



### CONDUCTED SPURIOUS EMISSION TEST RESULT

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.58	2.58	---	PASS
			30~1000	2.58	-53.15	≤-17.42	PASS
			1000~26500	2.58	-34.09	≤-17.42	PASS
		2440	Reference	2.69	2.69	---	PASS
			30~1000	2.69	-53.81	≤-17.31	PASS
			1000~26500	2.69	-35.02	≤-17.31	PASS
		2480	Reference	1.95	1.95	---	PASS
			30~1000	1.95	-53.77	≤-18.05	PASS
			1000~26500	1.95	-33.57	≤-18.05	PASS
BLE_2M	Ant1	2402	Reference	2.14	2.14	---	PASS
			30~1000	2.14	-53.41	≤-17.86	PASS
			1000~26500	2.14	-34.16	≤-17.86	PASS
		2440	Reference	-0.12	-0.12	---	PASS
			30~1000	-0.12	-53.7	≤-20.12	PASS
			1000~26500	-0.12	-34.7	≤-20.12	PASS
		2480	Reference	-0.38	-0.38	---	PASS
			30~1000	-0.38	-54.15	≤-20.38	PASS
			1000~26500	-0.38	-32.56	≤-20.38	PASS
BLE_125K	Ant1	2402	Reference	-0.91	-0.91	---	PASS
			30~1000	-0.91	-53.39	≤-20.91	PASS
			1000~26500	-0.91	-34.67	≤-20.91	PASS
		2440	Reference	-0.19	-0.19	---	PASS
			30~1000	-0.19	-54.12	≤-20.19	PASS
			1000~26500	-0.19	-33.77	≤-20.19	PASS
		2480	Reference	-0.70	-0.70	---	PASS
			30~1000	-0.70	-53.62	≤-20.7	PASS
			1000~26500	-0.70	-34.74	≤-20.7	PASS
BLE_500K	Ant1	2402	Reference	0.98	0.98	---	PASS
			30~1000	0.98	-53.34	≤-19.02	PASS



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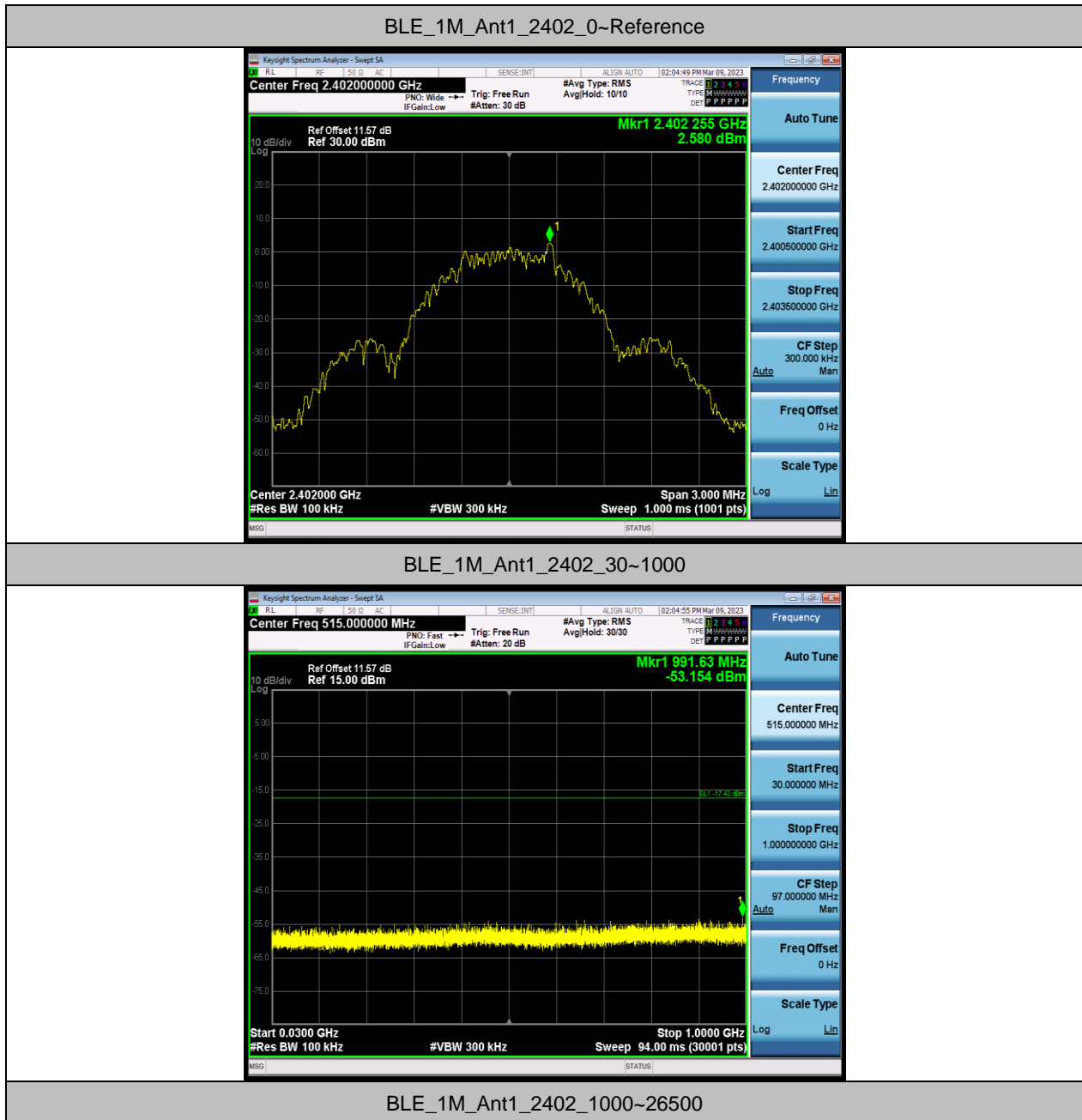
			1000~26500	0.98	-34.45	≤-19.02	PASS
		2440	Reference	2.68	2.68	---	PASS
			30~1000	2.68	-54.1	≤-17.32	PASS
			1000~26500	2.68	-34.53	≤-17.32	PASS
		2480	Reference	2.12	2.12	---	PASS
			30~1000	2.12	-53.39	≤-17.88	PASS
			1000~26500	2.12	-34.11	≤-17.88	PASS



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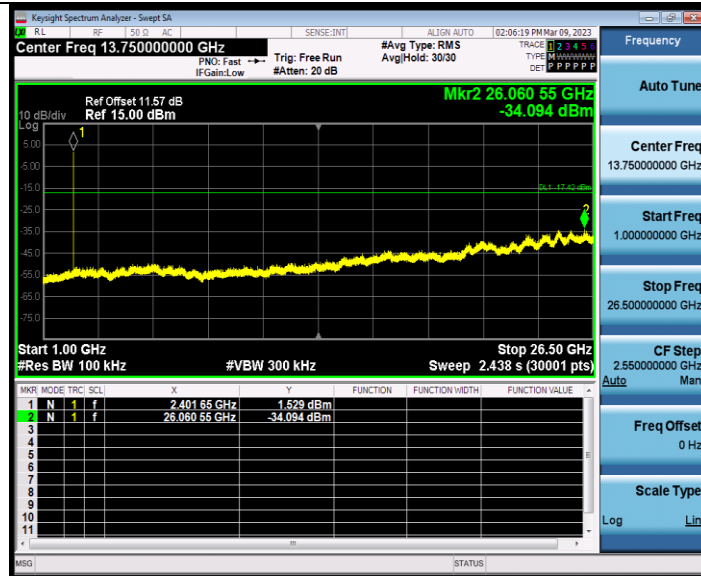
## TEST GRAPHS





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BLE\_1M\_Ant1\_2440\_0-Reference

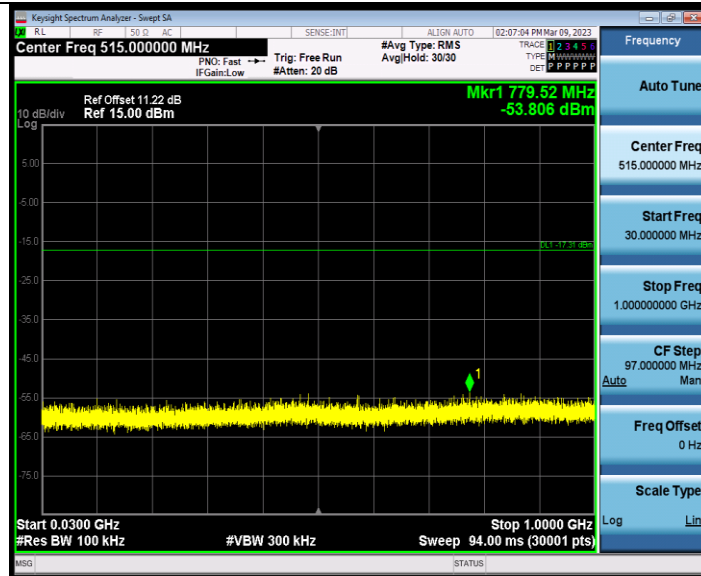


BLE\_1M\_Ant1\_2440\_30~1000

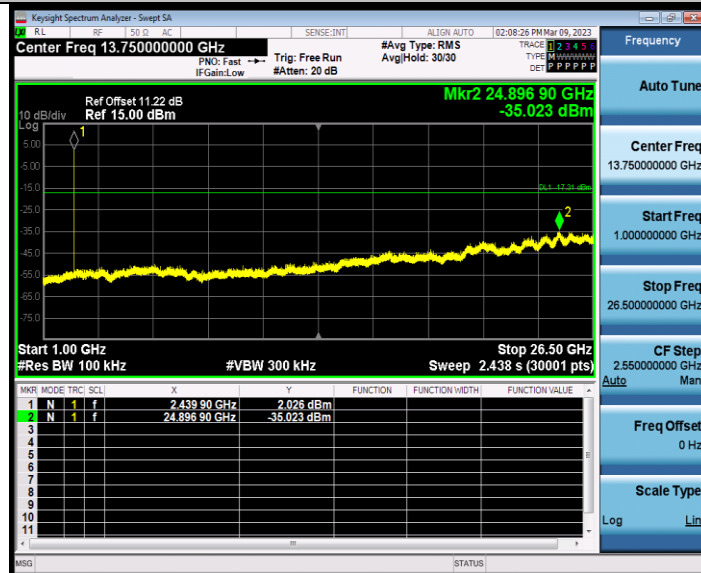


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BLE\_1M\_Ant1\_2440\_1000~26500



BLE\_1M\_Ant1\_2480\_0~Reference

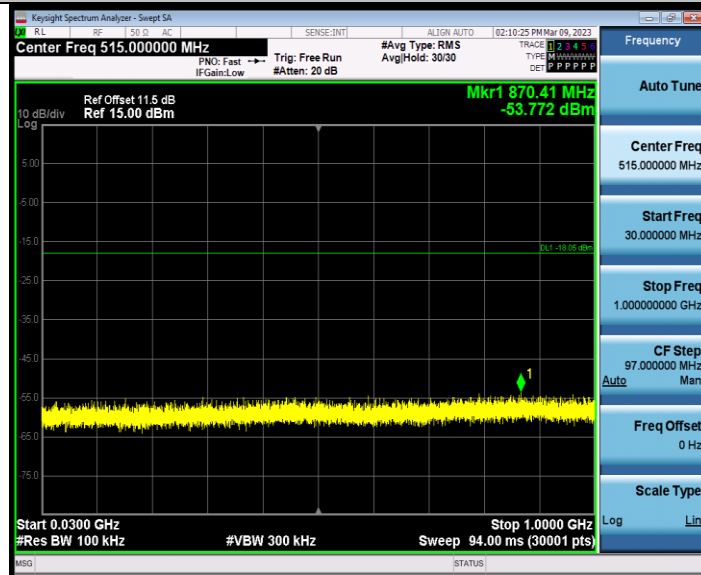


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BLE\_1M\_Ant1\_2480\_30~1000

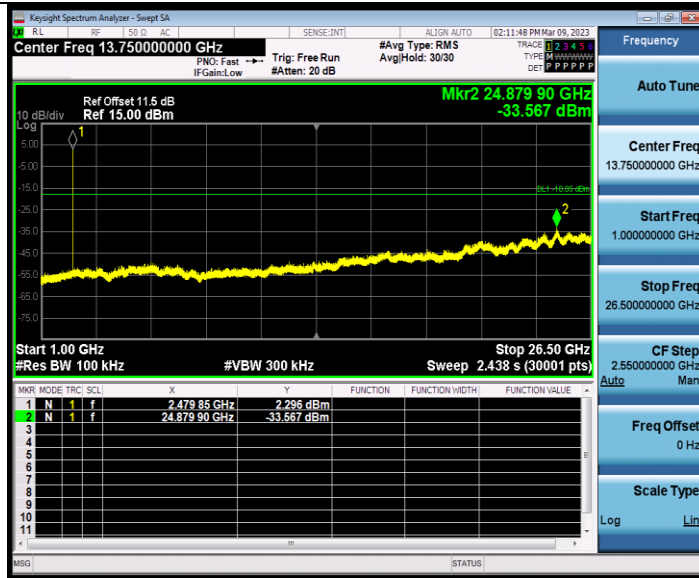


BLE\_1M\_Ant1\_2480\_1000~26500



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BLE\_2M\_Ant1\_2402\_0-Reference

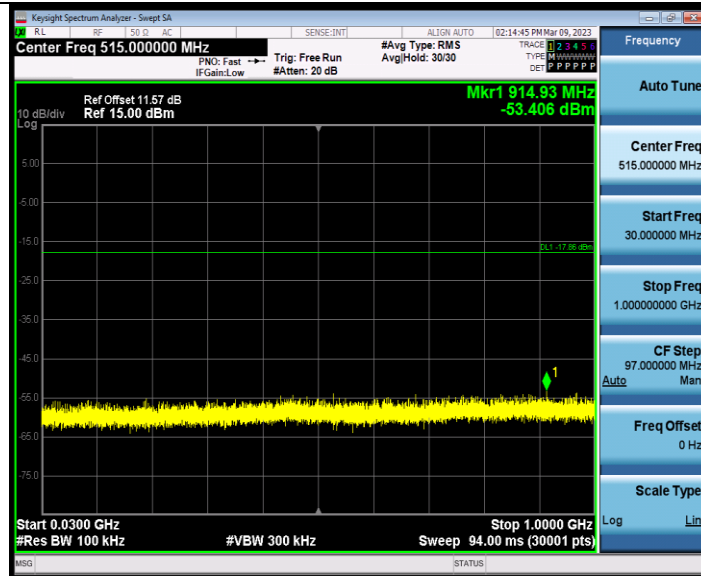


BLE\_2M\_Ant1\_2402\_30~1000



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BLE\_2M\_Ant1\_2402\_1000~26500



BLE\_2M\_Ant1\_2440\_0~Reference





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BLE\_2M\_Ant1\_2440\_30~1000

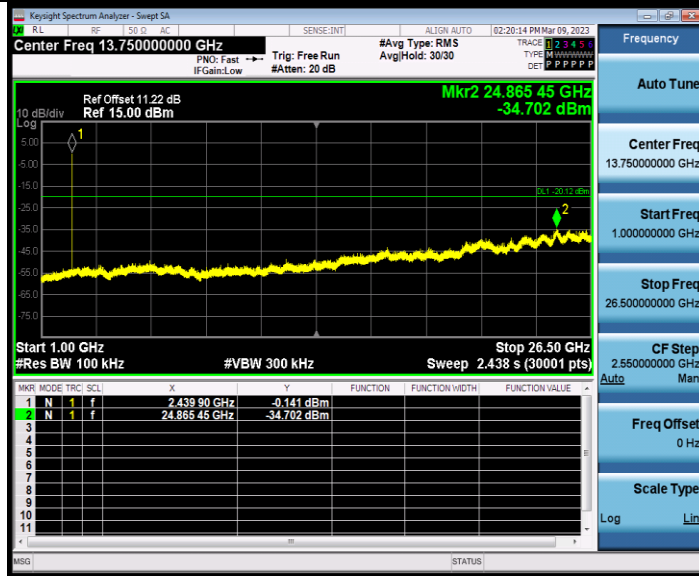


BLE\_2M\_Ant1\_2440\_1000~26500

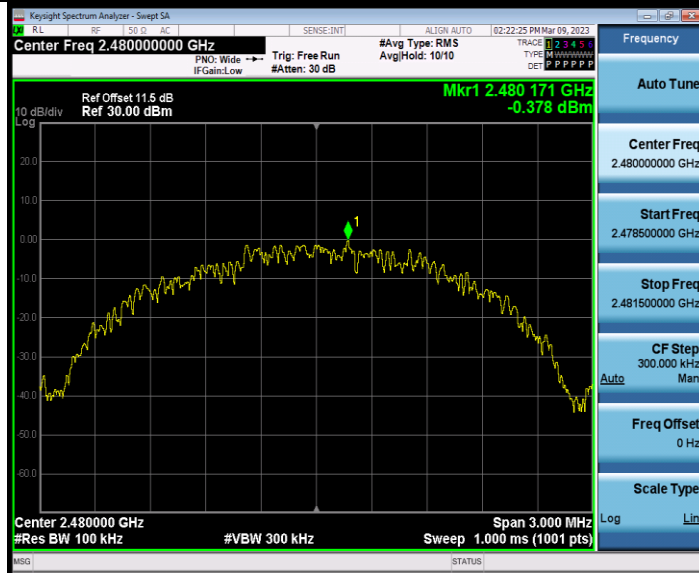


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BLE\_2M\_Ant1\_2480\_0-Reference

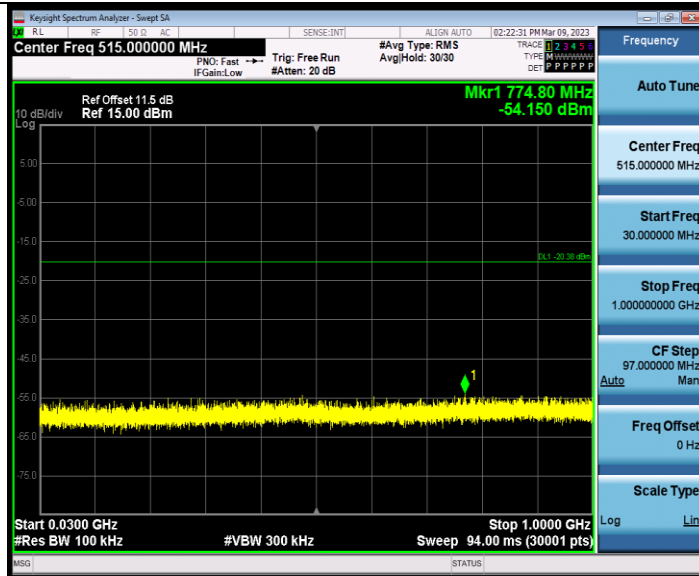


BLE\_2M\_Ant1\_2480\_30~1000

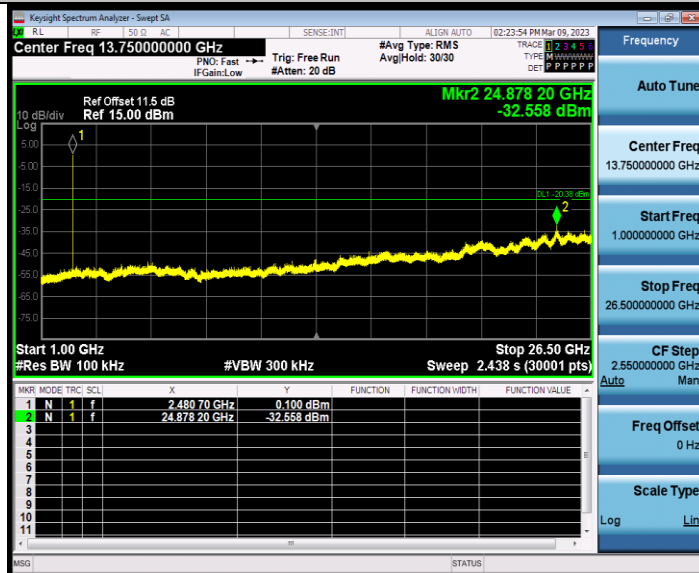


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BLE\_2M\_Ant1\_2480\_1000~26500



BLE\_125K\_Ant1\_2402\_0~Reference



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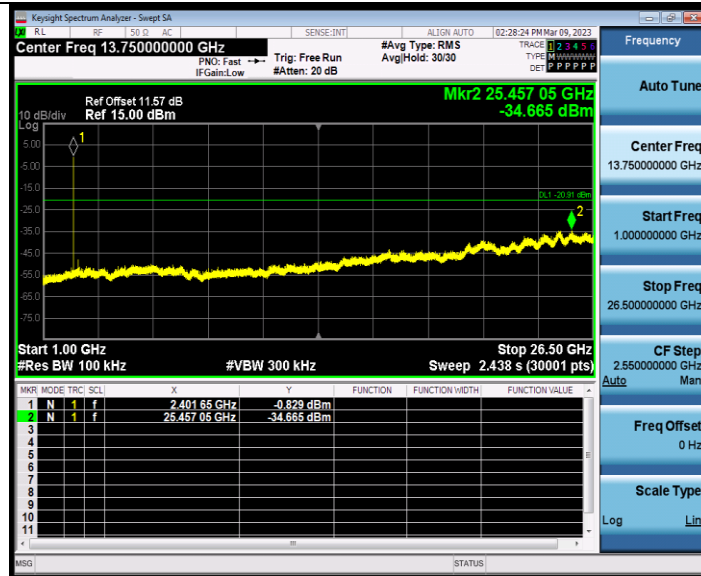
BLE\_125K\_Ant1\_2402\_30~1000



BLE\_125K\_Ant1\_2402\_1000~26500



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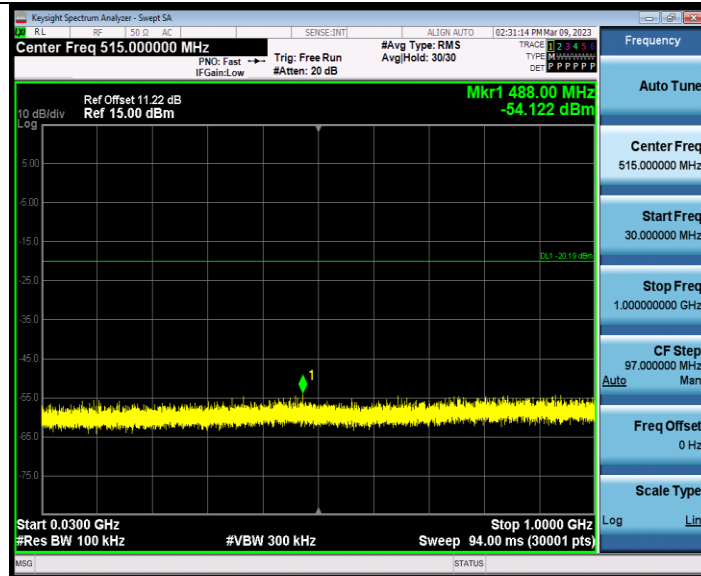
BLE\_125K\_Ant1\_2440\_0~Reference



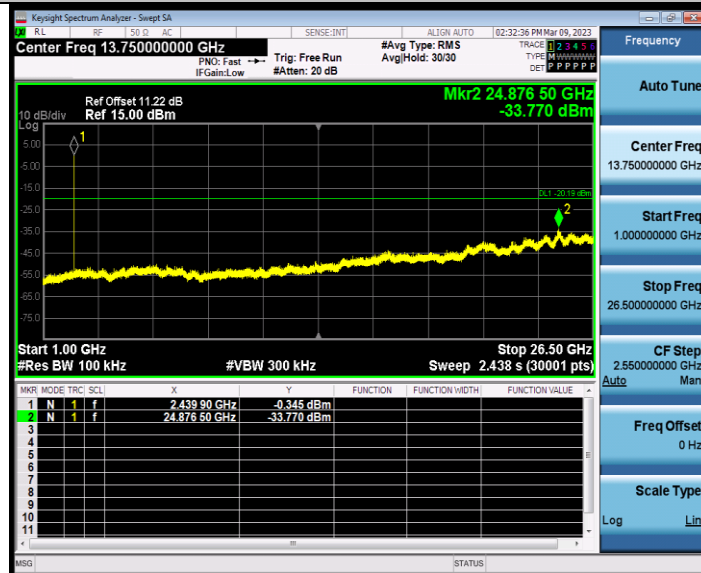
BLE\_125K\_Ant1\_2440\_30~1000



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BLE\_125K\_Ant1\_2440\_1000~26500



BLE\_125K\_Ant1\_2480\_0~Reference

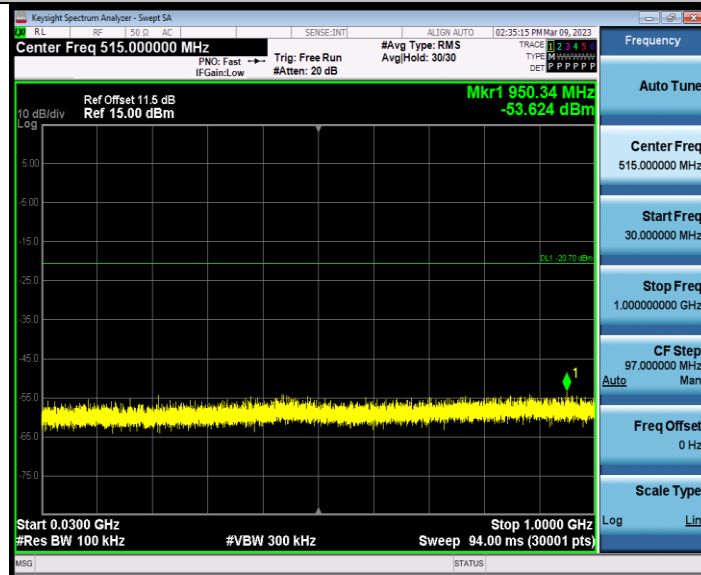


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BLE\_125K\_Ant1\_2480\_30~1000

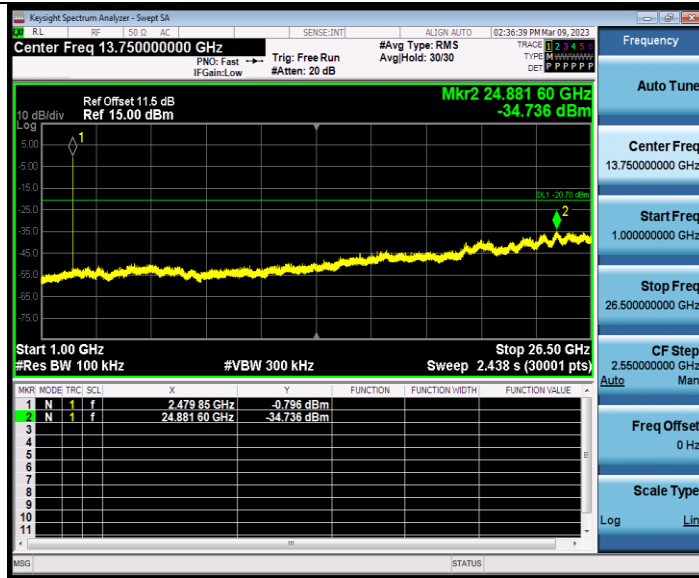


BLE\_125K\_Ant1\_2480\_1000~26500



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Test Report No.: W7L-P23030005RF02



BLE\_500K\_Ant1\_2402\_0~Reference



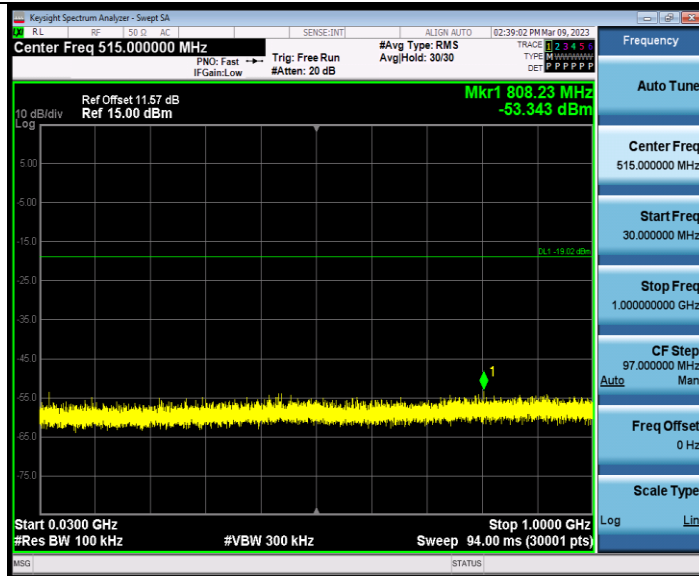
BLE\_500K\_Ant1\_2402\_30~1000





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Test Report No.: W7L-P23030005RF02



BLE\_500K\_Ant1\_2402\_1000~26500



BLE\_500K\_Ant1\_2440\_0~Reference

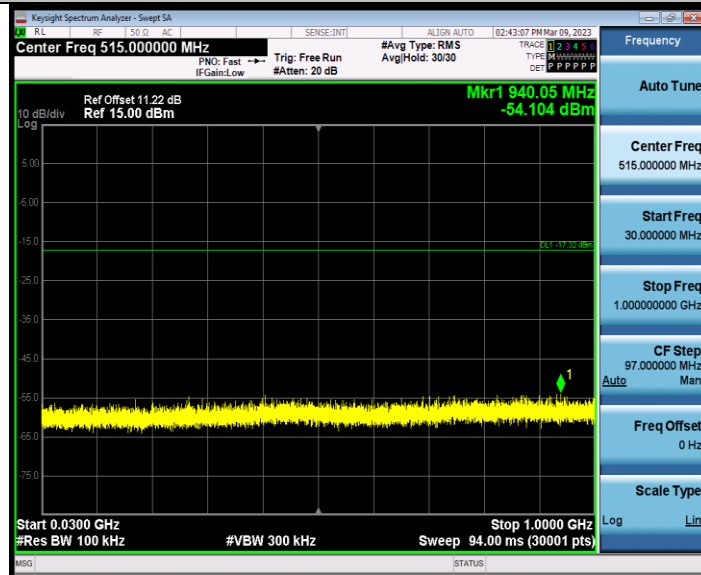


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Test Report No.: W7L-P23030005RF02



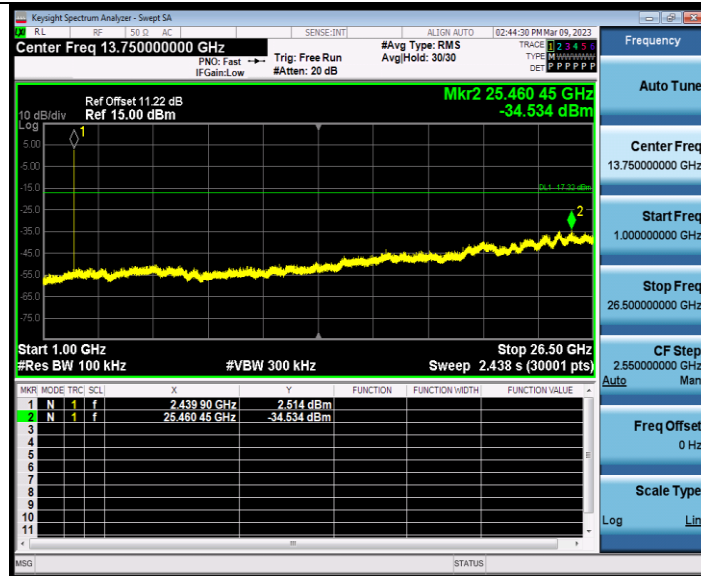
BLE\_500K\_Ant1\_2440\_30~1000



BLE\_500K\_Ant1\_2440\_1000~26500



**BUREAU VERITAS** Test Report No.: W7L-P23030005RF02



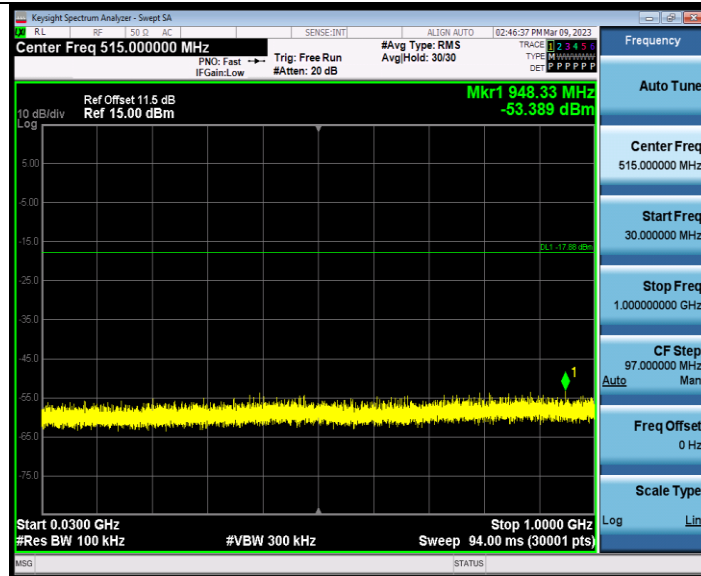
BLE\_500K\_Ant1\_2480\_0~Reference



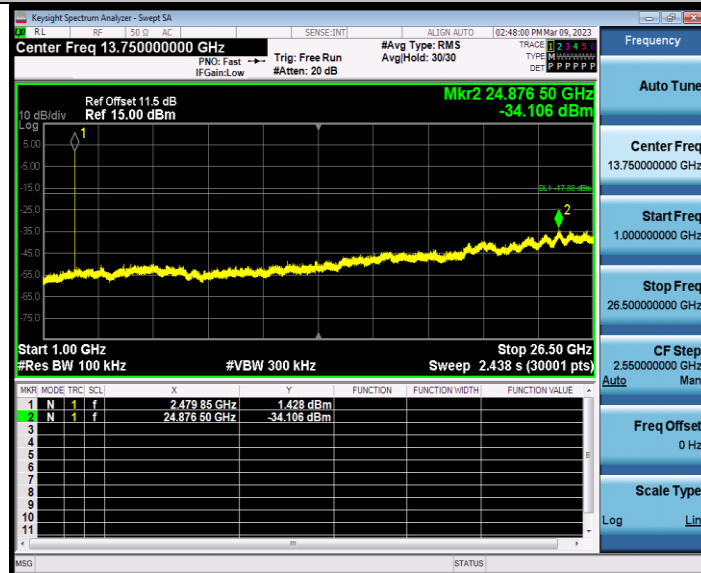
BLE\_500K\_Ant1\_2480\_30~1000



**BUREAU VERITAS** Test Report No.: W7L-P23030005RF02



BLE\_500K\_Ant1\_2480\_1000~26500





## DUTY CYCLE TEST RESULT

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.12	2.50	84.80	0.72
		2440	2.13	2.50	85.20	0.70
		2480	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2402	1.08	1.88	57.45	2.41
		2440	1.07	1.87	57.22	2.42
		2480	1.07	1.87	57.22	2.42
BLE_125K	Ant1	2402	1.00	1.00	100.00	0.00
		2440	1.00	1.00	100.00	0.00
		2480	17.04	17.52	97.26	0.12
BLE_500K	Ant1	2402	4.54	5.01	90.62	0.43
		2440	4.55	5.00	91.00	0.41
		2480	4.55	5.00	91.00	0.41



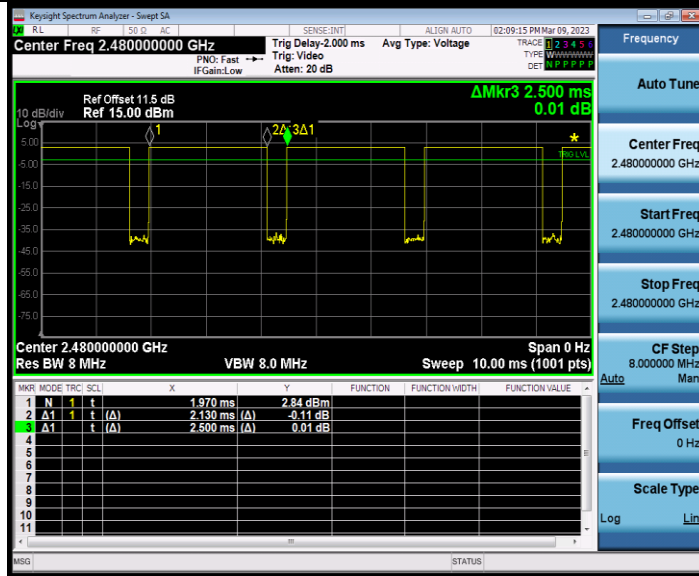
### TEST GRAPHS



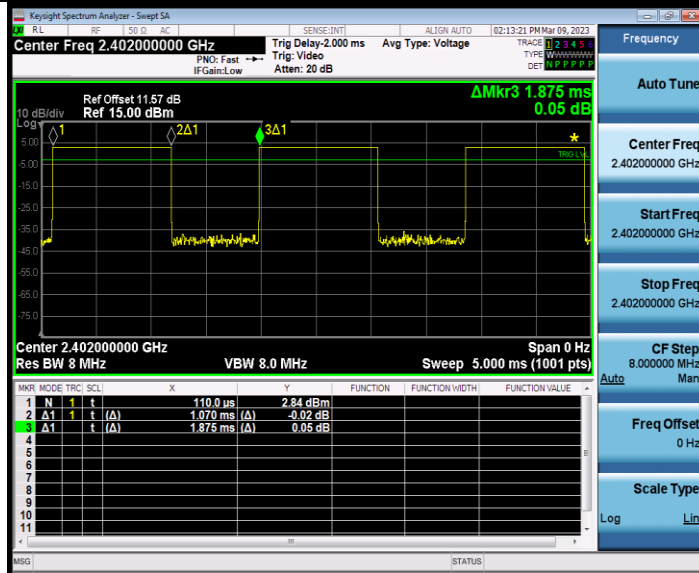


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BLE\_2M\_Ant1\_2402

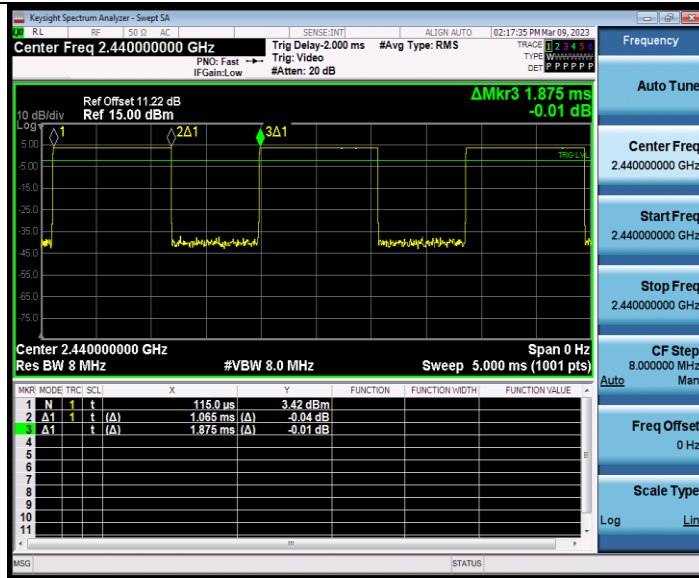


BLE\_2M\_Ant1\_2440

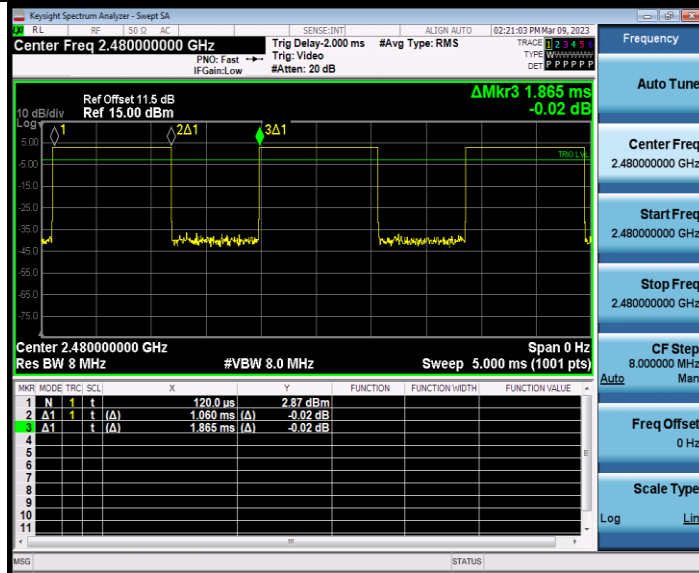


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BLE\_2M\_Ant1\_2480



BLE\_125K\_Ant1\_2402