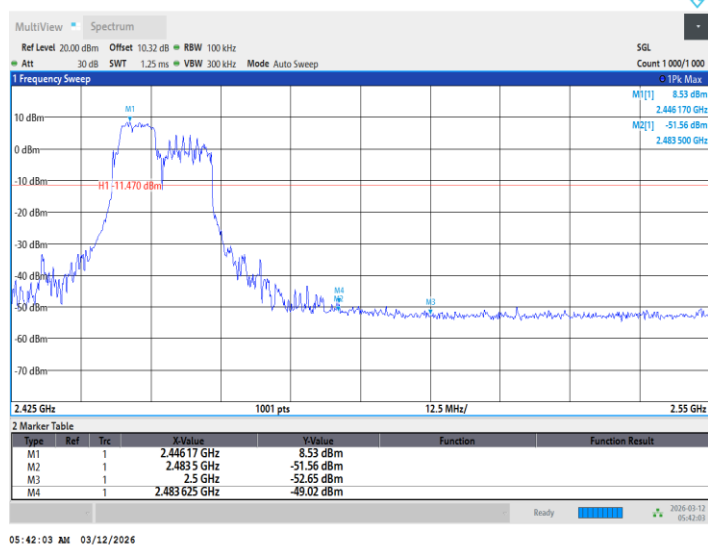




11BE40MIMO_Ant2_High_2452_26+106Tone_ /



CONDUCTED SPURIOUS EMISSION

TEST RESULT

TestMode	Antenna	Freq(MHz)	RuSize	RuIndex	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11BE20MIMO	Ant1	2412	26+52Tone	/	Reference	8.52	8.52	---	PASS
				/	30~1000	8.52	-53.74	≤-11.48	PASS
				/	1000~26500	8.52	-46.09	≤-11.48	PASS
			26+106Tone	/	Reference	6.63	6.63	---	PASS
				/	30~1000	6.63	-54.18	≤-13.37	PASS
				/	1000~26500	6.63	-45.74	≤-13.37	PASS
	Ant2	2412	26+52Tone	/	Reference	8.35	8.35	---	PASS
				/	30~1000	8.35	-54.50	≤-11.65	PASS
				/	1000~26500	8.35	-46.71	≤-11.65	PASS
			26+106Tone	/	Reference	6.04	6.04	---	PASS
				/	30~1000	6.04	-54.81	≤-13.96	PASS
				/	1000~26500	6.04	-46.73	≤-13.96	PASS
	Ant1	2437	26+52Tone	/	Reference	7.61	7.61	---	PASS
				/	30~1000	7.61	-	≤-	PASS

	Ant2	2437					54.98	12.39	
				/	1000~26500	7.61	-46.60	≤-12.39	PASS
			26+106Tone	/	Reference	5.95	5.95	---	PASS
				/	30~1000	5.95	-54.86	≤-14.05	PASS
				/	1000~26500	5.95	-46.79	≤-14.05	PASS
				/	Reference	7.89	7.89	---	PASS
	Ant1	2462	26+52Tone	/	30~1000	7.89	-54.02	≤-12.11	PASS
				/	1000~26500	7.89	-46.77	≤-12.11	PASS
				/	Reference	6.23	6.23	---	PASS
			26+106Tone	/	30~1000	6.23	-54.03	≤-13.77	PASS
				/	1000~26500	6.23	-46.29	≤-13.77	PASS
				/	Reference	7.94	7.94	---	PASS
	Ant1	2462	26+52Tone	/	30~1000	7.94	-44.88	≤-12.06	PASS
				/	1000~26500	7.94	-45.67	≤-12.06	PASS
				/	Reference	6.16	6.16	---	PASS
			26+106Tone	/	30~1000	6.16	-54.74	≤-13.84	PASS

Test Report No.: RF260714B014

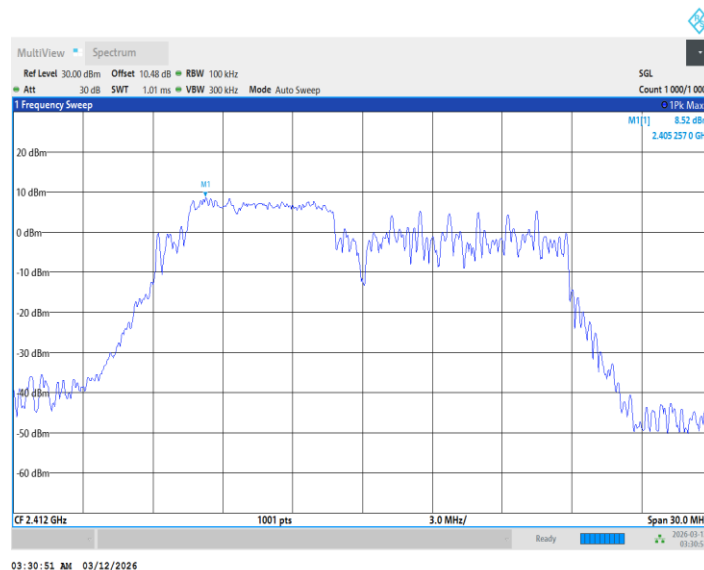
	Ant2	2462	26+52Tone	/	1000~2650 0	6.16	- 46.63	≤- 13.8 4	PASS
				/	Reference	8.30	8.30	---	PASS
				/	30~1000	8.30	- 45.71	≤- 11.7	PASS
			26+106Tone	/	1000~2650 0	8.30	- 46.71	≤- 11.7	PASS
				/	Reference	6.71	6.71	---	PASS
				/	30~1000	6.71	- 54.31	≤- 13.2 9	PASS
			26+52Tone	/	1000~2650 0	6.71	- 46.24	≤- 13.2 9	PASS
				/	Reference	8.82	8.82	---	PASS
				/	30~1000	8.82	- 54.39	≤- 11.1 8	PASS
11BE40MIMO	Ant1	2422	26+52Tone	/	1000~2650 0	8.82	- 47.15	≤- 11.1 8	PASS
				/	Reference	6.26	6.26	---	PASS
				/	30~1000	6.26	- 55.22	≤- 13.7 4	PASS
			26+106Tone	/	1000~2650 0	6.26	- 46.27	≤- 13.7 4	PASS
				/	Reference	8.12	8.12	---	PASS
				/	30~1000	8.12	- 55.29	≤- 11.8 8	PASS
	Ant2	2422	26+52Tone	/	1000~2650 0	8.12	- 46.34	≤- 11.8 8	PASS
				/	Reference	6.04	6.04	---	PASS
				/	30~1000	6.04	-	---	PASS
			26+106Tone	/	Reference	6.04	6.04	---	PASS
				/	30~1000	6.04	-	---	PASS
				/	1000~2650 0	6.04	-	---	PASS

			e	/	30~1000	6.04	- 54.48	≤- 13.9 6	PASS
				/	1000~2650 0	6.04	- 46.89	≤- 13.9 6	PASS
	Ant1	2437	26+52Tone	/	Reference	7.90	7.90	---	PASS
				/	30~1000	7.90	- 55.48	≤- 12.1	PASS
				/	1000~2650 0	7.90	- 45.49	≤- 12.1	PASS
			26+106Tone	/	Reference	5.85	5.85	---	PASS
				/	30~1000	5.85	- 54.90	≤- 14.1 5	PASS
				/	1000~2650 0	5.85	- 46.48	≤- 14.1 5	PASS
	Ant2	2437	26+52Tone	/	Reference	8.41	8.41	---	PASS
				/	30~1000	8.41	- 55.45	≤- 11.5 9	PASS
				/	1000~2650 0	8.41	- 46.74	≤- 11.5 9	PASS
			26+106Tone	/	Reference	6.00	6.00	---	PASS
				/	30~1000	6.00	- 55.10	≤-14	PASS
				/	1000~2650 0	6.00	- 47.17	≤-14	PASS
	Ant1	2452	26+52Tone	/	Reference	8.81	8.81	---	PASS
				/	30~1000	8.81	- 53.99	≤- 11.1 9	PASS
				/	1000~2650 0	8.81	- 47.08	≤- 11.1 9	PASS

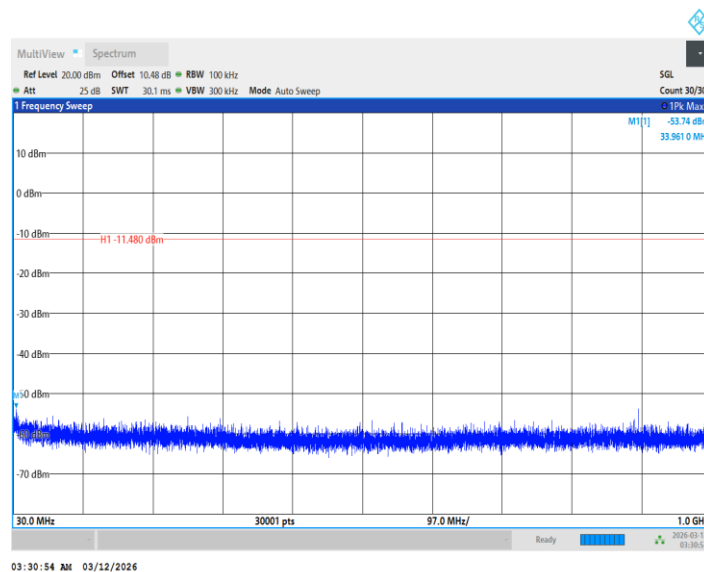
Test Report No.: RF260714B014

			26+106Tone	/	Reference	6.18	6.18	---	PASS
				/	30~1000	6.18	- 55.00	≤- 13.8 2	PASS
				/	1000~2650 0	6.18	- 46.40	≤- 13.8 2	PASS
	Ant2	2452	26+52Tone	/	Reference	8.89	8.89	---	PASS
				/	30~1000	8.89	- 54.23	≤- 11.11	PASS
				/	1000~2650 0	8.89	- 47.05	≤- 11.11	PASS
			26+106Tone	/	Reference	6.16	6.16	---	PASS
				/	30~1000	6.16	- 54.78	≤- 13.8 4	PASS
				/	1000~2650 0	6.16	- 46.42	≤- 13.8 4	PASS

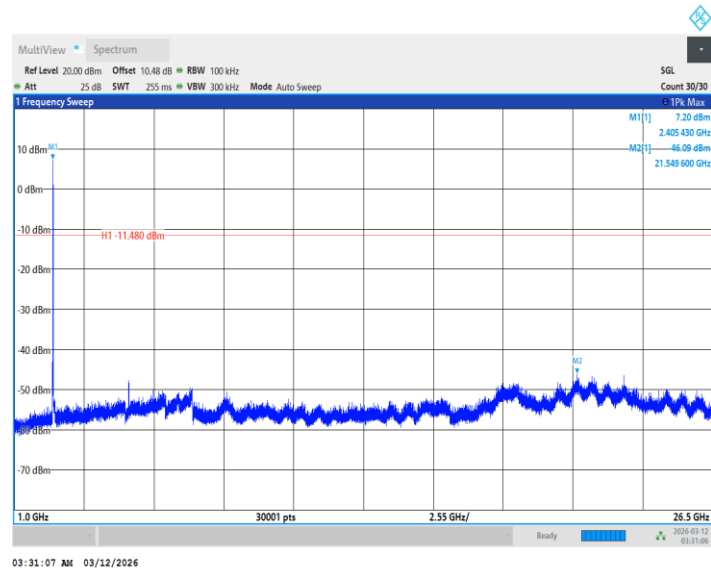
11BE20MIMO_Ant1_2412_26+52Tone / _0~Reference



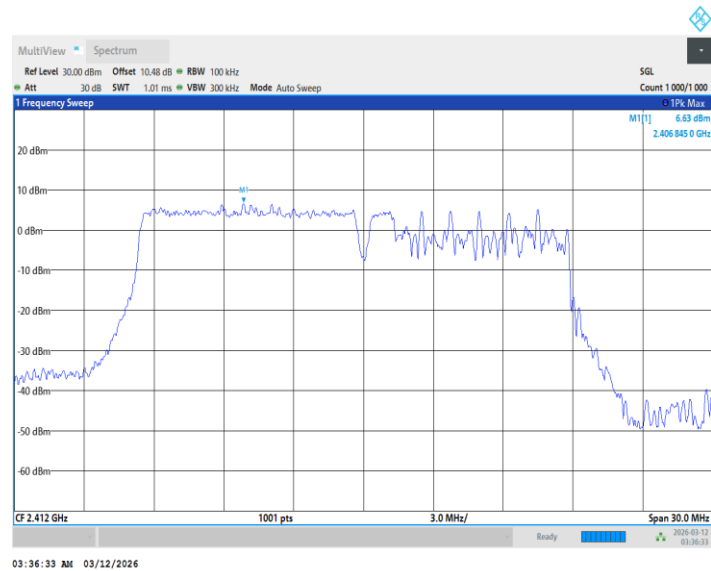
11BE20MIMO_Ant1_2412_26+52Tone / _30~1000



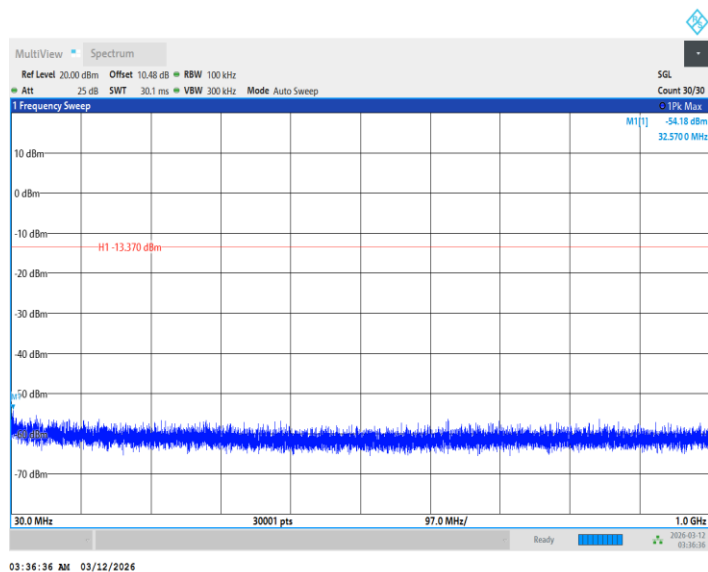
11BE20MIMO_Ant1_2412_26+52Tone / _1000~26500



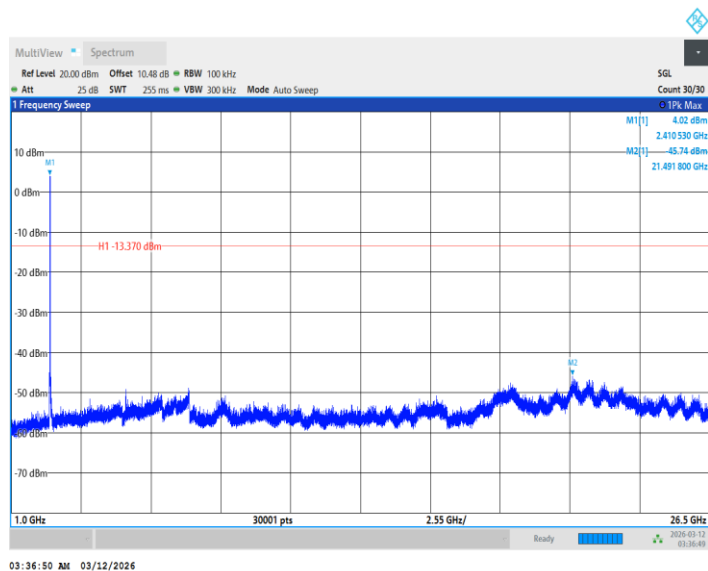
11BE20MIMO_Ant1_2412_26+106Tone/_0~Reference



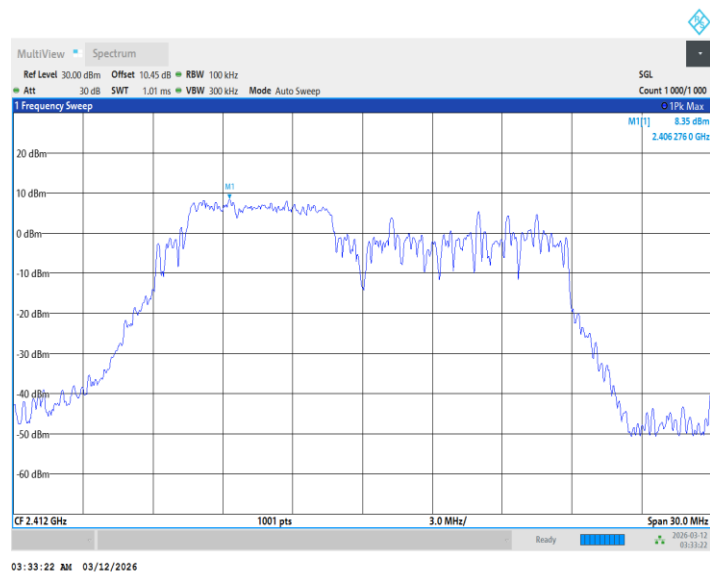
11BE20MIMO_Ant1_2412_26+106Tone/_30~1000



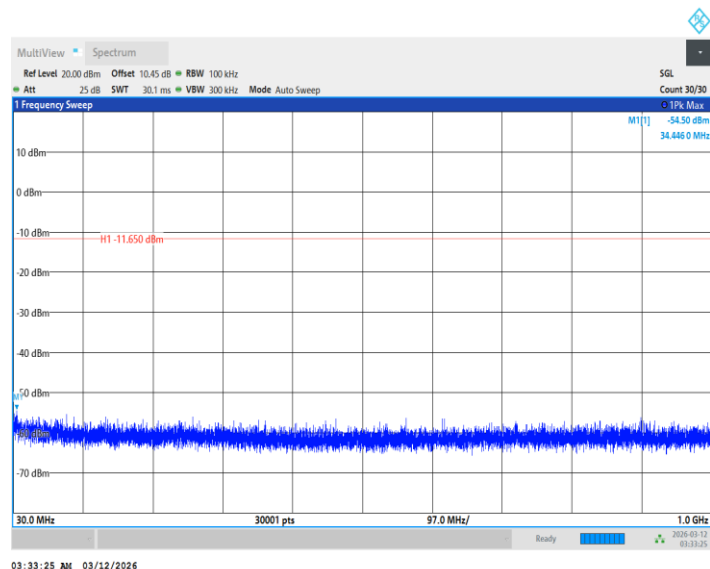
11BE20MIMO_Ant1_2412_26+106Tone / _1000~26500



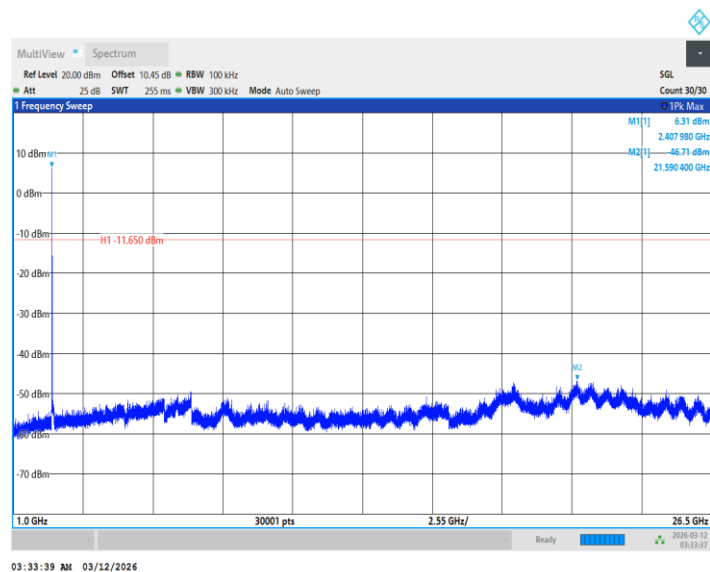
11BE20MIMO_Ant2_2412_26+52Tone / _0~Reference



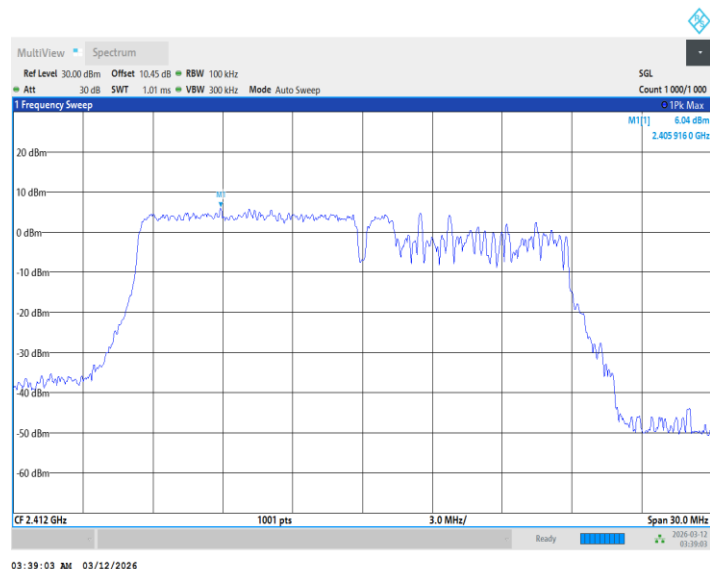
11BE20MIMO_Ant2_2412_26+52Tone / _30~1000



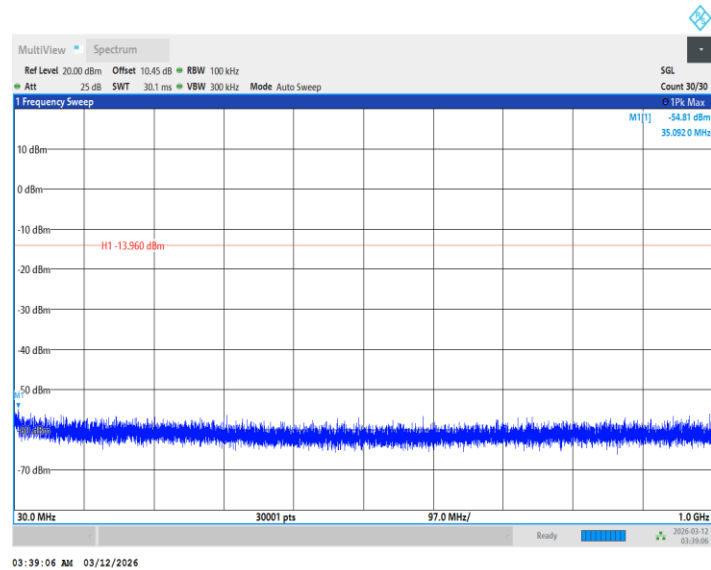
11BE20MIMO_Ant2_2412_26+52Tone / _1000~26500



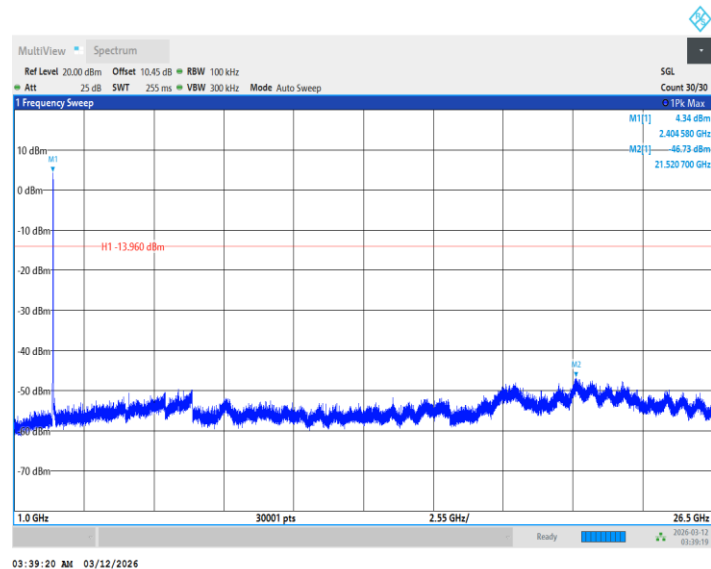
11BE20MIMO_Ant2_2412_26+106Tone/_0~Reference



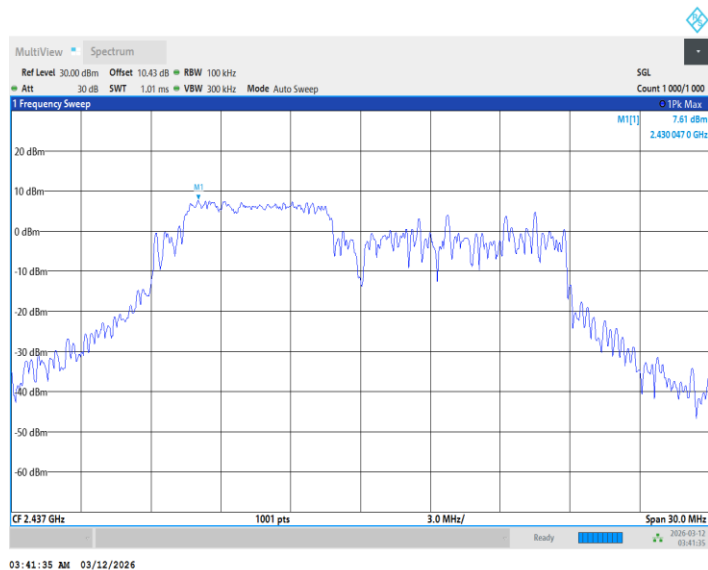
11BE20MIMO_Ant2_2412_26+106Tone/_30~1000



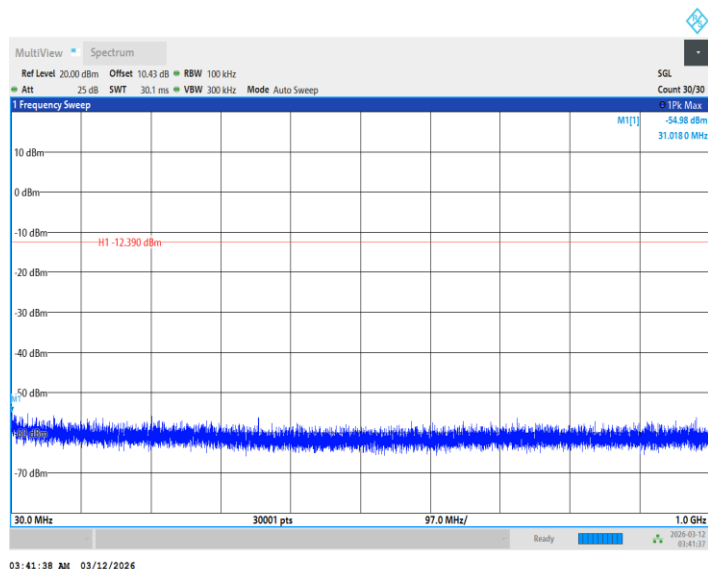
11BE20MIMO_Ant2_2412_26+106Tone / _1000~26500



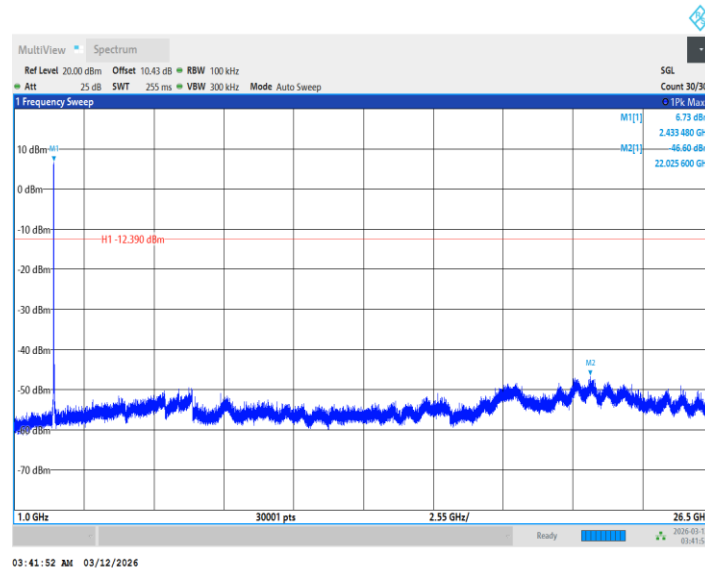
11BE20MIMO_Ant1_2437_26+52Tone / _0~Reference



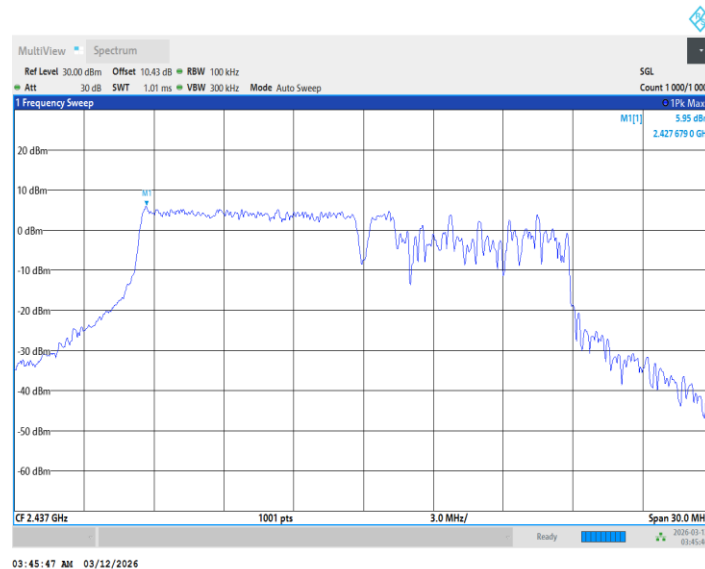
11BE20MIMO_Ant1_2437_26+52Tone / _30~1000



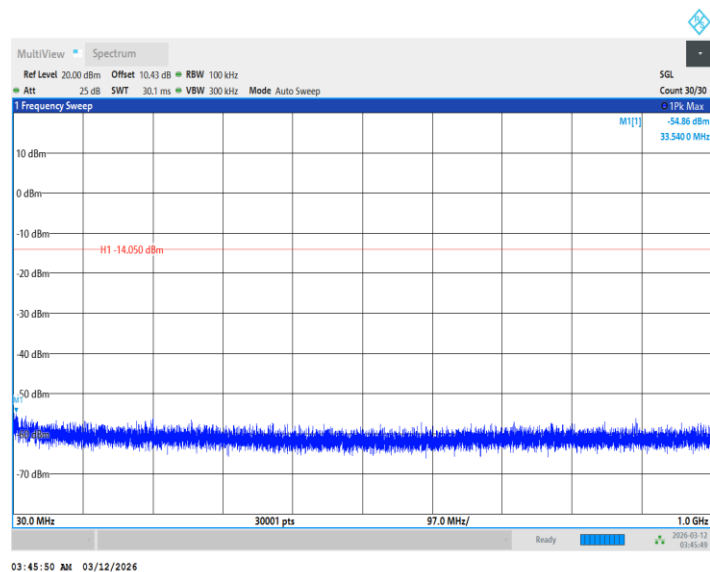
11BE20MIMO_Ant1_2437_26+52Tone / _1000~26500



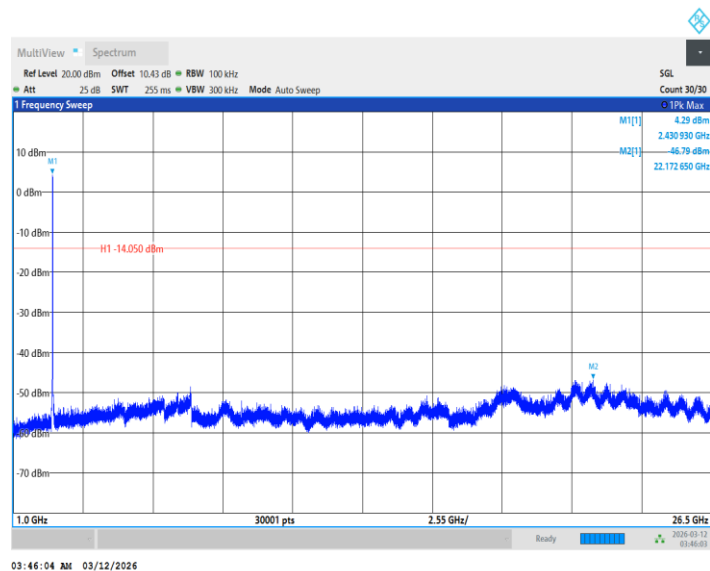
11BE20MIMO_Ant1_2437_26+106Tone/_0~Reference



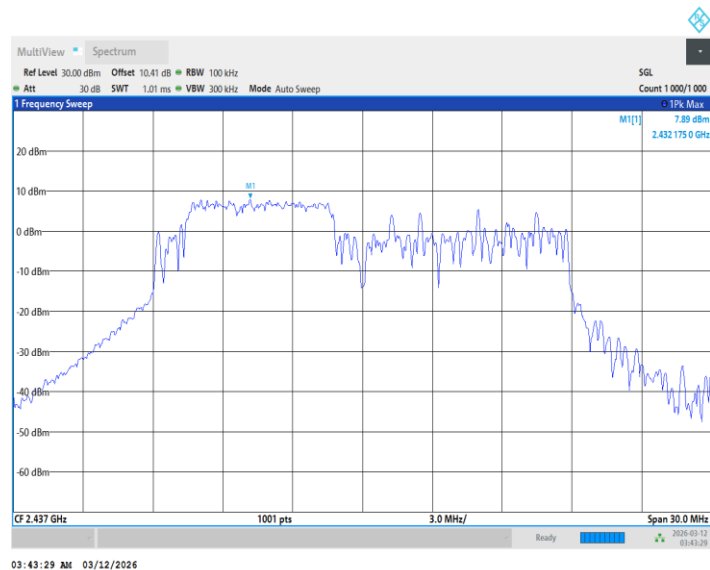
11BE20MIMO_Ant1_2437_26+106Tone/_30~1000



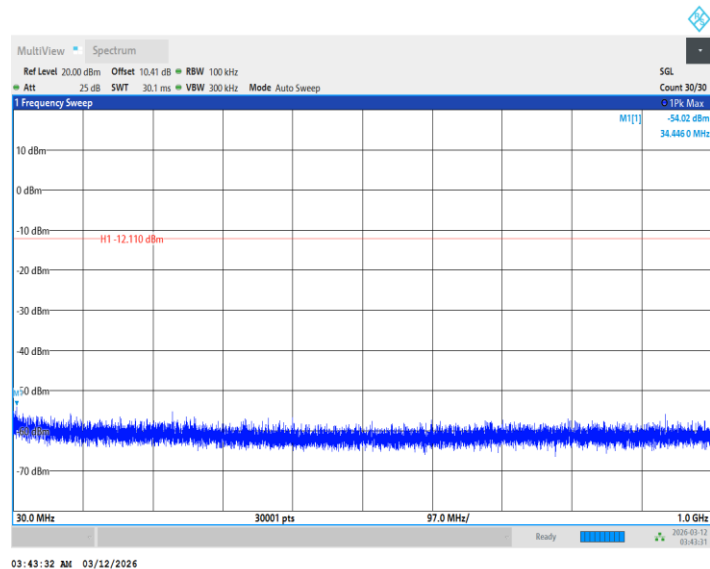
11BE20MIMO_Ant1_2437_26+106Tone / _1000~26500



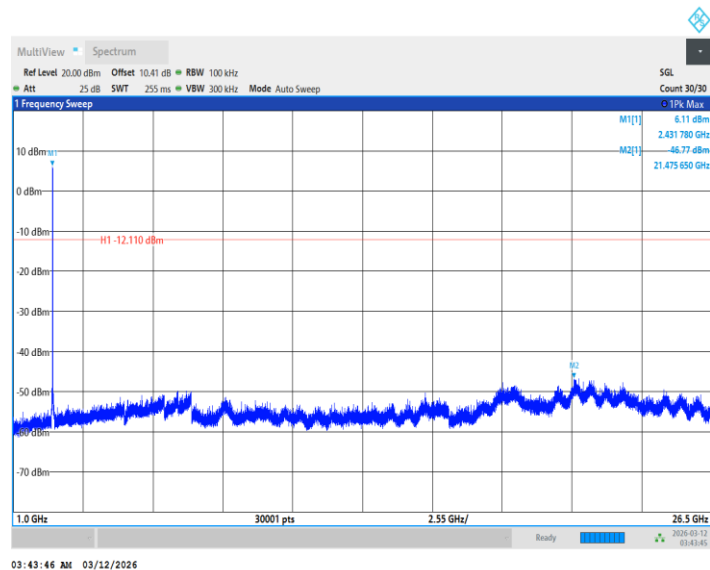
11BE20MIMO_Ant2_2437_26+52Tone / _0~Reference



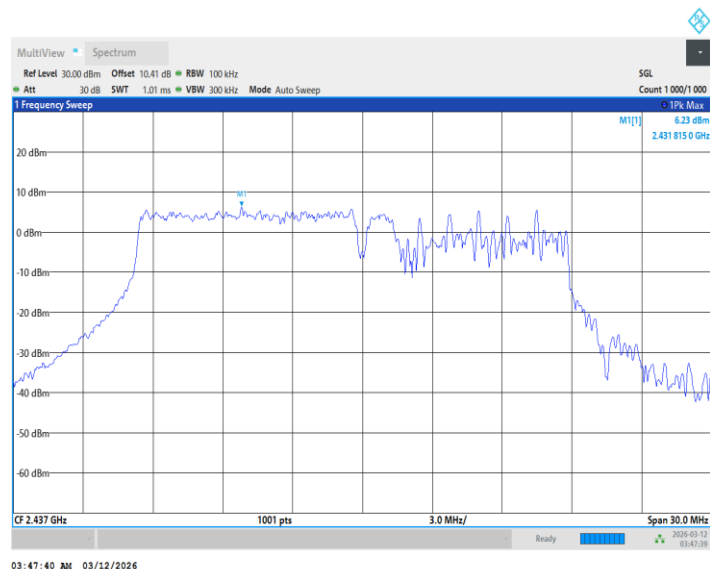
11BE20MIMO_Ant2_2437_26+52Tone/_30~1000



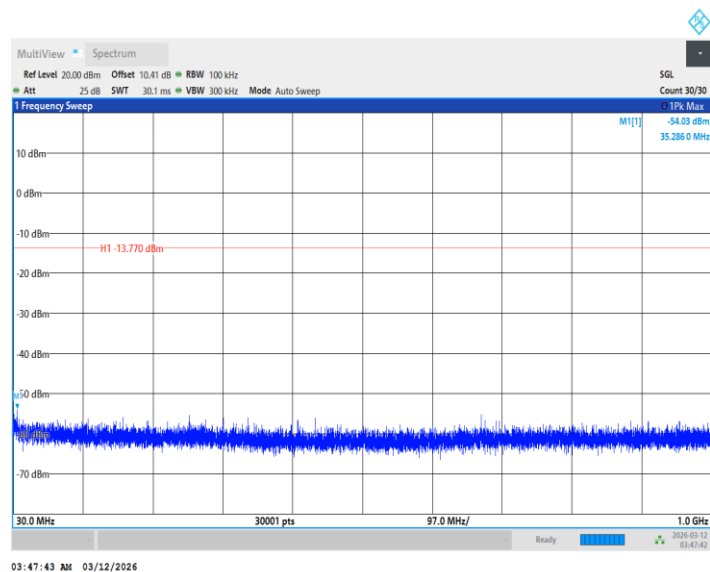
11BE20MIMO_Ant2_2437_26+52Tone/_1000~26500



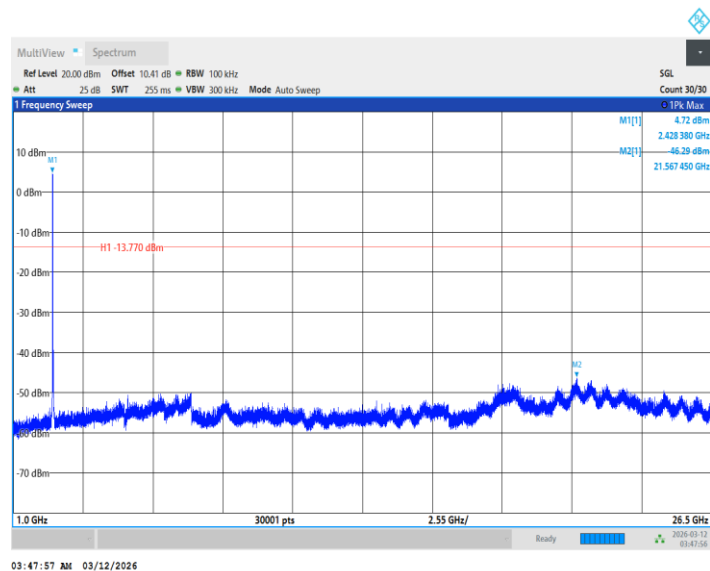
11BE20MIMO_Ant2_2437_26+106Tone/_0~Reference



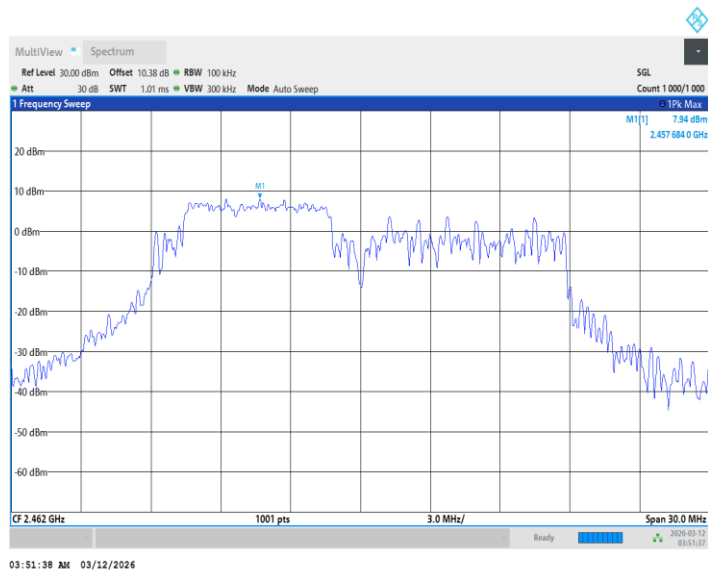
11BE20MIMO_Ant2_2437_26+106Tone/_30~1000



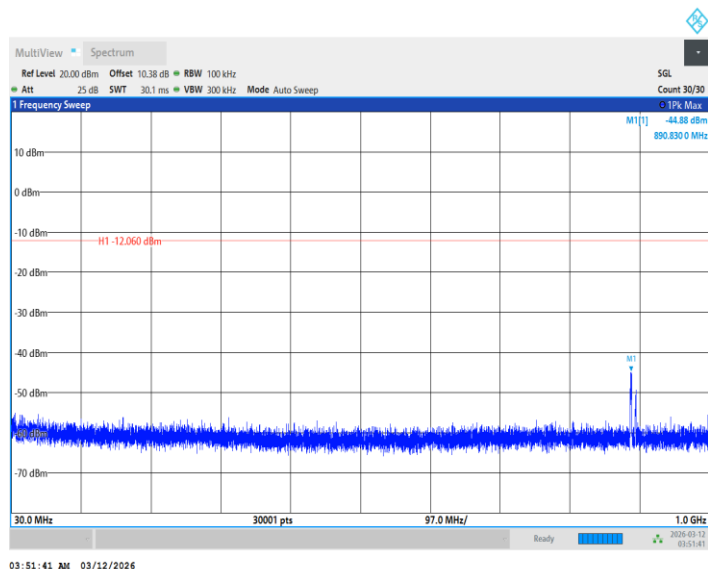
11BE20MIMO_Ant2_2437_26+106Tone / _1000~26500



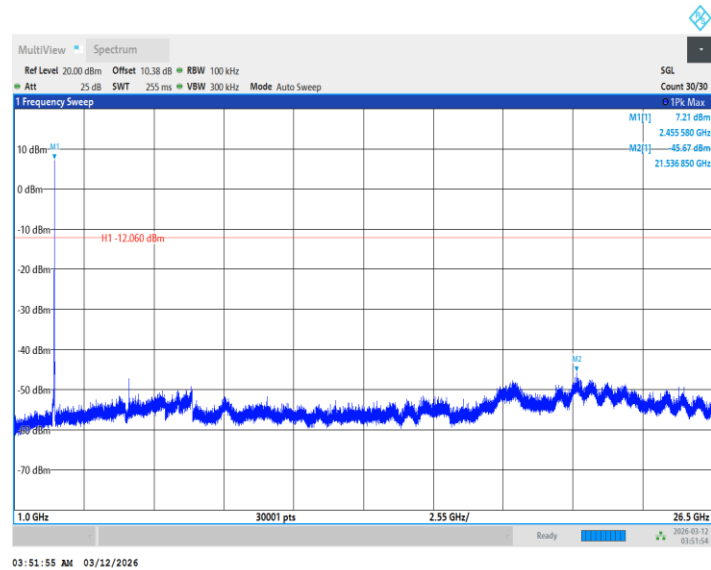
11BE20MIMO_Ant1_2462_26+52Tone / _0~Reference



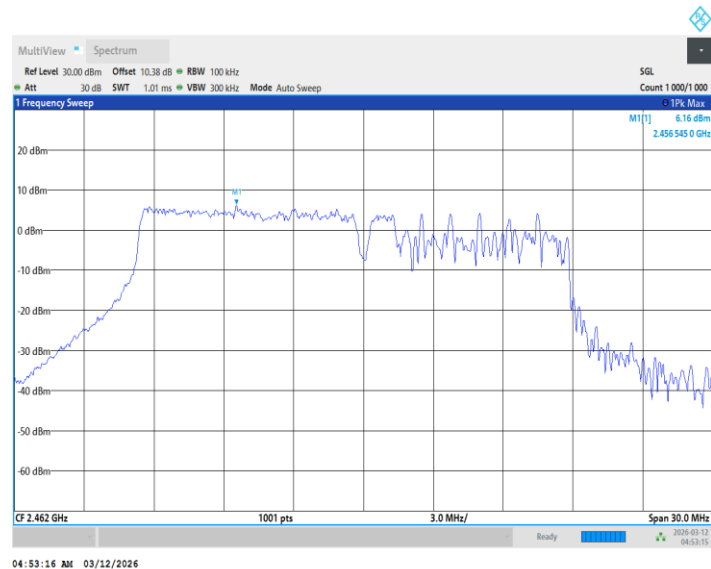
11BE20MIMO_Ant1_2462_26+52Tone / _30~1000



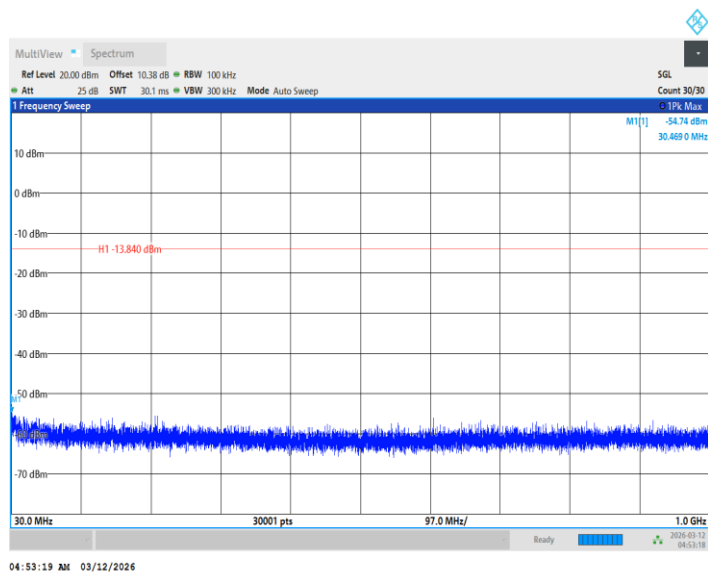
11BE20MIMO_Ant1_2462_26+52Tone / _1000~26500



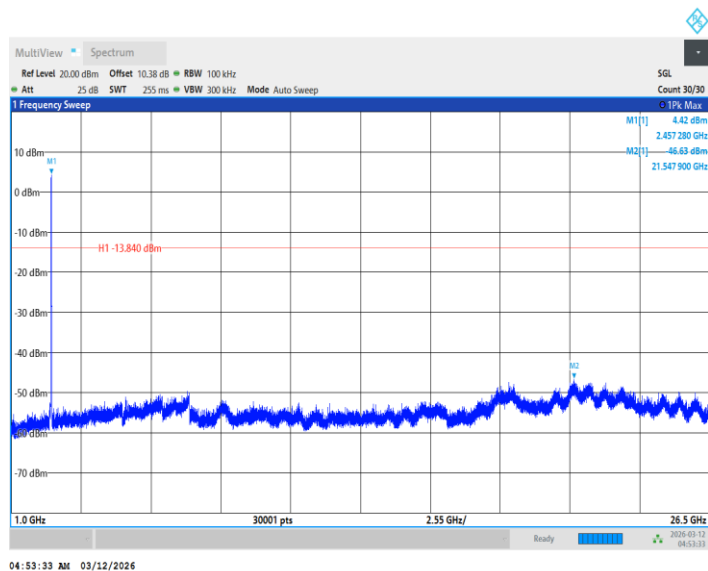
11BE20MIMO_Ant1_2462_26+106Tone/_0~Reference



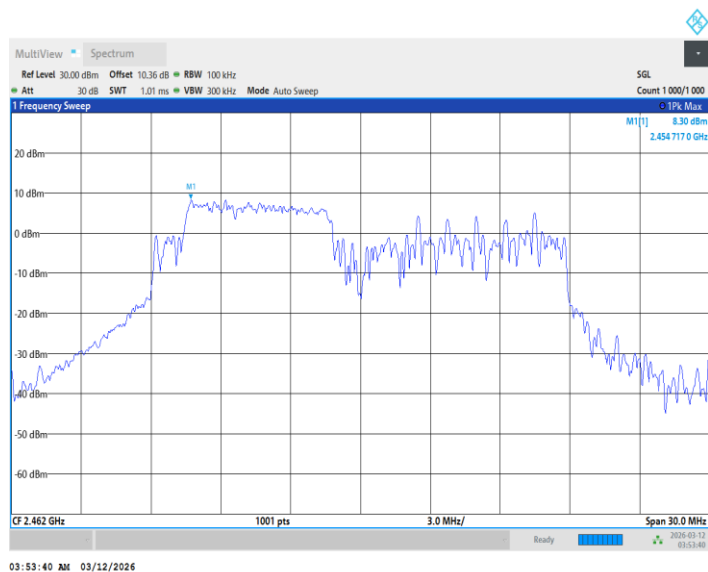
11BE20MIMO_Ant1_2462_26+106Tone/_30~1000



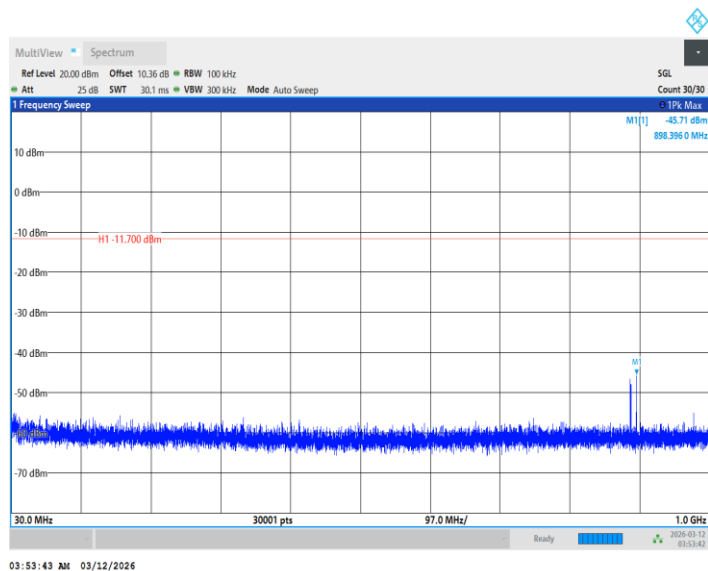
11BE20MIMO_Ant1_2462_26+106Tone / _1000~26500



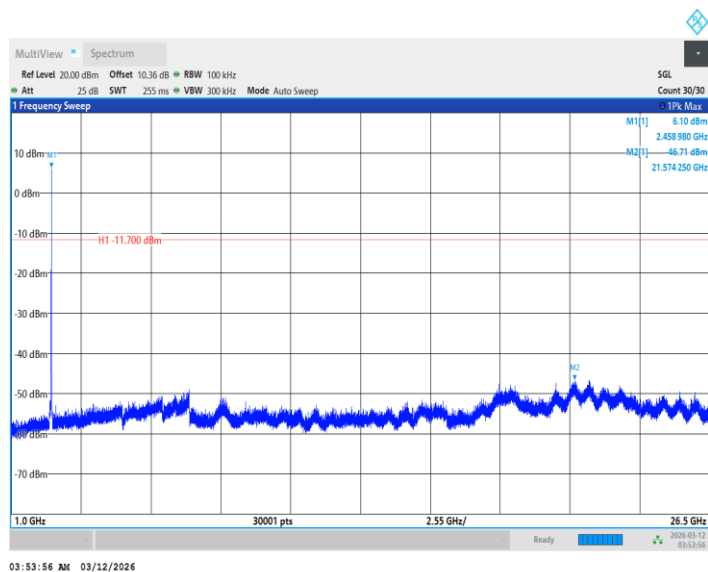
11BE20MIMO_Ant2_2462_26+52Tone / _0~Reference



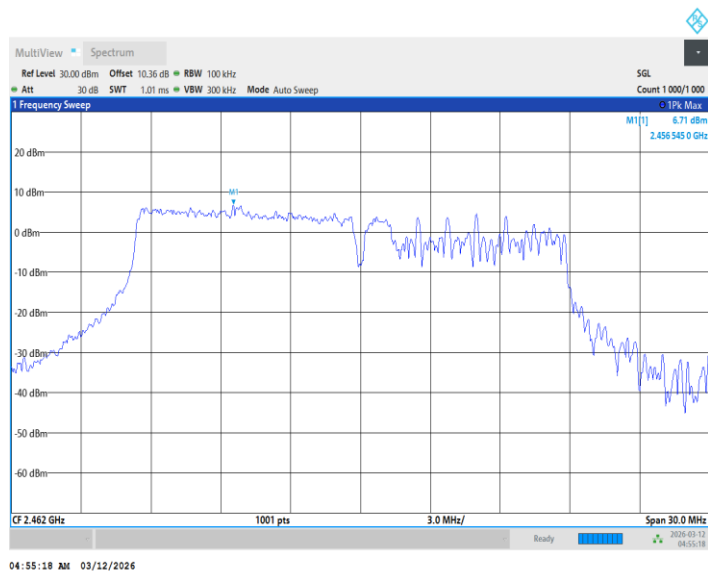
11BE20MIMO_Ant2_2462_26+52Tone / _30~1000



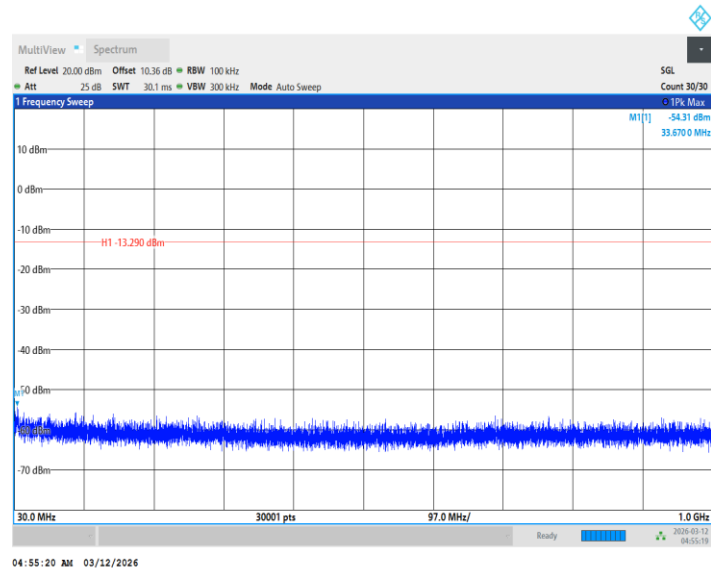
11BE20MIMO_Ant2_2462_26+52Tone / _1000~26500



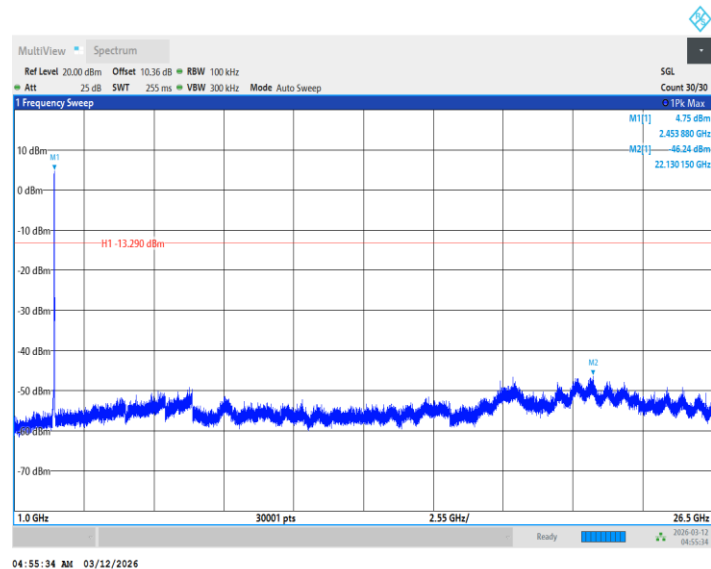
11BE20MIMO_Ant2_2462_26+106Tone / _0~Reference



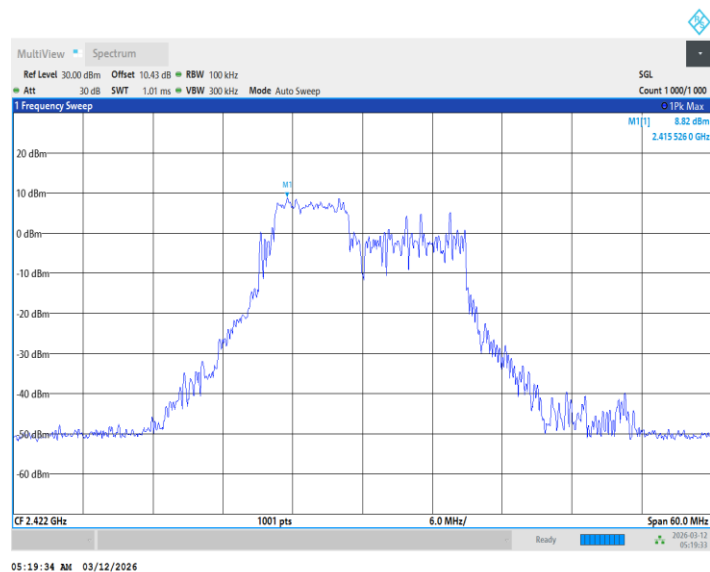
11BE20MIMO_Ant2_2462_26+106Tone / _30~1000



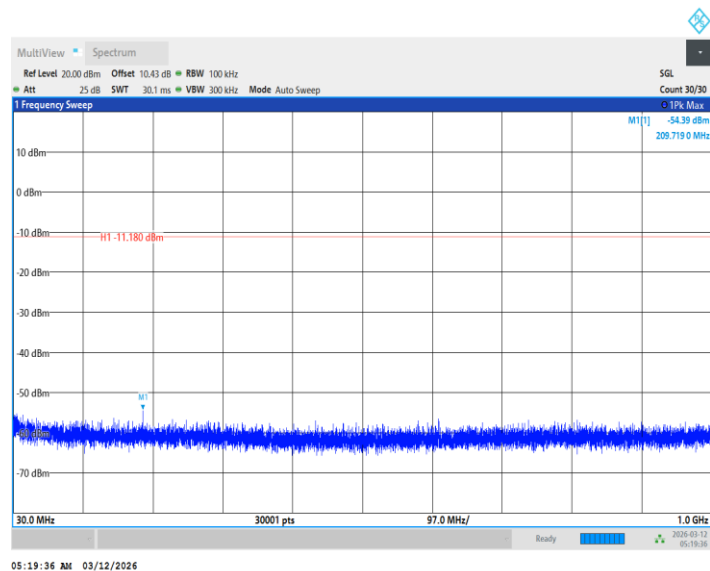
11BE20MIMO_Ant2_2462_26+106Tone / _1000~26500



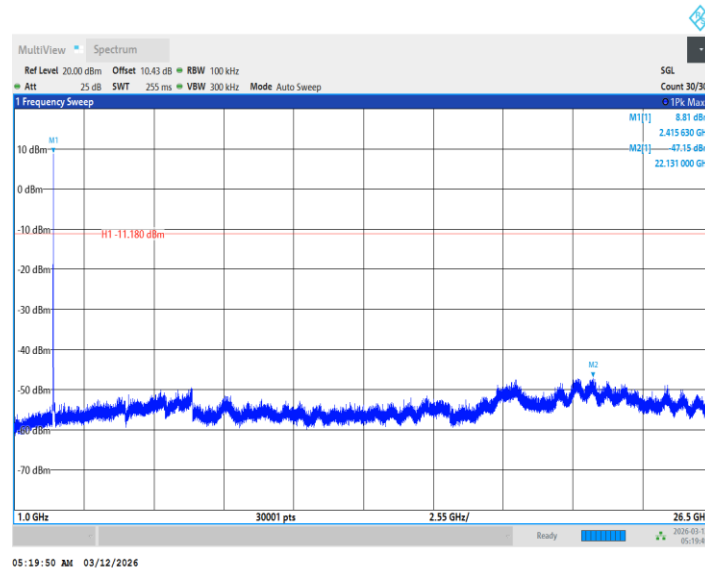
11BE40MIMO_Ant1_2422_26+52Tone / _0~Reference



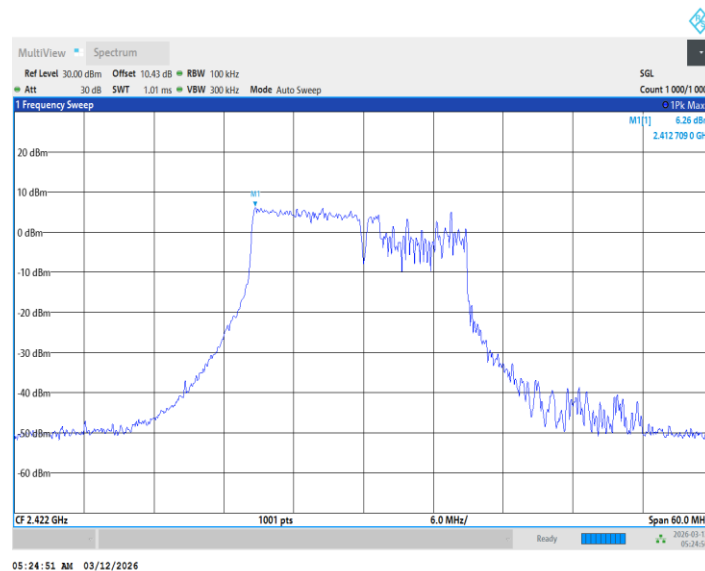
11BE40MIMO_Ant1_2422_26+52Tone / _30~1000



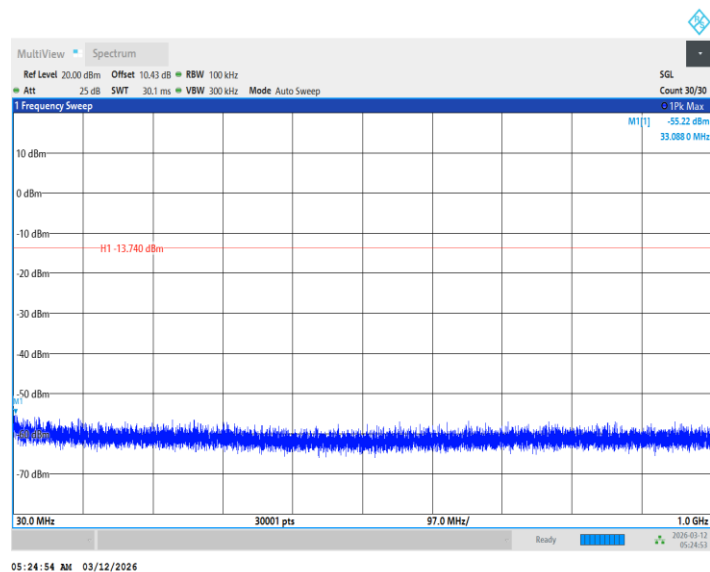
11BE40MIMO_Ant1_2422_26+52Tone / _1000~26500



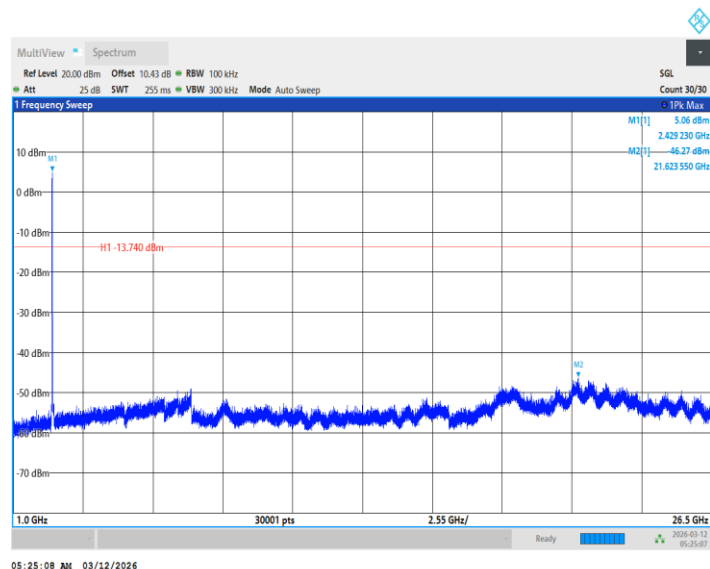
11BE40MIMO_Ant1_2422_26+106Tone/_0~Reference



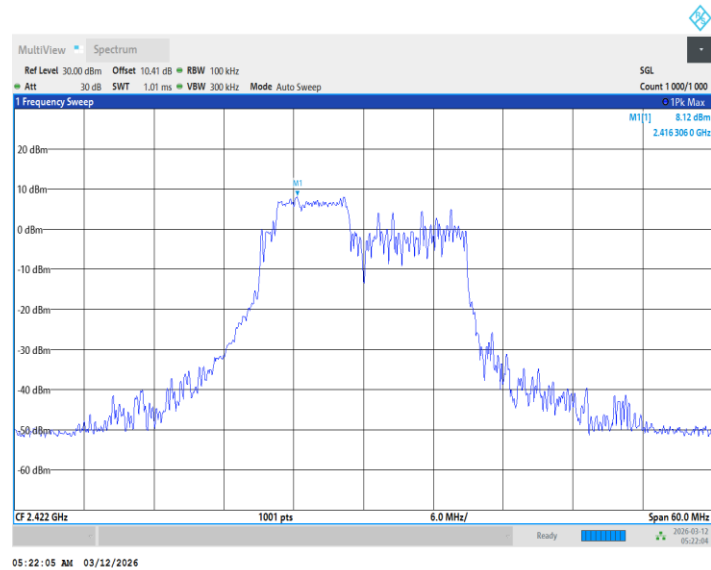
11BE40MIMO_Ant1_2422_26+106Tone/_30~1000



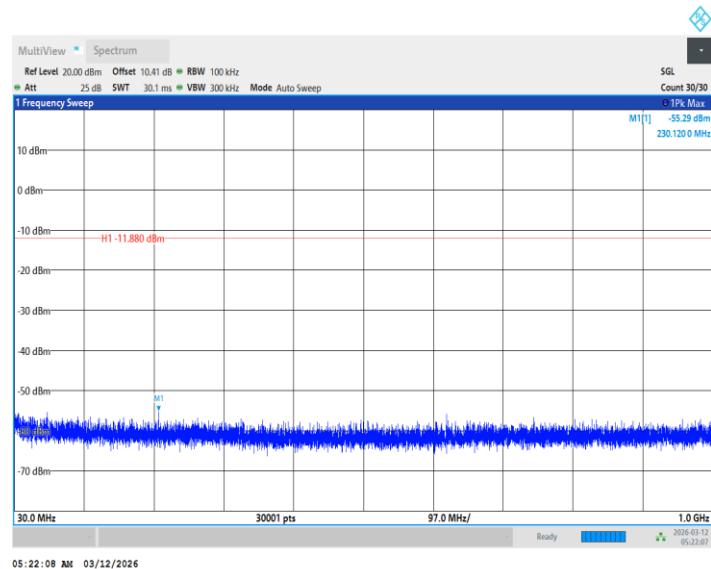
11BE40MIMO_Ant1_2422_26+106Tone / _1000~26500



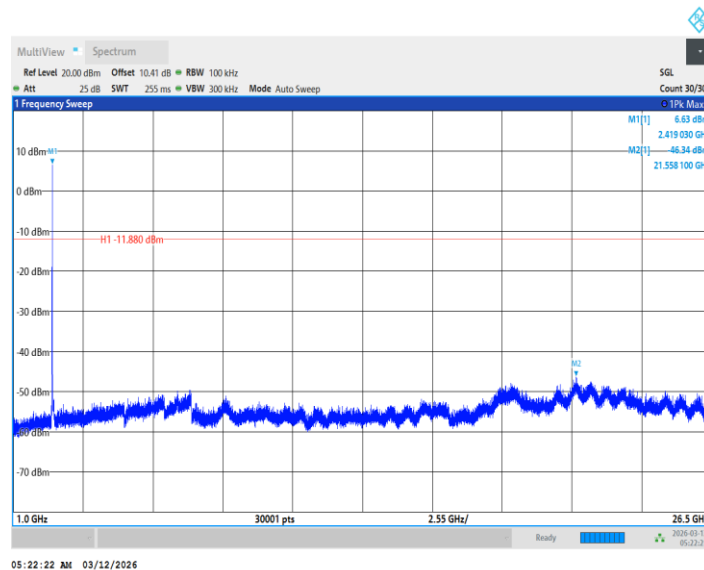
11BE40MIMO_Ant2_2422_26+52Tone / _0~Reference



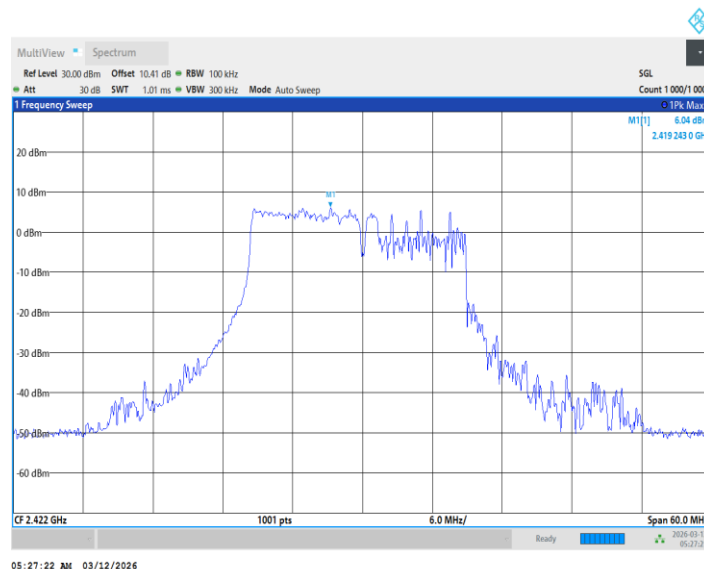
11BE40MIMO_Ant2_2422_26+52Tone / _30~1000



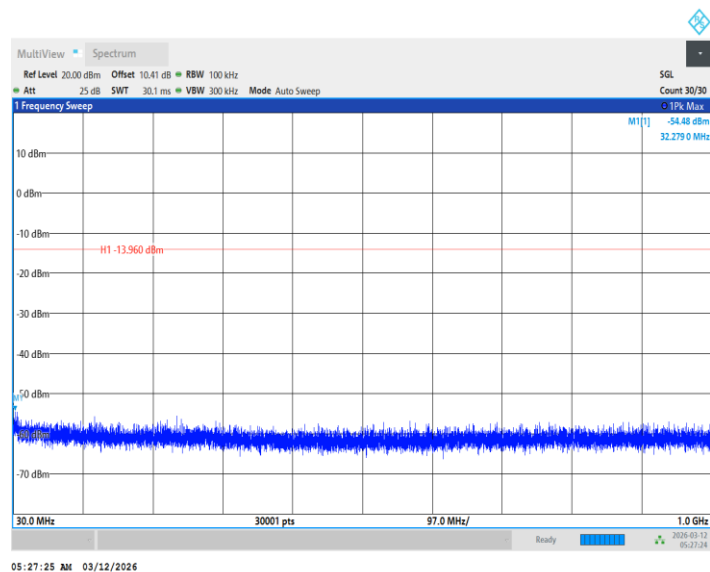
11BE40MIMO_Ant2_2422_26+52Tone / _1000~26500



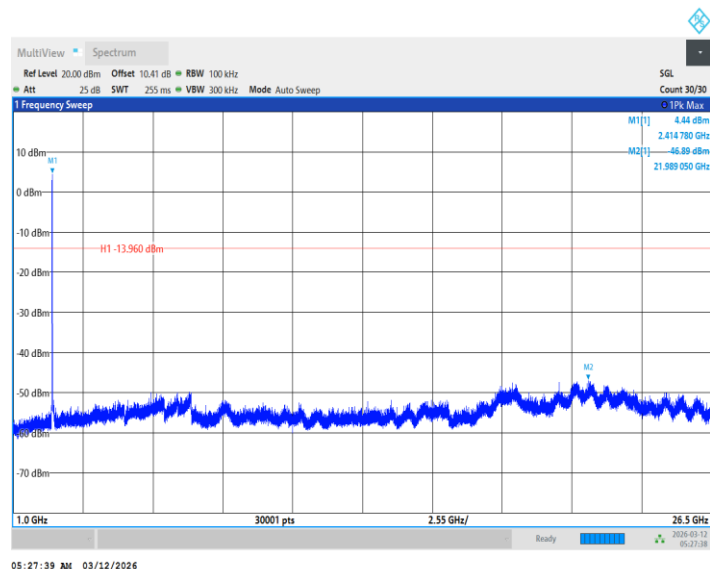
11BE40MIMO_Ant2_2422_26+106Tone/_0~Reference



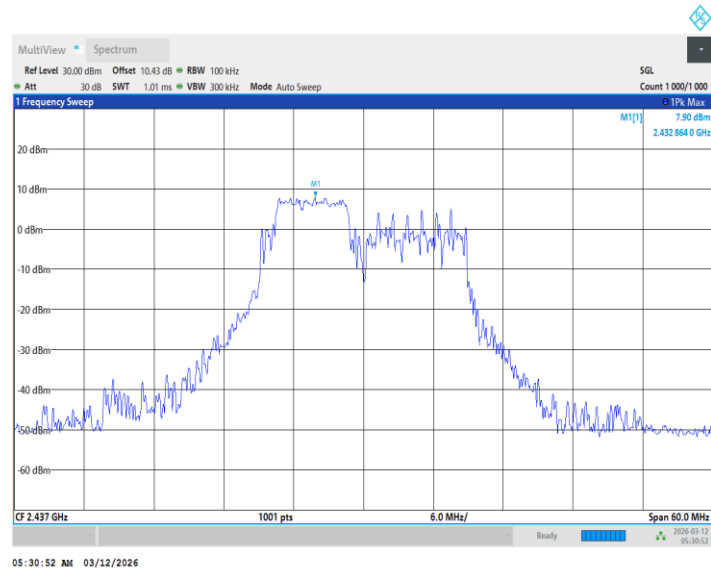
11BE40MIMO_Ant2_2422_26+106Tone/_30~1000



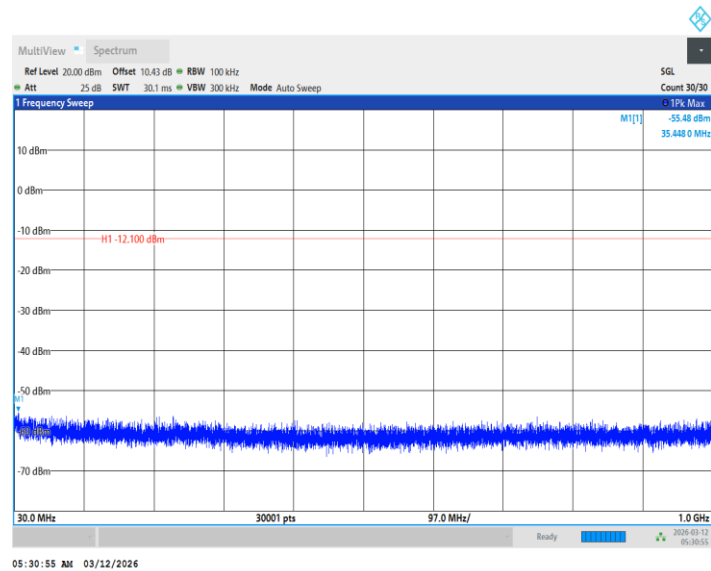
11BE40MIMO_Ant2_2422_26+106Tone / _1000~26500



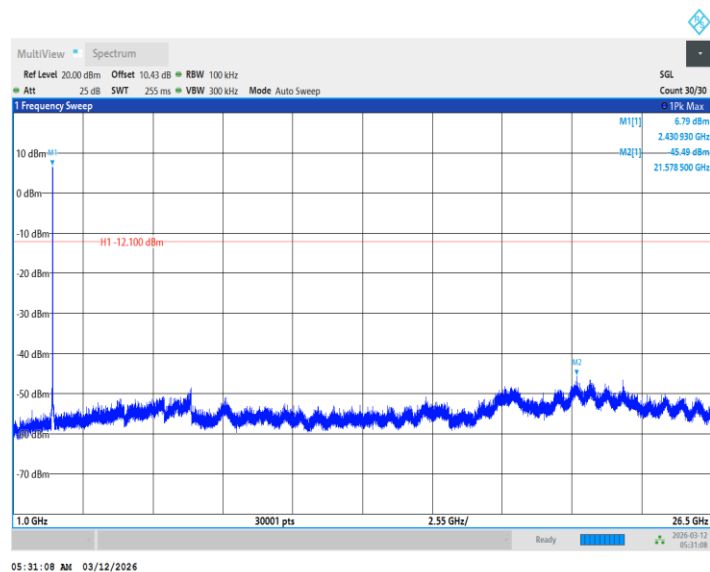
11BE40MIMO_Ant1_2437_26+52Tone / _0~Reference



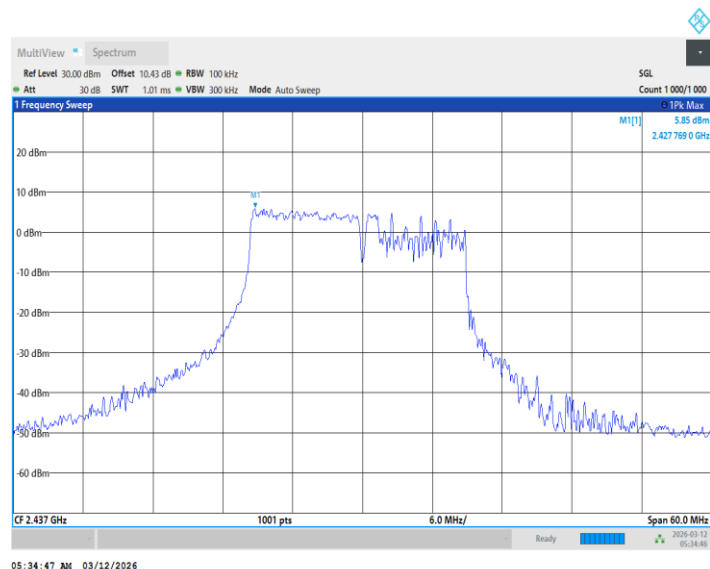
11BE40MIMO_Ant1_2437_26+52Tone/_30~1000



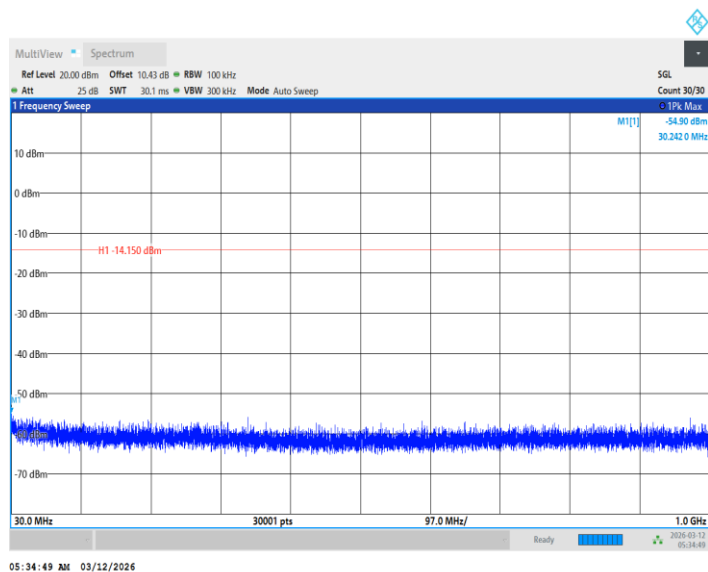
11BE40MIMO_Ant1_2437_26+52Tone/_1000~26500



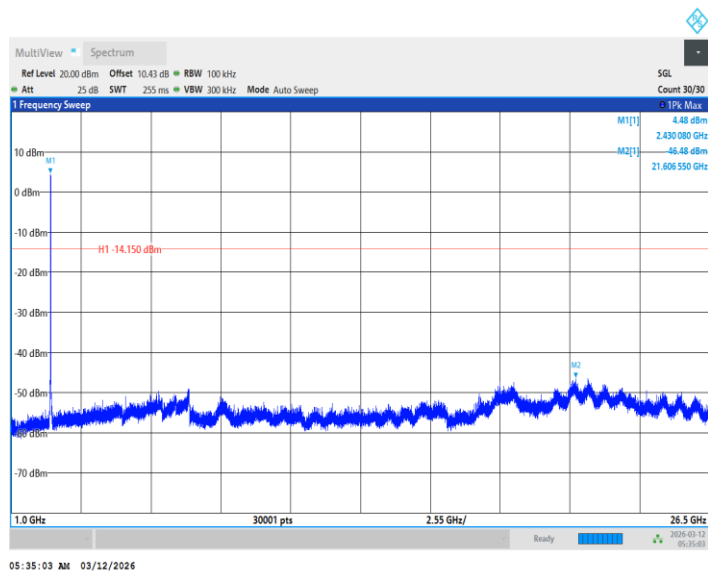
11BE40MIMO_Ant1_2437_26+106Tone/_0~Reference



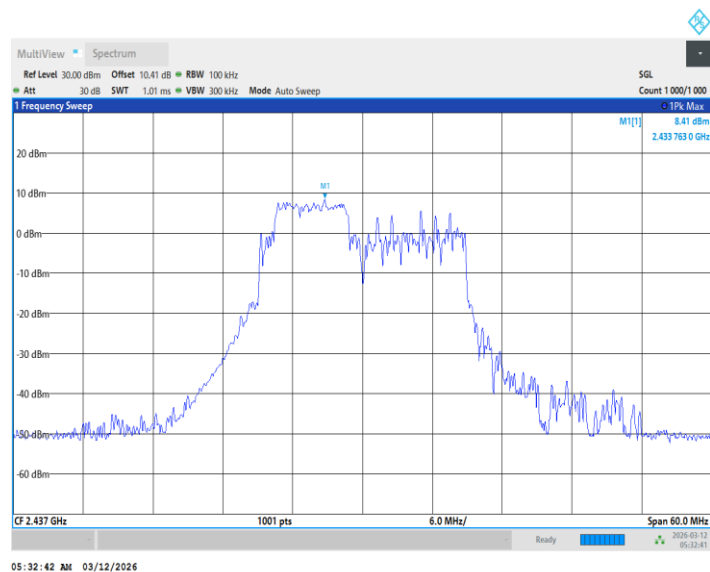
11BE40MIMO_Ant1_2437_26+106Tone/_30~1000



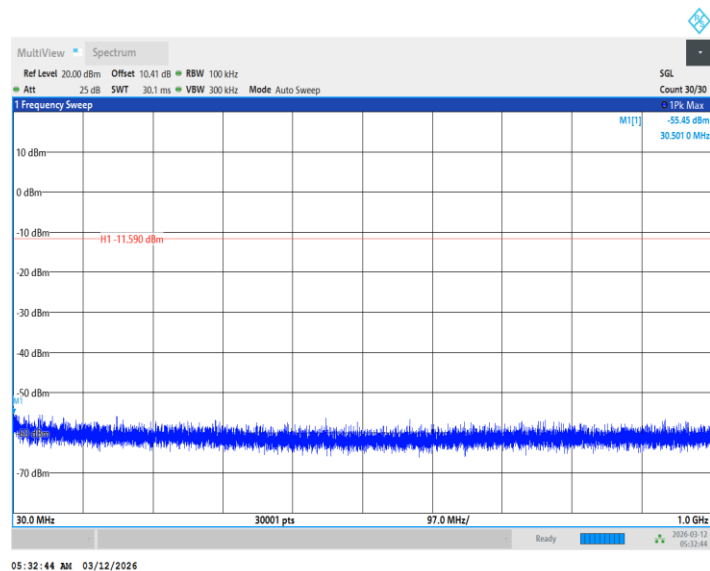
11BE40MIMO_Ant1_2437_26+106Tone / _1000~26500



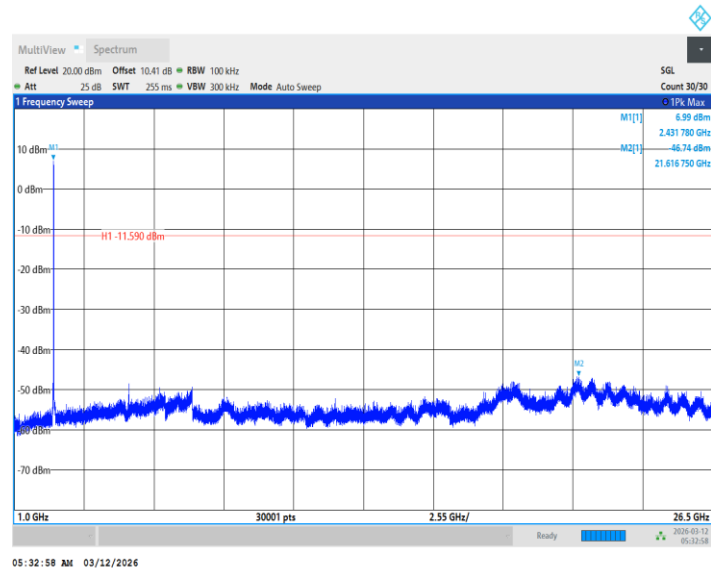
11BE40MIMO_Ant2_2437_26+52Tone / _0~Reference



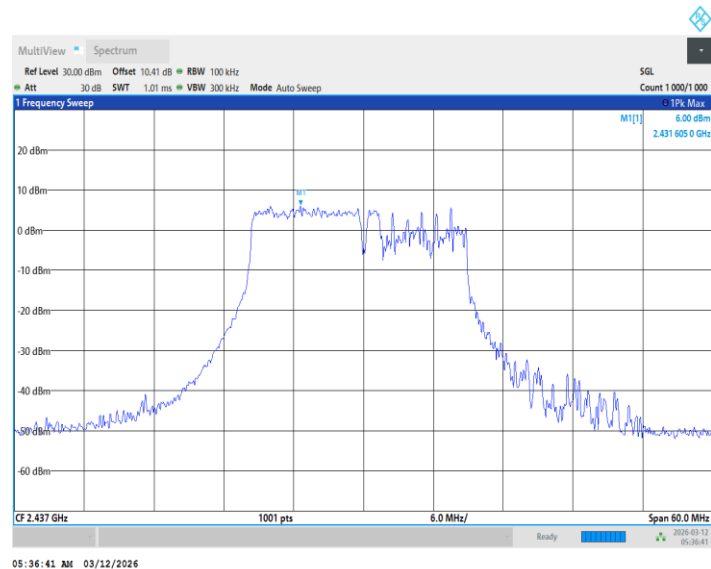
11BE40MIMO_Ant2_2437_26+52Tone / _30~1000



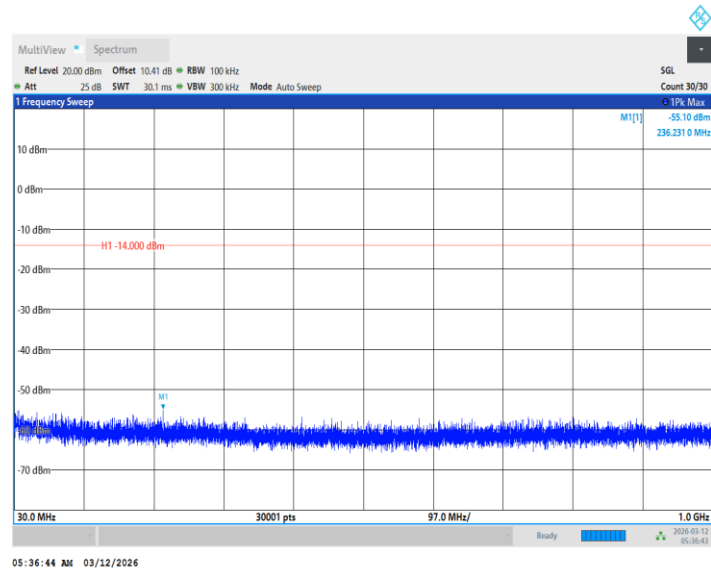
11BE40MIMO_Ant2_2437_26+52Tone / _1000~26500



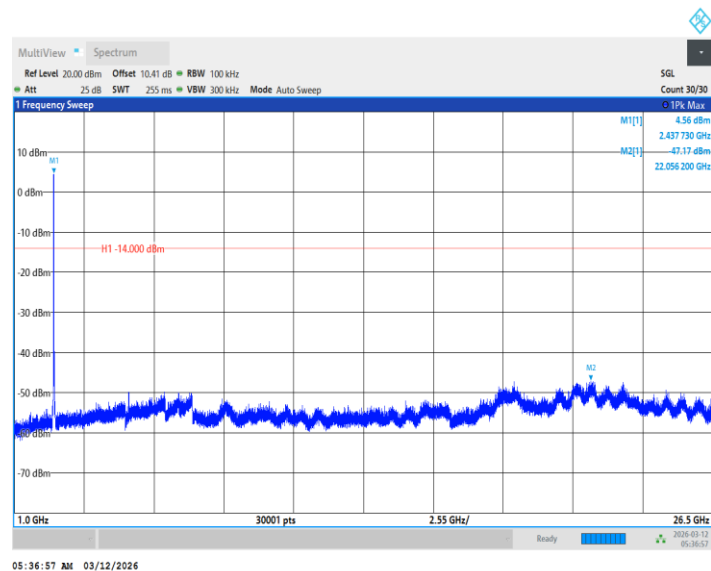
11BE40MIMO_Ant2_2437_26+106Tone/_0~Reference



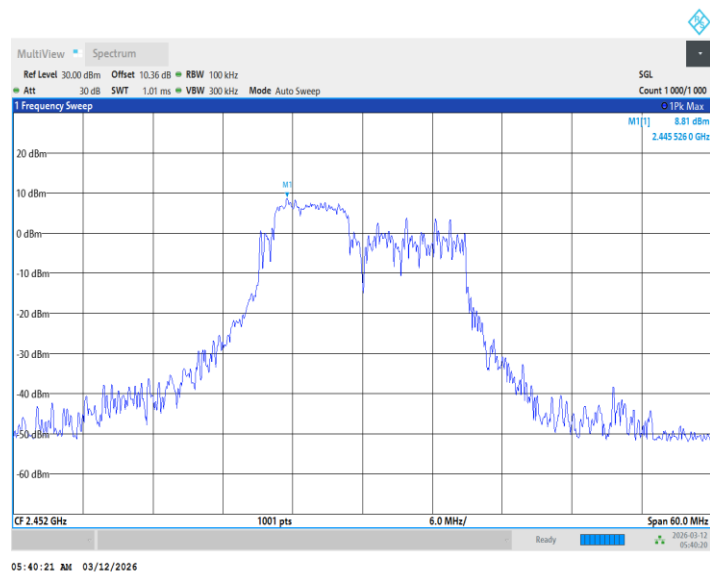
11BE40MIMO_Ant2_2437_26+106Tone/_30~1000



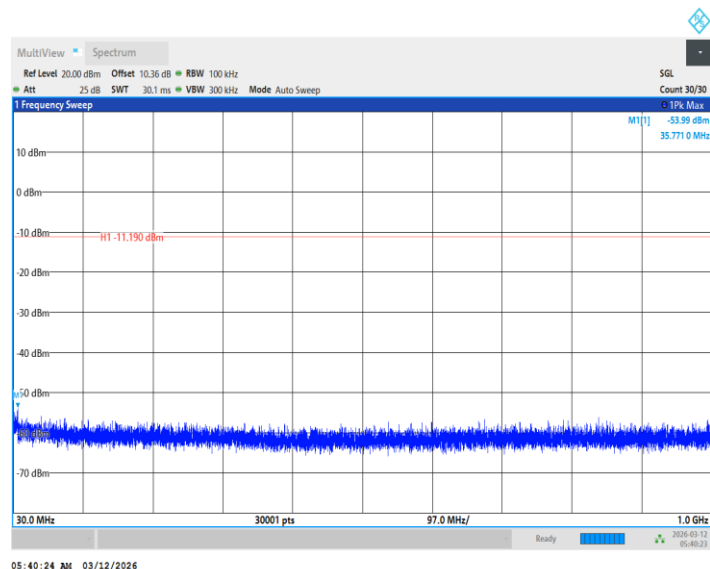
11BE40MIMO_Ant2_2437_26+106Tone / _1000~26500



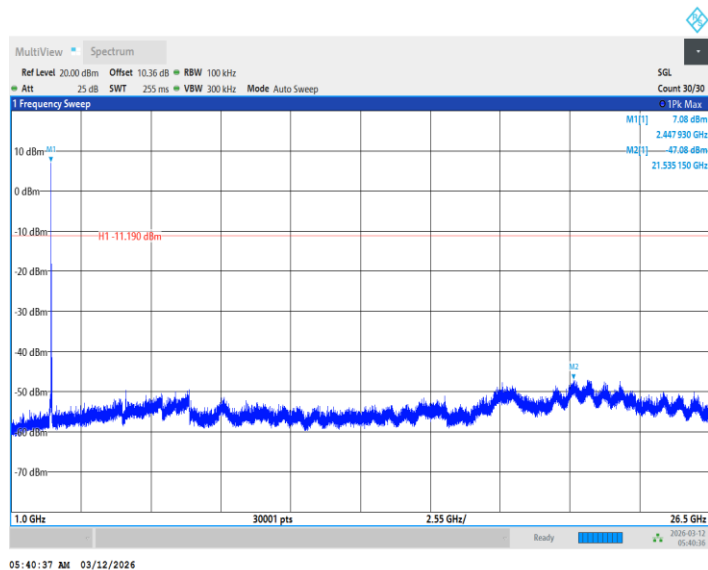
11BE40MIMO_Ant1_2452_26+52Tone / _0~Reference



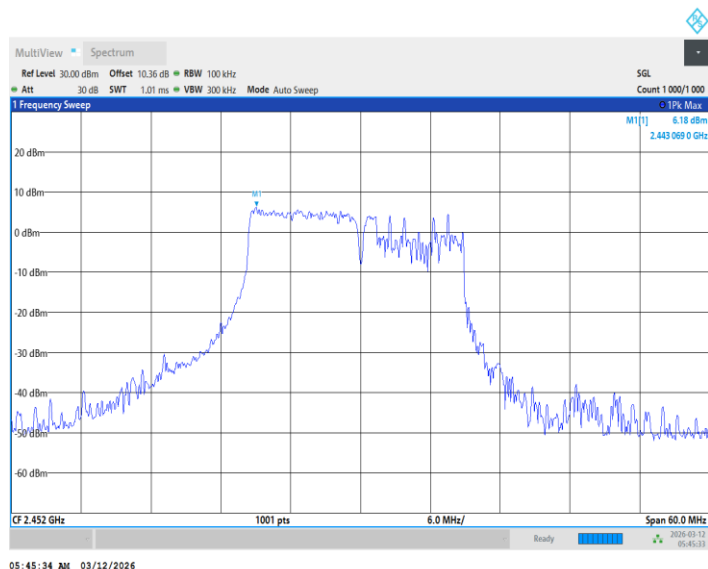
11BE40MIMO_Ant1_2452_26+52Tone / _30~1000



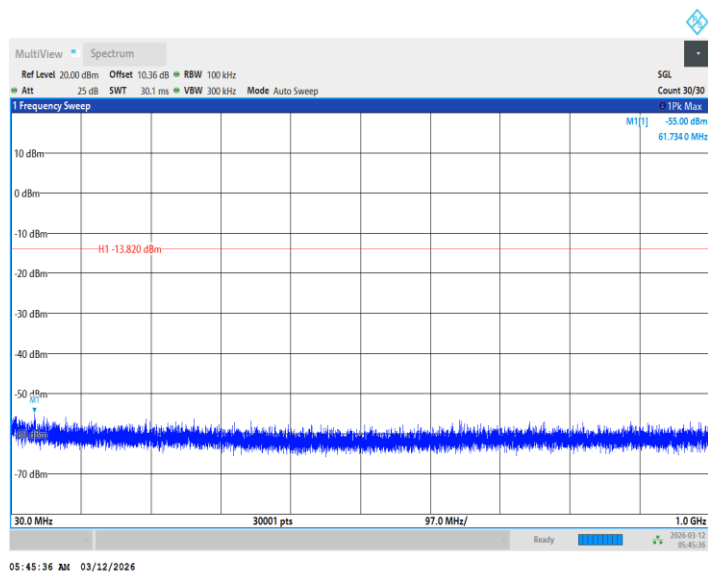
11BE40MIMO_Ant1_2452_26+52Tone / _1000~26500



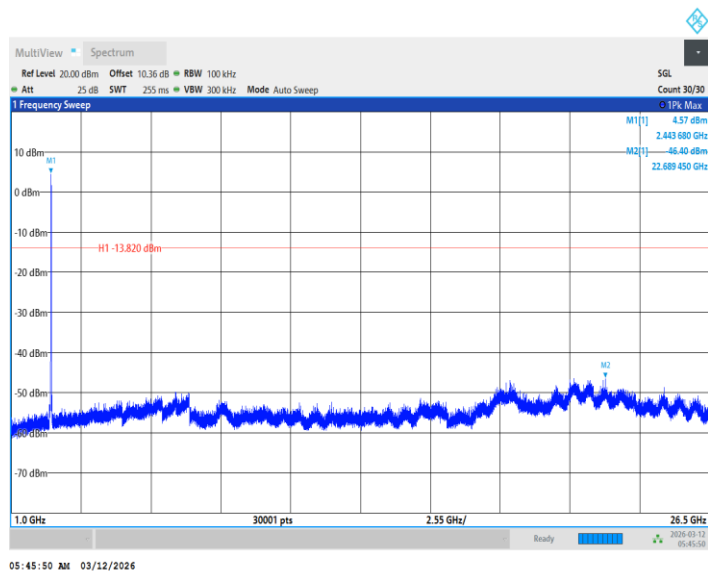
11BE40MIMO_Ant1_2452_26+106Tone/_0~Reference



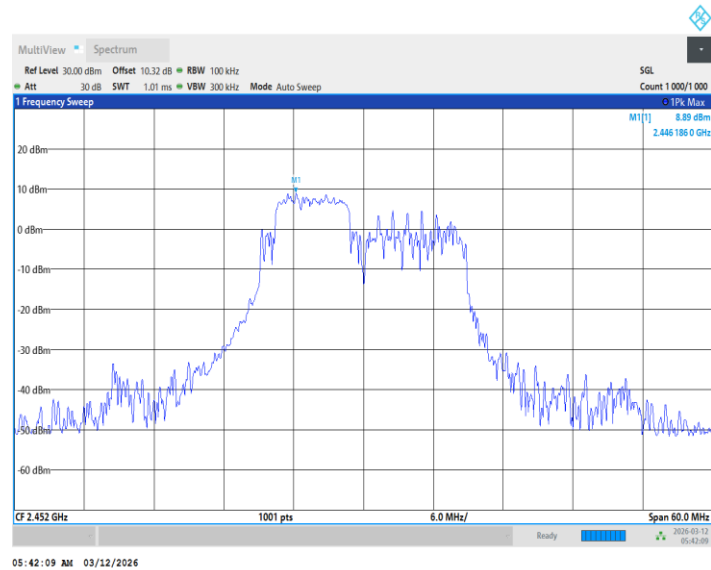
11BE40MIMO_Ant1_2452_26+106Tone/_30~1000



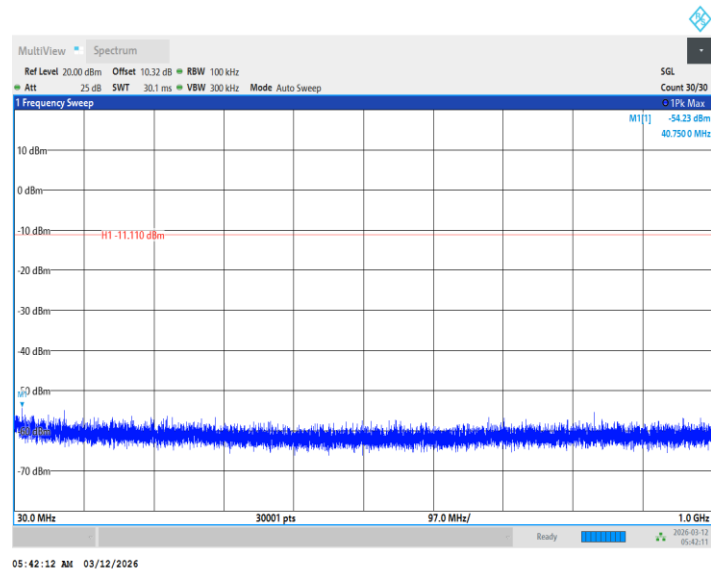
11BE40MIMO_Ant1_2452_26+106Tone / _1000~26500



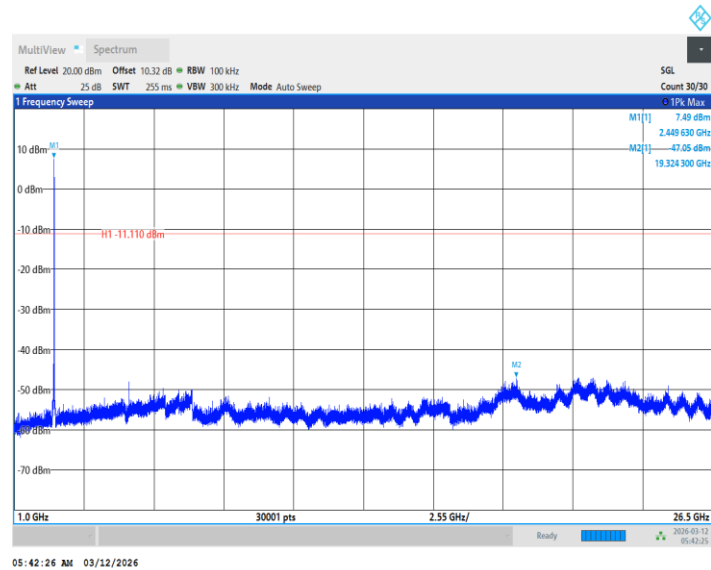
11BE40MIMO_Ant2_2452_26+52Tone / _0~Reference



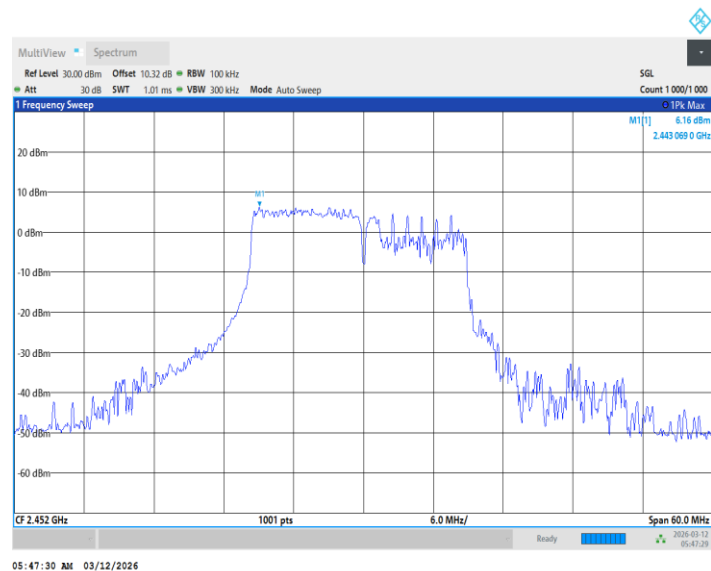
11BE40MIMO_Ant2_2452_26+52Tone / _30~1000



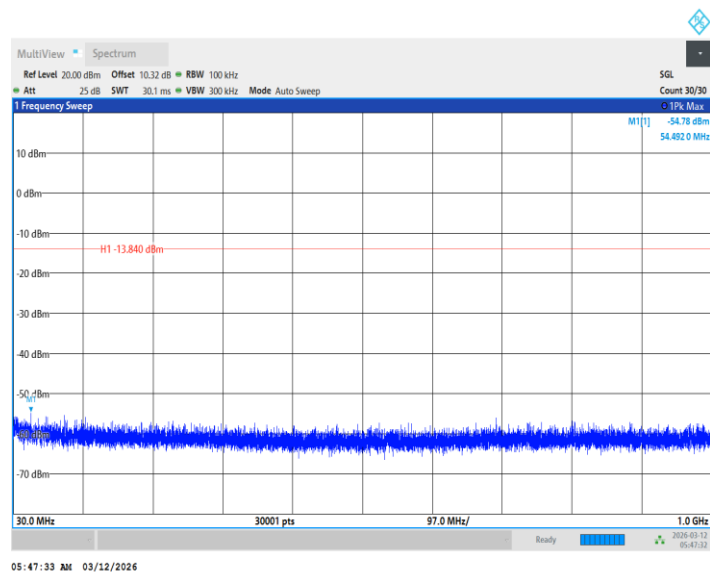
11BE40MIMO_Ant2_2452_26+52Tone / _1000~26500



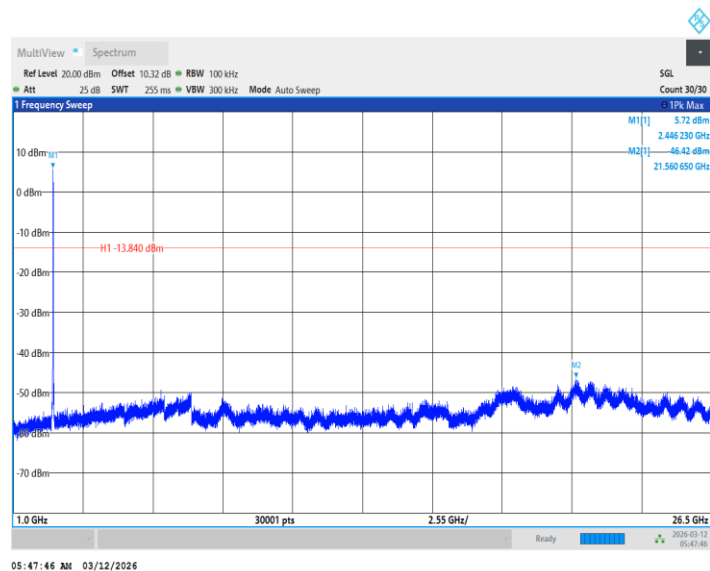
11BE40MIMO_Ant2_2452_26+106Tone/_0~Reference



11BE40MIMO_Ant2_2452_26+106Tone/_30~1000



11BE40MIMO_Ant2_2452_26+106Tone/_1000~26500



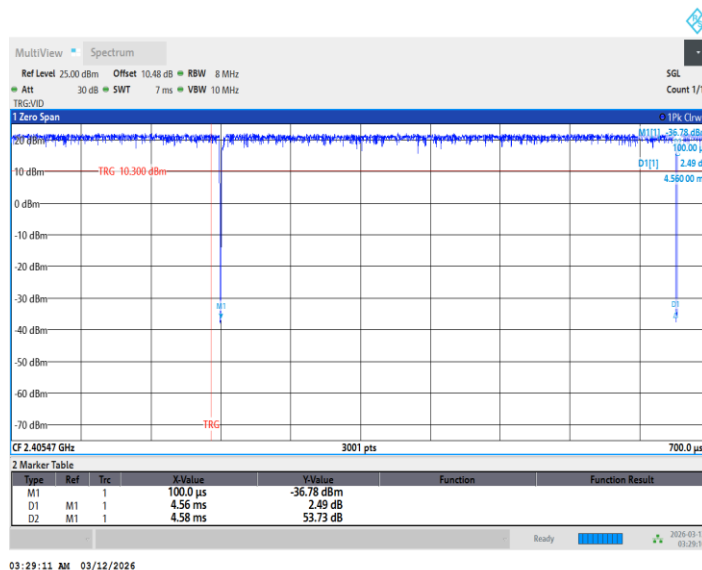
DUTY CYCLE

TEST RESULT

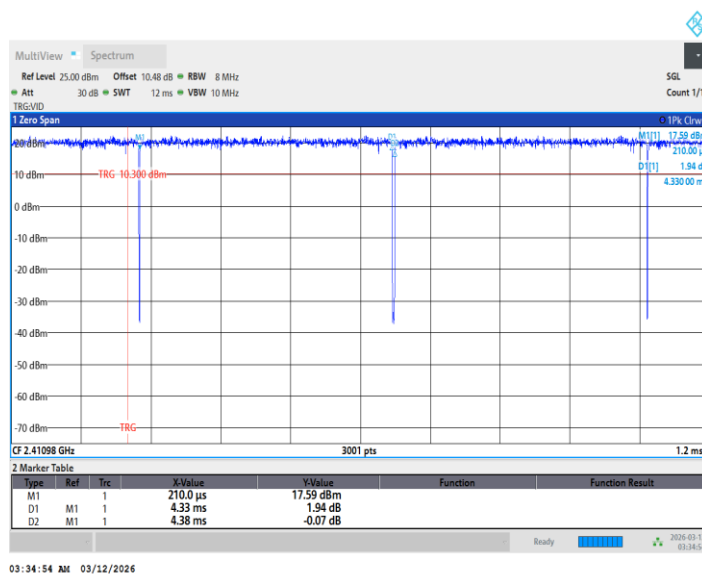
TestMode	Antenna	Freq(MHz)	RuSize	RuIndex	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11BE20MIMO	Ant1	2412	26+52Tone	/	4.56	4.58	99.56
			26+106Tone	/	4.33	4.38	98.86
	Ant2	2412	26+52Tone	/	4.55	4.57	99.56
			26+106Tone	/	4.34	4.35	99.77
11BE40MIMO	Ant1	2422	26+52Tone	/	4.56	4.60	99.13
			26+106Tone	/	4.33	4.38	98.86
	Ant2	2422	26+52Tone	/	4.55	4.57	99.56
			26+106Tone	/	4.34	4.35	99.77
	Ant1	2437	26+52Tone	/	4.55	4.60	98.91
	Ant2	2437	26+52Tone	/	4.55	4.57	99.56
	Ant1	2452	26+52Tone	/	4.56	4.57	99.78
			26+106Tone	/	4.33	4.35	99.54
	Ant2	2452	26+52Tone	/	4.55	4.57	99.56
			26+106Tone	/	4.33	4.35	99.54

TEST GRAPHS

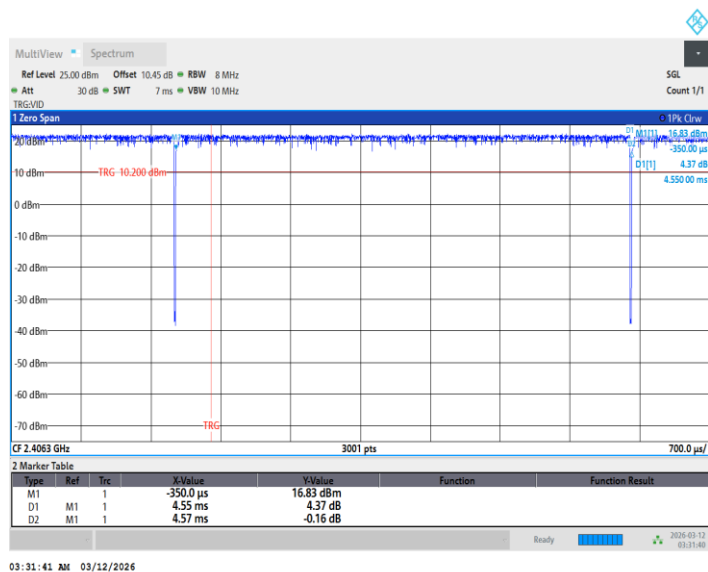
11BE20MIMO_Ant1_2412_26+52Tone_



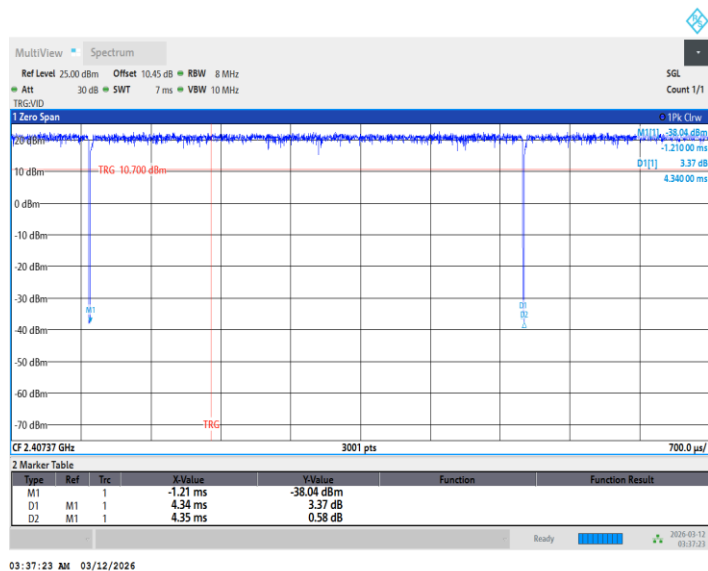
11BE20MIMO_Ant1_2412_26+106Tone_



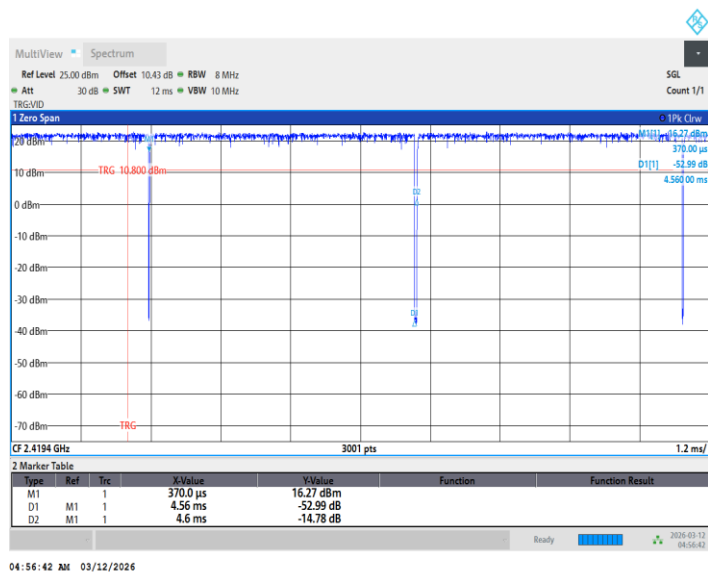
11BE20MIMO_Ant2_2412_26+52Tone_



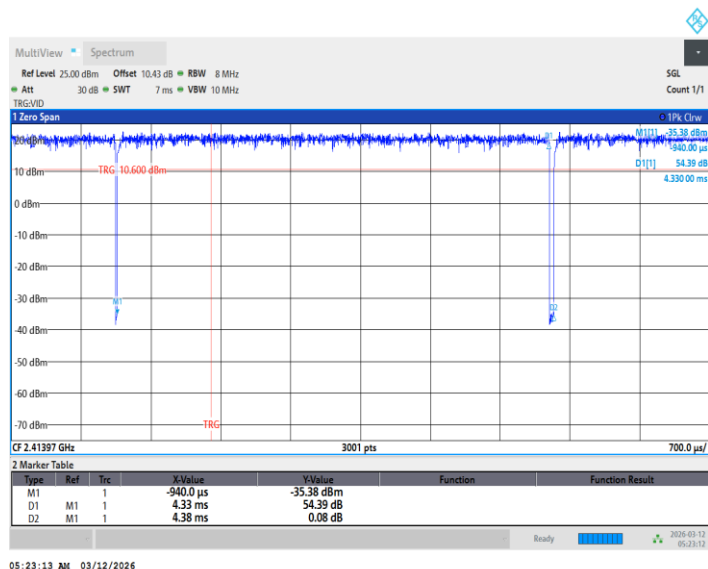
11BE20MIMO_Ant2_2412_26+106Tone_ /



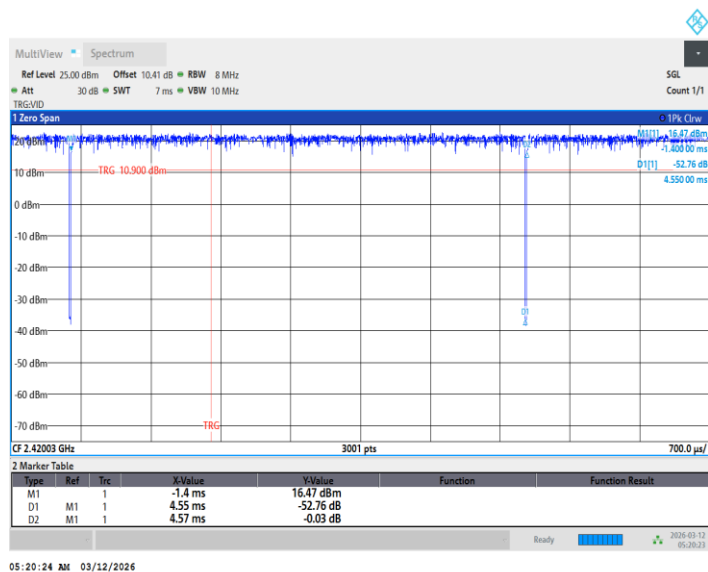
11BE40MIMO_Ant1_2422_26+52Tone_ /



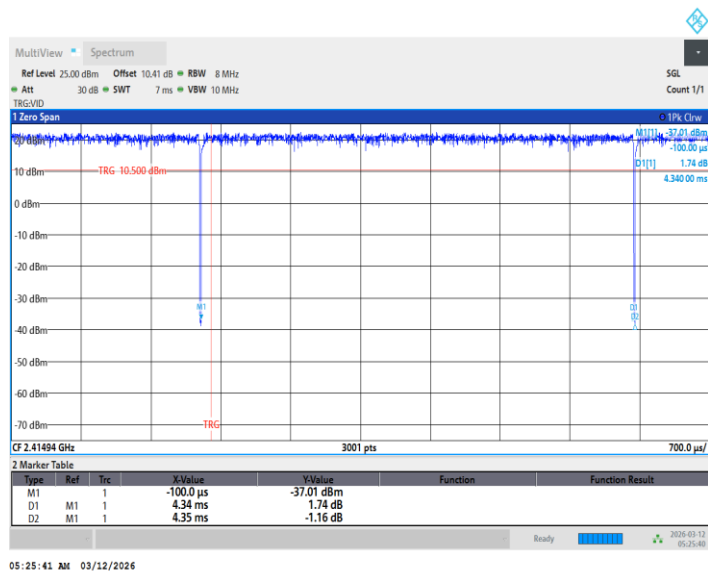
11BE40MIMO_Ant1_2422_26+106Tone_ /



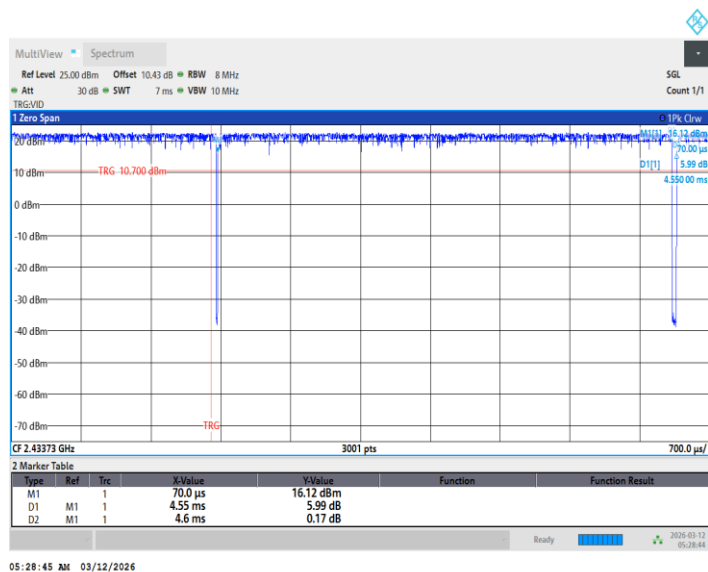
11BE40MIMO_Ant2_2422_26+52Tone_ /



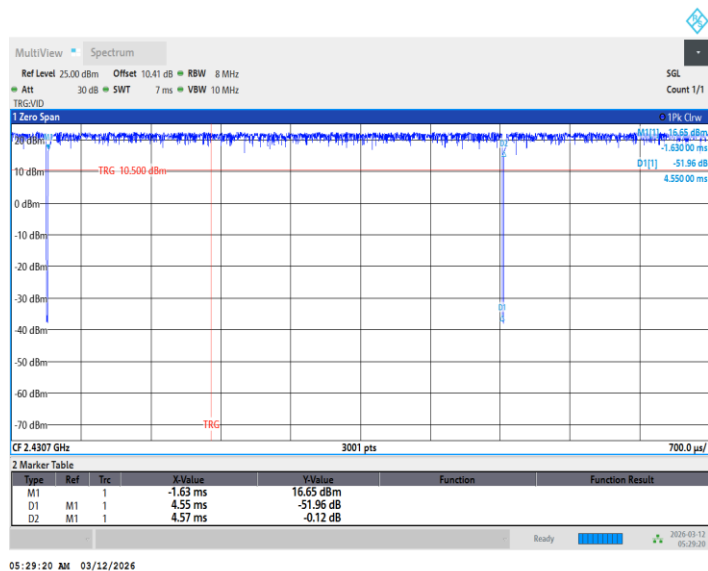
11BE40MIMO_Ant2_2422_26+106Tone_ /



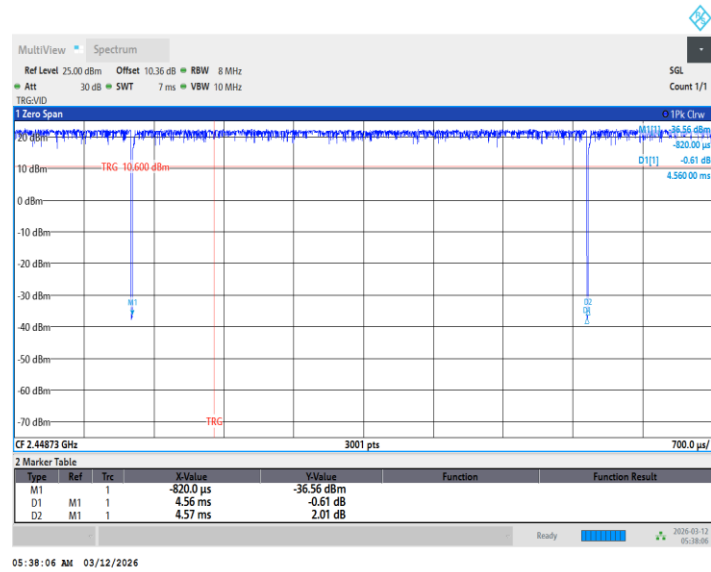
11BE40MIMO_Ant1_2437_26+52Tone_ /



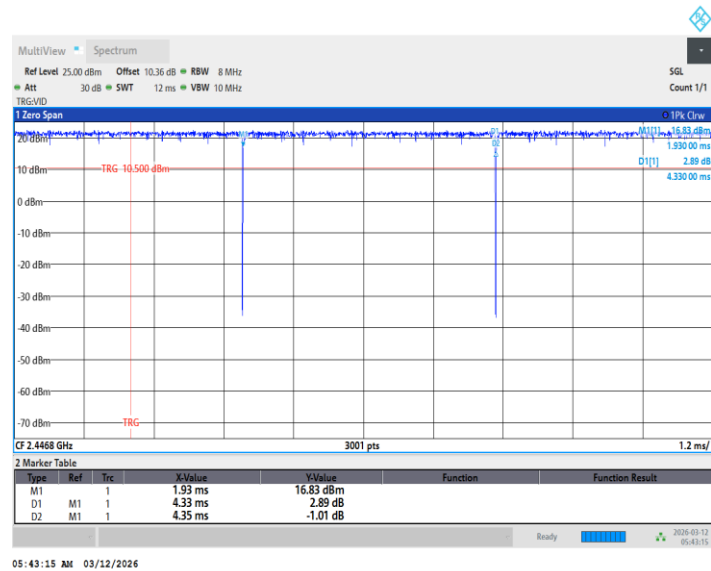
11BE40MIMO_Ant2_2437_26+52Tone_ /



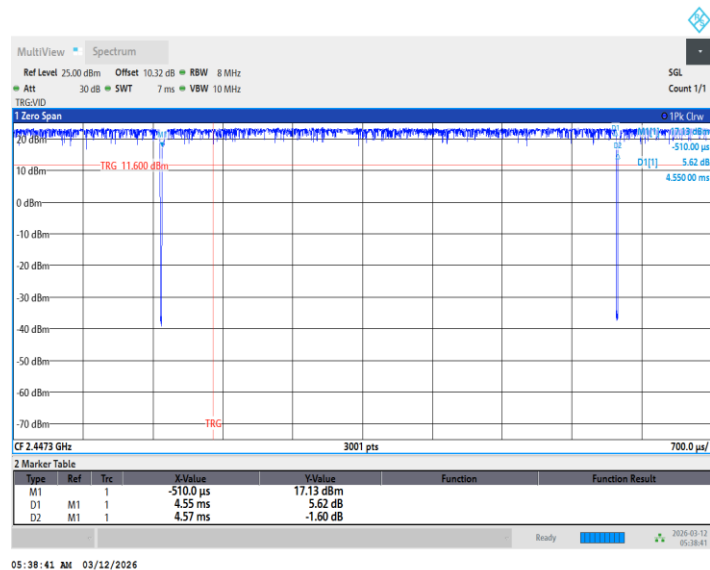
11BE40MIMO_Ant1_2452_26+52Tone_ /



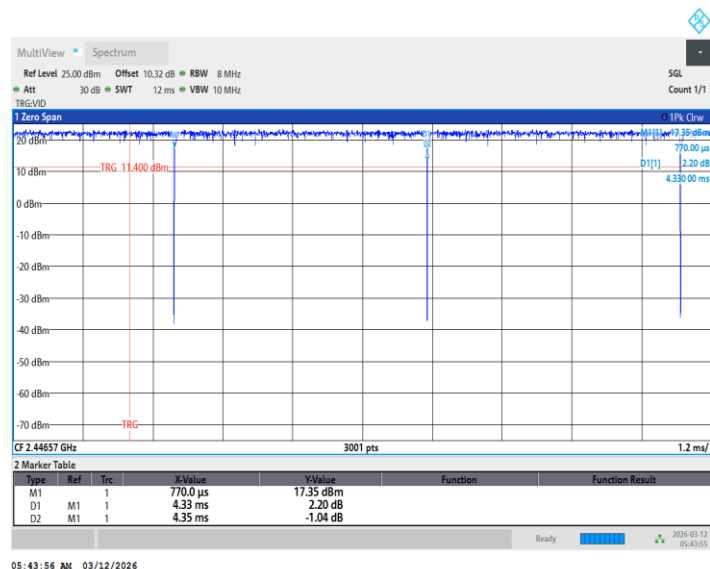
11BE40MIMO_Ant1_2452_26+106Tone_ /



11BE40MIMO_Ant2_2452_26+52Tone_ /



11BE40MIMO_Ant2_2452_26+106Tone_ /

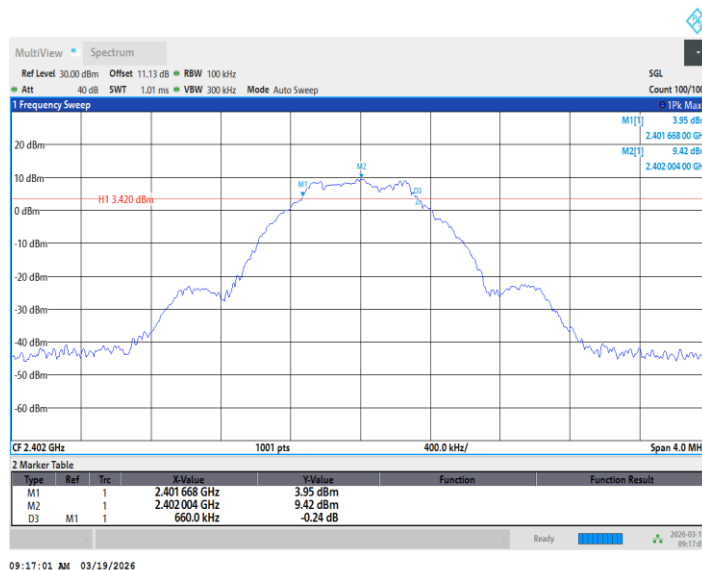


9 APPENDIX D:BLE DTS BANDWIDTH

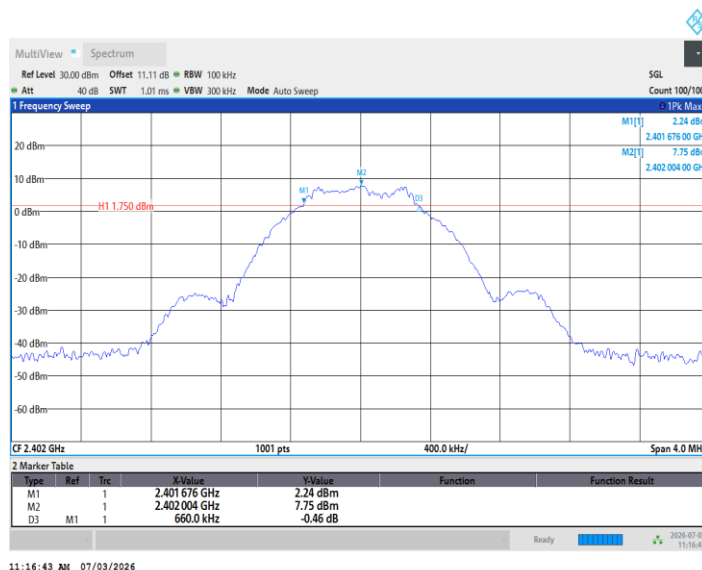
TEST RESULT

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.67	2402.33	0.5	PASS
	Ant2	2402	0.66	2401.68	2402.34	0.5	PASS
	Ant1	2440	0.69	2439.65	2440.34	0.5	PASS
	Ant2	2440	0.67	2439.66	2440.33	0.5	PASS
	Ant1	2480	0.68	2479.65	2480.33	0.5	PASS
	Ant2	2480	0.66	2479.67	2480.33	0.5	PASS
BLE_2M	Ant1	2404	1.14	2403.43	2404.57	0.5	PASS
	Ant2	2404	1.13	2403.43	2404.56	0.5	PASS
	Ant1	2440	1.28	2439.33	2440.60	0.5	PASS
	Ant2	2440	1.14	2439.42	2440.56	0.5	PASS
	Ant1	2478	1.07	2477.48	2478.55	0.5	PASS
	Ant2	2478	0.55	2479.45	0.00	0.5	PASS
BLE_125K	Ant1	2402	0.68	2401.66	2402.34	0.5	PASS
	Ant2	2402	0.63	2401.68	2402.32	0.5	PASS
	Ant1	2440	0.64	2439.68	2440.32	0.5	PASS
	Ant2	2440	0.68	2439.66	2440.34	0.5	PASS
	Ant1	2480	0.68	2479.66	2480.34	0.5	PASS
	Ant2	2480	0.67	2479.66	2480.33	0.5	PASS
BLE_500K	Ant1	2402	0.66	2401.68	2402.33	0.5	PASS
	Ant2	2402	0.67	2401.67	2402.34	0.5	PASS
	Ant1	2440	0.65	2439.68	2440.34	0.5	PASS
	Ant2	2440	0.66	2439.68	2440.34	0.5	PASS
	Ant1	2480	0.62	2479.70	2480.32	0.5	PASS
	Ant2	2480	0.66	2479.68	2480.33	0.5	PASS

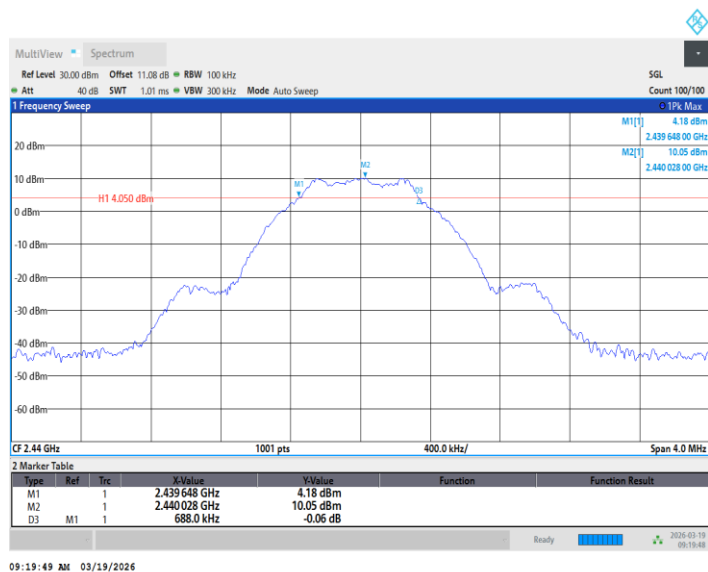
BLE_1M_Ant1_2402



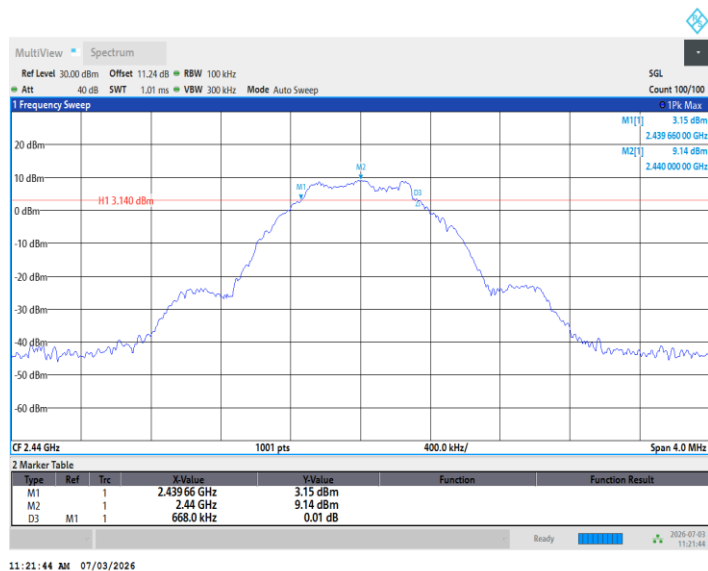
BLE_1M_Ant2_2402



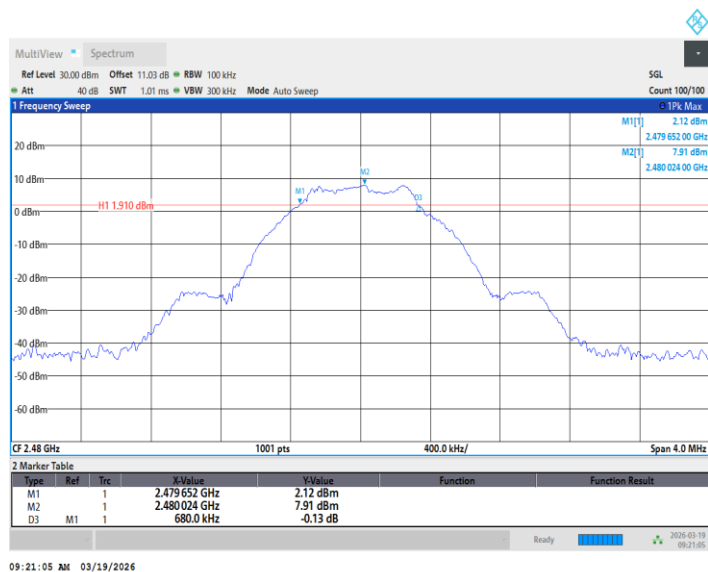
BLE_1M_Ant1_2440



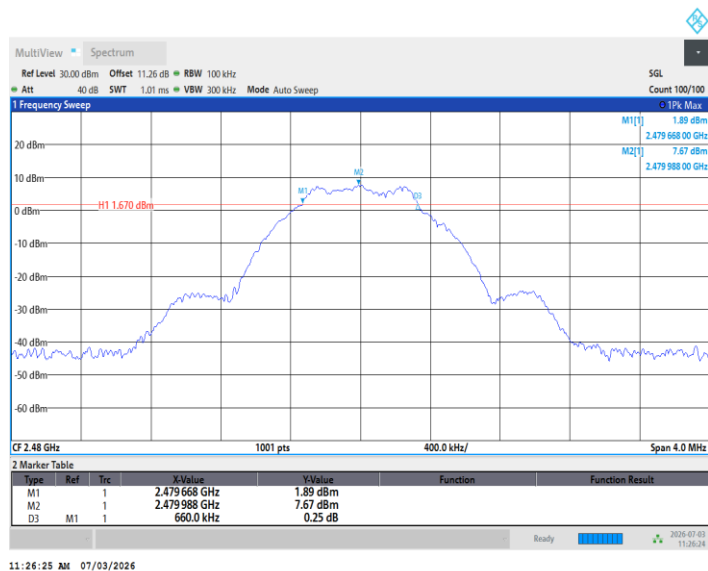
BLE_1M_Ant2_2440



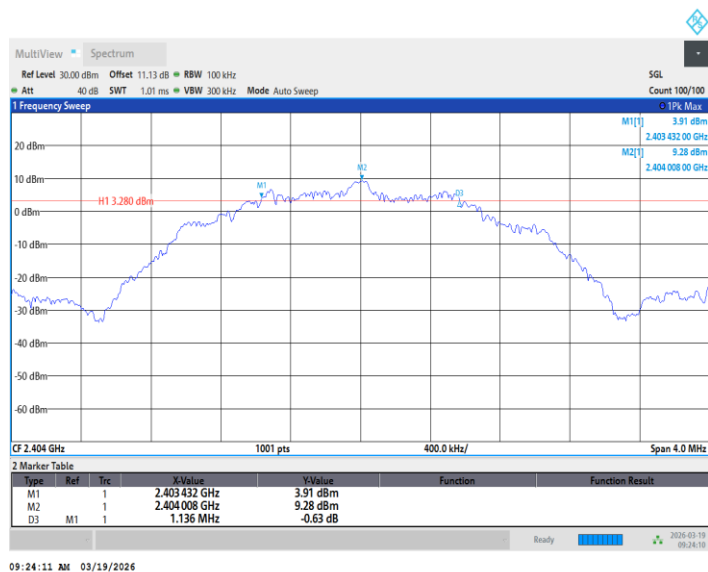
BLE_1M_Ant1_2480



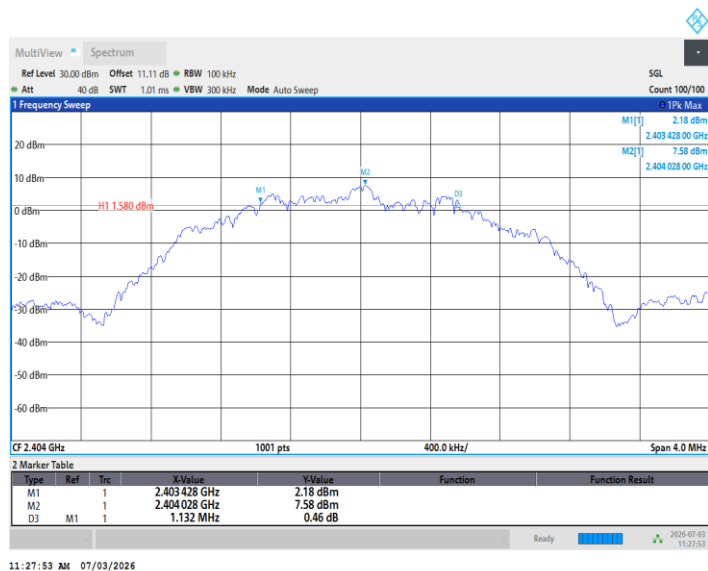
BLE_1M_Ant2_2480



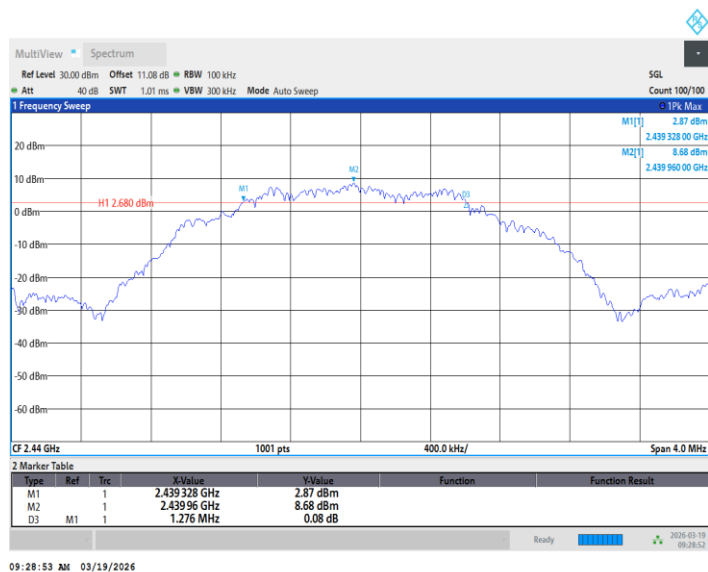
BLE_2M_Ant1_2404



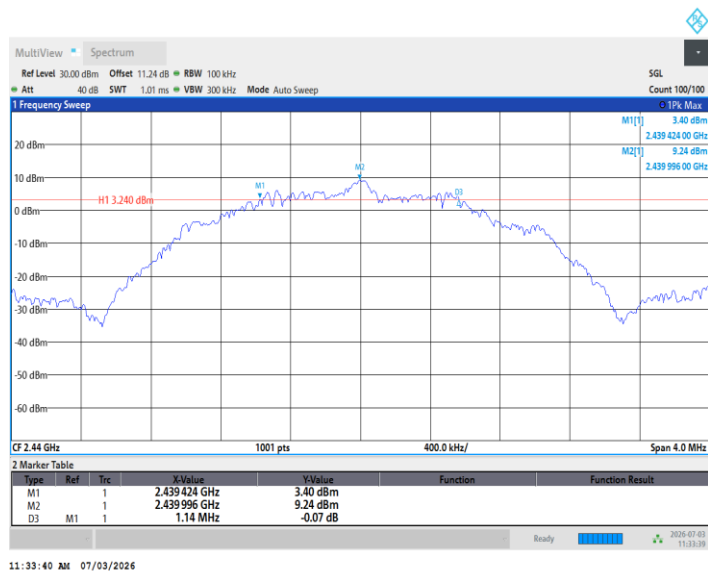
BLE_2M_Ant2_2404



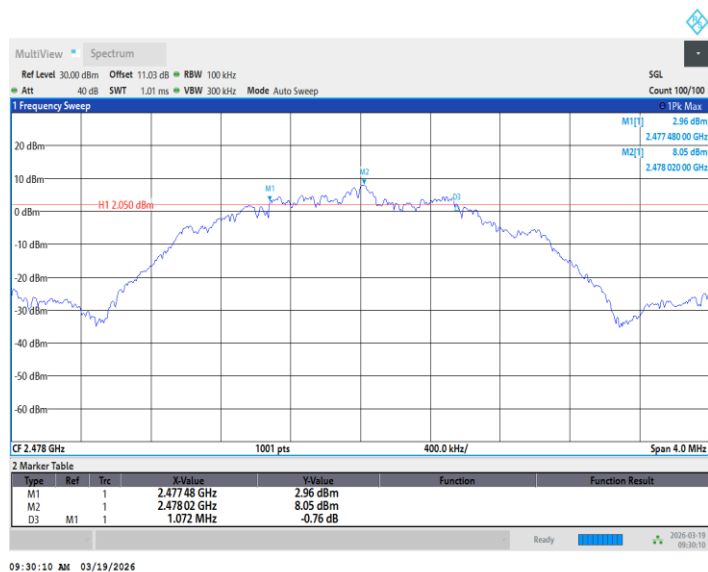
BLE_2M_Ant1_2440



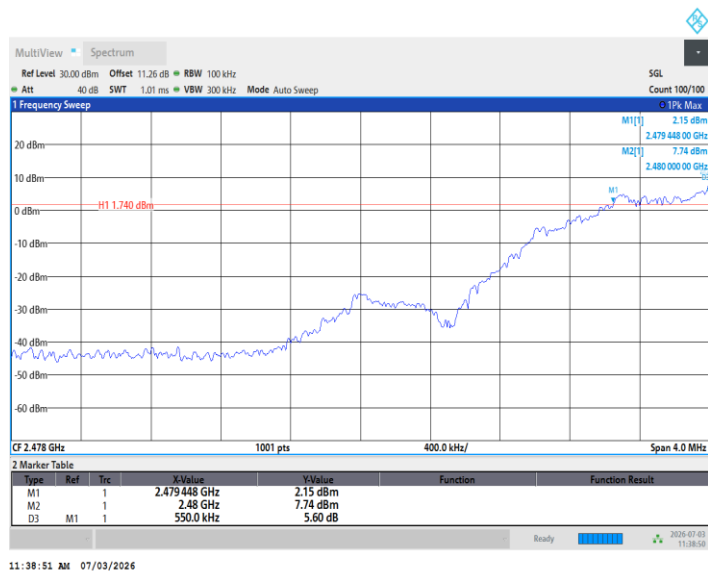
BLE_2M_Ant2_2440



BLE_2M_Ant1_2478



BLE_2M_Ant2_2478



BLE_125K_Ant1_2402