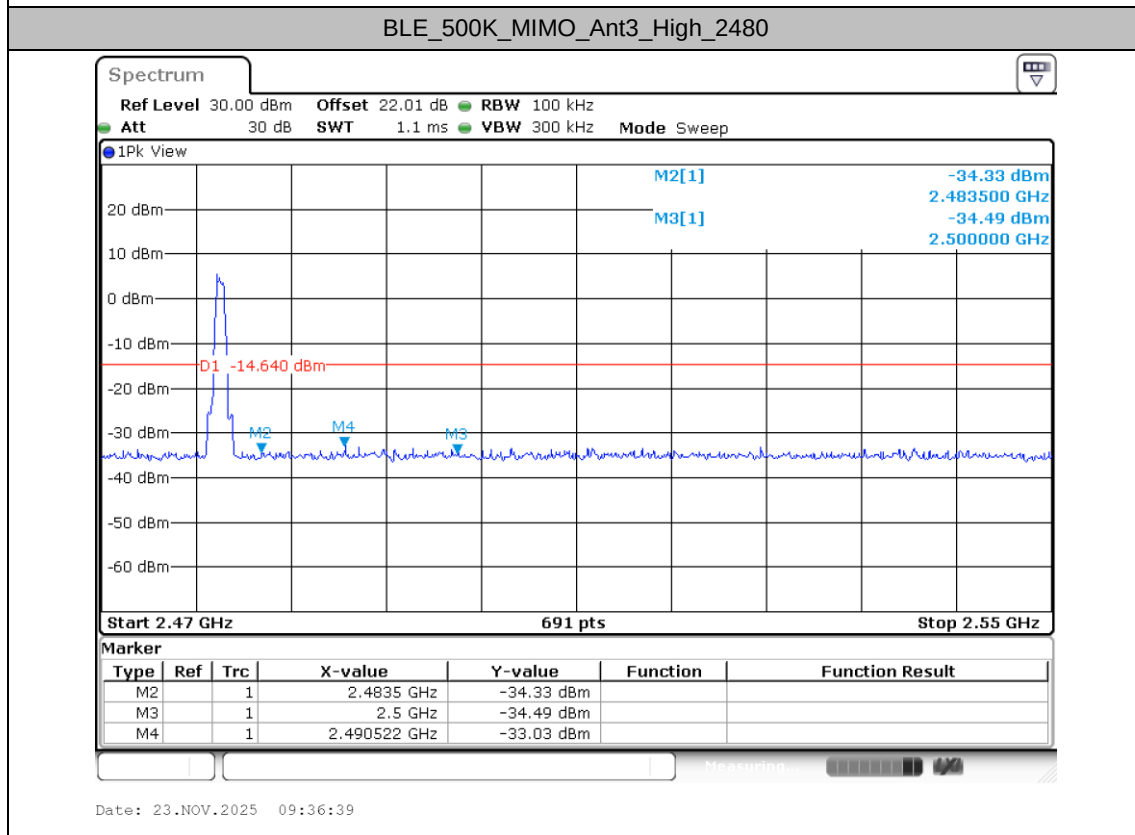
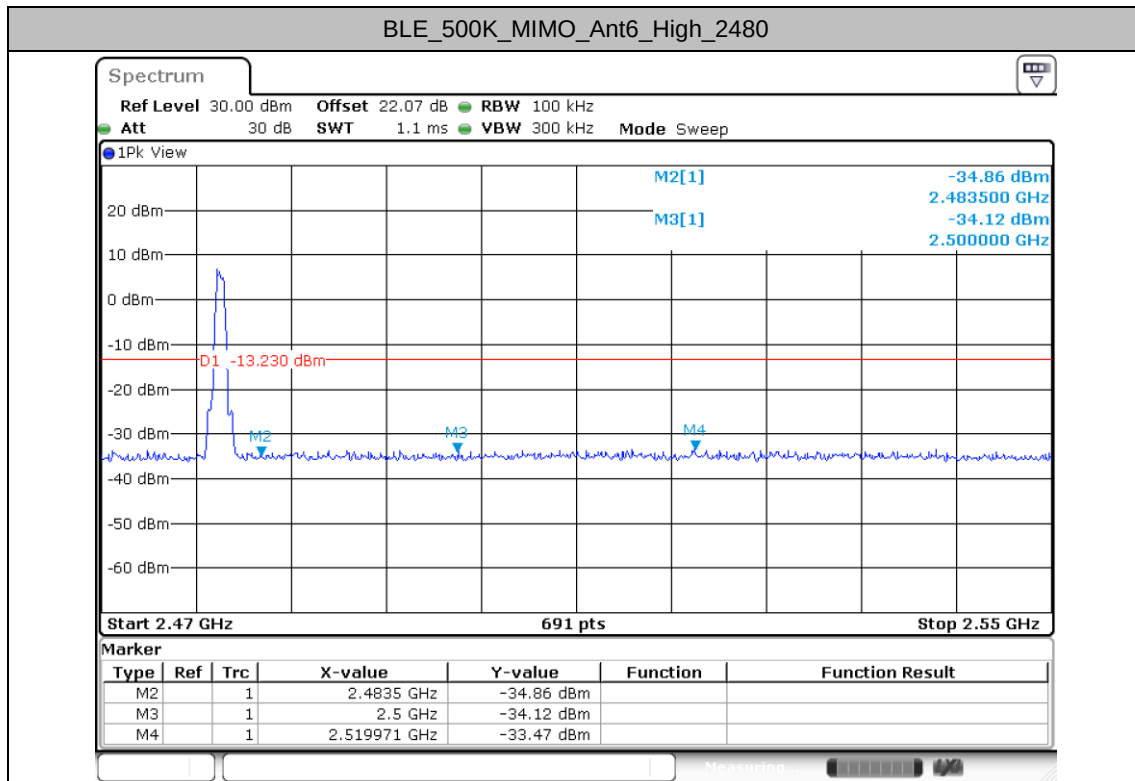






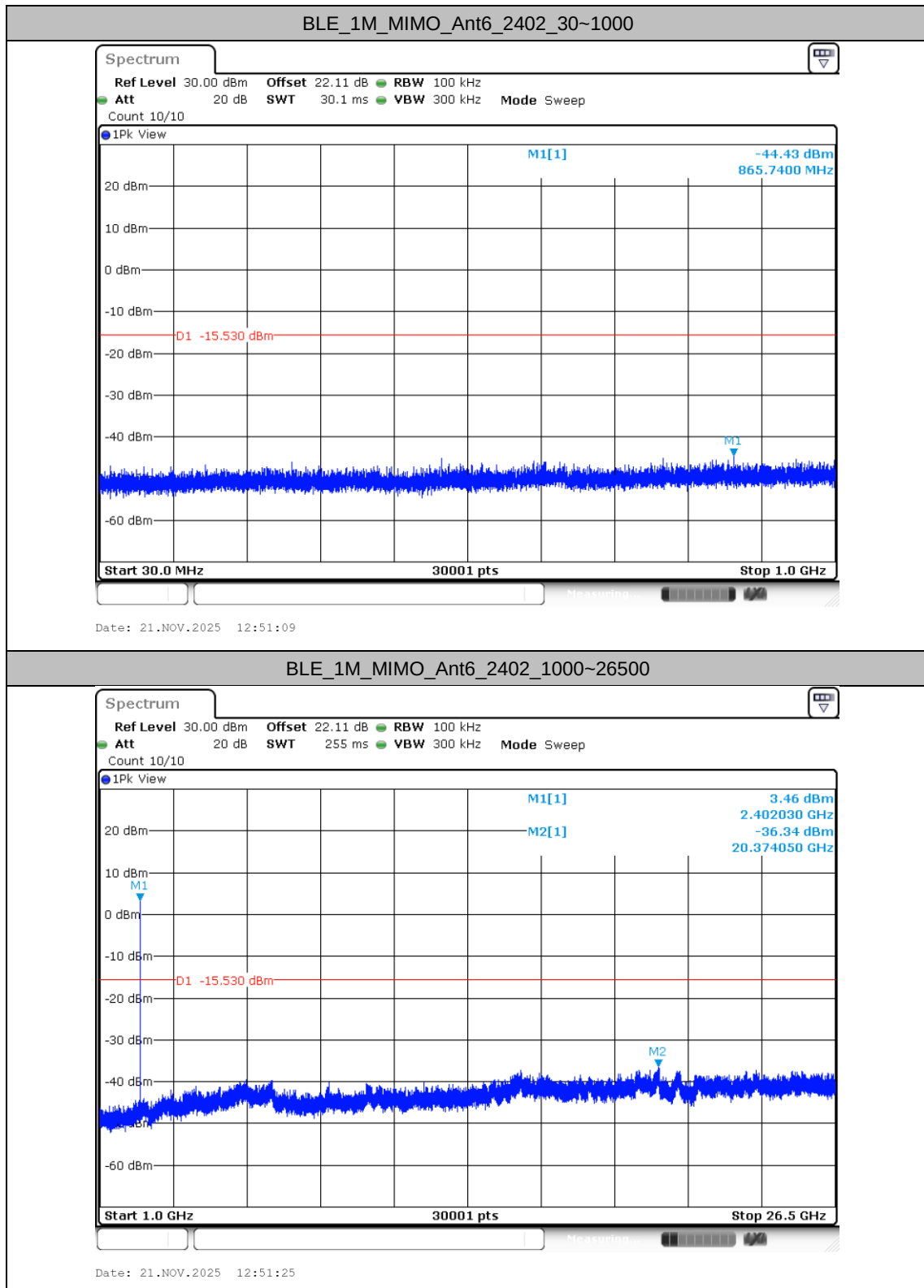
Conducted Spurious Emission

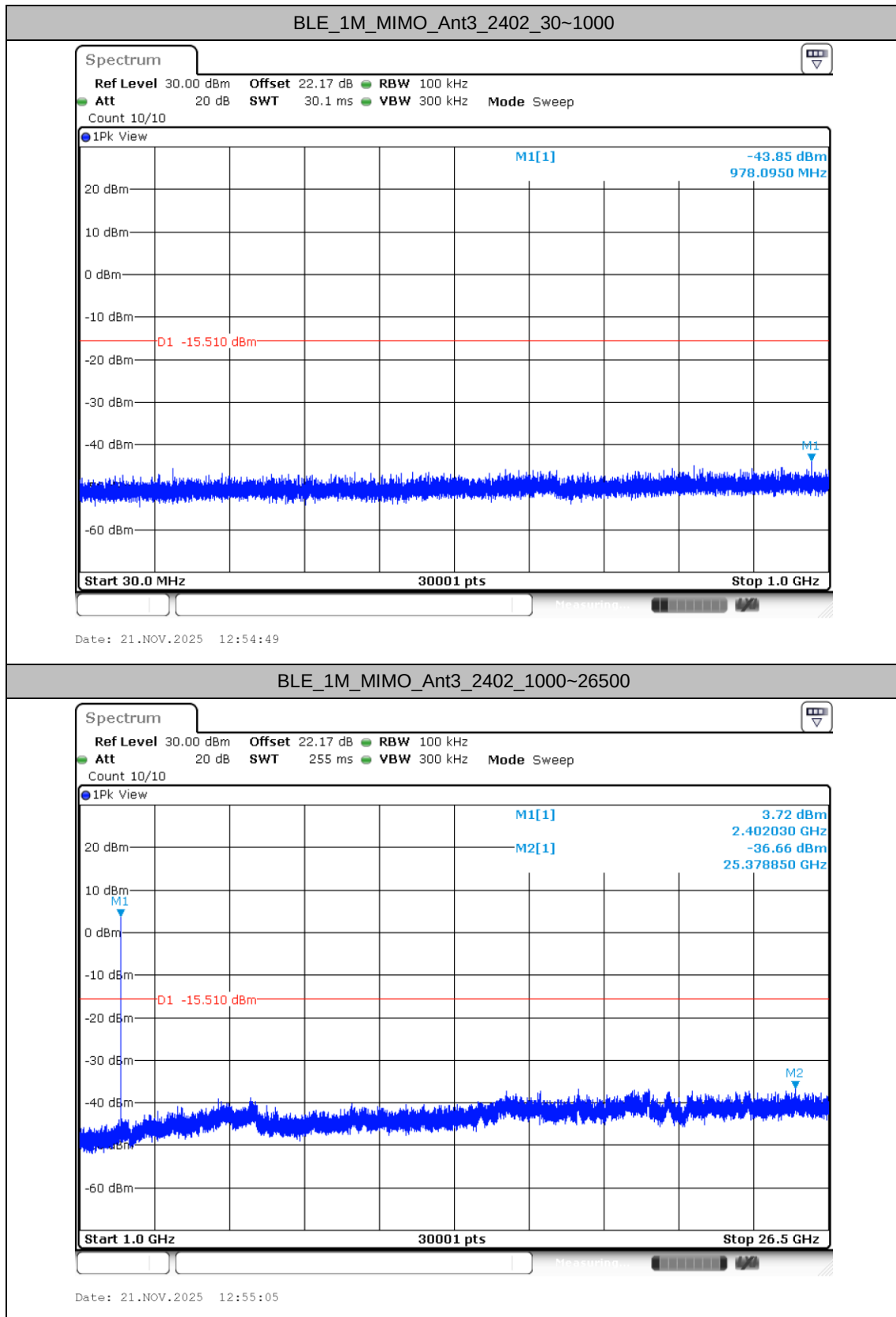
Test Result

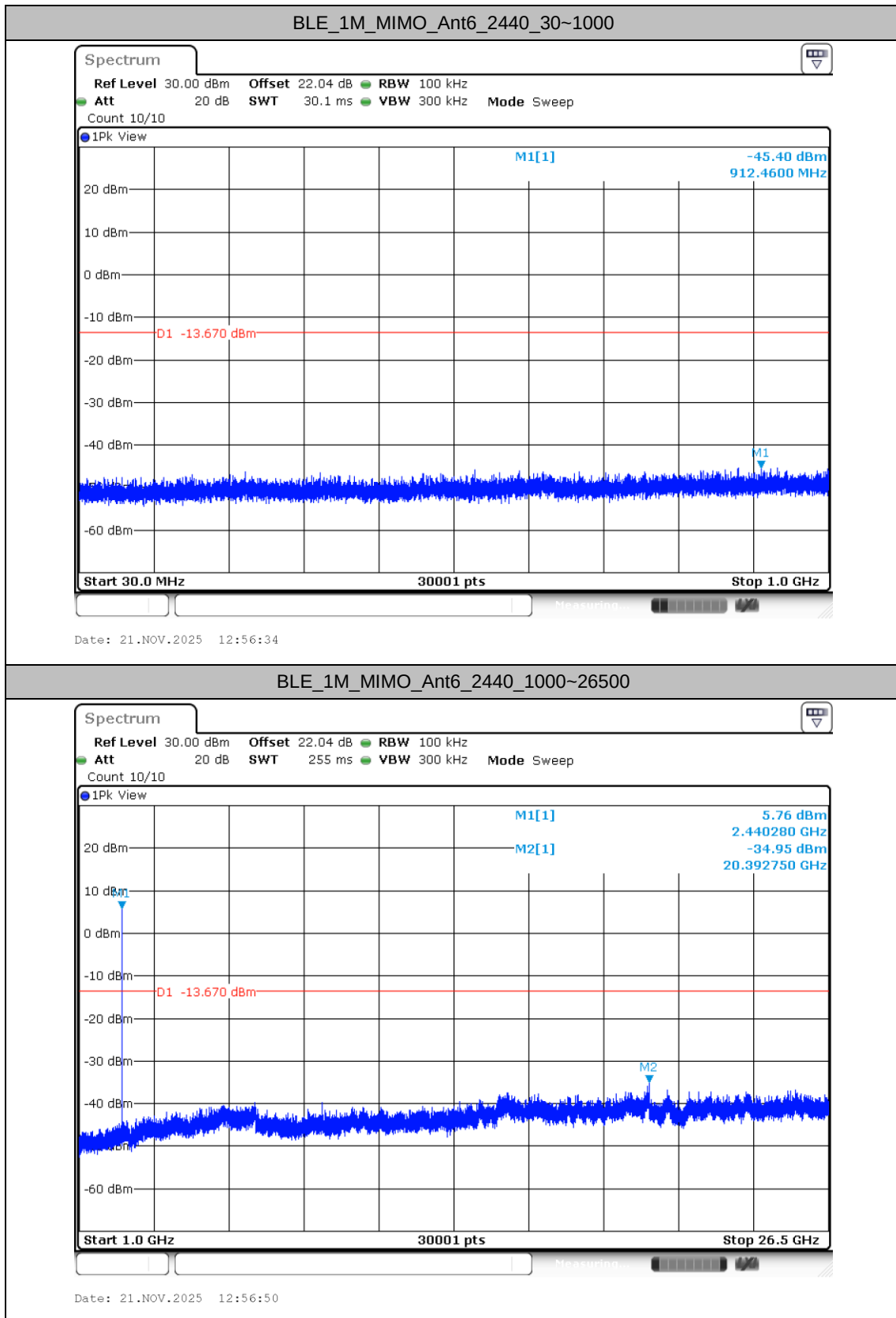
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
BLE_1M_MIMO	Ant6	2402	30~1000	4.47	-44.43	≤-15.53	PASS
			1000~26500	4.47	-36.34	≤-15.53	PASS
	Ant3	2402	30~1000	4.49	-43.85	≤-15.51	PASS
			1000~26500	4.49	-36.66	≤-15.51	PASS
	Ant6	2440	30~1000	6.33	-45.4	≤-13.67	PASS
			1000~26500	6.33	-34.95	≤-13.67	PASS
	Ant3	2440	30~1000	5.48	-45.31	≤-14.52	PASS
			1000~26500	5.48	-36.62	≤-14.52	PASS
	Ant6	2480	30~1000	5.87	-44.7	≤-14.13	PASS
			1000~26500	5.87	-34.59	≤-14.13	PASS
	Ant3	2480	30~1000	4.55	-45.43	≤-15.45	PASS
			1000~26500	4.55	-36.24	≤-15.45	PASS
BLE_2M_MIMO	Ant6	2402	30~1000	4.53	-45.32	≤-15.47	PASS
			1000~26500	4.53	-36.1	≤-15.47	PASS
	Ant3	2402	30~1000	4.47	-45.05	≤-15.53	PASS
			1000~26500	4.47	-36.67	≤-15.53	PASS
	Ant6	2440	30~1000	6.27	-44.31	≤-13.73	PASS
			1000~26500	6.27	-36.32	≤-13.73	PASS
	Ant3	2440	30~1000	5.40	-44.48	≤-14.6	PASS
			1000~26500	5.40	-36.09	≤-14.6	PASS
	Ant6	2480	30~1000	5.83	-45.32	≤-14.17	PASS
			1000~26500	5.83	-36.86	≤-14.17	PASS
	Ant3	2480	30~1000	4.47	-45.25	≤-15.53	PASS
			1000~26500	4.47	-36.38	≤-15.53	PASS
BLE_125K_MIMO	Ant6	2402	30~1000	4.61	-54.52	≤-15.39	PASS
			1000~26500	4.61	-46.44	≤-15.39	PASS
	Ant3	2402	30~1000	4.33	-54.98	≤-15.67	PASS
			1000~26500	4.33	-45.83	≤-15.67	PASS
	Ant6	2440	30~1000	6.35	-55.28	≤-13.65	PASS
			1000~26500	6.35	-45.7	≤-13.65	PASS
	Ant3	2440	30~1000	5.43	-54.59	≤-14.57	PASS
			1000~26500	5.43	-46.59	≤-14.57	PASS
	Ant6	2480	30~1000	6.01	-54.59	≤-13.99	PASS
			1000~26500	6.01	-45.72	≤-13.99	PASS
	Ant3	2480	30~1000	4.56	-54.91	≤-15.44	PASS
			1000~26500	4.56	-46.41	≤-15.44	PASS
BLE_500K_MIMO	Ant6	2402	30~1000	5.35	-54.35	≤-14.65	PASS
			1000~26500	5.35	-46.58	≤-14.65	PASS
	Ant3	2402	30~1000	5.07	-55.04	≤-14.93	PASS
			1000~26500	5.07	-45.98	≤-14.93	PASS
	Ant6	2440	30~1000	7.07	-55.15	≤-12.93	PASS
			1000~26500	7.07	-46.28	≤-12.93	PASS
	Ant3	2440	30~1000	6.13	-55.2	≤-13.87	PASS
			1000~26500	6.13	-45.93	≤-13.87	PASS
	Ant6	2480	30~1000	6.77	-55.16	≤-13.23	PASS
			1000~26500	6.77	-46.33	≤-13.23	PASS
	Ant3	2480	30~1000	5.36	-55.18	≤-14.64	PASS
			1000~26500	5.36	-45.83	≤-14.64	PASS

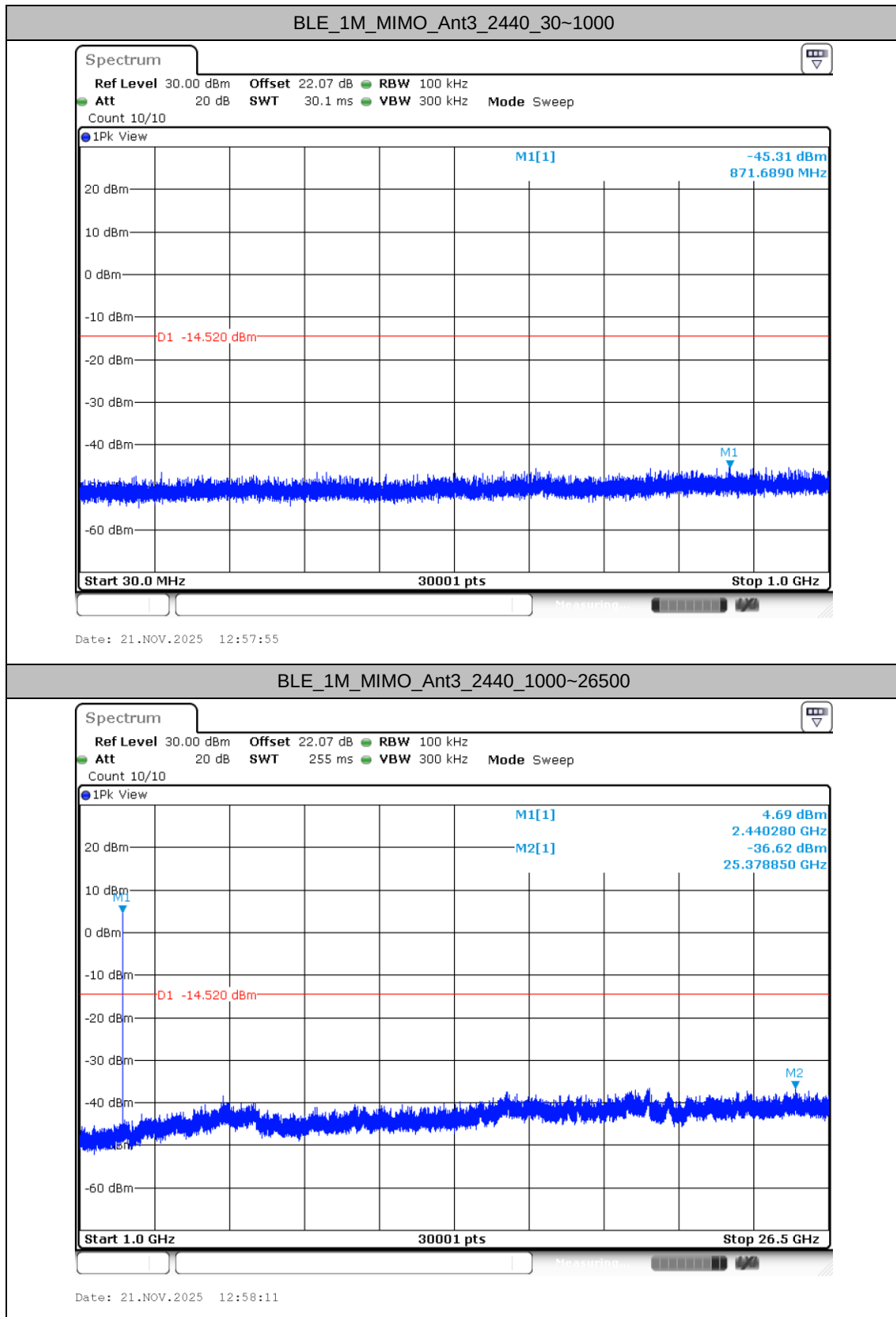


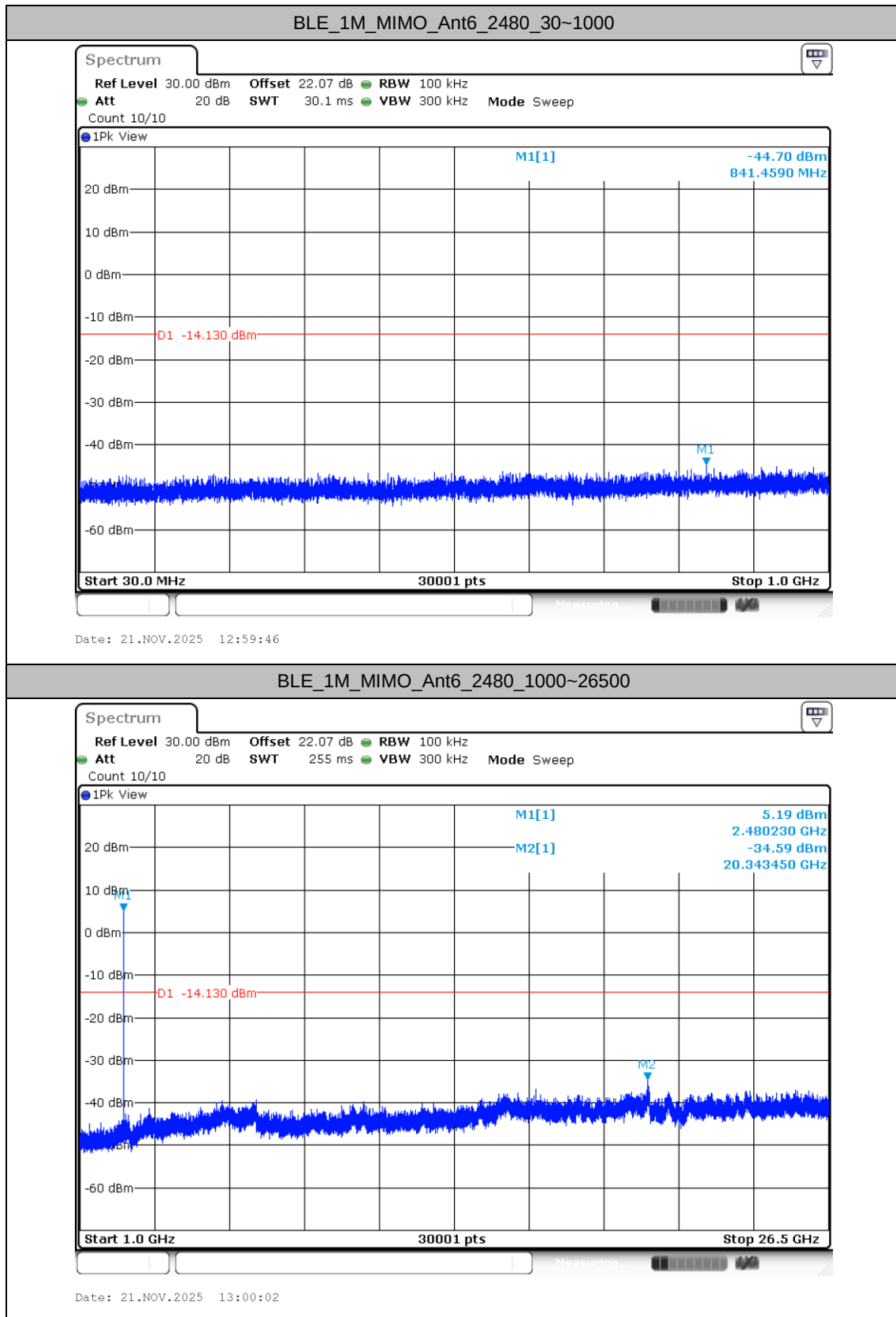
Test Graphs

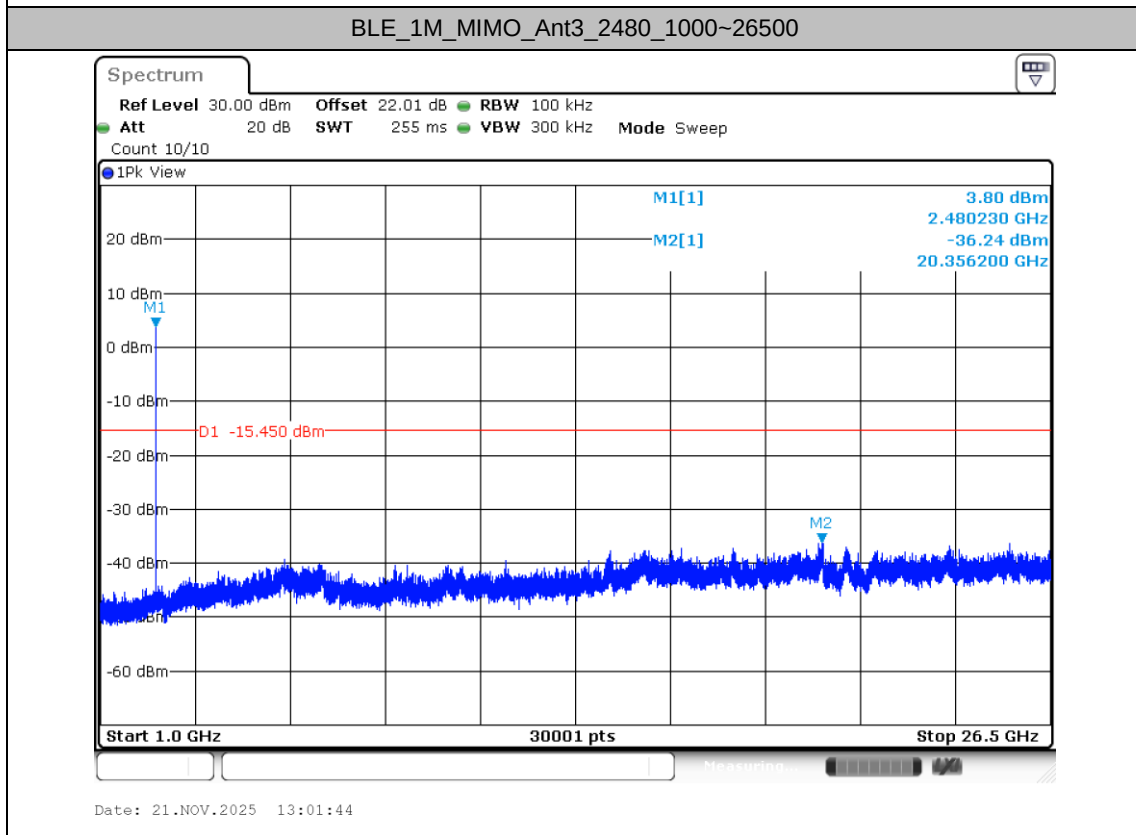
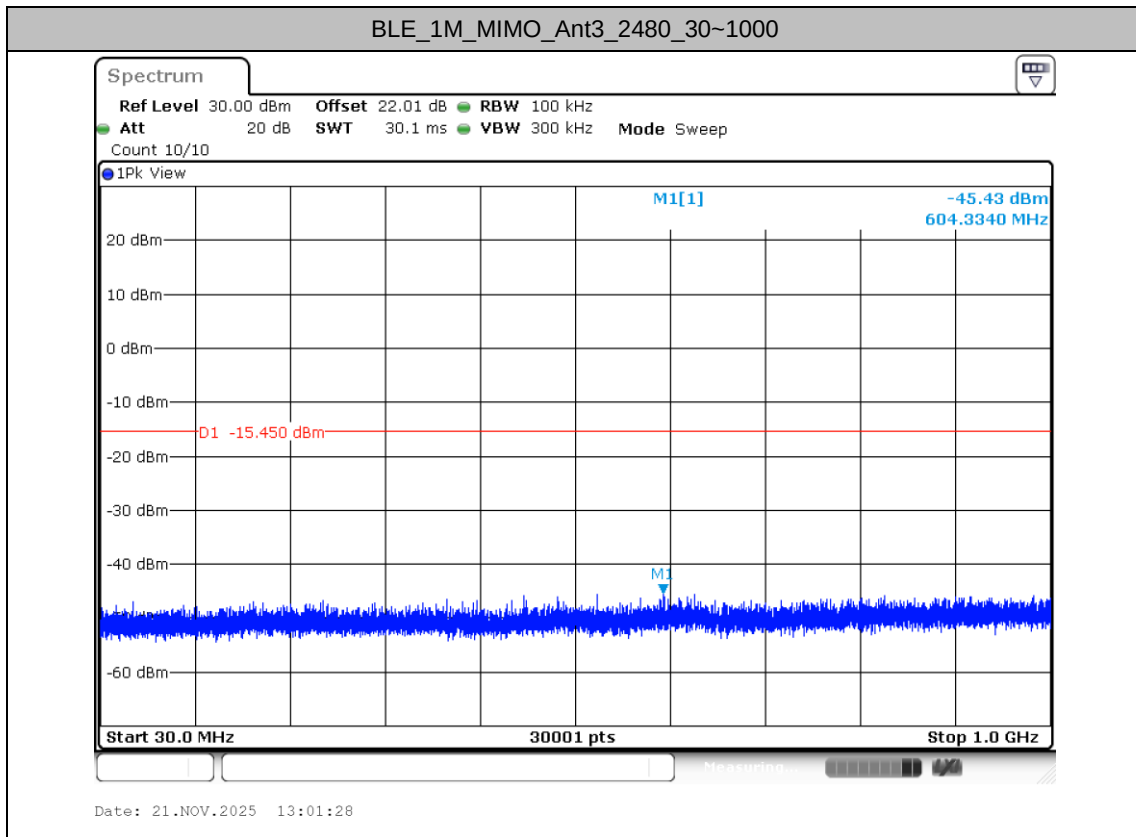


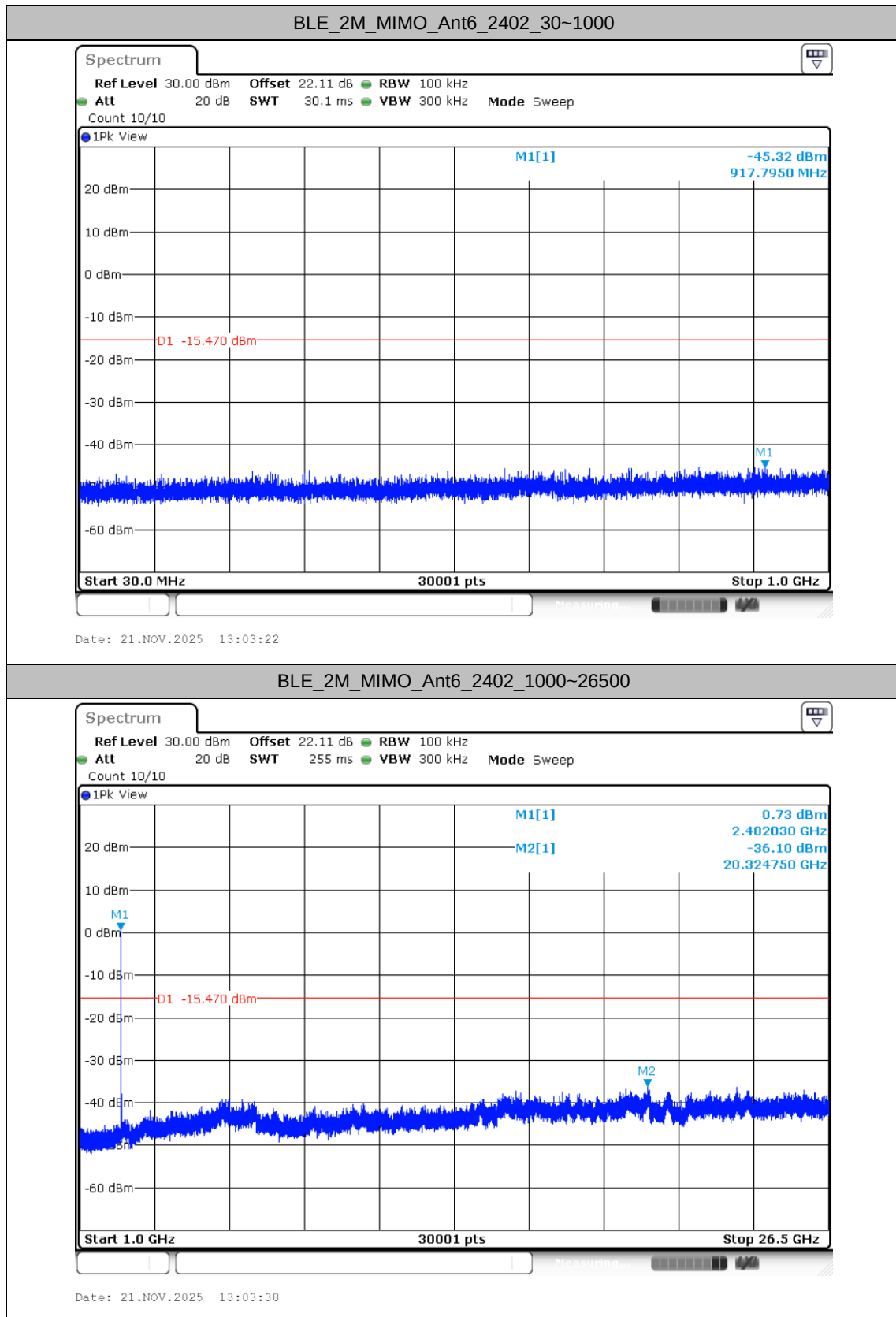


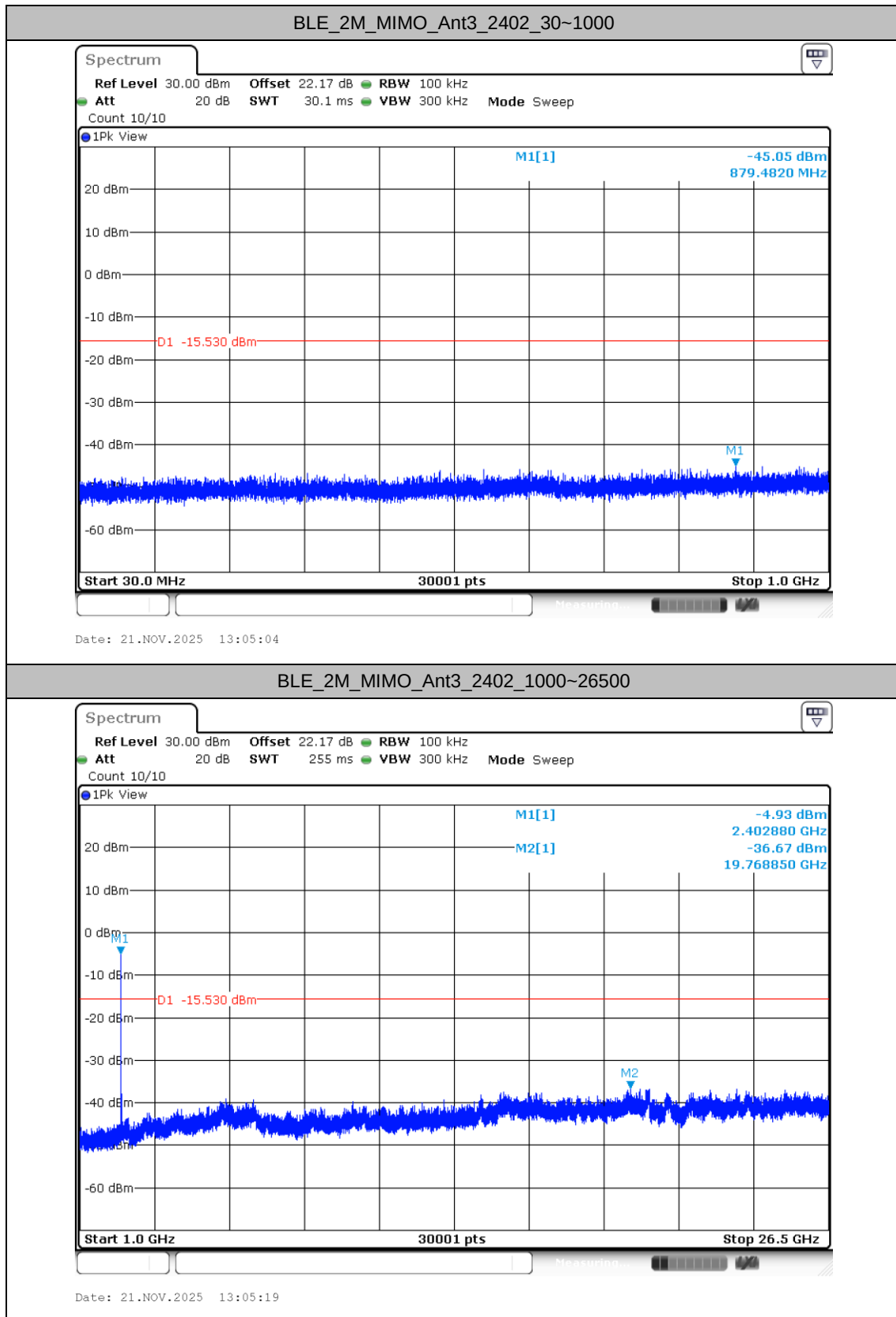


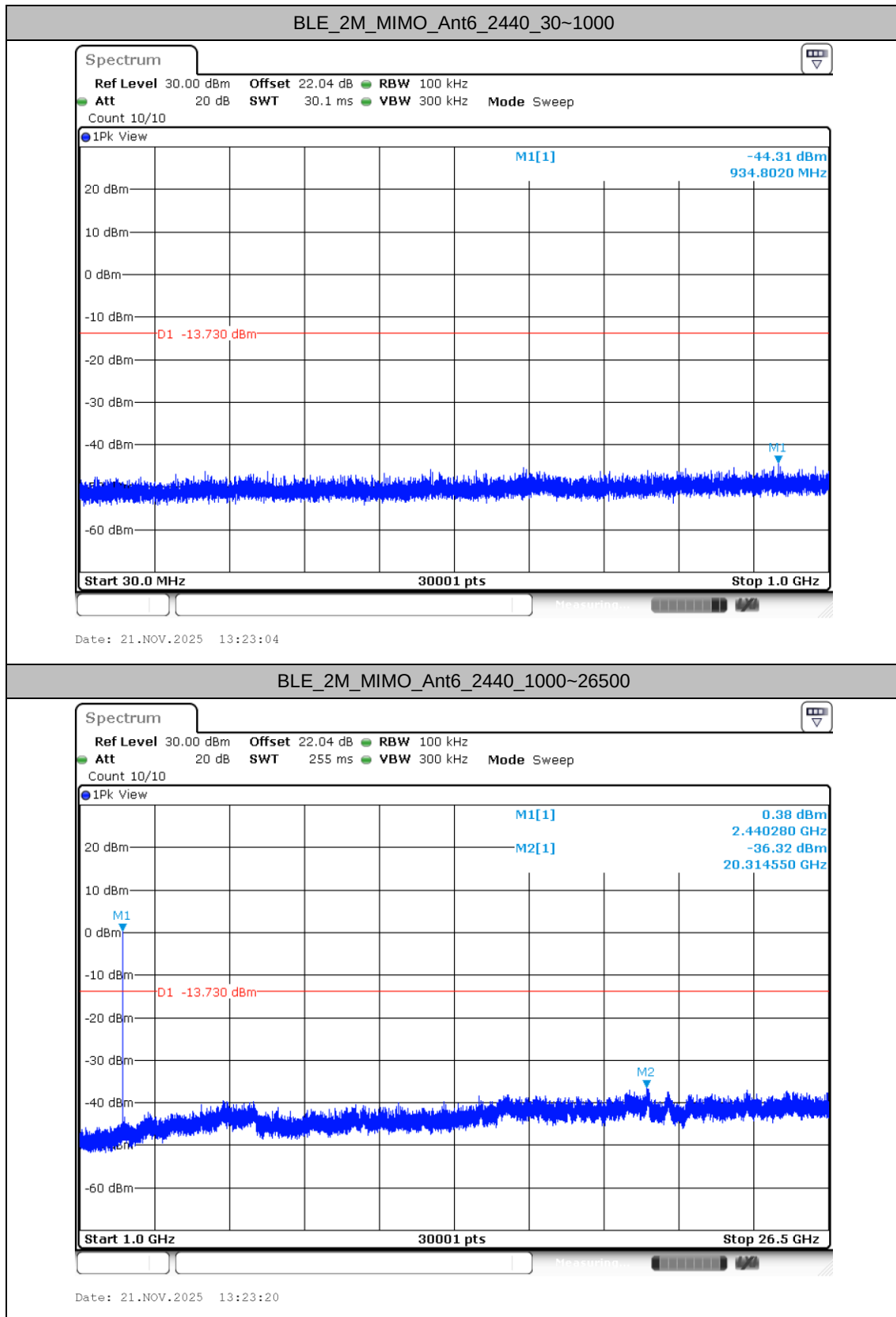


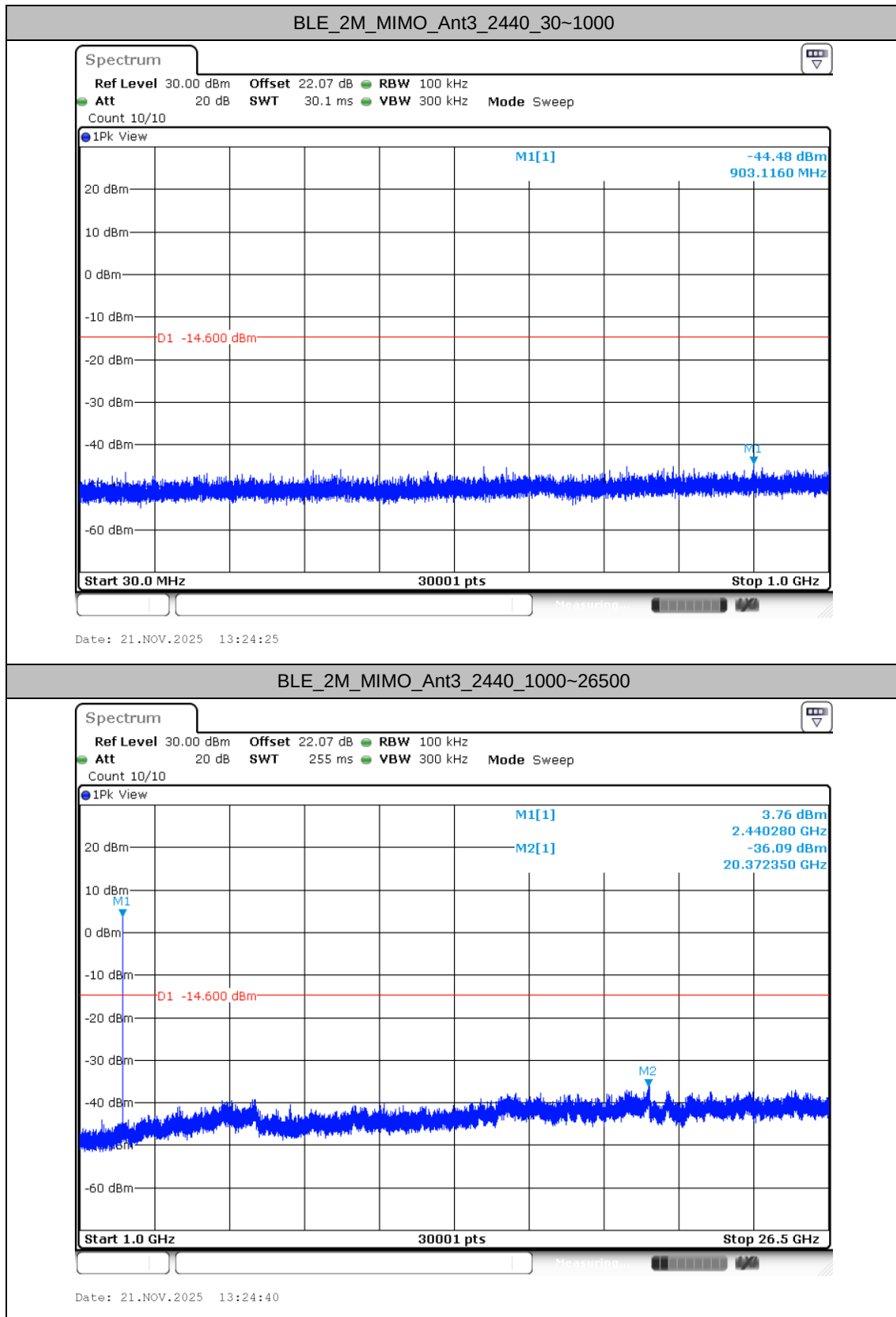


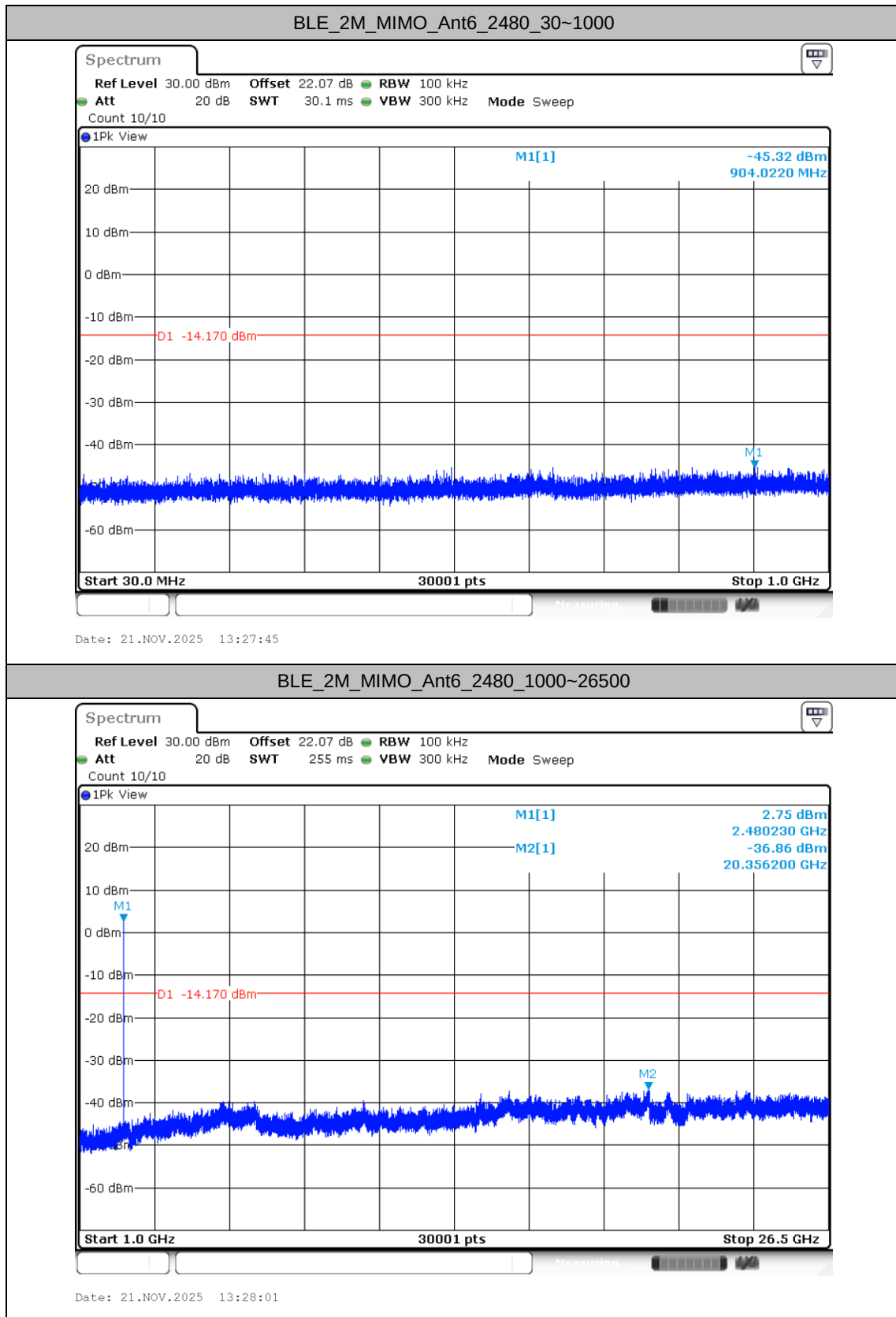


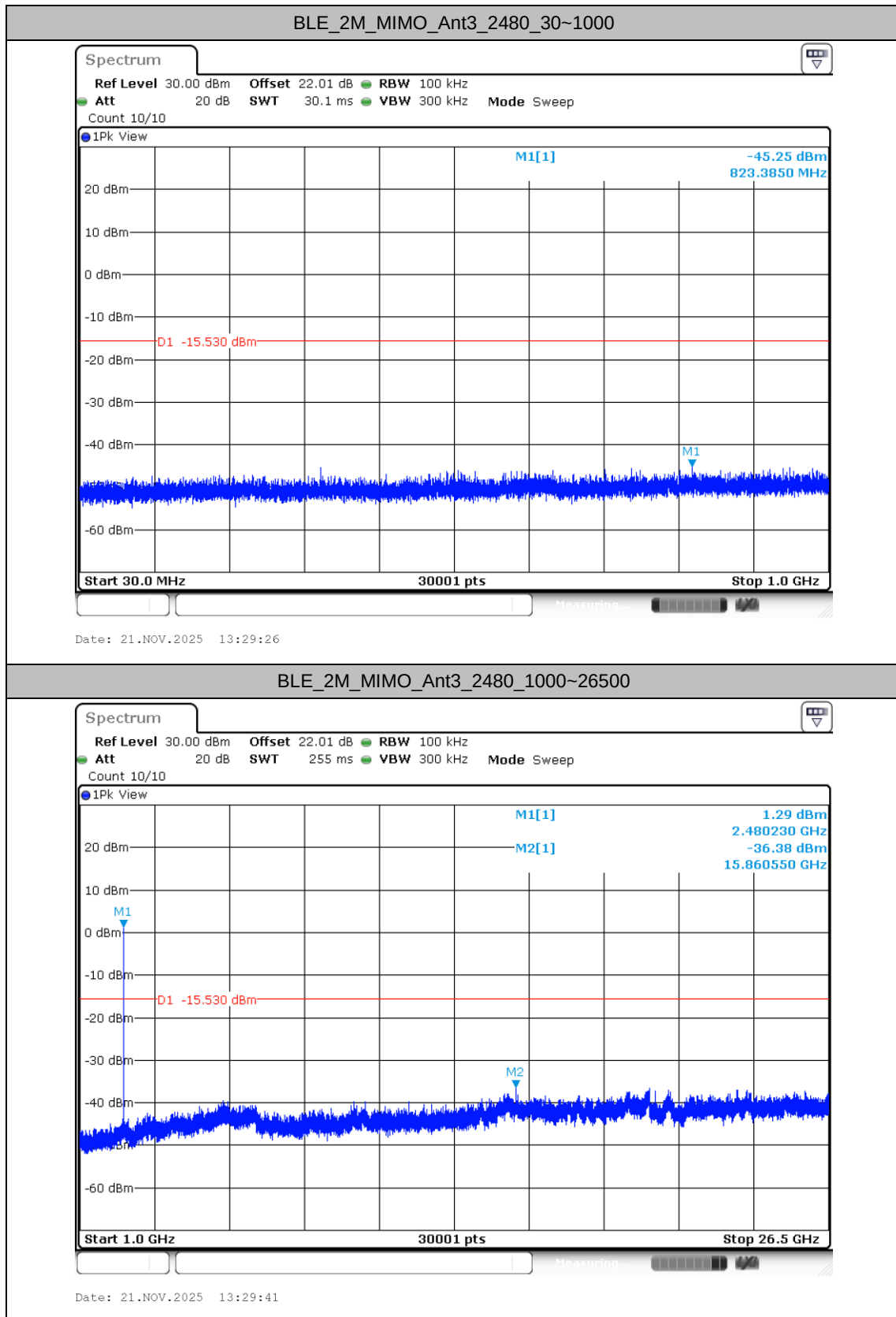


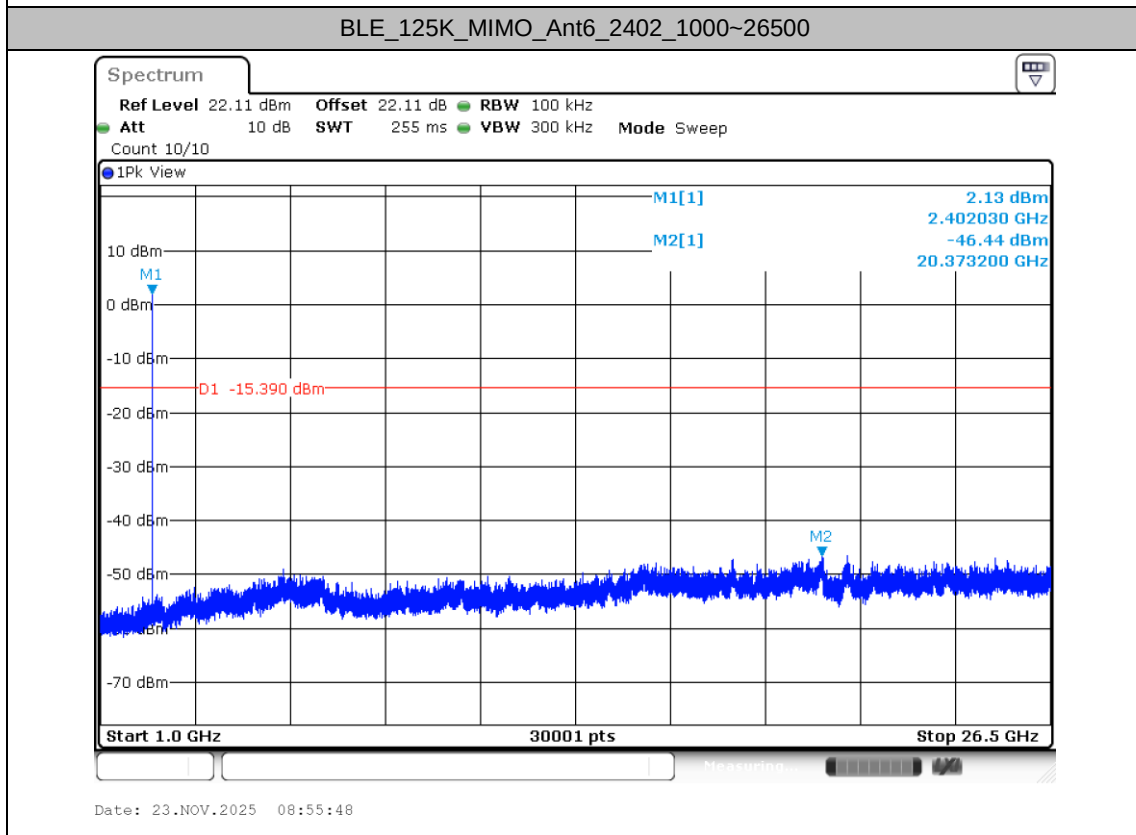
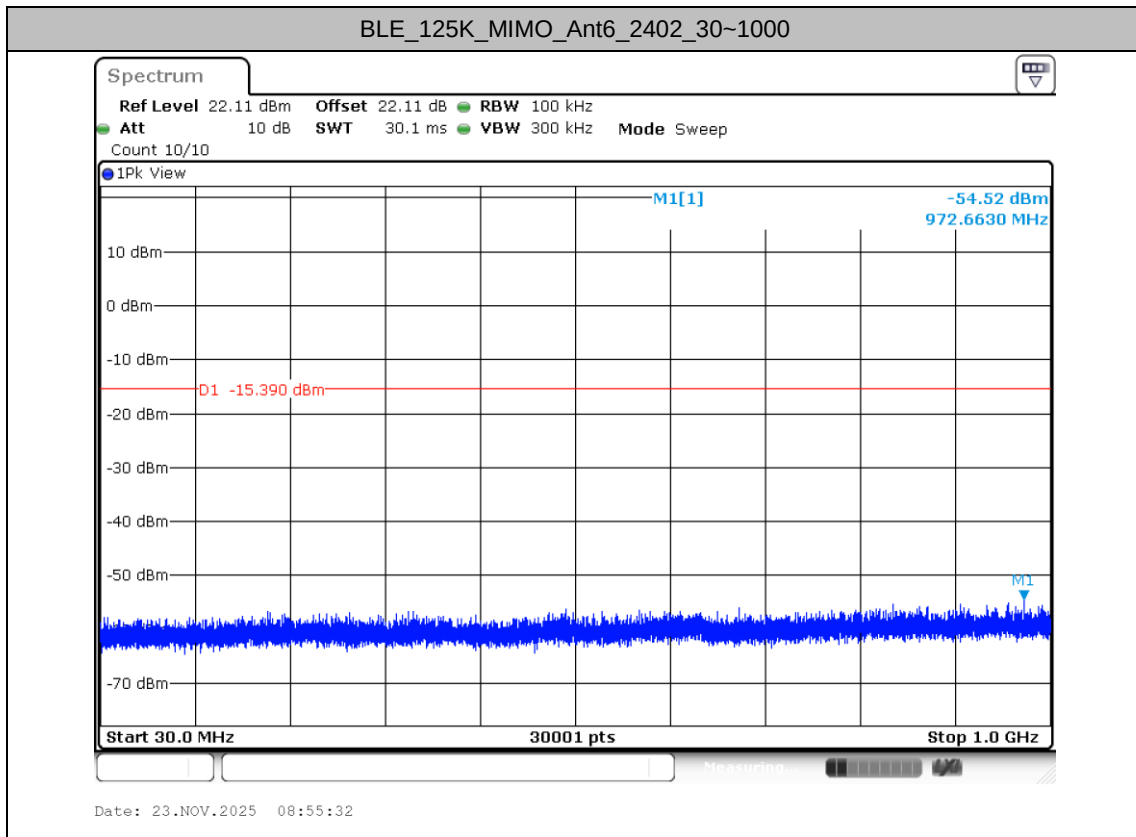


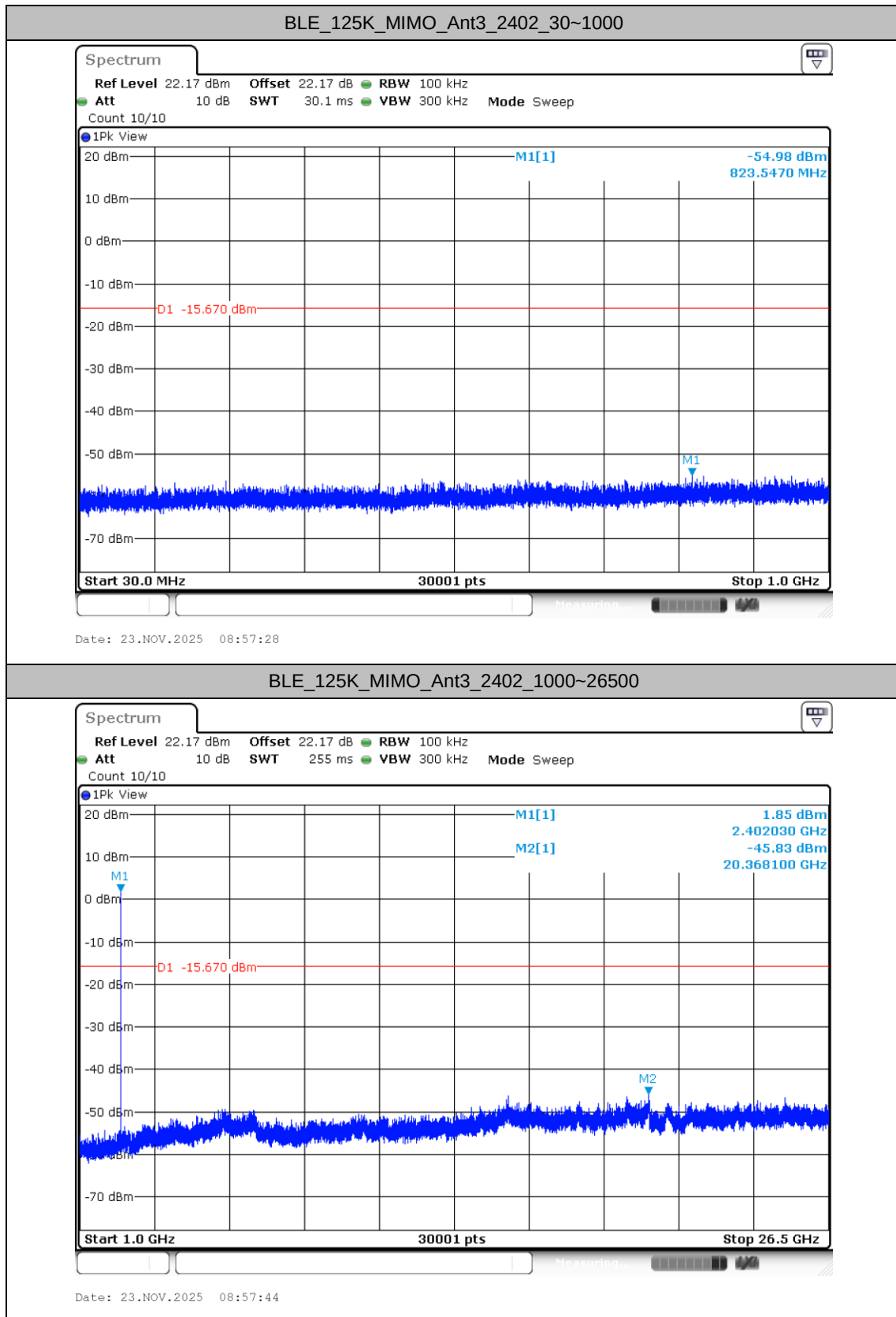


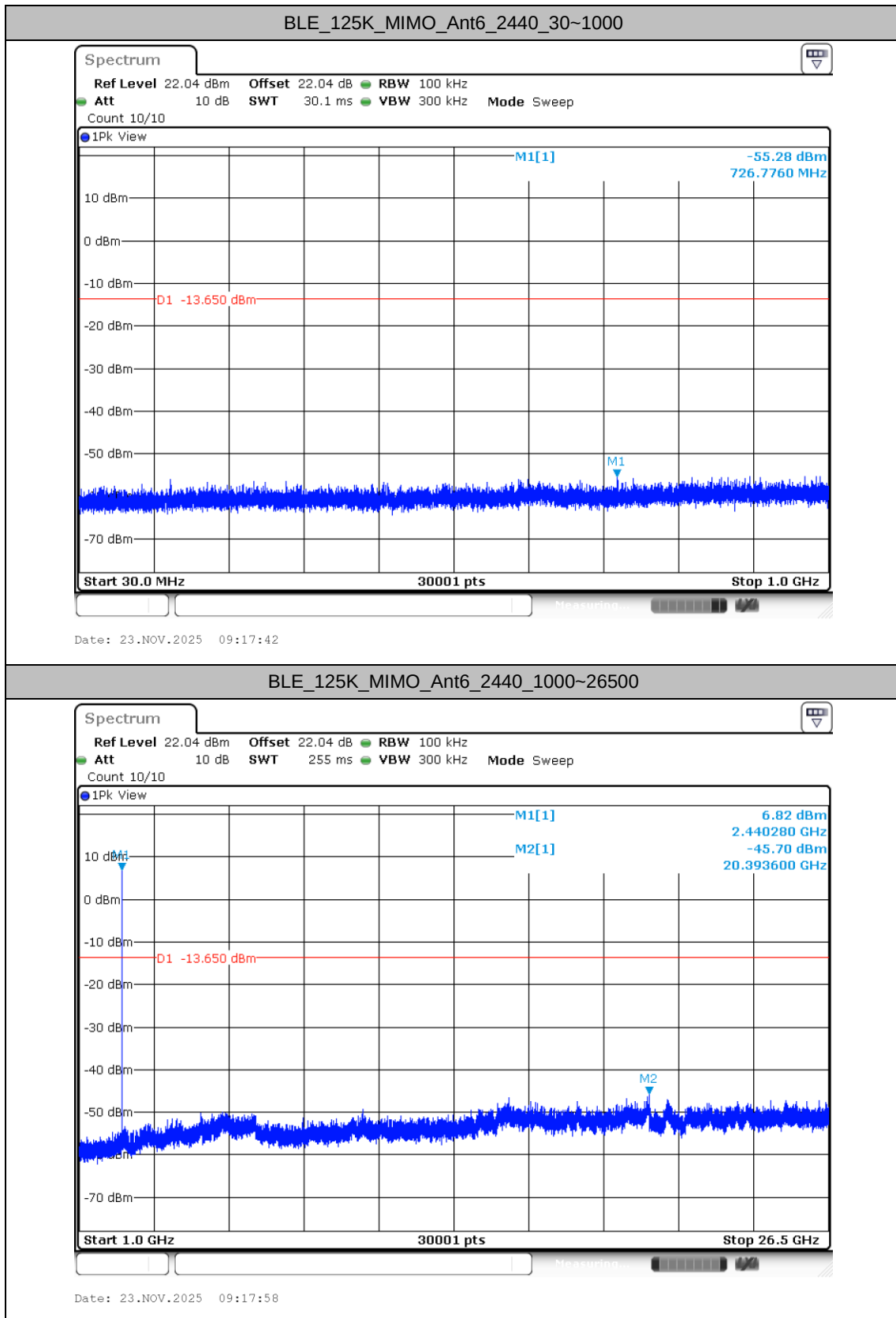


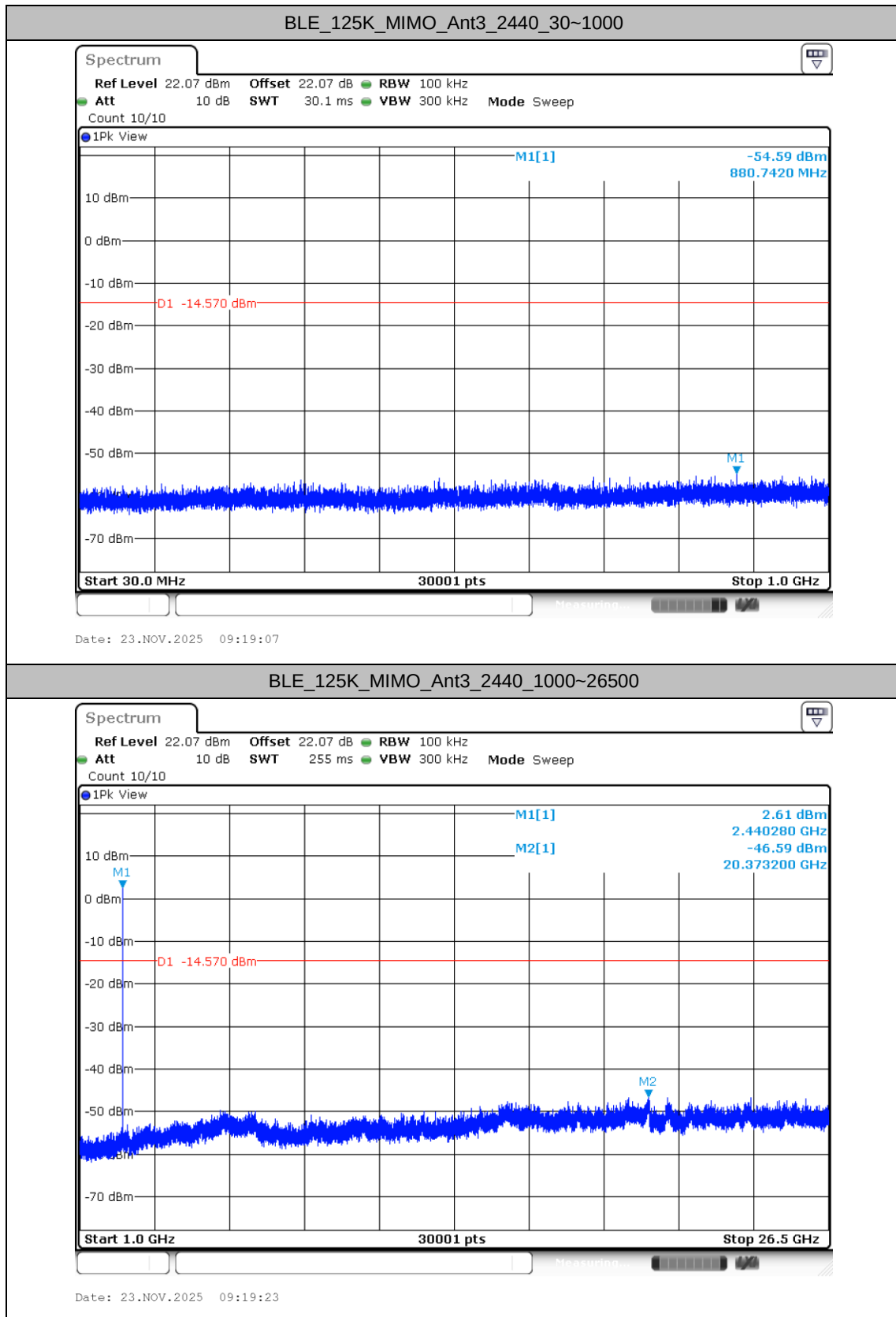


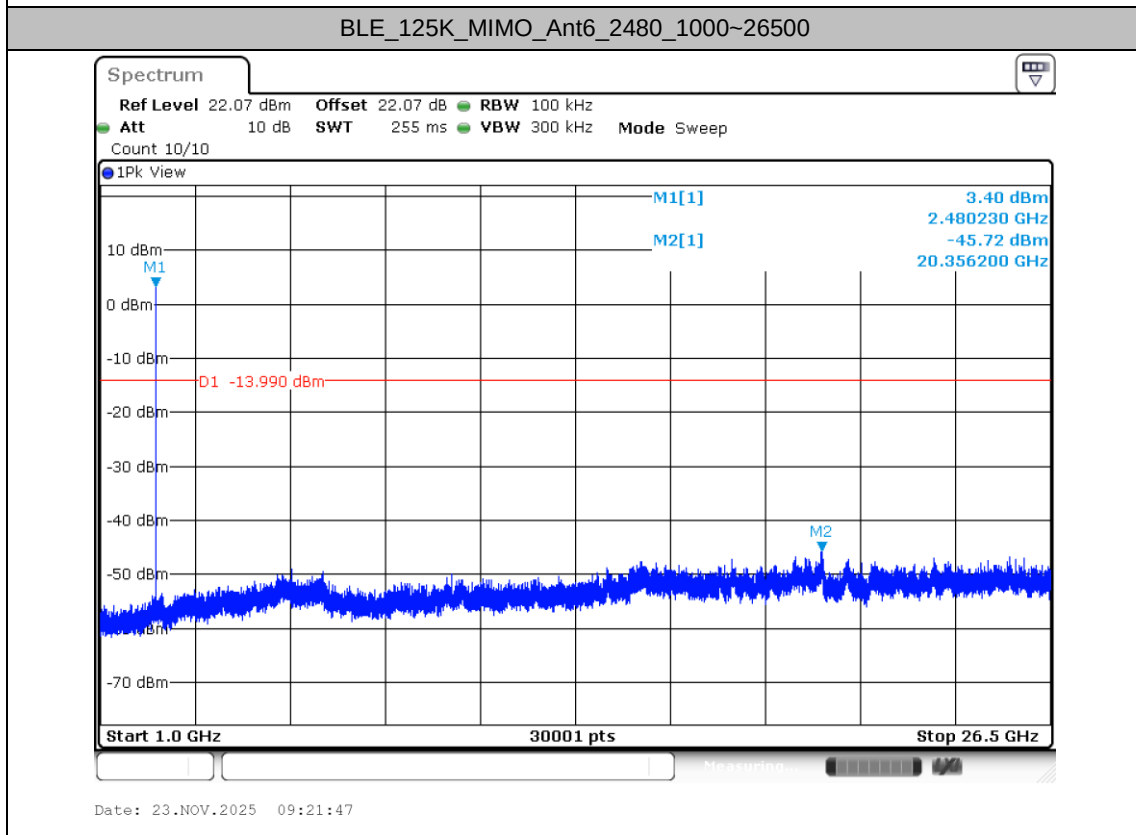
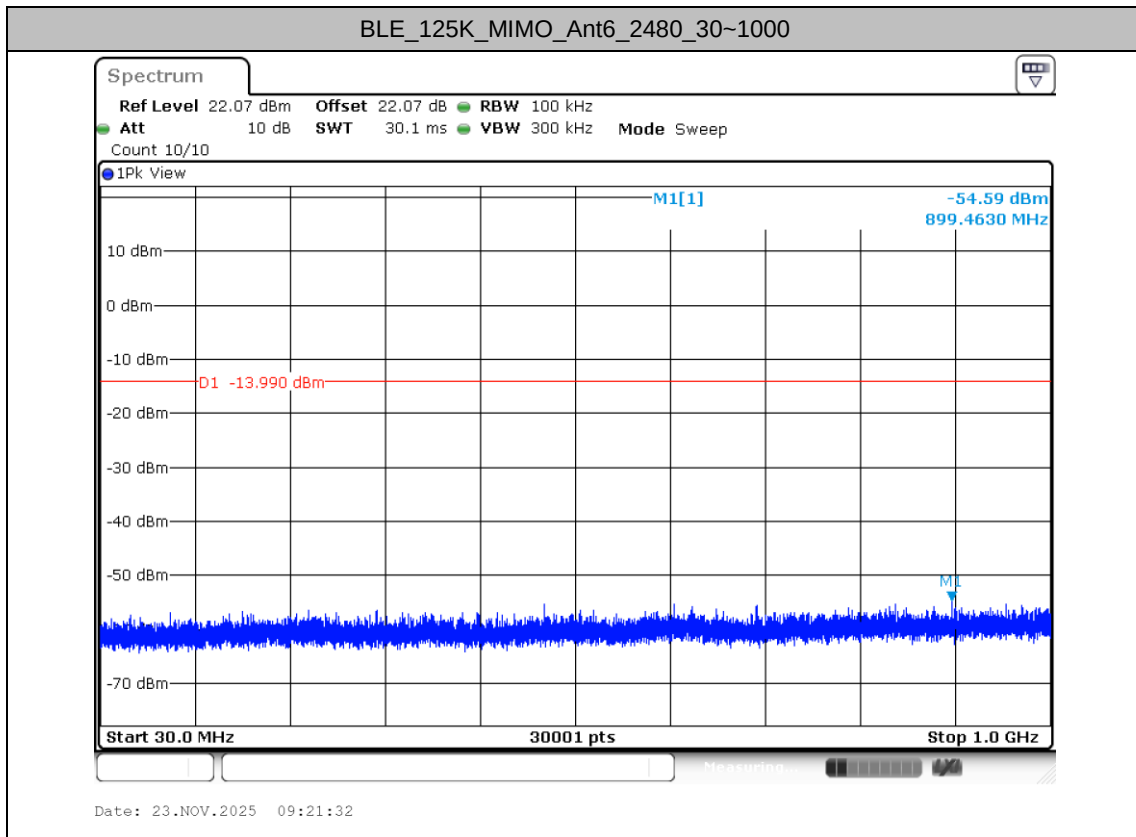


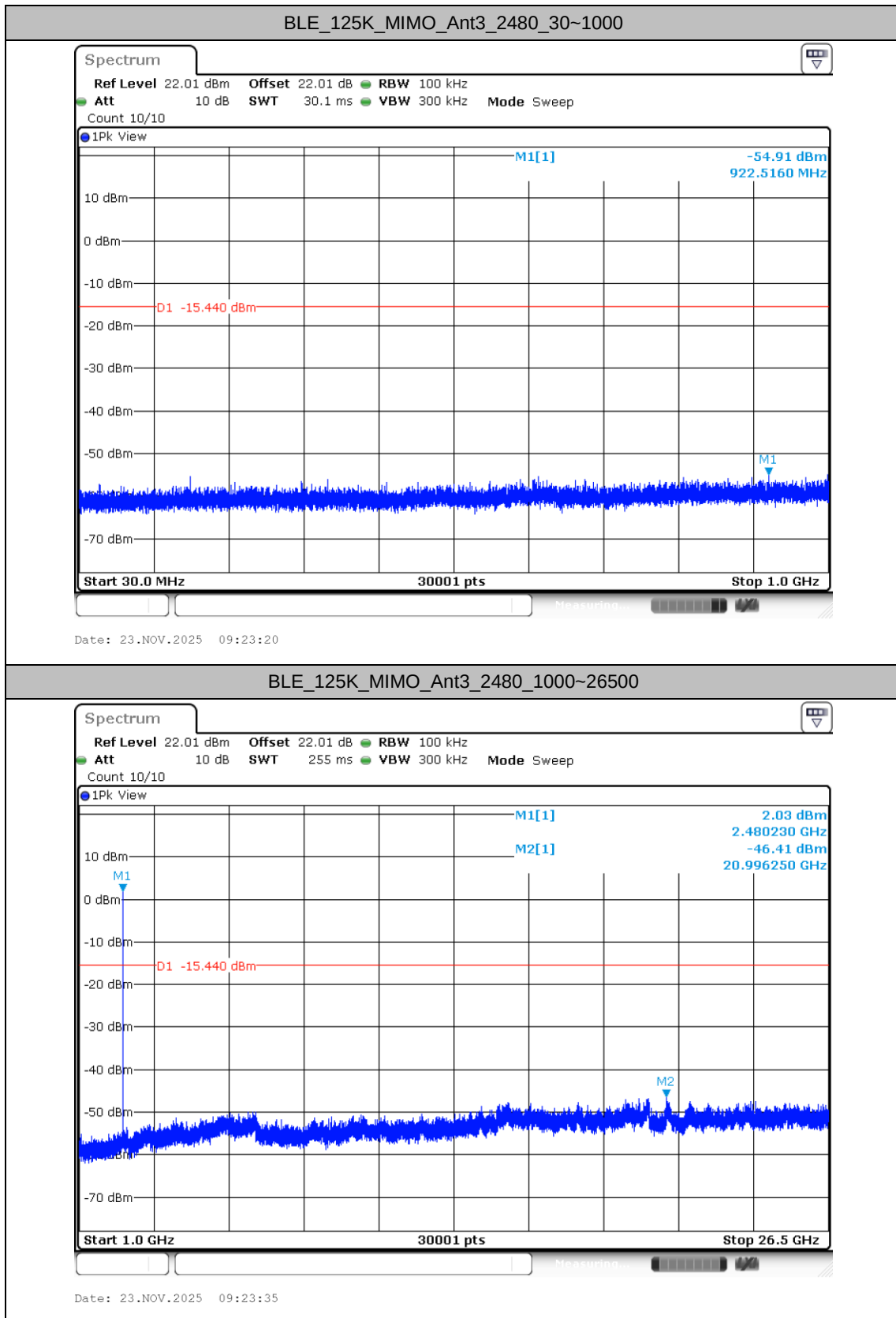


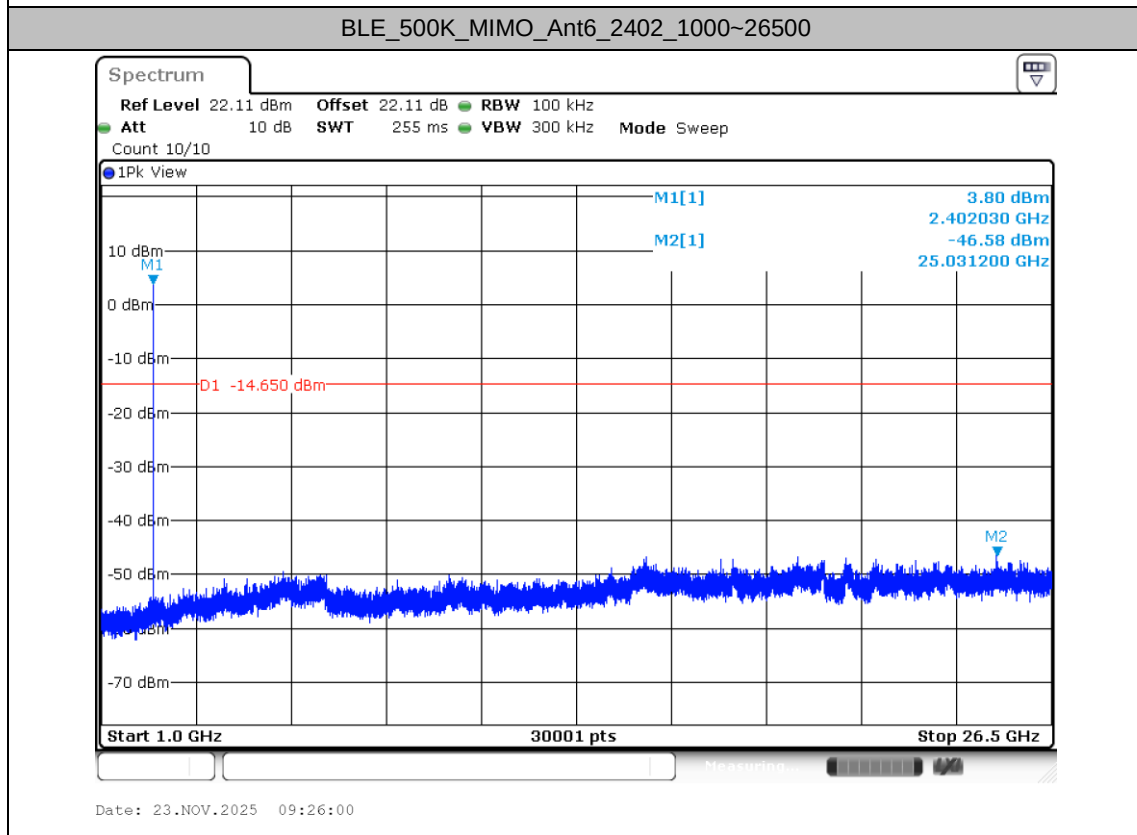
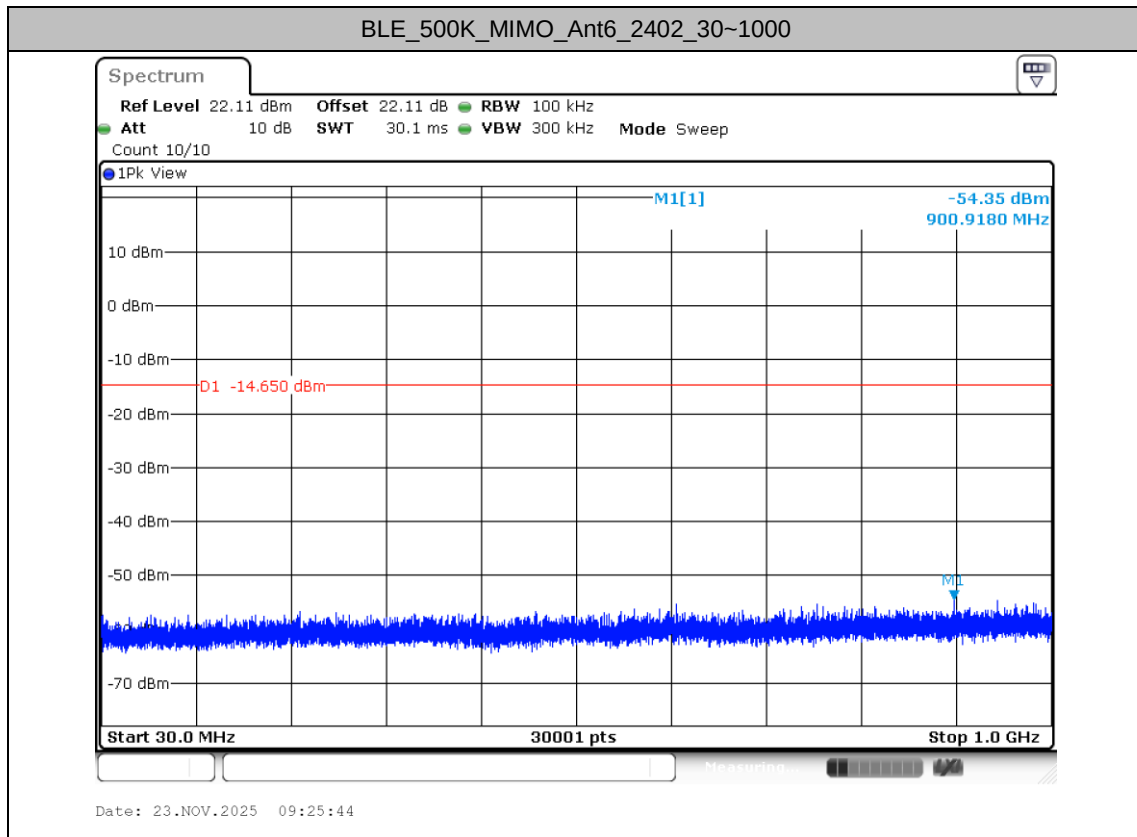


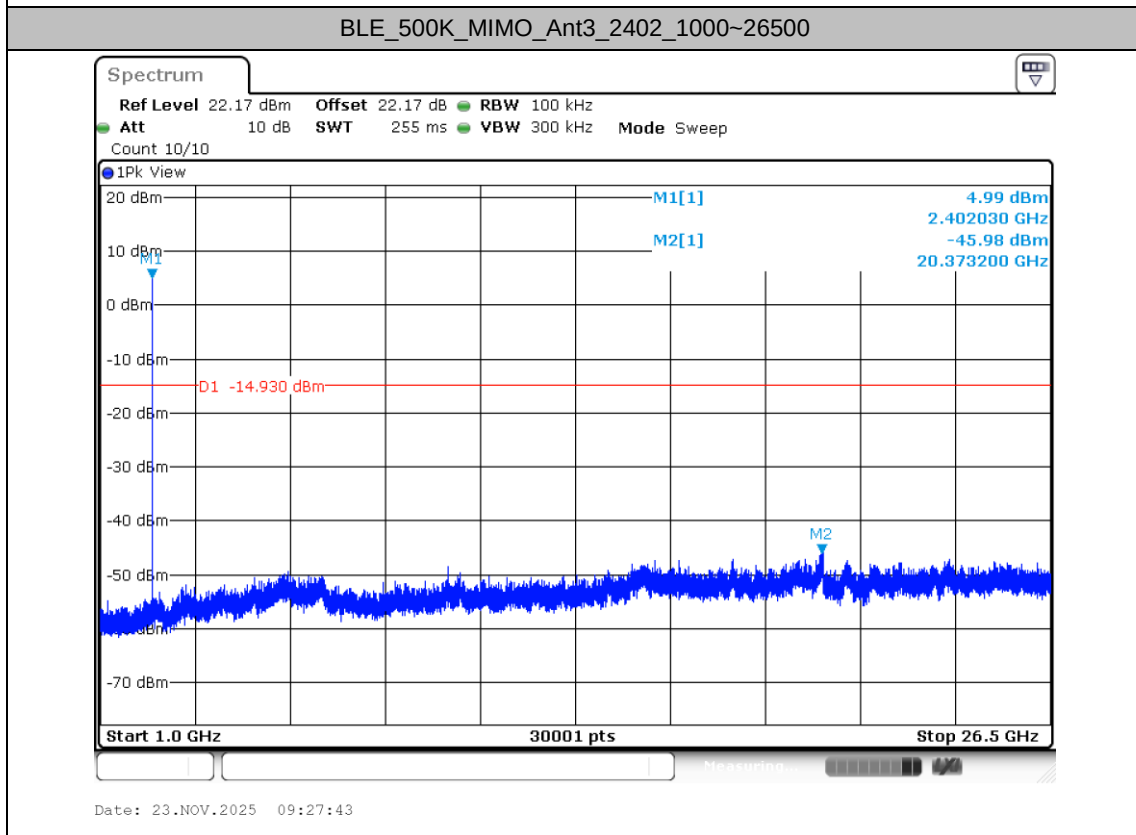
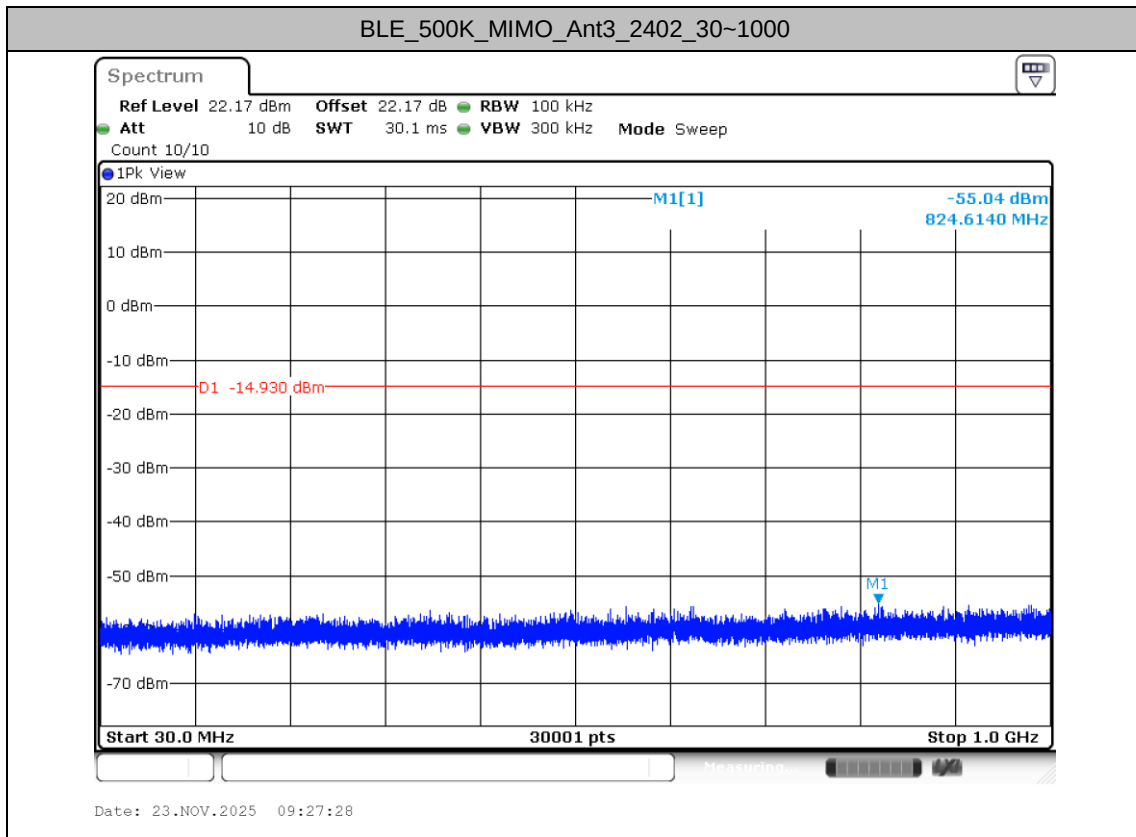


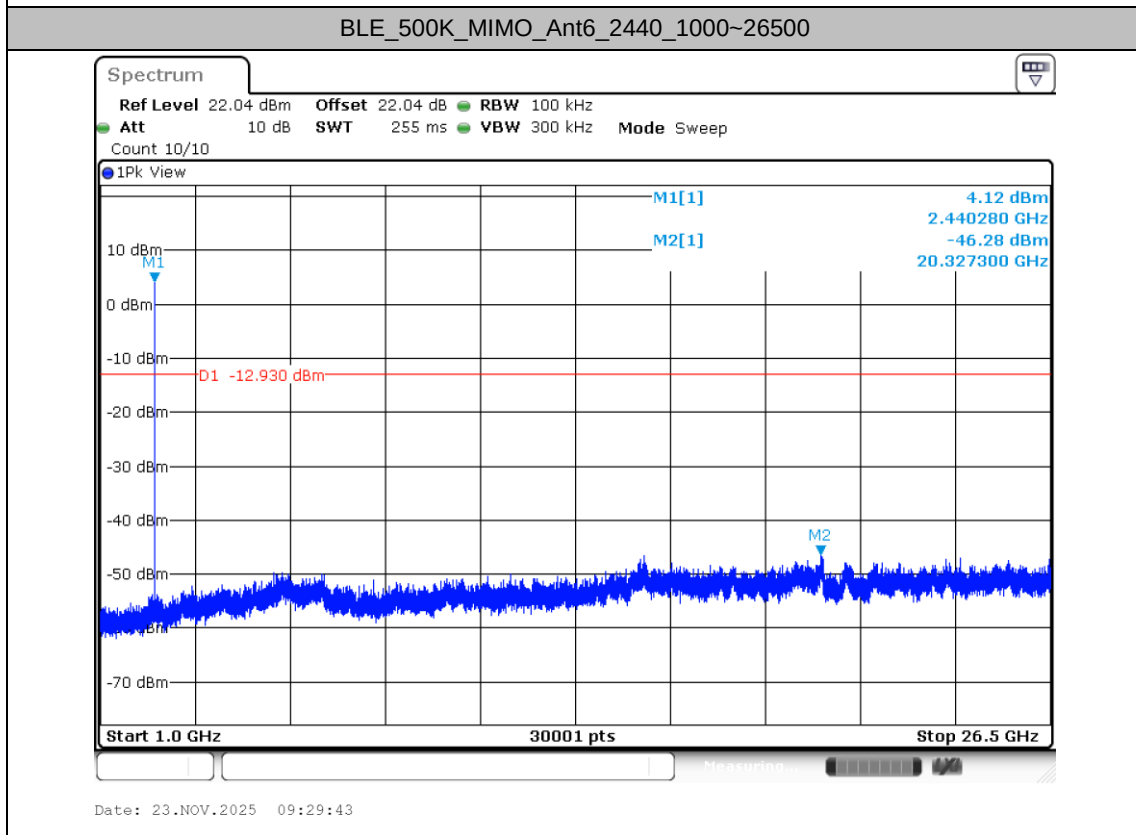
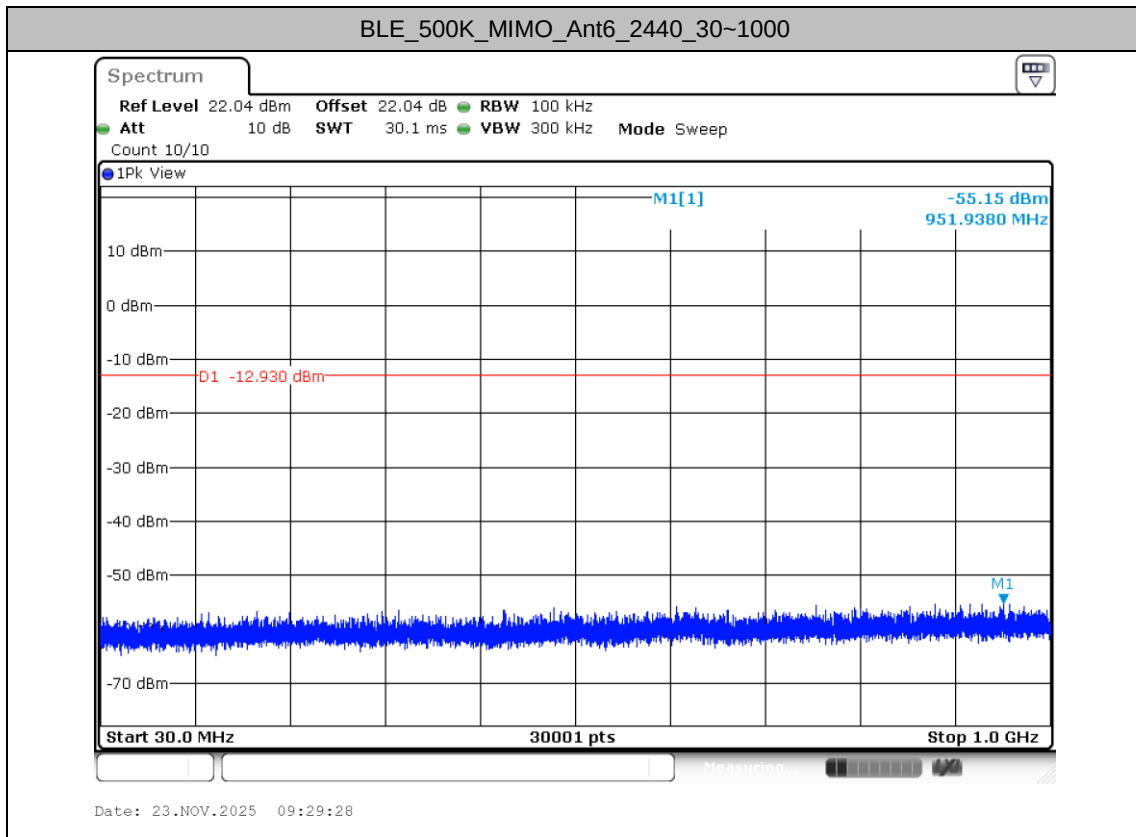


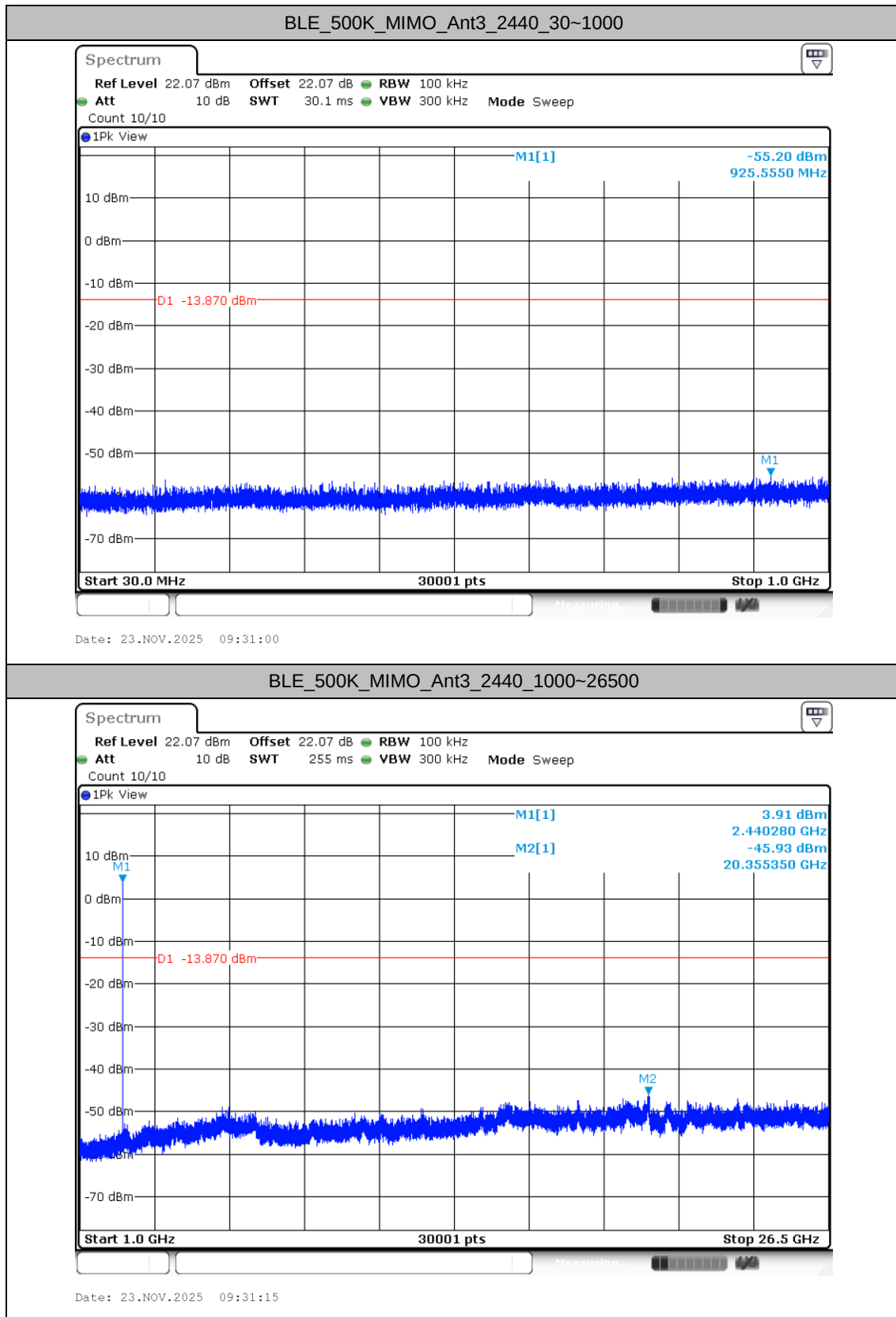


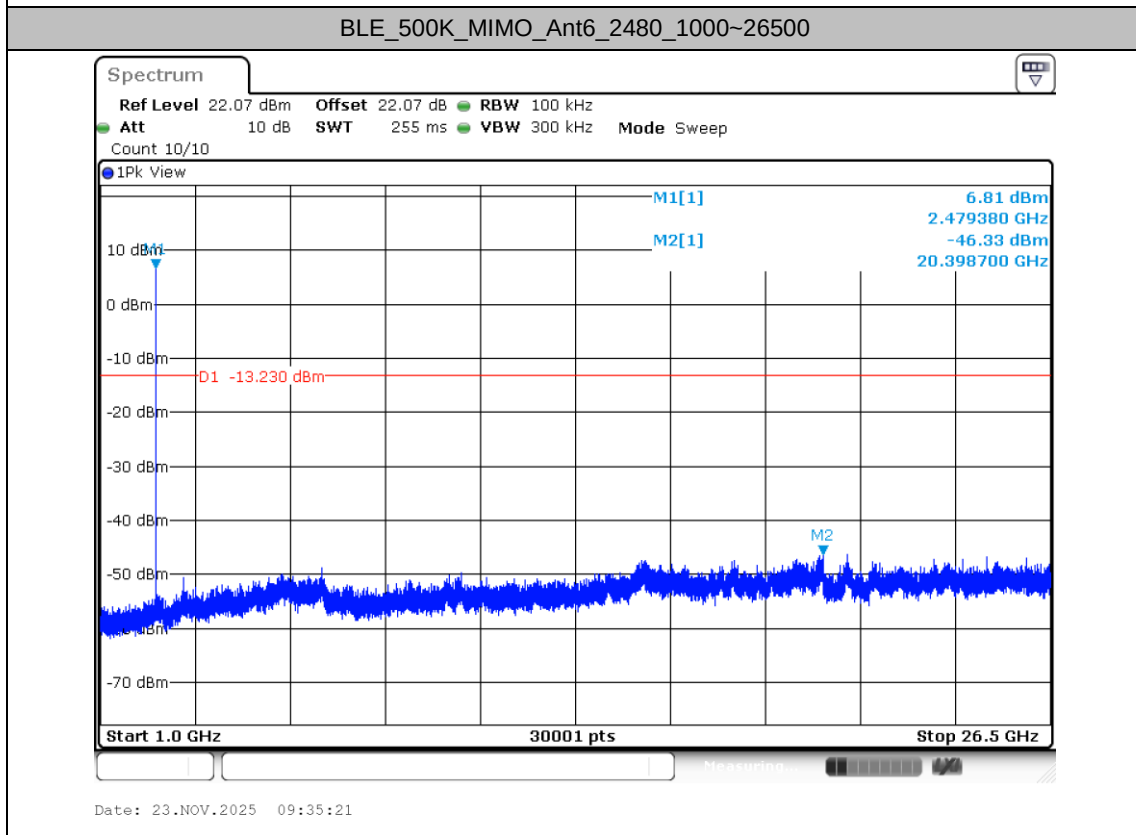
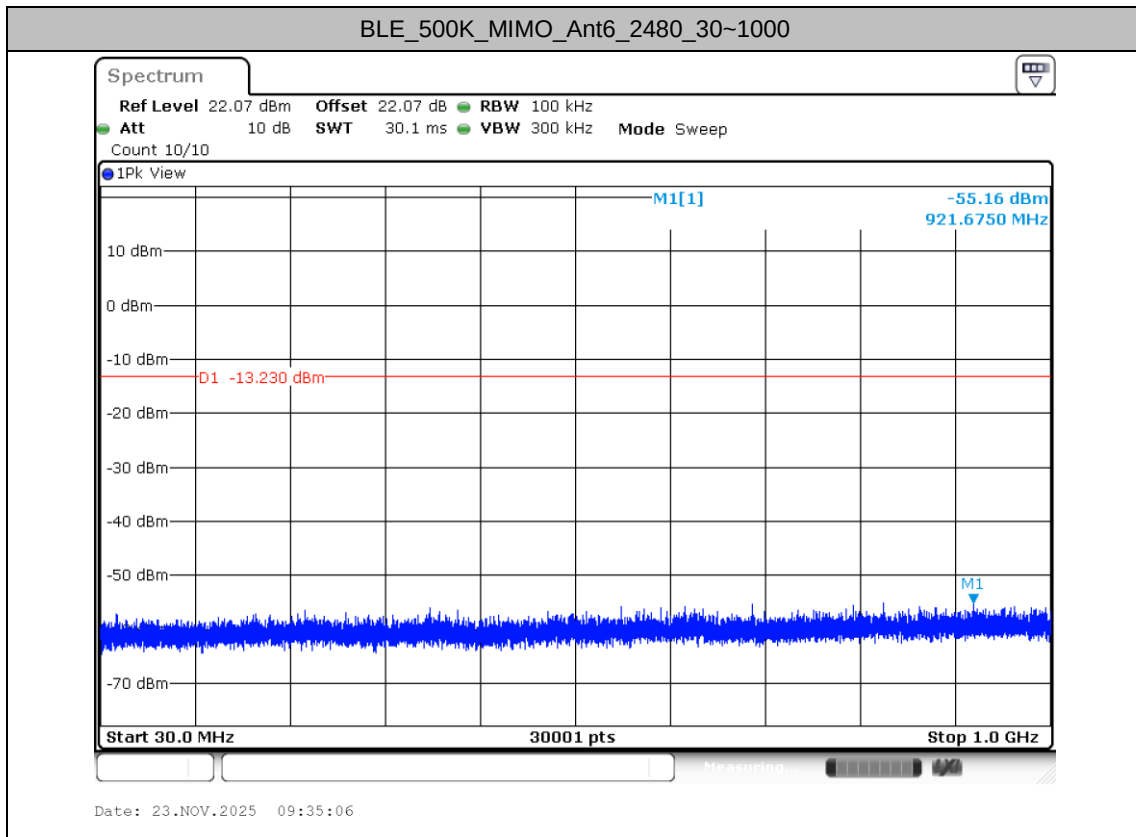


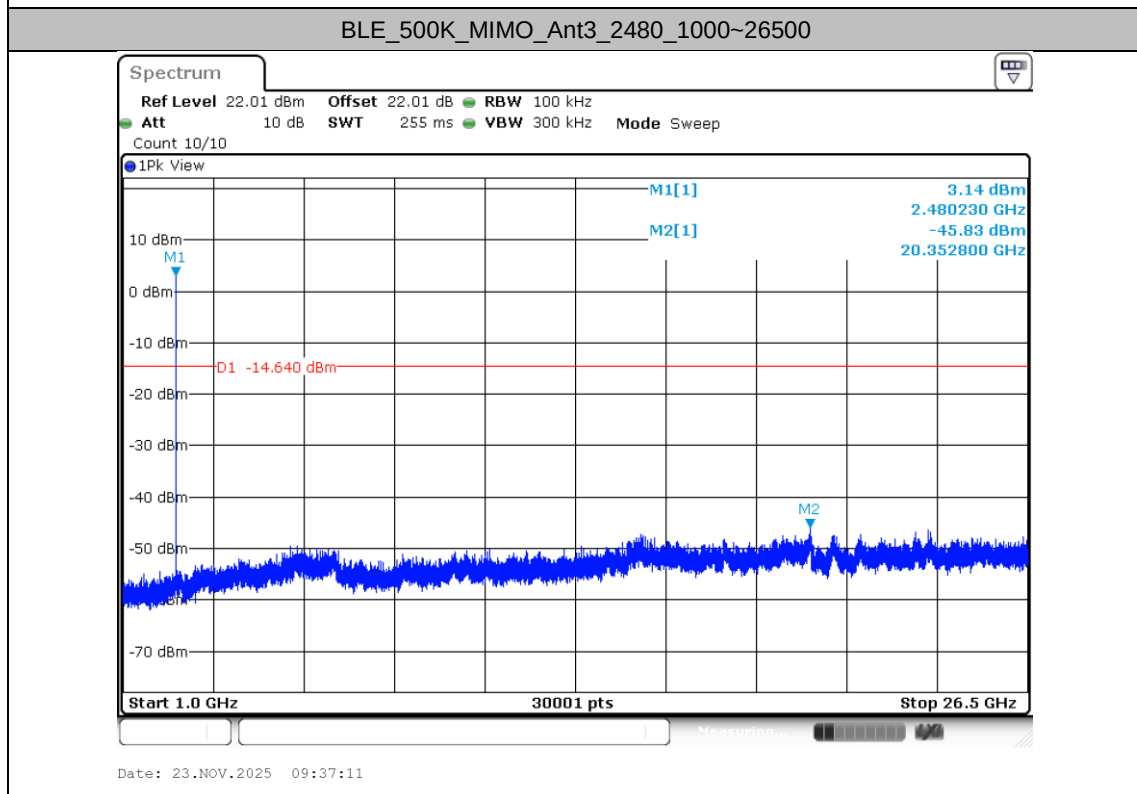
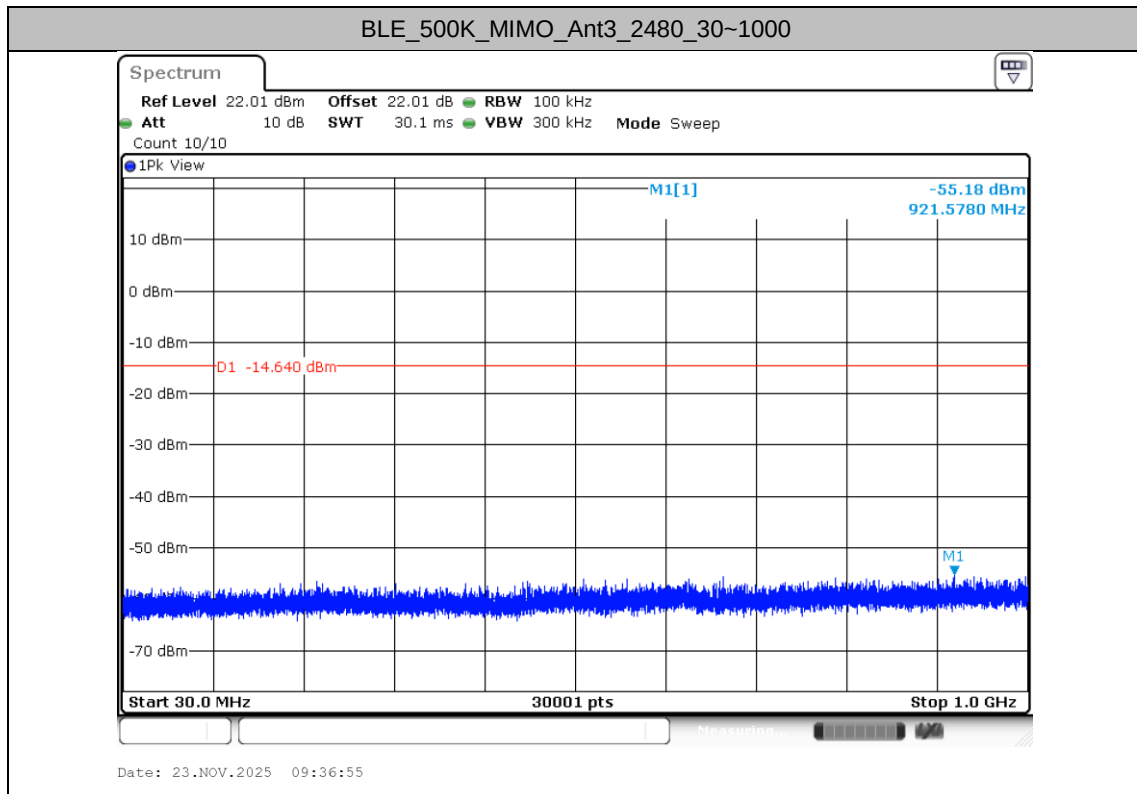














<BLE CS GFSK SISO>

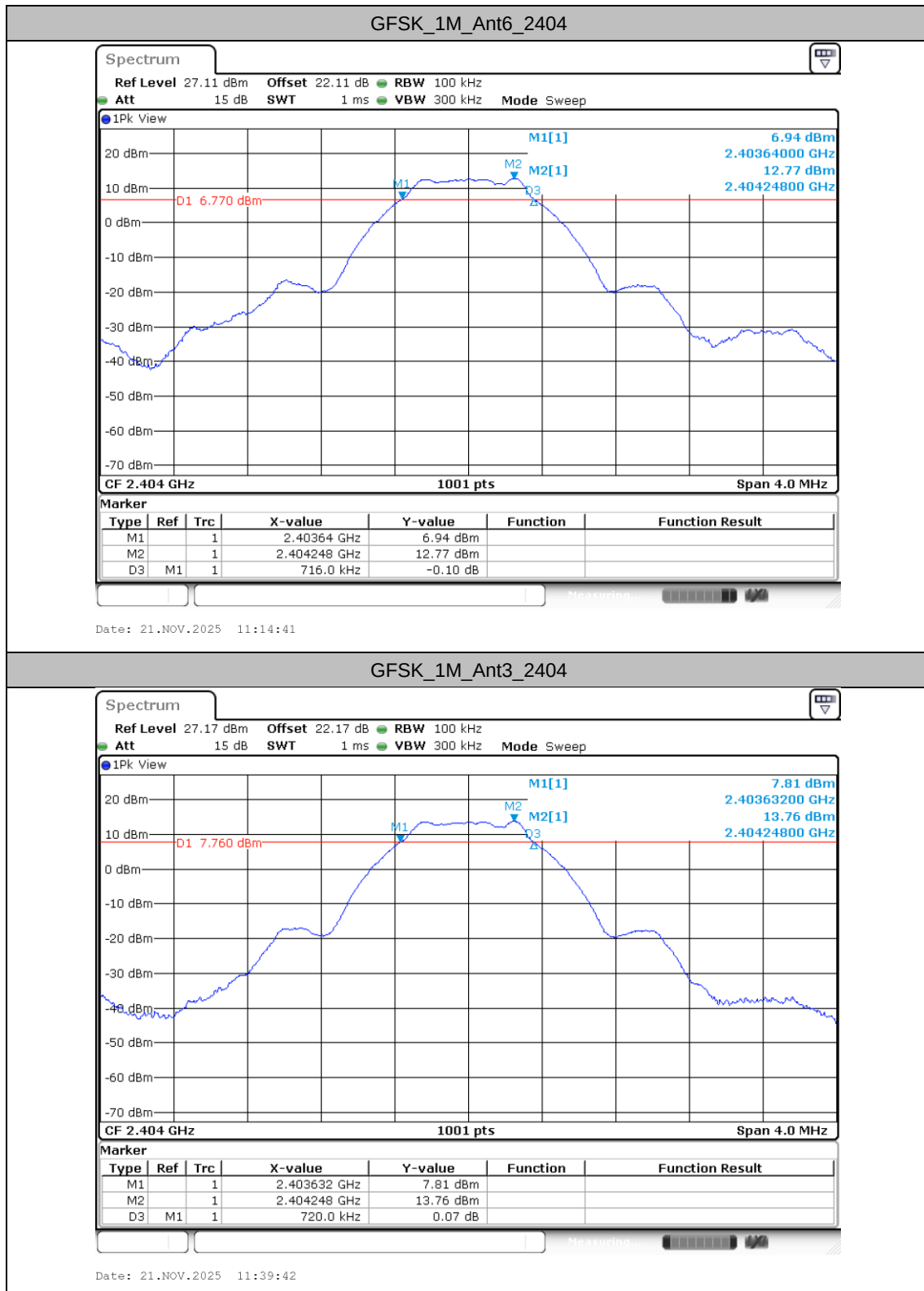
DTS Bandwidth

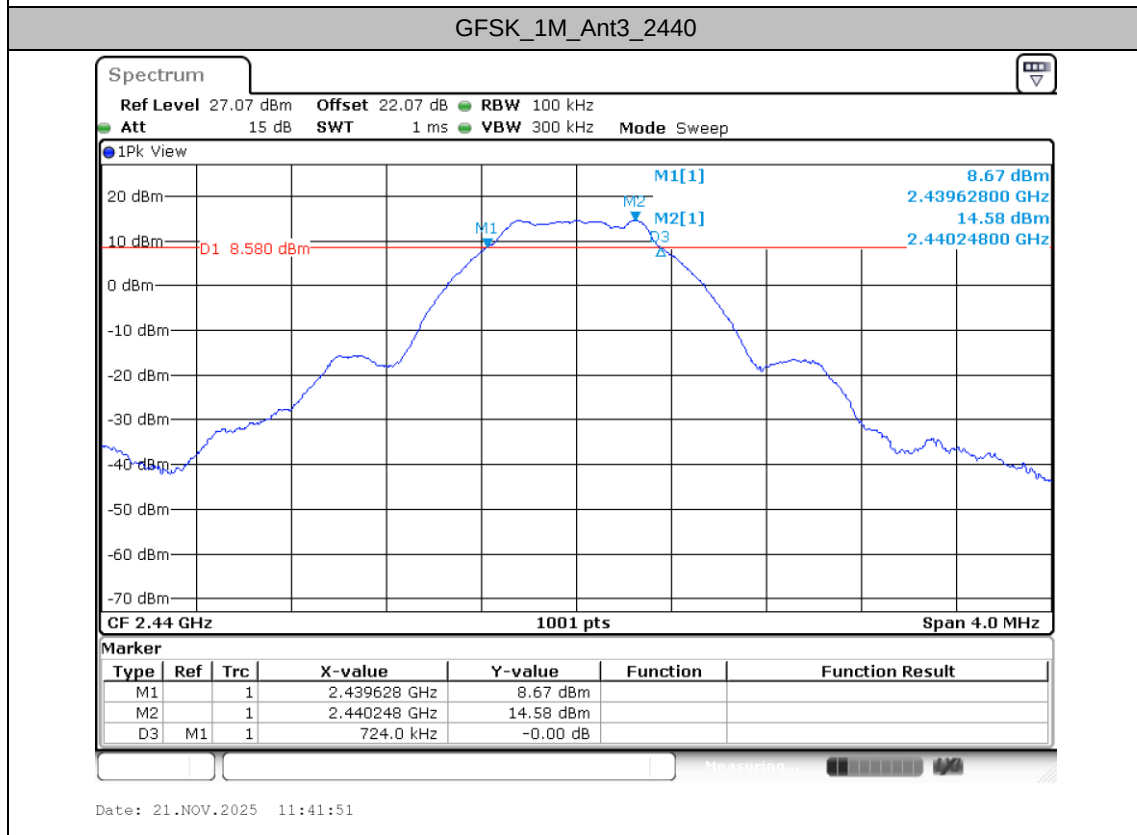
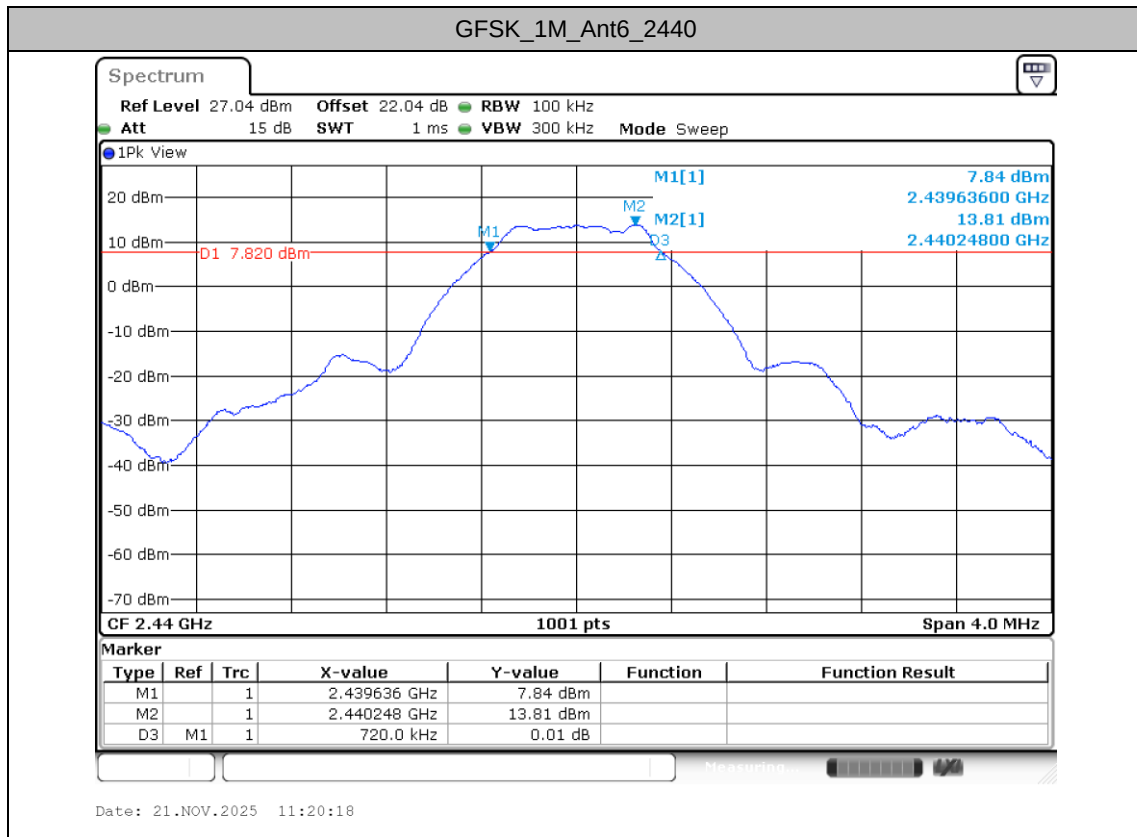
Test Result

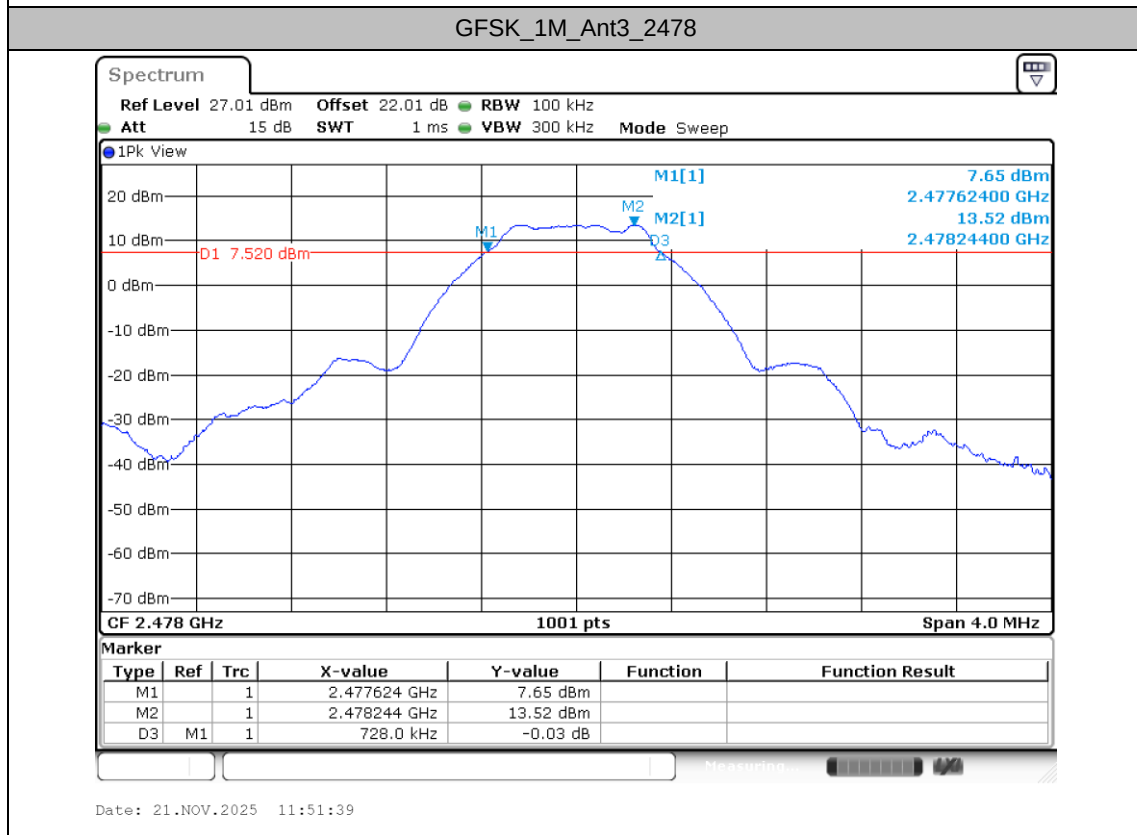
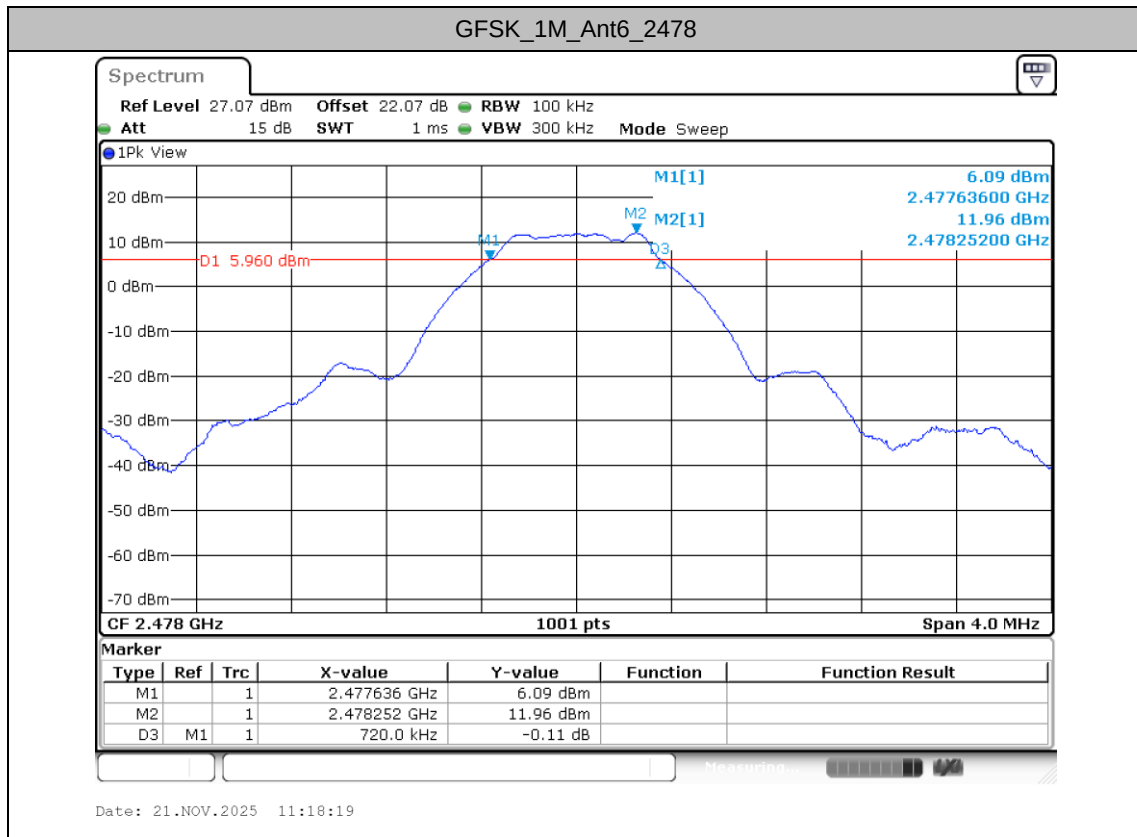
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
GFSK_1M	Ant6	2404	0.72	2403.64	2404.36	0.5	PASS
	Ant3	2404	0.72	2403.63	2404.35	0.5	PASS
	Ant6	2440	0.72	2439.64	2440.36	0.5	PASS
	Ant3	2440	0.72	2439.63	2440.35	0.5	PASS
	Ant6	2478	0.72	2477.64	2478.36	0.5	PASS
	Ant3	2478	0.73	2477.62	2478.35	0.5	PASS
GFSK_2M	Ant6	2404	1.38	2403.31	2404.69	0.5	PASS
	Ant3	2404	1.38	2403.31	2404.69	0.5	PASS
	Ant6	2440	1.38	2439.31	2440.69	0.5	PASS
	Ant3	2440	1.38	2439.31	2440.68	0.5	PASS
	Ant6	2478	1.38	2477.31	2478.69	0.5	PASS
	Ant3	2478	1.38	2477.31	2478.68	0.5	PASS



Test Graphs















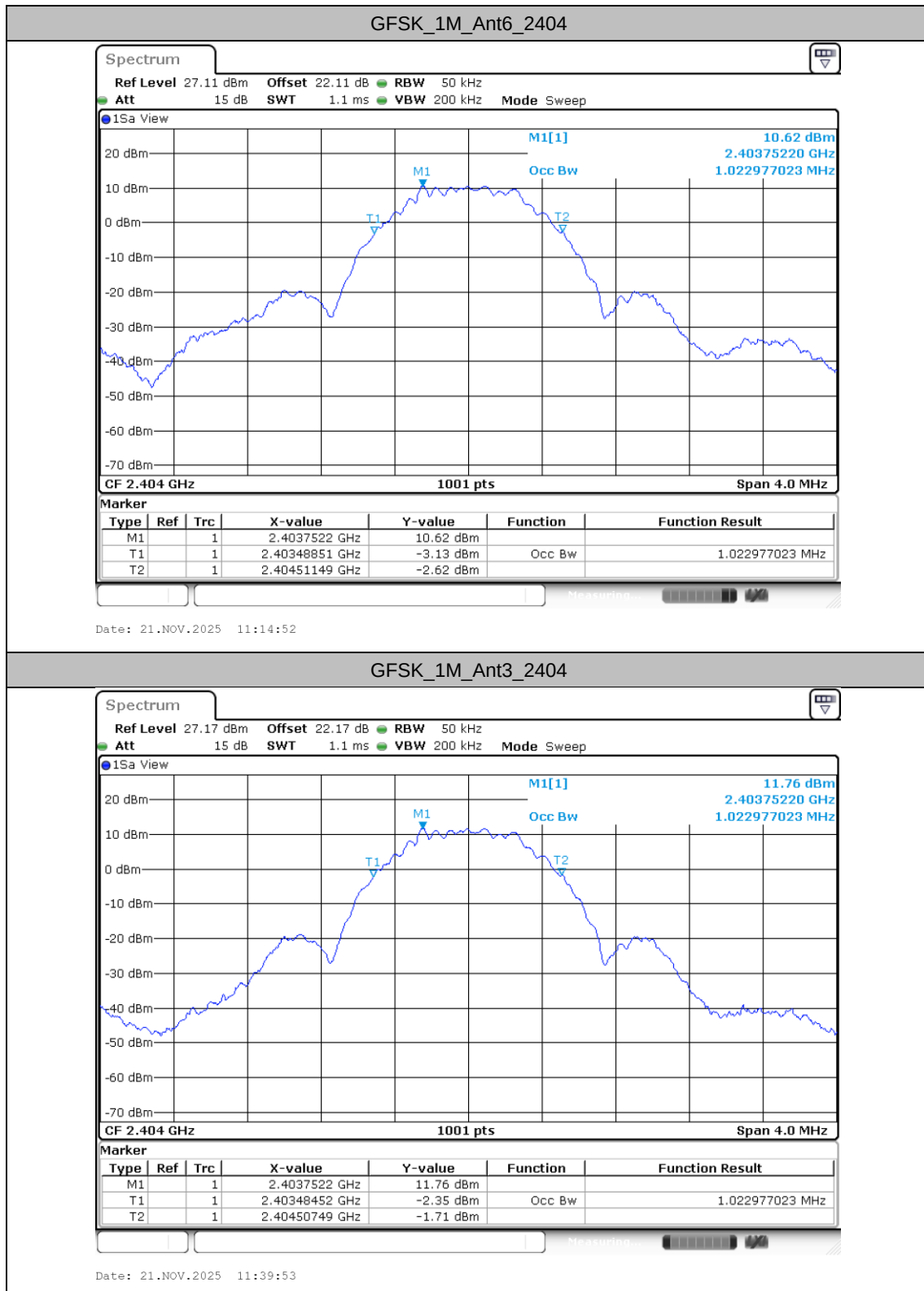
Occupied Channel Bandwidth

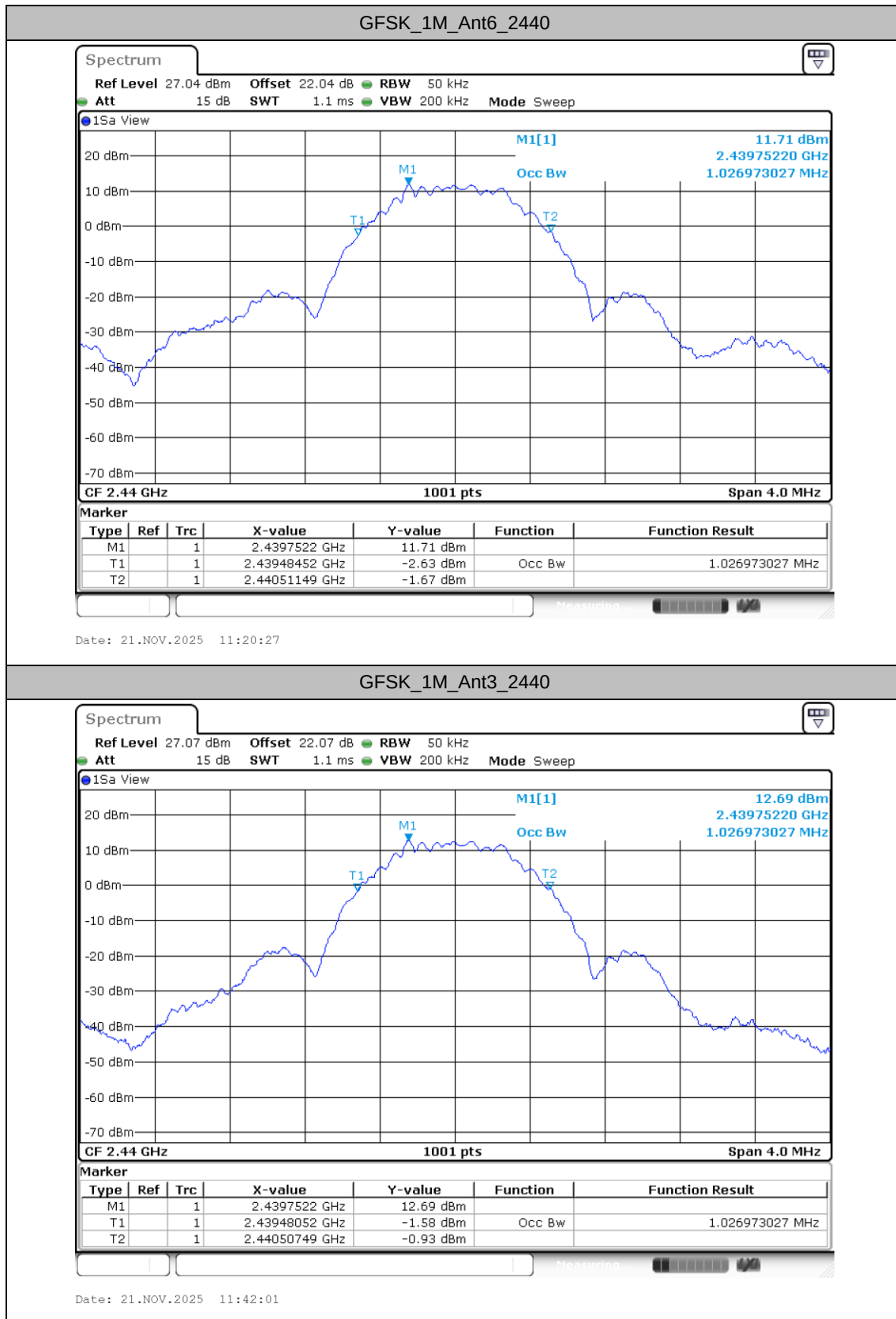
Test Result

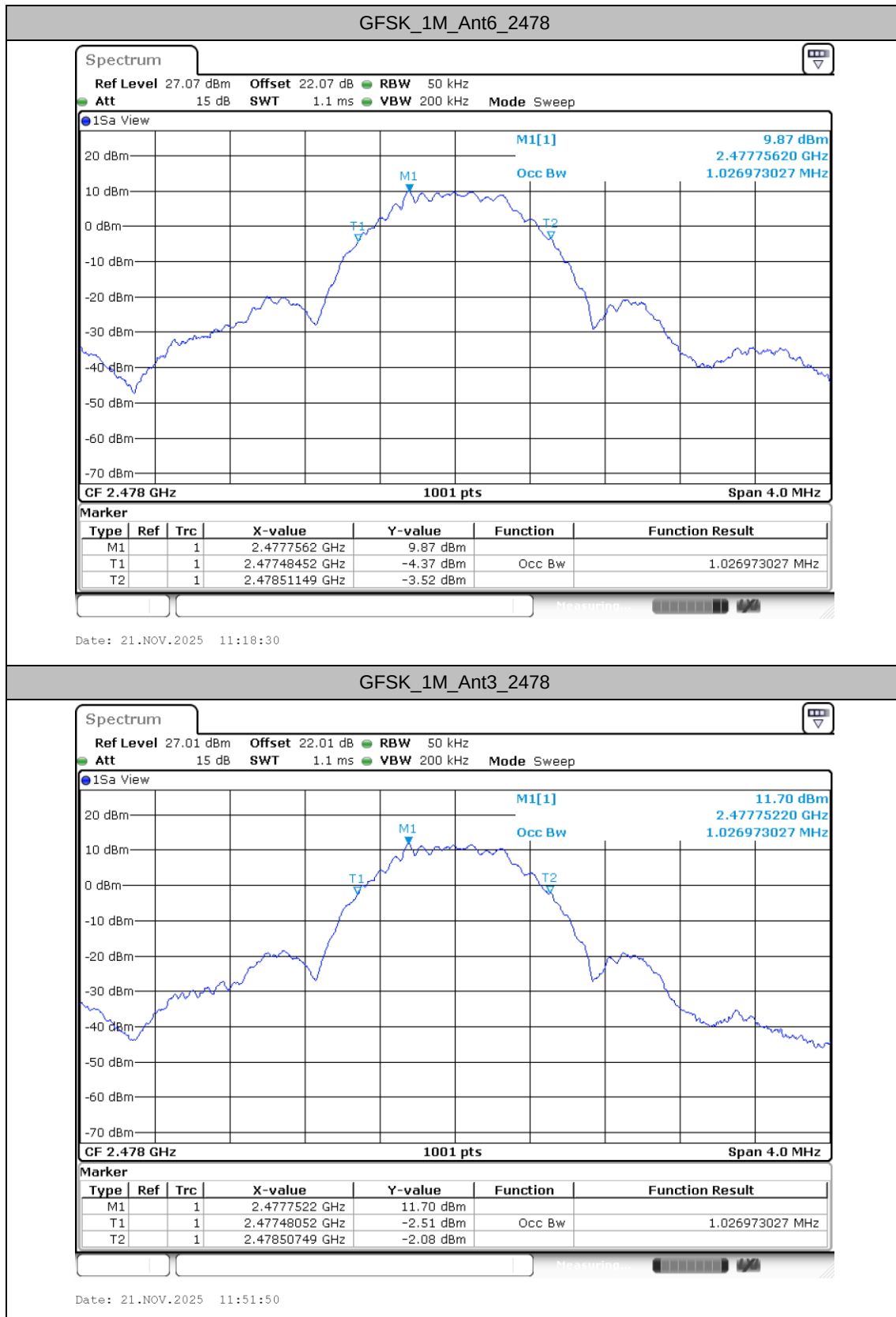
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]
GFSK_1M	Ant6	2404	1.023	2403.4885	2404.5115
	Ant3	2404	1.023	2403.4845	2404.5075
	Ant6	2440	1.027	2439.4845	2440.5115
	Ant3	2440	1.027	2439.4805	2440.5075
	Ant6	2478	1.027	2477.4845	2478.5115
	Ant3	2478	1.027	2477.4805	2478.5075
GFSK_2M	Ant6	2404	2.042	2402.9890	2405.0310
	Ant3	2404	2.05	2402.9810	2405.0310
	Ant6	2440	2.046	2438.9850	2441.0310
	Ant3	2440	2.05	2438.9770	2441.0270
	Ant6	2478	2.054	2476.9770	2479.0310
	Ant3	2478	2.046	2476.9770	2479.0230

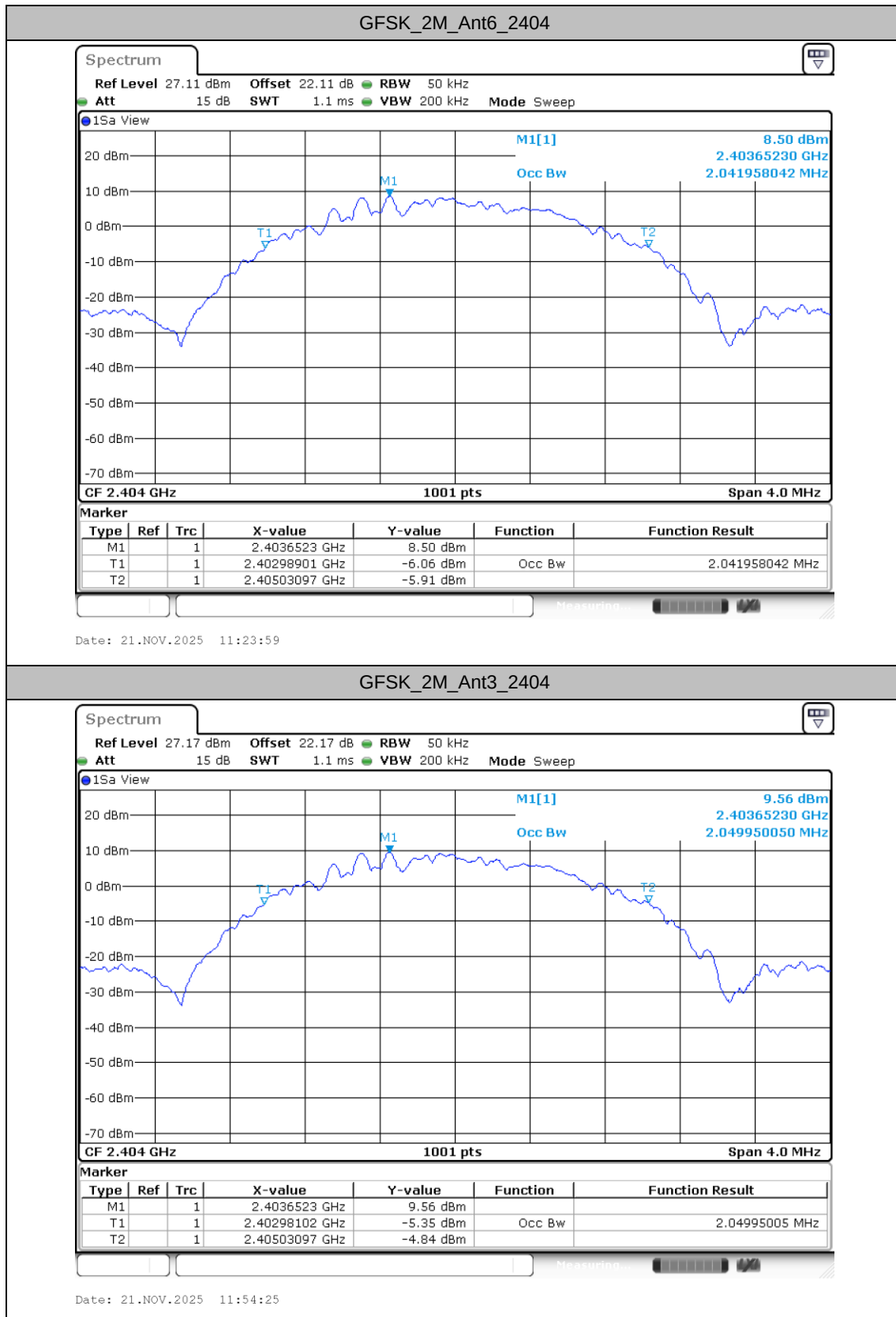


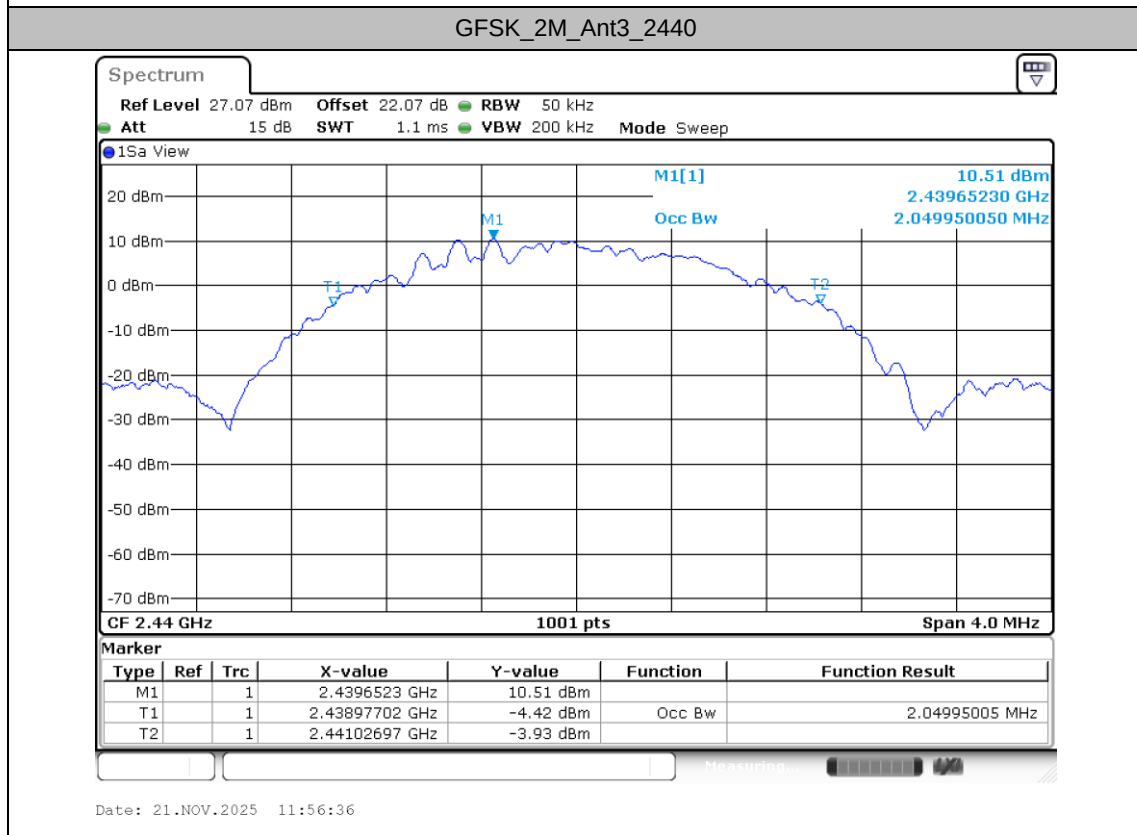
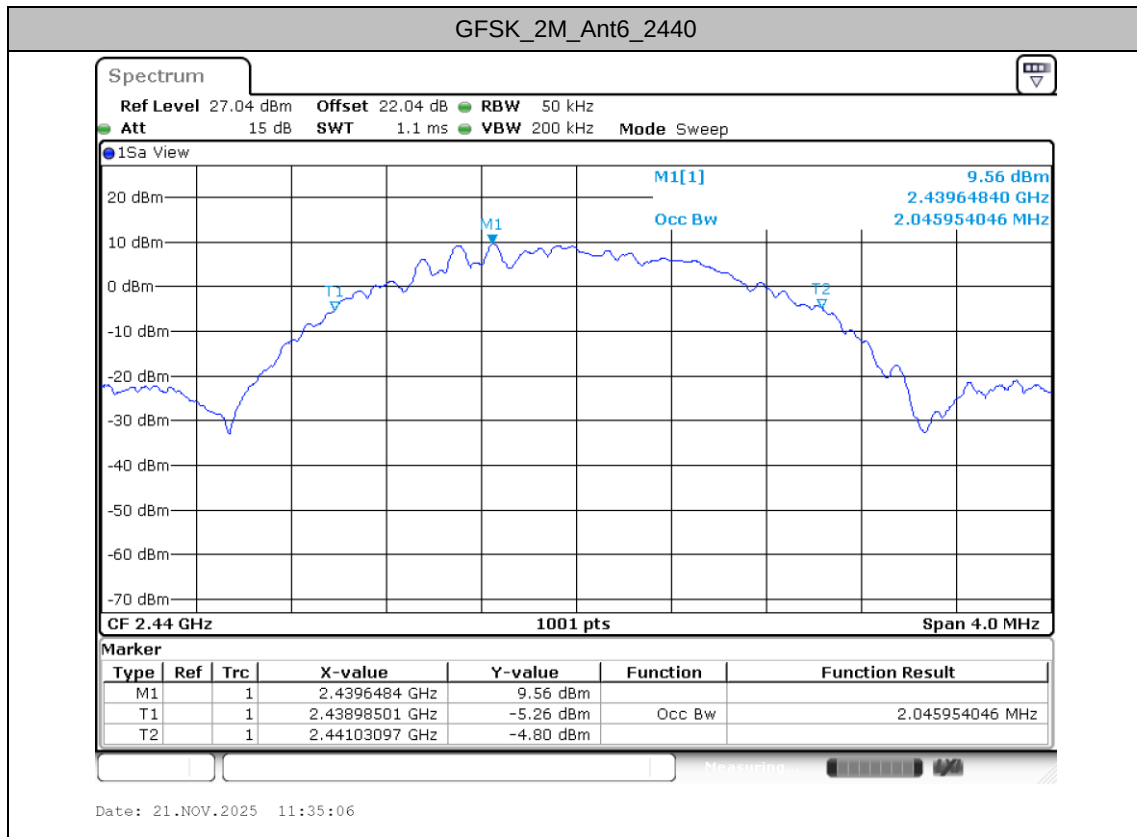
Test Graphs

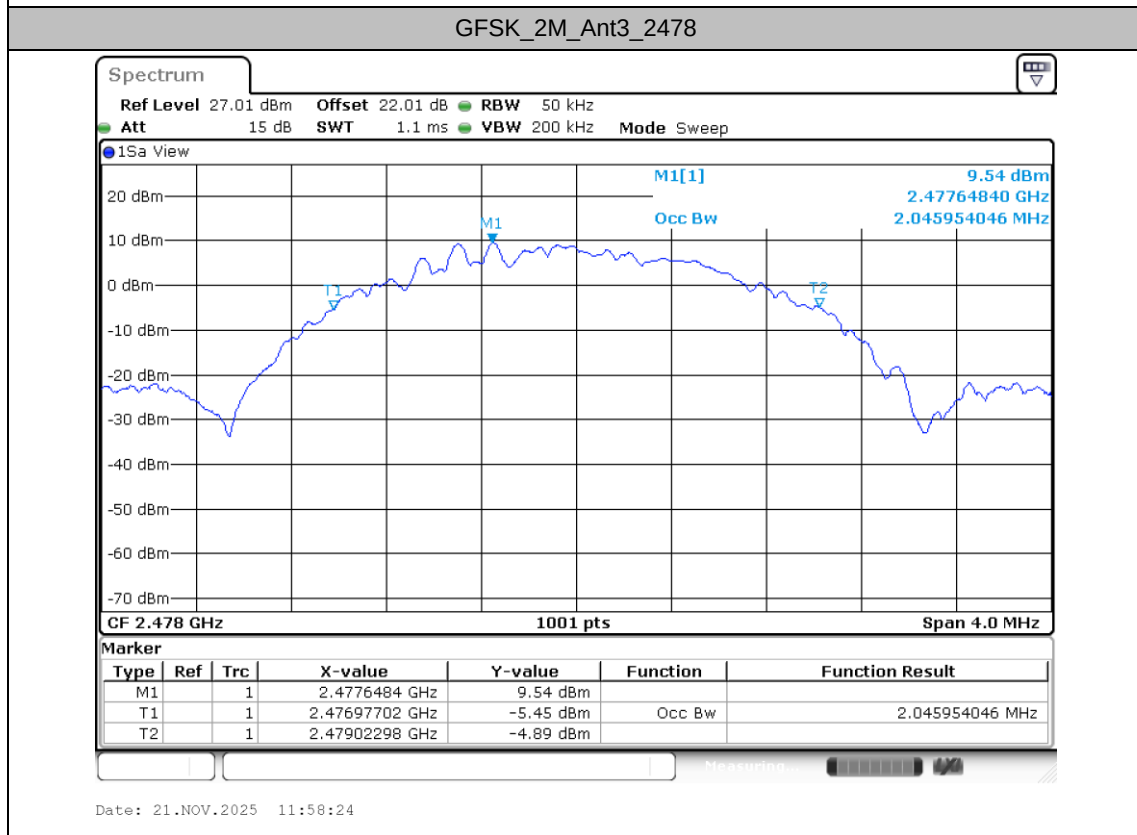
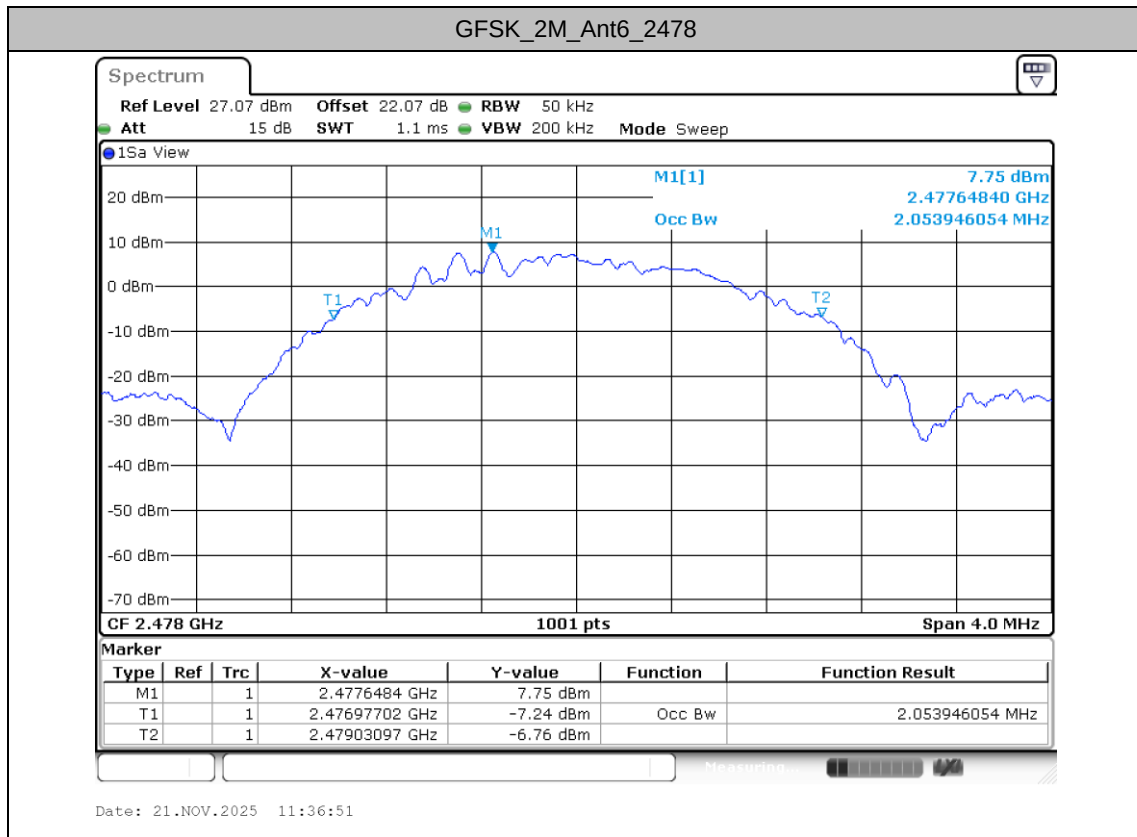












Maximum conducted output power

Test Result Peak

Test Mode	Antenna	CH.	Peak Conducted Power (dBm)	Conducted Power Limit	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit	Pass/Fail	Power Setting
GFSK_1M	Ant 6	2	14.27	30.00	-6.2	8.07	36.00	Pass	10
		38	15.30	30.00	-6.2	9.10	36.00	Pass	10
		76	13.75	30.00	-6.2	7.55	36.00	Pass	10
GFSK_2M	Ant 6	2	14.26	30.00	-6.2	8.06	36.00	Pass	10
		38	15.33	30.00	-6.2	9.13	36.00	Pass	10
		76	13.76	30.00	-6.2	7.56	36.00	Pass	10
GFSK_1M	Ant 3	2	15.45	30.00	-6.5	8.95	36.00	Pass	10
		38	16.05	30.00	-6.5	9.55	36.00	Pass	10
		76	15.79	30.00	-6.5	9.29	36.00	Pass	10
GFSK_2M	Ant 3	2	15.25	30.00	-6.5	8.75	36.00	Pass	10
		38	16.08	30.00	-6.5	9.58	36.00	Pass	10
		76	15.85	30.00	-6.5	9.35	36.00	Pass	10



Test Result Average

TestMode	Antenna	CH.	Duty Factor (dB)	Average Conducted Power (dBm)	Power Setting
GFSK_1M	Ant 6	2	0.00	13.96	10.00
		38	0.00	15.05	10.00
		76	0.00	13.68	10.00
GFSK_2M	Ant 6	2	0.00	13.98	10.00
		38	0.00	15.10	10.00
		76	0.00	13.71	10.00
GFSK_1M	Ant 3	2	0.00	15.02	10.00
		38	0.00	15.48	10.00
		76	0.00	15.45	10.00
GFSK_2M	Ant 3	2	0.00	15.05	10.00
		38	0.00	15.49	10.00
		76	0.00	15.41	10.00



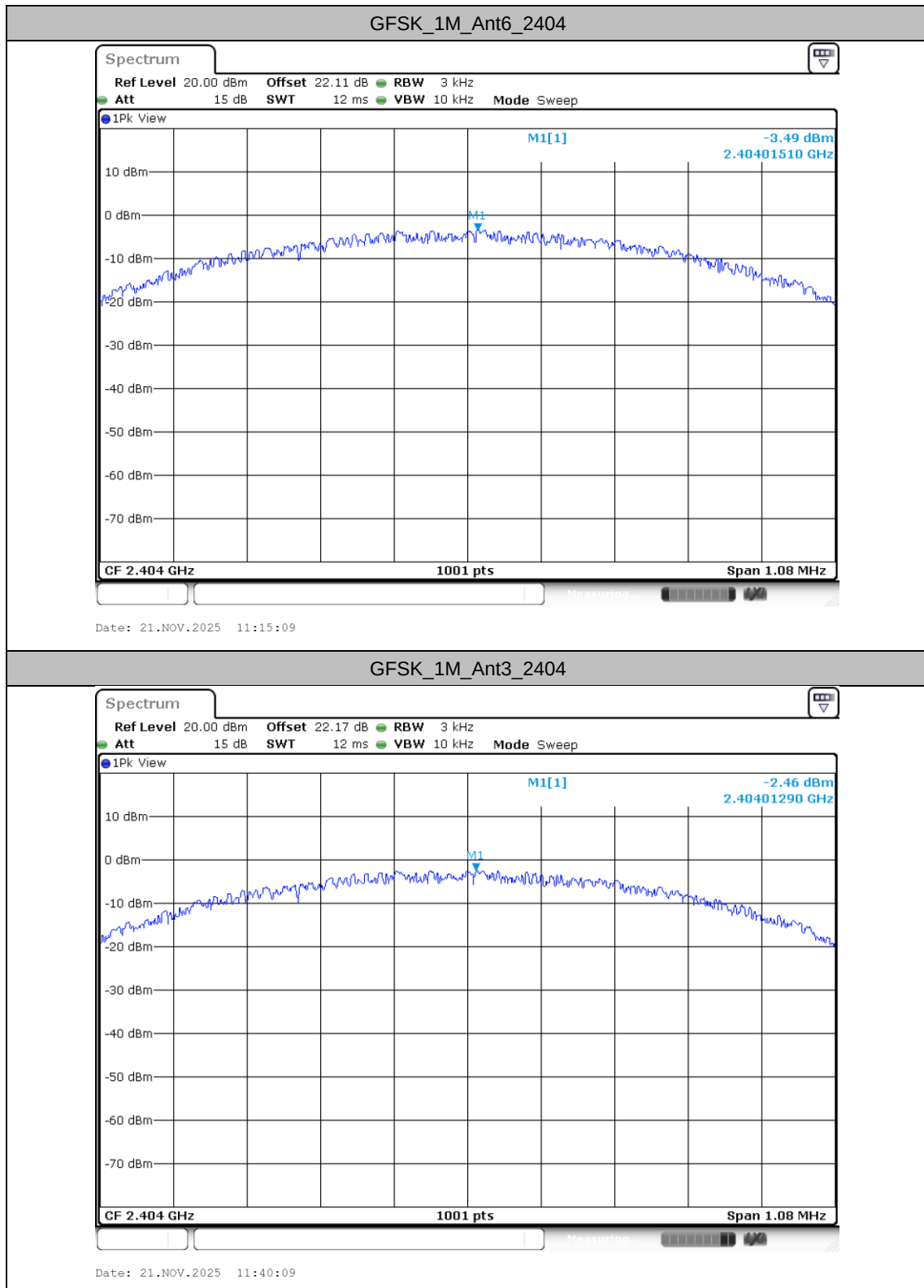
Maximum power spectral density

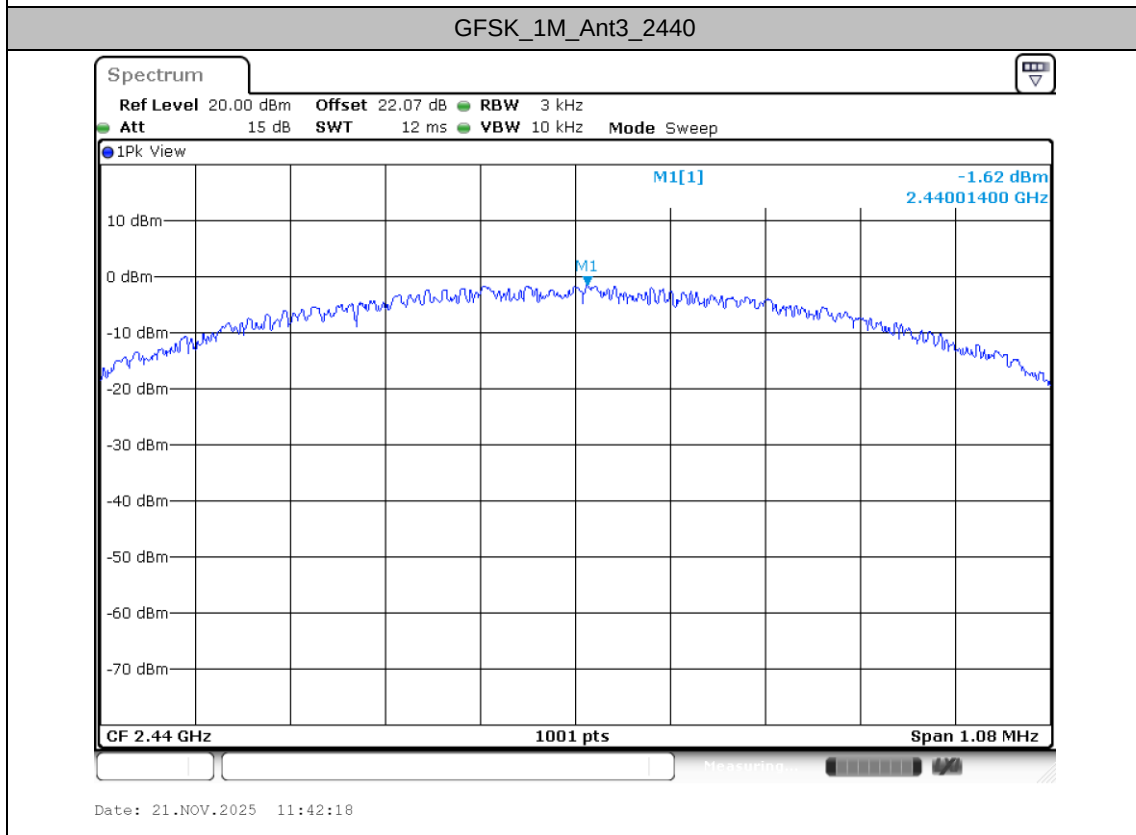
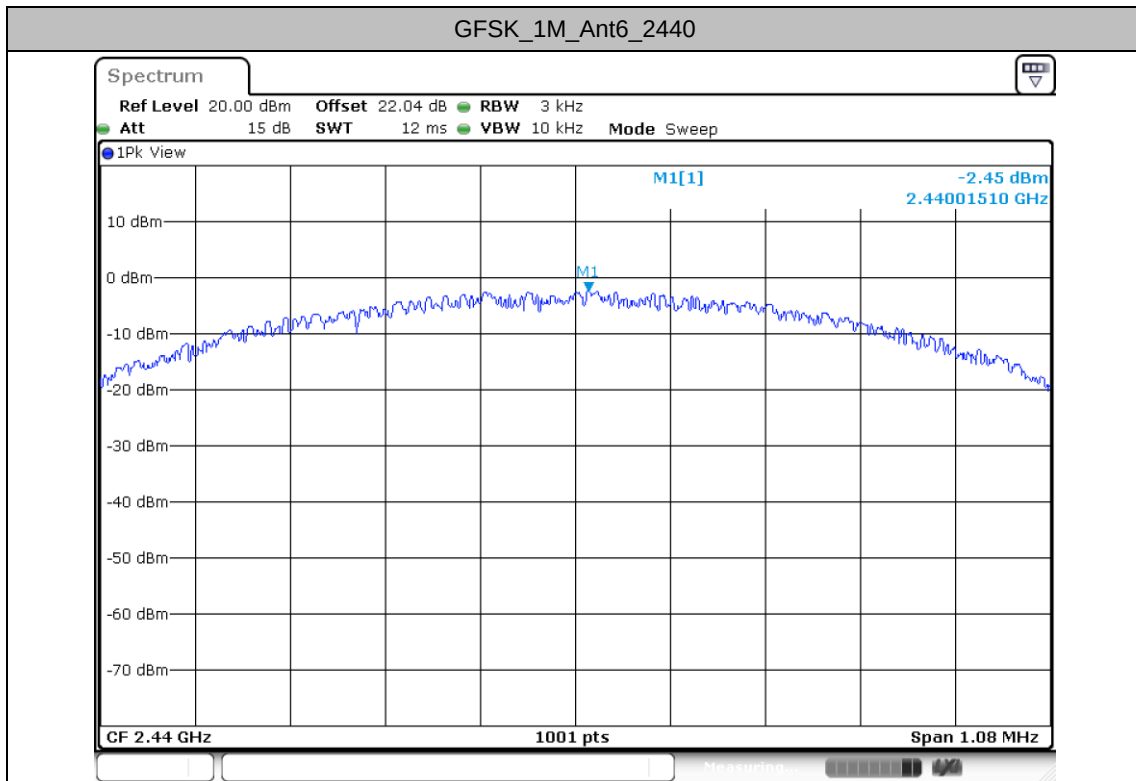
Test Result

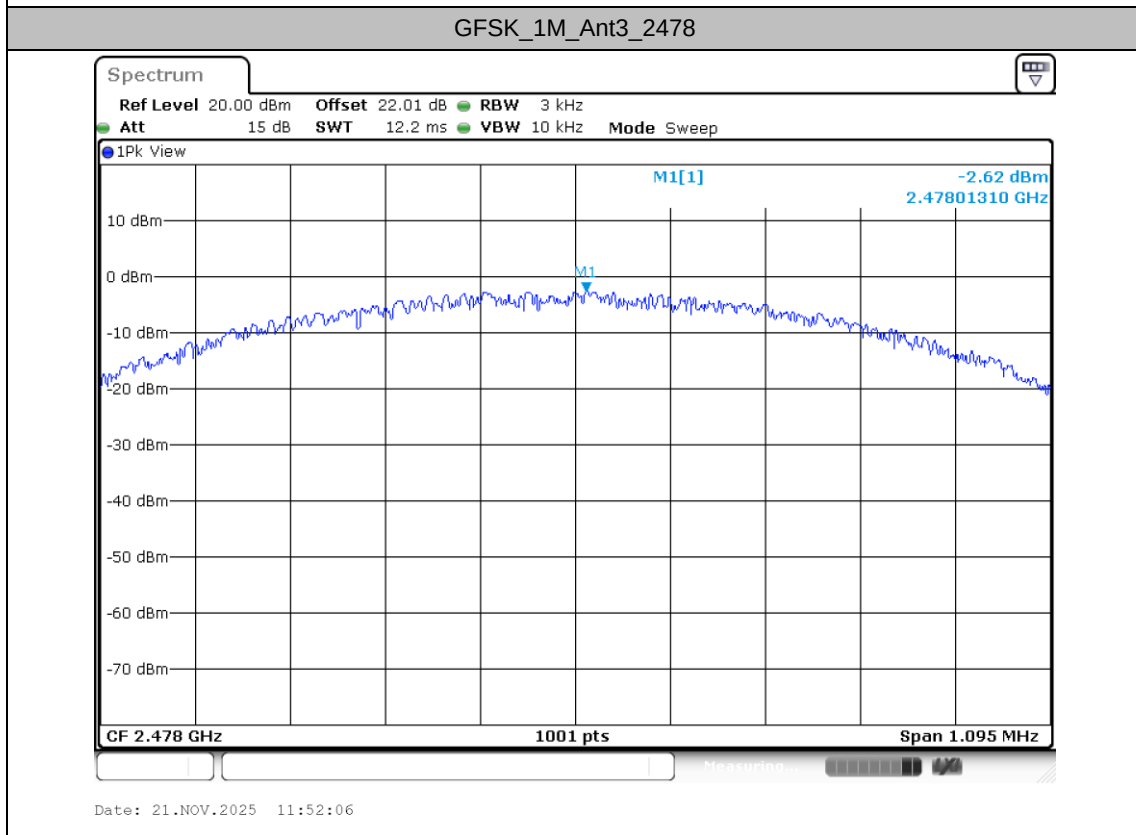
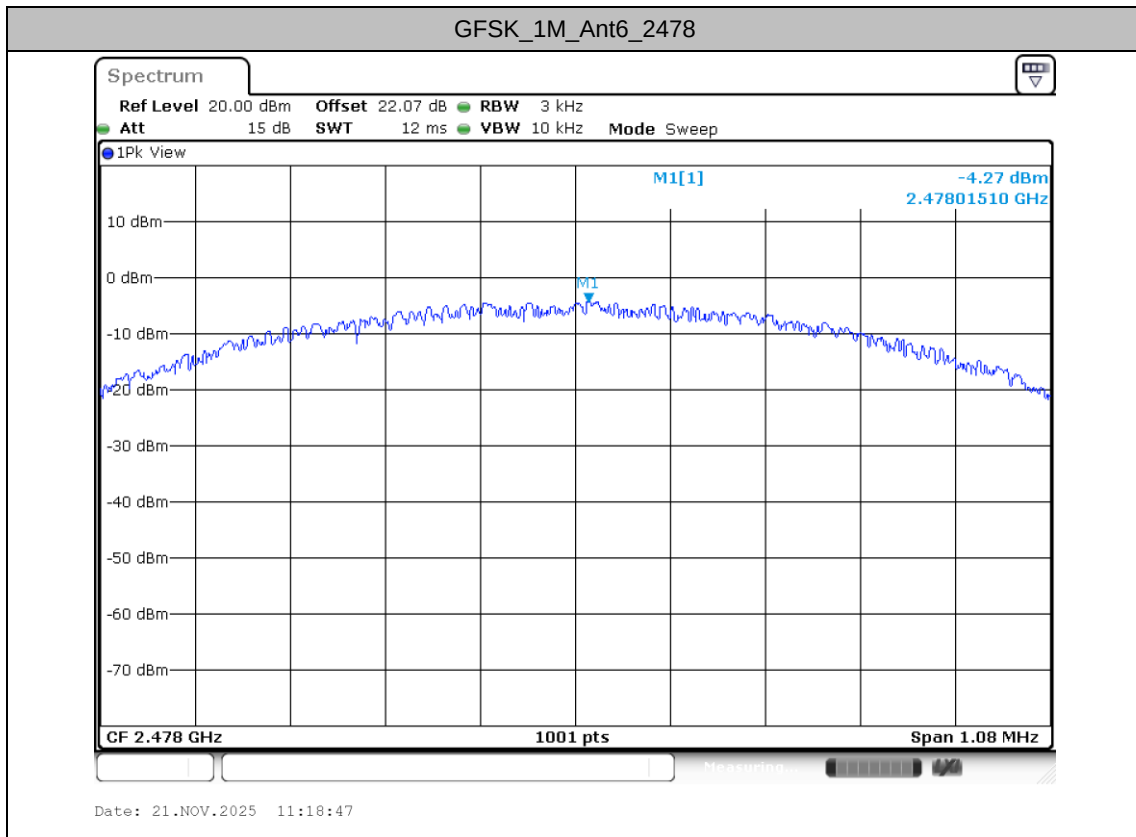
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
GFSK_1M	Ant6	2404	-3.49	≤8.00	PASS
	Ant3	2404	-2.46	≤8.00	PASS
	Ant6	2440	-2.45	≤8.00	PASS
	Ant3	2440	-1.62	≤8.00	PASS
	Ant6	2478	-4.27	≤8.00	PASS
	Ant3	2478	-2.62	≤8.00	PASS
GFSK_2M	Ant6	2404	-8.83	≤8.00	PASS
	Ant3	2404	-7.81	≤8.00	PASS
	Ant6	2440	-7.83	≤8.00	PASS
	Ant3	2440	-6.94	≤8.00	PASS
	Ant6	2478	-9.66	≤8.00	PASS
	Ant3	2478	-7.96	≤8.00	PASS

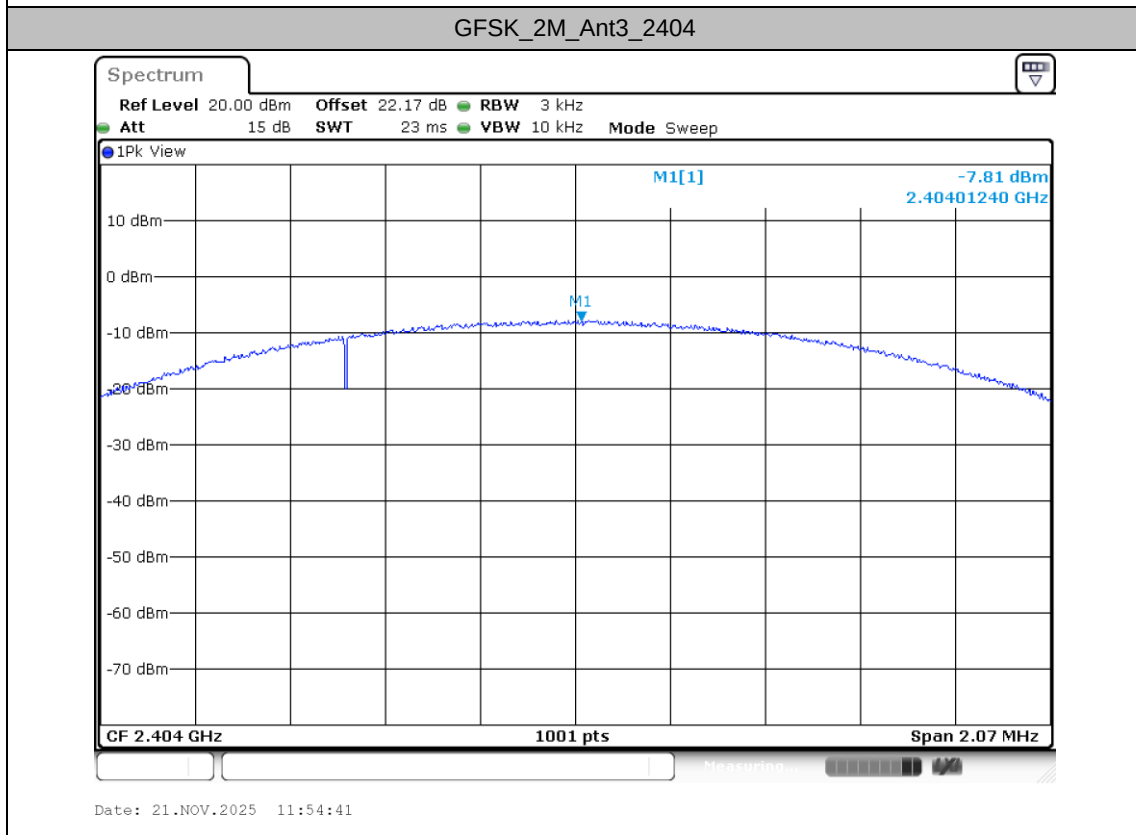
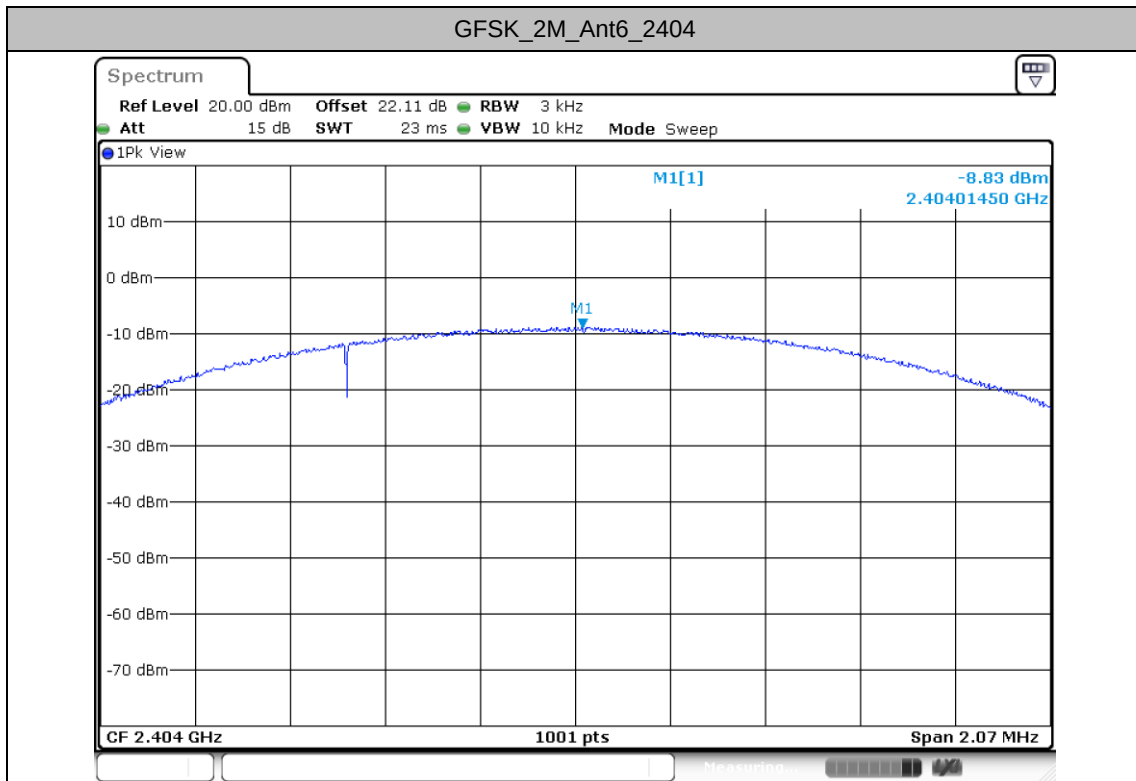


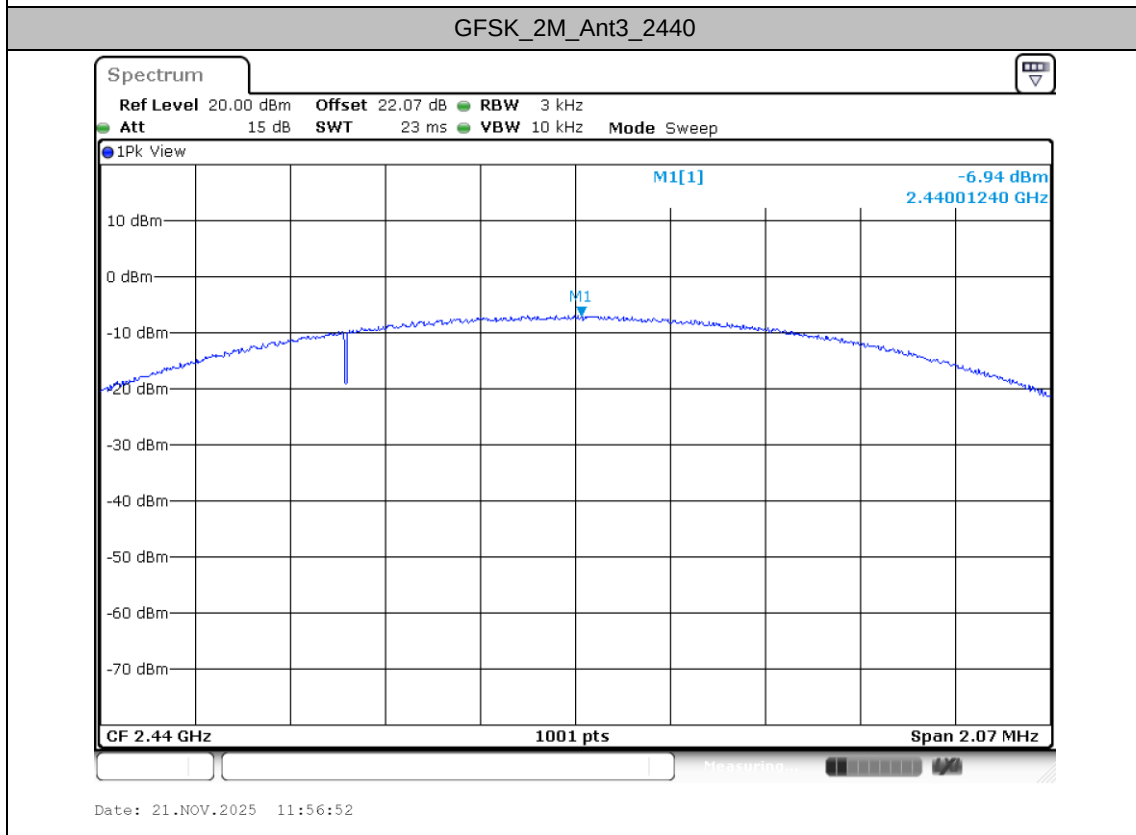
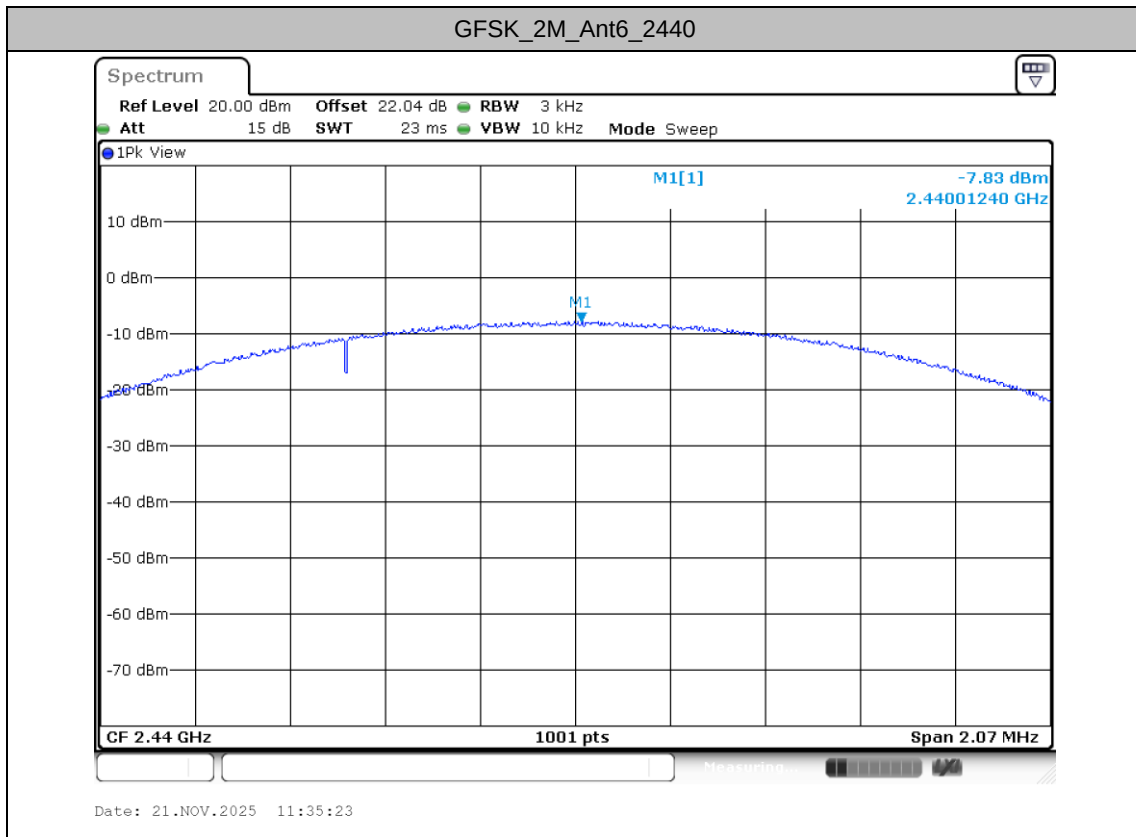
Test Graphs

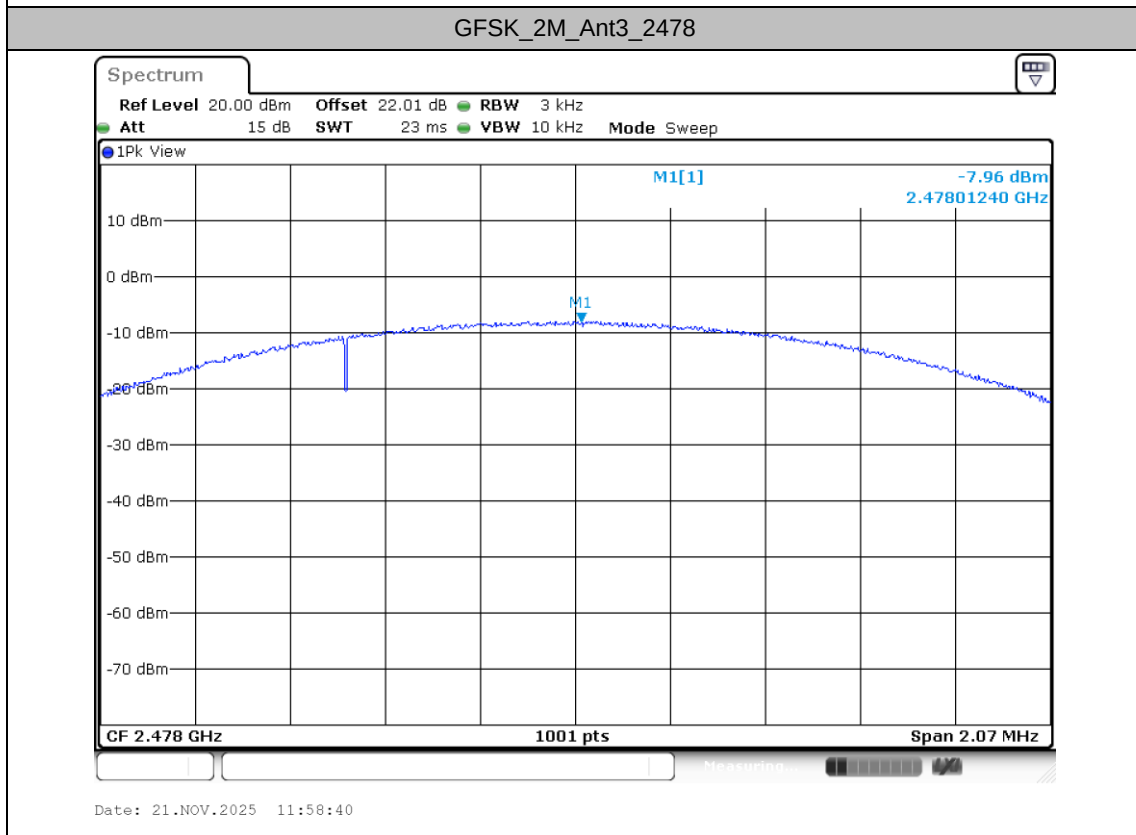
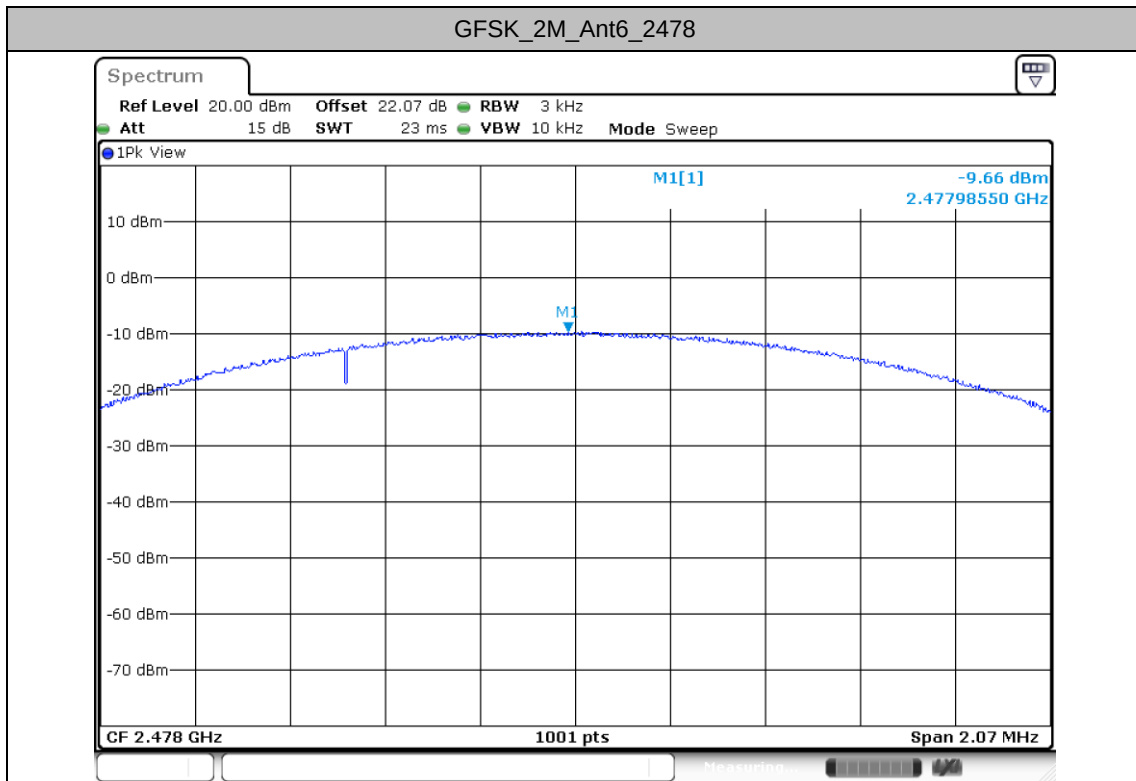














Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
GFSK_1M	Ant6	2404	2404.25	12.79
	Ant3	2404	2404.25	13.77
	Ant6	2440	2440.25	13.83
	Ant3	2440	2440.00	14.54
	Ant6	2478	2478.25	11.95
	Ant3	2478	2478.00	13.53
GFSK_2M	Ant6	2404	2404.17	10.69
	Ant3	2404	2404.17	11.71
	Ant6	2440	2440.17	11.72
	Ant3	2440	2439.50	12.59
	Ant6	2478	2478.17	9.86
	Ant3	2478	2477.50	11.64



Test Graphs

