

Appendix Test Data

Report No.:	18220WC30020301	Test Sample No.:	1-2-2
Start Test Date:	2023.02.14	Finish Test Date:	2023.02.16
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	23.9°C	Relative Humidity:	41 %
Pressure:	1012 hPa		

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.038	2401.463	2402.501	---	---
		2441	1.035	2440.463	2441.498	---	---
		2480	1.041	2479.460	2480.501	---	---
2DH5	Ant1	2402	1.290	2401.364	2402.654	---	---
		2441	1.347	2440.325	2441.672	---	---
		2480	1.323	2479.337	2480.660	---	---
3DH5	Ant1	2402	1.296	2401.349	2402.645	---	---
		2441	1.317	2440.343	2441.660	---	---
		2480	1.326	2479.340	2480.666	---	---

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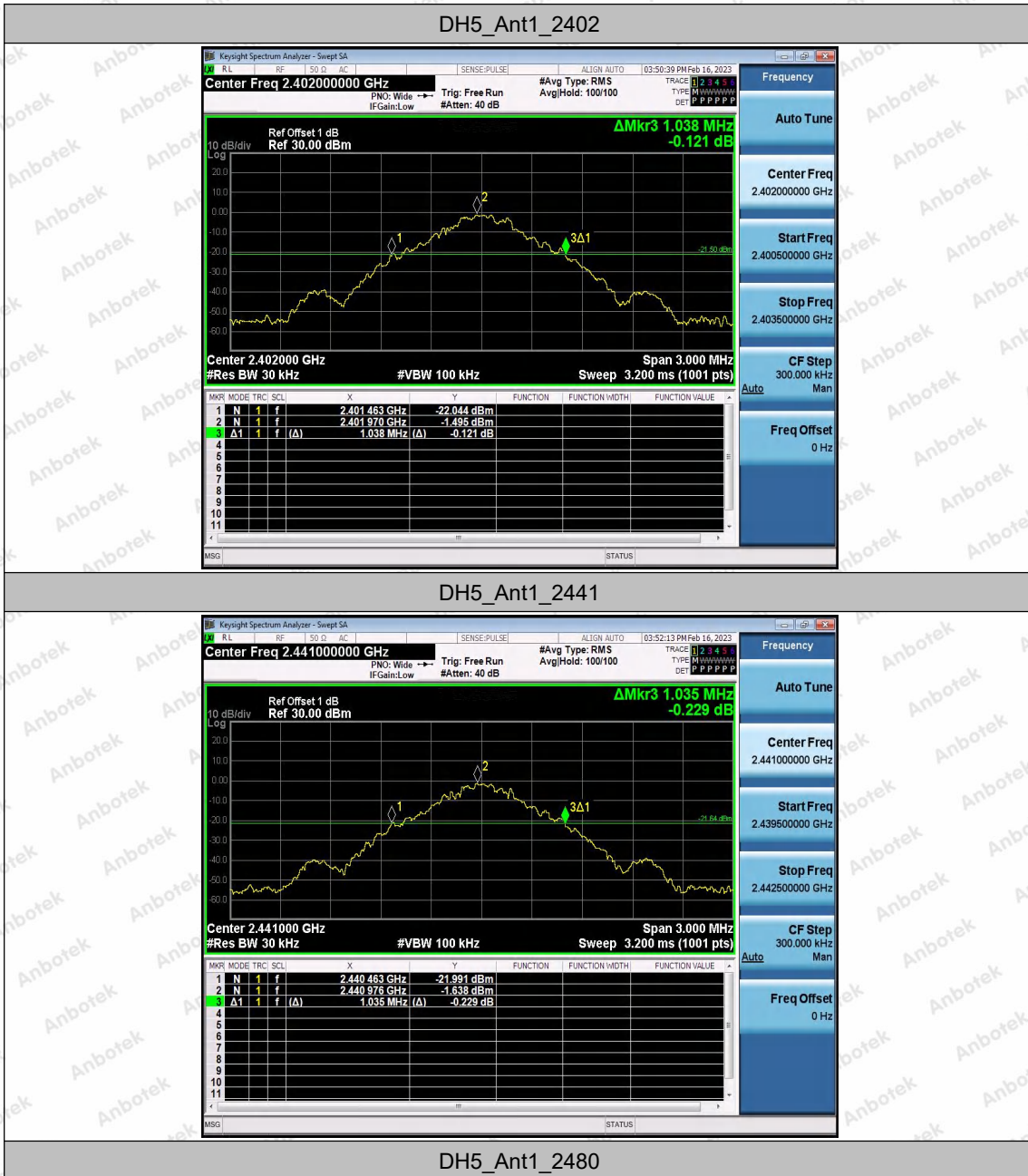
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Test Graphs



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2DH5_Ant1_2402



2DH5_Ant1_2441



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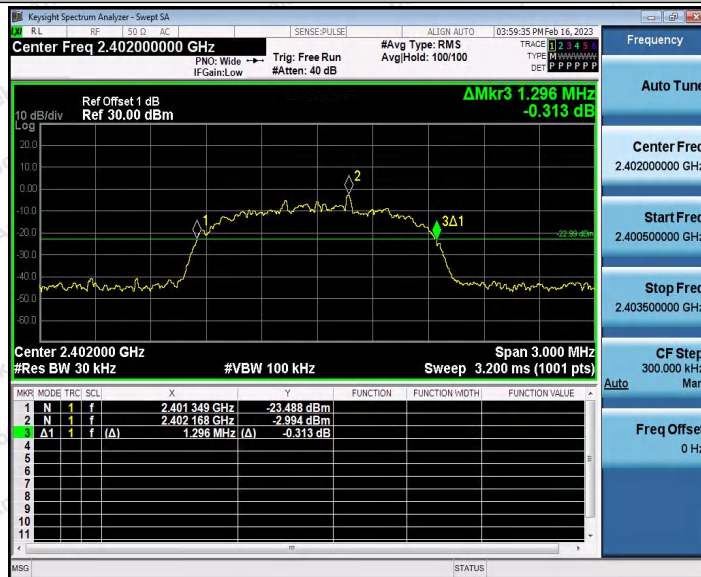
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2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441

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3DH5_Ant1_2480



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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.90469	2401.5477	2402.4524	---	---
		2441	0.90246	2440.5540	2441.4564	---	---
		2480	0.90505	2479.5509	2480.4560	---	---
2DH5	Ant1	2402	1.1936	2401.4037	2402.5973	---	---
		2441	1.1944	2440.4024	2441.5968	---	---
		2480	1.1979	2479.3994	2480.5973	---	---
3DH5	Ant1	2402	1.2070	2401.3934	2402.6004	---	---
		2441	1.2043	2440.3952	2441.5995	---	---
		2480	1.2171	2479.3865	2480.6036	---	---



Test Graphs



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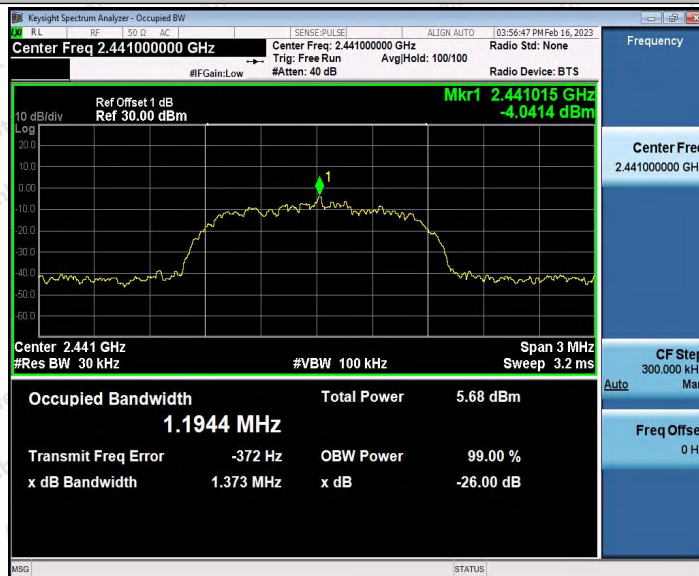




2DH5_Ant1_2402



2DH5_Ant1_2441

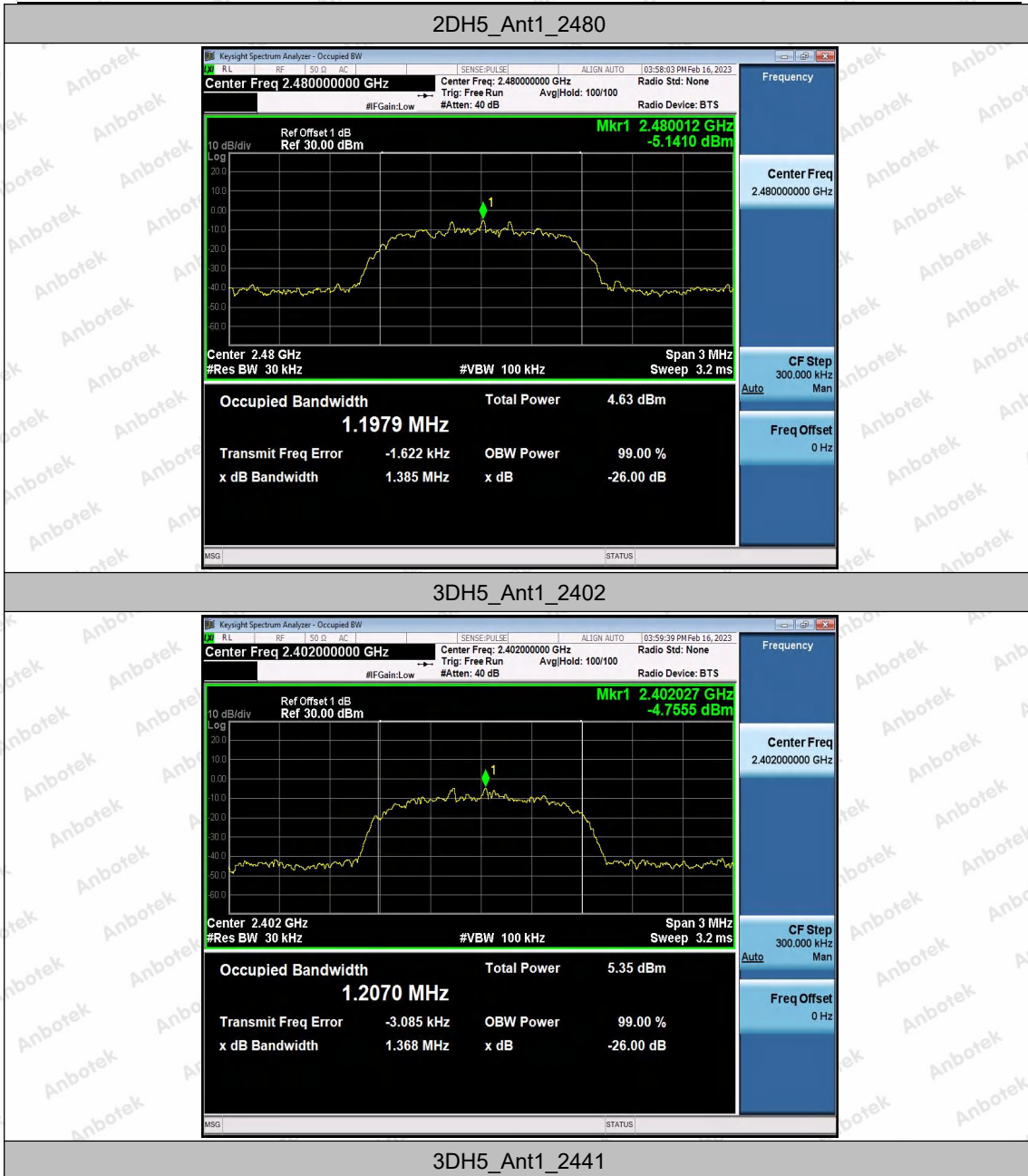


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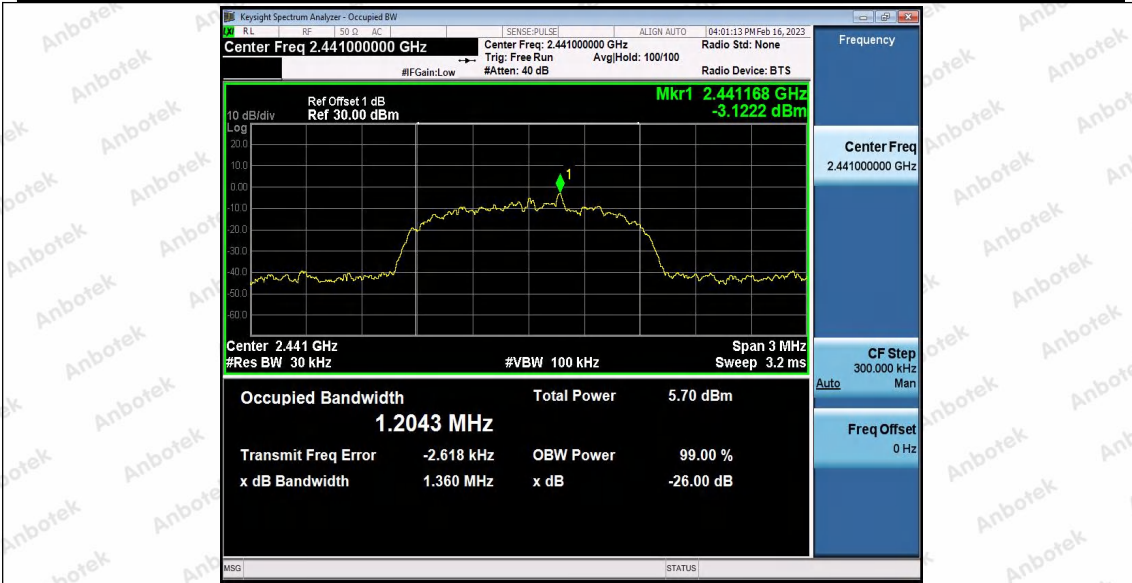


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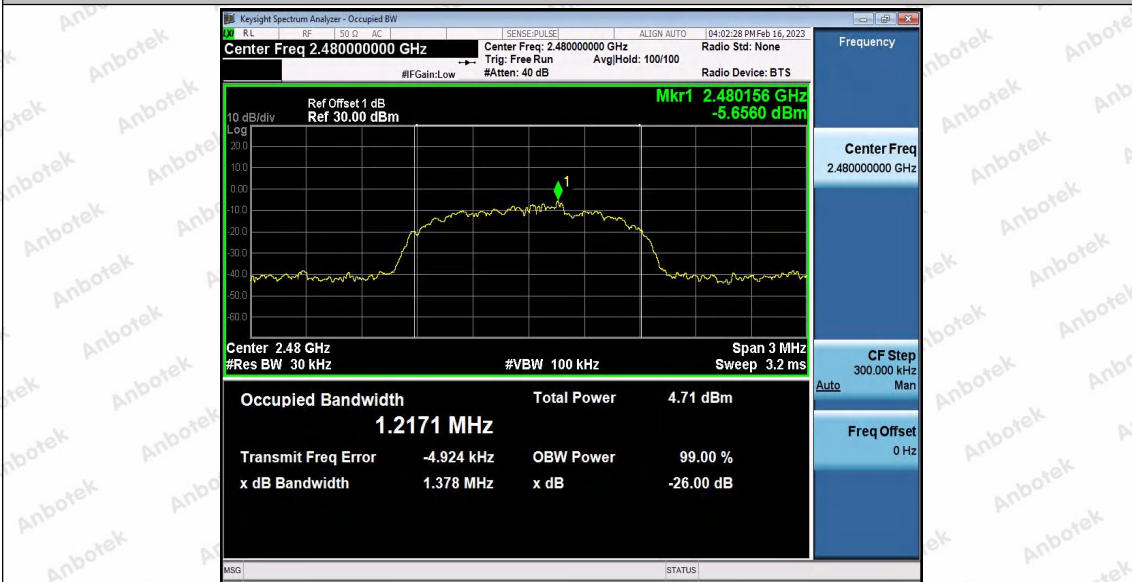
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3DH5_Ant1_2480



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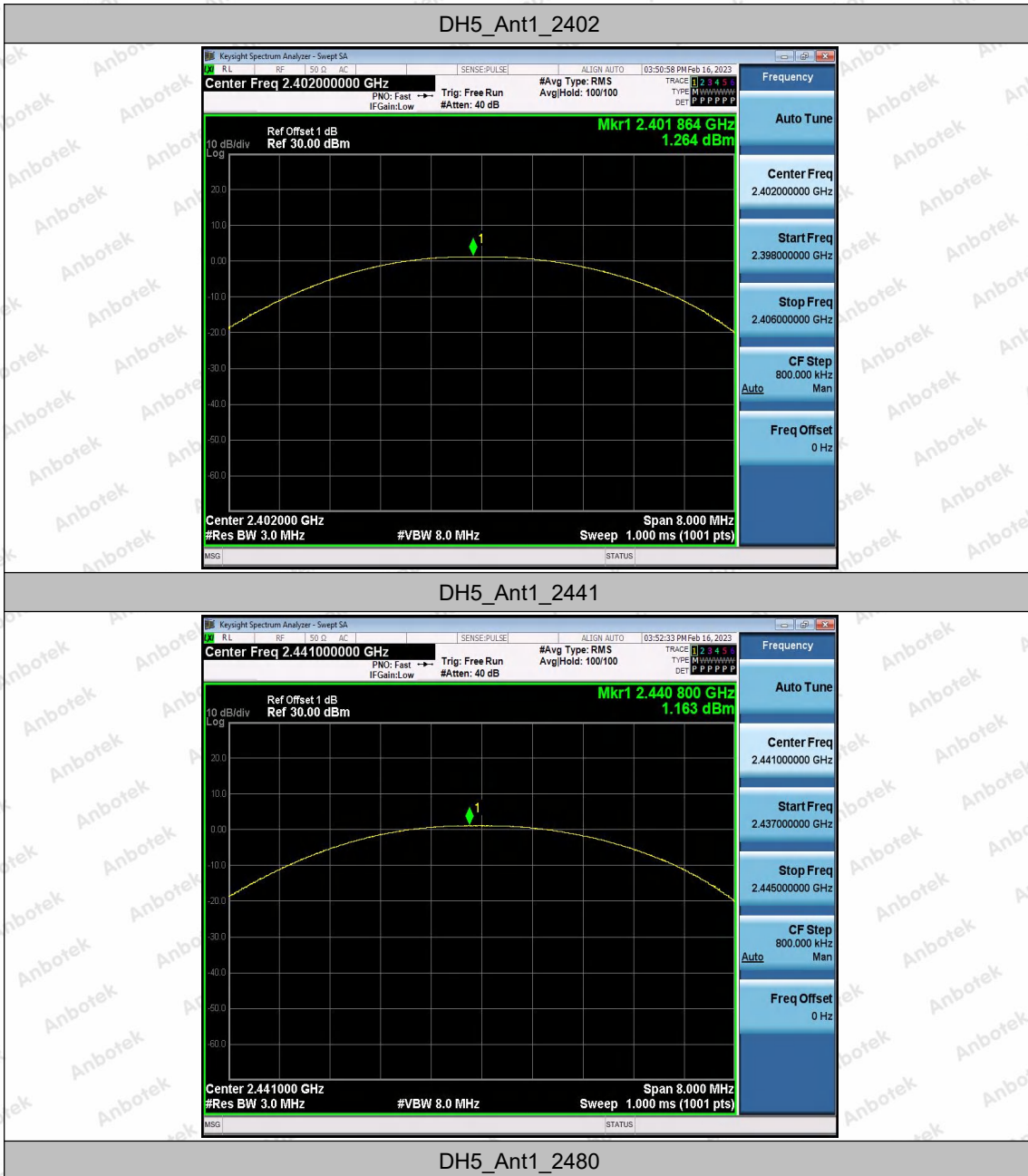
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	1.26	≤20.97	PASS
		2441	1.16	≤20.97	PASS
		2480	-0.16	≤20.97	PASS
2DH5	Ant1	2402	0.55	≤20.97	PASS
		2441	0.44	≤20.97	PASS
		2480	-0.68	≤20.97	PASS
3DH5	Ant1	2402	0.68	≤20.97	PASS
		2441	0.57	≤20.97	PASS
		2480	-0.55	≤20.97	PASS



Test Graphs



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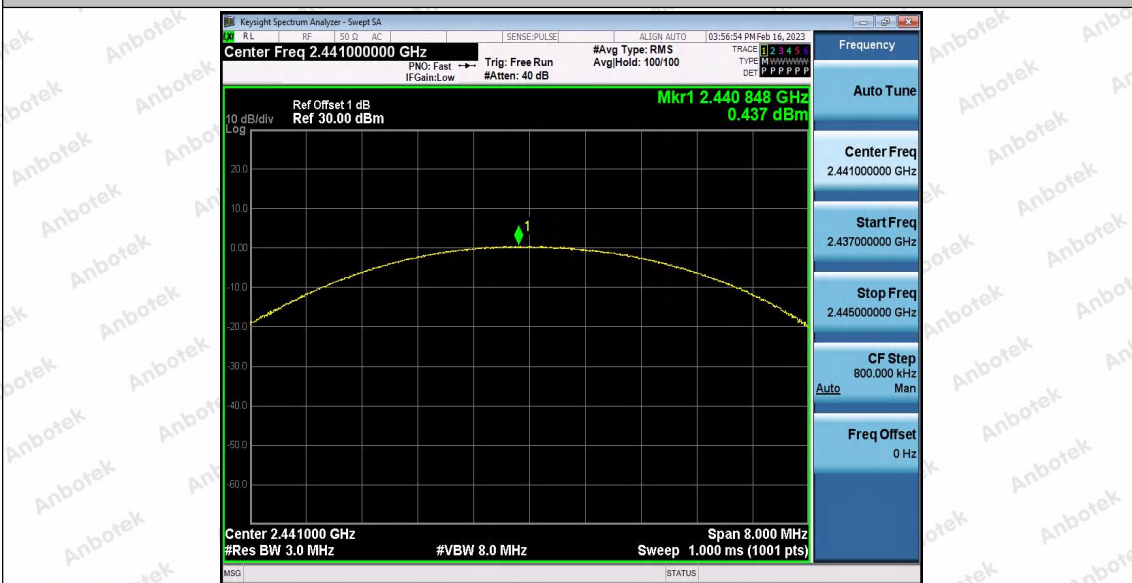




2DH5_Ant1_2402



2DH5_Ant1_2441



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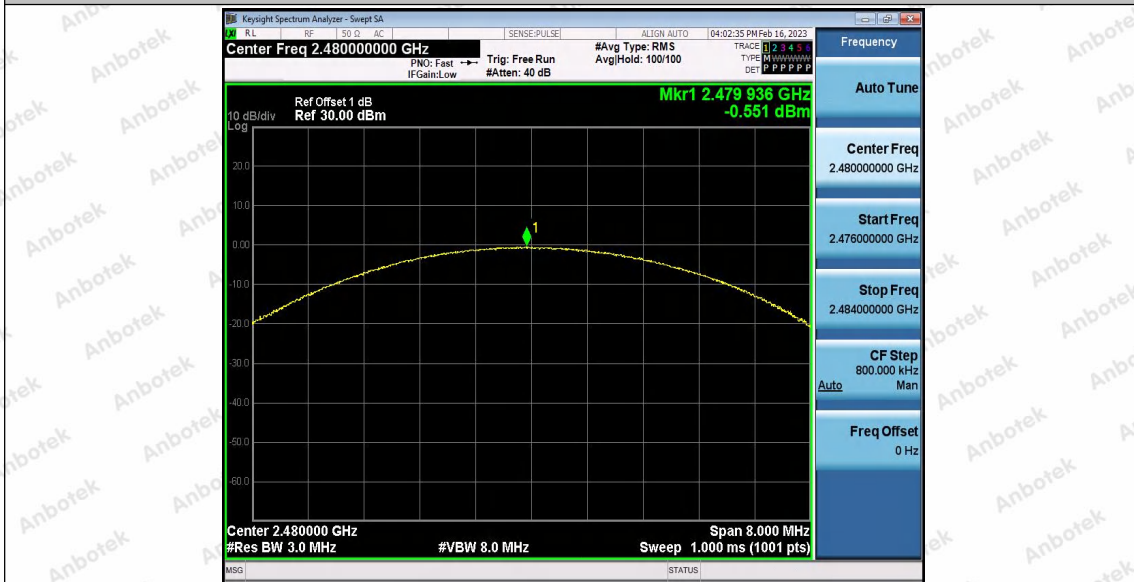
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3DH5_Ant1_2480



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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.318	≥1.041	PASS
2DH5	Ant1	Hop	1.014	≥0.898	PASS
3DH5	Ant1	Hop	1.27	≥0.884	PASS

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Test Graphs



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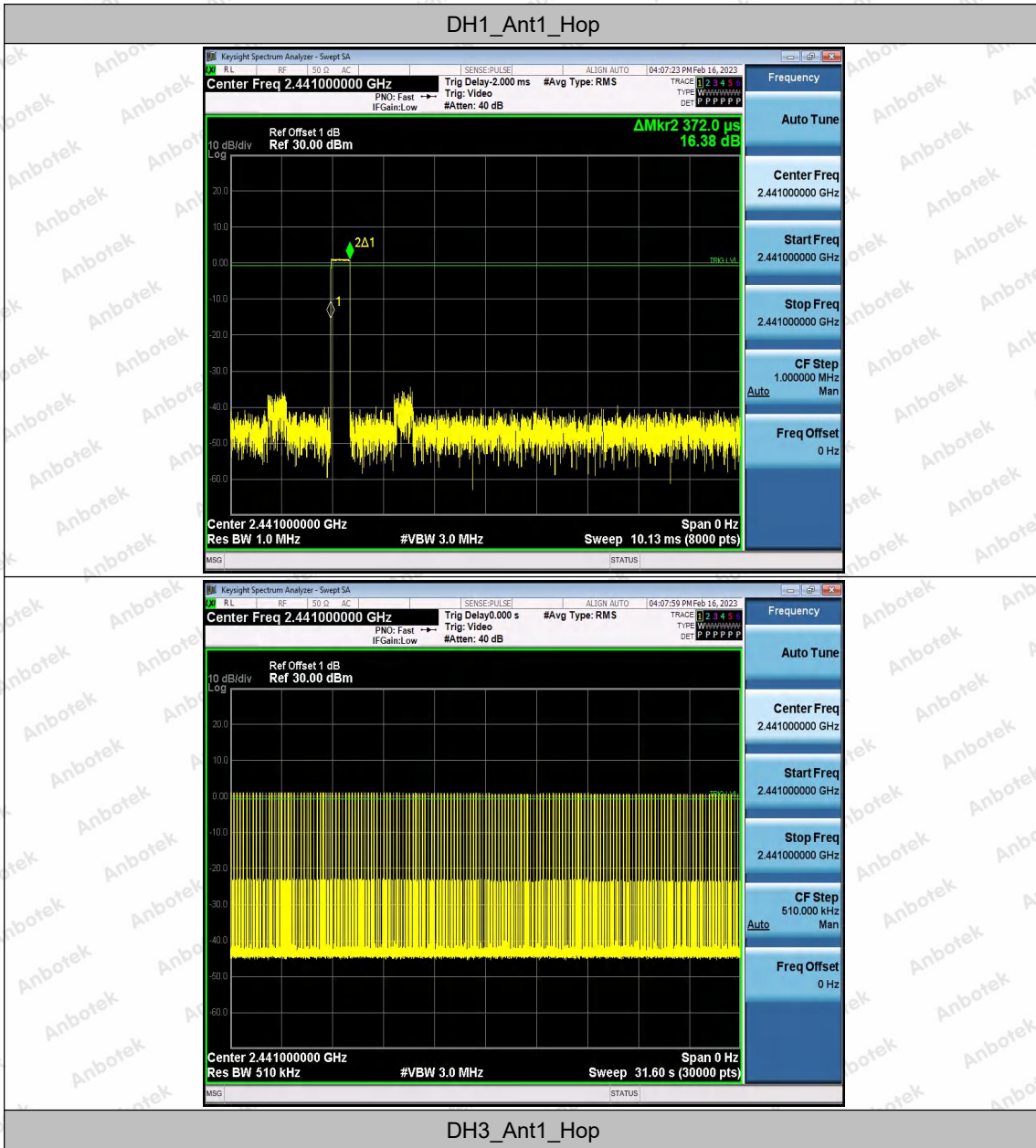
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.372	313	0.116	≤0.4	PASS
DH3	Ant1	Hop	1.628	158	0.257	≤0.4	PASS
DH5	Ant1	Hop	2.877	109	0.314	≤0.4	PASS
2DH1	Ant1	Hop	0.379	314	0.119	≤0.4	PASS
2DH3	Ant1	Hop	1.633	160	0.261	≤0.4	PASS
2DH5	Ant1	Hop	2.879	109	0.314	≤0.4	PASS
3DH1	Ant1	Hop	0.381	314	0.12	≤0.4	PASS
3DH3	Ant1	Hop	1.630	159	0.259	≤0.4	PASS
3DH5	Ant1	Hop	2.881	109	0.314	≤0.4	PASS



Test Graphs

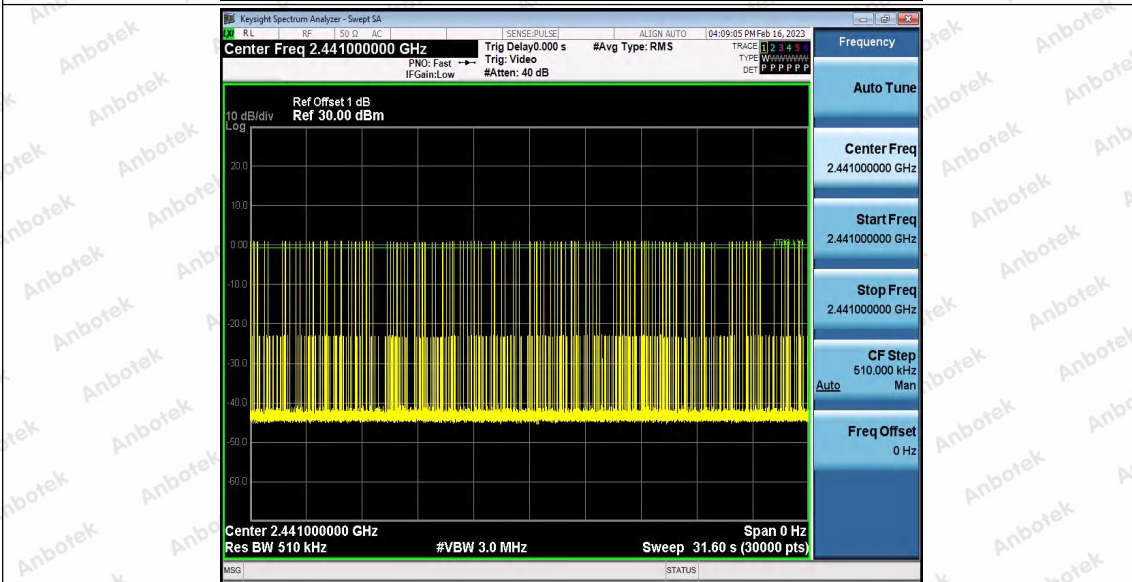


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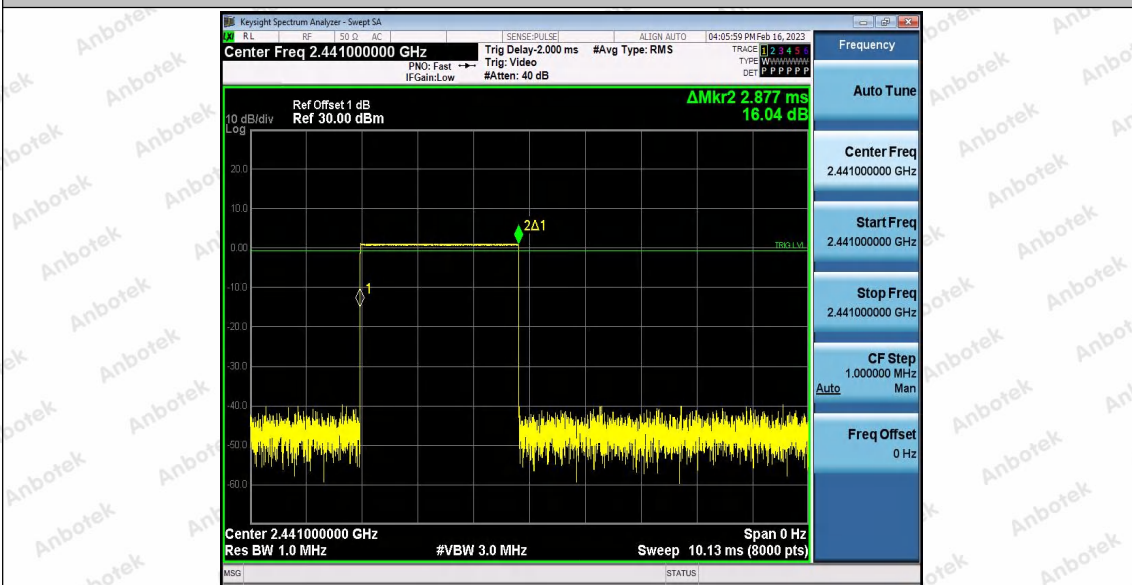
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DH5_Ant1_Hop

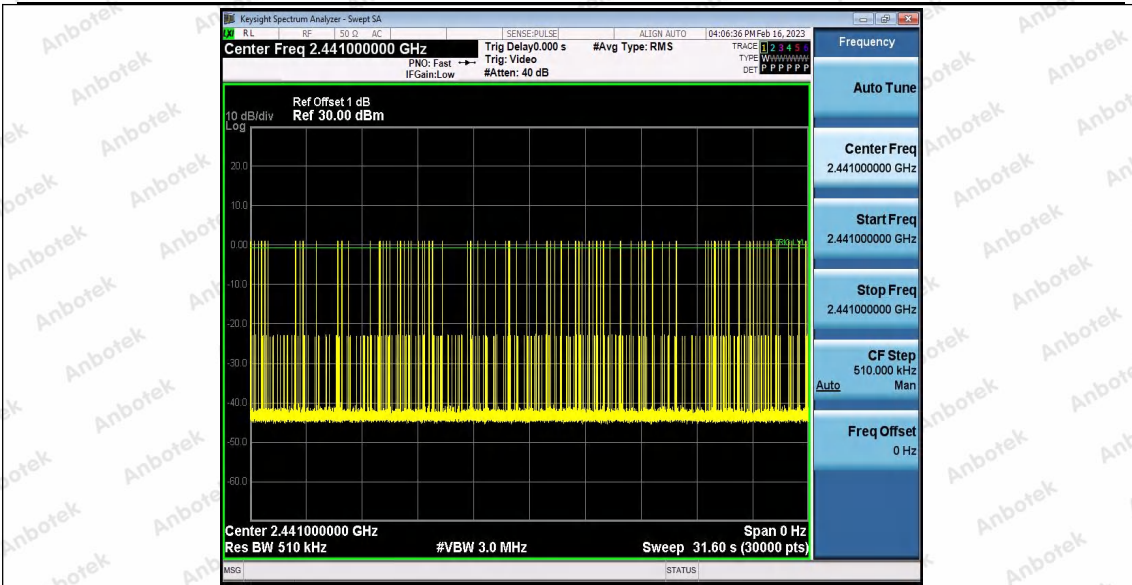


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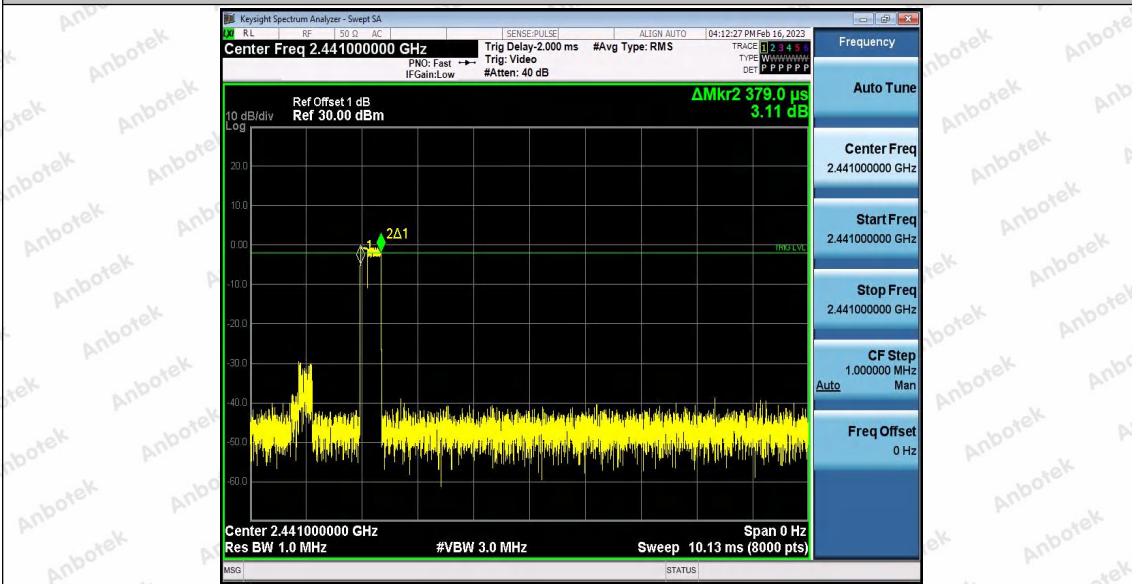
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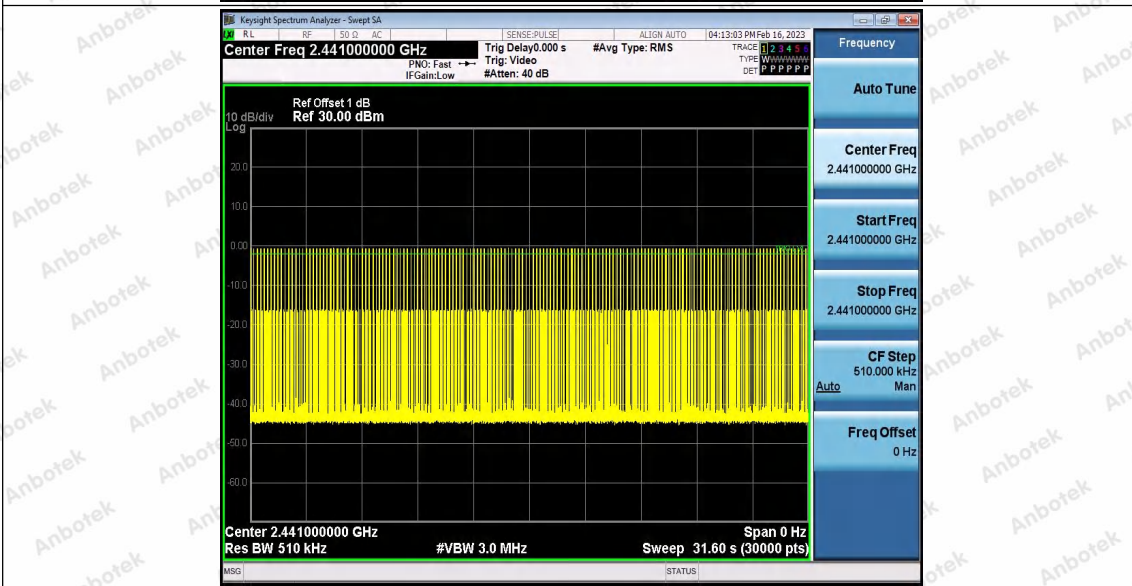




2DH1_Ant1_Hop



2DH3_Ant1_Hop

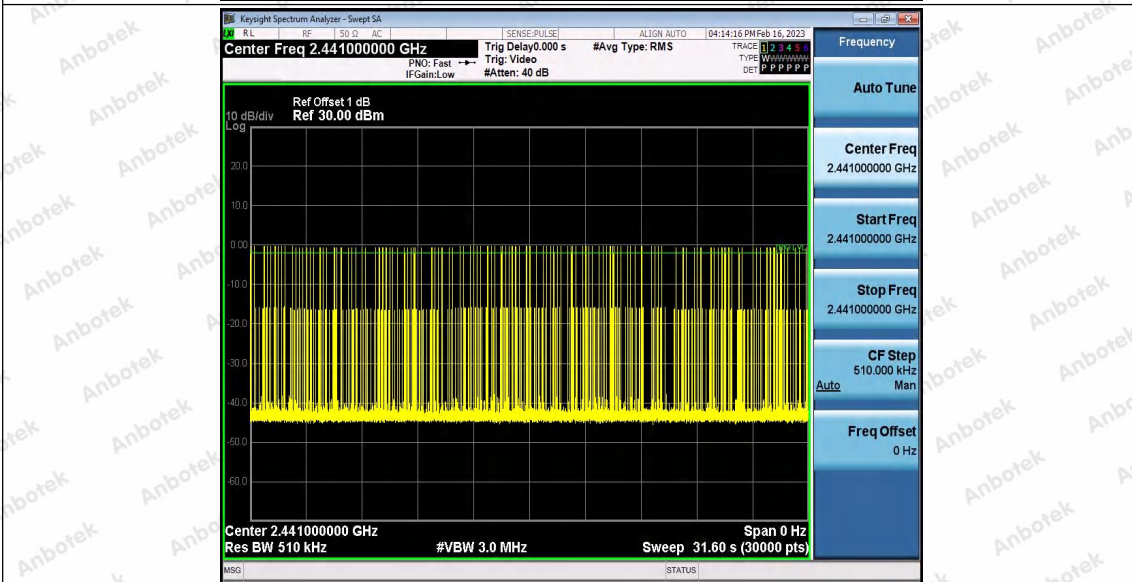


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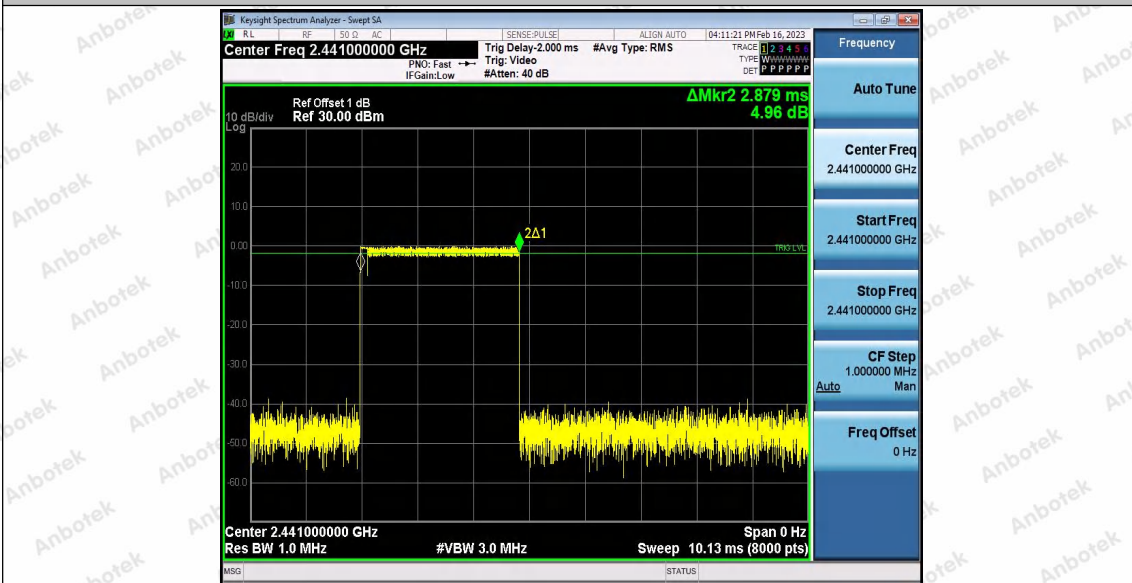
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2DH5_Ant1_Hop

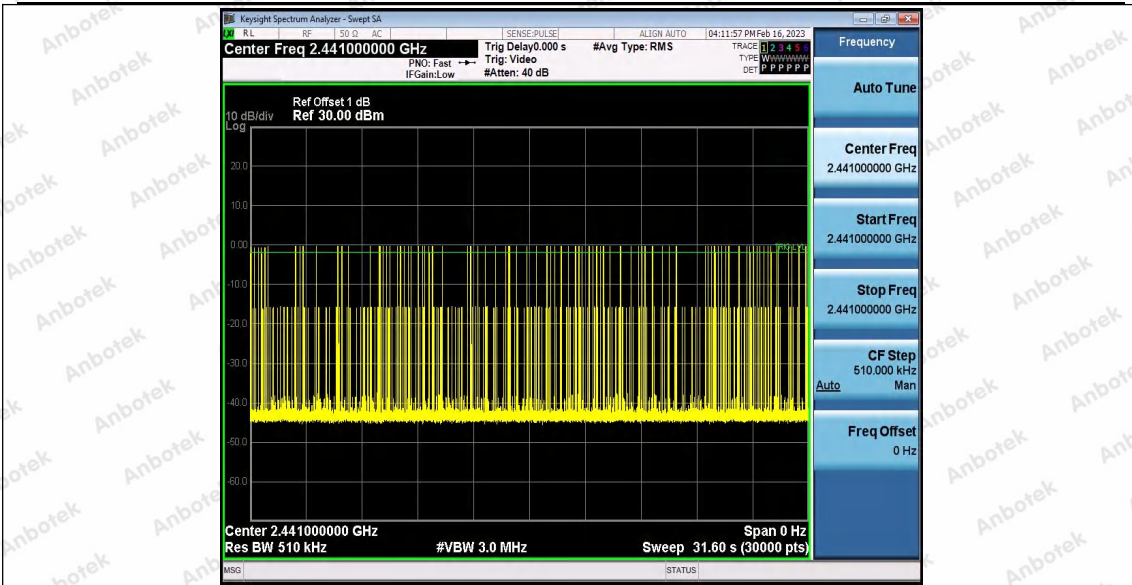


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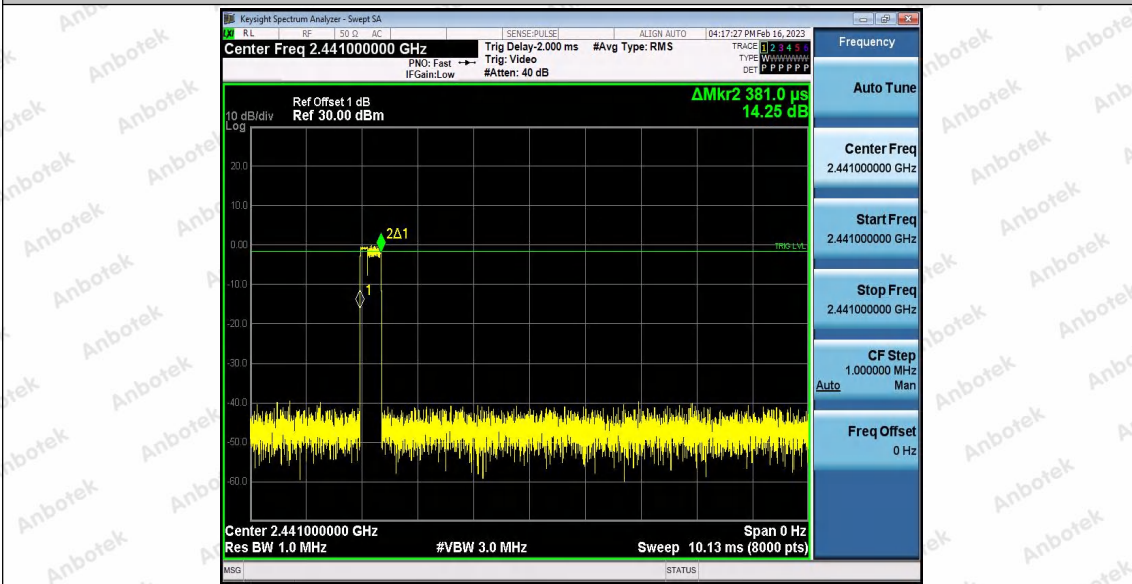
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3DH1_Ant1_Hop



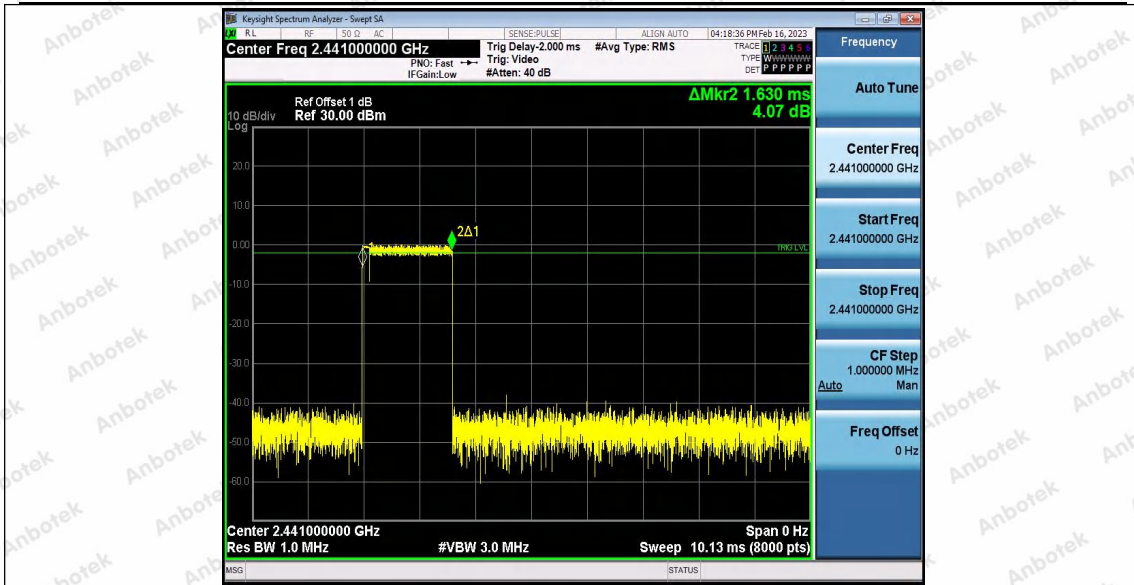
3DH3_Ant1_Hop

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3DH5_Ant1_Hop

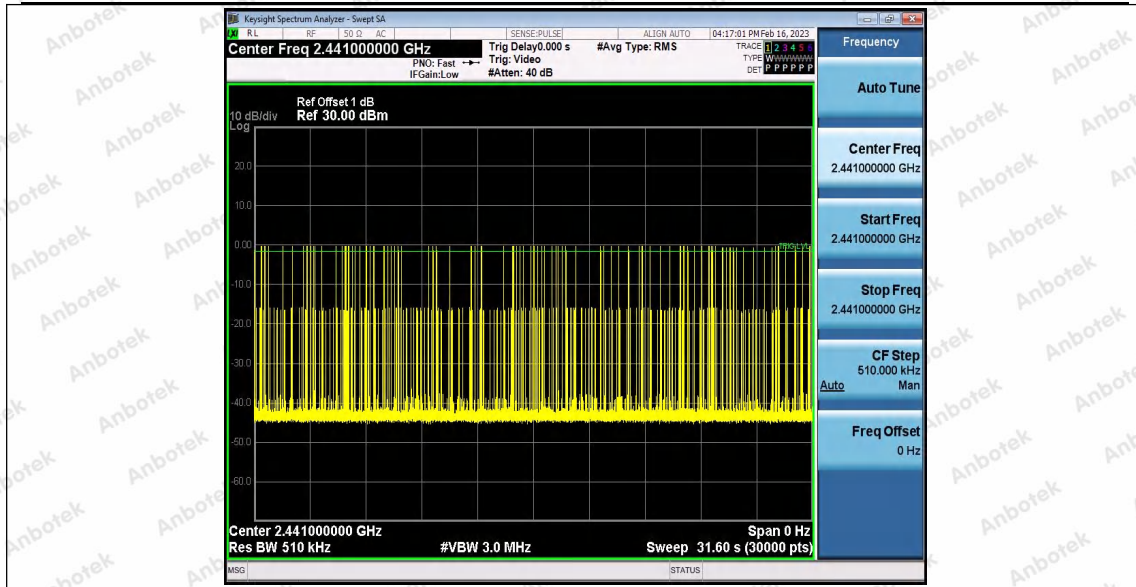


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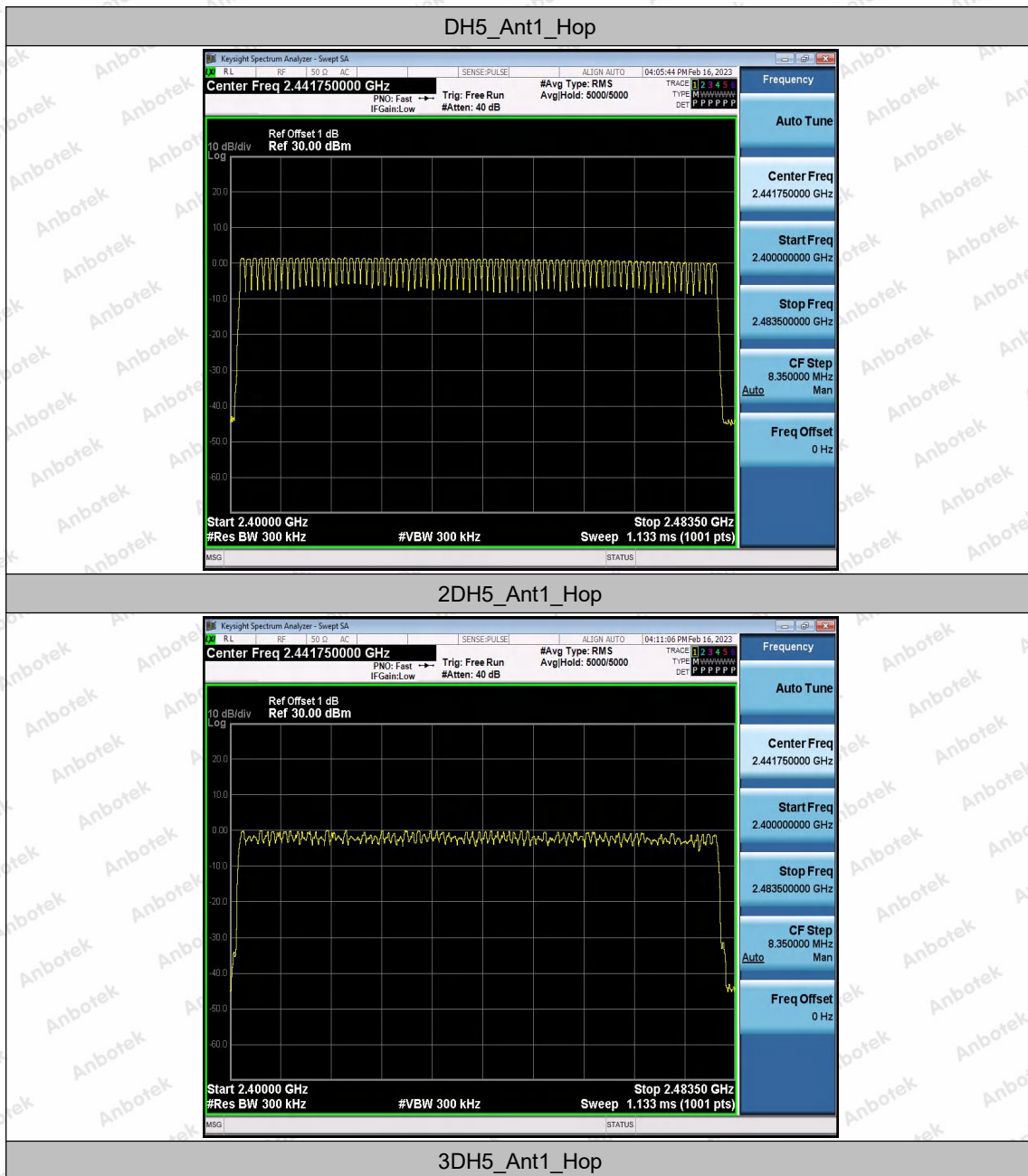
Appendix F: Number of hopping channels

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

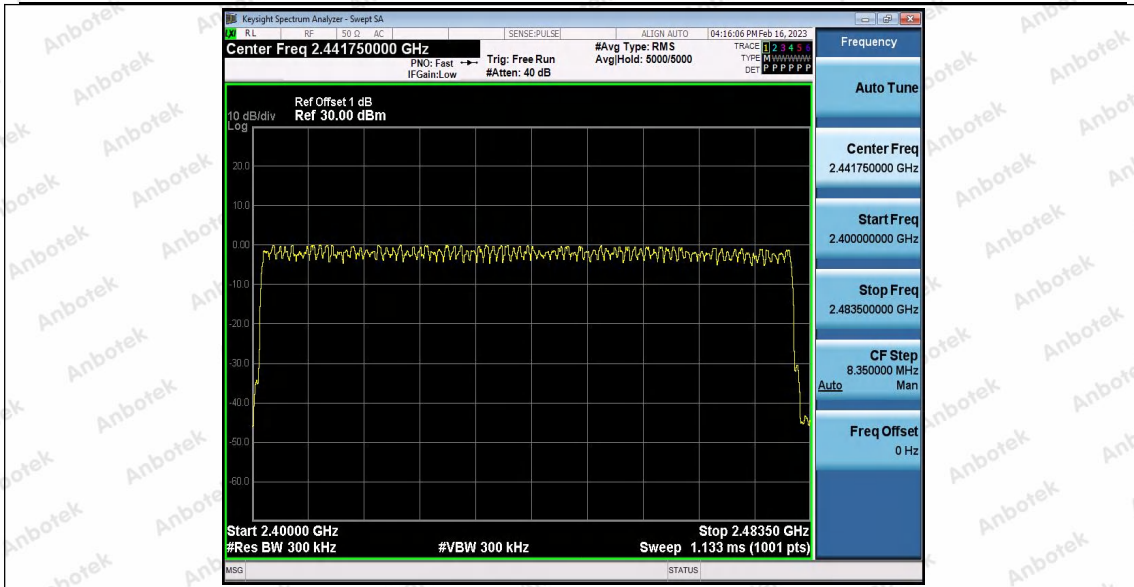


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Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.75	-57.35	≤-19.25	PASS
		High	2480	-0.89	-57.74	≤-20.89	PASS
		Low	Hop_2402	0.91	-57.5	≤-19.09	PASS
		High	Hop_2480	-0.15	-57.02	≤-20.15	PASS
2DH5	Ant1	Low	2402	-2.32	-56.26	≤-22.32	PASS
		High	2480	-1.65	-57.3	≤-21.65	PASS
		Low	Hop_2402	-0.68	-57.35	≤-20.68	PASS
		High	Hop_2480	-2.00	-57.04	≤-22	PASS
3DH5	Ant1	Low	2402	-0.38	-56.11	≤-20.38	PASS
		High	2480	-4.12	-57.02	≤-24.12	PASS
		Low	Hop_2402	-3.59	-57.61	≤-23.59	PASS
		High	Hop_2480	-1.16	-57.31	≤-21.16	PASS

