

Appendix A: 20dB Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.963	2401.508	2402.471	---	---
		2441	0.966	2440.508	2441.474	---	---
		2480	1.029	2479.448	2480.477	---	---
2DH5	Ant1	2402	1.341	2401.307	2402.648	---	---
		2441	1.338	2440.310	2441.648	---	---
		2480	1.338	2479.307	2480.645	---	---
3DH5	Ant1	2402	1.317	2401.325	2402.642	---	---
		2441	1.317	2440.325	2441.642	---	---
		2480	1.317	2479.325	2480.642	---	---

Test Graphs





2DH5_Ant1_2402



2DH5_Ant1_2441



2DH5_Ant1_2480



3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480

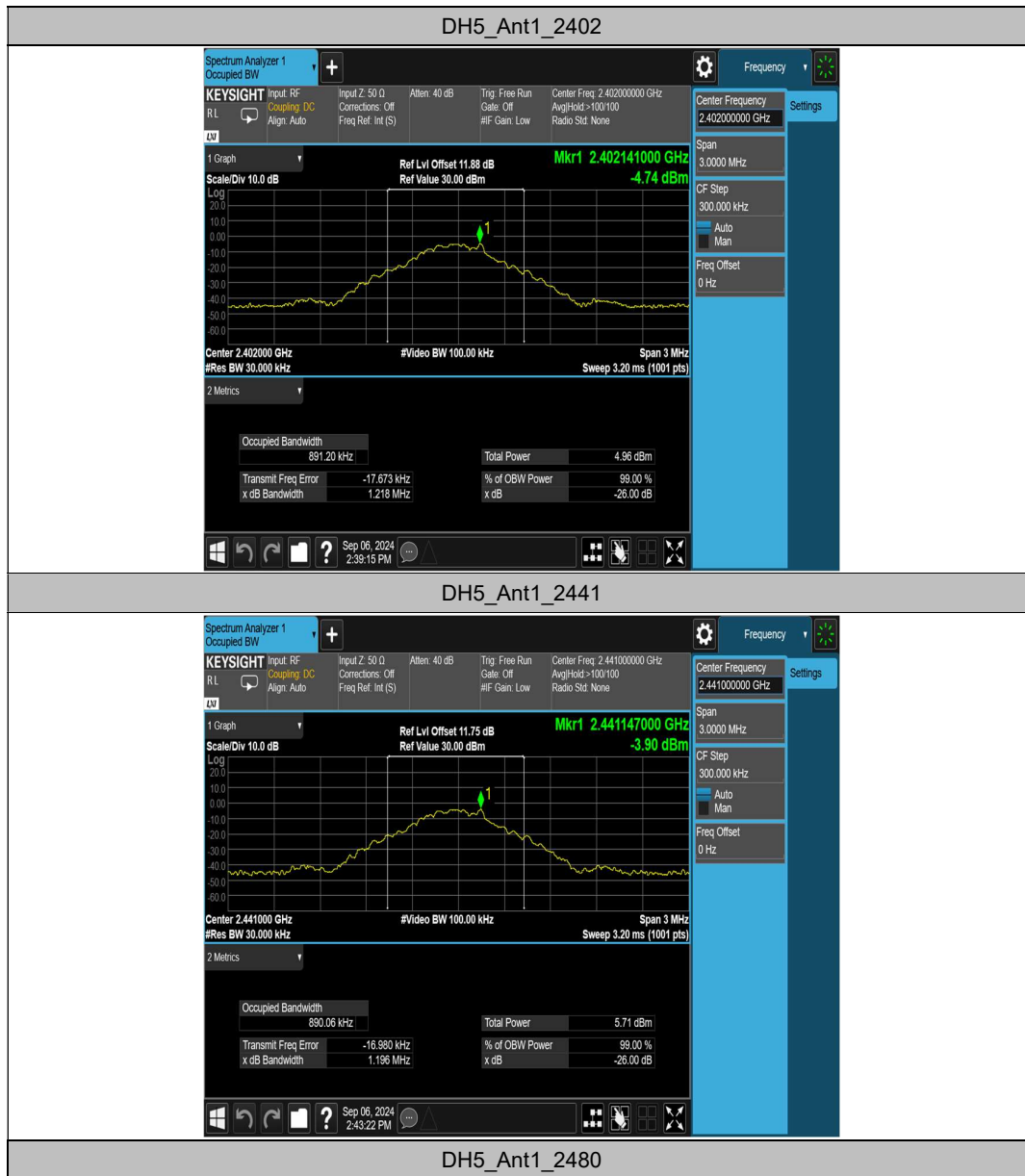


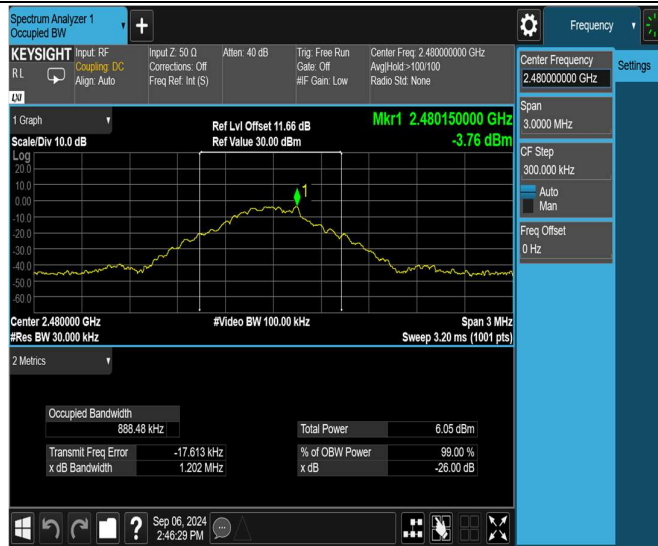
Appendix B: Occupied Channel Bandwidth

Test Result

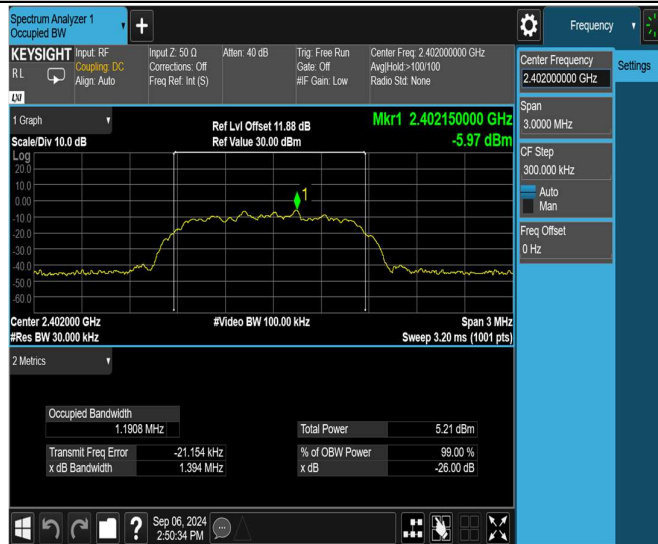
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.88818	2401.5379	2402.4261	---	---
		2441	0.88803	2440.5388	2441.4269	---	---
		2480	0.88744	2479.5387	2480.4261	---	---
2DH5	Ant1	2402	1.1920	2401.3830	2402.5750	---	---
		2441	1.1965	2440.3842	2441.5807	---	---
		2480	1.1950	2479.3817	2480.5767	---	---
3DH5	Ant1	2402	1.2002	2401.3804	2402.5806	---	---
		2441	1.1996	2440.3811	2441.5807	---	---
		2480	1.1997	2479.3804	2480.5801	---	---

Test Graphs

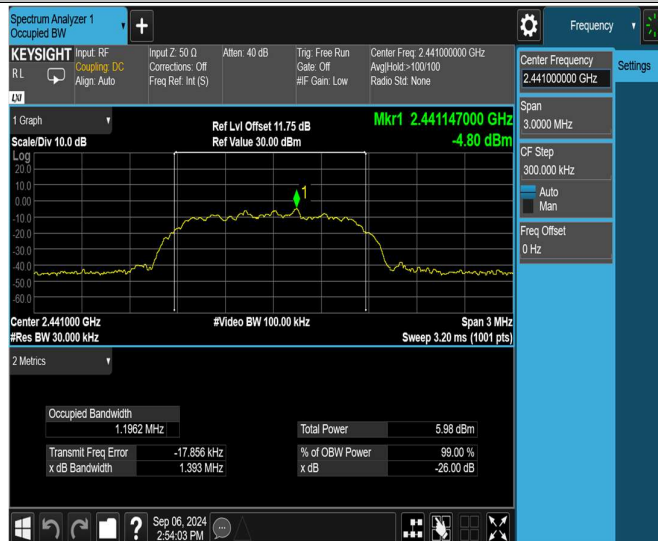




2DH5_Ant1_2402



2DH5_Ant1_2441



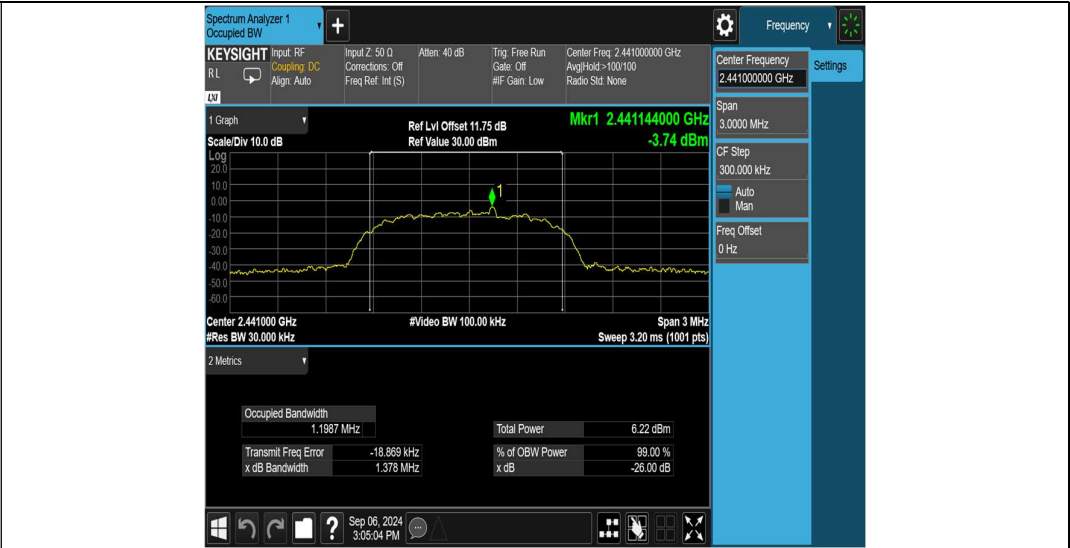
2DH5_Ant1_2480



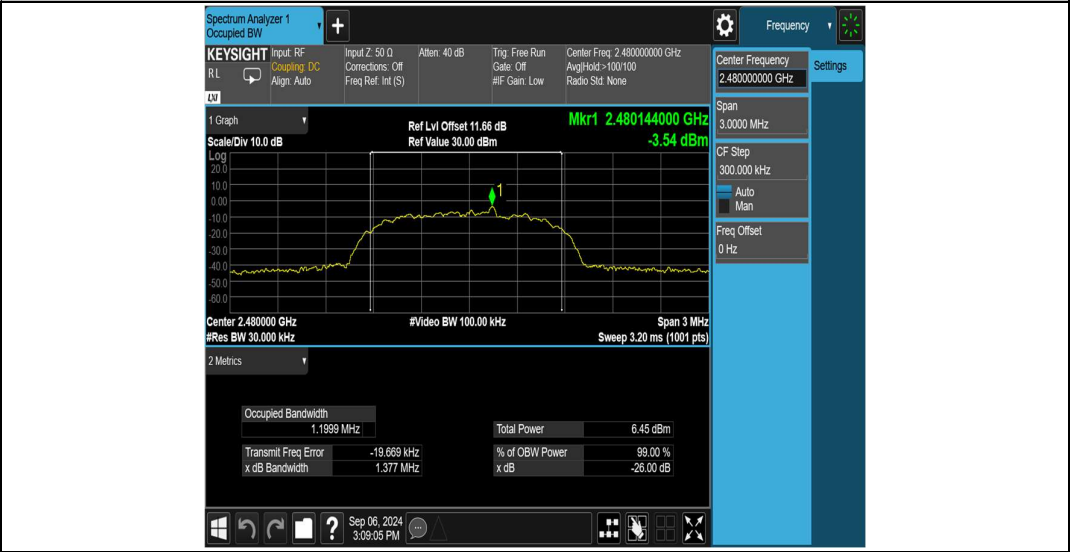
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



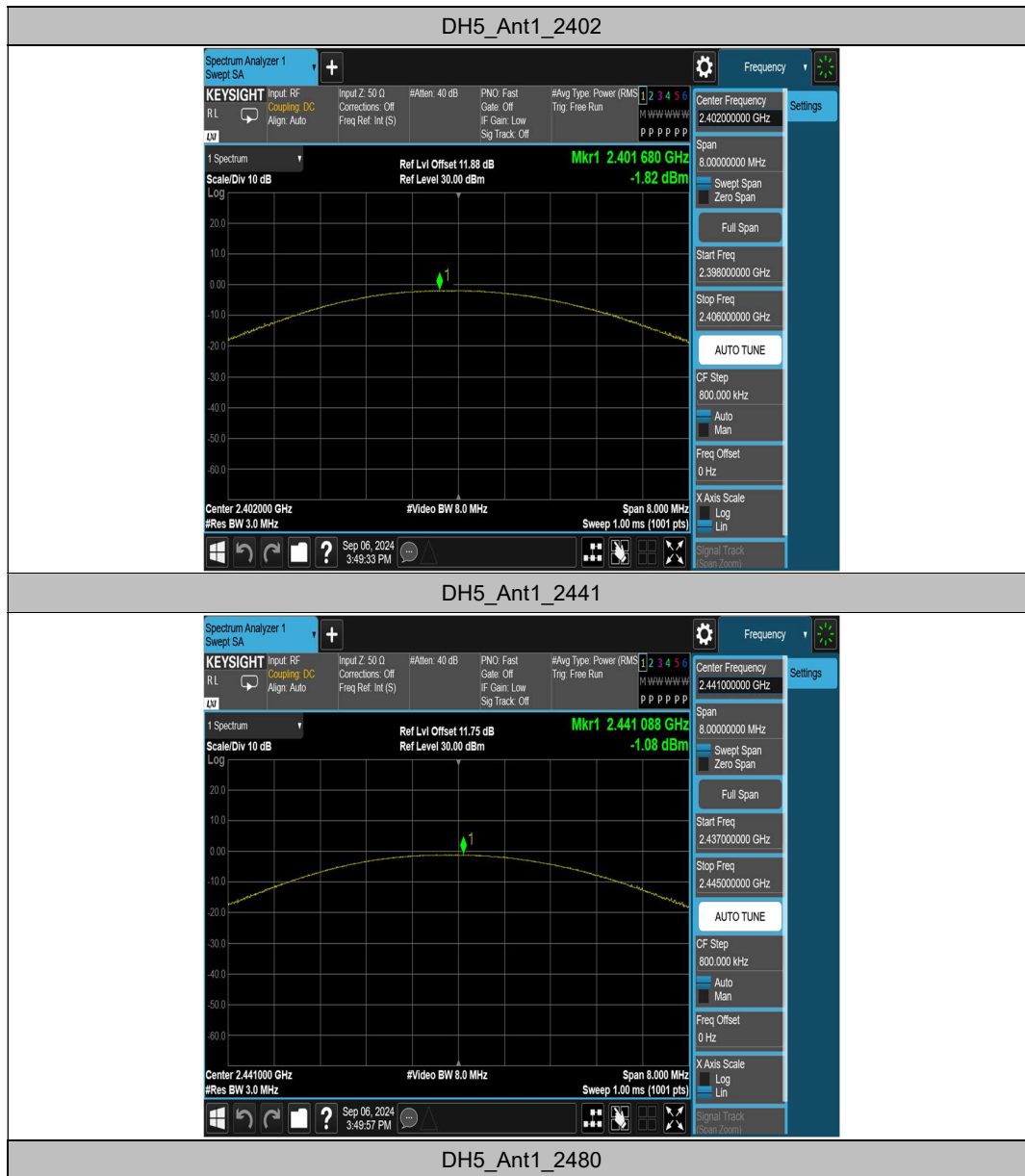
Appendix C: Maximum conducted output power

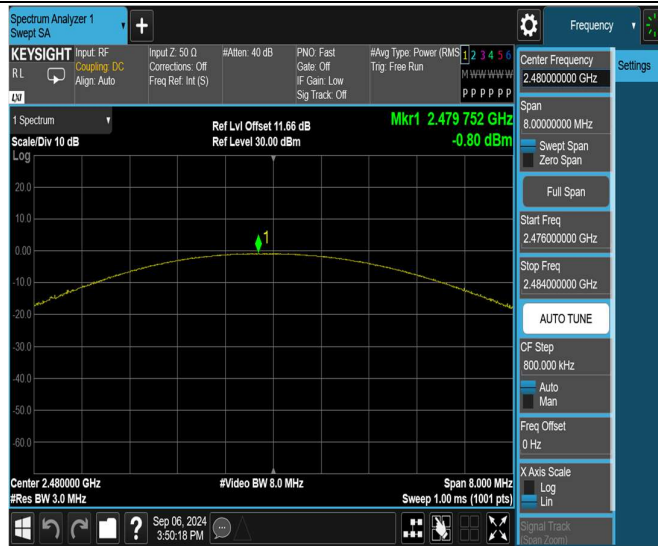
Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
DH5	Ant1	2402	-1.82	≤30	PASS
		2441	-1.08	≤30	PASS
		2480	-0.81	≤30	PASS
2DH5	Ant1	2402	0.38	≤30	PASS
		2441	1.24	≤30	PASS
		2480	1.51	≤30	PASS
3DH5	Ant1	2402	1.03	≤30	PASS
		2441	1.75	≤30	PASS
		2480	2.05	≤30	PASS

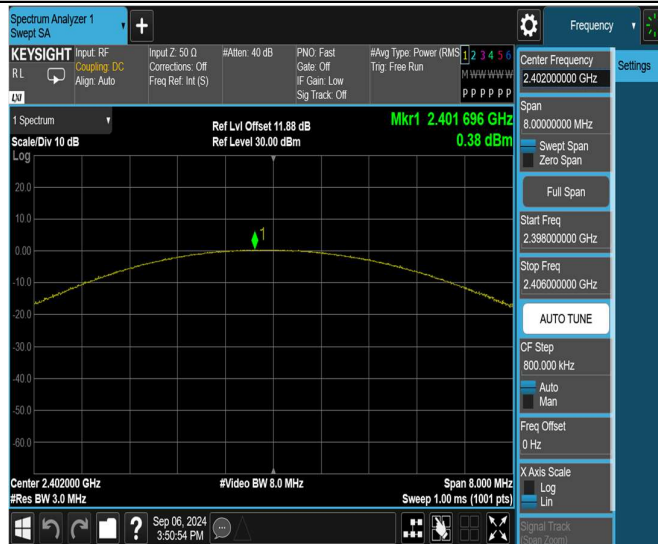
Test Mode	Antenna	Frequency[MHz]	E.I.R.P [dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	0.88	≤36	PASS
		2441	1.62	≤36	PASS
		2480	1.89	≤36	PASS
2DH5	Ant1	2402	3.08	≤36	PASS
		2441	3.94	≤36	PASS
		2480	4.21	≤36	PASS
3DH5	Ant1	2402	3.73	≤36	PASS
		2441	4.45	≤36	PASS
		2480	4.75	≤36	PASS

Test Graphs

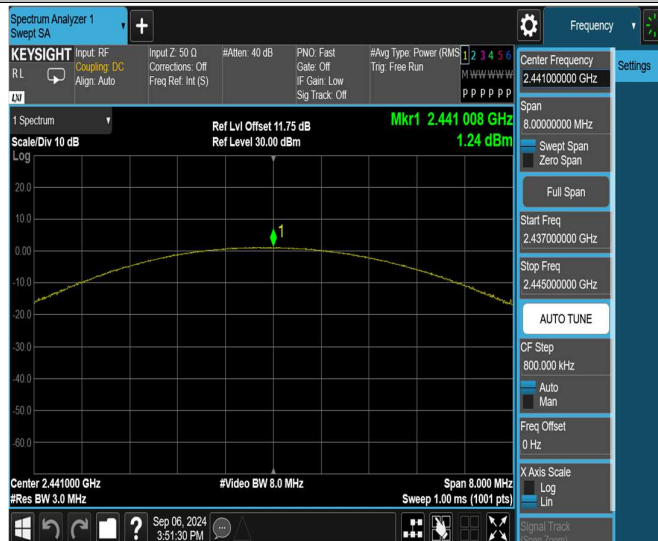




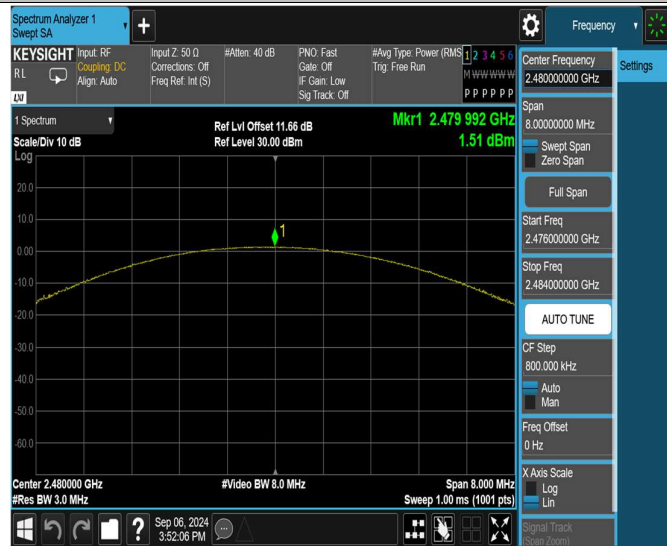
2DH5_Ant1_2402



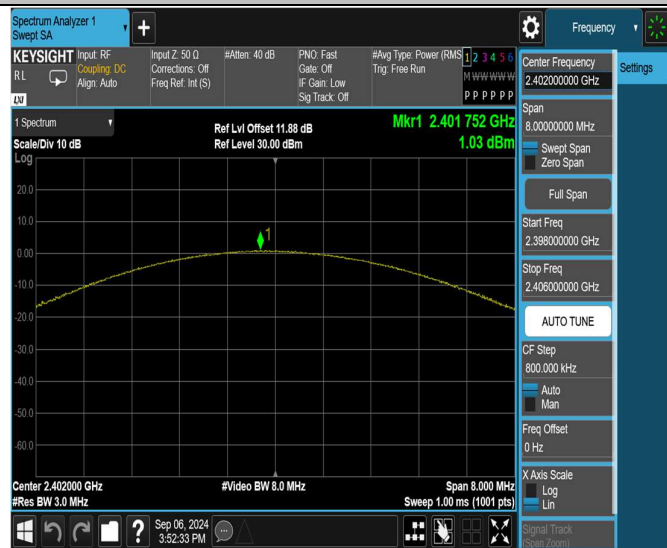
2DH5_Ant1_2441



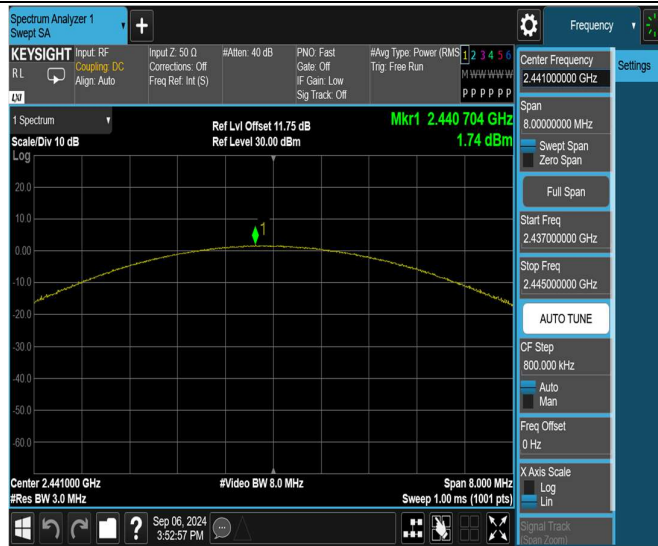
2DH5_Ant1_2480



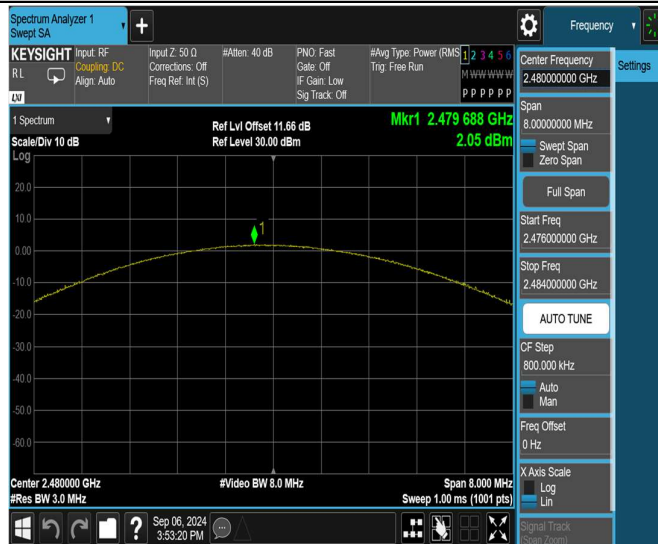
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



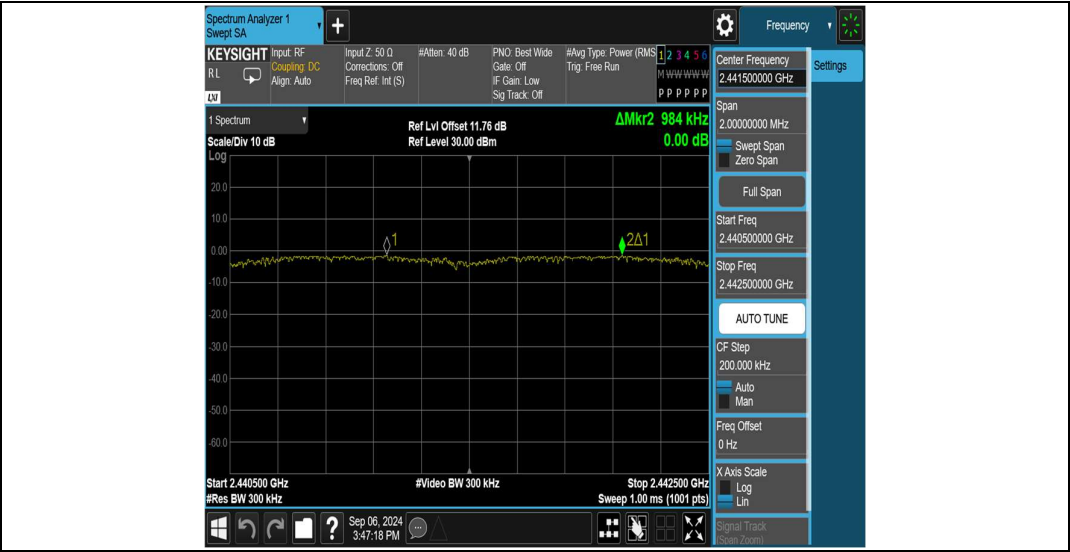
Appendix D: Carrier frequency separation

Test Result

TestMode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1.014	≥ 0.686	PASS
2DH5	Ant1	Hop	1.03	≥ 0.894	PASS
3DH5	Ant1	Hop	0.984	≥ 0.878	PASS

Test Graphs



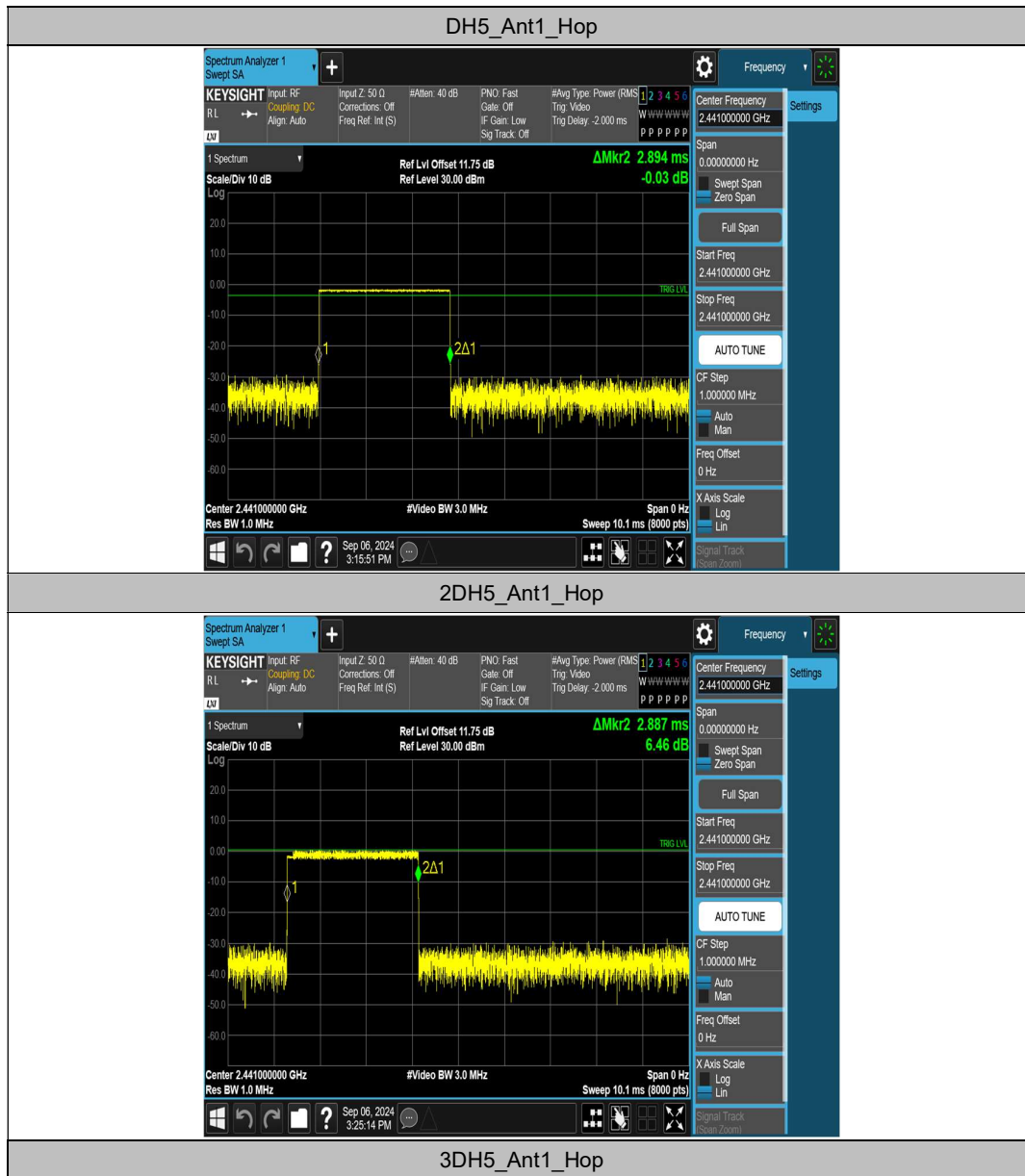


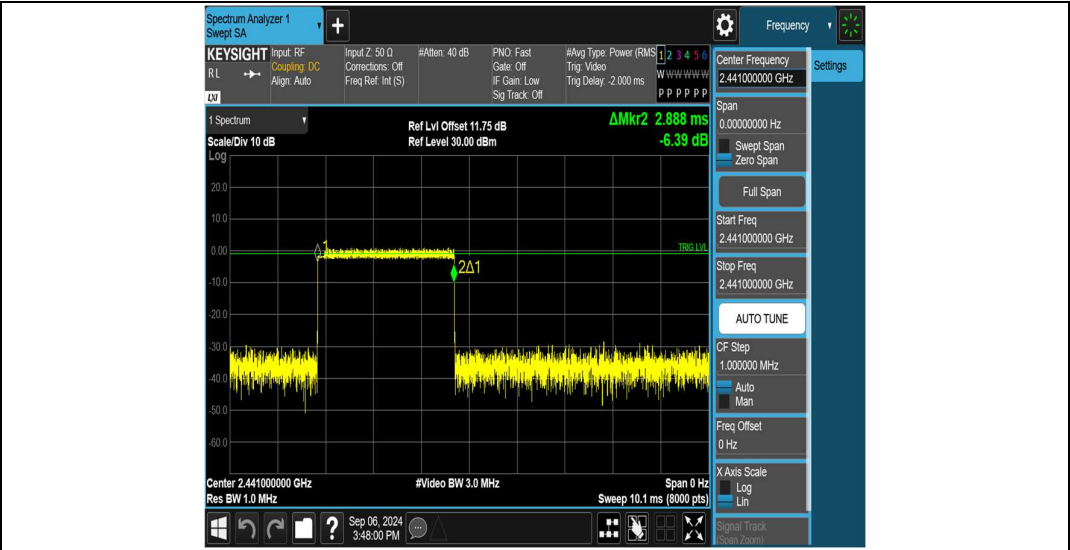
Appendix E: Time of occupancy

Test Result

TestMode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.894	106.67	0.309	≤0.4	PASS
2DH5	Ant1	Hop	2.887	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.888	106.67	0.308	≤0.4	PASS

Test Graphs





Appendix F: Number of hopping channels

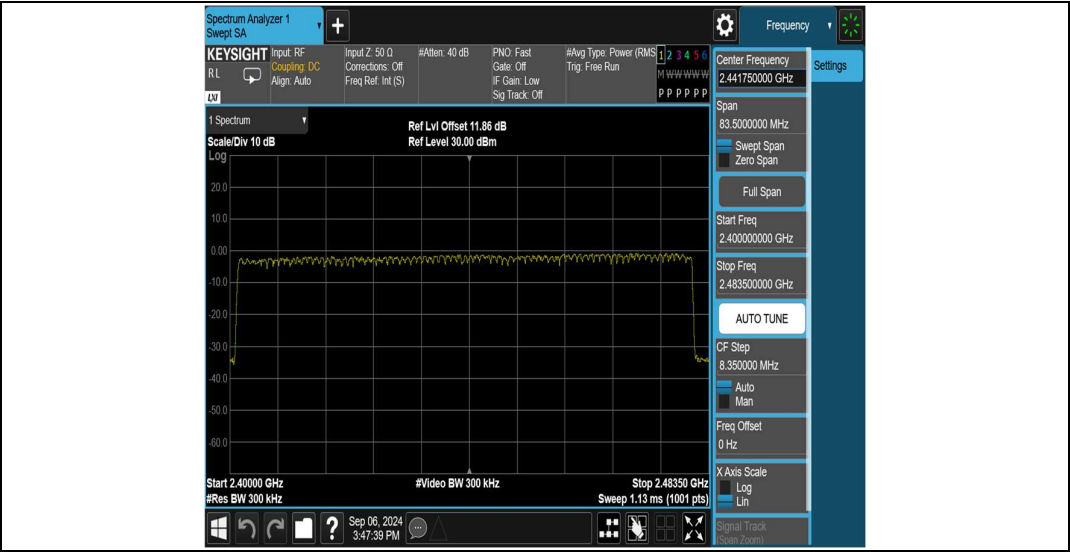
Test Result

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

The top screenshot shows the Spectrum Analyzer interface for the 2DH5_Ant1_Hop signal. The main display shows a spectrum plot with a peak level of 11.86 dB. The frequency range is from 2.400000 GHz to 2.483500 GHz with a resolution bandwidth of 300 kHz. The signal is identified as 2DH5_Ant1_Hop.

The bottom screenshot shows the Spectrum Analyzer interface for the 2DH5_Ant1_Hop signal. The main display shows a spectrum plot with a peak level of 11.66 dB. The frequency range is from 2.400000 GHz to 2.483500 GHz with a resolution bandwidth of 300 kHz. The signal is identified as 2DH5_Ant1_Hop.

3DH5_Ant1_Hop



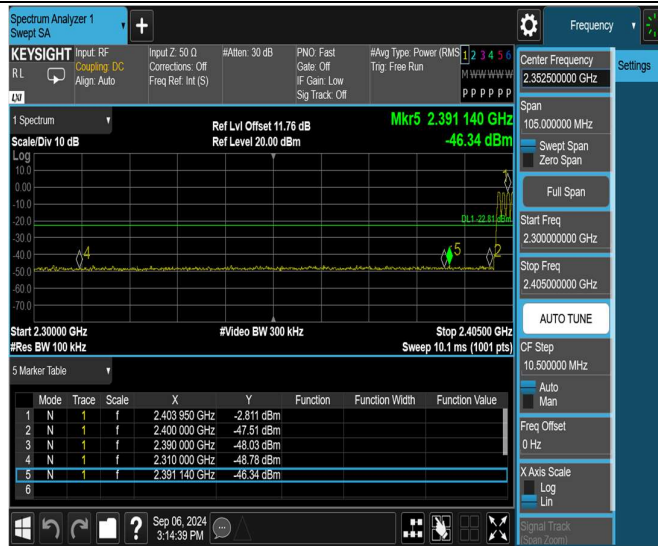
Appendix G: Band edge measurements

Test Result

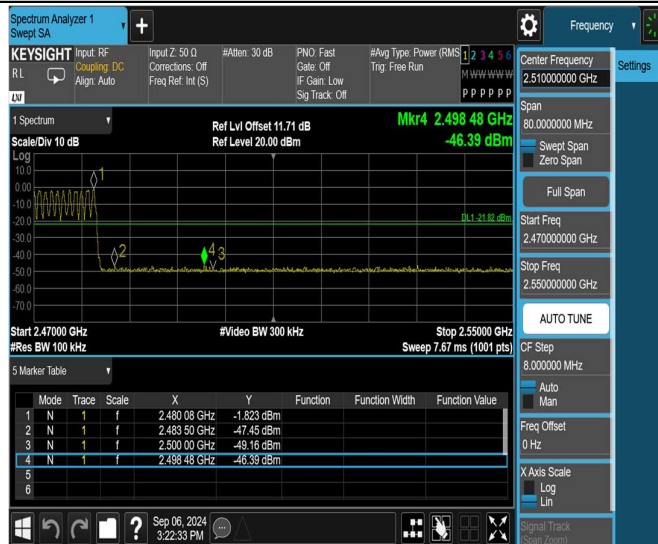
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	-2.72	-47.14	≤ -22.72	PASS
		High	2480	-1.68	-45.86	≤ -21.68	PASS
		Low	Hop_2402	-2.81	-46.34	≤ -22.81	PASS
		High	Hop_2480	-1.82	-46.39	≤ -21.82	PASS
2DH5	Ant1	Low	2402	-2.49	-46.38	≤ -22.49	PASS
		High	2480	-1.49	-46.63	≤ -21.49	PASS
		Low	Hop_2402	-3.04	-46.33	≤ -23.04	PASS
		High	Hop_2480	-1.96	-45.71	≤ -21.96	PASS
3DH5	Ant1	Low	2402	-2.75	-45.74	≤ -22.75	PASS
		High	2480	-1.41	-47.05	≤ -21.41	PASS
		Low	Hop_2402	-2.68	-45.22	≤ -22.68	PASS
		High	Hop_2480	-1.32	-45.99	≤ -21.32	PASS

Test Graphs





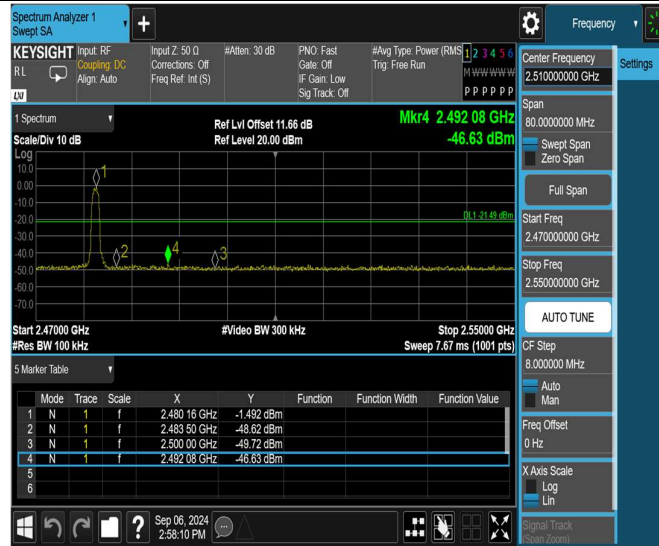
DH5_Ant1_High_Hop_2480



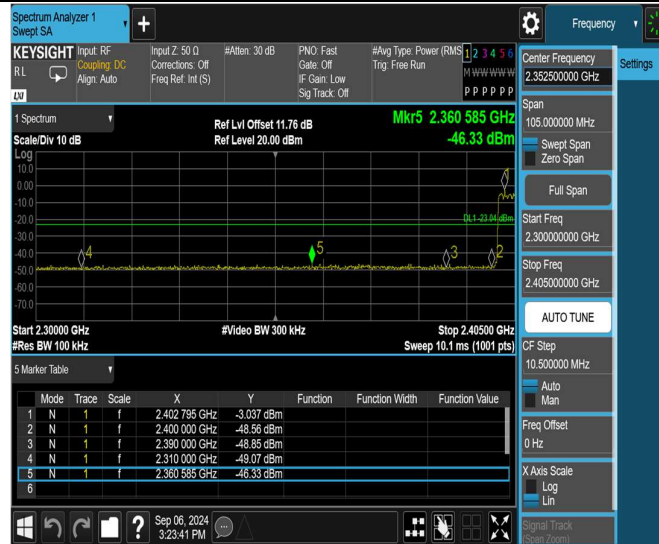
2DH5_Ant1_Low_2402



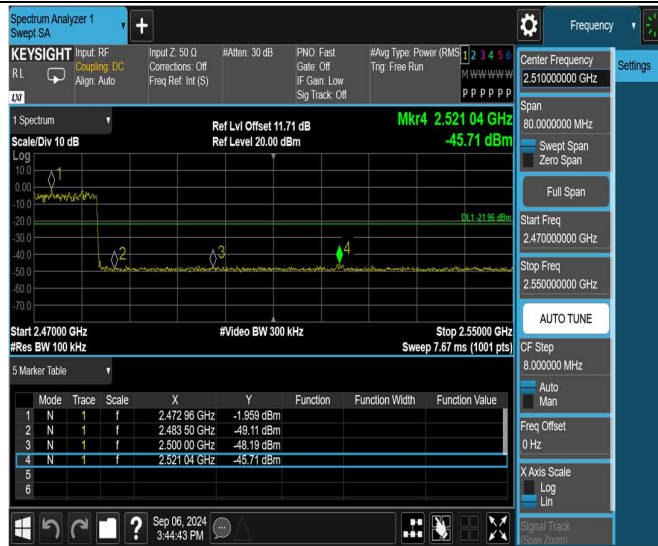
2DH5_Ant1_High_2480



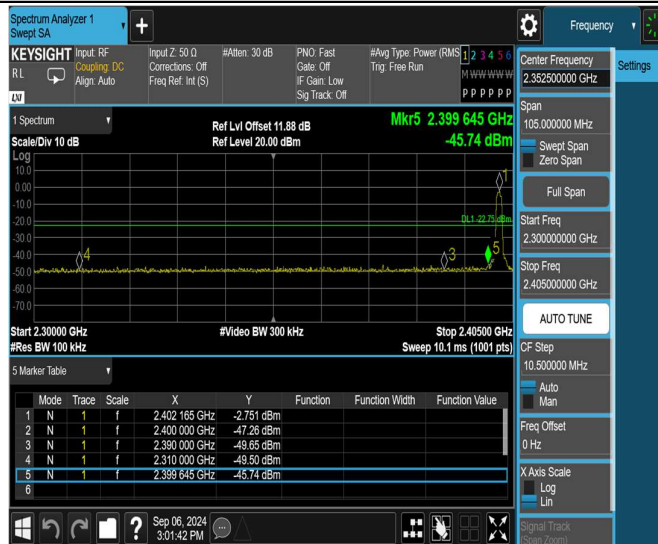
2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480



3DH5_Ant1_Low_2402



3DH5_Ant1_High_2480

