

Appendix Test Data

Report No.:	18220WC20161301	Test Sample No.:	1-2-2
Start Test Date:	2022.7.19	Finish Test Date:	2022.7.30
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	25.3℃	Relative Humidity:	56.5 %
Pressure:	1012 hPa		

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.951	2401.538	2402.489	---	PASS
		2441	0.939	2440.538	2441.477	---	PASS
		2480	0.948	2479.538	2480.486	---	PASS

Test Graphs

DH5_Ant1_2402



DH5_Ant1_2441



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.

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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89338	2401.55 4	2402.448	---	PASS
		2441	0.88967	2440.55 6	2441.446	---	PASS
		2480	0.89012	2479.55 5	2480.445	---	PASS

Test Graphs



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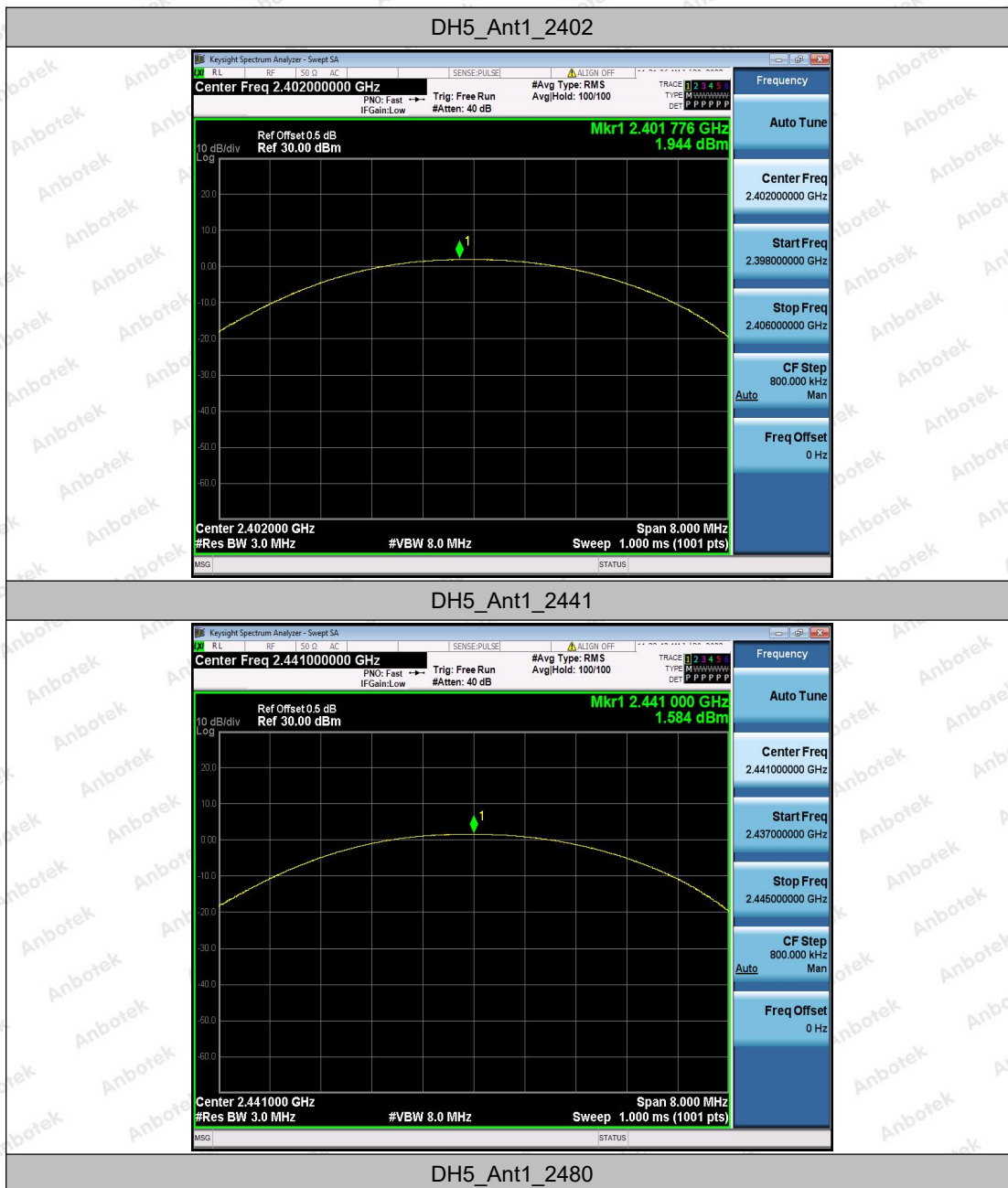
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.94	≤20.97	PASS
		2441	1.58	≤20.97	PASS
		2480	0.63	≤20.97	PASS

Test Graphs

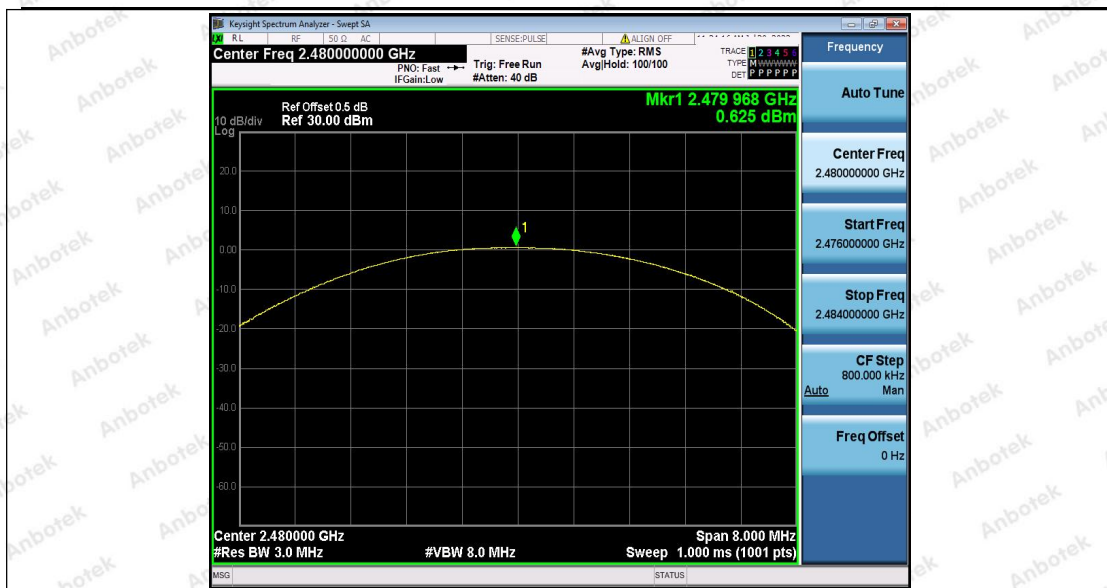


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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.042	≥0.951	PASS

Test Graphs



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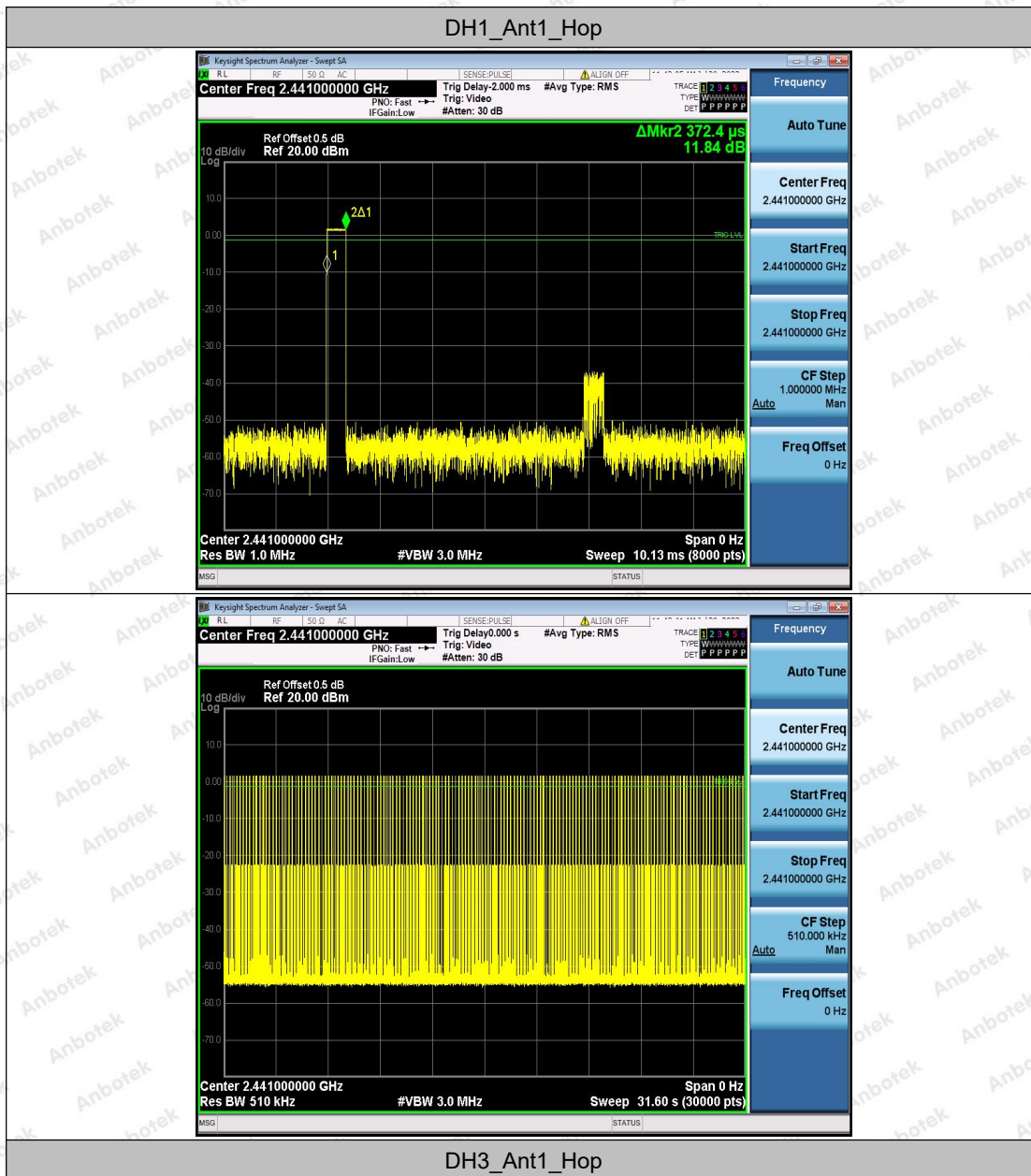
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Appendix E: Time of occupancy

Test Result

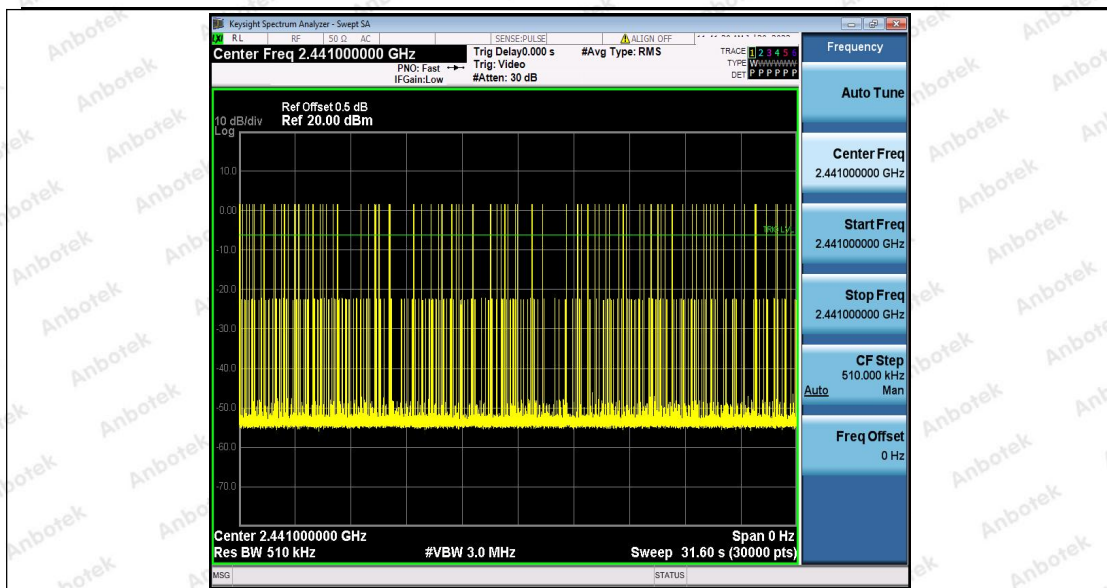
TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.37	313	0.117	≤0.4	PASS
DH3	Ant1	Hop	1.63	159	0.259	≤0.4	PASS
DH5	Ant1	Hop	2.88	102	0.293	≤0.4	PASS

Test Graphs





DH5_Ant1_Hop



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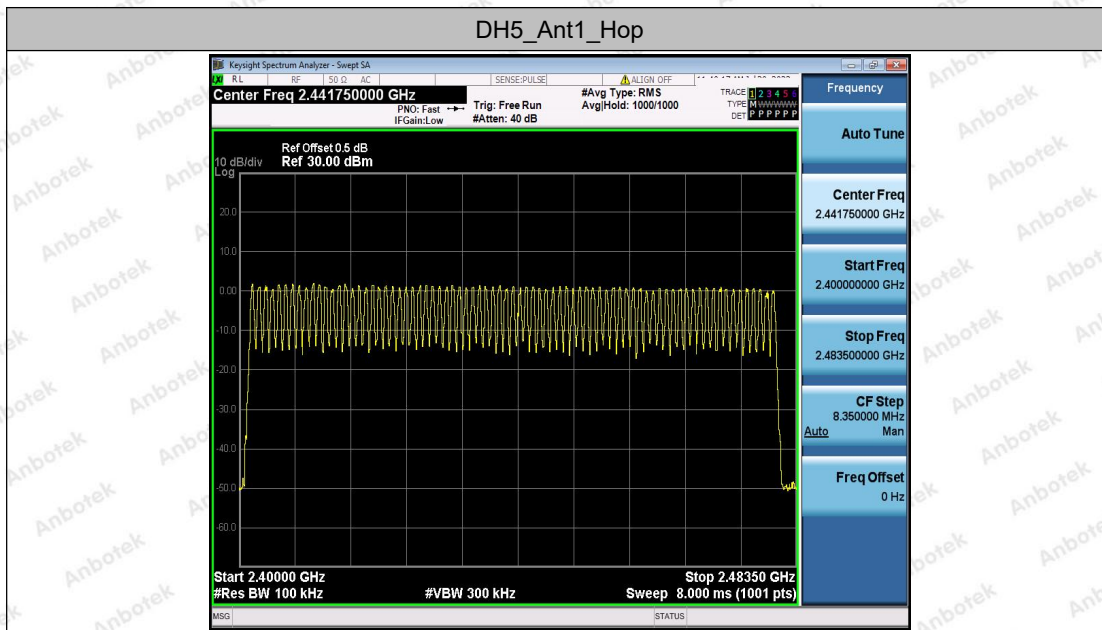
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Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS

Test Graphs



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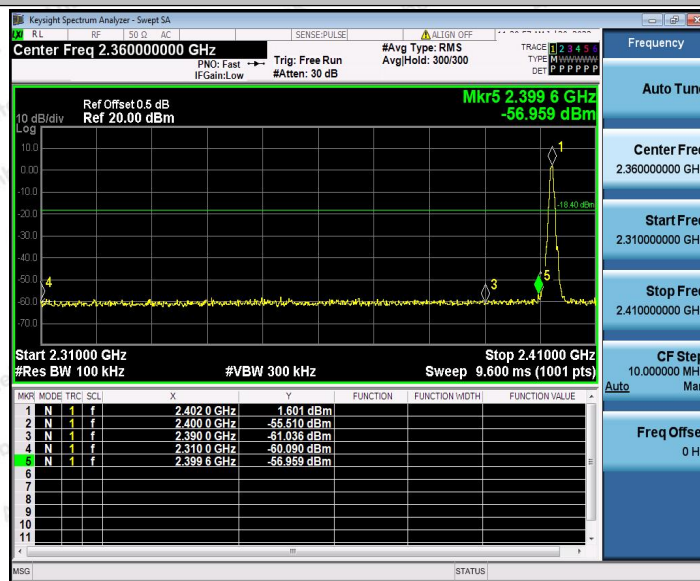
Appendix G: Band edge measurements

Test Result

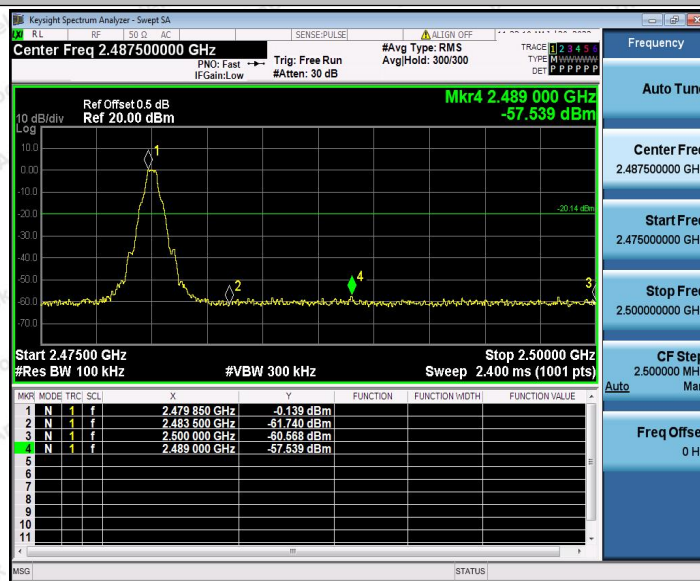
TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.60	-56.96	≤-18.4	PASS
		High	2480	-0.14	-57.54	≤-20.14	PASS
		Low	Hop	1.47	-58.06	≤-18.53	PASS
		High	Hop	0.45	-61.46	≤-19.55	PASS

Test Graphs

DH5_Ant1_Low_2402



DH5_Ant1_High_2480



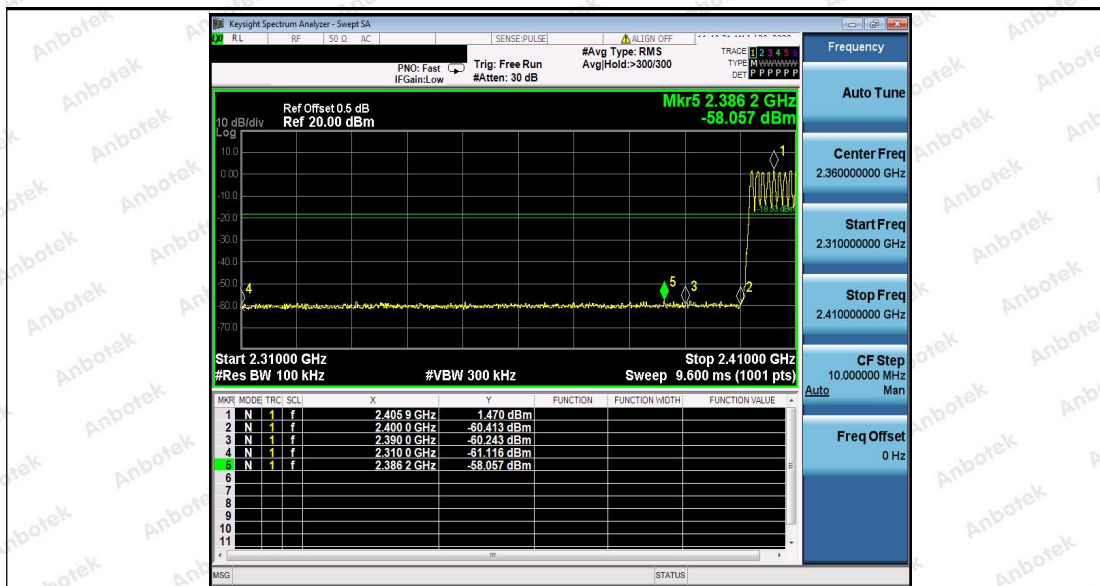
DH5_Ant1_Low_Hop

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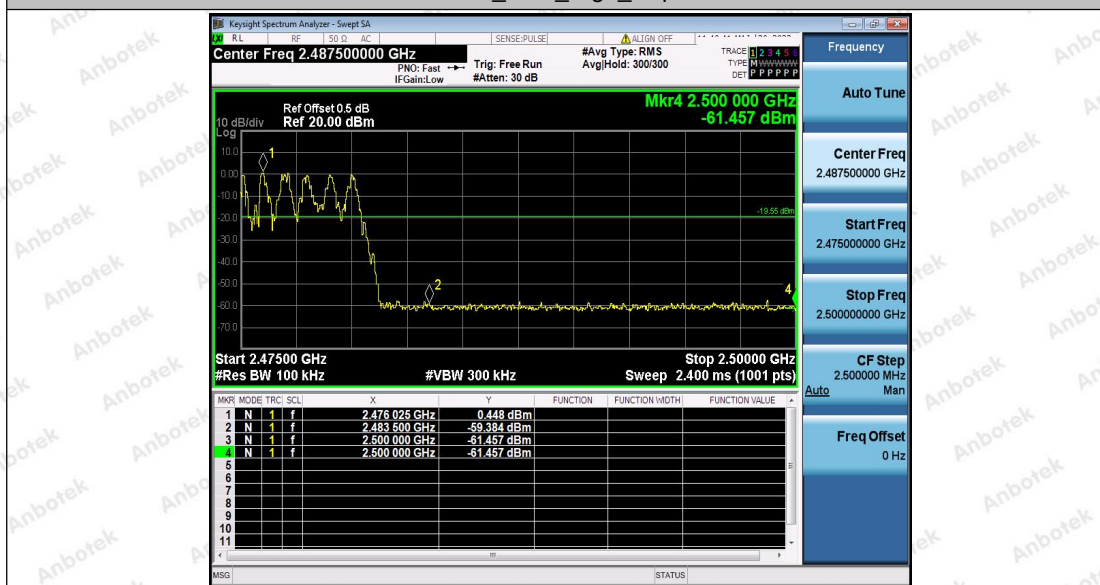
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DH5_Ant1_High_Hop



Appendix H: Conducted Spurious Emission

Test Result

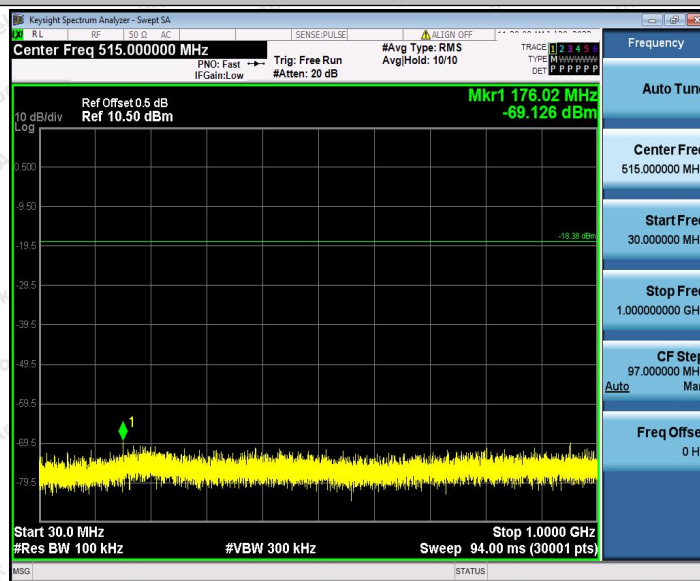
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	1.62	1.62	---	PASS
			30~1000	1.62	-69.13	≤-18.38	PASS
			1000~26500	1.62	-54.04	≤-18.38	PASS
		2441	Reference	0.85	0.85	---	PASS
			30~1000	0.85	-69.68	≤-19.15	PASS
			1000~26500	0.85	-53.63	≤-19.15	PASS
		2480	Reference	-0.50	-0.50	---	PASS
			30~1000	-0.50	-69.54	≤-20.5	PASS
			1000~26500	-0.50	-52.63	≤-20.5	PASS

Test Graphs

DH5_Ant1_2402_0~Reference



DH5_Ant1_2402_30~1000



DH5_Ant1_2402_1000~26500

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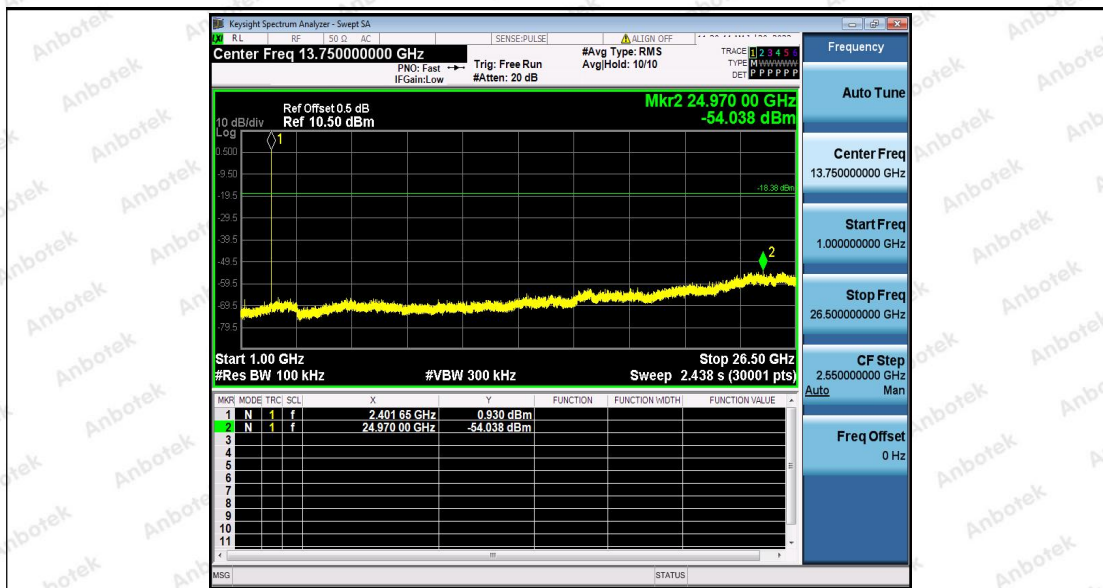
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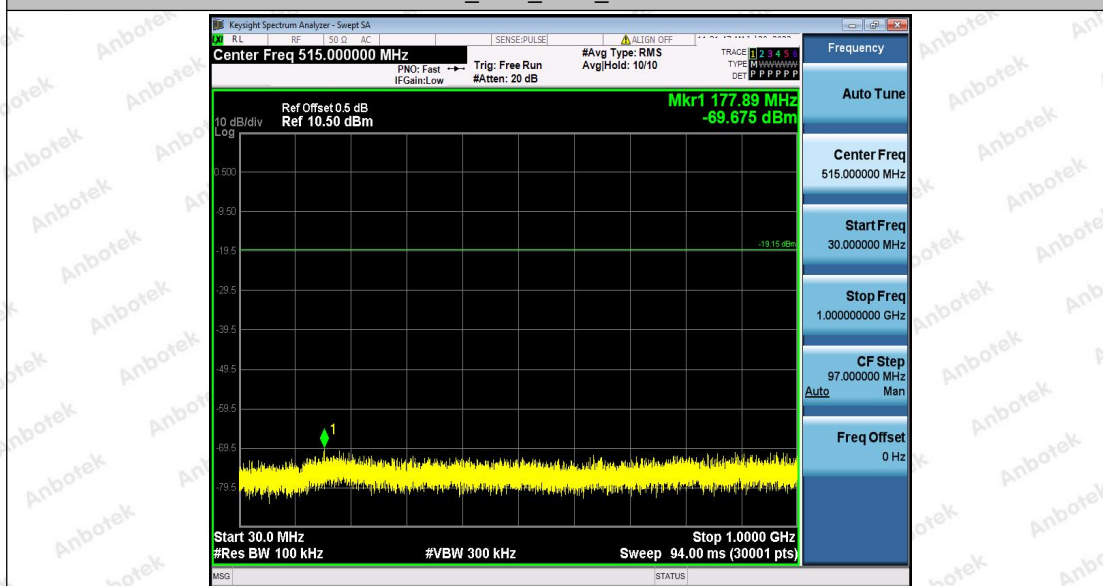
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DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



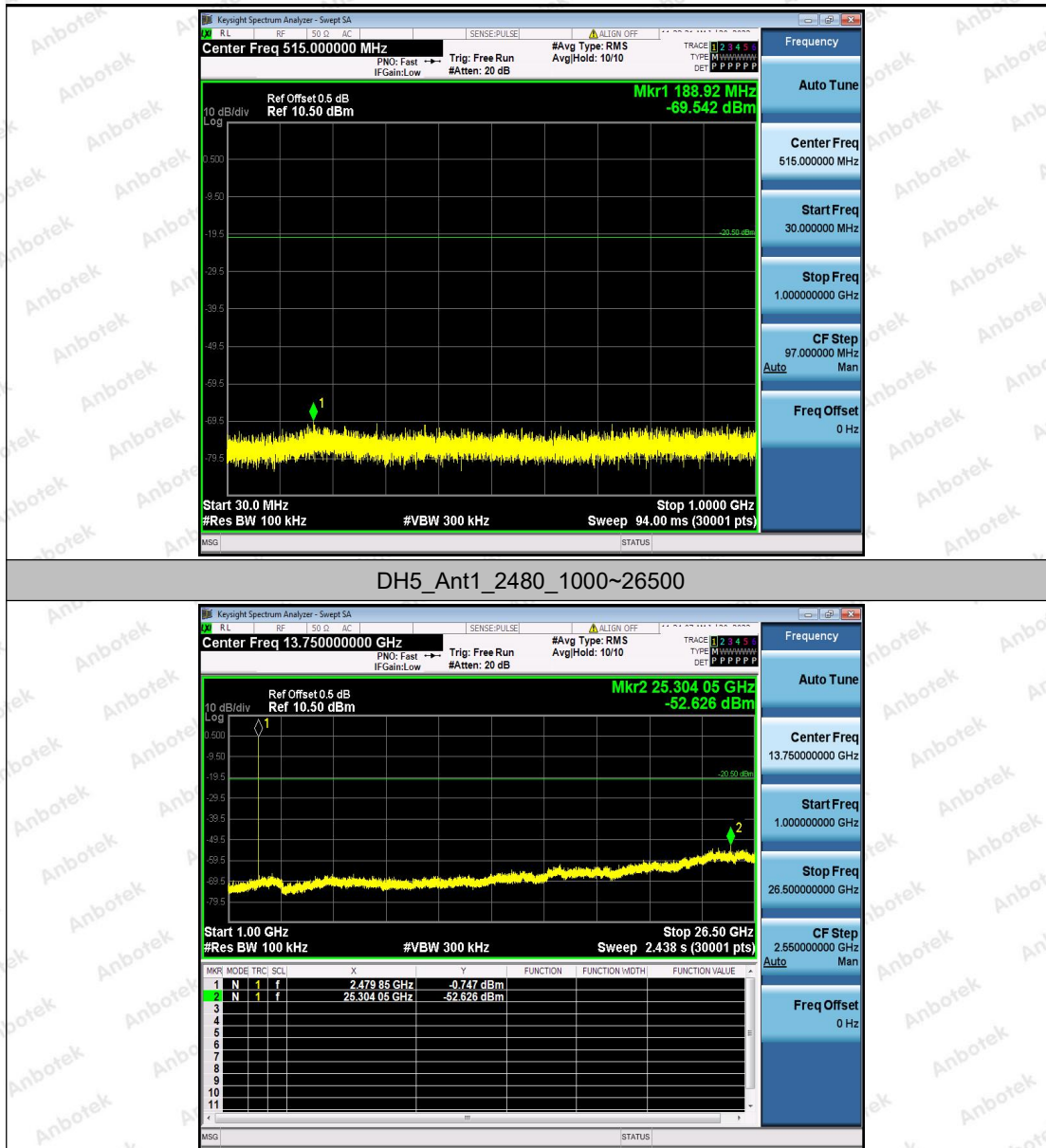
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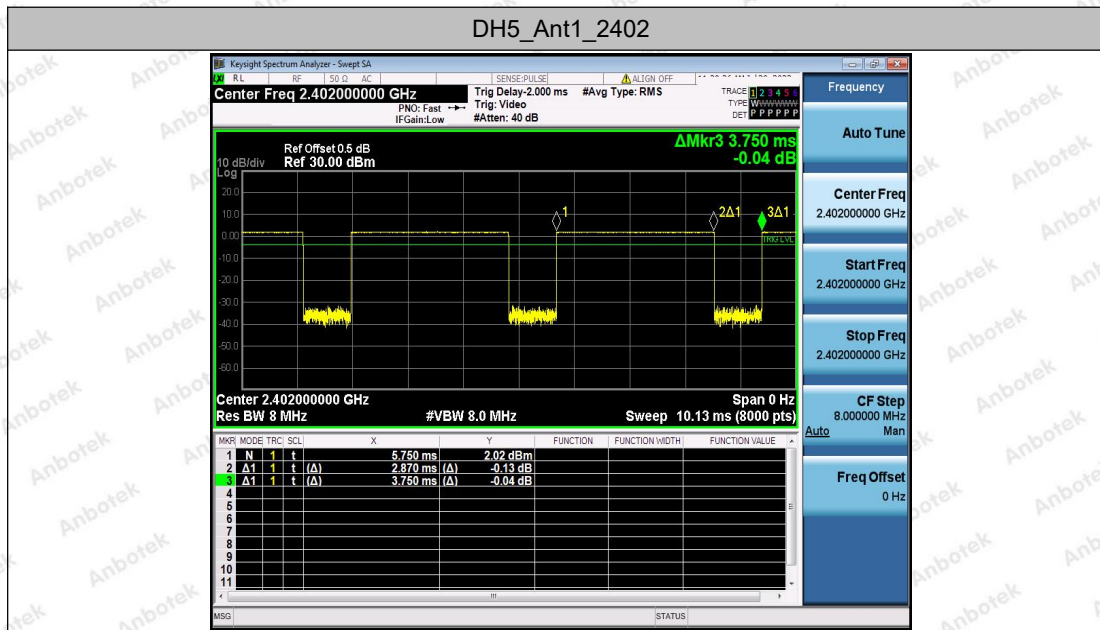
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Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2402	2.87	3.75	0.765 3	76.53	1.16	---	PASS

Test Graphs



---End---