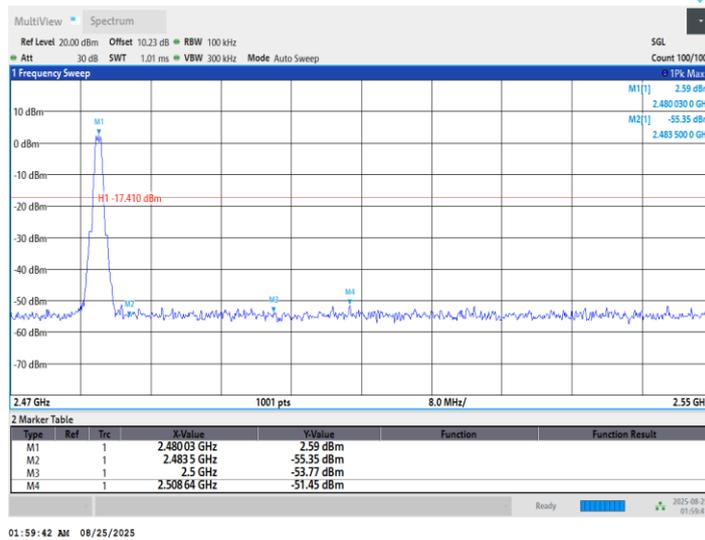


01:47:43 AM 08/25/2025

BLE_500K_Ant4_High_2480



01:59:42 AM 08/25/2025



CONDUCTED SPURIOUS EMISSION

TEST RESULT

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant4	2402	Reference	5.77	5.77	---	PASS
			30~1000	5.77	-60	≤-14.23	PASS
			1000~26500	5.77	-51.73	≤-14.23	PASS
		2440	Reference	5.57	5.57	---	PASS
			30~1000	5.57	-60.03	≤-14.43	PASS
			1000~26500	5.57	-52	≤-14.43	PASS
		2480	Reference	4.40	4.40	---	PASS
			30~1000	4.40	-35.55	≤-15.6	PASS
			1000~26500	4.40	-48.16	≤-15.6	PASS
BLE_2M	Ant4	2404	Reference	3.32	3.32	---	PASS
			30~1000	3.32	-60.05	≤-16.68	PASS
			1000~26500	3.32	-52.14	≤-16.68	PASS
		2440	Reference	3.27	3.27	---	PASS
			30~1000	3.27	-59.44	≤-16.73	PASS
			1000~26500	3.27	-52.55	≤-16.73	PASS
		2478	Reference	3.22	3.22	---	PASS
			30~1000	3.22	-60.5	≤-16.78	PASS
			1000~26500	3.22	-52.15	≤-16.78	PASS
BLE_125K	Ant4	2402	Reference	4.86	4.86	---	PASS
			30~1000	4.86	-59.79	≤-15.14	PASS
			1000~26500	4.86	-52.36	≤-15.14	PASS
		2440	Reference	5.87	5.87	---	PASS
			30~1000	5.87	-59.34	≤-14.13	PASS
			1000~26500	5.87	-51.58	≤-14.13	PASS
		2480	Reference	5.07	5.07	---	PASS
			30~1000	5.07	-60.48	≤-14.93	PASS
			1000~26500	5.07	-52.27	≤-14.93	PASS
BLE_500K	Ant4	2402	Reference	3.20	3.20	---	PASS
			30~1000	3.20	-60.1	≤-16.8	PASS
			1000~26500	3.20	-51.52	≤-16.8	PASS
		2440	Reference	3.20	3.20	---	PASS
			30~1000	3.20	-59.91	≤-16.8	PASS

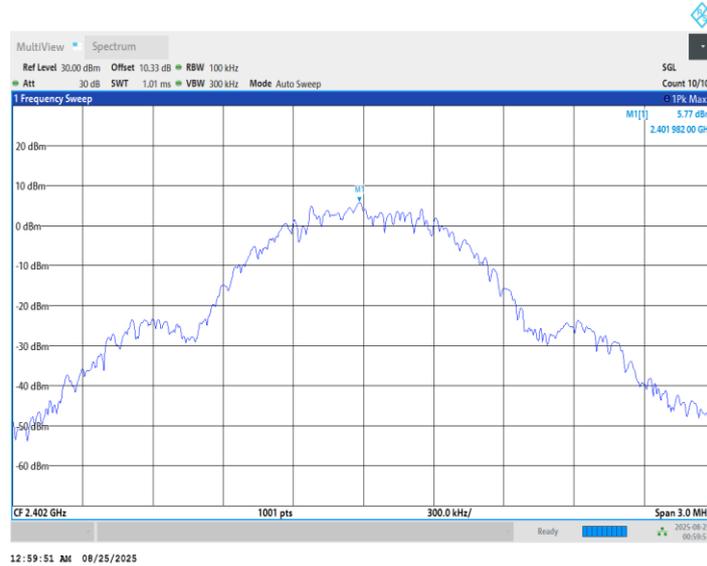


			1000~26500	3.20	-51.59	≤ -16.8	PASS
		2480	Reference	2.42	2.42	---	PASS
			30~1000	2.42	-60.87	≤ -17.58	PASS
			1000~26500	2.42	-52.54	≤ -17.58	PASS

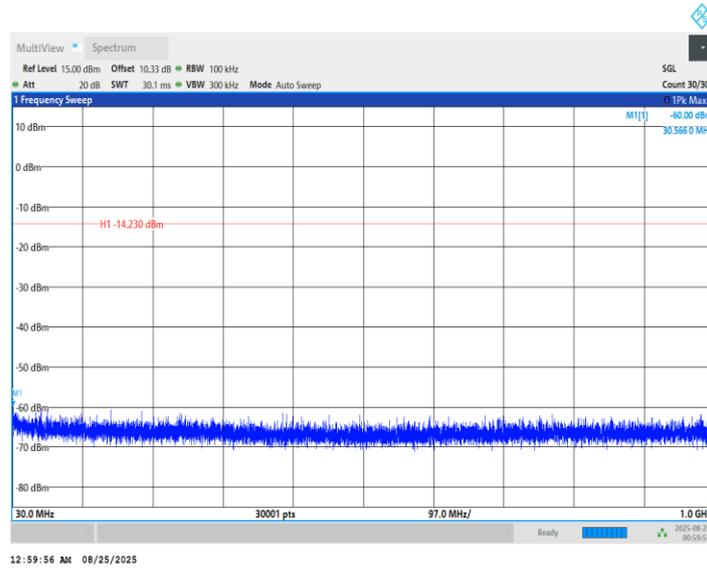


TEST GRAPHS

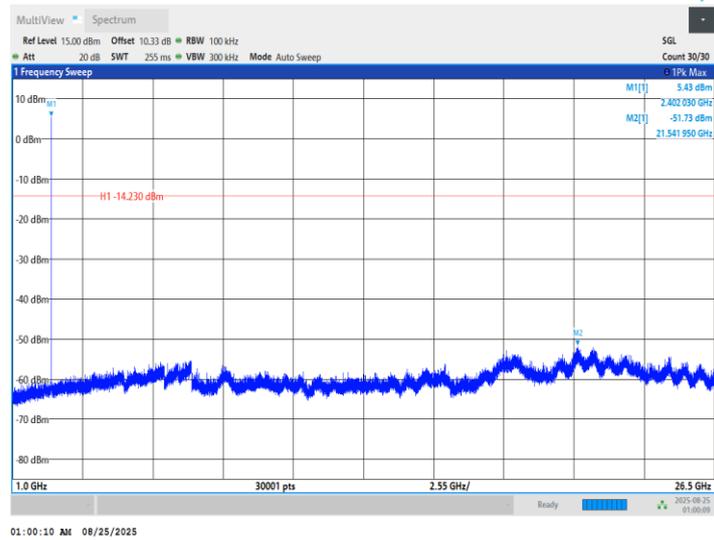
BLE_1M_Ant4_2402_0~Reference



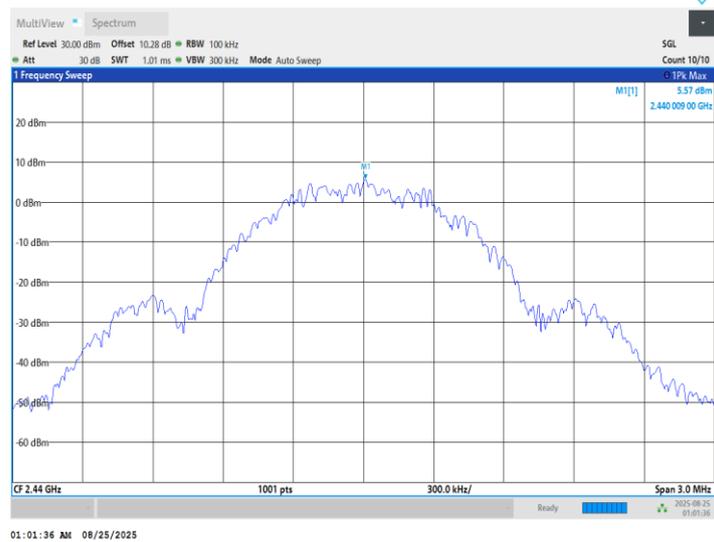
BLE_1M_Ant4_2402_30~1000



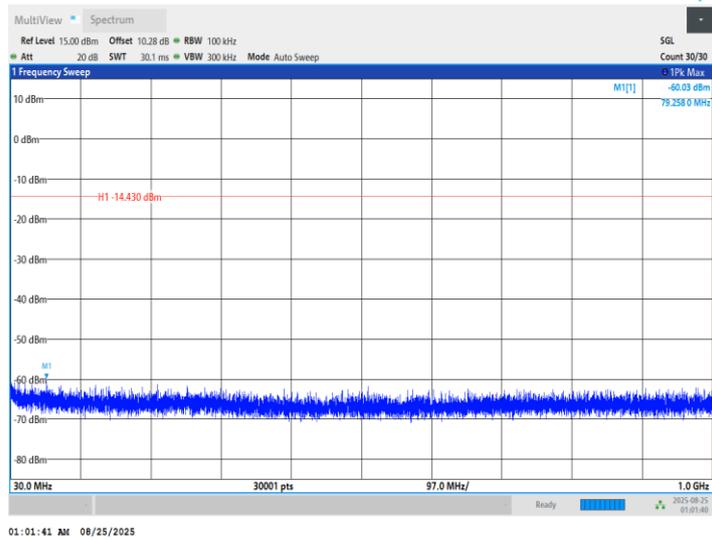
BLE_1M_Ant4_2402_1000~26500



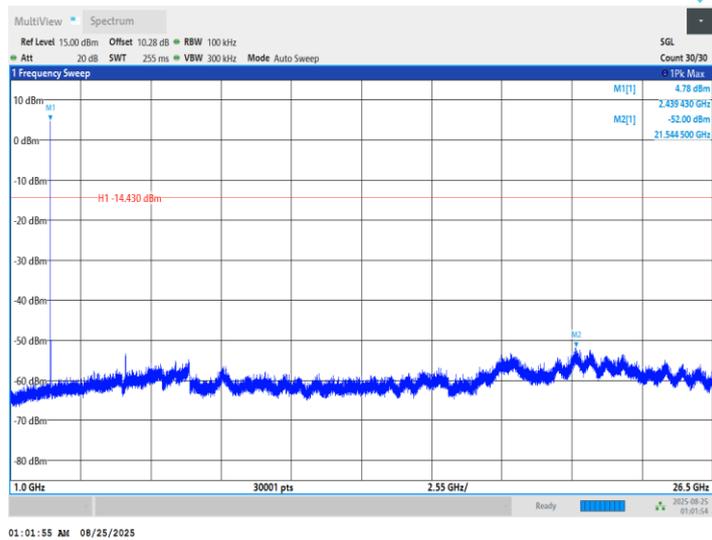
BLE_1M_Ant4_2440_0~Reference



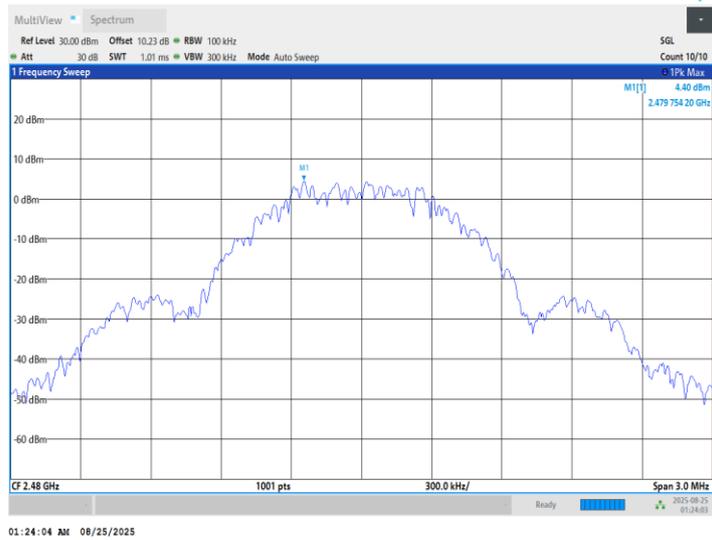
BLE_1M_Ant4_2440_30~1000



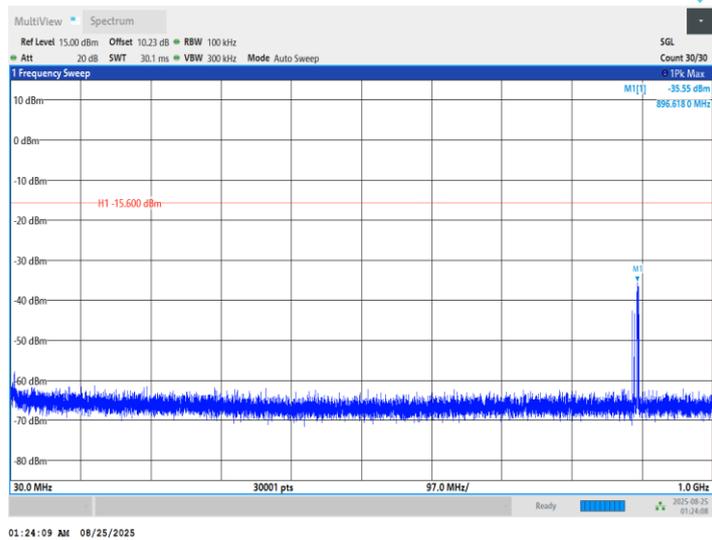
BLE_1M_Ant4_2440_1000~26500



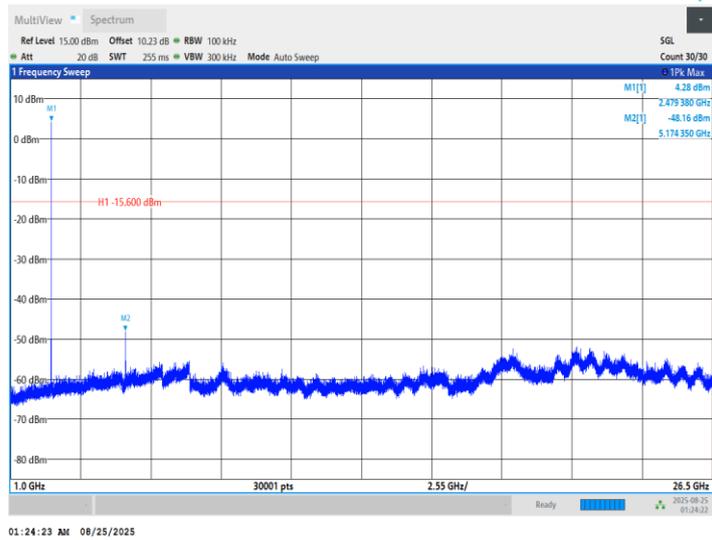
BLE_1M_Ant4_2480_0~Reference



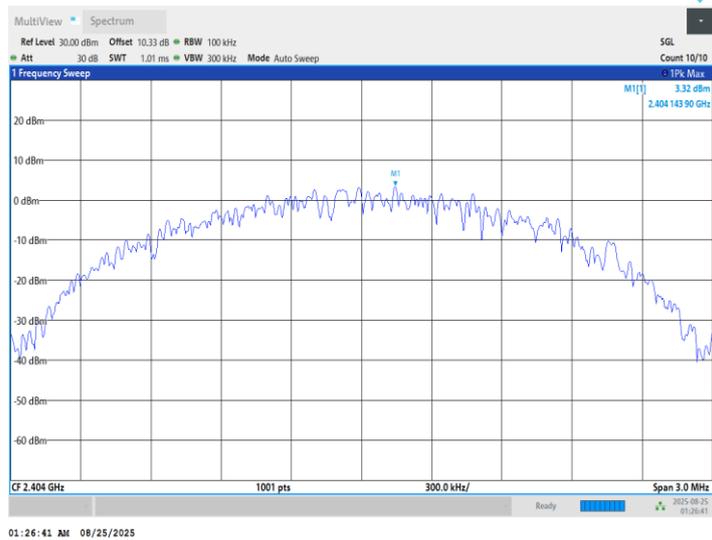
BLE_1M_Ant4_2480_30~1000



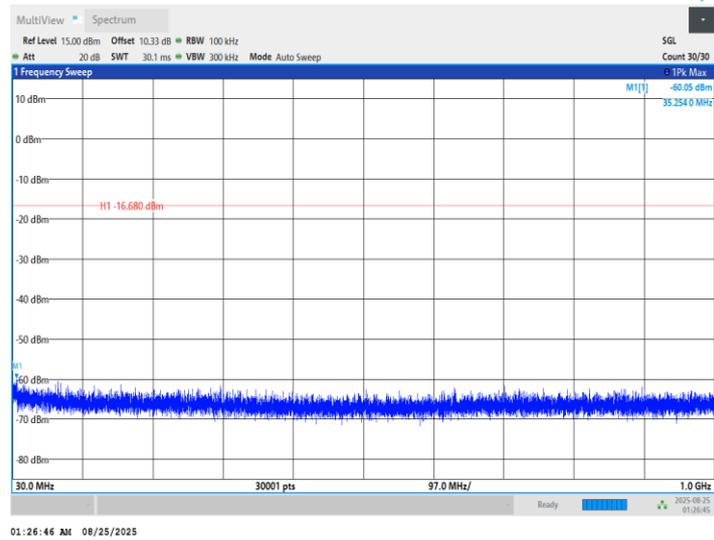
BLE_1M_Ant4_2480_1000~26500



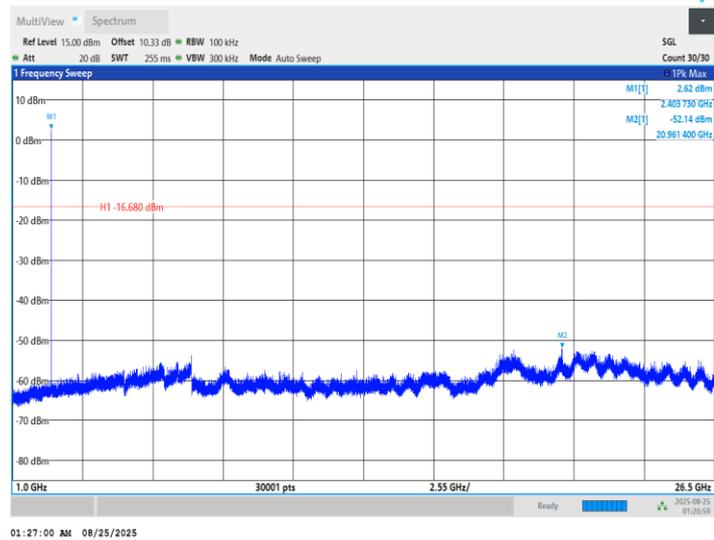
BLE_2M_Ant4_2404_0~Reference



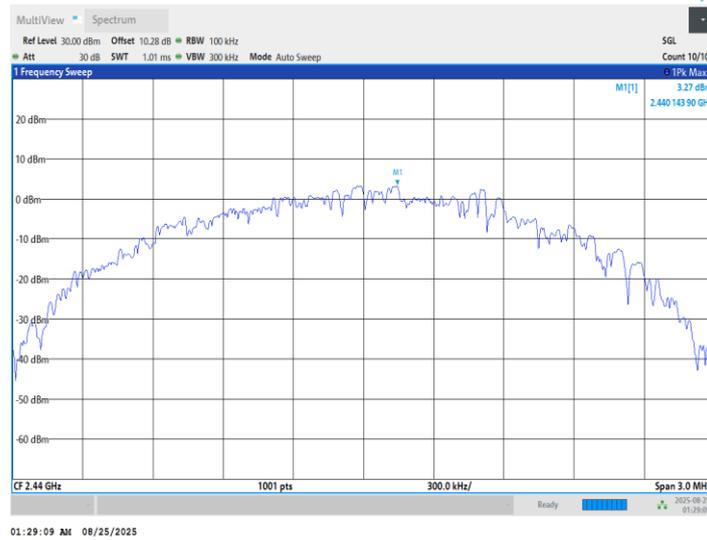
BLE_2M_Ant4_2404_30~1000



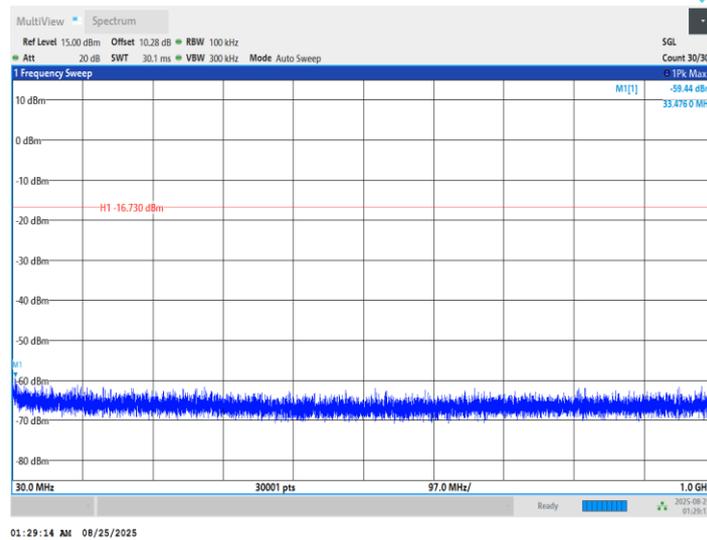
BLE_2M_Ant4_2404_1000~26500



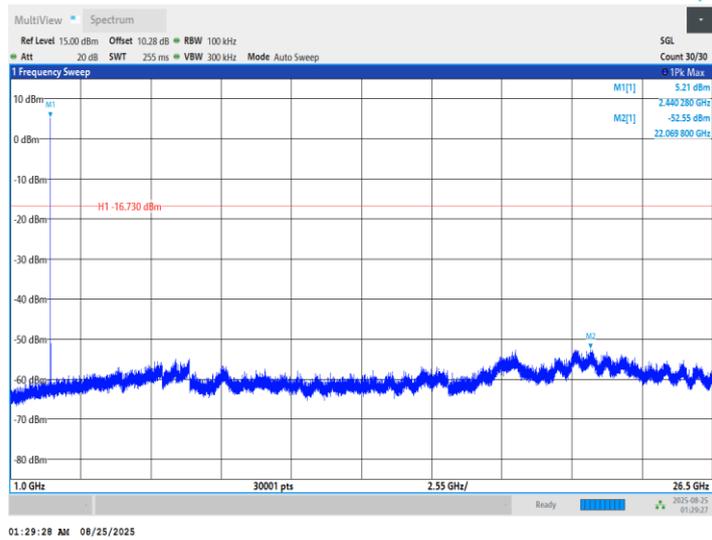
BLE_2M_Ant4_2440_0~Reference



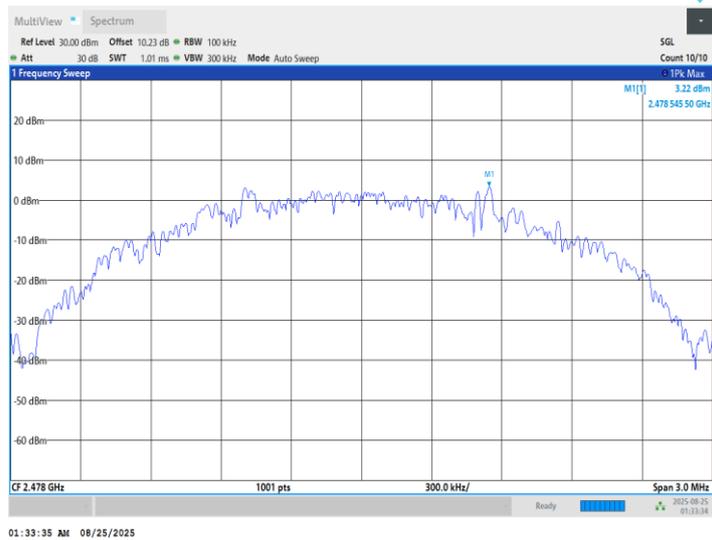
BLE_2M_Ant4_2440_30~1000



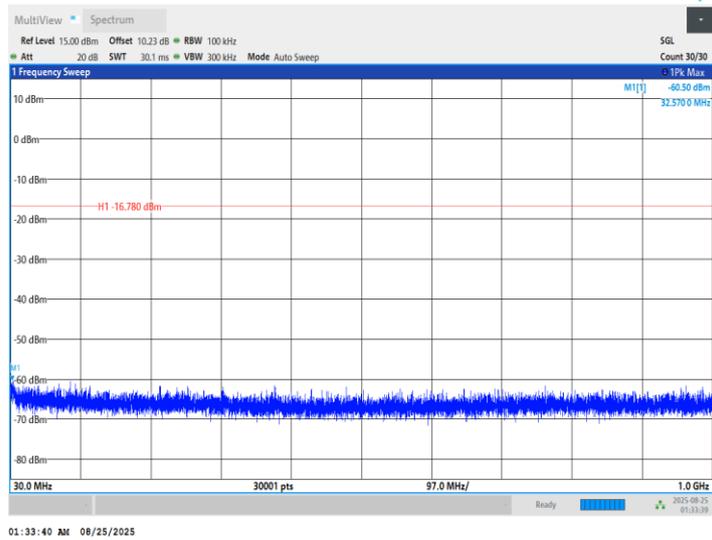
BLE_2M_Ant4_2440_1000~26500



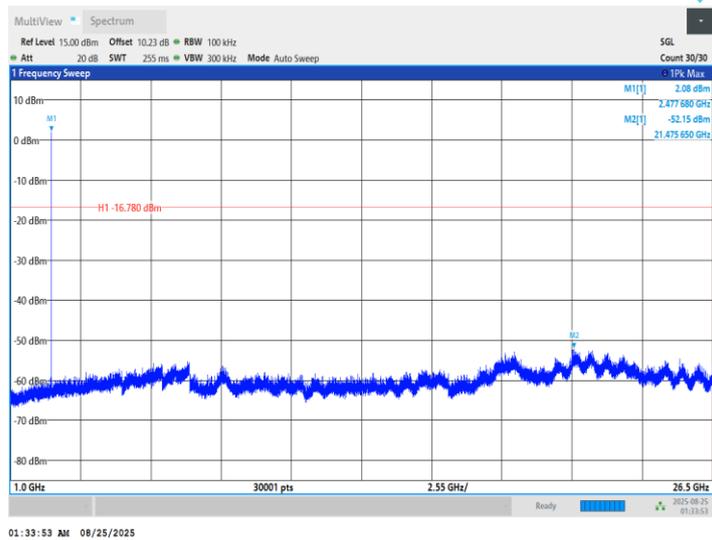
BLE_2M_Ant4_2478_0~Reference



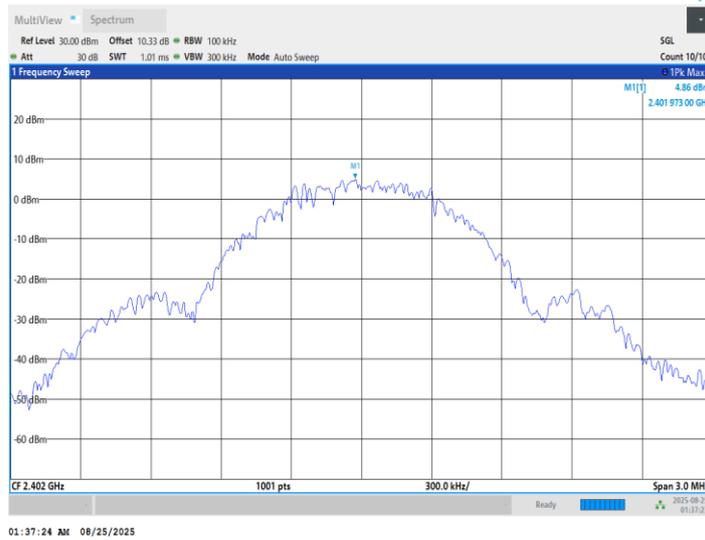
BLE_2M_Ant4_2478_30~1000



BLE_2M_Ant4_2478_1000~26500

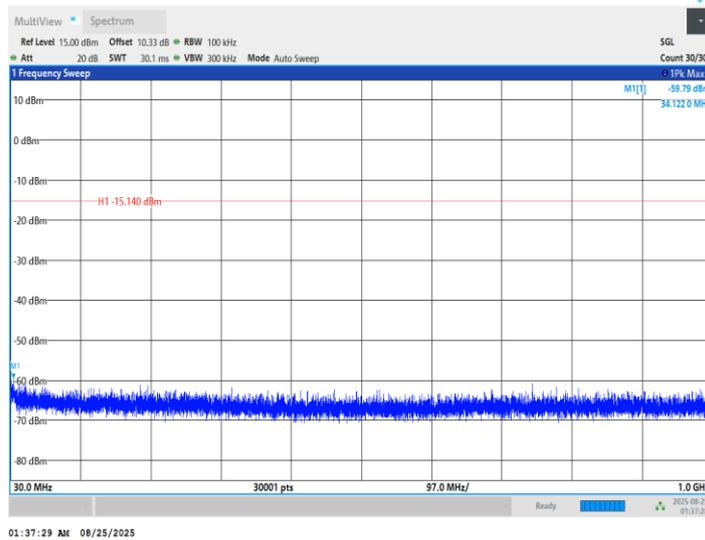


BLE_125K_Ant4_2402_0~Reference



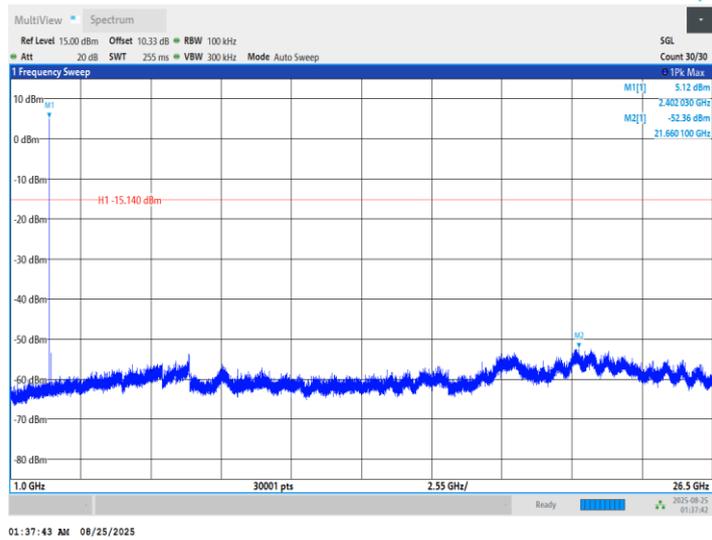
01:37:24 AM 08/25/2025

BLE_125K_Ant4_2402_30~1000

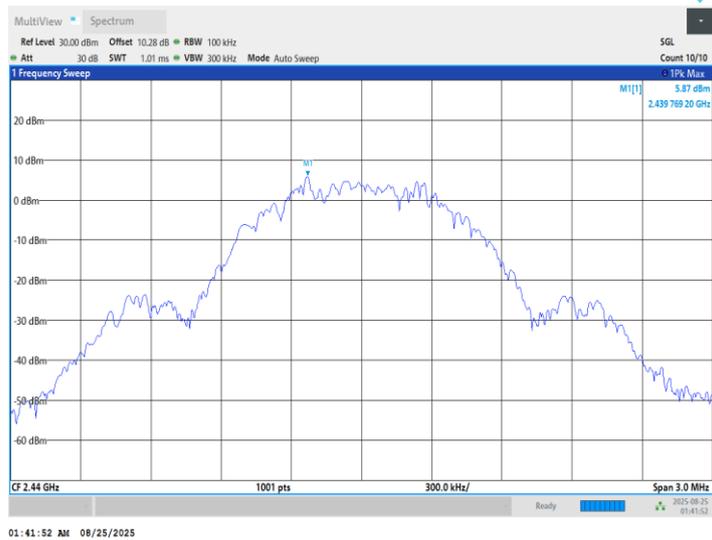


01:37:29 AM 08/25/2025

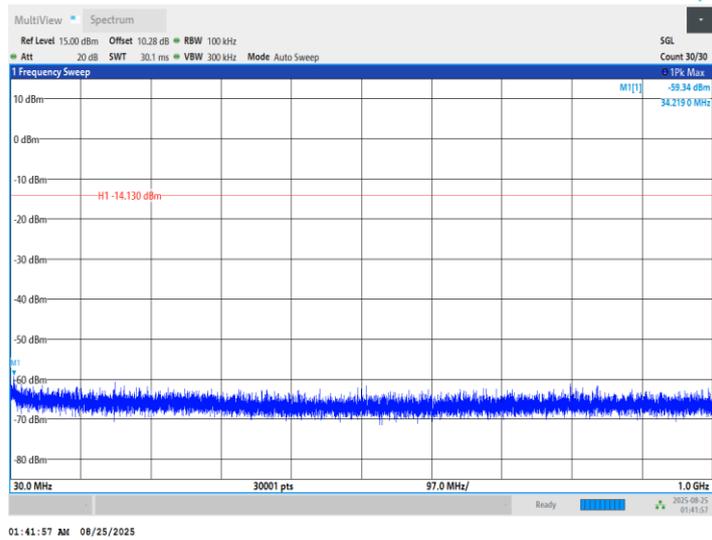
BLE_125K_Ant4_2402_1000~26500



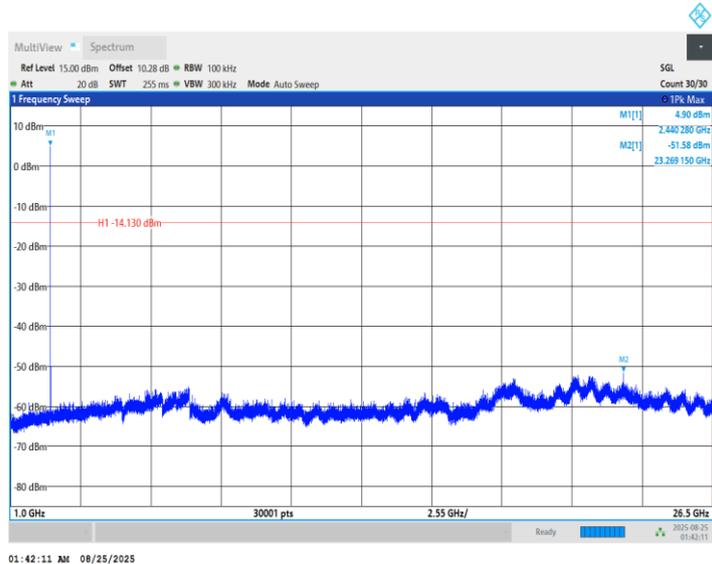
BLE_125K_Ant4_2440_0~Reference



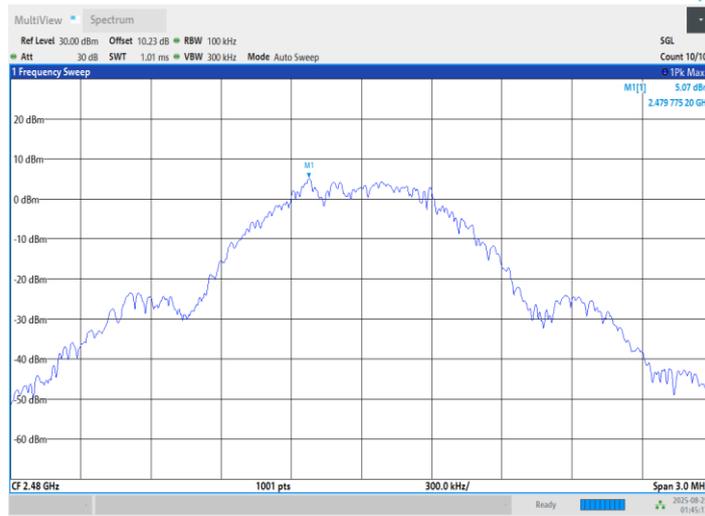
BLE_125K_Ant4_2440_30~1000



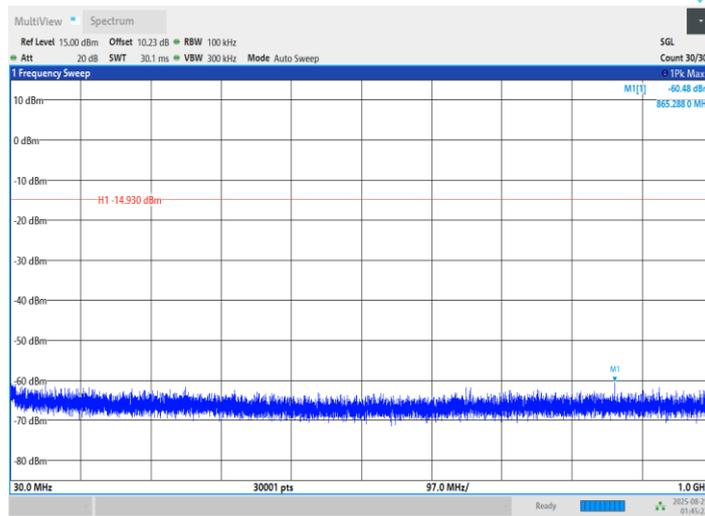
BLE_125K_Ant4_2440_1000~26500



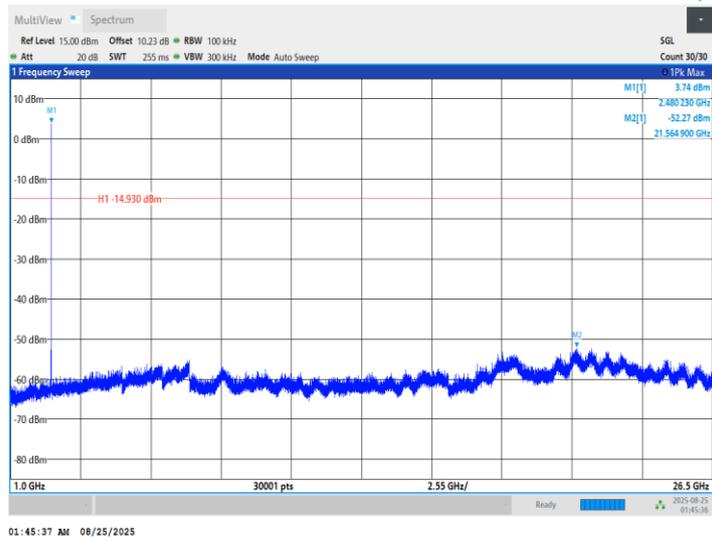
BLE_125K_Ant4_2480_0~Reference



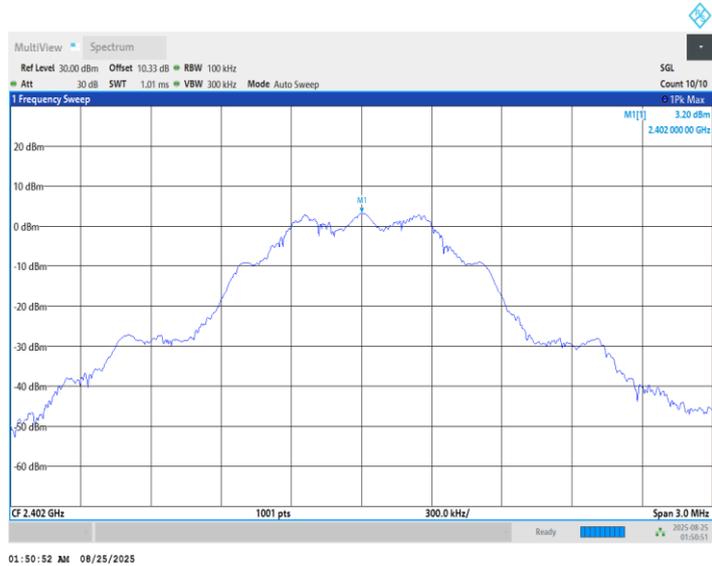
BLE_125K_Ant4_2480_30~1000



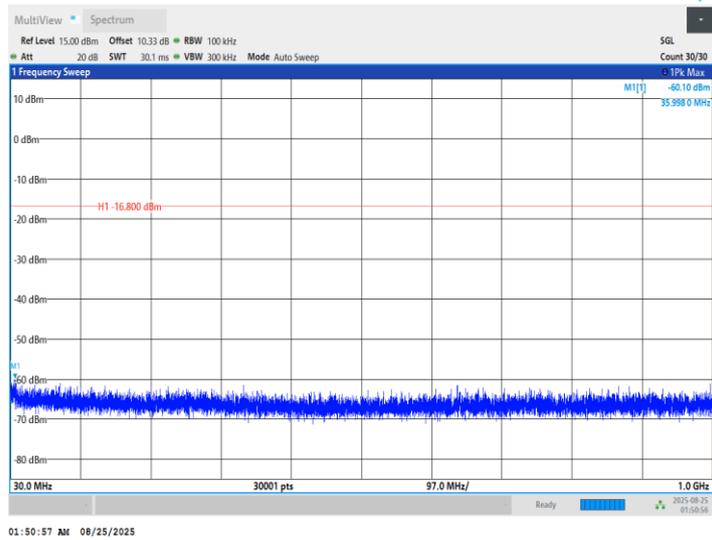
BLE_125K_Ant4_2480_1000~26500



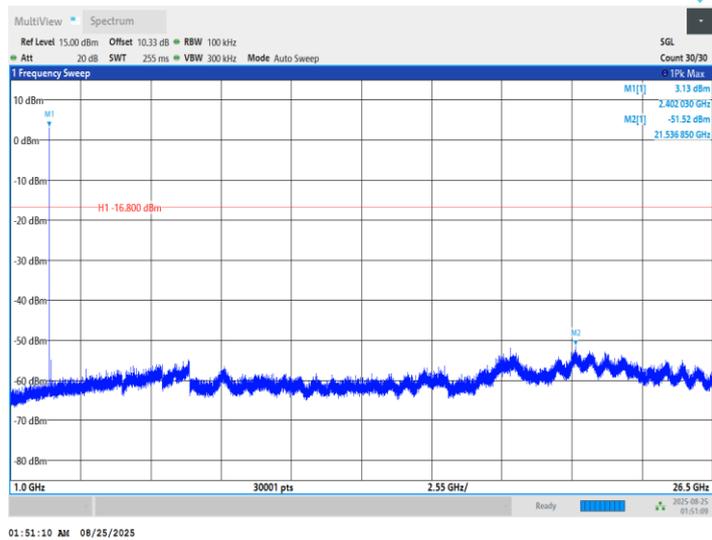
BLE_500K_Ant4_2402_0~Reference



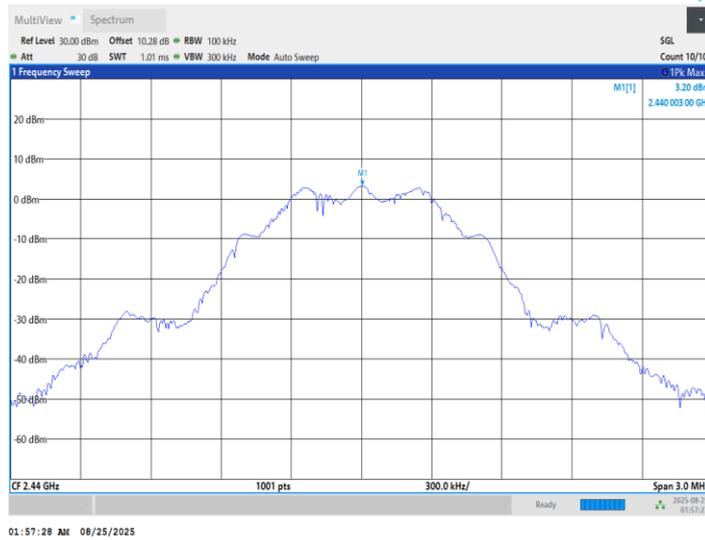
BLE_500K_Ant4_2402_30~1000



BLE_500K_Ant4_2402_1000~26500

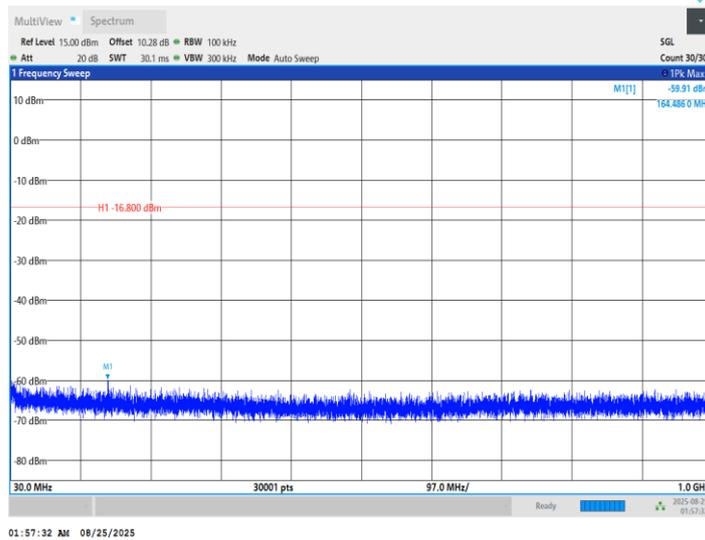


BLE_500K_Ant4_2440_0~Reference



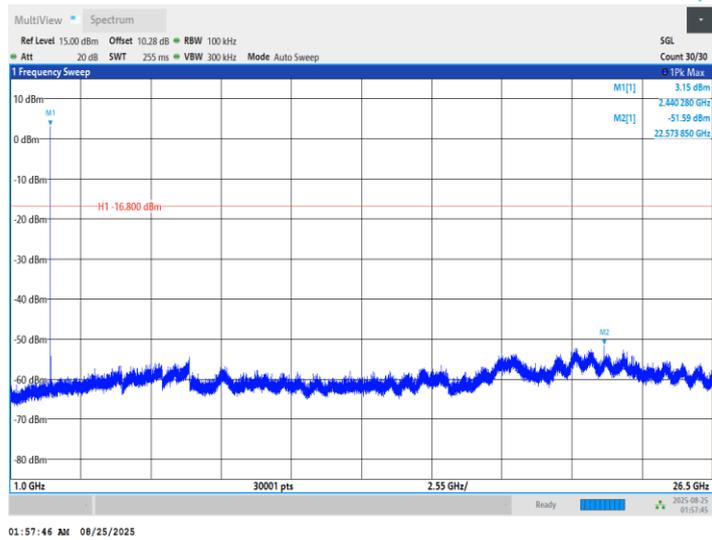
01:57:28 AM 08/25/2025

BLE_500K_Ant4_2440_30~1000

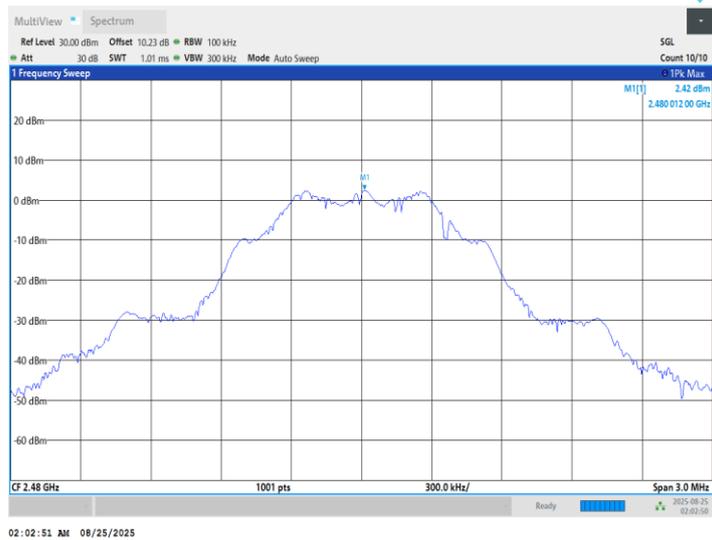


01:57:32 AM 08/25/2025

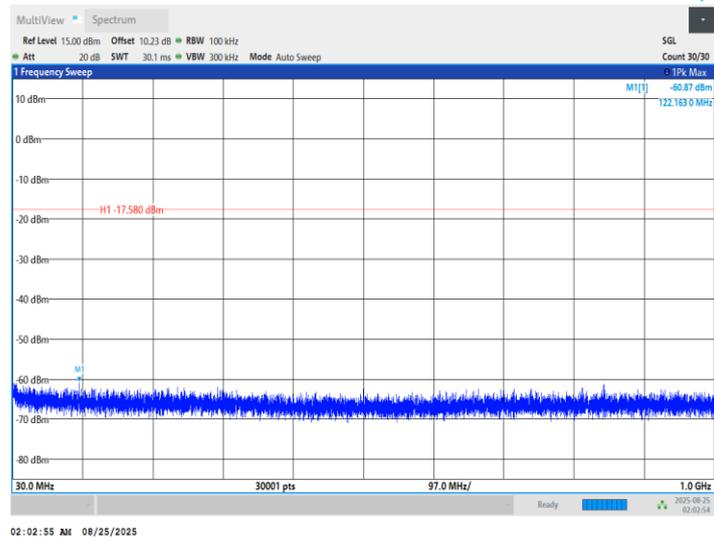
BLE_500K_Ant4_2440_1000~26500



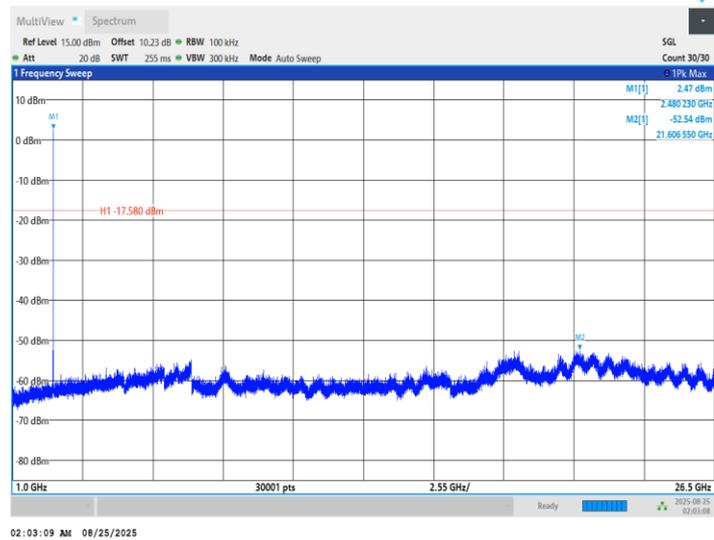
BLE_500K_Ant4_2480_0~Reference



BLE_500K_Ant4_2480_30~1000



BLE_500K_Ant4_2480_1000~26500





DUTY CYCLE

TEST RESULT

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant4	2402	2.13	2.51	0.8486	84.86	0.71	---	---
		2440	2.13	2.50	0.8520	85.20	0.70	---	---
		2480	2.13	2.50	0.8520	85.20	0.70	---	---
BLE_2M	Ant4	2404	1.07	1.88	0.5691	56.91	2.45	---	---
		2440	1.07	1.88	0.5691	56.91	2.45	---	---
		2478	1.07	1.88	0.5691	56.91	2.45	---	---
BLE_125K	Ant4	2402	4.55	5.01	0.9082	90.82	0.42	---	---
		2440	4.55	5.00	0.9100	91.00	0.41	---	---
		2480	4.55	5.00	0.9100	91.00	0.41	---	---
BLE_500K	Ant4	2402	1.00	1.00	1.0000	100.00	0.00	---	---
		2440	1.00	1.00	1.0000	100.00	0.00	---	---
		2480	1.00	1.00	1.0000	100.00	0.00	---	---

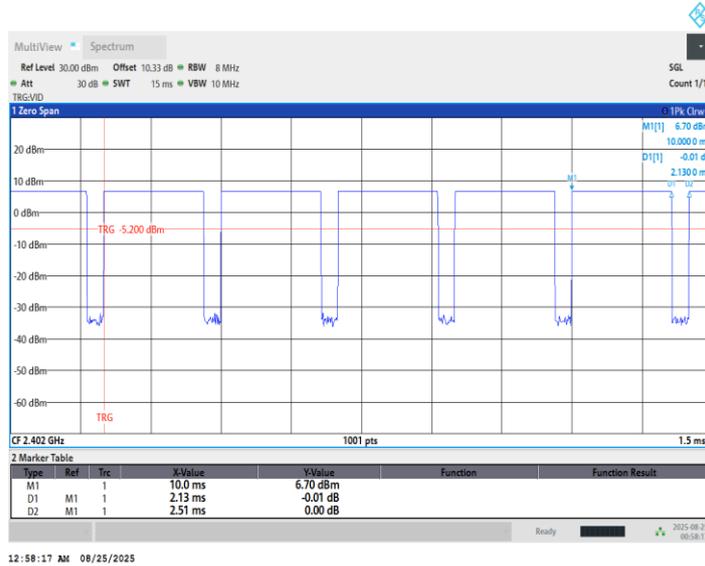


BUREAU VERITAS

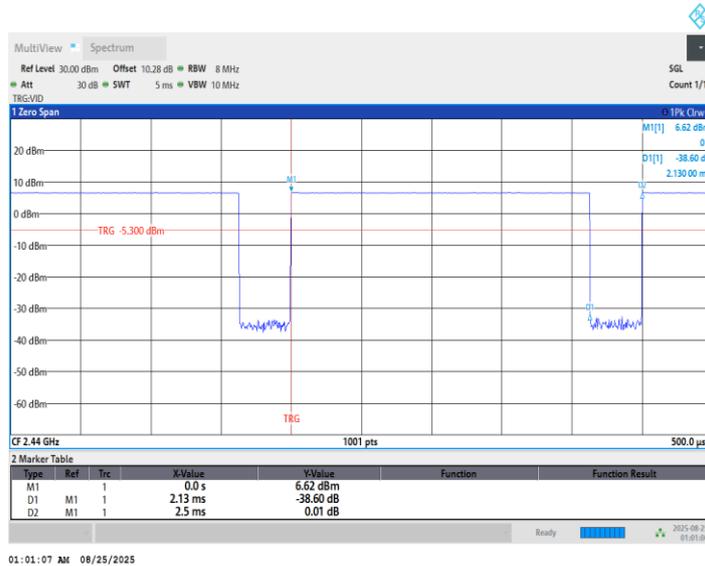
Test Report No.: PSU-QBJ2508070215RF07

TEST GRAPHS

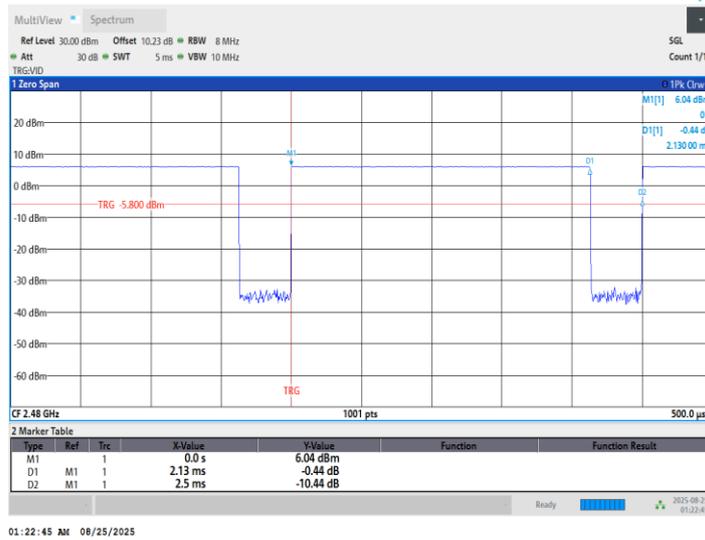
BLE_1M_Ant4_2402



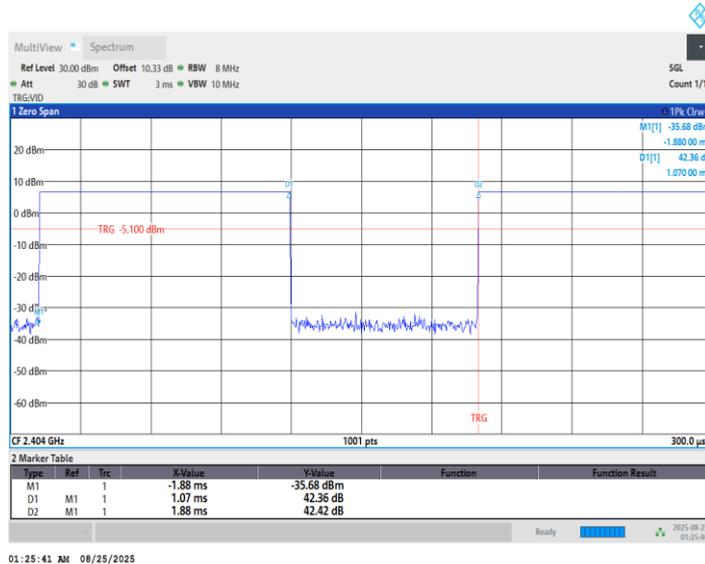
BLE_1M_Ant4_2440



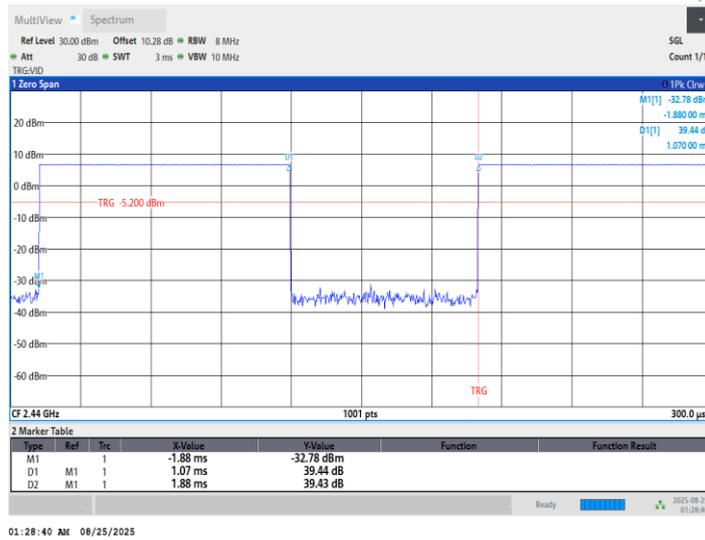
BLE_1M_Ant4_2480



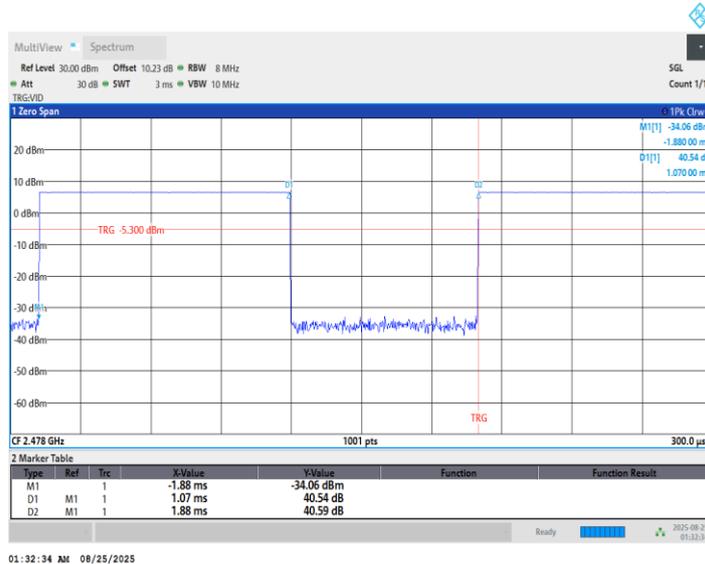
BLE_2M_Ant4_2404



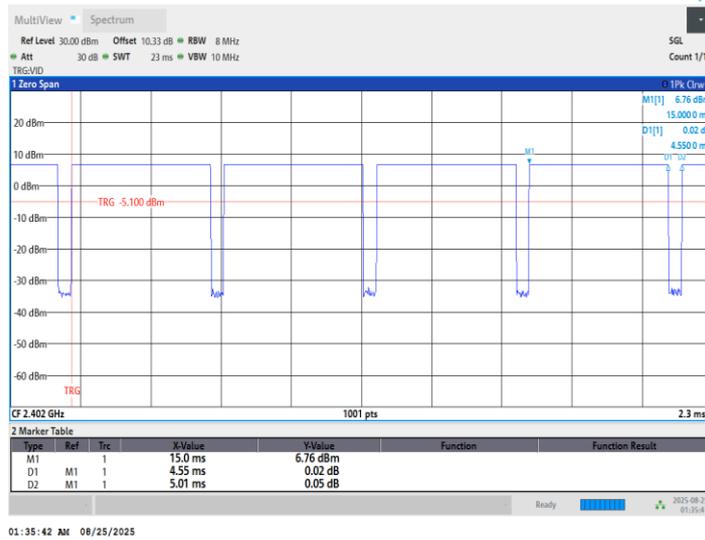
BLE_2M_Ant4_2440



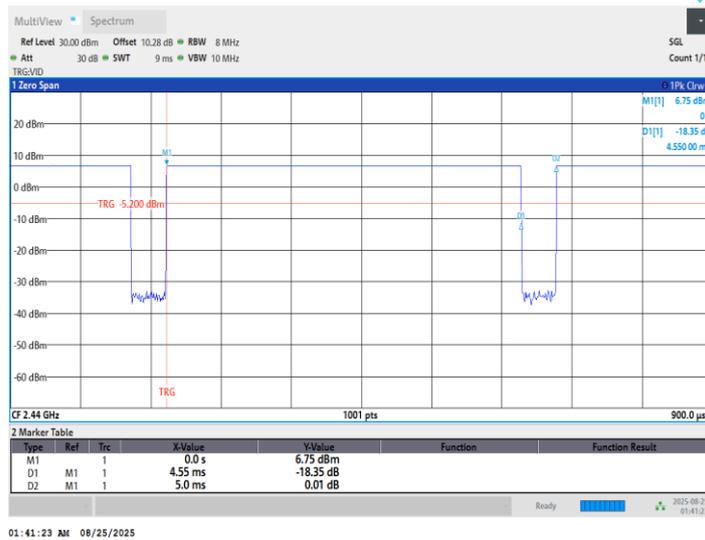
BLE_2M_Ant4_2478



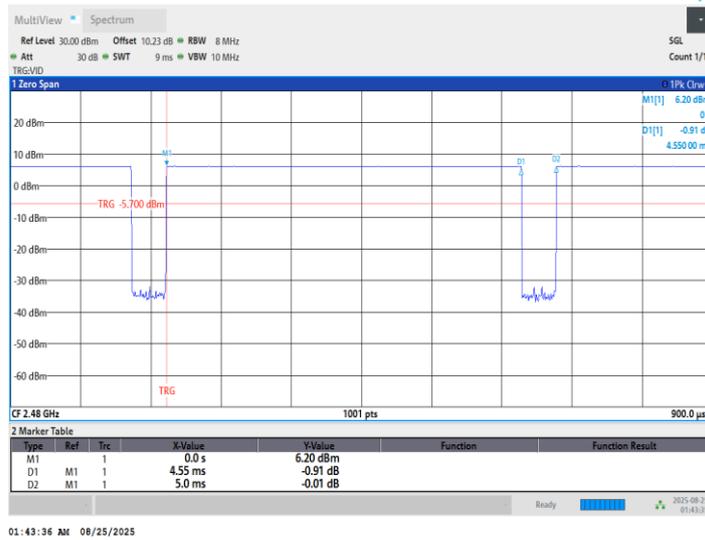
BLE_125K_Ant4_2402



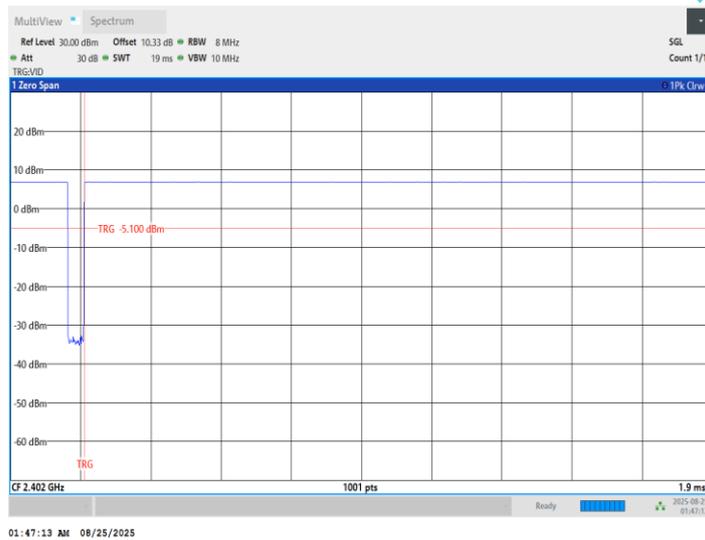
BLE_125K_Ant4_2440



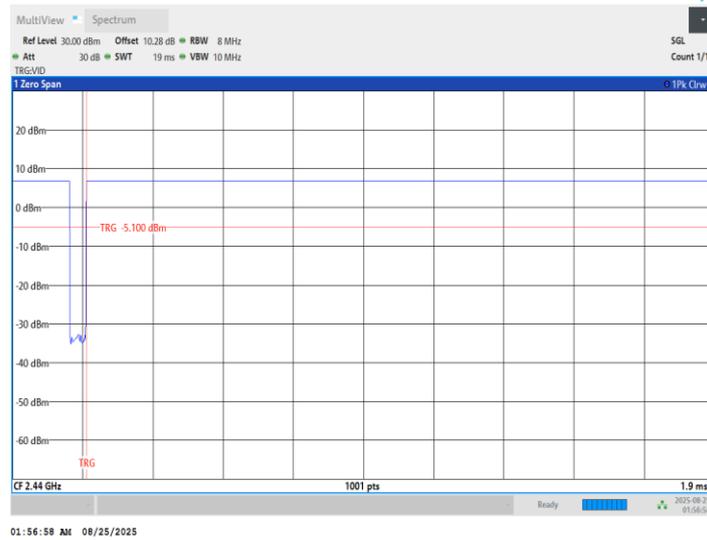
BLE_125K_Ant4_2480



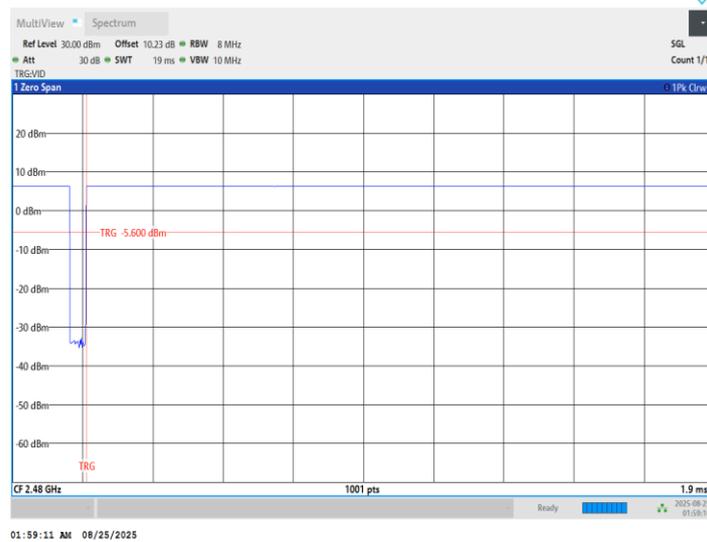
BLE_500K_Ant4_2402



BLE_500K_Ant4_2440



BLE_500K_Ant4_2480



--END--