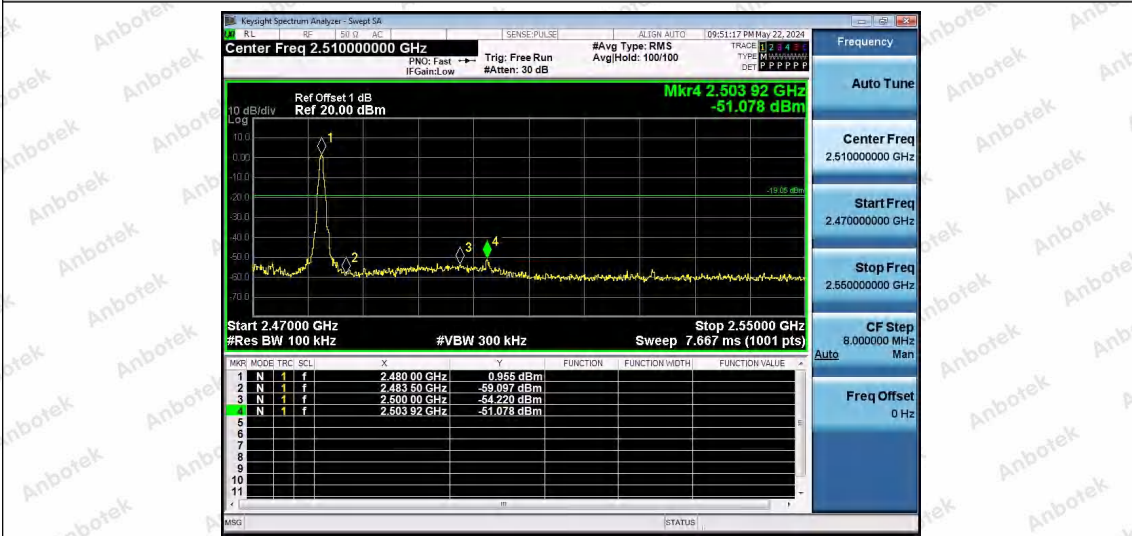
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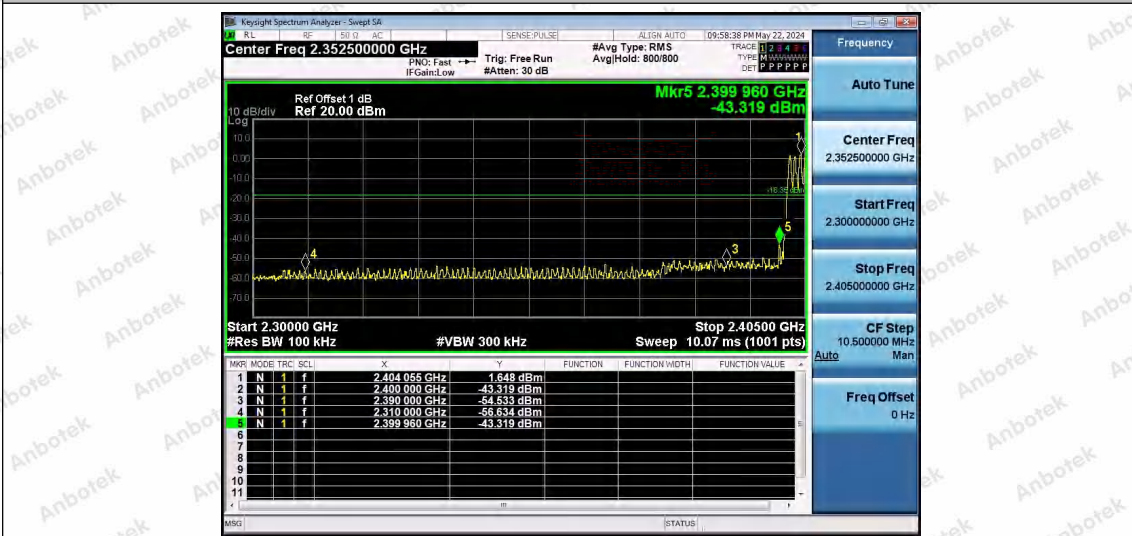
Test Graphs



DH5-Ant1-2402-PASS



DH5-Ant1-2480-PASS



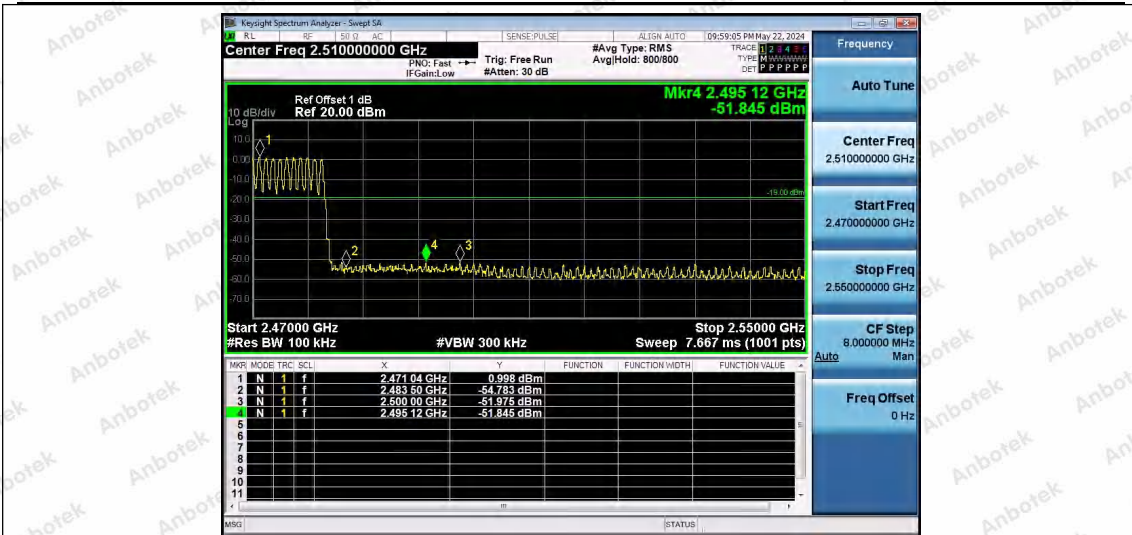
DH5-Ant1-Hop_2402-PASS

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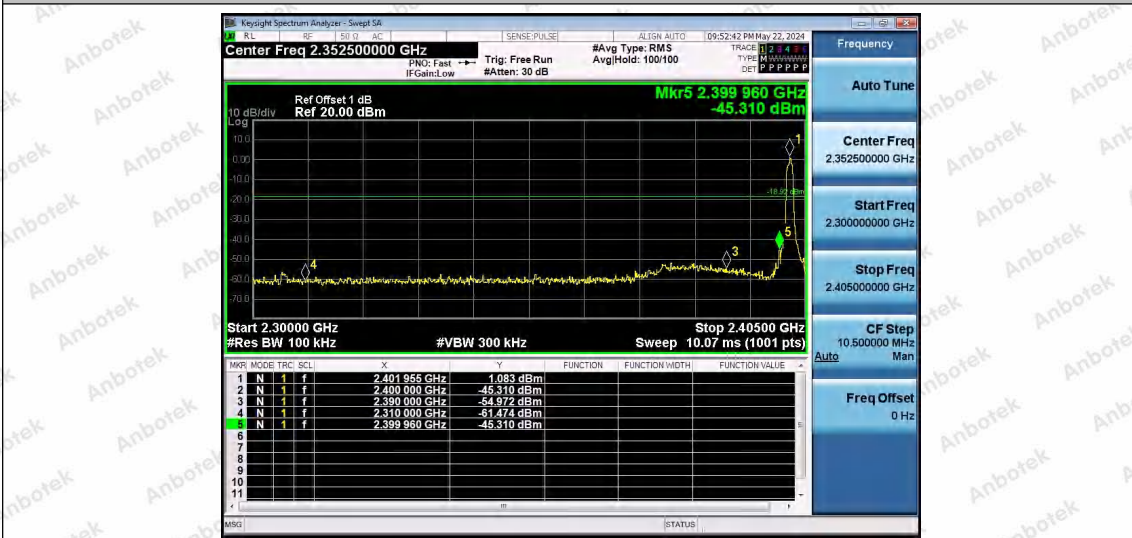
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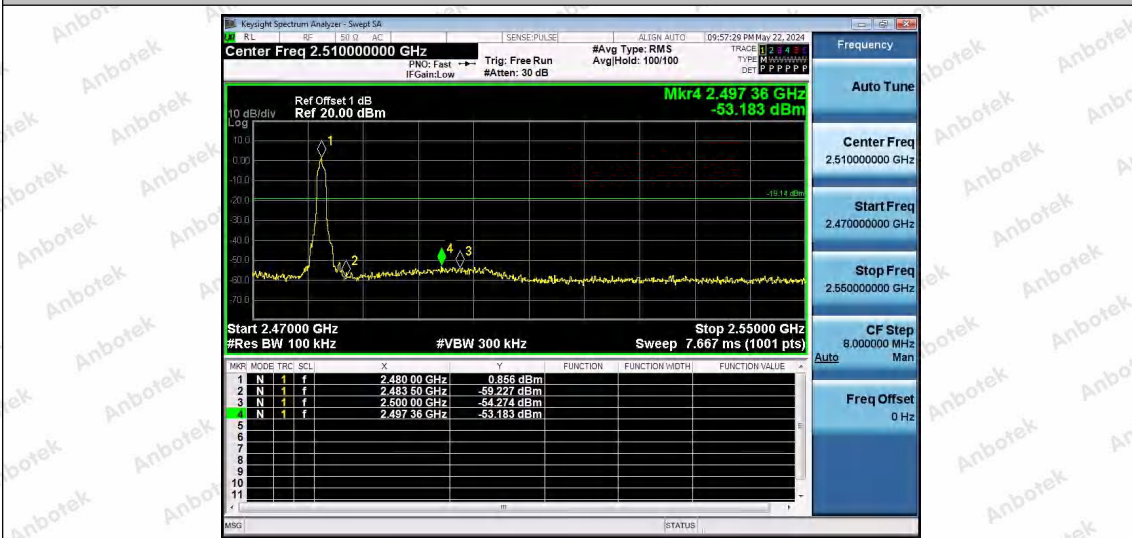




DH5-Ant1-Hop_2480-PASS



2DH5-Ant1-2402-PASS



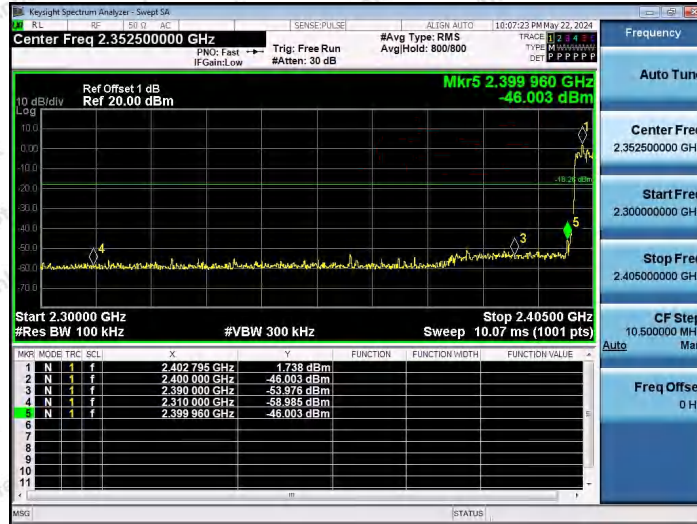
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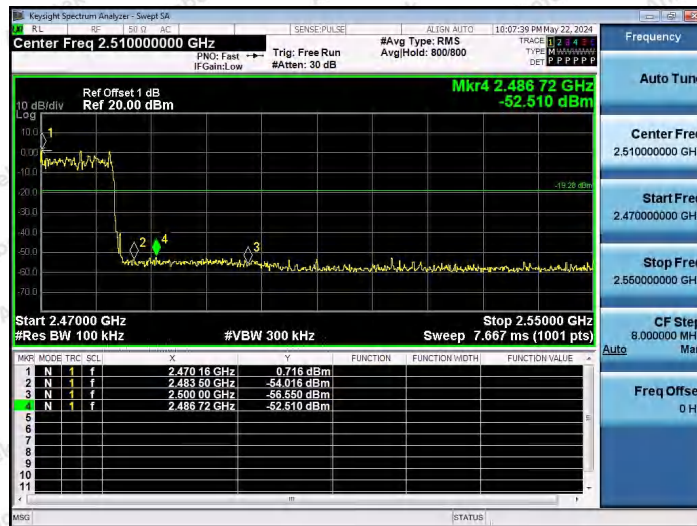
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2DH5-Ant1-Hop_2402-PASS



2DH5-Ant1-Hop_2480-PASS

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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	1.36	1.36	---	PASS
DH5	Ant1	2402	30~1000	1.36	-68.26	≤-18.64	PASS
DH5	Ant1	2402	1000~26500	1.36	-43.2	≤-18.64	PASS
DH5	Ant1	2441	0~Reference	1.22	1.22	---	PASS
DH5	Ant1	2441	30~1000	1.22	-69.28	≤-18.78	PASS
DH5	Ant1	2441	1000~26500	1.22	-45.36	≤-18.78	PASS
DH5	Ant1	2480	0~Reference	0.14	0.14	---	PASS
DH5	Ant1	2480	30~1000	0.14	-67.84	≤-19.86	PASS
DH5	Ant1	2480	1000~26500	0.14	-45.5	≤-19.86	PASS
2DH5	Ant1	2402	0~Reference	-1.97	-1.97	---	PASS
2DH5	Ant1	2402	30~1000	-1.97	-68.92	≤-21.97	PASS
2DH5	Ant1	2402	1000~26500	-1.97	-42.77	≤-21.97	PASS
2DH5	Ant1	2441	0~Reference	-2.50	-2.50	---	PASS
2DH5	Ant1	2441	30~1000	-2.50	-68.17	≤-22.5	PASS
2DH5	Ant1	2441	1000~26500	-2.50	-44.37	≤-22.5	PASS
2DH5	Ant1	2480	0~Reference	-2.30	-2.30	---	PASS
2DH5	Ant1	2480	30~1000	-2.30	-69.24	≤-22.3	PASS
2DH5	Ant1	2480	1000~26500	-2.30	-45.02	≤-22.3	PASS

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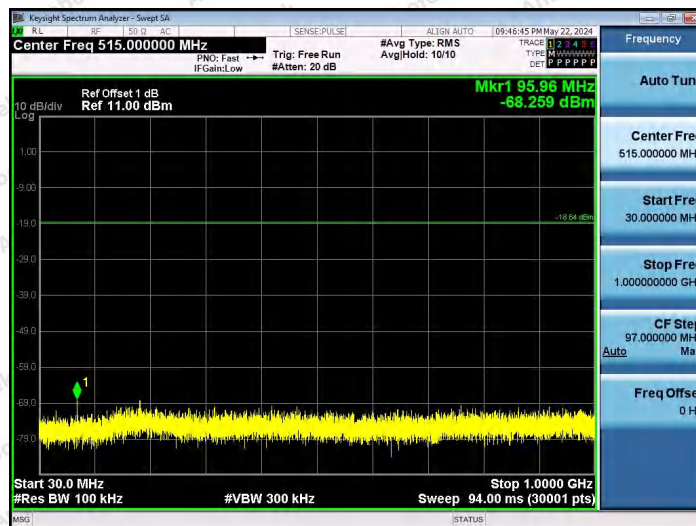
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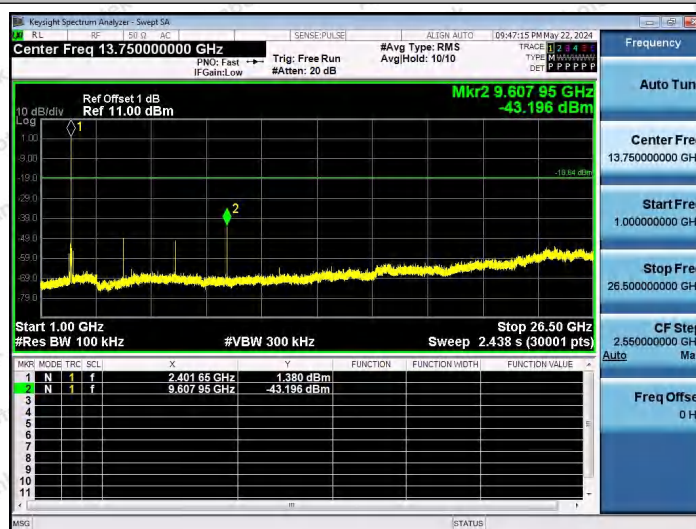
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



DH5-Ant1-2402-1000~26500-PASS

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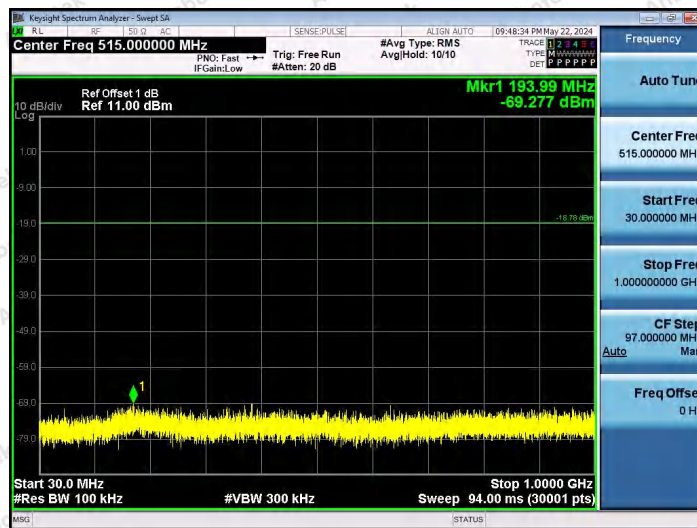
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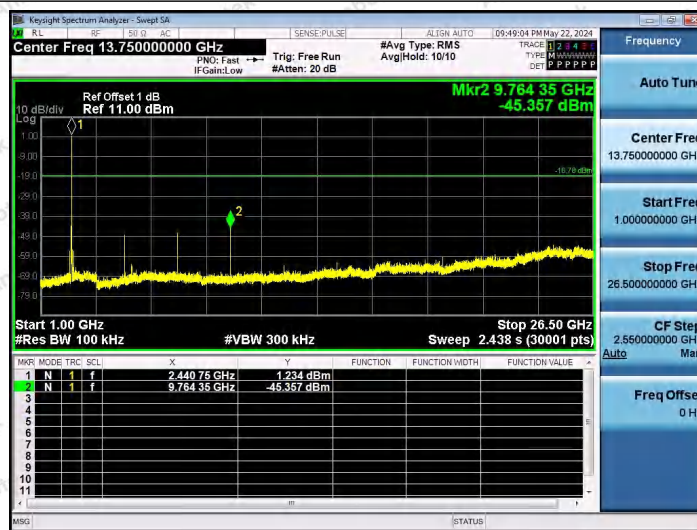




DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



DH5-Ant1-2441-1000~26500-PASS

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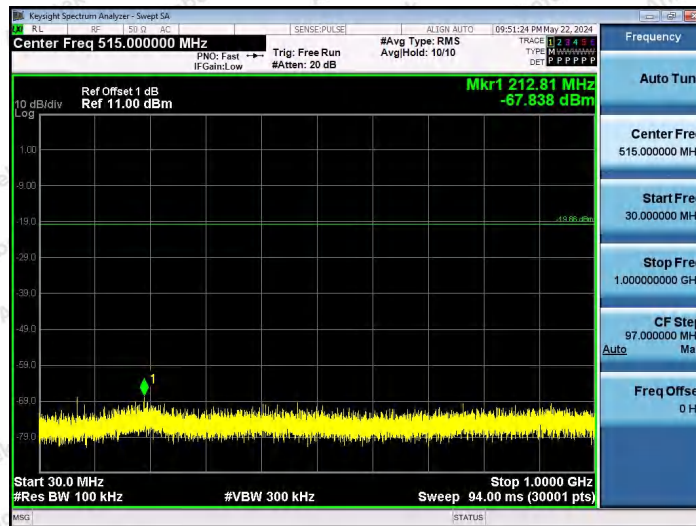
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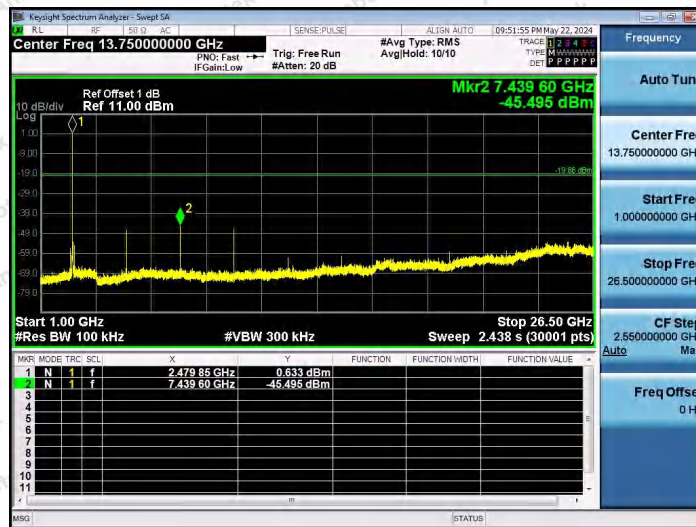




DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



DH5-Ant1-2480-1000~26500-PASS

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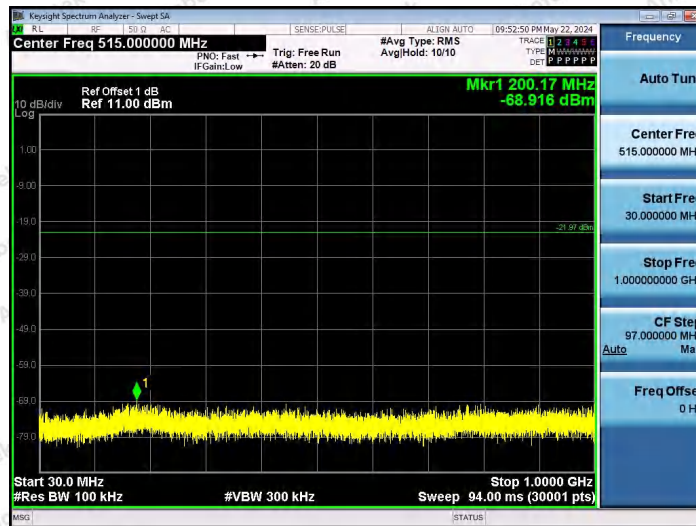
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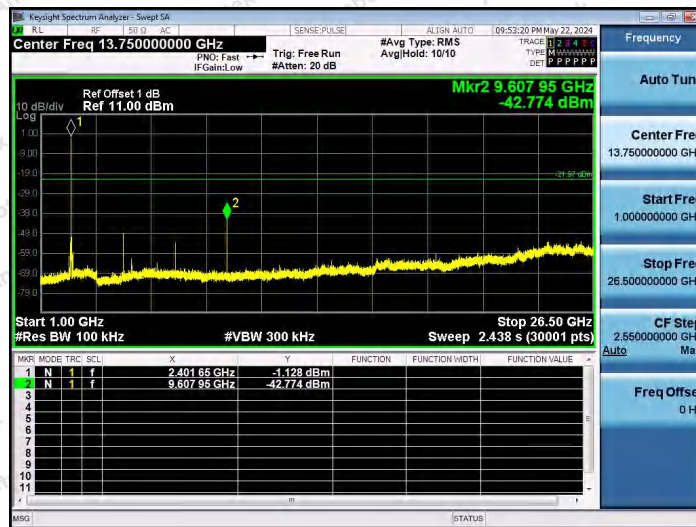




2DH5-Ant1-2402-0~Reference-PASS



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



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

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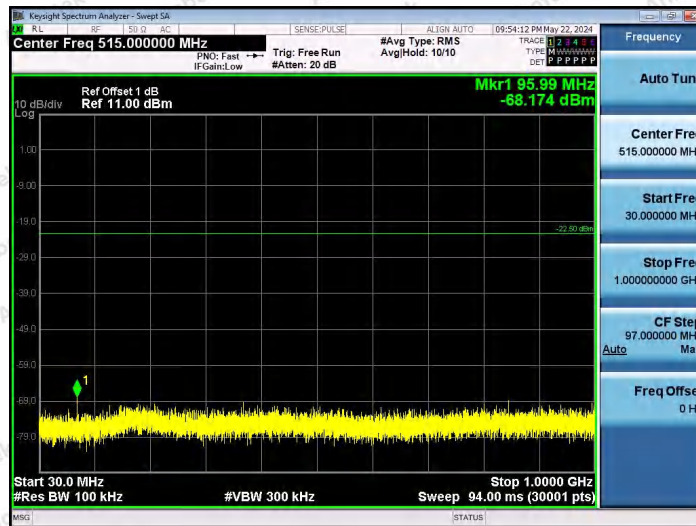
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

Hotline 400-003-0500
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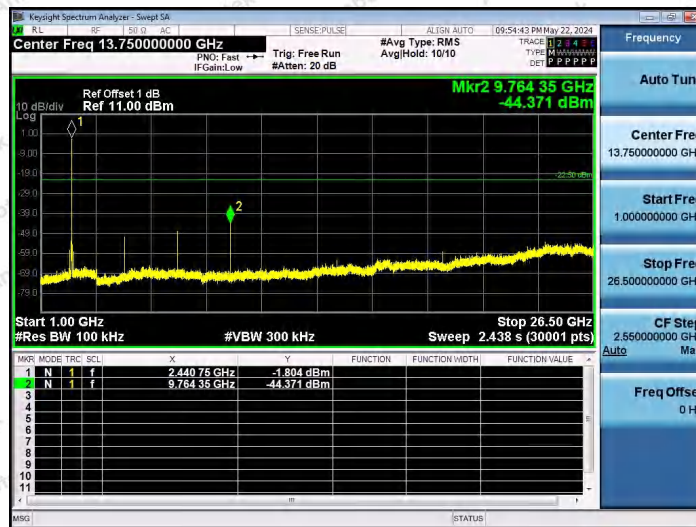




2DH5-Ant1-2441-0~Reference-PASS



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



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

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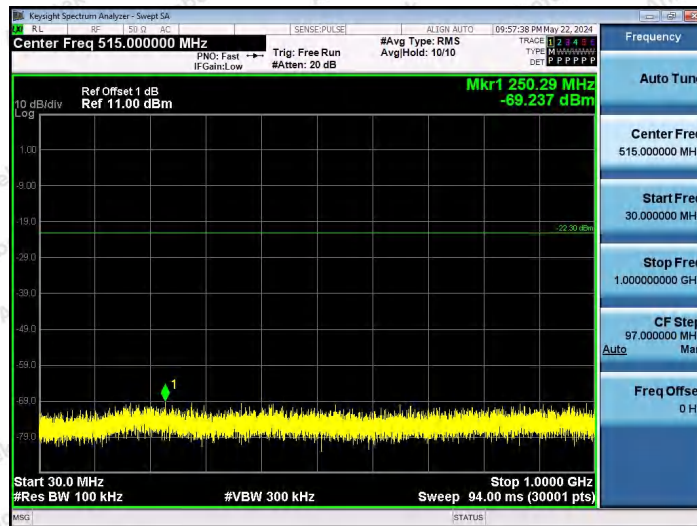
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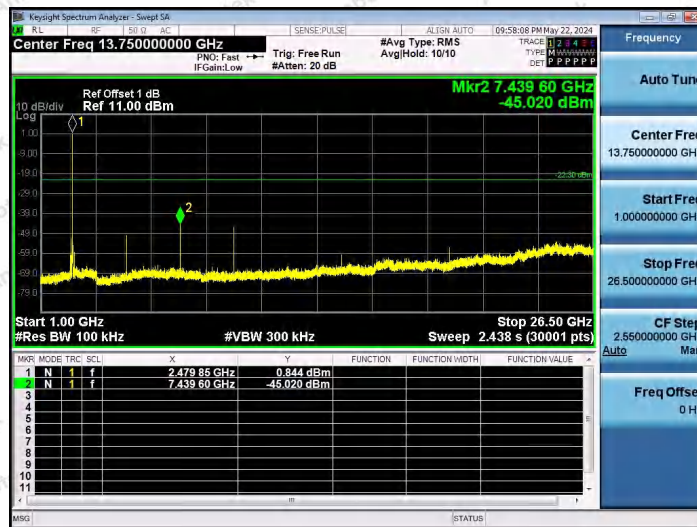




2DH5-Ant1-2480-0~Reference-PASS



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



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

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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	3.74	77.01	1.13
DH5	Ant1	2480	2.88	3.74	77.01	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.89	3.76	76.86	1.14
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

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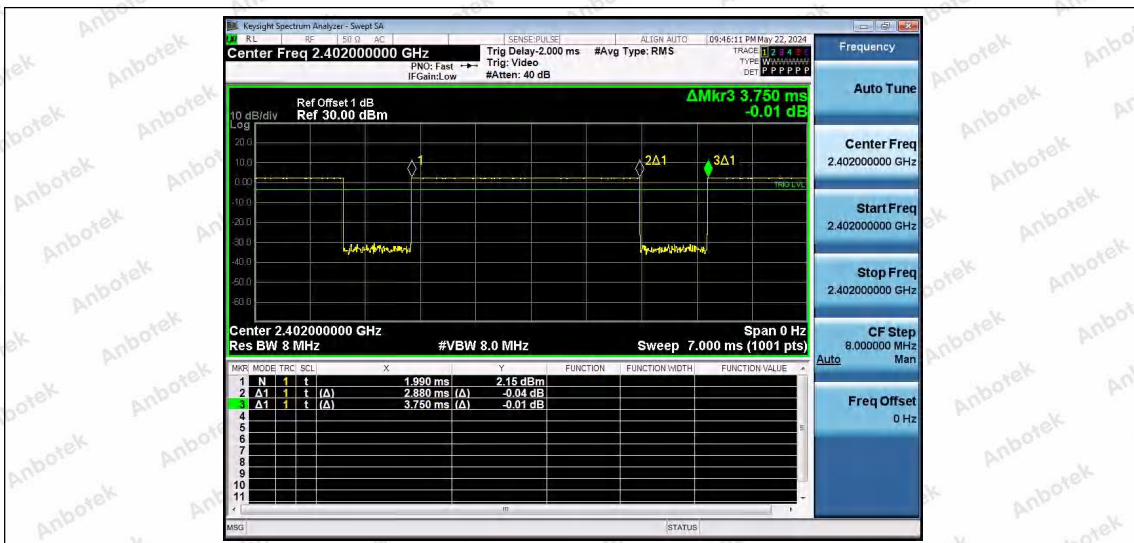
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



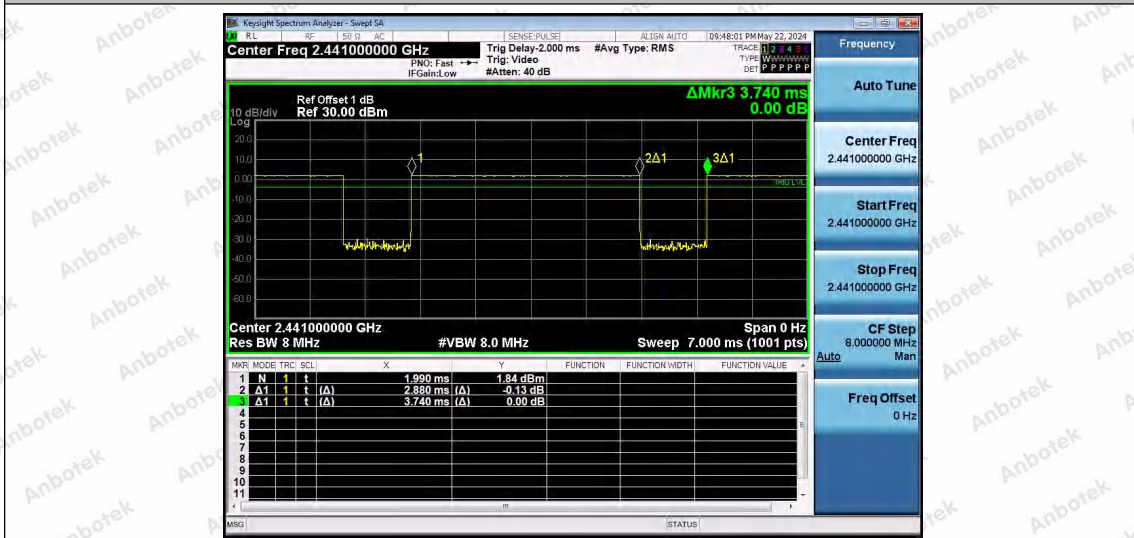
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Test Graphs



NTNV-DH5-Ant1-2402



NTNV-DH5-Ant1-2441



NTNV-DH5-Ant1-2480

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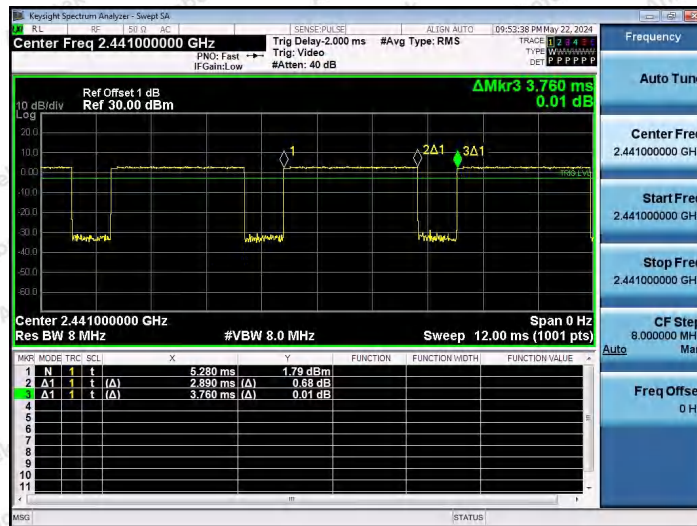
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.
 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com

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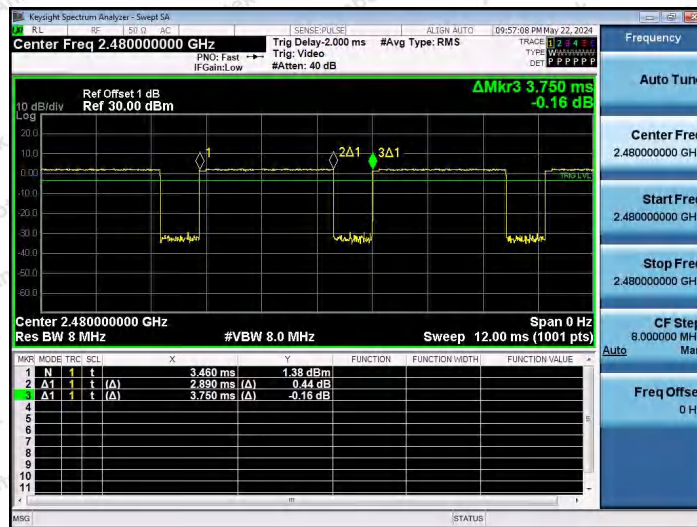




NTVN-2DH5-Ant1-2402



NTVN-2DH5-Ant1-2441



NTVN-2DH5-Ant1-2480

---End---

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