

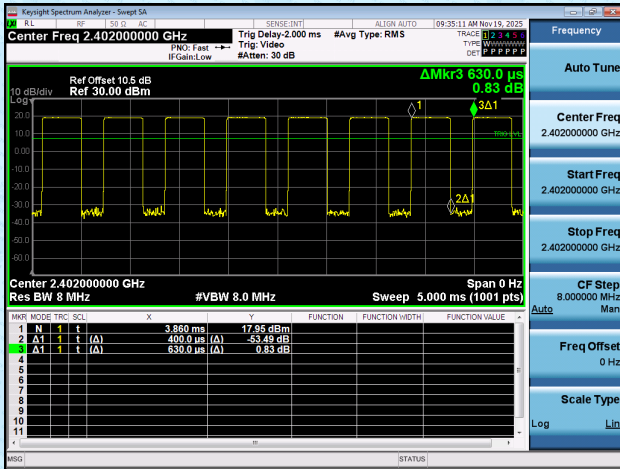
Duty Cycle

Test Result and Data

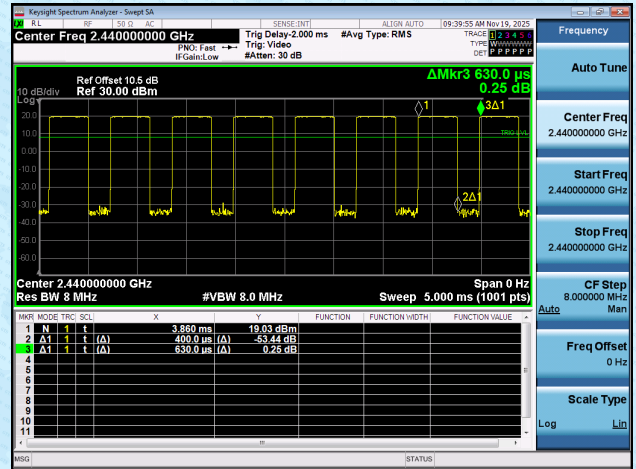
Test Mode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	DC Factor
BLE_1M	Ant7	2402	0.40	0.63	63.49	1.97
BLE_1M	Ant7	2440	0.40	0.63	63.49	1.97
BLE_1M	Ant7	2480	0.39	0.62	62.90	2.01
BLE_2M	Ant7	2402	0.21	0.62	33.87	4.70
BLE_2M	Ant7	2440	0.21	0.62	33.87	4.70
BLE_2M	Ant7	2480	0.21	0.62	33.87	4.70

Test Graphs

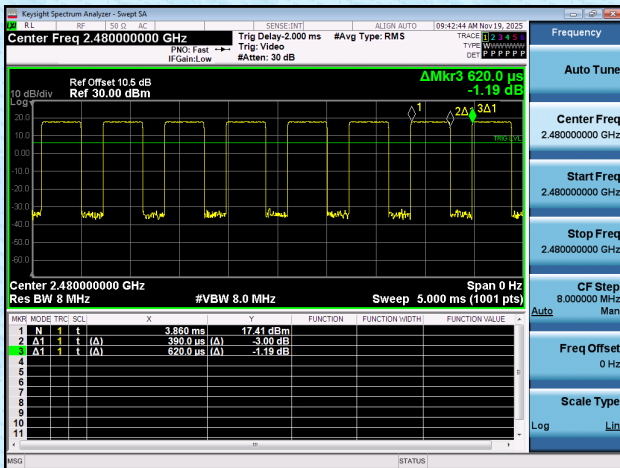
NTNV-BLE_1M-Ant7-2402



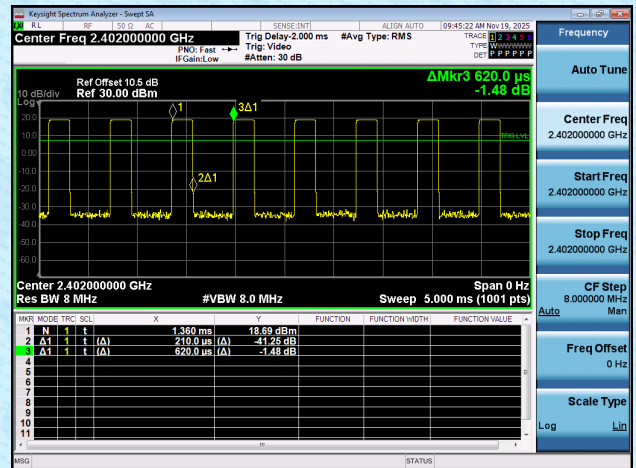
NTNV-BLE_1M-Ant7-2440



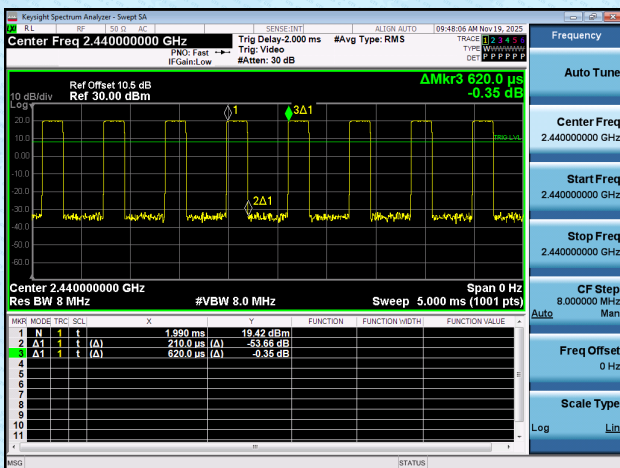
NTNV-BLE_1M-Ant7-2480



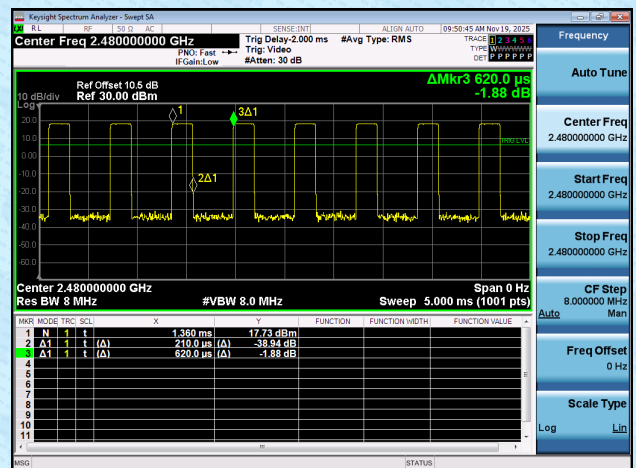
NTNV-BLE_2M-Ant7-2402



NTNV-BLE_2M-Ant7-2440



NTNV-BLE_2M-Ant7-2480

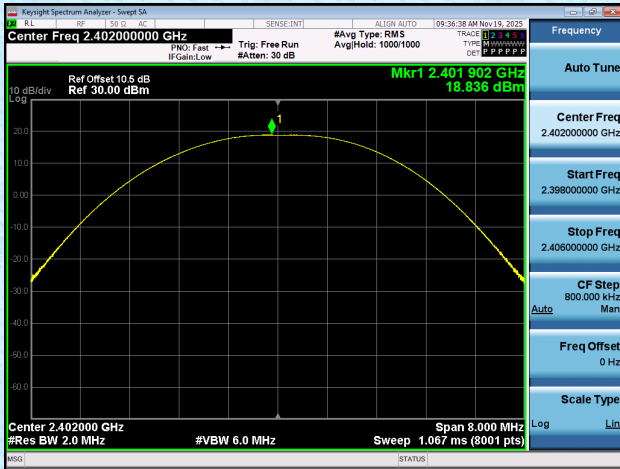


Maximum Conducted Output Power**Test Result and Data**

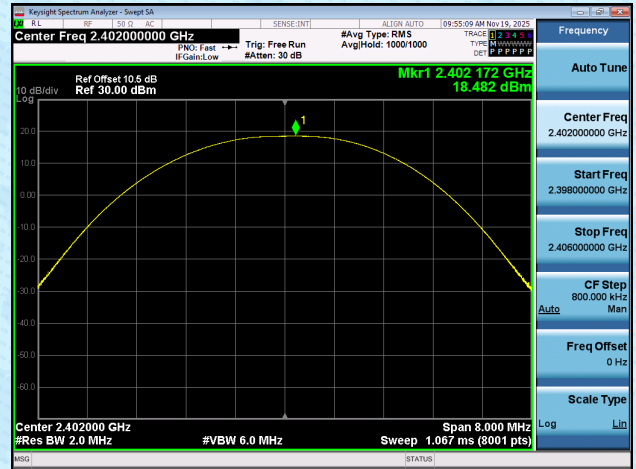
Test Mode	Antenna	Frequency [MHz]	Peak Output Power [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant7	2402	18.84	≤30	PASS
BLE_1M	Ant6	2402	18.48	≤30	PASS
BLE_1M	Ant7	2440	19.39	≤30	PASS
BLE_1M	Ant6	2440	19.36	≤30	PASS
BLE_1M	Ant7	2480	17.93	≤30	PASS
BLE_1M	Ant6	2480	17.54	≤30	PASS
BLE_2M	Ant7	2402	18.71	≤30	PASS
BLE_2M	Ant6	2402	18.35	≤30	PASS
BLE_2M	Ant7	2440	19.43	≤30	PASS
BLE_2M	Ant6	2440	19.28	≤30	PASS
BLE_2M	Ant7	2480	17.78	≤30	PASS
BLE_2M	Ant6	2480	17.43	≤30	PASS

Test Graphs

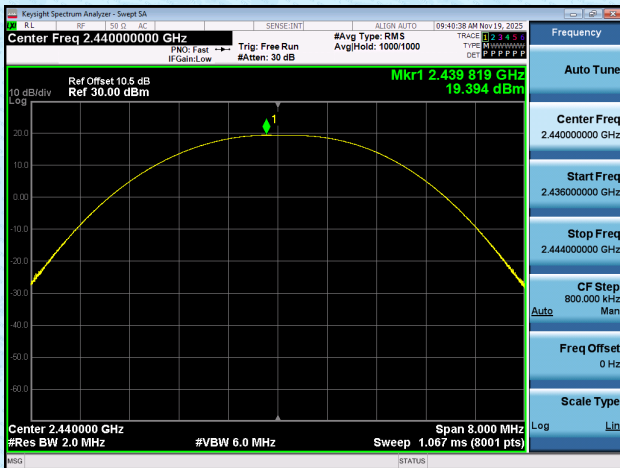
BLE_1M-Ant7-2402-PASS



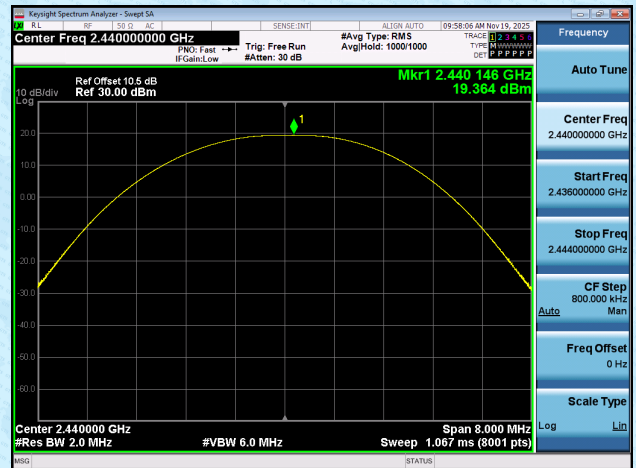
BLE_1M-Ant6-2402-PASS



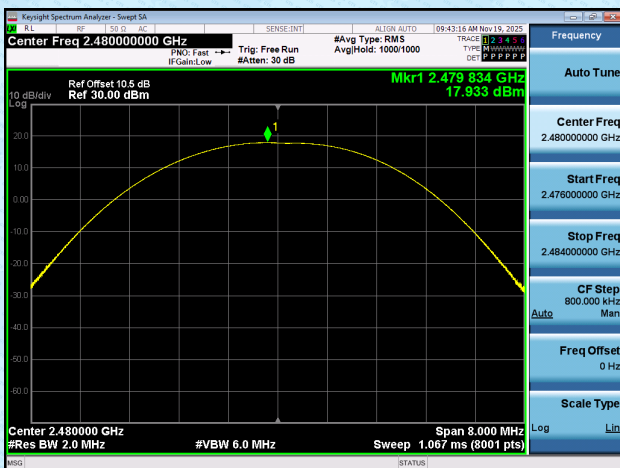
BLE_1M-Ant7-2440-PASS



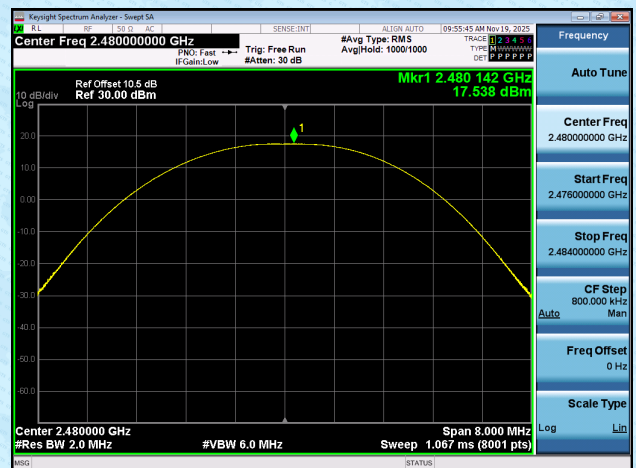
BLE_1M-Ant6-2440-PASS



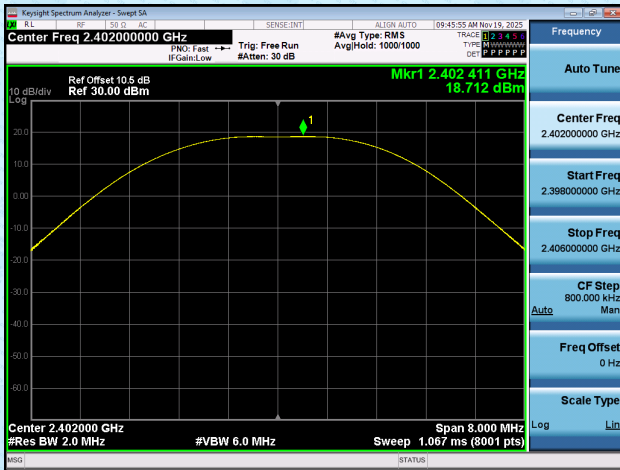
BLE_1M-Ant7-2480-PASS



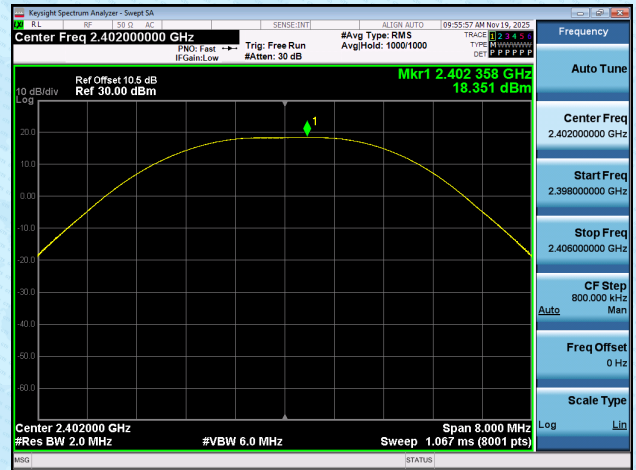
BLE_1M-Ant6-2480-PASS



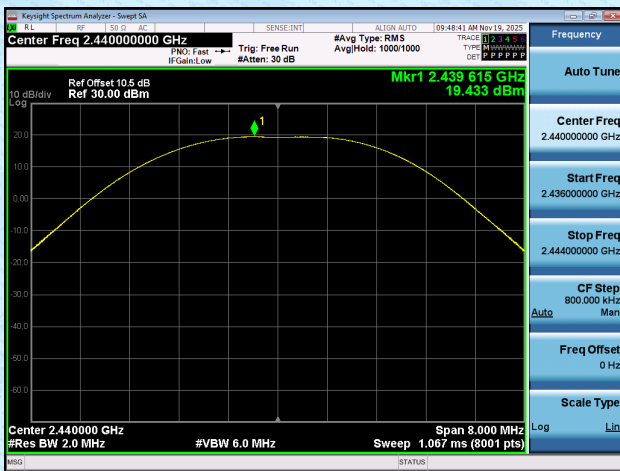
BLE_2M-Ant7-2402-PASS



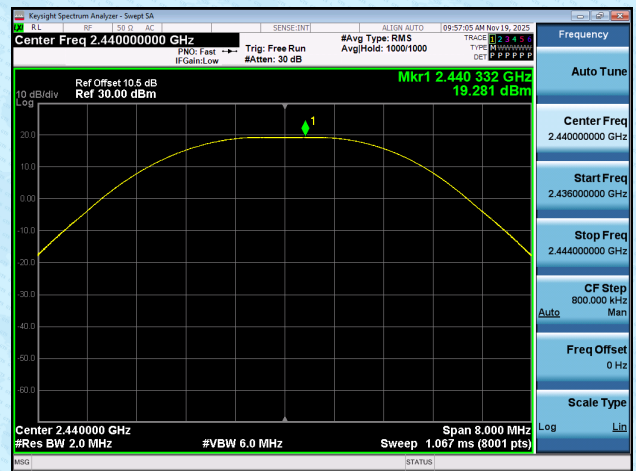
BLE_2M-Ant6-2402-PASS



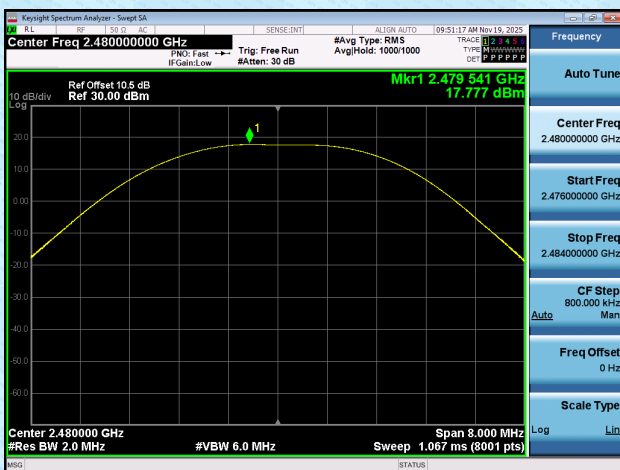
BLE_2M-Ant7-2440-PASS



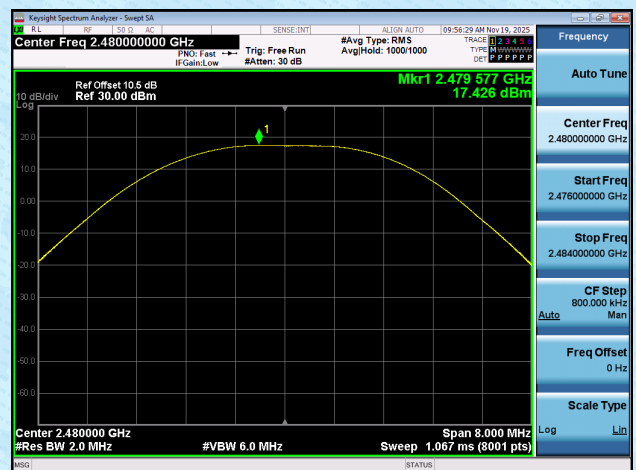
BLE_2M-Ant6-2440-PASS



BLE_2M-Ant7-2480-PASS



BLE_2M-Ant6-2480-PASS



6dB Bandwidth**Test Result and Data**

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant7	2402	0.672	0.5	PASS
BLE_1M	Ant7	2440	0.681	0.5	PASS
BLE_1M	Ant7	2480	0.678	0.5	PASS
BLE_2M	Ant7	2402	1.165	0.5	PASS
BLE_2M	Ant7	2440	1.170	0.5	PASS
BLE_2M	Ant7	2480	1.160	0.5	PASS

Test Graphs

BLE_1M-Ant7-2402-PASS



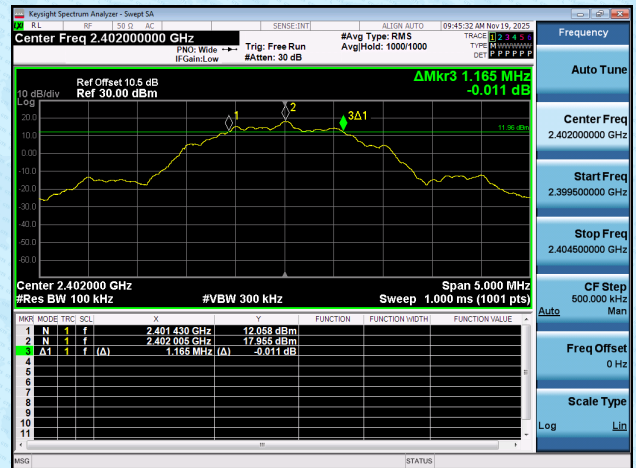
BLE_1M-Ant7-2440-PASS



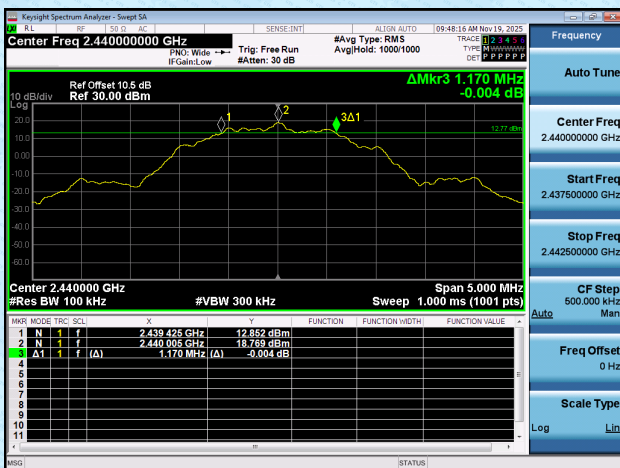
BLE_1M-Ant7-2480-PASS



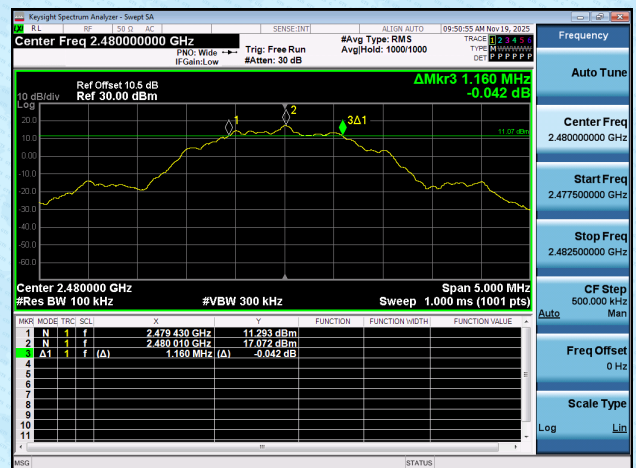
BLE_2M-Ant7-2402-PASS



BLE_2M-Ant7-2440-PASS



BLE_2M-Ant7-2480-PASS

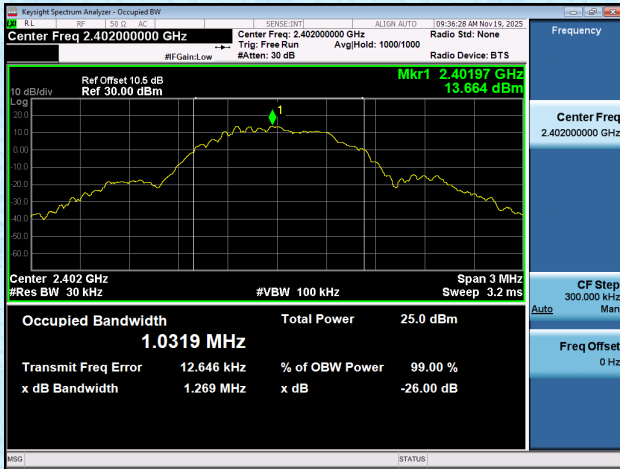


99% Occupied Bandwidth**Test Result and Data**

Test Mode	Antenna	Frequency [MHz]	99% OBW [MHz]	Limit [MHz]	Verdict
BLE_1M	Ant7	2402	1.0319	---	---
BLE_1M	Ant7	2440	1.0329	---	---
BLE_1M	Ant7	2480	1.0339	---	---
BLE_2M	Ant7	2402	2.0461	---	---
BLE_2M	Ant7	2440	2.0479	---	---
BLE_2M	Ant7	2480	2.0487	---	---

Test Graphs

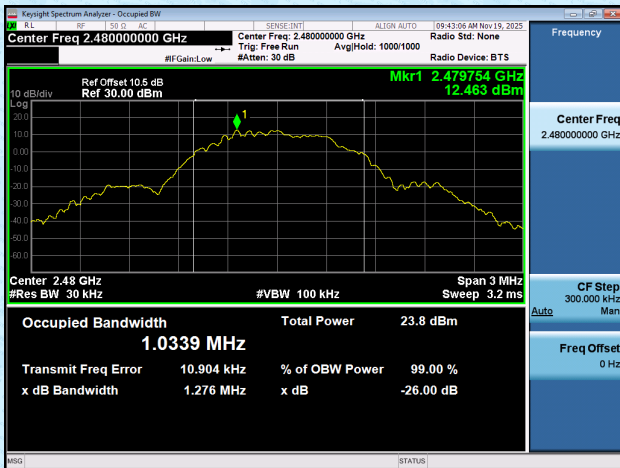
BLE_1M-Ant7-2402



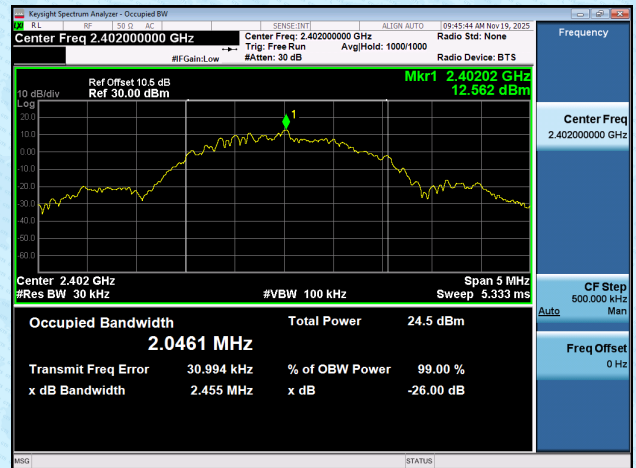
BLE_1M-Ant7-2440



BLE_1M-Ant7-2480



BLE_2M-Ant7-2402



BLE_2M-Ant7-2440



BLE_2M-Ant7-2480



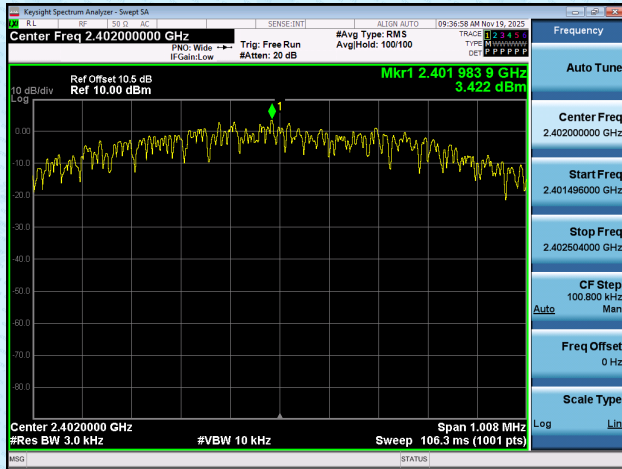
Power Spectral Density

Test Result and Data

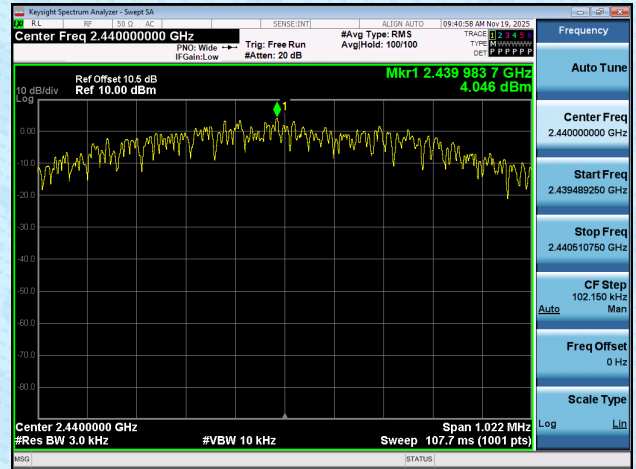
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
BLE_1M	Ant7	2402	3.42	≤8.00	PASS
BLE_1M	Ant7	2440	4.05	≤8.00	PASS
BLE_1M	Ant7	2480	2.53	≤8.00	PASS
BLE_2M	Ant7	2402	1.42	≤8.00	PASS
BLE_2M	Ant7	2440	2.18	≤8.00	PASS
BLE_2M	Ant7	2480	0.49	≤8.00	PASS

Test Graphs

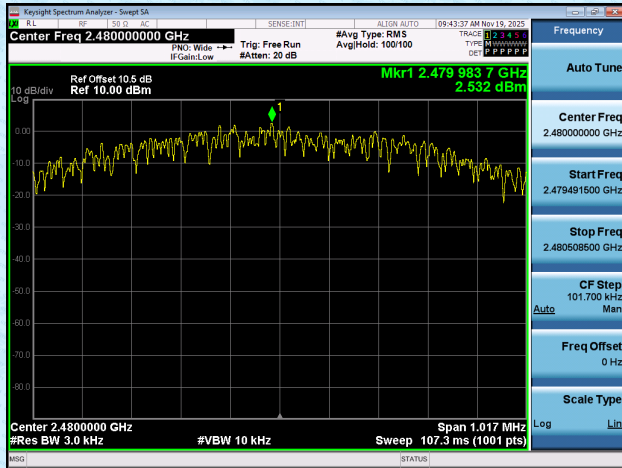
BLE_1M-Ant7-2402-PASS



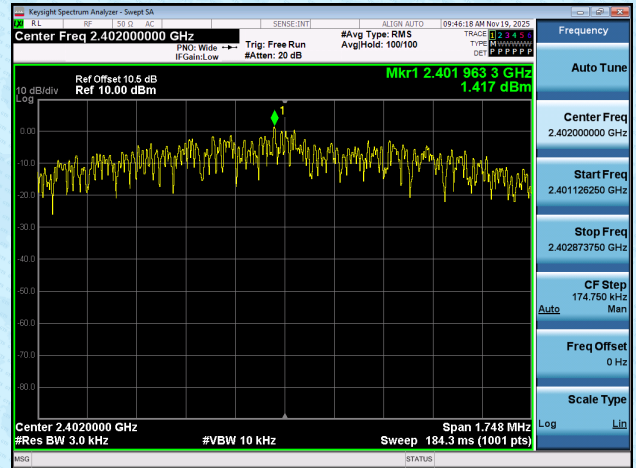
BLE_1M-Ant7-2440-PASS



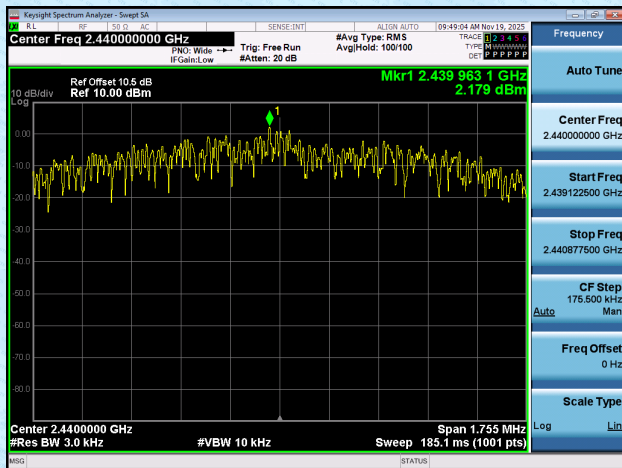
BLE_1M-Ant7-2480-PASS



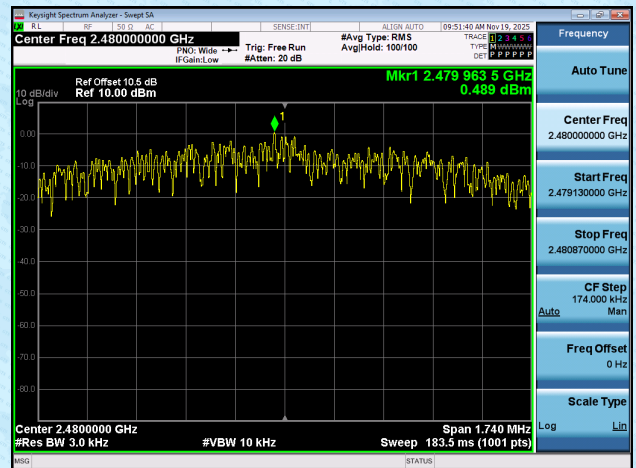
BLE_2M-Ant7-2402-PASS



BLE_2M-Ant7-2440-PASS



BLE_2M-Ant7-2480-PASS

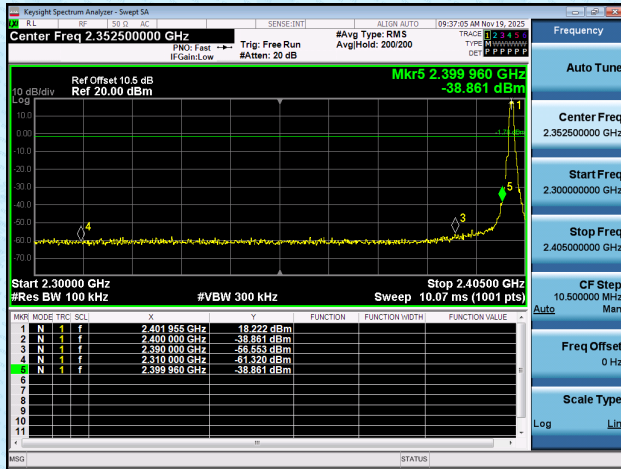


Conducted Band Edges**Test Result and Data**

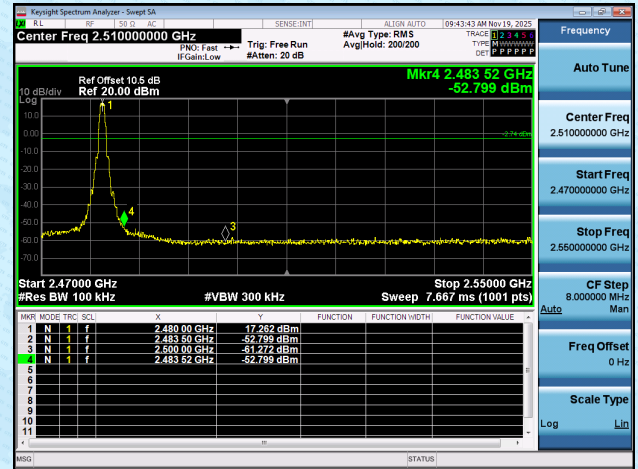
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant7	Low	2402	18.22	-38.86	≤ -1.78	PASS
BLE_1M	Ant7	High	2480	17.26	-52.8	≤ -2.74	PASS
BLE_2M	Ant7	Low	2402	17.76	-16	≤ -2.24	PASS
BLE_2M	Ant7	High	2480	16.80	-40.77	≤ -3.2	PASS

Test Graphs

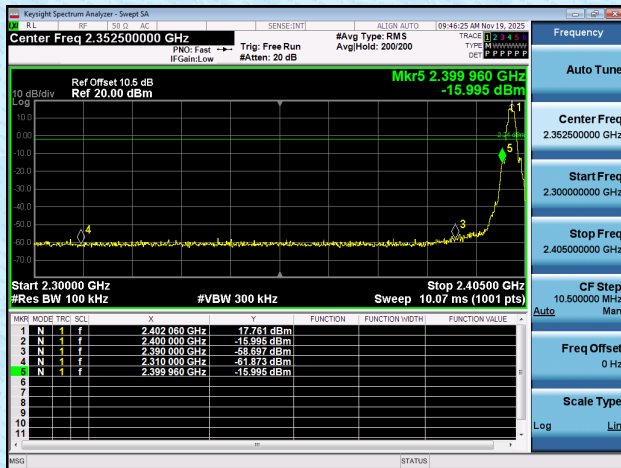
BLE_1M-Ant7-2402-PASS



BLE_1M-Ant7-2480-PASS



BLE_2M-Ant7-2402-PASS



BLE_2M-Ant7-2480-PASS

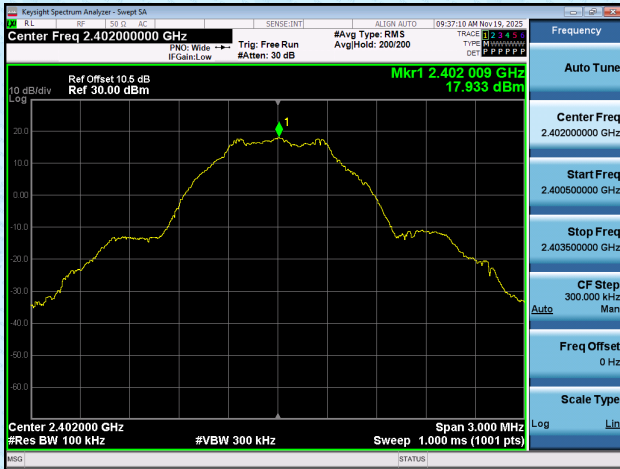


Conducted Spurious Emissions**Test Result and Data**

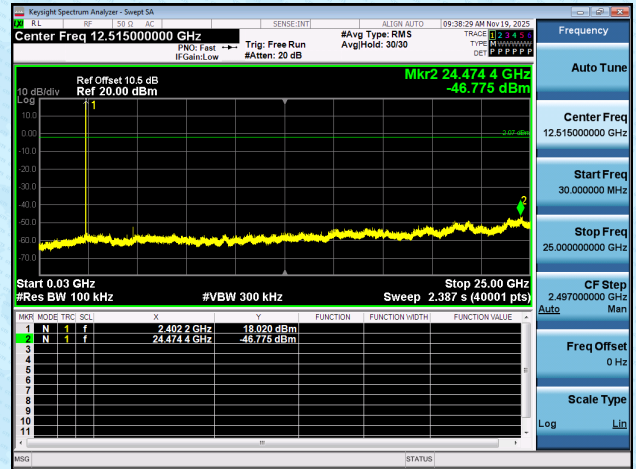
Test Mode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant7	2402	0~Reference	17.93	17.93	---	PASS
BLE_1M	Ant7	2402	30~25000	17.93	-46.78	≤ -2.07	PASS
BLE_1M	Ant7	2440	0~Reference	18.52	18.52	---	PASS
BLE_1M	Ant7	2440	30~25000	18.52	-46.68	≤ -1.48	PASS
BLE_1M	Ant7	2480	0~Reference	16.97	16.97	---	PASS
BLE_1M	Ant7	2480	30~25000	16.97	-46.4	≤ -3.03	PASS
BLE_2M	Ant7	2402	0~Reference	17.96	17.96	---	PASS
BLE_2M	Ant7	2402	30~25000	17.96	-46.81	≤ -2.04	PASS
BLE_2M	Ant7	2440	0~Reference	18.75	18.75	---	PASS
BLE_2M	Ant7	2440	30~25000	18.75	-45.85	≤ -1.25	PASS
BLE_2M	Ant7	2480	0~Reference	17.04	17.04	---	PASS
BLE_2M	Ant7	2480	30~25000	17.04	-46.94	≤ -2.96	PASS

Test Graphs

BLE_1M-Ant7-2402-0~Reference-PASS



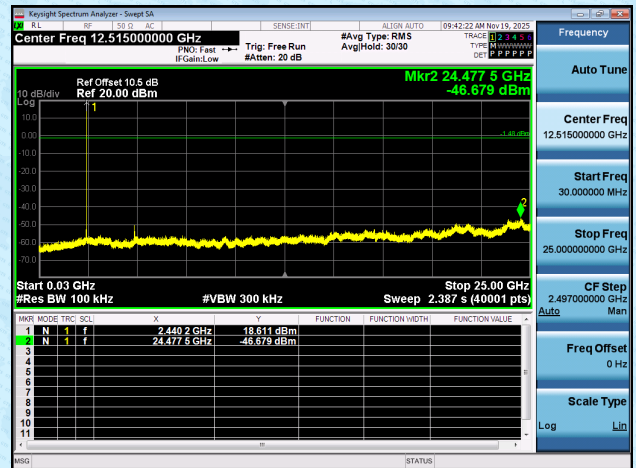
BLE_1M-Ant7-2402-30~25000-PASS



BLE_1M-Ant7-2440-0~Reference-PASS



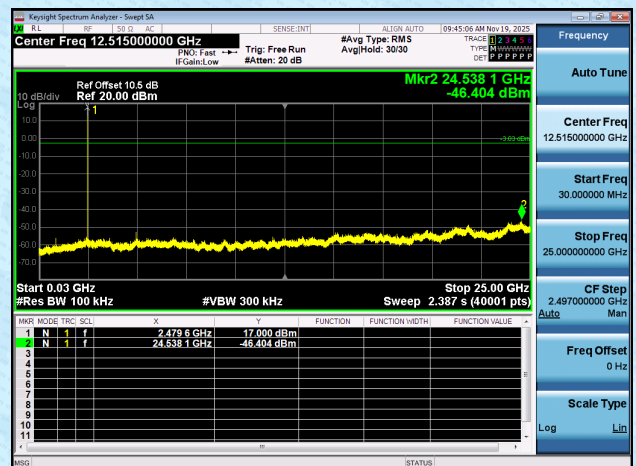
BLE_1M-Ant7-2440-30~25000-PASS



BLE_1M-Ant7-2480-0~Reference-PASS



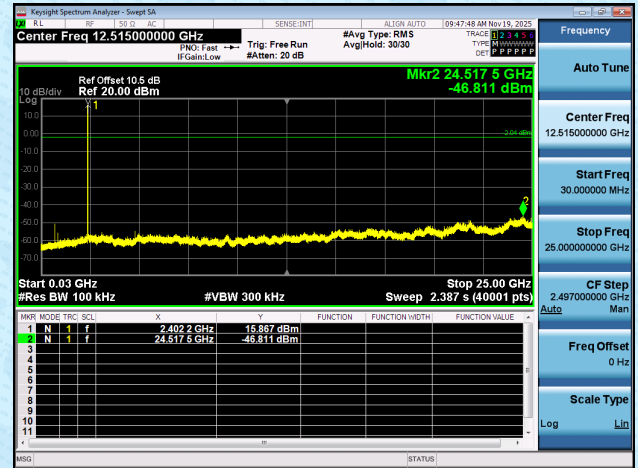
BLE_1M-Ant7-2480-30~25000-PASS



BLE_2M-Ant7-2402-0~Reference-PASS



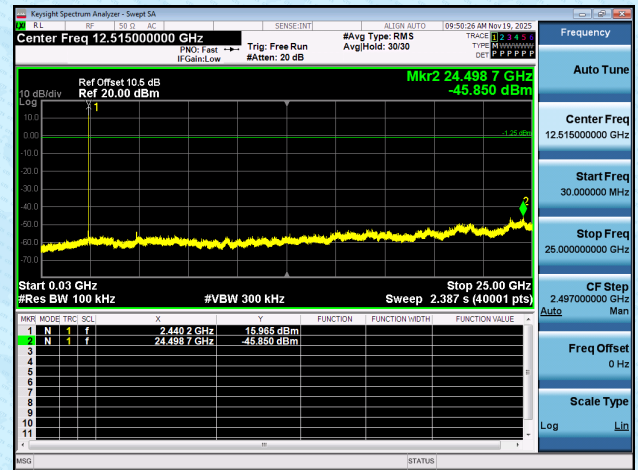
BLE_2M-Ant7-2402-30~25000-PASS



BLE_2M-Ant7-2440-0~Reference-PASS



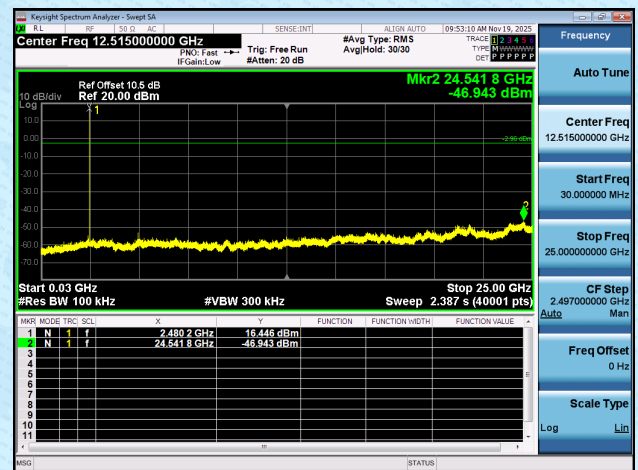
BLE_2M-Ant7-2440-30~25000-PASS



BLE_2M-Ant7-2480-0~Reference-PASS



BLE_2M-Ant7-2480-30~25000-PASS



END OF REPORT