Appendix A: Test Results of Bluetooth BR/EDR mode

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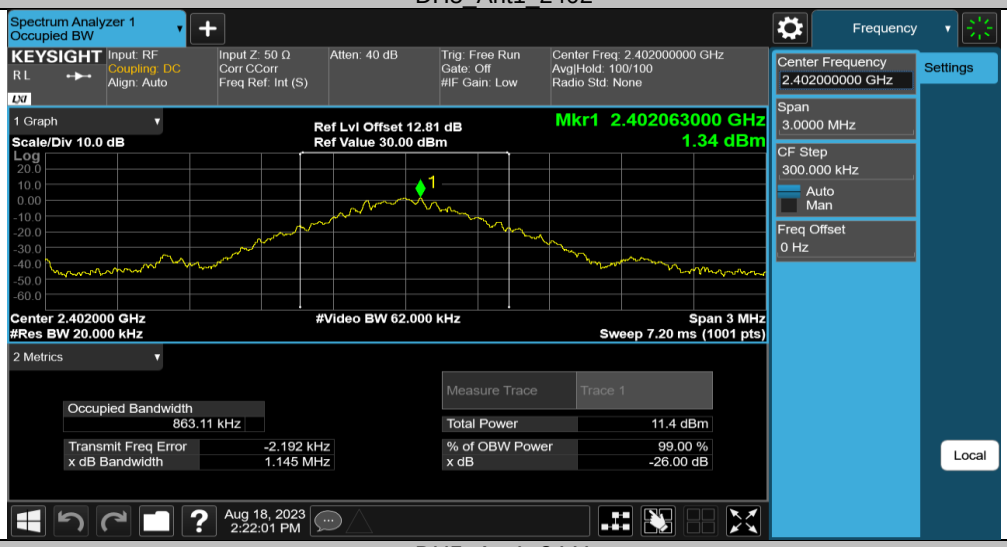
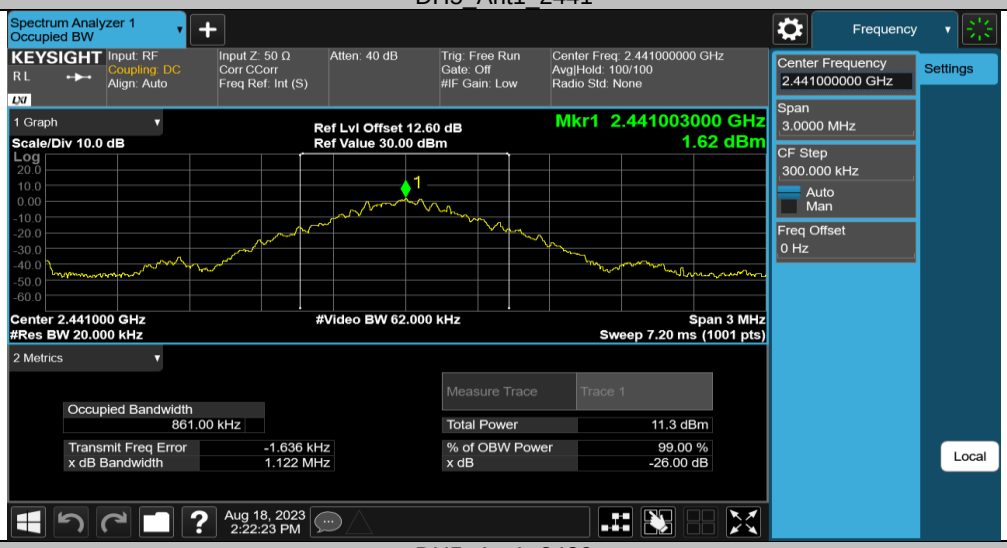
Appendix A.1: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.86311	2401.5663	2402.4294	---	---
		2441	0.86100	2440.5679	2441.4289	---	---
		2480	0.86212	2479.5690	2480.4312	---	---
3DH5	Ant1	2402	1.1985	2401.3949	2402.5934	---	---
		2441	1.1974	2440.3953	2441.5927	---	---
		2480	1.1960	2479.3978	2480.5938	---	---

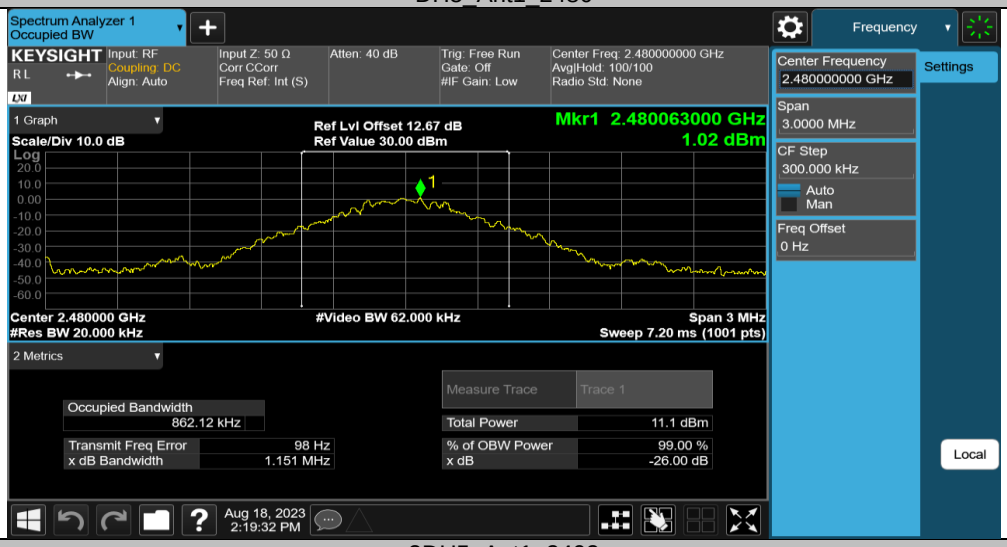
DH5_Ant1_2402



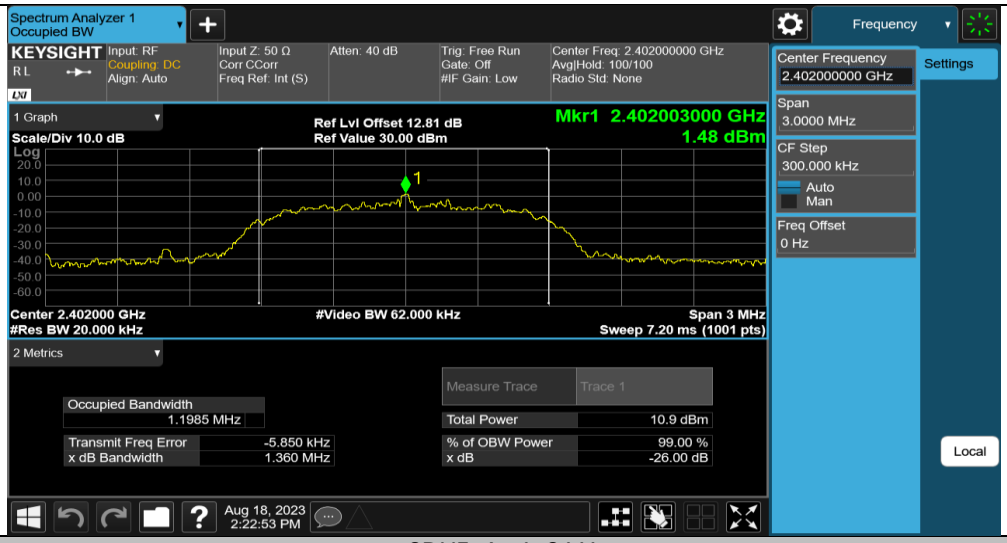
DH5_Ant1_2441



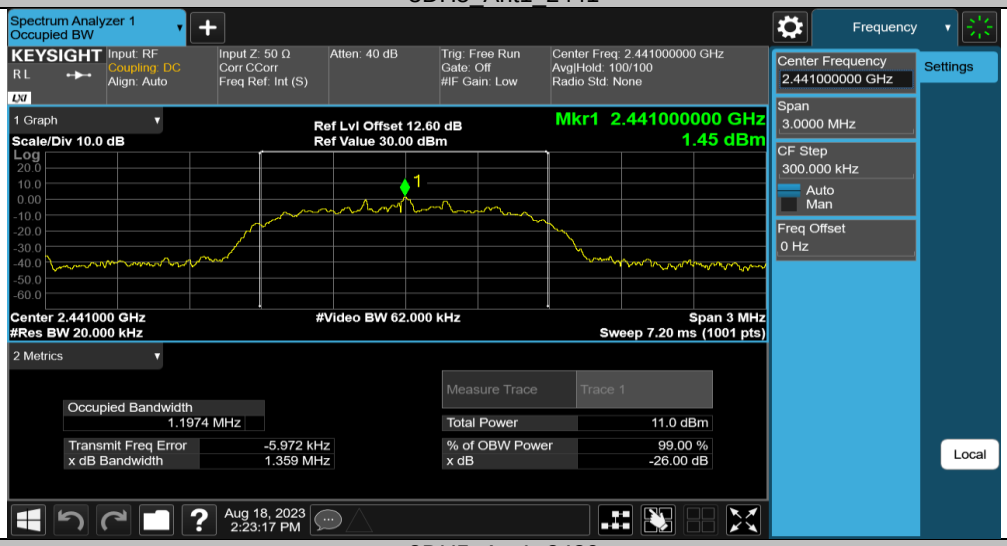
DH5_Ant1_2480



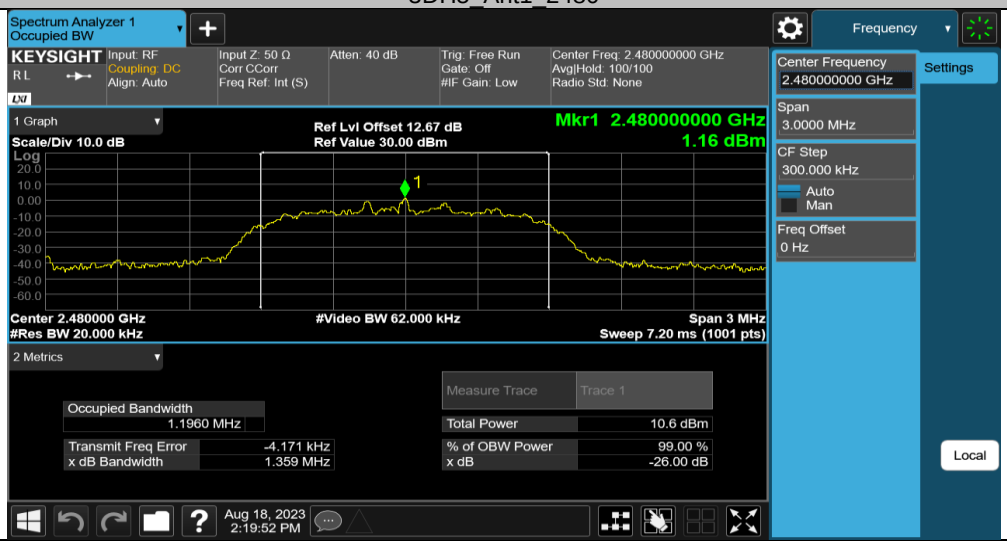
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix A.2: Test Results of 20dB Bandwidth

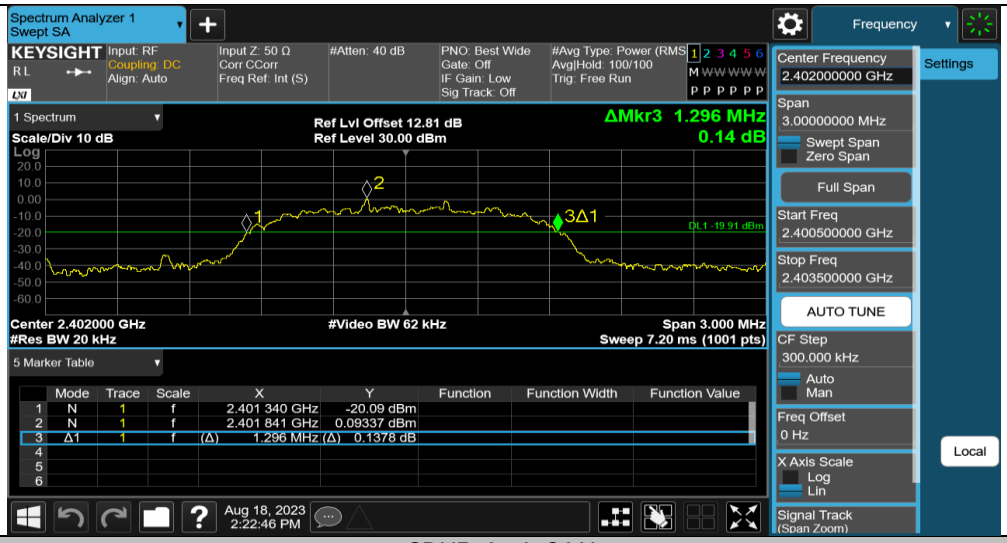
TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.939	2401.544	2402.483	---	---
		2441	0.939	2440.544	2441.483	---	---
		2480	0.939	2479.547	2480.486	---	---
3DH5	Ant1	2402	1.296	2401.340	2402.636	---	---
		2441	1.317	2440.340	2441.657	---	---
		2480	1.260	2479.364	2480.624	---	---

DH5_Ant1_2402

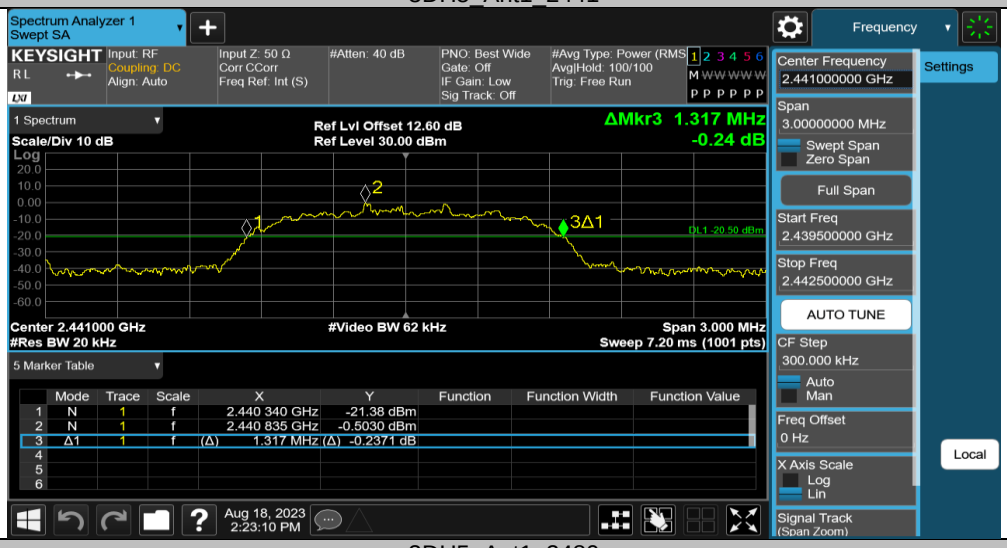
DH5_Ant1_2441

DH5_Ant1_2480

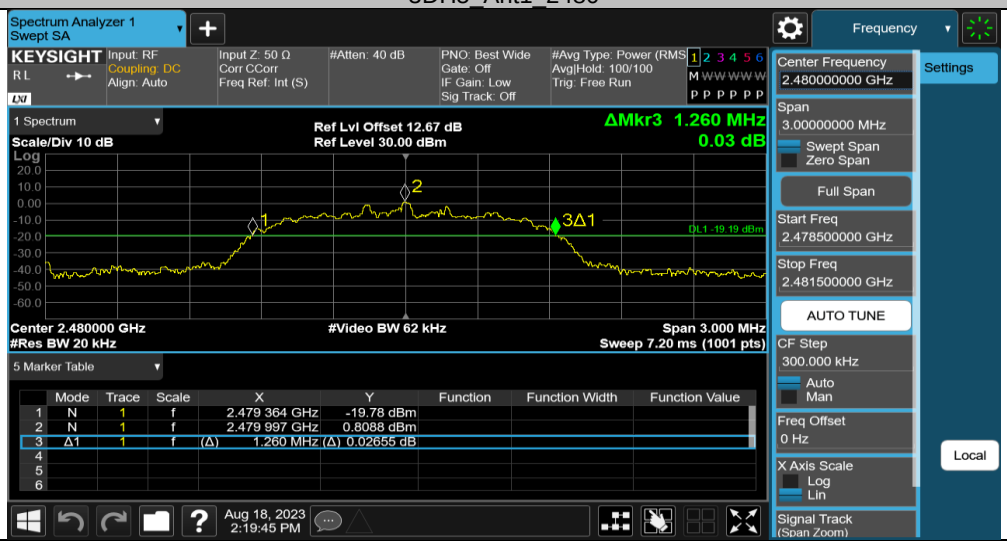
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480



Appendix A.3: Test Results of Carrier Frequency Separation

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	1	≥0.804	PASS
3DH5	Ant1	Hop	1	≥0.804	PASS

DH5_Ant1_Hop

3DH5_Ant1_Hop

Appendix A.4: Test Results of Number of Hopping Frequency

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

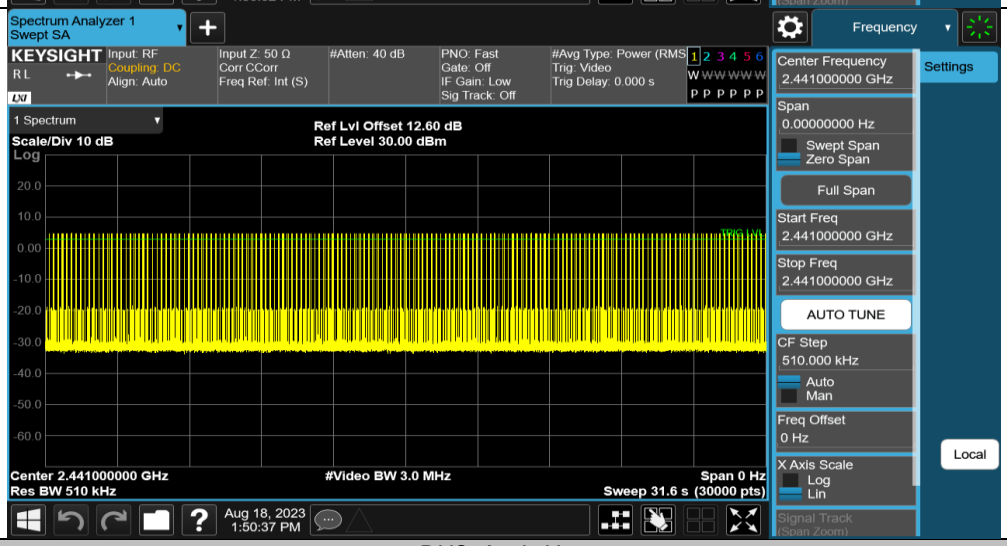
DH5_Ant1_Hop

3DH5_Ant1_Hop

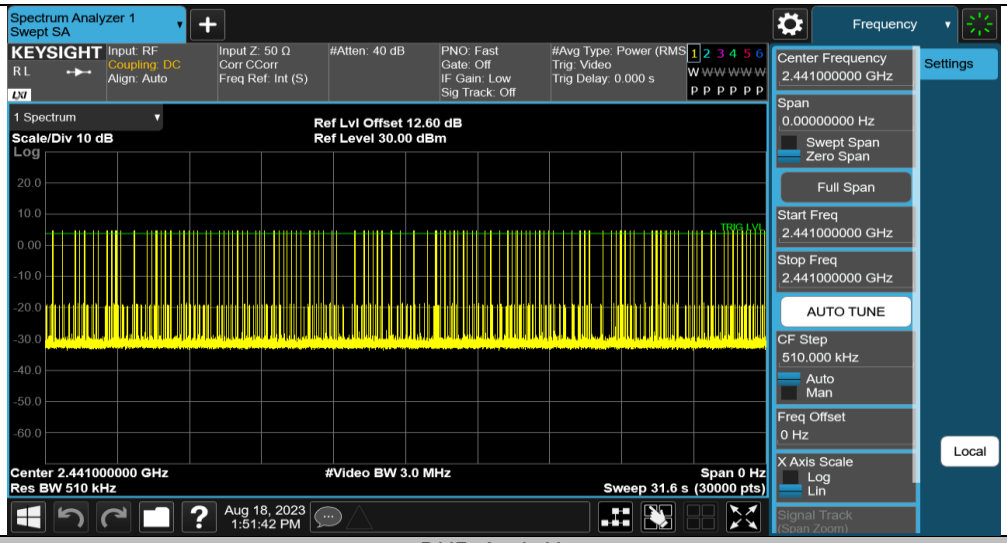
Appendix A.5: Test Results of Time of Occupancy

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.381	319	0.122	≤0.4	PASS
DH3	Ant1	Hop	1.638	154	0.252	≤0.4	PASS
DH5	Ant1	Hop	2.885	102	0.294	≤0.4	PASS
3DH1	Ant1	Hop	0.390	318	0.124	≤0.4	PASS
3DH3	Ant1	Hop	1.642	155	0.255	≤0.4	PASS
3DH5	Ant1	Hop	2.892	103	0.298	≤0.4	PASS

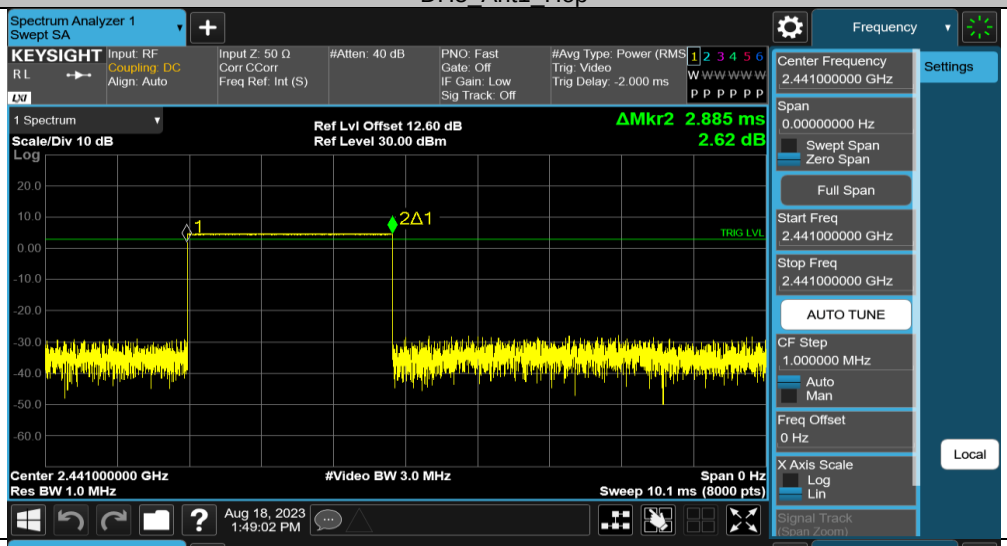
DH1_Ant1_Hop

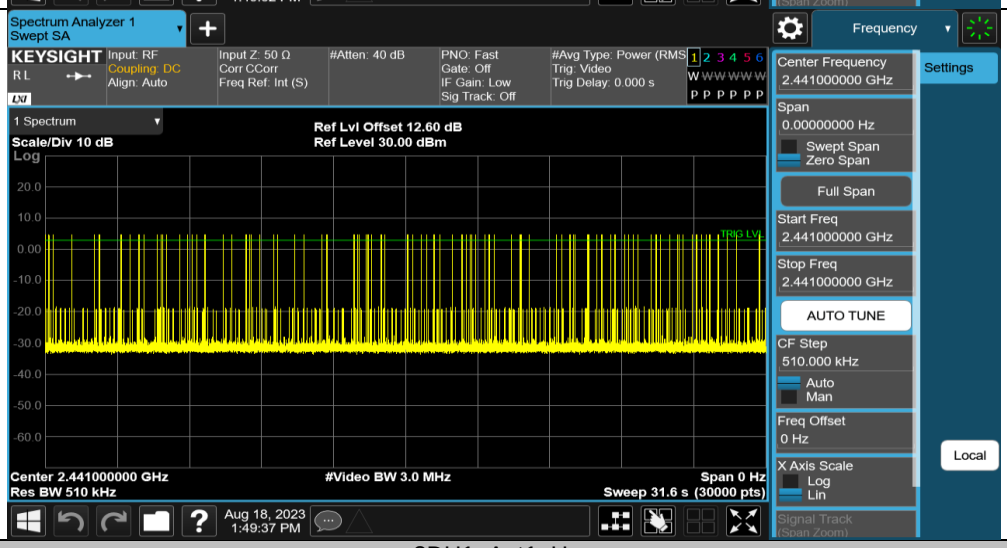


DH3_Ant1_Hop

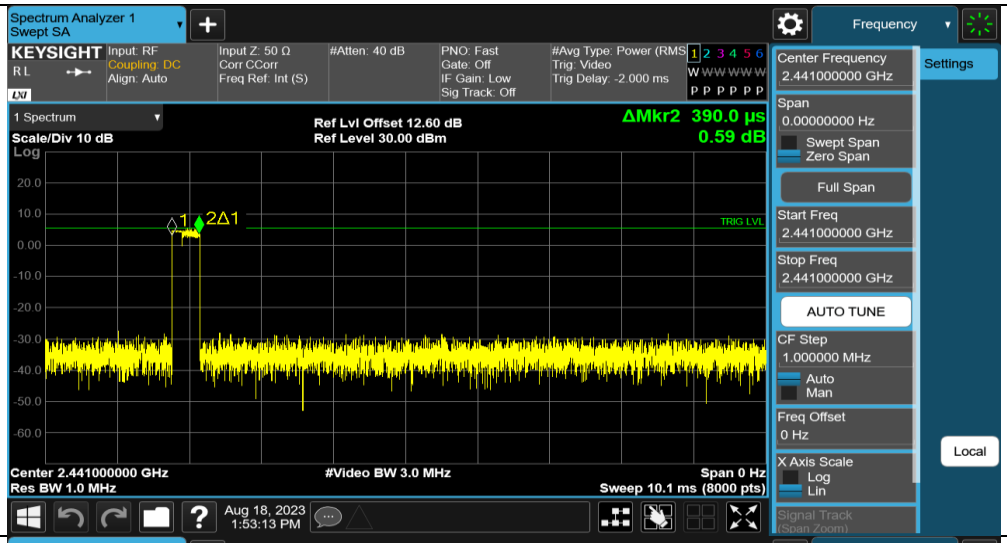


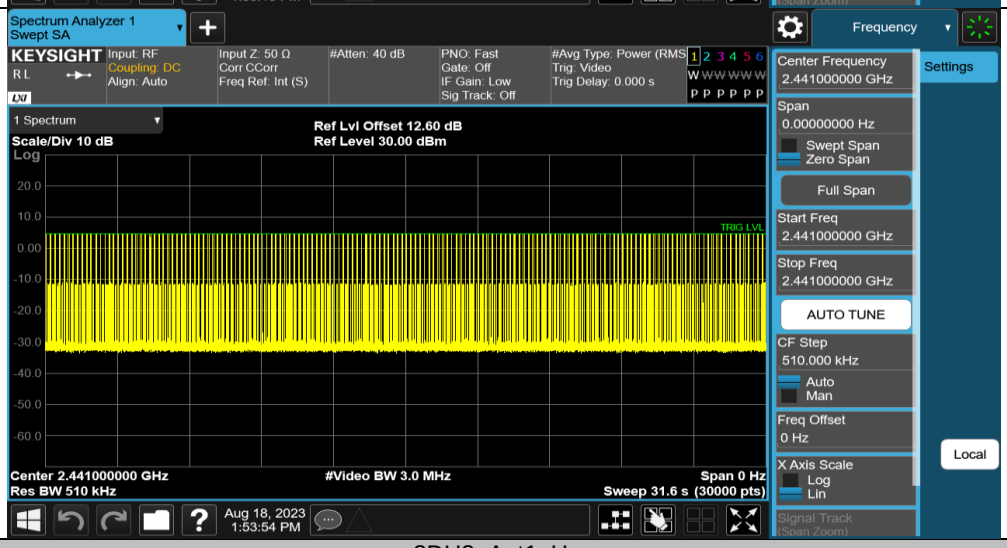
DH5_Ant1_Hop



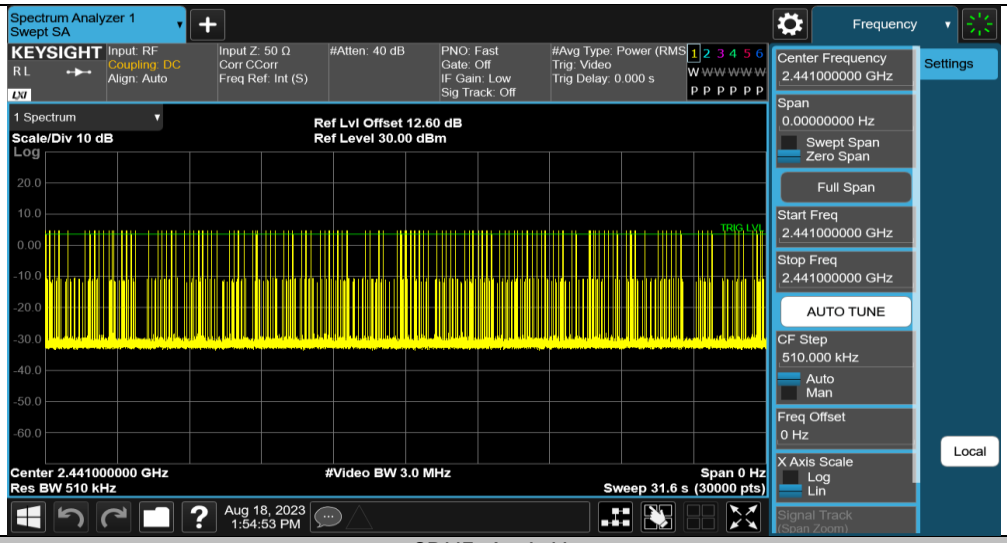


3DH1_Ant1_Hop

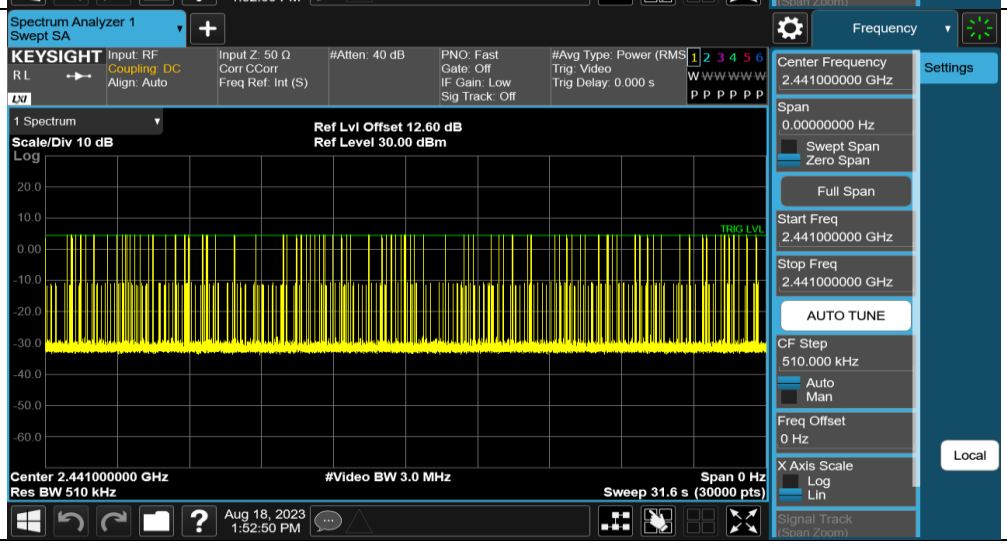




3DH3_Ant1_Hop



3DH5_Ant1_Hop



Appendix A.6: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	6.07	-38.4	≤-13.93	PASS
		High	2480	5.65	-37.24	≤-14.35	PASS
3DH5	Ant1	Low	2402	6.183	-43.3	≤-13.82	PASS
		High	2480	5.873	-38.23	≤-14.13	PASS
DH5	Ant1	Hopping	2402	5.064	-44.02	≤-14.94	PASS
		Hopping	2480	5.938	-42.18	≤-14.06	PASS
3DH5	Ant1	Hopping	2402	1.926	-50	≤-18.07	PASS
		Hopping	2480	1.643	-50.62	≤-18.36	PASS

DH5_Ant1_Low_2402

DH5_Ant1_High_2480

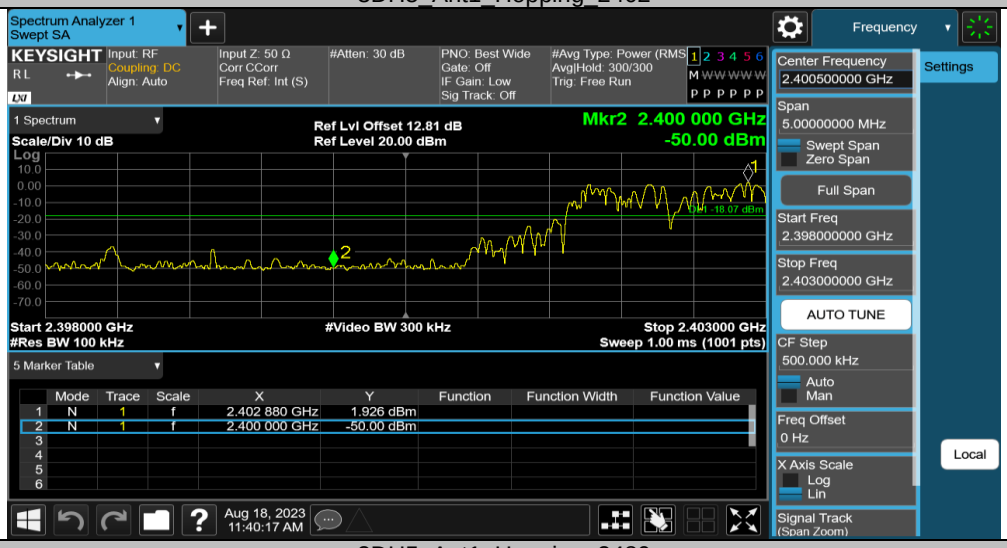
3DH5_Ant1_Low_2402

3DH5_Ant1_High_2480

DH5_Ant1_Hopping_2402

DH5_Ant1_Hopping_2480

3DH5_Ant1_Hopping_2402



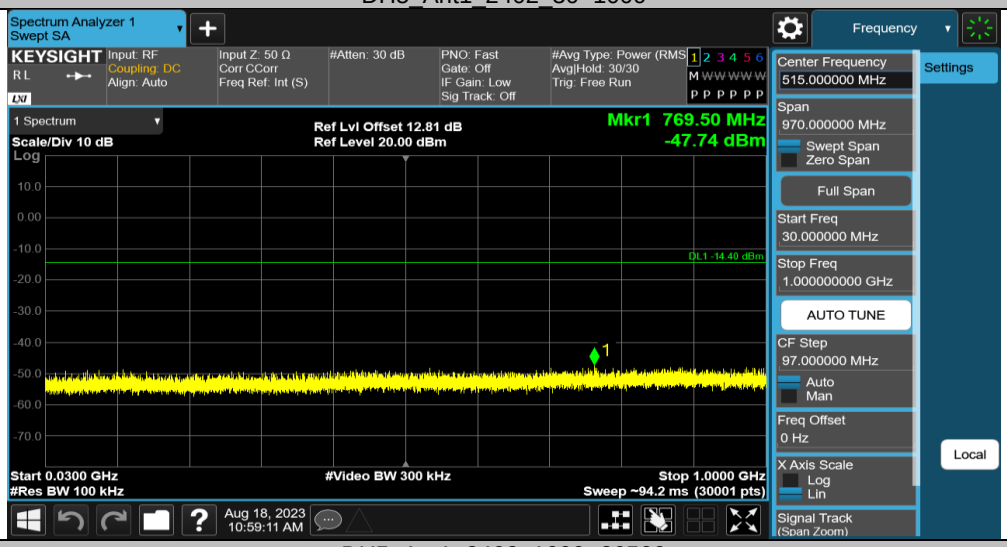
3DH5_Ant1_Hopping_2480

Conducted Spurious Emission

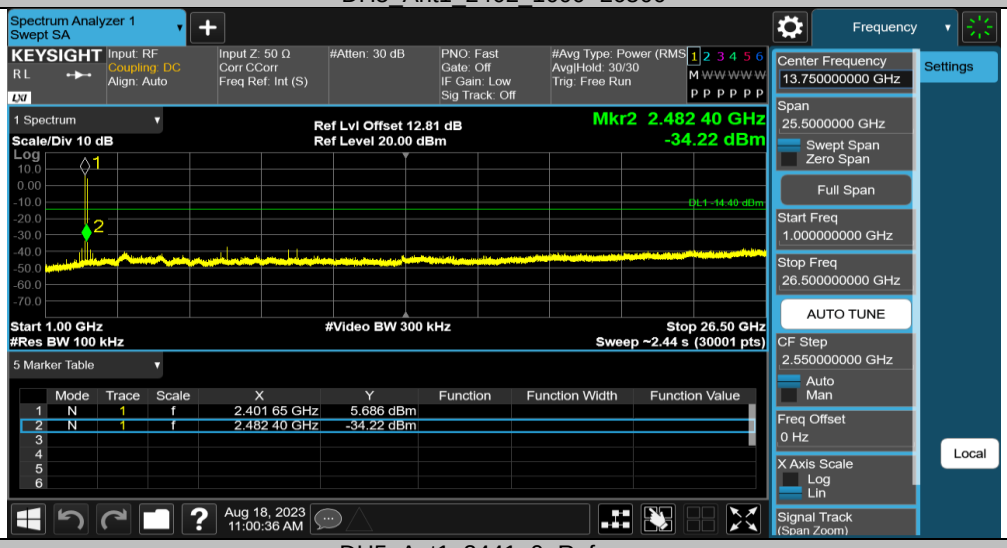
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	2402	Reference	5.60	5.60	---	PASS
			30~1000	5.60	-47.74	≤-14.4	PASS
			1000~26500	5.60	-34.22	≤-14.4	PASS
		2441	Reference	6.03	6.03	---	PASS
			30~1000	6.03	-46.53	≤-13.97	PASS
			1000~26500	6.03	-37.33	≤-13.97	PASS
		2480	Reference	5.87	5.87	---	PASS
			30~1000	5.87	-47.44	≤-14.13	PASS
			1000~26500	5.87	-36	≤-14.13	PASS
3DH5	Ant1	2402	Reference	5.90	5.90	---	PASS
			30~1000	5.90	-46.84	≤-14.1	PASS
			1000~26500	5.90	-34.48	≤-14.1	PASS
		2441	Reference	5.73	5.73	---	PASS
			30~1000	5.73	-46.38	≤-14.27	PASS
			1000~26500	5.73	-36.68	≤-14.27	PASS
		2480	Reference	5.84	5.84	---	PASS
			30~1000	5.84	-46.93	≤-14.16	PASS
			1000~26500	5.84	-36.67	≤-14.16	PASS

DH5_Ant1_2402_0~Reference

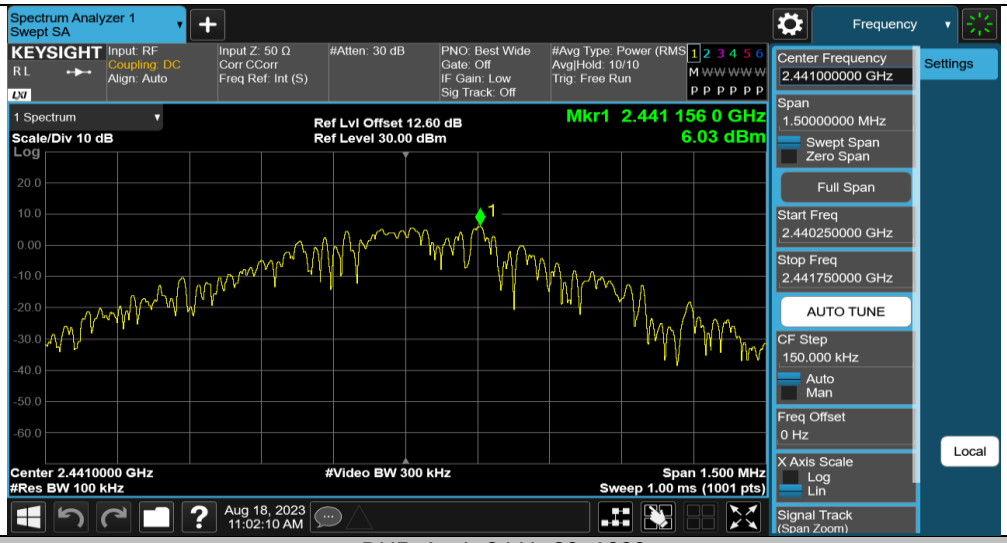
DH5_Ant1_2402_30~1000



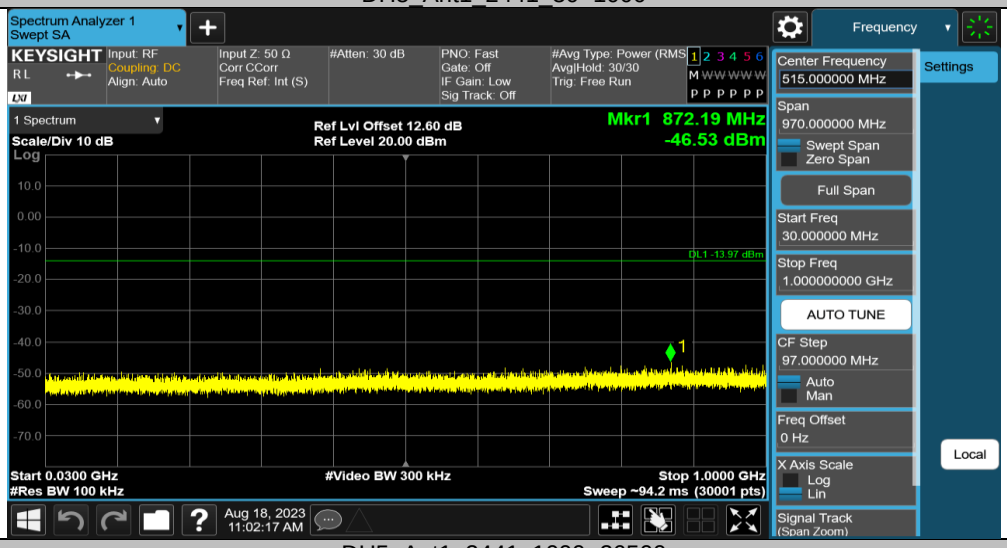
DH5_Ant1_2402_1000~26500



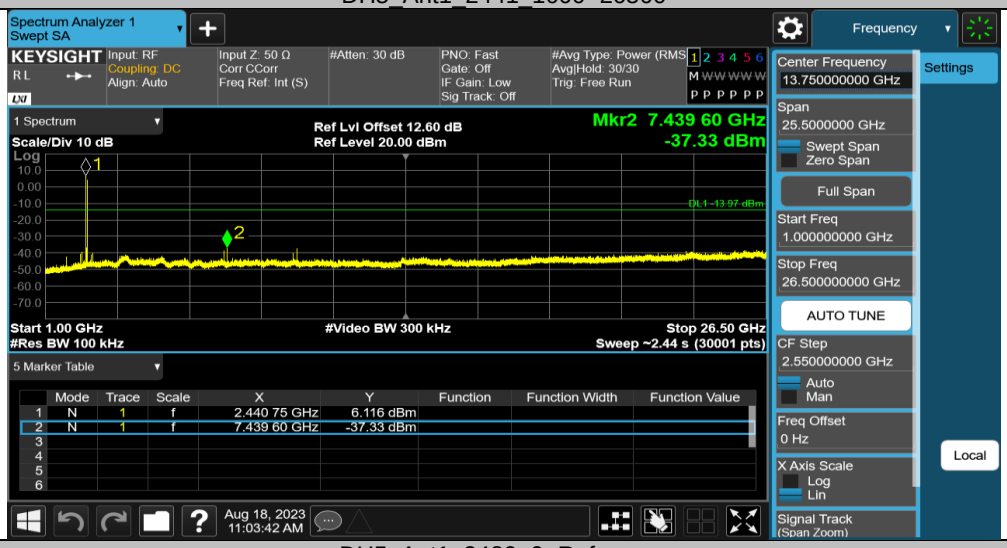
DH5_Ant1_2441_0~Reference



DH5_Ant1_2441_30~1000

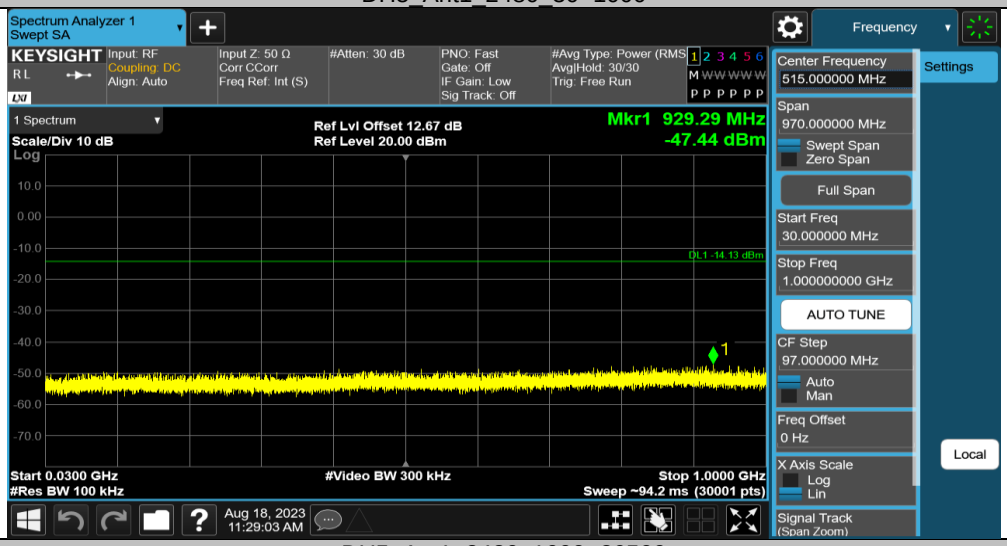


DH5_Ant1_2441_1000~26500

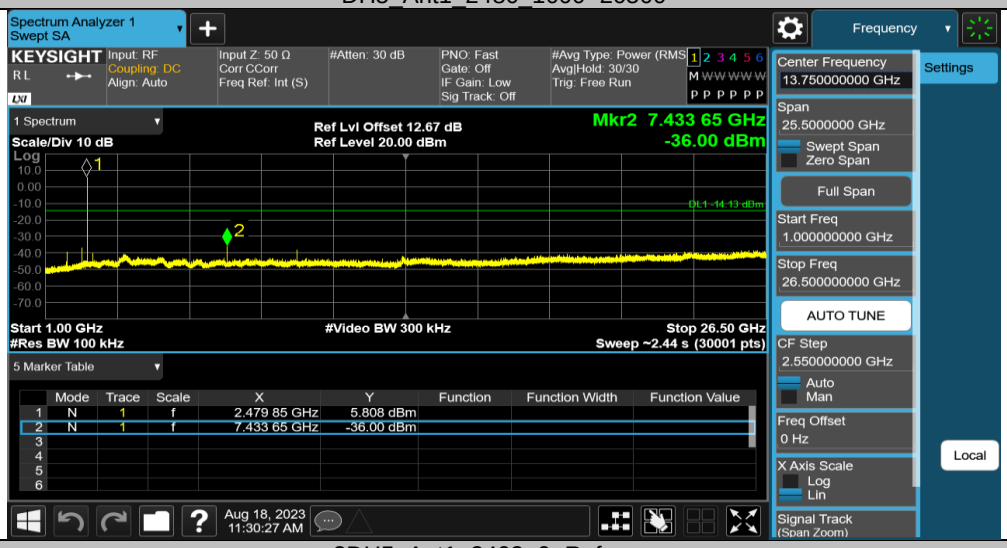


DH5_Ant1_2480_0~Reference

DH5_Ant1_2480_30~1000



DH5_Ant1_2480_1000~26500



3DH5_Ant1_2402_0~Reference