

RF Test Data for Bluetooth LE (Conducted Measurements)

General Description of EUT	
Product Name:	Ipad photo booth
Test Model:	MWEA55
Sample ID:	202303-0238-2-2#
Environmental Conditions	
Temperature:	24℃
Relative Humidity:	56%
Test Voltage:	AC 120V
Test Engineer:	Huang jian ping
Note: For a more detailed features description, please refer to the report TBR-C-202303-0238-5 The report only show the worst case data.	

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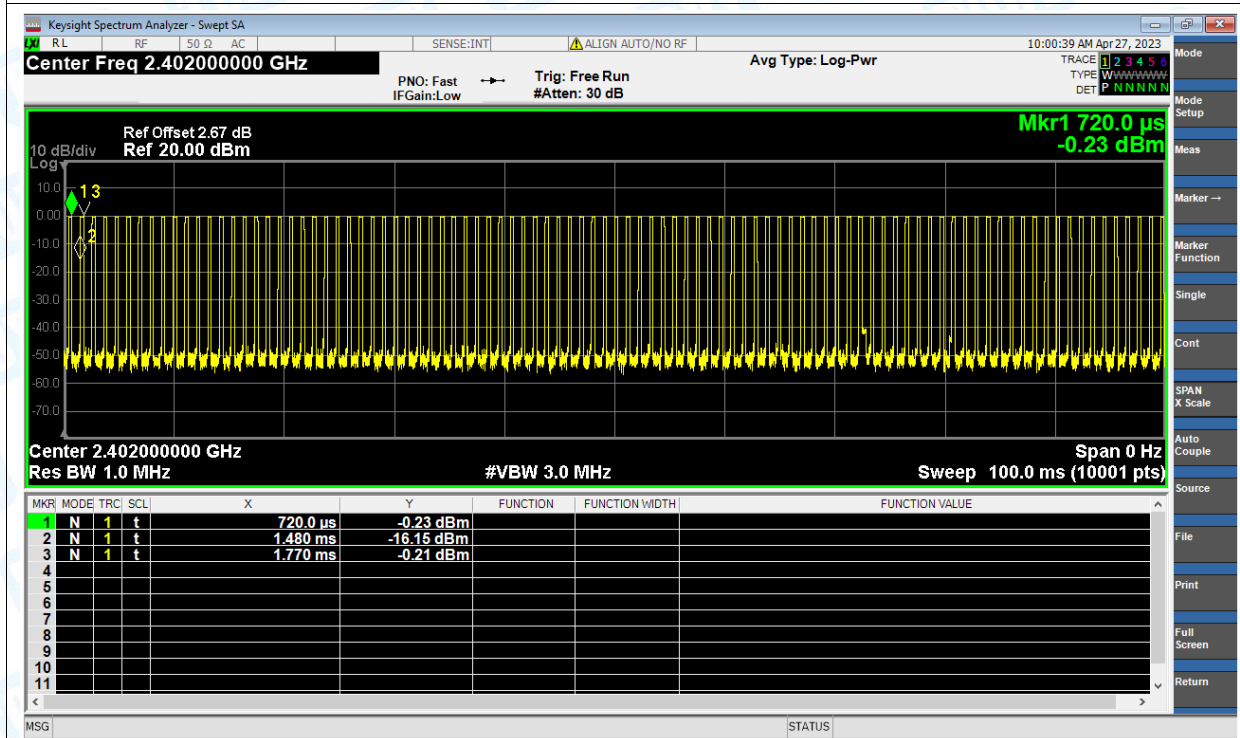
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1. Duty Cycle

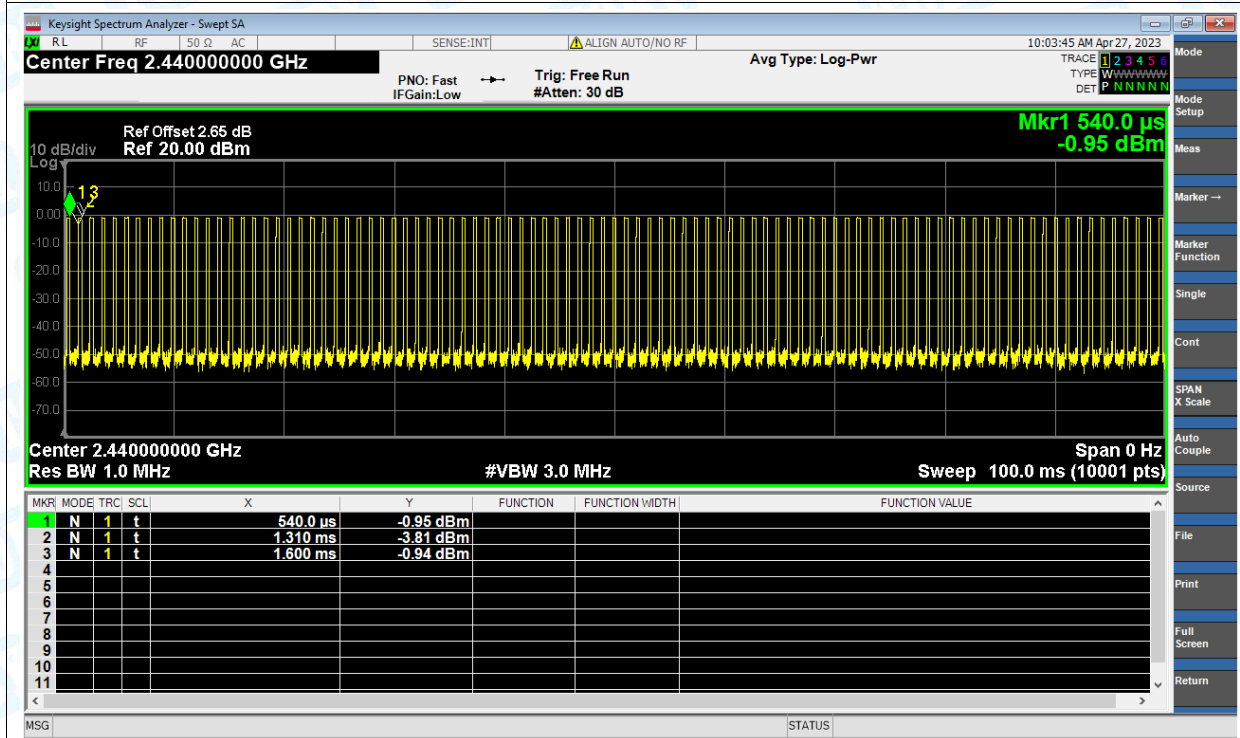
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1Mbps	2402	Ant1	27.62	5.59	3.45
NVNT	BLE 1Mbps	2440	Ant1	27.36	5.63	3.45
NVNT	BLE 1Mbps	2480	Ant1	27.36	5.63	3.45

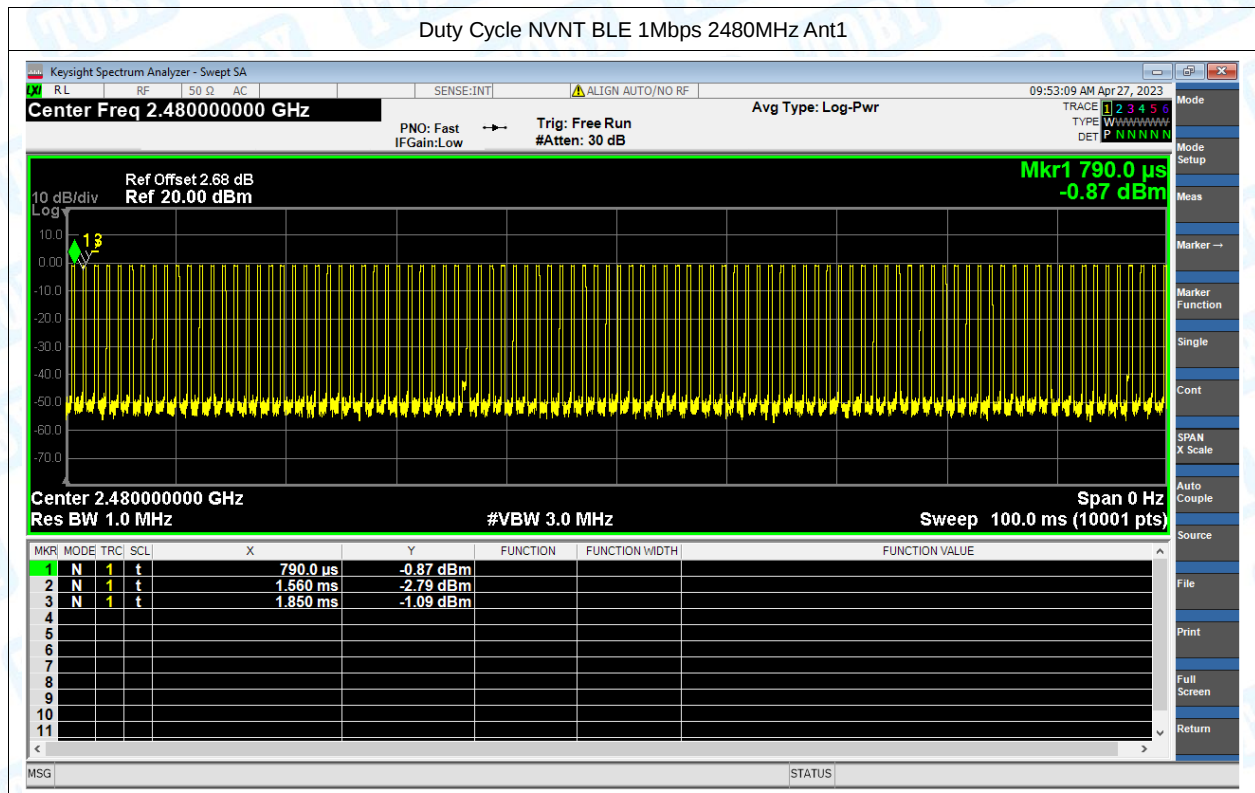
Test Graphs

Duty Cycle NVNT BLE 1Mbps 2402MHz Ant1



Duty Cycle NVNT BLE 1Mbps 2440MHz Ant1



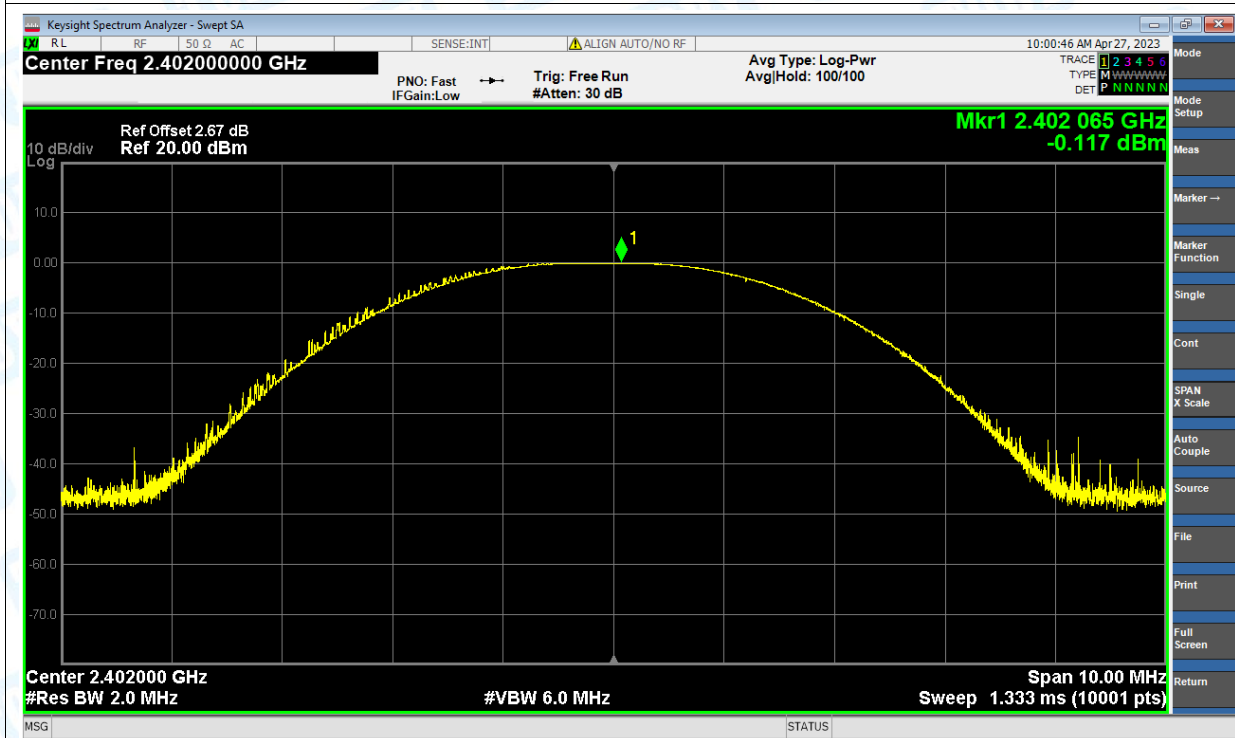


2. Maximum Conducted Output Power

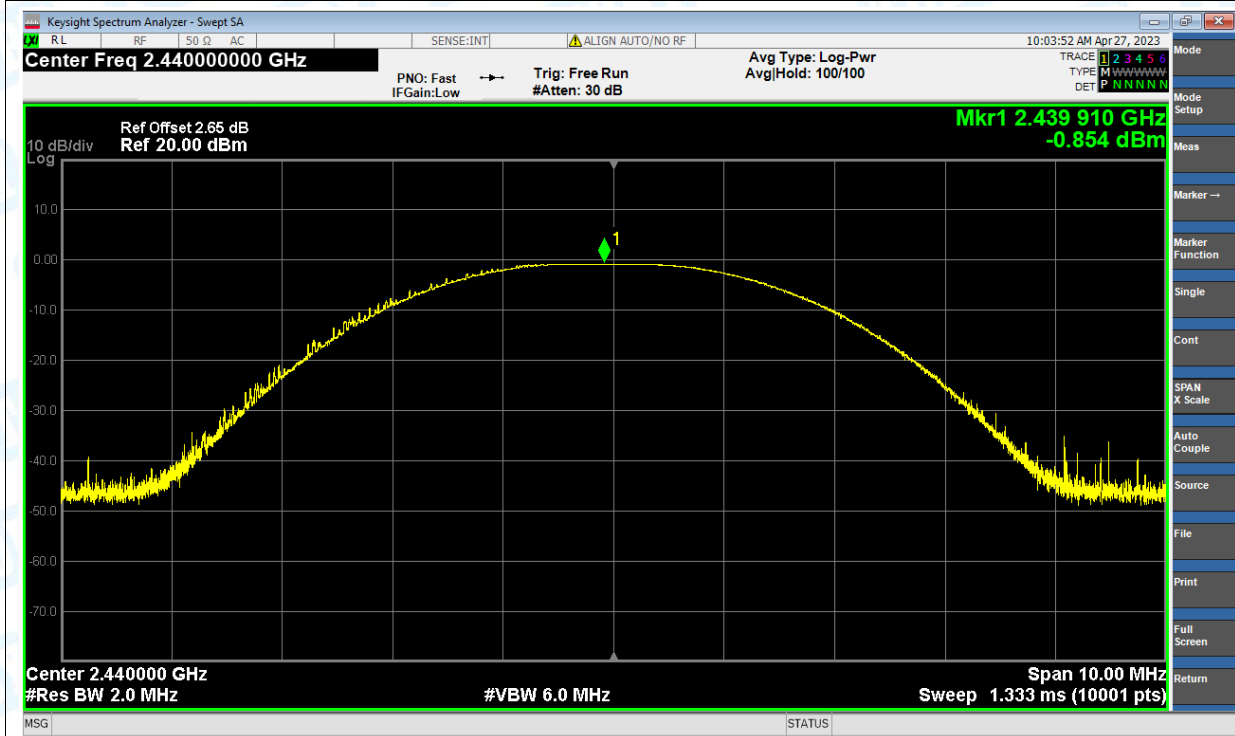
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	-0.117	30	Pass
NVNT	BLE 1Mbps	2440	Ant1	-0.854	30	Pass
NVNT	BLE 1Mbps	2480	Ant1	-0.752	30	Pass

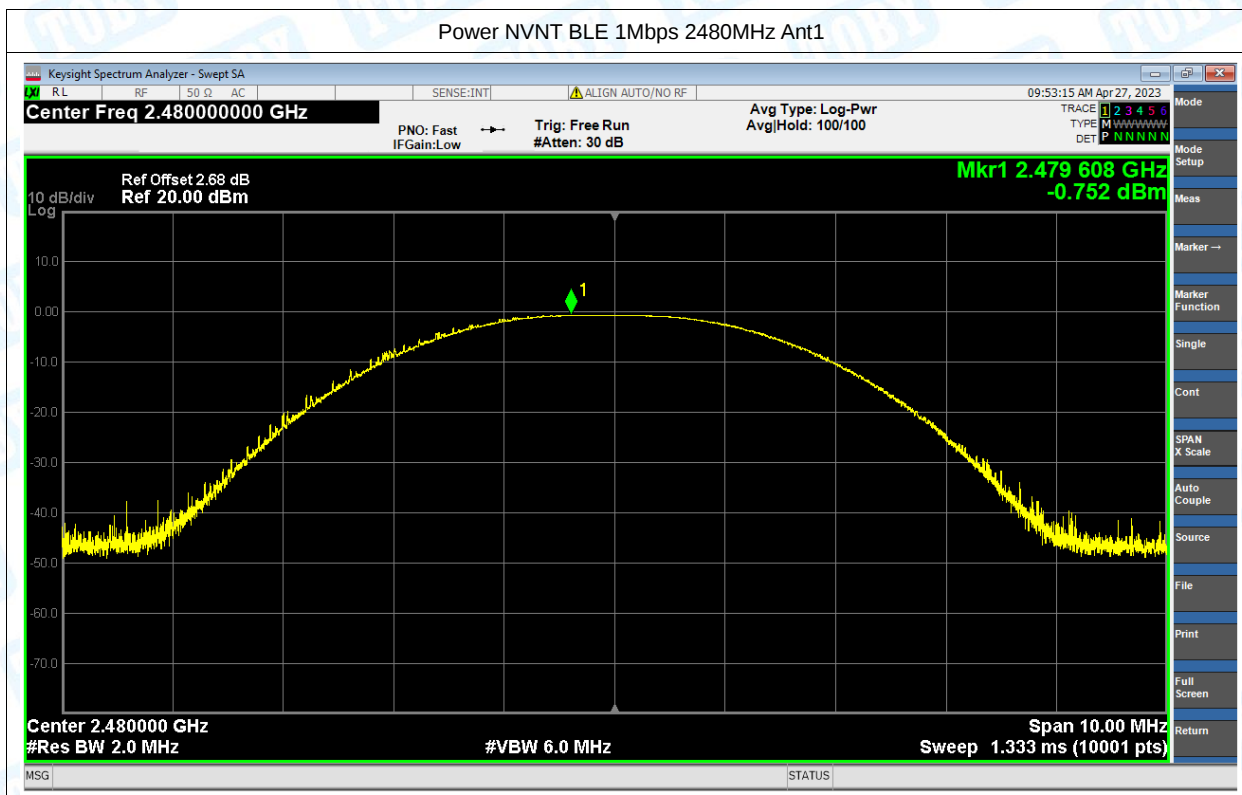
Test Graphs

Power NVNT BLE 1Mbps 2402MHz Ant1



Power NVNT BLE 1Mbps 2440MHz Ant1



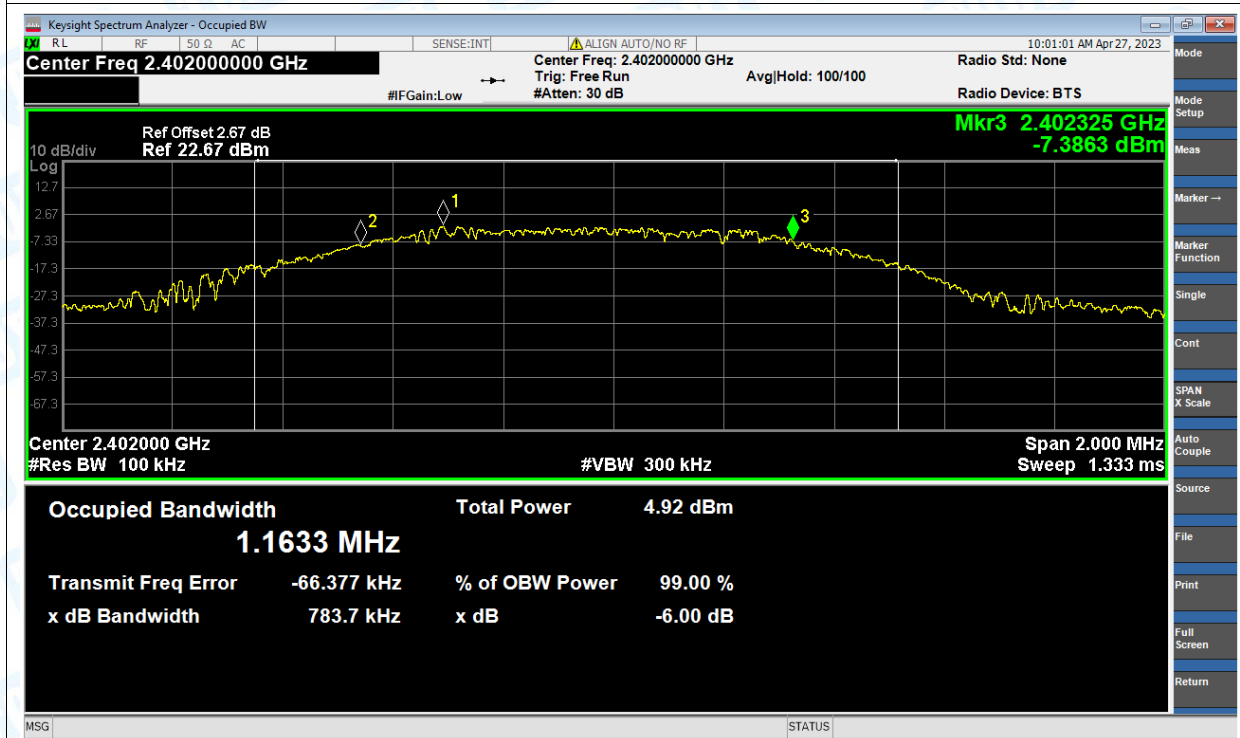


3. -6dB Bandwidth

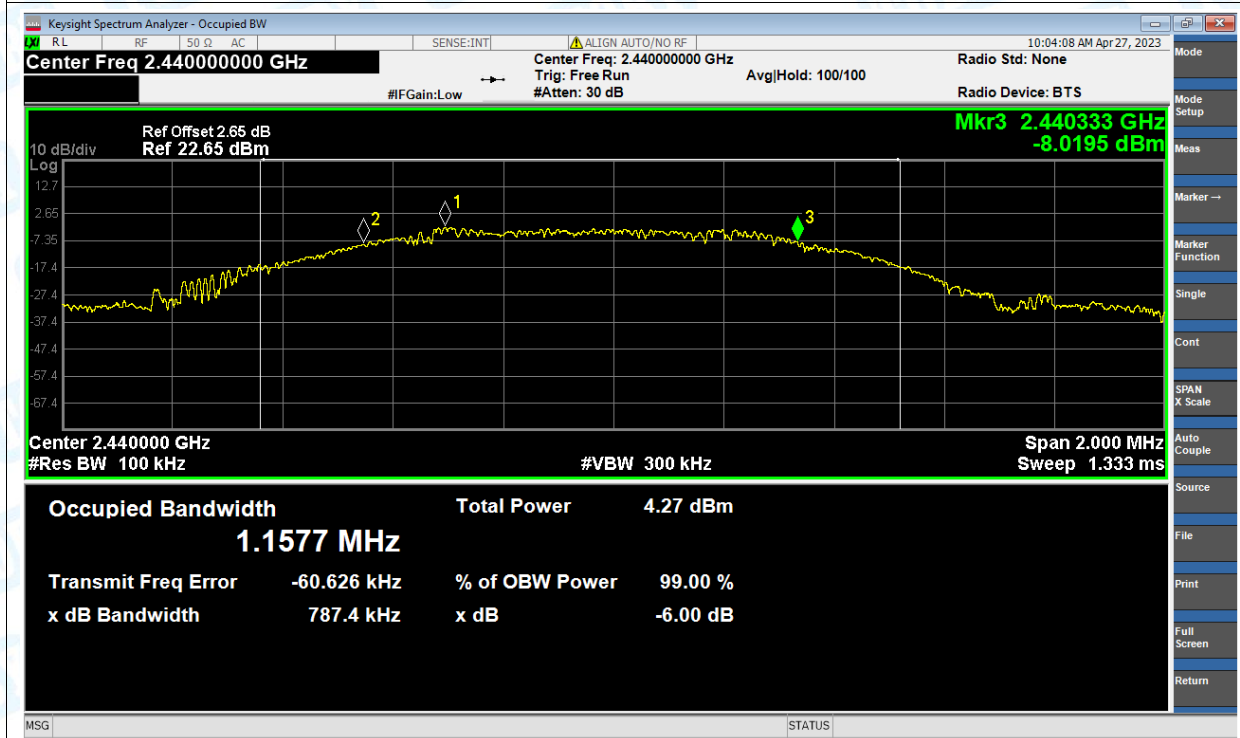
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	0.78	0.5	Pass
NVNT	BLE 1Mbps	2440	Ant1	0.79	0.5	Pass
NVNT	BLE 1Mbps	2480	Ant1	0.8	0.5	Pass

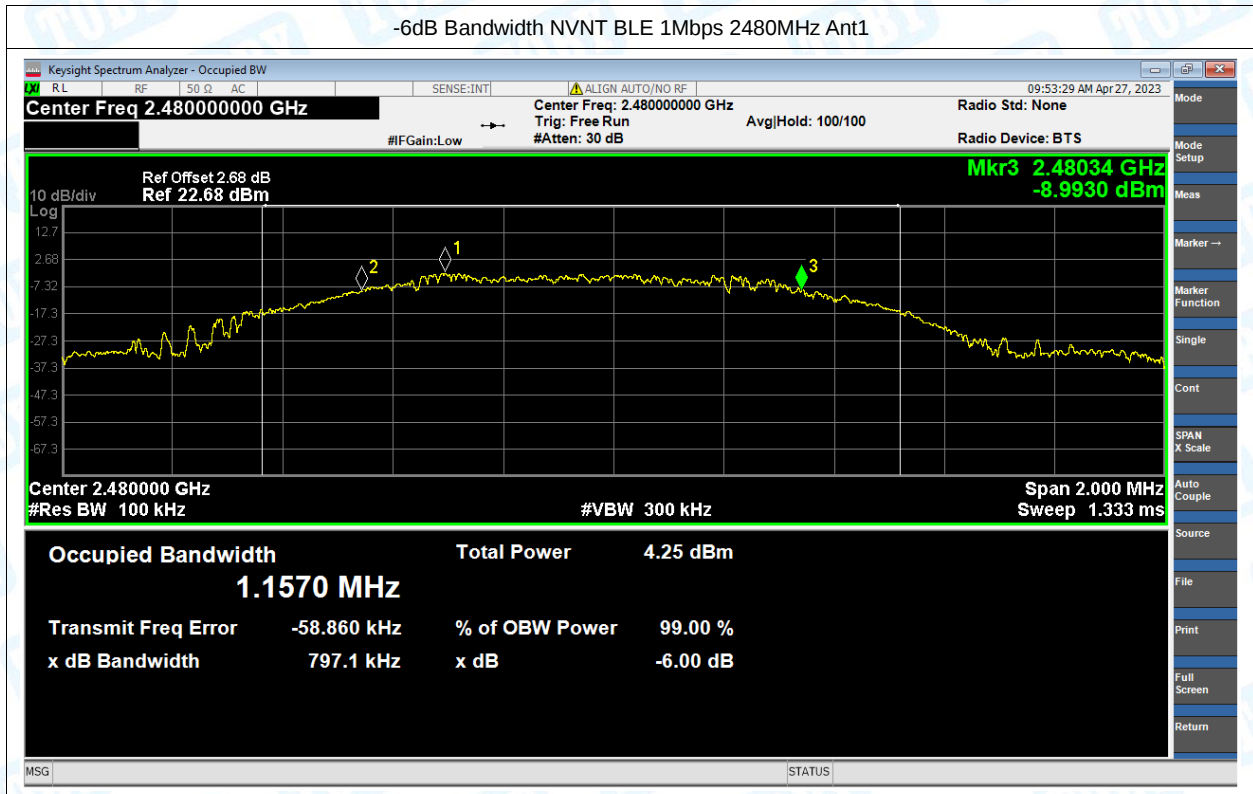
Test Graphs

-6dB Bandwidth NVNT BLE 1Mbps 2402MHz Ant1



-6dB Bandwidth NVNT BLE 1Mbps 2440MHz Ant1



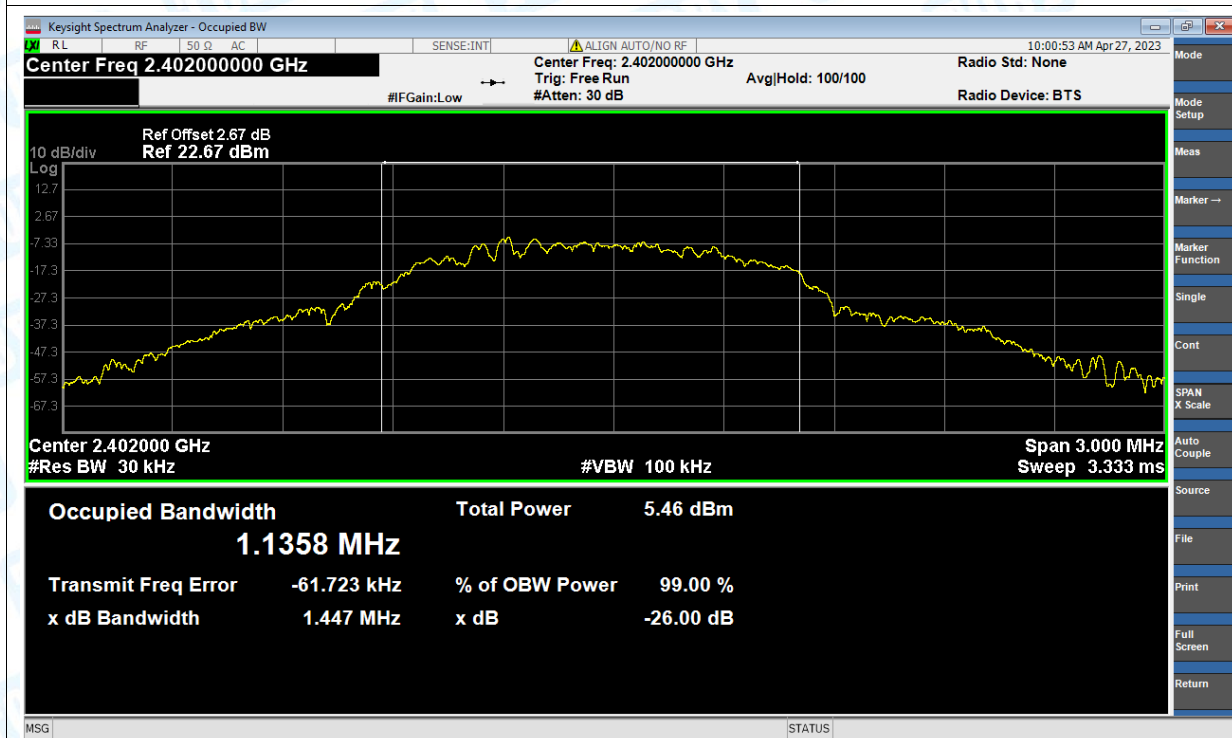


4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1Mbps	2402	Ant1	1.136
NVNT	BLE 1Mbps	2440	Ant1	1.096
NVNT	BLE 1Mbps	2480	Ant1	1.12

Test Graphs

OBW NVNT BLE 1Mbps 2402MHz Ant1



OBW NVNT BLE 1Mbps 2440MHz Ant1

