

RF Test Data for Bluetooth LE (Conducted Measurements)

General Description of EUT	
Product Name:	Smart Battery Camera
Test Model:	CQ1
Sample ID:	HC-C-202409-0193-01-02
Environmental Conditions	
Temperature:	24.6℃
Relative Humidity:	52.1%
Test Voltage:	DC 3.6V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202409-0194-8 The report only show the worst case data.	

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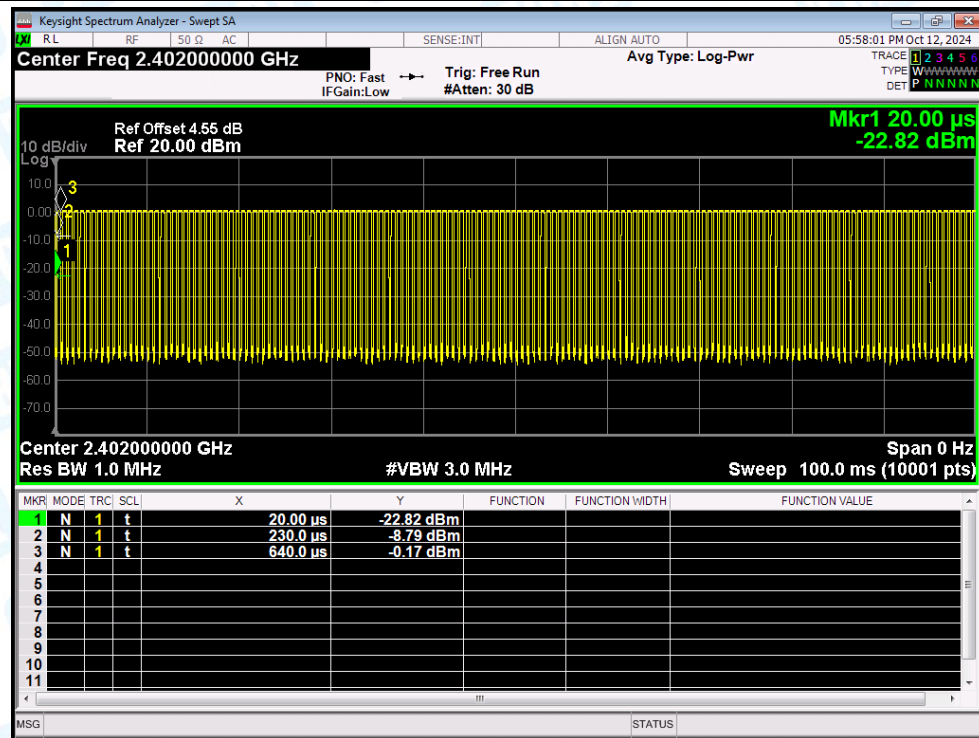
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1. Duty Cycle

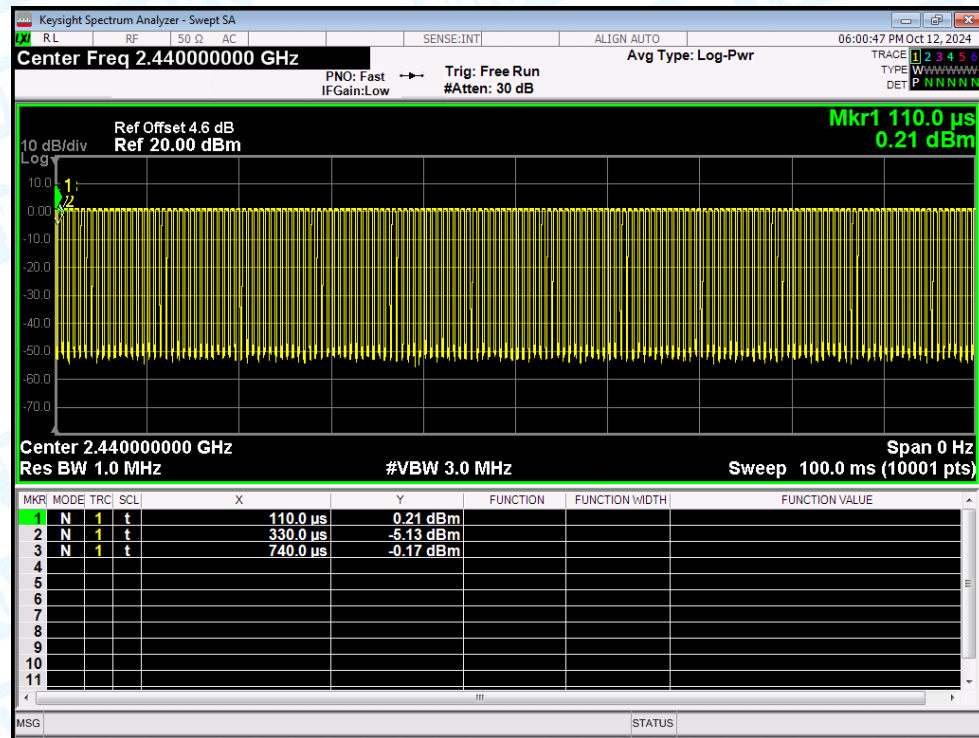
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1Mbps	2402	Ant1	66.13	1.8	2.44
NVNT	BLE 1Mbps	2440	Ant1	65.08	1.87	2.44
NVNT	BLE 1Mbps	2480	Ant1	66.13	1.8	2.44

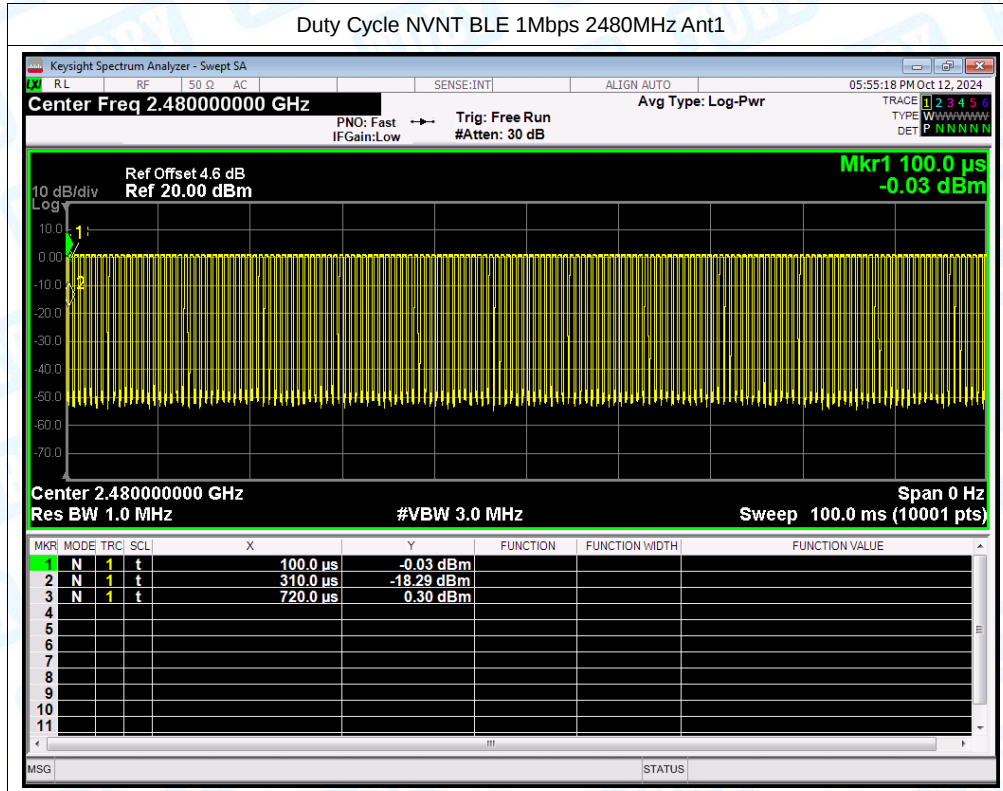
Test Graphs

Duty Cycle NVNT BLE 1Mbps 2402MHz Ant1



Duty Cycle NVNT BLE 1Mbps 2440MHz Ant1



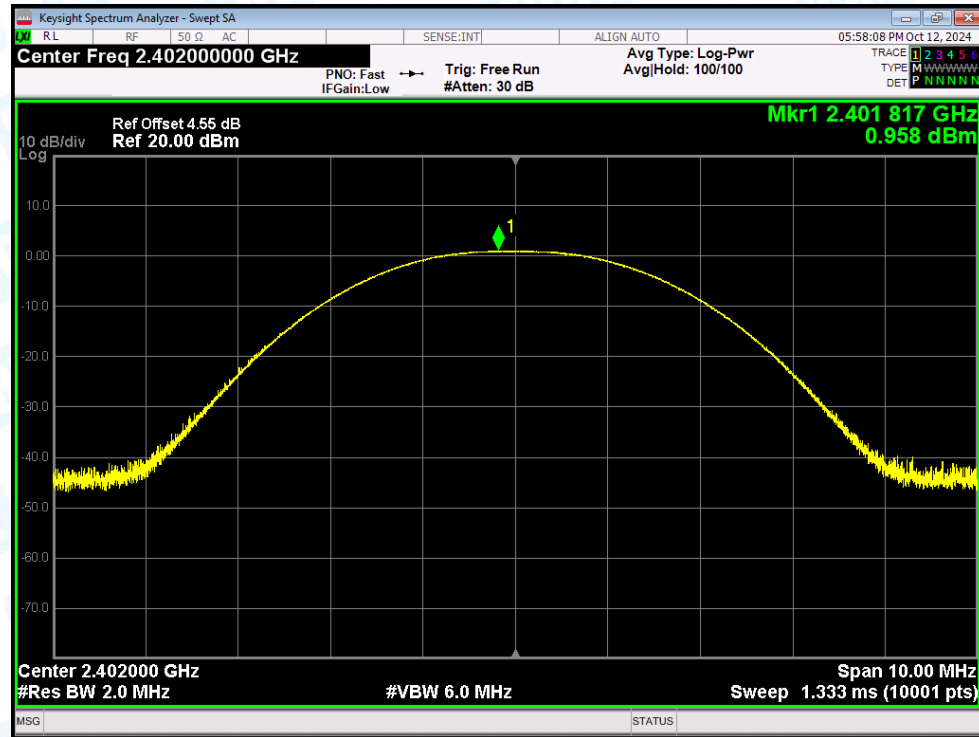


2. Maximum Peak Conducted Output Power

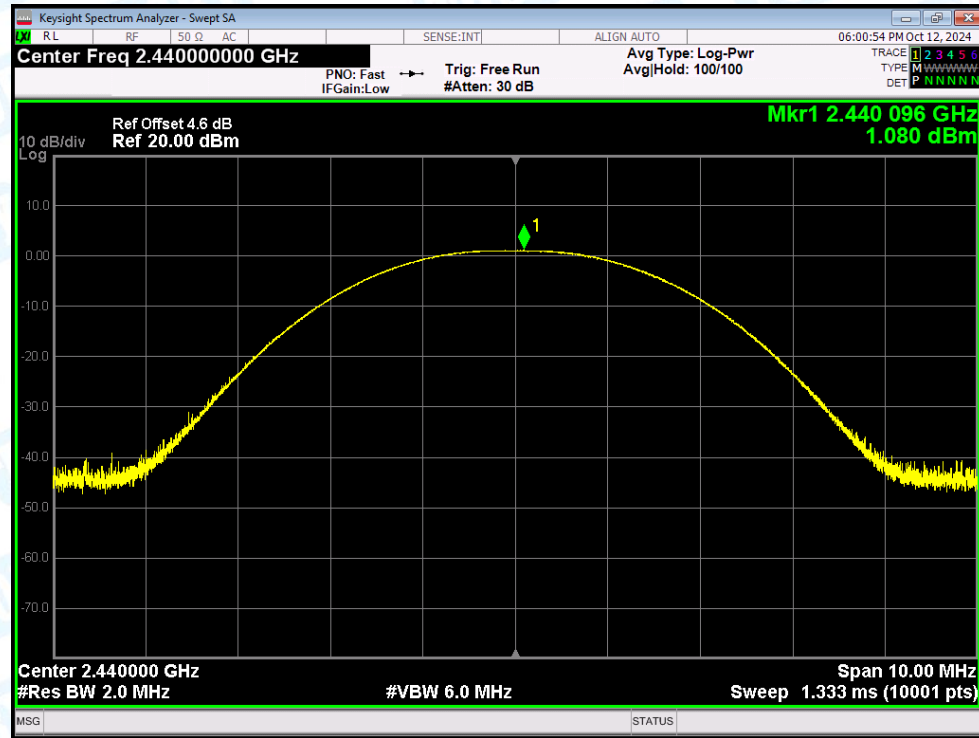
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Gain (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	0.958	30	0.5	1.458	36	Pass
NVNT	BLE 1Mbps	2440	Ant1	1.08	30	0.5	1.58	36	Pass
NVNT	BLE 1Mbps	2480	Ant1	1.119	30	0.5	1.619	36	Pass

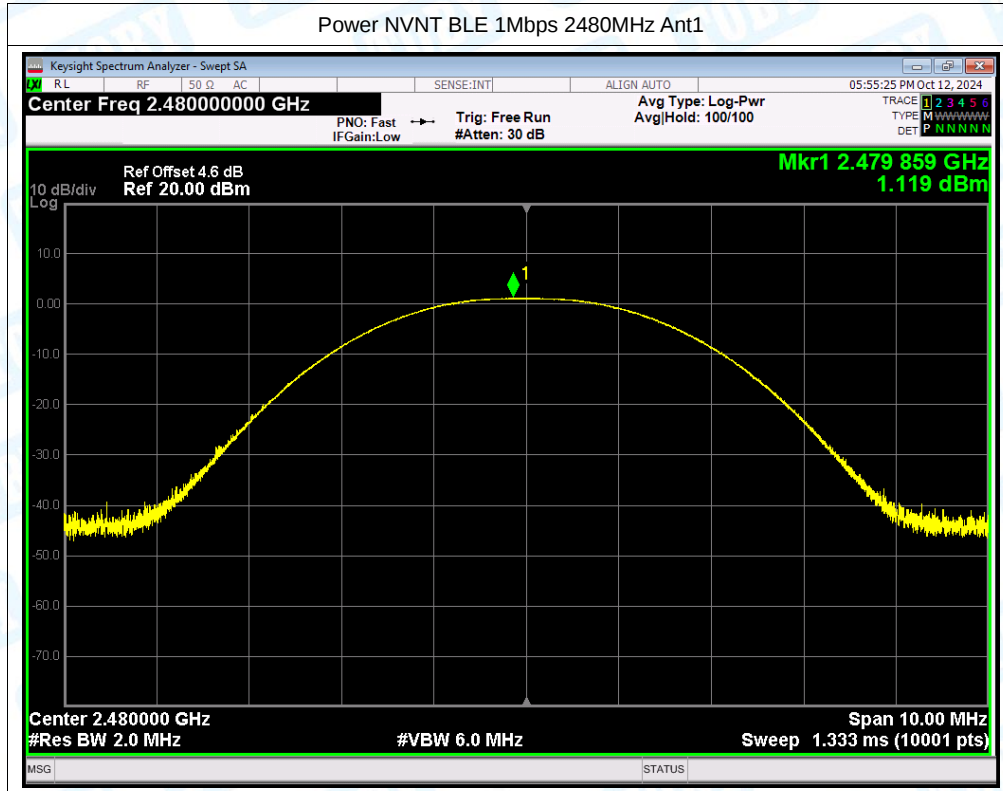
Test Graphs

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	0.65	0.5	Pass
NVNT	BLE 1Mbps	2440	Ant1	0.65	0.5	Pass
NVNT	BLE 1Mbps	2480	Ant1	0.66	0.5	Pass