

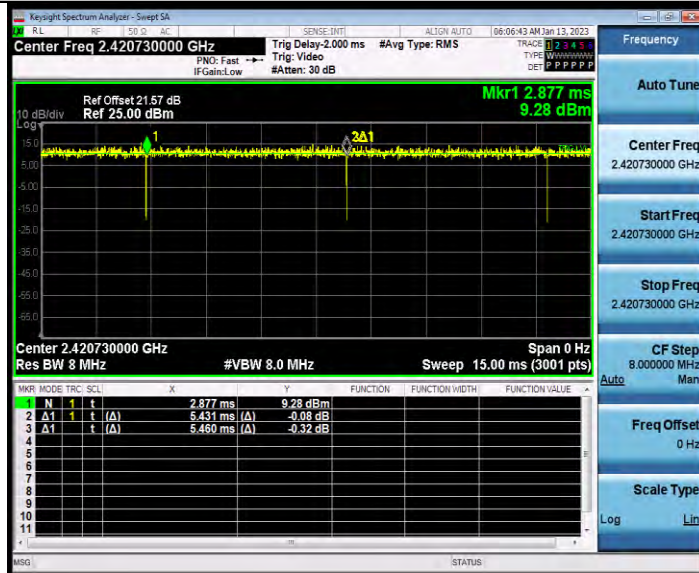


BUREAU VERITAS

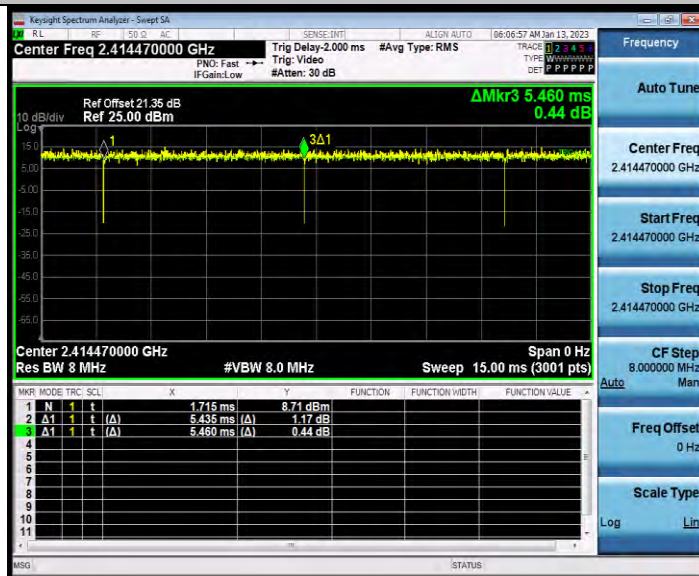
Test Report No.: W7L-P23030016RF02

### TEST GRAPHS

11AX20\_RU\_Ant1\_2412\_242Tone\_RU61



11AX20\_RU\_Ant2\_2412\_242Tone\_RU61

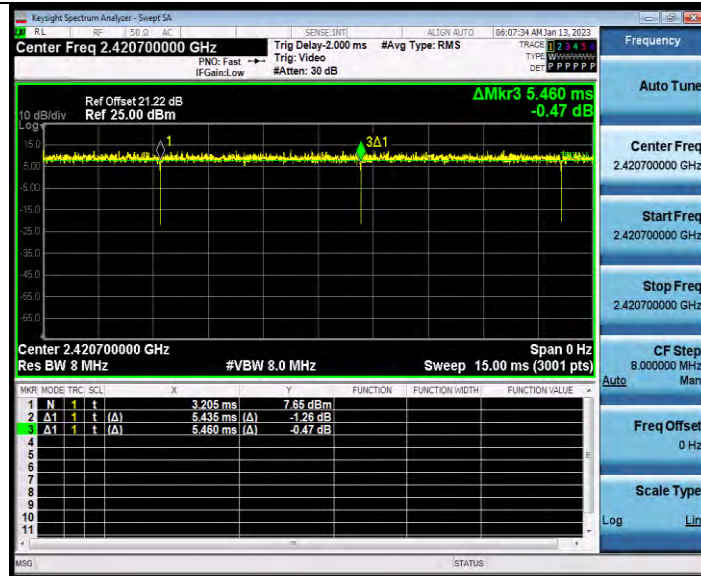


11AX20\_RU\_Ant1\_2437\_242Tone\_RU61

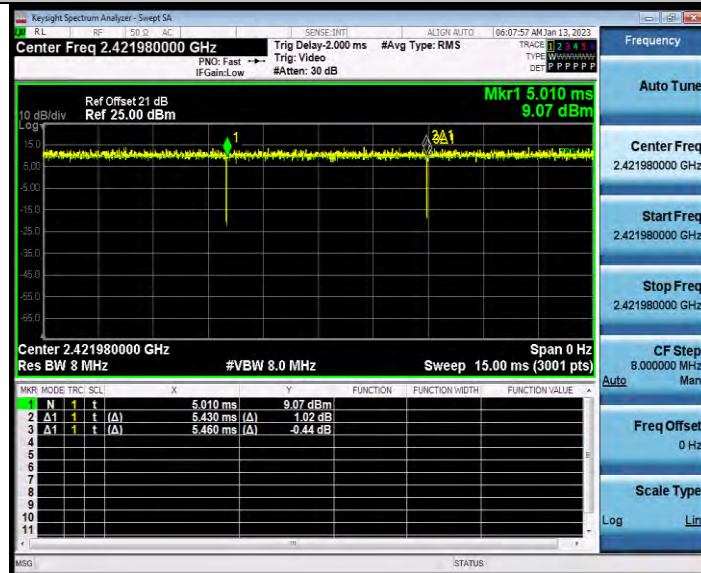


BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



11AX20\_RU\_Ant2\_2437\_242Tone\_RU61

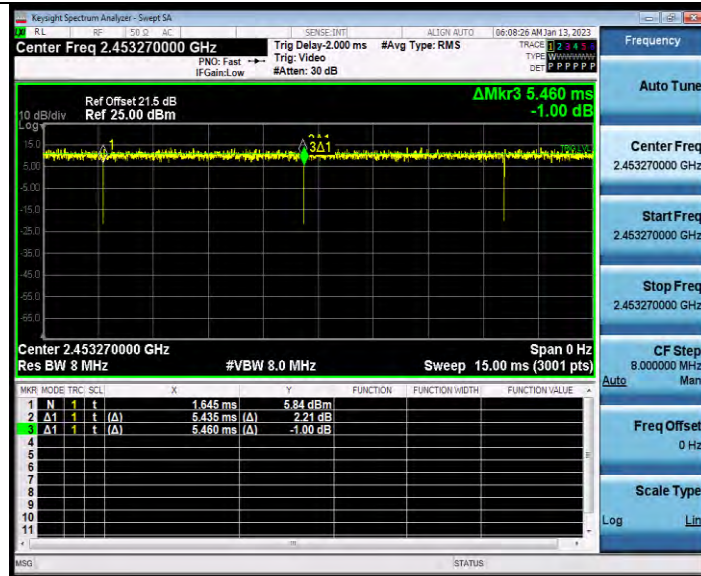


11AX20\_RU\_Ant1\_2462\_242Tone\_RU61

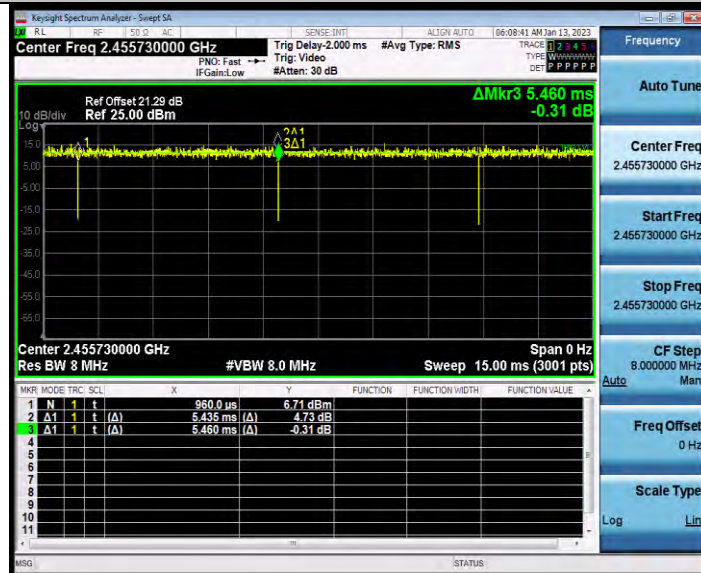


BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



11AX20\_RU\_Ant2\_2462\_242Tone\_RU61

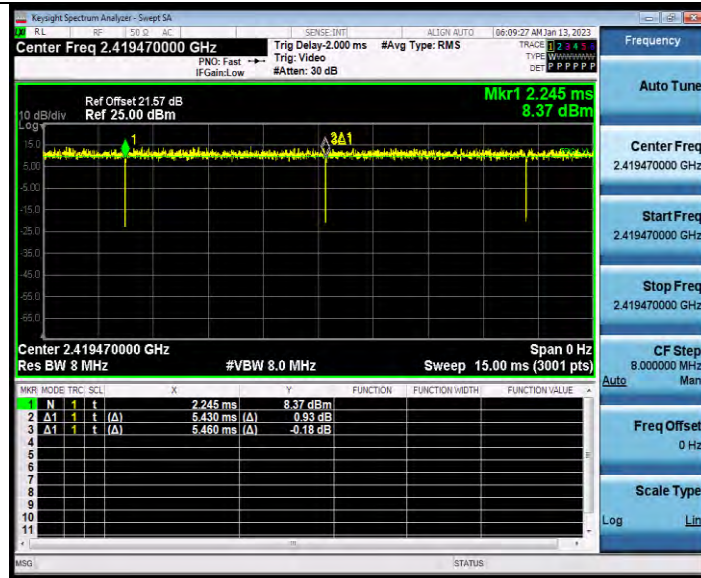


11AX40\_RU\_Ant1\_2422\_484Tone\_RU65

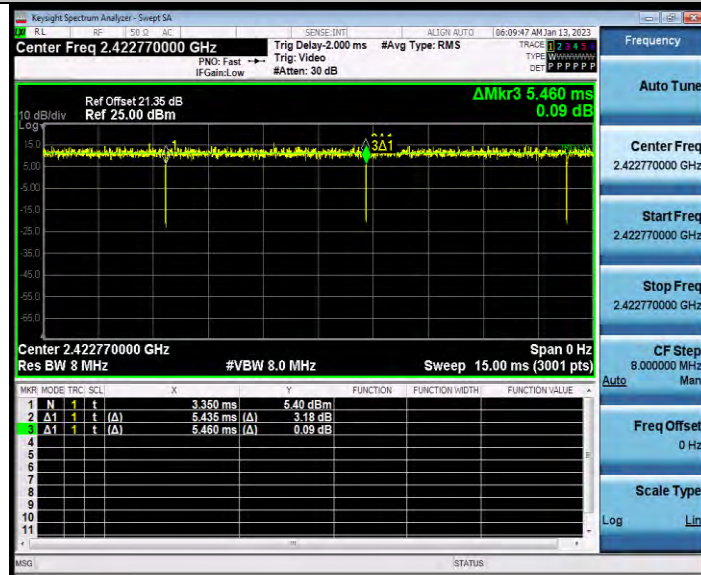


BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



11AX40\_RU\_Ant2\_2422\_484Tone\_RU65

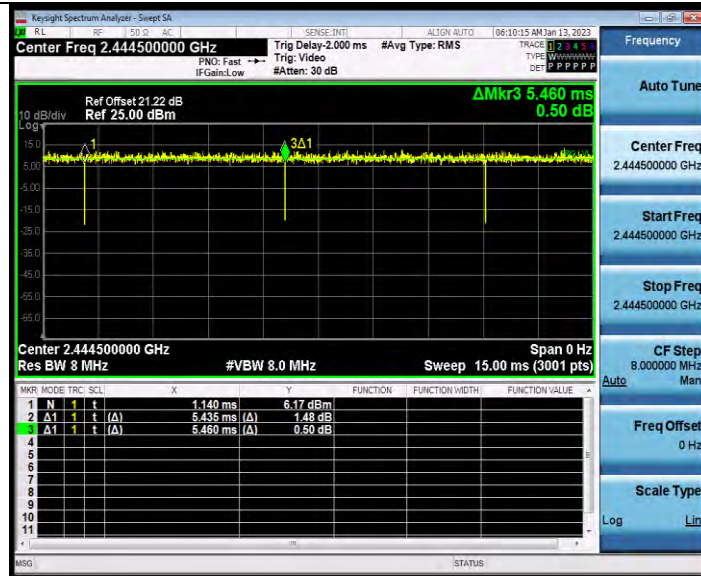


11AX40\_RU\_Ant1\_2437\_484Tone\_RU65

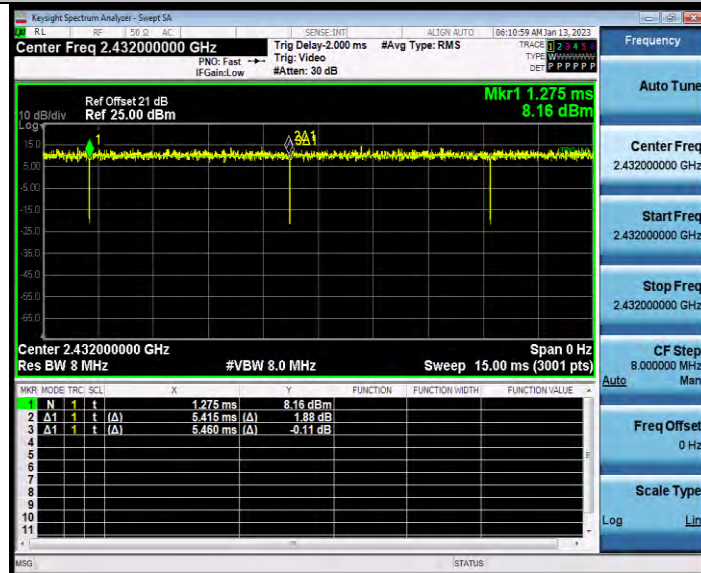


BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



11AX40\_RU\_Ant2\_2437\_484Tone\_RU65

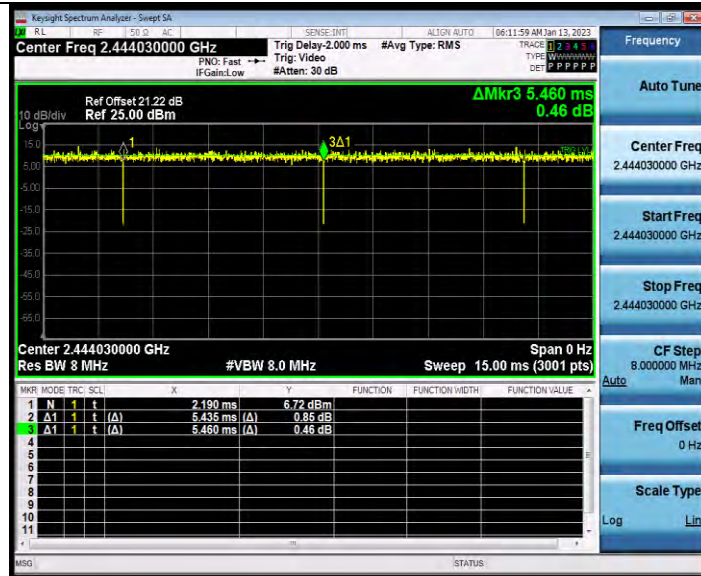


11AX40\_RU\_Ant1\_2452\_484Tone\_RU65

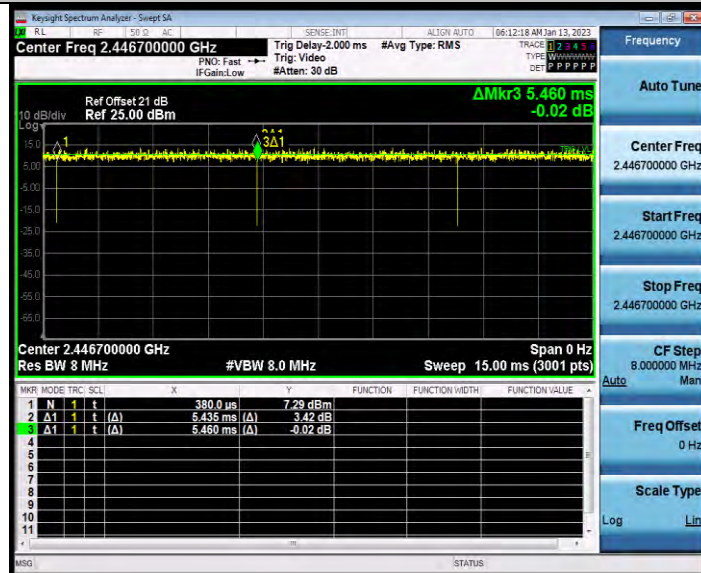


BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



11AX40\_RU\_Ant2\_2452\_484Tone\_RU65





## 7 Appendix 2 BLE

### DTS BANDWIDTH

#### TEST RESULT

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_125K	Ant1	2402	0.660	2401.668	2402.328	0.5	PASS
		2440	0.636	2439.680	2440.316	0.5	PASS
		2480	0.652	2479.672	2480.324	0.5	PASS
BLE_1M	Ant1	2402	0.648	2401.668	2402.316	0.5	PASS
		2440	0.656	2439.676	2440.332	0.5	PASS
		2480	0.656	2479.672	2480.328	0.5	PASS
BLE_2M	Ant1	2402	1.148	2401.432	2402.580	0.5	PASS
		2440	1.108	2439.480	2440.588	0.5	PASS
		2480	1.160	2479.416	2480.576	0.5	PASS
BLE_500K	Ant1	2402	0.632	2401.708	2402.340	0.5	PASS
		2440	0.668	2439.676	2440.344	0.5	PASS
		2480	0.652	2479.676	2480.328	0.5	PASS



### TEST GRAPHS

BLE\_125K\_Ant1\_2402



BLE\_125K\_Ant1\_2440



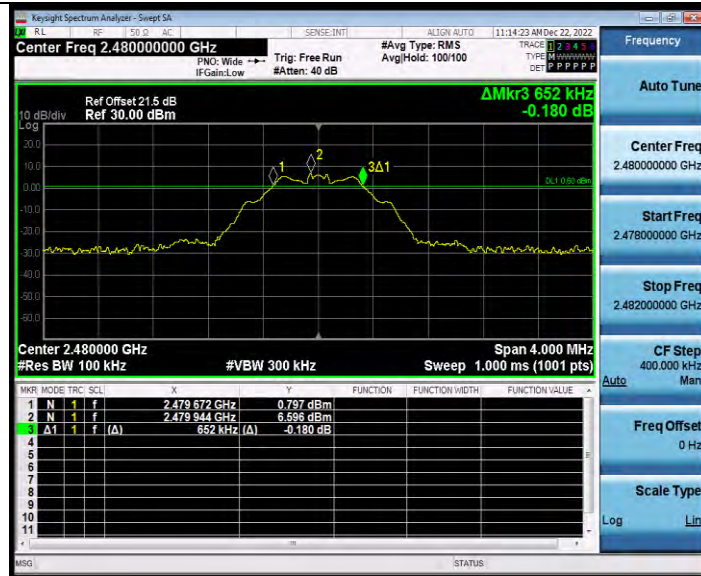
BLE\_125K\_Ant1\_2480





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VERITAS**

### Test Report No.: W7L-P23030016RF02



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



BLE\_1M\_Ant1\_2480



BLE\_2M\_Ant1\_2402



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### Test Report No.: W7L-P23030016RF02



BLE\_2M\_Ant1\_2440



BLE\_2M\_Ant1\_2480



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**Test Report No.: W7L-P23030016RF02**



BLE\_500K\_Ant1\_2402



BLE\_500K\_Ant1\_2440



BUREAU VERITAS

Test Report No.: W7L-P23030016RF02



BLE\_500K\_Ant1\_2480





## OCCUPIED CHANNEL BANDWIDTH

### TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_125K	Ant1	2402	1.0694	2401.4647	2402.5341	---	---
		2440	1.0744	2439.4638	2440.5382	---	---
		2480	1.0651	2479.4634	2480.5285	---	---
BLE_1M	Ant1	2402	1.0262	2401.4916	2402.5178	---	---
		2440	1.0309	2439.4889	2440.5198	---	---
		2480	1.0275	2479.4899	2480.5174	---	---
BLE_2M	Ant1	2402	2.0318	2401.0048	2403.0366	---	---
		2440	2.0457	2438.9954	2441.0411	---	---
		2480	2.0411	2478.9961	2481.0372	---	---
BLE_500K	Ant1	2402	1.0259	2401.4889	2402.5148	---	---
		2440	1.0312	2439.4863	2440.5175	---	---
		2480	1.0279	2479.4858	2480.5137	---	---



BUREAU VERITAS

Test Report No.: W7L-P23030016RF02

### TEST GRAPHS



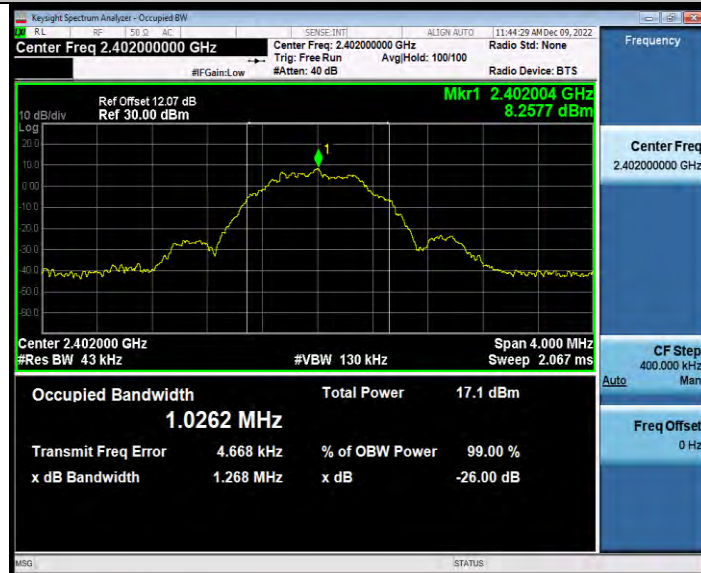


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VERITAS**

### Test Report No.: W7L-P23030016RF02



BLE\_1M\_Ant1\_2402



BLE\_1M\_Ant1\_2440



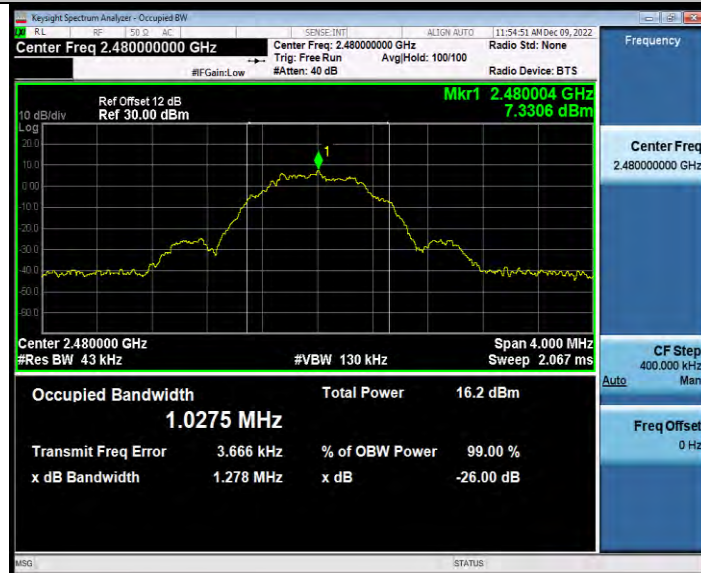


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VERITAS**

**Test Report No.: W7L-P23030016RF02**



BLE\_1M\_Ant1\_2480



BLE\_2M\_Ant1\_2402



**BUREAU  
VERITAS**

**Test Report No.: W7L-P23030016RF02**



BLE\_2M\_Ant1\_2440



BLE\_2M\_Ant1\_2480

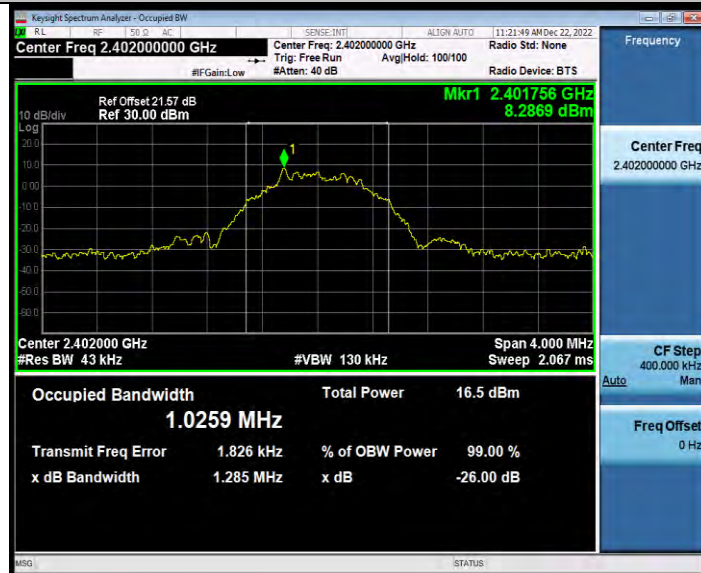


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**Test Report No.: W7L-P23030016RF02**



BLE\_500K\_Ant1\_2402



BLE\_500K\_Ant1\_2440



**BUREAU  
VERITAS**

### Test Report No.: W7L-P23030016RF02



### BLE\_500K\_Ant1\_2480





### MAXIMUM CONDUCTED OUTPUT POWER TEST RESULT

TestMode	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	2402	8.71	8.82	7.62	≤30	8.92	7.80	≤36	PASS	Default
	2440	9.12	9.39	8.69	≤30	9.49	8.89	≤36	PASS	Default
	2480	8.38	8.72	7.45	≤30	8.82	7.62	≤36	PASS	Default
BLE_2M	2402	8.90	8.95	7.85	≤30	9.05	8.04	≤36	PASS	Default
	2440	9.28	<b>9.50</b>	<b>8.91</b>	≤30	<b>9.60</b>	<b>9.12</b>	≤36	PASS	Default
	2480	8.61	8.80	7.59	≤30	8.90	7.76	≤36	PASS	Default
BLE_125k	2402	8.49	8.81	7.60	≤30	8.91	7.78	≤36	PASS	Default
	2440	9.35	9.37	8.65	≤30	9.47	8.85	≤36	PASS	Default
	2480	8.63	8.65	7.33	≤30	8.75	7.50	≤36	PASS	Default
BLE_500K	2402	8.49	8.82	7.62	≤30	8.92	7.80	≤36	PASS	Default
	2440	9.05	9.40	8.71	≤30	9.50	8.91	≤36	PASS	Default
	2480	8.00	8.72	7.45	≤30	8.82	7.62	≤36	PASS	Default

Note:EIRP=Peak Power+Gain

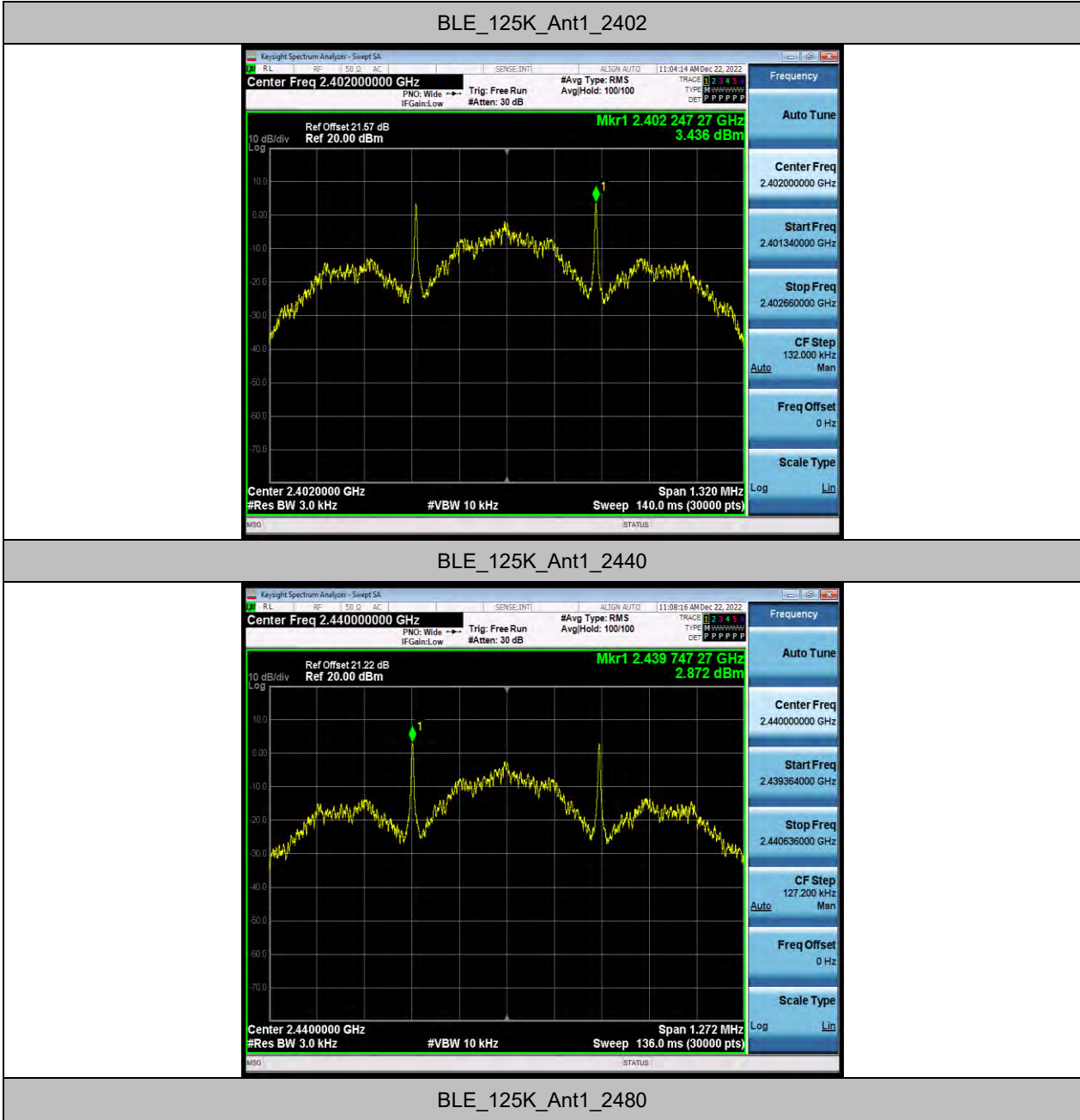


## MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_125K	Ant1	2402	3.44	≤8.00	PASS
		2440	2.87	≤8.00	PASS
		2480	2.92	≤8.00	PASS
BLE_1M	Ant1	2402	-4.33	≤8.00	PASS
		2440	-5.12	≤8.00	PASS
		2480	-5.16	≤8.00	PASS
BLE_2M	Ant1	2402	-7.24	≤8.00	PASS
		2440	-8.53	≤8.00	PASS
		2480	-8.49	≤8.00	PASS
BLE_500K	Ant1	2402	3.30	≤8.00	PASS
		2440	2.81	≤8.00	PASS
		2480	2.96	≤8.00	PASS



### TEST GRAPHS





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**Test Report No.: W7L-P23030016RF02**



BLE\_1M\_Ant1\_2402



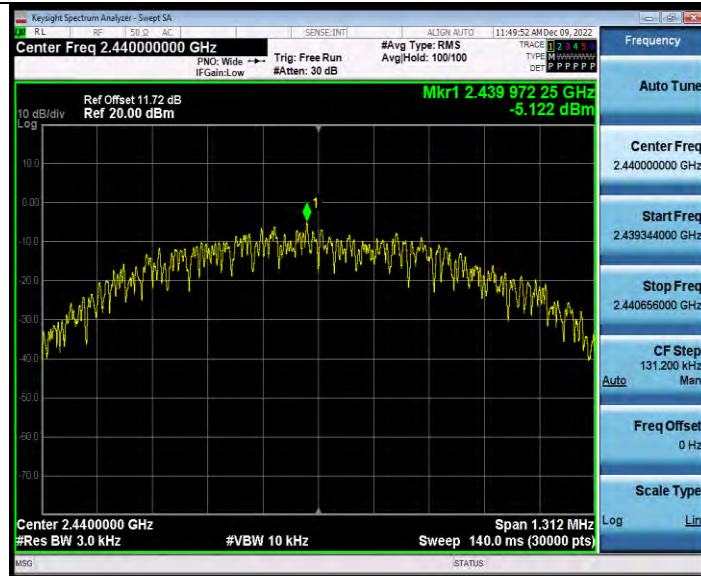
BLE\_1M\_Ant1\_2440



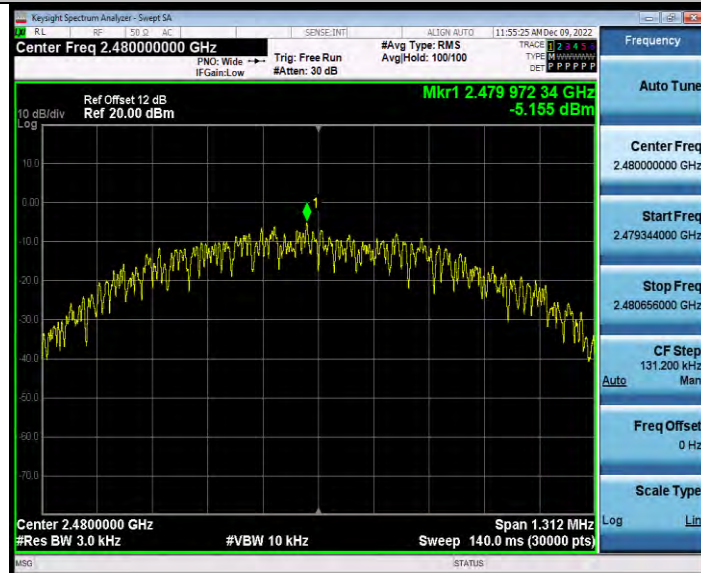


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VERITAS**

### Test Report No.: W7L-P23030016RF02



BLE\_1M\_Ant1\_2480

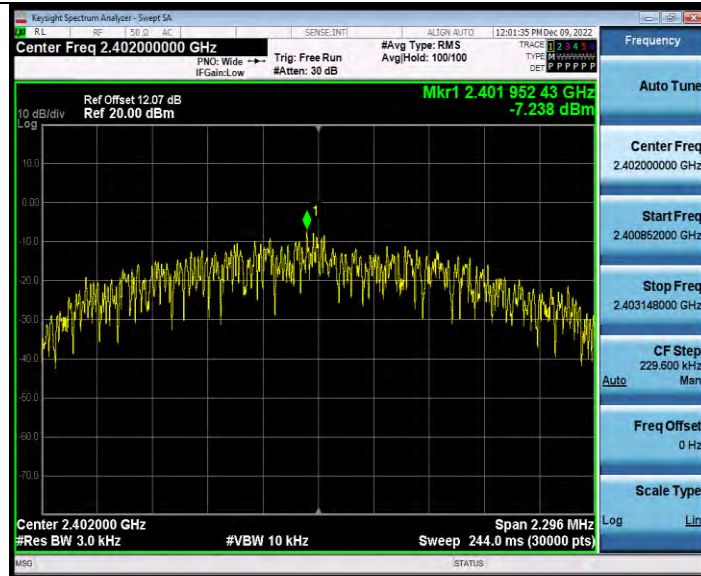


BLE\_2M\_Ant1\_2402

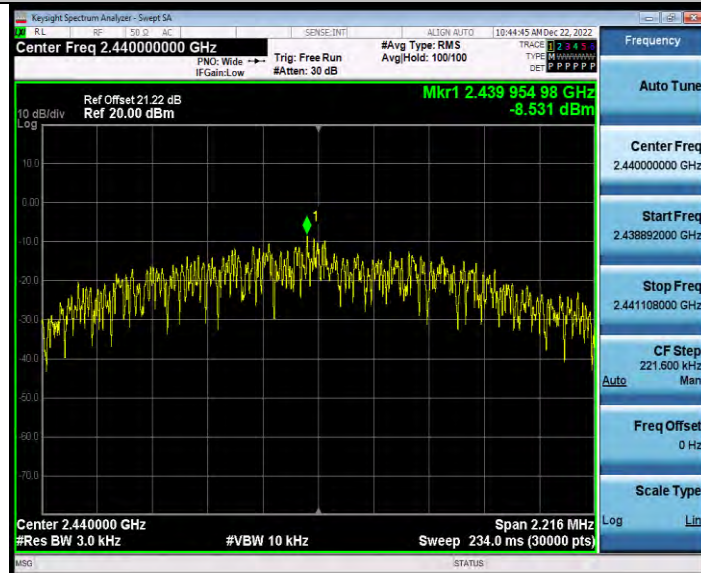


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### Test Report No.: W7L-P23030016RF02



BLE\_2M\_Ant1\_2440

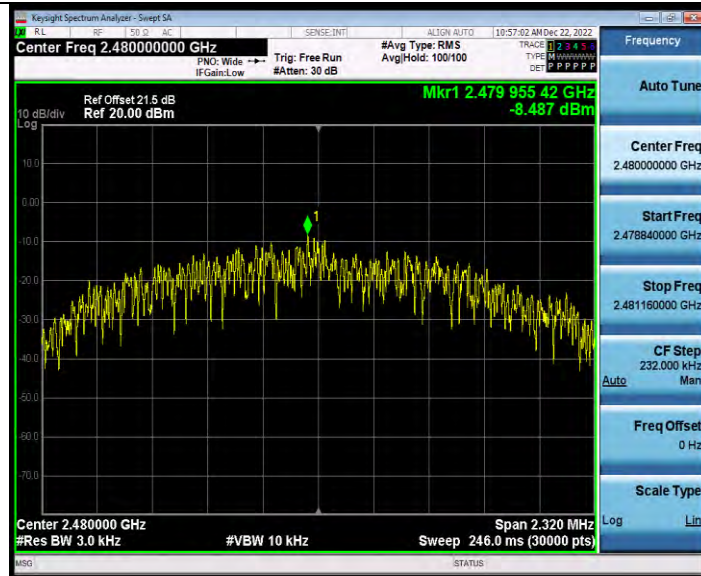


BLE\_2M\_Ant1\_2480



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Test Report No.: W7L-P23030016RF02



BLE\_500K\_Ant1\_2402

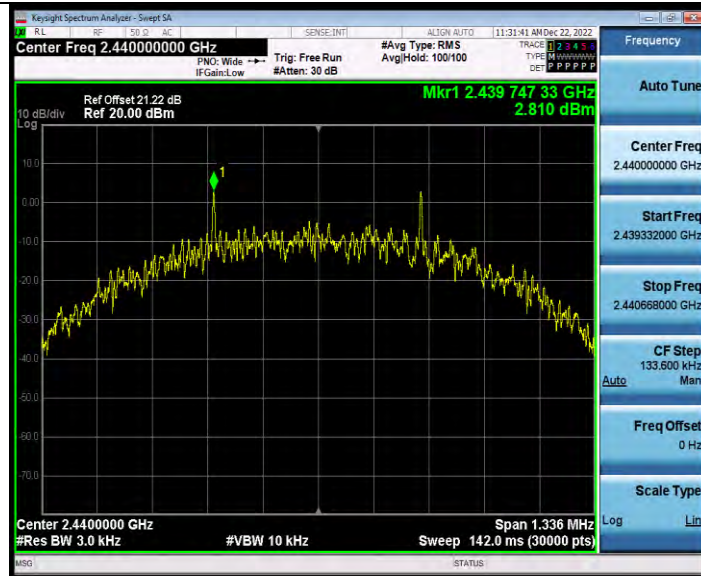


BLE\_500K\_Ant1\_2440



**BUREAU  
VERITAS**

**Test Report No.: W7L-P23030016RF02**



BLE\_500K\_Ant1\_2480





## BAND EDGE MEASUREMENTS

### TEST RESULT

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_125K	Ant1	Low	2402	6.88	-34.76	≤-13.12	PASS
		High	2480	6.02	-34.59	≤-13.98	PASS
BLE_1M	Ant1	Low	2402	9.83	-44.26	≤-10.17	PASS
		High	2480	8.92	-43.61	≤-11.08	PASS
BLE_2M	Ant1	Low	2402	8.83	-29.87	≤-11.17	PASS
		High	2480	8.59	-34.39	≤-11.41	PASS
BLE_500K	Ant1	Low	2402	8.57	-35.26	≤-11.43	PASS
		High	2480	8.71	-34.8	≤-11.29	PASS