

## Appendix Test Data

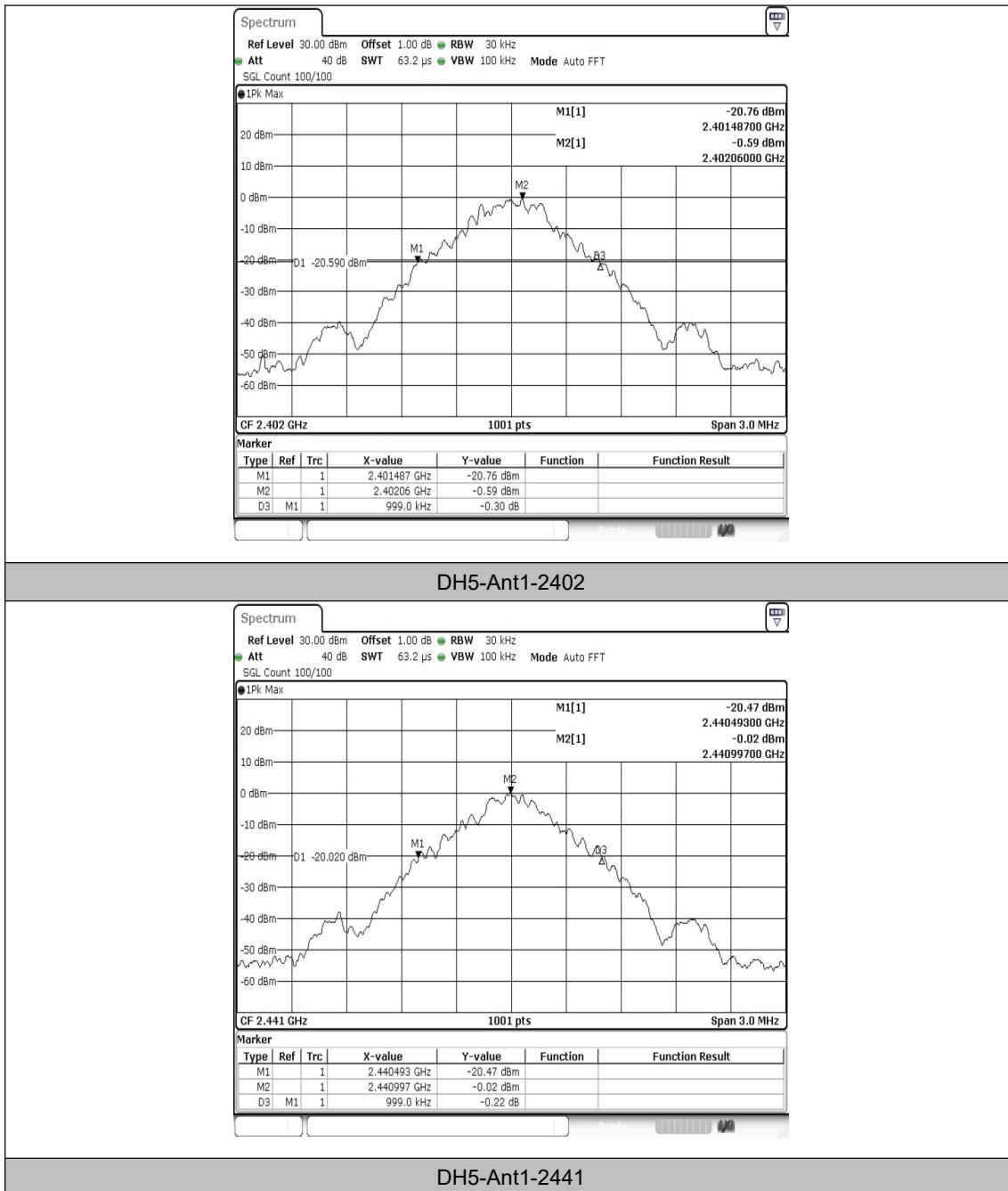
Report No.:	1813C50322912501	Test Sample No.:	1-2-2
Start Test Date:	2025-7-16	Finish Test Date:	2025-7-17
Test Engineer:	dylan. Ma	Auditor:	Justin Feng
Temperature:	26.5°C	Relative Humidity:	59%
Pressure:	101kPa		

## Appendix A: 20dB Bandwidth

### Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.00	2401.49	2402.49	---	---
DH5	Ant1	2441	1.00	2440.49	2441.49	---	---
DH5	Ant1	2480	1.01	2479.49	2480.50	---	---
2DH5	Ant1	2402	1.29	2401.37	2402.66	---	---
2DH5	Ant1	2441	1.36	2440.32	2441.68	---	---
2DH5	Ant1	2480	1.38	2479.32	2480.70	---	---

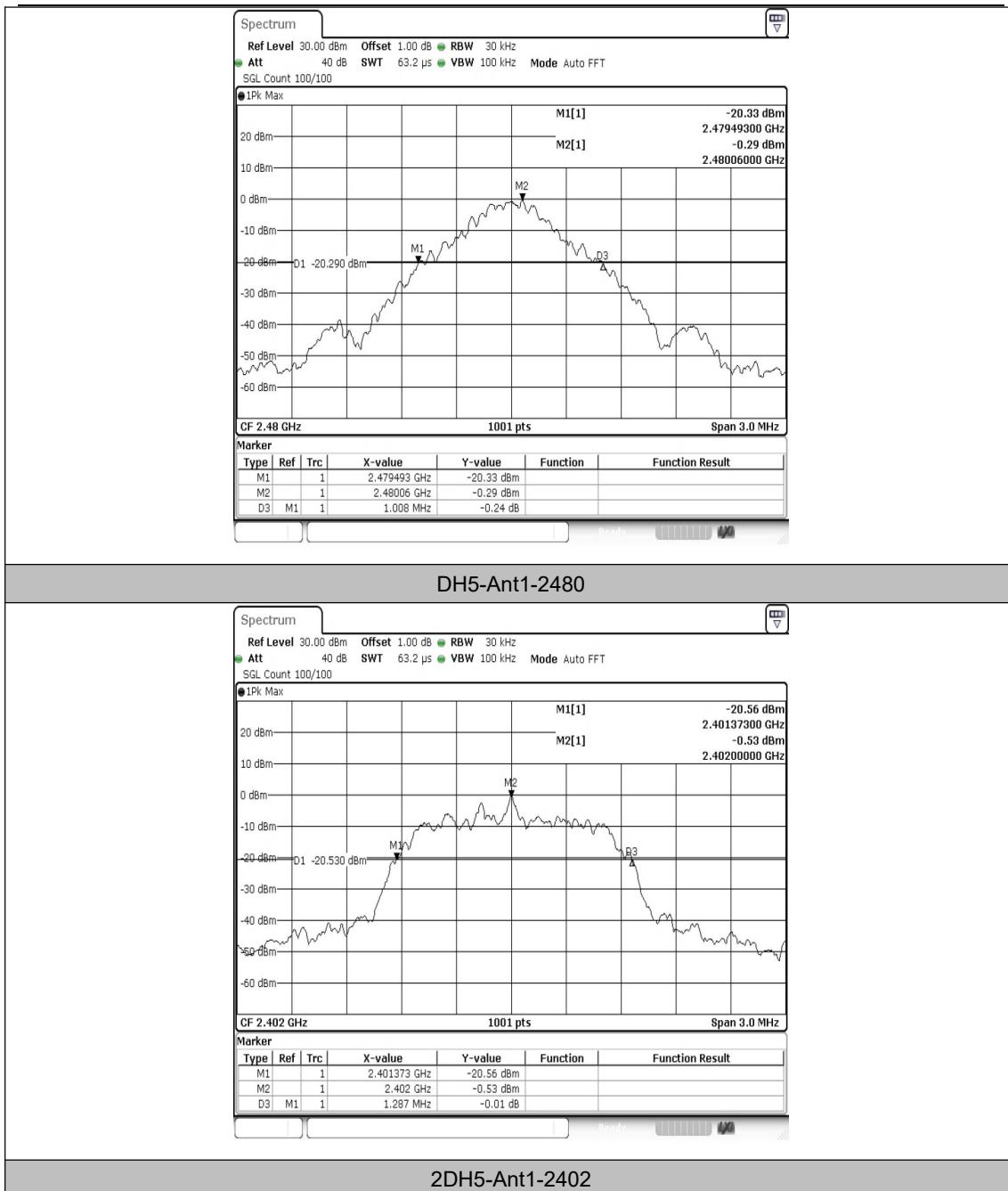
## Test Graphs



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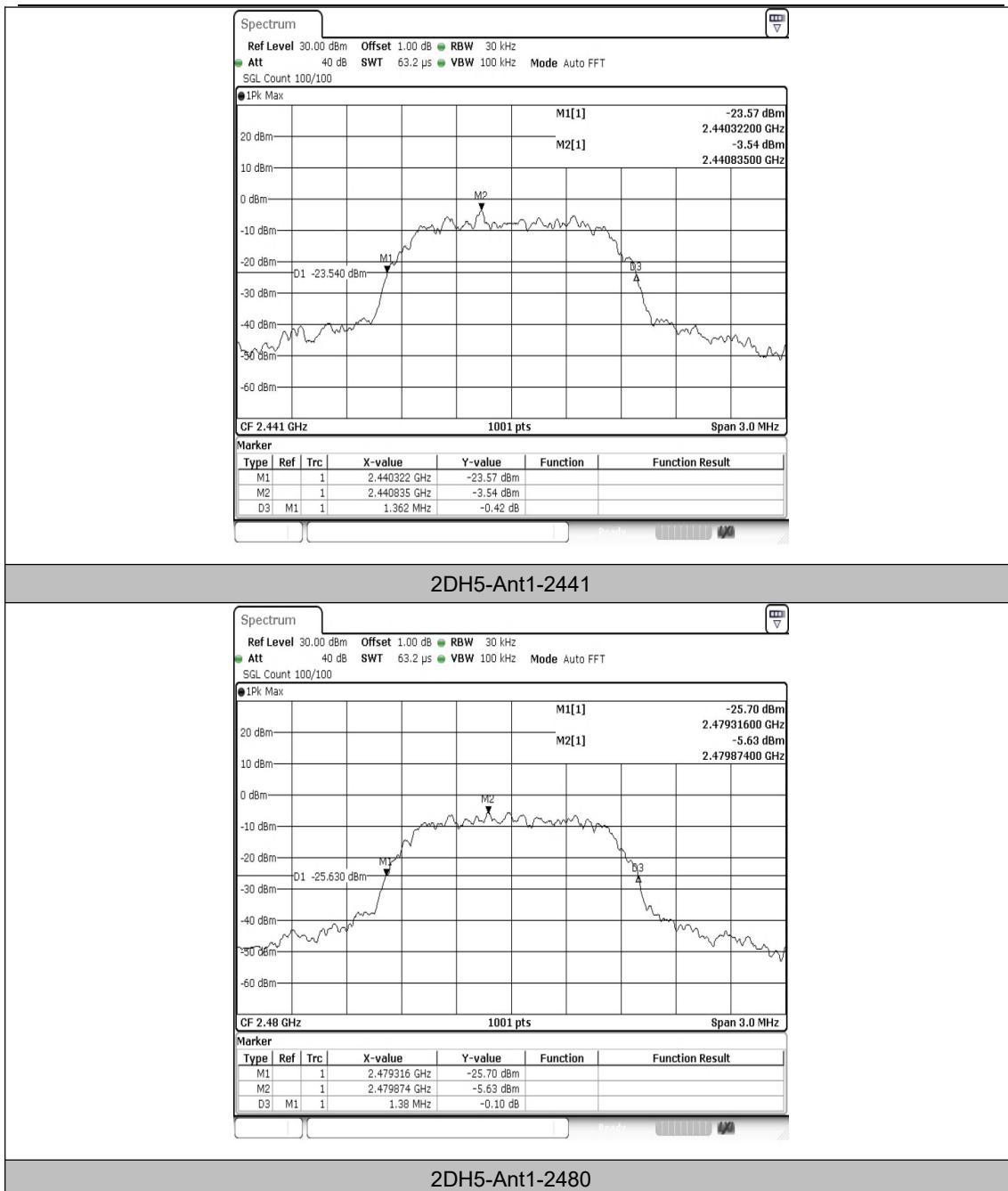
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## Appendix B: 99% Occupied Bandwidth

### Test Result

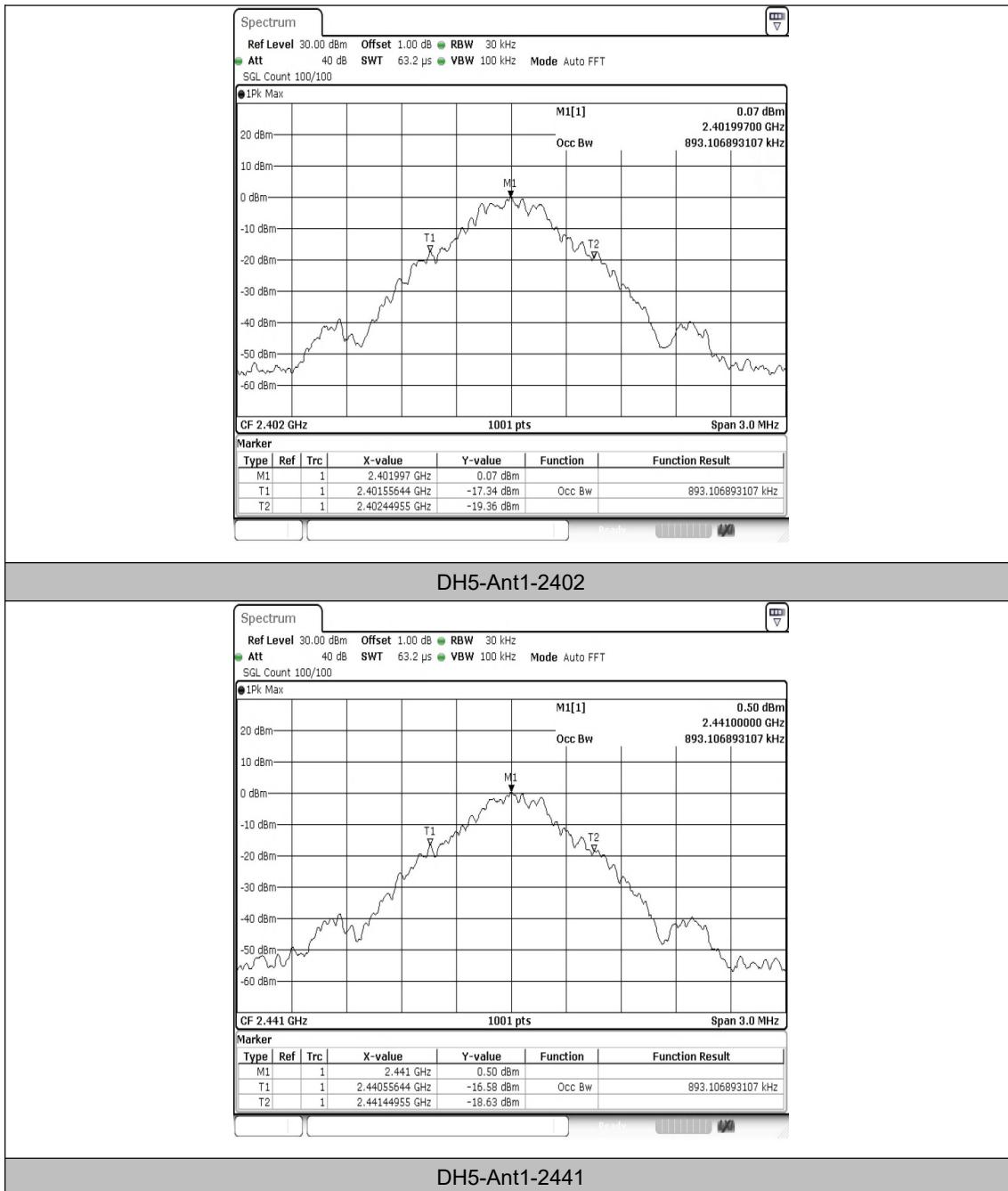
Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89311	2401.5564	2402.4496	---	---
DH5	Ant1	2441	0.89311	2440.5564	2441.4496	---	---
DH5	Ant1	2480	0.90210	2479.5564	2480.4585	---	---
2DH5	Ant1	2402	1.2078	2401.4066	2402.6144	---	---
2DH5	Ant1	2441	1.1988	2440.4036	2441.6024	---	---
2DH5	Ant1	2480	1.2078	2479.3976	2480.6054	---	---

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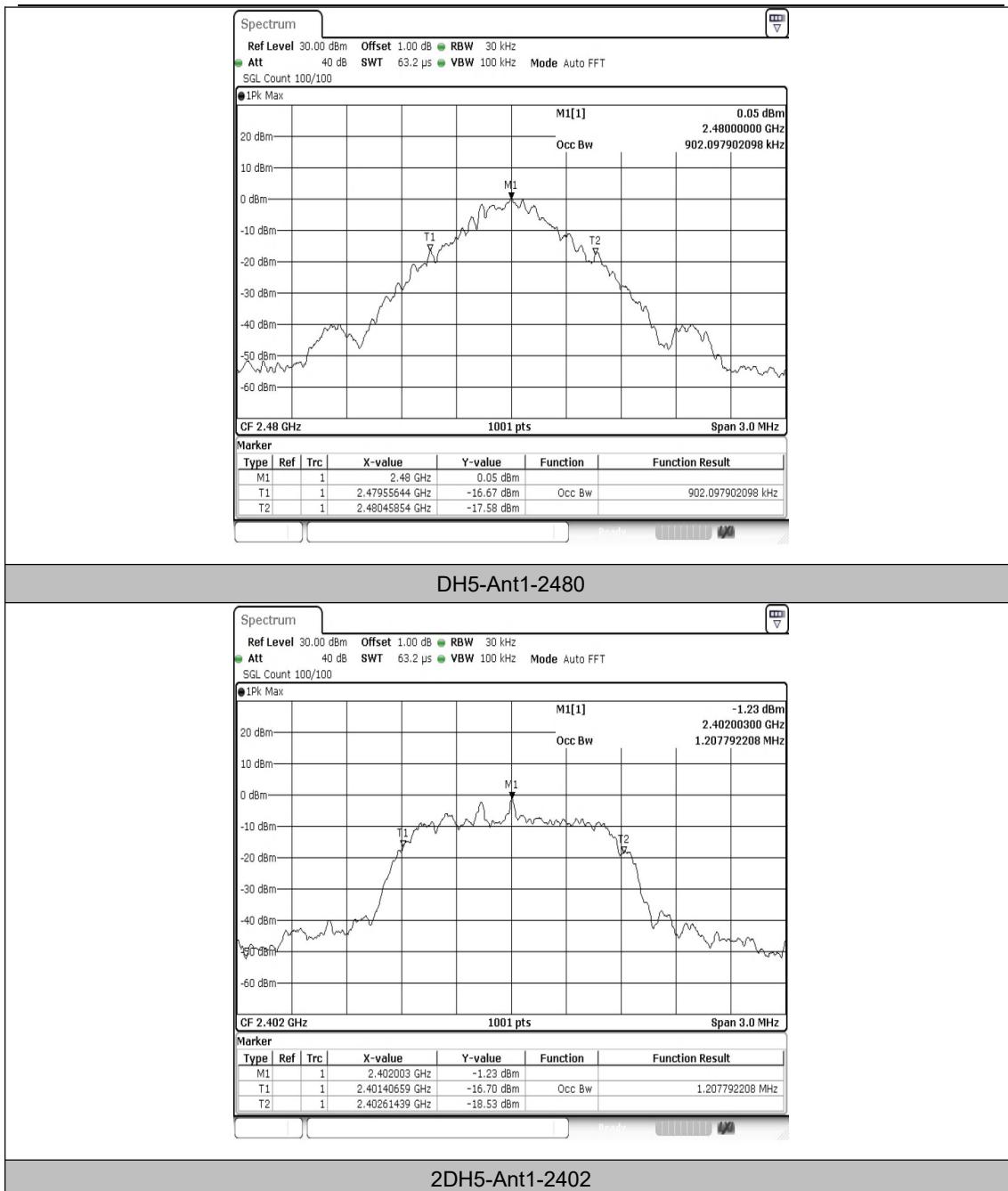
## Test Graphs



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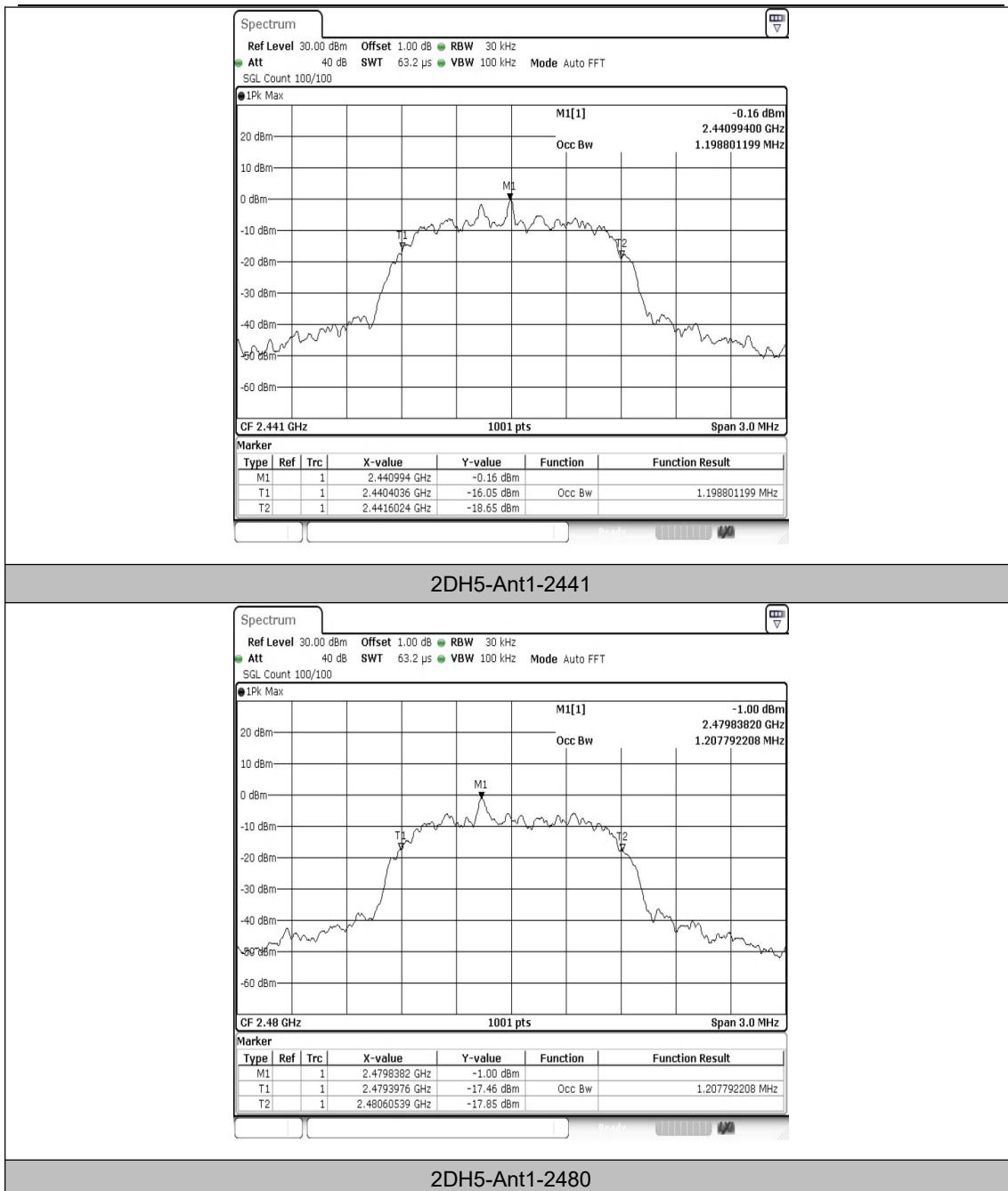
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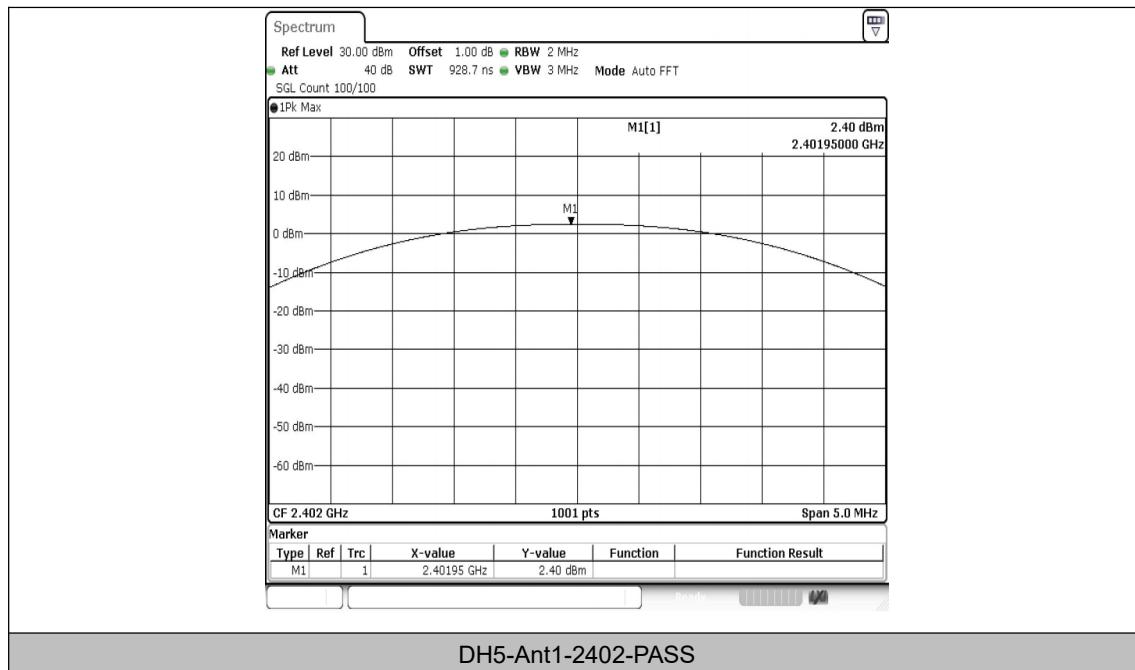
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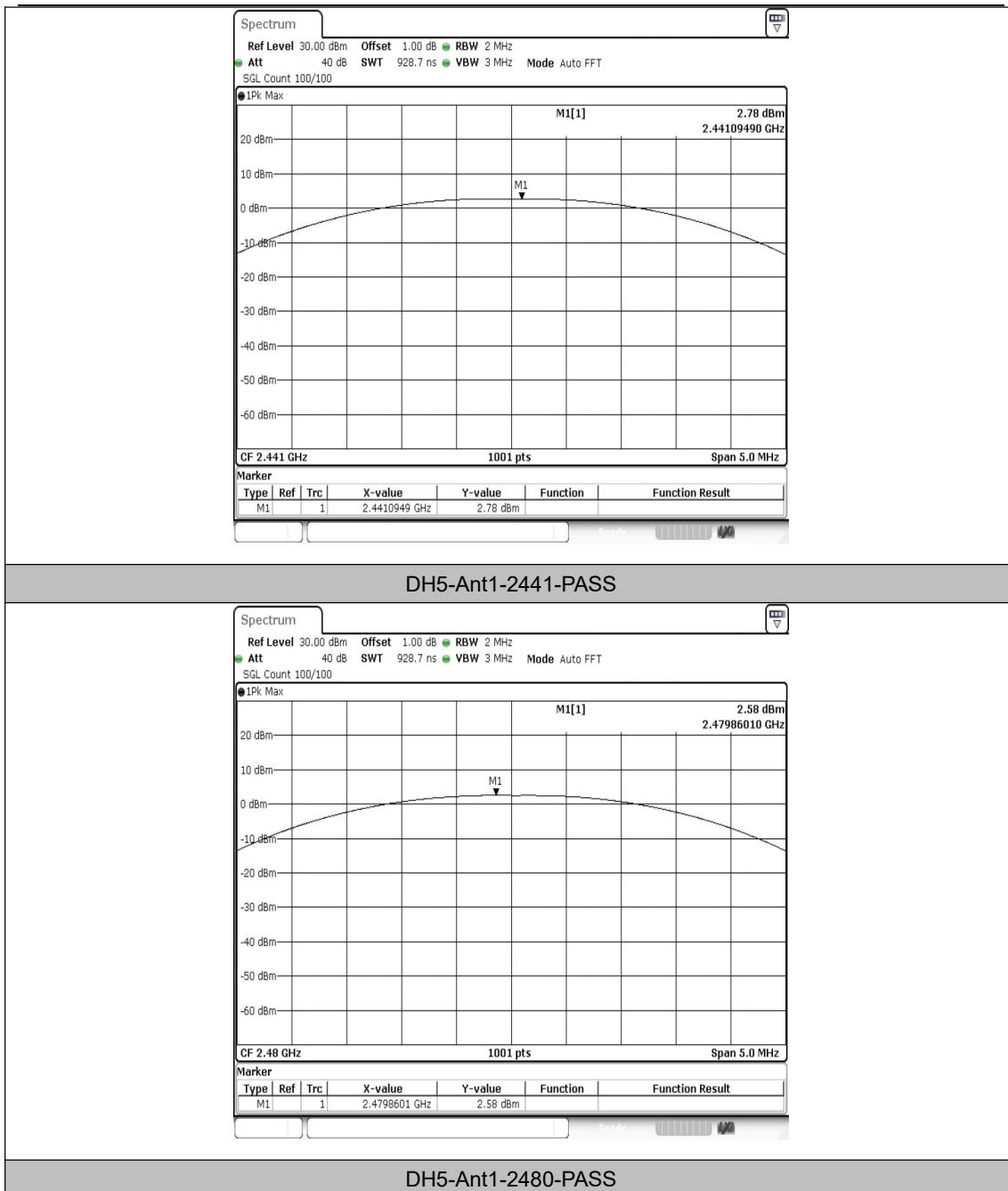
## Appendix C: Maximum Conducted Output Power

### Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	2.40	≤20.97	PASS
DH5	Ant1	2441	2.78	≤20.97	PASS
DH5	Ant1	2480	2.58	≤20.97	PASS
2DH5	Ant1	2402	2.94	≤20.97	PASS
2DH5	Ant1	2441	3.44	≤20.97	PASS
2DH5	Ant1	2480	3.11	≤20.97	PASS

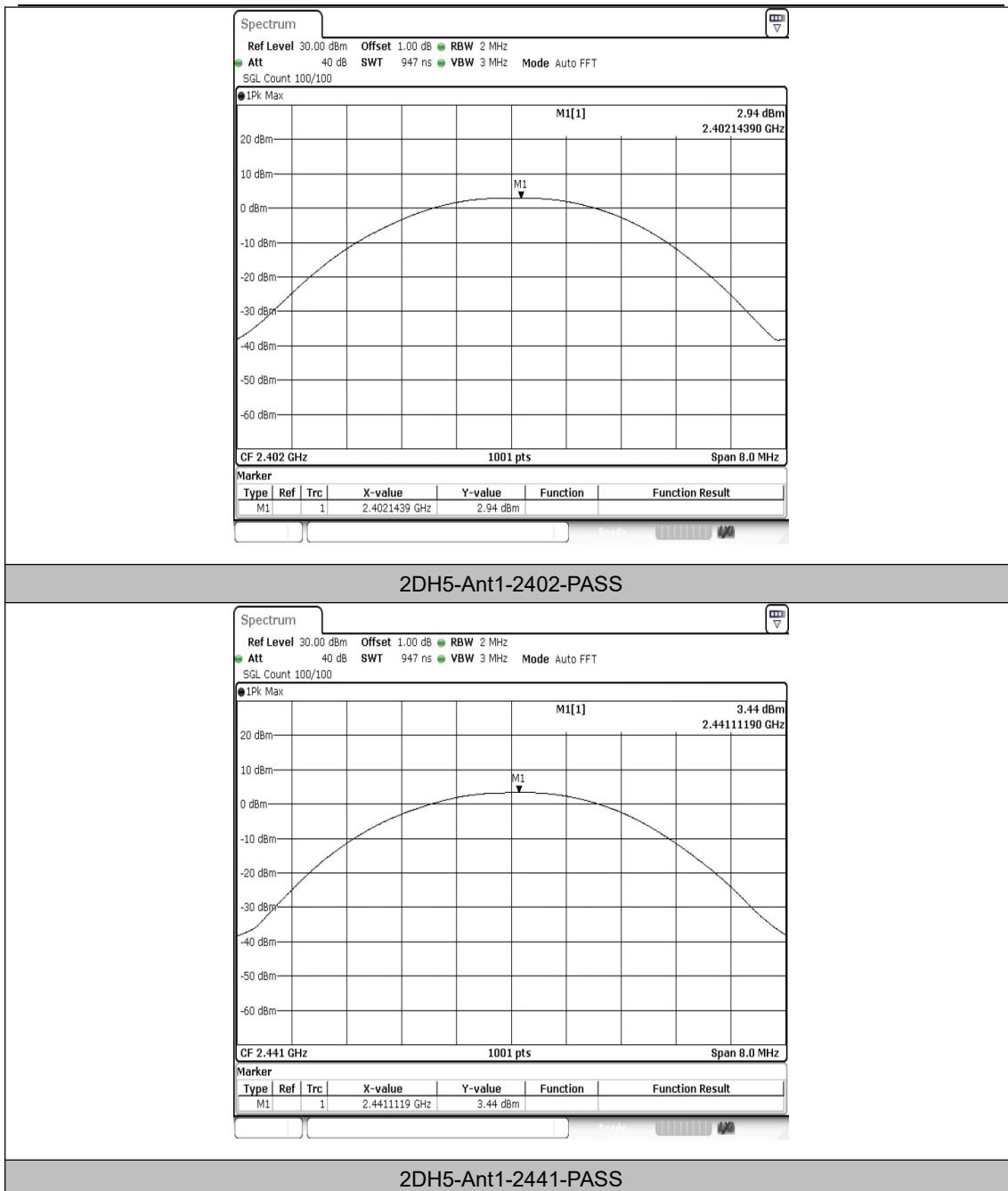
### Test Graphs



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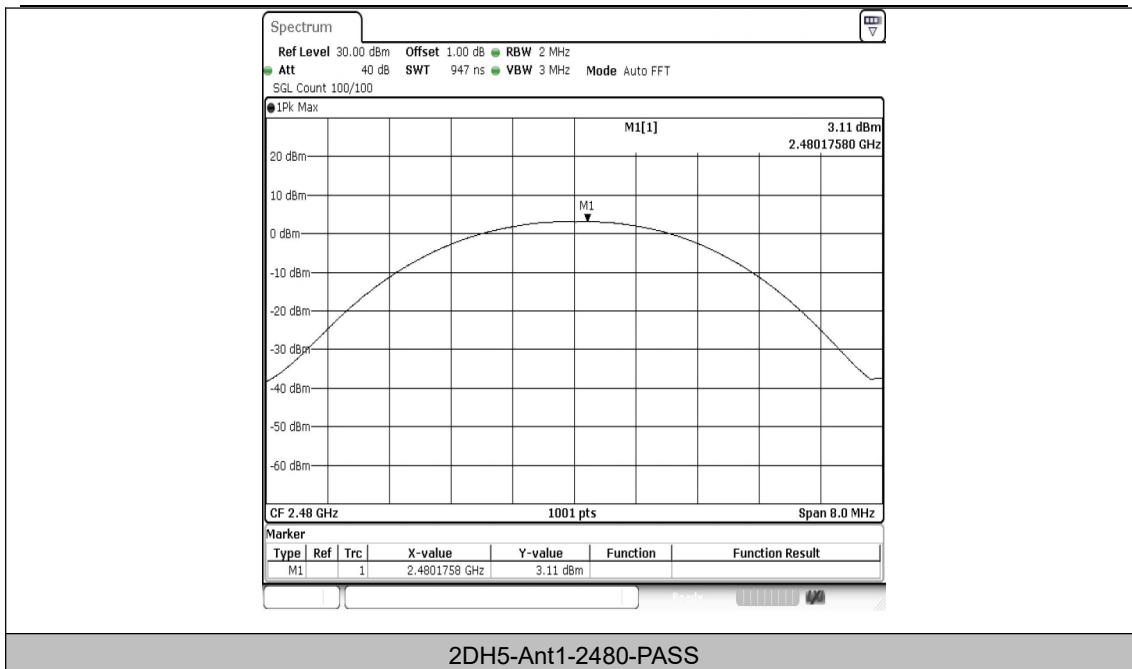
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## Appendix D: Carrier frequency separation

### Test Result

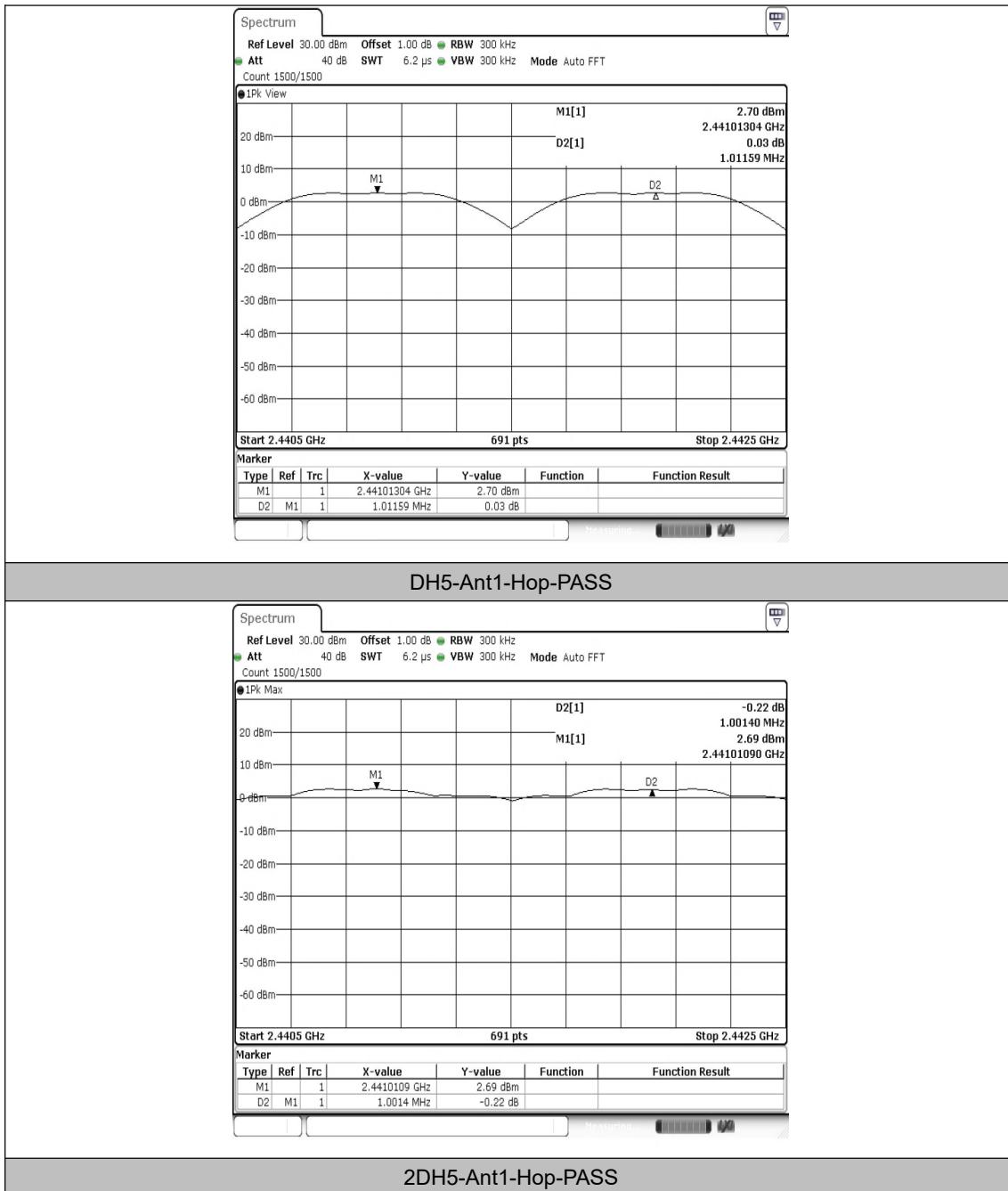
Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.012	≥0.673	PASS
2DH5	Ant1	Hop	1.001	≥0.920	PASS

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## Test Graphs



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## Appendix E: Dwell Time

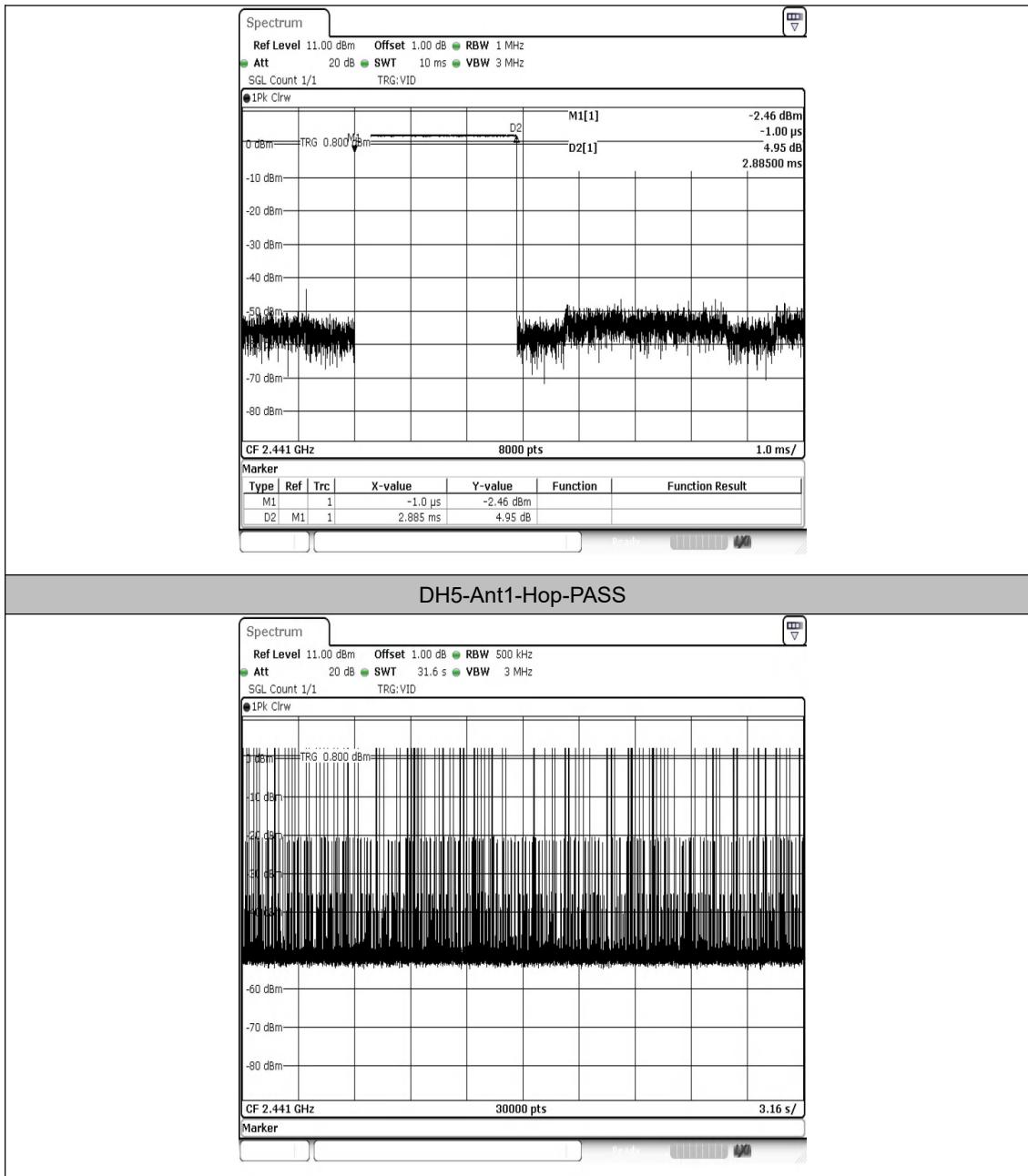
### Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
DH5	Ant1	Hop	2.885	115	0.332	≤0.4	PASS
2DH5	Ant1	Hop	2.890	121	0.35	≤0.4	PASS

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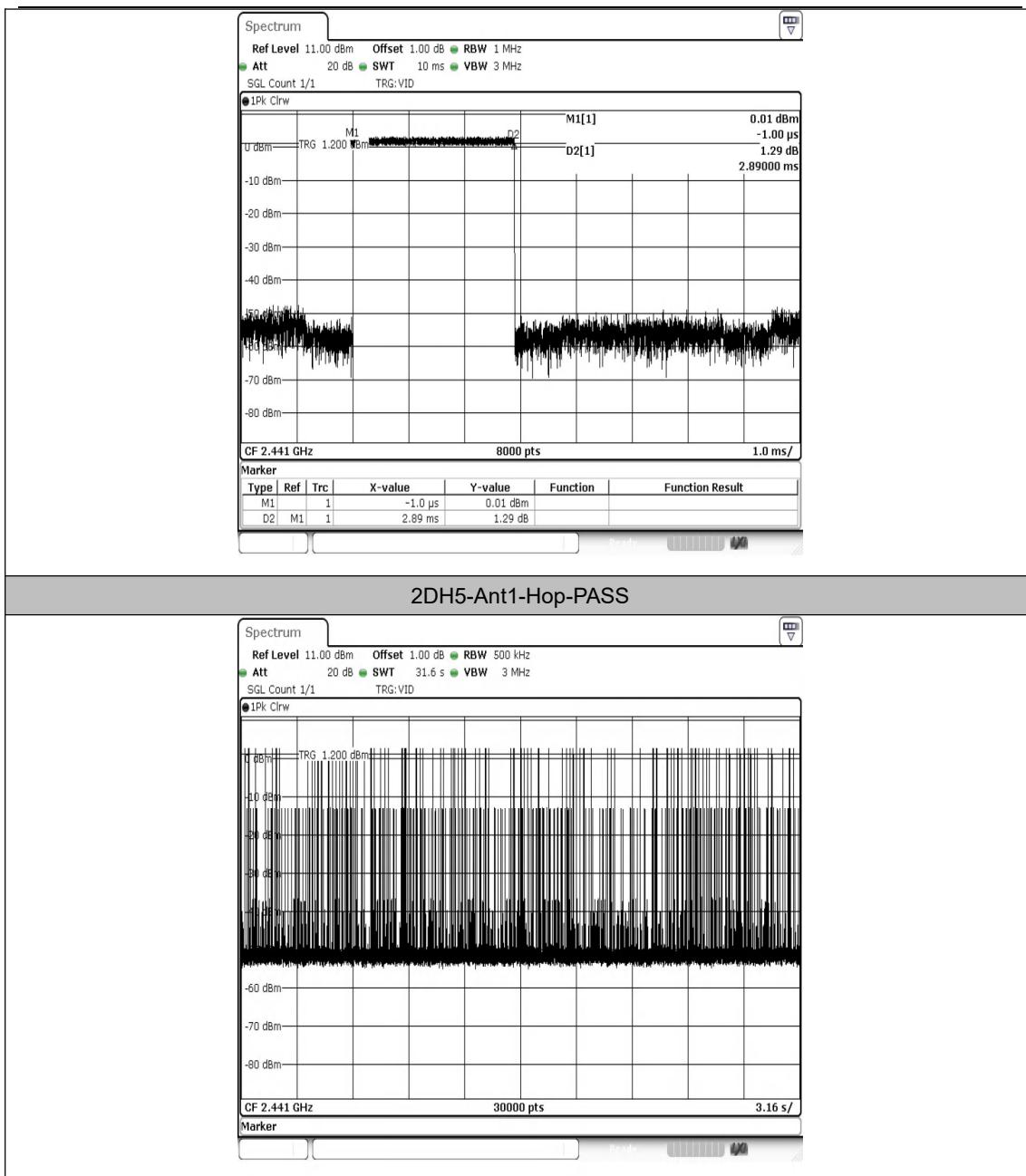
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## Appendix F: Number of Hopping Channel

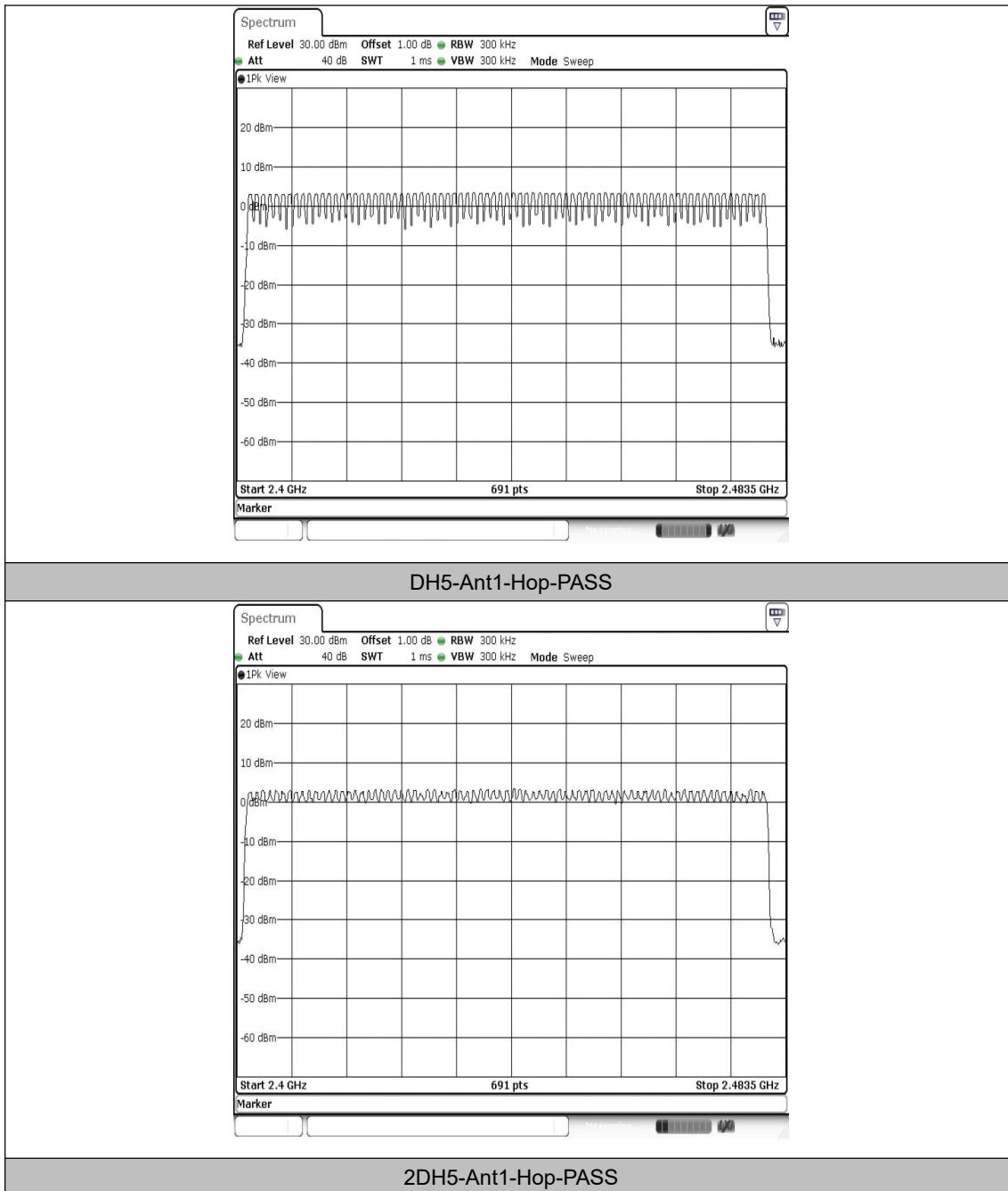
### Test Result

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

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## Appendix G: Conducted Band edge

### Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	2.06	-52.47	≤-17.94	PASS
DH5	Ant1	High	2480	2.33	-50.46	≤-17.67	PASS
DH5	Ant1	Low	Hop_2402	1.77	-52.28	≤-18.23	PASS
DH5	Ant1	High	Hop_2480	1.60	-49.65	≤-18.4	PASS
2DH5	Ant1	Low	2402	0.92	-51.56	≤-19.08	PASS
2DH5	Ant1	High	2480	2.36	-51.15	≤-17.64	PASS
2DH5	Ant1	Low	Hop_2402	-1.63	-51.25	≤-21.63	PASS
2DH5	Ant1	High	Hop_2480	2.36	-50.6	≤-17.64	PASS

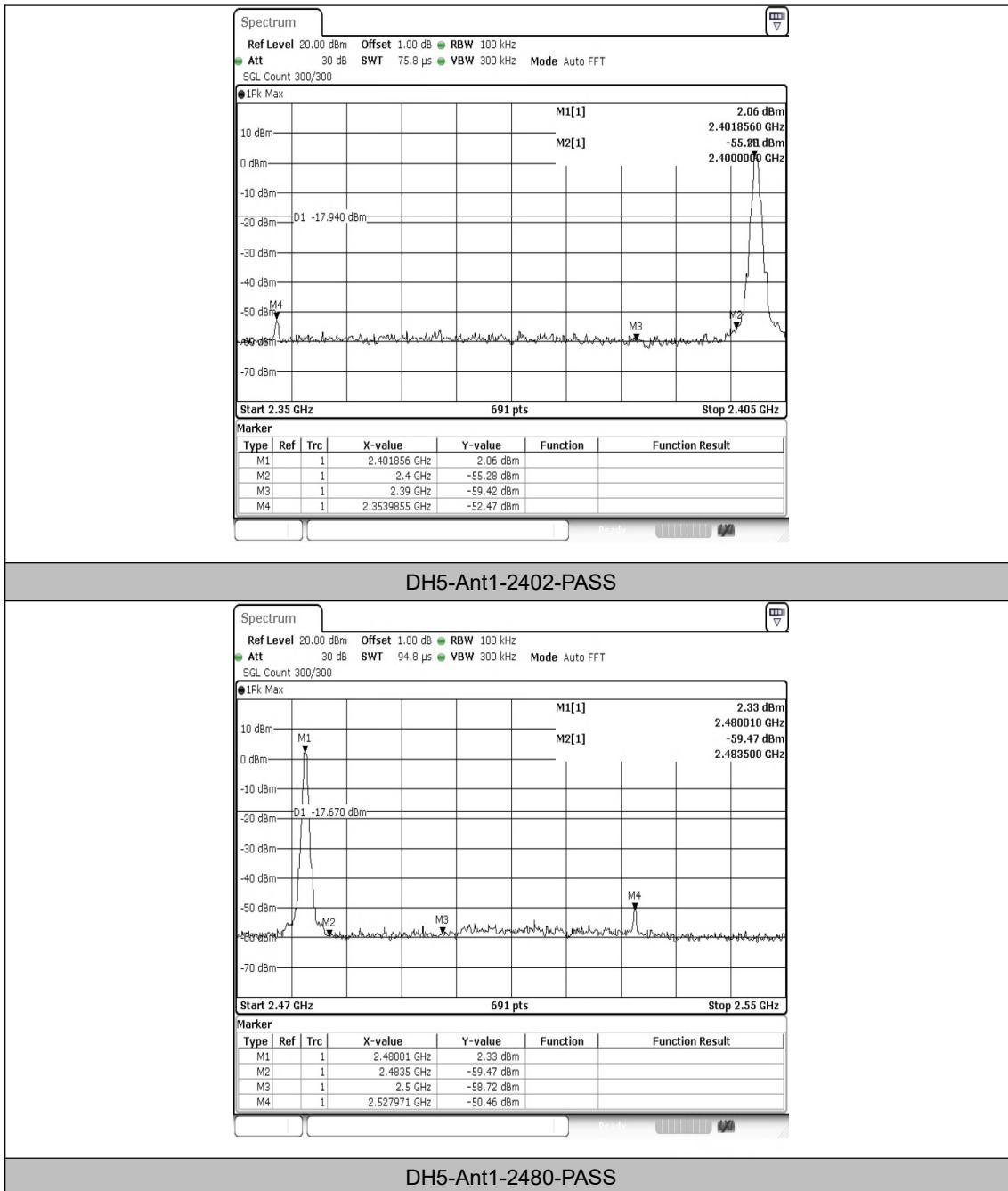
Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

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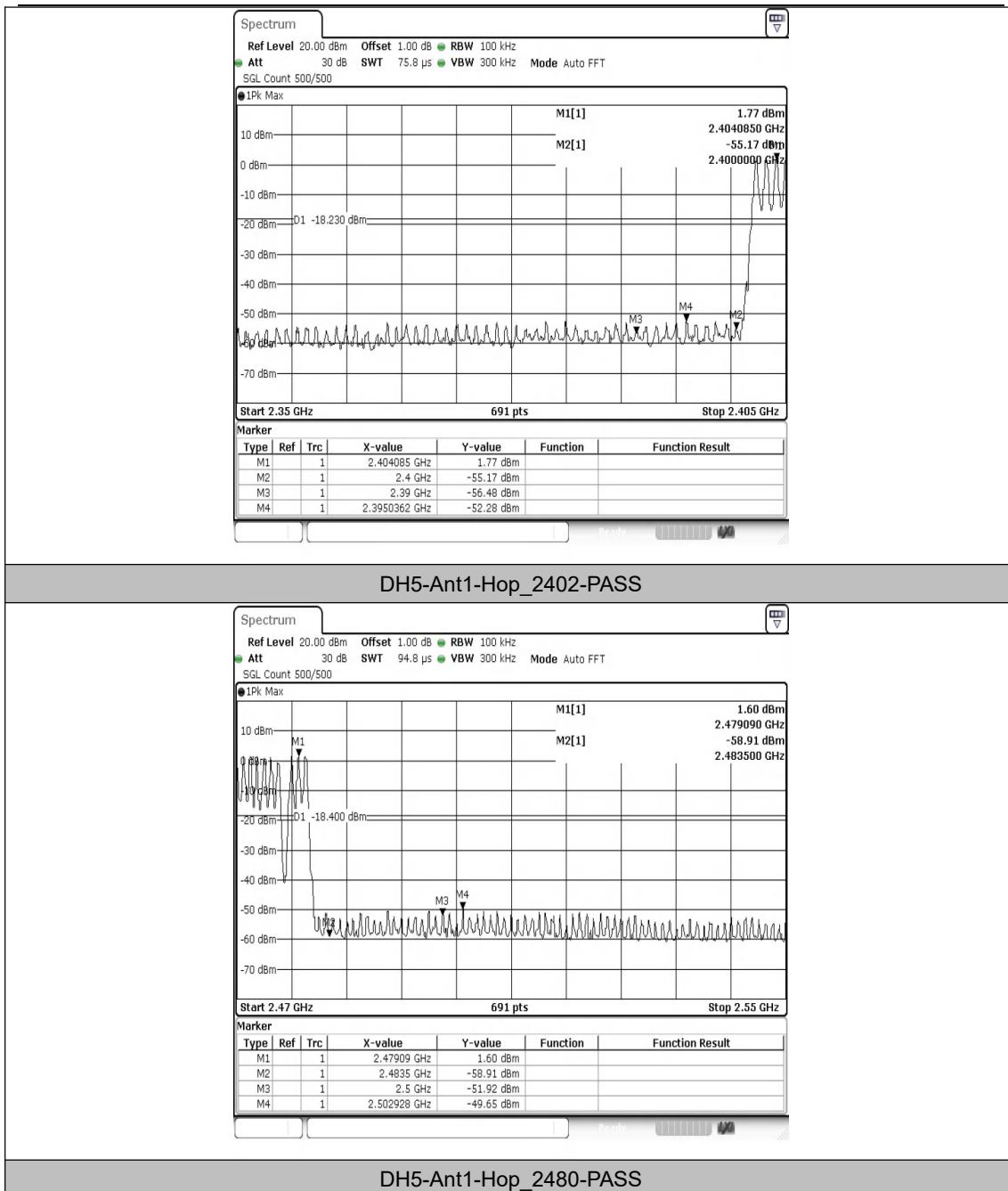
## Test Graphs



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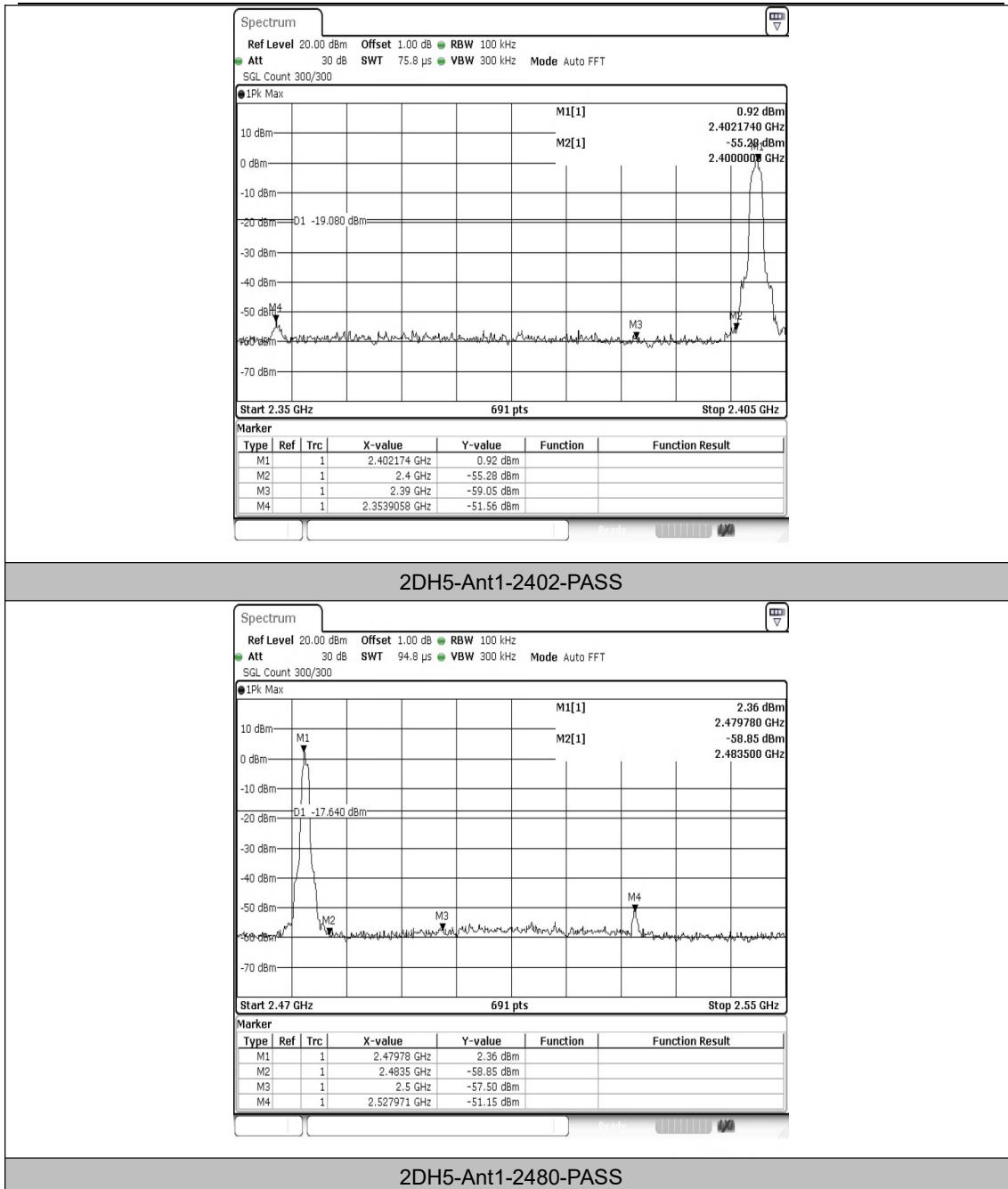
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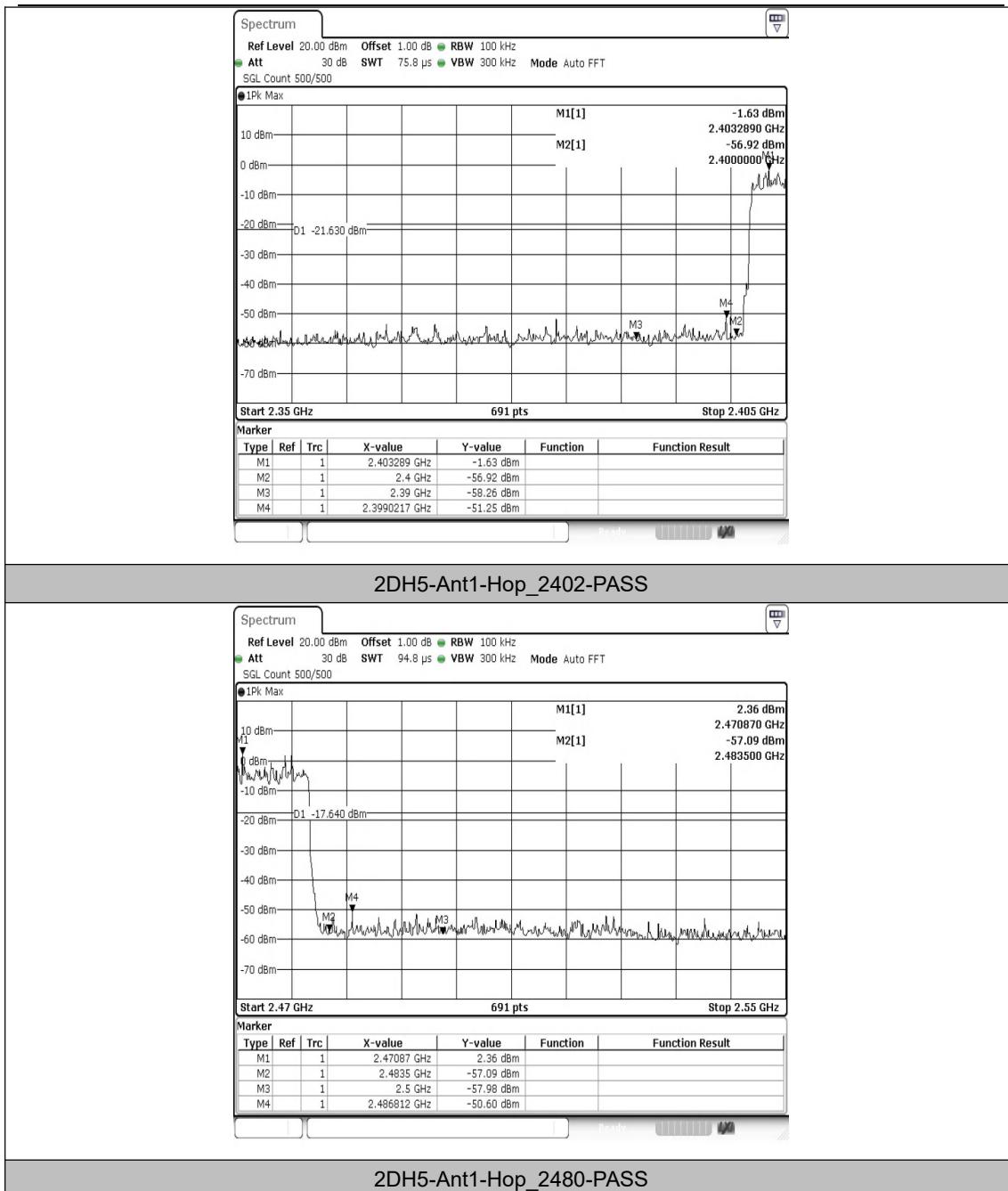
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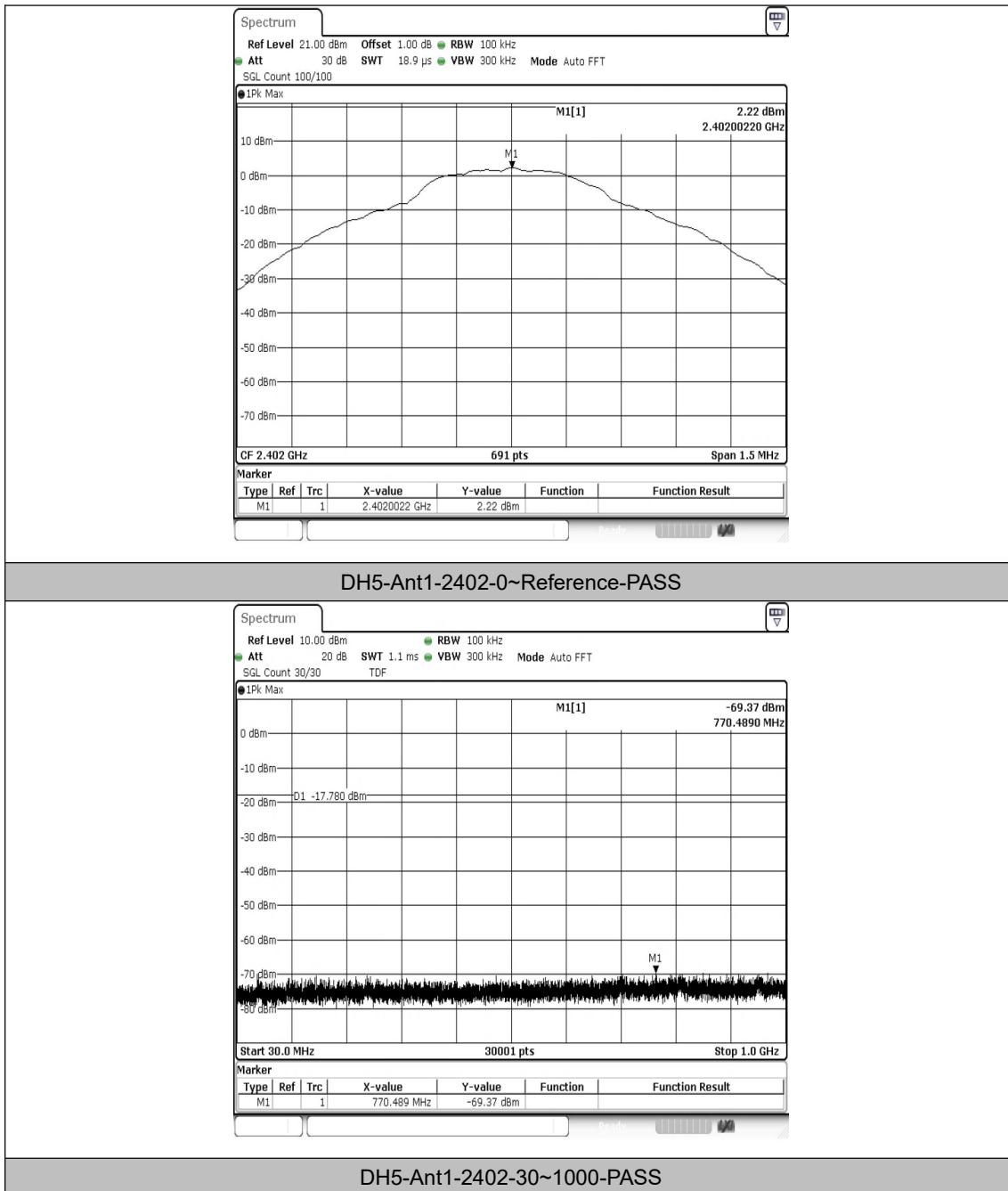
## Appendix H: Conducted Spurious Emission

### Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	2.22	2.22	---	PASS
DH5	Ant1	2402	30~1000	2.22	-69.37	≤-17.78	PASS
DH5	Ant1	2402	1000~26500	2.22	-41.73	≤-17.78	PASS
DH5	Ant1	2441	0~Reference	2.56	2.56	---	PASS
DH5	Ant1	2441	30~1000	2.56	-53.82	≤-17.44	PASS
DH5	Ant1	2441	1000~26500	2.56	-42.08	≤-17.44	PASS
DH5	Ant1	2480	0~Reference	1.81	1.81	---	PASS
DH5	Ant1	2480	30~1000	1.81	-68.39	≤-18.19	PASS
DH5	Ant1	2480	1000~26500	1.81	-43.16	≤-18.19	PASS
2DH5	Ant1	2402	0~Reference	1.93	1.93	---	PASS
2DH5	Ant1	2402	30~1000	1.93	-69.11	≤-18.07	PASS
2DH5	Ant1	2402	1000~26500	1.93	-42.74	≤-18.07	PASS
2DH5	Ant1	2441	0~Reference	1.81	1.81	---	PASS
2DH5	Ant1	2441	30~1000	1.81	-68.7	≤-18.19	PASS
2DH5	Ant1	2441	1000~26500	1.81	-42.92	≤-18.19	PASS
2DH5	Ant1	2480	0~Reference	2.34	2.34	---	PASS
2DH5	Ant1	2480	30~1000	2.34	-54.03	≤-17.66	PASS
2DH5	Ant1	2480	1000~26500	2.34	-39.3	≤-17.66	PASS

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

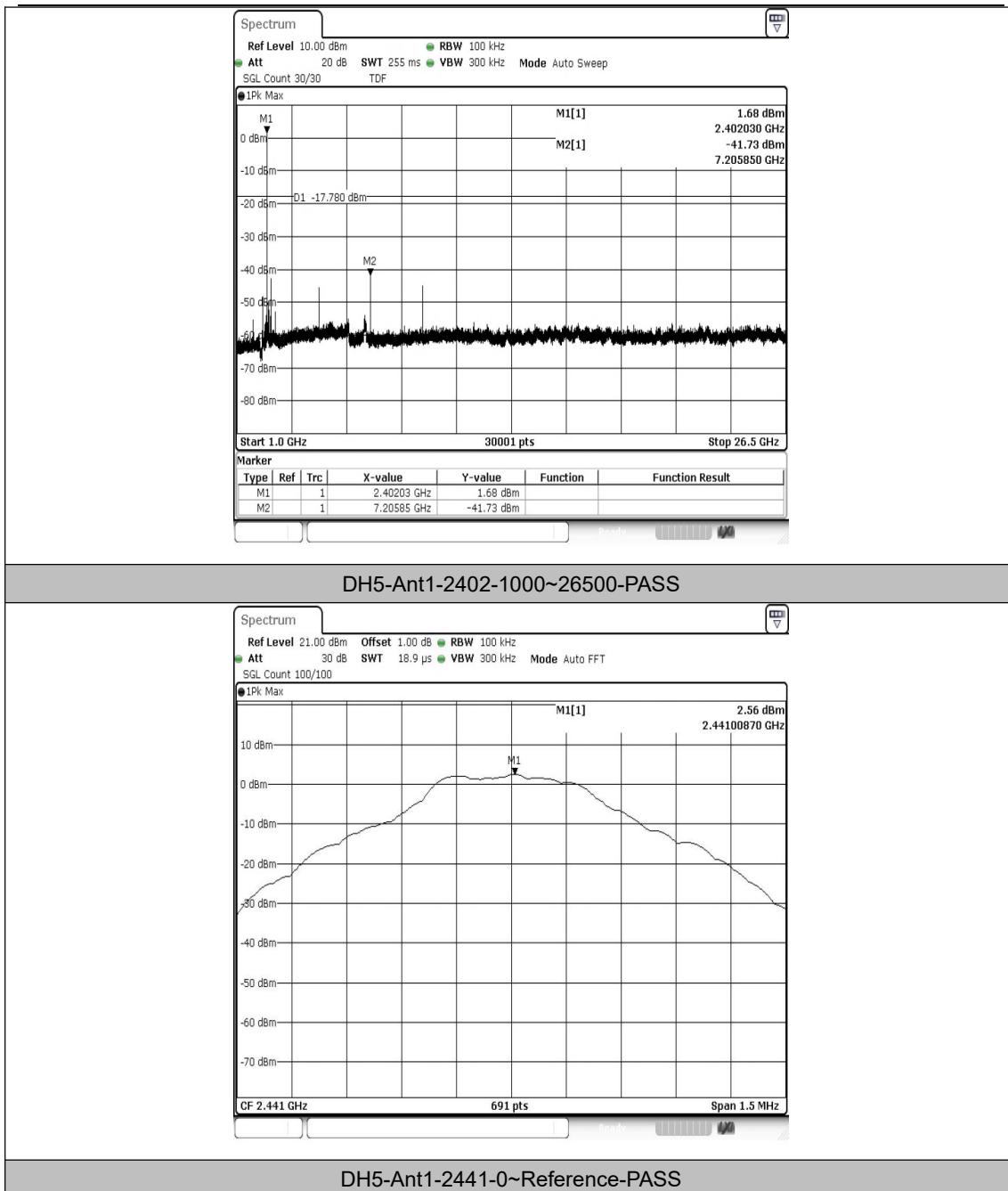
## Test Graphs



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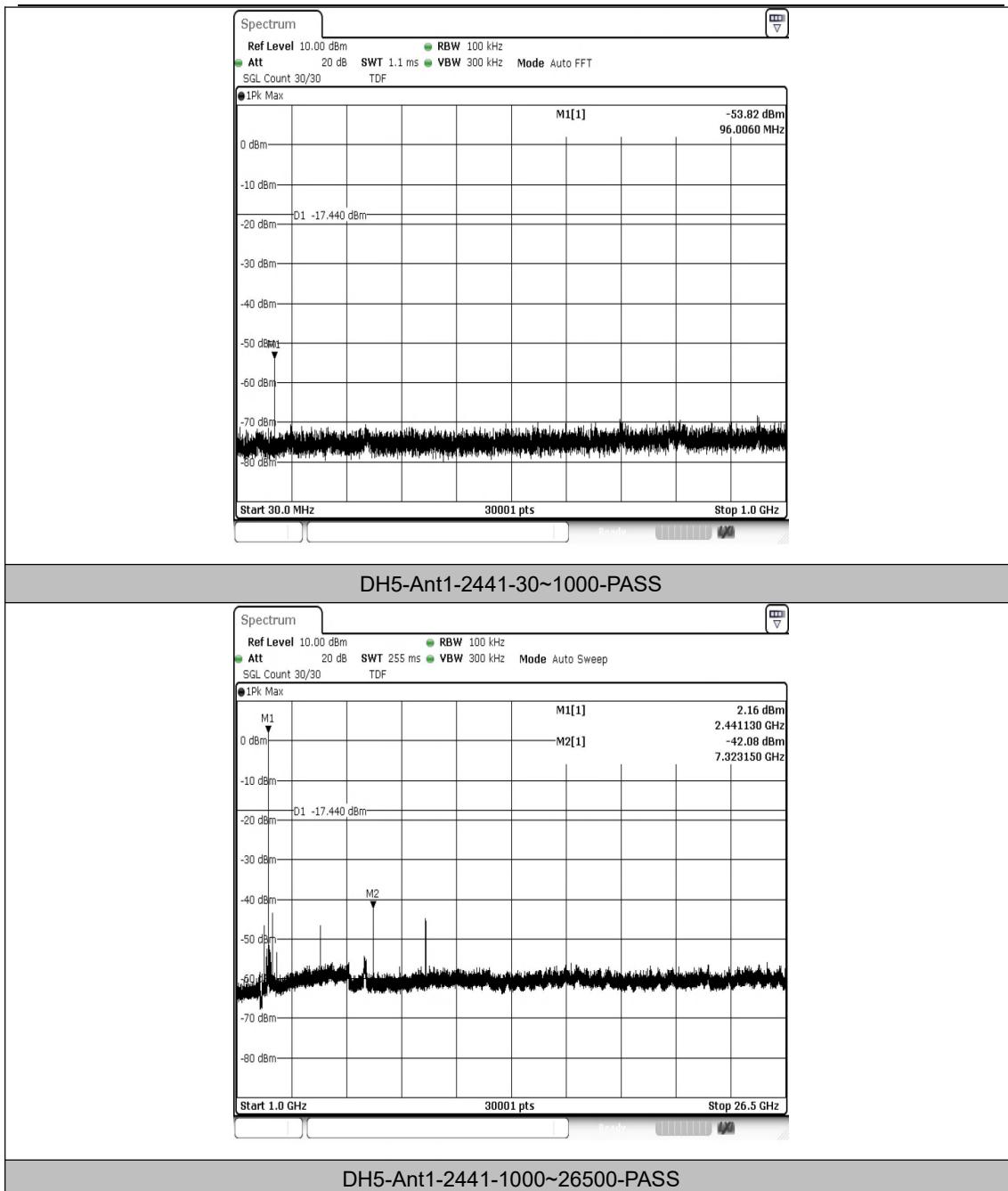
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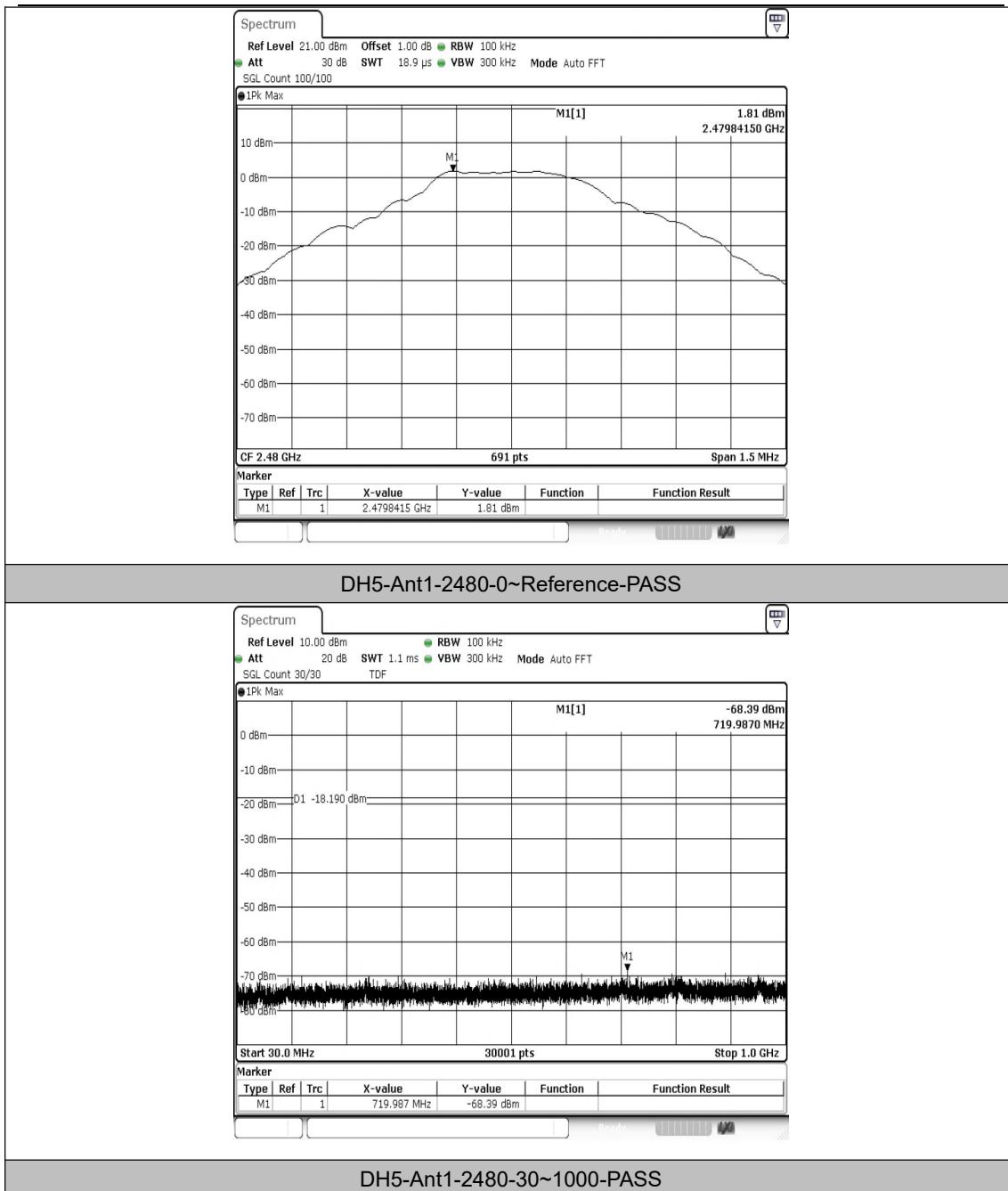
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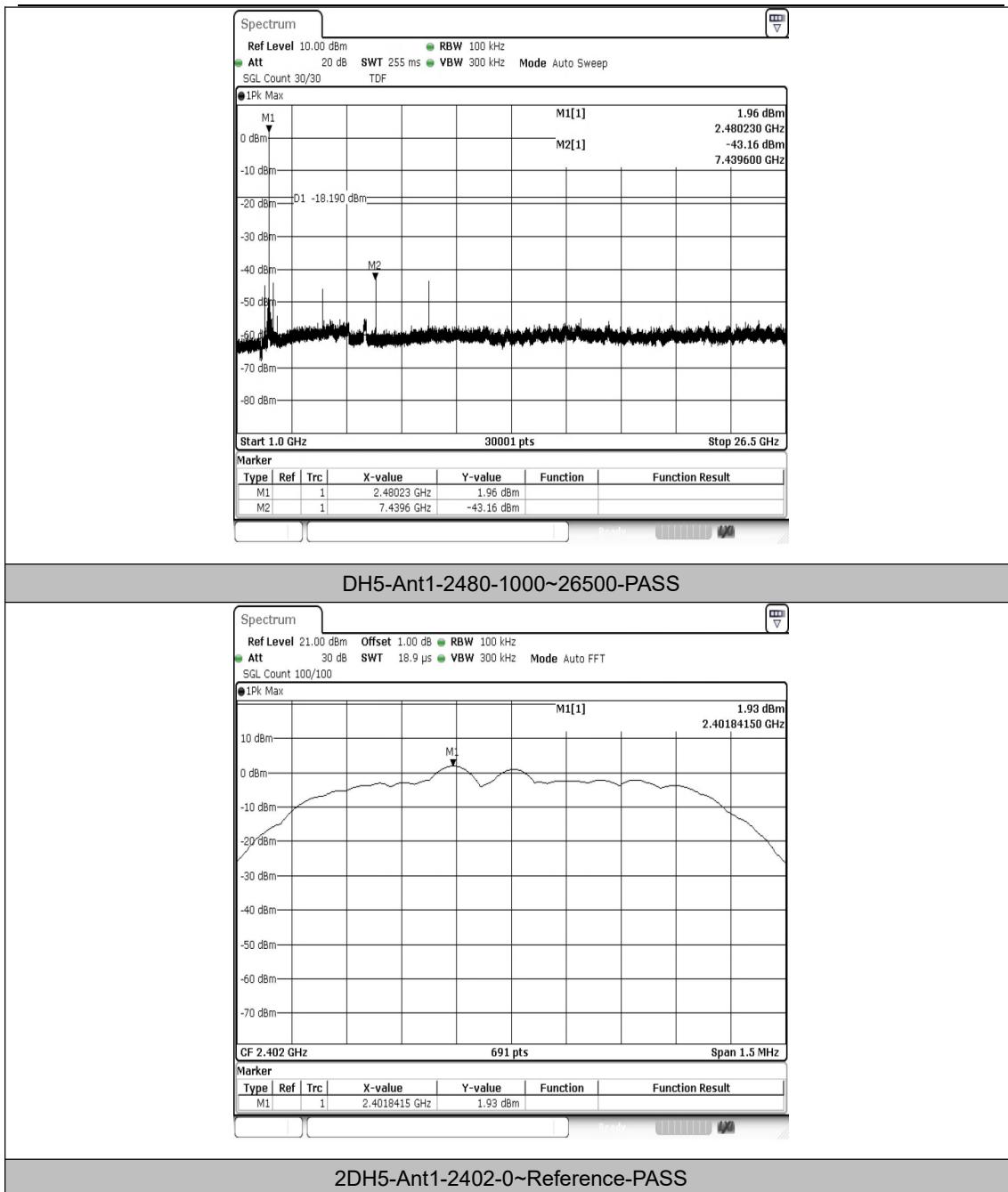
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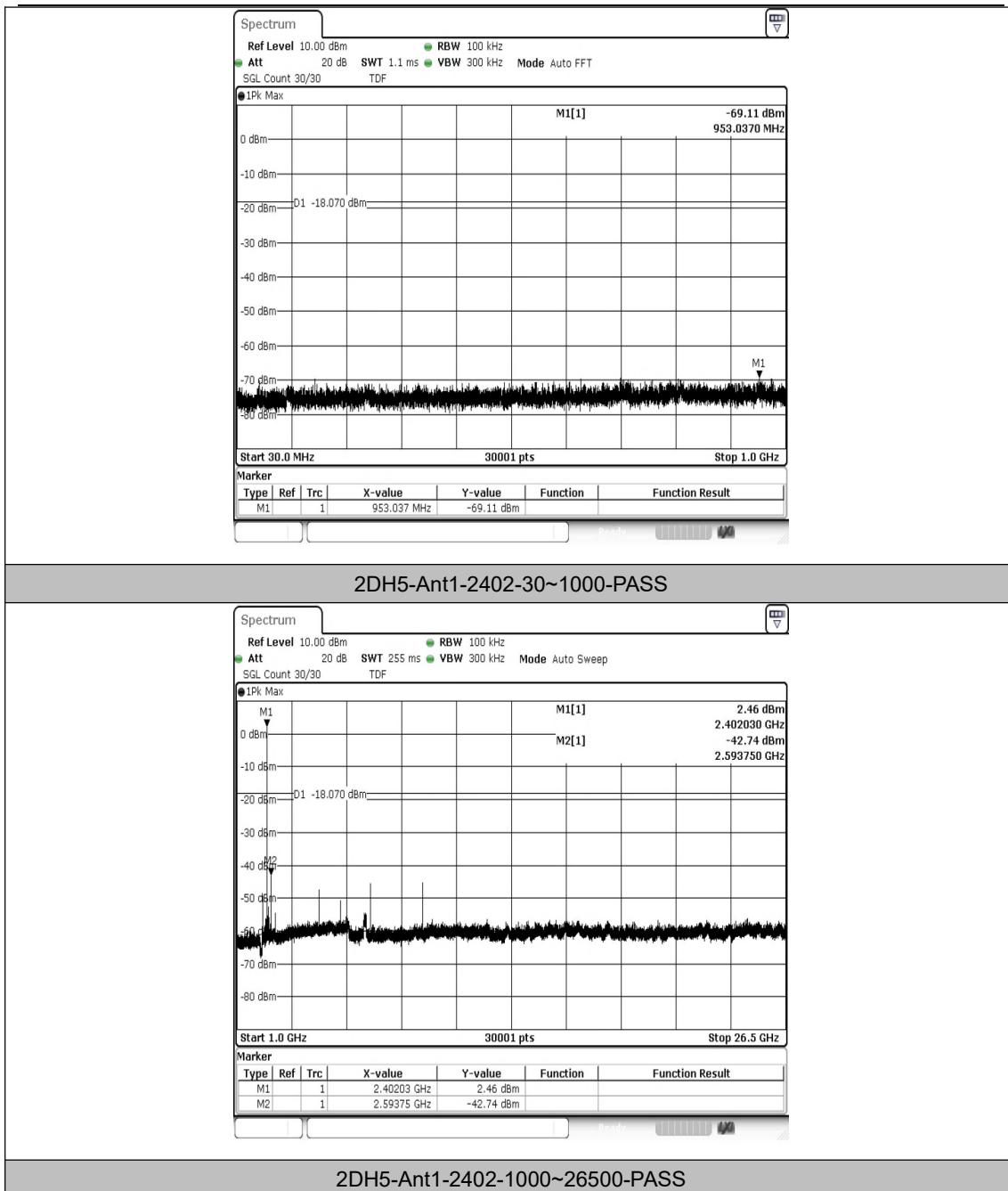
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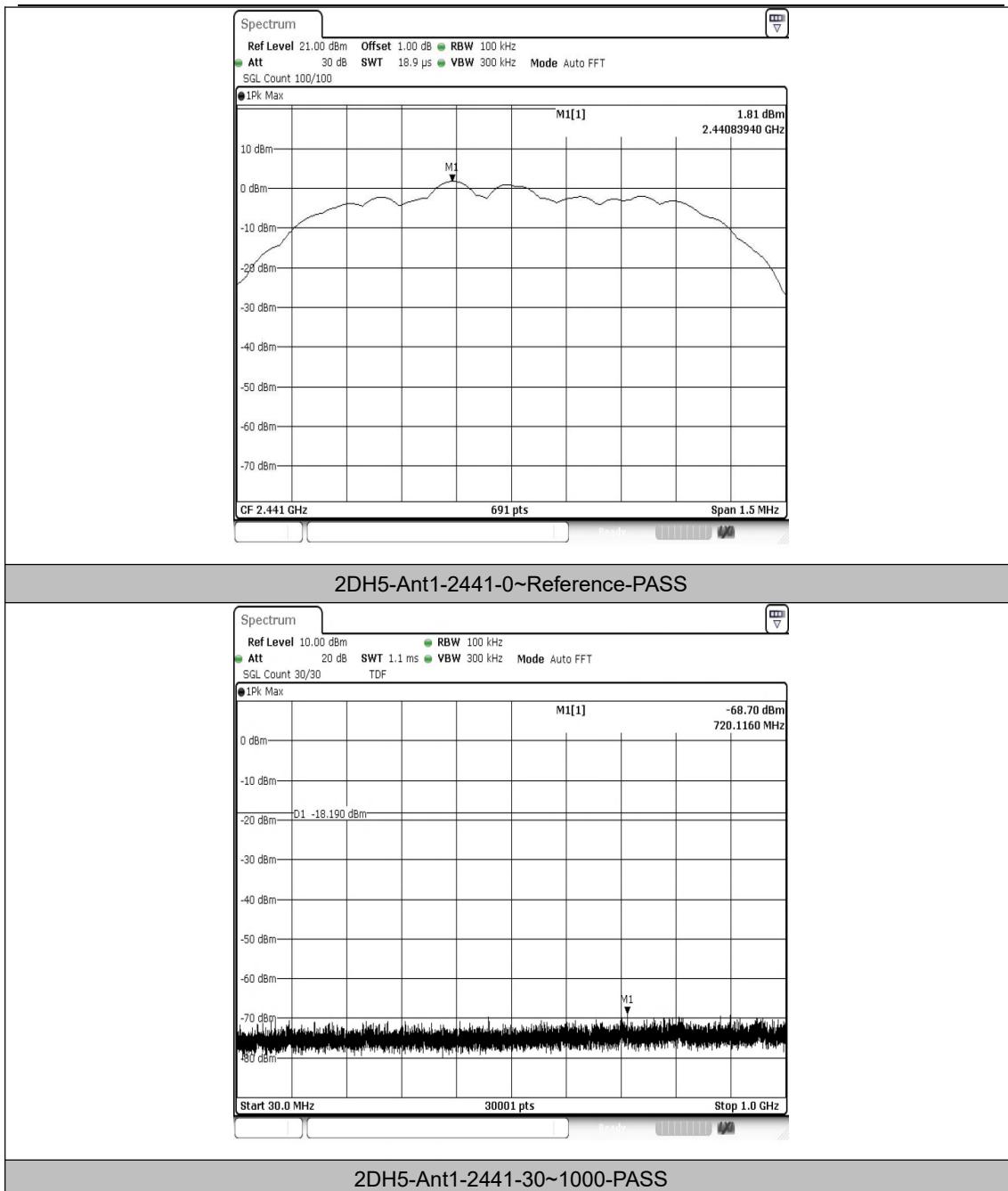
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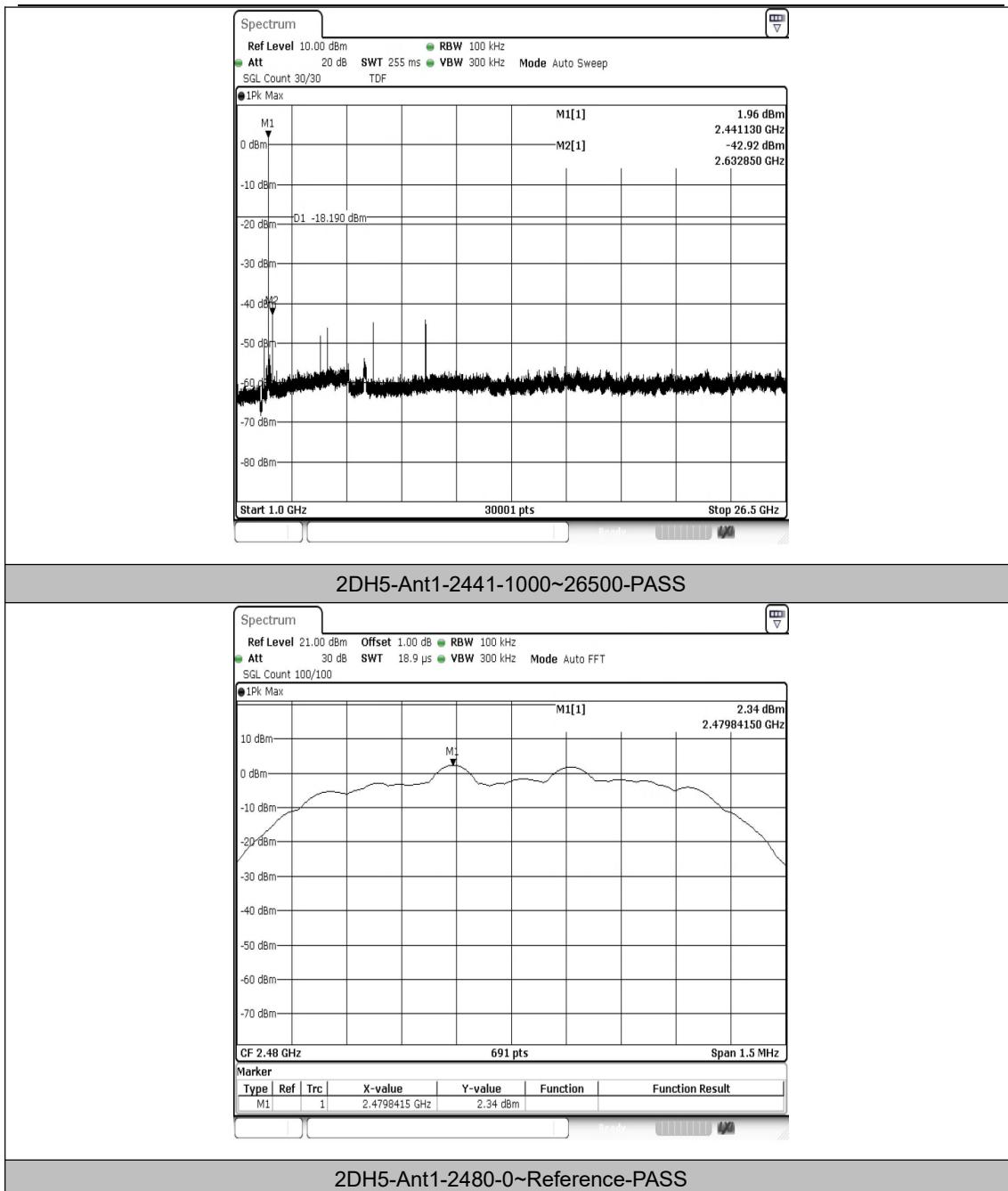
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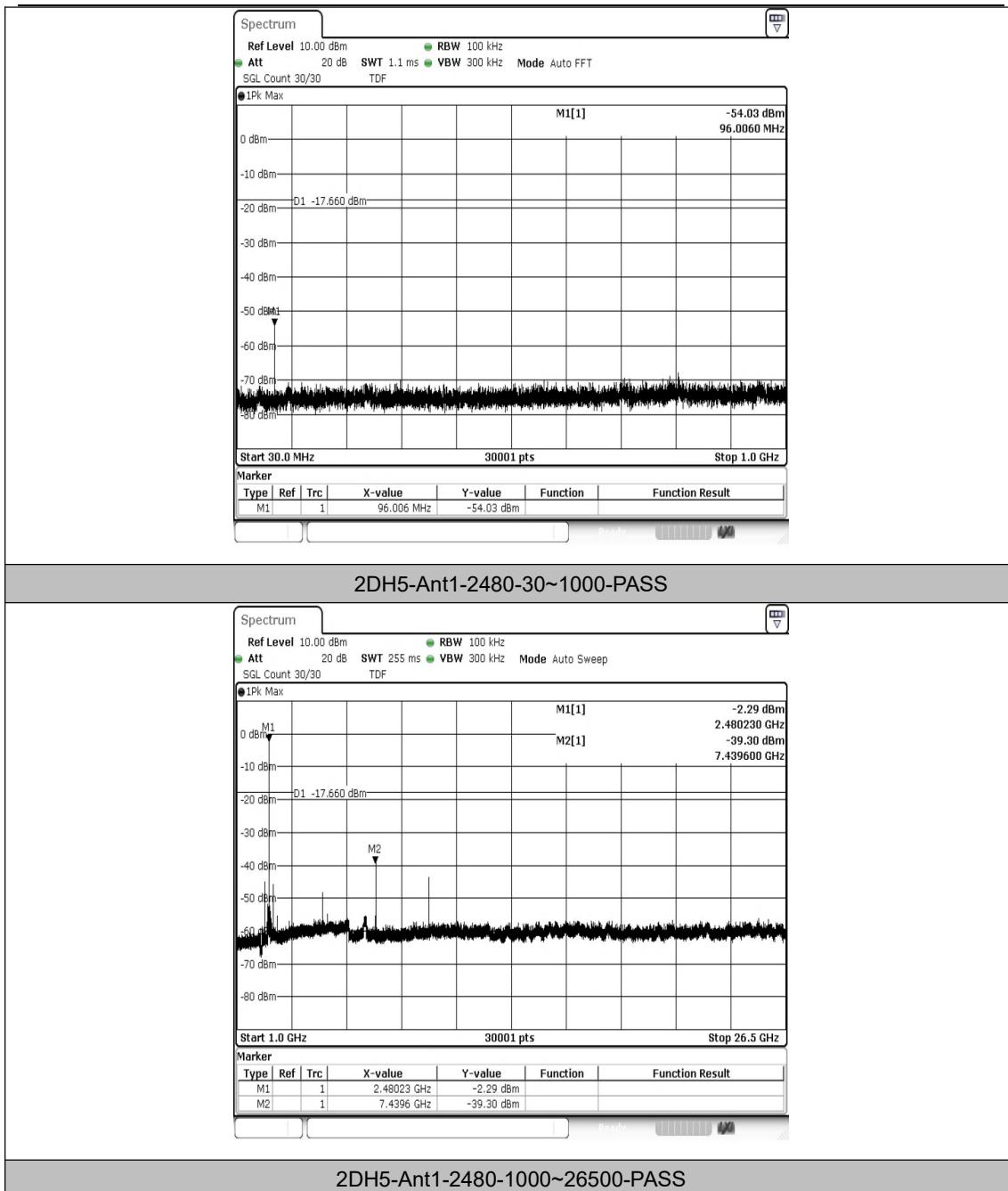
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## Appendix I: Duty Cycle

### Test Result

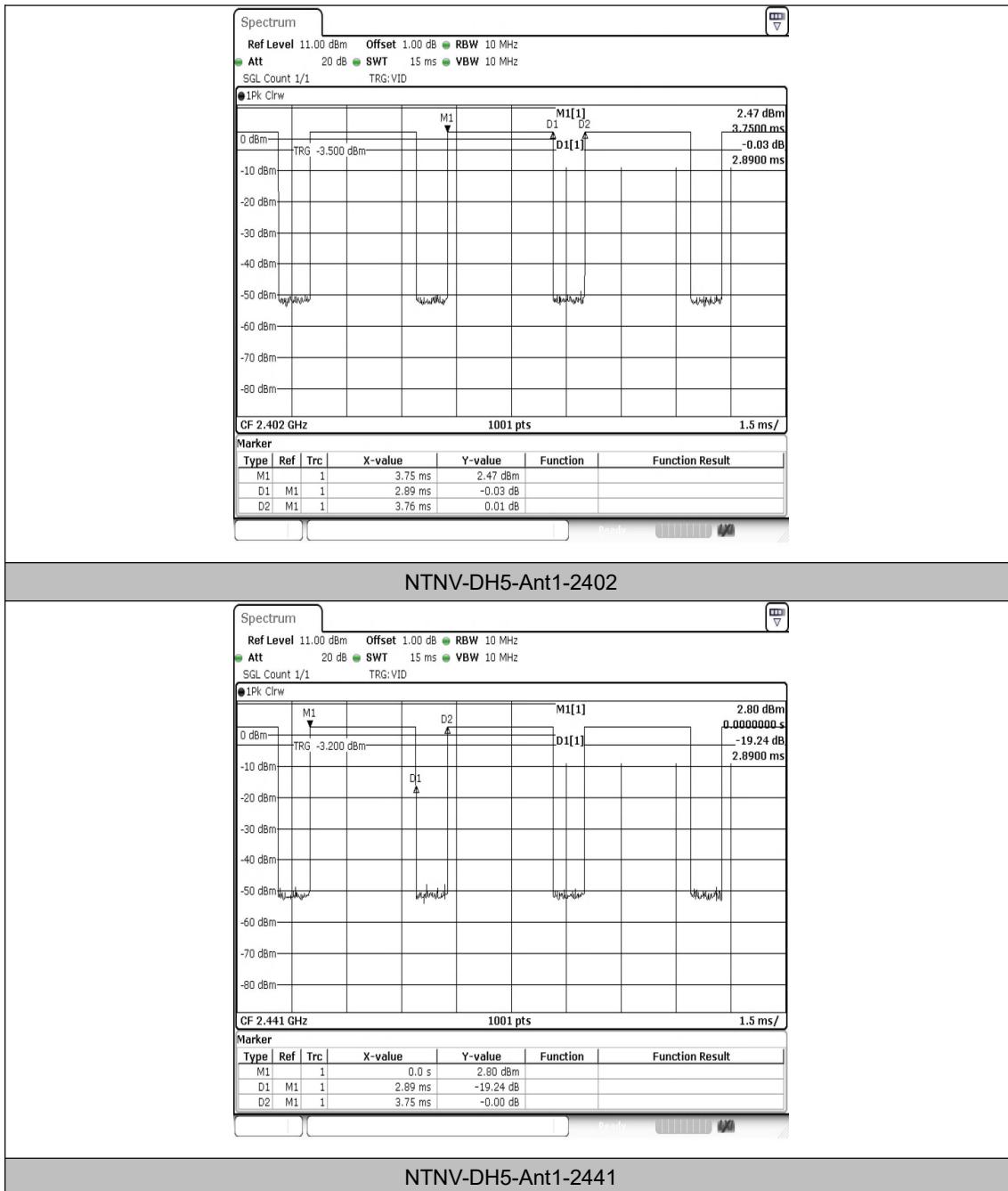
Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.89	3.76	76.86	1.14
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.76	76.86	1.14
2DH5	Ant1	2402	2.90	3.75	77.33	1.12
2DH5	Ant1	2441	2.89	3.75	77.07	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

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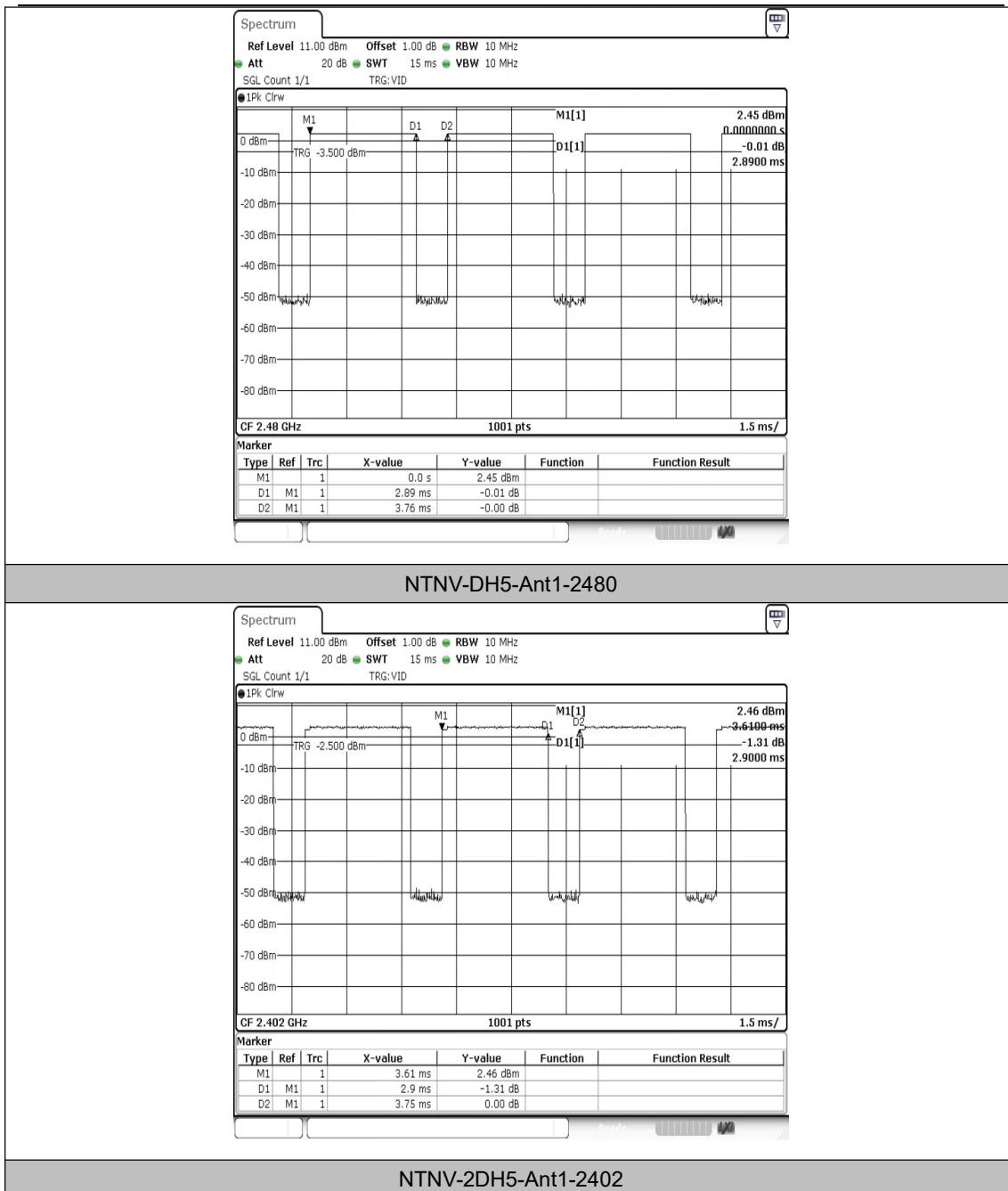
## Test Graphs



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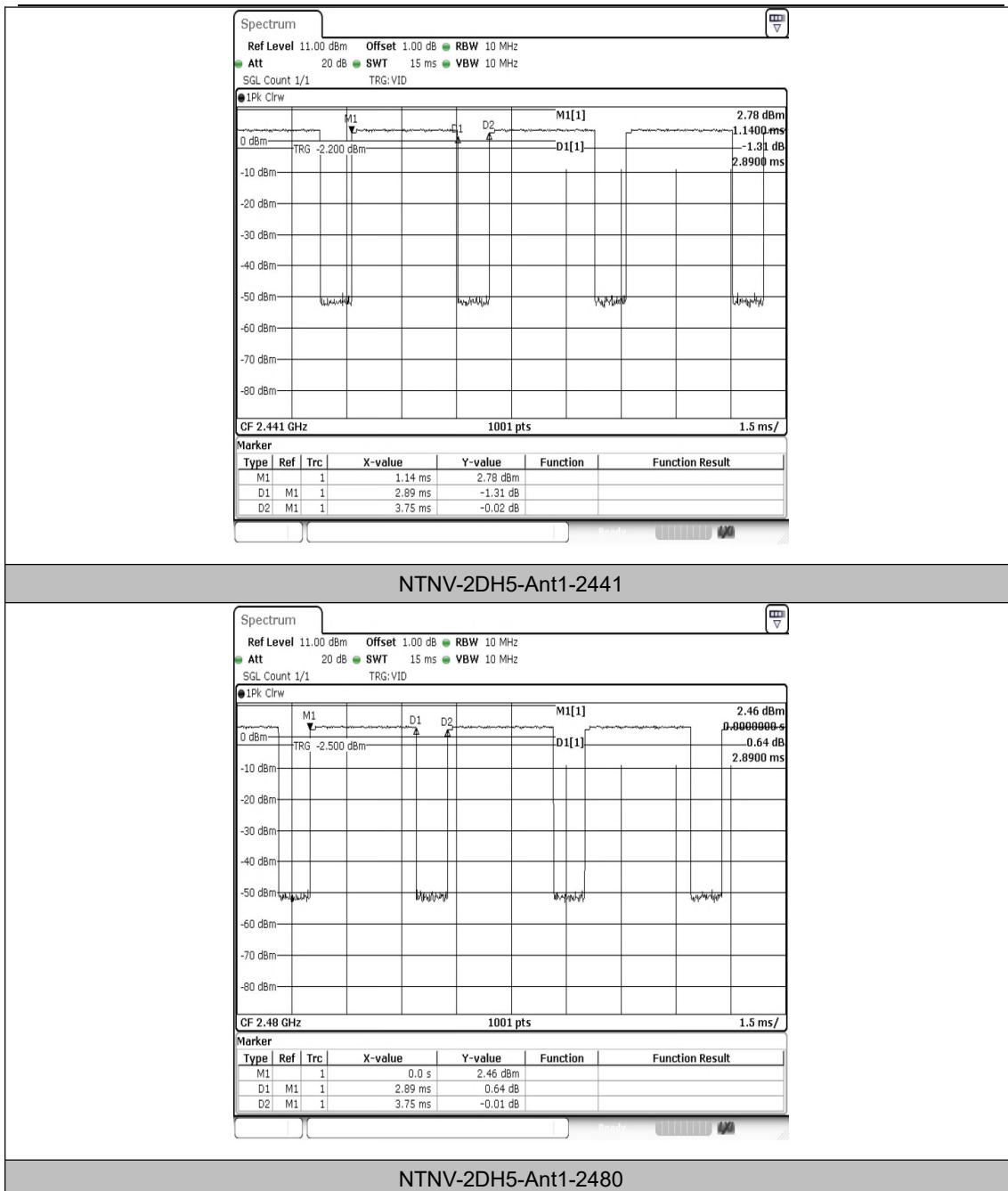
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