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Appendix Test Data

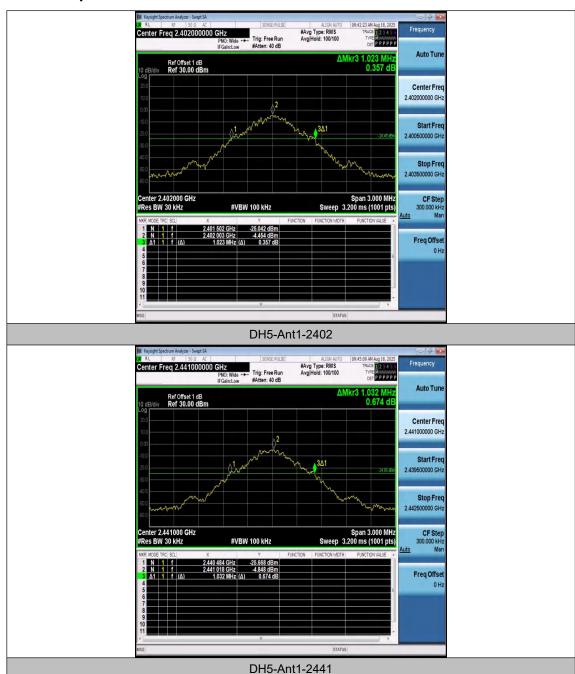
Report No.:	1819C50089912501	Test Sample No.:	1-2-2
Start Test Date:	2025-08-18	Finish Test Date:	2025-08-18
Test Engineer:	Alex Reng	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	55%
Pressure:	101kPa		

Appendix A: 20dB Bandwidth

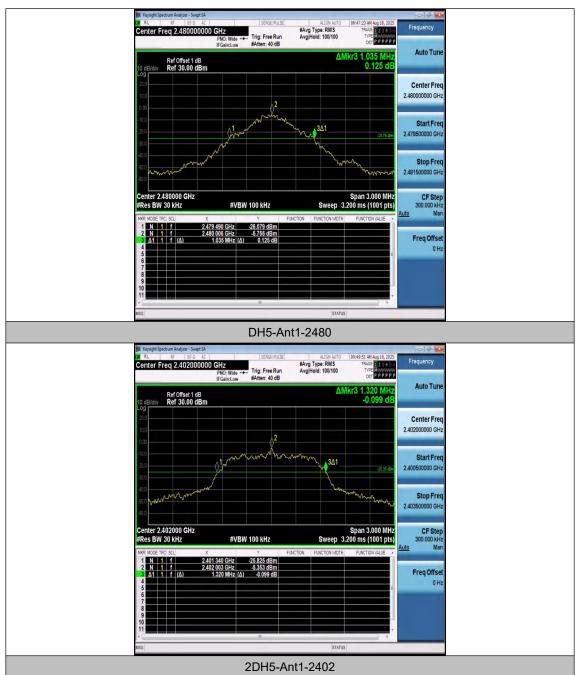
Test Result

Test	Antonno	Frequency	20db	E1 [NALI=1		1 :: tFN 41 1-1	\/a naliat
Mode	Antenna	[MHz]	EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.023	2401.502	2402.525		
DH5	Ant1	2441	1.032	2440.484	2441.516		
DH5	Ant1	2480	1.035	2479.490	2480.525		
2DH5	Ant1	2402	1.320	2401.340	2402.660		
2DH5	Ant1	2441	1.317	2440.346	2441.663		
2DH5	Ant1	2480	1.326	2479.343	2480.669		
3DH5	Ant1	2402	1.281	2401.355	2402.636		
3DH5	Ant1	2441	1.293	2440.355	2441.648		
3DH5	Ant1	2480	1.269	2479.379	2480.648		





















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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.91194	2401.5458	2402.4578		
DH5	Ant1	2441	0.94051	2440.5333	2441.4738		
DH5	Ant1	2480	0.92324	2479.5428	2480.4661		
2DH5	Ant1	2402	1.2244	2401.3969	2402.6213		
2DH5	Ant1	2441	1.2043	2440.4050	2441.6093		
2DH5	Ant1	2480	1.2123	2479.4041	2480.6164		
3DH5	Ant1	2402	1.2048	2401.4004	2402.6052		
3DH5	Ant1	2441	1.1935	2440.4143	2441.6078		
3DH5	Ant1	2480	1.1987	2479.4082	2480.6069		

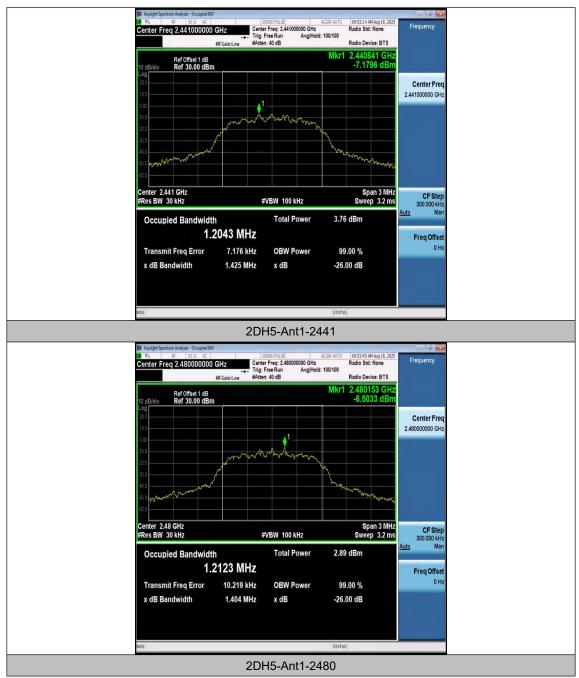




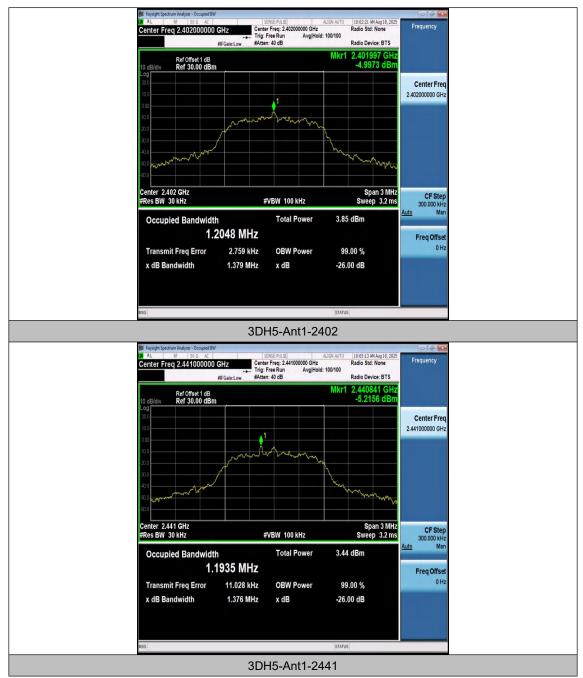




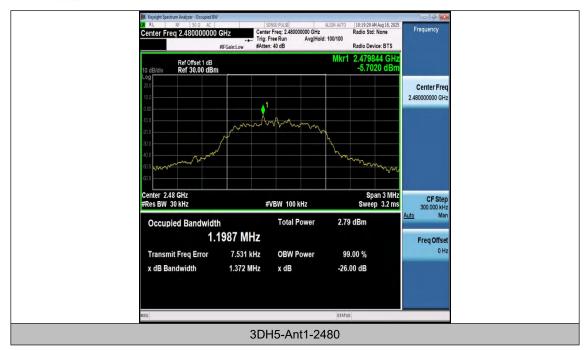












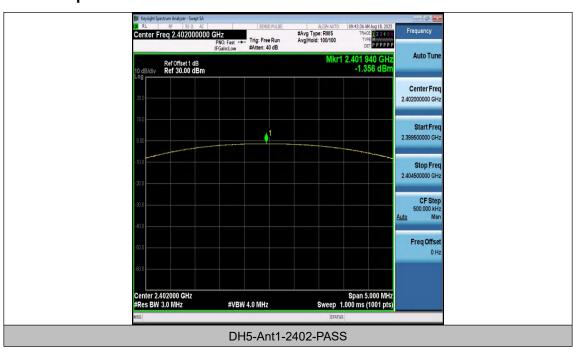


Appendix C: Maximum Conducted Output Power

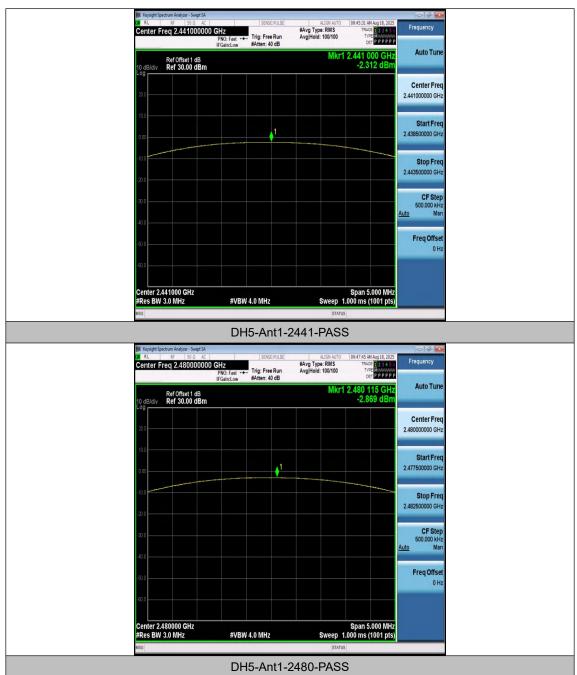
Test Result Peak

Test	Antenna	Frequency[MHz]	Conducted Peak	Conducted	Verdict	
Mode	Antenna	Frequency[ivii iz]	Power[dBm]	Limit[dBm]	verdict	
DH5	Ant1	2402	-1.36	≤20.97	PASS	
DH5	Ant1	2441	-2.31	≤20.97	PASS	
DH5	Ant1	2480	-2.87	≤20.97	PASS	
2DH5	Ant1	2402	-1.04	≤20.97	PASS	
2DH5	Ant1	2441	-1.53	≤20.97	PASS	
2DH5	Ant1	2480	-2.12	≤20.97	PASS	
3DH5	Ant1	2402	-1.03	≤20.97	PASS	
3DH5	Ant1	2441	-1.60	≤20.97	PASS	
3DH5	Ant1	2480	-2.00	≤20.97	PASS	

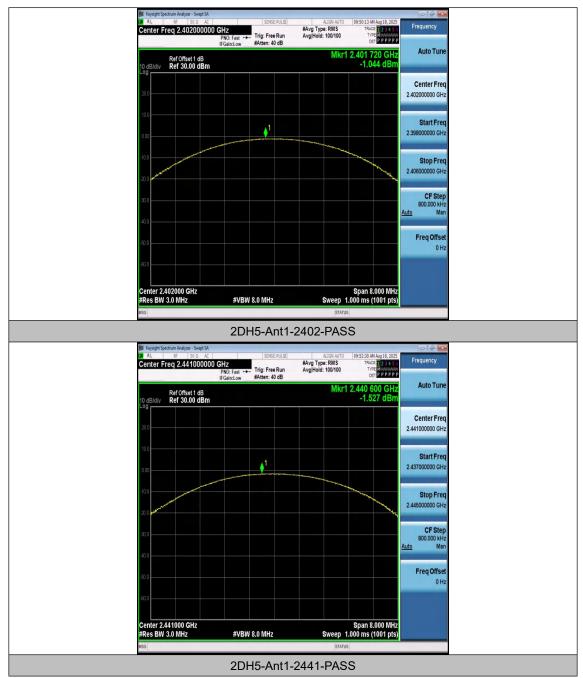
Test Graphs



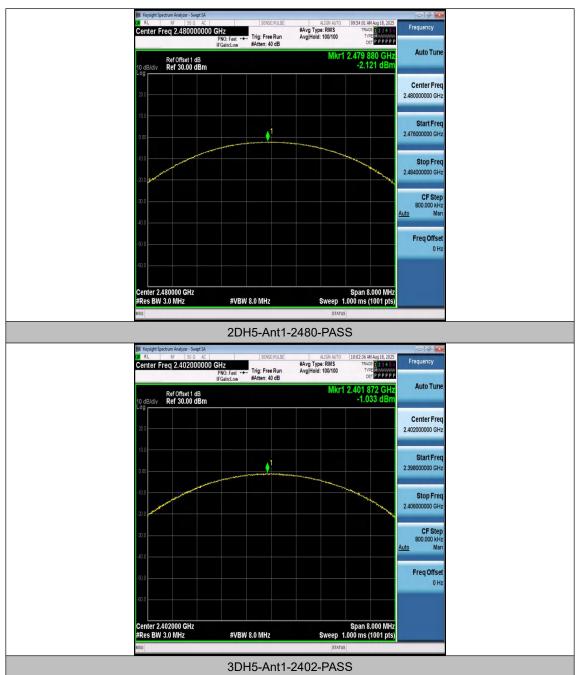




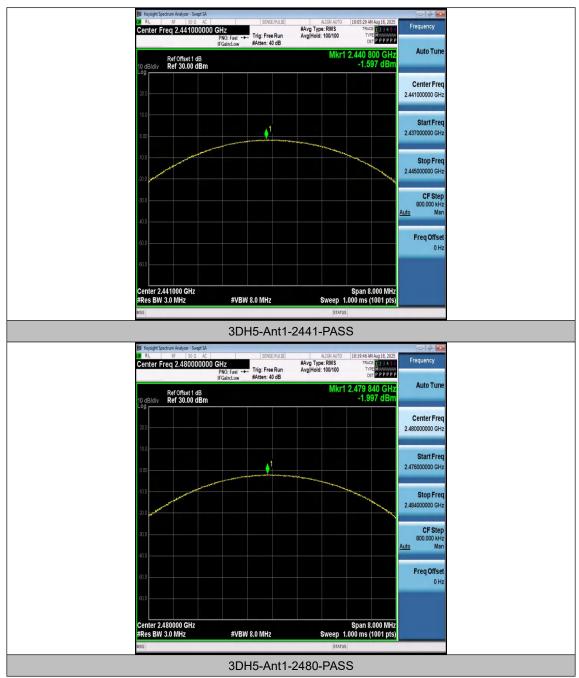














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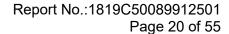
Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Нор	0.71	≥0.690	PASS
2DH5	Ant1	Нор	1.152	≥0.884	PASS
3DH5	Ant1	Нор	0.998	≥0.862	PASS













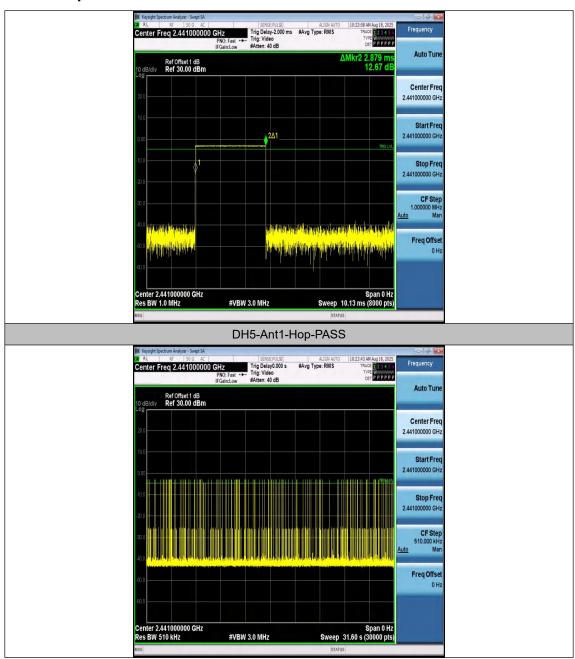
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Appendix E: Dwell Time

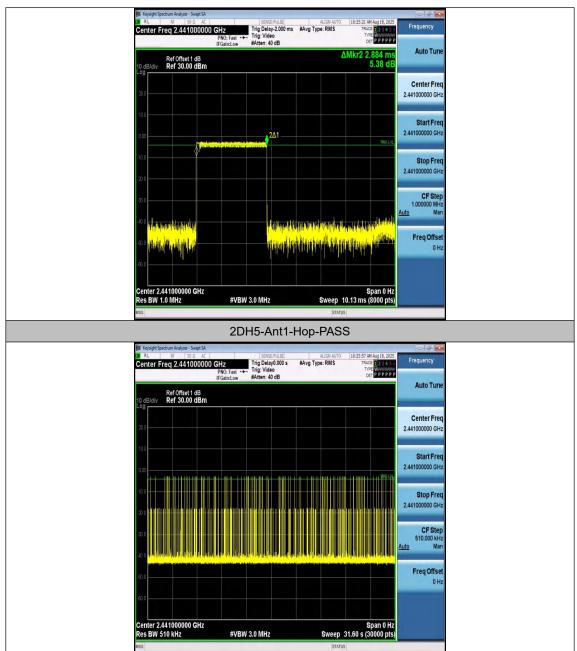
Test Result

Test	Antonna	Frequency	Burst Width	Total Hops	Result	Limit	Vordist
Mode	Antenna	[MHz]	[ms]	[Num]	[s]	[s]	Verdict
DH5	Ant1	Нор	2.879	115	0.331	≤0.4	PASS
2DH5	Ant1	Нор	2.884	114	0.329	≤0.4	PASS
3DH5	Ant1	Нор	2.887	113	0.326	≤0.4	PASS

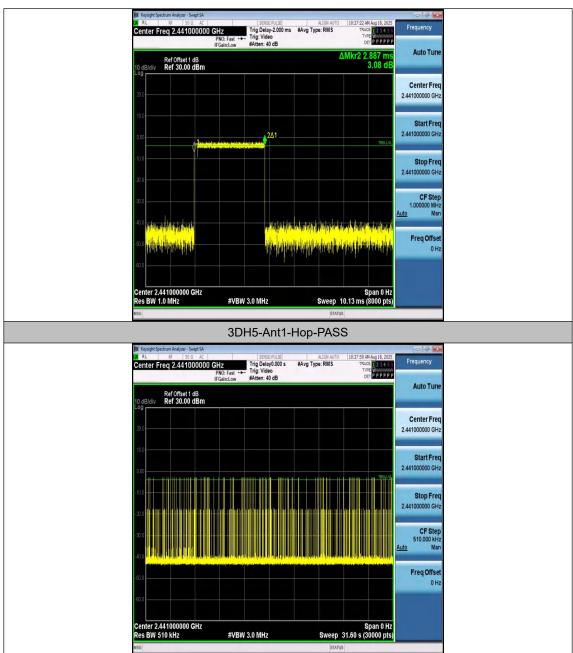














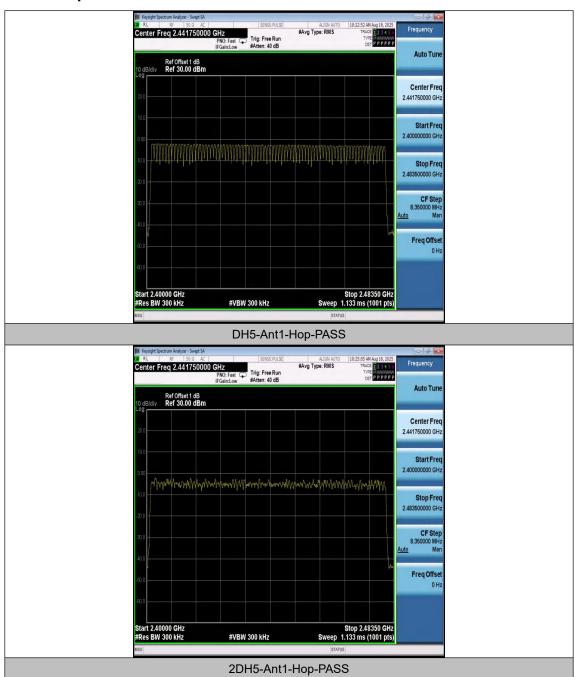
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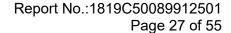
Appendix F: Number of Hopping Channel

Test Result

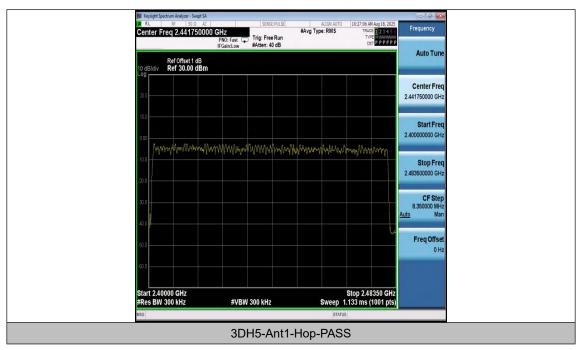
Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
DH5	Ant1	Нор	79	≥15	PASS
2DH5	Ant1	Нор	79	≥15	PASS
3DH5	Ant1	Нор	79	≥15	PASS













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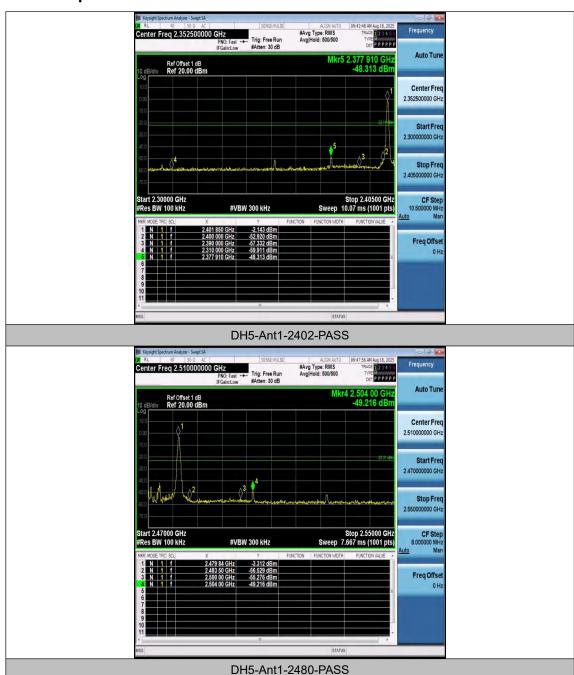
Appendix G: Conducted Band edge

Test Result

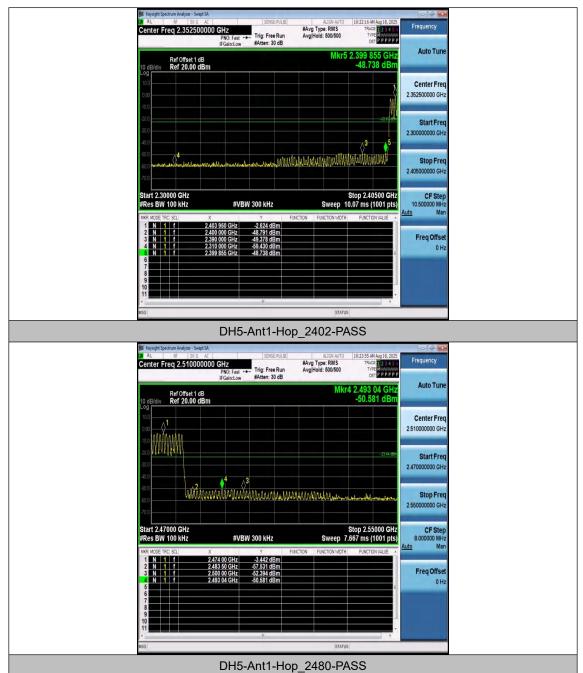
Test	A 4	Ch.	Frequency	Ref. Level	Result	Limit	\/l: -4
Mode	Antenna	Name	[MHz]	[dBm]	[dBm]	[dBm]	Verdict
DH5	Ant1	Low	2402	-2.14	-48.31	≤-22.14	PASS
DH5	Ant1	High	2480	-3.31	-49.22	≤-23.31	PASS
DH5	Ant1	Low	Hop_2402	-2.62	-48.74	≤-22.62	PASS
DH5	Ant1	High	Hop_2480	-3.44	-50.58	≤-23.44	PASS
2DH5	Ant1	Low	2402	-2.21	-48.99	≤-22.21	PASS
2DH5	Ant1	High	2480	-3.26	-51.4	≤-23.26	PASS
2DH5	Ant1	Low	Hop_2402	-6.73	-50.69	≤-26.73	PASS
2DH5	Ant1	High	Hop_2480	-3.33	-50.67	≤-23.33	PASS
3DH5	Ant1	Low	2402	-2.49	-49.52	≤-22.49	PASS
3DH5	Ant1	High	2480	-3.74	-51.05	≤-23.74	PASS
3DH5	Ant1	Low	Hop_2402	-3.10	-51.12	≤-23.1	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

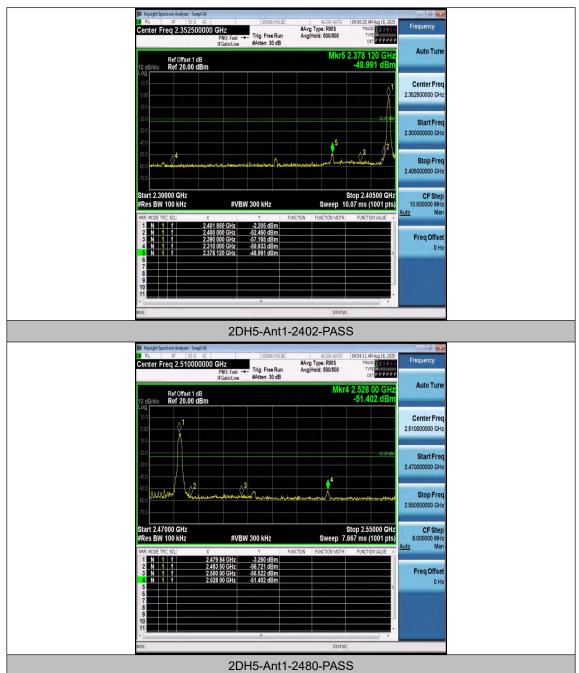




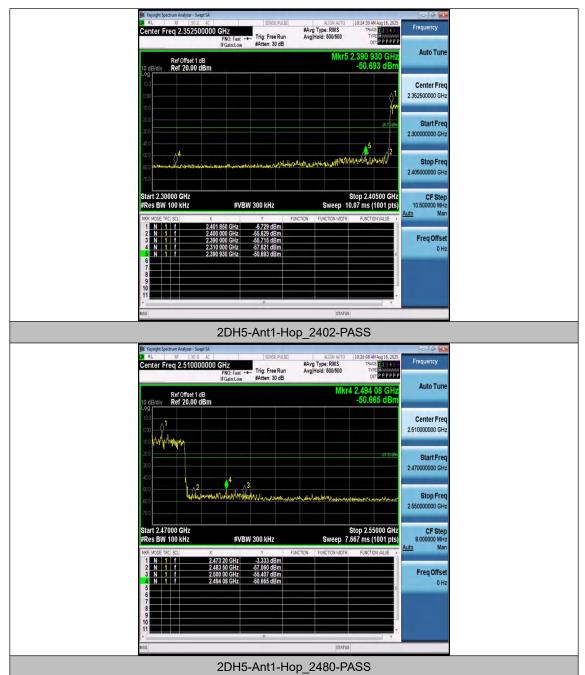




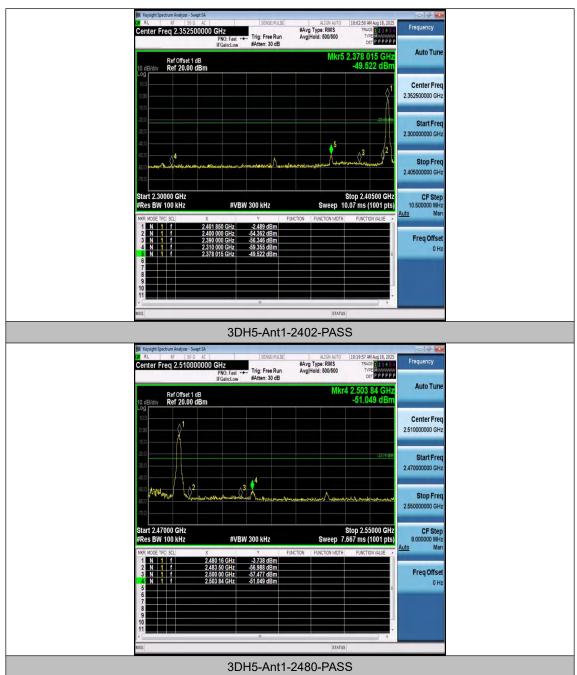


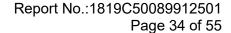




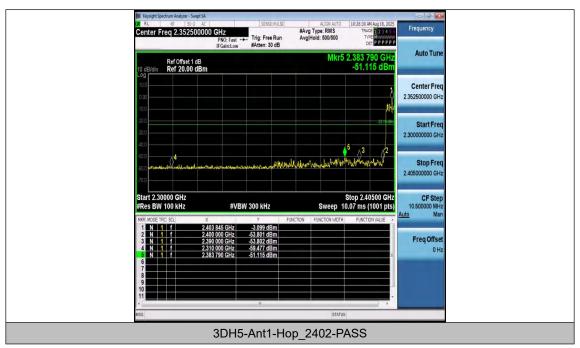












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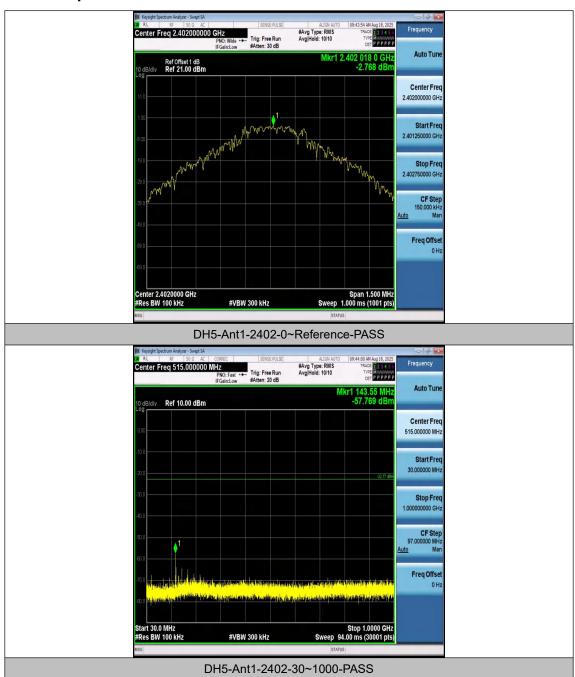
Appendix H: Conducted Spurious Emission

Test Result

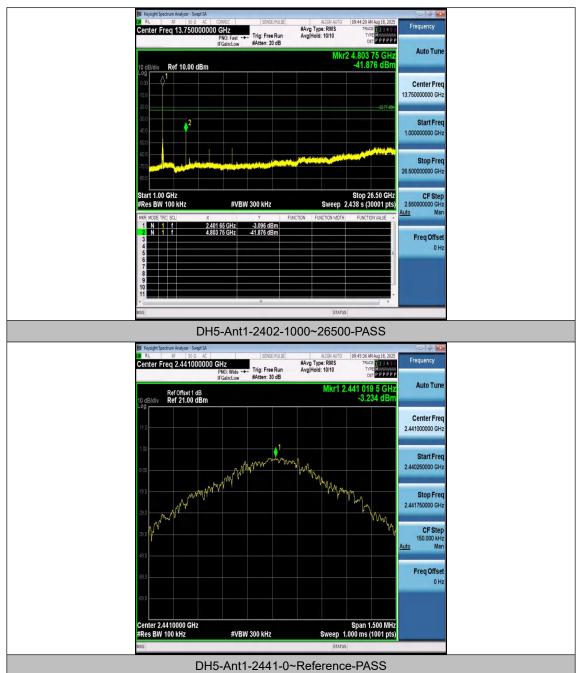
Test			Freq. Range	Ref. Level	Result	Limit	.,
Mode	Antenna	Frequency[MHz]	[MHz]	[dBm]	[dBm]	[dBm]	Verdict
DH5	Ant1	2402	0~Reference	-2.77	-2.77		PASS
DH5	Ant1	2402	30~1000	-2.77	-57.77	≤-22.77	PASS
DH5	Ant1	2402	1000~26500	-2.77	-41.88	≤-22.77	PASS
DH5	Ant1	2441	0~Reference	-3.23	-3.23		PASS
DH5	Ant1	2441	30~1000	-3.23	-60.71	≤-23.23	PASS
DH5	Ant1	2441	1000~26500	-3.23	-40.38	≤-23.23	PASS
DH5	Ant1	2480	0~Reference	-3.61	-3.61		PASS
DH5	Ant1	2480	30~1000	-3.61	-60.42	≤-23.61	PASS
DH5	Ant1	2480	1000~26500	-3.61	-37.93	≤-23.61	PASS
2DH5	Ant1	2402	0~Reference	-2.57	-2.57		PASS
2DH5	Ant1	2402	30~1000	-2.57	-62	≤-22.57	PASS
2DH5	Ant1	2402	1000~26500	-2.57	-44.27	≤-22.57	PASS
2DH5	Ant1	2441	0~Reference	-5.56	-5.56		PASS
2DH5	Ant1	2441	30~1000	-5.56	-60.52	≤-25.56	PASS
2DH5	Ant1	2441	1000~26500	-5.56	-42.87	≤-25.56	PASS
2DH5	Ant1	2480	0~Reference	-7.13	-7.13		PASS
2DH5	Ant1	2480	30~1000	-7.13	-57.5	≤-27.13	PASS
2DH5	Ant1	2480	1000~26500	-7.13	-42.32	≤-27.13	PASS
3DH5	Ant1	2402	0~Reference	-2.95	-2.95		PASS
3DH5	Ant1	2402	30~1000	-2.95	-61.88	≤-22.95	PASS
3DH5	Ant1	2402	1000~26500	-2.95	-40.48	≤-22.95	PASS
3DH5	Ant1	2441	0~Reference	-5.71	-5.71		PASS
3DH5	Ant1	2441	30~1000	-5.71	-61.09	≤-25.71	PASS
3DH5	Ant1	2441	1000~26500	-5.71	-42.68	≤-25.71	PASS
3DH5	Ant1	2480	0~Reference	-7.27	-7.27		PASS
3DH5	Ant1	2480	30~1000	-7.27	-61.03	≤-27.27	PASS
3DH5	Ant1	2480	1000~26500	-7.27	-40.63	≤-27.27	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

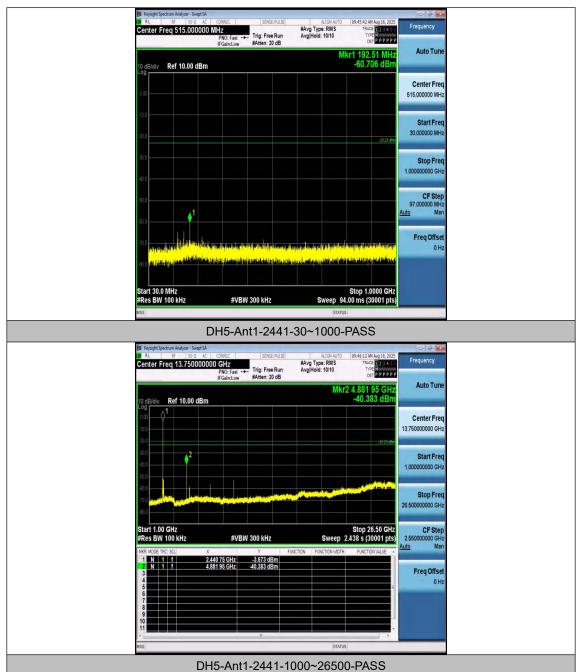




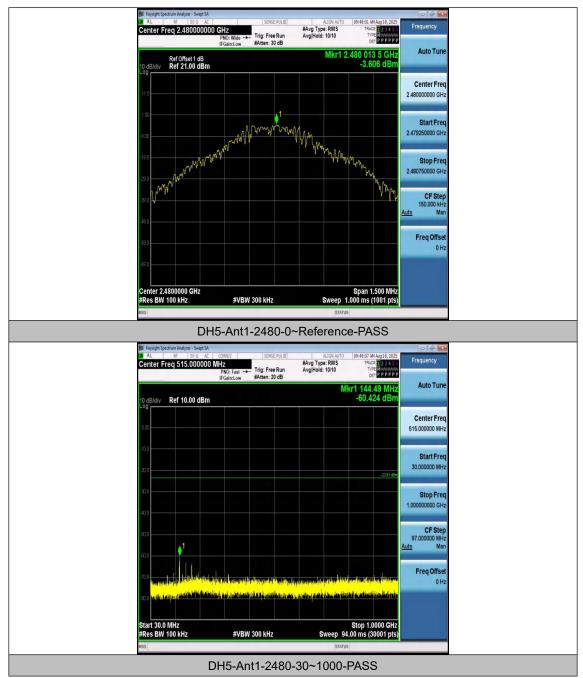




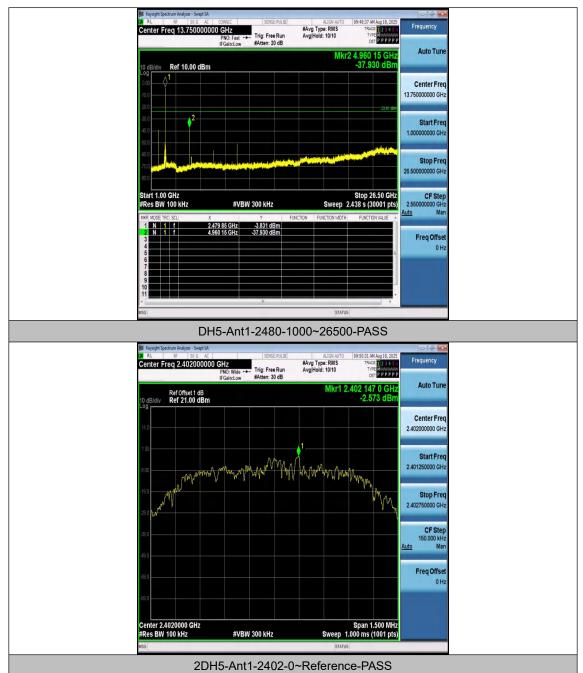




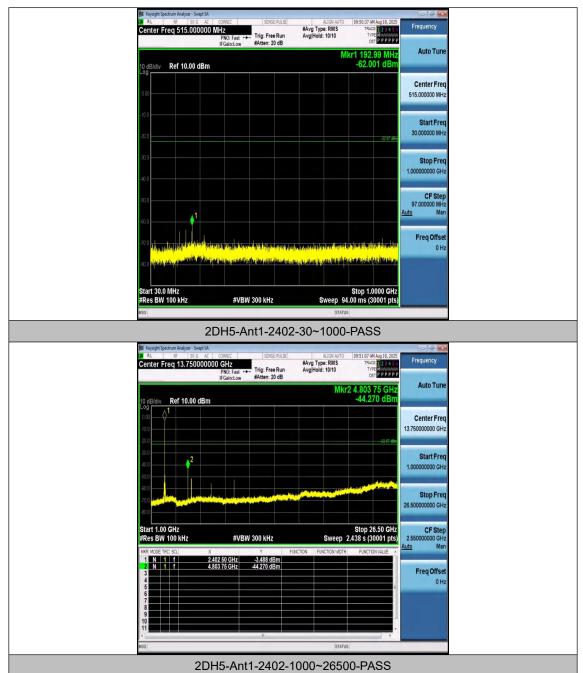




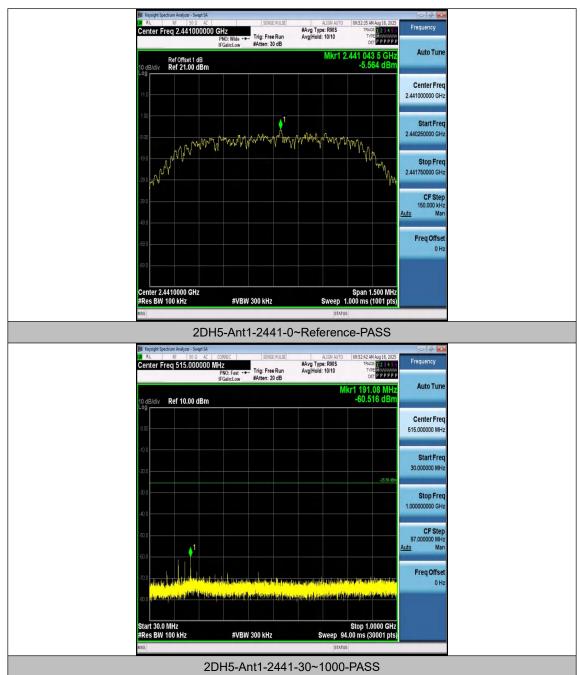




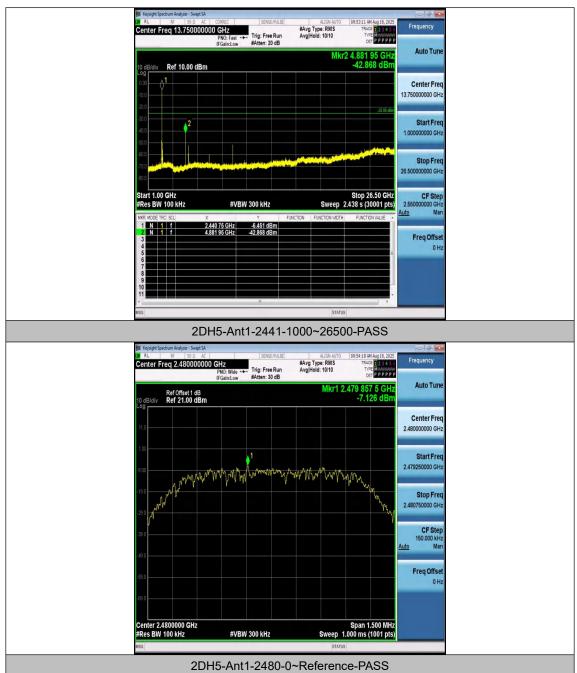




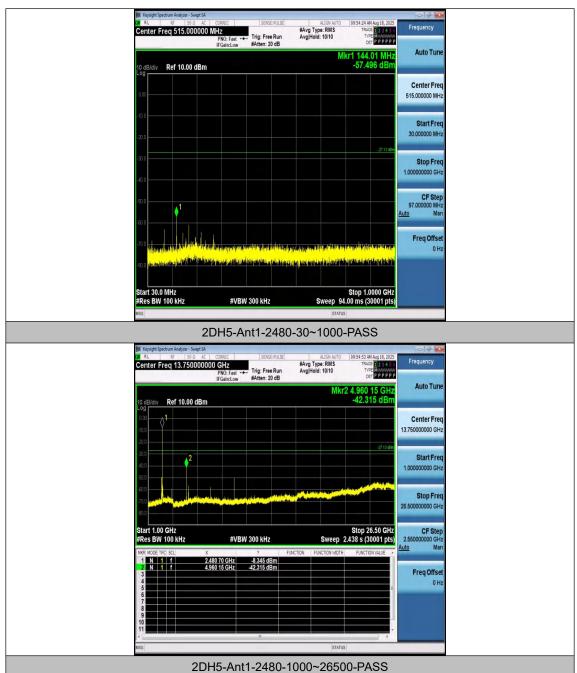




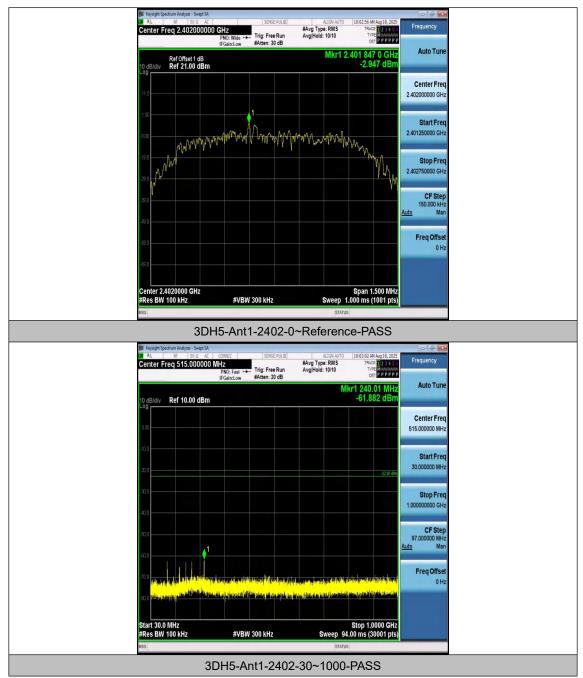




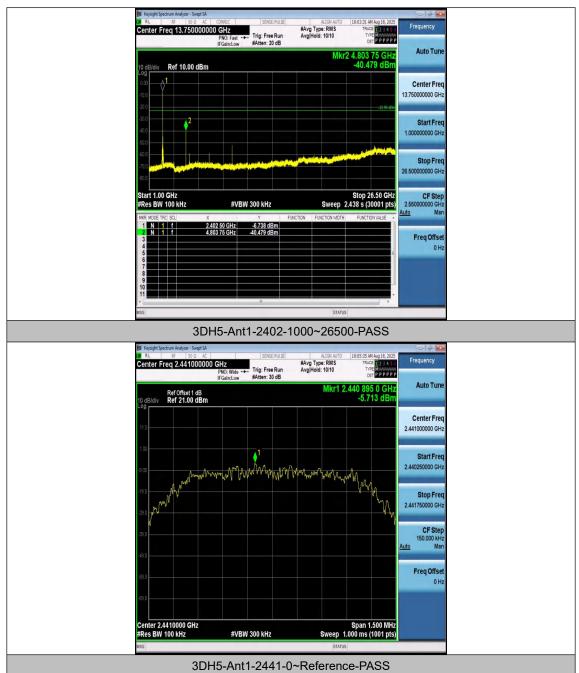




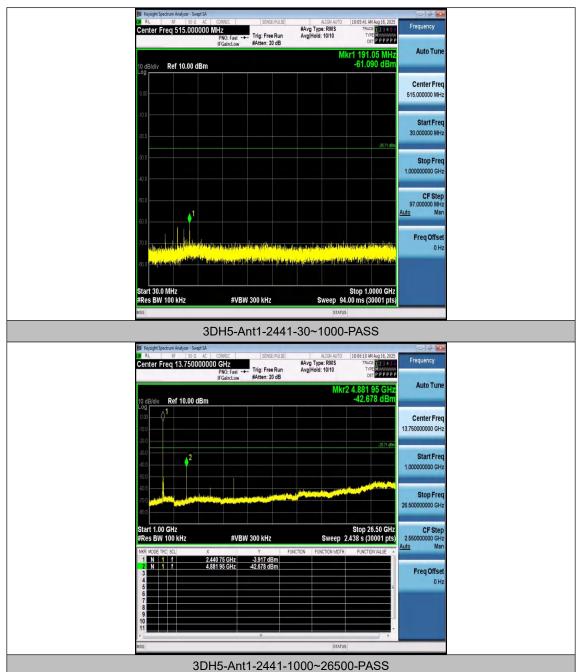




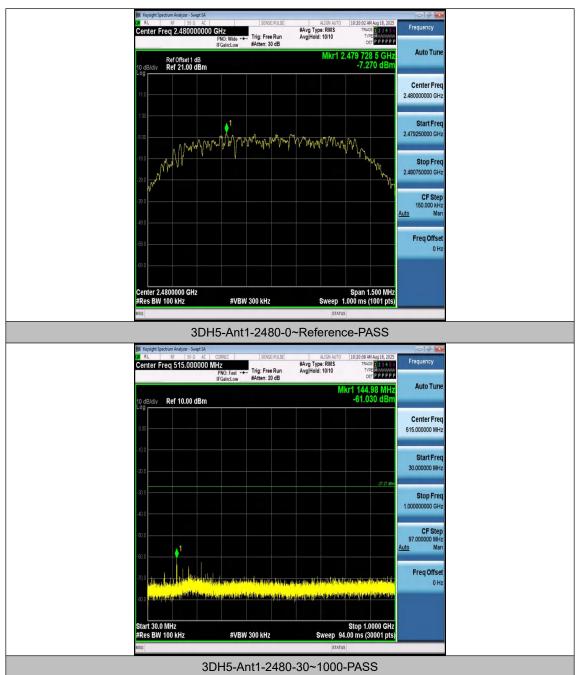


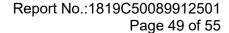




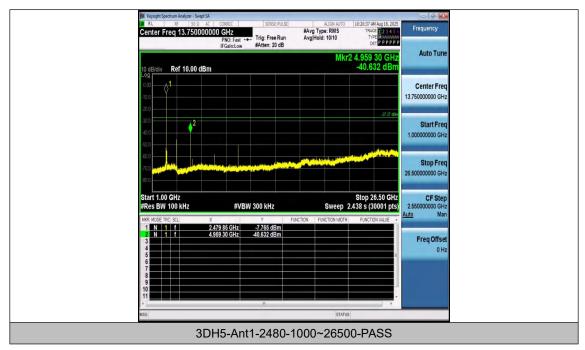














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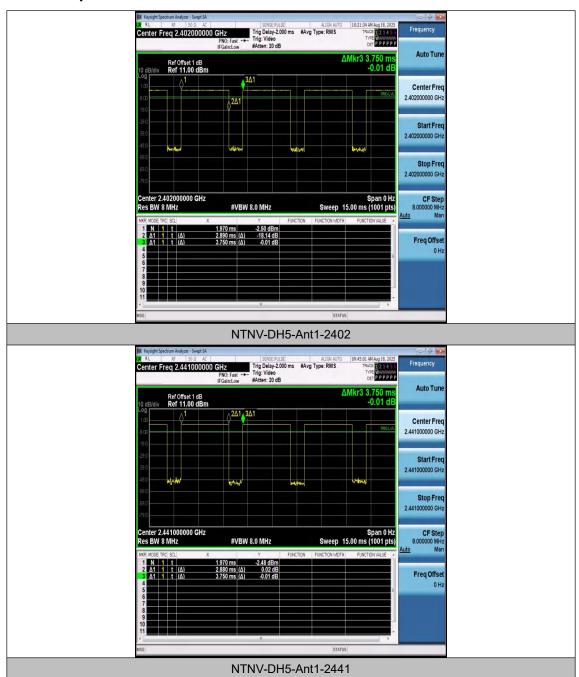
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time	Period	Duty Cycle	Duty Cycle
			[ms]	[ms]	[%]	Factor[dB]
DH5	Ant1	2402	2.89	3.75	77.07	1.13
DH5	Ant1	2441	2.88	3.75	76.80	1.15
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.89	3.75	77.07	1.13
2DH5	Ant1	2441	2.88	3.75	76.80	1.15
2DH5	Ant1	2480	2.90	3.75	77.33	1.12
3DH5	Ant1	2402	2.88	3.75	76.80	1.15
3DH5	Ant1	2441	2.88	3.75	76.80	1.15
3DH5	Ant1	2480	2.89	3.75	77.07	1.13



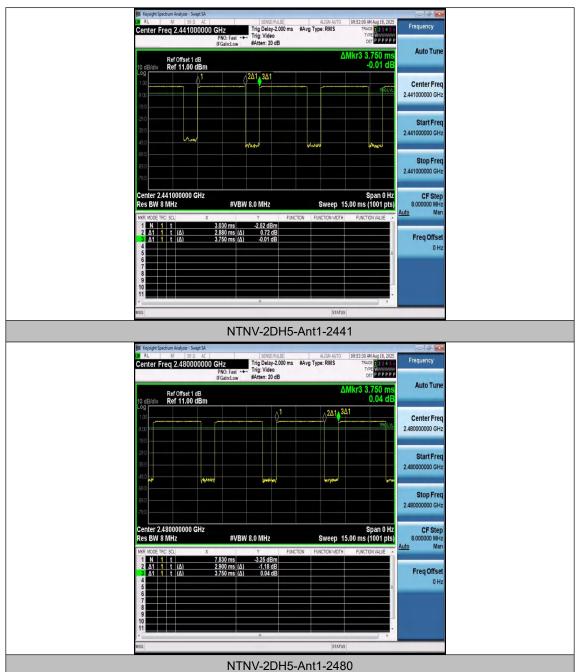
Test Graphs



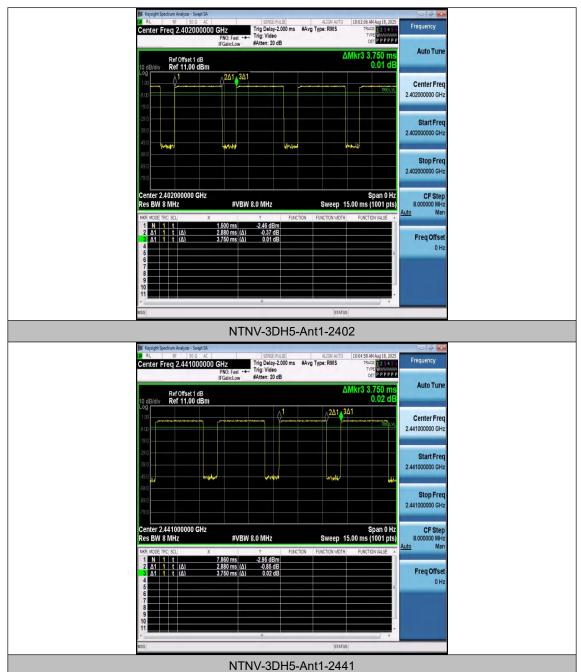




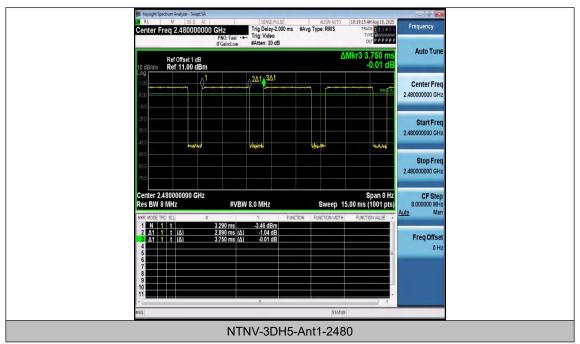












---End---