

Appendix Test Data

Report No.:	18220WC20235101	Test Sample No.:	1-2-2
Start Test Date:	2022.10.8	Finish Test Date:	2022.10.10
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

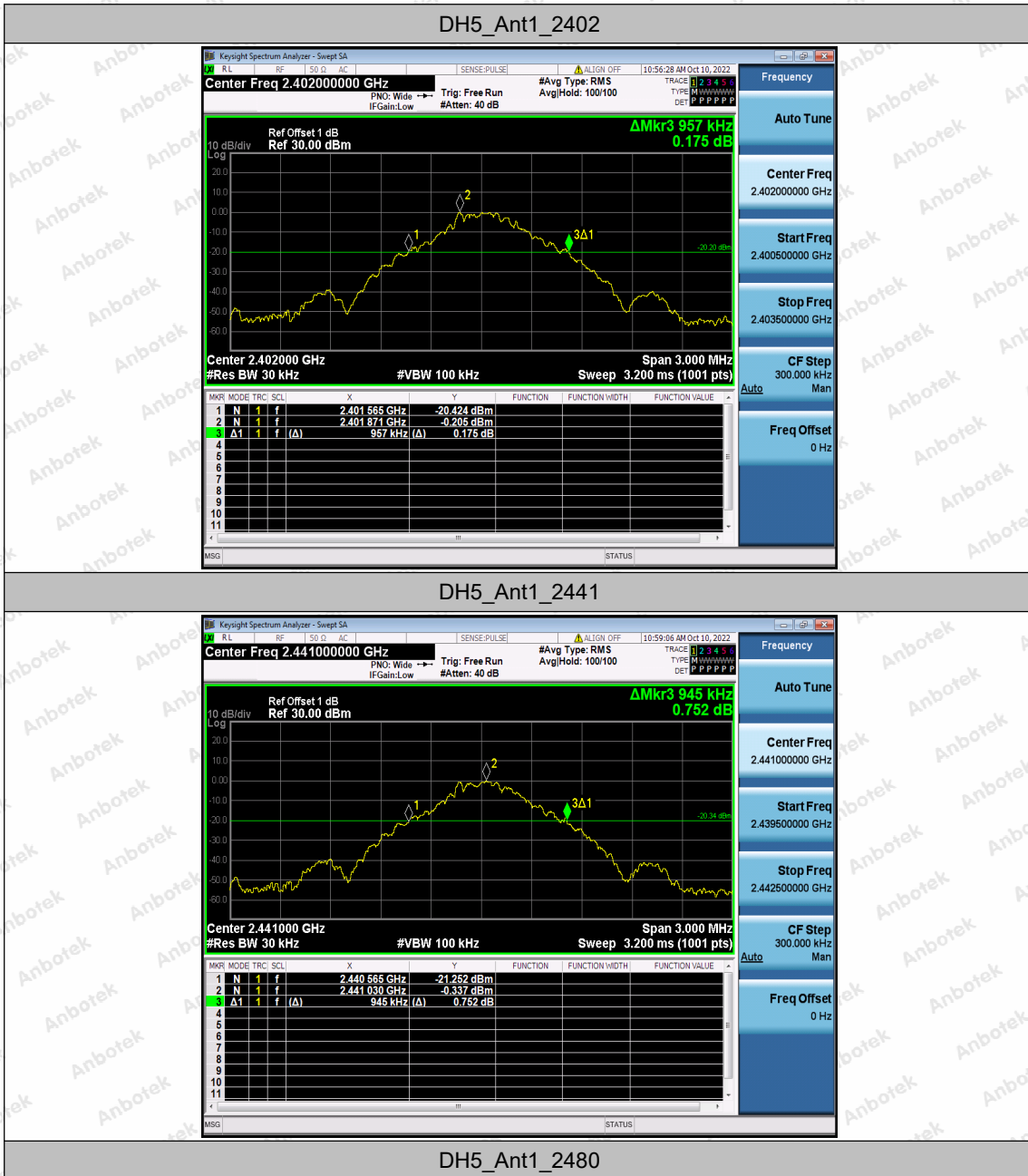
Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]
DH5	Ant1	2402	0.957	2401.565	2402.522
		2441	0.945	2440.565	2441.510
		2480	0.954	2479.571	2480.525
2DH5	Ant1	2402	1.302	2401.376	2402.678
		2441	1.275	2440.406	2441.681
		2480	1.305	2479.382	2480.687
3DH5	Ant1	2402	1.308	2401.382	2402.690
		2441	1.317	2440.379	2441.696
		2480	1.284	2479.385	2480.669



Test Graphs



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2DH5_Ant1_2402



2DH5_Ant1_2441



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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]
DH5	Ant1	2402	0.85652	2401.6004	2402.4569
		2441	0.84489	2440.6021	2441.4469
		2480	0.86032	2479.5981	2480.4584
2DH5	Ant1	2402	1.1739	2401.4415	2402.6154
		2441	1.1758	2440.4412	2441.6170
		2480	1.1862	2479.4380	2480.6242
3DH5	Ant1	2402	1.2031	2401.4246	2402.6277
		2441	1.1851	2440.4406	2441.6257
		2480	1.1906	2479.4387	2480.6293

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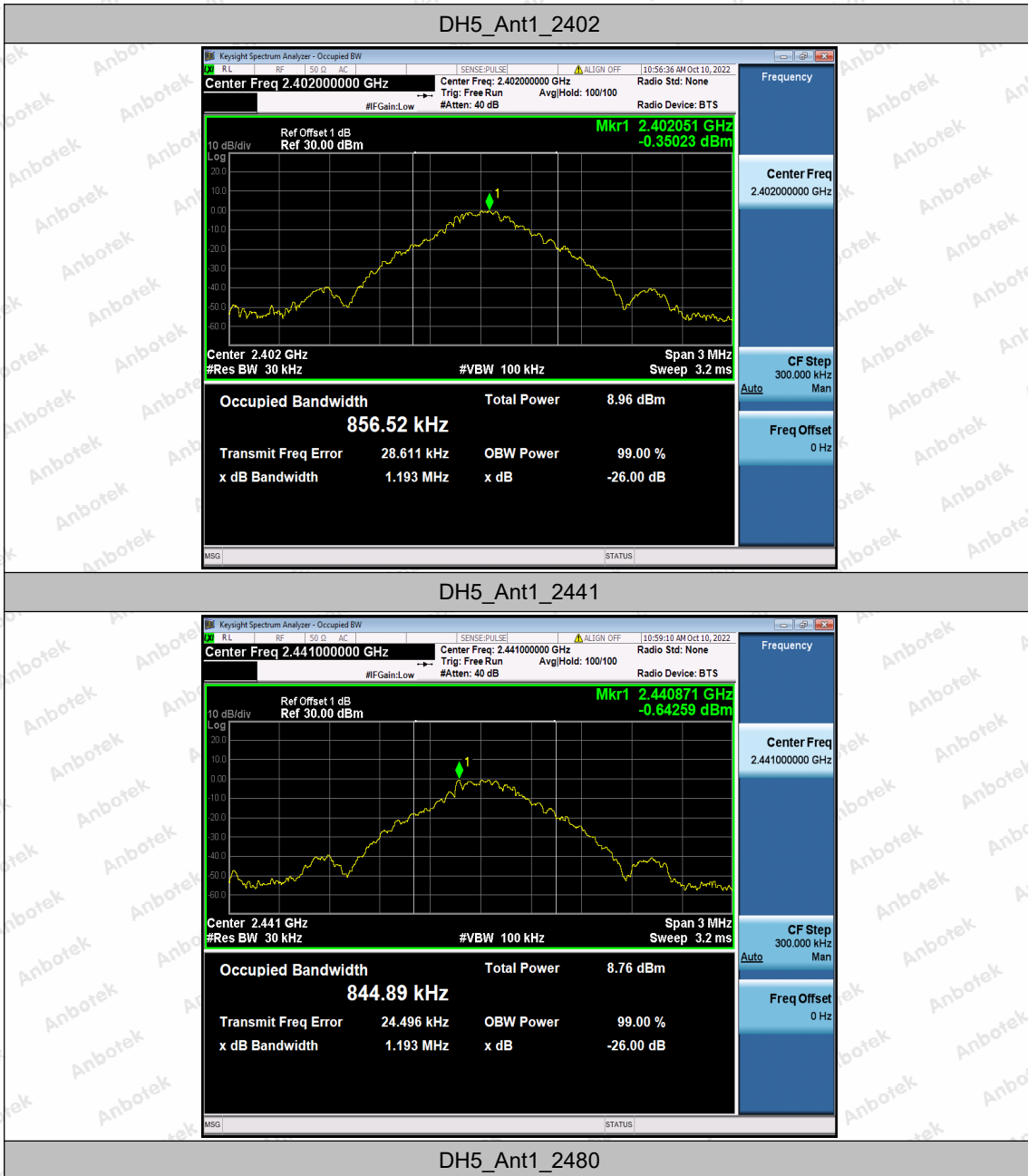
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2DH5_Ant1_2402



2DH5_Ant1_2441

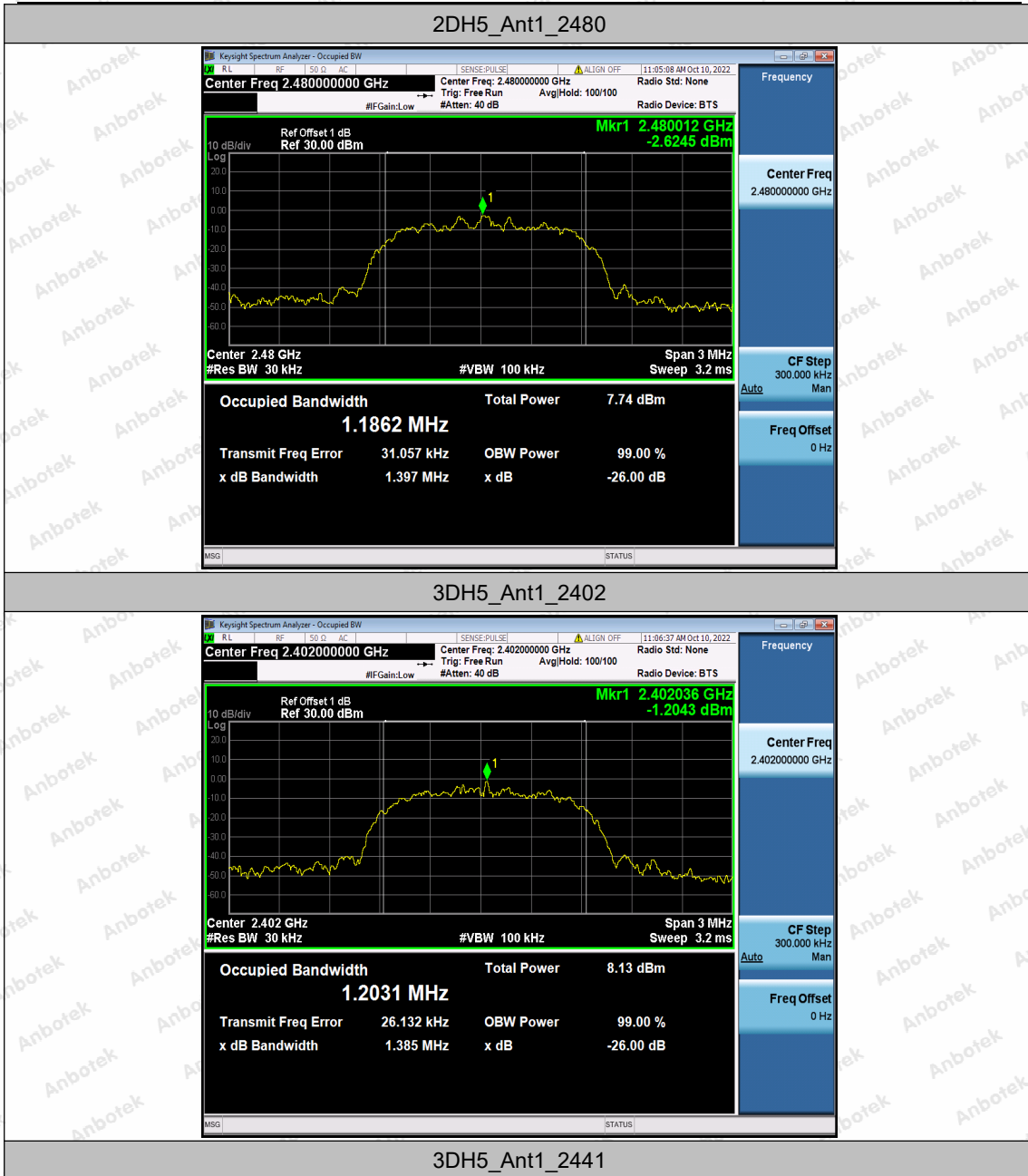


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3DH5_Ant1_2480



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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	2.4	≤20.97	PASS
		2441	2.03	≤20.97	PASS
		2480	1.86	≤20.97	PASS
2DH5	Ant1	2402	3.39	≤20.97	PASS
		2441	2.89	≤20.97	PASS
		2480	2.67	≤20.97	PASS
3DH5	Ant1	2402	3.76	≤20.97	PASS
		2441	3.32	≤20.97	PASS
		2480	2.88	≤20.97	PASS

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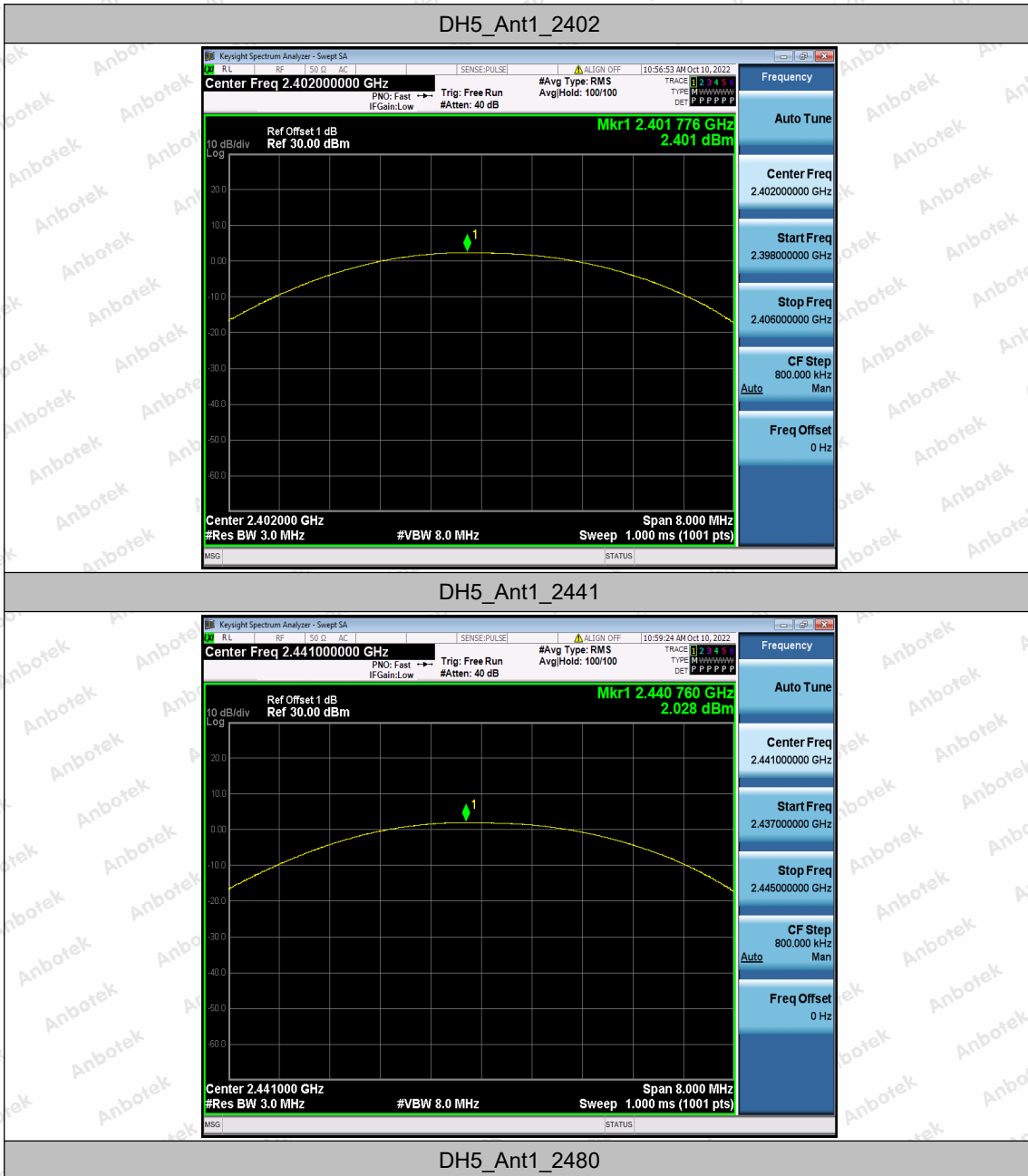
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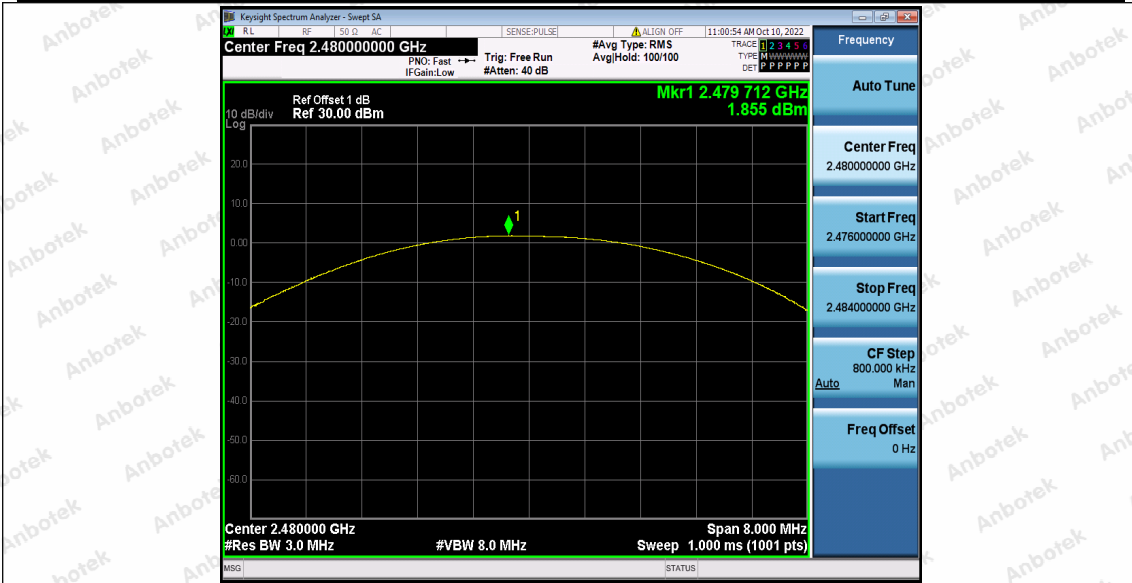


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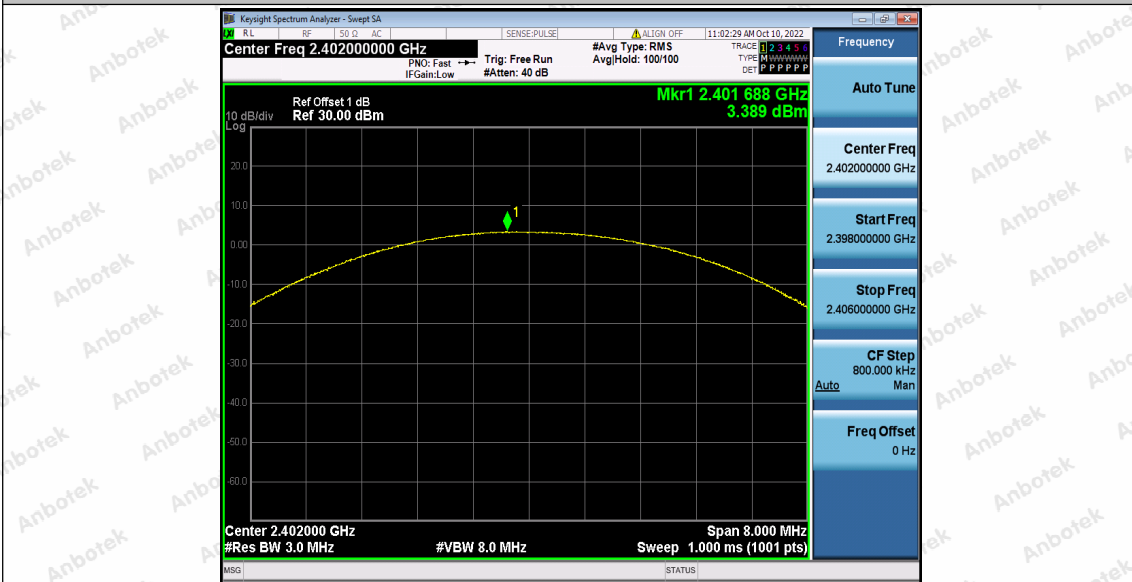
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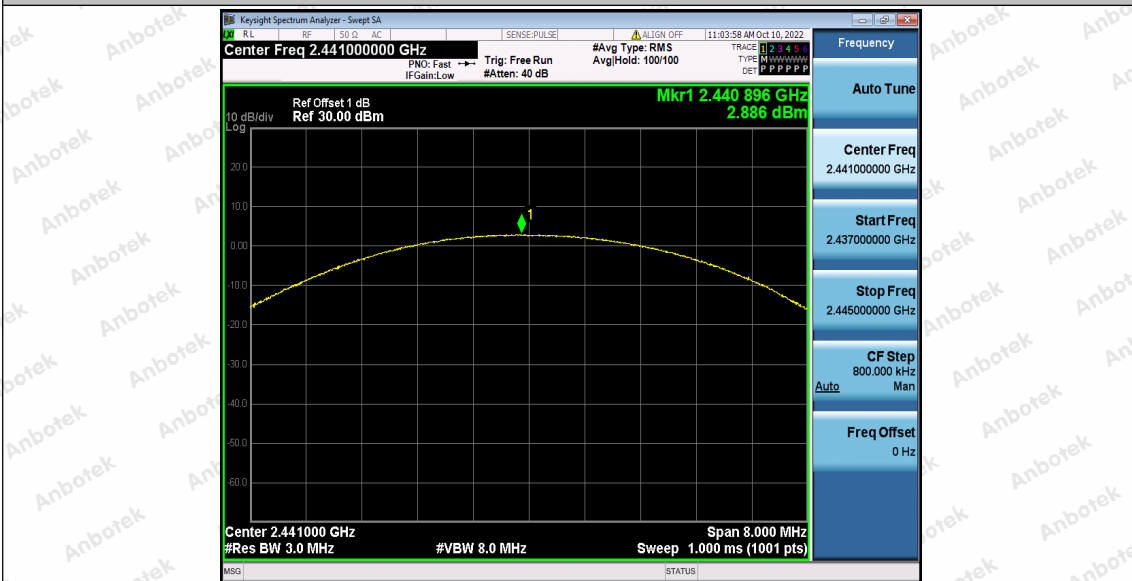




2DH5_Ant1_2402



2DH5_Ant1_2441

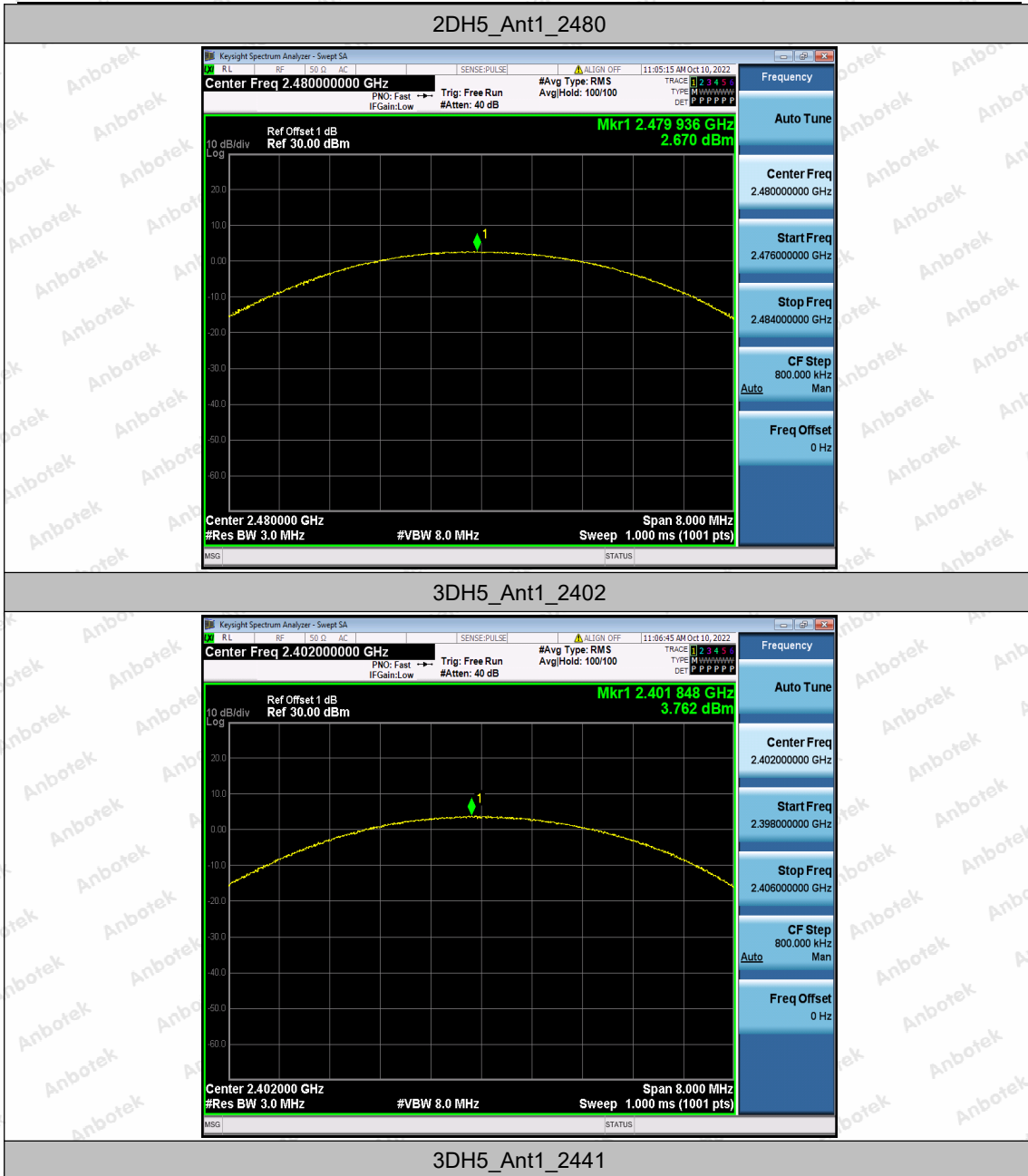


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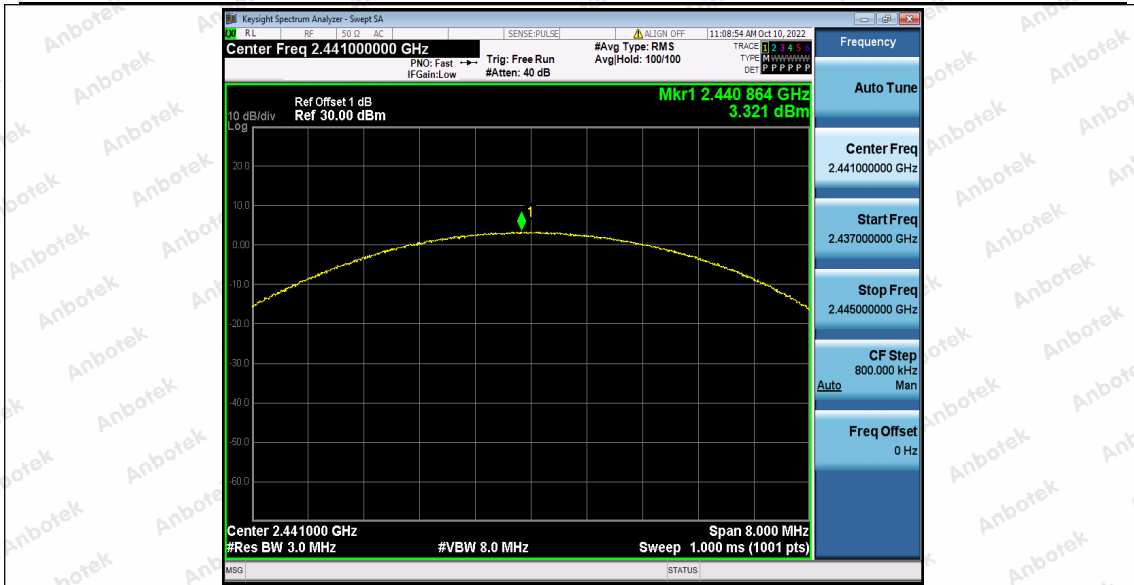


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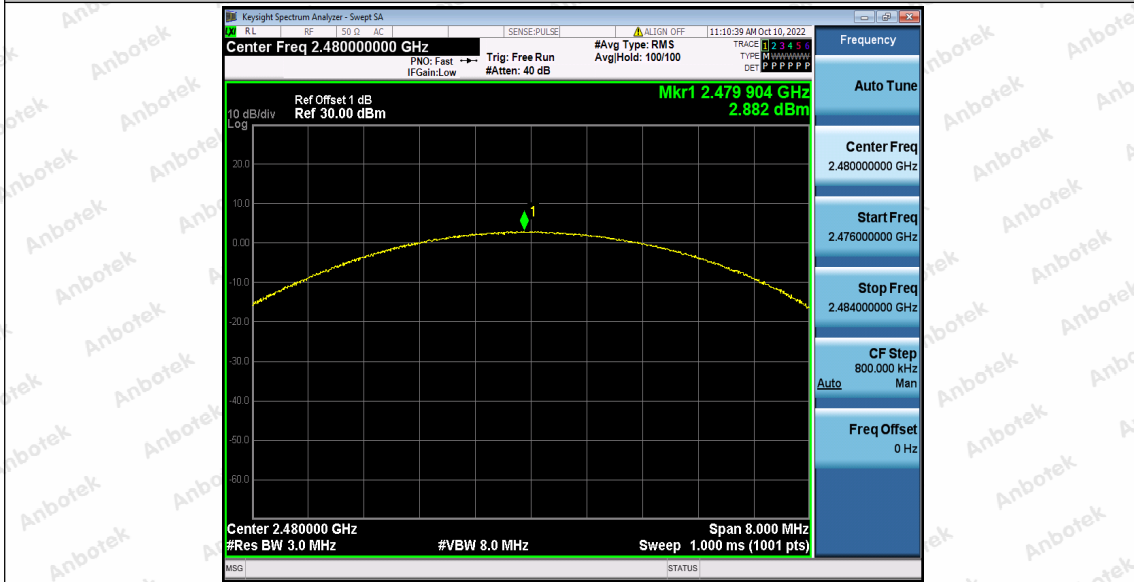
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3DH5_Ant1_2480



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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥ 0.957	PASS
2DH5	Ant1	Hop	1.348	≥ 0.870	PASS
3DH5	Ant1	Hop	1.058	≥ 0.878	PASS

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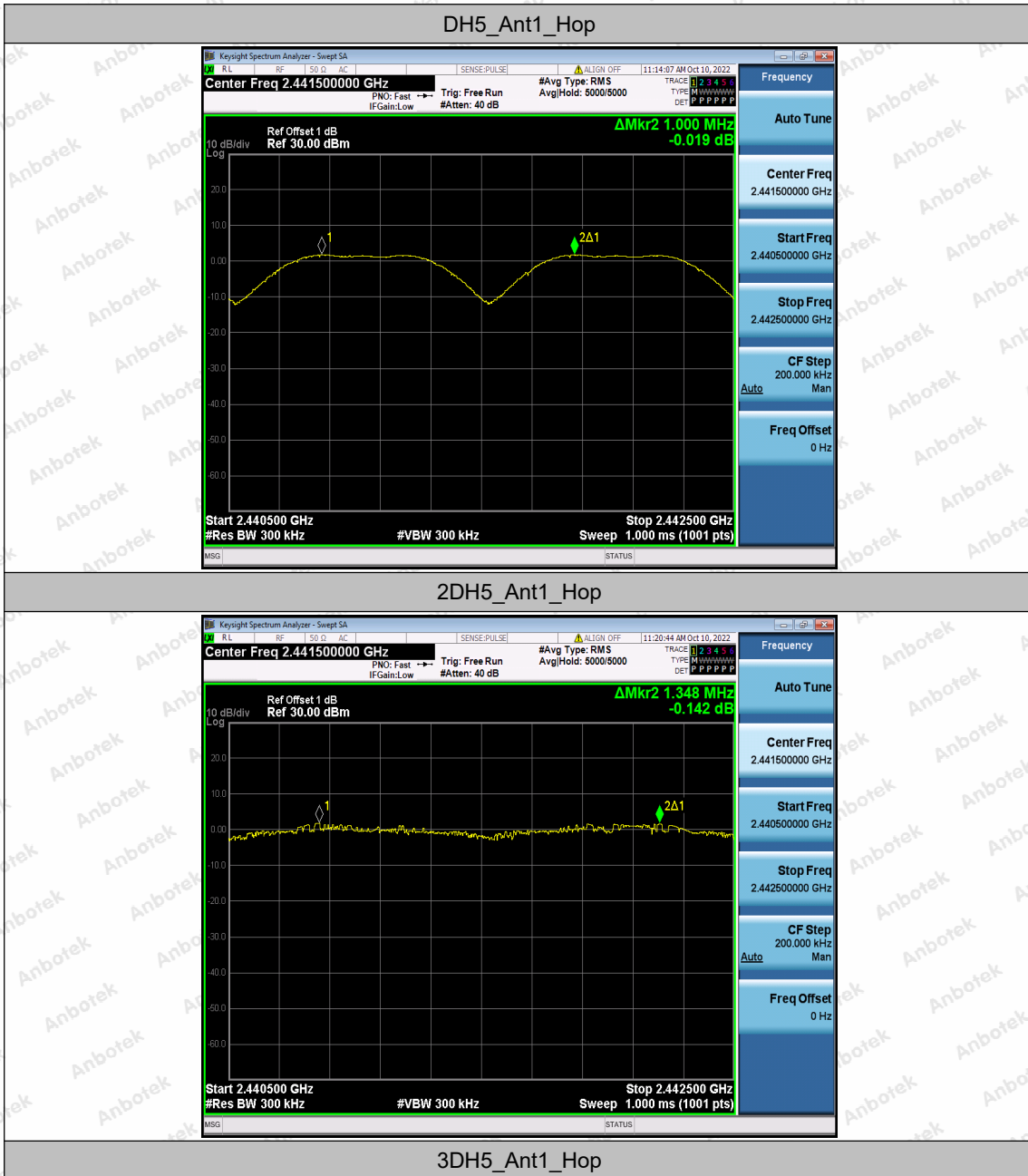
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Test Graphs



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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	0.375	314	0.118	≤0.4	PASS
DH3	Ant1	Hop	1.630	160	0.261	≤0.4	PASS
DH5	Ant1	Hop	2.878	116	0.334	≤0.4	PASS
2DH1	Ant1	Hop	0.384	318	0.122	≤0.4	PASS
2DH3	Ant1	Hop	1.637	156	0.255	≤0.4	PASS
2DH5	Ant1	Hop	2.884	110	0.317	≤0.4	PASS
3DH1	Ant1	Hop	0.385	314	0.121	≤0.4	PASS
3DH3	Ant1	Hop	1.635	156	0.255	≤0.4	PASS
3DH5	Ant1	Hop	2.885	106	0.306	≤0.4	PASS

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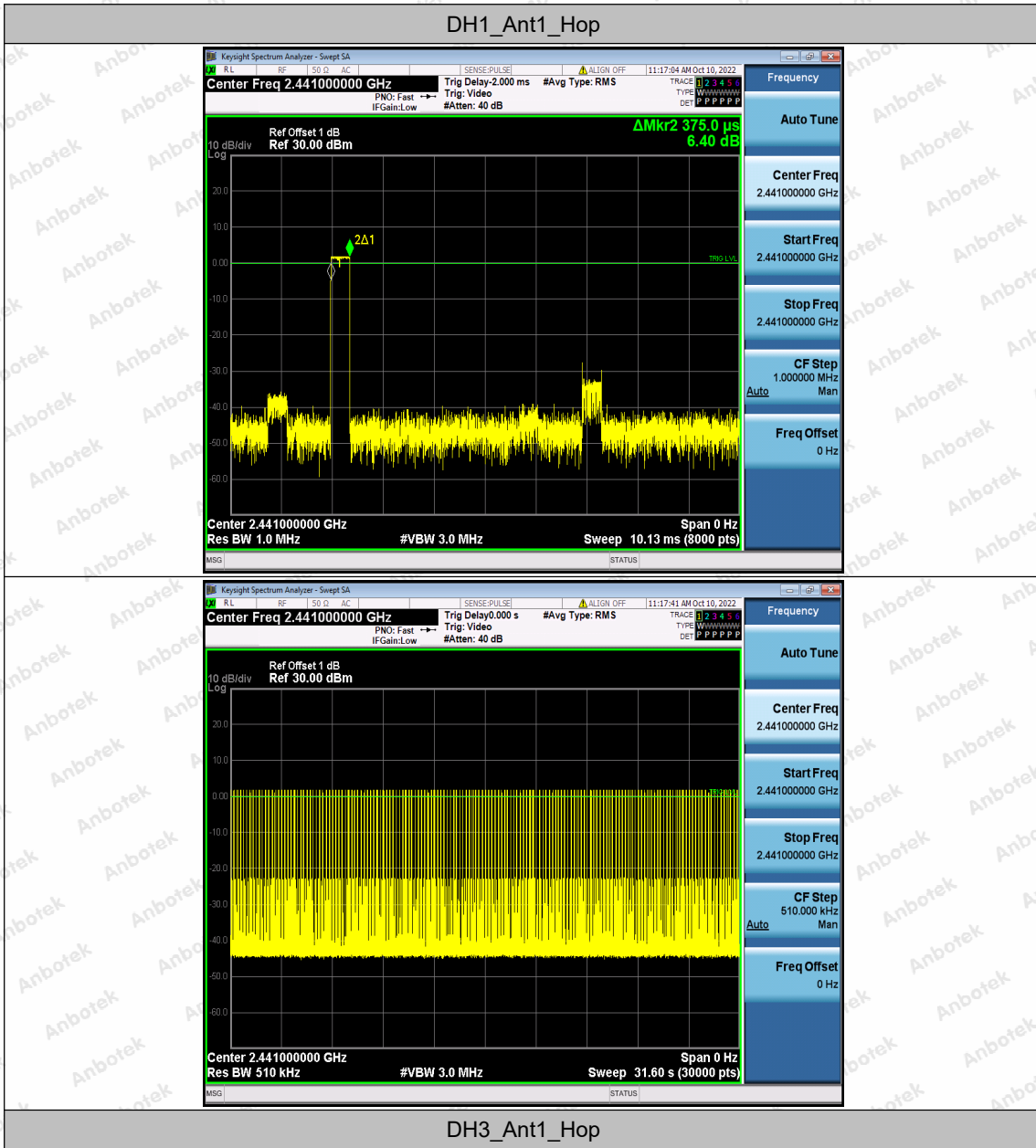
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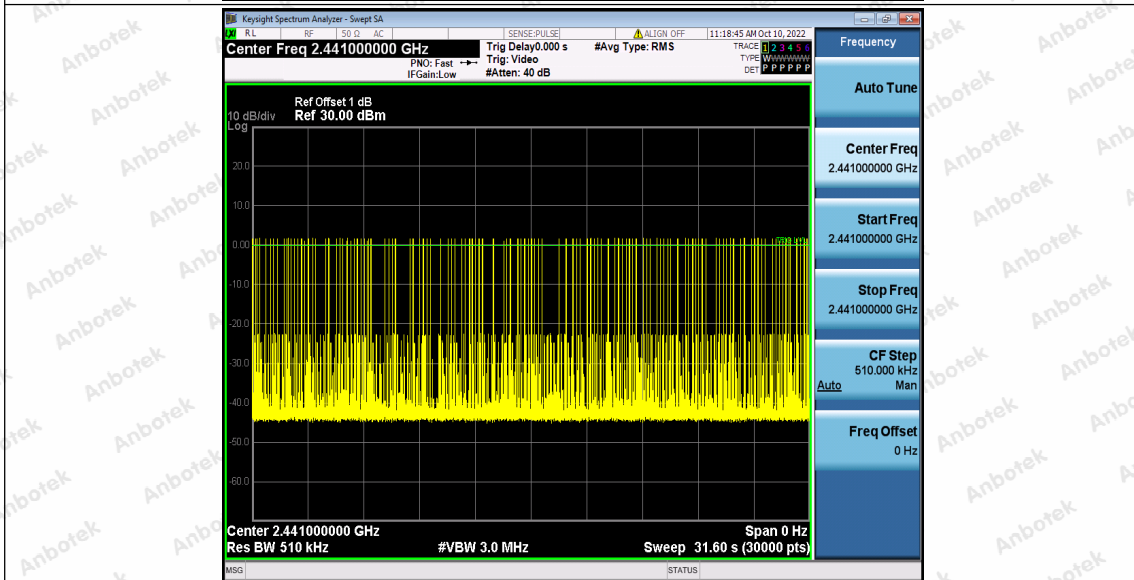
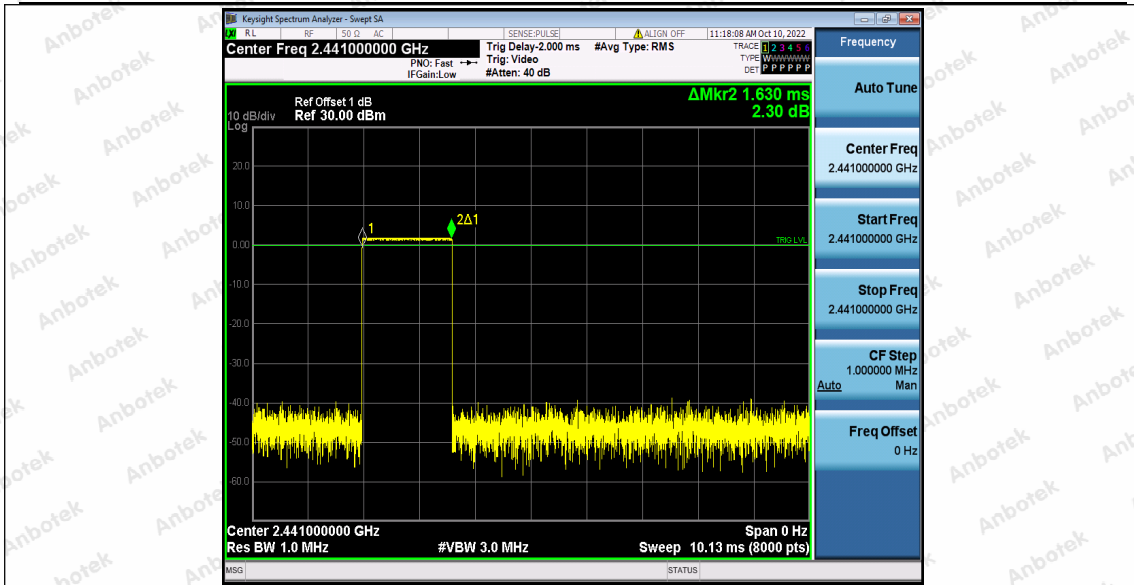


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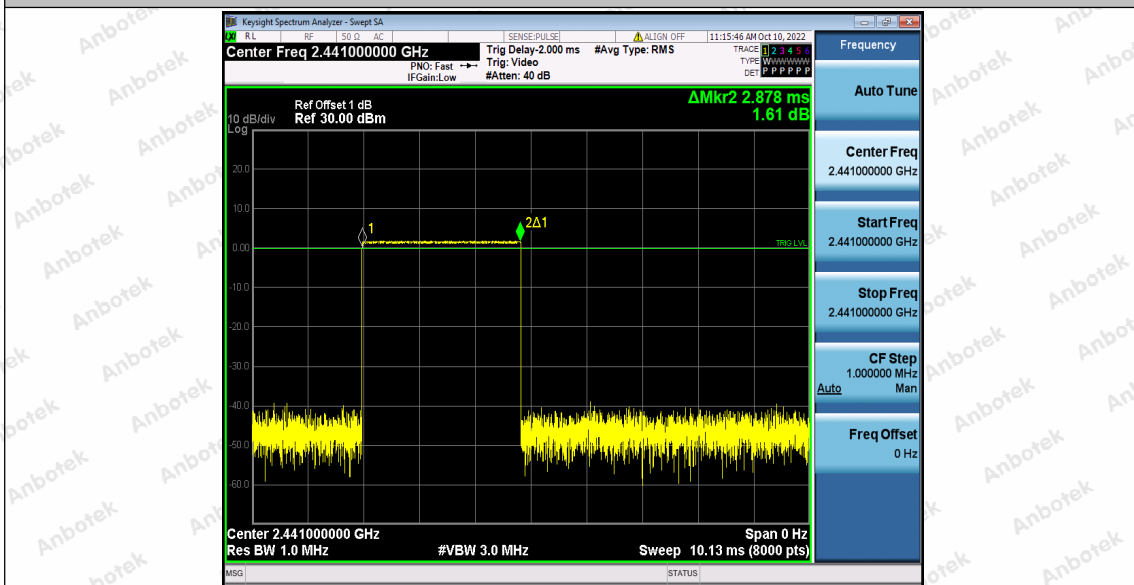
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DH5_Ant1_Hop

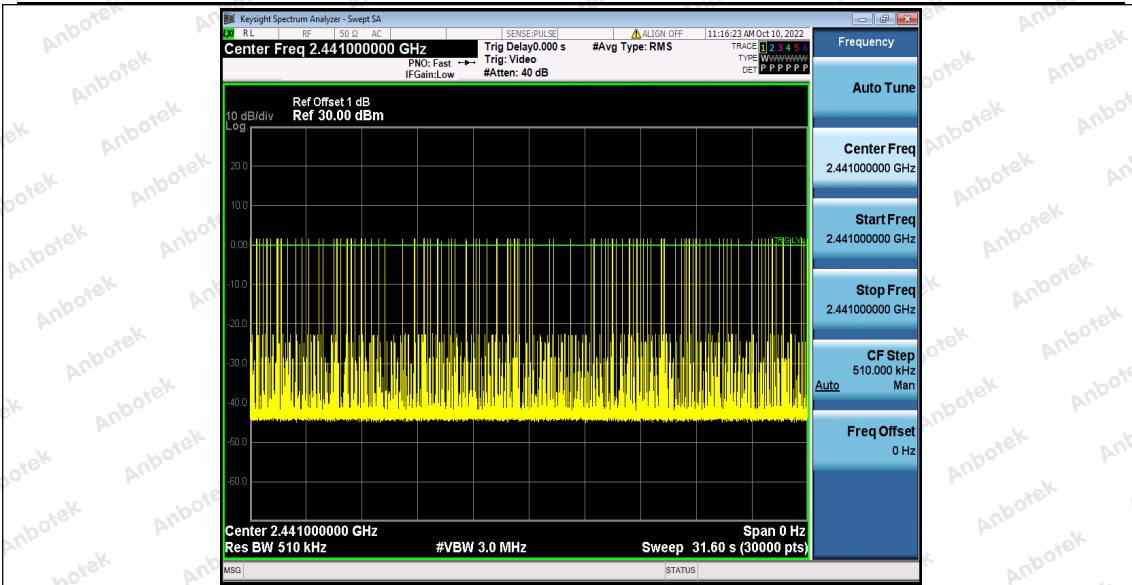


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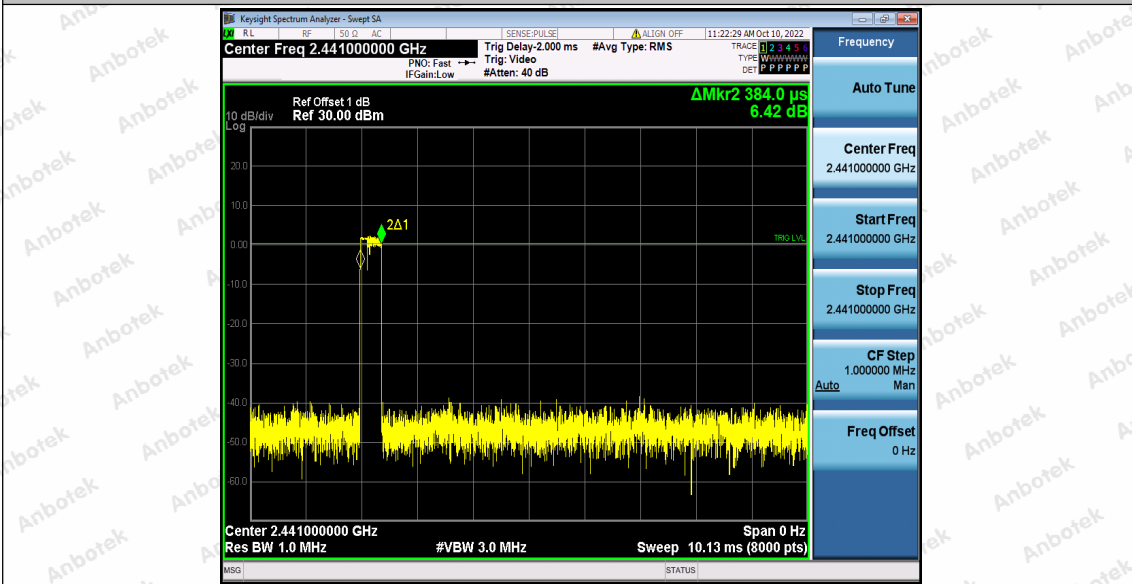
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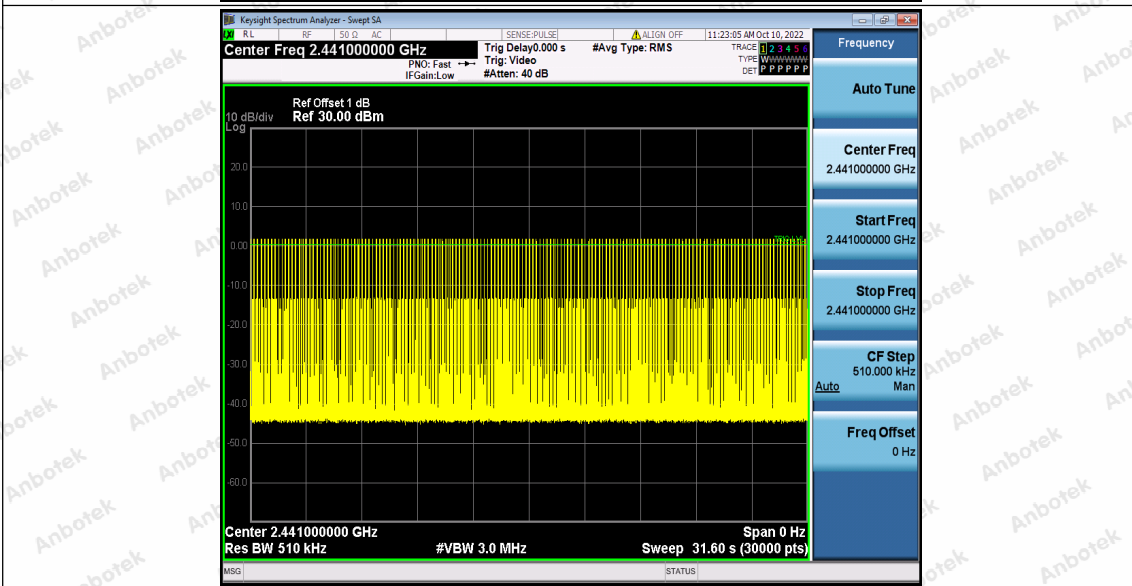




2DH1_Ant1_Hop



2DH3_Ant1_Hop

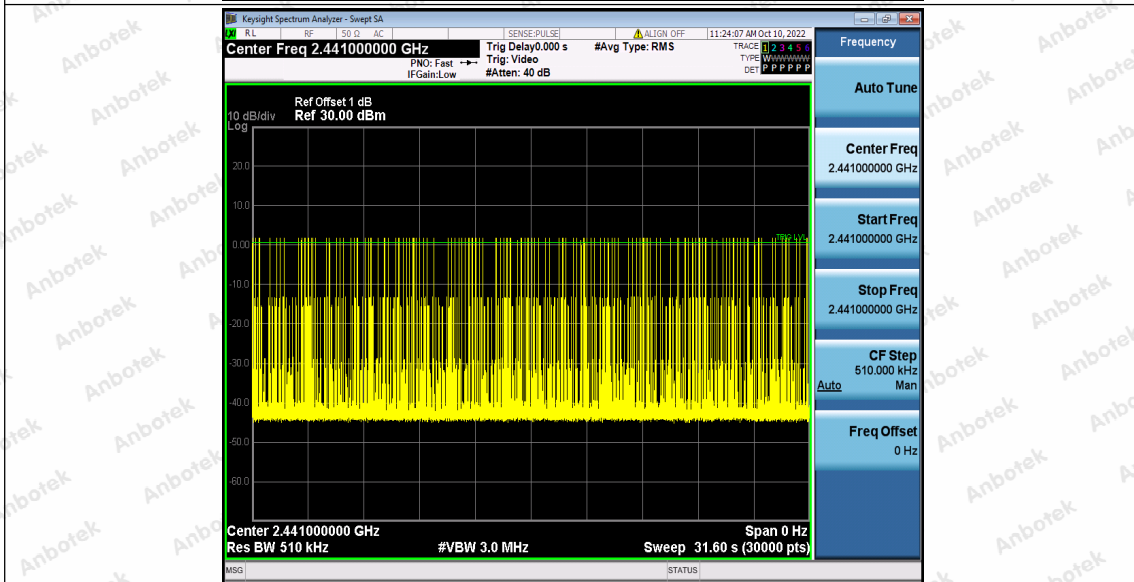
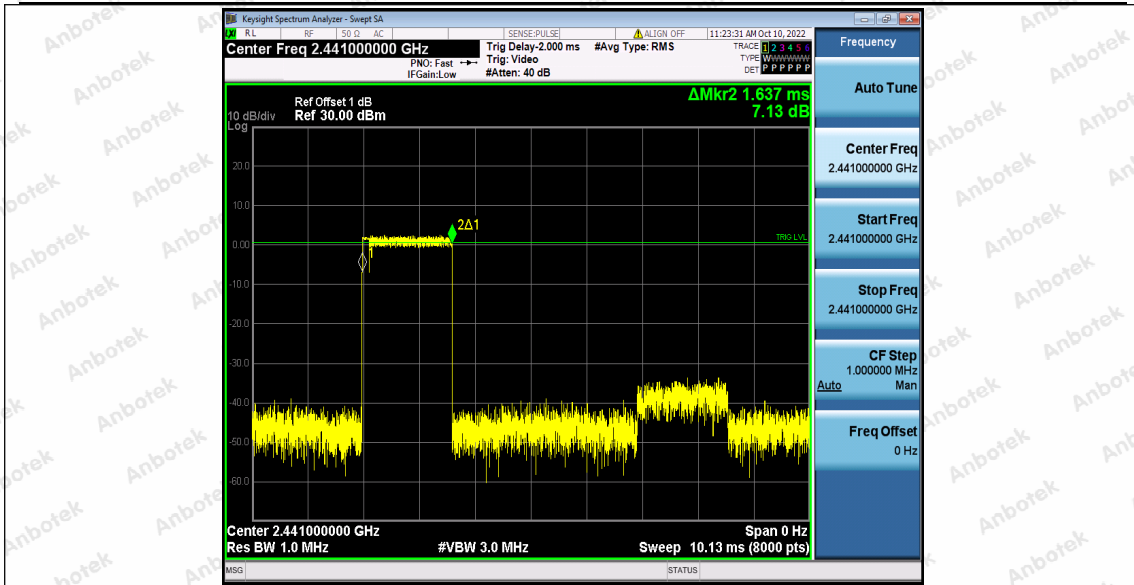


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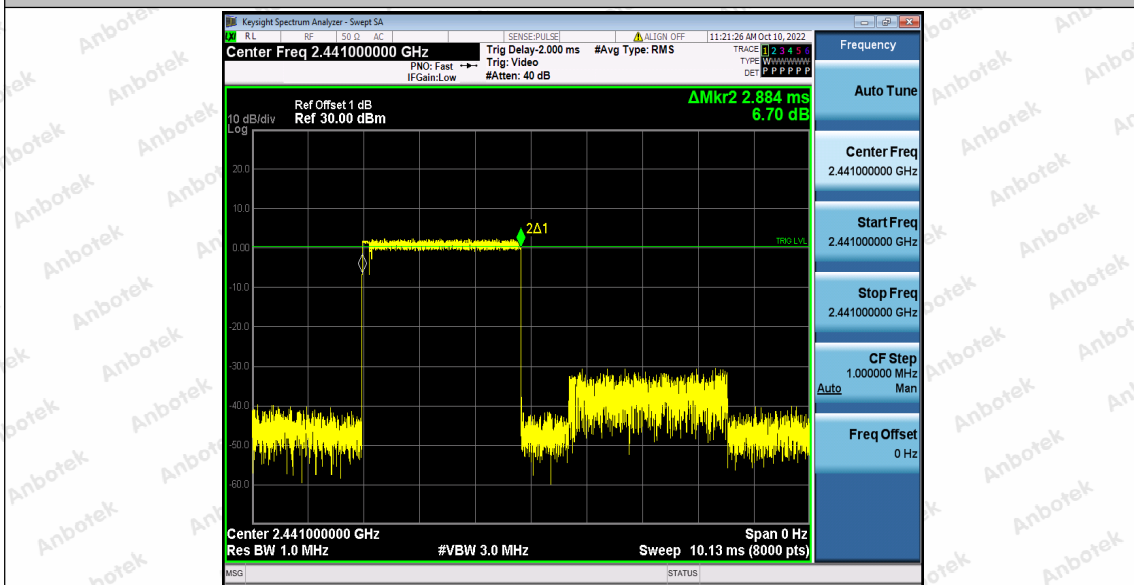
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2DH5_Ant1_Hop

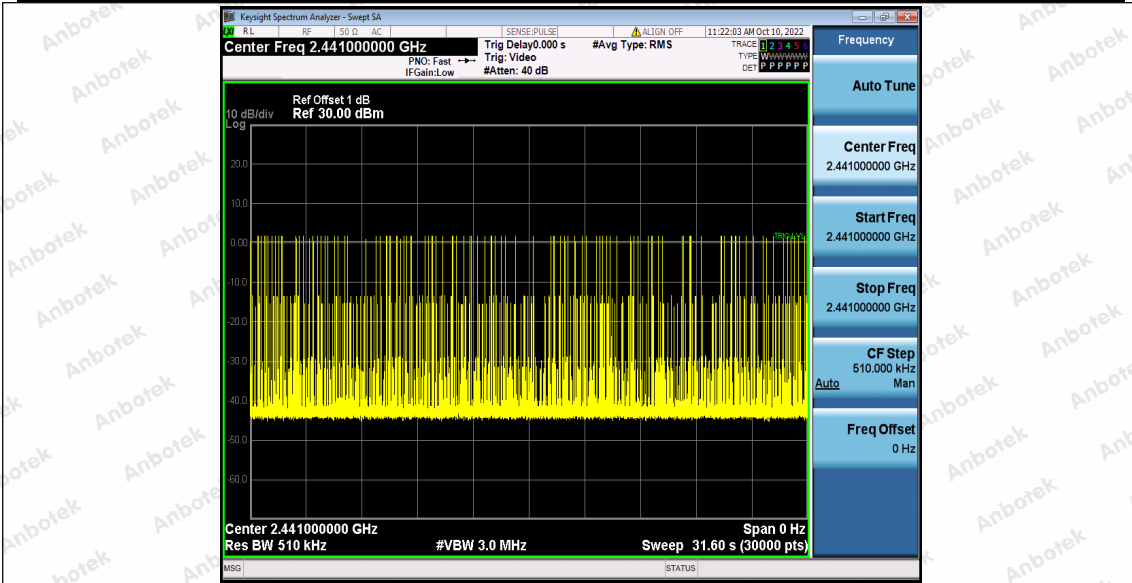


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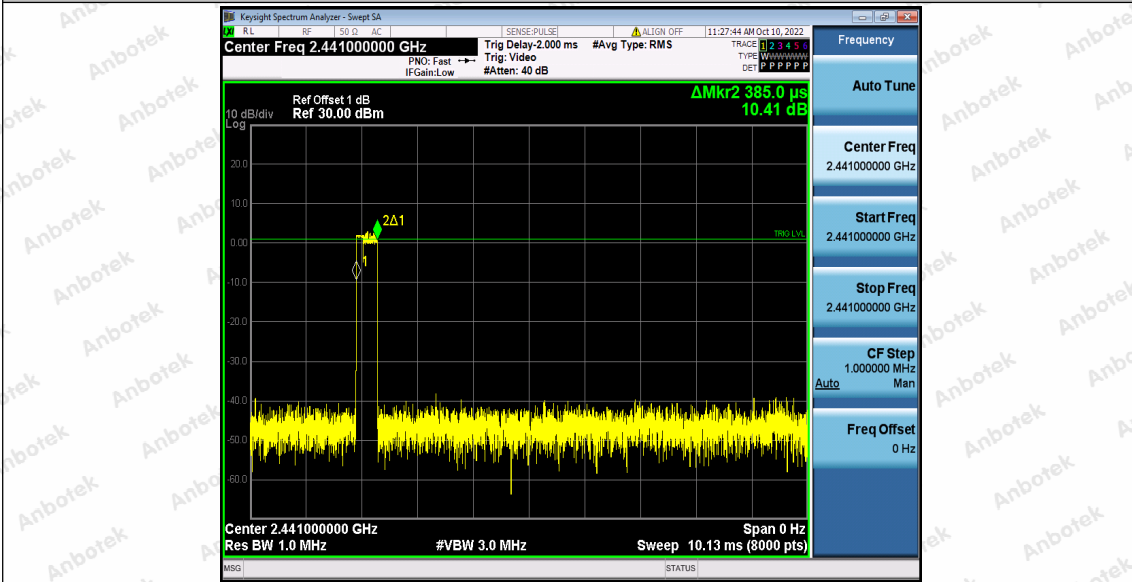
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3DH1_Ant1_Hop



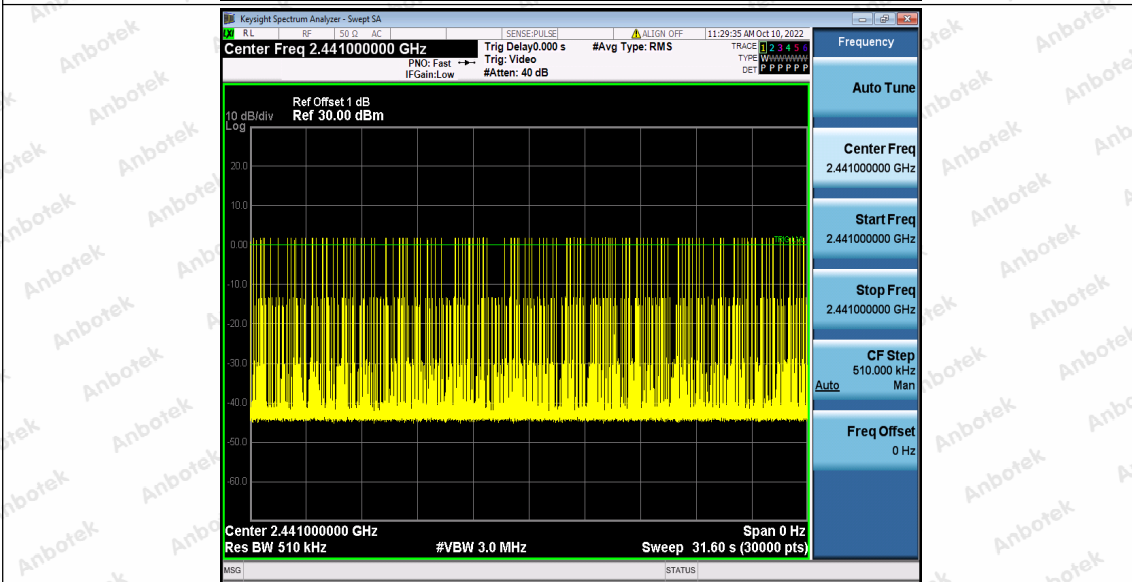
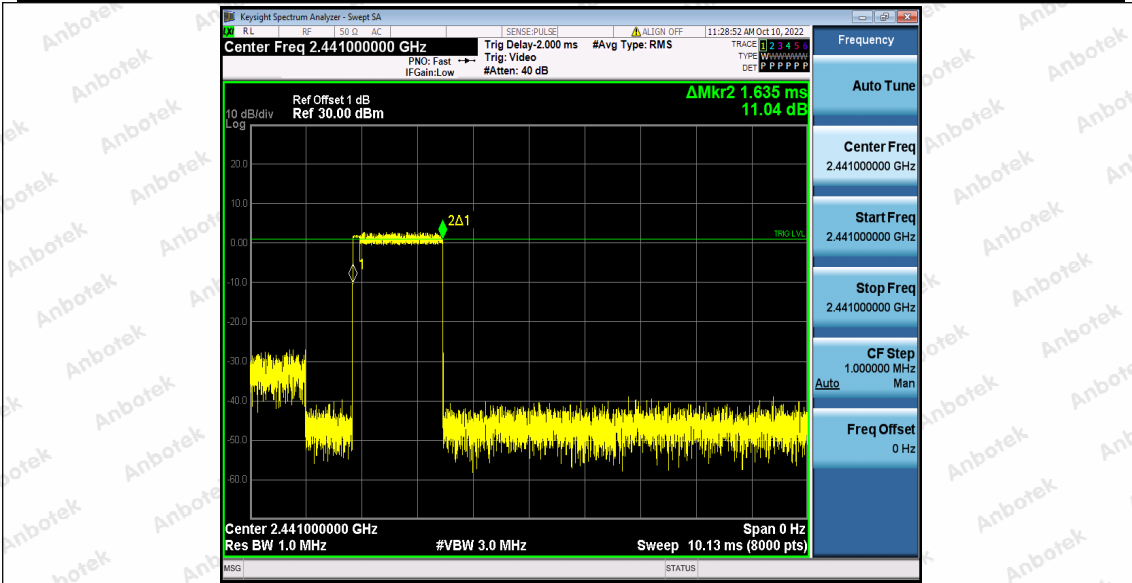
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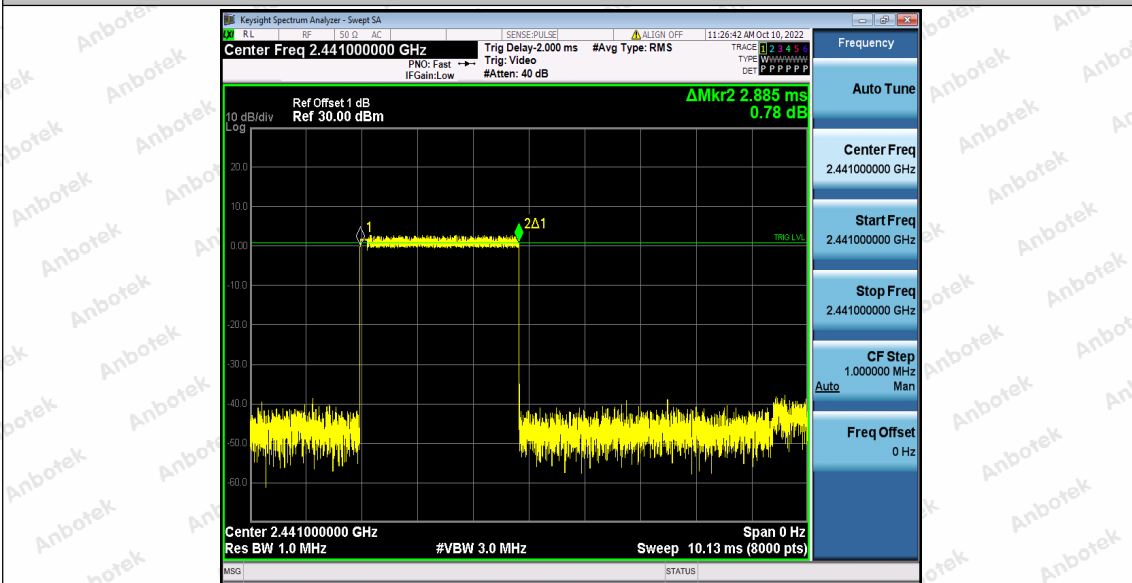
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3DH5_Ant1_Hop

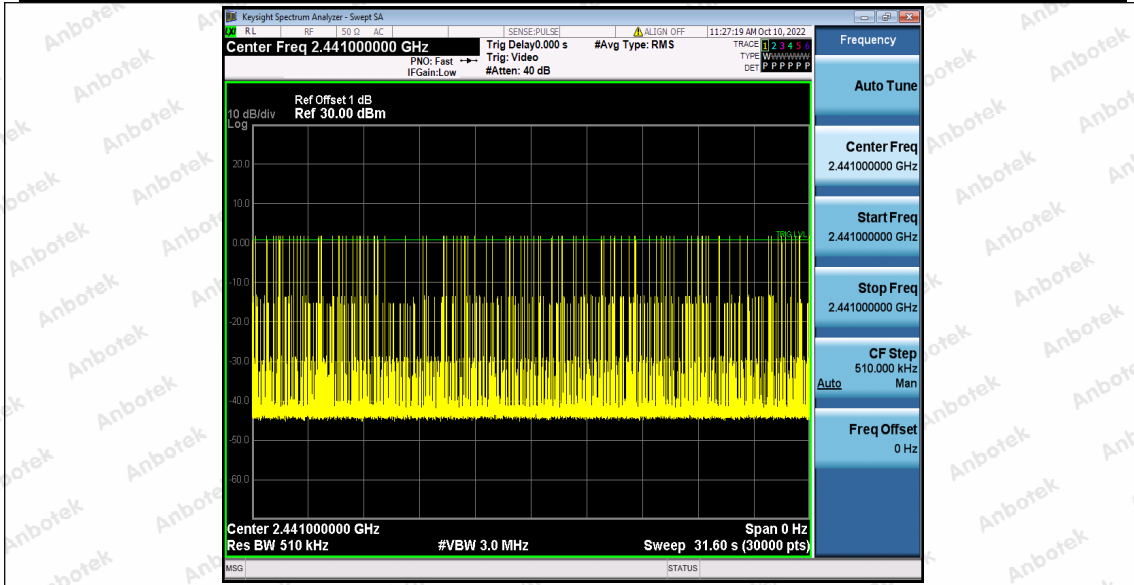


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