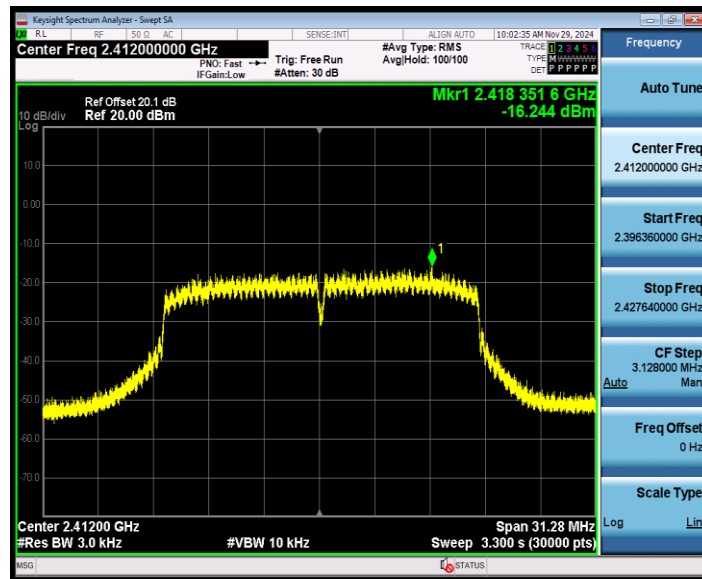


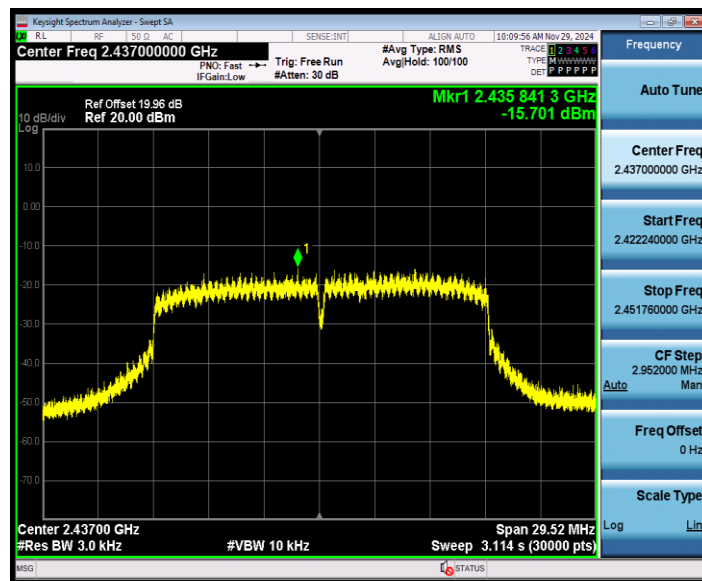


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11N20SISO_Ant1_2437

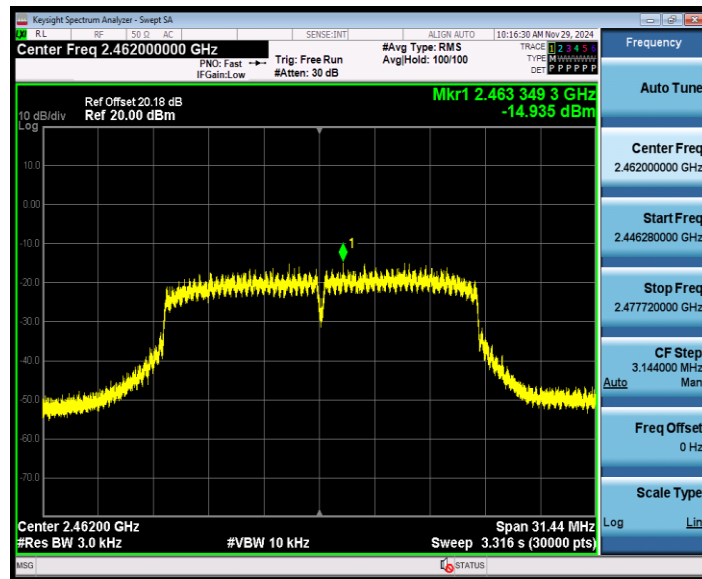


11N20SISO_Ant1_2462



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Test Report No.: W7L-241112W001RF02

APPENDIX F: BAND EDGE MEASUREMENTS

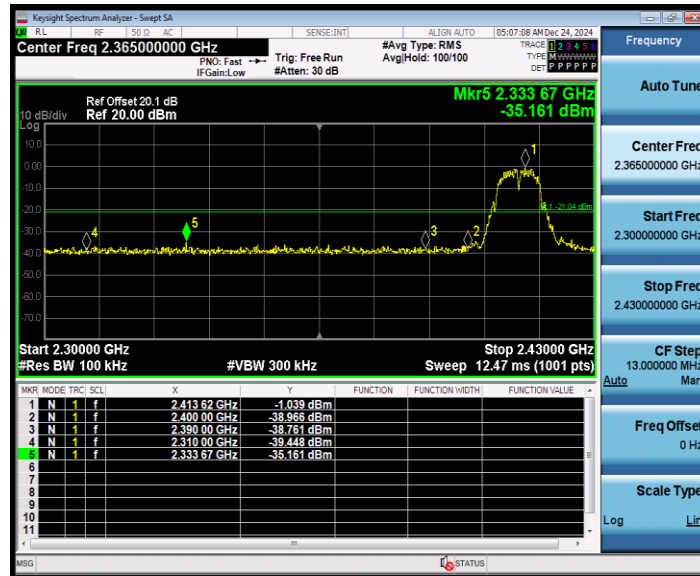
TEST RESULT

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-1.04	-35.16	≤ -21.04	PASS
		High	2462	-0.81	-35.47	≤ -20.81	PASS
11G	Ant1	Low	2412	-1.81	-33.59	≤ -21.81	PASS
		High	2462	-2.27	-36	≤ -22.27	PASS
11N20SISO	Ant1	Low	2412	-0.94	-33.83	≤ -20.94	PASS
		High	2462	-0.99	-35.15	≤ -20.99	PASS

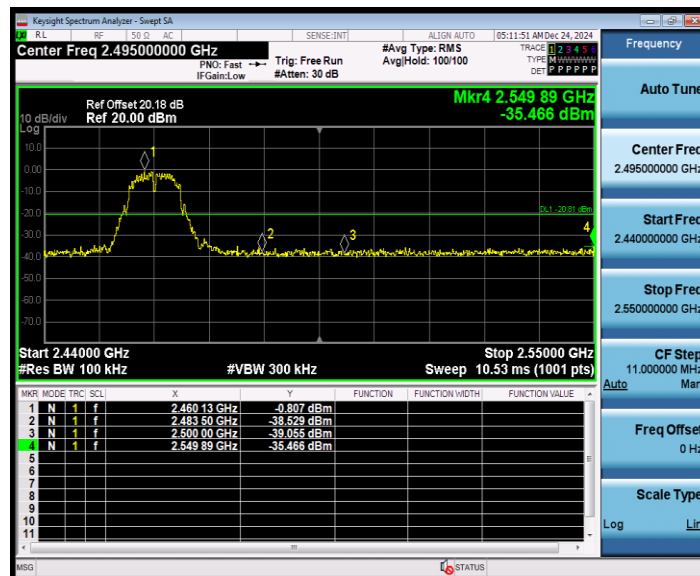


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TEST GRAPHS

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

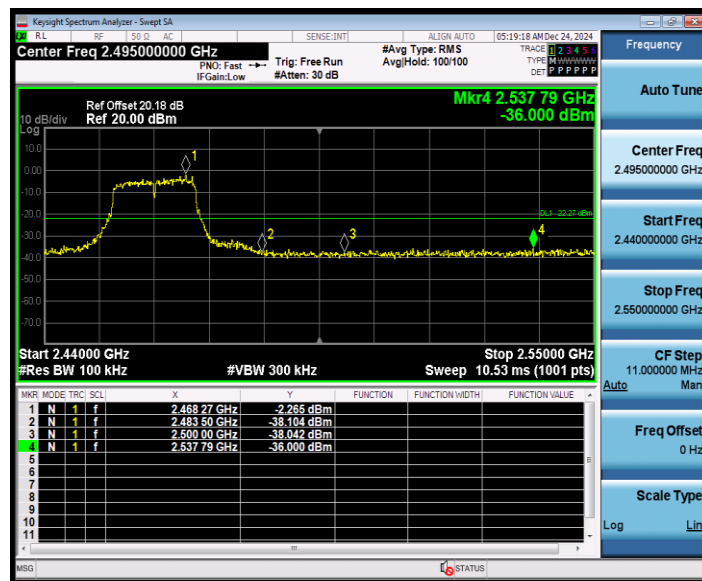


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11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

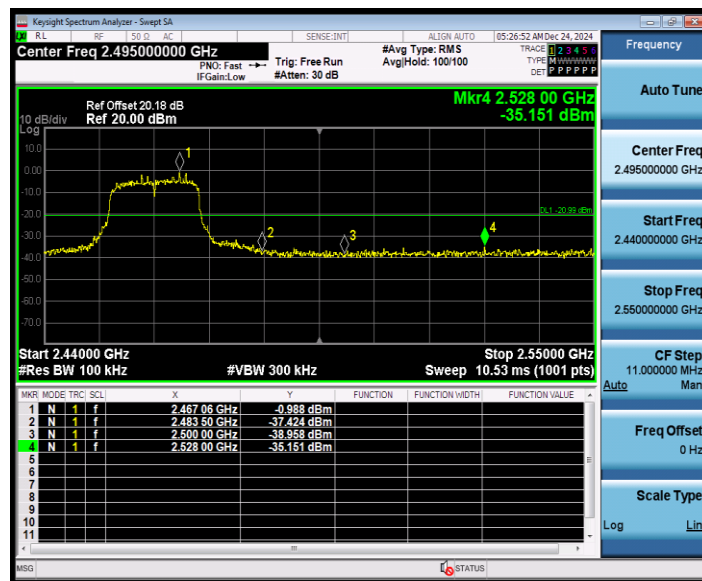


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11N20SISO_Ant1_High_2462



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**APPENDIX G: CONDUCTED SPURIOUS EMISSION****TEST RESULT**

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	-0.52	-0.52	---	PASS
			30~1000	-0.52	-54.18	≤-20.52	PASS
			1000~26500	-0.52	-35.5	≤-20.52	PASS
		2437	Reference	-1.96	-1.96	---	PASS
			30~1000	-1.96	-54.95	≤-21.96	PASS
			1000~26500	-1.96	-34.49	≤-21.96	PASS
		2462	Reference	-1.03	-1.03	---	PASS
			30~1000	-1.03	-54.47	≤-21.03	PASS
			1000~26500	-1.03	-35.44	≤-21.03	PASS
11G	Ant1	2412	Reference	-2.41	-2.41	---	PASS
			30~1000	-2.41	-54.04	≤-22.41	PASS
			1000~26500	-2.41	-35.27	≤-22.41	PASS
		2437	Reference	-0.66	-0.66	---	PASS
			30~1000	-0.66	-55.1	≤-20.66	PASS
			1000~26500	-0.66	-36.16	≤-20.66	PASS
		2462	Reference	-2.27	-2.27	---	PASS
			30~1000	-2.27	-42.01	≤-22.27	PASS
			1000~26500	-2.27	-35.28	≤-22.27	PASS
11N20SISO	Ant1	2412	Reference	-2.38	-2.38	---	PASS
			30~1000	-2.38	-46.47	≤-22.38	PASS
			1000~26500	-2.38	-35.41	≤-22.38	PASS
		2437	Reference	-5.17	-5.17	---	PASS
			30~1000	-5.17	-44.83	≤-25.17	PASS
			1000~26500	-5.17	-35.65	≤-25.17	PASS
		2462	Reference	-4.70	-4.70	---	PASS
			30~1000	-4.70	-45.03	≤-24.7	PASS
			1000~26500	-4.70	-35.9	≤-24.7	PASS

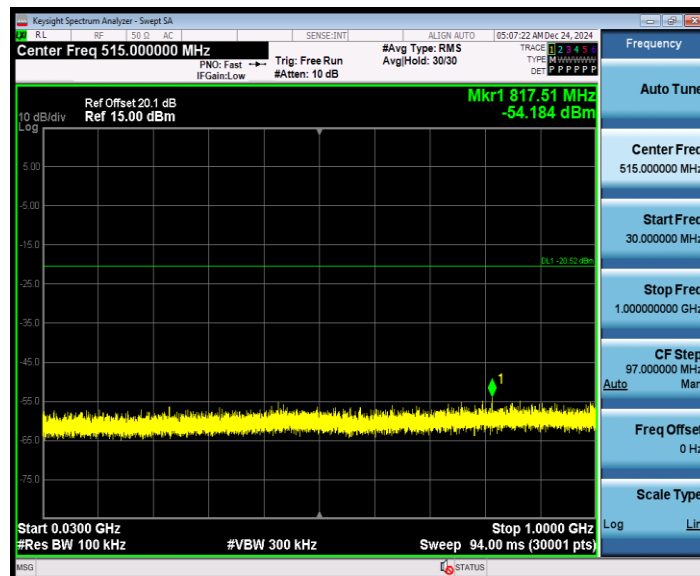


BUREAU VERITAS Test Report No.: W7L-241112W001RF02
TEST GRAPHS

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000

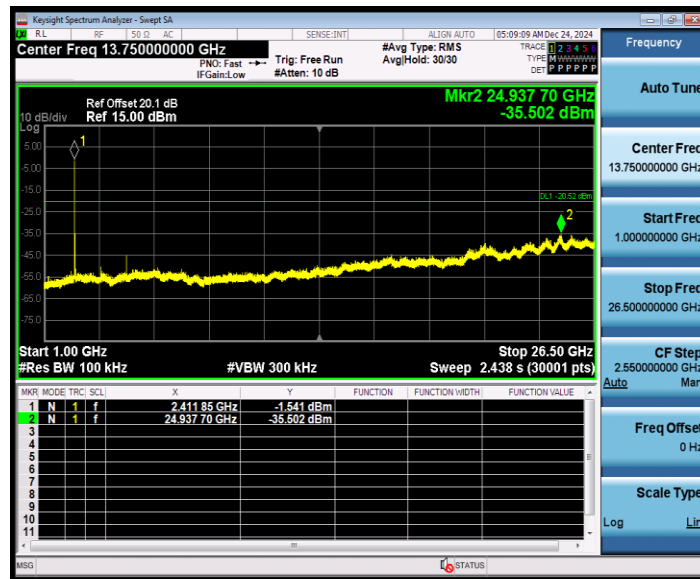


11B_Ant1_2412_1000~26500



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Test Report No.: W7L-241112W001RF02



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



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Test Report No.: W7L-241112W001RF02



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference

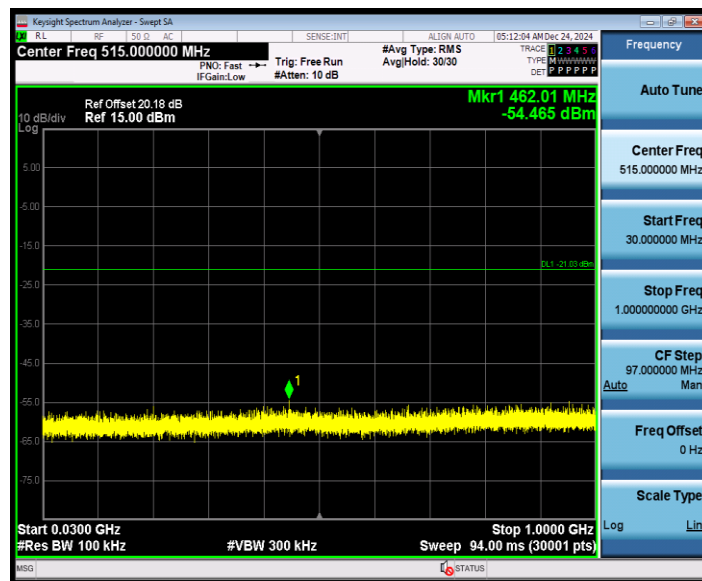


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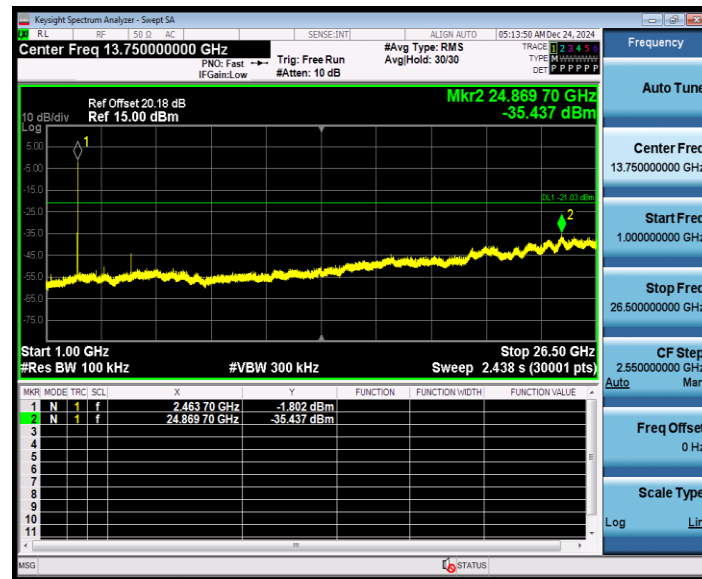
Test Report No.: W7L-241112W001RF02



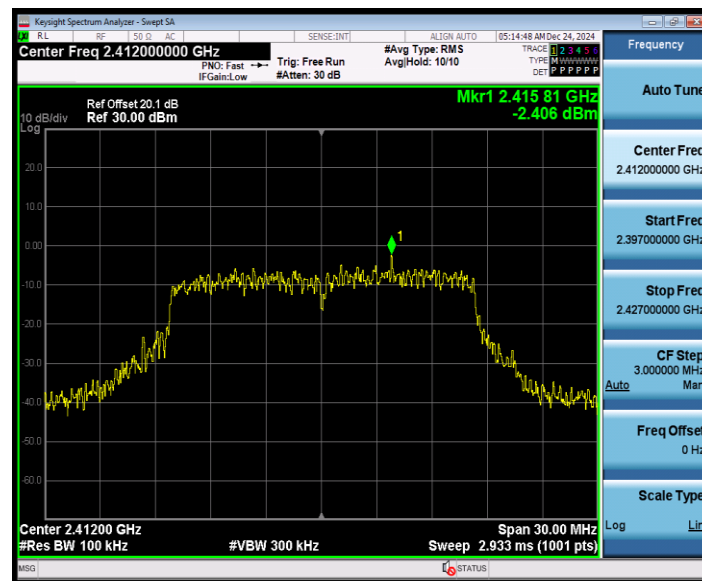
11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference

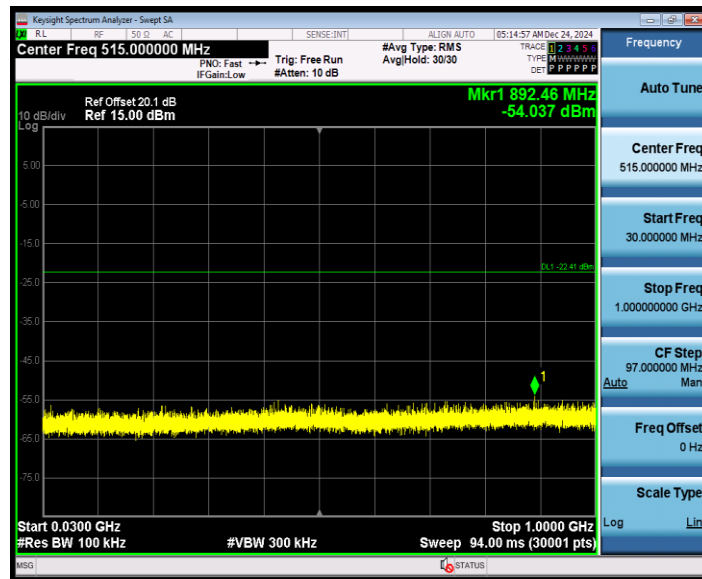


11G_Ant1_2412_30~1000



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Test Report No.: W7L-241112W001RF02



11G_Ant1_2412_1000~26500

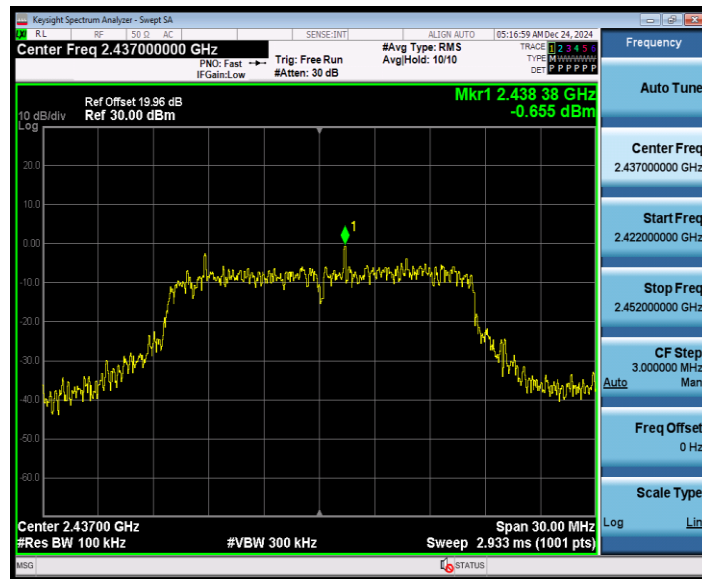


11G_Ant1_2437_0~Reference

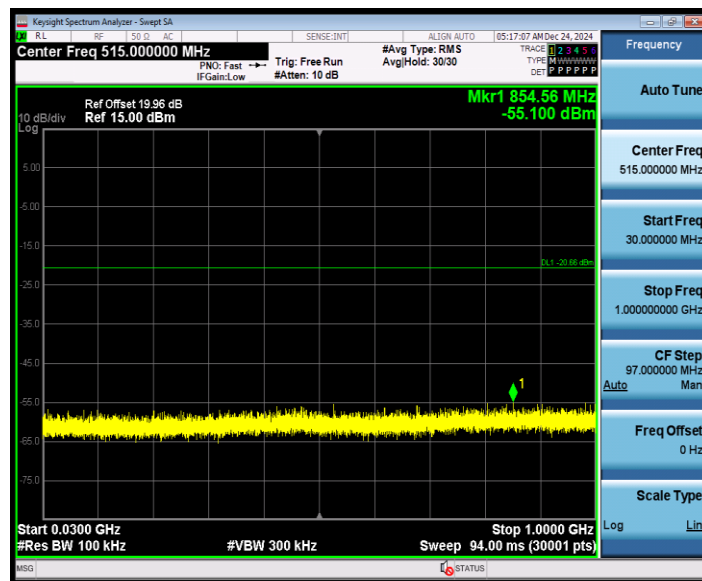


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Test Report No.: W7L-241112W001RF02



11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

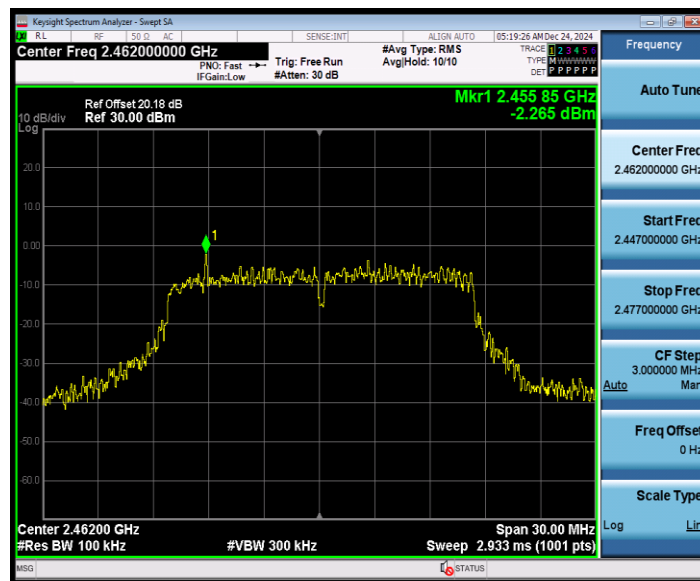


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Test Report No.: W7L-241112W001RF02



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



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VERITAS

Test Report No.: W7L-241112W001RF02



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference

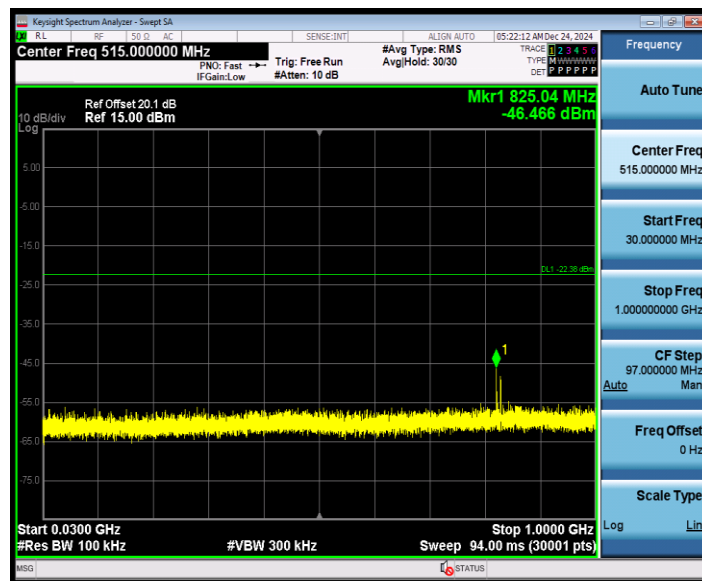


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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500





BUREAU
VERITAS

Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference

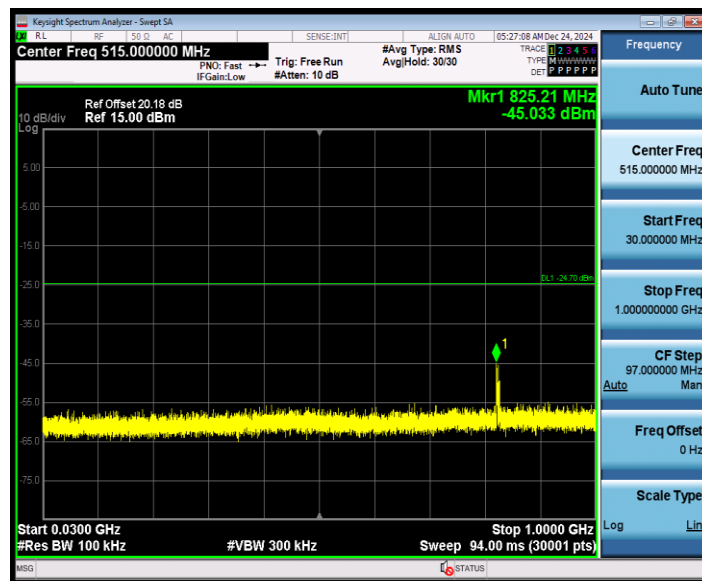


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Test Report No.: W7L-241112W001RF02



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



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Test Report No.: W7L-241112W001RF02



**DUTY CYCLE****TEST RESULT**

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Verdict
11B	Ant1	2412	12.15	12.35	98.38	---
		2442	12.10	12.30	98.37	---
		2472	12.10	12.30	98.37	---
11G	Ant1	2412	2.02	2.06	98.06	---
		2442	2.02	2.06	98.06	---
		2472	2.02	2.06	98.06	---
11N20SISO	Ant1	2412	1.69	1.73	97.69	---
		2442	1.69	1.73	97.69	---
		2472	1.68	1.72	97.67	---

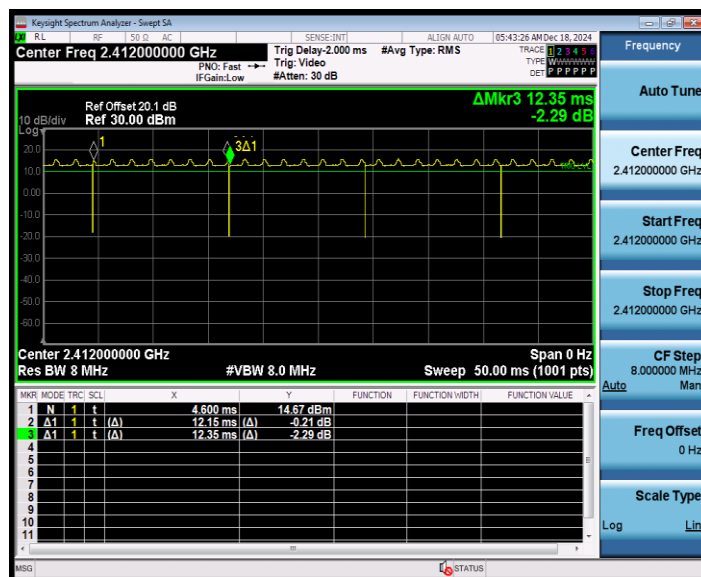


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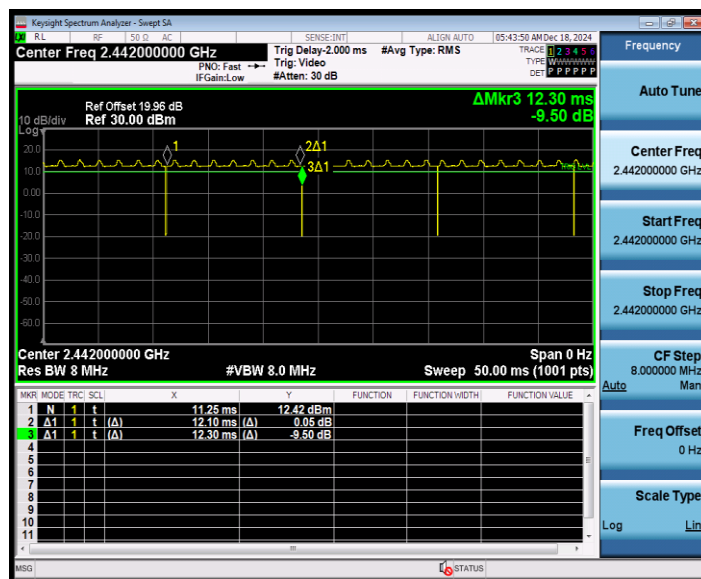
Test Report No.: W7L-241112W001RF02

TEST GRAPHS

NTNV_11B_Ant1_2412



NTNV_11B_Ant1_2442

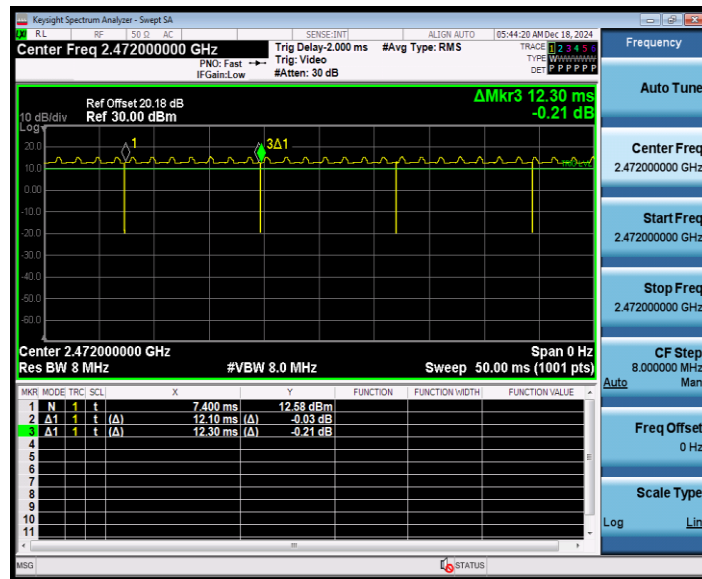


NTNV_11B_Ant1_2472

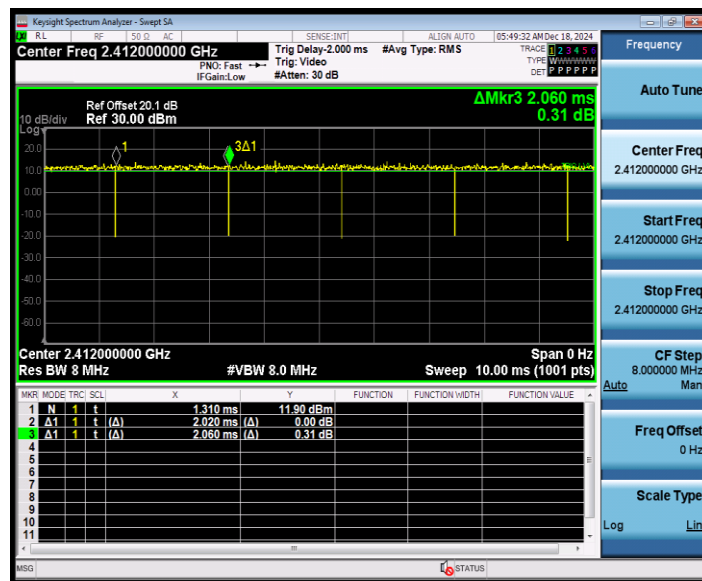


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Test Report No.: W7L-241112W001RF02



NTNV_11G_Ant1_2412

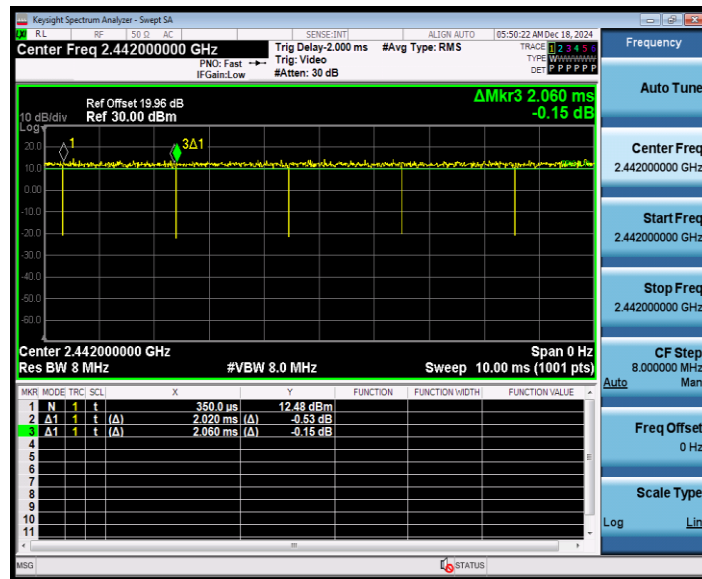


NTNV_11G_Ant1_2442

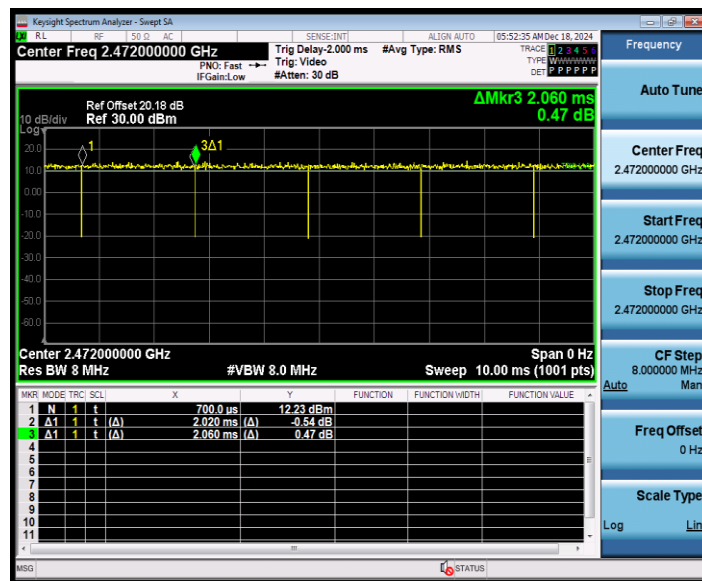


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NTNV_11G_Ant1_2472



NTNV_11N20SISO_Ant1_2412

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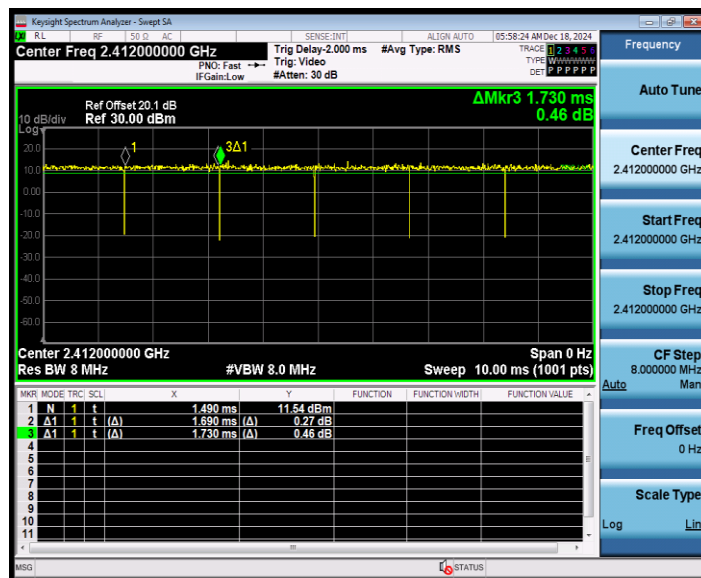
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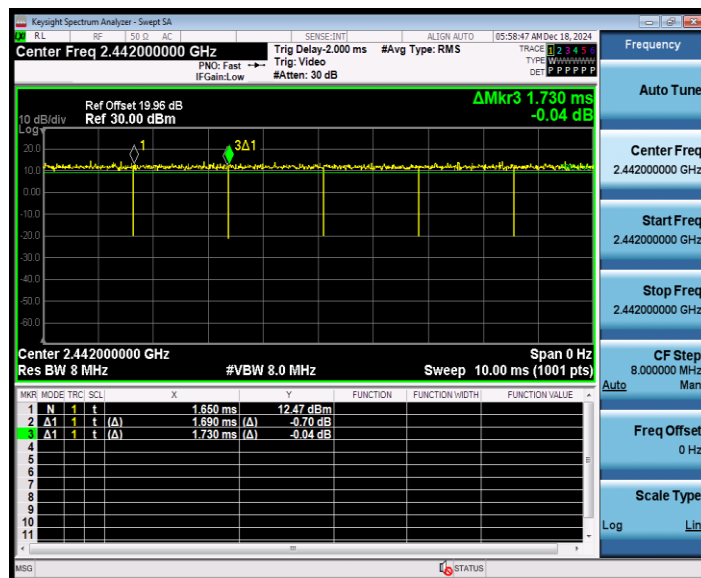


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Test Report No.: W7L-241112W001RF02



NTNV_11N20SISO_Ant1_2442

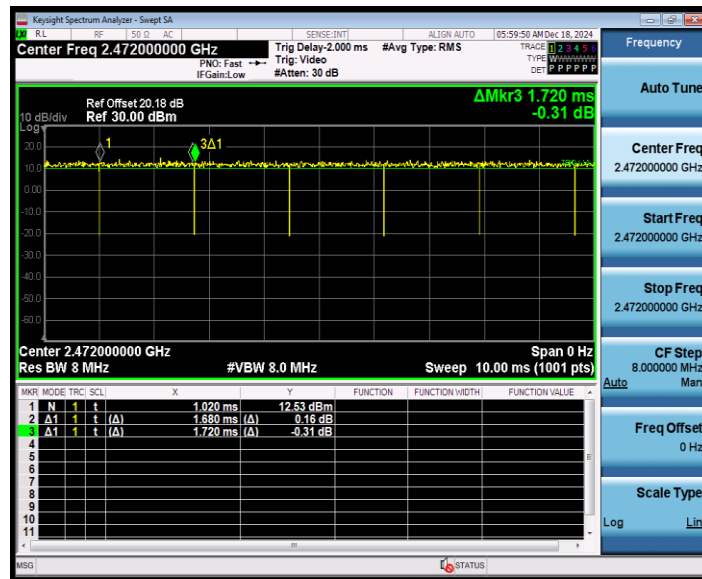


NTNV_11N20SISO_Ant1_2472



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VERITAS

Test Report No.: W7L-241112W001RF02





7 APPENDIX 2 BLE RIGHT

DTS BANDWIDTH

TEST RESULT

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.224	2401.404	2402.628	0.5	PASS
		2440	1.216	2439.404	2440.620	0.5	PASS
		2480	1.216	2479.404	2480.620	0.5	PASS
BLE_2M	Ant1	2404	1.716	2403.160	2404.876	0.5	PASS
		2440	1.724	2439.156	2440.880	0.5	PASS
		2478	1.724	2477.156	2478.880	0.5	PASS



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TEST GRAPHS

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480

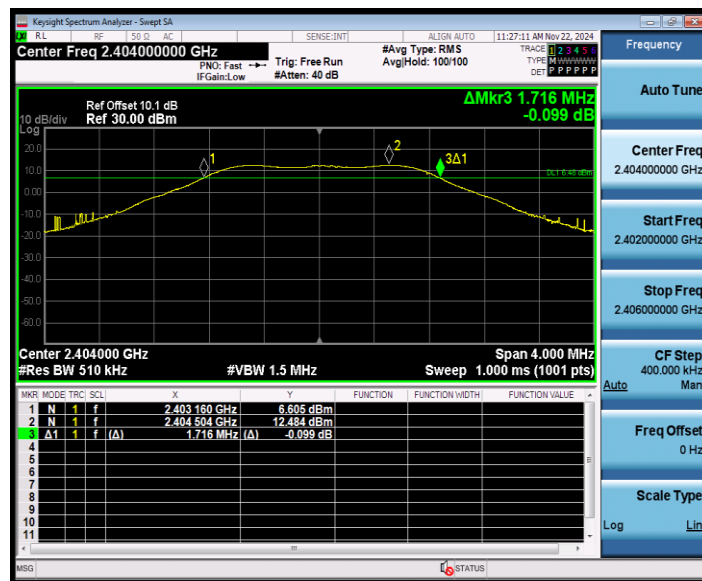


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BLE_2M_Ant1_2404



BLE_2M_Ant1_2440

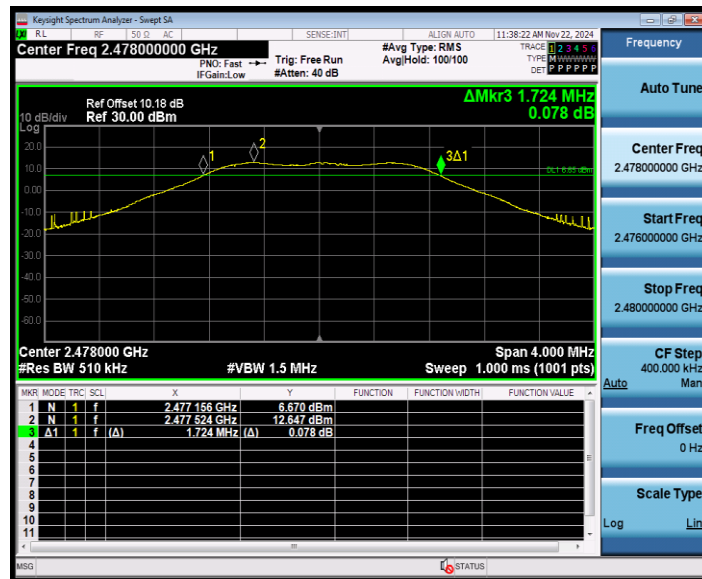


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BLE_2M_Ant1_2478





Test Report No.: W7L-241112W001RF02

OCCUPIED CHANNEL BANDWIDTH

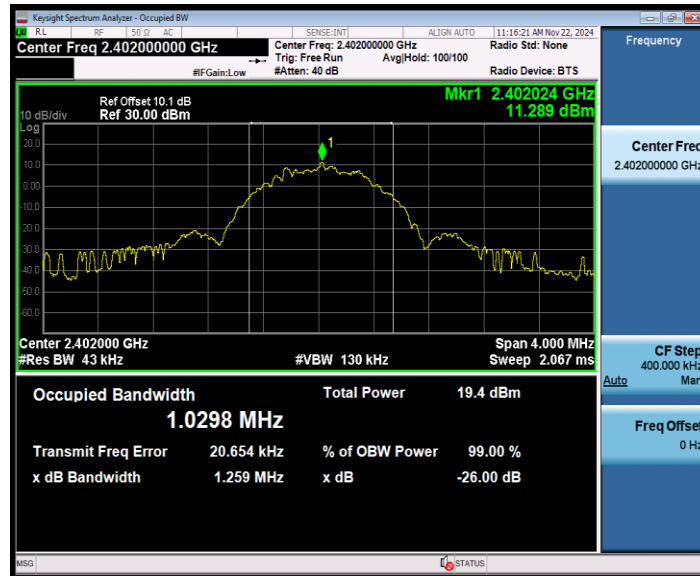
TEST RESULT

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0298	2401.5058	2402.5356	---	---
		2440	1.0365	2439.5031	2440.5396	---	---
		2480	1.0297	2479.5072	2480.5369	---	---
BLE_2M	Ant1	2404	2.0682	2403.0027	2405.0709	---	---
		2440	2.0430	2439.0179	2441.0609	---	---
		2478	2.0738	2477.0011	2479.0749	---	---

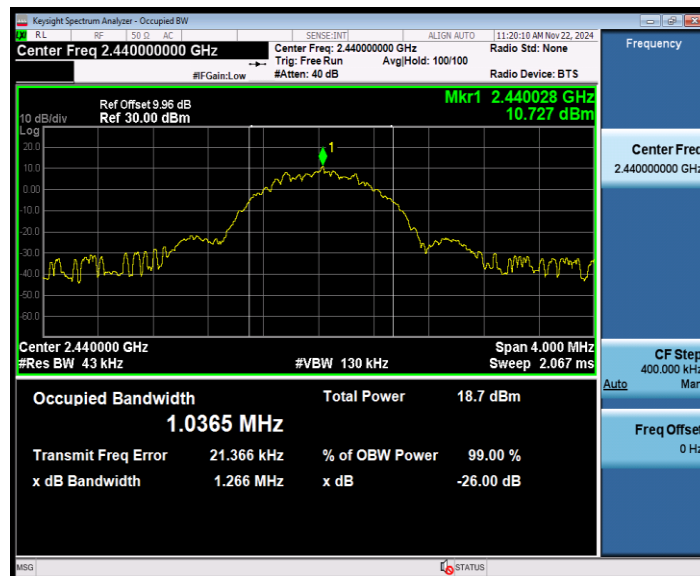


BUREAU VERITAS Test Report No.: W7L-241112W001RF02
TEST GRAPHS

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480