

Appendix Test Data

Report No.:	18220WC20048302	Test Sample No.:	1-2-2
Start Test Date:	2022.3.9	Finish Test Date:	2022.3.17
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
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	2403	2.375	2401.800	2404.175	---	PASS
		2441	2.295	2439.870	2442.165	---	PASS
		2480	2.280	2478.885	2481.165	---	PASS

Test Graphs





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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	2403	2.2676	2401.83 3	2404.101	---	PASS
		2441	2.2411	2439.86 8	2442.096	---	PASS
		2480	2.2282	2478.86 4	2481.098	---	PASS

Test Graphs



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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2403	1.25	≤30	PASS
		2441	1.33	≤20.97	PASS
		2480	2.25	≤20.97	PASS

Test Graphs

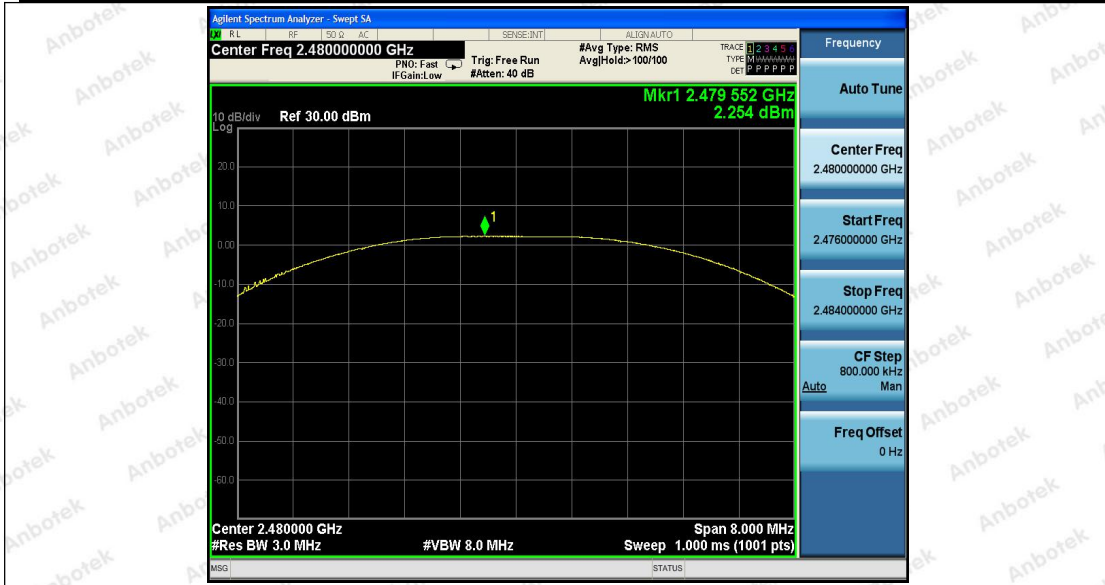


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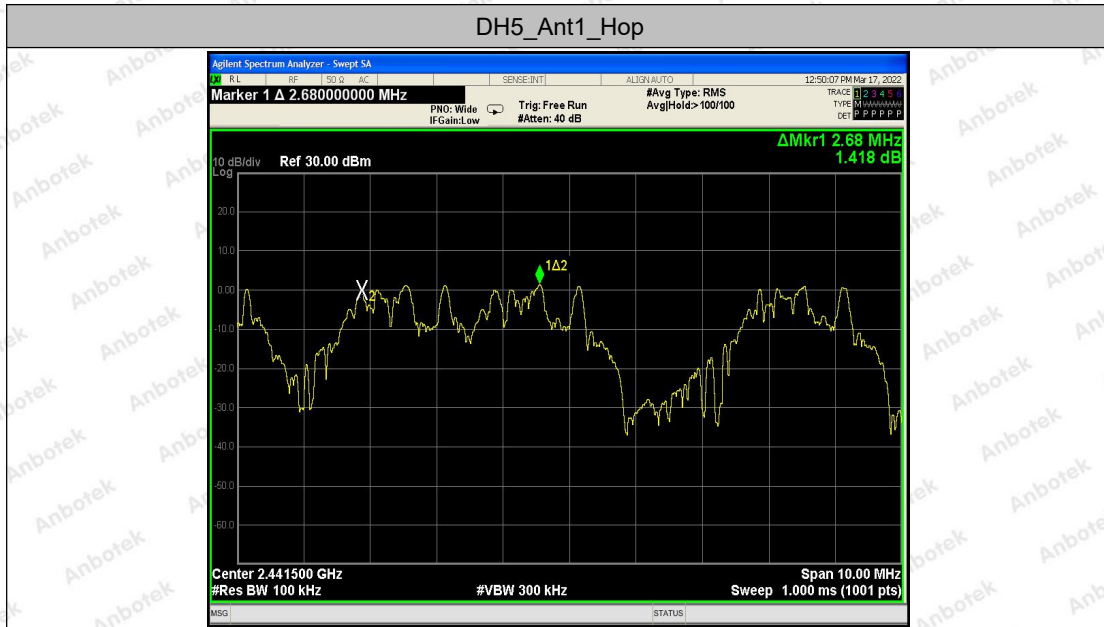
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Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	2.68	≥1.530	PASS

Test Graphs



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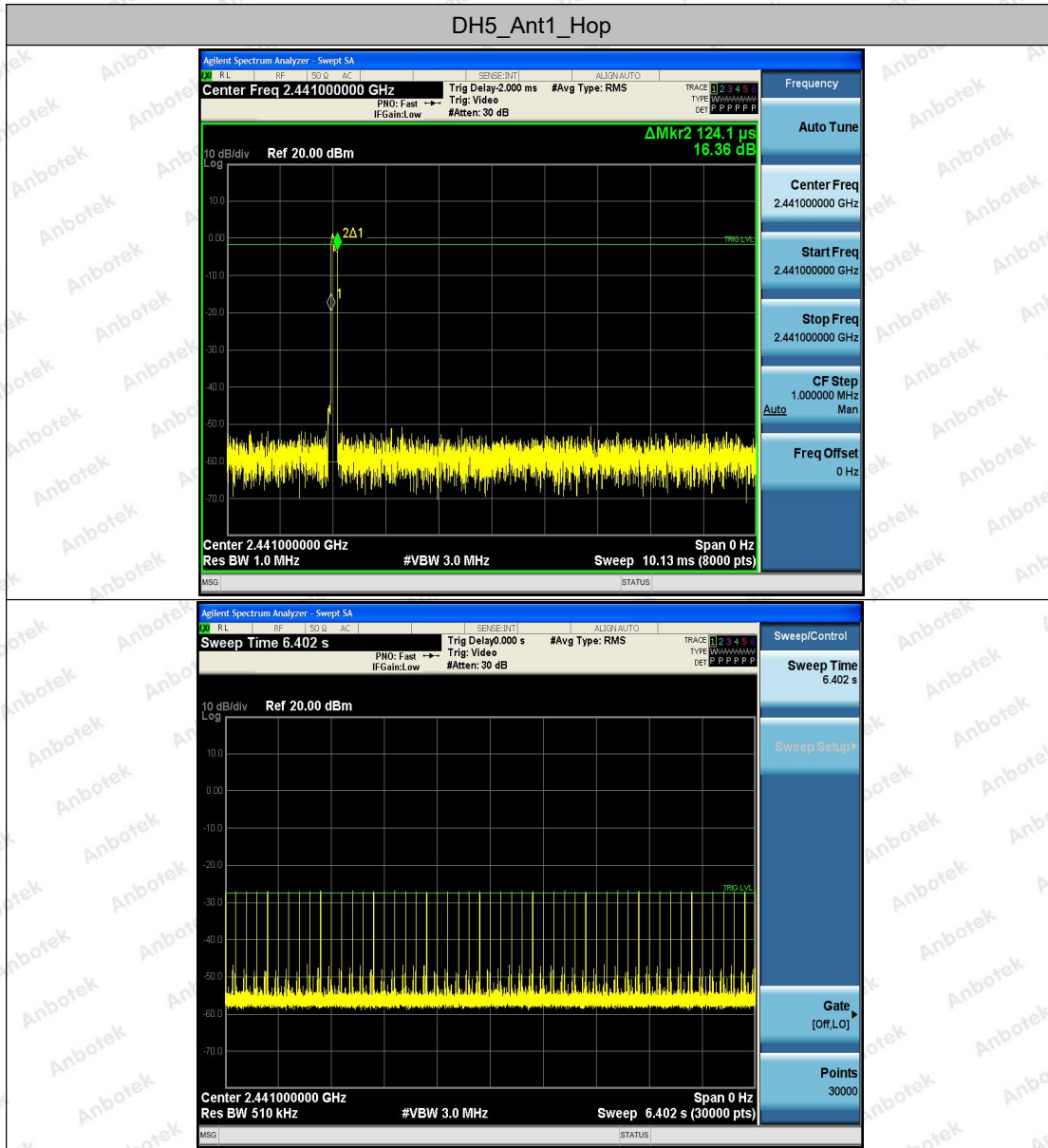
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Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	0.12	51	0.0061	≤0.4	PASS

Test Graphs



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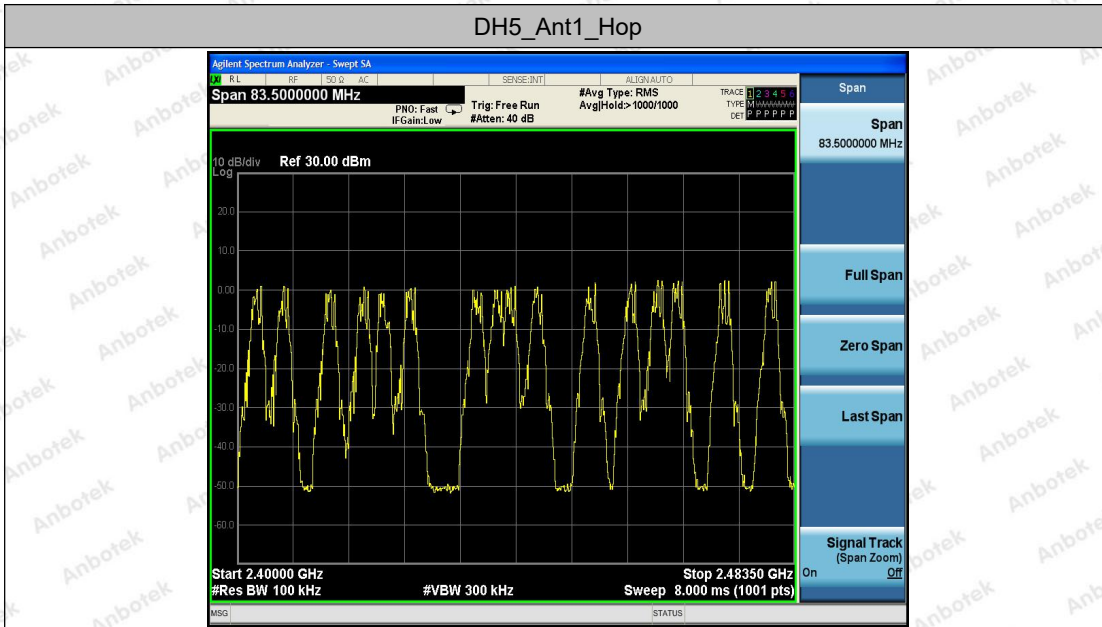
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Appendix F: Number of hopping channels

Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	16	≥15	PASS

Test Graphs



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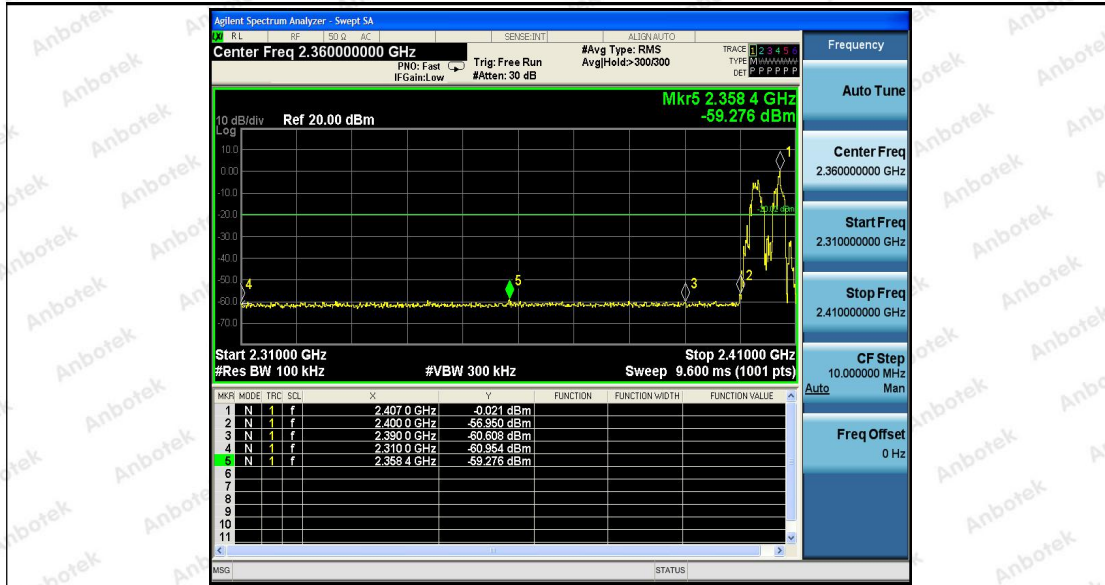
Appendix G: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2403	1.38	-54.36	≤-18.62	PASS
		High	2480	2.18	-57.5	≤-17.82	PASS
		Low	Hop	-0.02	-59.28	≤-20.02	PASS
		High	Hop	1.76	-60.46	≤-18.24	PASS

Test Graphs





DH5_Ant1_High_Hop



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Appendix H: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2403	Reference	1.43	1.43	---	PASS
			30~1000	1.43	-59.79	≤-18.57	PASS
			1000~26500	1.43	-24.9	≤-18.57	PASS
		2441	Reference	1.66	1.66	---	PASS
			30~1000	1.66	-59.76	≤-18.34	PASS
			1000~26500	1.66	-35.64	≤-18.34	PASS
		2480	Reference	1.80	1.80	---	PASS
			30~1000	1.80	-59.96	≤-18.2	PASS
			1000~26500	1.80	-32.23	≤-18.2	PASS

Test Graphs

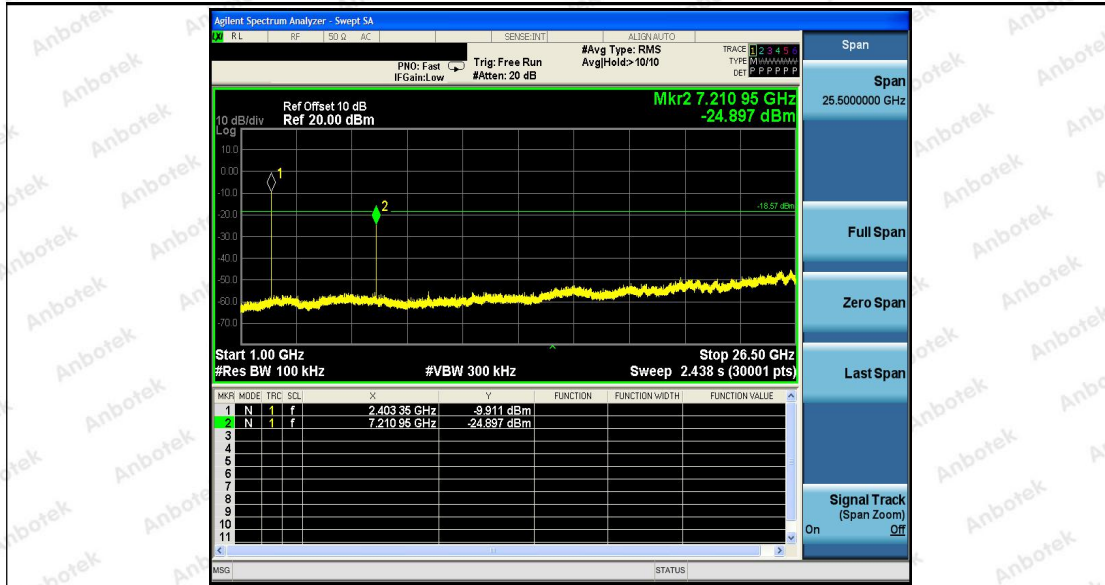


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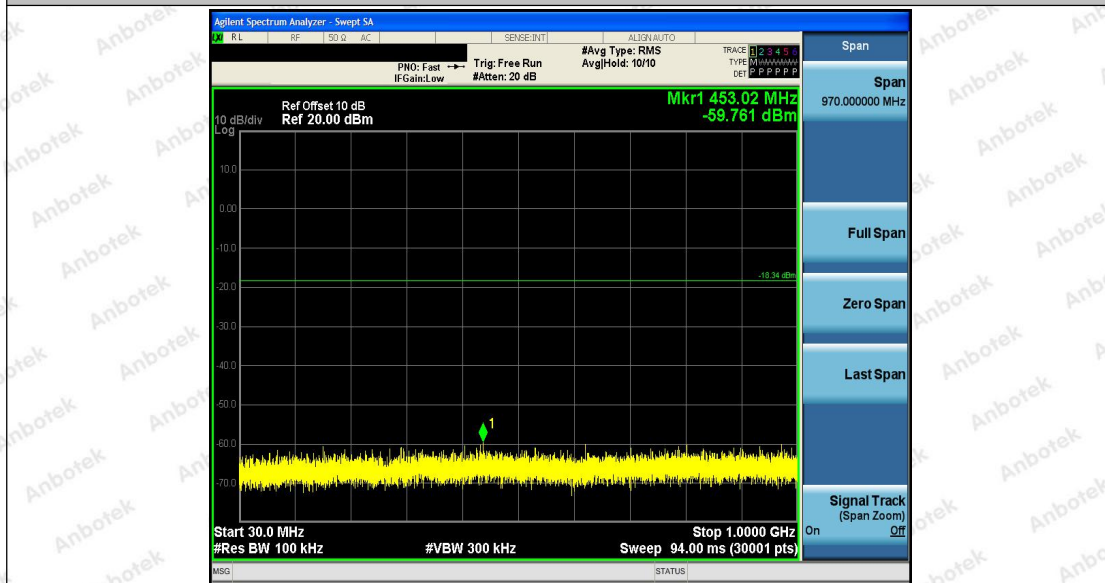
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DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000



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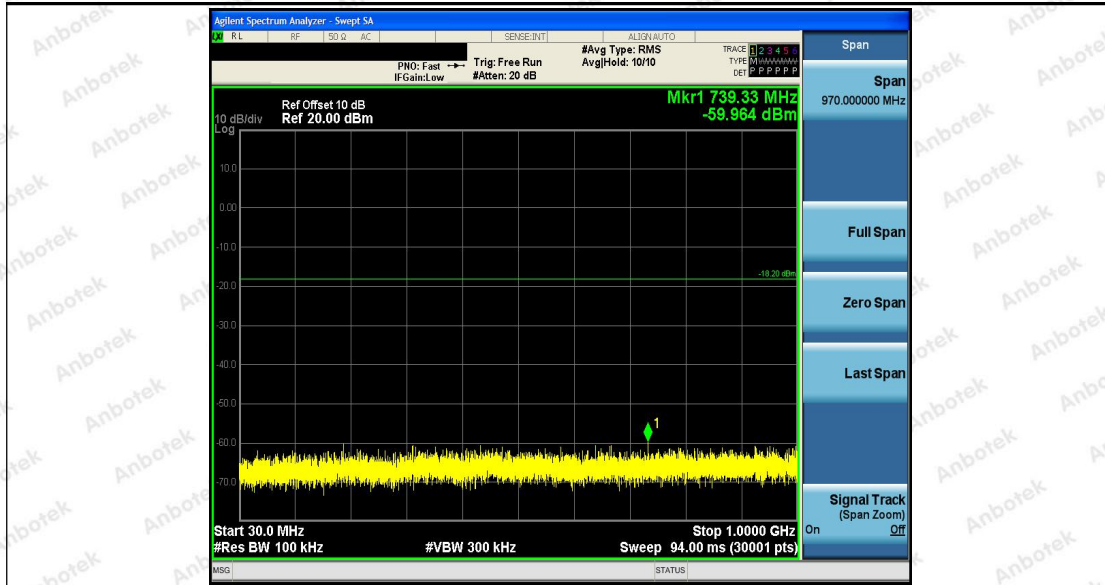


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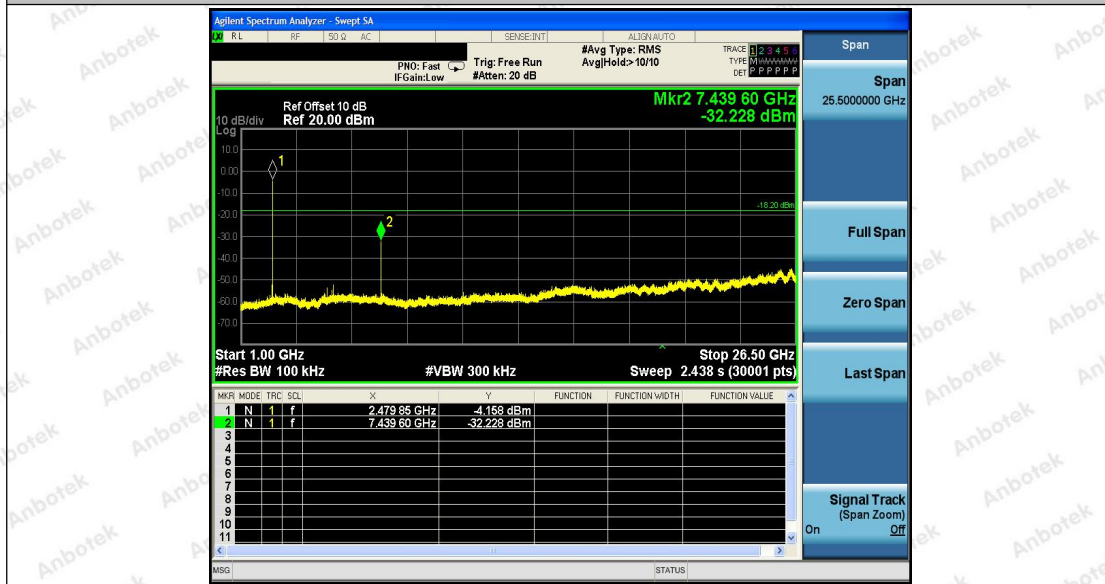
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DH5_Ant1_2480_1000~26500



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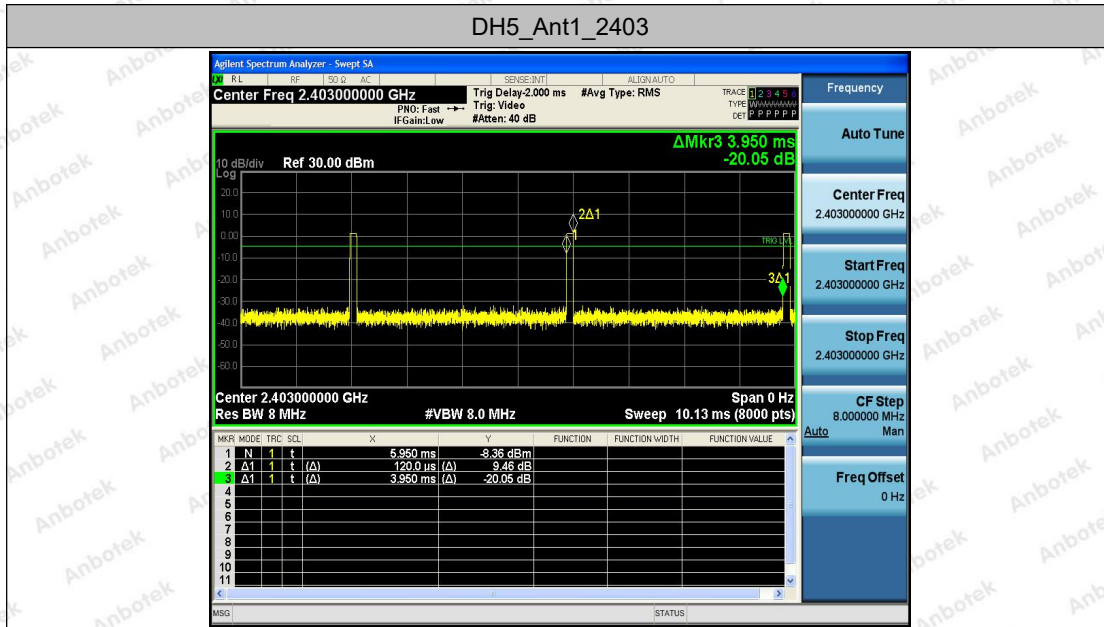
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Appendix I: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
DH5	Ant1	2403	0.12	3.95	0.0304	3.04	15.17	---	PASS

Test Graphs



---End---