

Appendix Test Data for BT(BDR/EDR) (Conducted Measurement)

Product Name: Foldable Bluetooth CAT Headphones

Trade Mark: N/A

Test Model: YS-BT0192

FCC ID: 2AWHS-BT0192

Environmental Conditions

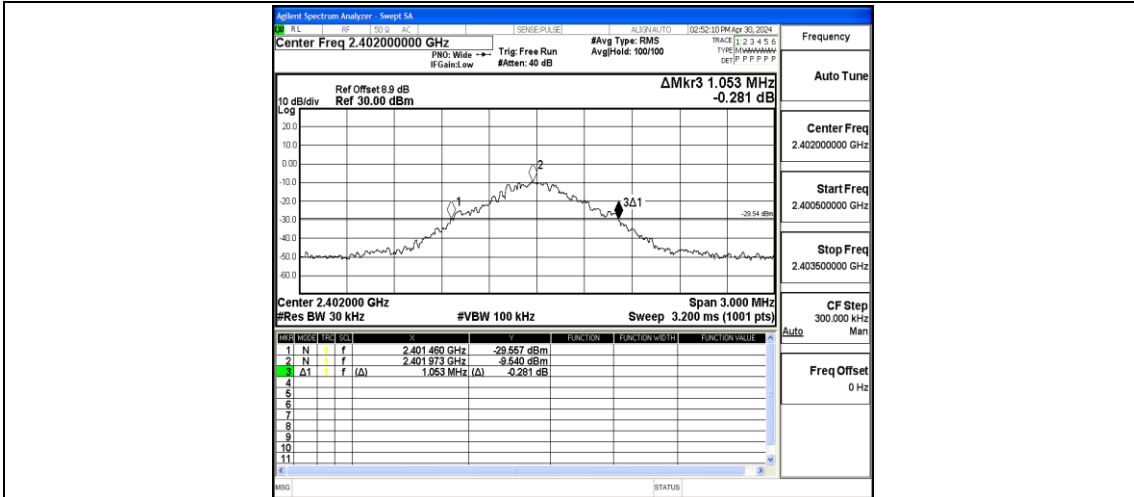
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Allen Lai
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A: 20dB Emission Bandwidth

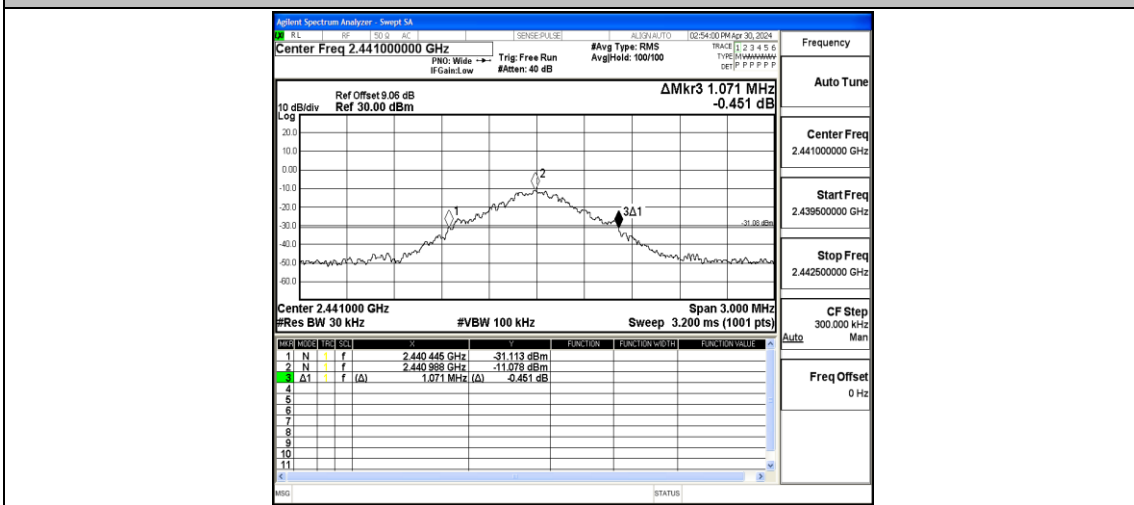
Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.053	2401.460	2402.513	---	---
DH5	Ant1	2441	1.071	2440.445	2441.516	---	---
DH5	Ant1	2480	1.071	2479.451	2480.522	---	---
2DH5	Ant1	2402	1.347	2401.328	2402.675	---	---
2DH5	Ant1	2441	1.350	2440.322	2441.672	---	---
2DH5	Ant1	2480	1.347	2479.313	2480.660	---	---

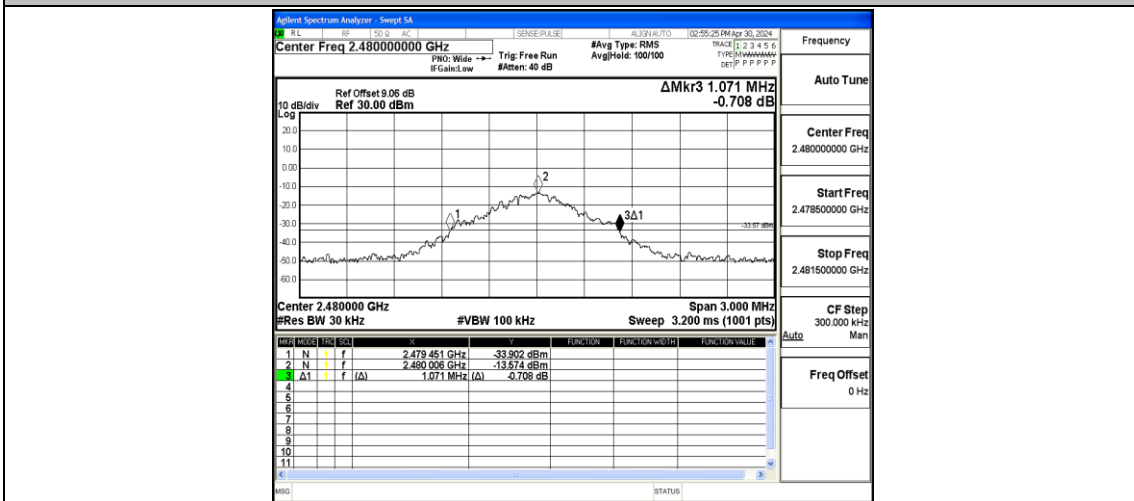
Test Graphs



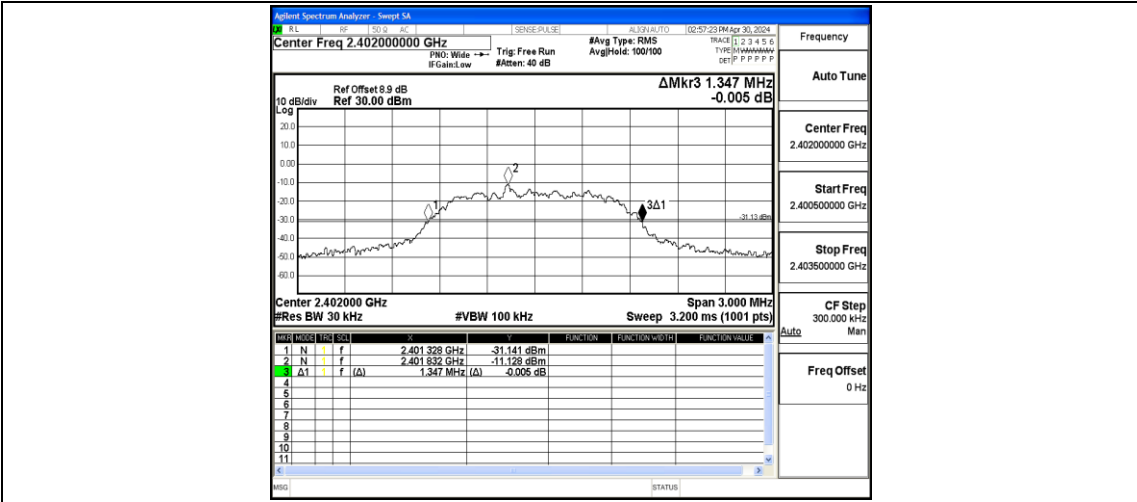
DH5-Ant1-2402



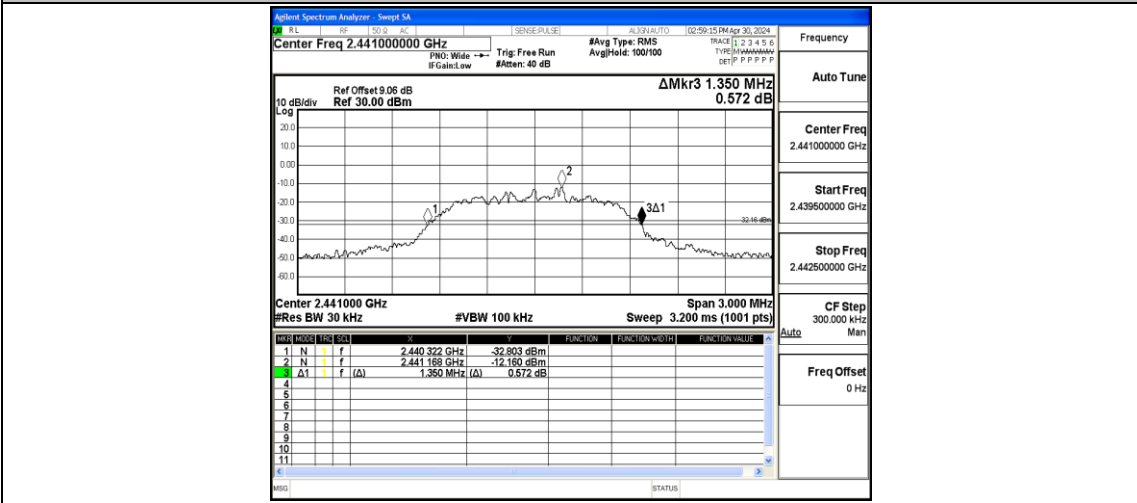
DH5-Ant1-2441



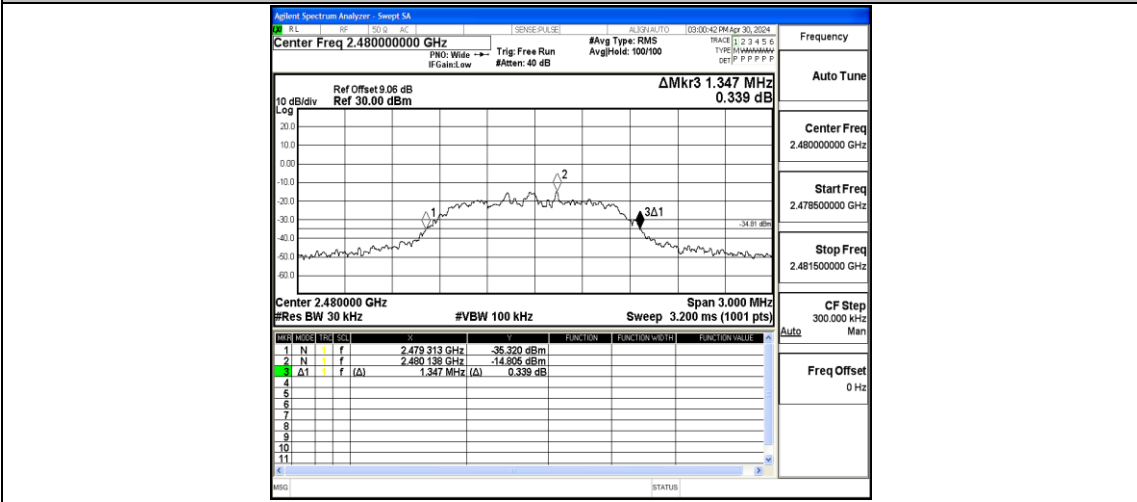
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



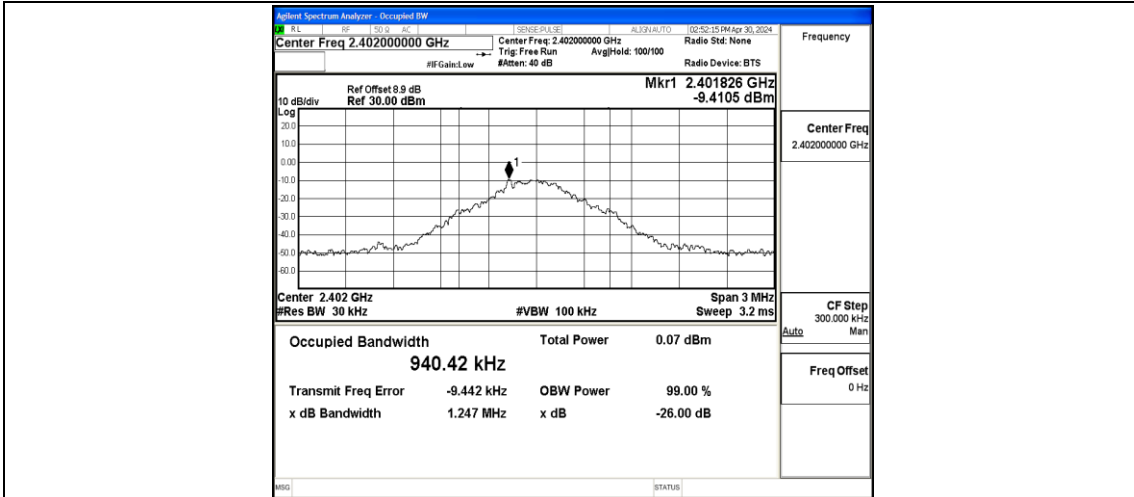
2DH5-Ant1-2480

Appendix B: Occupied Channel Bandwidth

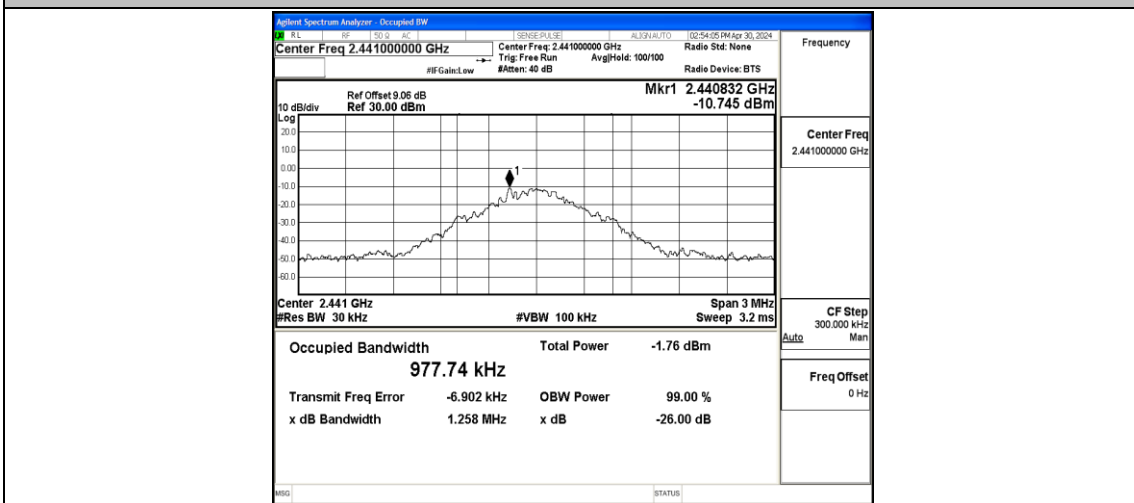
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.94042	2401.5204	2402.4608	---	---
DH5	Ant1	2441	0.97774	2440.5042	2441.4820	---	---
DH5	Ant1	2480	0.99899	2479.4910	2480.4900	---	---
2DH5	Ant1	2402	1.2350	2401.3818	2402.6168	---	---
2DH5	Ant1	2441	1.2428	2440.3792	2441.6220	---	---
2DH5	Ant1	2480	1.2524	2479.3750	2480.6274	---	---

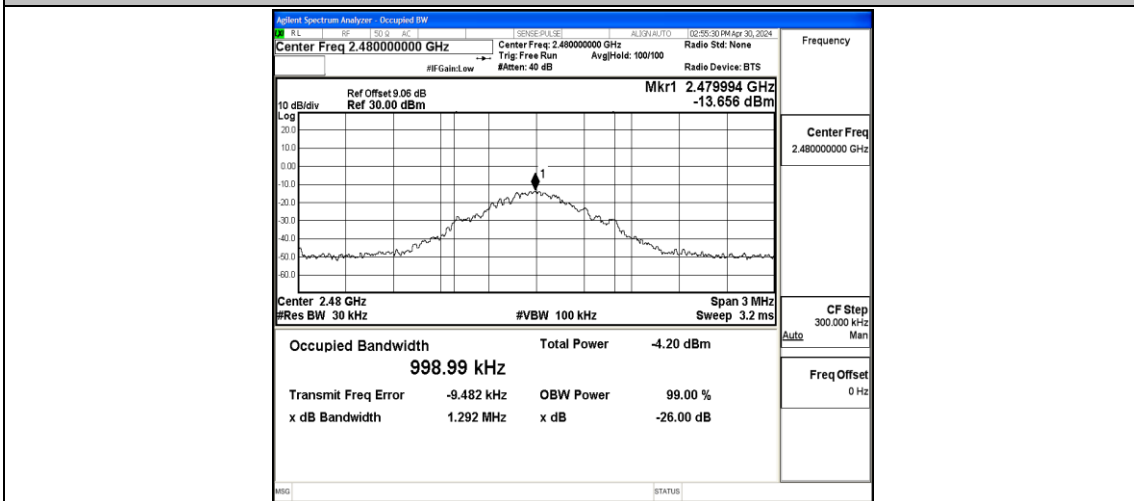
Test Graphs



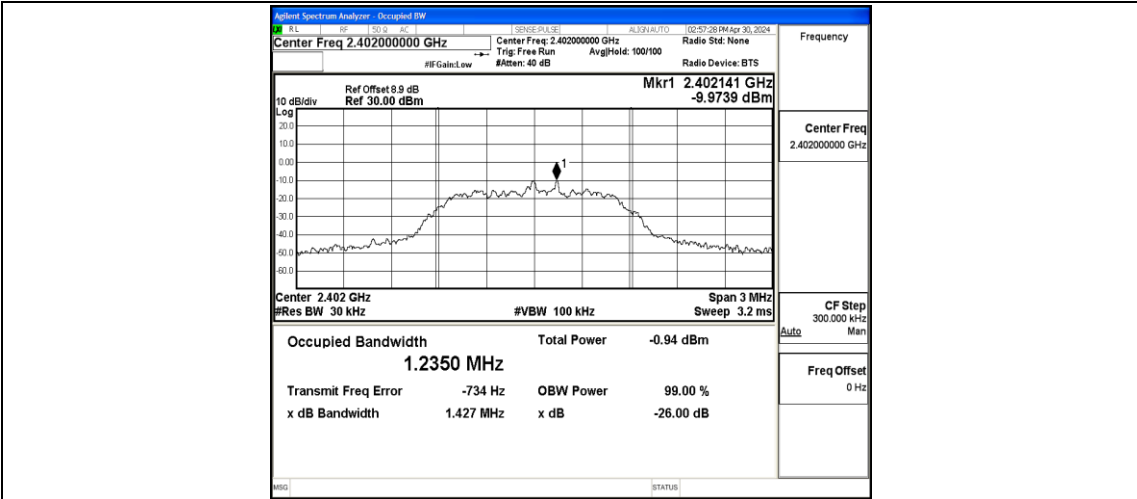
DH5-Ant1-2402



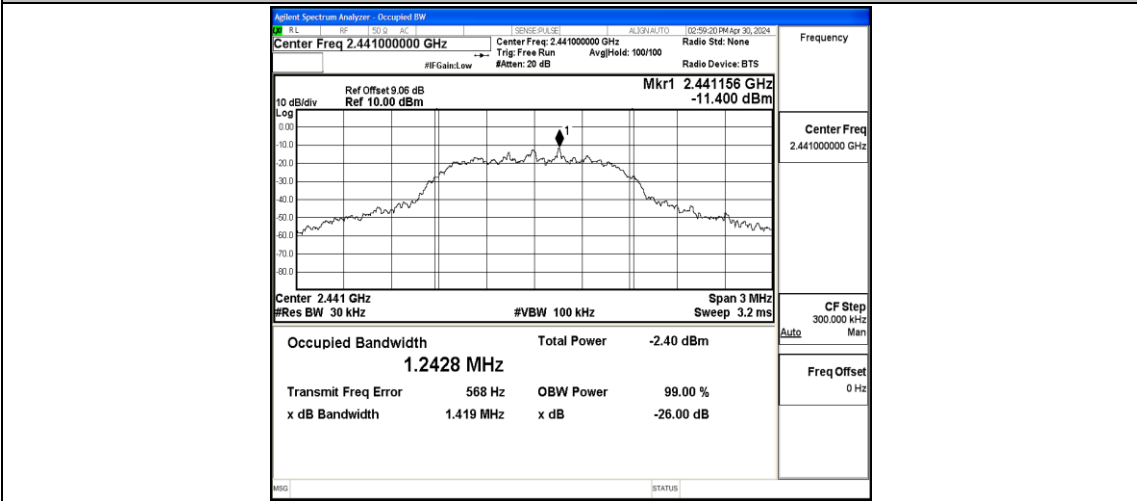
DH5-Ant1-2441



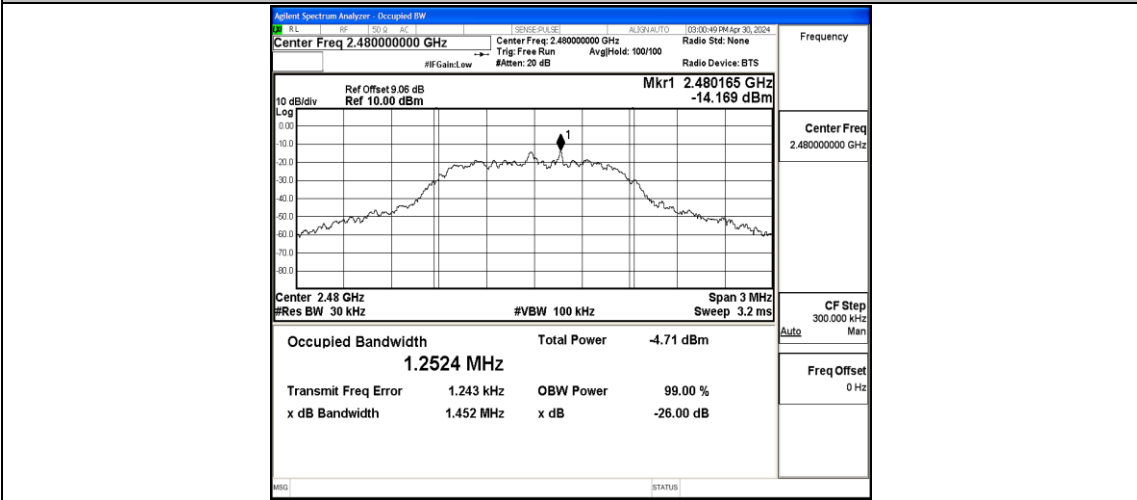
DH5-Ant1-2480



2DH5-Ant1-2402



2DH5-Ant1-2441



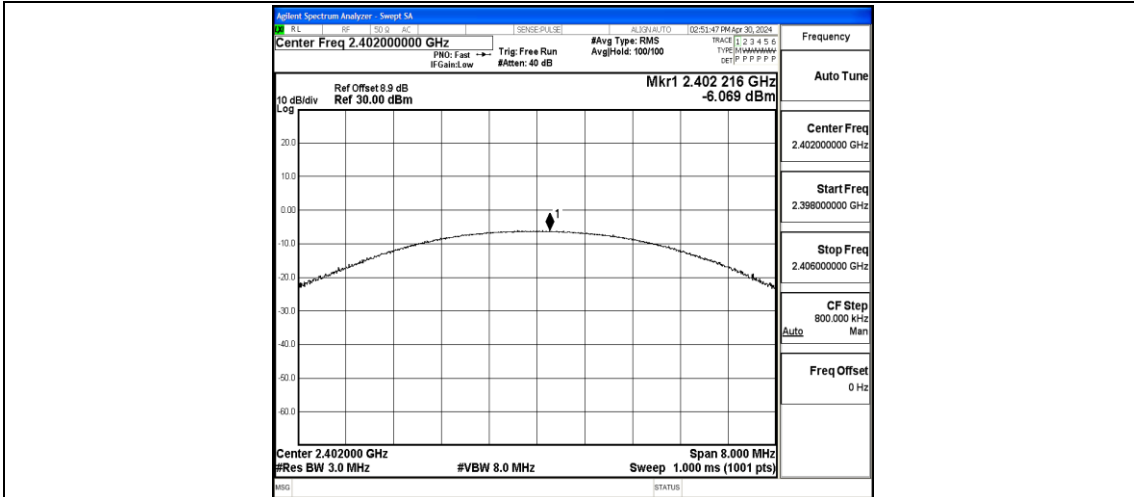
2DH5-Ant1-2480

Appendix C: Maximum peak conducted output power

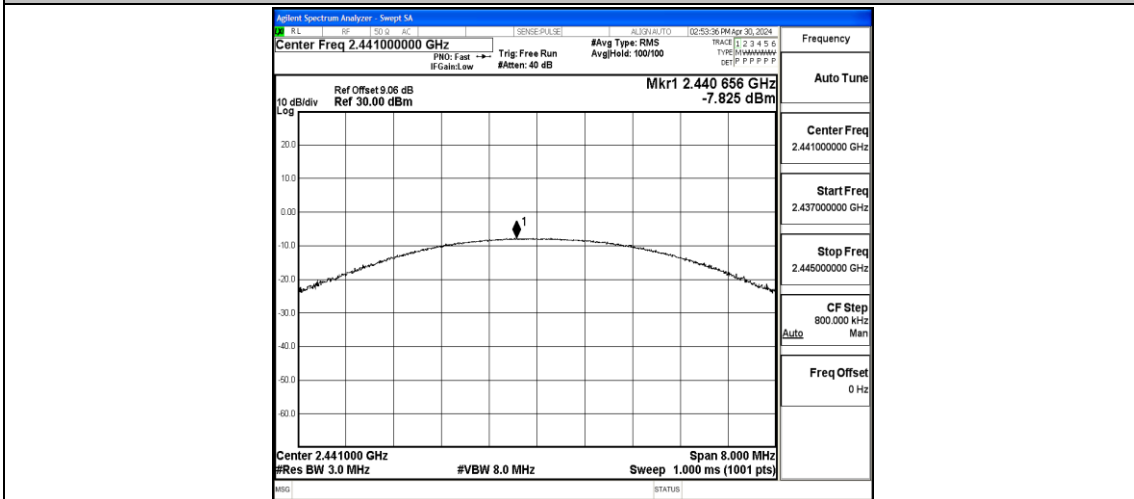
Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-6.07	≤30	PASS
DH5	Ant1	2441	-7.83	≤30	PASS
DH5	Ant1	2480	-9.61	≤30	PASS
2DH5	Ant1	2402	-5.79	≤30	PASS
2DH5	Ant1	2441	-7.21	≤30	PASS
2DH5	Ant1	2480	-9.22	≤30	PASS

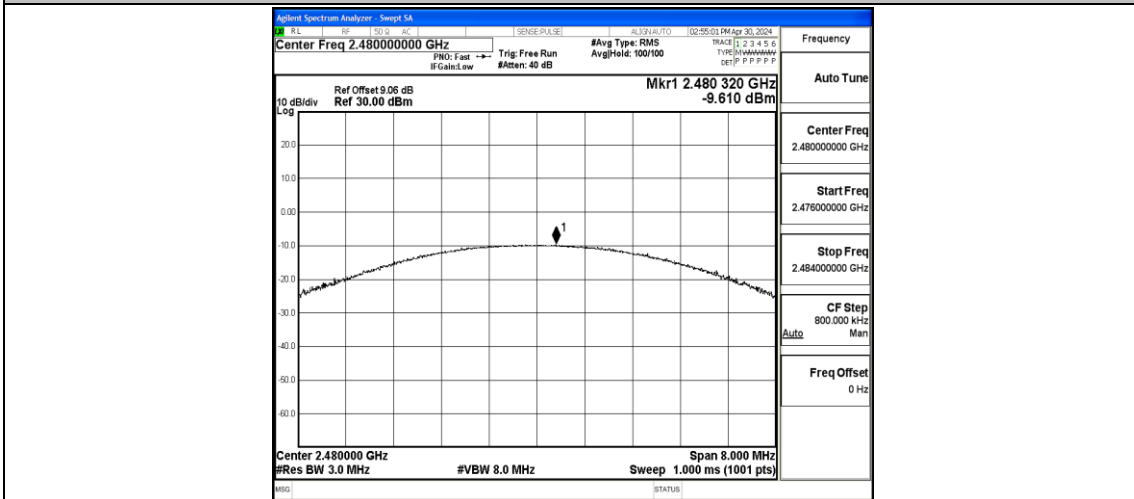
Test Graphs



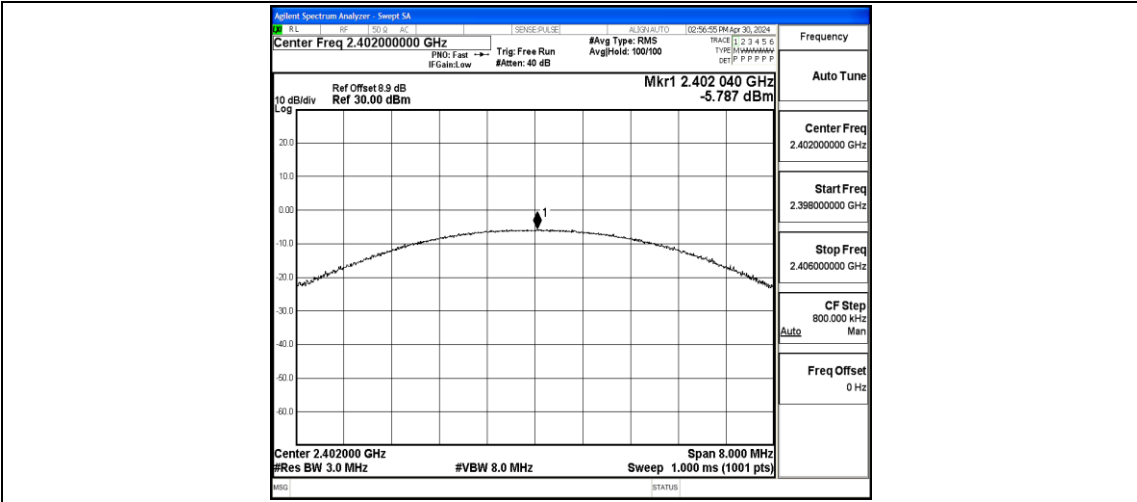
DH5-Ant1-2402-PASS



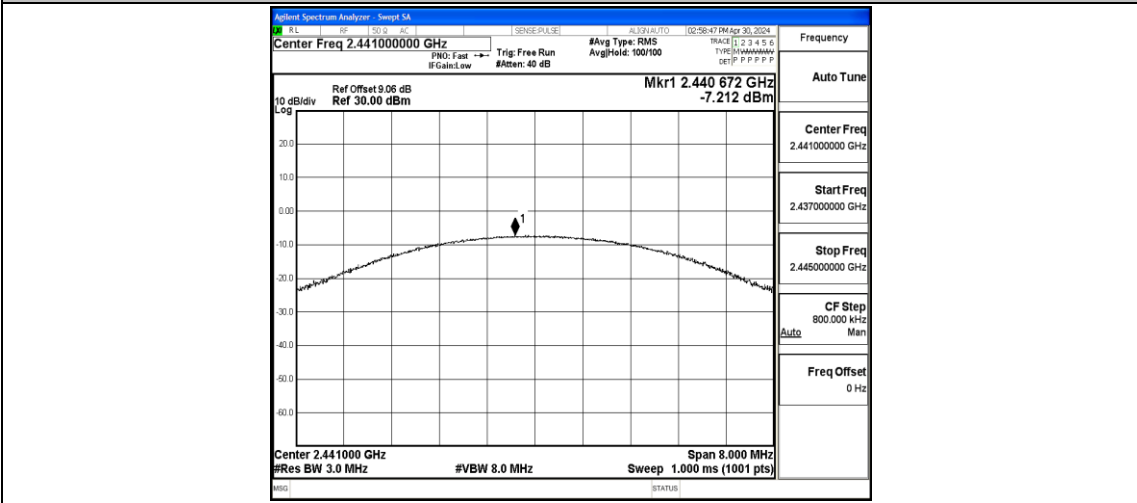
DH5-Ant1-2441-PASS



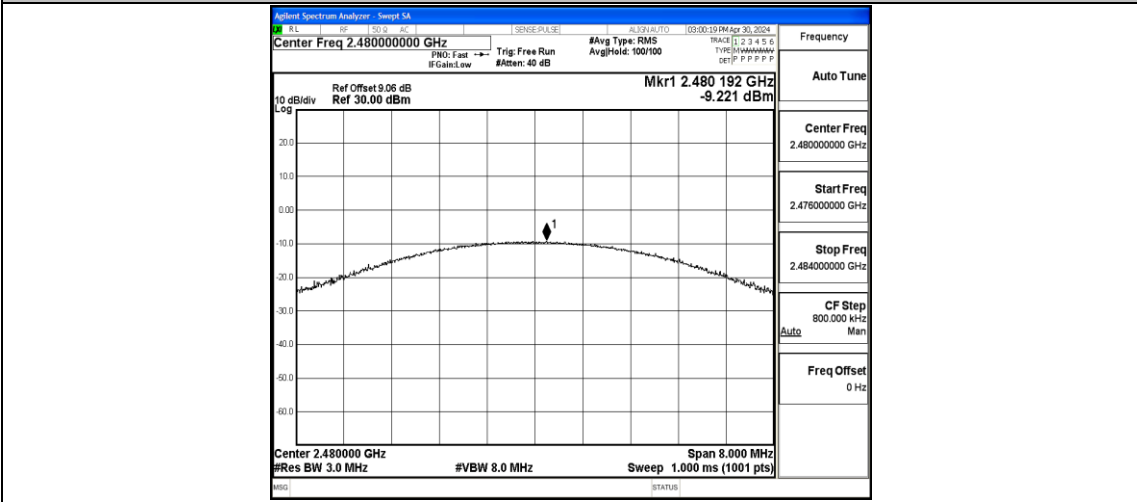
DH5-Ant1-2480-PASS



2DH5-Ant1-2402-PASS



2DH5-Ant1-2441-PASS



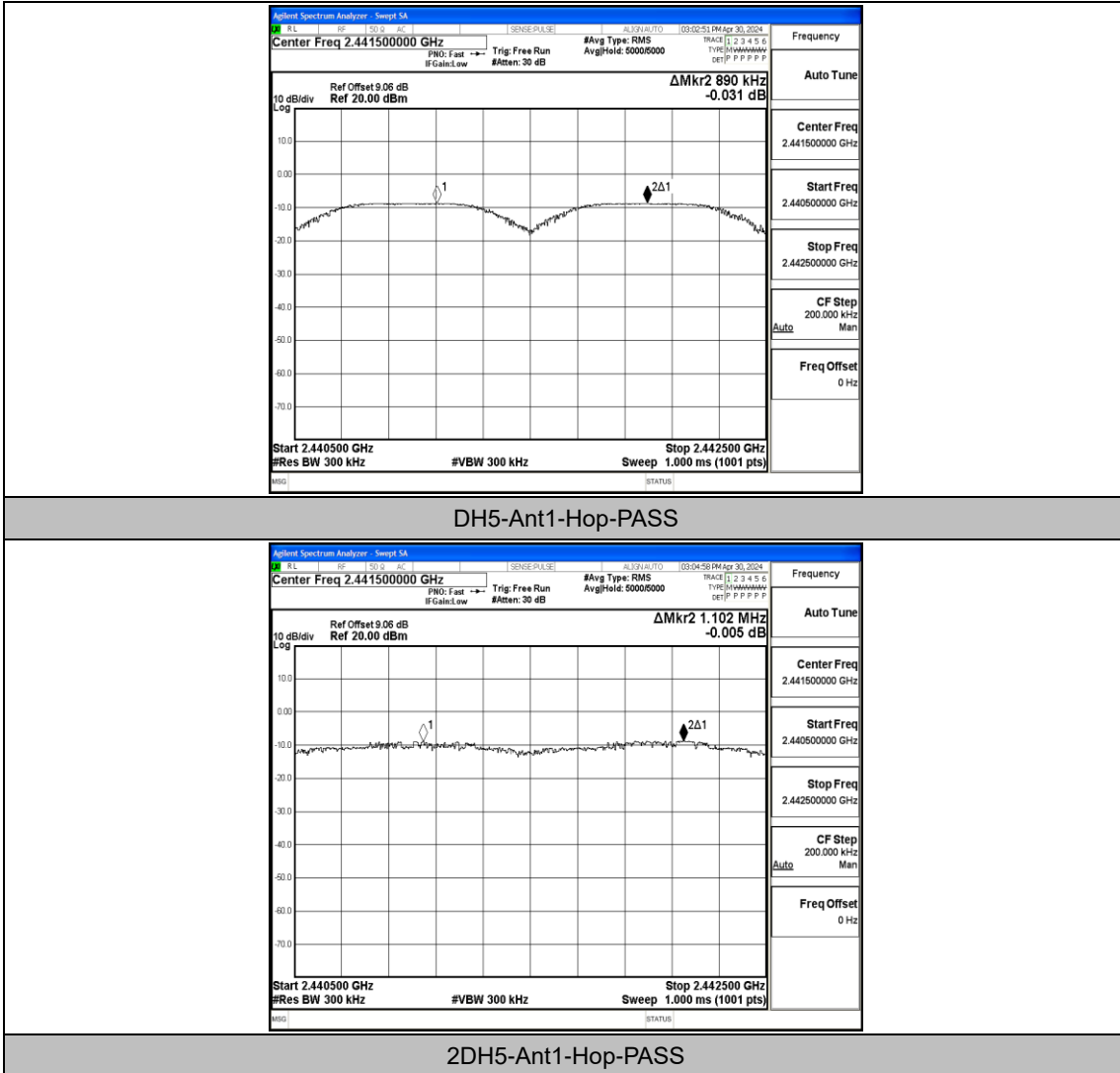
2DH5-Ant1-2480-PASS

Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.89	≥ 0.714	PASS
2DH5	Ant1	Hop	1.102	≥ 0.900	PASS

Test Graphs

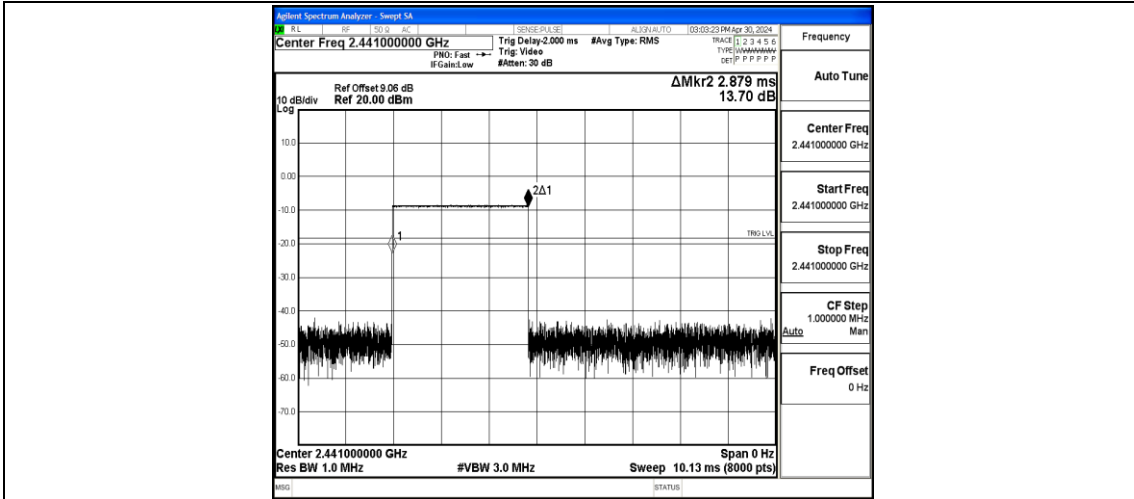


Appendix E: Time of occupancy

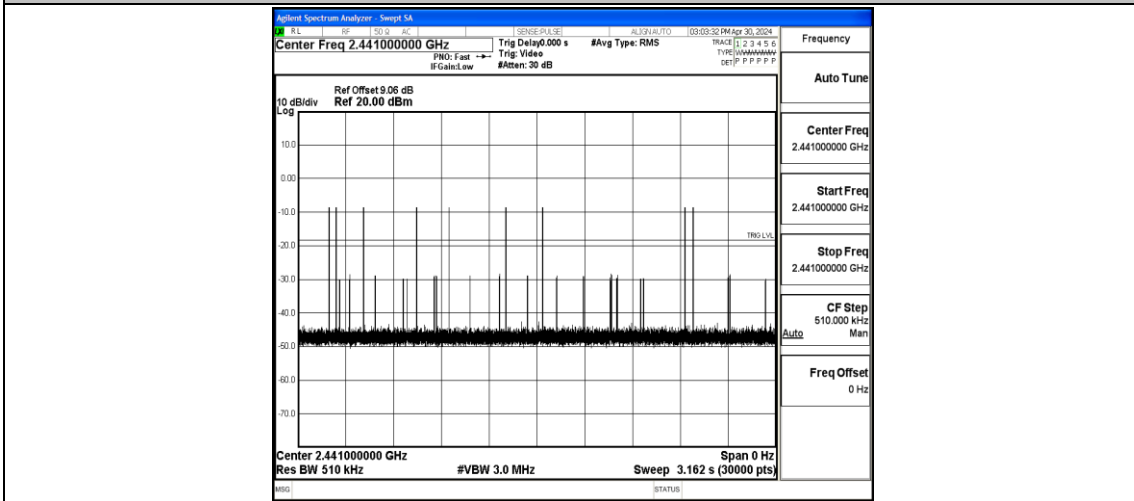
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.879	100	0.288	≤0.4	PASS
2DH5	Ant1	Hop	2.885	110	0.317	≤0.4	PASS

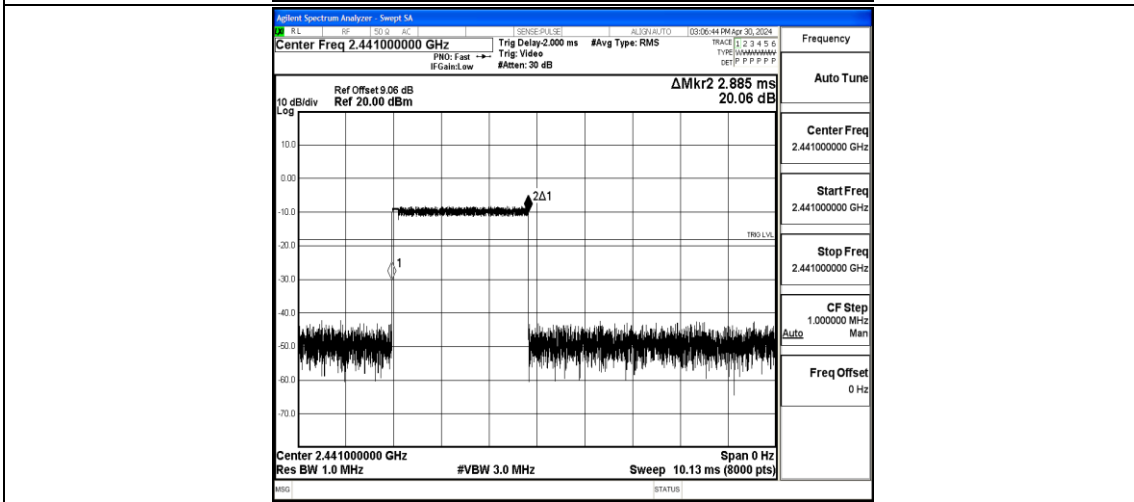
Test Graphs

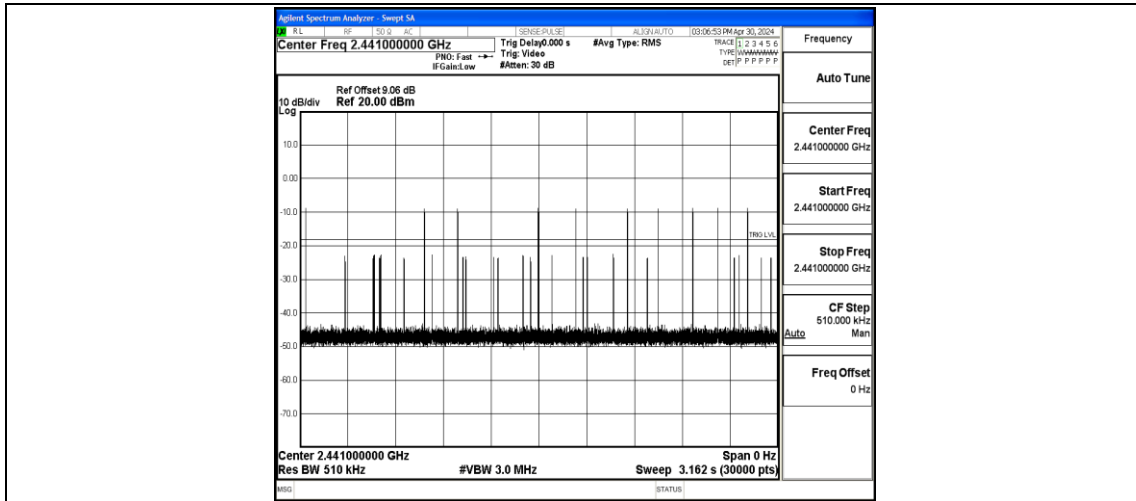


DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS





Appendix F: Number of hopping channels

Test Result

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

Test Graphs

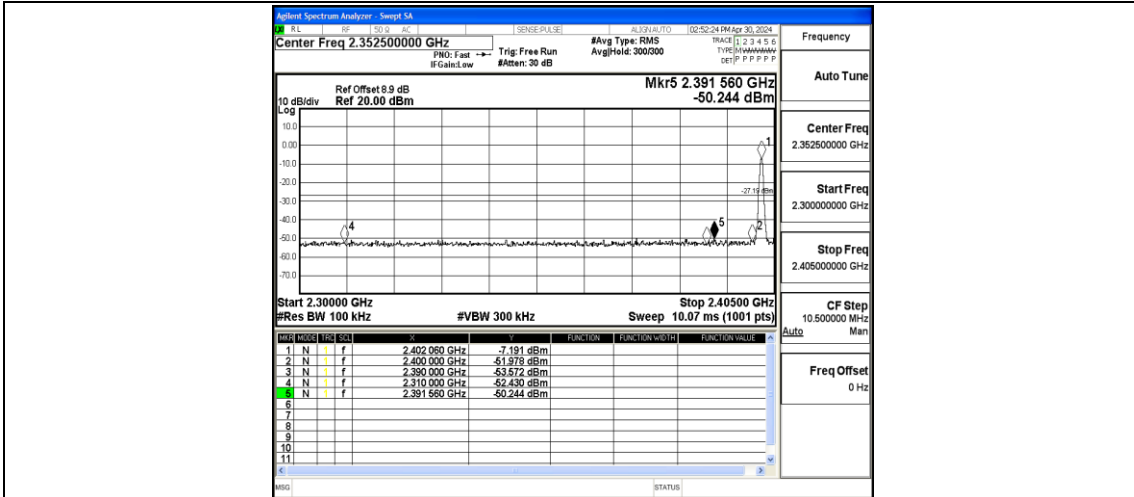


Appendix G: Band edge measurements

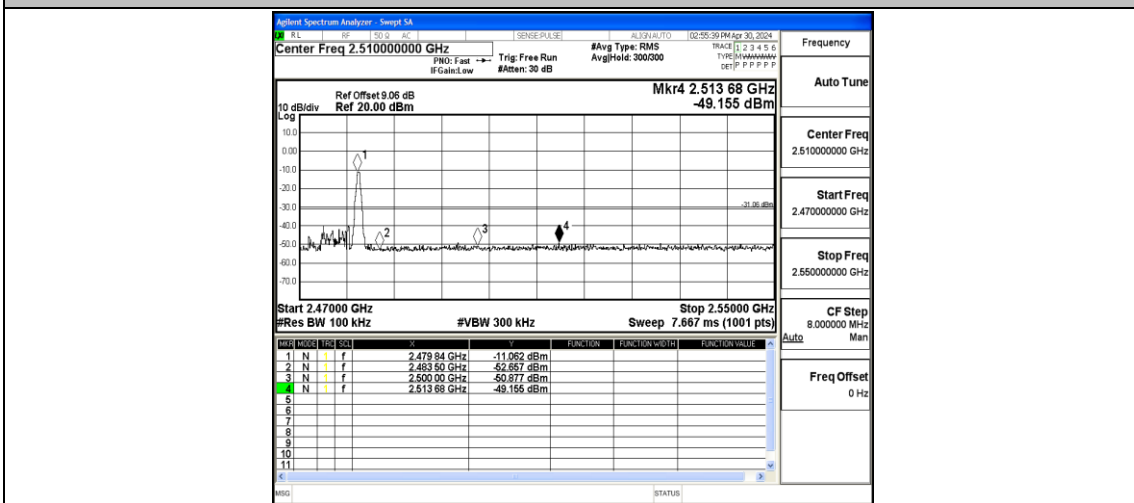
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-7.19	-50.24	≤-27.19	PASS
DH5	Ant1	High	2480	-11.06	-49.16	≤-31.06	PASS
DH5	Ant1	Low	Hop_2402	-7.77	-50.73	≤-27.77	PASS
DH5	Ant1	High	Hop_2480	-10.78	-48.52	≤-30.78	PASS
2DH5	Ant1	Low	2402	-7.08	-49.88	≤-27.08	PASS
2DH5	Ant1	High	2480	-11.00	-49.07	≤-31	PASS
2DH5	Ant1	Low	Hop_2402	-10.28	-49.37	≤-30.28	PASS
2DH5	Ant1	High	Hop_2480	-14.30	-49.71	≤-34.3	PASS

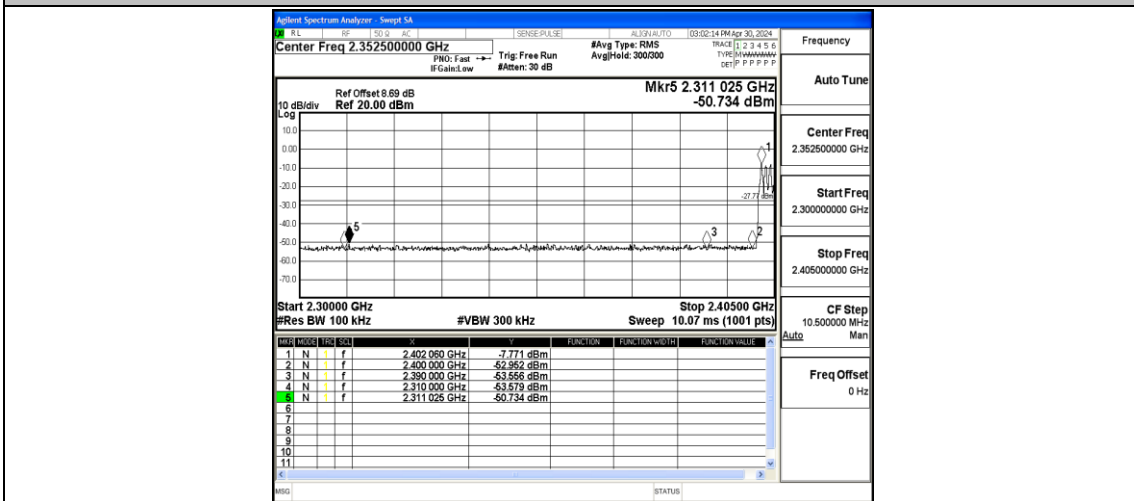
Test Graphs



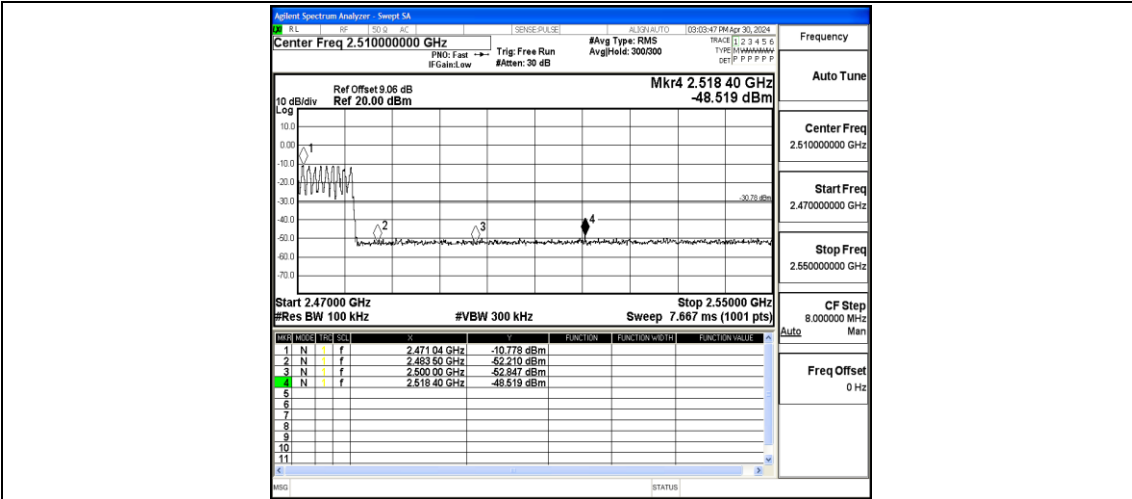
DH5-Ant1-2402-PASS



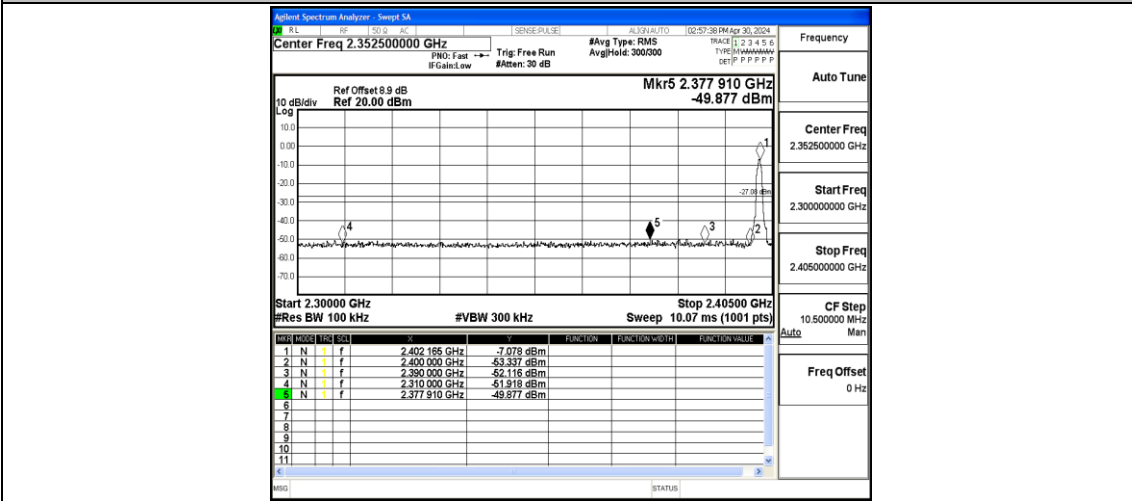
DH5-Ant1-2480-PASS



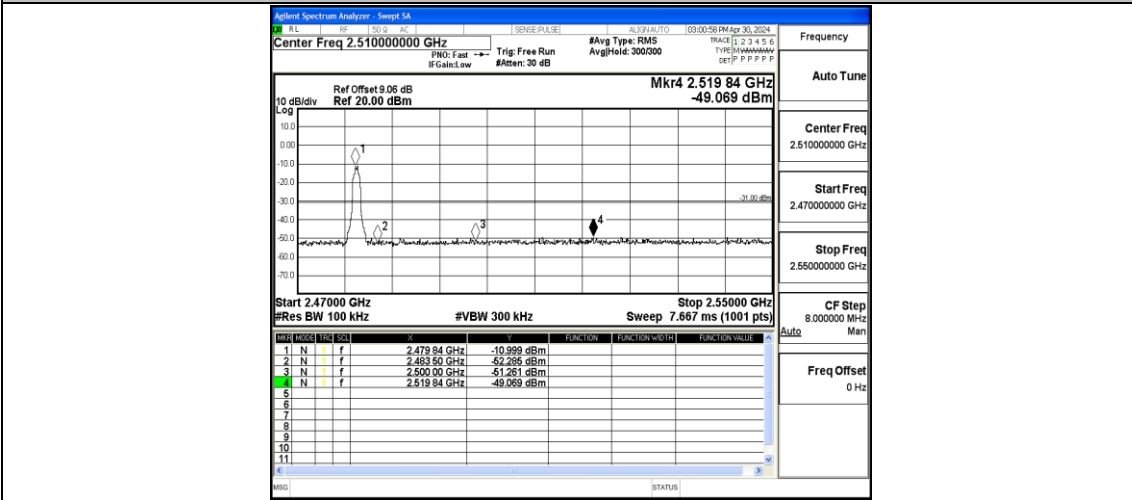
DH5-Ant1-Hop_2402-PASS



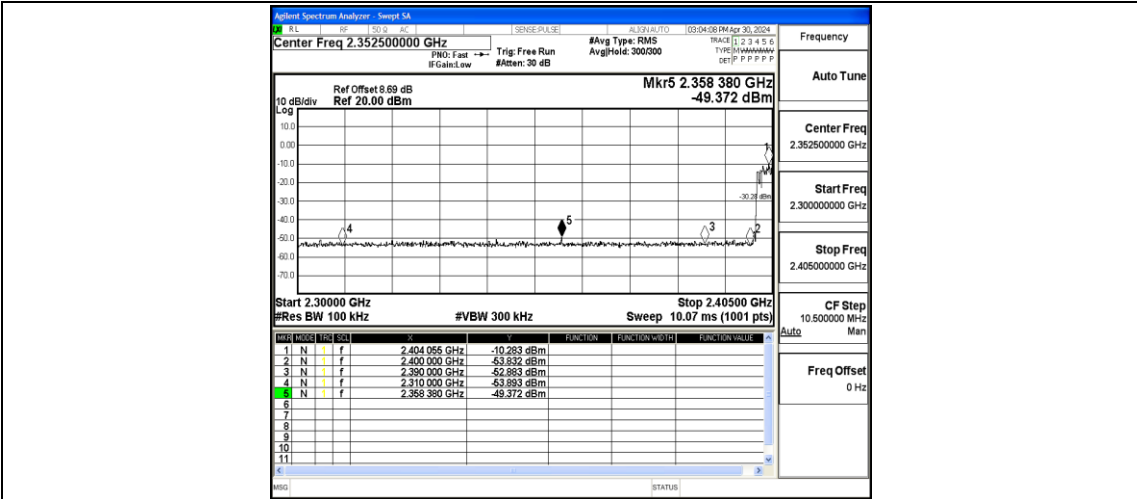
DH5-Ant1-Hop_2480-PASS



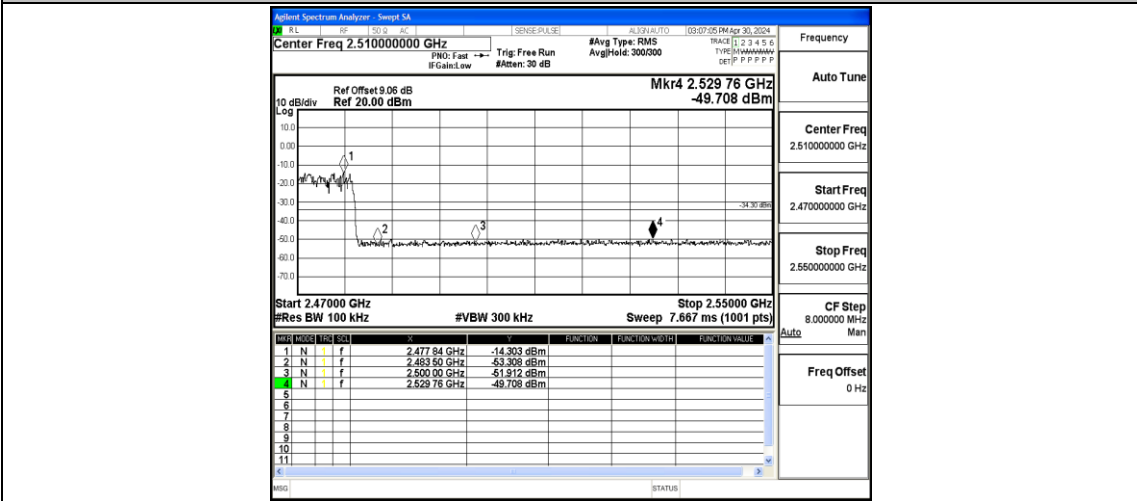
2DH5-Ant1-2402-PASS



2DH5-Ant1-2480-PASS



2DH5-Ant1-Hop_2402-PASS



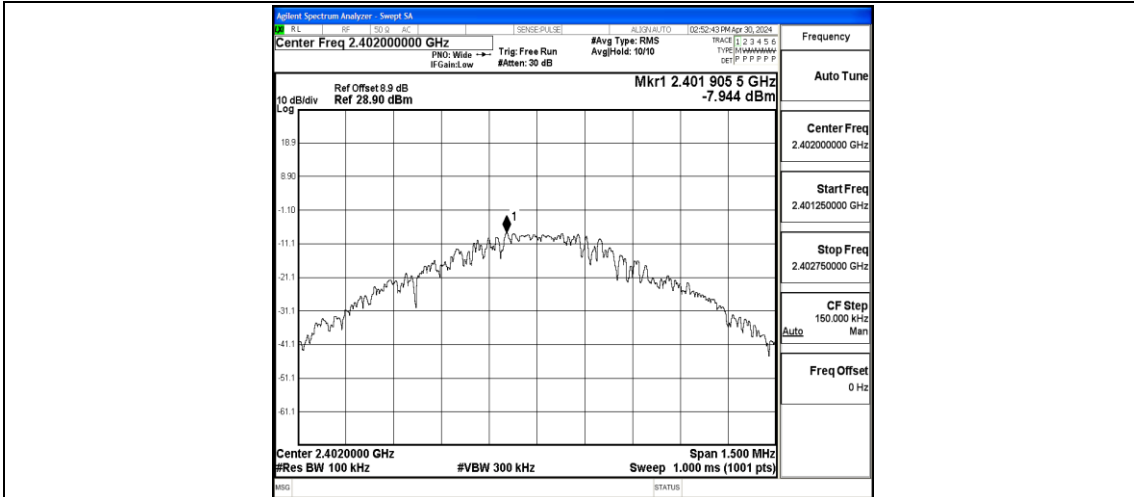
2DH5-Ant1-Hop_2480-PASS

Appendix H: Conducted Spurious Emission

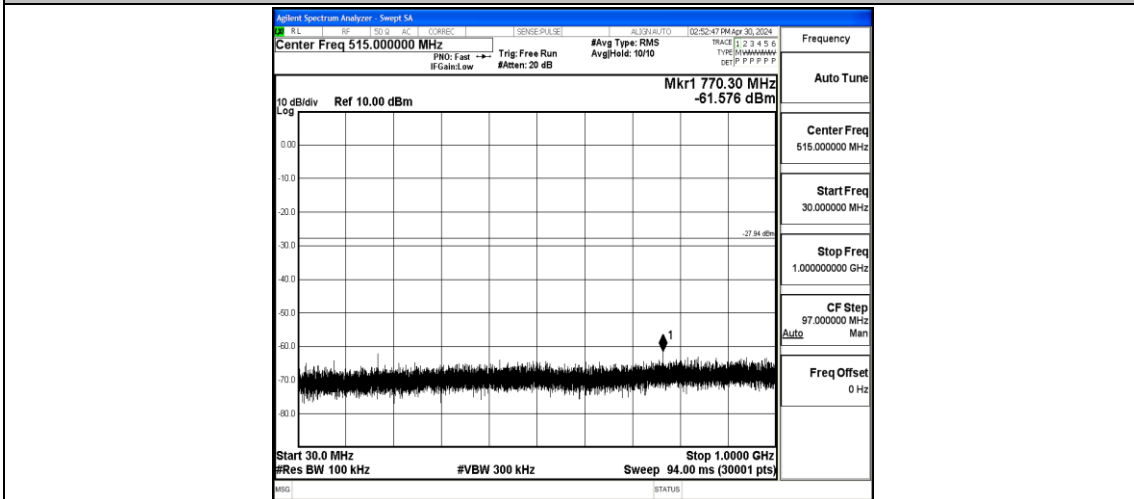
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-7.94	-7.94	---	PASS
DH5	Ant1	2402	30~1000	-7.94	-61.58	≤-27.94	PASS
DH5	Ant1	2402	1000~26500	-7.94	-48.33	≤-27.94	PASS
DH5	Ant1	2441	0~Reference	-9.23	-9.23	---	PASS
DH5	Ant1	2441	30~1000	-9.23	-62.76	≤-29.23	PASS
DH5	Ant1	2441	1000~26500	-9.23	-45.09	≤-29.23	PASS
DH5	Ant1	2480	0~Reference	-11.66	-11.66	---	PASS
DH5	Ant1	2480	30~1000	-11.66	-58.48	≤-31.66	PASS
DH5	Ant1	2480	1000~26500	-11.66	-50.05	≤-31.66	PASS
2DH5	Ant1	2402	0~Reference	-9.03	-9.03	---	PASS
2DH5	Ant1	2402	30~1000	-9.03	-57.87	≤-29.03	PASS
2DH5	Ant1	2402	1000~26500	-9.03	-49.5	≤-29.03	PASS
2DH5	Ant1	2441	0~Reference	-9.95	-9.95	---	PASS
2DH5	Ant1	2441	30~1000	-9.95	-62.55	≤-29.95	PASS
2DH5	Ant1	2441	1000~26500	-9.95	-49.79	≤-29.95	PASS
2DH5	Ant1	2480	0~Reference	-11.10	-11.10	---	PASS
2DH5	Ant1	2480	30~1000	-11.10	-60.56	≤-31.1	PASS
2DH5	Ant1	2480	1000~26500	-11.10	-50.27	≤-31.1	PASS

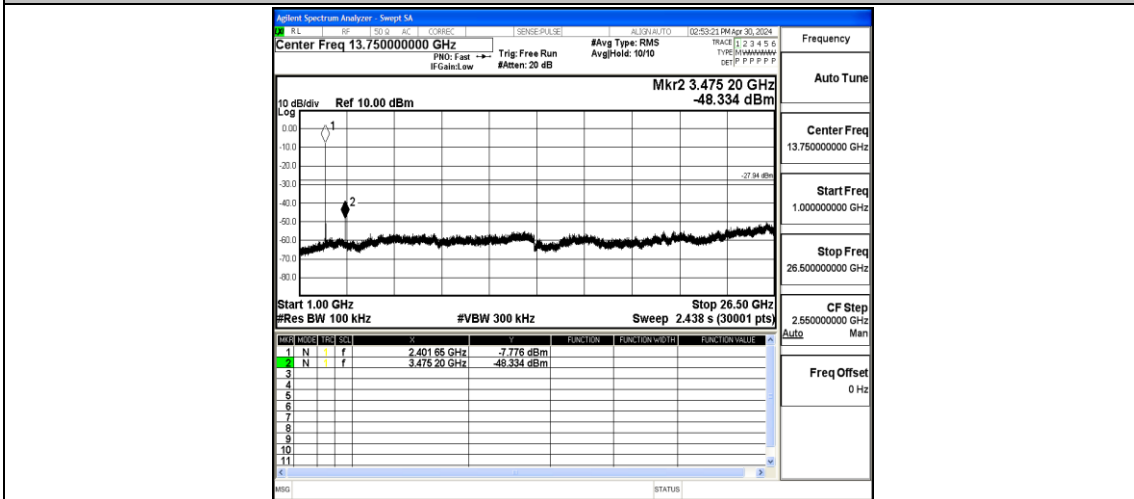
Test Graphs



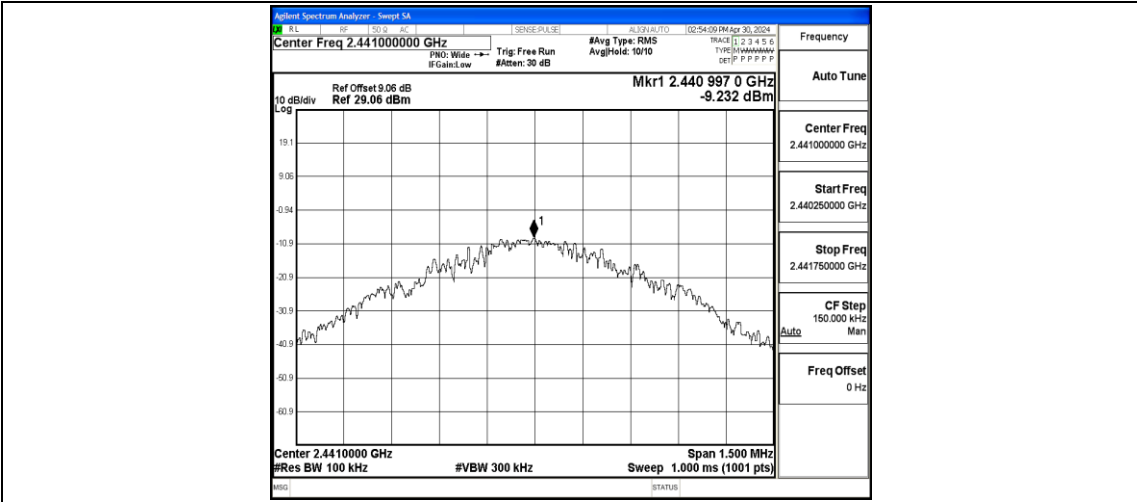
DH5-Ant1-2402-0~Reference-PASS



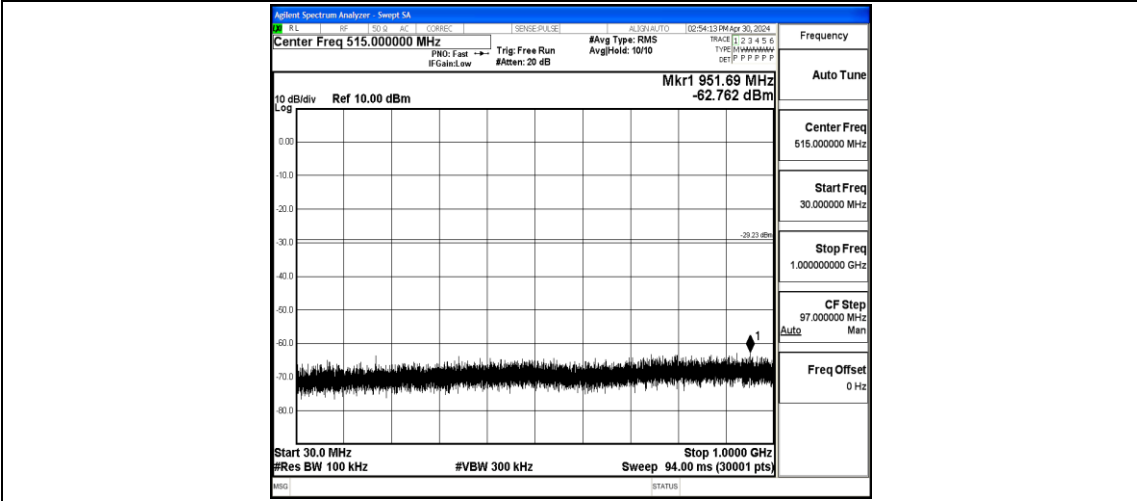
DH5-Ant1-2402-30~1000-PASS



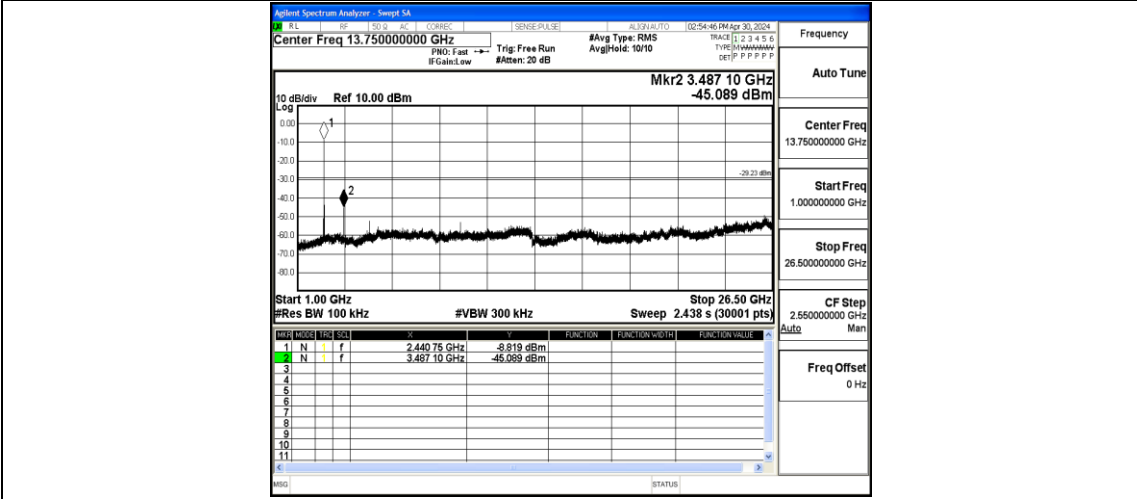
DH5-Ant1-2402-1000~26500-PASS



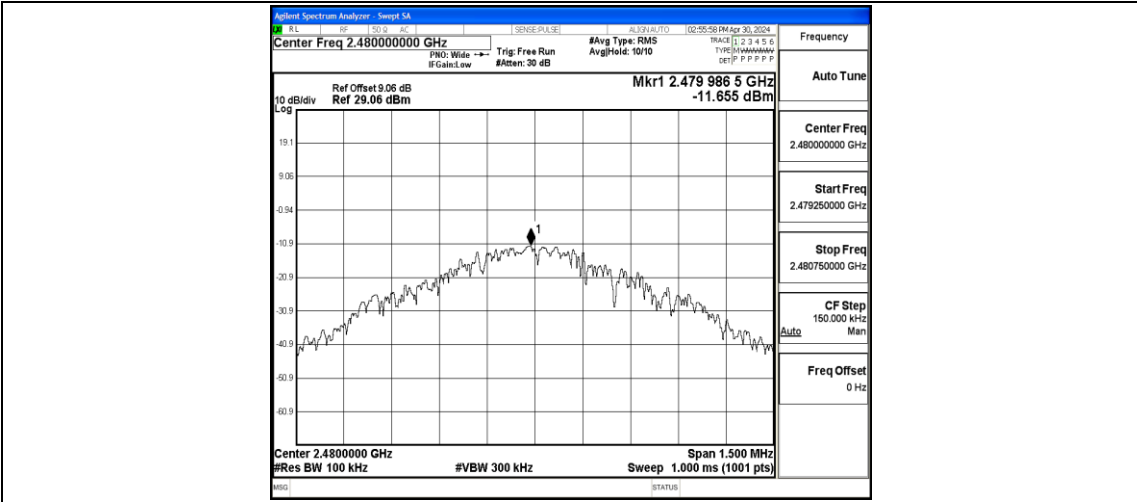
DH5-Ant1-2441-0~Reference-PASS



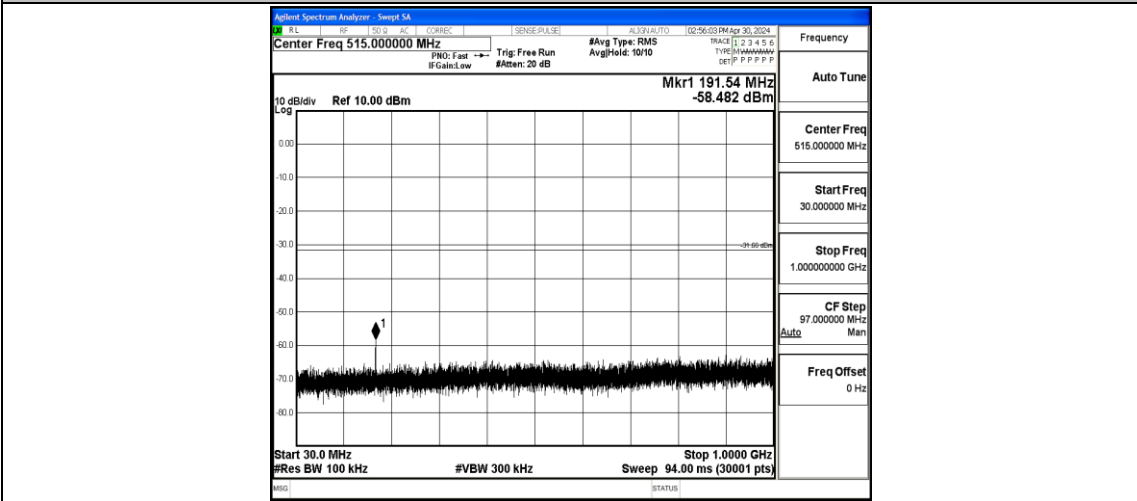
DH5-Ant1-2441-30~1000-PASS



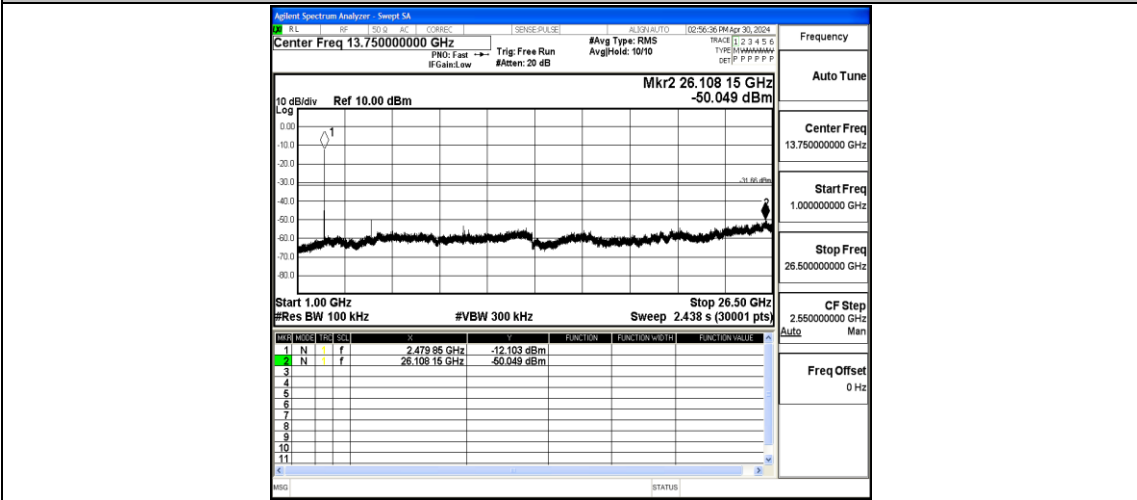
DH5-Ant1-2441-1000~26500-PASS



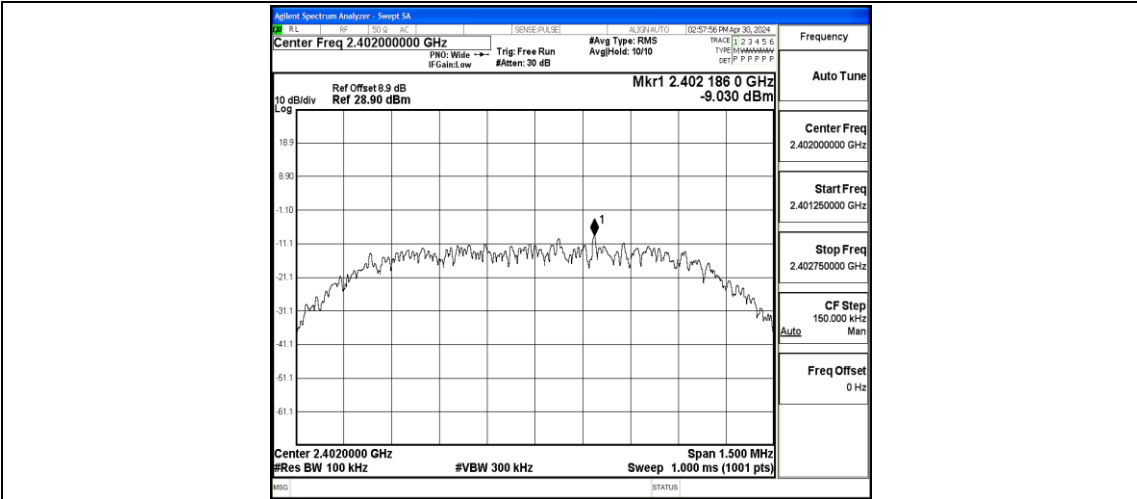
DH5-Ant1-2480-0~Reference-PASS



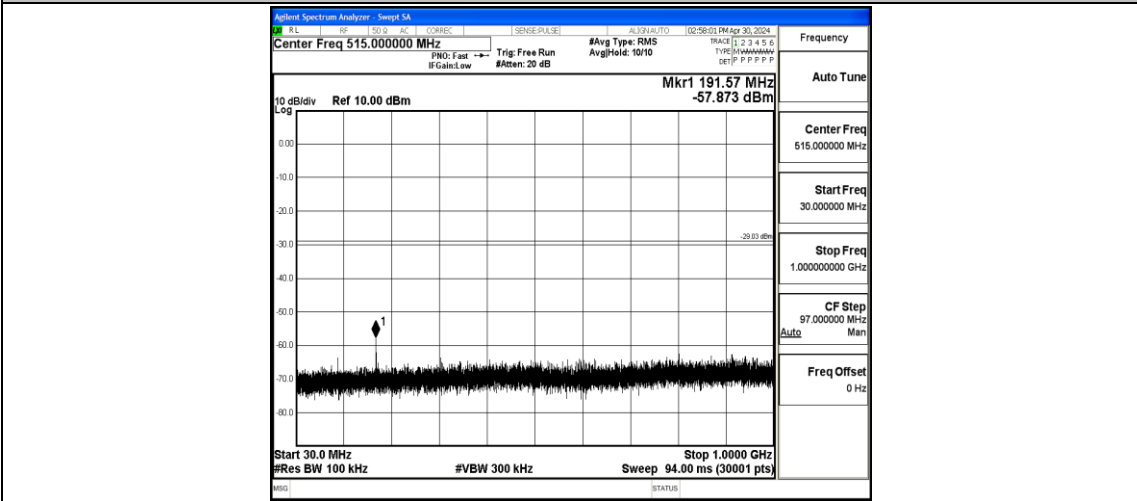
DH5-Ant1-2480-30~1000-PASS



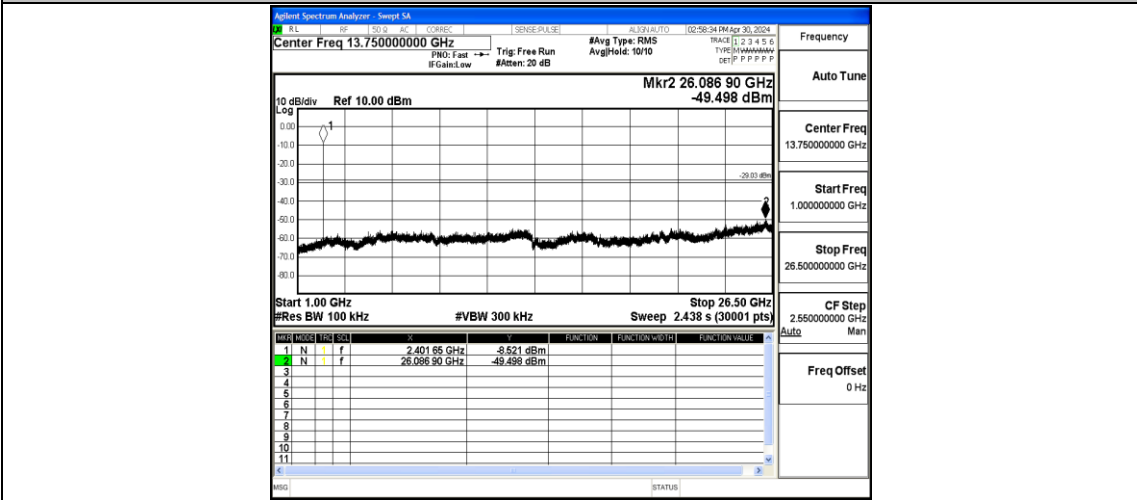
DH5-Ant1-2480-1000~26500-PASS



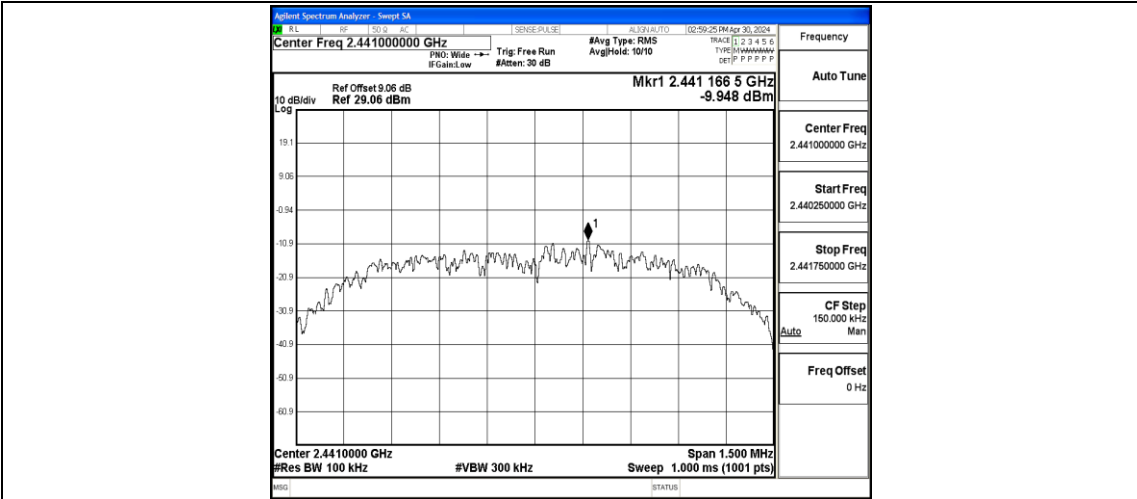
2DH5-Ant1-2402-0~Reference-PASS



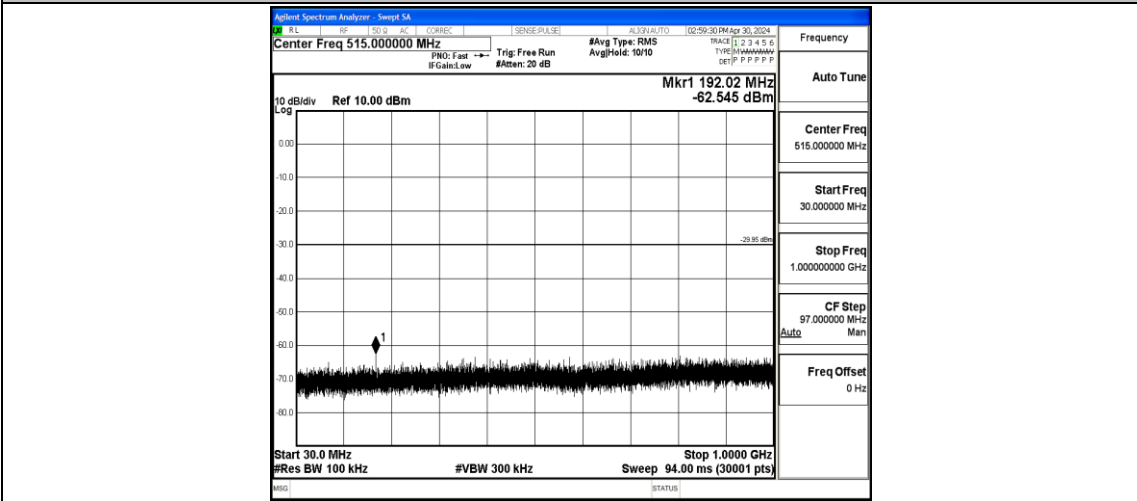
2DH5-Ant1-2402-30~1000-PASS



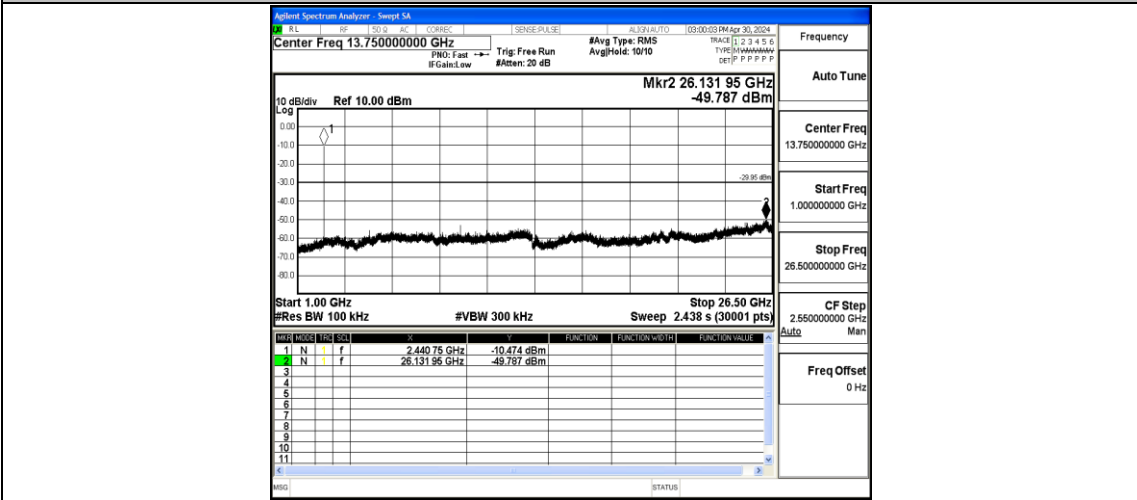
2DH5-Ant1-2402-1000~26500-PASS



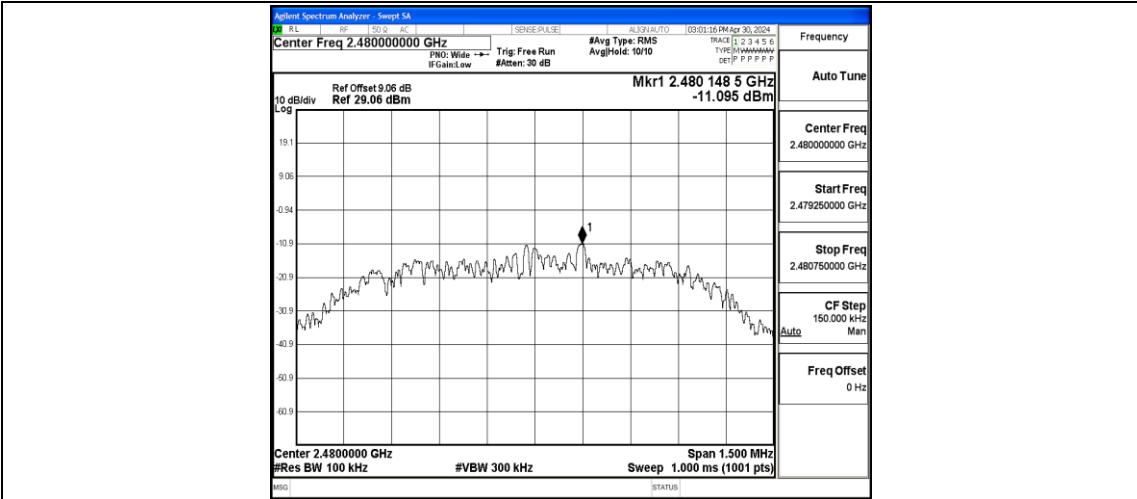
2DH5-Ant1-2441-0~Reference-PASS



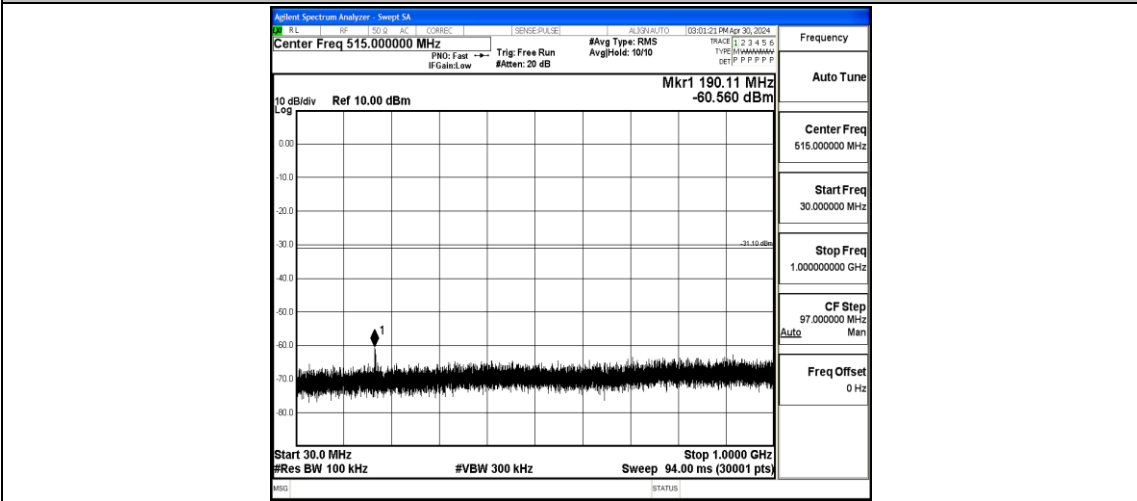
2DH5-Ant1-2441-30~1000-PASS



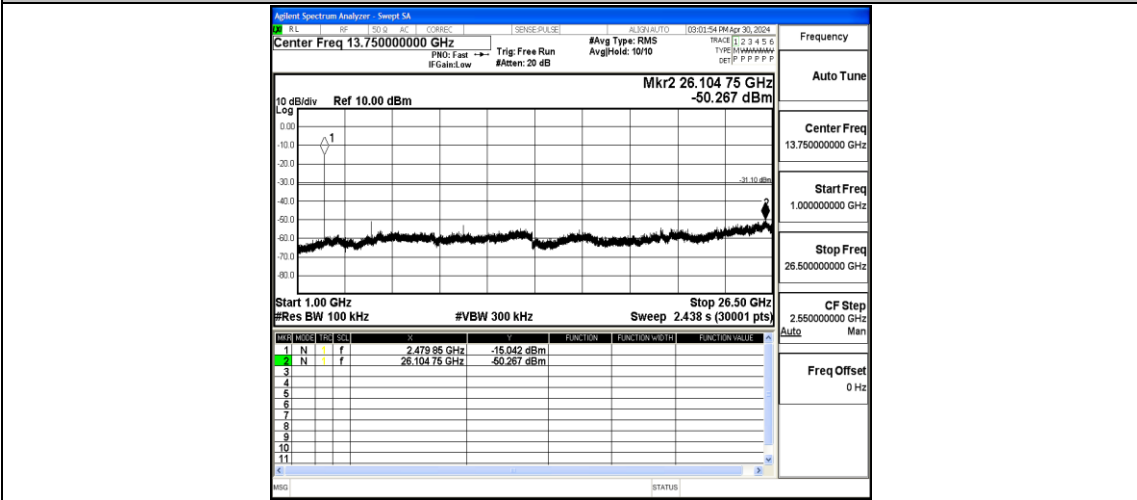
2DH5-Ant1-2441-1000~26500-PASS



2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



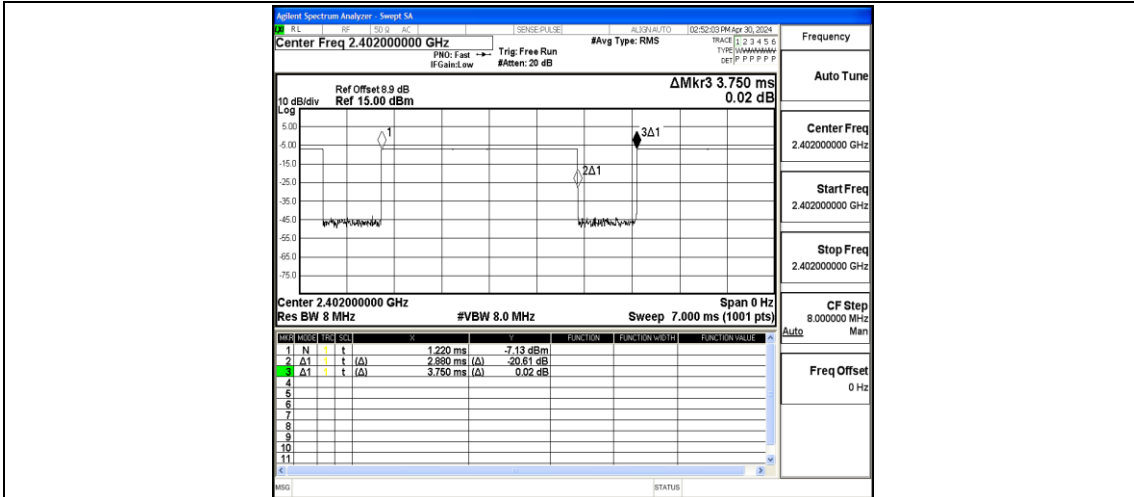
2DH5-Ant1-2480-1000~26500-PASS

Appendix I: Duty Cycle

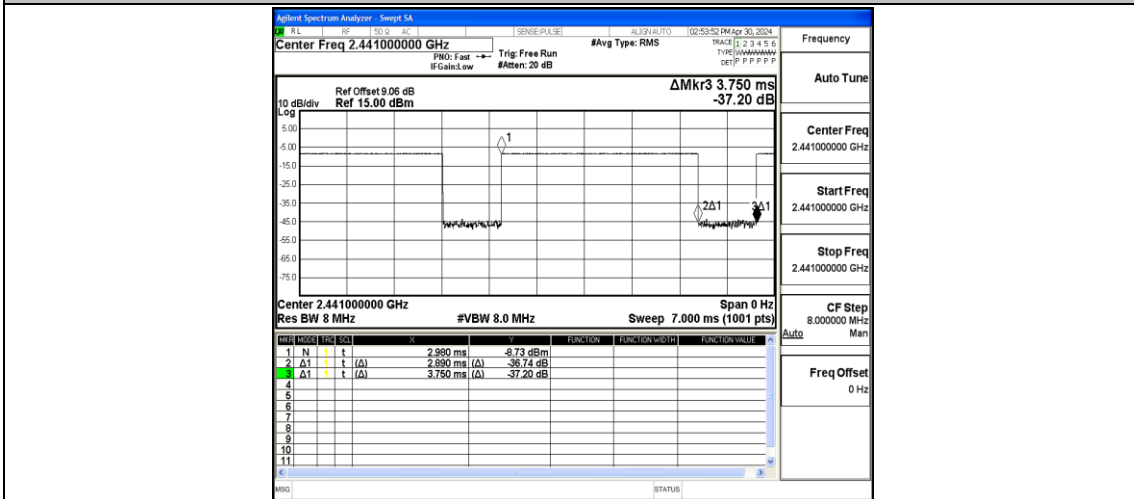
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
DH5	Ant1	2402	2.88	3.75	76.80	1.15
DH5	Ant1	2441	2.89	3.75	77.07	1.13
DH5	Ant1	2480	2.89	3.75	77.07	1.13
2DH5	Ant1	2402	2.88	3.75	76.80	1.15
2DH5	Ant1	2441	2.88	3.74	77.01	1.13
2DH5	Ant1	2480	2.89	3.75	77.07	1.13

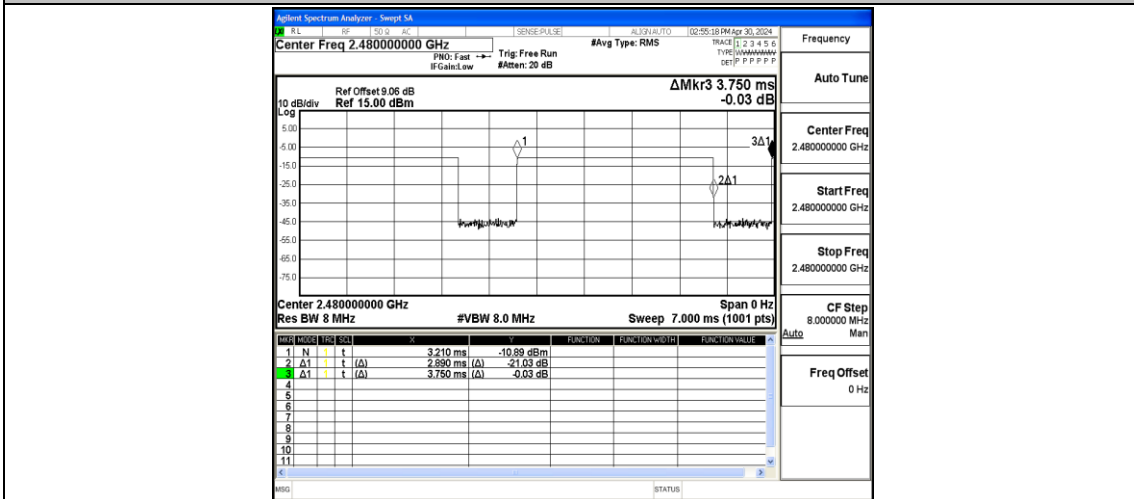
Test Graphs



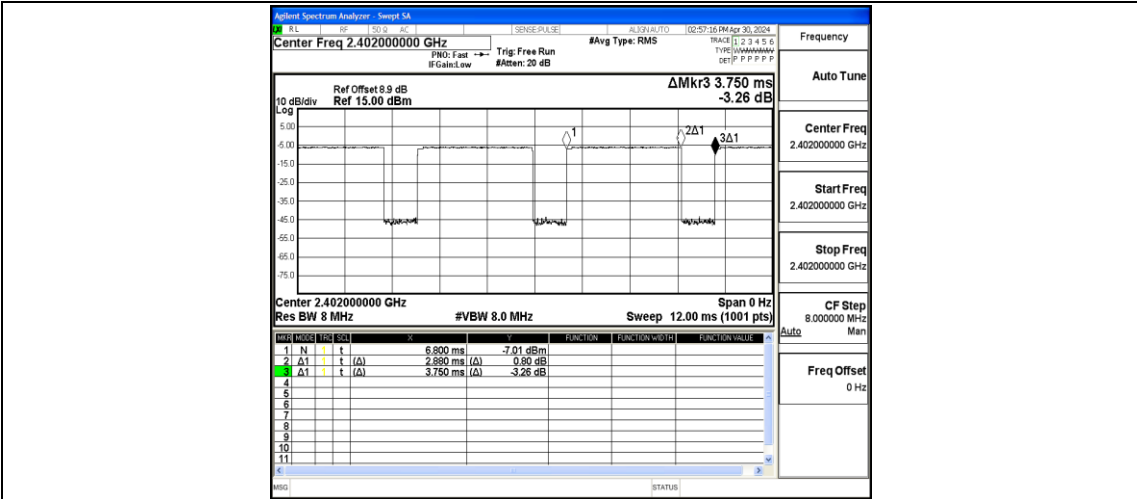
NTNV-DH5-Ant1-2402



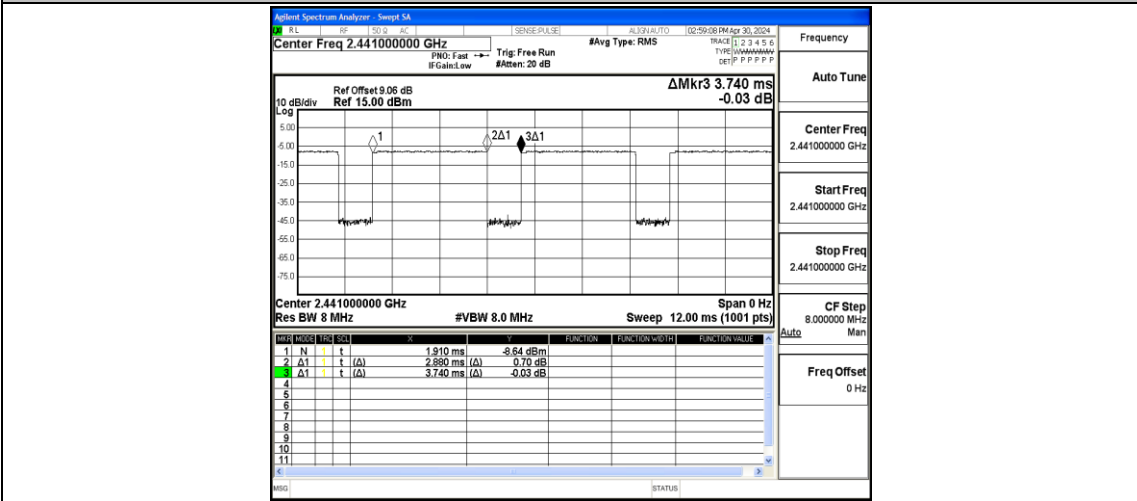
NTNV-DH5-Ant1-2441



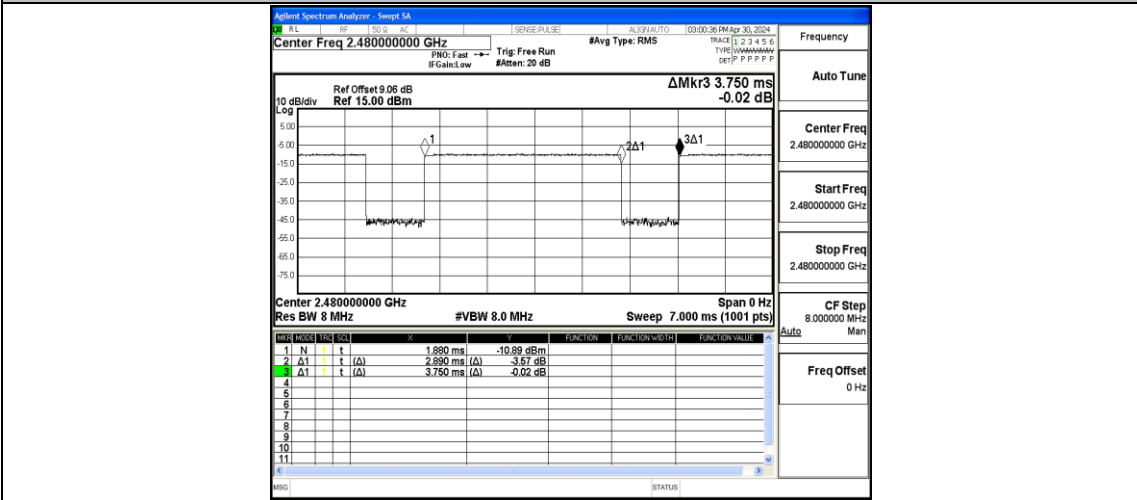
NTNV-DH5-Ant1-2480



NTNV-2DH5-Ant1-2402



NTNV-2DH5-Ant1-2441



NTNV-2DH5-Ant1-2480

Appendix J: Emissions in Restricted Bands

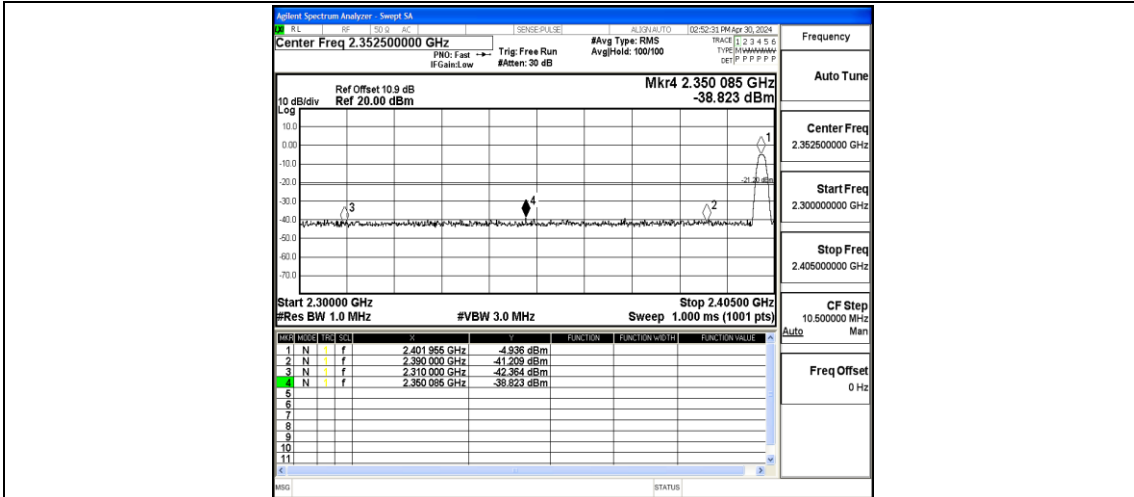
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
DH5	Ant1	Low	2402	Peak	2390.000	-41.21	≤-21.20	53.99	≤74	PASS
DH5	Ant1	Low	2402	Peak	2310.000	-42.36	≤-21.20	52.84	≤74	PASS
DH5	Ant1	Low	2402	Peak	2350.085	-38.82	≤-21.20	56.38	≤74	PASS
DH5	Ant1	Low	2402	AV	2390.000	-48.34	≤-41.20	46.86	≤54	PASS
DH5	Ant1	Low	2402	AV	2310.000	-48.82	≤-41.20	46.38	≤54	PASS
DH5	Ant1	Low	2402	AV	2382.110	-48.03	≤-41.20	47.17	≤54	PASS
DH5	Ant1	High	2480	Peak	2483.500	-40.23	≤-21.20	54.97	≤74	PASS
DH5	Ant1	High	2480	Peak	2500.000	-42.59	≤-21.20	52.61	≤74	PASS
DH5	Ant1	High	2480	Peak	2494.640	-39.65	≤-21.20	55.55	≤74	PASS
DH5	Ant1	High	2480	AV	2483.500	-48.04	≤-41.20	47.16	≤54	PASS
DH5	Ant1	High	2480	AV	2500.000	-48.09	≤-41.20	47.11	≤54	PASS
DH5	Ant1	High	2480	AV	2494.320	-47.63	≤-41.20	47.57	≤54	PASS
2DH5	Ant1	Low	2402	Peak	2390.000	-41.36	≤-21.20	53.84	≤74	PASS
2DH5	Ant1	Low	2402	Peak	2310.000	-43.28	≤-21.20	51.92	≤74	PASS
2DH5	Ant1	Low	2402	Peak	2314.070	-38.78	≤-21.20	56.42	≤74	PASS
2DH5	Ant1	Low	2402	AV	2390.000	-48.88	≤-41.20	46.32	≤54	PASS
2DH5	Ant1	Low	2402	AV	2310.000	-49.64	≤-41.20	45.56	≤54	PASS
2DH5	Ant1	Low	2402	AV	2389.565	-48.08	≤-41.20	47.12	≤54	PASS
2DH5	Ant1	High	2480	Peak	2483.500	-40.98	≤-21.20	54.22	≤74	PASS
2DH5	Ant1	High	2480	Peak	2500.000	-40.94	≤-21.20	54.26	≤74	PASS
2DH5	Ant1	High	2480	Peak	2499.280	-38.28	≤-21.20	56.92	≤74	PASS
2DH5	Ant1	High	2480	AV	2483.500	-48.53	≤-41.20	46.67	≤54	PASS
2DH5	Ant1	High	2480	AV	2500.000	-48.79	≤-41.20	46.41	≤54	PASS
2DH5	Ant1	High	2480	AV	2498.320	-47.55	≤-41.20	47.65	≤54	PASS

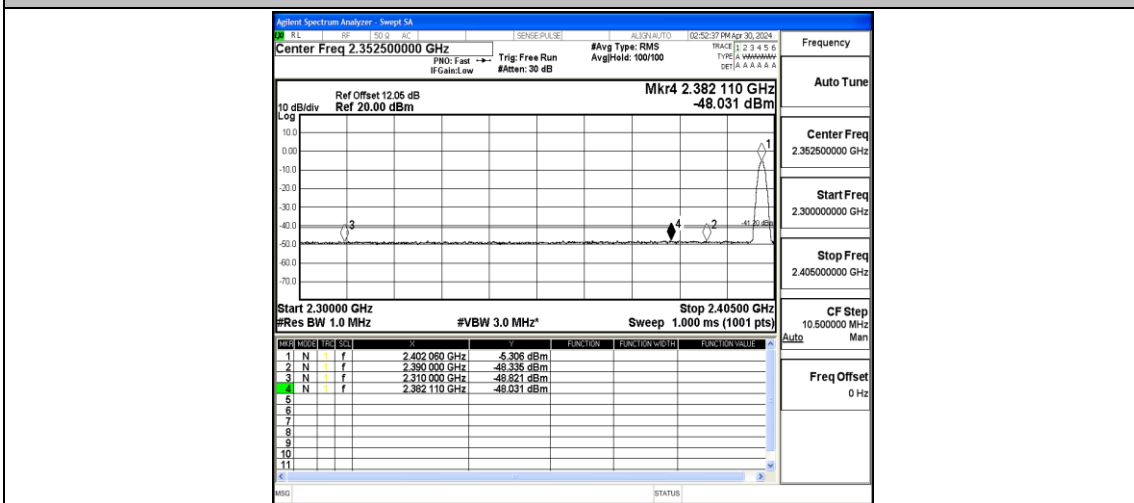
Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

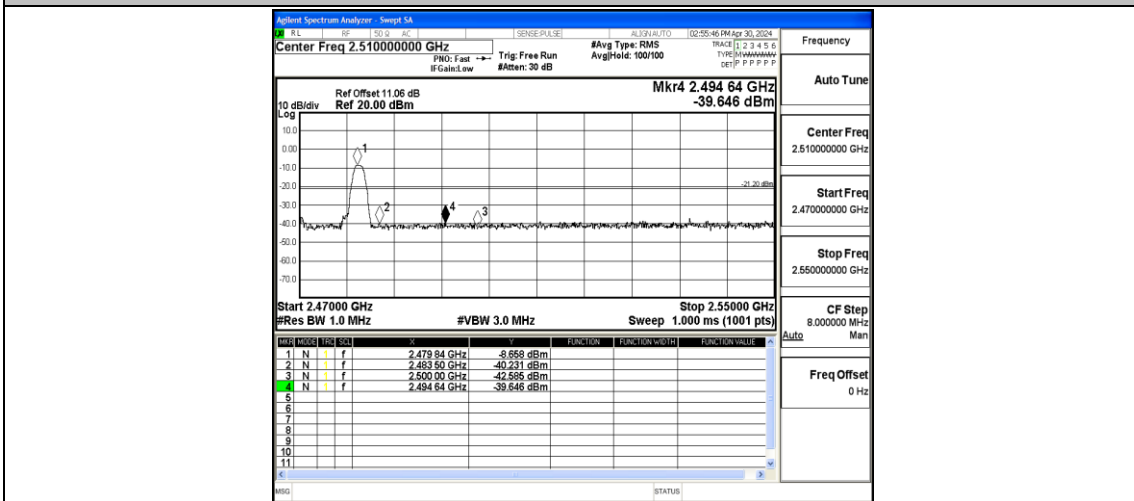
Test Graphs



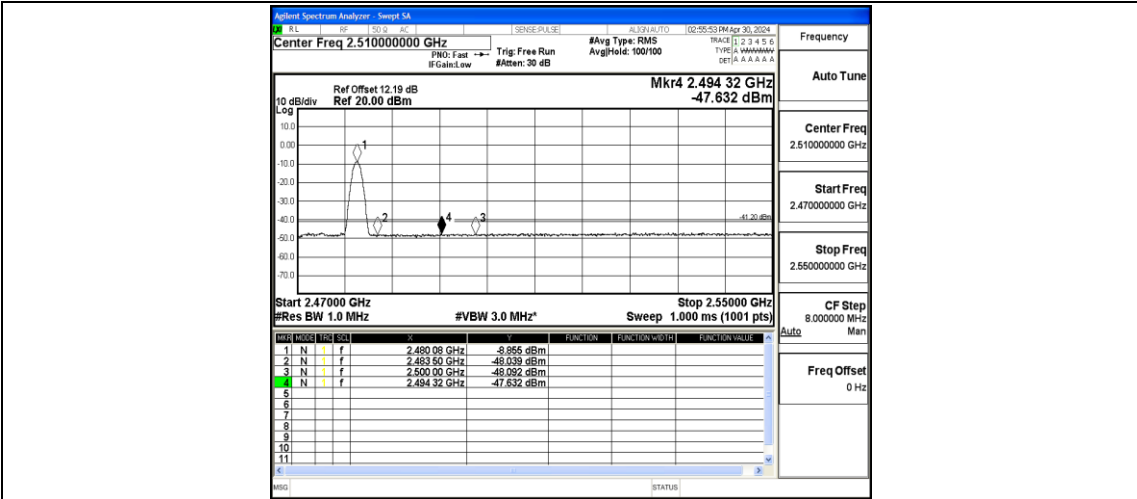
DH5-Ant1-2402-PASS



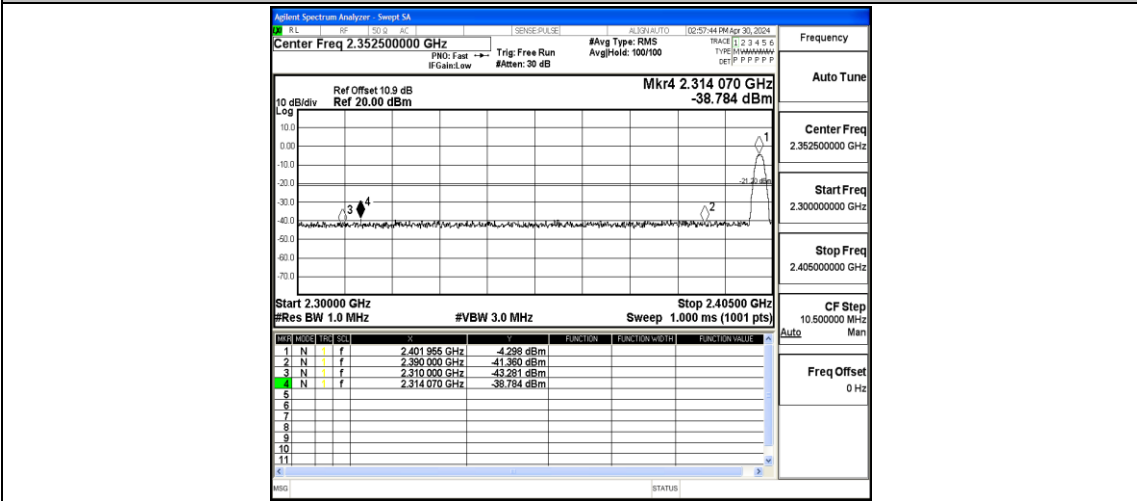
DH5-Ant1-2402-PASS



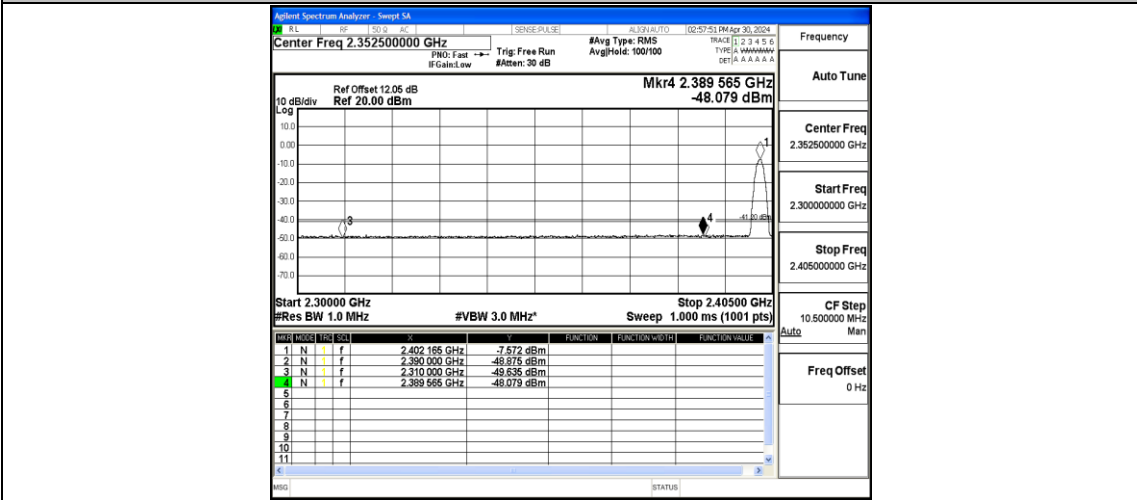
DH5-Ant1-2480-PASS



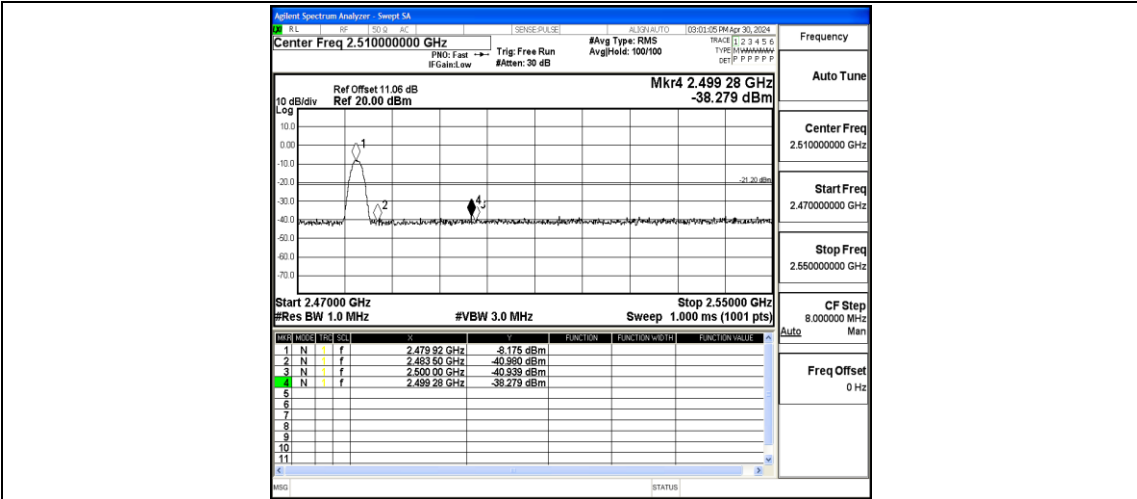
DH5-Ant1-2480-PASS



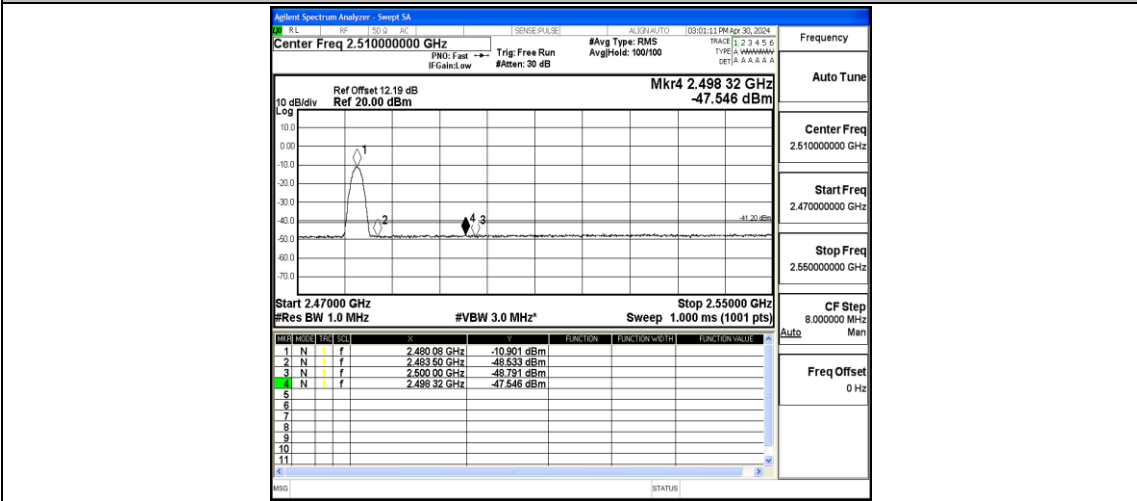
2DH5-Ant1-2402-PASS



2DH5-Ant1-2402-PASS



2DHS-Ant1-2480-PASS



2DHS-Ant1-2480-PASS