

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.529	2402.468	---	---
DH5	Ant1	2441	0.954	2440.520	2441.474	---	---
DH5	Ant1	2480	0.936	2479.526	2480.462	---	---
2DH5	Ant1	2402	1.275	2401.355	2402.630	---	---
2DH5	Ant1	2441	1.287	2440.352	2441.639	---	---
2DH5	Ant1	2480	1.269	2479.370	2480.639	---	---
3DH5	Ant1	2402	1.254	2401.349	2402.603	---	---
3DH5	Ant1	2441	1.248	2440.352	2441.600	---	---
3DH5	Ant1	2480	1.290	2479.349	2480.639	---	---

Test Graphs



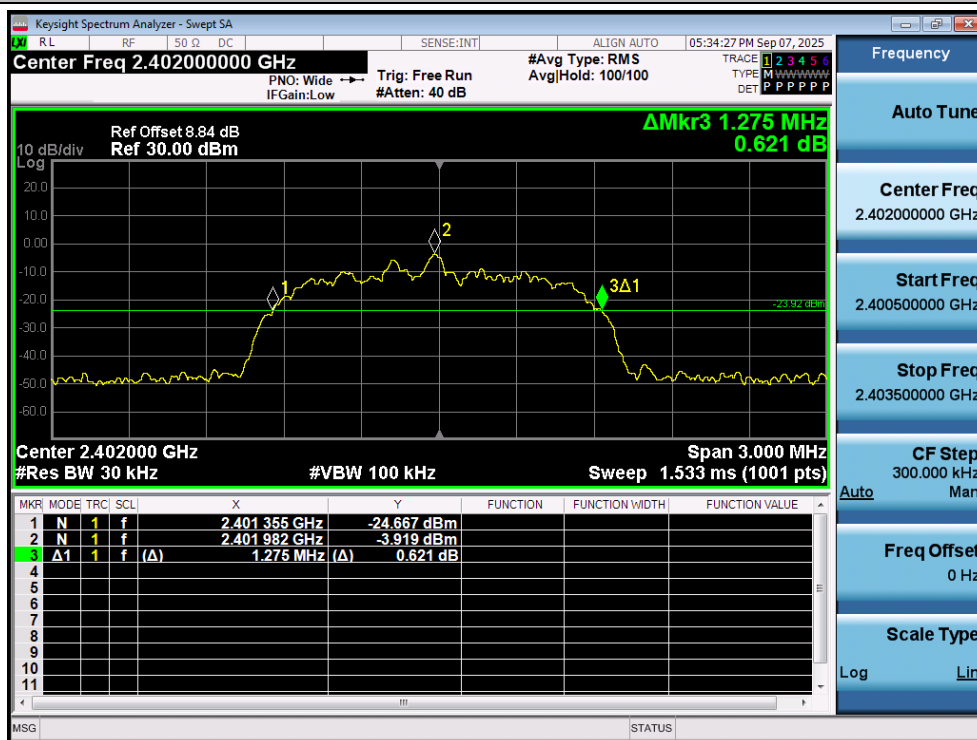
DH5-Ant1-2402



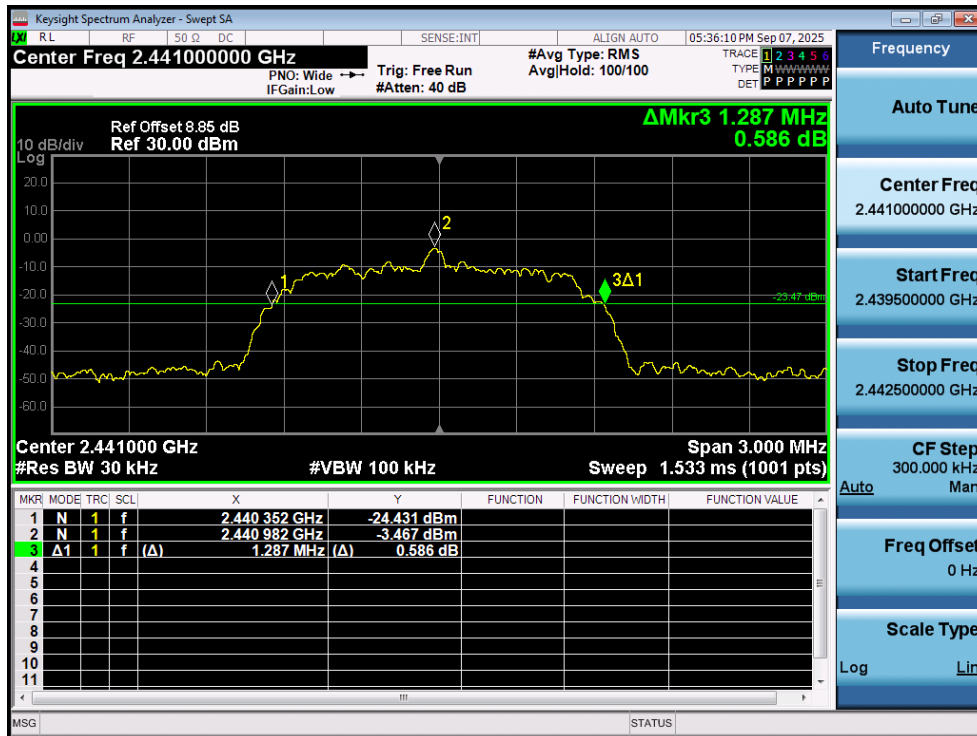
DH5-Ant1-2441



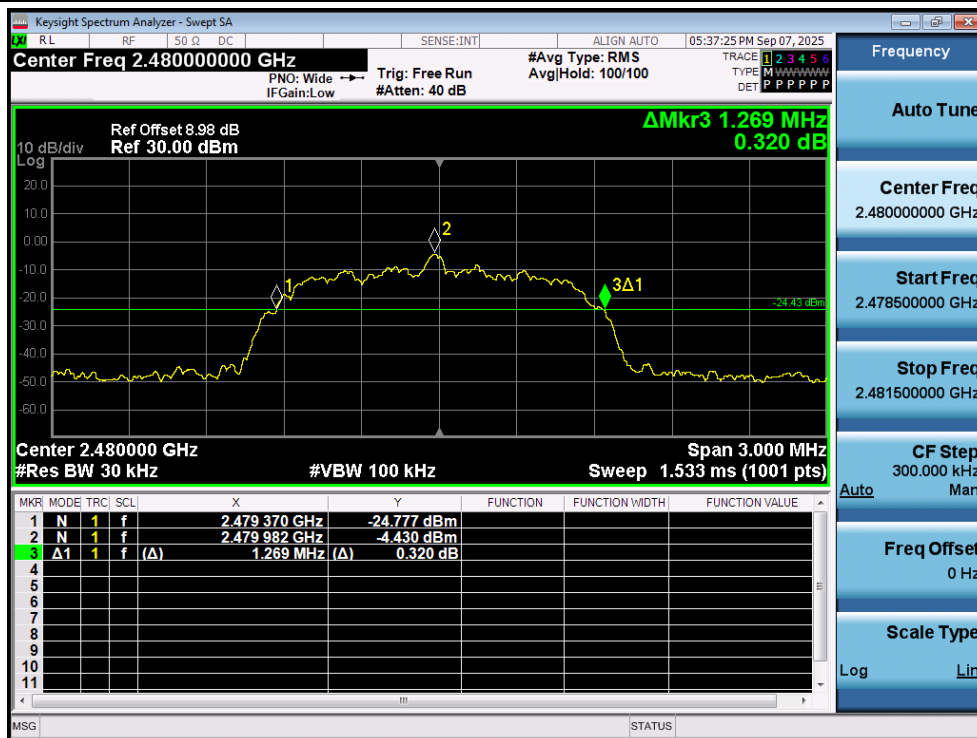
DH5-Ant1-2480



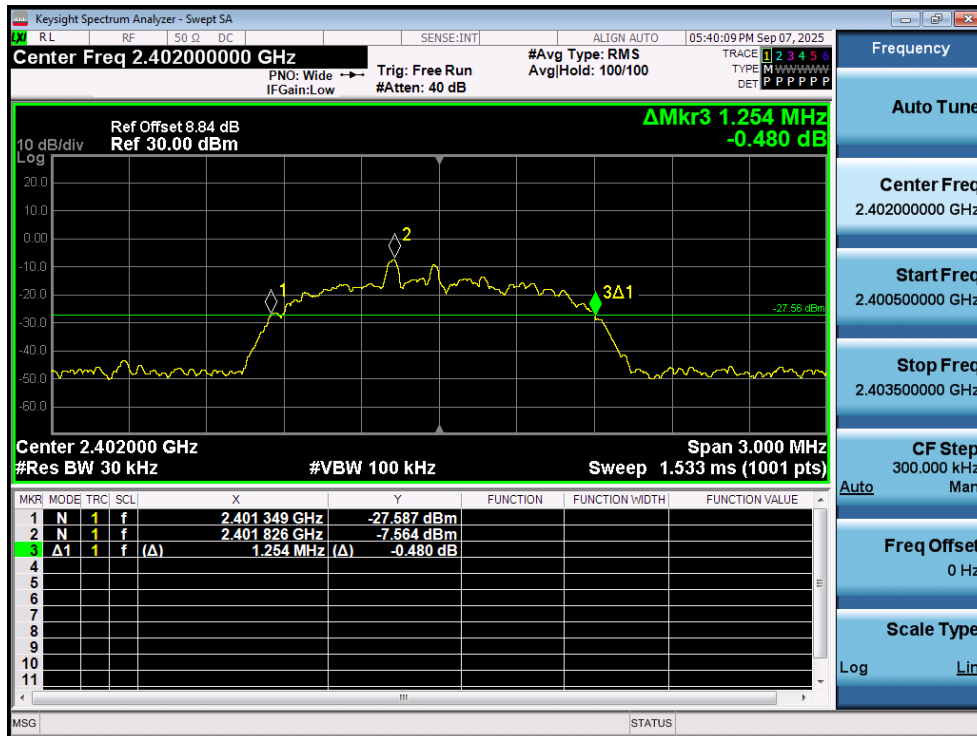
2DH5-Ant1-2402



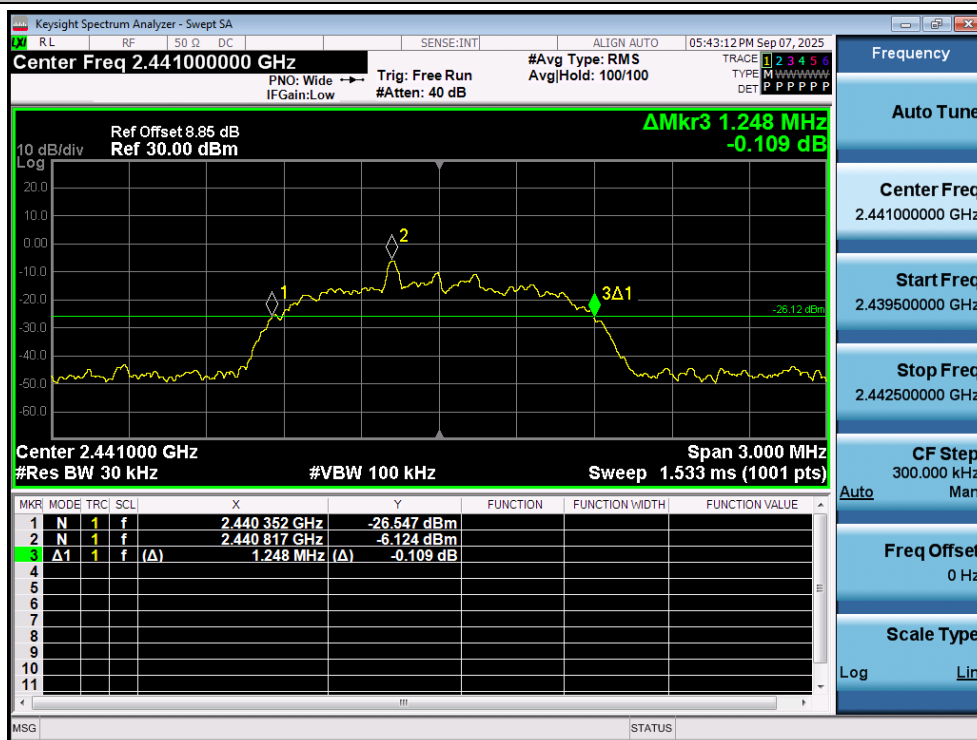
2DH5-Ant1-2441



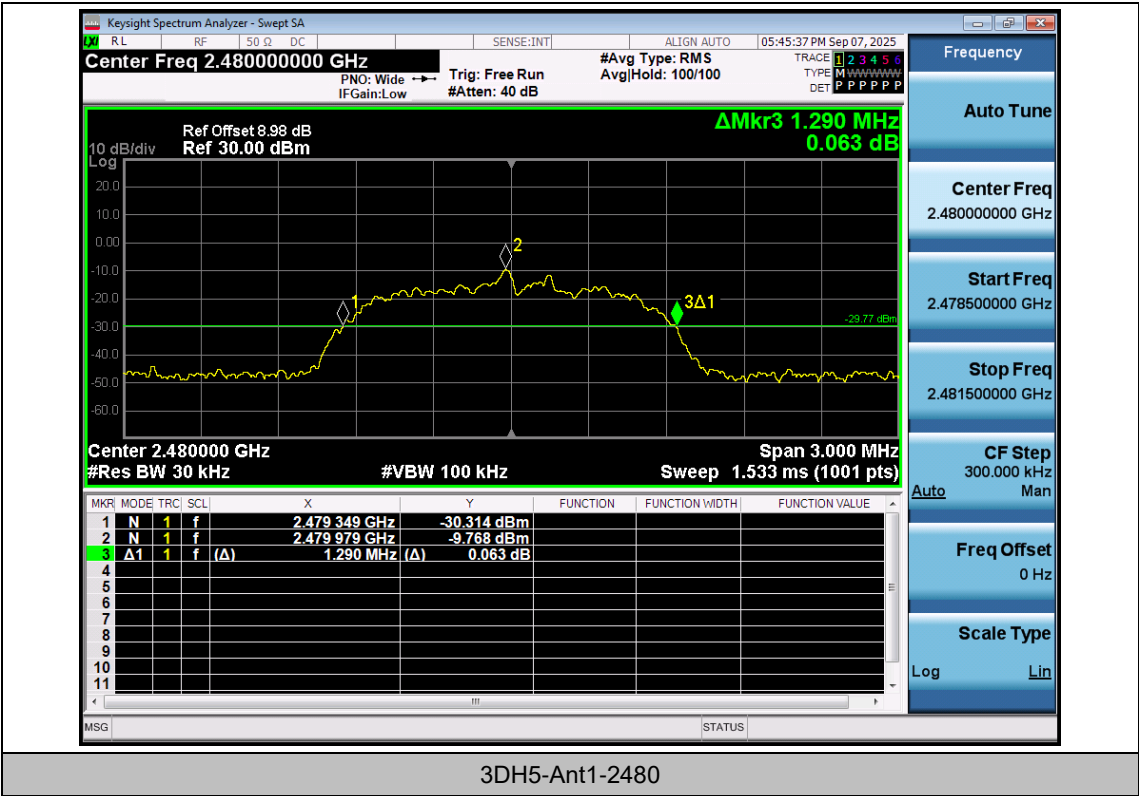
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441



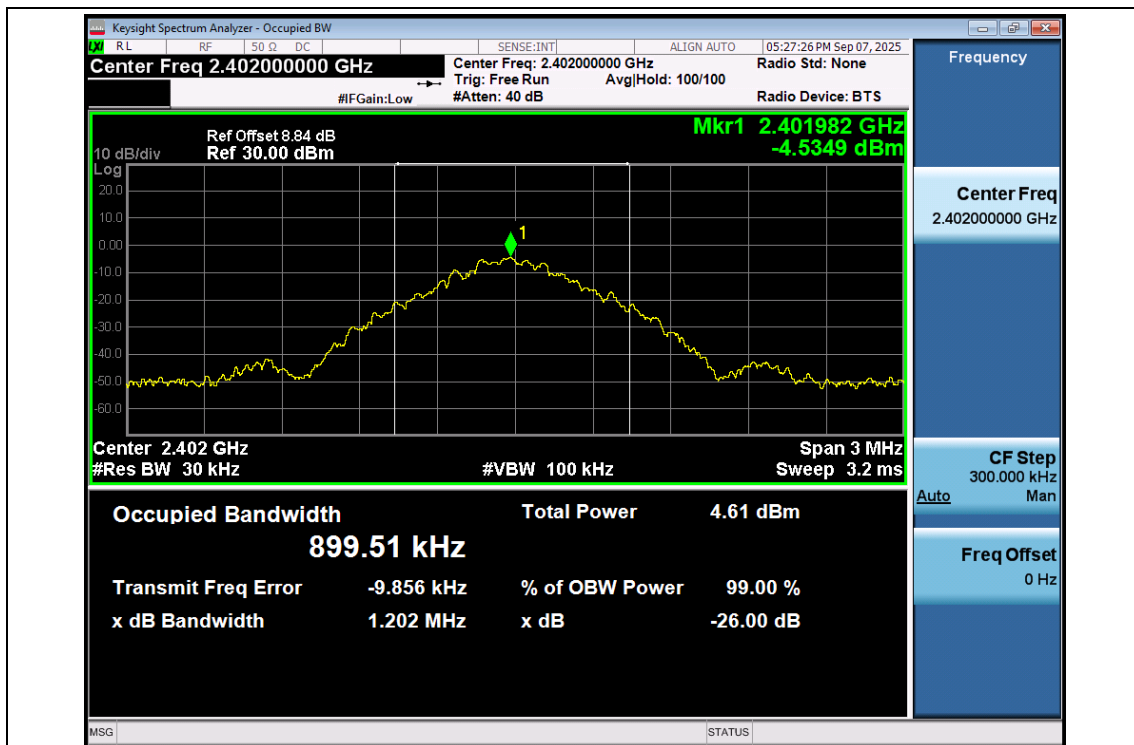
3DH5-Ant1-2480

Appendix B: Occupied Channel Bandwidth

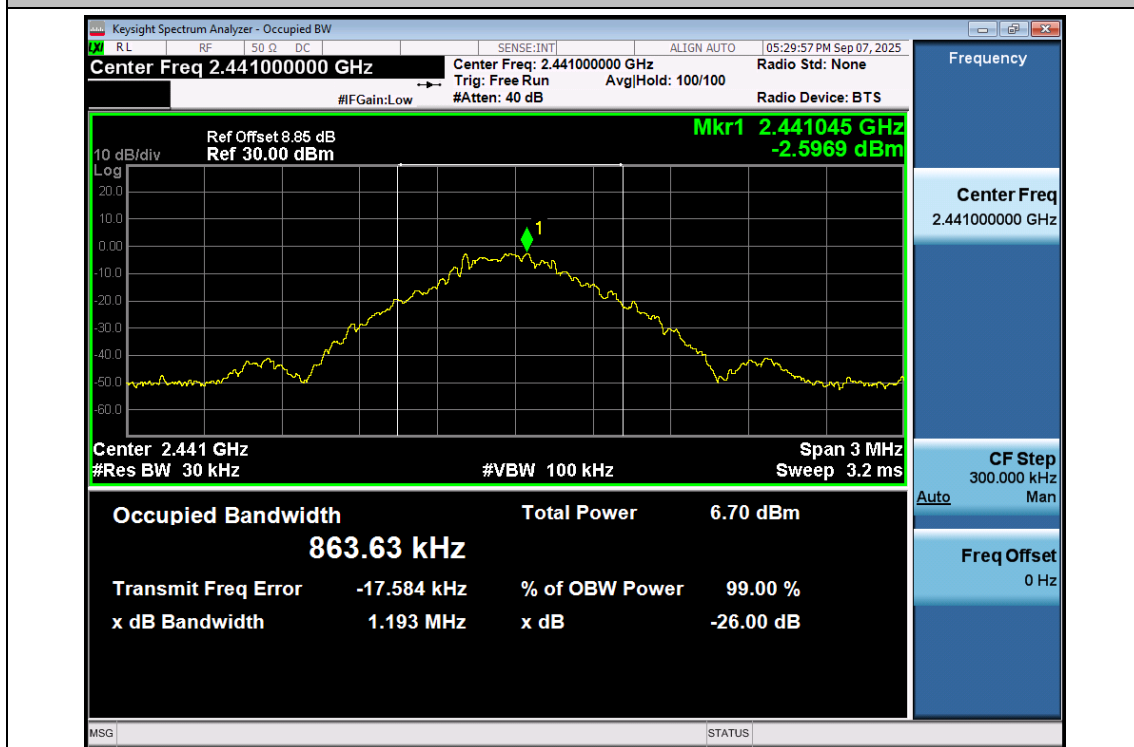
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.89951	2401.5404	2402.4399	---	---
DH5	Ant1	2441	0.86363	2440.5506	2441.4142	---	---
DH5	Ant1	2480	0.88368	2479.5428	2480.4264	---	---
2DH5	Ant1	2402	1.1698	2401.3998	2402.5696	---	---
2DH5	Ant1	2441	1.1764	2440.3962	2441.5726	---	---
2DH5	Ant1	2480	1.1832	2479.3912	2480.5744	---	---
3DH5	Ant1	2402	1.1776	2401.3986	2402.5762	---	---
3DH5	Ant1	2441	1.1905	2440.3884	2441.5789	---	---
3DH5	Ant1	2480	1.1791	2479.3960	2480.5751	---	---

Test Graphs



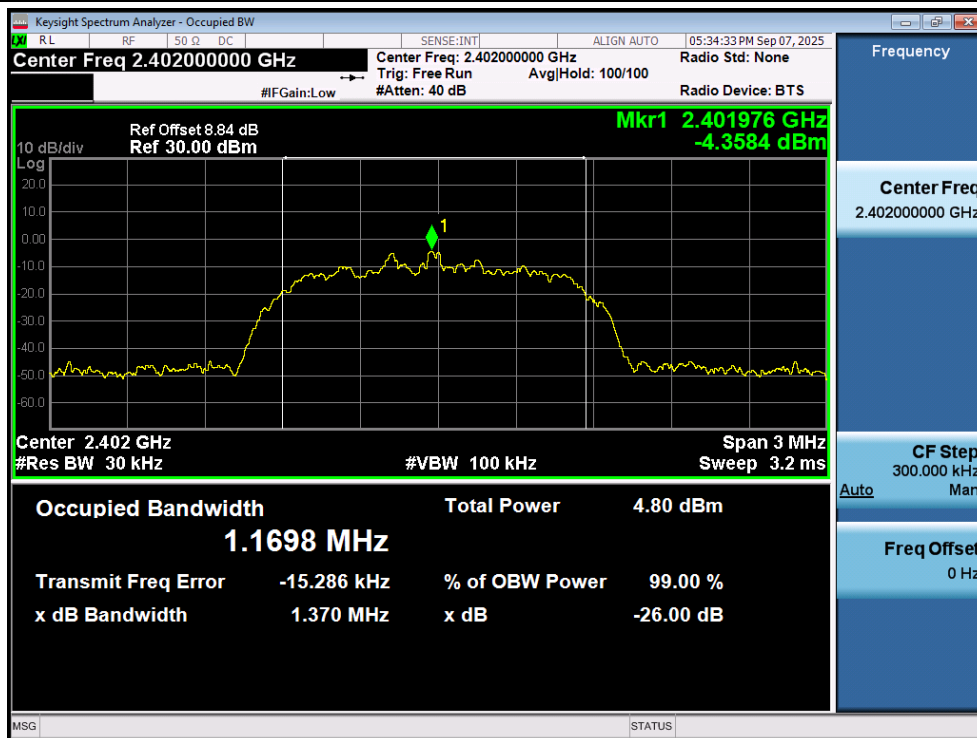
DH5-Ant1-2402



DH5-Ant1-2441



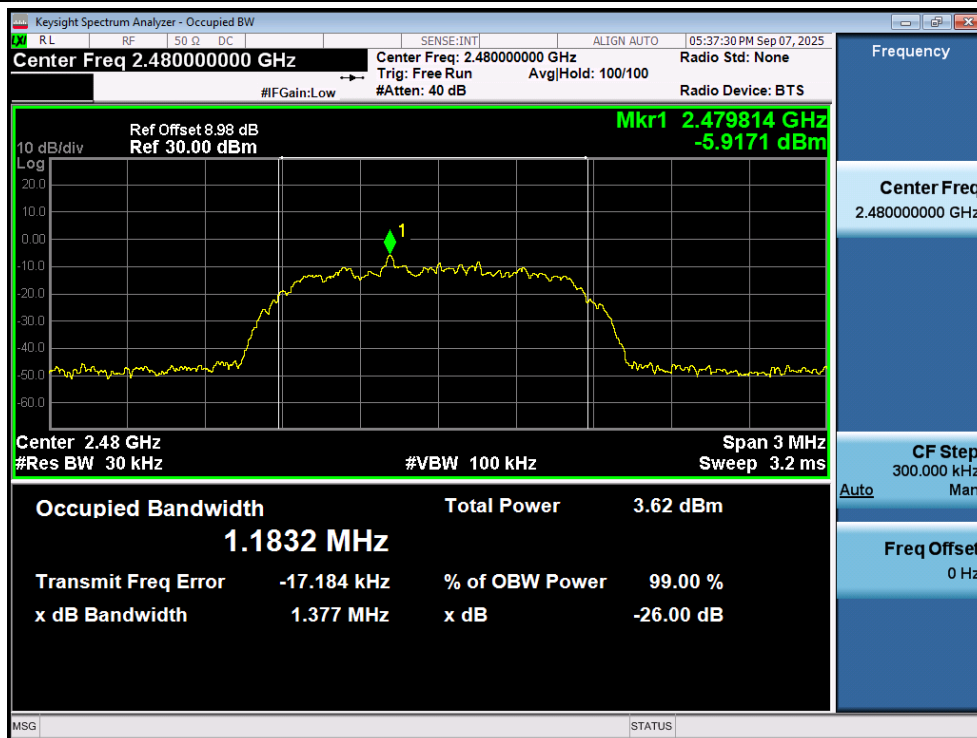
DH5-Ant1-2480



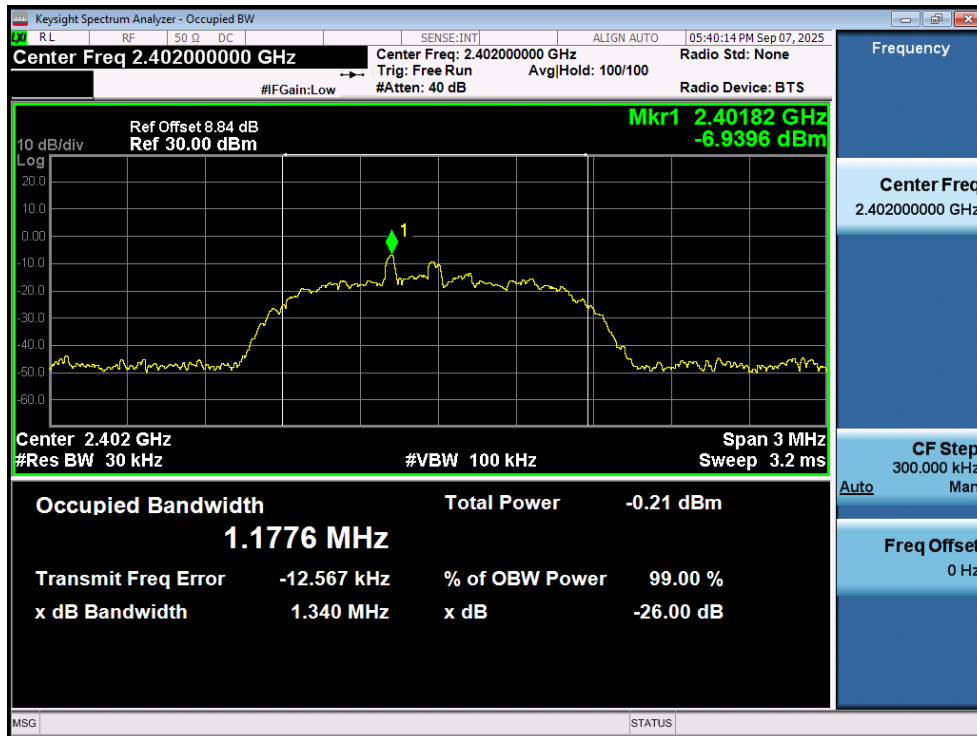
2DH5-Ant1-2402



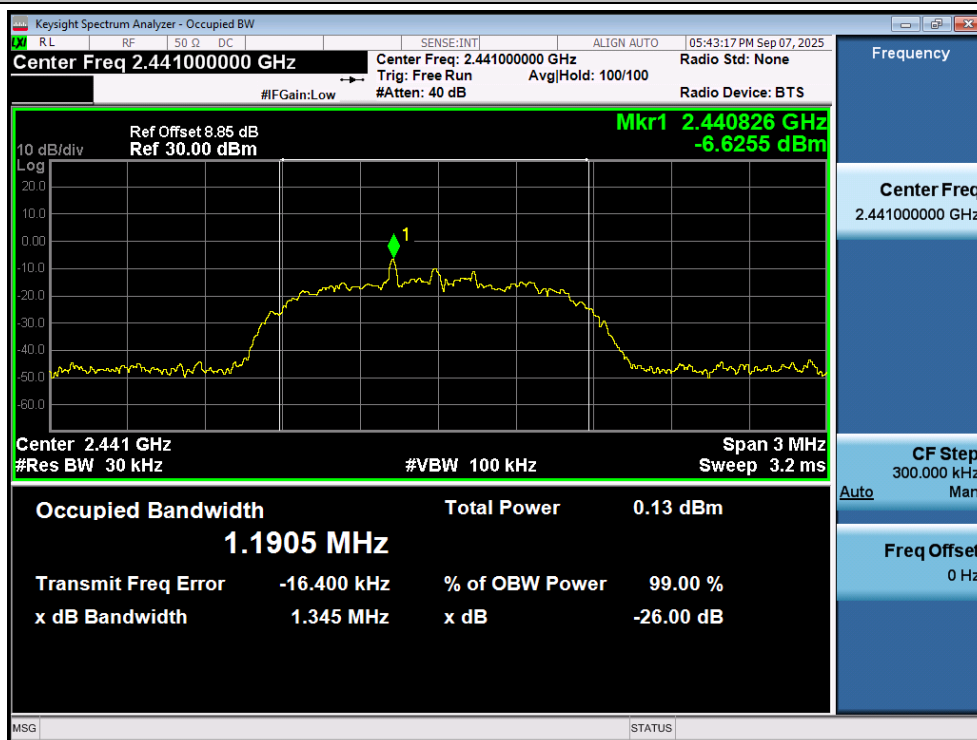
2DH5-Ant1-2441



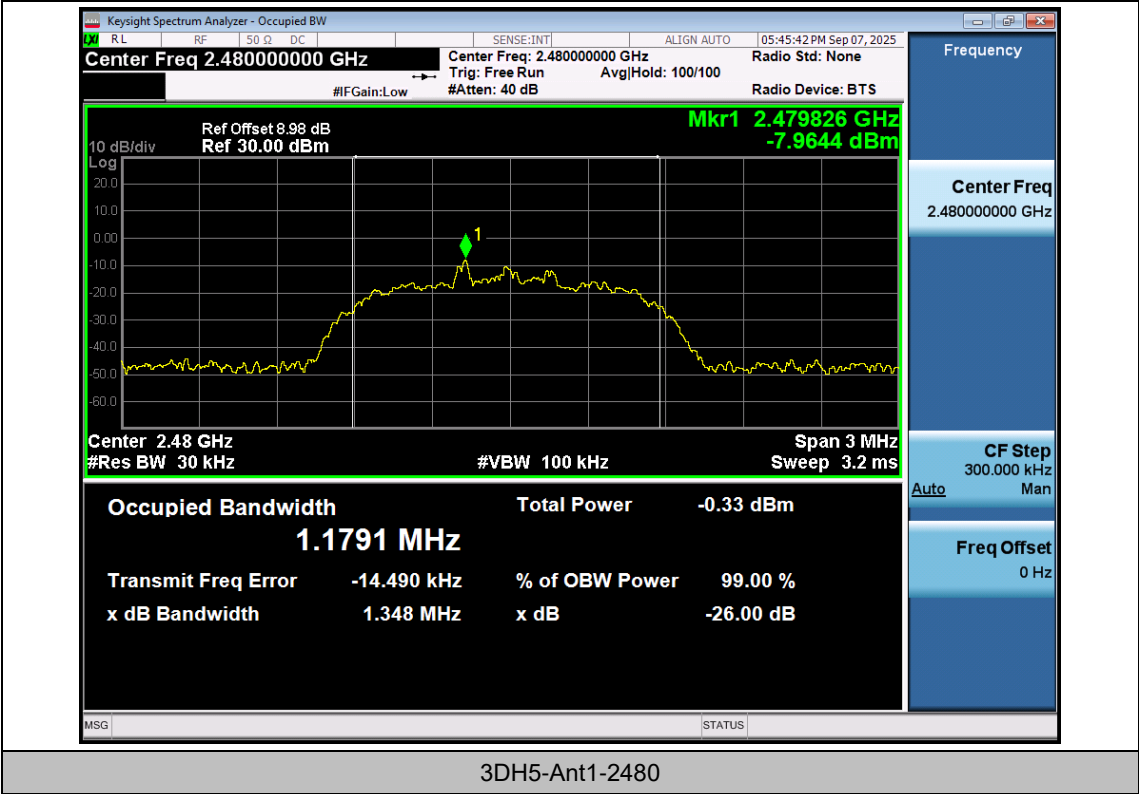
2DH5-Ant1-2480



3DH5-Ant1-2402



3DH5-Ant1-2441

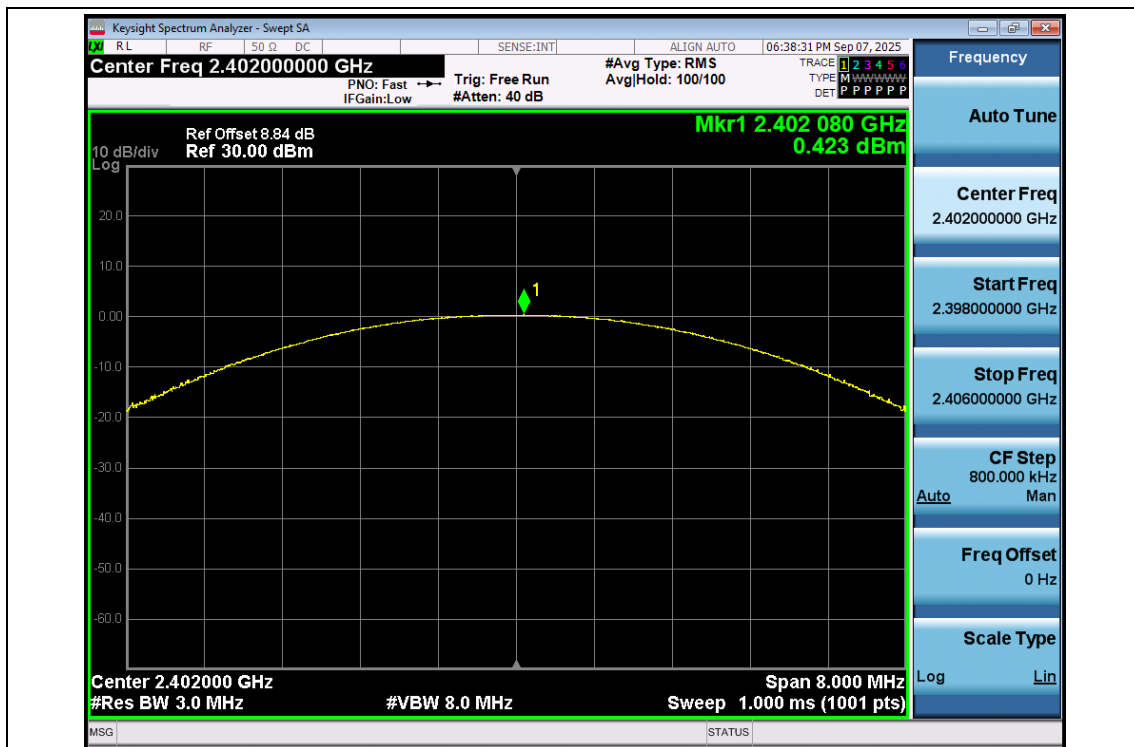


Appendix C: Maximum conducted output power

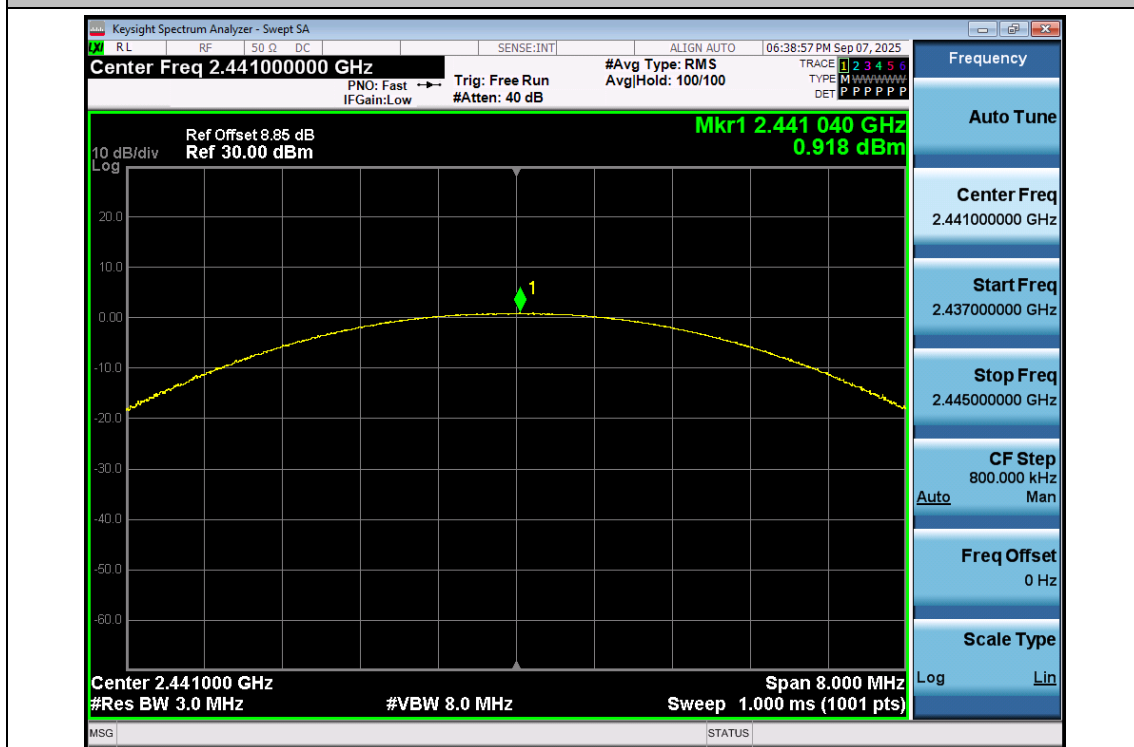
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	0.42	≤30	PASS
DH5	Ant1	2441	0.92	≤30	PASS
DH5	Ant1	2480	-0.01	≤30	PASS
2DH5	Ant1	2402	0.02	≤20.97	PASS
2DH5	Ant1	2441	0.61	≤20.97	PASS
2DH5	Ant1	2480	-0.26	≤20.97	PASS
3DH5	Ant1	2402	0.56	≤20.97	PASS
3DH5	Ant1	2441	0.85	≤20.97	PASS
3DH5	Ant1	2480	0.09	≤20.97	PASS

Test Graphs



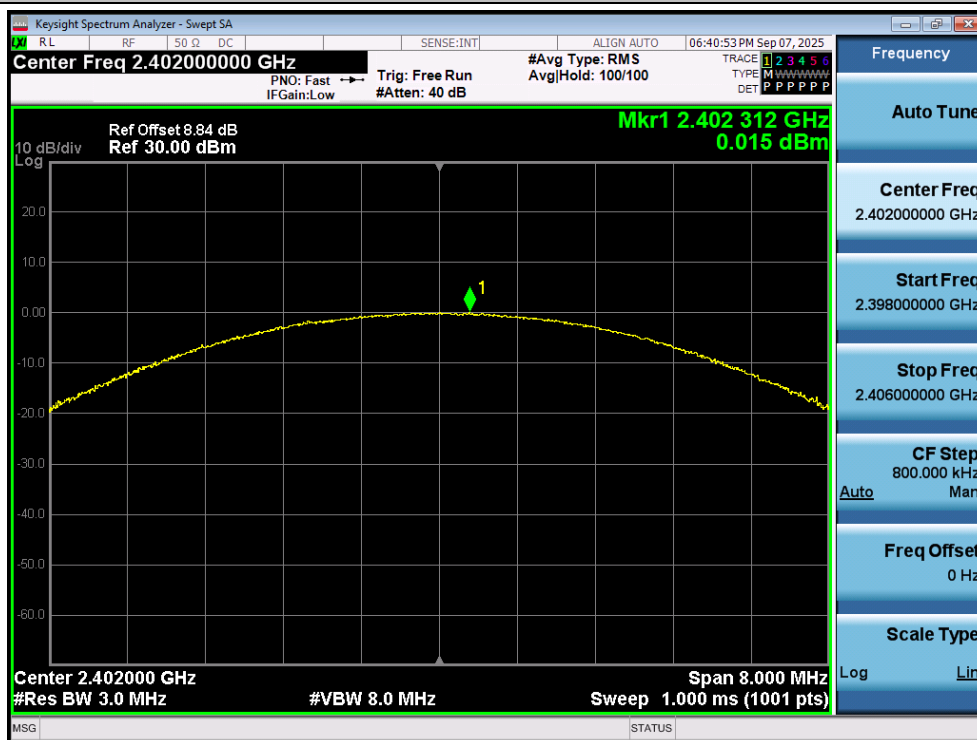
DH5-Ant1-2402-PASS



DH5-Ant1-2441-PASS



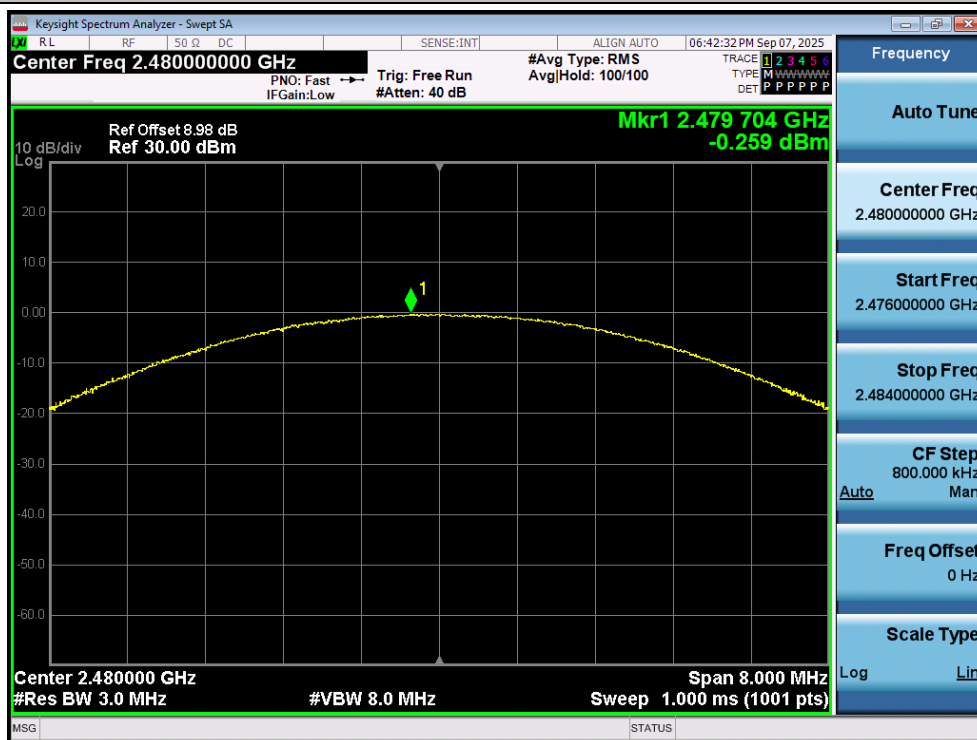
DH5-Ant1-2480-PASS



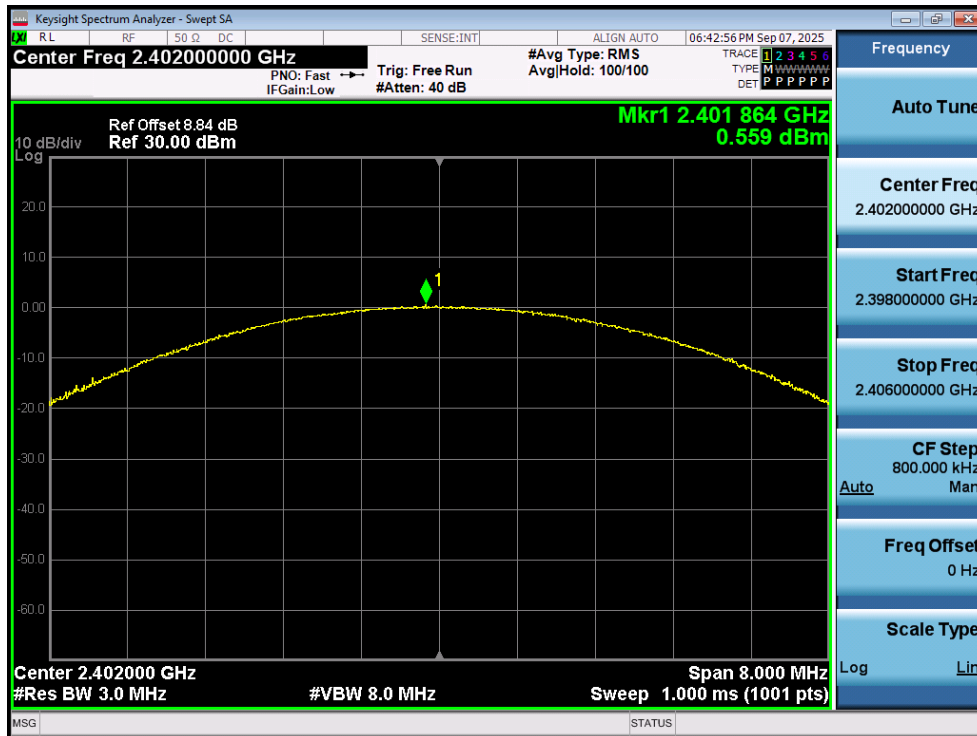
2DH5-Ant1-2402-PASS



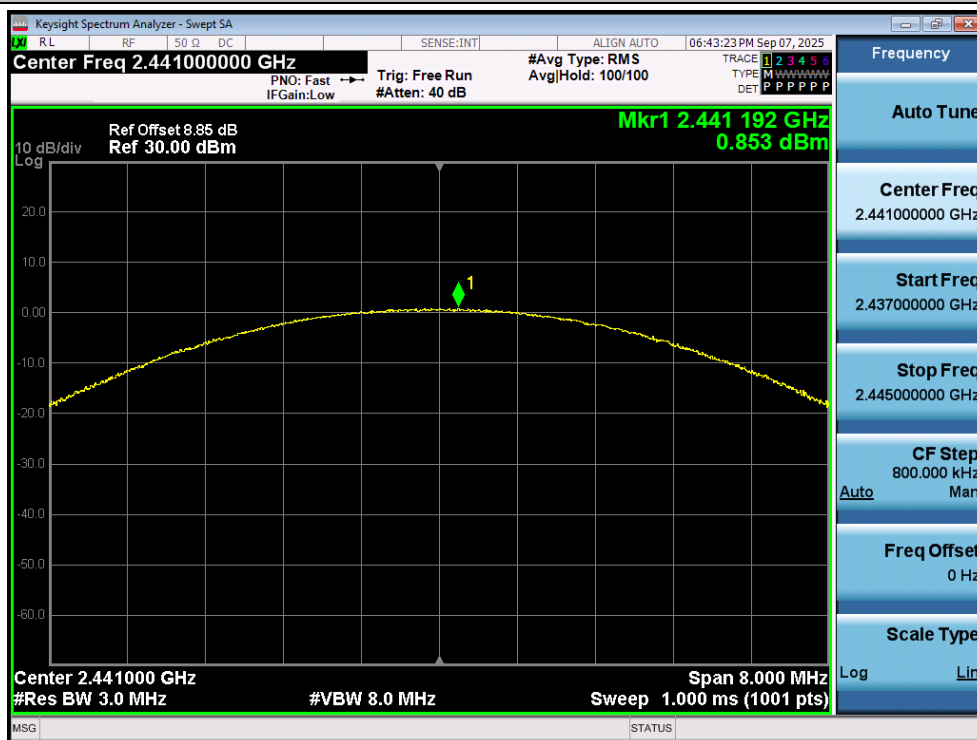
2DH5-Ant1-2441-PASS



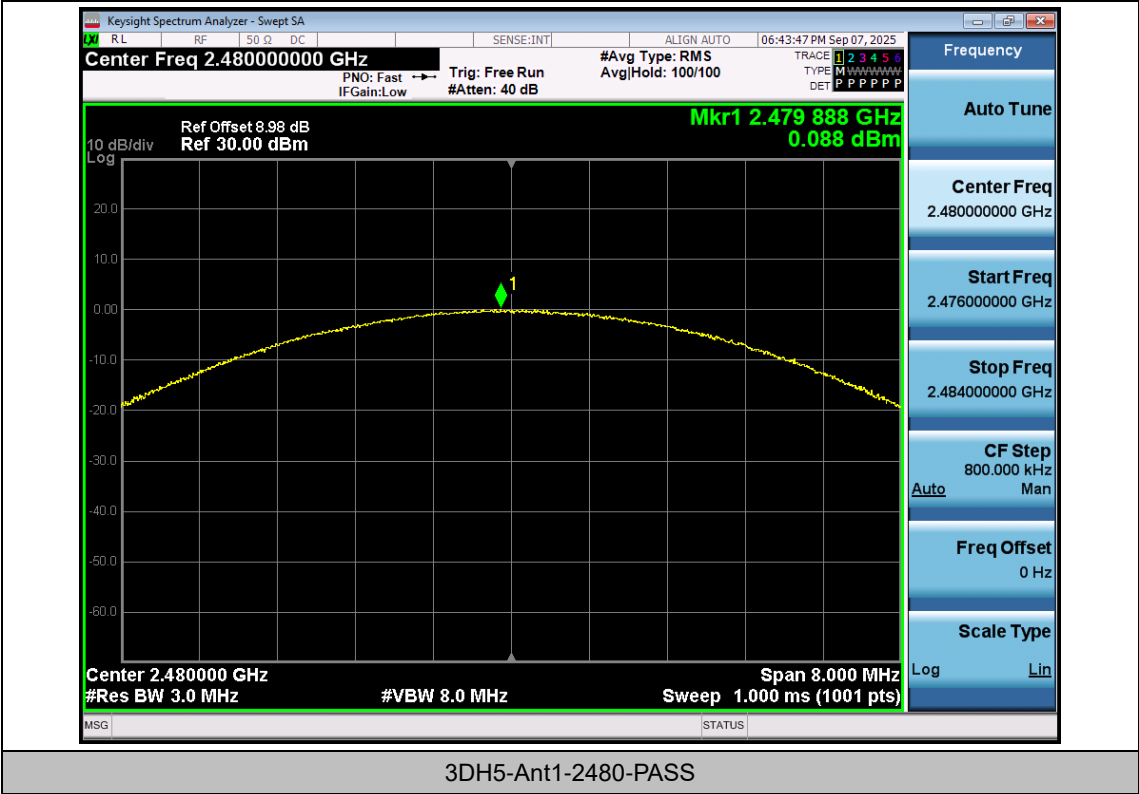
2DH5-Ant1-2480-PASS



3DH5-Ant1-2402-PASS



3DH5-Ant1-2441-PASS



Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.008	≥ 0.954	PASS
2DH5	Ant1	Hop	1.016	≥ 0.858	PASS
3DH5	Ant1	Hop	0.996	≥ 0.860	PASS

Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

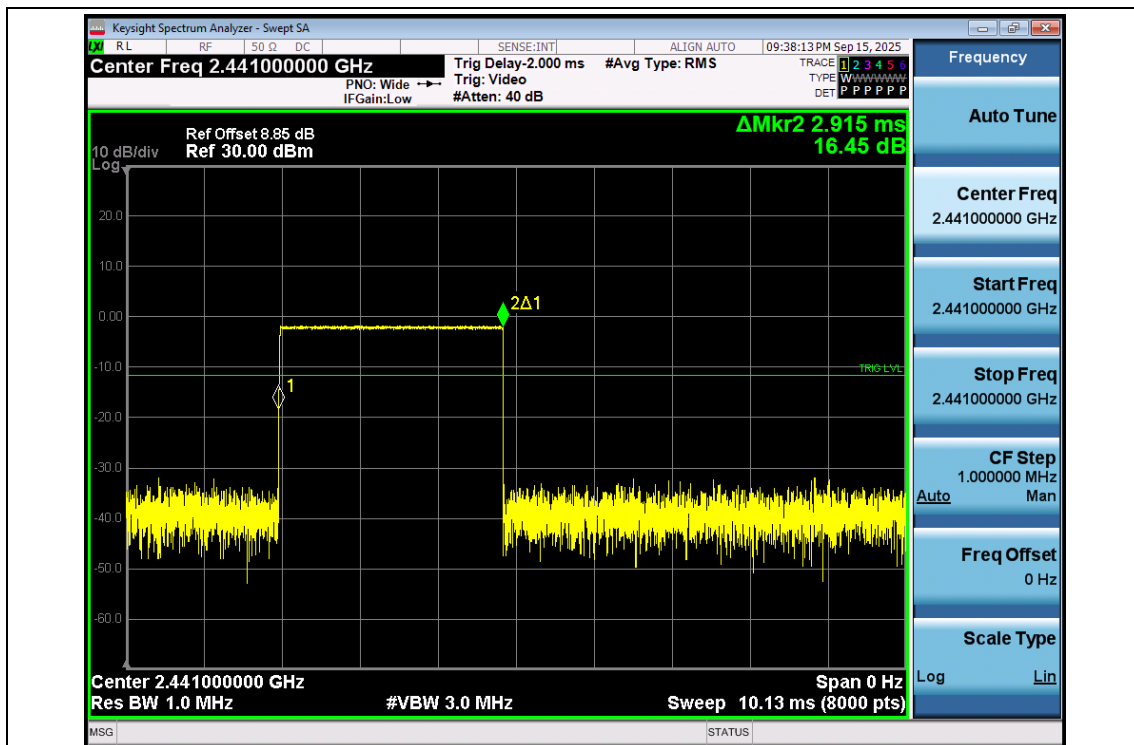


Appendix E: Time of occupancy

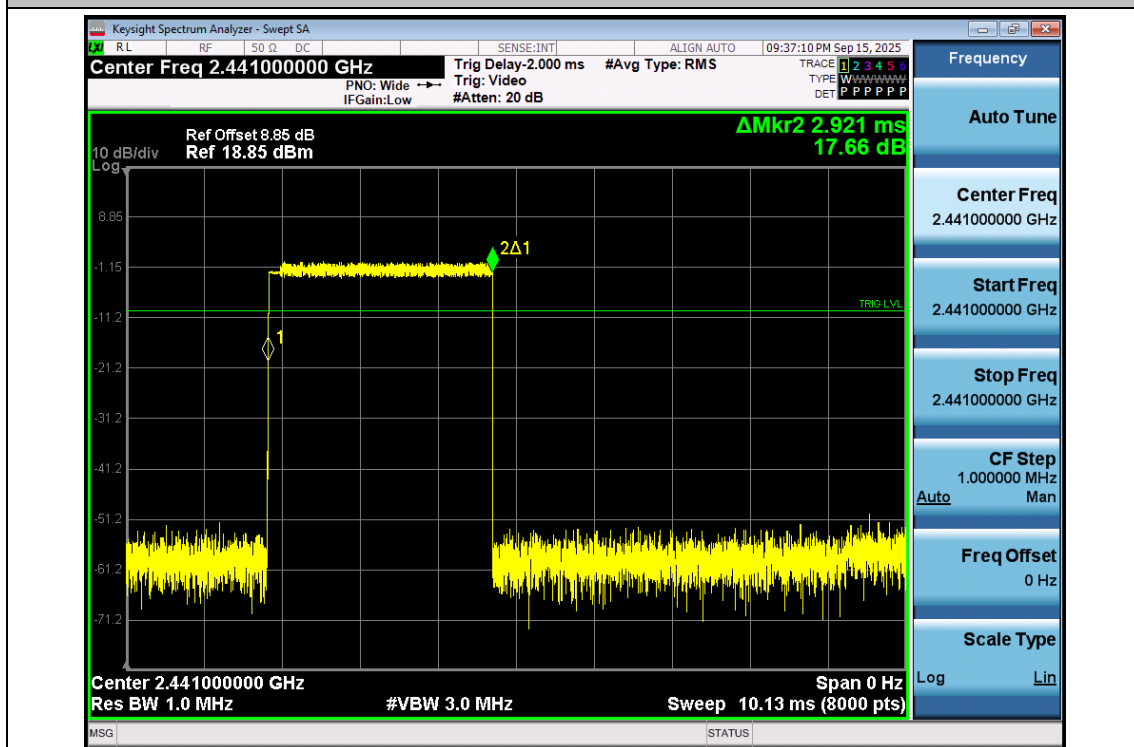
Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.915	106.67	0.311	≤0.4	PASS
2DH5	Ant1	Hop	2.921	106.67	0.312	≤0.4	PASS
3DH5	Ant1	Hop	2.922	106.67	0.312	≤0.4	PASS

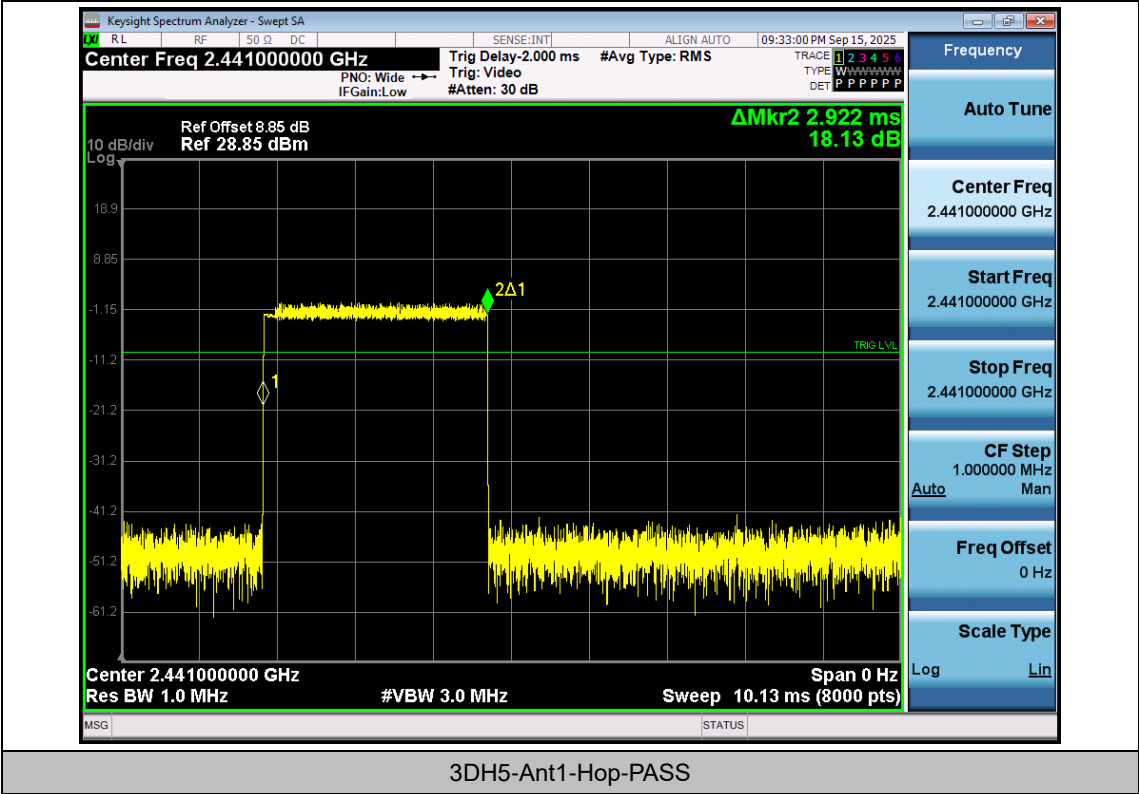
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

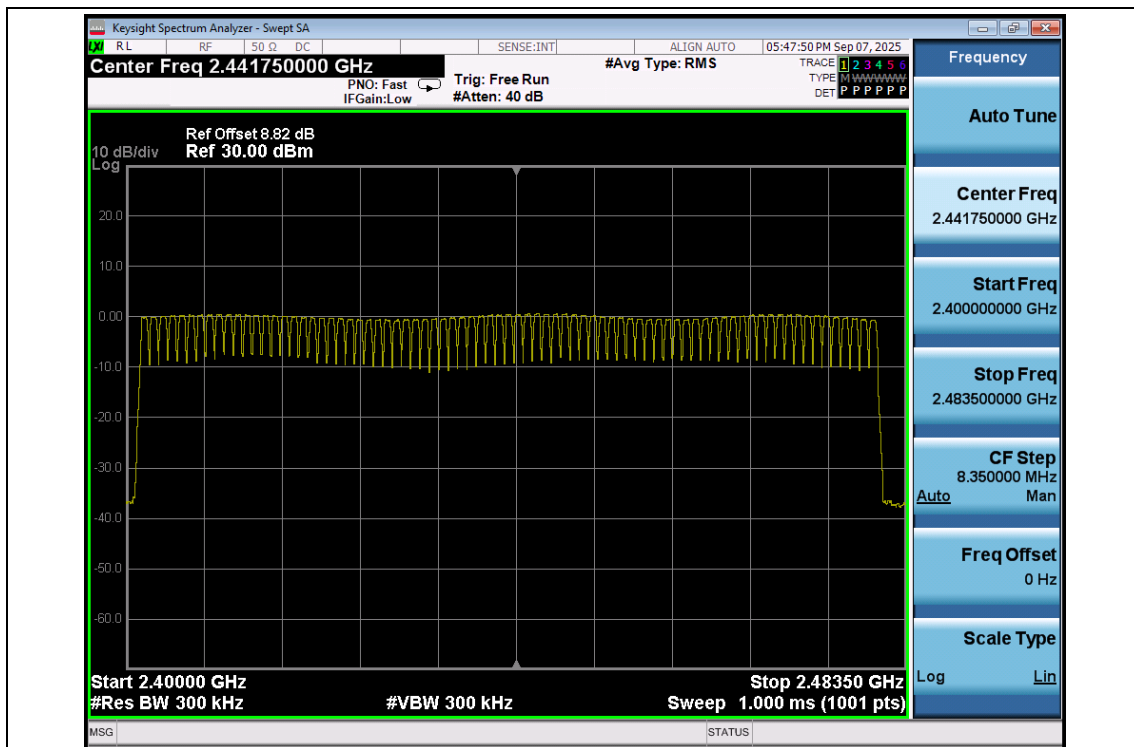


Appendix F: Number of hopping channels

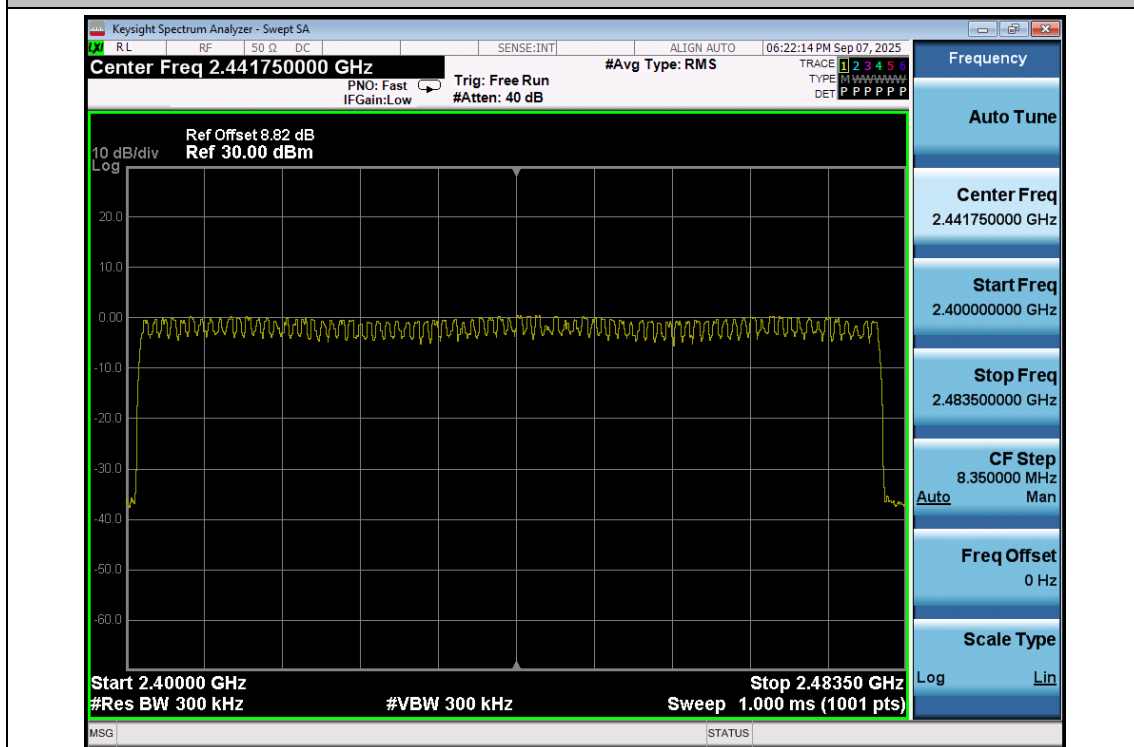
Test Result

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

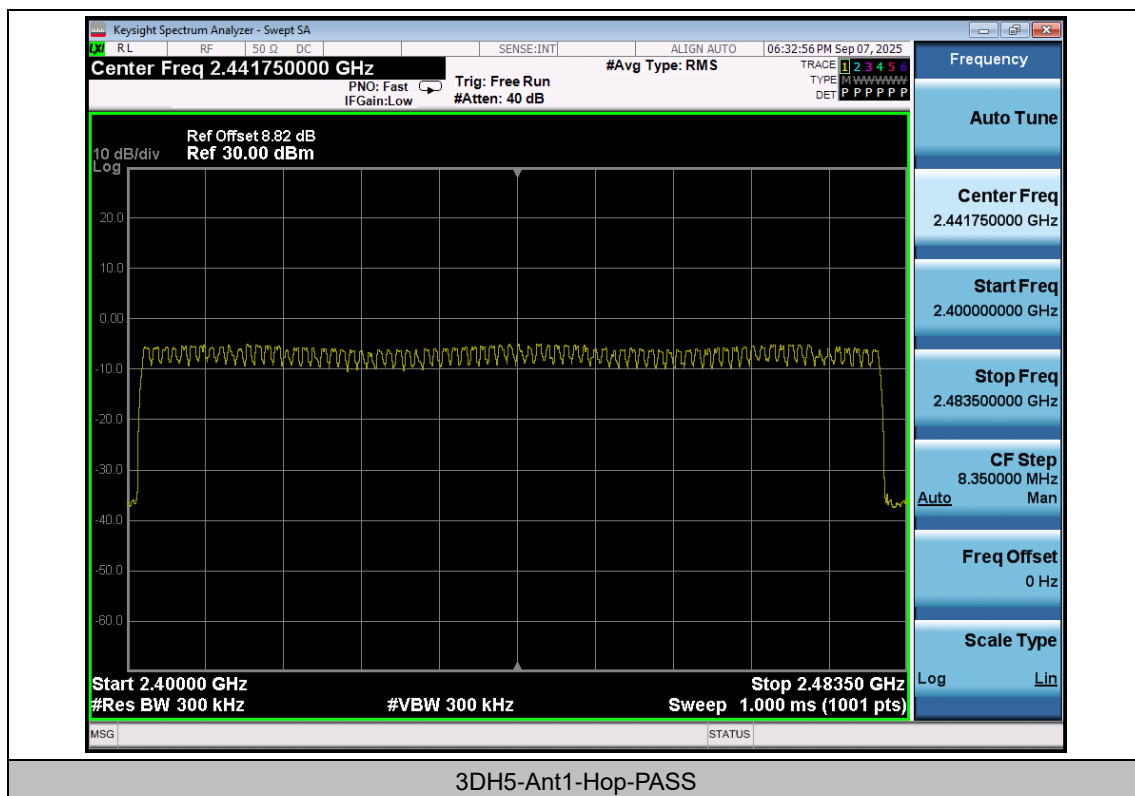
Test Graphs



DH5-Ant1-Hop-PASS



2DH5-Ant1-Hop-PASS

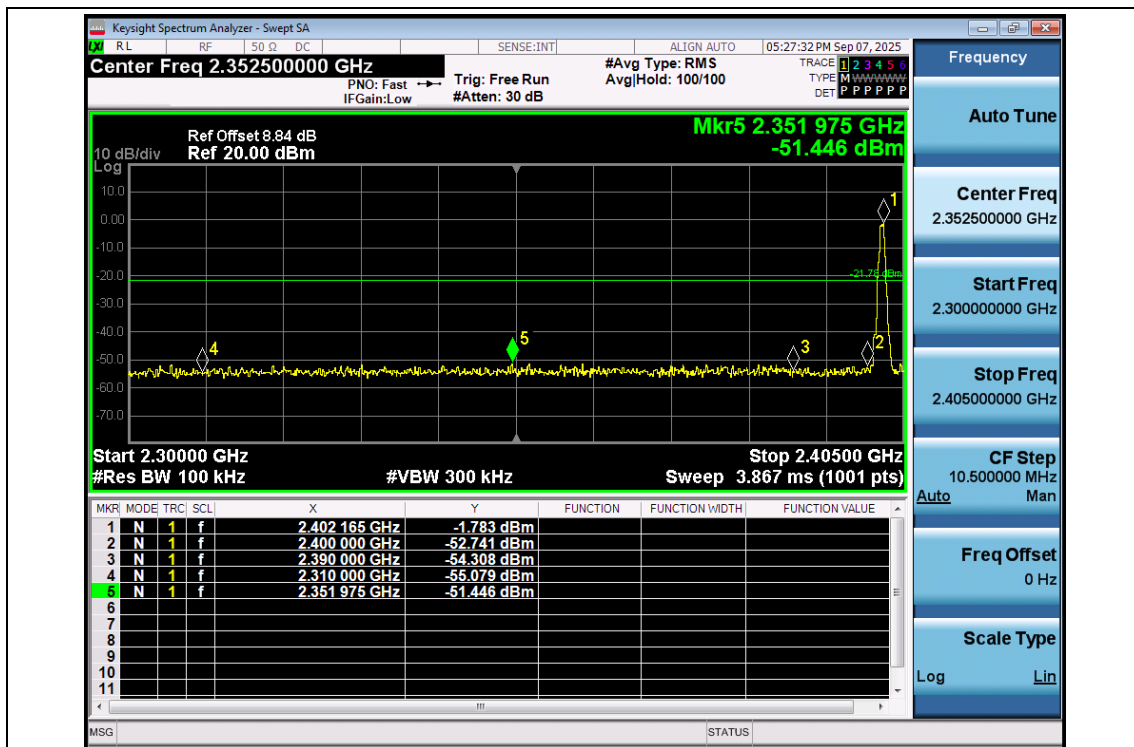


Appendix G: Band edge measurements

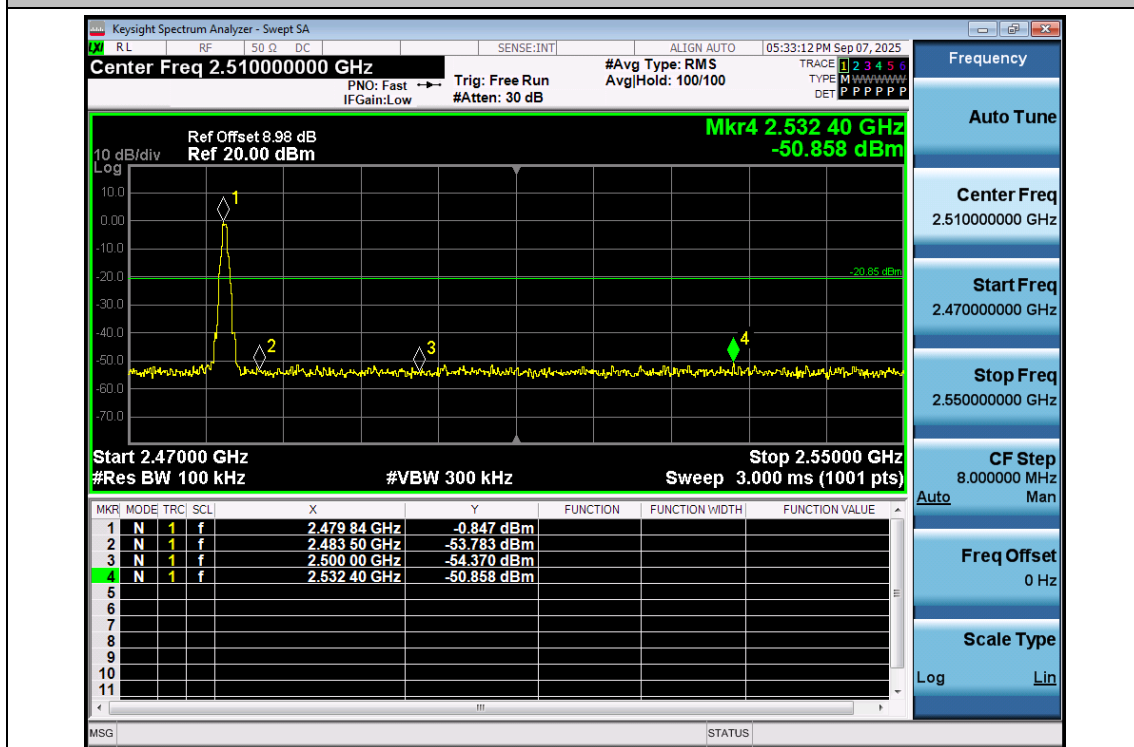
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-1.78	-51.45	≤-21.78	PASS
DH5	Ant1	High	2480	-0.85	-50.86	≤-20.85	PASS
DH5	Ant1	Low	Hop_2402	-0.33	-49.7	≤-20.33	PASS
DH5	Ant1	High	Hop_2480	0.38	-48.64	≤-19.62	PASS
2DH5	Ant1	Low	2402	-1.97	-51.37	≤-21.97	PASS
2DH5	Ant1	High	2480	-5.28	-49.68	≤-25.28	PASS
2DH5	Ant1	Low	Hop_2402	-1.31	-48.98	≤-21.31	PASS
2DH5	Ant1	High	Hop_2480	-0.32	-48.98	≤-20.32	PASS
3DH5	Ant1	Low	2402	-9.04	-51.86	≤-29.04	PASS
3DH5	Ant1	High	2480	-7.38	-50.25	≤-27.38	PASS
3DH5	Ant1	Low	Hop_2402	-6.32	-49.55	≤-26.32	PASS
3DH5	Ant1	High	Hop_2480	-5.08	-48.63	≤-25.08	PASS

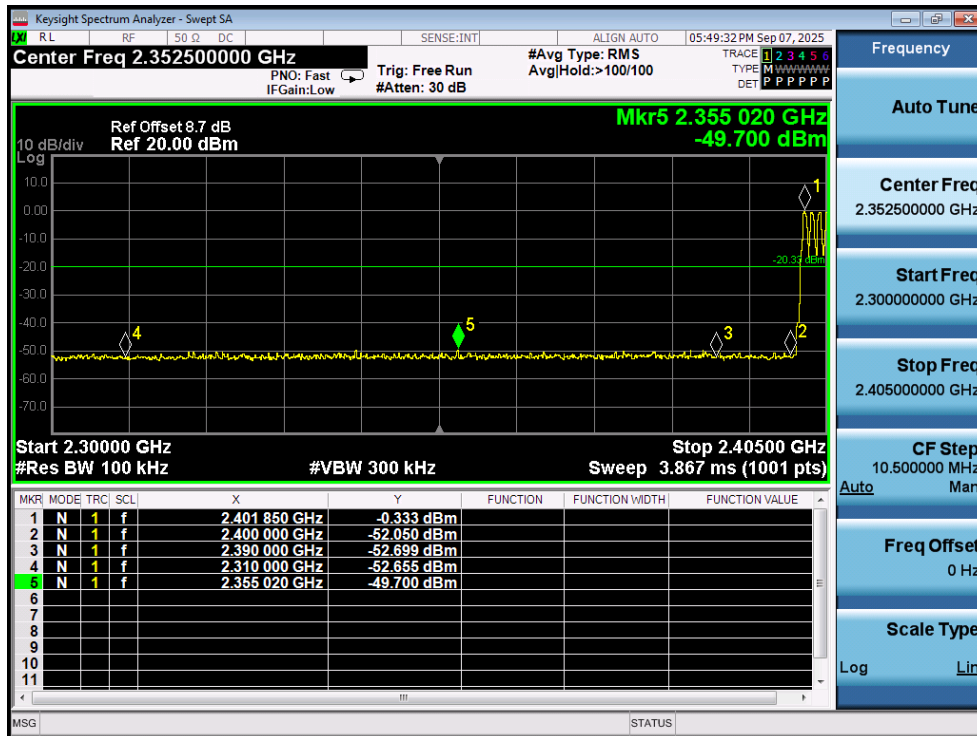
Test Graphs



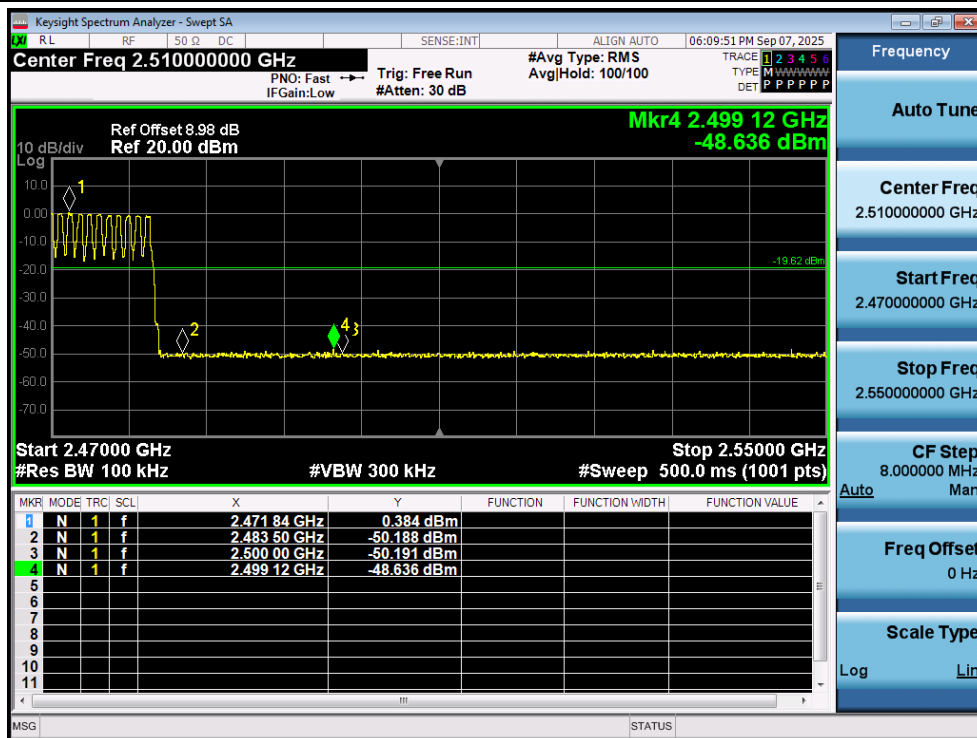
DH5-Ant1-2402-PASS



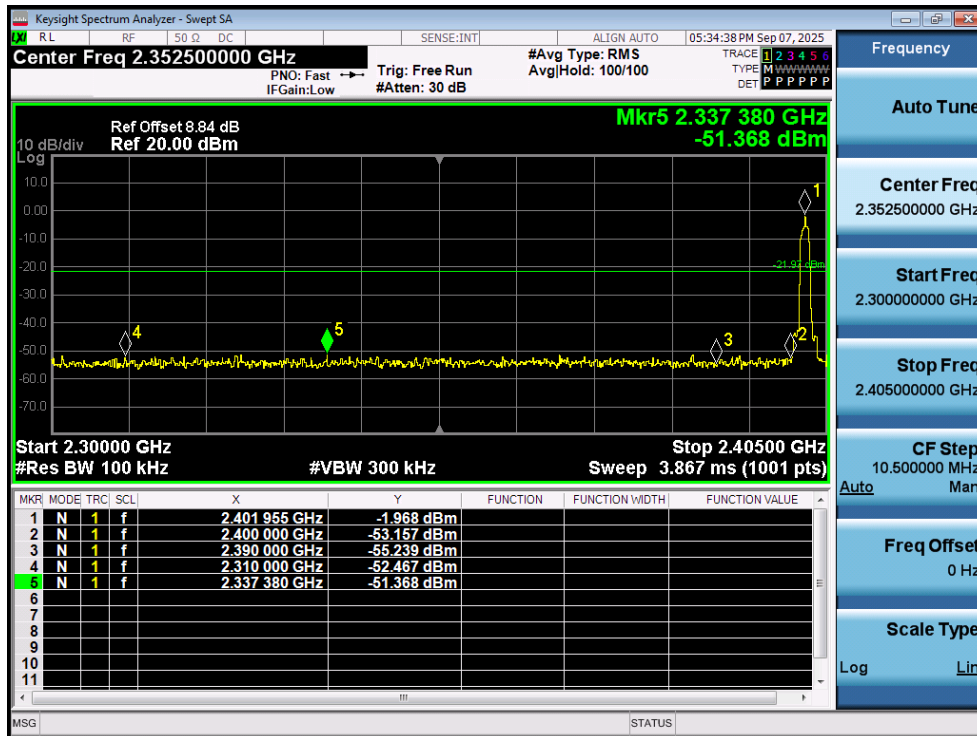
DH5-Ant1-2480-PASS



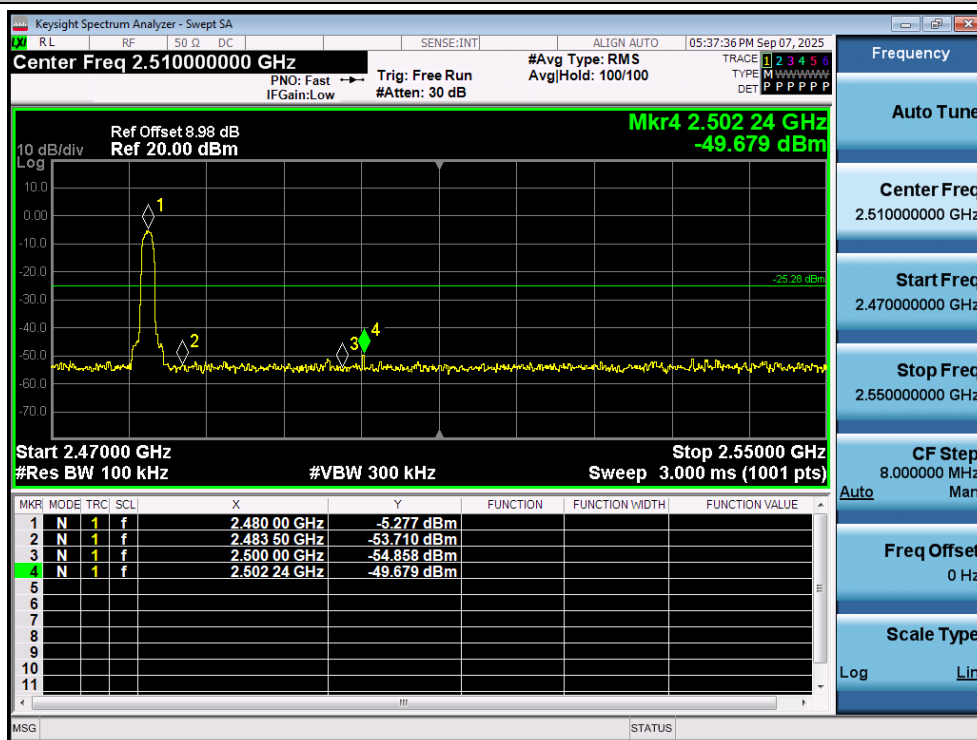
DH5-Ant1-Hop_2402-PASS



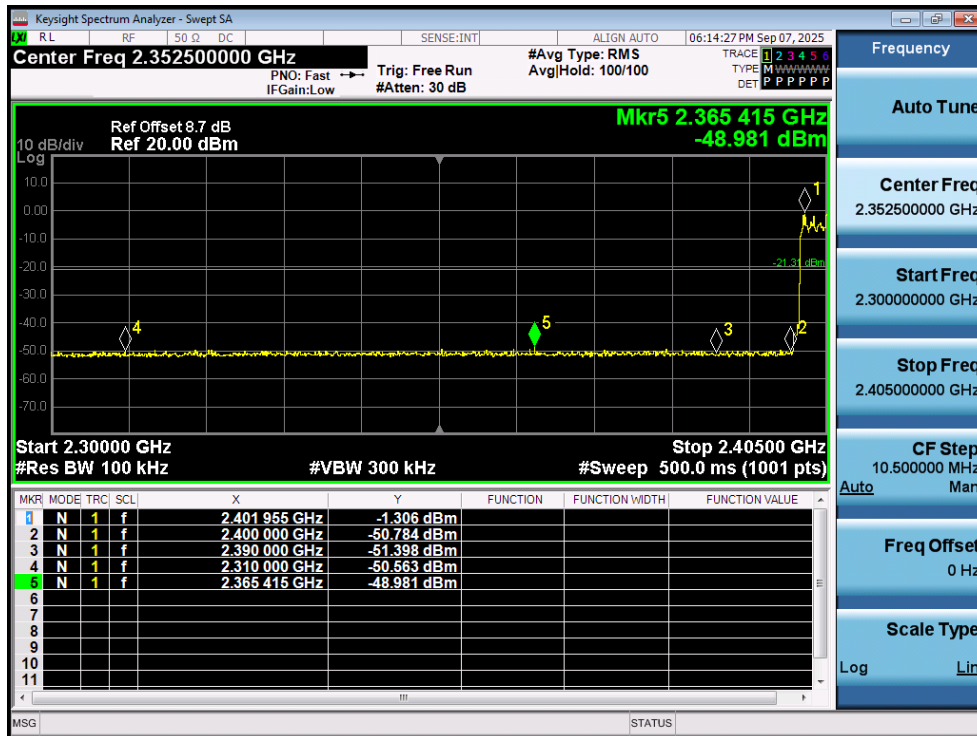
DH5-Ant1-Hop_2480-PASS



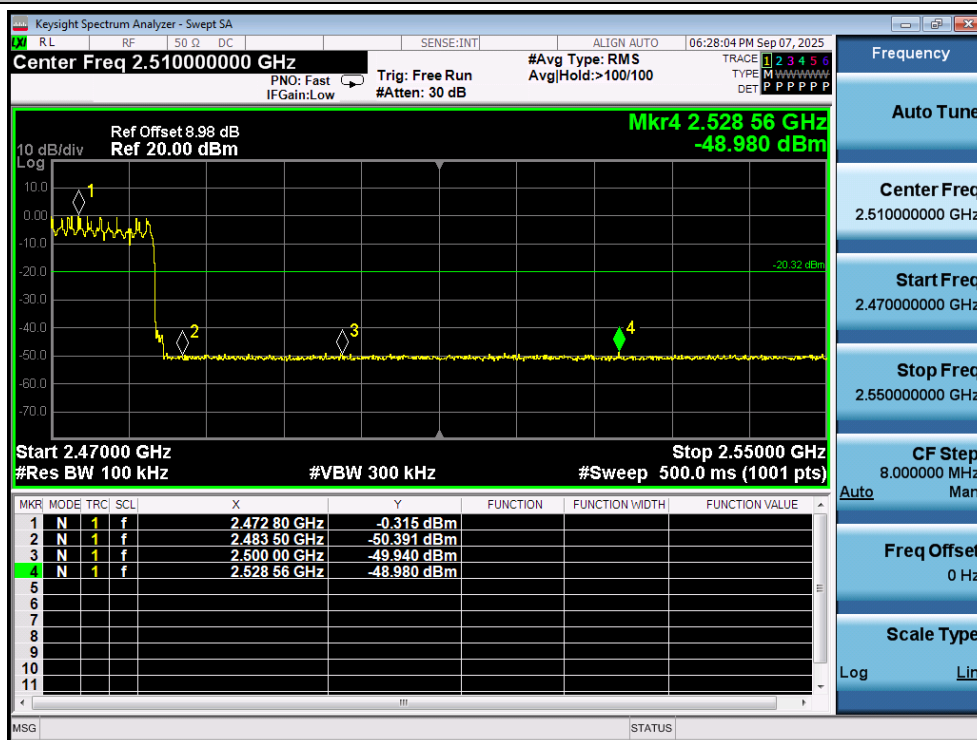
2DH5-Ant1-2402-PASS



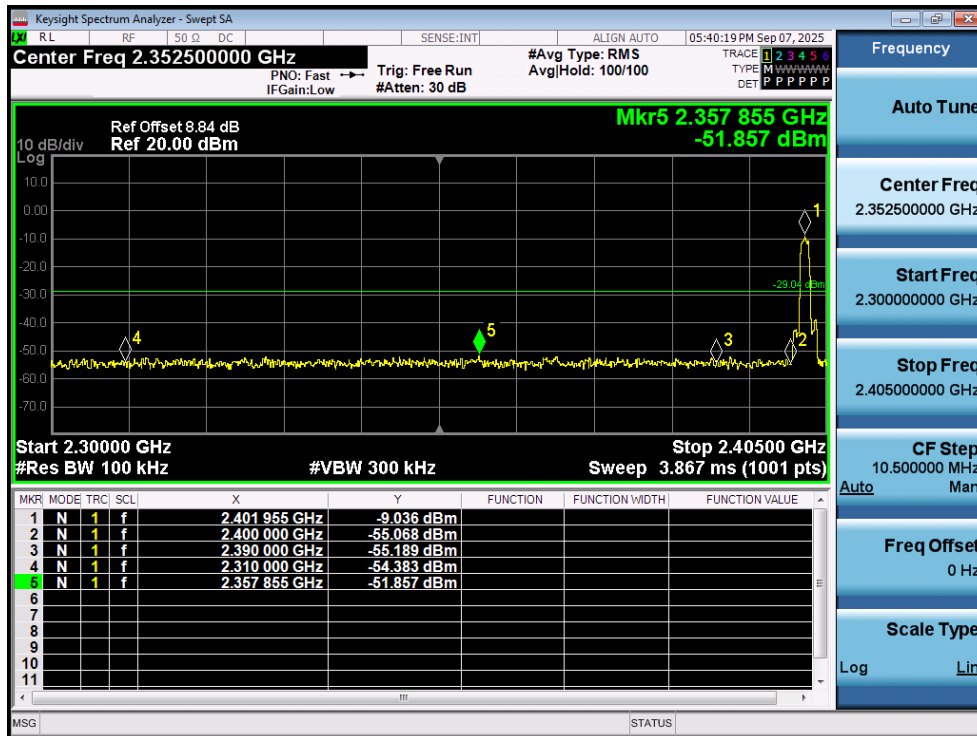
2DH5-Ant1-2480-PASS



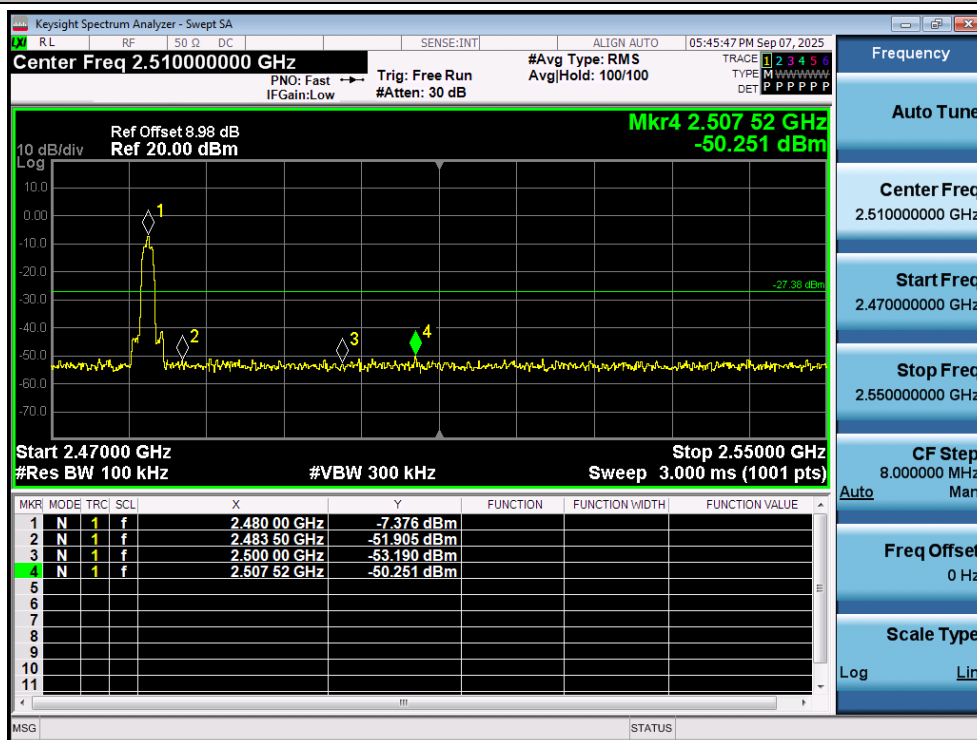
2DH5-Ant1-Hop_2402-PASS



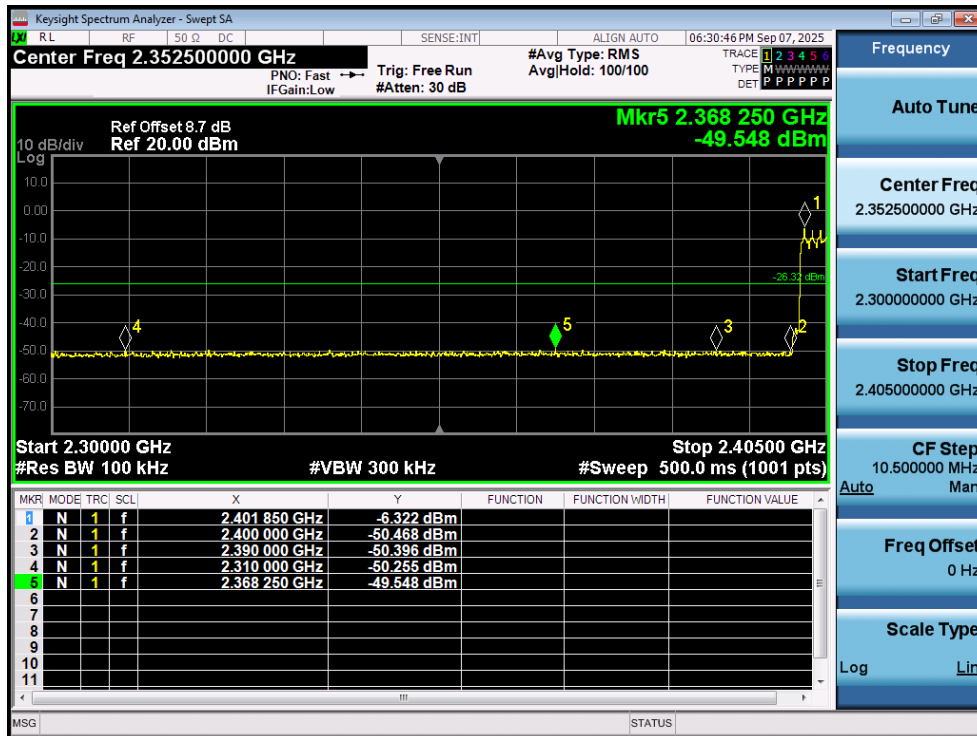
2DH5-Ant1-Hop_2480-PASS



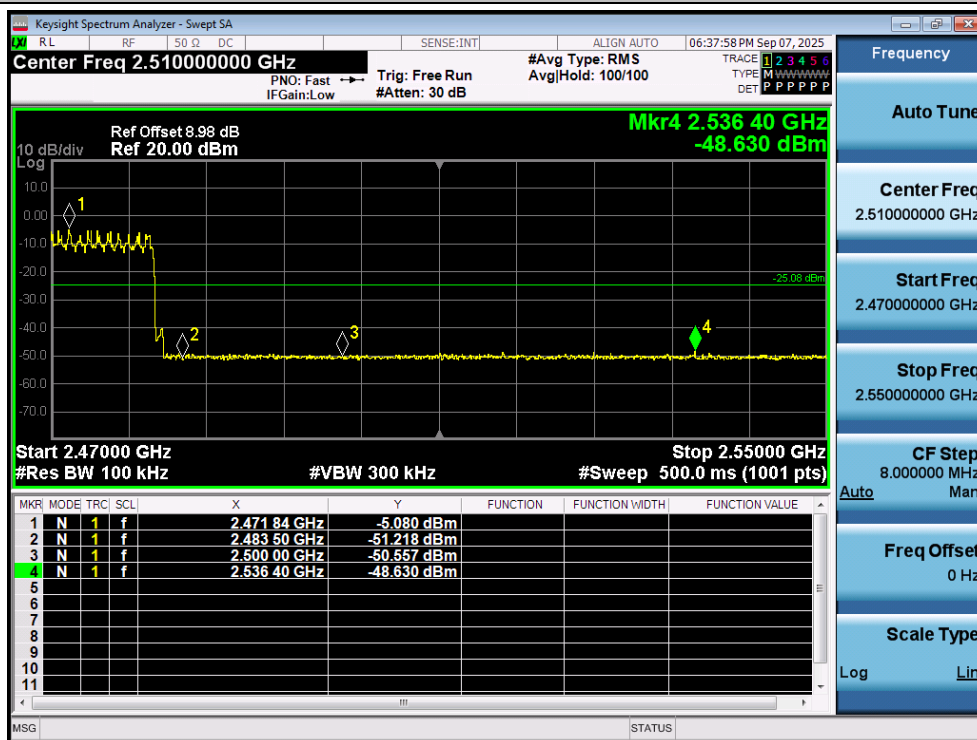
3DH5-Ant1-2402-PASS



3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop_2402-PASS



3DH5-Ant1-Hop_2480-PASS

Appendix H: Conducted Spurious Emission

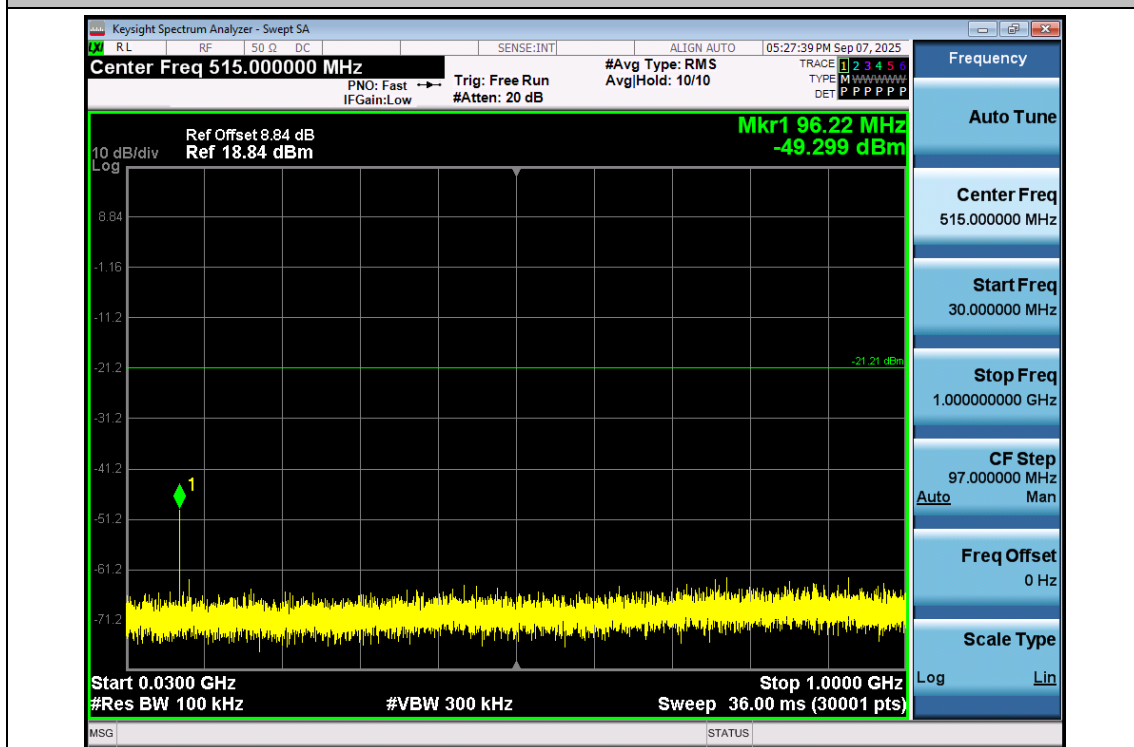
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	0~Reference	-1.21	-1.21	---	PASS
DH5	Ant1	2402	30~1000	-1.21	-49.3	≤-21.21	PASS
DH5	Ant1	2402	1000~26500	-1.21	-52	≤-21.21	PASS
DH5	Ant1	2441	0~Reference	-0.30	-0.30	---	PASS
DH5	Ant1	2441	30~1000	-0.30	-51.83	≤-20.3	PASS
DH5	Ant1	2441	1000~26500	-0.30	-53.76	≤-20.3	PASS
DH5	Ant1	2480	0~Reference	-1.58	-1.58	---	PASS
DH5	Ant1	2480	30~1000	-1.58	-59.12	≤-21.58	PASS
DH5	Ant1	2480	1000~26500	-1.58	-54.43	≤-21.58	PASS
2DH5	Ant1	2402	0~Reference	-2.06	-2.06	---	PASS
2DH5	Ant1	2402	30~1000	-2.06	-59.78	≤-22.06	PASS
2DH5	Ant1	2402	1000~26500	-2.06	-52.83	≤-22.06	PASS
2DH5	Ant1	2441	0~Reference	-3.95	-3.95	---	PASS
2DH5	Ant1	2441	30~1000	-3.95	-60.43	≤-23.95	PASS
2DH5	Ant1	2441	1000~26500	-3.95	-54.46	≤-23.95	PASS
2DH5	Ant1	2480	0~Reference	-4.80	-4.80	---	PASS
2DH5	Ant1	2480	30~1000	-4.80	-60.04	≤-24.8	PASS
2DH5	Ant1	2480	1000~26500	-4.80	-54.38	≤-24.8	PASS
3DH5	Ant1	2402	0~Reference	-10.09	-10.09	---	PASS
3DH5	Ant1	2402	30~1000	-10.09	-58.83	≤-30.09	PASS
3DH5	Ant1	2402	1000~26500	-10.09	-49.27	≤-30.09	PASS
3DH5	Ant1	2441	0~Reference	-6.64	-6.64	---	PASS
3DH5	Ant1	2441	30~1000	-6.64	-59.07	≤-26.64	PASS
3DH5	Ant1	2441	1000~26500	-6.64	-52.86	≤-26.64	PASS
3DH5	Ant1	2480	0~Reference	-7.05	-7.05	---	PASS
3DH5	Ant1	2480	30~1000	-7.05	-60.74	≤-27.05	PASS
3DH5	Ant1	2480	1000~26500	-7.05	-54.02	≤-27.05	PASS

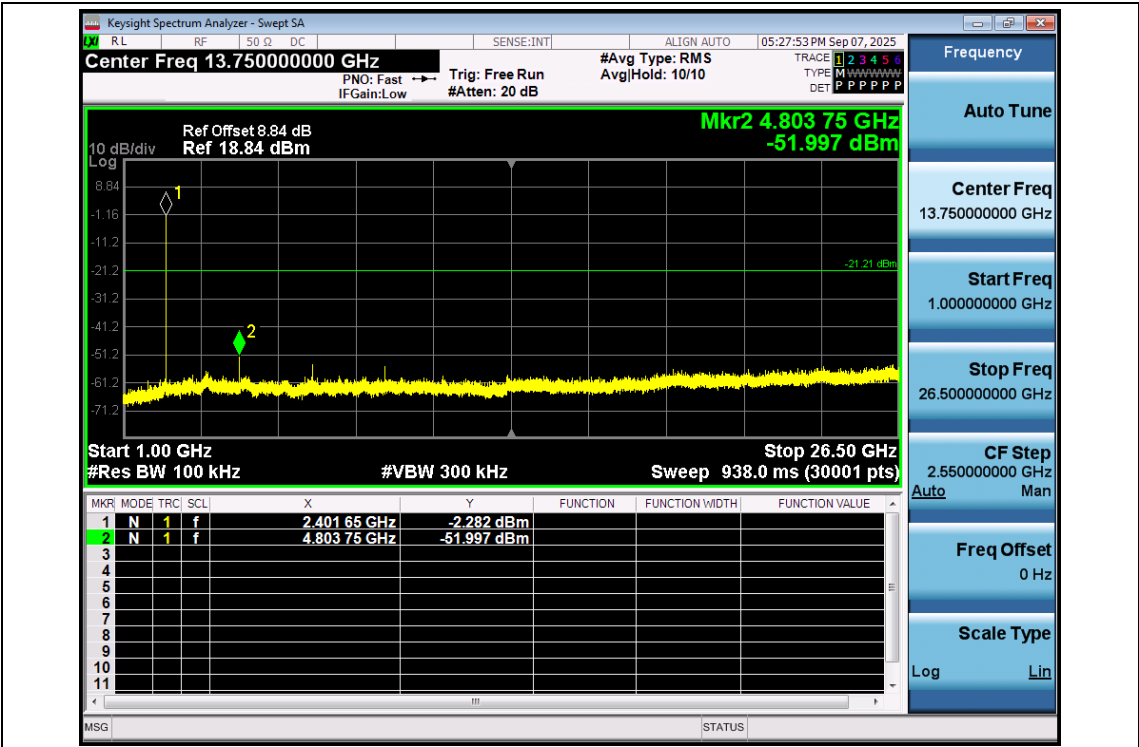
Test Graphs



DH5-Ant1-2402-0~Reference-PASS



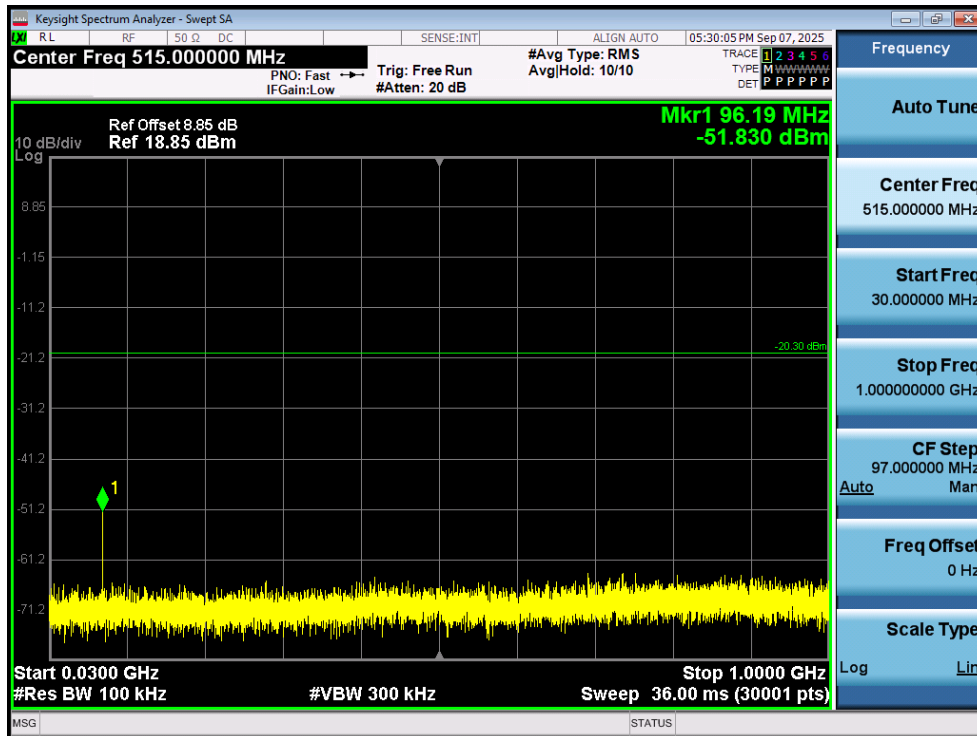
DH5-Ant1-2402-30~1000-PASS



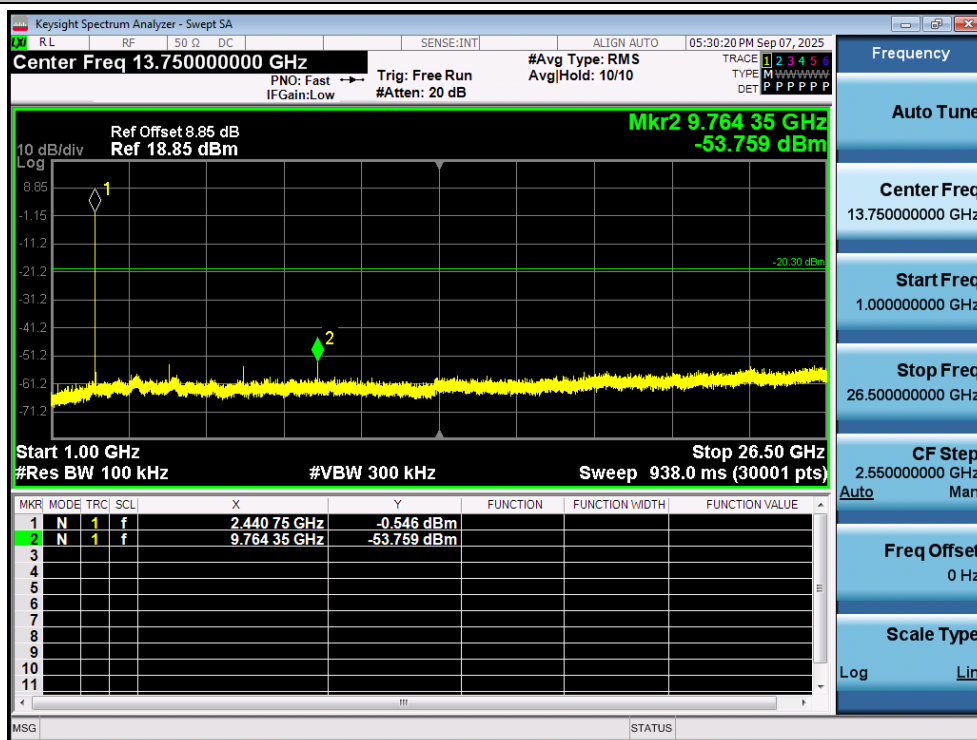
DH5-Ant1-2402-1000~26500-PASS



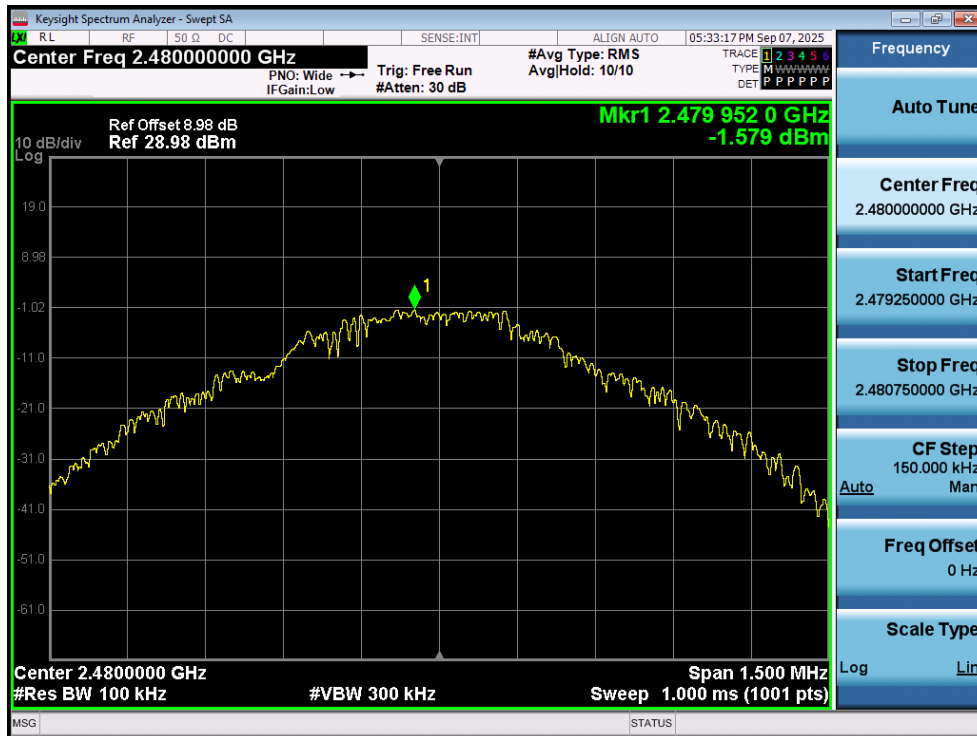
DH5-Ant1-2441-0~Reference-PASS



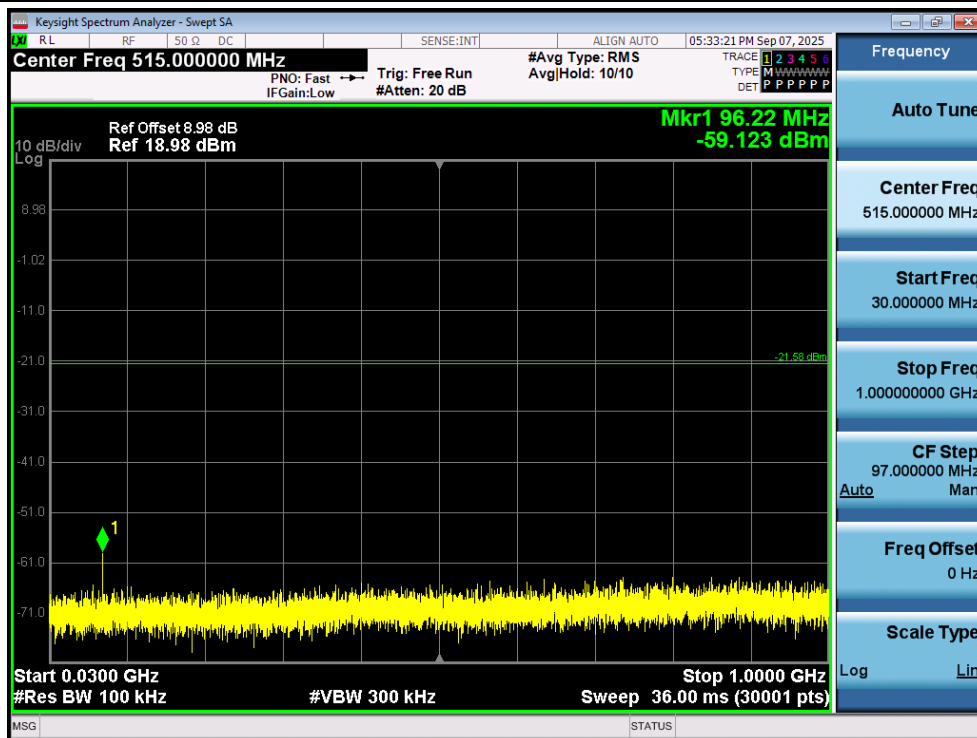
DH5-Ant1-2441-30~1000-PASS



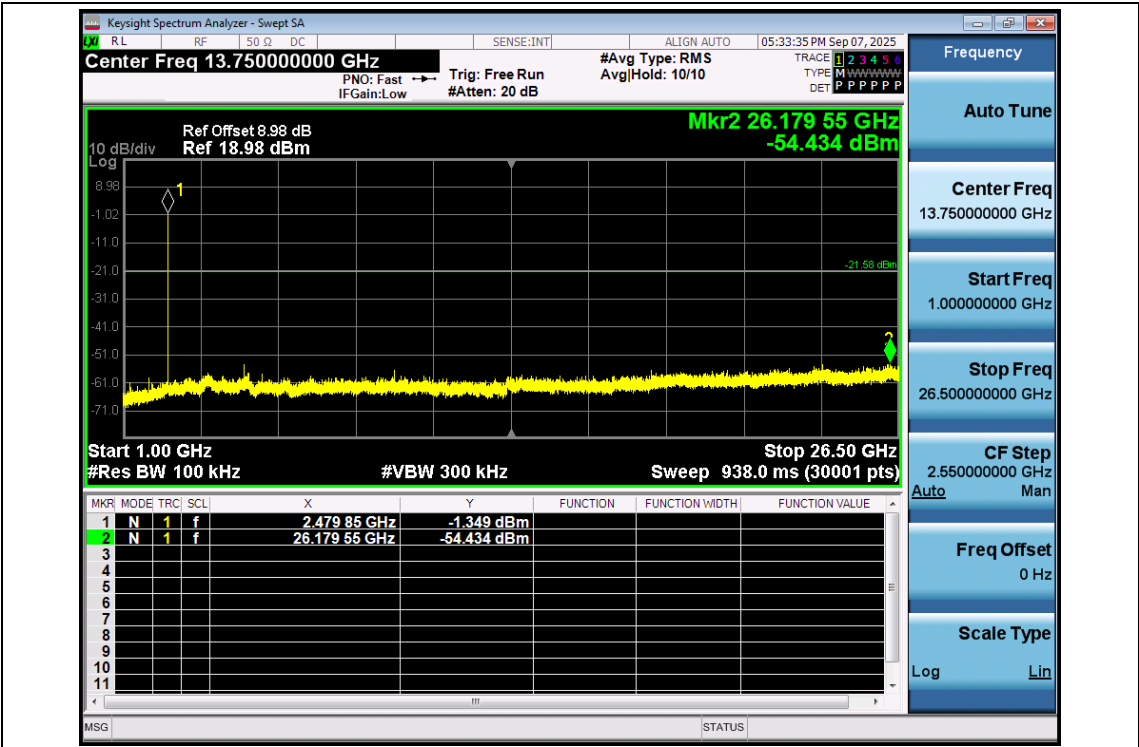
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



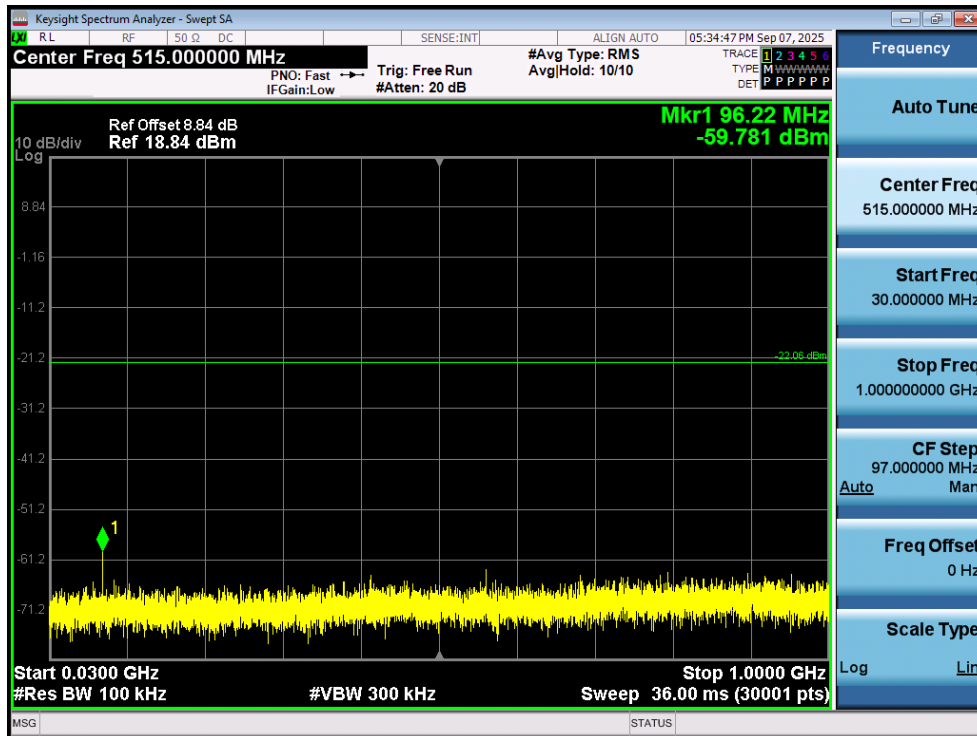
DH5-Ant1-2480-30~1000-PASS



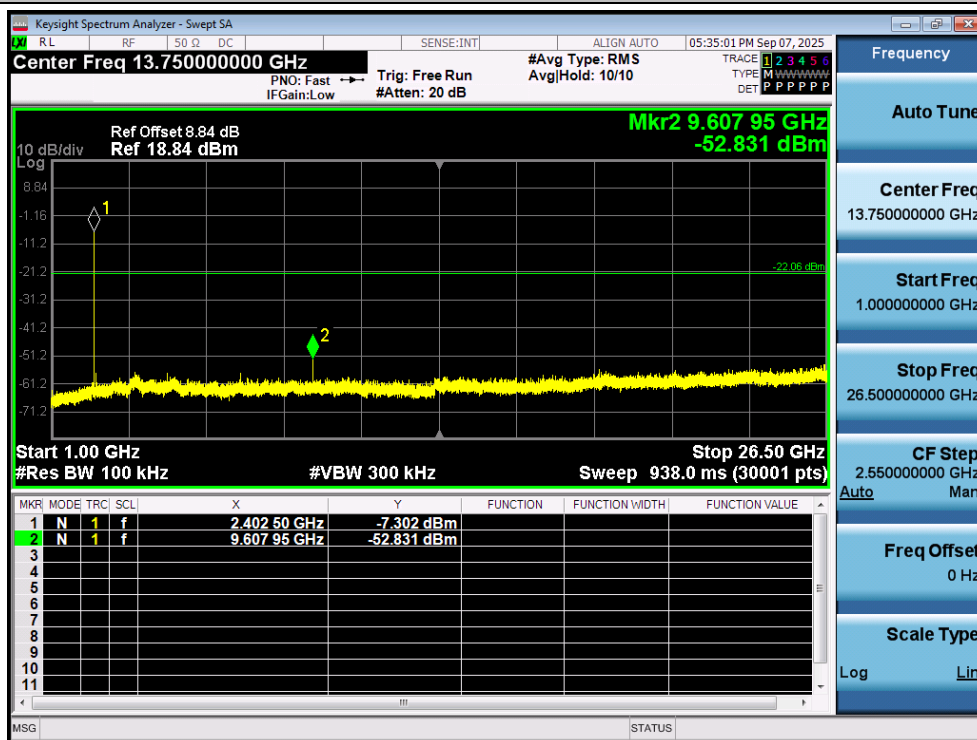
DH5-Ant1-2480-1000~26500-PASS



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



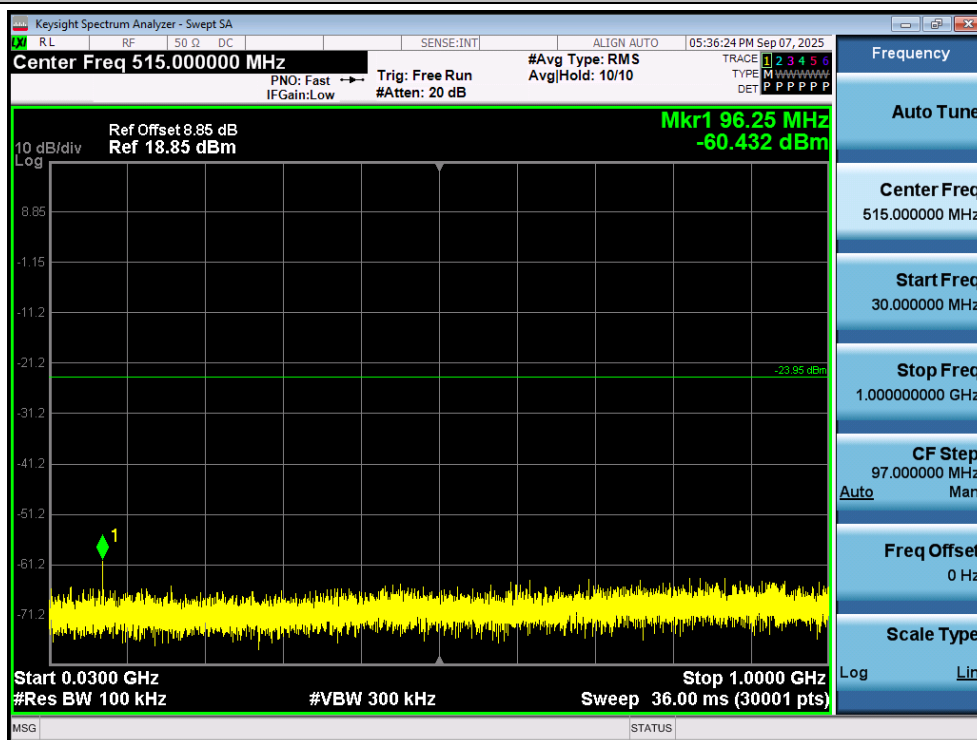
2DH5-Ant1-2402-30~1000-PASS



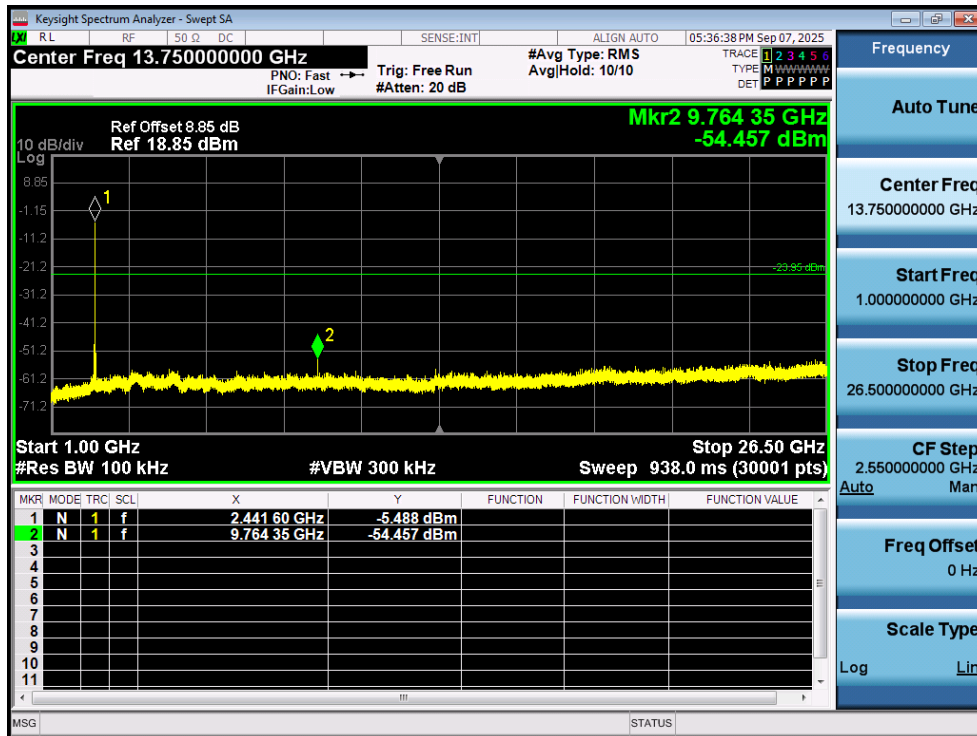
2DH5-Ant1-2402-1000~26500-PASS



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



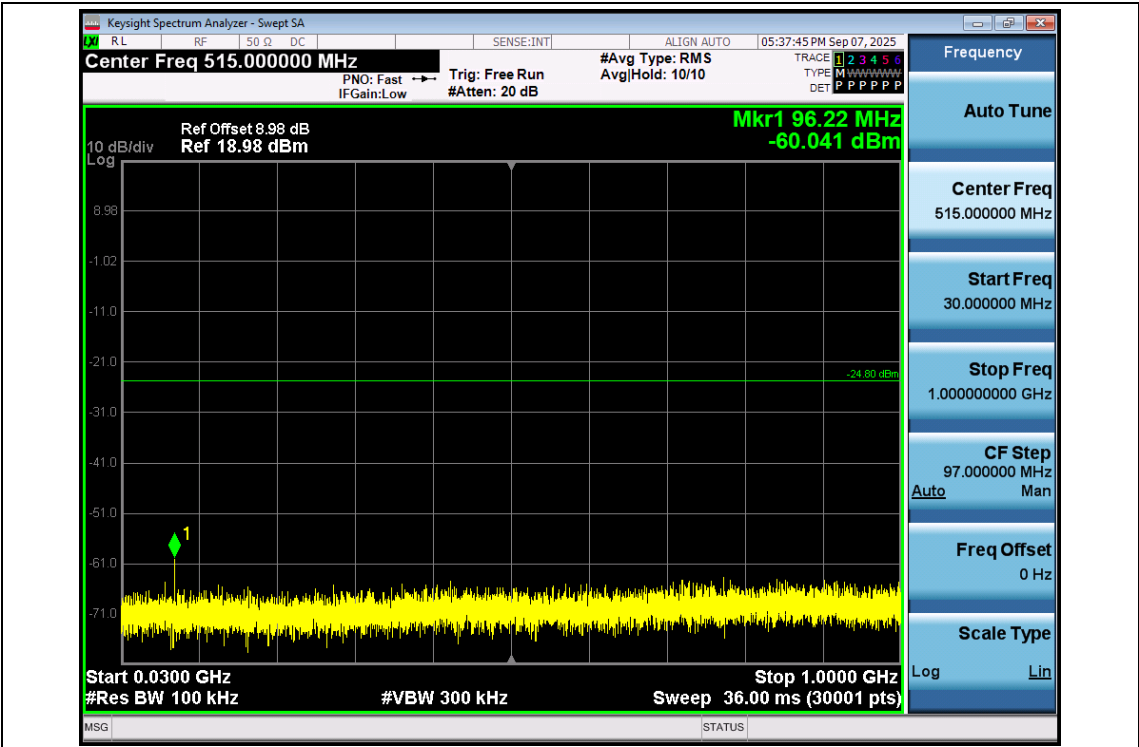
2DH5-Ant1-2441-30~1000-PASS



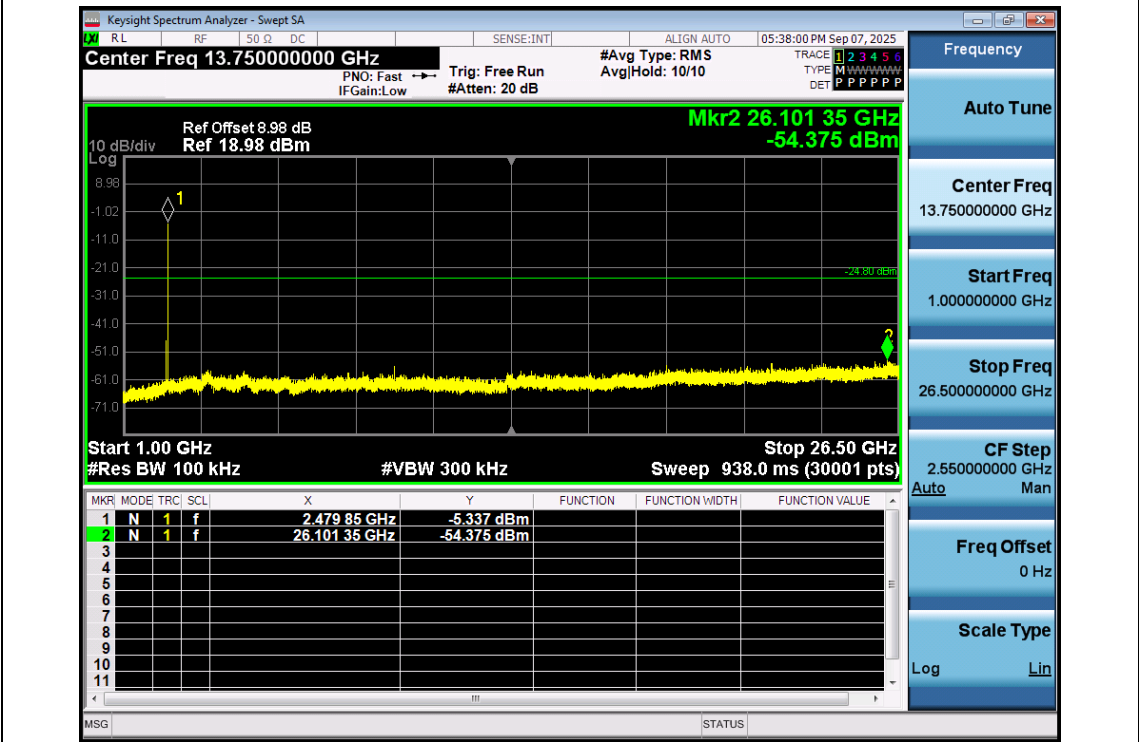
2DH5-Ant1-2441-1000~26500-PASS



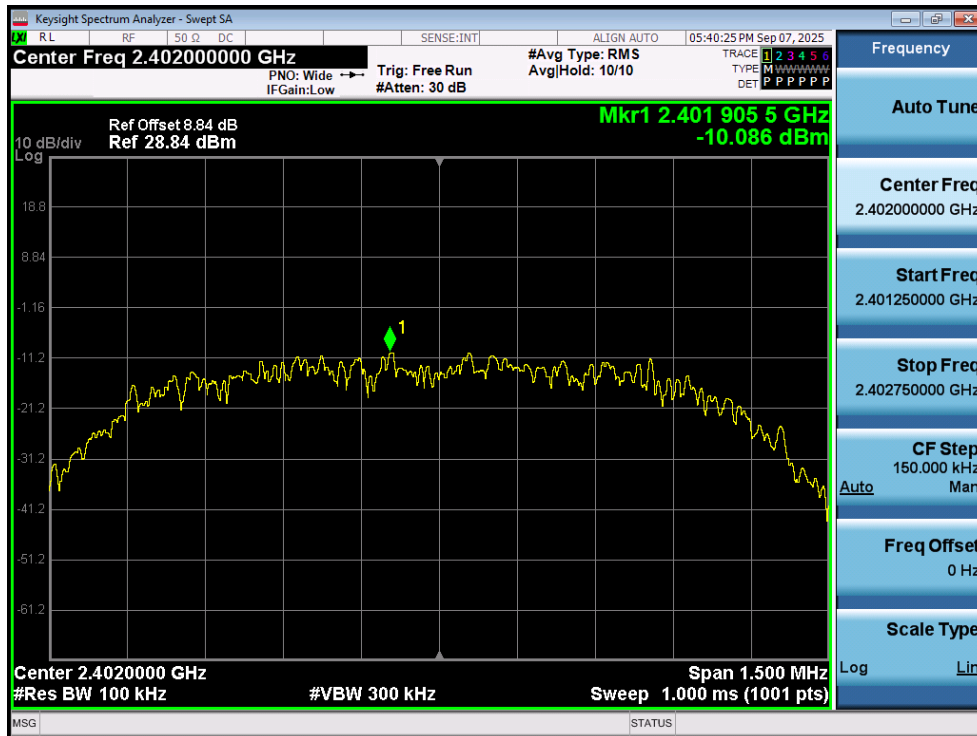
2DH5-Ant1-2480-0~Reference-PASS



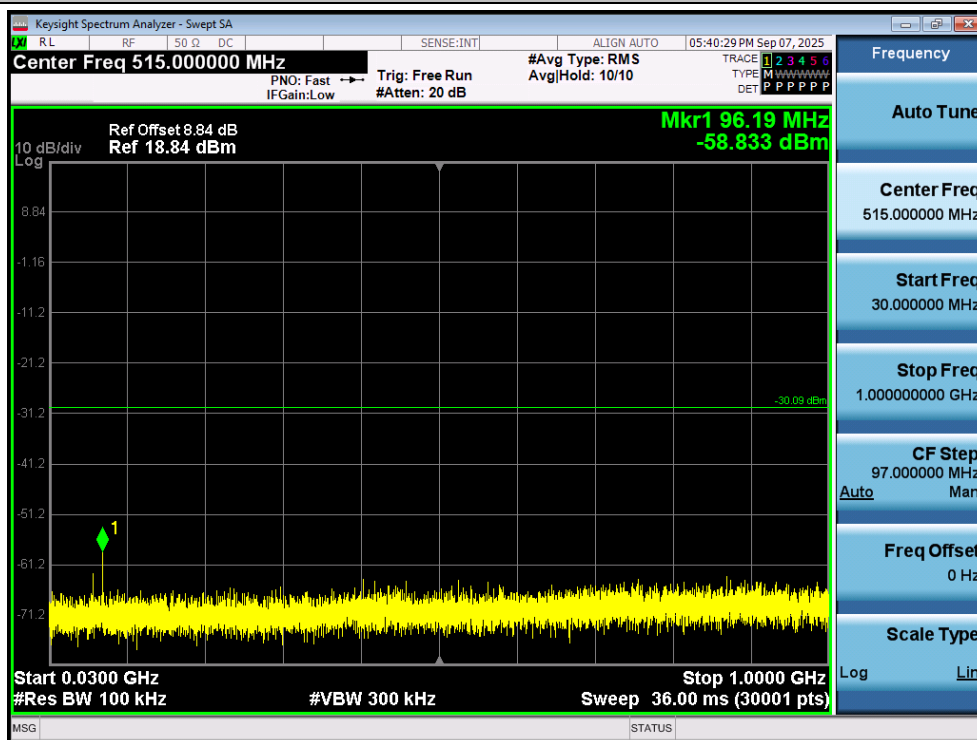
2DH5-Ant1-2480-30~1000-PASS



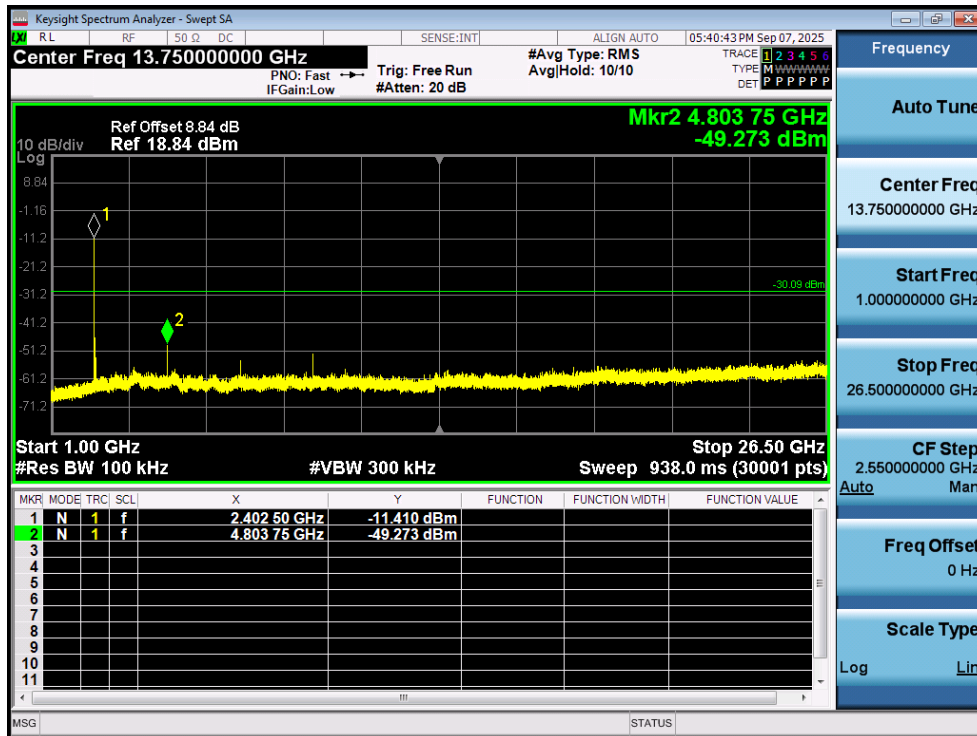
2DH5-Ant1-2480-1000~26500-PASS



3DH5-Ant1-2402-0~Reference-PASS



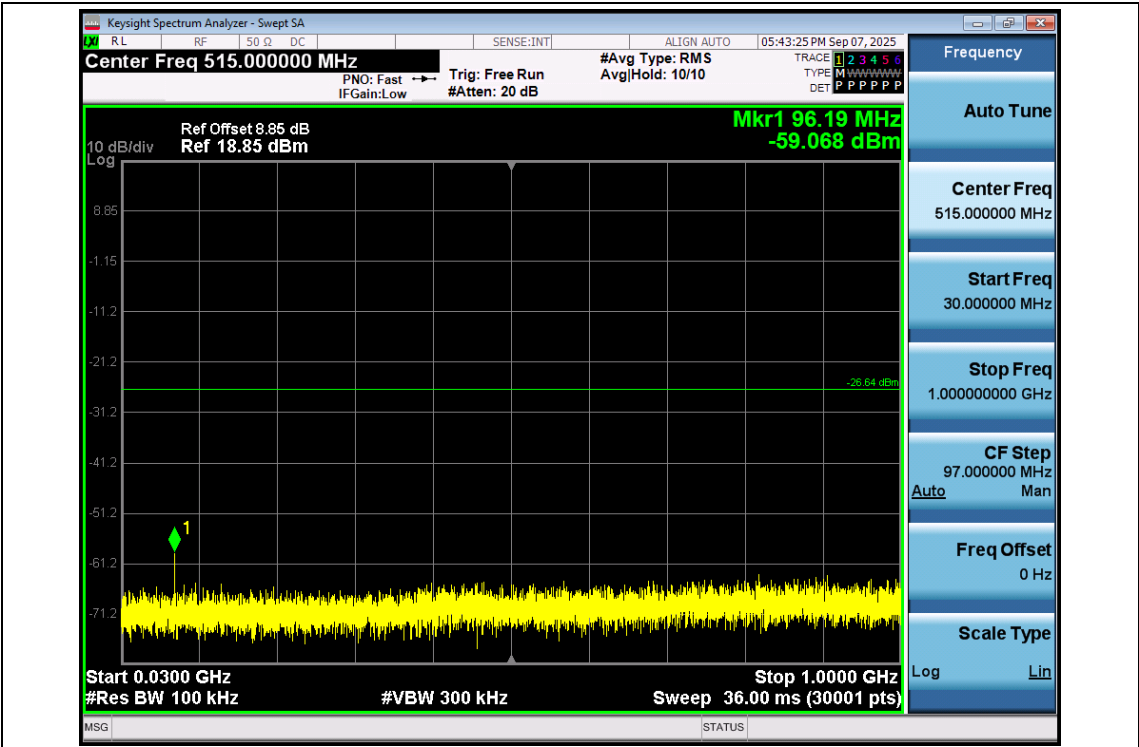
3DH5-Ant1-2402-30~1000-PASS



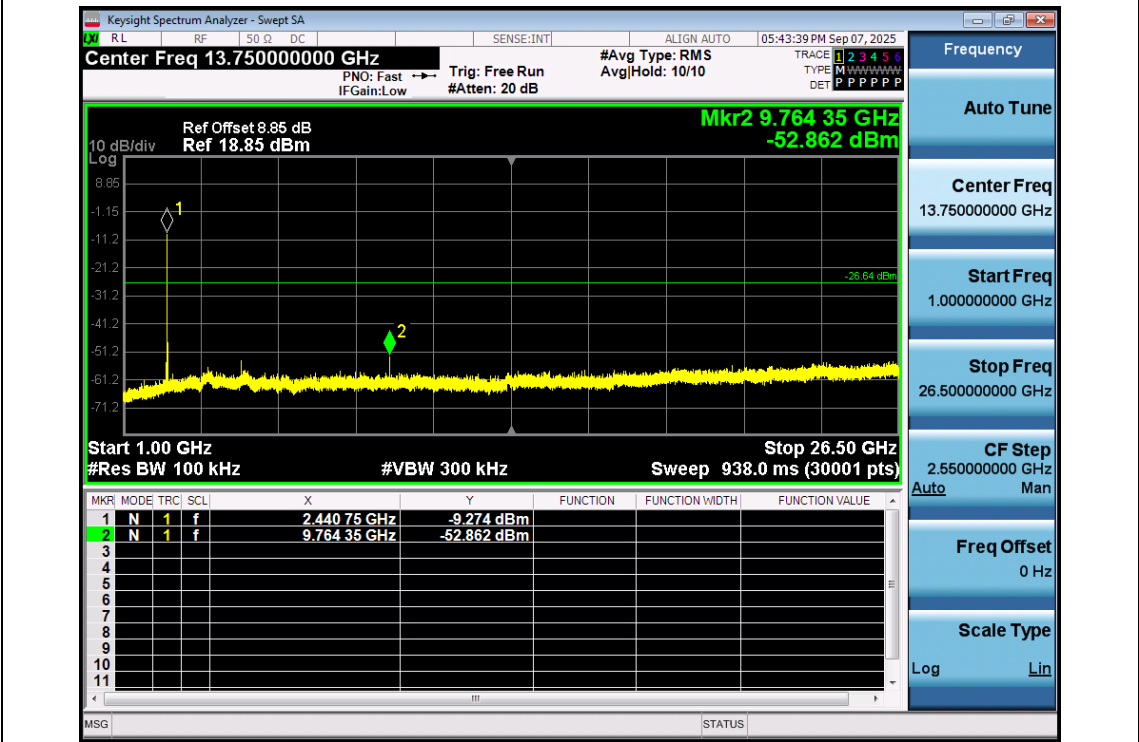
3DH5-Ant1-2402-1000~26500-PASS



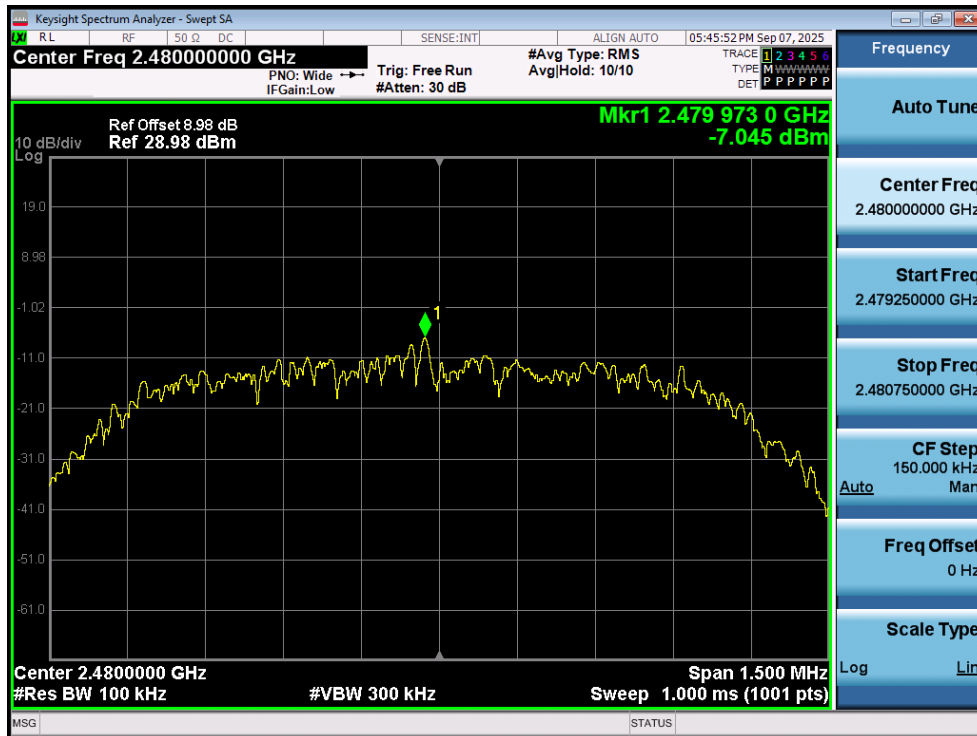
3DH5-Ant1-2441-0~Reference-PASS



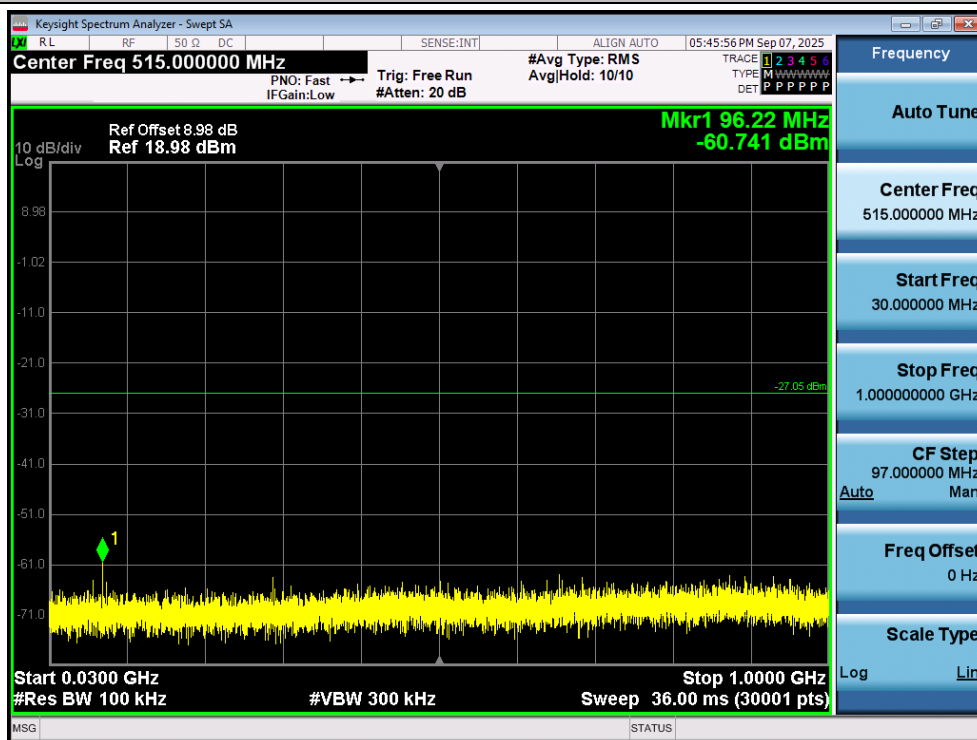
3DH5-Ant1-2441-30~1000-PASS



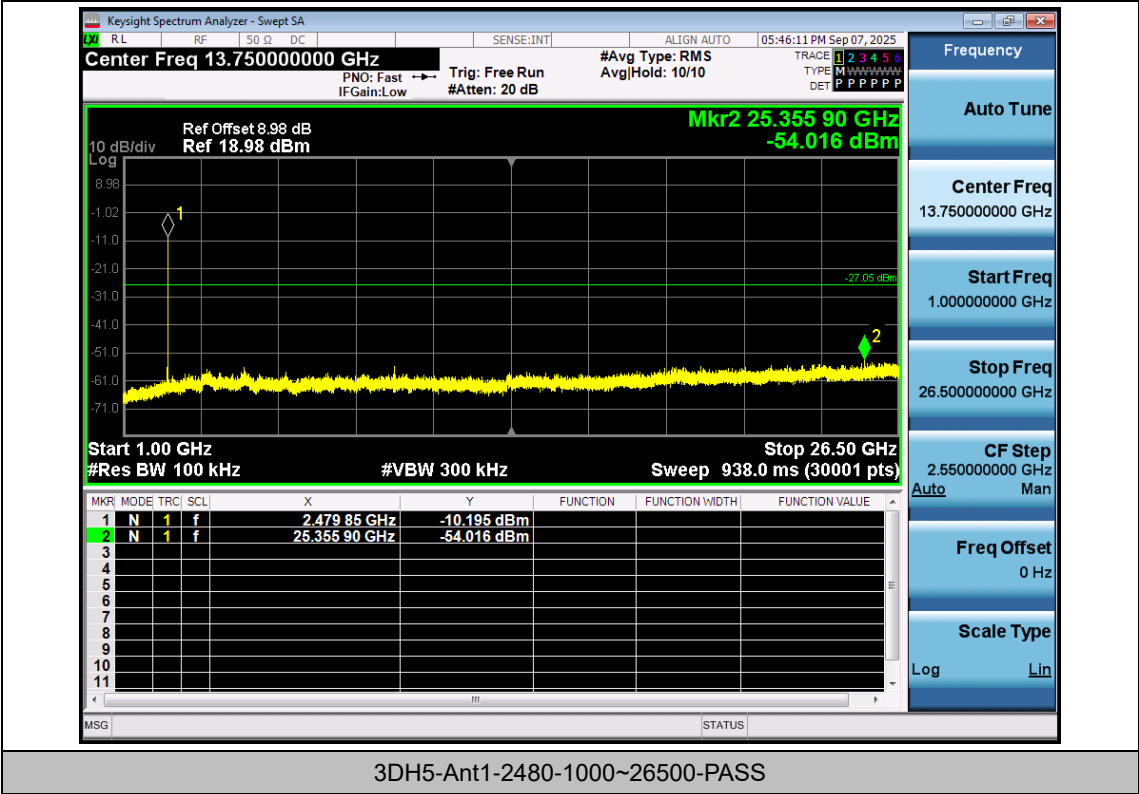
3DH5-Ant1-2441-1000~26500-PASS



3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS

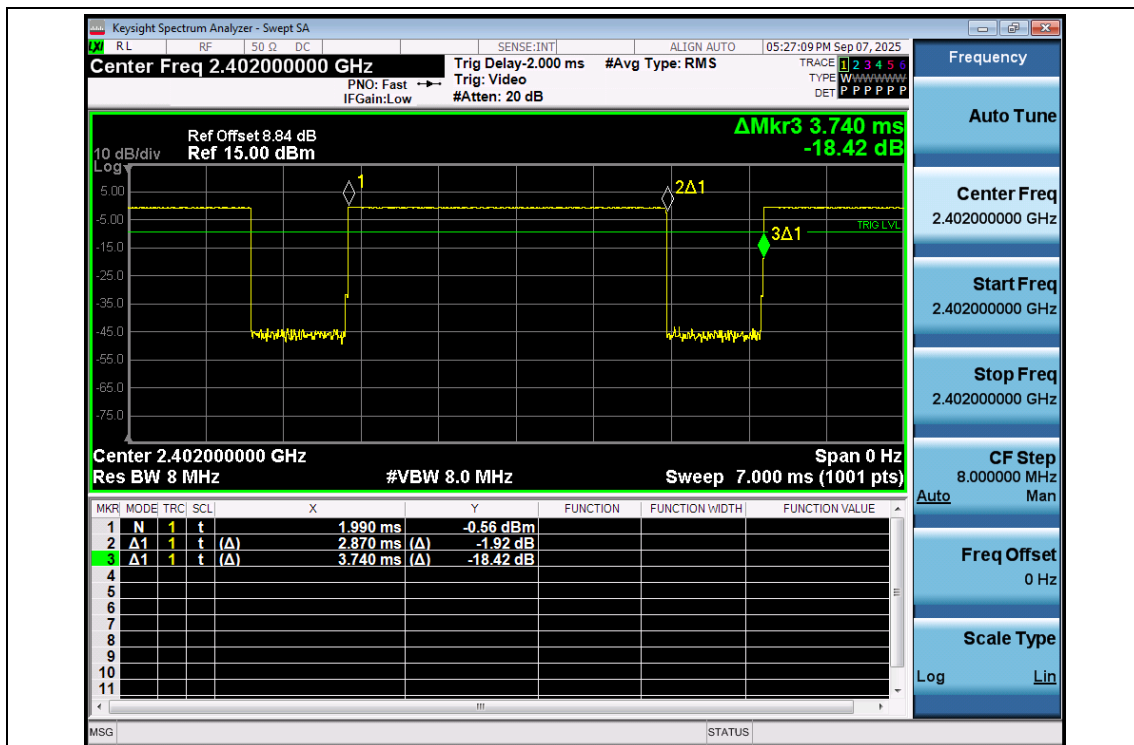


Appendix I: Duty Cycle

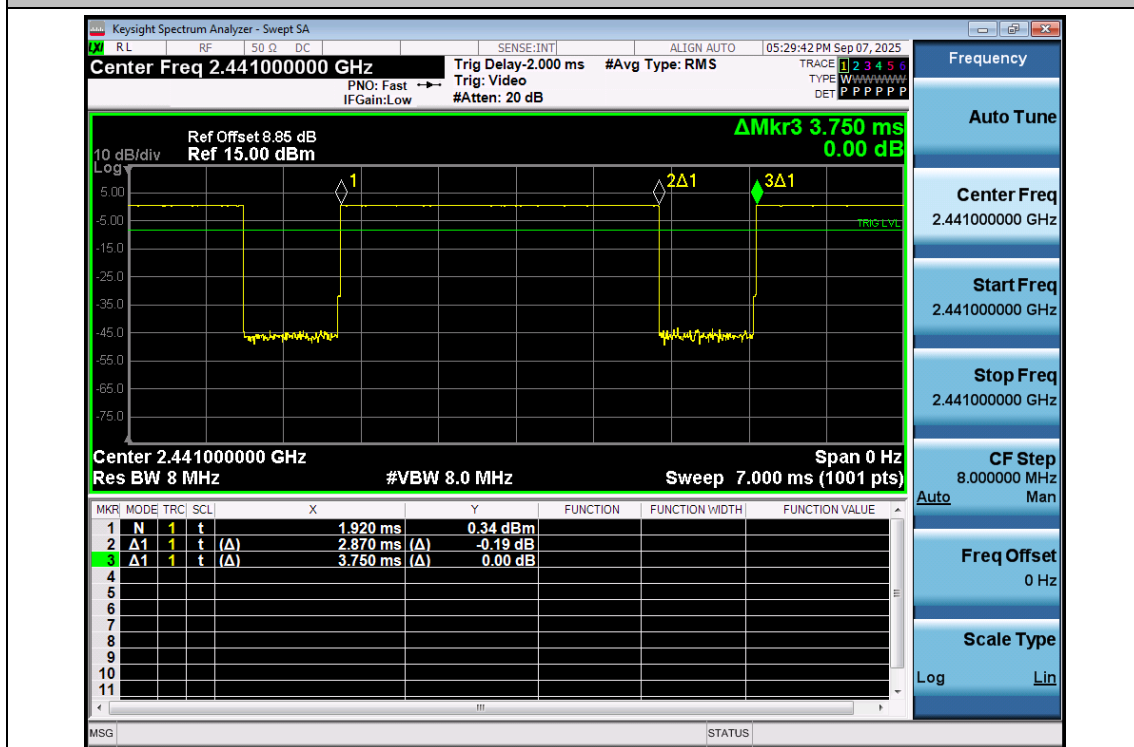
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]
DH5	Ant1	2402	2.87	3.74	76.74
DH5	Ant1	2441	2.87	3.75	76.53
DH5	Ant1	2480	2.87	3.76	76.33
2DH5	Ant1	2402	2.88	3.76	76.60
2DH5	Ant1	2441	2.88	3.75	76.80
2DH5	Ant1	2480	2.87	3.75	76.53
3DH5	Ant1	2402	2.88	3.75	76.80
3DH5	Ant1	2441	2.92	3.75	77.87
3DH5	Ant1	2480	2.88	3.75	76.80

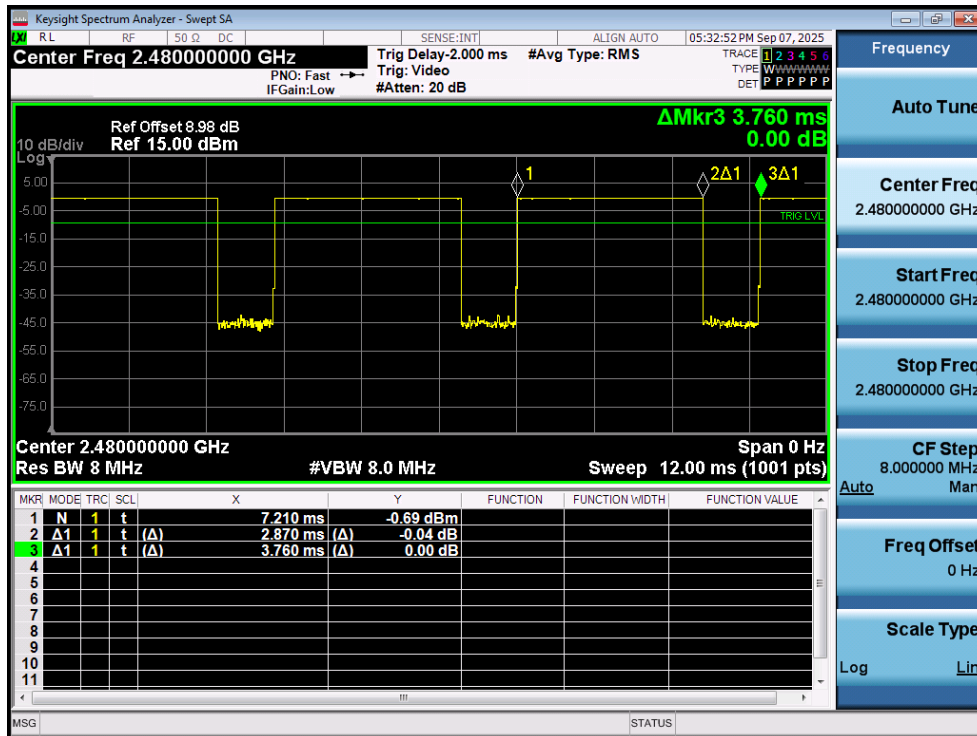
Test Graphs



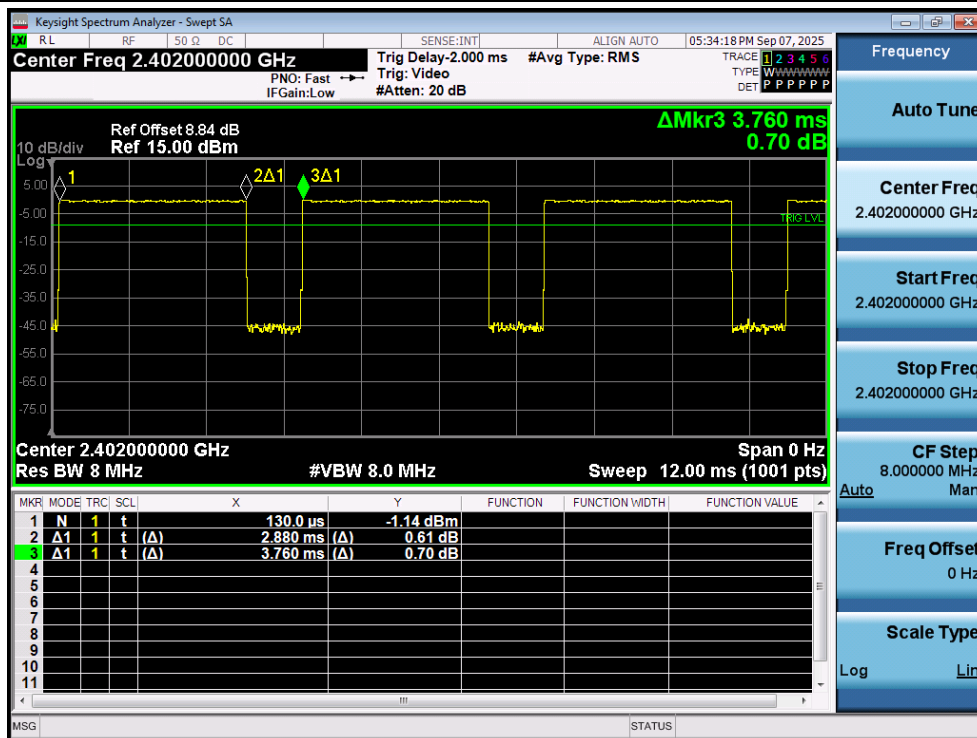
NTNV-DH5-Ant1-2402



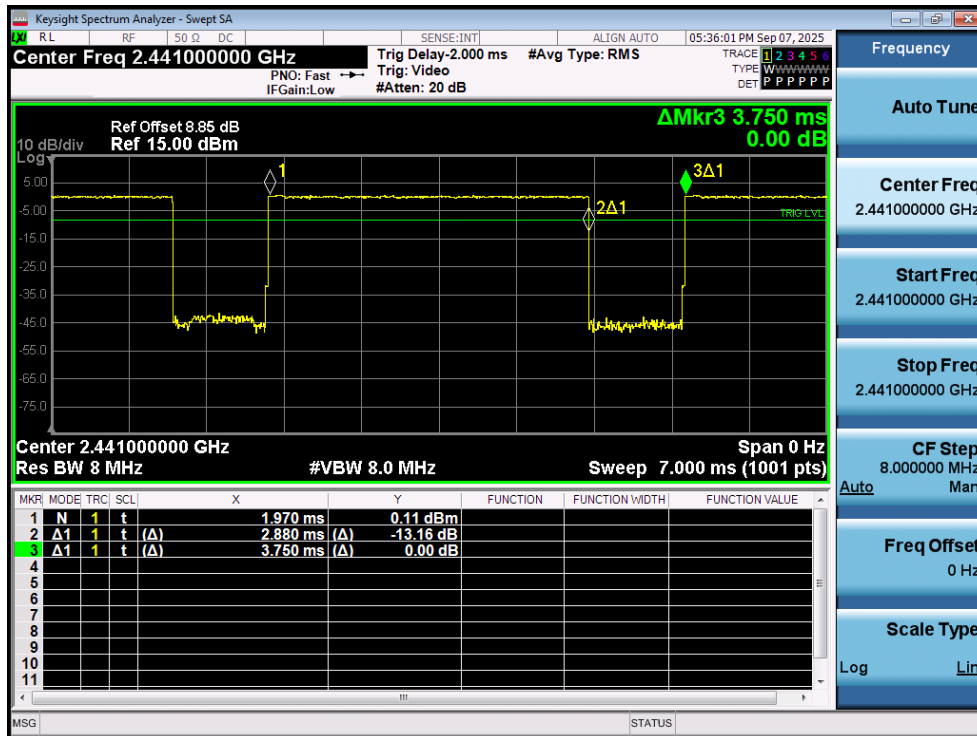
NTNV-DH5-Ant1-2441



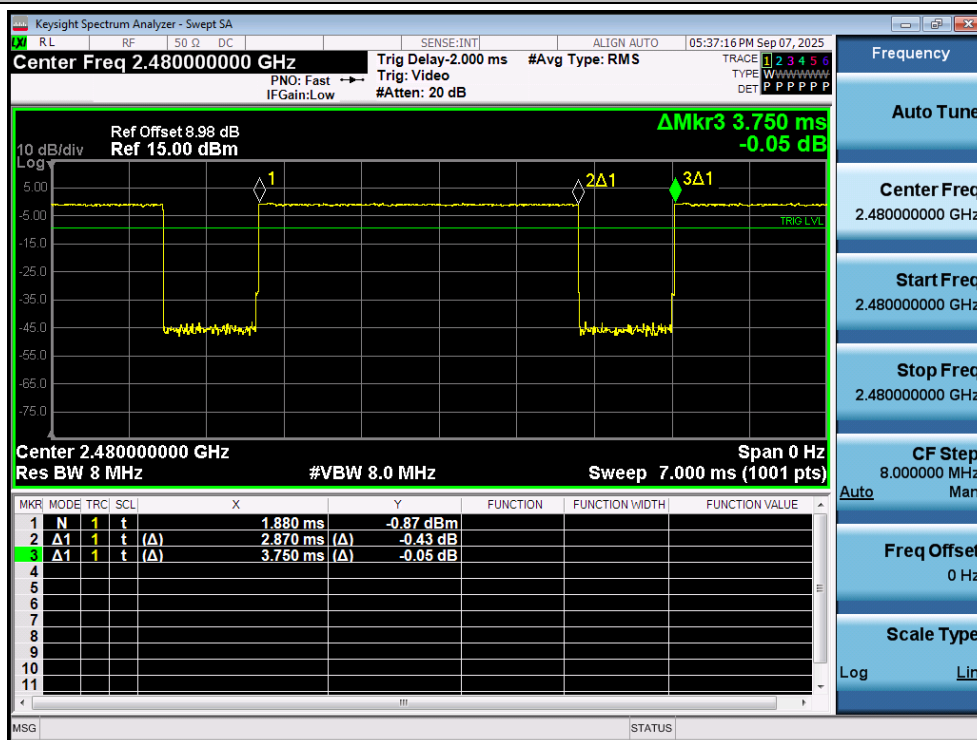
NTNV-DH5-Ant1-2480



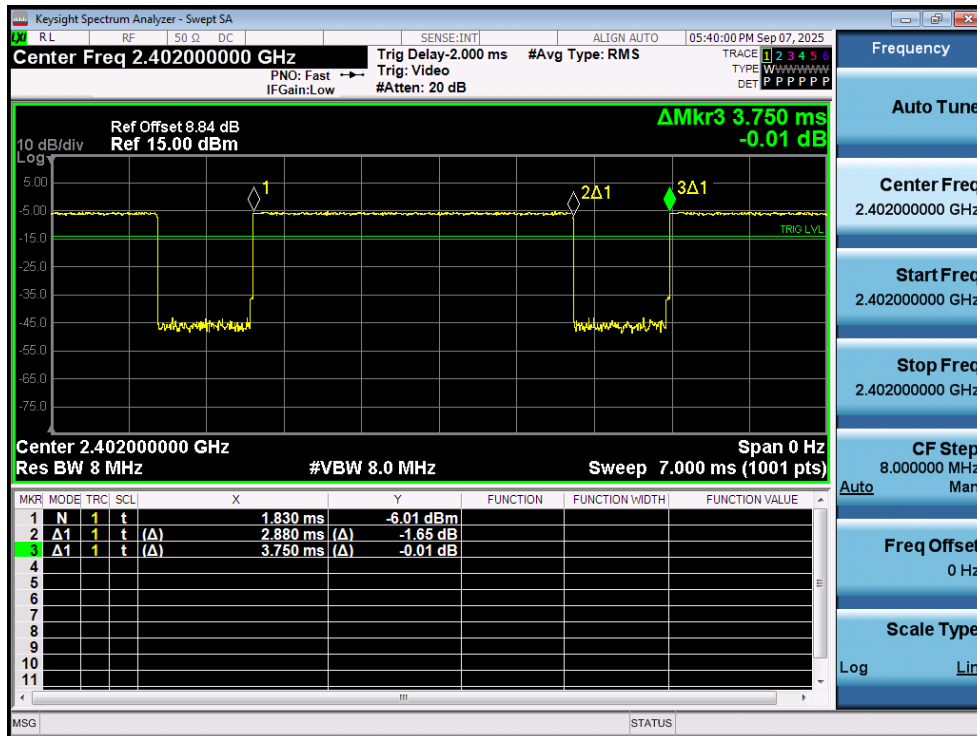
NTNV-2DH5-Ant1-2402



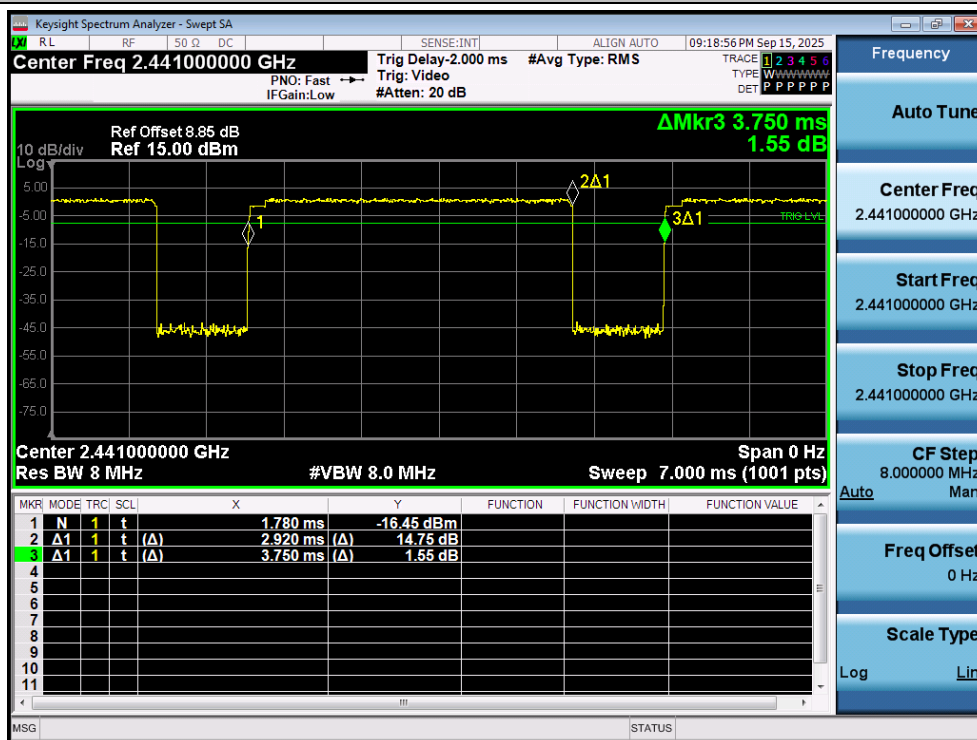
NTNV-2DH5-Ant1-2441



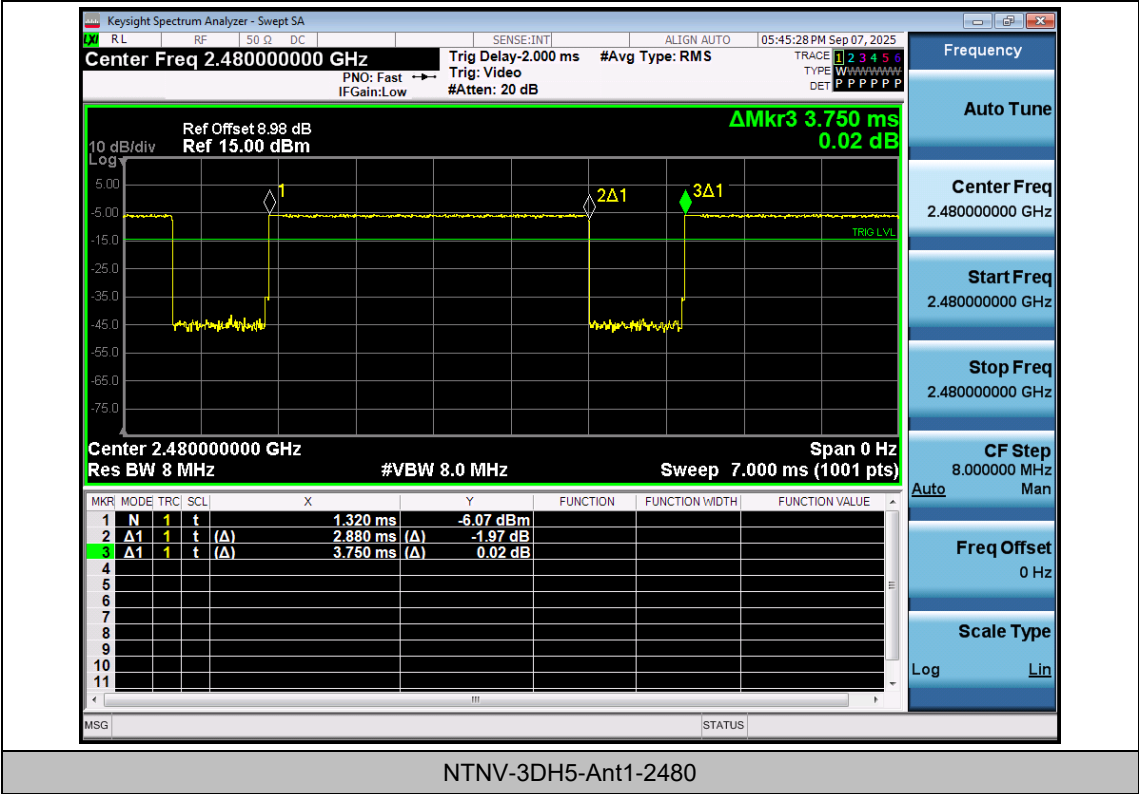
NTNV-2DH5-Ant1-2480



NTNV-3DH5-Ant1-2402



NTNV-3DH5-Ant1-2441



NTNV-3DH5-Ant1-2480

Appendix L: Emissions in Restricted Bands

Test Result

Mode:	DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	44.13	74.00	29.87	41.46	54.00	12.54	150	57	Horizontal	PASS
2	2322.96	7.16	46.07	74.00	27.93	41.81	54.00	12.19	150	35	Horizontal	PASS
3	2341.84	7.18	46.04	74.00	27.96	42.84	54.00	11.16	150	50	Horizontal	PASS
4	2352.88	7.33	46.44	74.00	27.56	41.82	54.00	12.18	150	187	Horizontal	PASS
5	2366.32	7.50	46.03	74.00	27.97	43.42	54.00	10.58	150	83	Horizontal	PASS
6	2390	8.28	46.49	74.00	27.51	43.00	54.00	11.00	150	110	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	44.60	74.00	29.40	41.62	54.00	12.38	150	135	Vertical	PASS
2	2314.64	7.10	46.01	74.00	27.99	43.77	54.00	10.23	150	191	Vertical	PASS
3	2322.24	7.15	46.01	74.00	27.99	42.13	54.00	11.87	150	167	Vertical	PASS
4	2334.4	7.10	45.62	74.00	28.38	43.08	54.00	10.92	150	310	Vertical	PASS
5	2363.68	7.48	45.38	74.00	28.62	43.25	54.00	10.75	150	290	Vertical	PASS
6	2390	8.28	45.25	74.00	28.75	42.47	54.00	11.53	150	224	Vertical	PASS

Mode:	DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	52.25	74.00	21.75	39.89	54.00	14.11	150	341	Horizontal	PASS
2	2487.592	7.57	53.94	74.00	20.06	41.01	54.00	12.99	150	240	Horizontal	PASS
3	2488.615	7.60	55.02	74.00	18.98	42.38	54.00	11.62	150	171	Horizontal	PASS
4	2492.9875	7.66	54.68	74.00	19.32	43.04	54.00	10.96	150	161	Horizontal	PASS
5	2494.39	7.67	54.18	74.00	19.82	43.16	54.00	10.84	150	108	Horizontal	PASS
6	2500	7.60	51.76	74.00	22.24	39.78	54.00	14.22	150	293	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	51.97	74.00	22.03	39.40	54.00	14.60	150	149	Vertical	PASS
2	2485.1335	7.60	53.76	74.00	20.24	39.84	54.00	14.16	150	28	Vertical	PASS
3	2489.3245	7.64	54.46	74.00	19.54	45.19	54.00	8.81	150	352	Vertical	PASS
4	2493.367	7.66	53.38	74.00	20.62	46.10	54.00	7.90	150	284	Vertical	PASS
5	2494.8355	7.65	53.54	74.00	20.46	38.83	54.00	15.17	150	118	Vertical	PASS
6	2500	7.60	52.09	74.00	21.91	39.61	54.00	14.39	150	128	Vertical	PASS

Mode:	2DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	43.97	74.00	30.03	41.51	54.00	12.49	150	11	Horizontal	PASS
2	2319.12	7.16	46.09	74.00	27.91	42.97	54.00	11.03	150	107	Horizontal	PASS
3	2329.28	7.13	46.05	74.00	27.95	42.73	54.00	11.27	150	230	Horizontal	PASS
4	2343.2	7.24	46.34	74.00	27.66	43.65	54.00	10.35	150	35	Horizontal	PASS
5	2362.56	7.42	46.04	74.00	27.96	42.08	54.00	11.92	150	334	Horizontal	PASS
6	2390	8.28	45.96	74.00	28.04	44.00	54.00	10.00	150	0	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	44.36	74.00	29.64	40.99	54.00	13.01	150	159	Vertical	PASS
2	2321.68	7.16	46.08	74.00	27.92	42.14	54.00	11.86	150	231	Vertical	PASS
3	2328.72	7.14	46.82	74.00	27.18	40.98	54.00	13.02	150	40	Vertical	PASS
4	2345.2	7.33	46.76	74.00	27.24	43.64	54.00	10.36	150	287	Vertical	PASS
5	2358.08	7.33	46.77	74.00	27.23	42.11	54.00	11.89	150	66	Vertical	PASS
6	2390	8.28	45.74	74.00	28.26	42.47	54.00	11.53	150	40	Vertical	PASS

Mode:	2DH5-2480
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	51.74	74.00	22.26	39.60	54.00	14.40	150	215	Horizontal	PASS
2	2486.0575	7.54	54.06	74.00	19.94	45.22	54.00	8.78	150	246	Horizontal	PASS
3	2487.9715	7.54	53.96	74.00	20.04	46.20	54.00	7.80	150	103	Horizontal	PASS
4	2491.2055	7.63	54.49	74.00	19.51	44.80	54.00	9.20	150	151	Horizontal	PASS
5	2495.083	7.65	53.96	74.00	20.04	45.63	54.00	8.37	150	284	Horizontal	PASS
6	2500.0000	7.60	53.64	74.00	20.36	51.43	54.00	2.57	150	206	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	52.24	74.00	21.76	39.62	54.00	14.38	150	247	Vertical	PASS
2	2484.9355	7.60	54.32	74.00	19.68	46.43	54.00	7.57	150	206	Vertical	PASS
3	2487.856	7.55	53.77	74.00	20.23	44.69	54.00	9.31	150	180	Vertical	PASS
4	2490.265	7.64	53.11	74.00	20.89	45.08	54.00	8.92	150	259	Vertical	PASS
5	2493.796	7.68	53.85	74.00	20.15	49.93	54.00	4.07	150	308	Vertical	PASS
6	2500	7.60	52.58	74.00	21.42	39.71	54.00	14.29	150	322	Vertical	PASS

Mode:	3DH5-2402
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Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310	6.96	45.11	74.00	28.89	42.29	54.00	11.71	150	182	Horizontal	PASS
2	2322.8	7.16	46.15	74.00	27.85	42.09	54.00	11.91	150	234	Horizontal	PASS
3	2345.76	7.32	47.38	74.00	26.62	41.32	54.00	12.68	150	35	Horizontal	PASS
4	2354.4	7.36	47.56	74.00	26.44	44.01	54.00	9.99	150	265	Horizontal	PASS
5	2372.4	7.75	46.21	74.00	27.79	43.11	54.00	10.89	150	354	Horizontal	PASS
6	2390	8.28	45.52	74.00	28.48	43.14	54.00	10.86	150	203	Horizontal	PASS

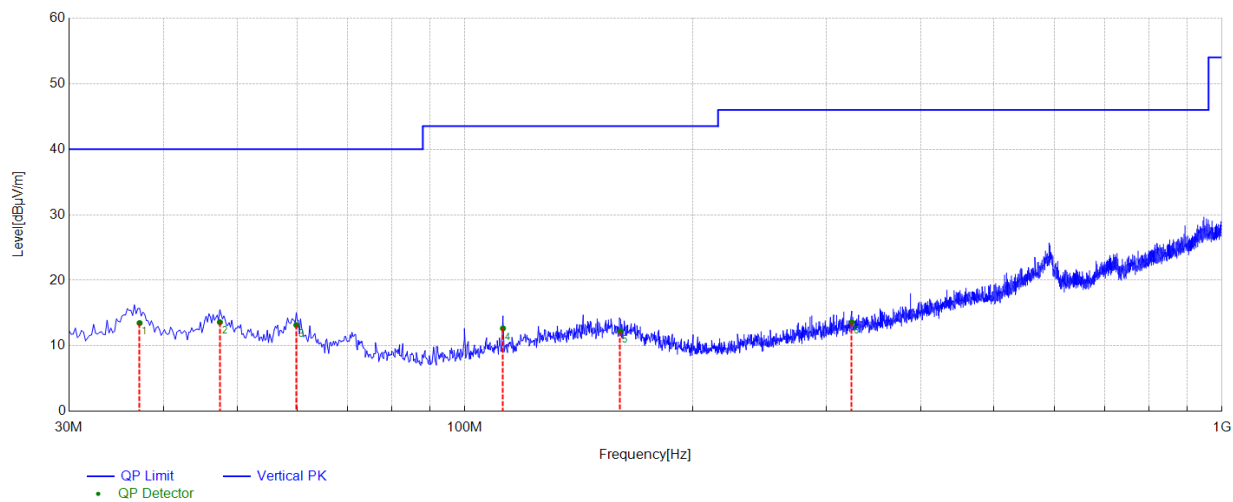
Final Data List												
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1	2310	6.96	44.19	74.00	29.81	42.72	54.00	11.28	150	21	Vertical	PASS
2	2328.88	7.14	46.09	74.00	27.91	40.97	54.00	13.03	150	251	Vertical	PASS
3	2340.32	7.16	46.99	74.00	27.01	43.47	54.00	10.53	150	251	Vertical	PASS
4	2361.92	7.41	46.10	74.00	27.90	41.56	54.00	12.44	150	280	Vertical	PASS
5	2372.64	7.76	46.96	74.00	27.04	43.63	54.00	10.37	150	4	Vertical	PASS
6	2390	8.28	45.46	74.00	28.54	42.55	54.00	11.45	150	348	Vertical	PASS

Mode:	3DH5-2480
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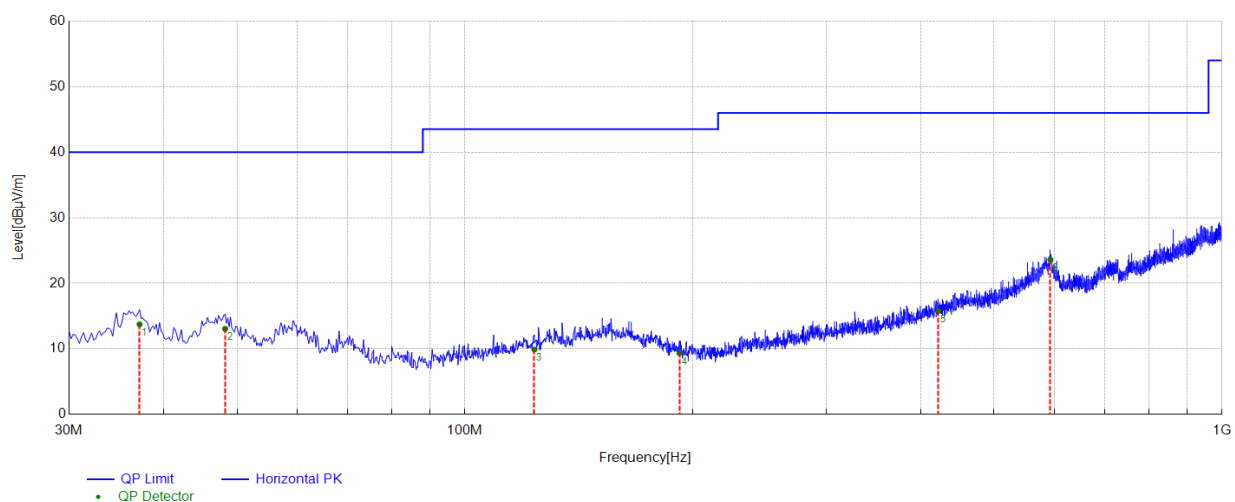
Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	52.69	74.00	21.31	40.40	54.00	13.60	150	244	Horizontal	PASS
2	2485.777	7.56	53.42	74.00	20.58	44.91	54.00	9.09	150	67	Horizontal	PASS
3	2487.6745	7.57	53.88	74.00	20.12	45.33	54.00	8.67	150	264	Horizontal	PASS
4	2491.5355	7.65	53.76	74.00	20.24	43.85	54.00	10.15	150	79	Horizontal	PASS
5	2494.5385	7.66	53.97	74.00	20.03	43.75	54.00	10.25	150	197	Horizontal	PASS
6	2500	7.60	52.54	74.00	21.46	39.60	54.00	14.40	150	286	Horizontal	PASS

Final Data List												
NO.	Freq. [MHz]	Factor [dB/m]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5	7.53	51.72	74.00	22.28	39.70	54.00	14.30	150	47	Vertical	PASS
2	2487.9385	7.54	53.99	74.00	20.01	46.52	54.00	7.48	150	16	Vertical	PASS
3	2489.539	7.65	54.22	74.00	19.78	46.19	54.00	7.81	150	134	Vertical	PASS
4	2491.9975	7.65	54.24	74.00	19.76	45.98	54.00	8.02	150	229	Vertical	PASS
5	2495.2315	7.65	53.37	74.00	20.63	44.91	54.00	9.09	150	347	Vertical	PASS
6	2500	7.60	51.86	74.00	22.14	39.16	54.00	14.84	150	7	Vertical	PASS

Appendix L: Radiated emissions



QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	37.1794	-16.29	13.49	40.00	26.51	100	349	Vertical	PASS
2	47.4635	-16.29	13.62	40.00	26.38	100	153	Vertical	PASS
3	59.8820	-17.25	13.18	40.00	26.82	200	236	Vertical	PASS
4	112.2725	-18.68	12.68	43.50	30.82	100	332	Vertical	PASS
5	160.3941	-16.09	12.23	43.50	31.27	300	281	Vertical	PASS
6	324.3569	-15.23	13.61	46.00	32.39	200	199	Vertical	PASS



QP Final Data List									
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	37.1794	-16.29	13.75	40.00	26.25	100	0	Horizontal	PASS
2	48.2396	-16.35	13.07	40.00	26.93	200	57	Horizontal	PASS
3	123.5267	-17.65	9.90	43.50	33.60	200	253	Horizontal	PASS
4	192.0224	-18.86	9.36	43.50	34.14	300	251	Horizontal	PASS
5	421.9584	-13.07	15.79	46.00	30.21	100	95	Horizontal	PASS
6	593.2947	-9.15	23.62	46.00	22.38	300	175	Horizontal	PASS

Mode:	DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1371.6	43.16	2.50	74.00	30.84	150	341	Horizontal
2	1666.8	42.15	3.25	74.00	31.85	150	114	Horizontal
3	1932	45.56	6.14	74.00	28.44	150	73	Horizontal
4	3281.25	42.80	-17.63	74.00	31.20	150	47	Horizontal
5	4297.5	42.75	-15.09	74.00	31.25	150	14	Horizontal
6	7289.25	44.72	-10.49	74.00	29.28	150	117	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1248.8	42.11	2.48	74.00	31.89	150	37	Vertical
2	1438	42.32	2.30	74.00	31.68	150	304	Vertical
3	1864.8	44.91	5.96	74.00	29.09	150	49	Vertical
4	3948.75	43.20	-15.47	74.00	30.80	150	343	Vertical
5	6382.5	44.53	-10.62	74.00	29.47	150	138	Vertical
6	8328	45.22	-9.31	74.00	28.78	150	360	Vertical

Mode:	DH5-2441
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1225.6	42.00	2.47	74.00	32.00	150	25	Horizontal
2	1650	42.34	3.26	74.00	31.66	150	126	Horizontal
3	1888.4	45.96	6.10	74.00	28.04	150	326	Horizontal
4	3489	42.60	-17.19	74.00	31.40	150	183	Horizontal
5	4910.25	44.89	-12.83	74.00	29.11	150	331	Horizontal
6	7549.5	44.41	-10.04	74.00	29.59	150	277	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1290	42.50	2.80	74.00	31.50	150	88	Vertical
2	1542.4	42.62	2.26	74.00	31.38	150	317	Vertical
3	1767.2	44.65	4.71	74.00	29.35	150	294	Vertical
4	3582	42.22	-17.14	74.00	31.78	150	132	Vertical
5	5685	44.97	-12.23	74.00	29.03	150	206	Vertical
6	9561.75	46.04	-6.98	74.00	27.96	150	120	Vertical

Mode:	DH5-2480
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1186.8	43.71	2.44	74.00	30.29	150	342	Horizontal
2	1511.6	42.30	2.27	74.00	31.70	150	296	Horizontal
3	1842.8	45.97	5.96	74.00	28.03	150	176	Horizontal
4	3269.25	42.98	-16.97	74.00	31.02	150	111	Horizontal
5	5028.75	44.18	-13.75	74.00	29.82	150	165	Horizontal
6	7439.25	45.03	-10.07	74.00	28.97	150	139	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1313.6	42.43	2.63	74.00	31.57	150	342	Vertical
2	1604.8	42.40	2.79	74.00	31.60	150	356	Vertical
3	1832.8	45.41	5.82	74.00	28.59	150	170	Vertical
4	3887.25	42.56	-16.34	74.00	31.44	150	119	Vertical
5	5262.75	47.10	-12.83	74.00	26.90	150	286	Vertical
6	6570.75	44.95	-10.96	74.00	29.05	150	286	Vertical

Mode:	2DH5-2402
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1324.4	43.11	2.53	74.00	30.89	150	274	Horizontal
2	1395.6	42.34	2.44	74.00	31.66	150	136	Horizontal
3	1844.4	45.15	5.98	74.00	28.85	150	204	Horizontal
4	3836.25	42.24	-15.59	74.00	31.76	150	352	Horizontal
5	5484.75	43.32	-12.71	74.00	30.68	150	360	Horizontal
6	7614.75	44.95	-10.12	74.00	29.05	150	174	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1244	42.01	2.51	74.00	31.99	150	102	Vertical
2	1676	42.84	3.42	74.00	31.16	150	26	Vertical
3	2045.6	45.26	6.30	74.00	28.74	150	73	Vertical
4	3954	45.45	-15.67	74.00	28.55	150	140	Vertical
5	6380.25	45.25	-10.51	74.00	28.75	150	140	Vertical
6	11046	48.06	-3.86	74.00	25.94	150	284	Vertical

Mode:	2DH5-2441
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1143.2	42.39	2.11	74.00	31.61	150	205	Horizontal
2	1336.8	42.26	2.41	74.00	31.74	150	300	Horizontal
3	1899.6	45.38	6.25	74.00	28.62	150	274	Horizontal
4	3738	42.06	-16.54	74.00	31.94	150	10	Horizontal
5	4947.75	43.42	-13.70	74.00	30.58	150	298	Horizontal
6	8996.25	45.22	-8.27	74.00	28.78	150	199	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1281.6	43.11	2.75	74.00	30.89	150	326	Vertical
2	1452	42.38	2.30	74.00	31.62	150	105	Vertical
3	1766	58.14	4.69	74.00	15.86	150	280	Vertical
4	3940.5	44.51	-16.02	74.00	29.49	150	62	Vertical
5	5253	44.79	-12.97	74.00	29.21	150	94	Vertical
6	7908.75	45.15	-10.01	74.00	28.85	150	263	Vertical

Mode:	2DH5-2480
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NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1232.4	42.67	2.49	74.00	31.33	150	116	Horizontal
2	1440.4	42.11	2.28	74.00	31.89	150	166	Horizontal
3	1727.6	43.76	4.03	74.00	30.24	150	53	Horizontal
4	3471	42.06	-17.34	74.00	31.94	150	349	Horizontal
5	4920.75	43.66	-13.29	74.00	30.34	150	268	Horizontal
6	7350	44.41	-9.93	74.00	29.59	150	86	Horizontal

NO.	Freq. [MHz]	Level [dB μ V/m]	Factor [dB/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1314	43.00	2.62	74.00	31.00	150	129	Vertical
2	1707.2	42.86	3.80	74.00	31.14	150	314	Vertical
3	1822.4	45.26	5.73	74.00	28.74	150	153	Vertical
4	3948.75	48.06	-15.47	74.00	25.94	150	175	Vertical
5	5059.5	43.68	-12.76	74.00	30.32	150	307	Vertical
6	7985.25	44.59	-9.30	74.00	29.41	150	10	Vertical

Mode:	3DH5-2402
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1182.8	42.03	2.49	74.00	31.97	150	245	Horizontal
2	1476.8	42.09	2.30	74.00	31.91	150	245	Horizontal
3	1952	45.48	6.25	74.00	28.52	150	184	Horizontal
4	4302	42.76	-15.19	74.00	31.24	150	221	Horizontal
5	5883	43.82	-11.67	74.00	30.18	150	83	Horizontal
6	7716.75	45.30	-9.72	74.00	28.70	150	42	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1301.2	42.31	2.73	74.00	31.69	150	296	Vertical
2	1462.8	41.92	2.34	74.00	32.08	150	260	Vertical
3	1902.4	44.90	6.21	74.00	29.10	150	281	Vertical
4	3936.75	47.23	-16.07	74.00	26.77	150	180	Vertical
5	5256	46.71	-12.86	74.00	27.29	150	113	Vertical
6	7989	44.91	-9.30	74.00	29.09	150	142	Vertical

Mode:	3DH5-2441
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NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1234	42.81	2.51	74.00	31.19	150	195	Horizontal
2	1384	42.24	2.46	74.00	31.76	150	48	Horizontal
3	1776	43.89	4.88	74.00	30.11	150	147	Horizontal
4	4512.75	43.19	-14.53	74.00	30.81	150	51	Horizontal
5	6031.5	44.29	-11.66	74.00	29.71	150	333	Horizontal
6	7668.75	44.76	-10.08	74.00	29.24	150	155	Horizontal

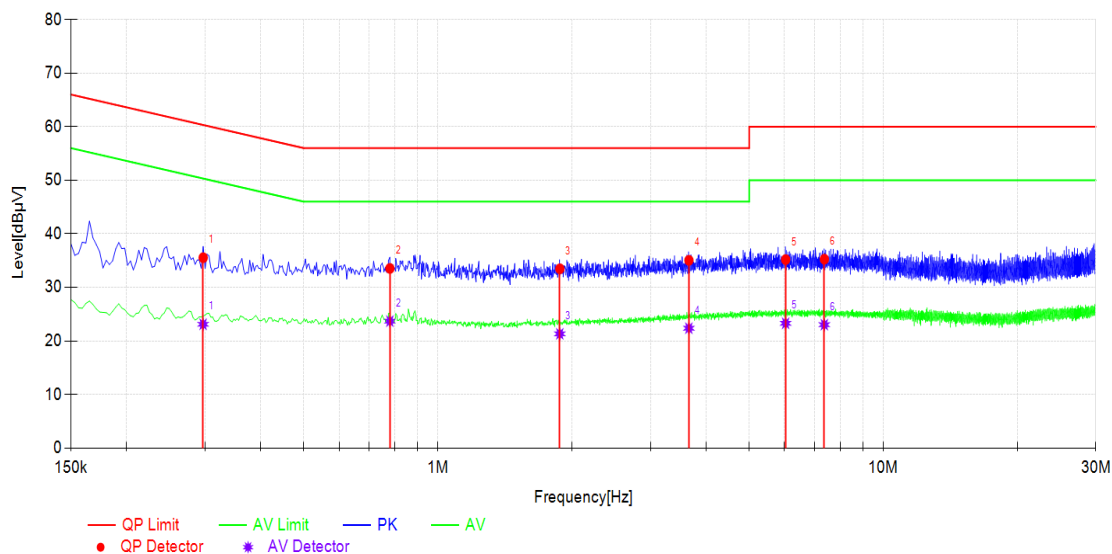
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1245.6	43.29	2.50	74.00	30.71	150	311	Vertical
2	1664	42.65	3.22	74.00	31.35	150	223	Vertical
3	2038.8	46.67	6.38	74.00	27.33	150	311	Vertical
4	3491.25	42.52	-17.19	74.00	31.48	150	44	Vertical
5	5253.75	44.58	-12.94	74.00	29.42	150	86	Vertical
6	7687.5	45.05	-9.94	74.00	28.95	150	4	Vertical

Mode:	3DH5-2480
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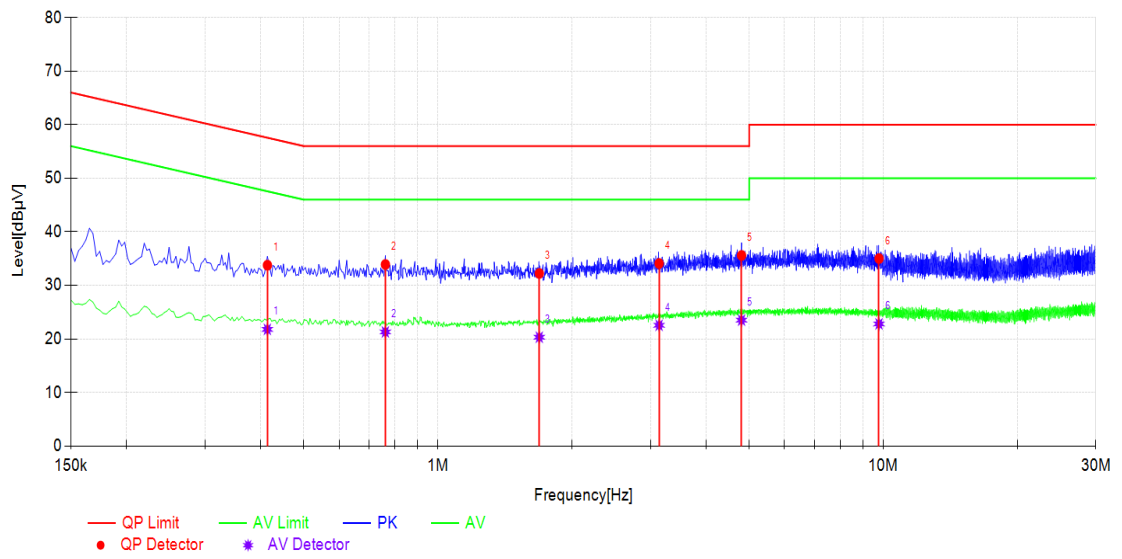
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1236.4	42.68	2.52	74.00	31.32	150	204	Horizontal
2	1313.2	42.68	2.63	74.00	31.32	150	112	Horizontal
3	1912	44.88	6.10	74.00	29.12	150	40	Horizontal
4	3590.25	42.11	-16.57	74.00	31.89	150	190	Horizontal
5	5620.5	45.09	-12.27	74.00	28.91	150	161	Horizontal
6	9568.5	46.06	-6.96	74.00	27.94	150	142	Horizontal

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1233.2	42.16	2.50	74.00	31.84	150	312	Vertical
2	1475.6	41.71	2.29	74.00	32.29	150	228	Vertical
3	1844	45.65	5.97	74.00	28.35	150	0	Vertical
4	3426	42.61	-17.38	74.00	31.39	150	217	Vertical
5	4917	44.04	-13.12	74.00	29.96	150	107	Vertical
6	9255.75	45.36	-6.73	74.00	28.64	150	267	Vertical

Appendix K: Conducted emission AC power port



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.297	10.32	35.55	60.33	24.78	23.12	50.33	27.21	L1	PASS
2	0.78	10.29	33.55	56.00	22.45	23.70	46.00	22.30	L1	PASS
3	1.878	10.29	33.48	56.00	22.52	21.33	46.00	24.67	L1	PASS
4	3.66	10.30	35.06	56.00	20.94	22.38	46.00	23.62	L1	PASS
5	6.036	10.38	35.20	60.00	24.80	23.30	50.00	26.70	L1	PASS
6	7.374	10.42	35.28	60.00	24.72	23.04	50.00	26.96	L1	PASS



Final Data List										
NO.	Freq. [MHz]	Factor [dB]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Type	Verdict
1	0.414	10.28	33.78	57.57	23.79	21.79	47.57	25.78	N	PASS
2	0.762	10.26	33.91	56.00	22.09	21.31	46.00	24.69	N	PASS
3	1.689	10.34	32.24	56.00	23.76	20.33	46.00	25.67	N	PASS
4	3.138	10.39	34.10	56.00	21.90	22.56	46.00	23.44	N	PASS
5	4.806	10.41	35.60	56.00	20.40	23.52	46.00	22.48	N	PASS
6	9.783	10.44	35.02	60.00	24.98	22.81	50.00	27.19	N	PASS