



BLE 500K Ant6 2480



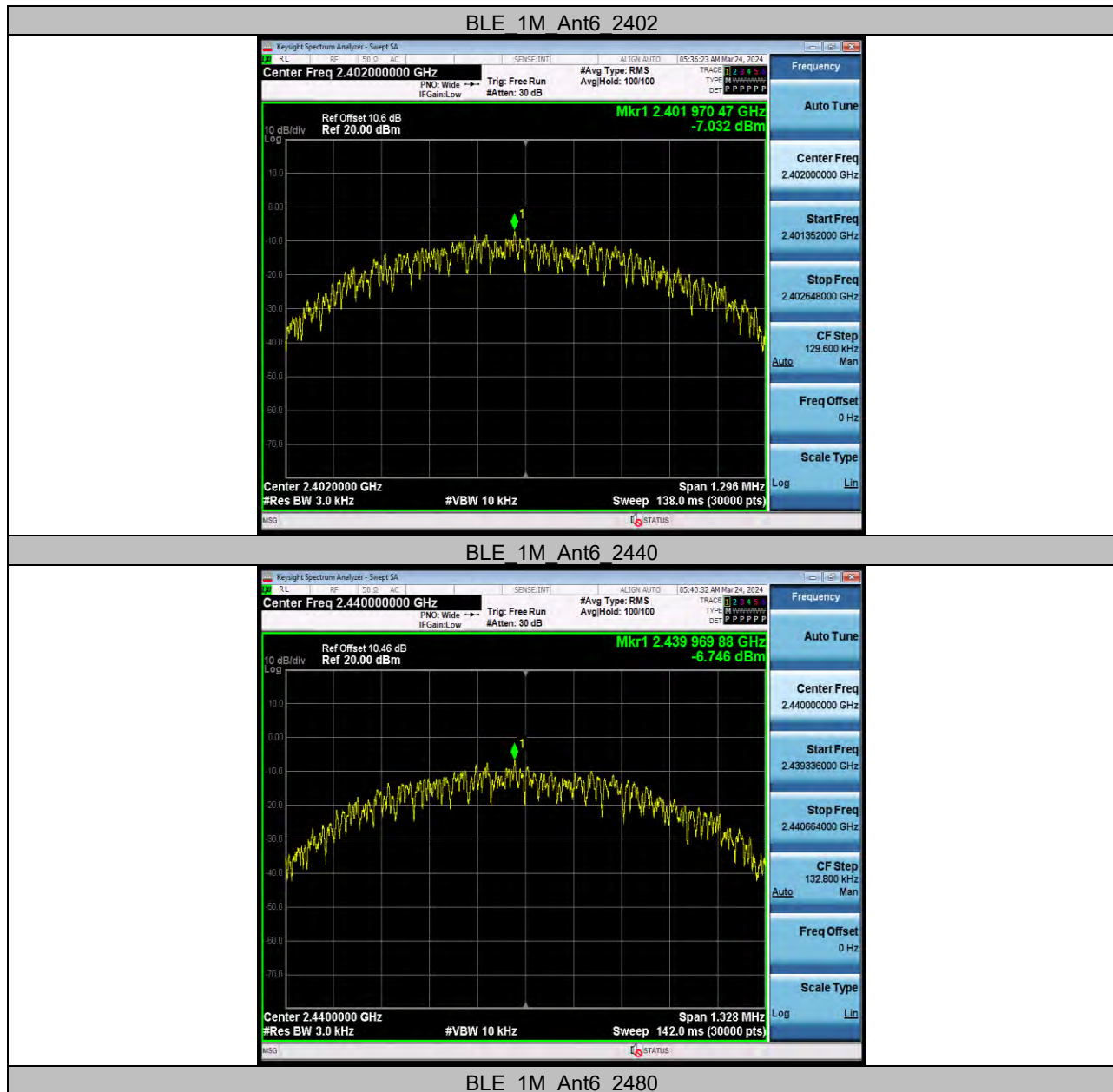
MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

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	Ant6	2402	7.93	8.12	6.49	≤30	9.36	8.63	≤36	PASS	Default
		2440	8.68	9.08	8.09	≤30	10.32	10.76	≤36	PASS	Default
		2480	8.02	8.23	6.65	≤30	9.47	8.85	≤36	PASS	Default
BLE_2M	Ant6	2404	7.53	8.4	6.92	≤30	9.64	9.20	≤36	PASS	Default
		2440	8.75	9.31	8.53	≤30	10.55	11.35	≤36	PASS	Default
		2478	7.61	8.43	6.97	≤30	9.67	9.27	≤36	PASS	Default
BLE_125k	Ant6	2402	6.65	8.13	6.50	≤30	9.37	8.65	≤36	PASS	Default
		2440	8.62	8.83	7.64	≤30	10.07	10.16	≤36	PASS	Default
		2480	7.96	8.25	6.68	≤30	9.49	8.89	≤36	PASS	Default
BLE_500K	Ant6	2402	7.97	8.14	6.52	≤30	9.38	8.67	≤36	PASS	Default
		2440	8.57	8.89	7.74	≤30	10.13	10.30	≤36	PASS	Default
		2480	8.39	8.25	6.68	≤30	9.49	8.89	≤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	Ant6	2402	-7.03	≤8.00	PASS
		2440	-6.75	≤8.00	PASS
		2480	-7.00	≤8.00	PASS
BLE_2M	Ant6	2404	-10.02	≤8.00	PASS
		2440	-9.67	≤8.00	PASS
		2478	-9.64	≤8.00	PASS
BLE_125K	Ant6	2402	1.34	≤8.00	PASS
		2440	1.53	≤8.00	PASS
		2480	1.52	≤8.00	PASS
BLE_500K	Ant6	2402	1.23	≤8.00	PASS
		2440	1.41	≤8.00	PASS
		2480	1.43	≤8.00	PASS

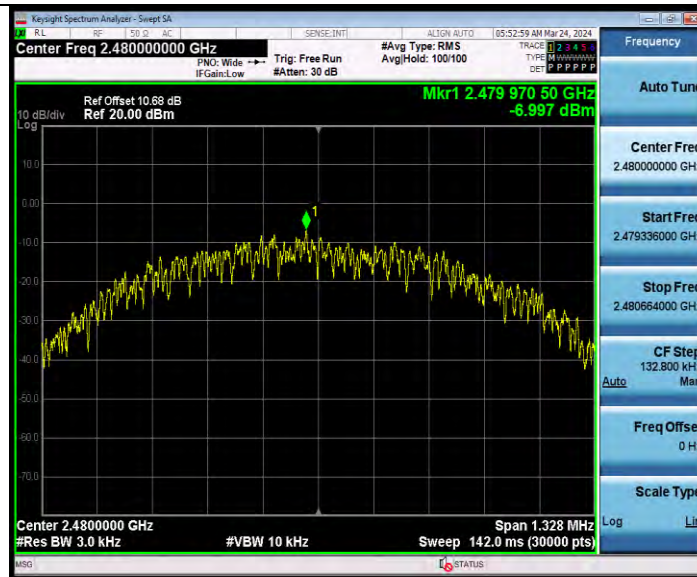
TEST GRAPHS



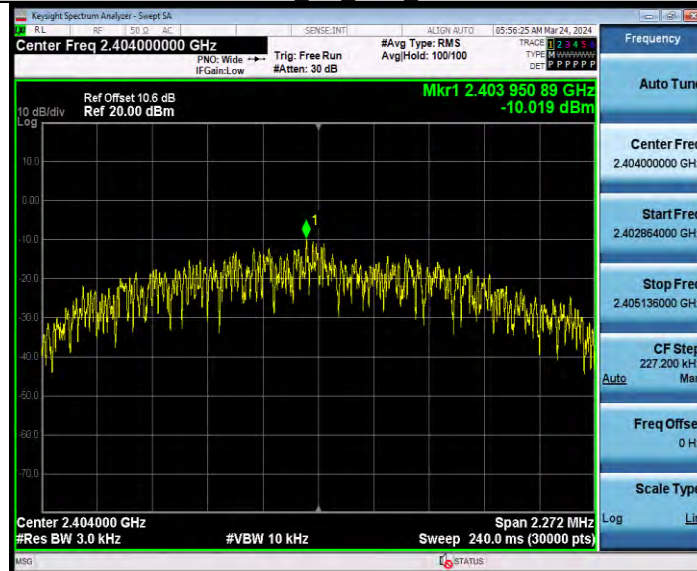


BUREAU
VERITAS

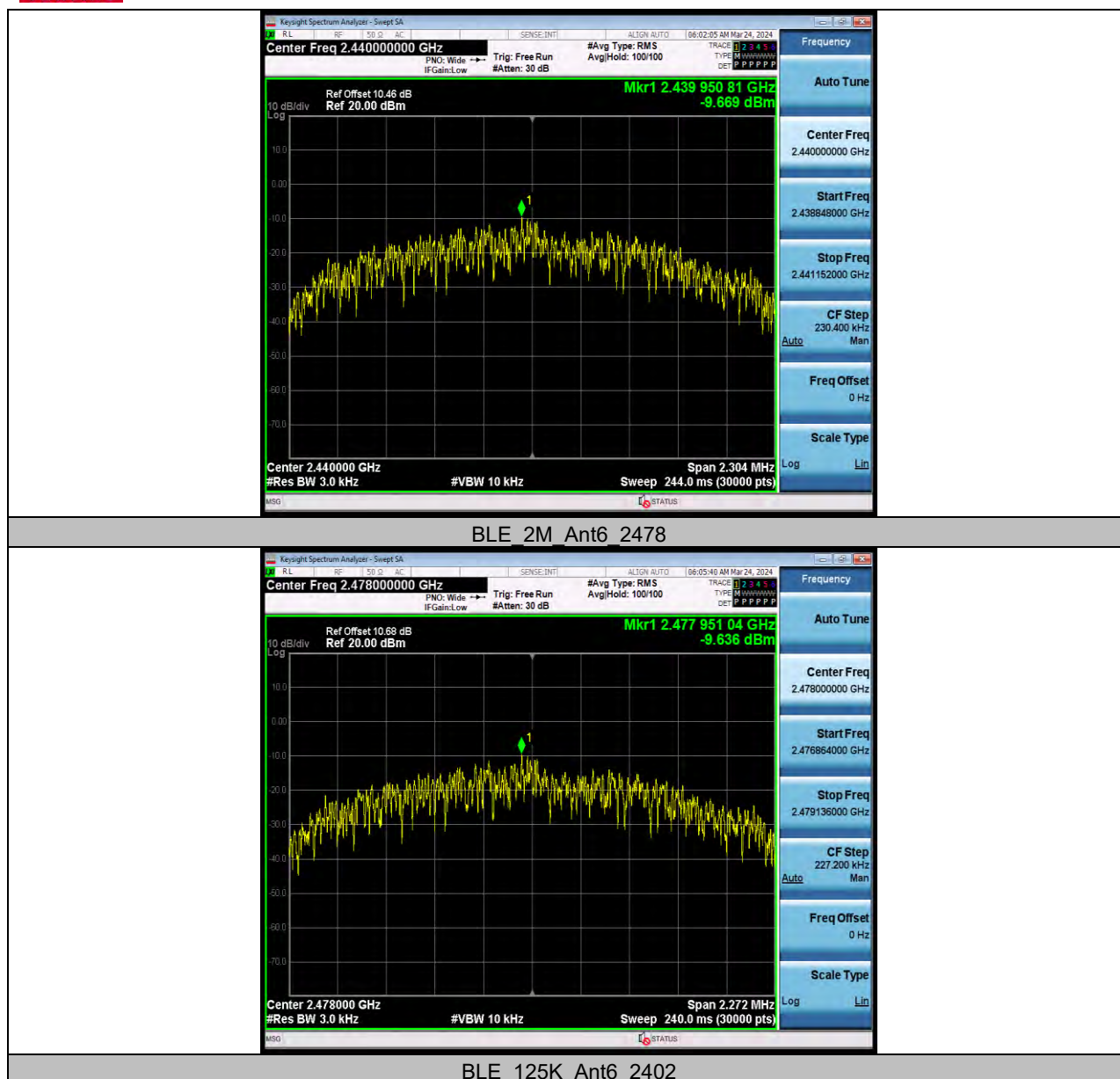
Reference No.: W7L-231218W001RF02



BLE 2M Ant6 2404



BLE 2M Ant6 2440





BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 125K Ant6 2440



BLE 125K Ant6 2480

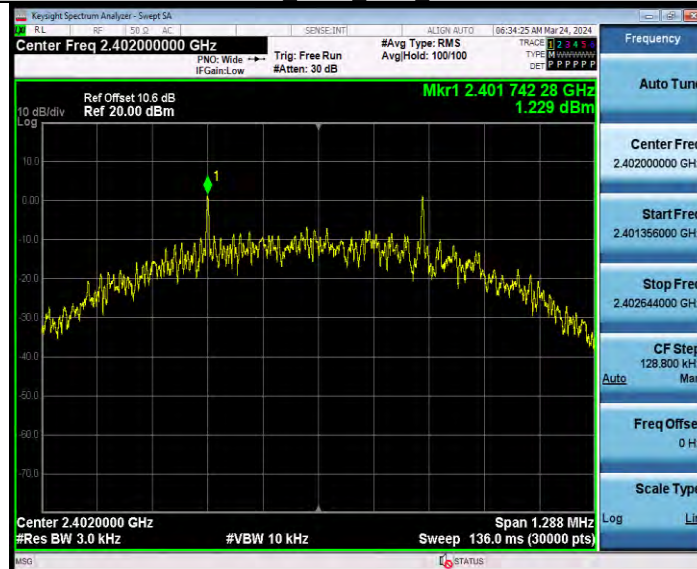


BUREAU
VERITAS

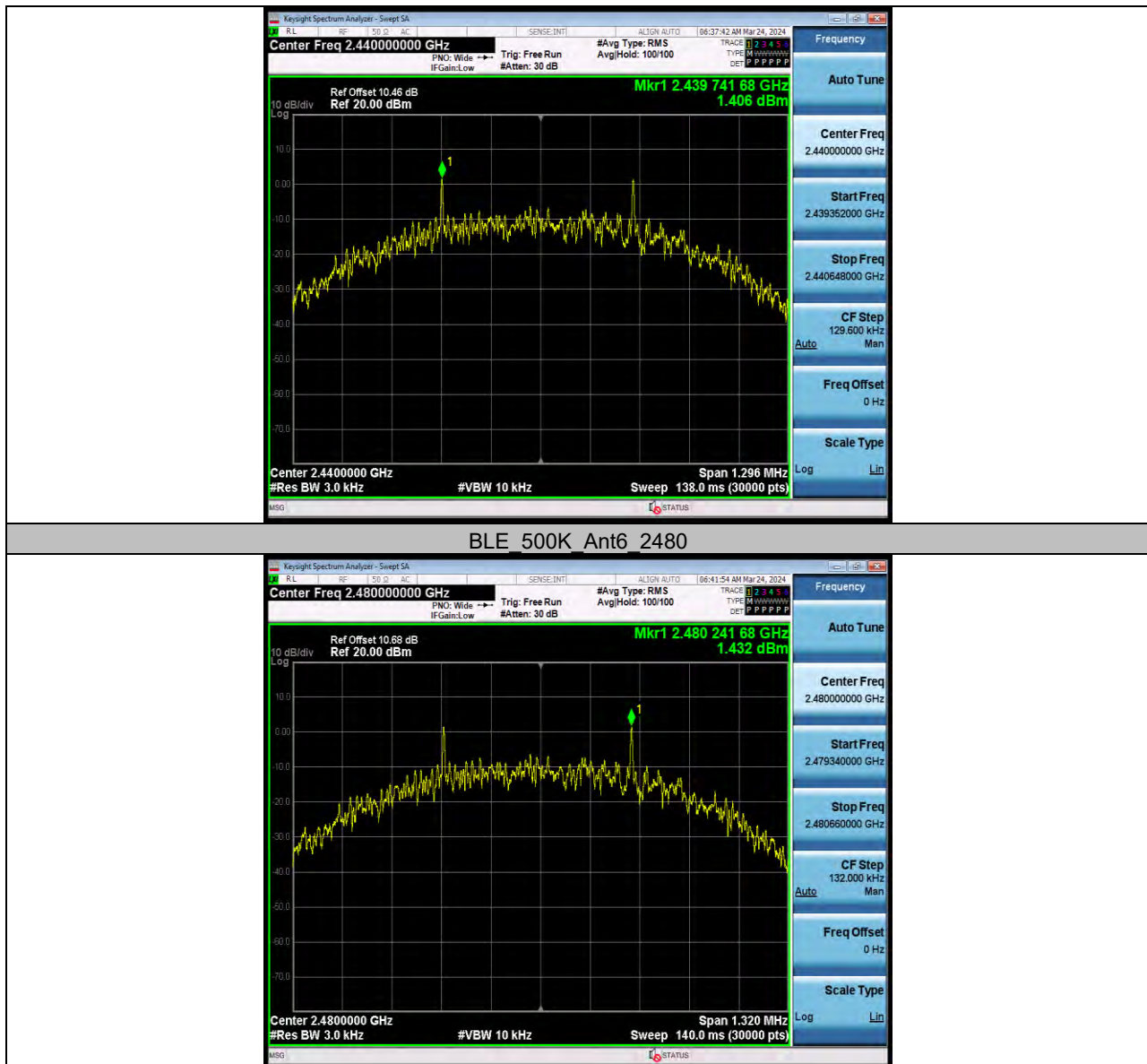
Reference No.: W7L-231218W001RF02



BLE 500K_Ant6_2402



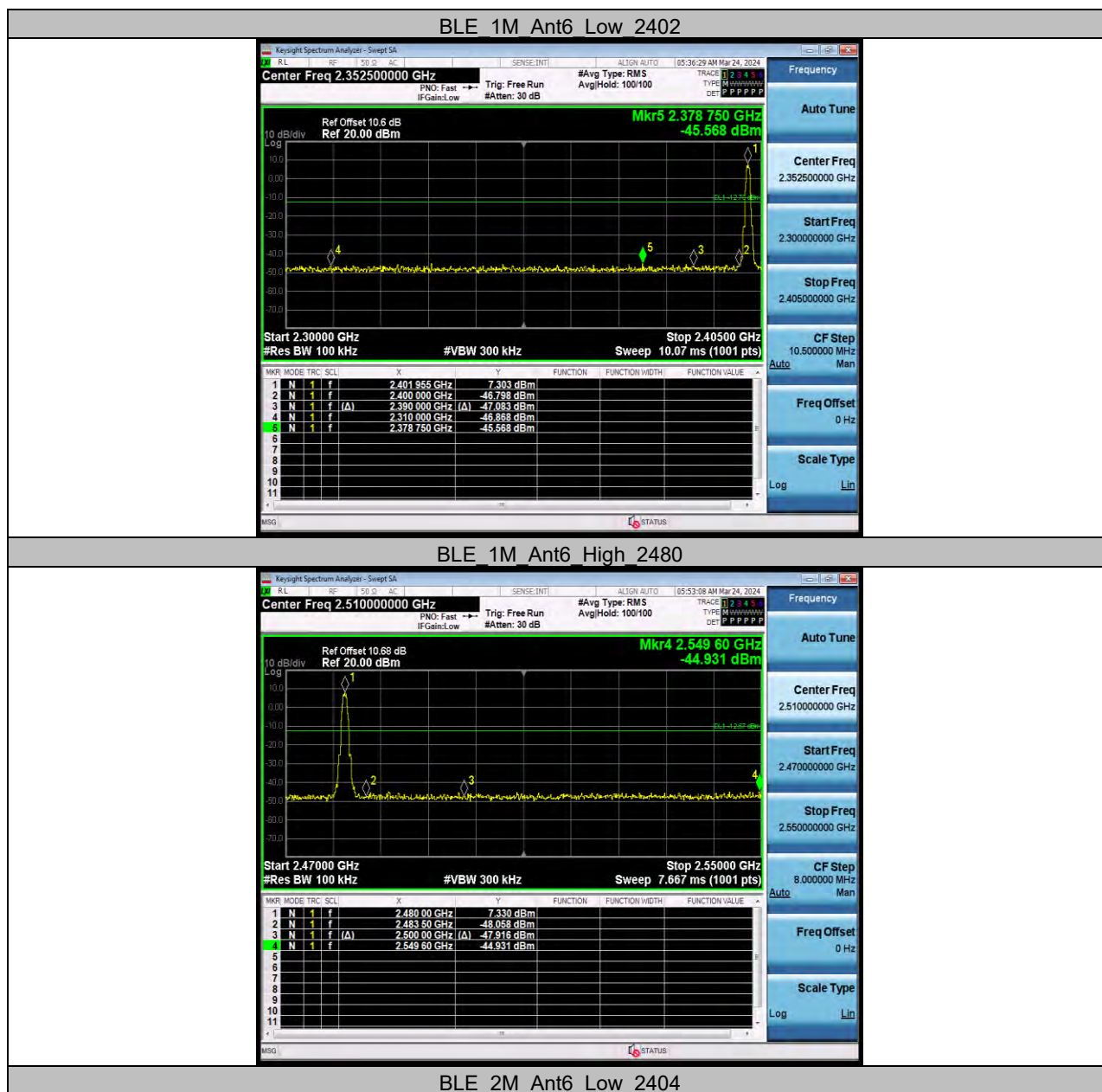
BLE 500K_Ant6_2440

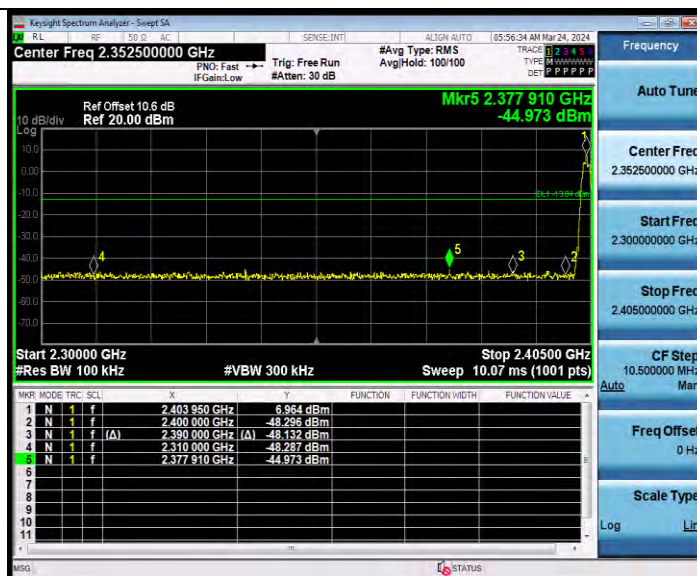


BAND EDGE MEASUREMENTS TEST RESULT

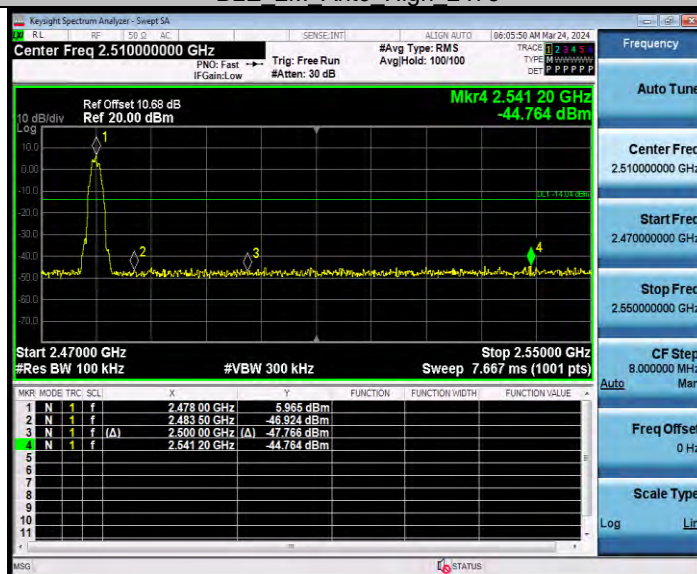
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant6	Low	2402	7.30	-45.57	≤-12.7	PASS
		High	2480	7.33	-44.93	≤-12.67	PASS
BLE_2M	Ant6	Low	2404	6.96	-44.97	≤-13.04	PASS
		High	2478	5.97	-44.76	≤-14.04	PASS
BLE_125K	Ant6	Low	2402	4.66	-44.9	≤-15.34	PASS
		High	2480	4.17	-45	≤-15.83	PASS
BLE_500K	Ant6	Low	2402	7.01	-45.42	≤-12.99	PASS
		High	2480	7.52	-44.09	≤-12.48	PASS

TEST GRAPHS

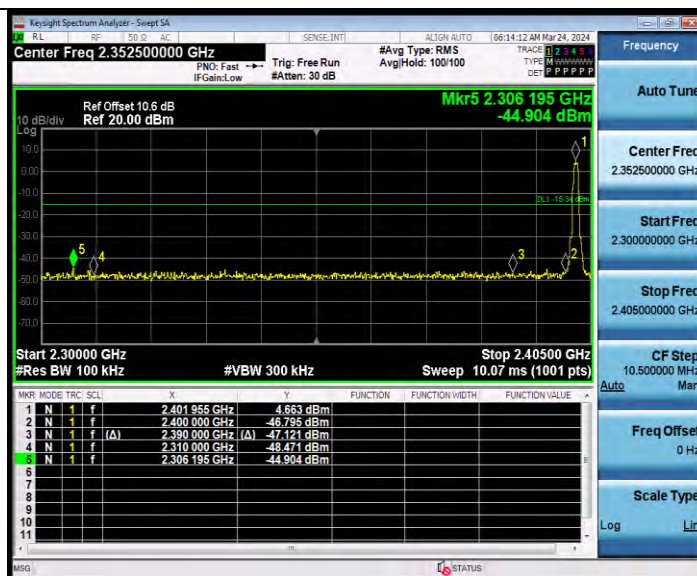




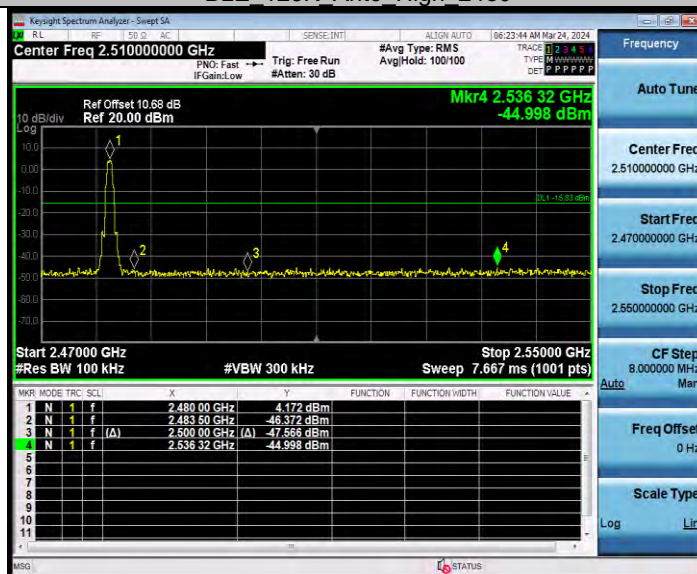
BLE 2M Ant6 High 2478



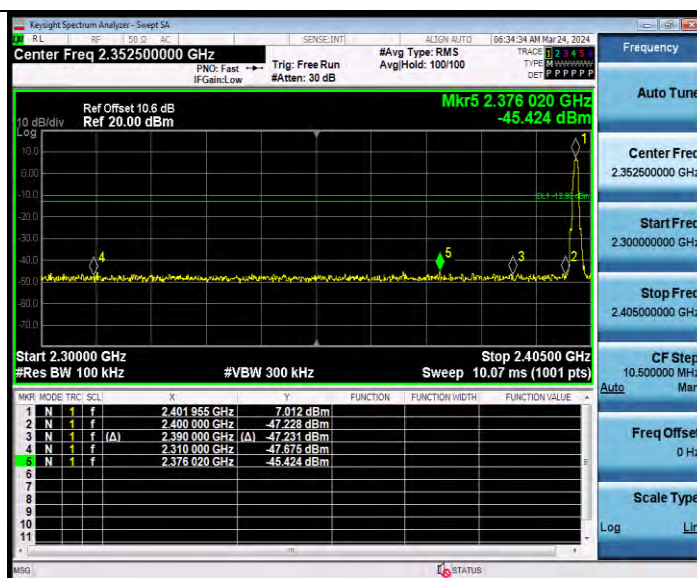
BLE 125K Ant6 Low 2402



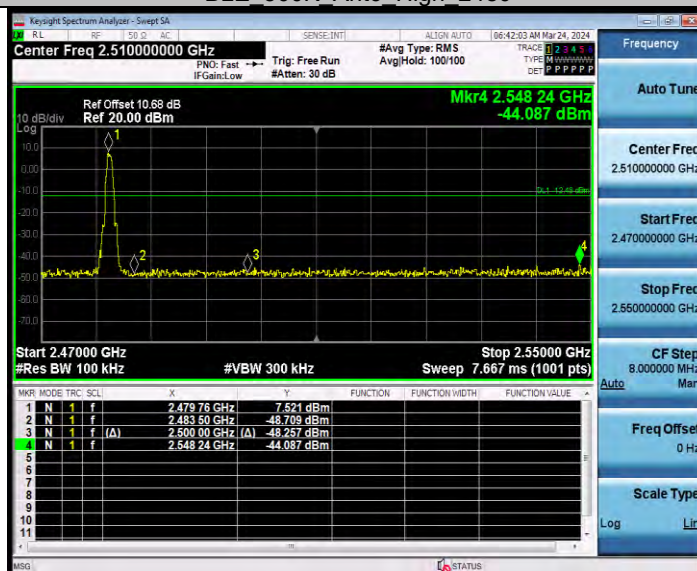
BLE 125K Ant6 High 2480



BLE 500K Ant6 Low 2402



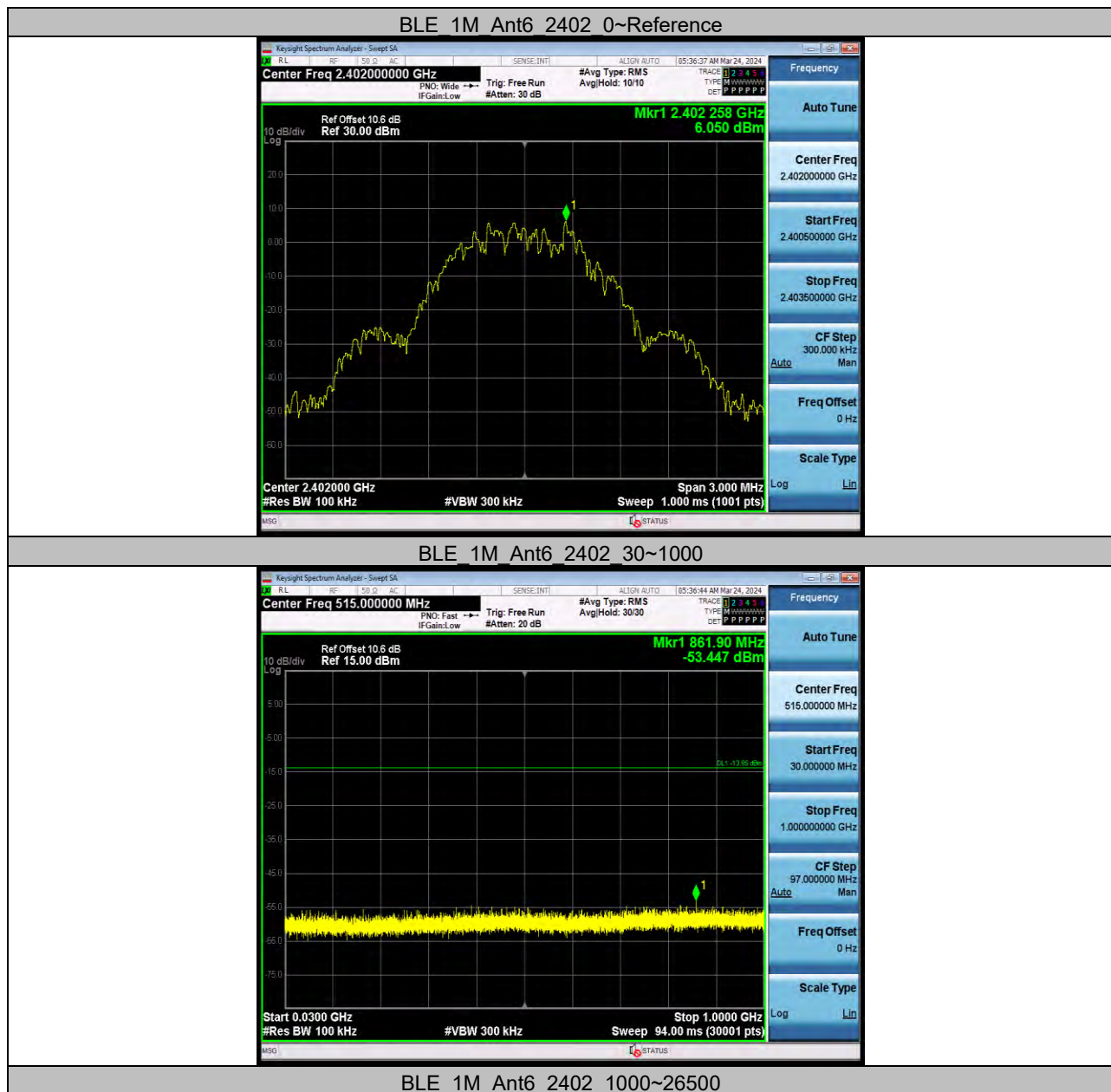
BLE 500K Ant6 High 2480



CONDUCTED SPURIOUS EMISSION TEST RESULT

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant6	2402	Reference	6.05	6.05	---	PASS
			30~1000	6.05	-53.45	≤-13.95	PASS
			1000~26500	6.05	-35.11	≤-13.95	PASS
		2440	Reference	7.06	7.06	---	PASS
			30~1000	7.06	-53.86	≤-12.94	PASS
			1000~26500	7.06	-34.55	≤-12.94	PASS
		2480	Reference	6.53	6.53	---	PASS
			30~1000	6.53	-53.94	≤-13.47	PASS
			1000~26500	6.53	-34.83	≤-13.47	PASS
BLE_2M	Ant6	2404	Reference	4.40	4.40	---	PASS
			30~1000	4.40	-54.37	≤-15.6	PASS
			1000~26500	4.40	-35.58	≤-15.6	PASS
		2440	Reference	4.05	4.05	---	PASS
			30~1000	4.05	-54.37	≤-15.95	PASS
			1000~26500	4.05	-35.03	≤-15.95	PASS
		2478	Reference	6.09	6.09	---	PASS
			30~1000	6.09	-53.35	≤-13.91	PASS
			1000~26500	6.09	-34.33	≤-13.91	PASS
BLE_125K	Ant6	2402	Reference	4.01	4.01	---	PASS
			30~1000	4.01	-54.86	≤-15.99	PASS
			1000~26500	4.01	-34.41	≤-15.99	PASS
		2440	Reference	4.46	4.46	---	PASS
			30~1000	4.46	-54.26	≤-15.54	PASS
			1000~26500	4.46	-35.04	≤-15.54	PASS
		2480	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-54.16	≤-15.89	PASS
			1000~26500	4.11	-35.22	≤-15.89	PASS
BLE_500K	Ant6	2402	Reference	7.27	7.27	---	PASS
			30~1000	7.27	-54.47	≤-12.73	PASS
			1000~26500	7.27	-34.55	≤-12.73	PASS
		2440	Reference	6.29	6.29	---	PASS
			30~1000	6.29	-54.63	≤-13.71	PASS
			1000~26500	6.29	-34.85	≤-13.71	PASS
		2480	Reference	5.05	5.05	---	PASS
			30~1000	5.05	-54.21	≤-14.95	PASS
			1000~26500	5.05	-35.4	≤-14.95	PASS

TEST GRAPHS





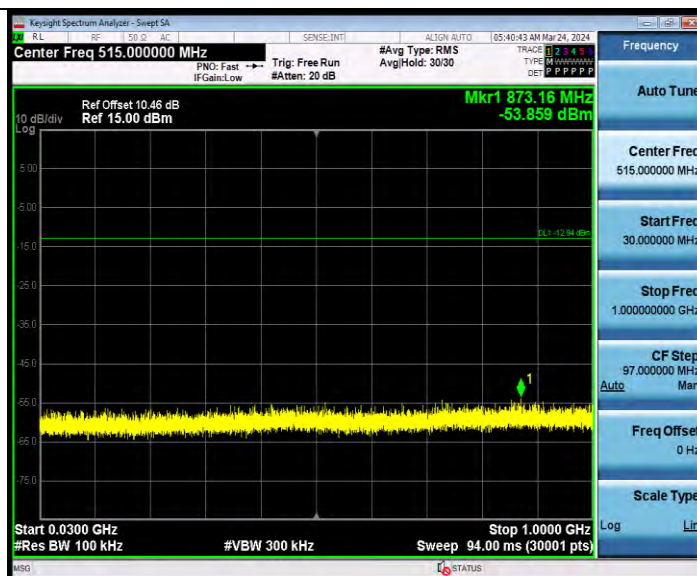
BLE 1M Ant6 2440 0~Reference



BLE 1M Ant6 2440 30~1000



Reference No.: W7L-231218W001RF02



BLE 1M Ant6 2440 1000~26500



BLE 1M Ant6 2480 0~Reference



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 1M Ant6 2480 30~1000



BLE 1M Ant6 2480 1000~26500



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 2M Ant6 2404 0~Reference



BLE 2M Ant6 2404 30~1000

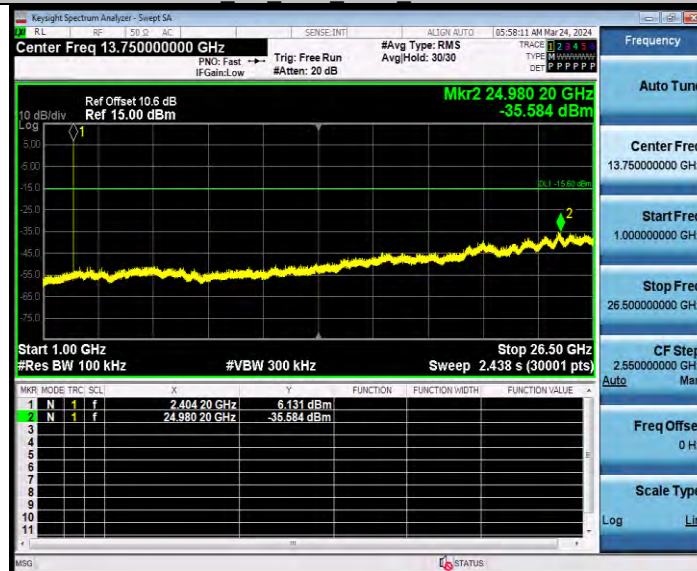


BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 2M Ant6 2404 1000~26500



BLE 2M Ant6 2440 0~Reference

Reference No.: W7L-231218W001RF02



BLE 2M Ant6 2440 30~1000



BLE 2M Ant6 2440 1000~26500

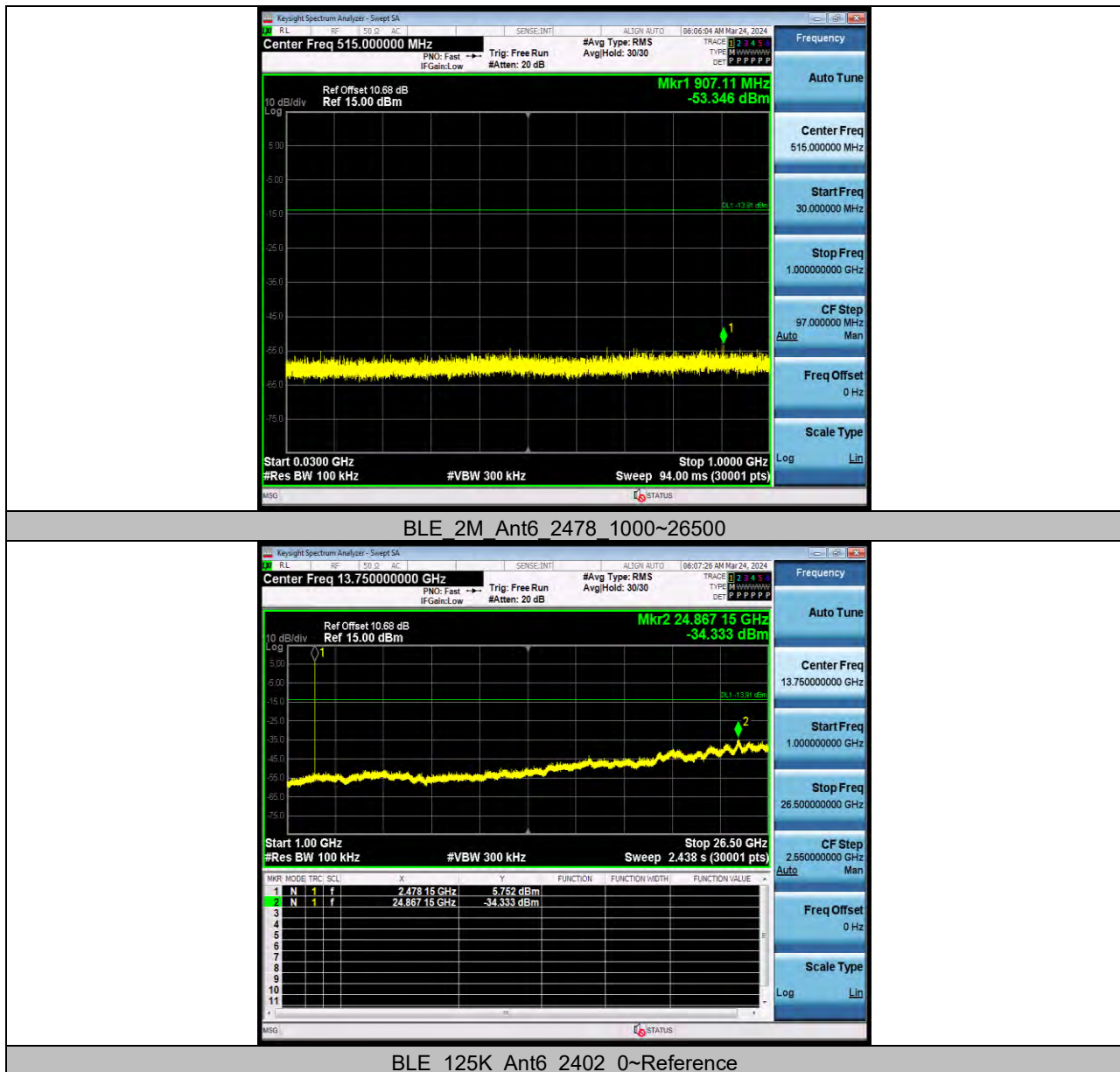
Reference No.: W7L-231218W001RF02



BLE 2M Ant6 2478 0~Reference



BLE 2M Ant6 2478 30~1000



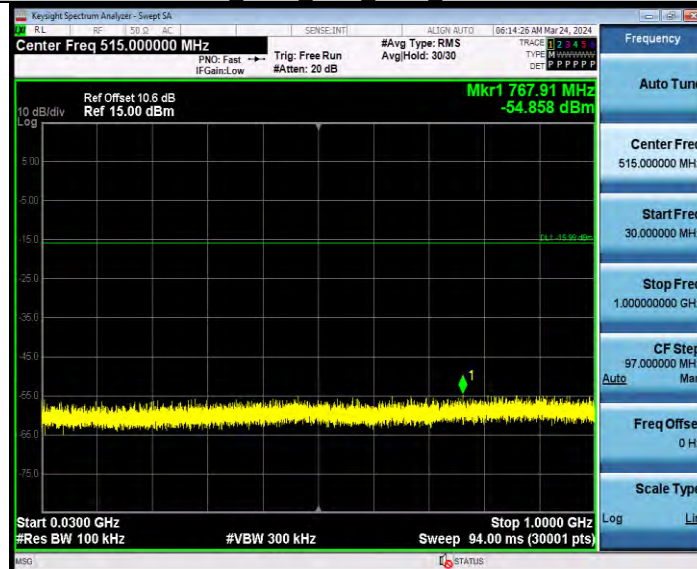


BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 125K Ant6 2402 30~1000



BLE 125K Ant6 2402 1000~26500



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 125K Ant6 2440 0~Reference



BLE 125K Ant6 2440 30~1000

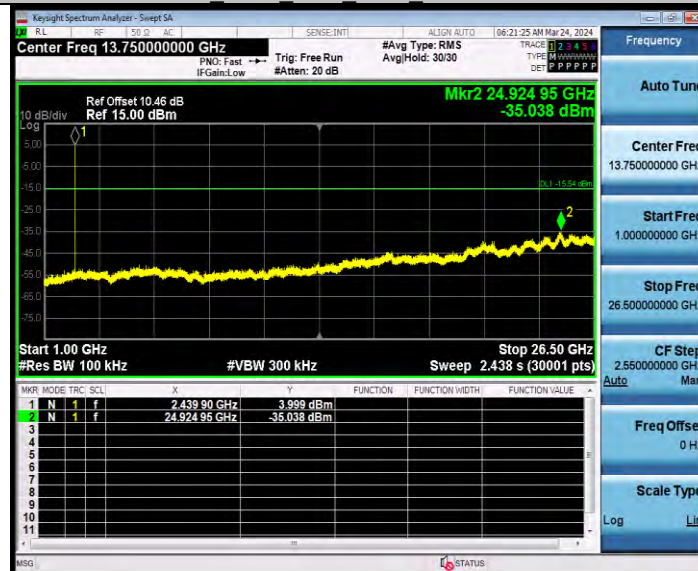


BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE_125K_Ant6_2440_1000~26500



BLE_125K_Ant6_2480_0~Reference

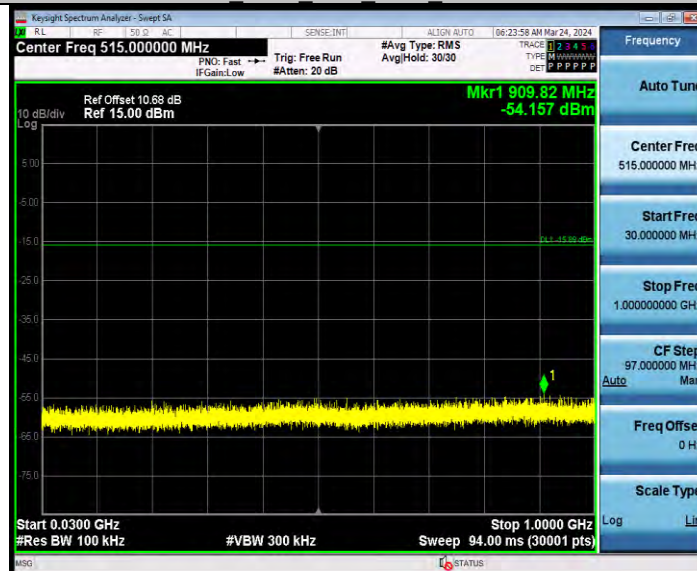


BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 125K Ant6 2480 30~1000



BLE 125K Ant6 2480 1000~26500



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 500K Ant6 2402 0~Reference



BLE 500K Ant6 2402 30~1000



BLE_500K_Ant6_2402_1000~26500



BLE_500K_Ant6_2440_0~Reference



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE_500K_Ant6_2440_30~1000



BLE_500K_Ant6_2440_1000~26500



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 500K Ant6 2480 0~Reference

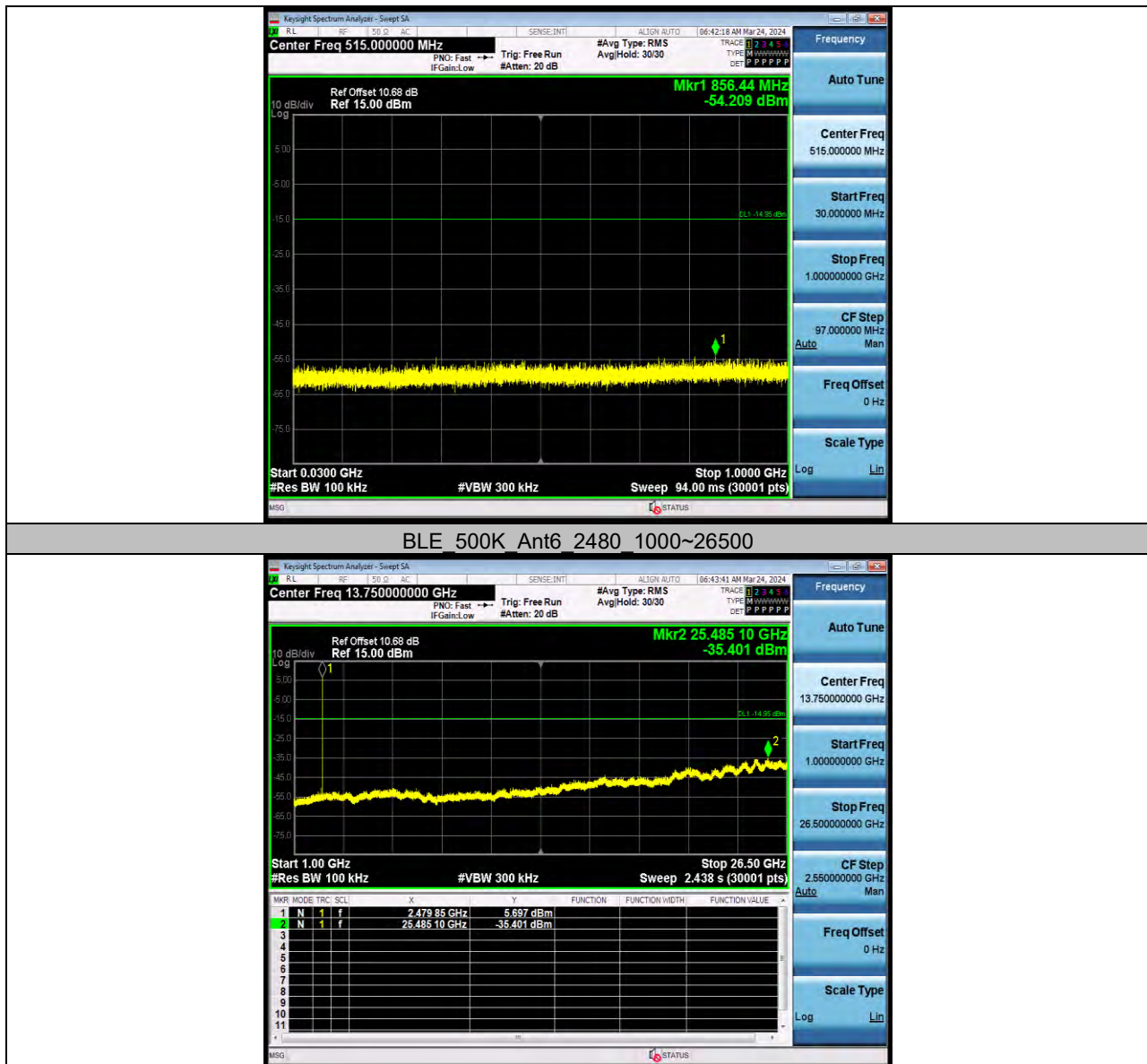


BLE 500K Ant6 2480 30~1000



BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



DUTY CYCLE TEST RESULT

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant6	2402	0.39	0.63	61.90	2.08
		2440	0.40	0.63	63.49	1.97
		2480	0.40	0.63	63.49	1.97
BLE_2M	Ant6	2404	0.21	0.63	33.33	4.77
		2440	0.21	0.63	33.33	4.77
		2478	0.20	0.62	32.26	4.91
BLE_125K	Ant6	2402	3.10	3.75	82.67	0.83
		2440	3.10	3.75	82.67	0.83
		2480	3.10	3.75	82.67	0.83
BLE_500K	Ant6	2402	1.07	1.88	56.91	2.45
		2440	1.07	1.88	56.91	2.45
		2480	1.07	1.88	56.91	2.45

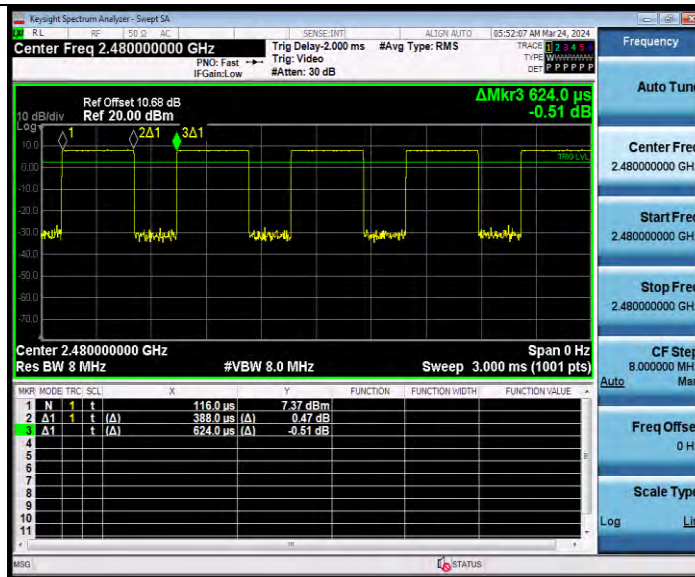
TEST GRAPHS



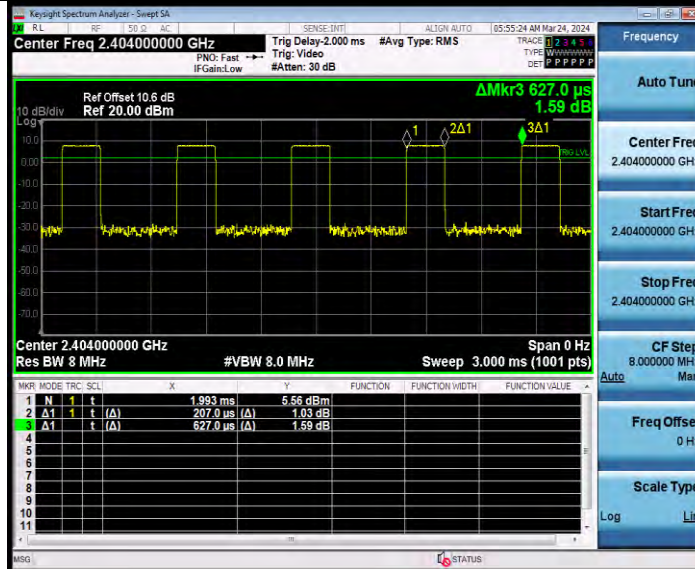


BUREAU
VERITAS

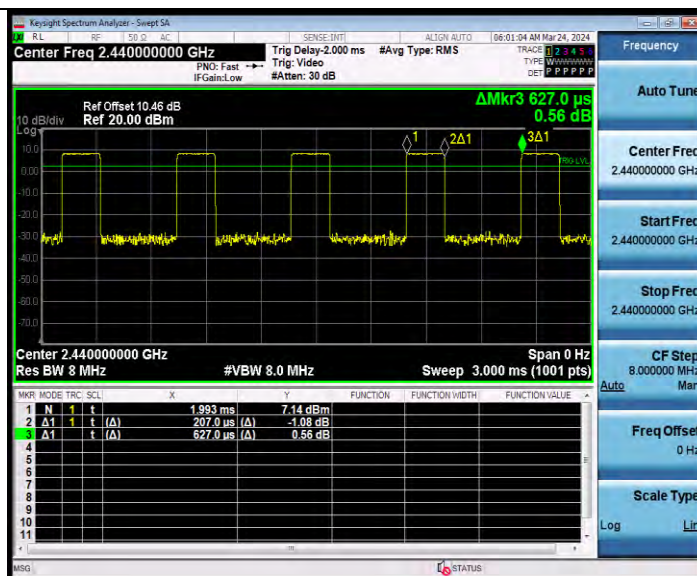
Reference No.: W7L-231218W001RF02



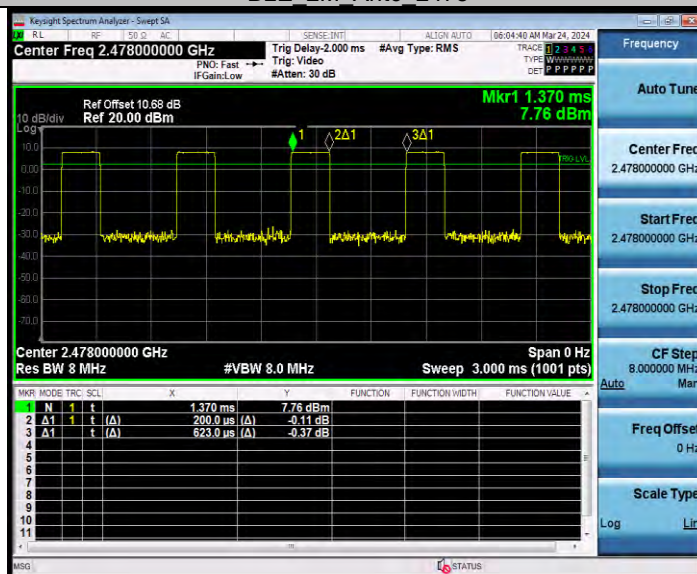
BLE 2M Ant6 2404



BLE 2M Ant6 2440



BLE 2M Ant6 2478

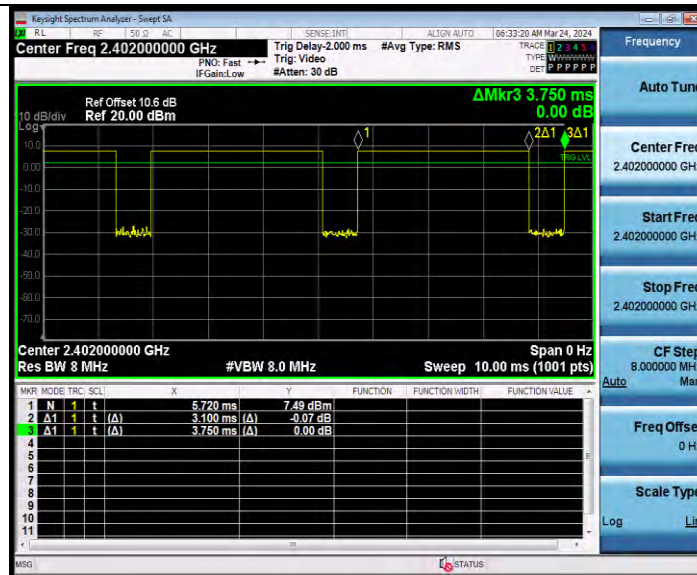


BLE 125K Ant6 2402

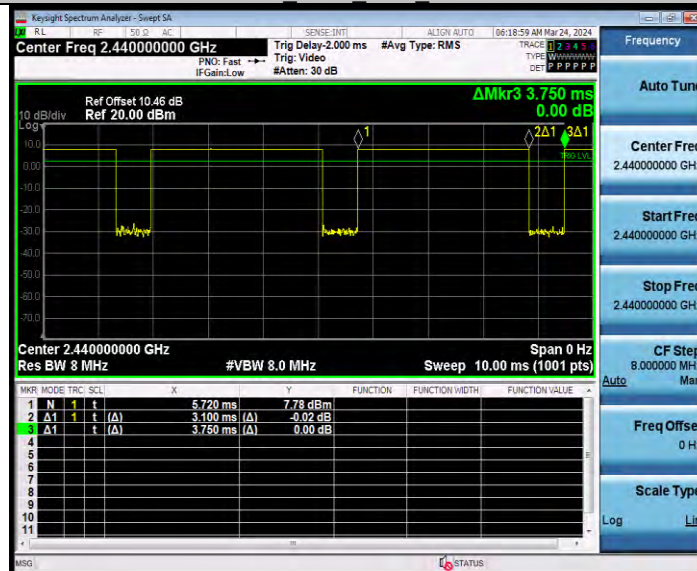


BUREAU
VERITAS

Reference No.: W7L-231218W001RF02



BLE 125K_Ant6_2440



BLE 125K_Ant6_2480