

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

Product Name: mobile phone

Trade Mark: N/A

Test Model: BM10

FCC ID: 2BEM6-BM10

### Environmental Conditions

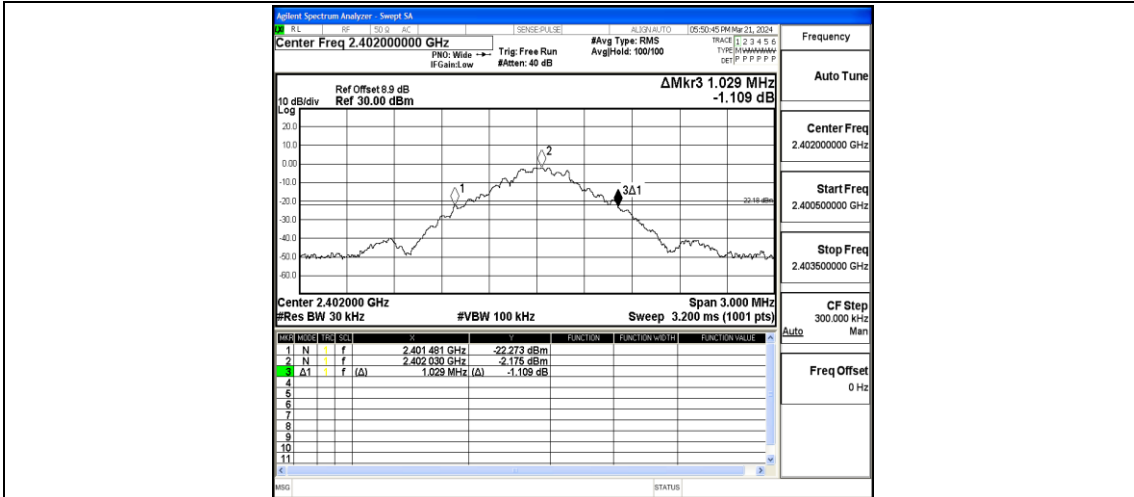
Temperature:	23.8℃
Relative Humidity:	58%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

## Appendix A: 20dB Emission Bandwidth

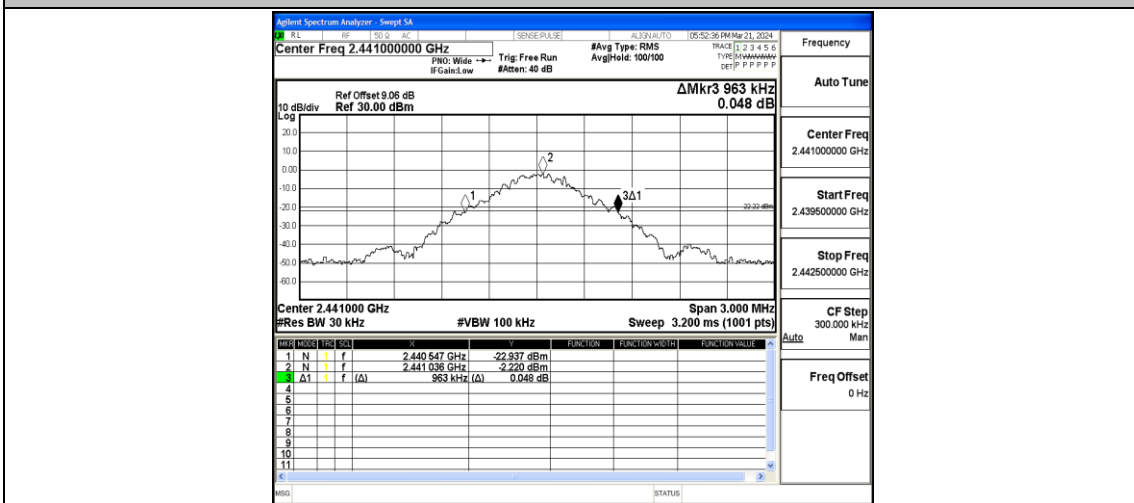
### Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	1.029	2401.481	2402.510	---	---
DH5	Ant1	2441	0.963	2440.547	2441.510	---	---
DH5	Ant1	2480	0.954	2479.550	2480.504	---	---
2DH5	Ant1	2402	1.293	2401.379	2402.672	---	---
2DH5	Ant1	2441	1.314	2440.355	2441.669	---	---
2DH5	Ant1	2480	1.314	2479.355	2480.669	---	---
3DH5	Ant1	2402	1.302	2401.367	2402.669	---	---
3DH5	Ant1	2441	1.326	2440.355	2441.681	---	---
3DH5	Ant1	2480	1.305	2479.367	2480.672	---	---

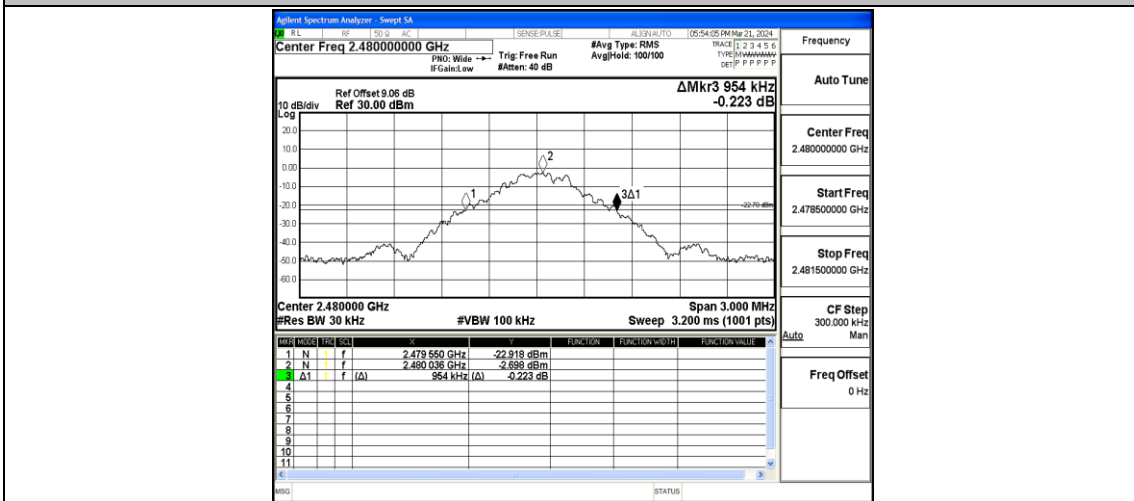
### Test Graphs



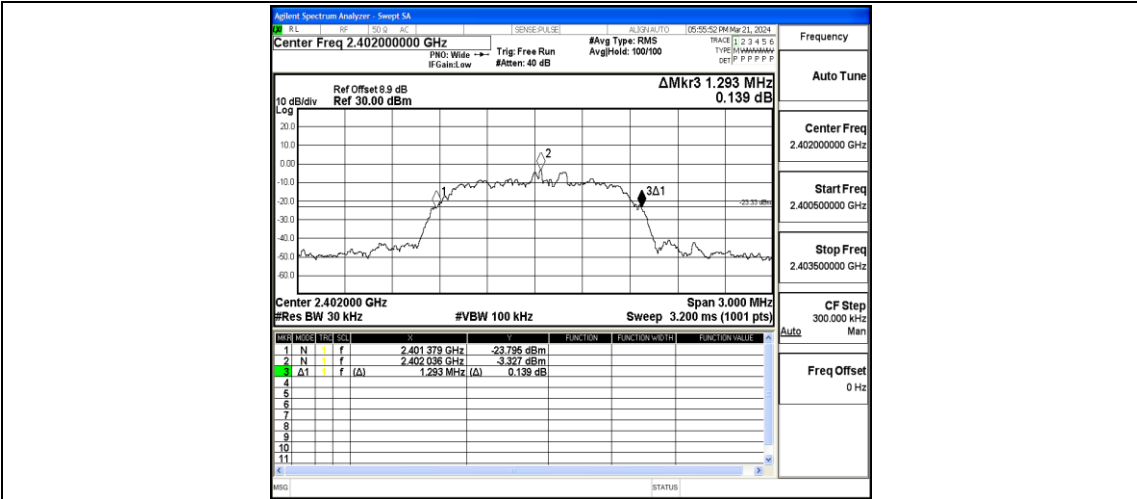
DH5-Ant1-2402



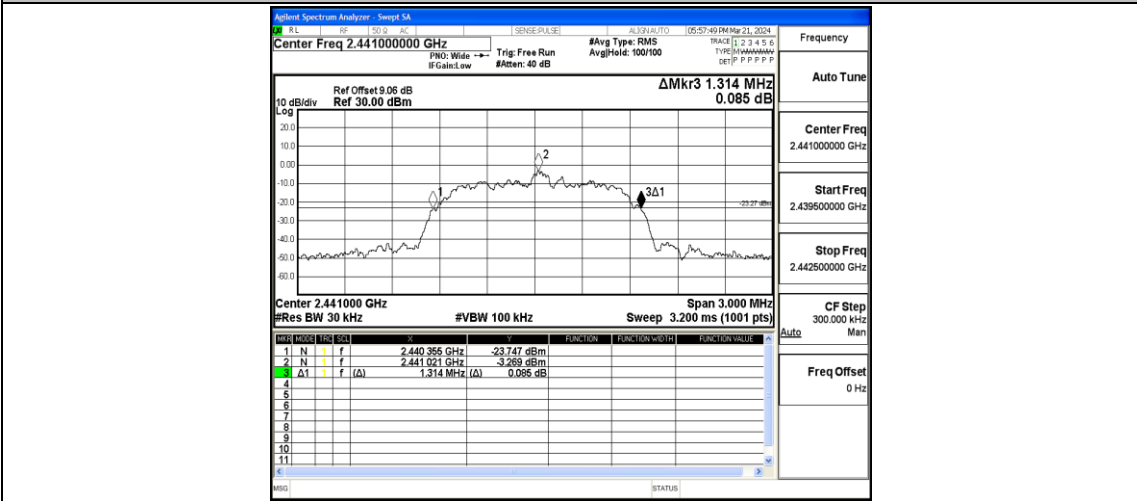
DH5-Ant1-2441



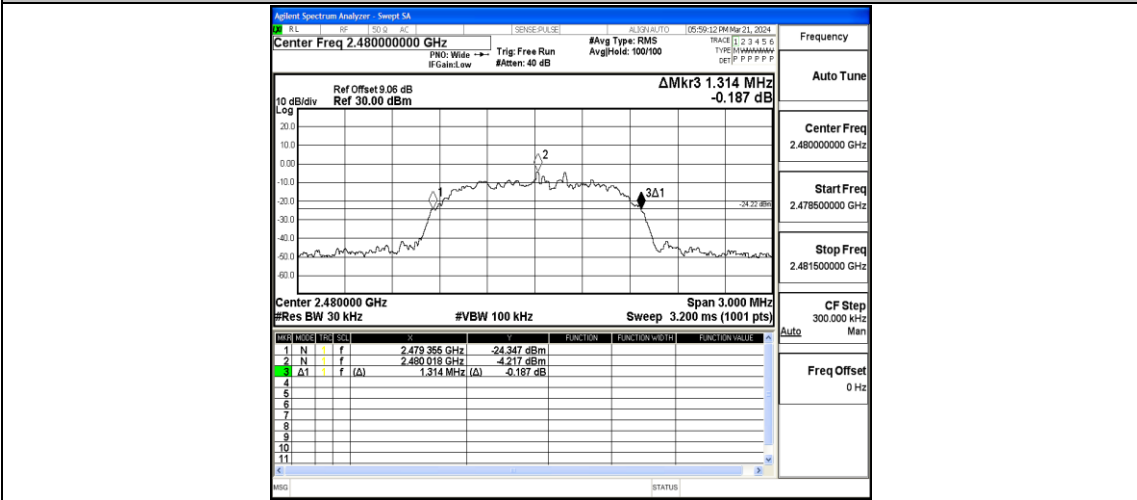
DH5-Ant1-2480



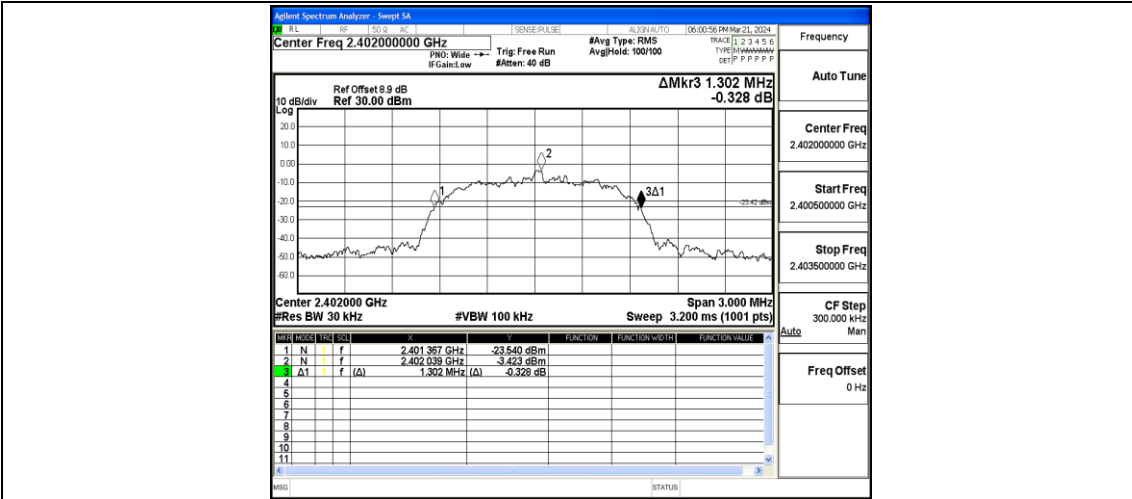
2DH5-Ant1-2402



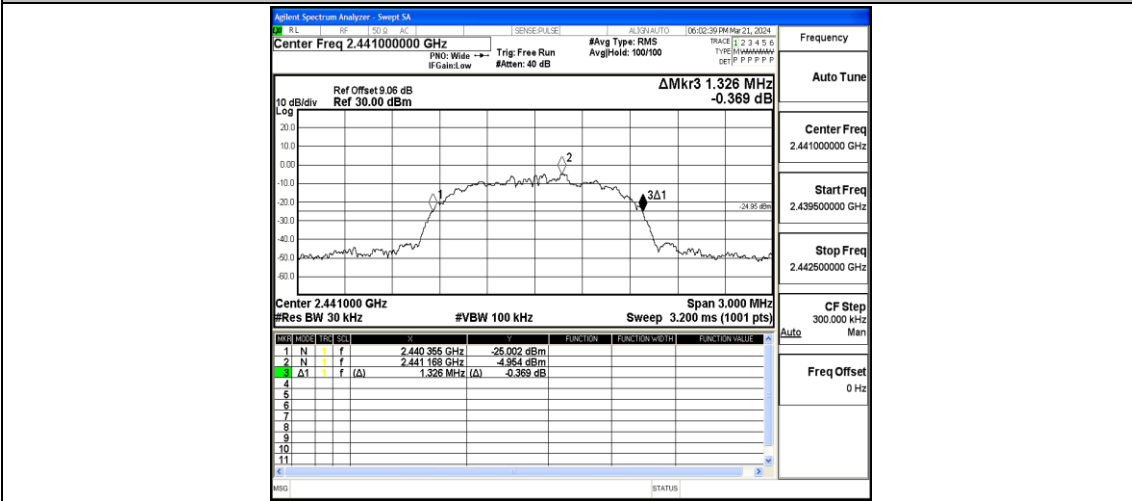
2DH5-Ant1-2441



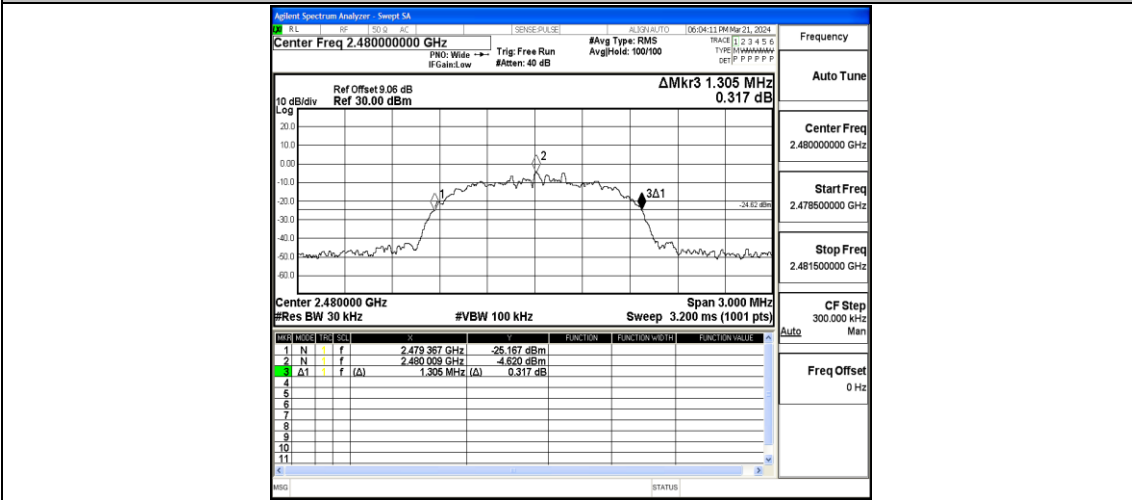
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



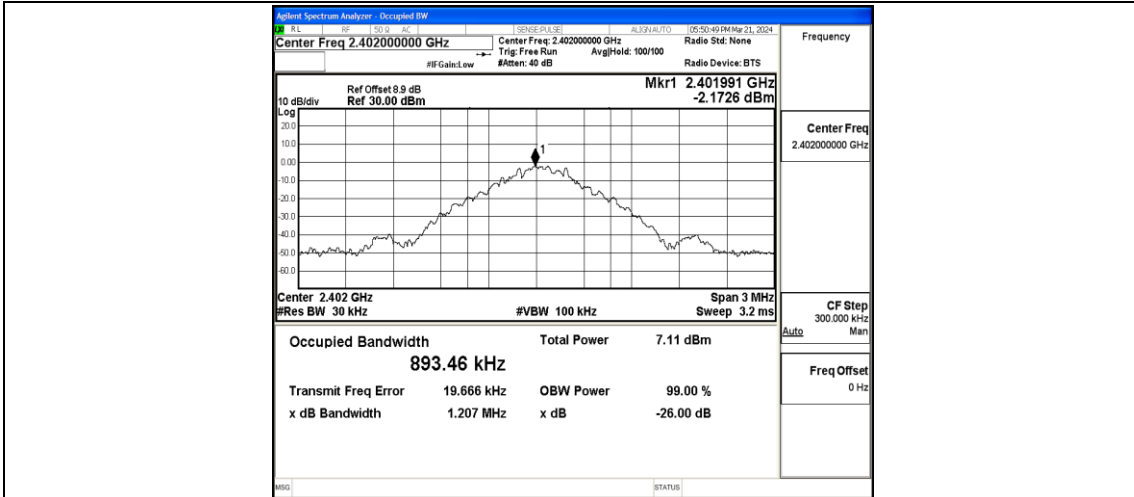
3DH5-Ant1-2480

## Appendix B: Occupied Channel Bandwidth

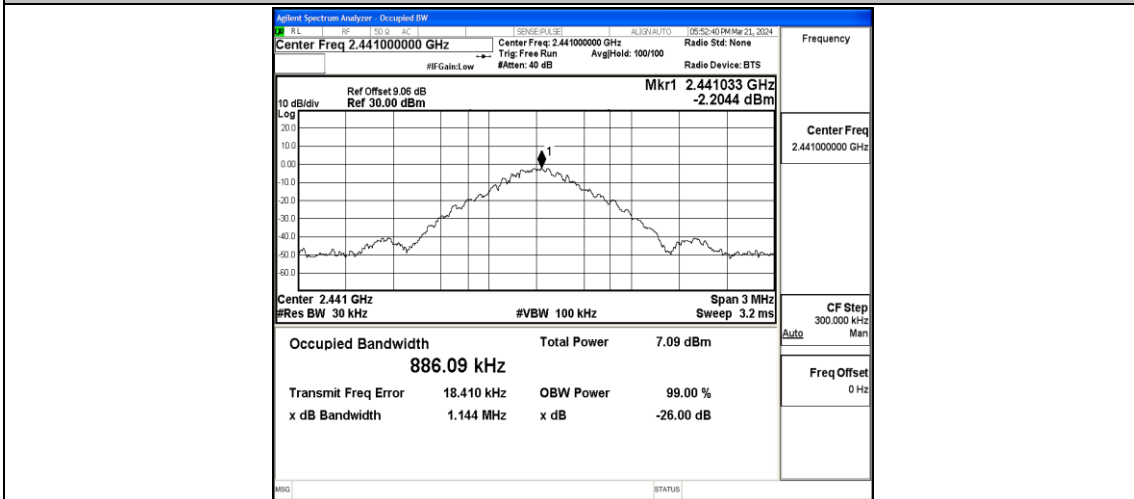
### Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89346	2401.5729	2402.4664	---	---
DH5	Ant1	2441	0.88609	2440.5754	2441.4615	---	---
DH5	Ant1	2480	0.86977	2479.5783	2480.4480	---	---
2DH5	Ant1	2402	1.1987	2401.4156	2402.6143	---	---
2DH5	Ant1	2441	1.1809	2440.4231	2441.6040	---	---
2DH5	Ant1	2480	1.1732	2479.4260	2480.5992	---	---
3DH5	Ant1	2402	1.1828	2401.4246	2402.6074	---	---
3DH5	Ant1	2441	1.1808	2440.4256	2441.6064	---	---
3DH5	Ant1	2480	1.1941	2479.4172	2480.6113	---	---

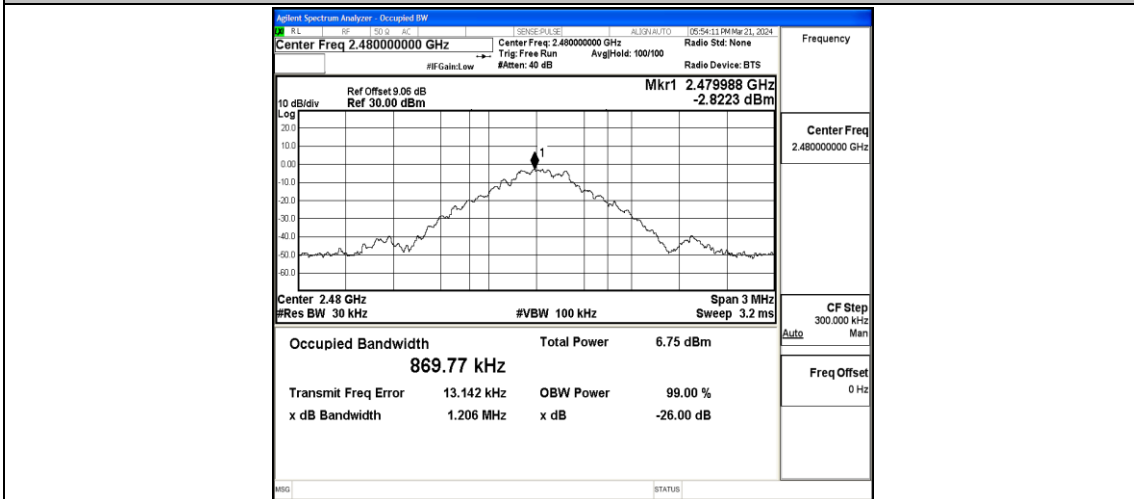
### Test Graphs



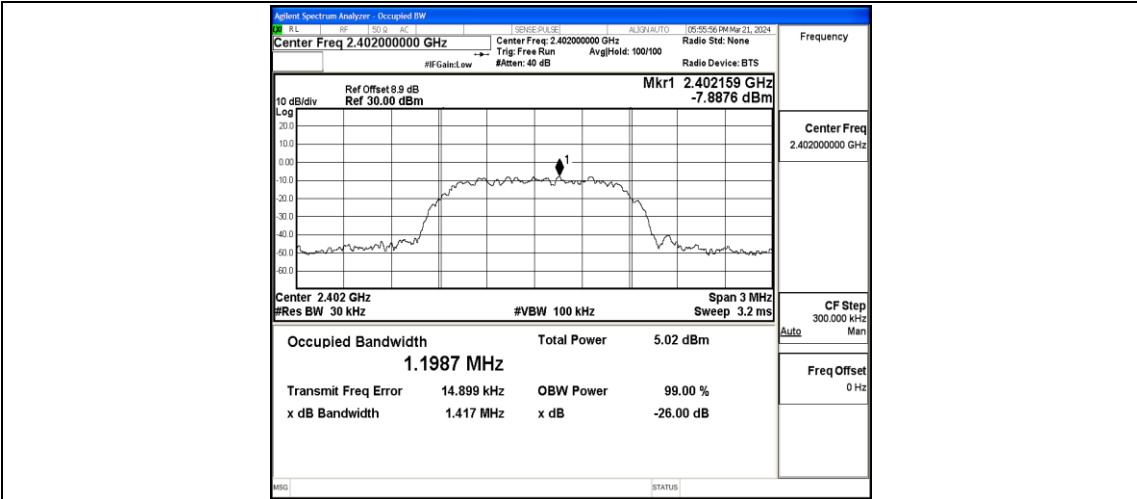
DH5-Ant1-2402



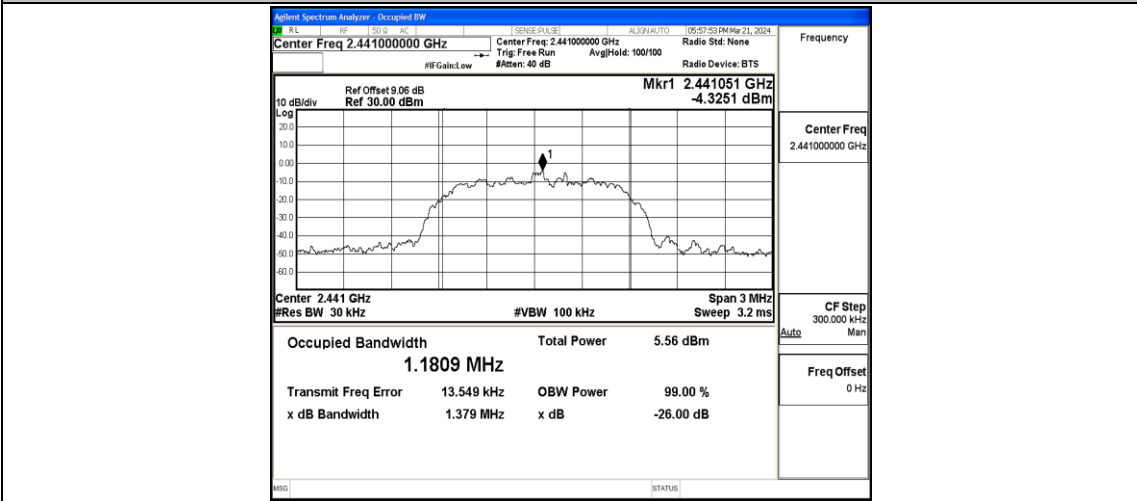
DH5-Ant1-2441



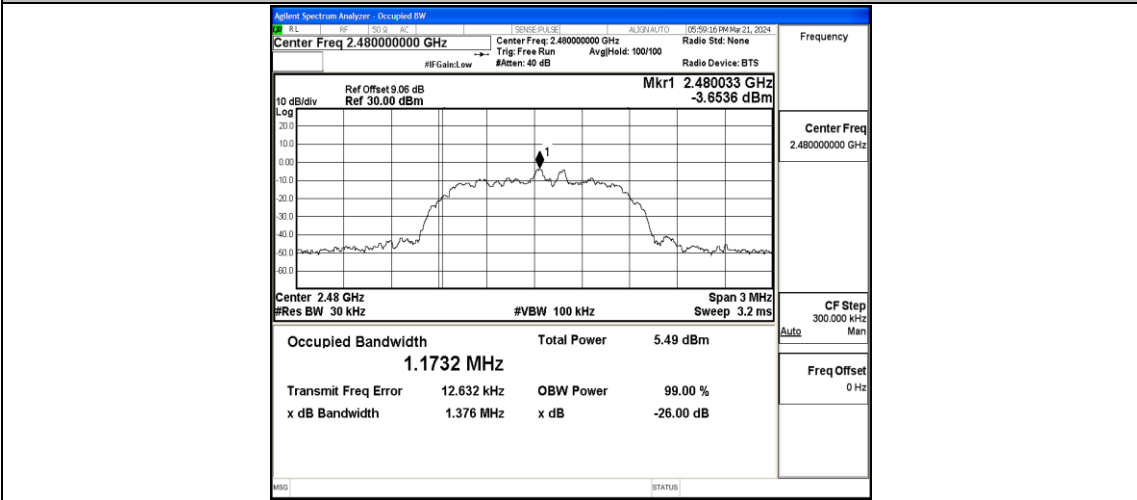
DH5-Ant1-2480



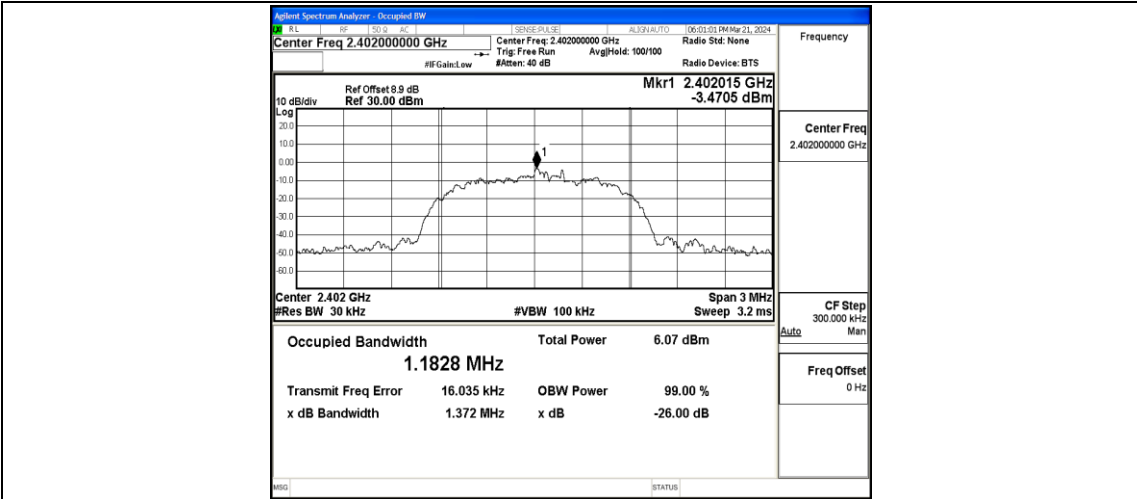
2DH5-Ant1-2402



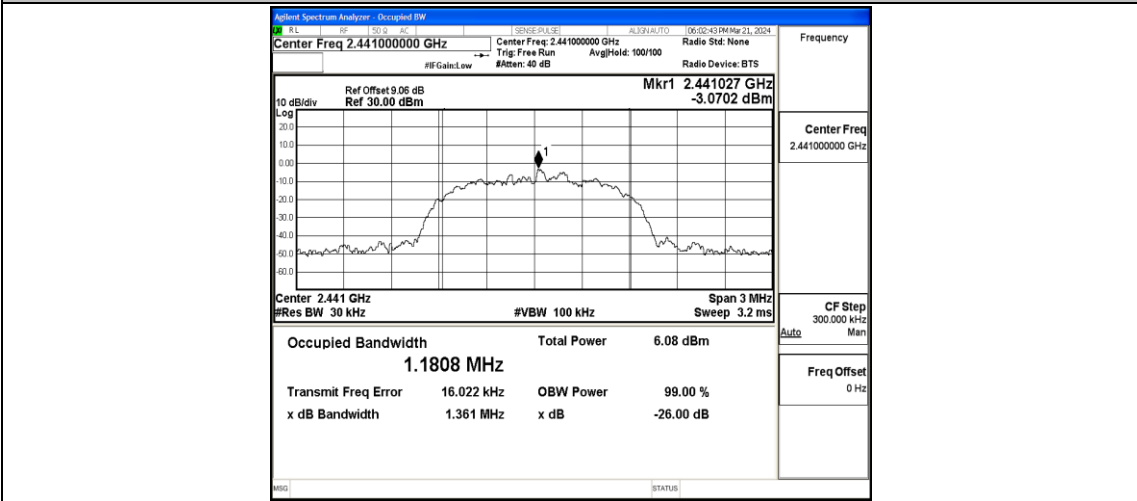
2DH5-Ant1-2441



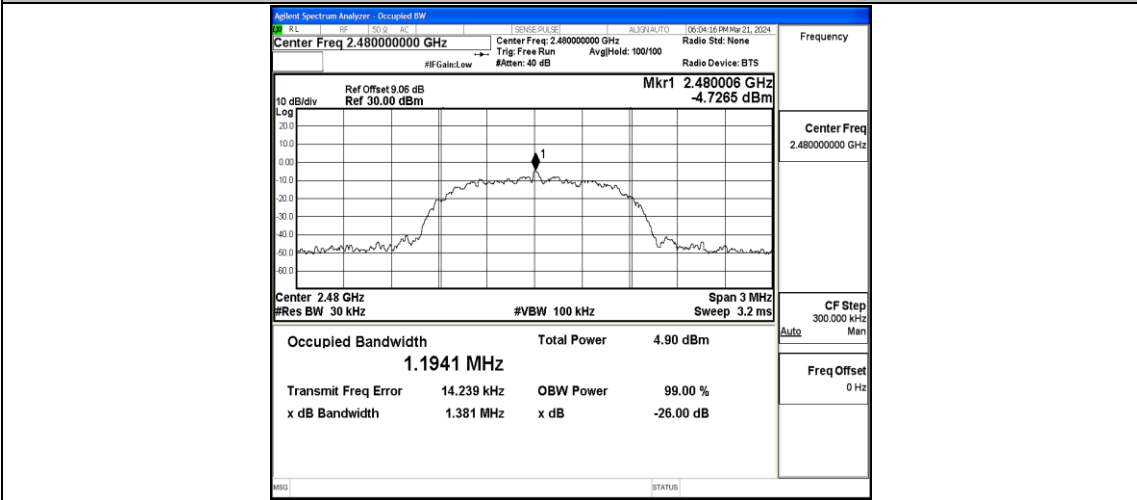
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



3DH5-Ant1-2480

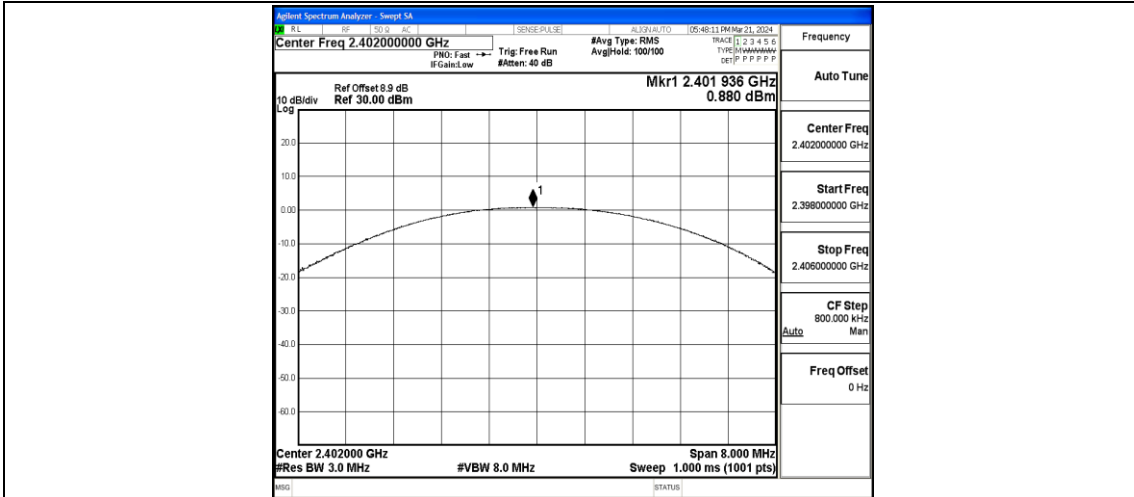


## Appendix C: Maximum peak conducted output power

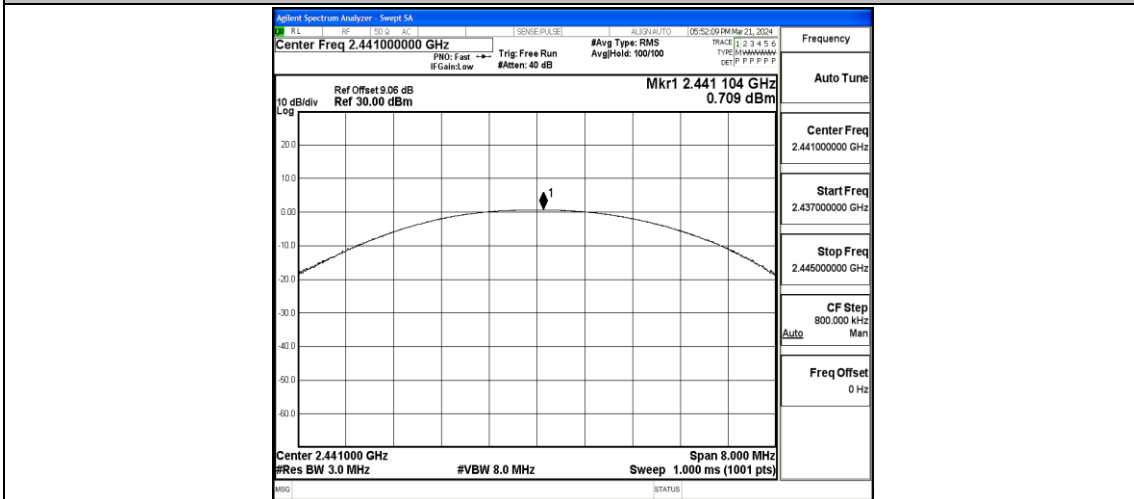
### Test Result

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.88	≤30	PASS
DH5	Ant1	2441	0.71	≤30	PASS
DH5	Ant1	2480	0.23	≤30	PASS
2DH5	Ant1	2402	1.14	≤20.97	PASS
2DH5	Ant1	2441	1.02	≤20.97	PASS
2DH5	Ant1	2480	0.56	≤20.97	PASS
3DH5	Ant1	2402	1.67	≤20.97	PASS
3DH5	Ant1	2441	1.54	≤20.97	PASS
3DH5	Ant1	2480	1.02	≤20.97	PASS

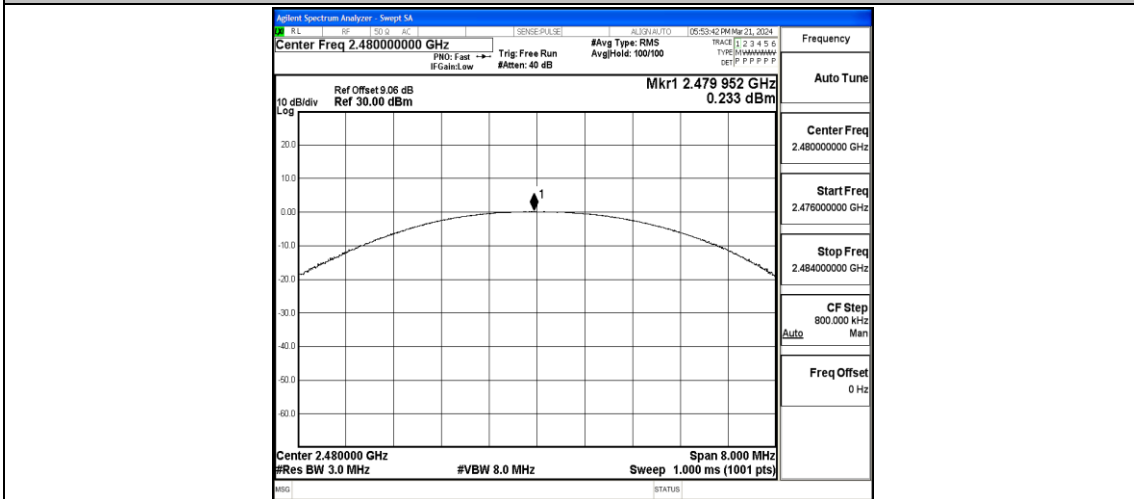
### Test Graphs



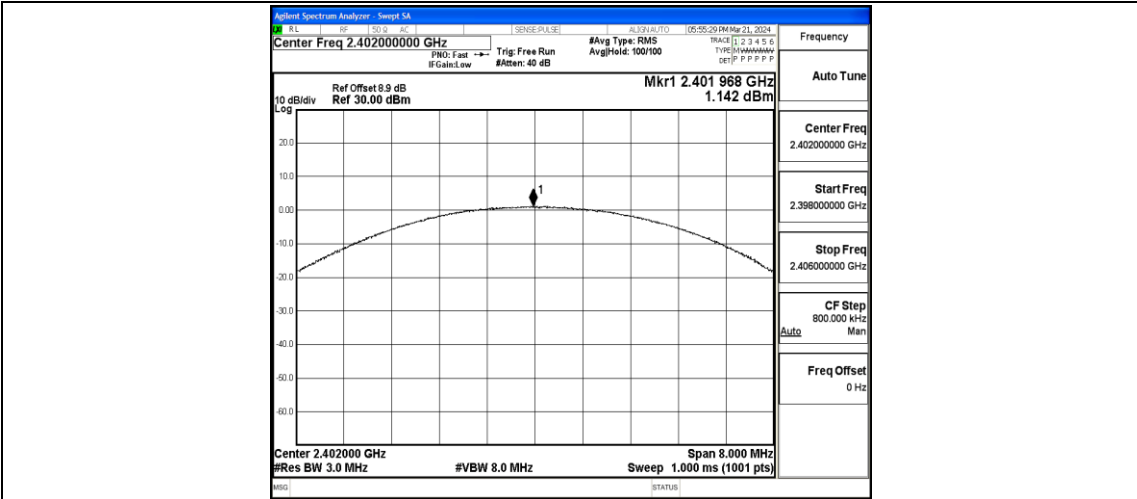
DH5-Ant1-2402-PASS



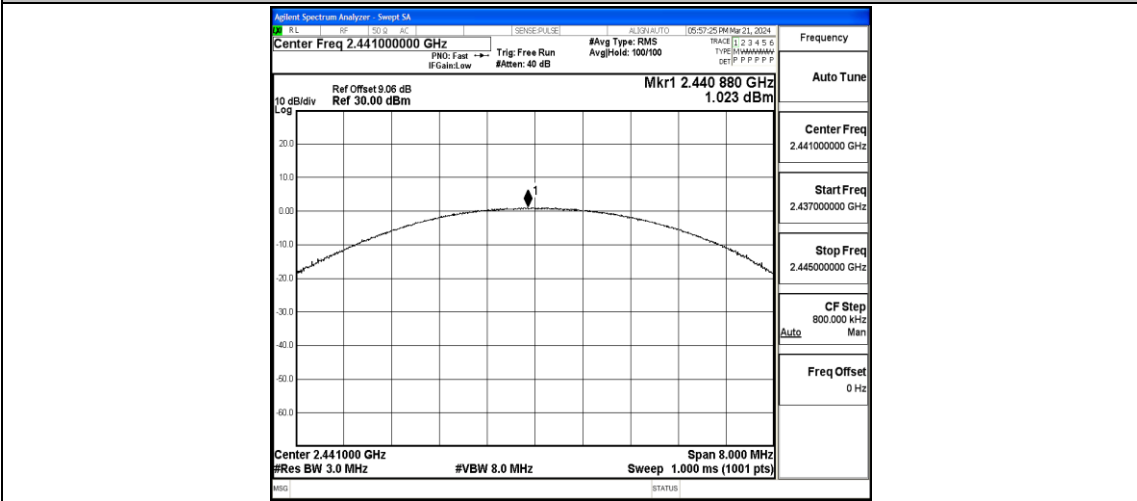
DH5-Ant1-2441-PASS



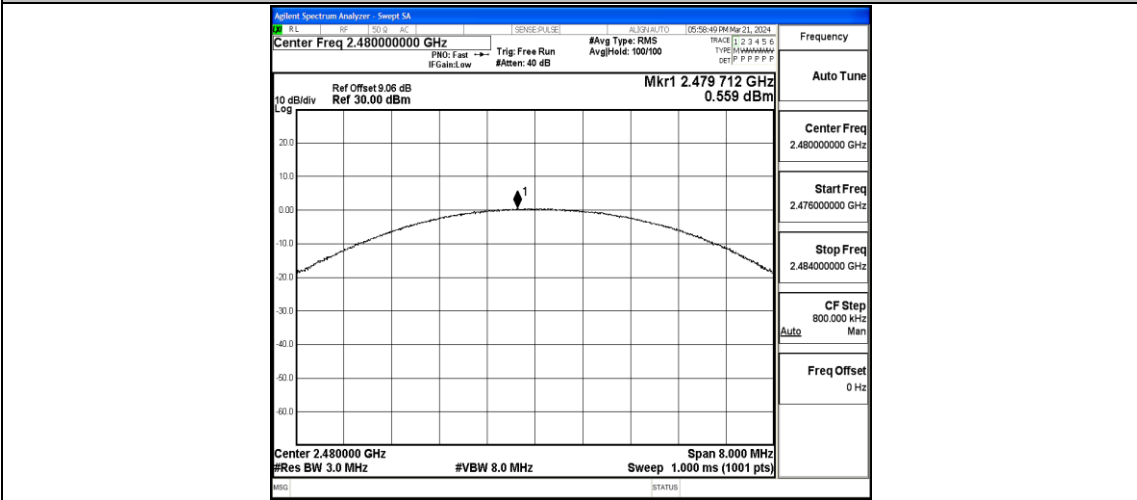
DH5-Ant1-2480-PASS



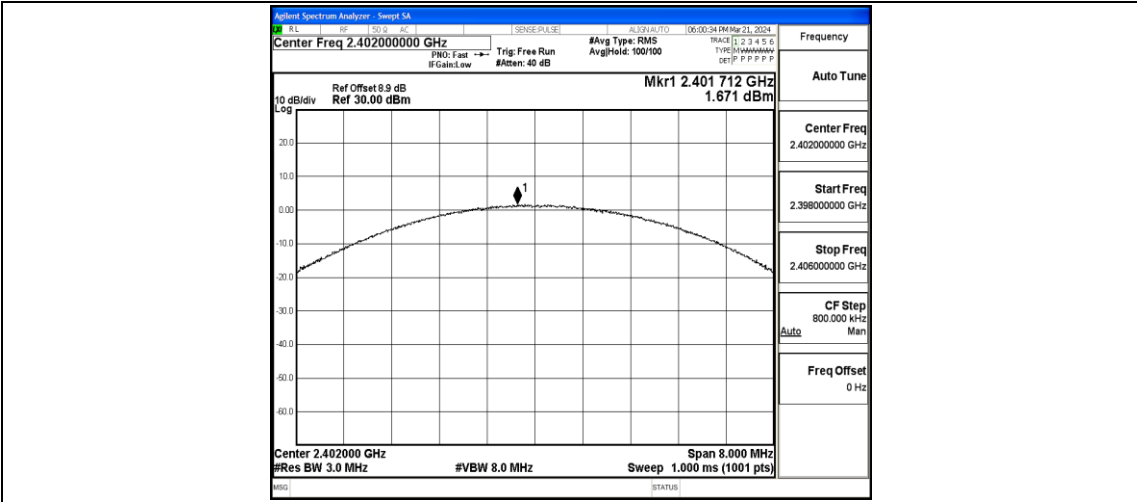
2DH5-Ant1-2402-PASS



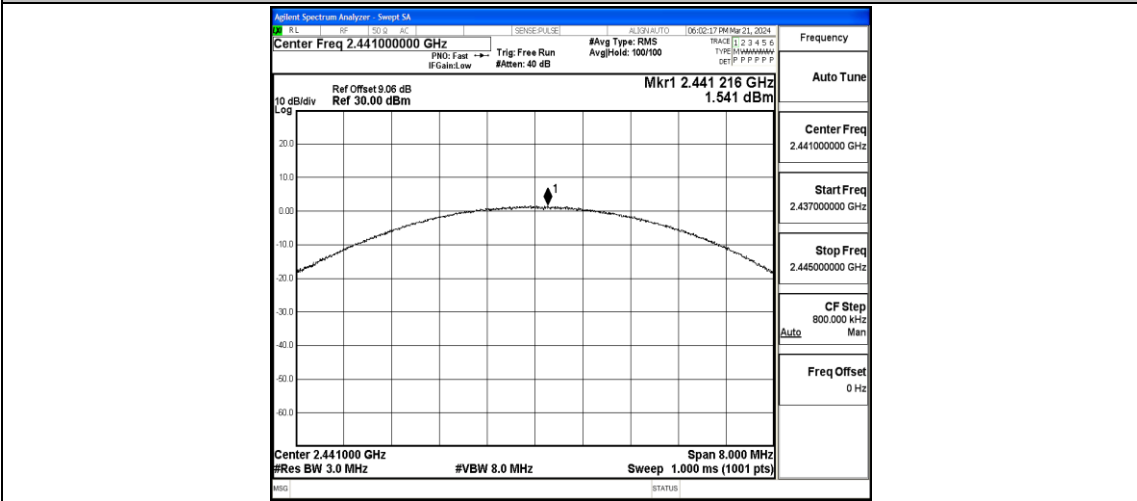
2DH5-Ant1-2441-PASS



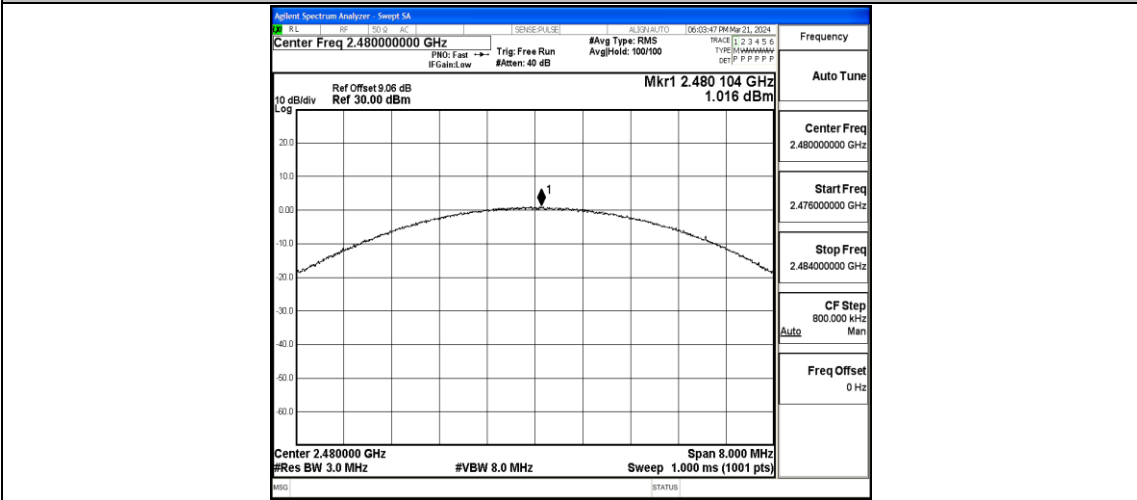
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



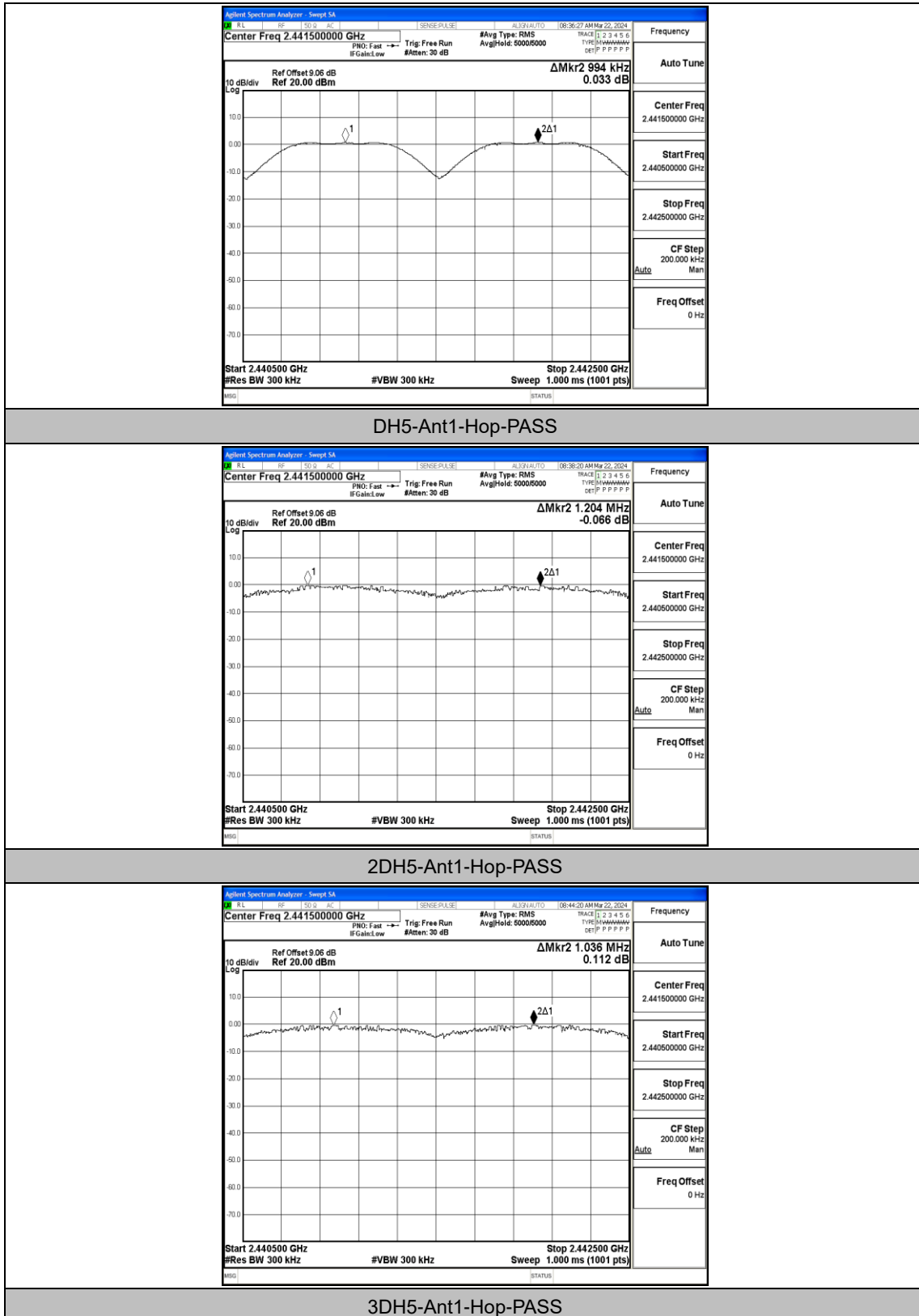
3DH5-Ant1-2480-PASS

## Appendix D: Carrier frequency separation

### Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.994	$\geq 0.686$	PASS
2DH5	Ant1	Hop	1.204	$\geq 0.876$	PASS
3DH5	Ant1	Hop	1.036	$\geq 0.884$	PASS

### Test Graphs

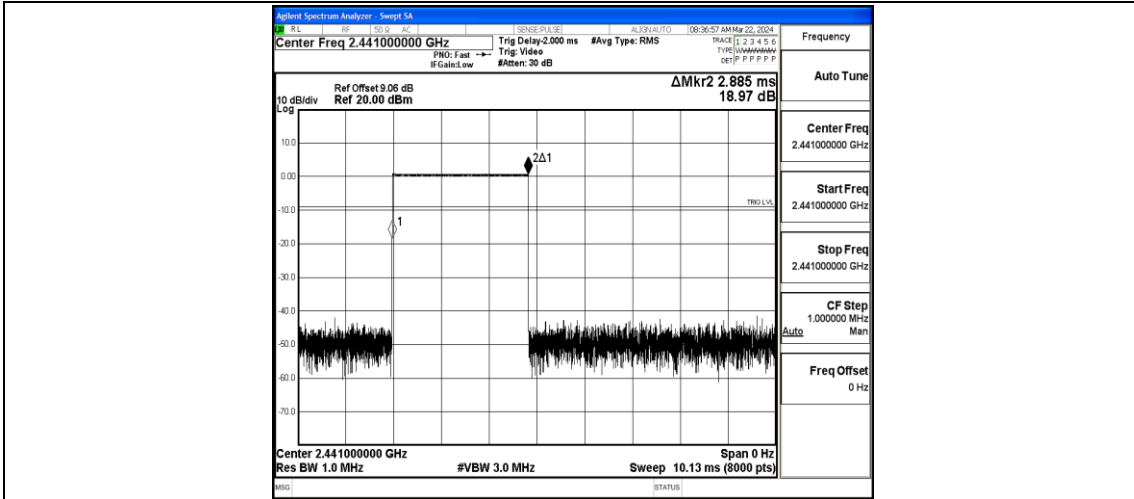


## Appendix E: Time of occupancy

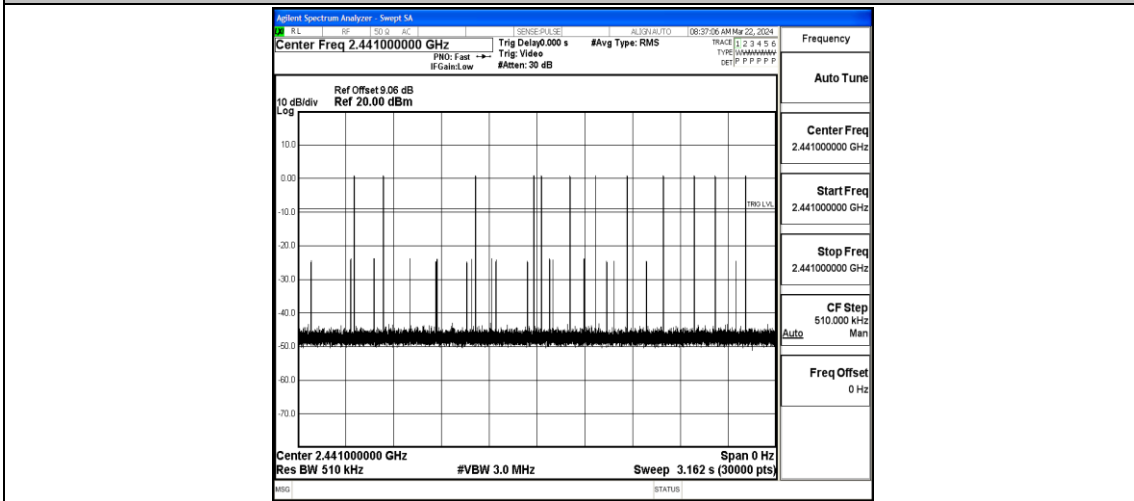
### Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.885	130	0.375	≤0.4	PASS
2DH5	Ant1	Hop	2.891	120	0.347	≤0.4	PASS
3DH5	Ant1	Hop	2.891	130	0.376	≤0.4	PASS

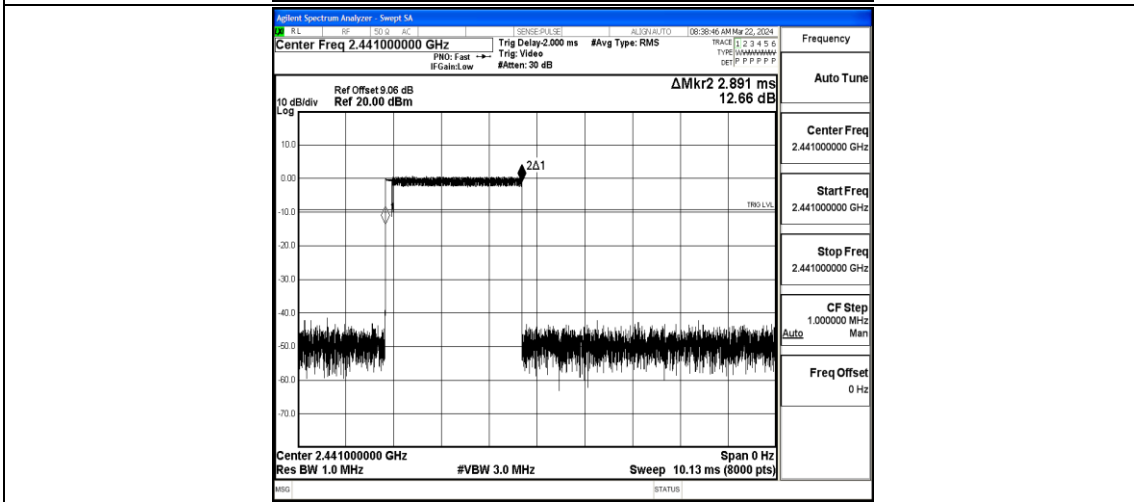
### Test Graphs



DH5-Ant1-Hop-PASS

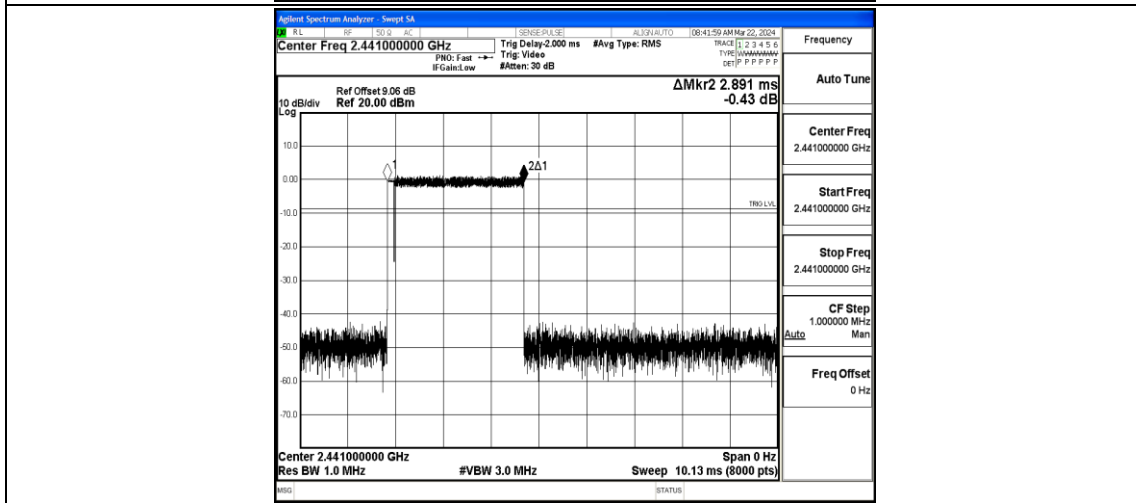
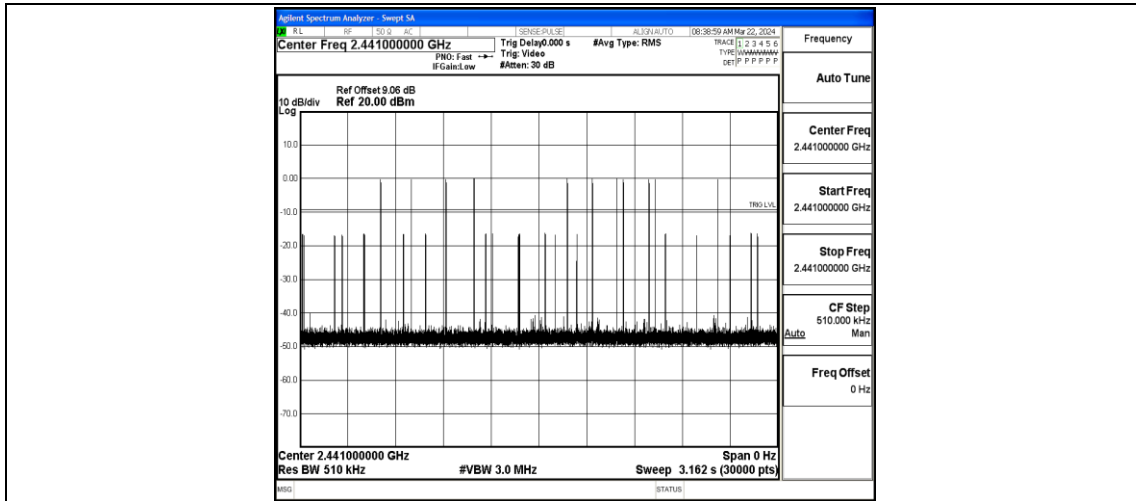


2DH5-Ant1-Hop-PASS

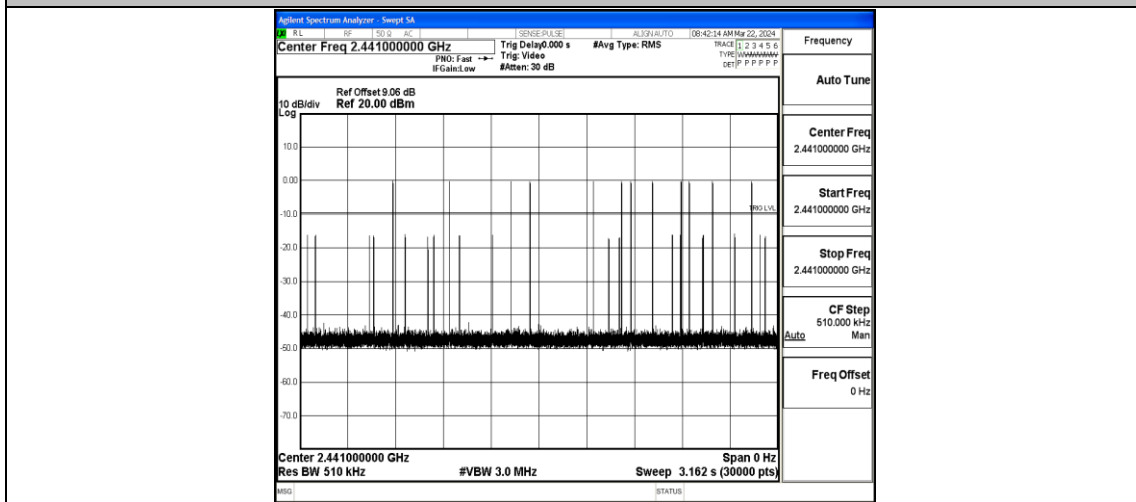


2DH5-Ant1-Hop-PASS





3DH5-Ant1-Hop-PASS

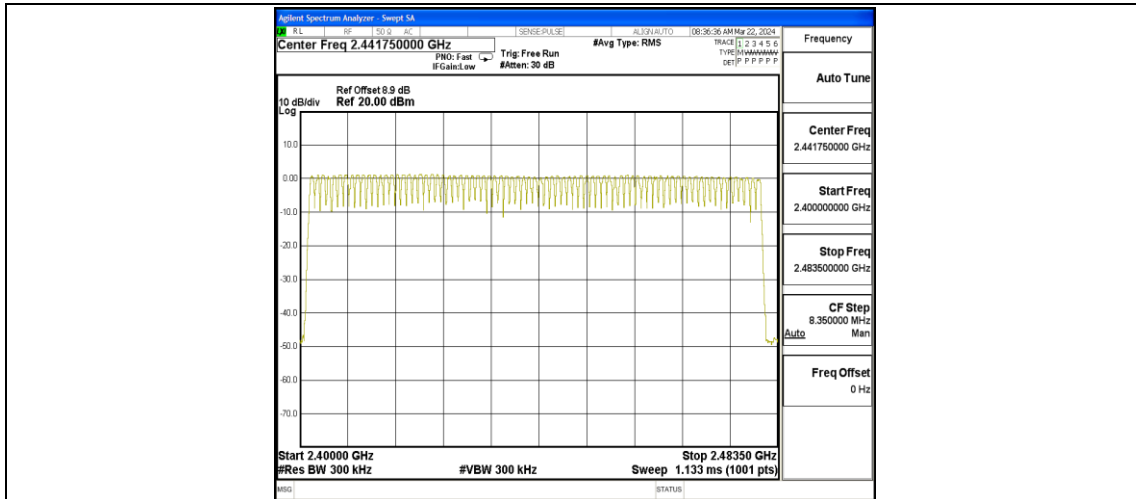


## Appendix F: Number of hopping channels

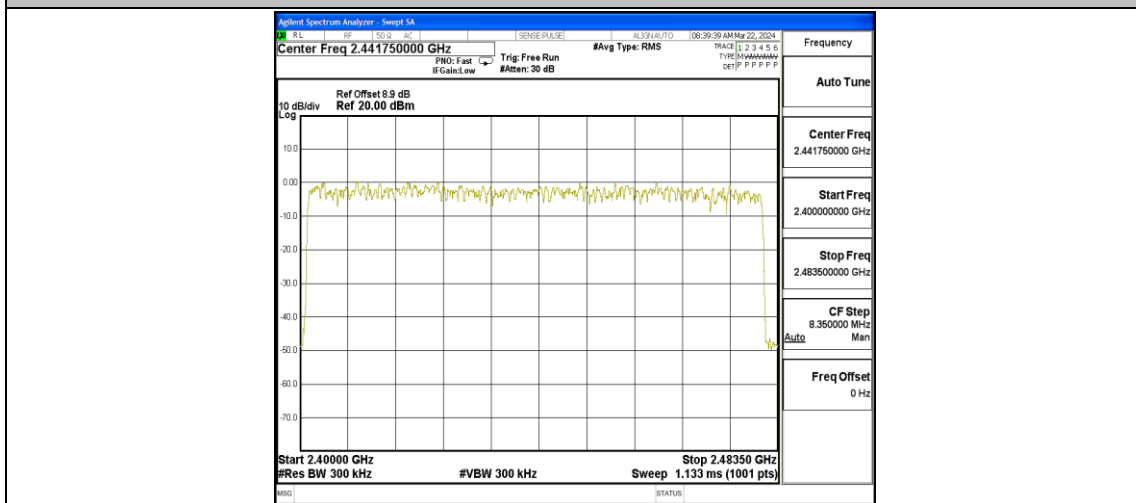
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥15	PASS
2DH5	Ant1	Hop	79	≥15	PASS
3DH5	Ant1	Hop	79	≥15	PASS

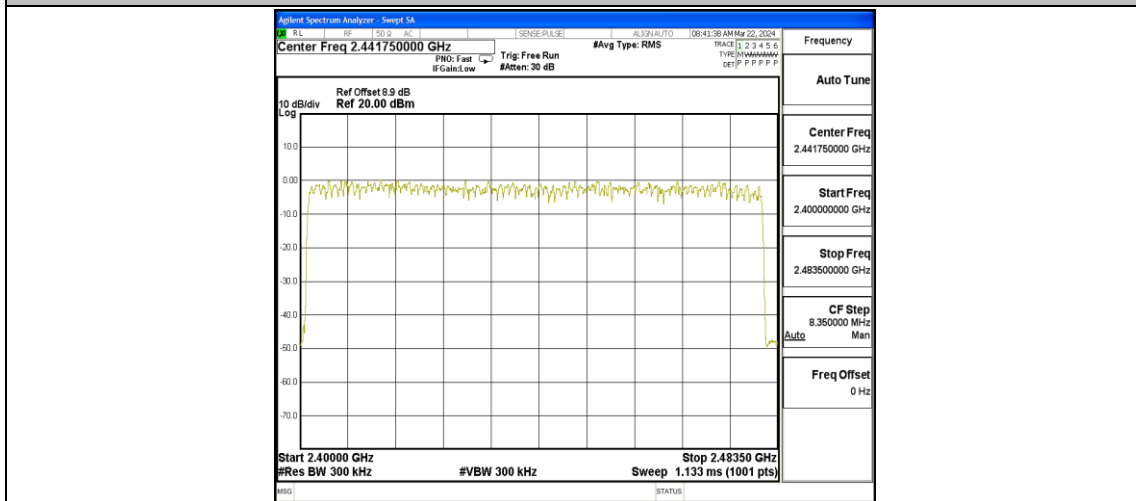
### Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS



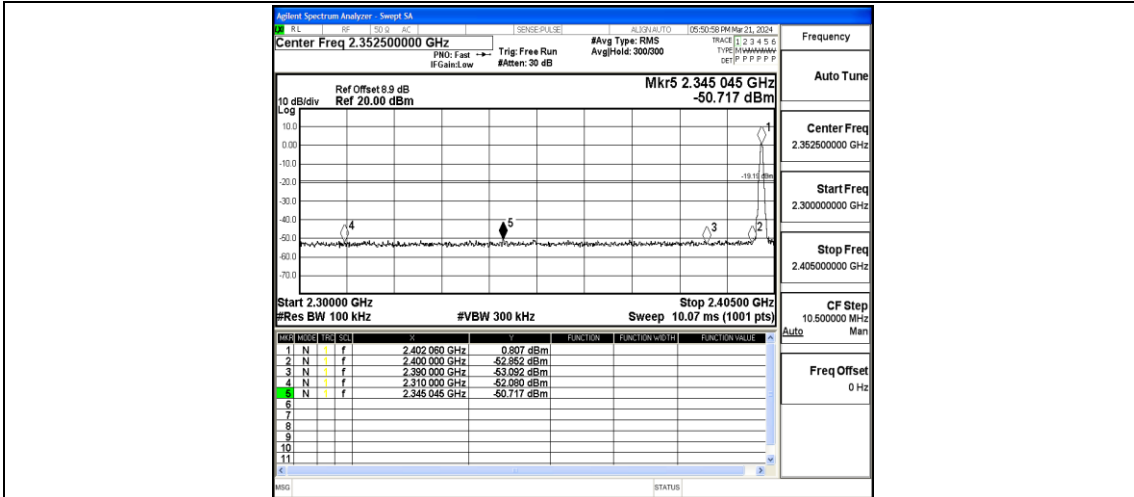
3DH5-Ant1-Hop-PASS

## Appendix G: Band edge measurements

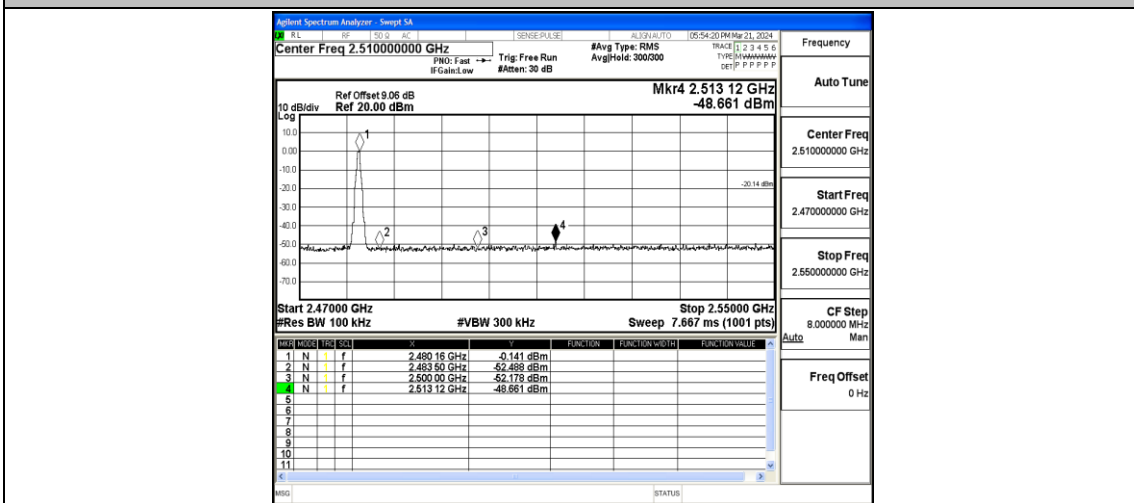
### Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	0.81	-50.72	≤-19.19	PASS
DH5	Ant1	High	2480	-0.14	-48.66	≤-20.14	PASS
DH5	Ant1	Low	Hop_2402	0.23	-50.5	≤-19.77	PASS
DH5	Ant1	High	Hop_2480	-0.37	-49.48	≤-20.37	PASS
2DH5	Ant1	Low	2402	-0.28	-50.7	≤-20.28	PASS
2DH5	Ant1	High	2480	-0.87	-49.19	≤-20.87	PASS
2DH5	Ant1	Low	Hop_2402	-4.04	-50.48	≤-24.04	PASS
2DH5	Ant1	High	Hop_2480	-2.76	-49.87	≤-22.76	PASS
3DH5	Ant1	Low	2402	-0.69	-50.16	≤-20.69	PASS
3DH5	Ant1	High	2480	-1.04	-49.34	≤-21.04	PASS
3DH5	Ant1	Low	Hop_2402	-4.10	-50.37	≤-24.1	PASS
3DH5	Ant1	High	Hop_2480	-2.51	-49.25	≤-22.51	PASS

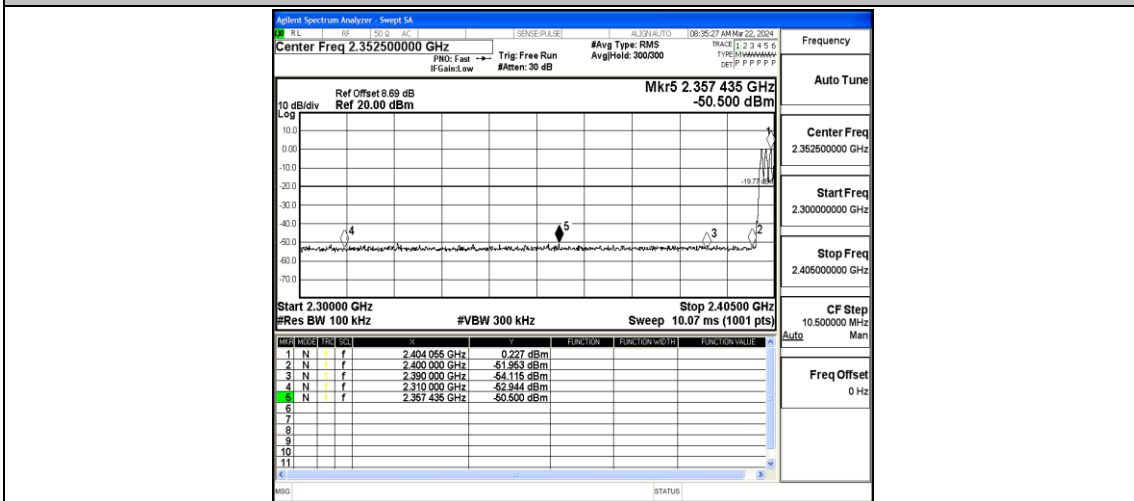
### Test Graphs



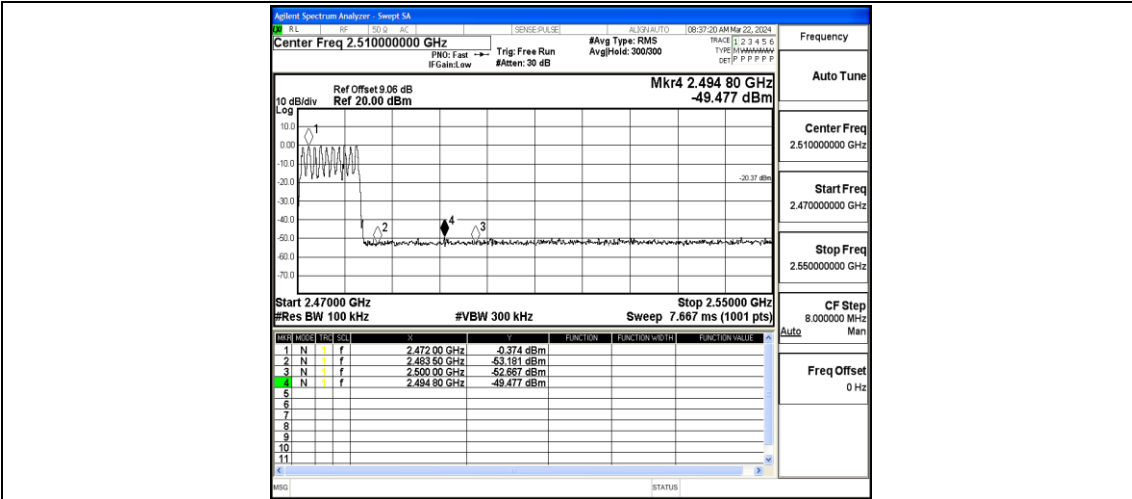
DH5-Ant1-2402-PASS



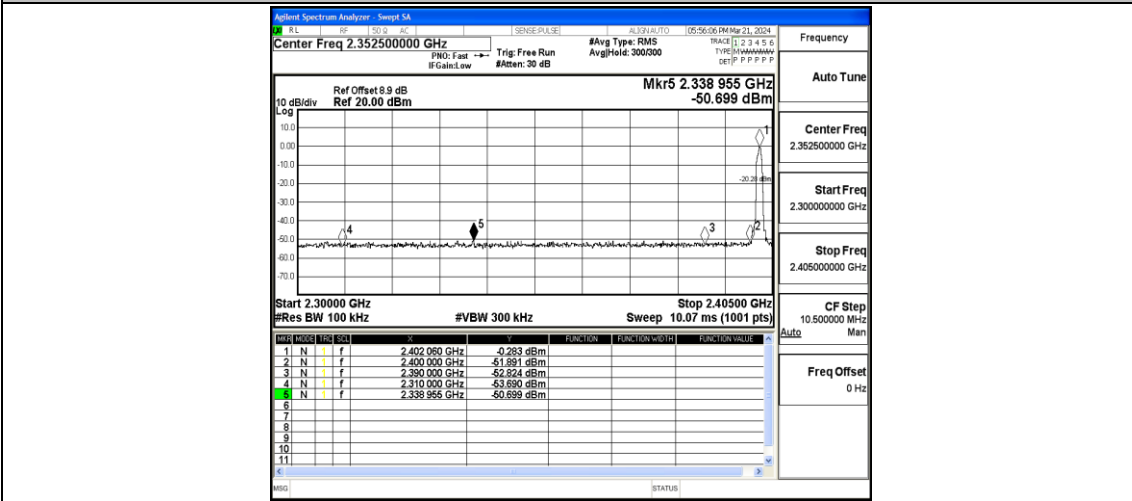
DH5-Ant1-2480-PASS



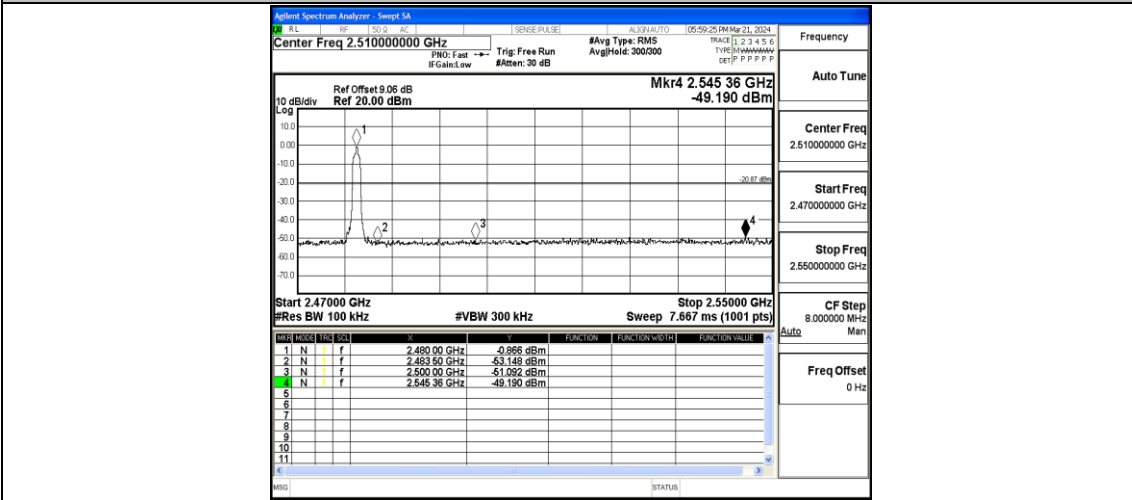
DH5-Ant1-Hop\_2402-PASS



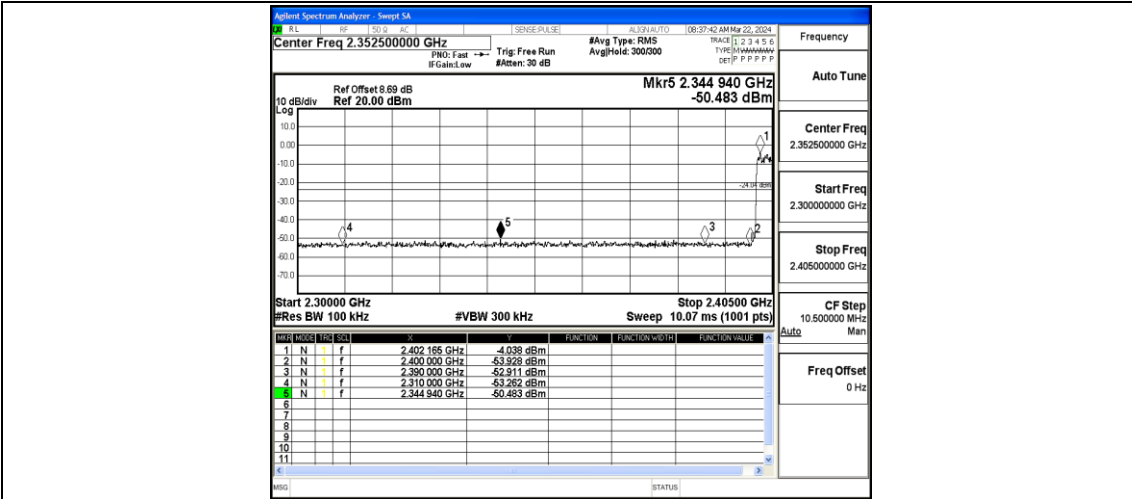
DH5-Ant1-Hop\_2480-PASS



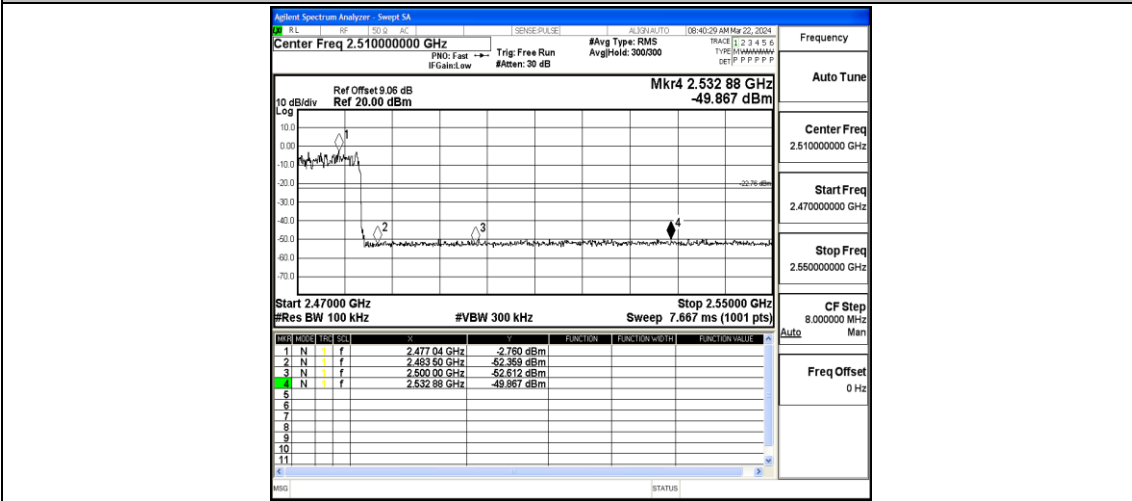
2DH5-Ant1-2402-PASS



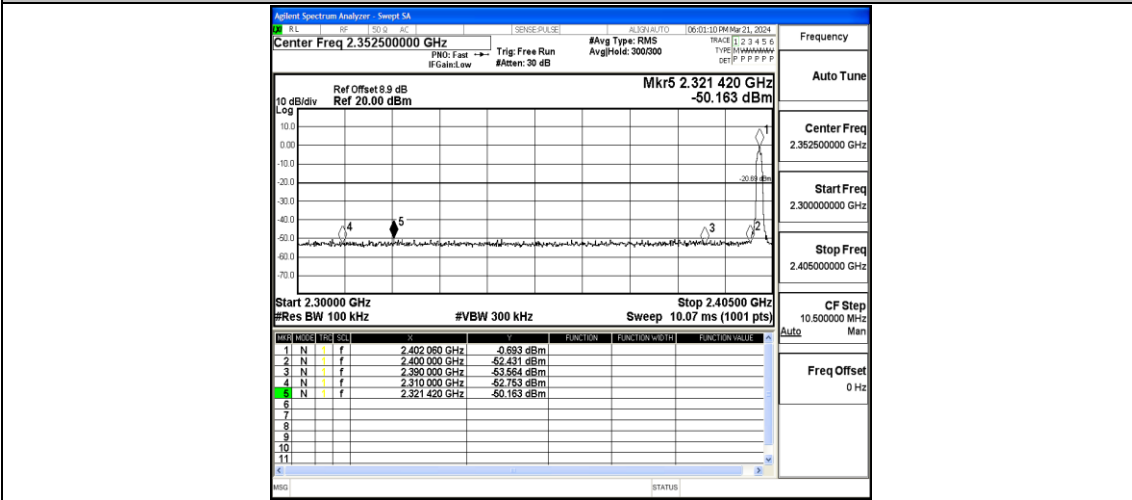
2DH5-Ant1-2480-PASS



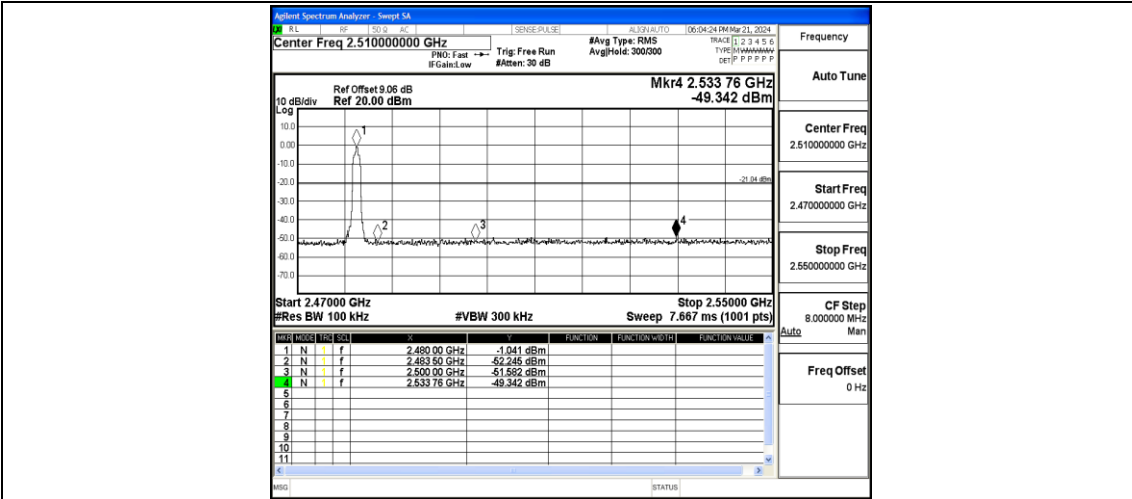
2DH5-Ant1-Hop\_2402-PASS



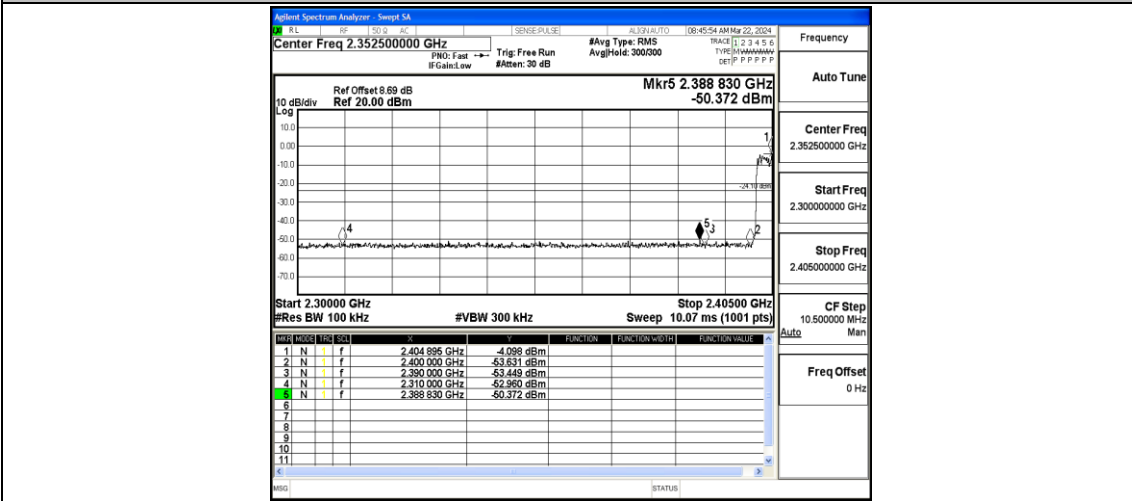
2DH5-Ant1-Hop\_2480-PASS



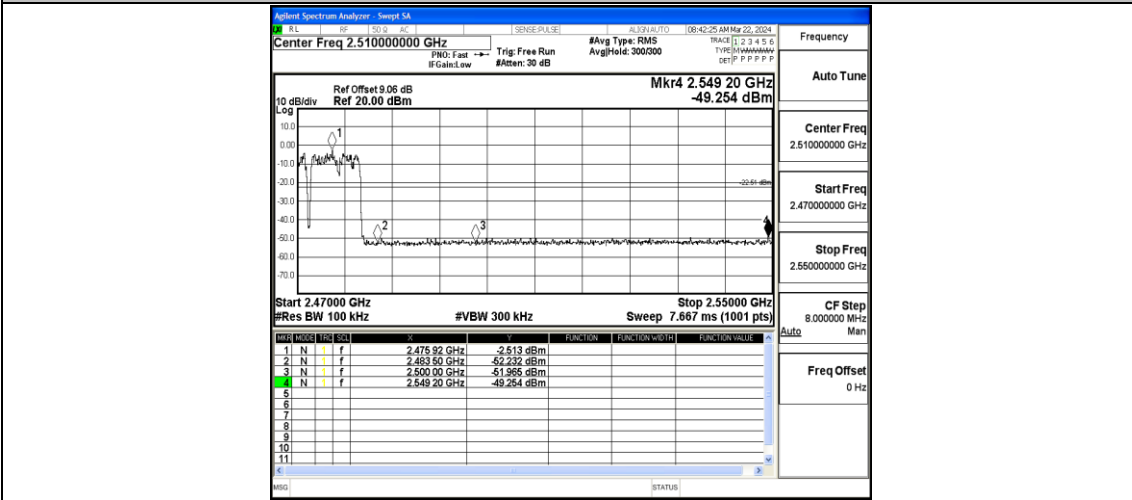
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop\_2402-PASS



3DH5-Ant1-Hop\_2480-PASS

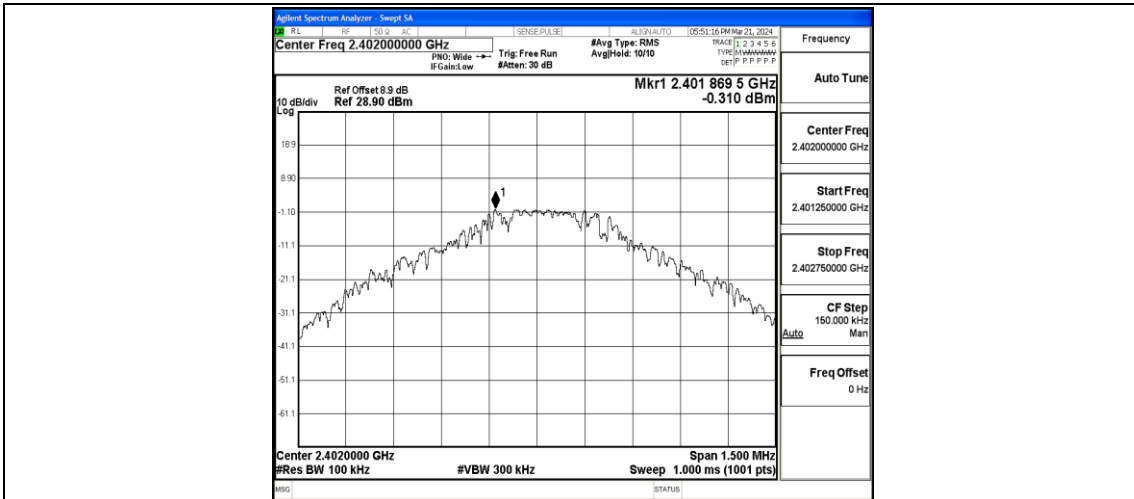


## Appendix H: Conducted Spurious Emission

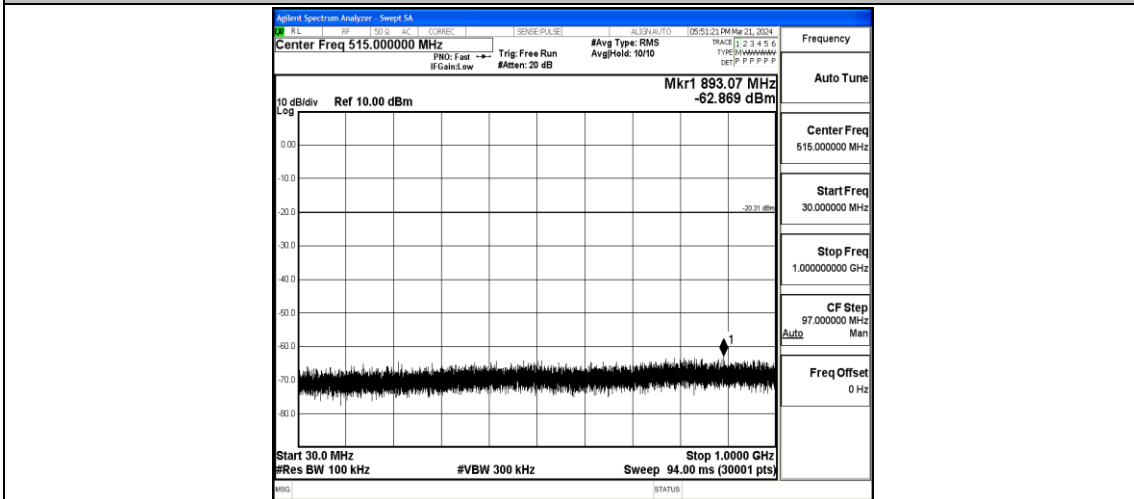
### Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-0.31	-0.31	---	PASS
DH5	Ant1	2402	30~1000	-0.31	-62.87	≤-20.31	PASS
DH5	Ant1	2402	1000~26500	-0.31	-50.74	≤-20.31	PASS
DH5	Ant1	2441	0~Reference	0.05	0.05	---	PASS
DH5	Ant1	2441	30~1000	0.05	-62.4	≤-19.95	PASS
DH5	Ant1	2441	1000~26500	0.05	-50.72	≤-19.95	PASS
DH5	Ant1	2480	0~Reference	-0.95	-0.95	---	PASS
DH5	Ant1	2480	30~1000	-0.95	-62.43	≤-20.95	PASS
DH5	Ant1	2480	1000~26500	-0.95	-50.81	≤-20.95	PASS
2DH5	Ant1	2402	0~Reference	-0.60	-0.60	---	PASS
2DH5	Ant1	2402	30~1000	-0.60	-62.55	≤-20.6	PASS
2DH5	Ant1	2402	1000~26500	-0.60	-43.73	≤-20.6	PASS
2DH5	Ant1	2441	0~Reference	-1.31	-1.31	---	PASS
2DH5	Ant1	2441	30~1000	-1.31	-62.46	≤-21.31	PASS
2DH5	Ant1	2441	1000~26500	-1.31	-49.53	≤-21.31	PASS
2DH5	Ant1	2480	0~Reference	-3.95	-3.95	---	PASS
2DH5	Ant1	2480	30~1000	-3.95	-62.36	≤-23.95	PASS
2DH5	Ant1	2480	1000~26500	-3.95	-50.29	≤-23.95	PASS
3DH5	Ant1	2402	0~Reference	-1.38	-1.38	---	PASS
3DH5	Ant1	2402	30~1000	-1.38	-62.14	≤-21.38	PASS
3DH5	Ant1	2402	1000~26500	-1.38	-50.47	≤-21.38	PASS
3DH5	Ant1	2441	0~Reference	-4.55	-4.55	---	PASS
3DH5	Ant1	2441	30~1000	-4.55	-62.91	≤-24.55	PASS
3DH5	Ant1	2441	1000~26500	-4.55	-50.45	≤-24.55	PASS
3DH5	Ant1	2480	0~Reference	-4.26	-4.26	---	PASS
3DH5	Ant1	2480	30~1000	-4.26	-62.64	≤-24.26	PASS
3DH5	Ant1	2480	1000~26500	-4.26	-50.13	≤-24.26	PASS

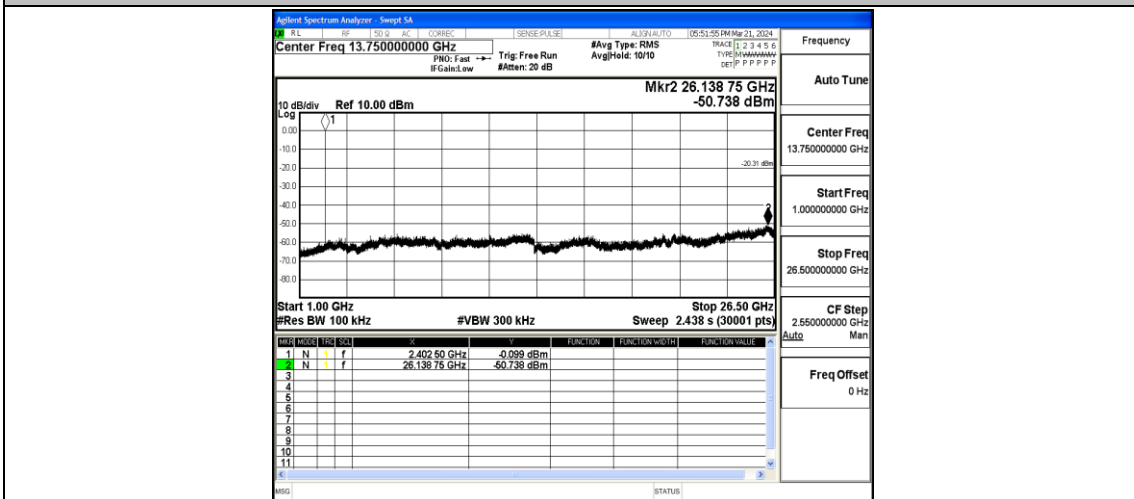
### Test Graphs



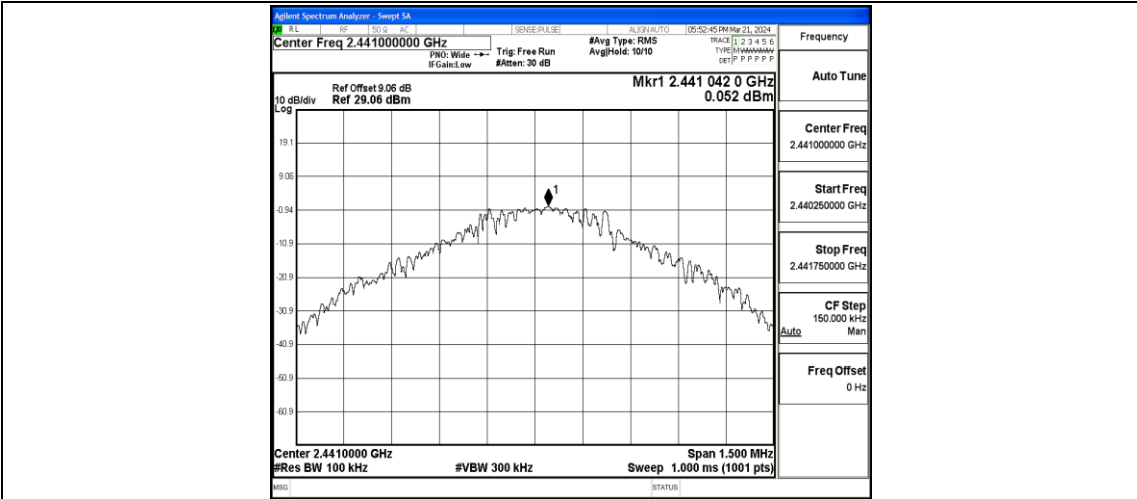
DH5-Ant1-2402-0~Reference-PASS



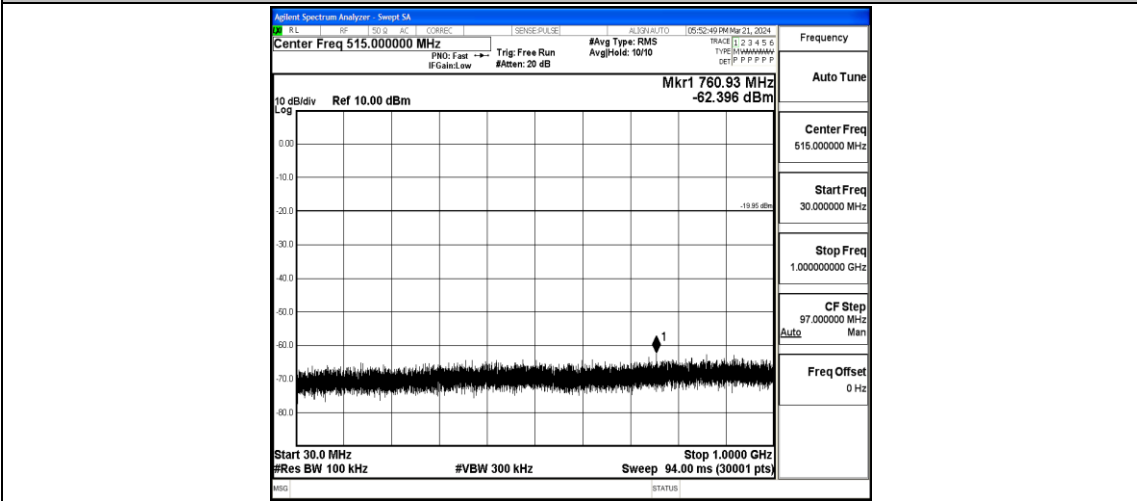
DH5-Ant1-2402-30~1000-PASS



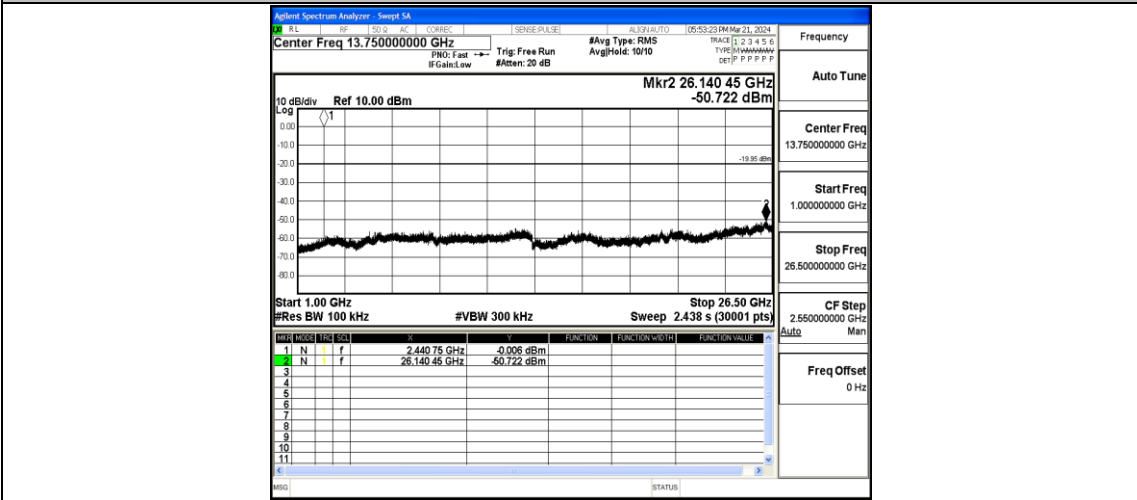
DH5-Ant1-2402-1000~26500-PASS



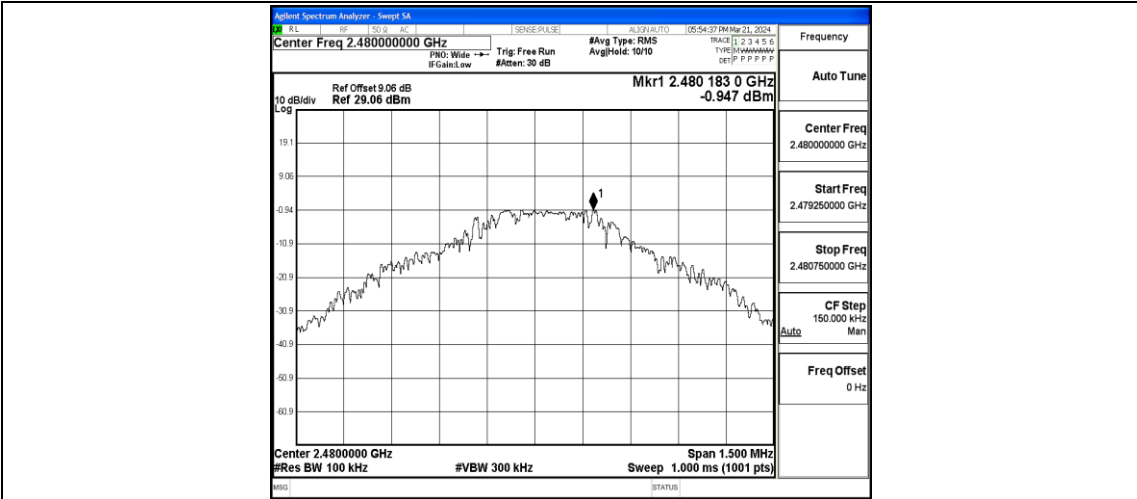
DH5-Ant1-2441-0~Reference-PASS



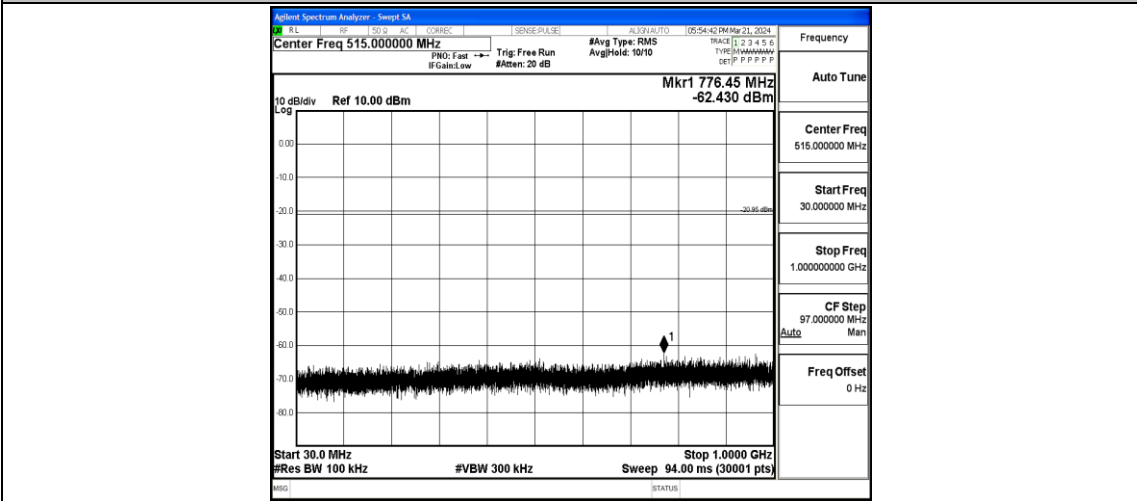
DH5-Ant1-2441-30~1000-PASS



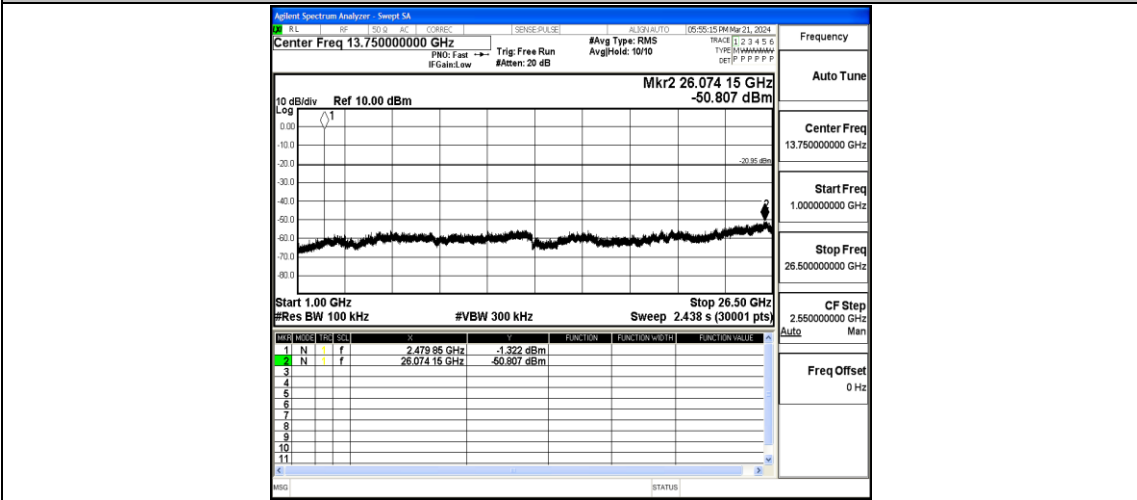
DH5-Ant1-2441-1000~26500-PASS



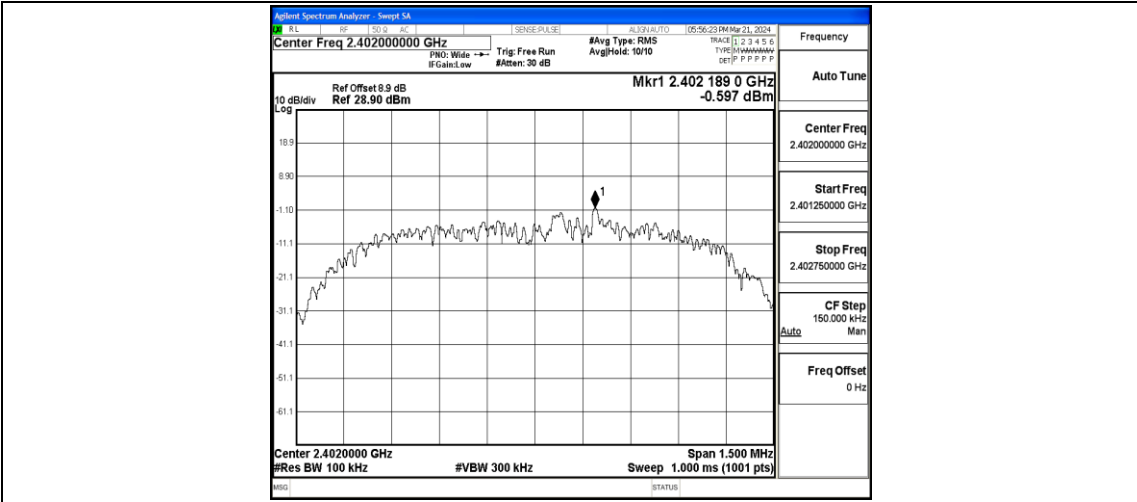
DH5-Ant1-2480-0~Reference-PASS



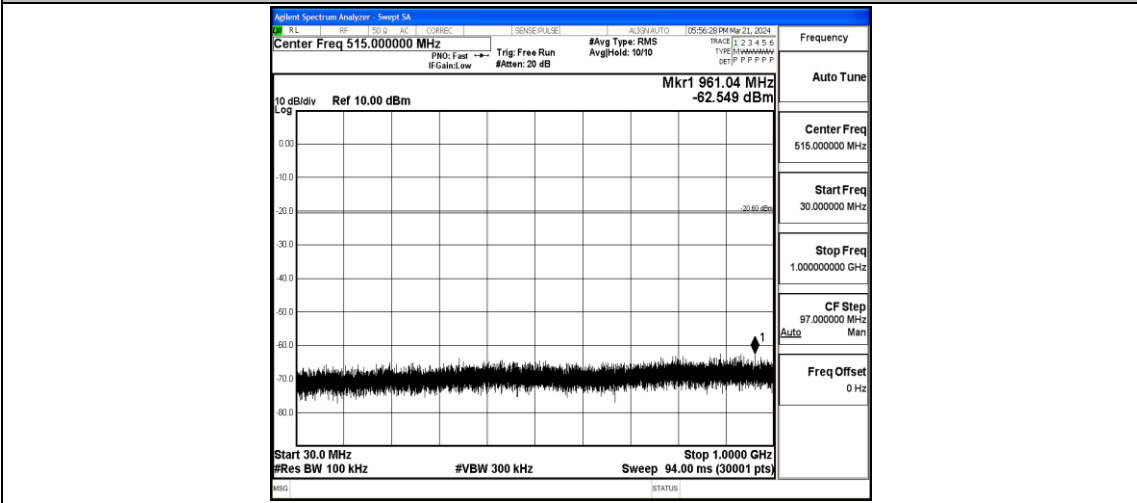
DH5-Ant1-2480-30~1000-PASS



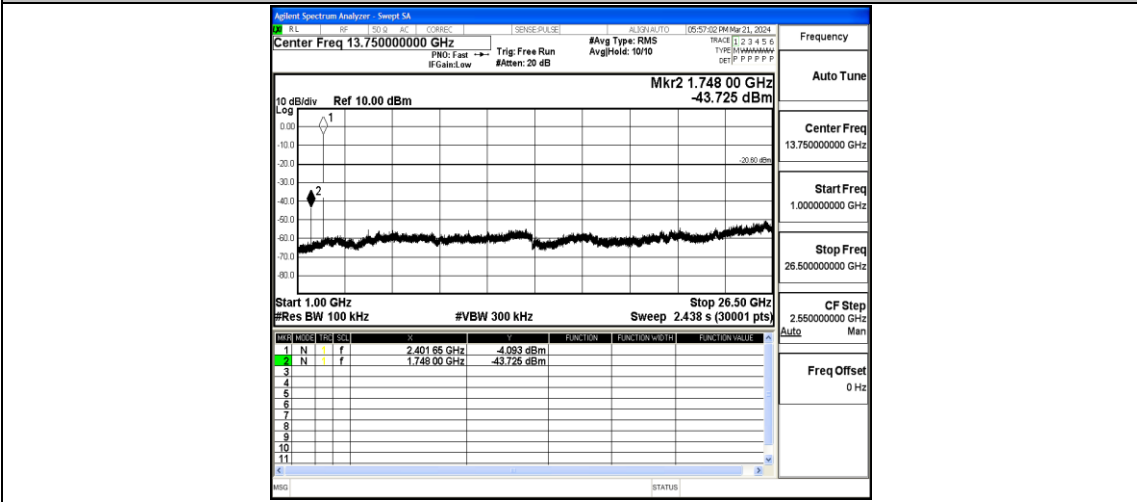
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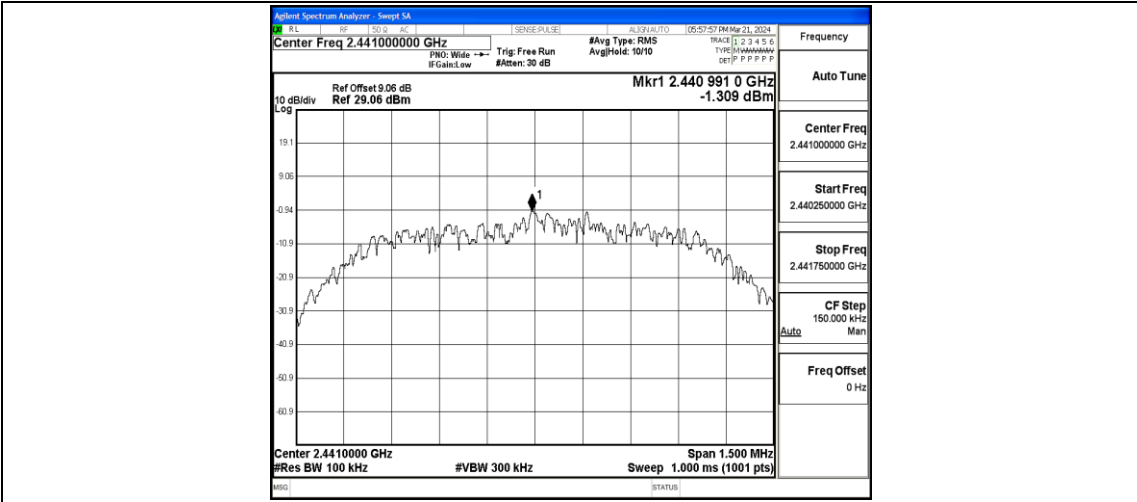
2DH5-Ant1-2402-0~Reference-PASS



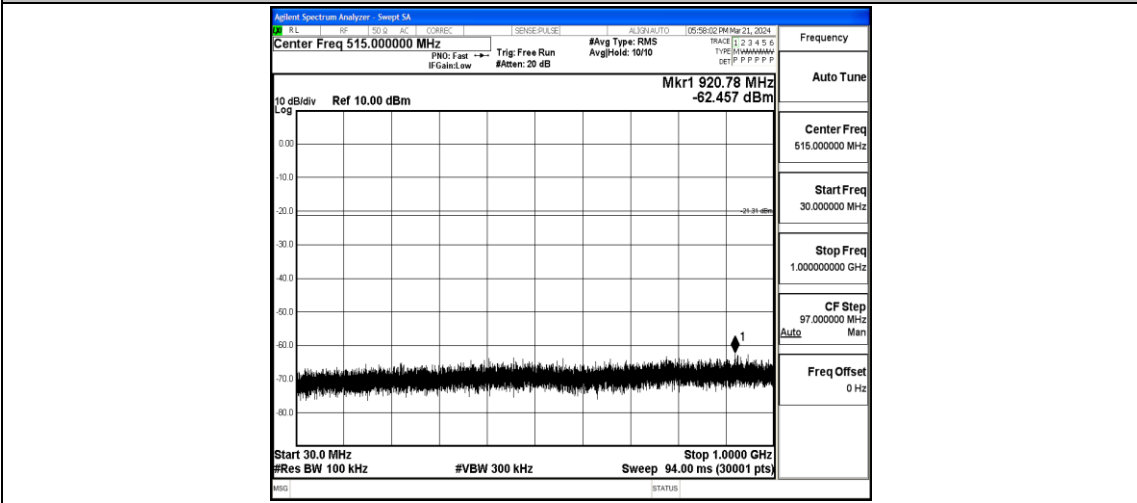
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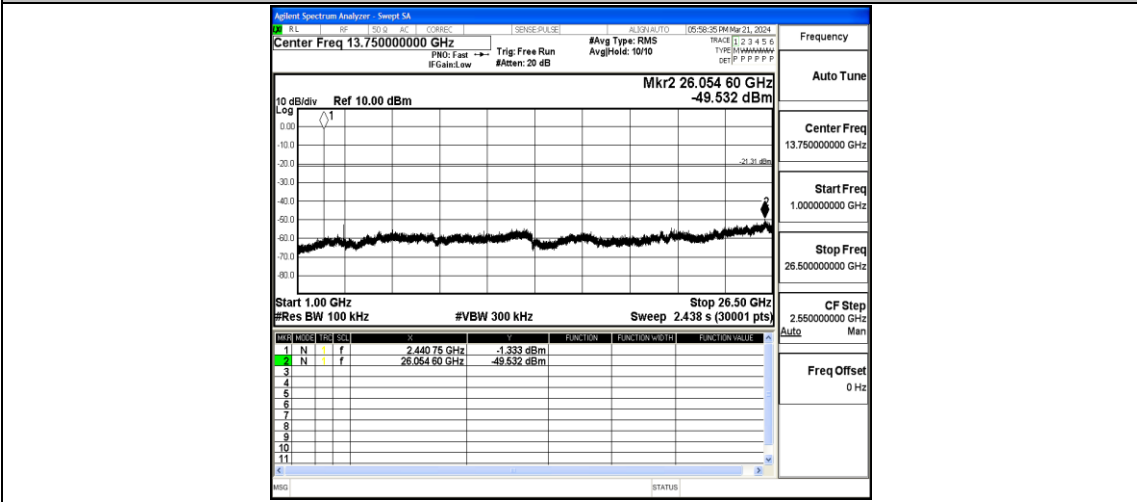
2DH5-Ant1-2402-1000~26500-PASS



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



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



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