



BLE 2M Ant8 2404



BLE 2M Ant8 2440

Reference No.: W7L-P24090003RF02



BLE 2M Ant8 2478

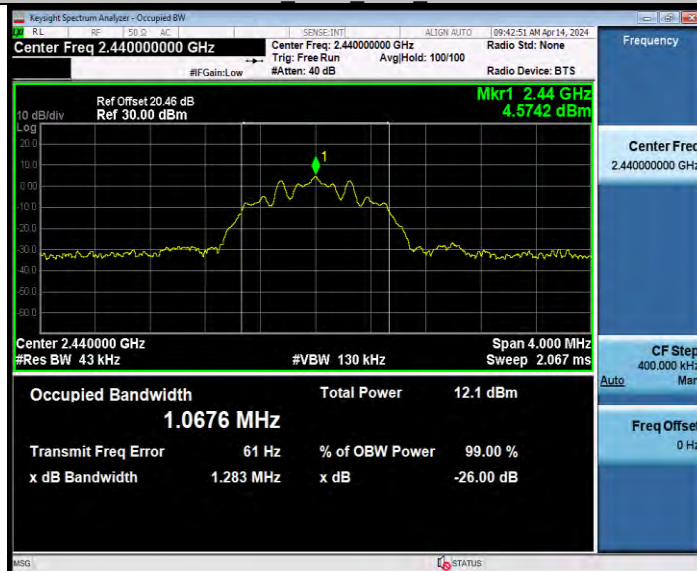


BLE 125K Ant8 2402

Reference No.: W7L-P24090003RF02



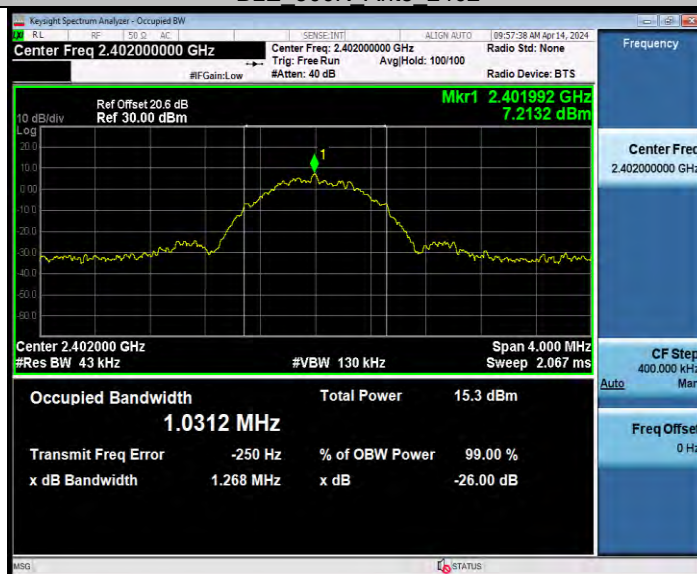
BLE 125K Ant8 2440



BLE 125K Ant8 2480



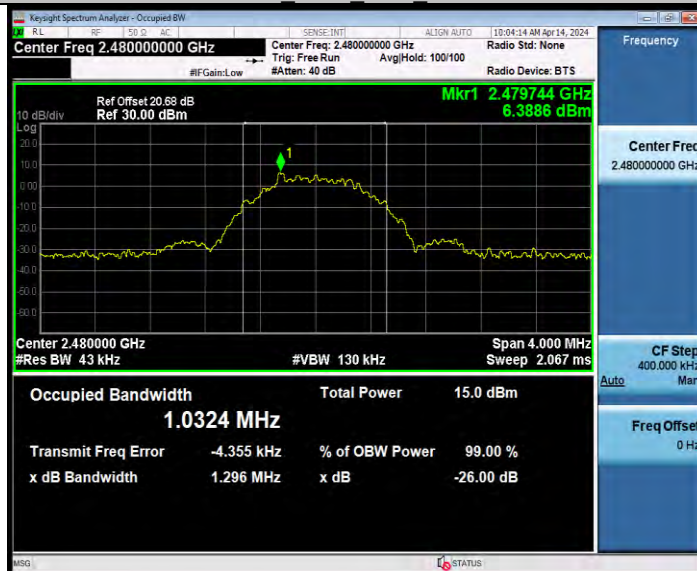
BLE 500K Ant8 2402



BLE 500K Ant8 2440



BLE 500K Ant8 2480



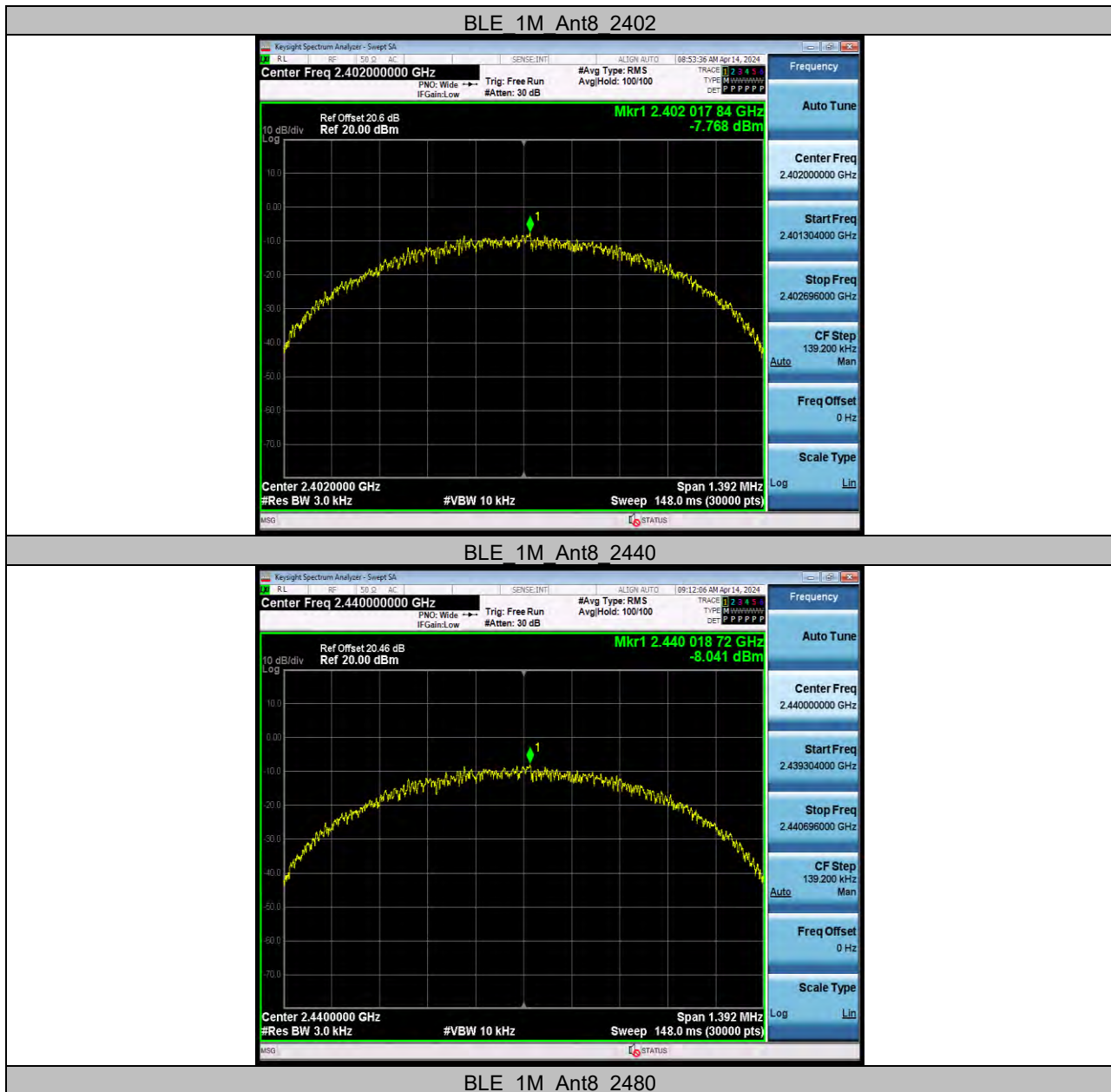
MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

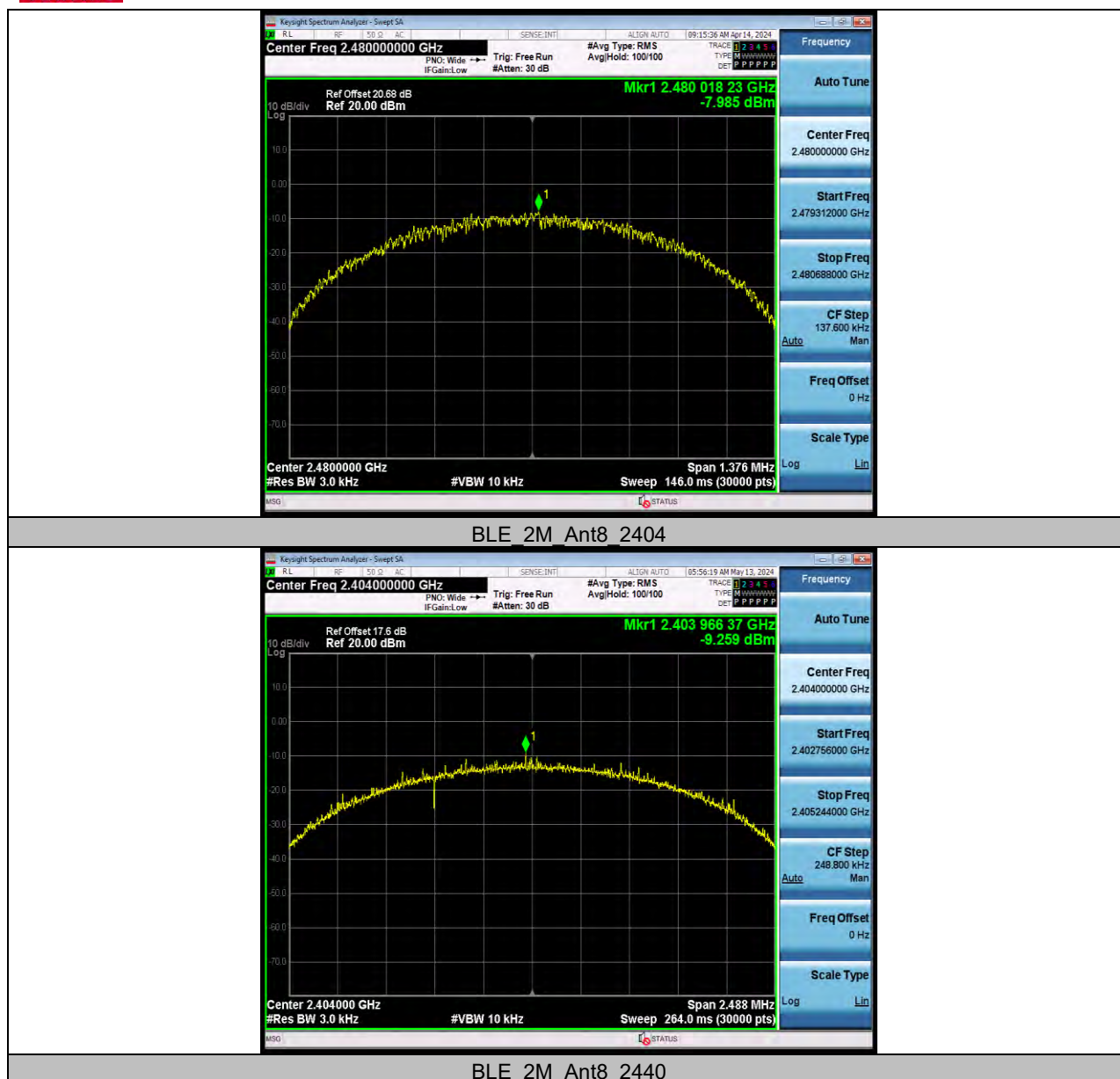
TestMode	Antenna	Channel	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Limit [dBm]	EIRP [dBm]	EIRP [mw]	EIRP Limit [dBm]	Verdict	Power Setting
BLE_1M	Ant8	2402	7.27	7.38	5.47	≤30	7.78	6.00	≤36	PASS	Default
		2440	7.43	7.45	5.56	≤30	7.85	6.10	≤36	PASS	Default
		2480	7.34	7.4	5.50	≤30	7.8	6.03	≤36	PASS	Default
BLE_2M	Ant8	2404	6.04	7.51	5.64	≤30	7.91	6.18	≤36	PASS	Default
		2440	6.29	7.55	5.69	≤30	7.95	6.24	≤36	PASS	Default
		2478	6.02	7.51	5.64	≤30	7.91	6.18	≤36	PASS	Default
BLE_125k	Ant8	2402	7.27	7.36	5.45	≤30	7.76	5.97	≤36	PASS	Default
		2440	7.38	7.46	5.57	≤30	7.86	6.11	≤36	PASS	Default
		2480	7.28	7.38	5.47	≤30	7.78	6.00	≤36	PASS	Default
BLE_500K	Ant8	2402	7.15	7.37	5.46	≤30	7.77	5.98	≤36	PASS	Default
		2440	7.54	7.45	5.56	≤30	7.85	6.10	≤36	PASS	Default
		2480	7.43	7.4	5.50	≤30	7.8	6.03	≤36	PASS	Default
Note:EIRP=Peak Power+Gain											

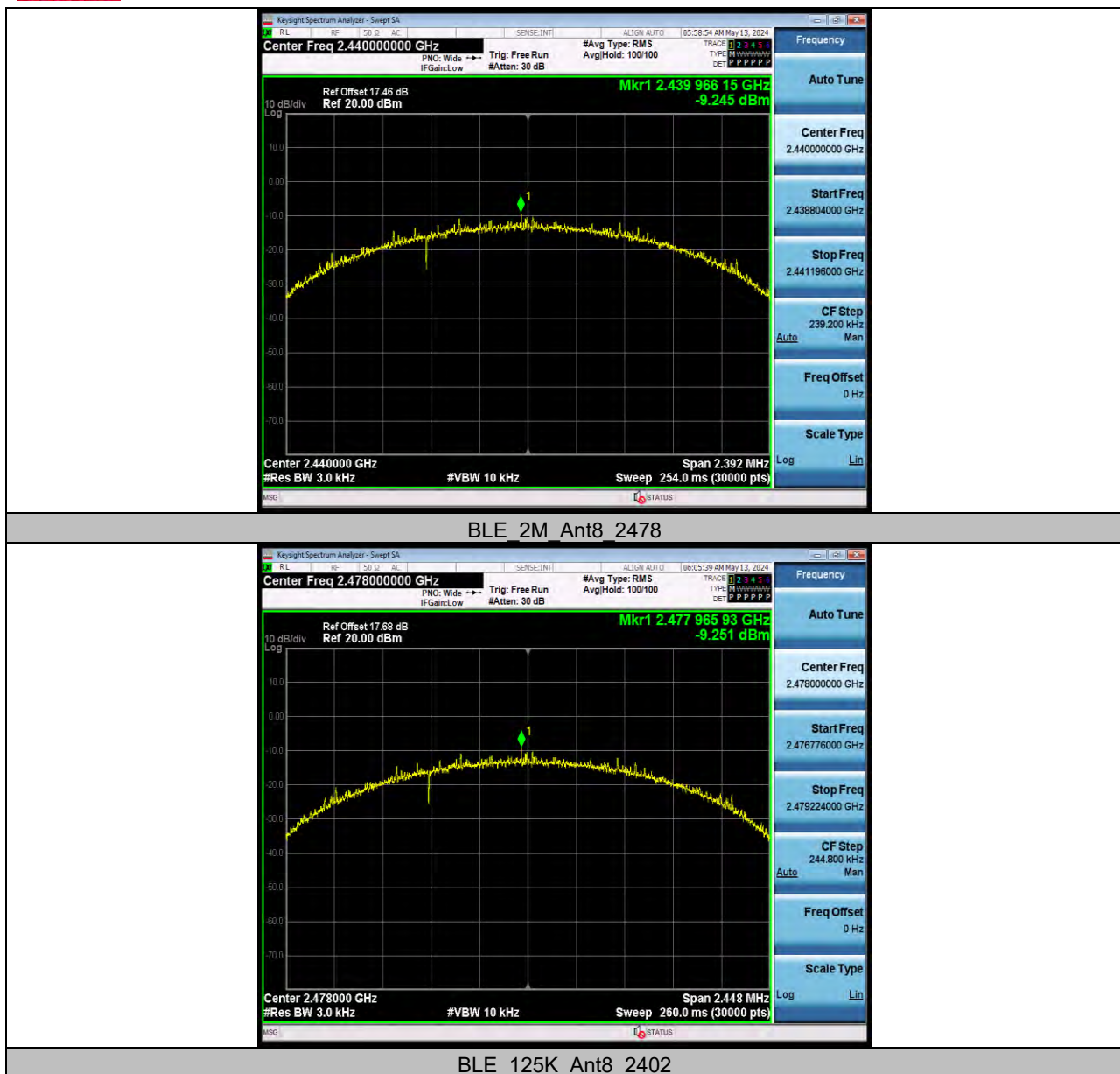
MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

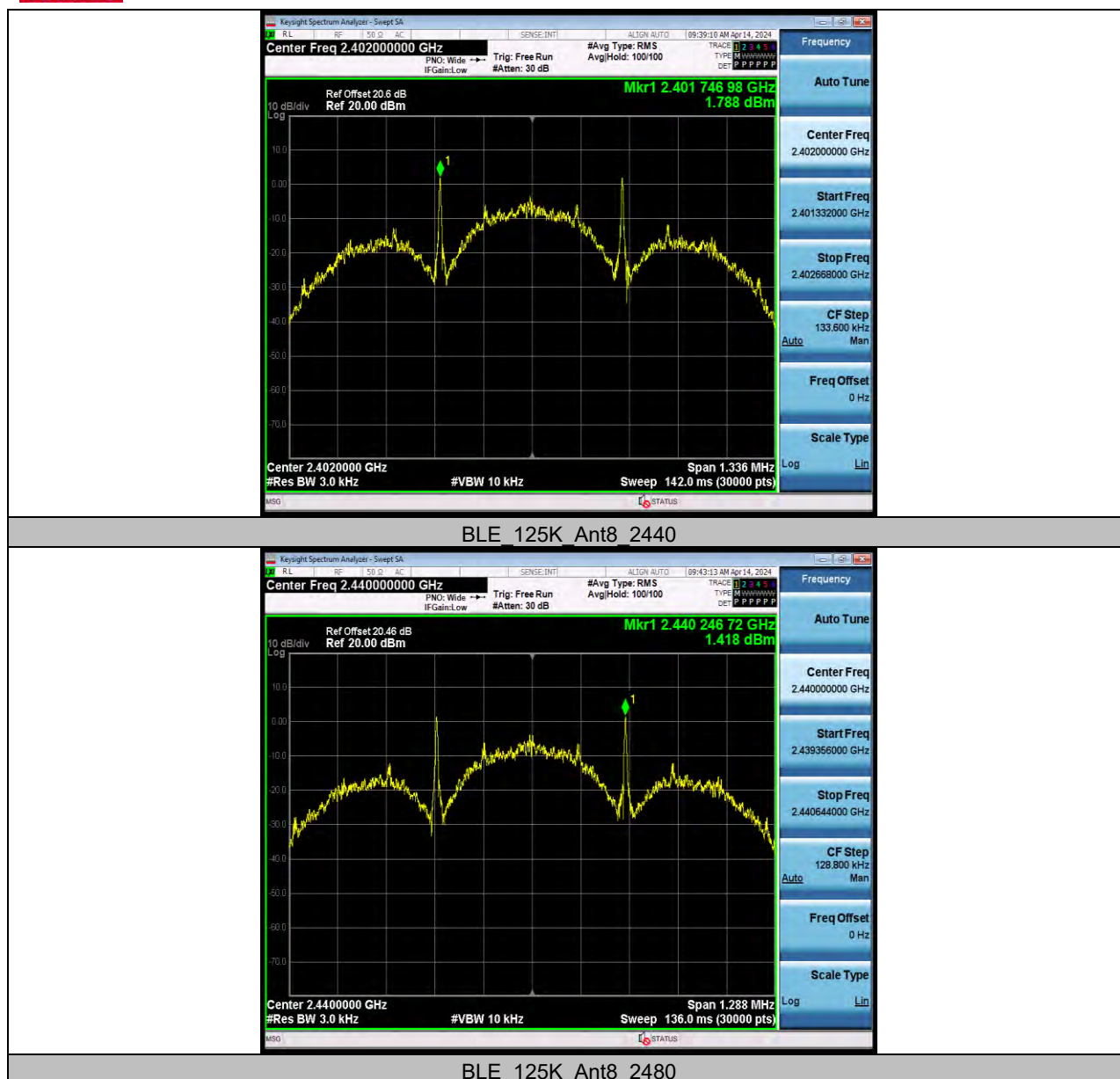
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant8	2402	-7.77	≤8.00	PASS
		2440	-8.04	≤8.00	PASS
		2480	-7.99	≤8.00	PASS
BLE_2M	Ant8	2404	-9.26	≤8.00	PASS
		2440	-9.25	≤8.00	PASS
		2478	-9.25	≤8.00	PASS
BLE_125K	Ant8	2402	1.79	≤8.00	PASS
		2440	1.42	≤8.00	PASS
		2480	1.65	≤8.00	PASS
BLE_500K	Ant8	2402	1.56	≤8.00	PASS
		2440	1.35	≤8.00	PASS
		2480	1.57	≤8.00	PASS

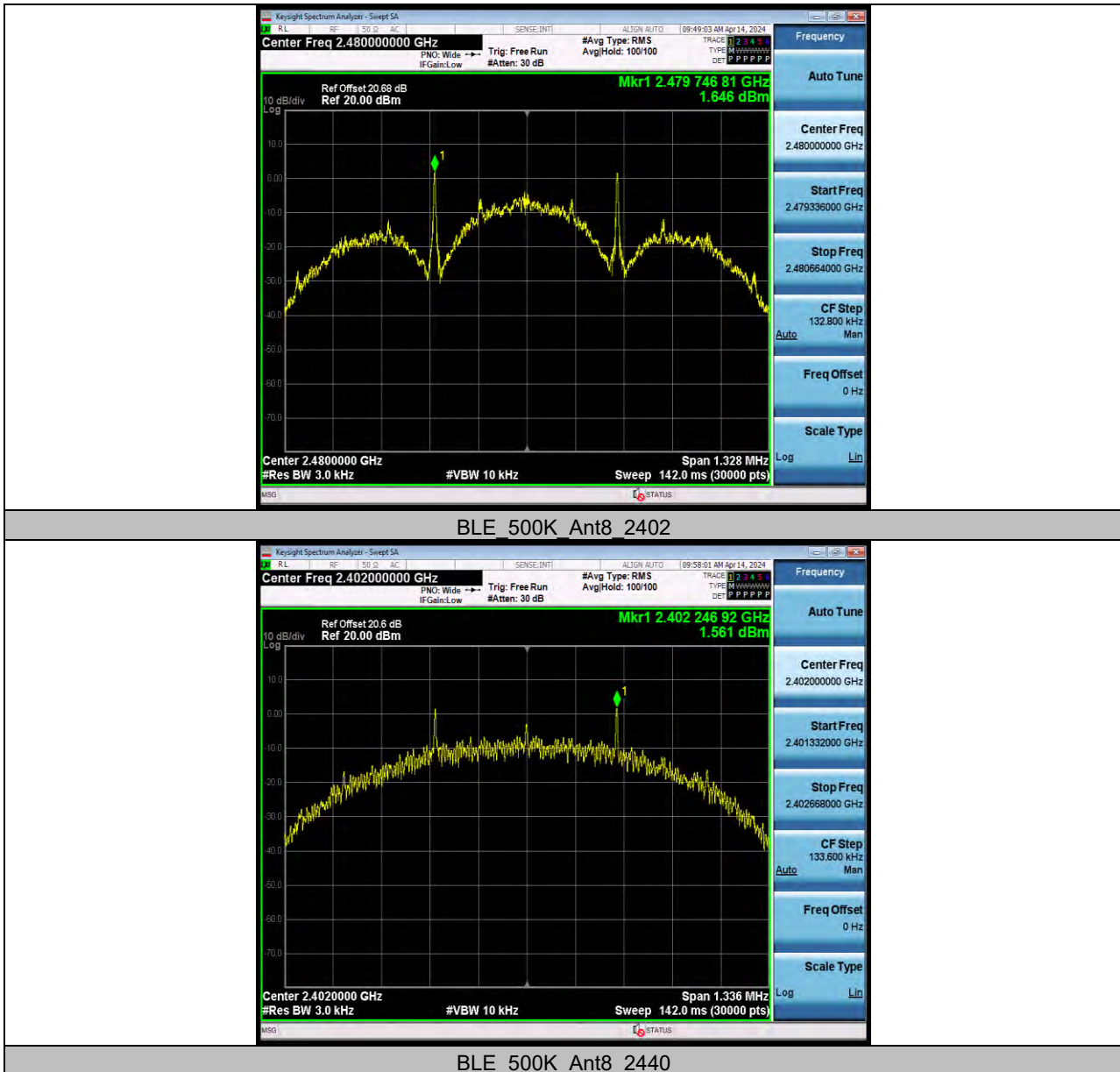
TEST GRAPHS

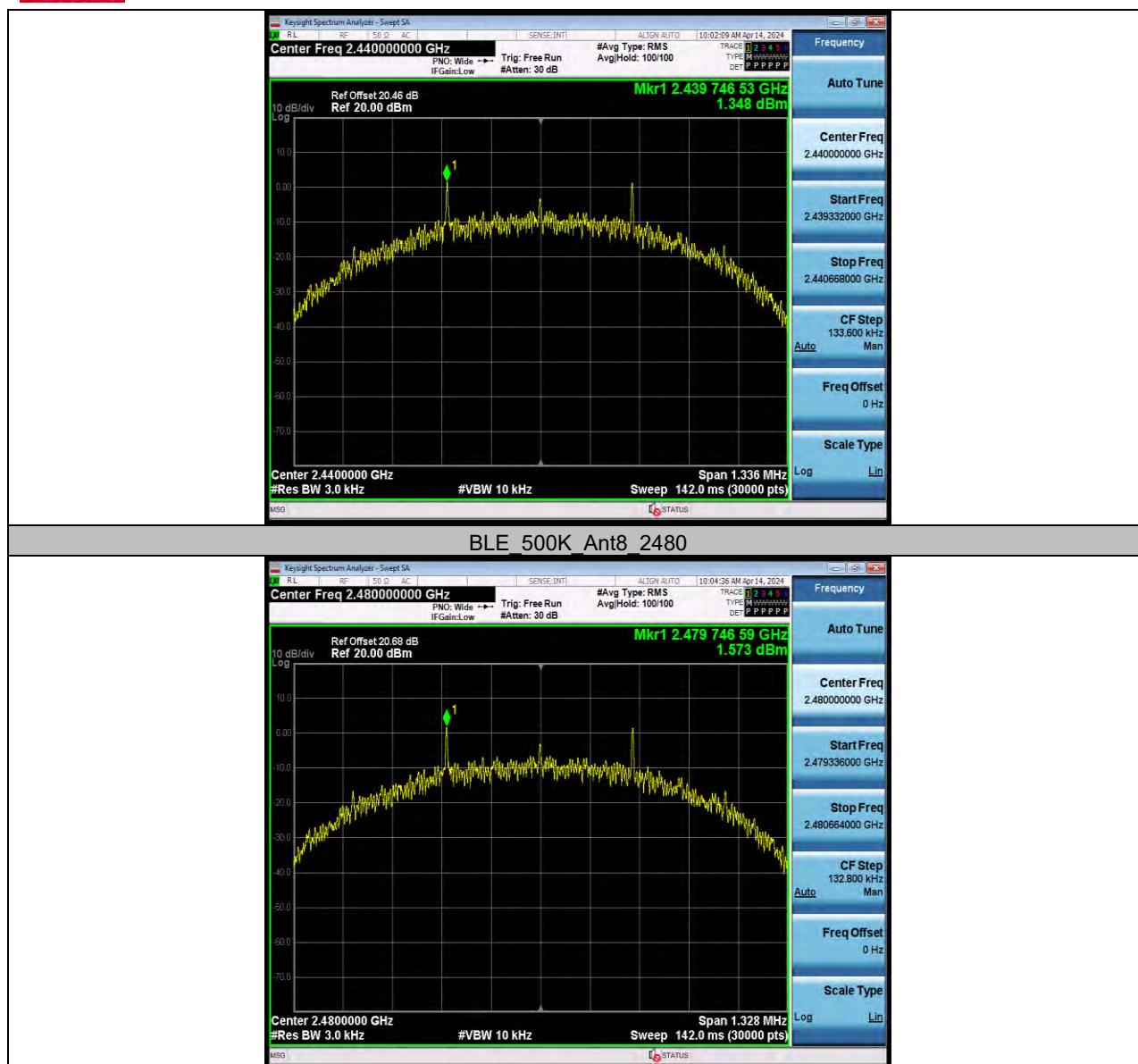








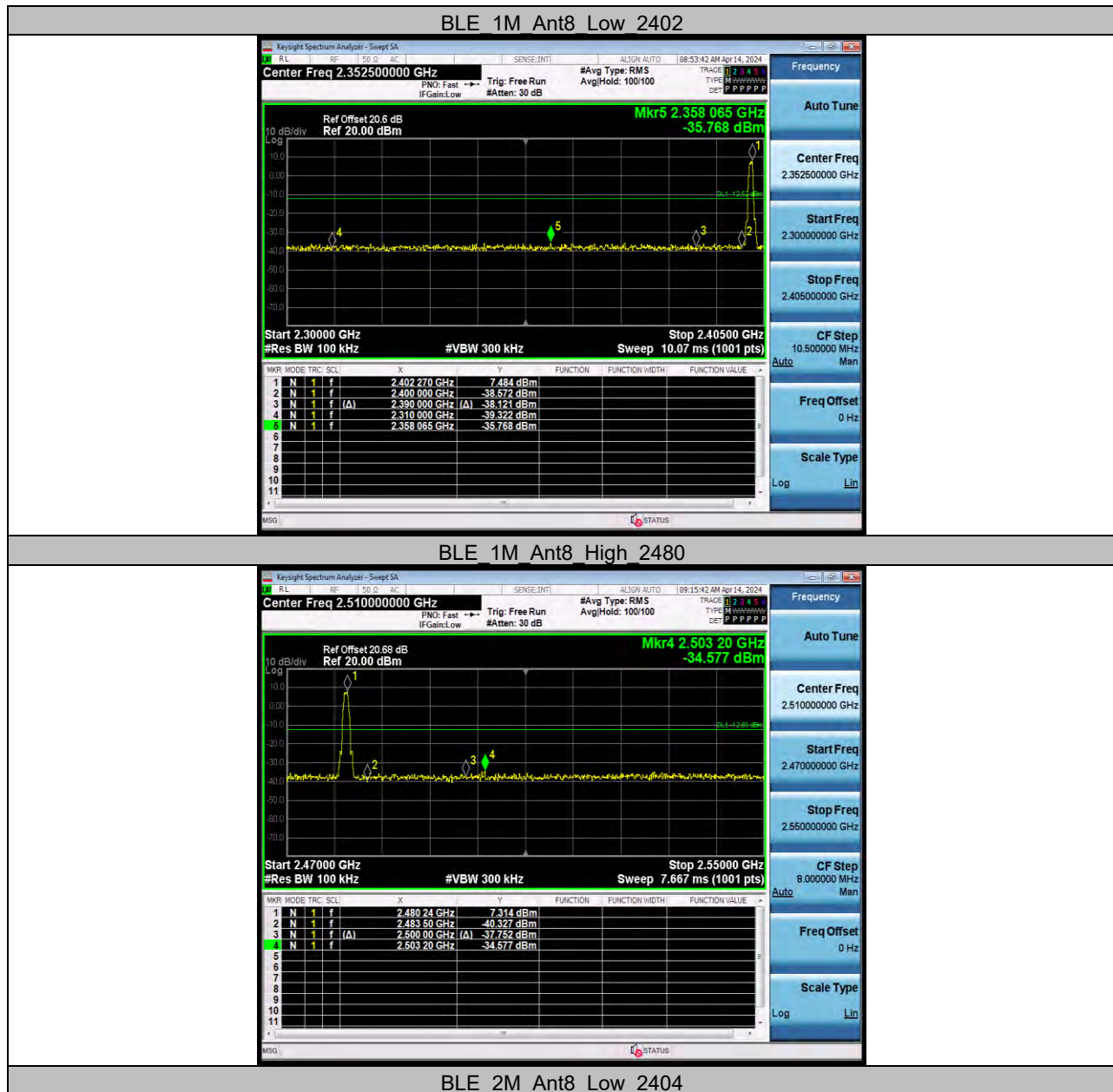


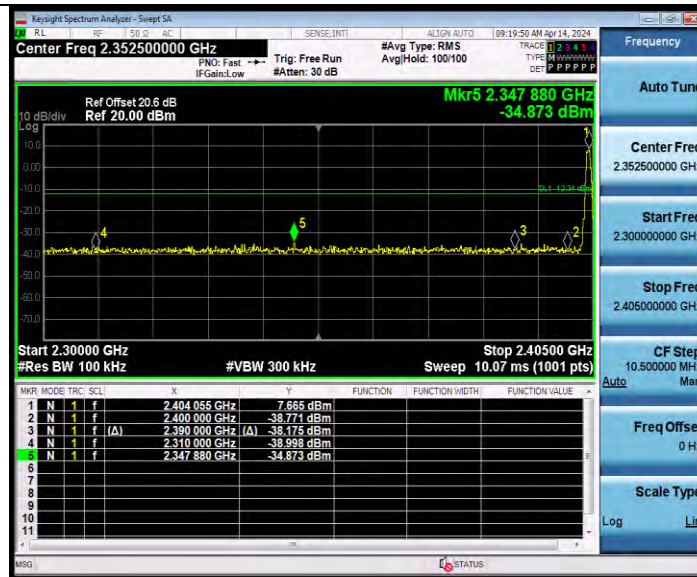


BAND EDGE MEASUREMENTS TEST RESULT

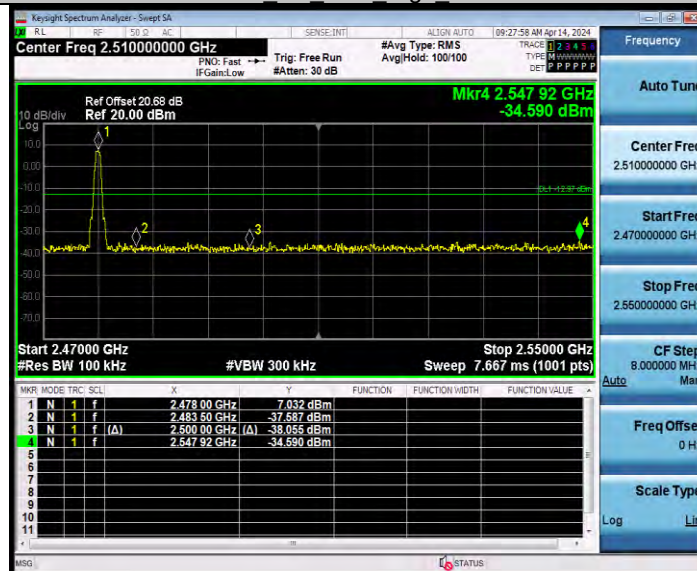
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant8	Low	2402	7.48	-35.77	≤-12.52	PASS
		High	2480	7.31	-34.58	≤-12.69	PASS
BLE_2M	Ant8	Low	2404	7.67	-34.87	≤-12.34	PASS
		High	2478	7.03	-34.59	≤-12.97	PASS
BLE_125K	Ant8	Low	2402	4.98	-34.97	≤-15.03	PASS
		High	2480	4.83	-35	≤-15.17	PASS
BLE_500K	Ant8	Low	2402	7.54	-35.01	≤-12.46	PASS
		High	2480	7.60	-34.59	≤-12.4	PASS

TEST GRAPHS

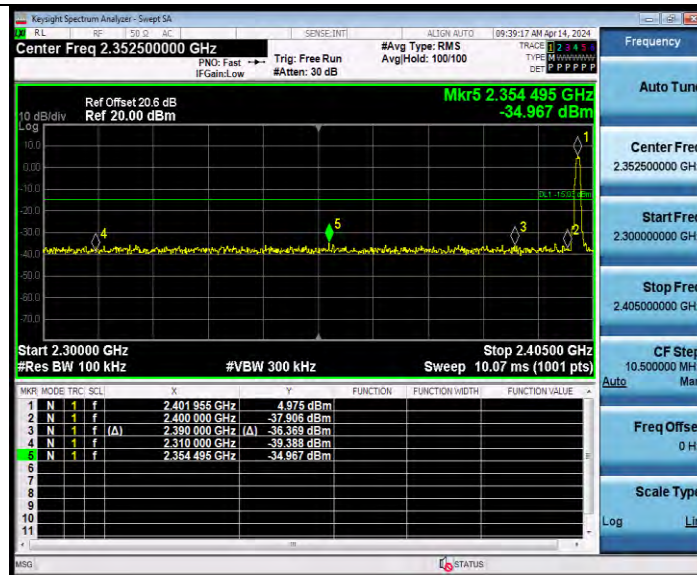




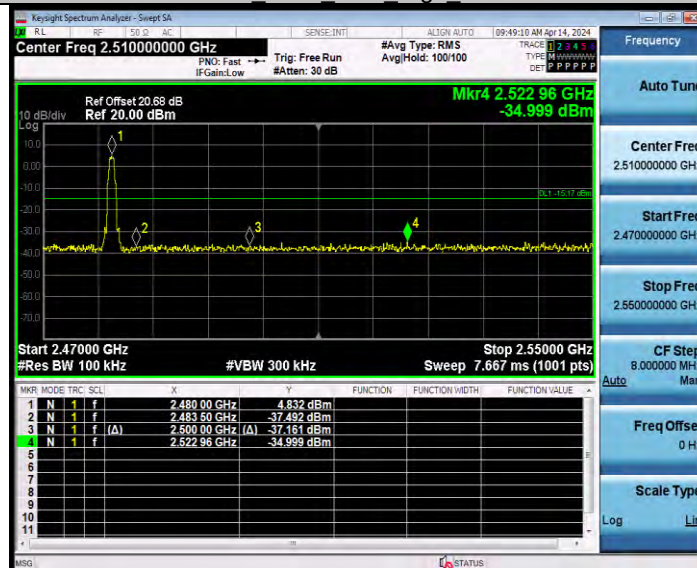
BLE 2M Ant8 High 2478



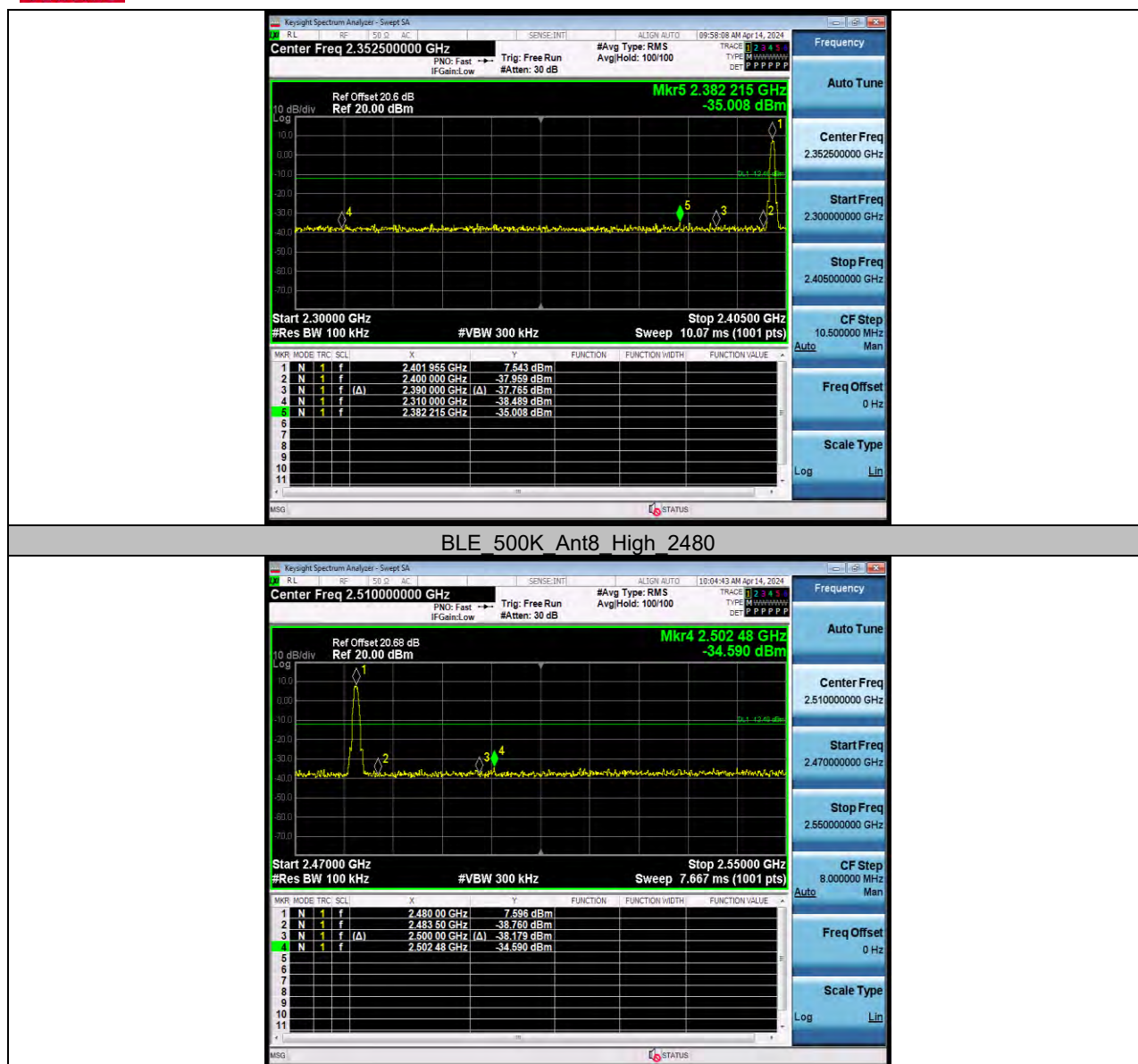
BLE 125K Ant8 Low 2402



BLE 125K Ant8 High 2480



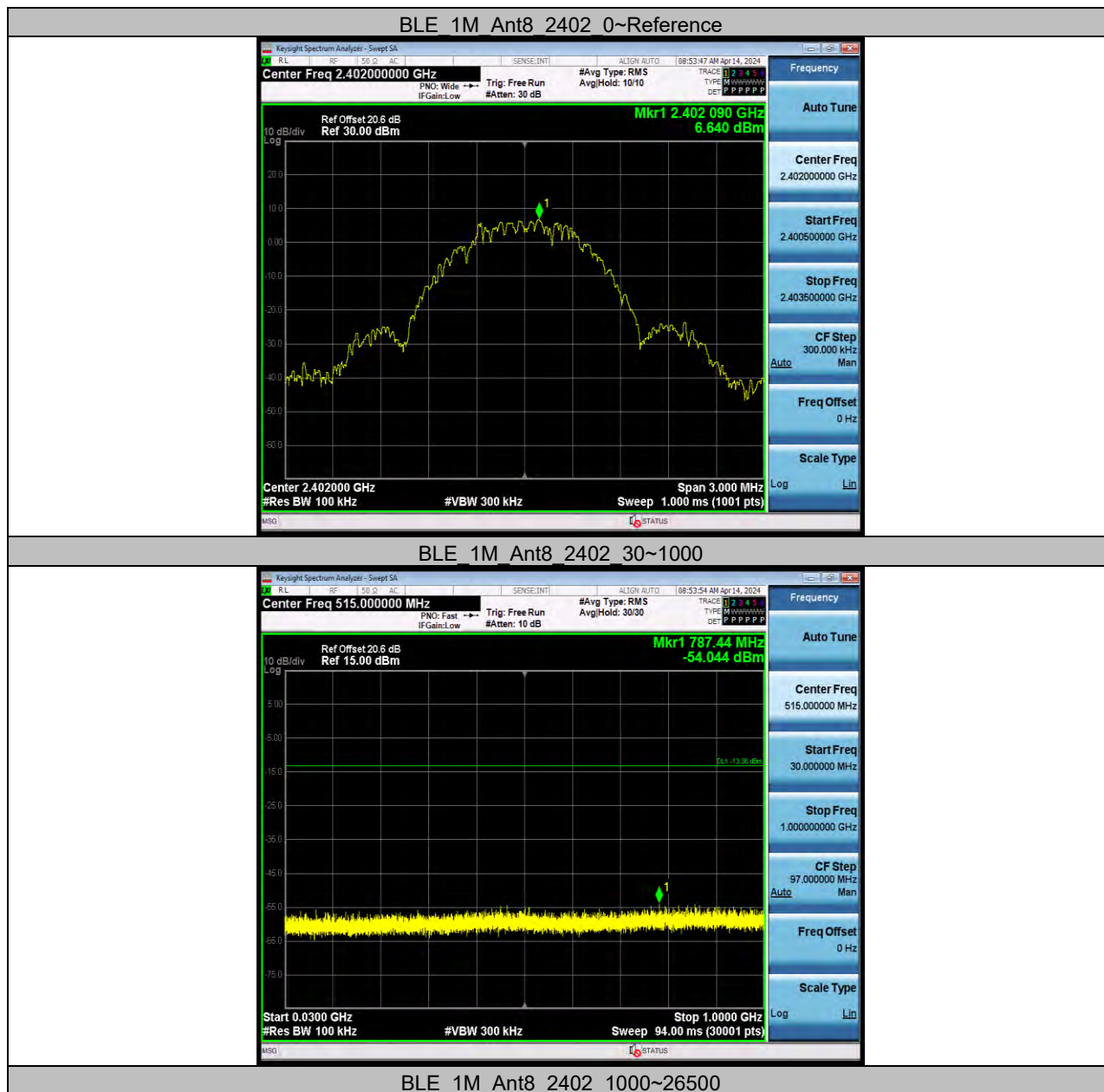
BLE 500K Ant8 Low 2402



CONDUCTED SPURIOUS EMISSION TEST RESULT

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant8	2402	Reference	6.64	6.64	---	PASS
			30~1000	6.64	-54.04	≤-13.36	PASS
			1000~26500	6.64	-34.63	≤-13.36	PASS
		2440	Reference	7.39	7.39	---	PASS
			30~1000	7.39	-54.49	≤-12.61	PASS
			1000~26500	7.39	-34.71	≤-12.61	PASS
		2480	Reference	6.39	6.39	---	PASS
			30~1000	6.39	-53.67	≤-13.61	PASS
			1000~26500	6.39	-34.12	≤-13.61	PASS
BLE_2M	Ant8	2404	Reference	6.10	6.10	---	PASS
			30~1000	6.10	-57.13	≤-13.9	PASS
			1000~26500	6.10	-37.78	≤-13.9	PASS
		2440	Reference	5.66	5.66	---	PASS
			30~1000	5.66	-57.23	≤-14.34	PASS
			1000~26500	5.66	-38.03	≤-14.34	PASS
		2478	Reference	8.03	8.03	---	PASS
			30~1000	8.03	-57.29	≤-11.97	PASS
			1000~26500	8.03	-37.85	≤-11.97	PASS
BLE_125K	Ant8	2402	Reference	4.68	4.68	---	PASS
			30~1000	4.68	-53.62	≤-15.32	PASS
			1000~26500	4.68	-35.3	≤-15.32	PASS
		2440	Reference	4.55	4.55	---	PASS
			30~1000	4.55	-53.75	≤-15.45	PASS
			1000~26500	4.55	-35.03	≤-15.45	PASS
		2480	Reference	4.79	4.79	---	PASS
			30~1000	4.79	-40.73	≤-15.21	PASS
			1000~26500	4.79	-34.37	≤-15.21	PASS
BLE_500K	Ant8	2402	Reference	6.75	6.75	---	PASS
			30~1000	6.75	-52.62	≤-13.25	PASS
			1000~26500	6.75	-34.28	≤-13.25	PASS
		2440	Reference	6.38	6.38	---	PASS
			30~1000	6.38	-54.19	≤-13.62	PASS
			1000~26500	6.38	-33.58	≤-13.62	PASS
		2480	Reference	6.33	6.33	---	PASS
			30~1000	6.33	-53.75	≤-13.67	PASS
			1000~26500	6.33	-34.55	≤-13.67	PASS

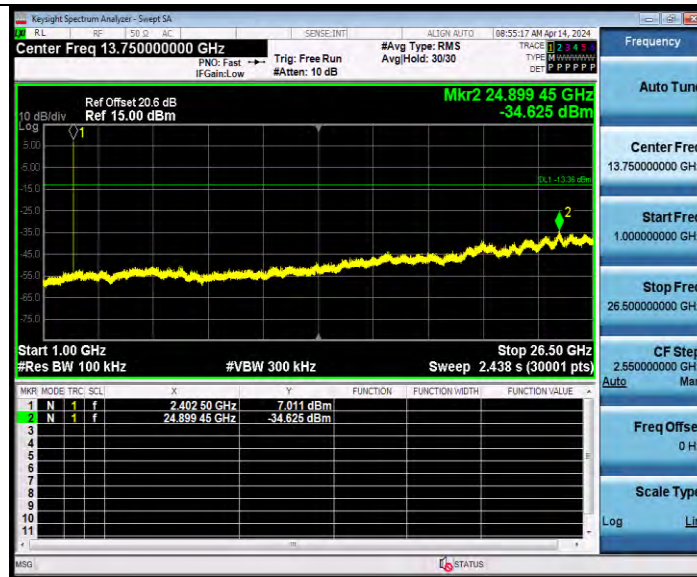
TEST GRAPHS





BUREAU
VERITAS

Reference No.: W7L-P24090003RF02



BLE 1M Ant8 2440 0~Reference



BLE 1M Ant8 2440 30~1000

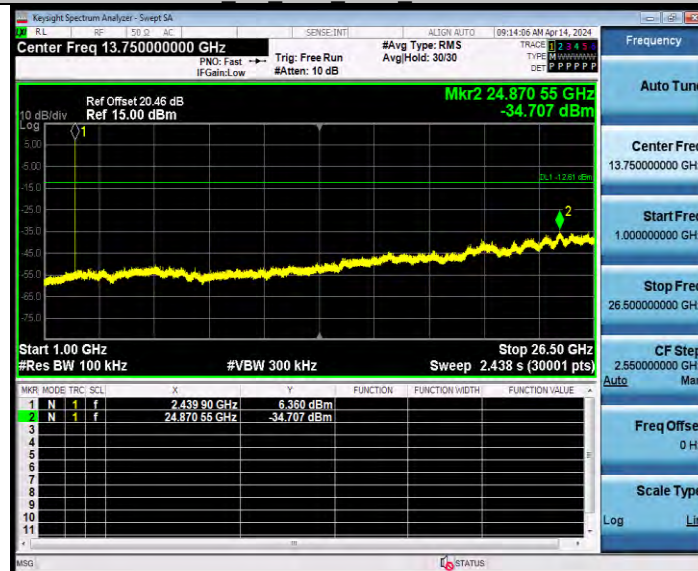


BUREAU
VERITAS

Reference No.: W7L-P24090003RF02



BLE 1M Ant8 2440 1000~26500



BLE 1M Ant8 2480 0~Reference

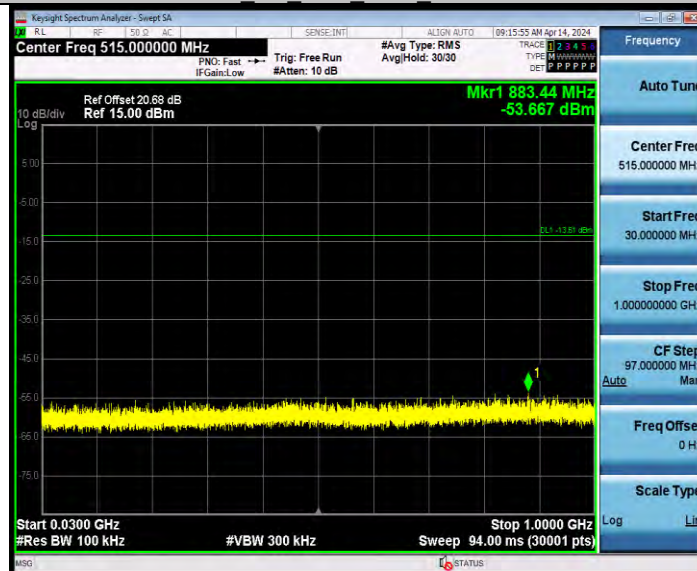


BUREAU
VERITAS

Reference No.: W7L-P24090003RF02



BLE 1M Ant8 2480 30~1000



BLE 1M Ant8 2480 1000~26500



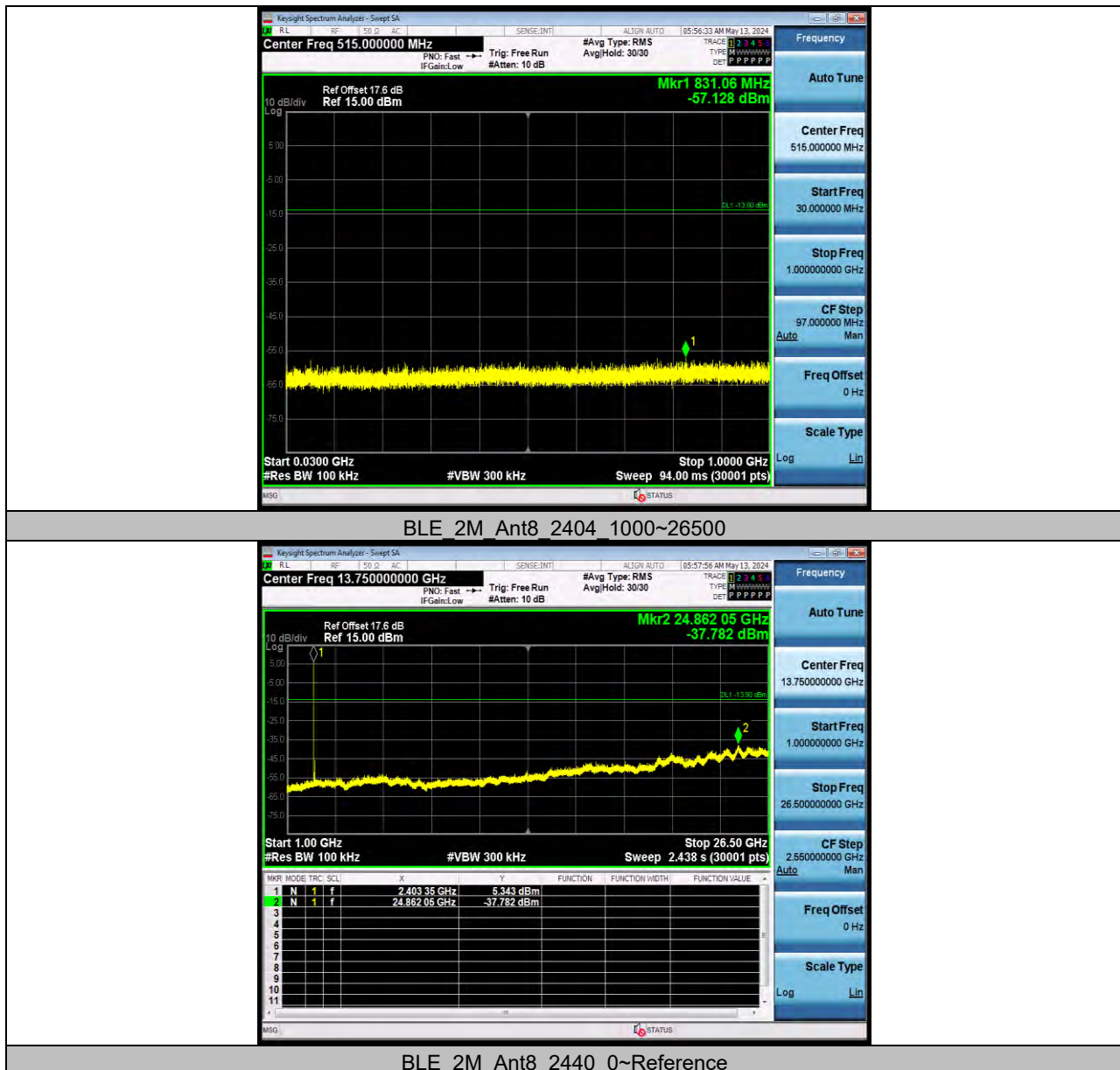
Reference No.: W7L-P24090003RF02

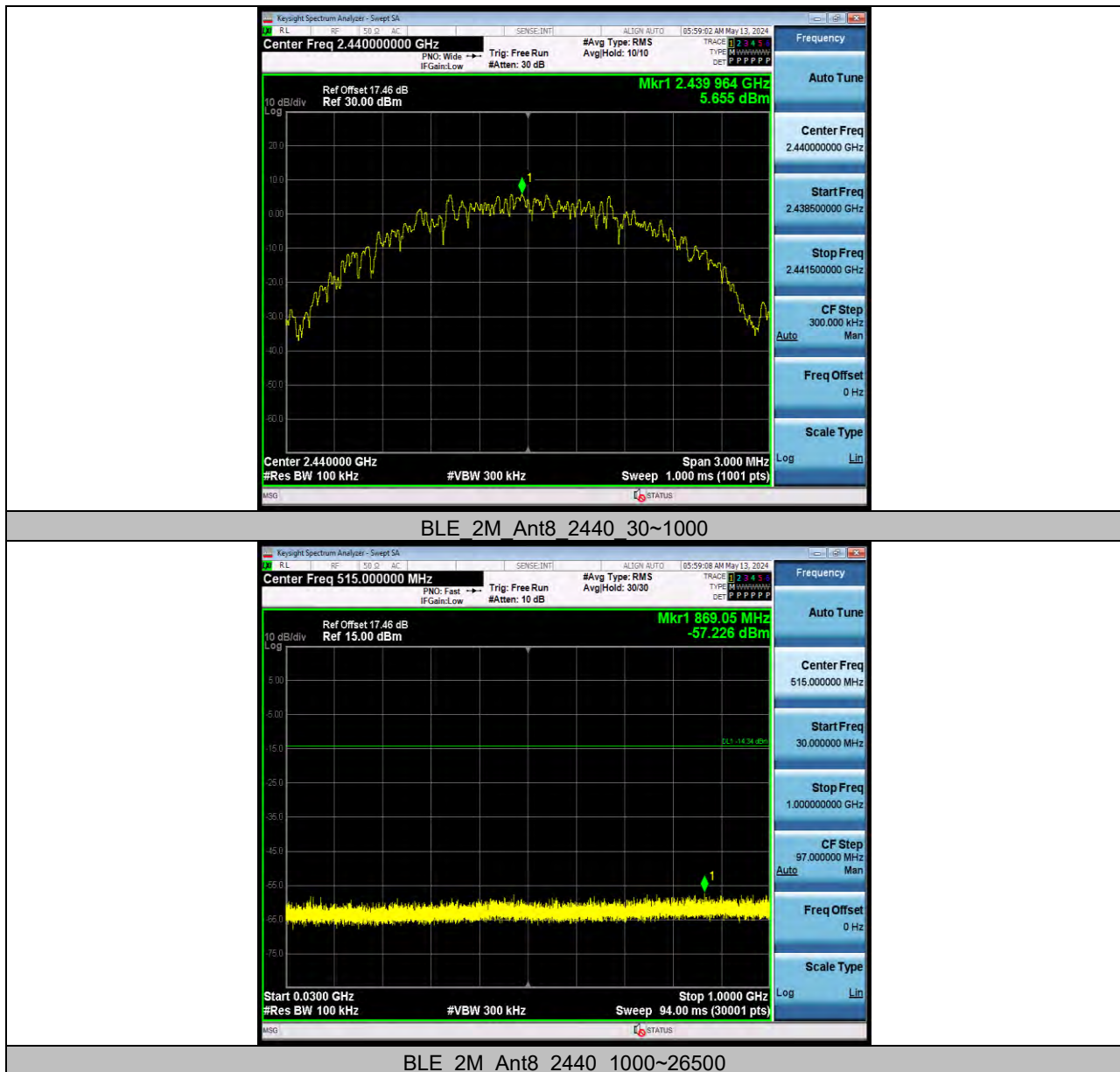


BLE 2M Ant8 2404 0~Reference



BLE 2M Ant8 2404 30~1000

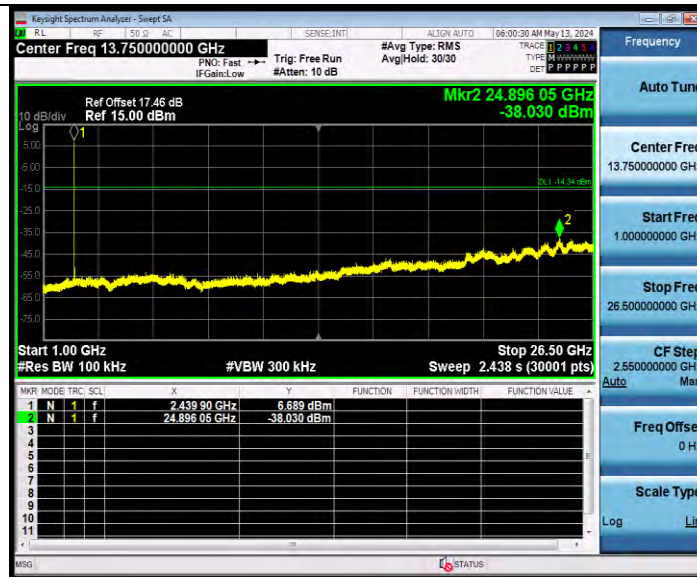






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VERITAS

Reference No.: W7L-P24090003RF02



BLE 2M Ant8 2478 0~Reference

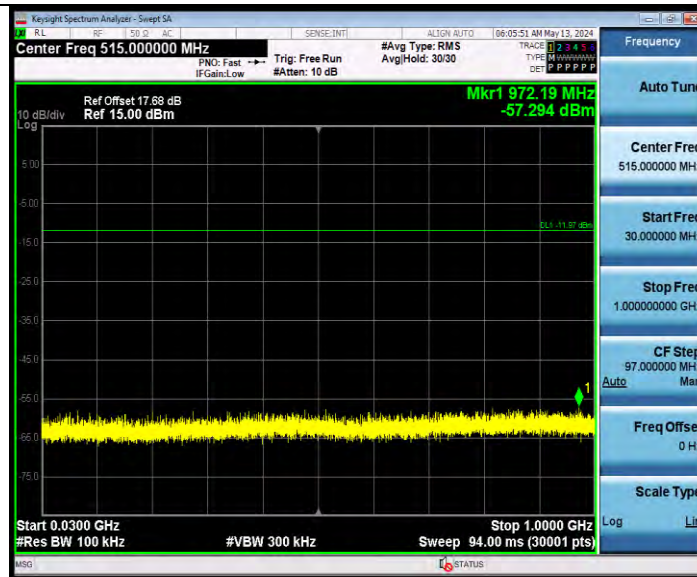


BLE 2M Ant8 2478 30~1000



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VERITAS

Reference No.: W7L-P24090003RF02



BLE 2M Ant8 2478 1000~26500



BLE 125K Ant8 2402 0~Reference

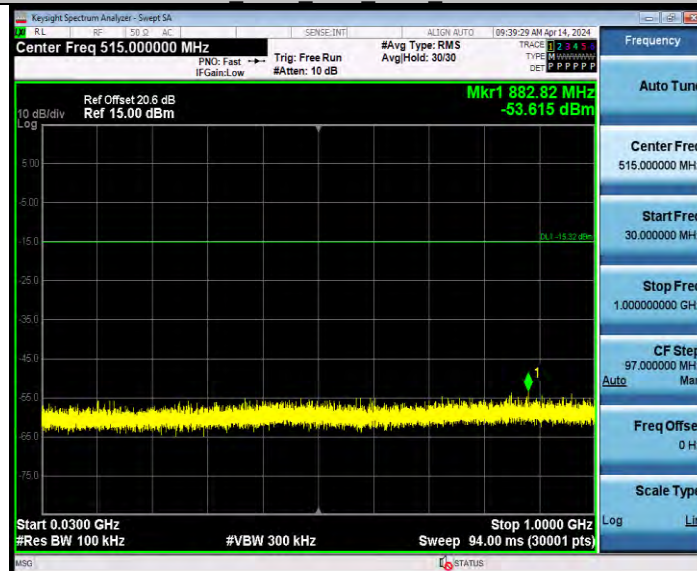


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VERITAS

Reference No.: W7L-P24090003RF02



BLE 125K Ant8 2402 30~1000



BLE 125K Ant8 2402 1000~26500

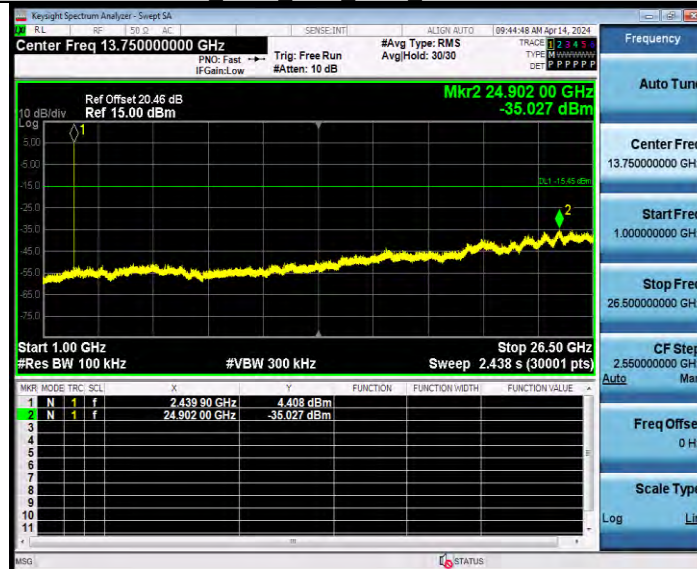


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VERITAS

Reference No.: W7L-P24090003RF02



BLE_125K_Ant8_2440_1000~26500



BLE_125K_Ant8_2480_0~Reference





BLE 500K Ant8 2402 0~Reference

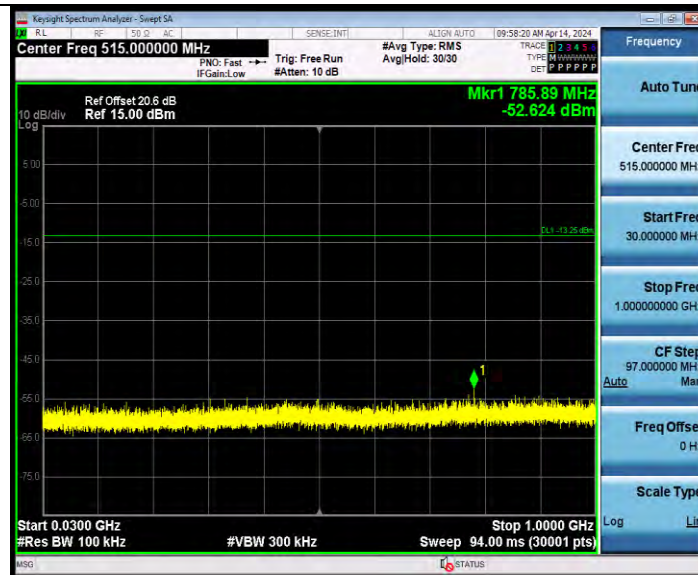


BLE 500K Ant8 2402 30~1000

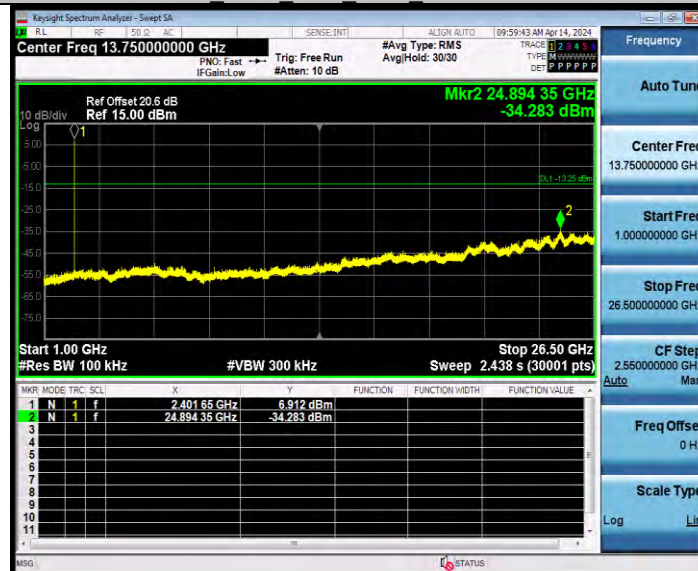


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VERITAS

Reference No.: W7L-P24090003RF02



BLE_500K_Ant8_2402_1000~26500



BLE_500K_Ant8_2440_0~Reference

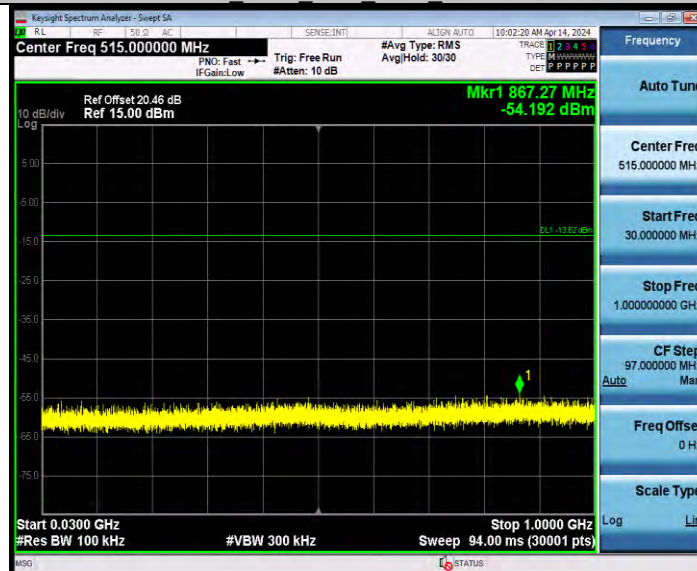


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VERITAS

Reference No.: W7L-P24090003RF02



BLE_500K_Ant8_2440_30~1000



BLE_500K_Ant8_2440_1000~26500



BUREAU
VERITAS

Reference No.: W7L-P24090003RF02



BLE 500K Ant8 2480 0~Reference

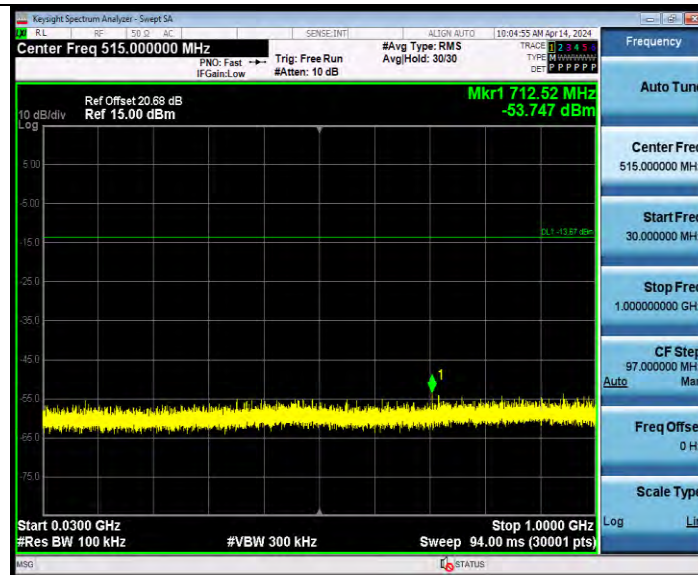


BLE 500K Ant8 2480 30~1000



BUREAU
VERITAS

Reference No.: W7L-P24090003RF02



BLE 500K Ant8 2480 1000~26500

