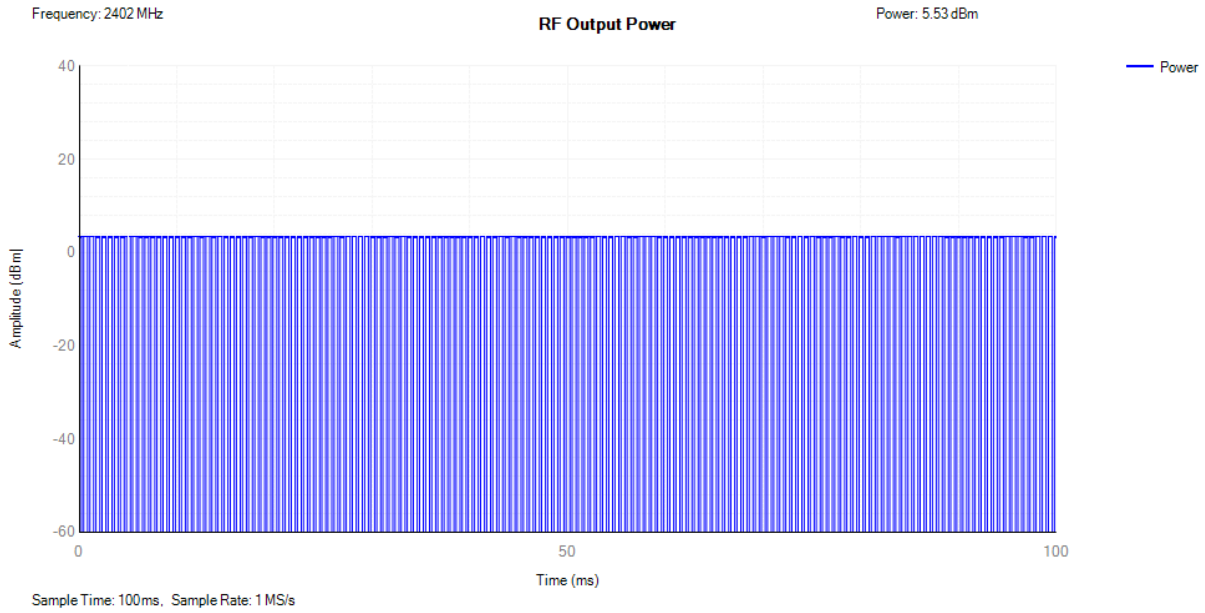


Test Data (Ceramic antenna: 2.09dBi)

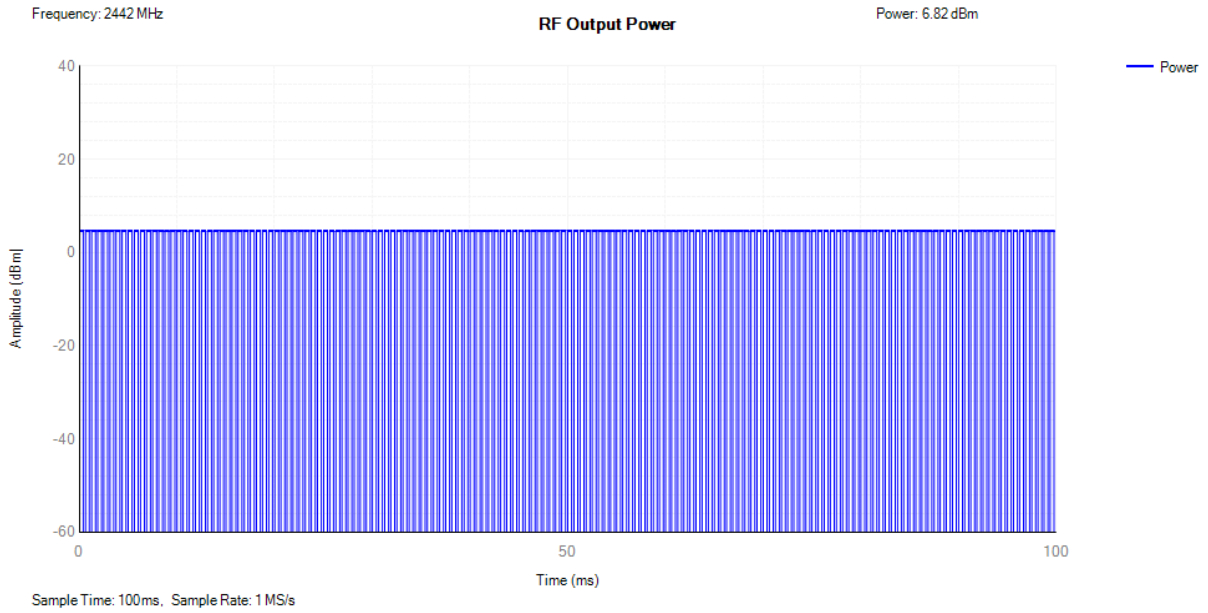
5.4.2 RF Output Power

Condition	Mode	Frequency (MHz)	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVHT	BLE	2402	3.44	161	5.53	20	Pass
NVHT	BLE	2442	4.73	160	6.82	20	Pass
NVHT	BLE	2480	5.6	160	7.69	20	Pass
NVLT	BLE	2402	3.45	160	5.54	20	Pass
NVLT	BLE	2442	4.7	160	6.79	20	Pass
NVLT	BLE	2480	5.58	160	7.67	20	Pass
NVNT	BLE	2402	3.47	161	5.56	20	Pass
NVNT	BLE	2442	4.71	161	6.8	20	Pass
NVNT	BLE	2480	5.61	161	7.7	20	Pass

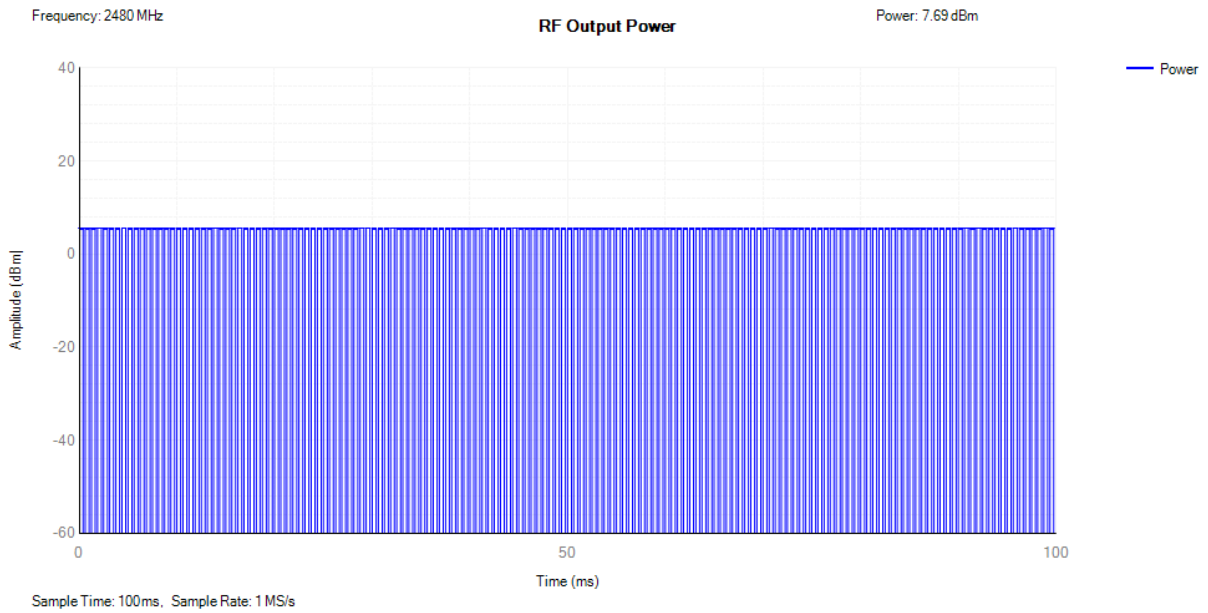
Power NVHT BLE 2402MHz



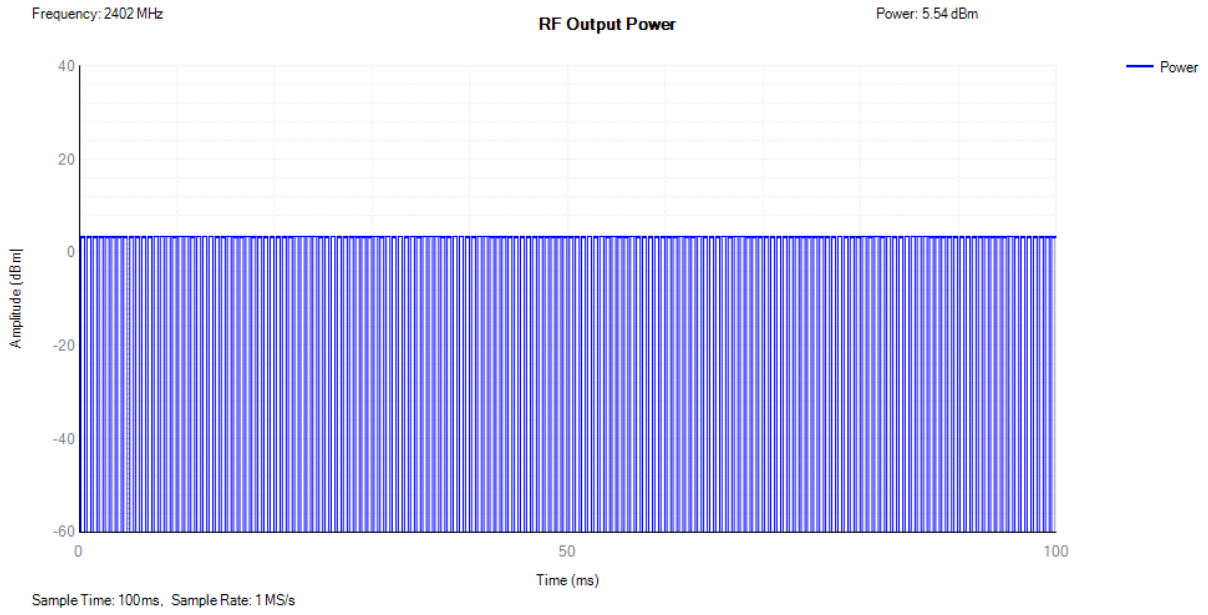
Power NVHT BLE 2442MHz



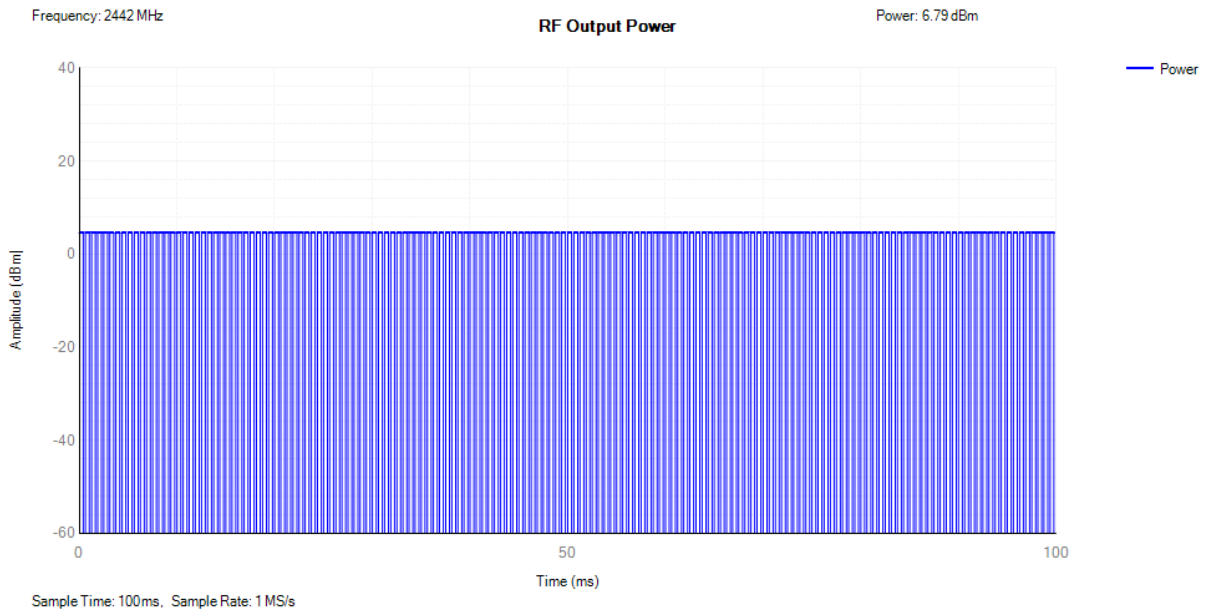
Power NVHT BLE 2480MHz



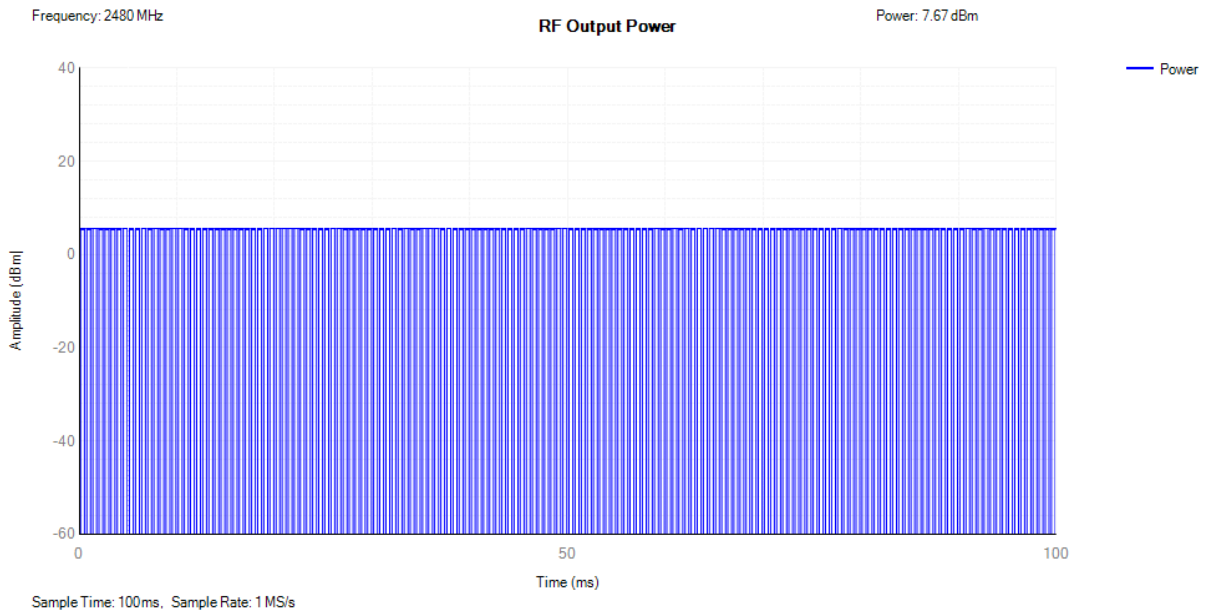
Power NVLT BLE 2402MHz



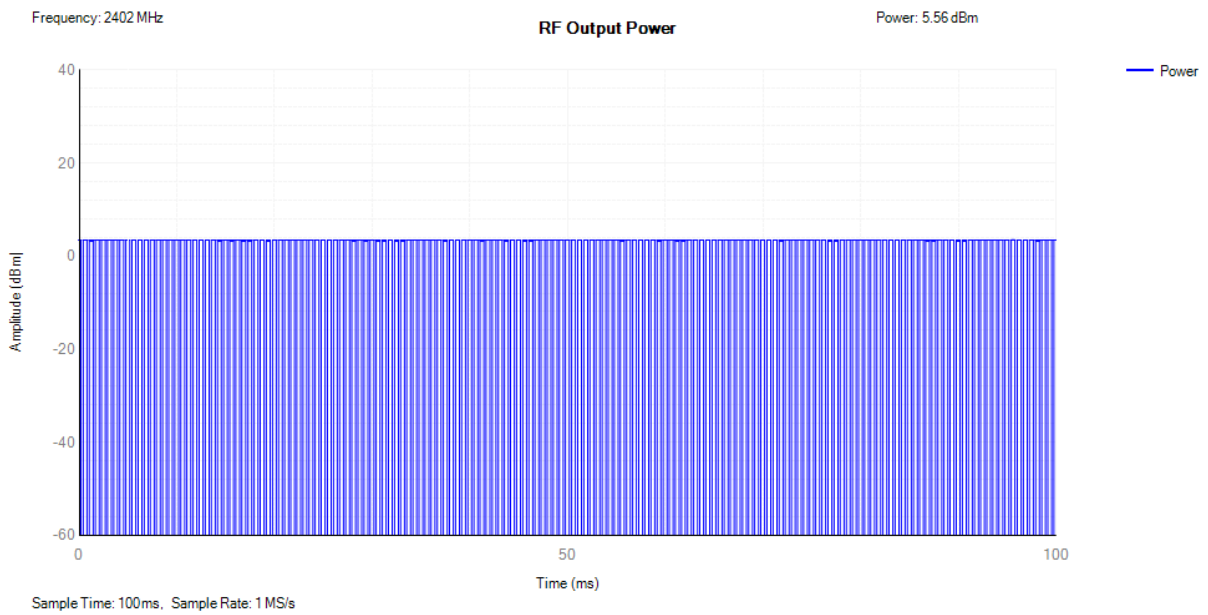
Power NVLT BLE 2442MHz



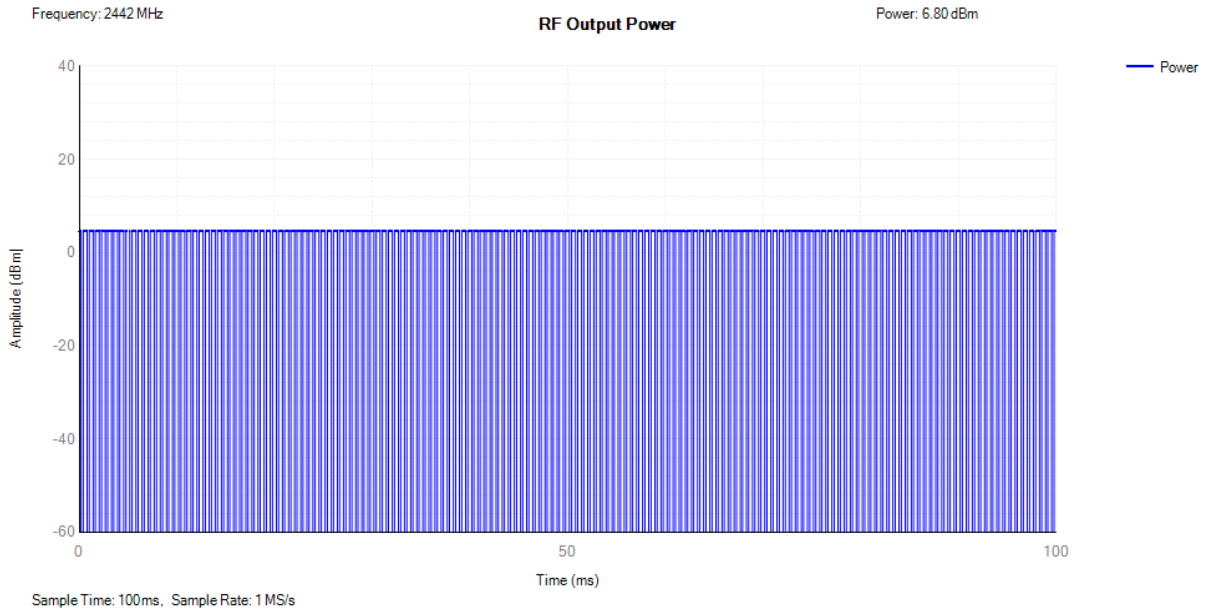
Power NVLT BLE 2480MHz



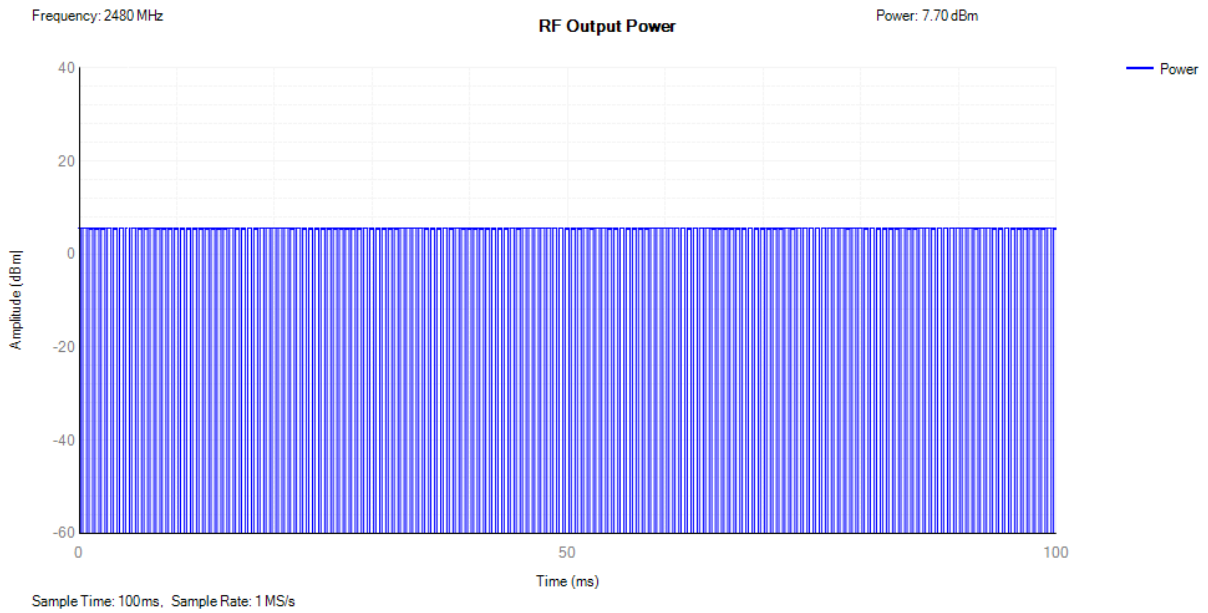
Power NVNT BLE 2402MHz



Power NVNT BLE 2442MHz



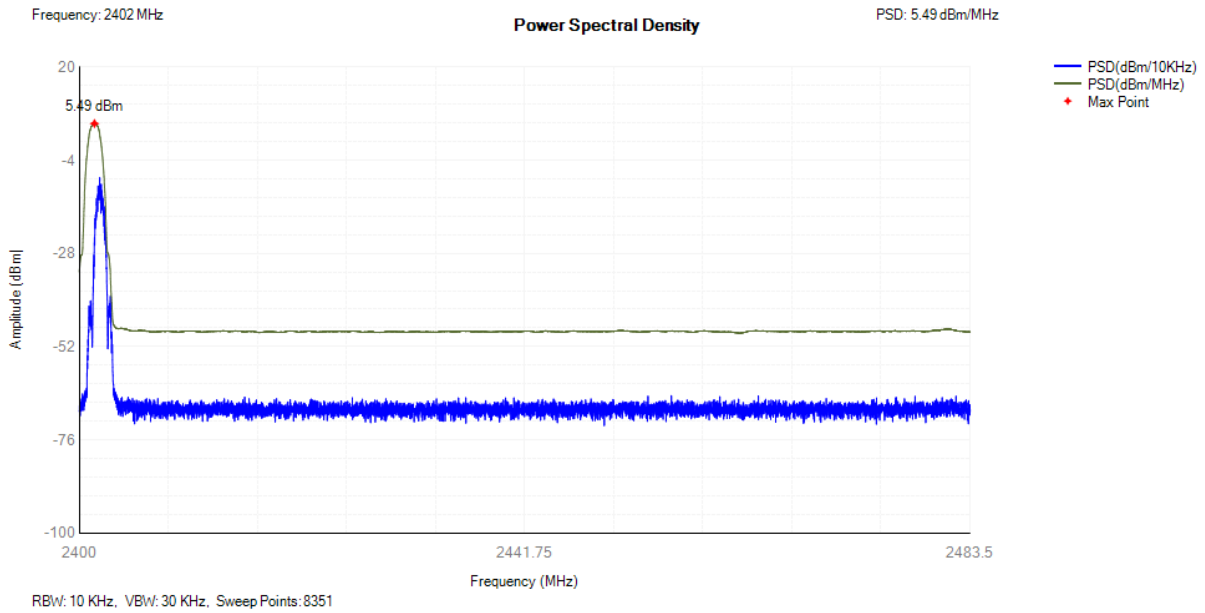
Power NVNT BLE 2480MHz



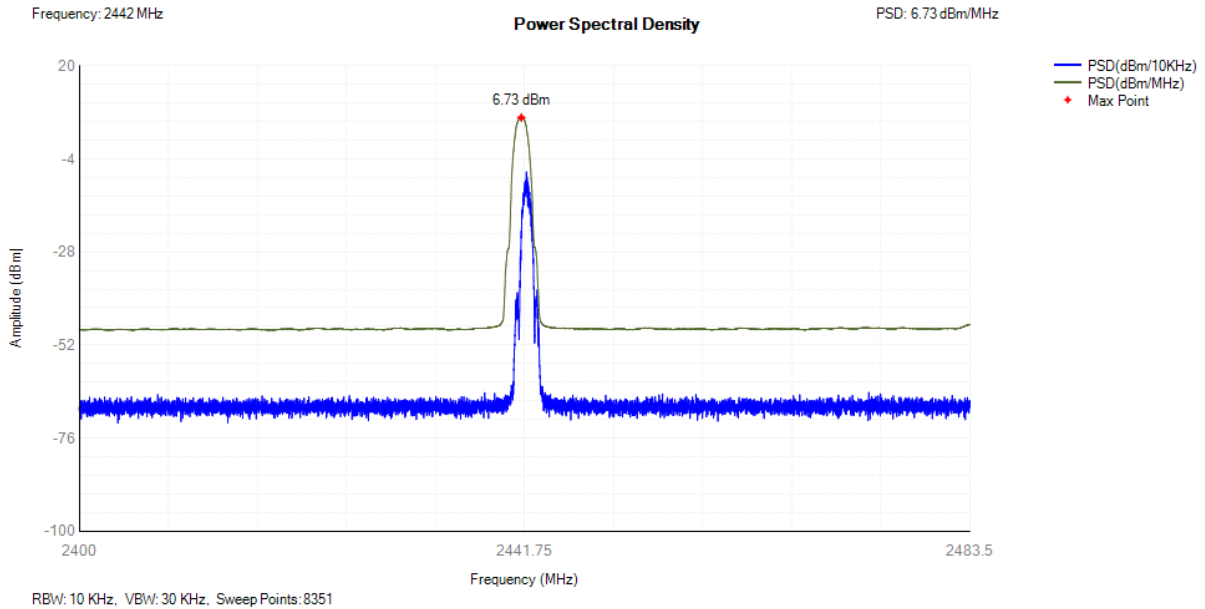
5.4.3 Power Spectral Density

Condition	Mode	Frequency (MHz)	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE	2402	5.49	10	Pass
NVNT	BLE	2442	6.73	10	Pass
NVNT	BLE	2480	7.63	10	Pass

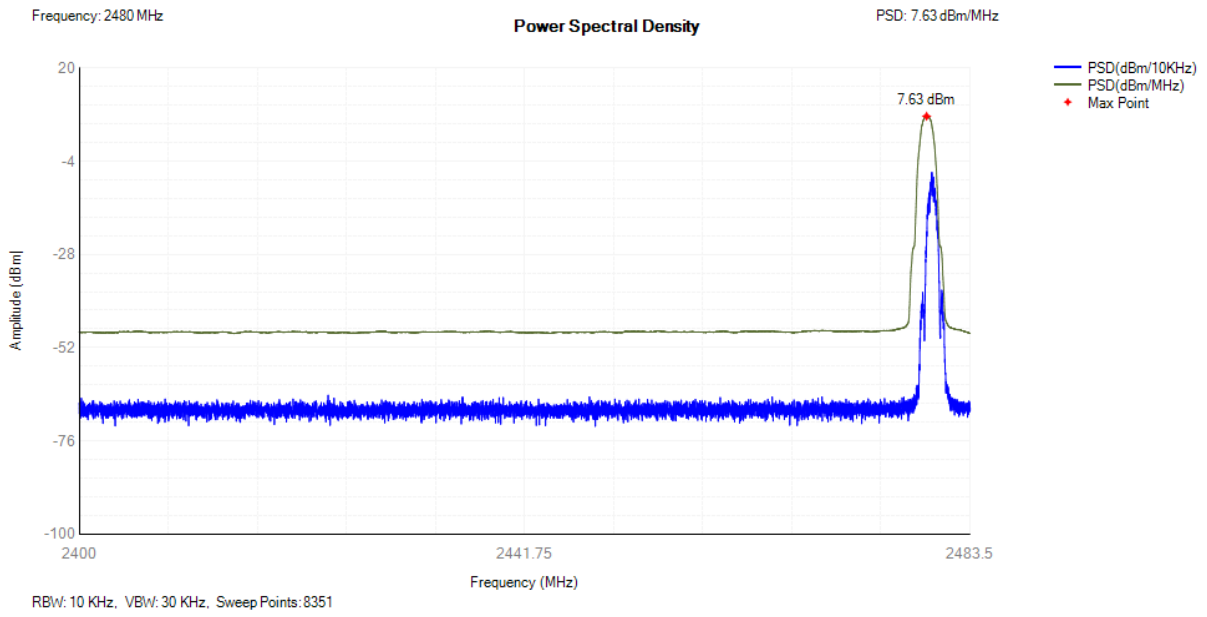
PSD NVNT BLE 2402MHz



PSD NVNT BLE 2442MHz



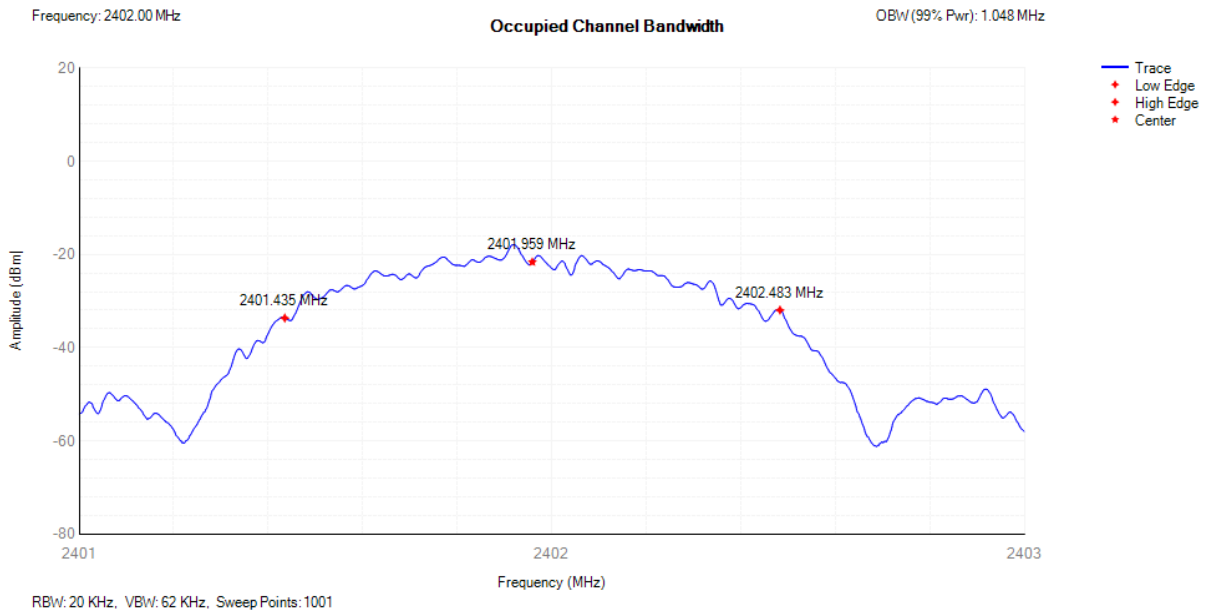
PSD NVNT BLE 2480MHz



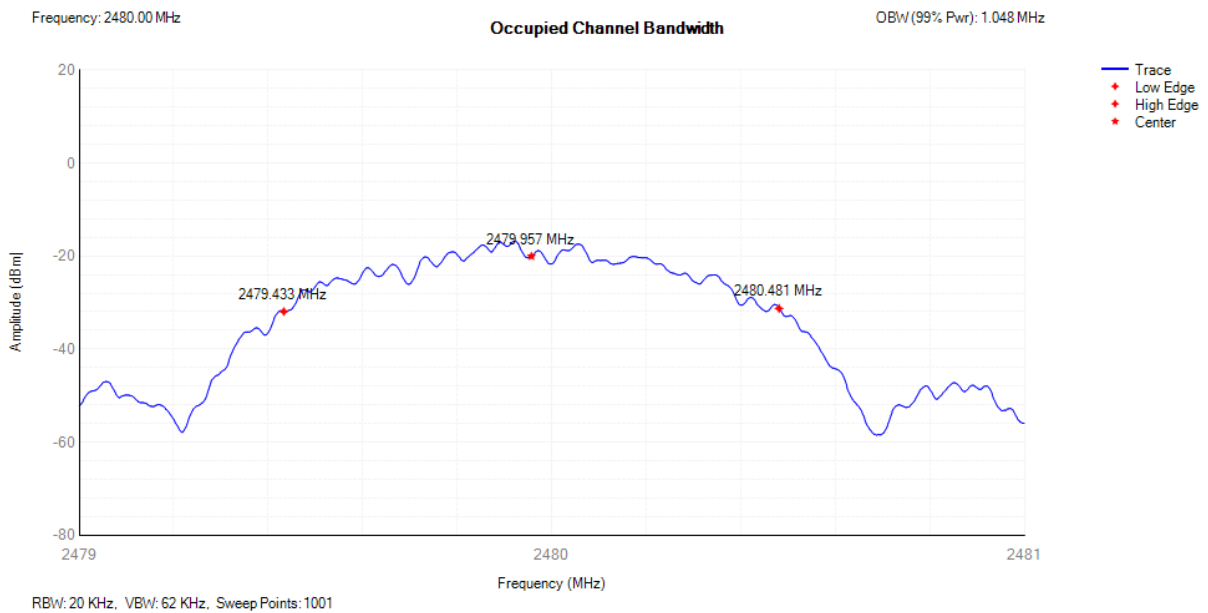
5.4.7 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	BLE	2402	2401.959	1.048	2401.435	2402.483	2400 - 2483.5MHz	Pass
NVNT	BLE	2480	2479.957	1.048	2479.433	2480.481	2400 - 2483.5MHz	Pass

OBW NVNT BLE 2402MHz



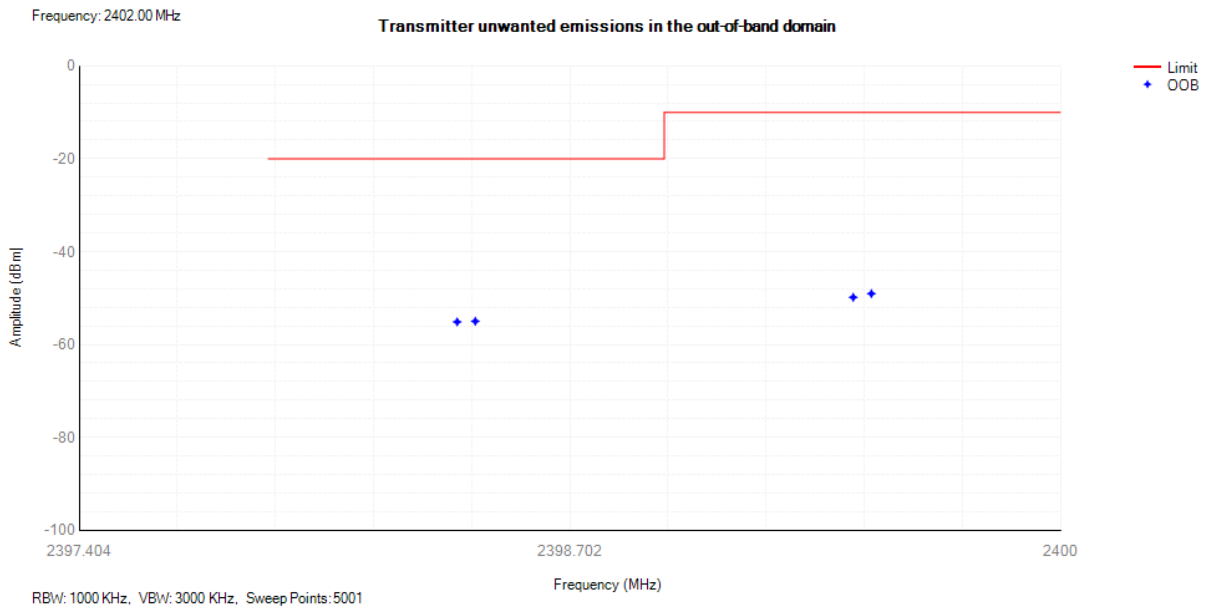
OBW NVNT BLE 2480MHz



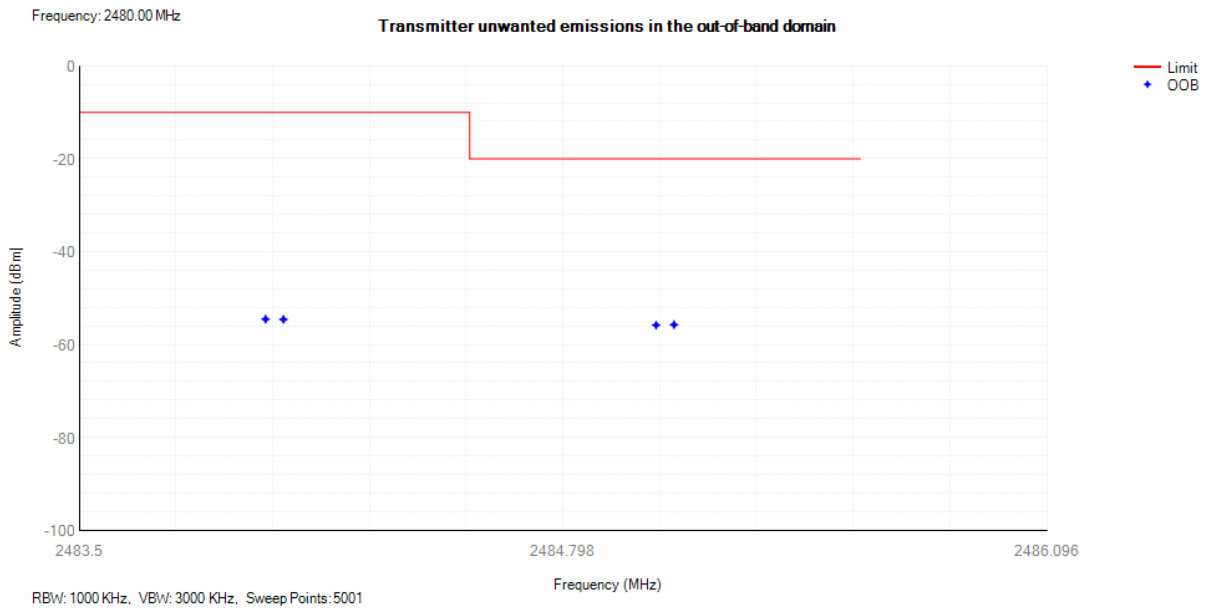
5.4.8 Transmitter unwanted emissions in the out-of-band domain

Condition	Mode	Frequency (MHz)	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE	2402	2399.5	-49.03	-10	Pass
NVNT	BLE	2402	2399.452	-49.82	-10	Pass
NVNT	BLE	2402	2398.452	-54.97	-20	Pass
NVNT	BLE	2402	2398.404	-55.11	-20	Pass
NVNT	BLE	2480	2484	-54.52	-10	Pass
NVNT	BLE	2480	2484.048	-54.58	-10	Pass
NVNT	BLE	2480	2485.048	-55.81	-20	Pass
NVNT	BLE	2480	2485.096	-55.72	-20	Pass

Tx. Emissions OOB NVNT BLE 2402MHz



Tx. Emissions OOB NVNT BLE 2480MHz

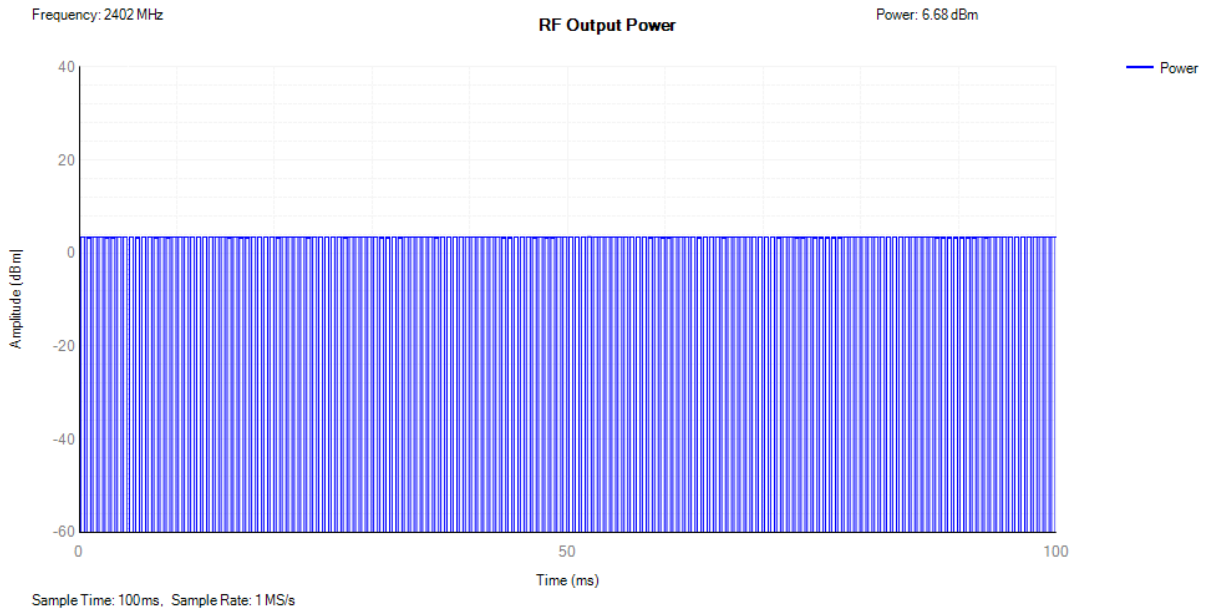


(Flex antenna: 3.20dBi)

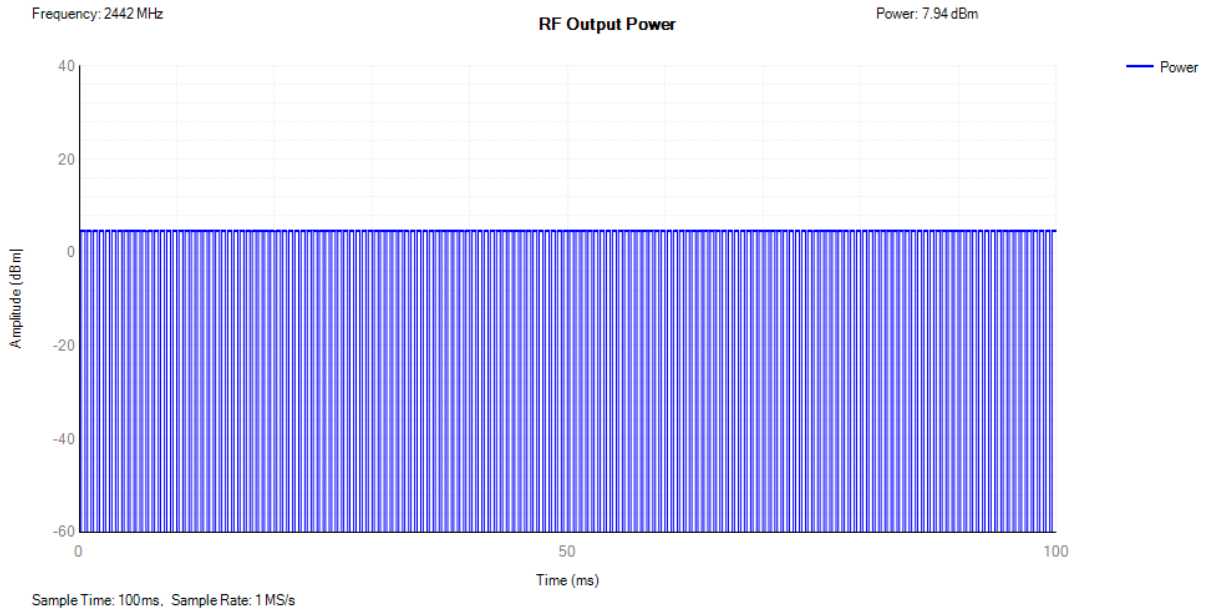
5.4.2 RF Output Power

Condition	Mode	Frequency (MHz)	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVHT	BLE	2402	3.48	160	6.68	20	Pass
NVHT	BLE	2442	4.74	160	7.94	20	Pass
NVHT	BLE	2480	5.6	161	8.8	20	Pass
NVLT	BLE	2402	3.46	160	6.66	20	Pass
NVLT	BLE	2442	4.73	160	7.93	20	Pass
NVLT	BLE	2480	5.57	161	8.77	20	Pass
NVNT	BLE	2402	3.48	161	6.68	20	Pass
NVNT	BLE	2442	4.73	160	7.93	20	Pass
NVNT	BLE	2480	5.62	161	8.82	20	Pass

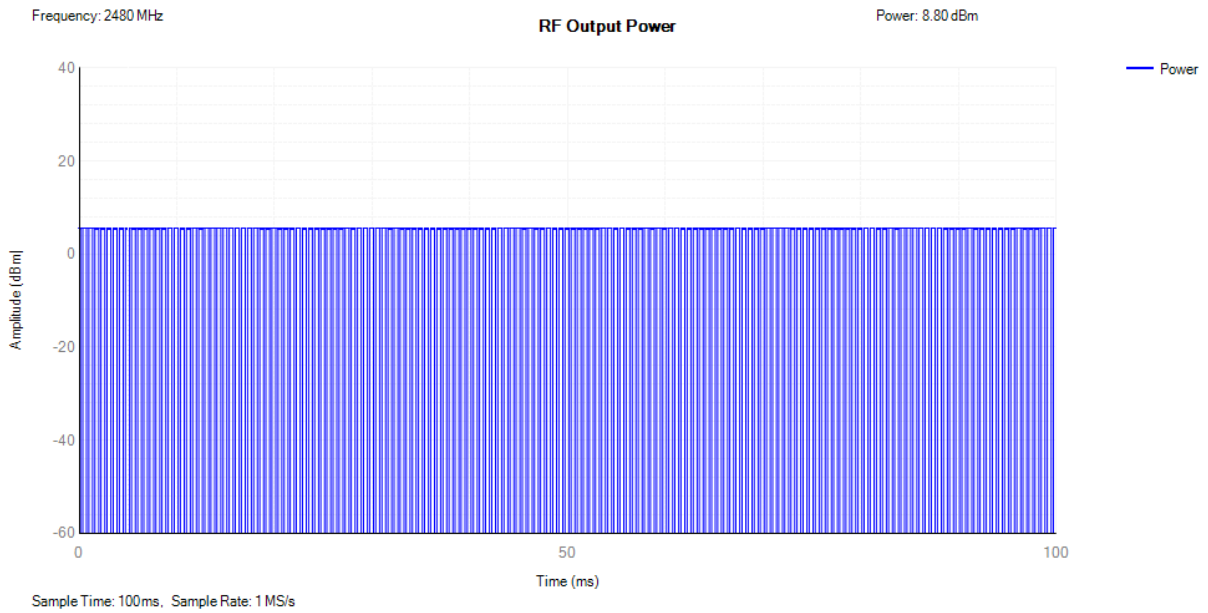
Power NVHT BLE 2402MHz



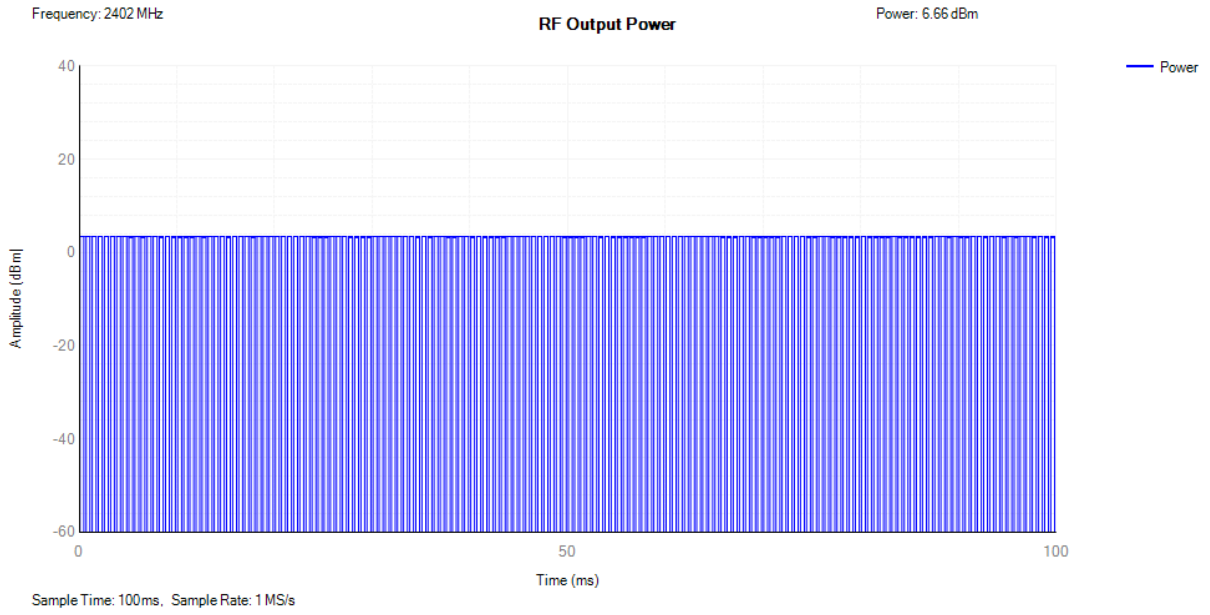
Power NVHT BLE 2442MHz



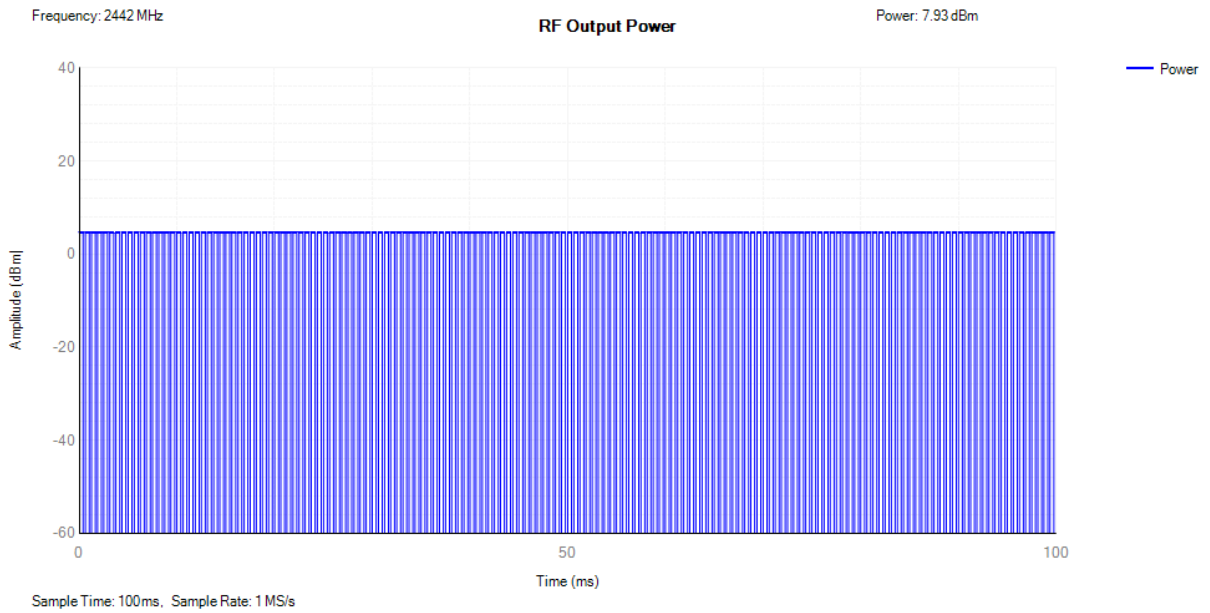
Power NVHT BLE 2480MHz



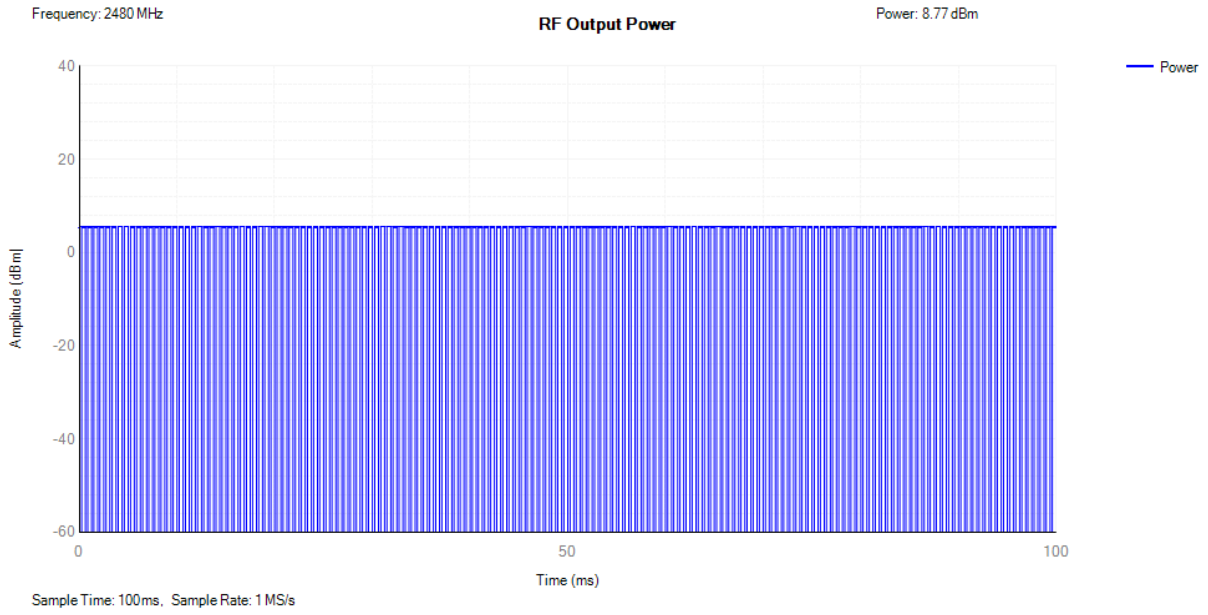
Power NVLT BLE 2402MHz



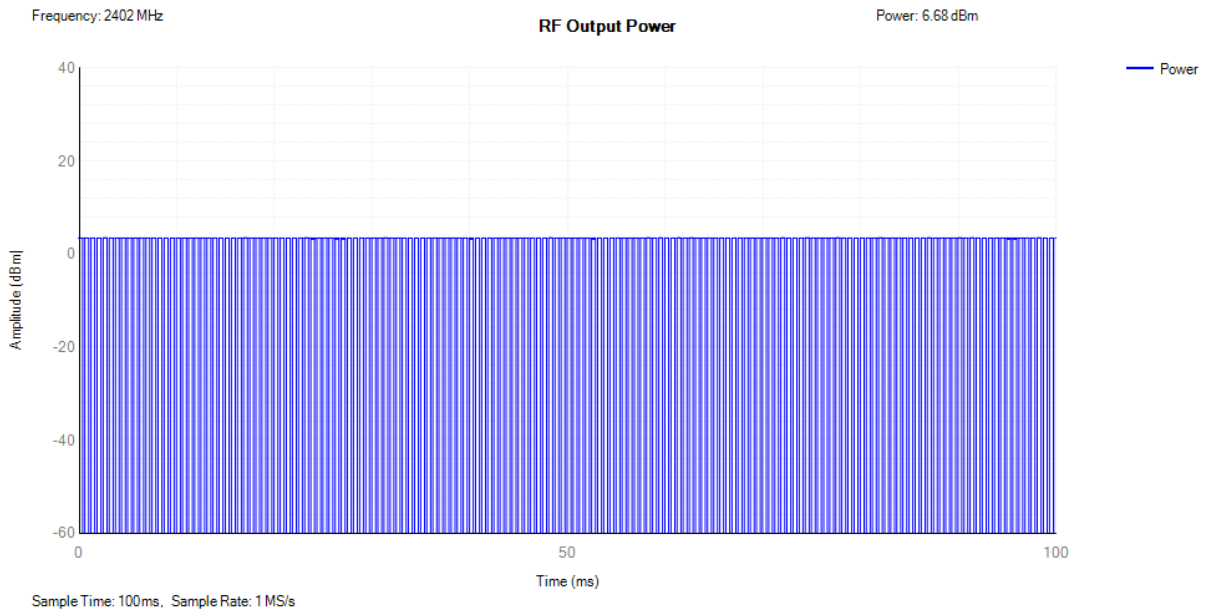
Power NVLT BLE 2442MHz



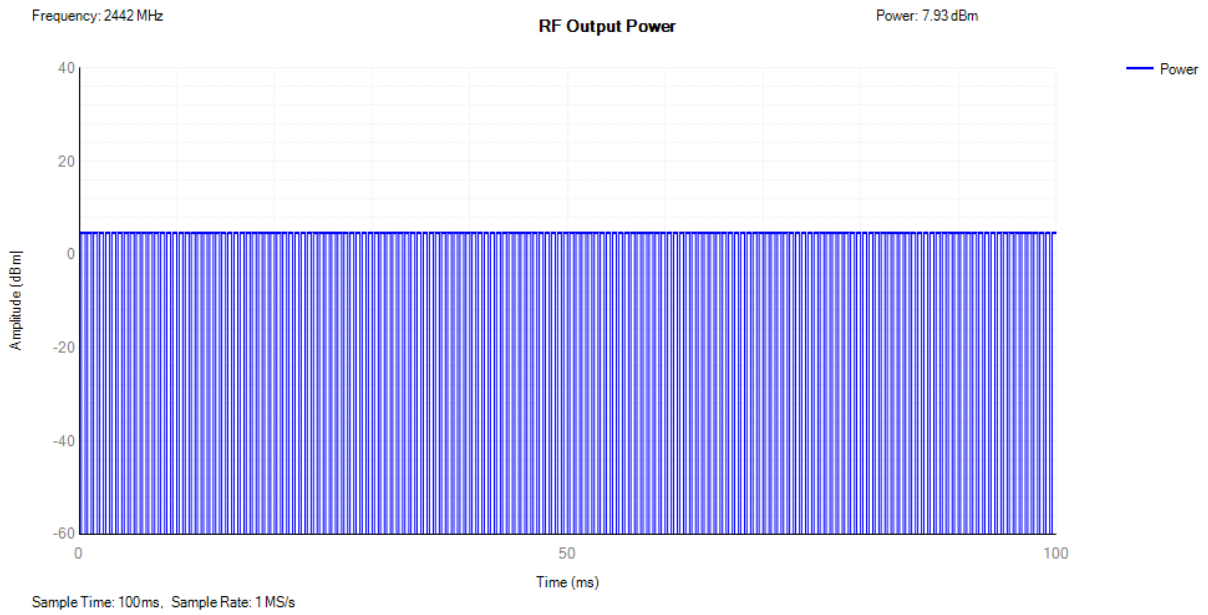
Power NVLT BLE 2480MHz



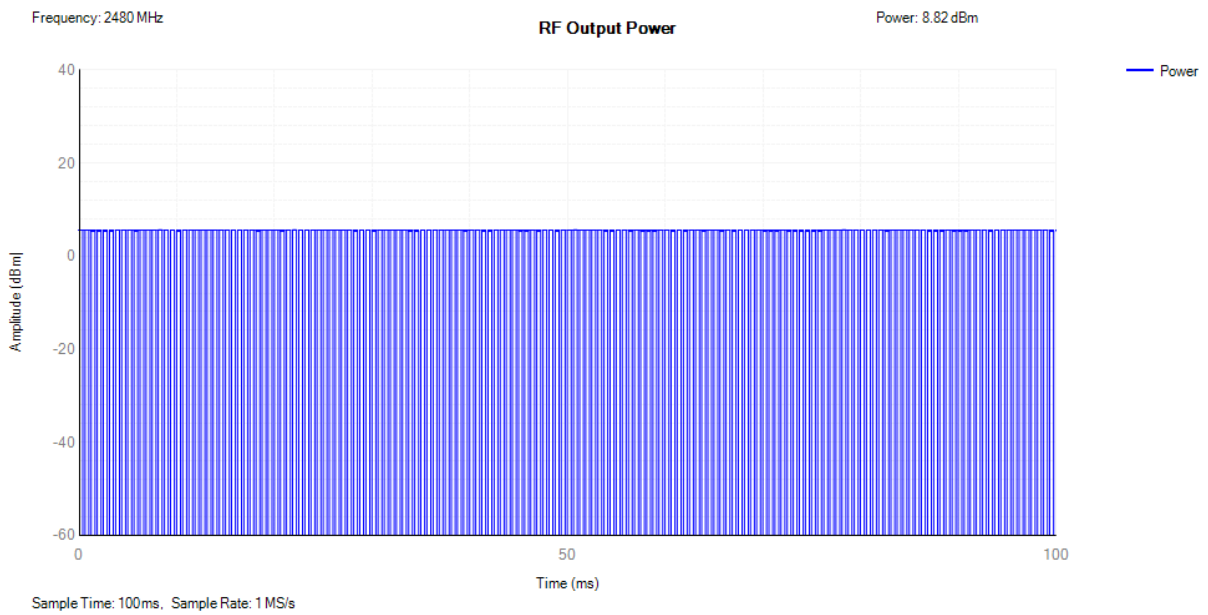
Power NVNT BLE 2402MHz



Power NVNT BLE 2442MHz



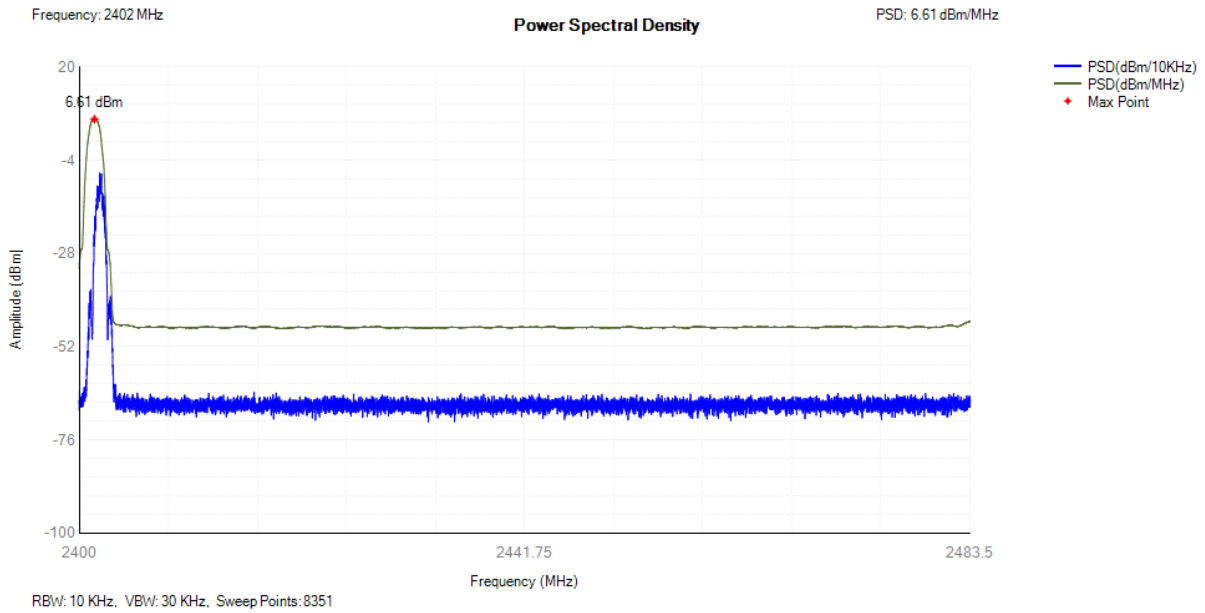
Power NVNT BLE 2480MHz



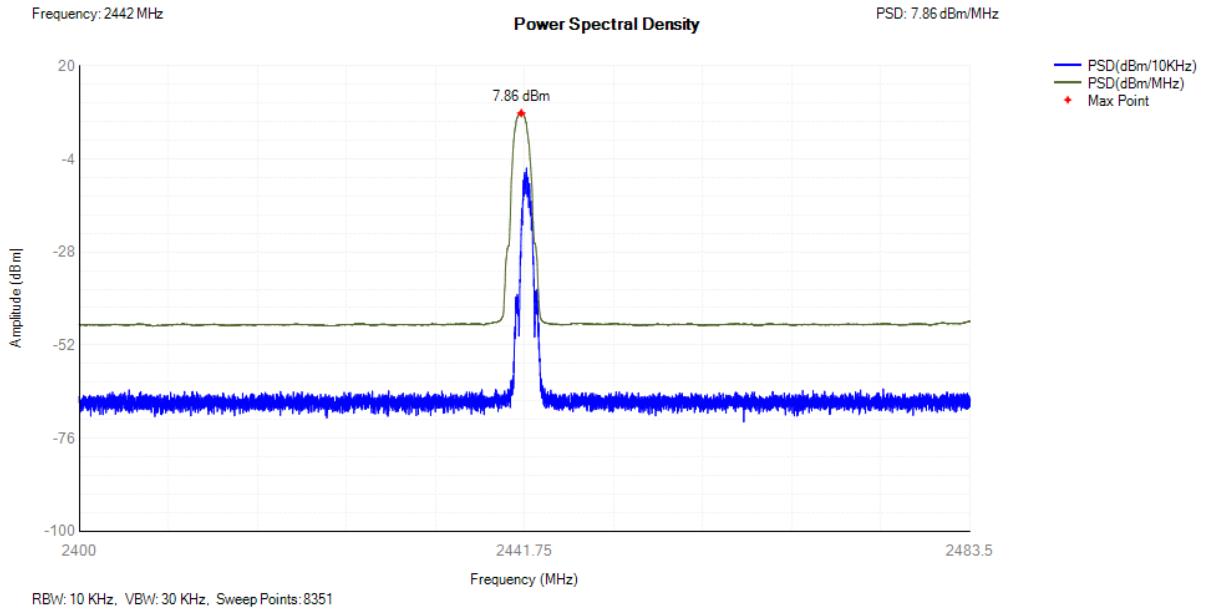
5.4.3 Power Spectral Density

Condition	Mode	Frequency (MHz)	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE	2402	6.61	10	Pass
NVNT	BLE	2442	7.86	10	Pass
NVNT	BLE	2480	8.76	10	Pass

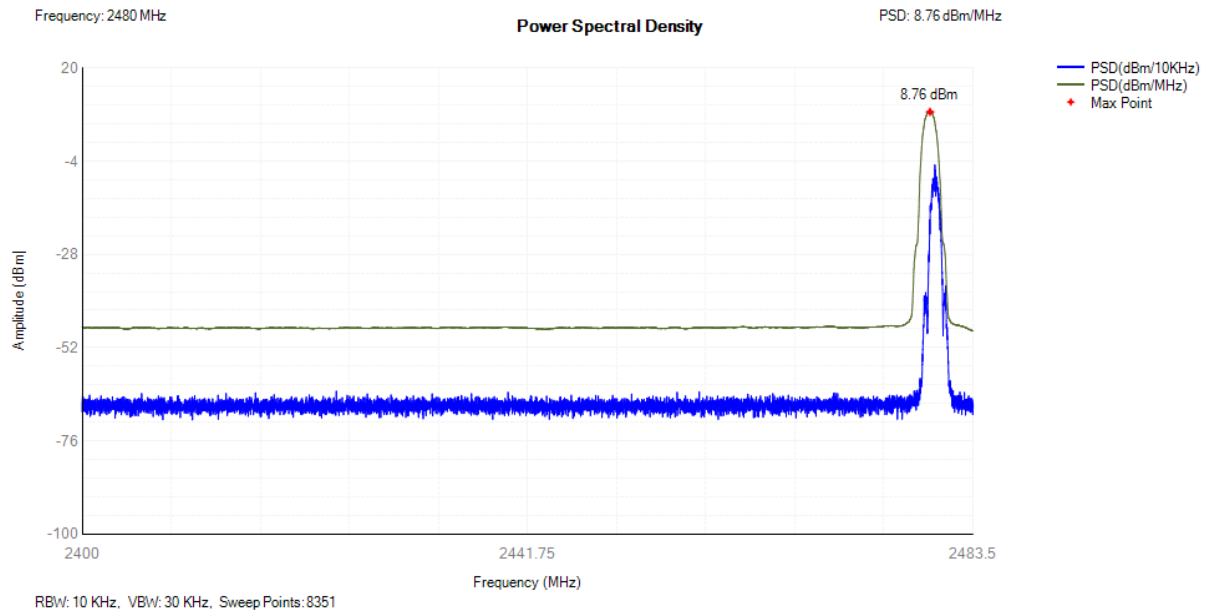
PSD NVNT BLE 2402MHz



PSD NVNT BLE 2442MHz



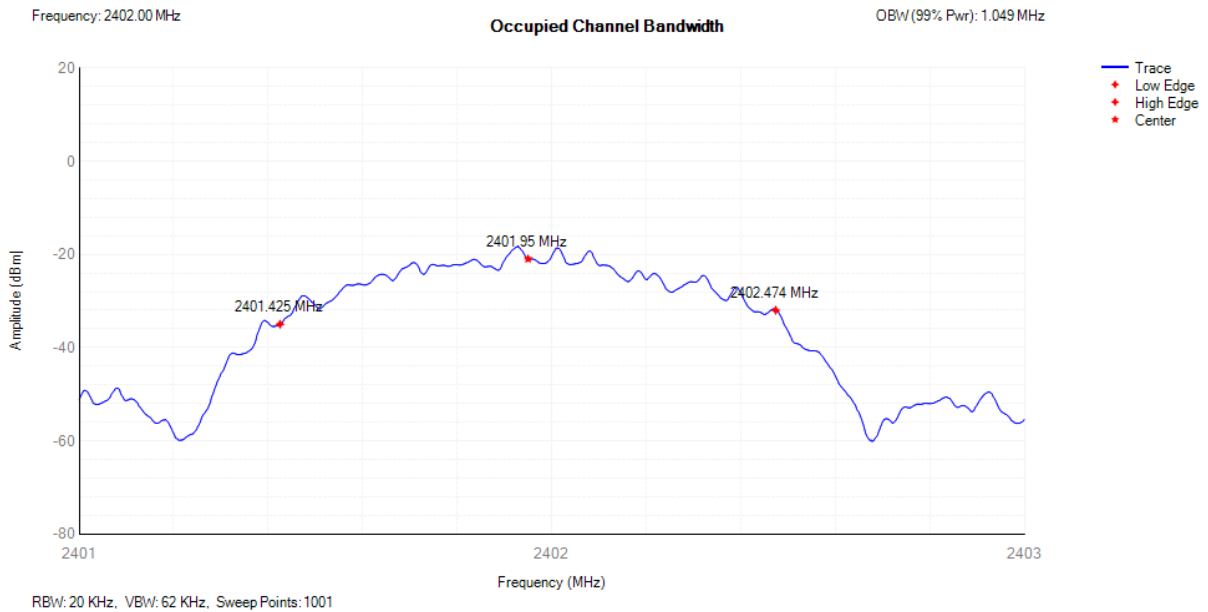
PSD NVNT BLE 2480MHz



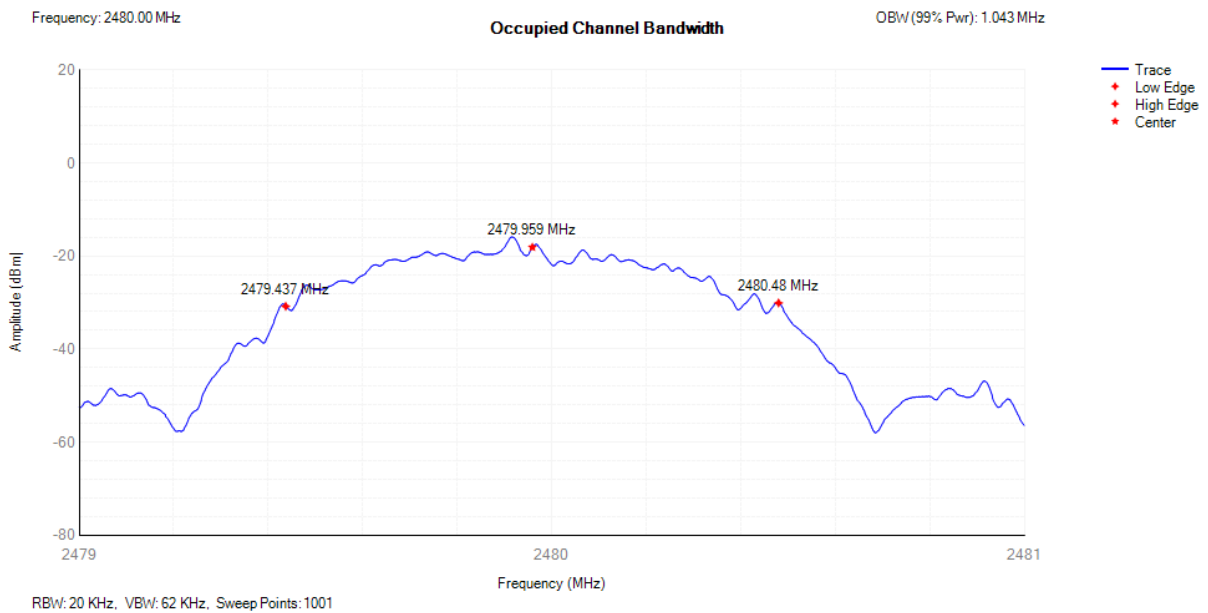
5.4.7 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	BLE	2402	2401.95	1.049	2401.425	2402.474	2400 - 2483.5MHz	Pass
NVNT	BLE	2480	2479.959	1.043	2479.437	2480.48	2400 - 2483.5MHz	Pass

OBW NVNT BLE 2402MHz



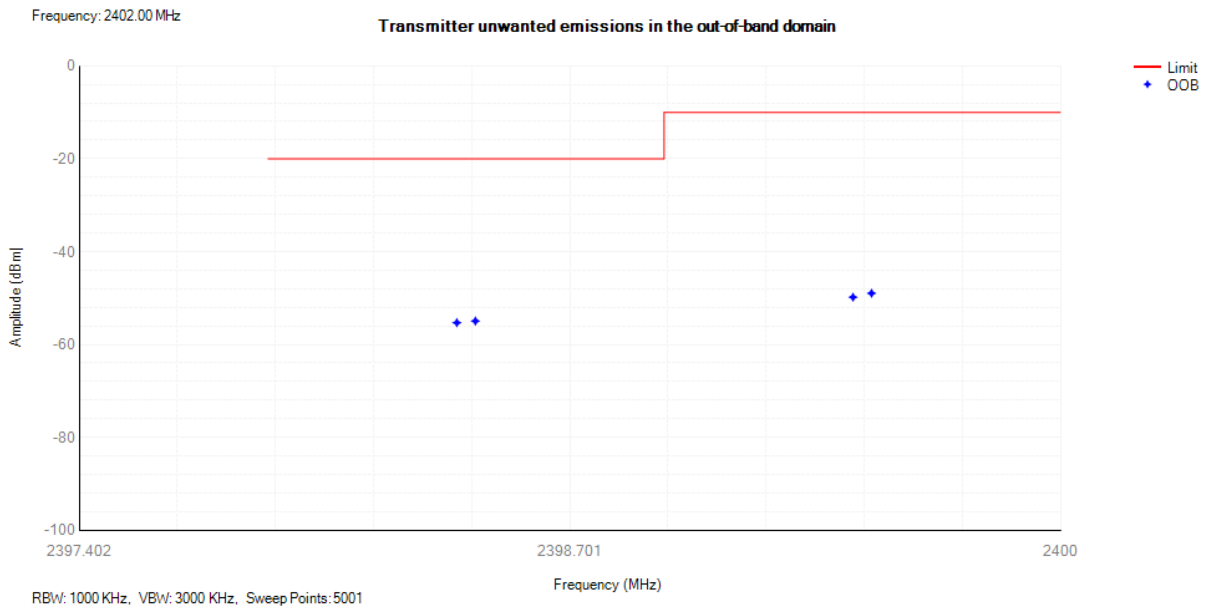
OBW NVNT BLE 2480MHz



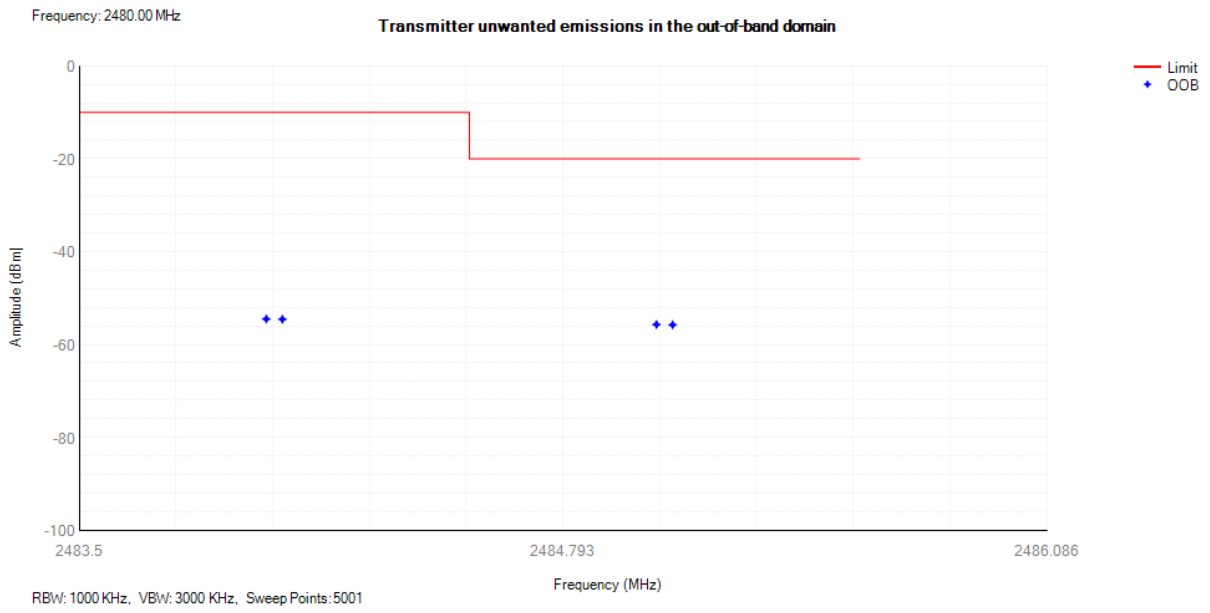
5.4.8 Transmitter unwanted emissions in the out-of-band domain

Condition	Mode	Frequency (MHz)	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE	2402	2399.5	-48.95	-10	Pass
NVNT	BLE	2402	2399.451	-49.79	-10	Pass
NVNT	BLE	2402	2398.451	-54.93	-20	Pass
NVNT	BLE	2402	2398.402	-55.29	-20	Pass
NVNT	BLE	2480	2484	-54.48	-10	Pass
NVNT	BLE	2480	2484.043	-54.54	-10	Pass
NVNT	BLE	2480	2485.043	-55.67	-20	Pass
NVNT	BLE	2480	2485.086	-55.74	-20	Pass

Tx. Emissions OOB NVNT BLE 2402MHz



Tx. Emissions OOB NVNT BLE 2480MHz

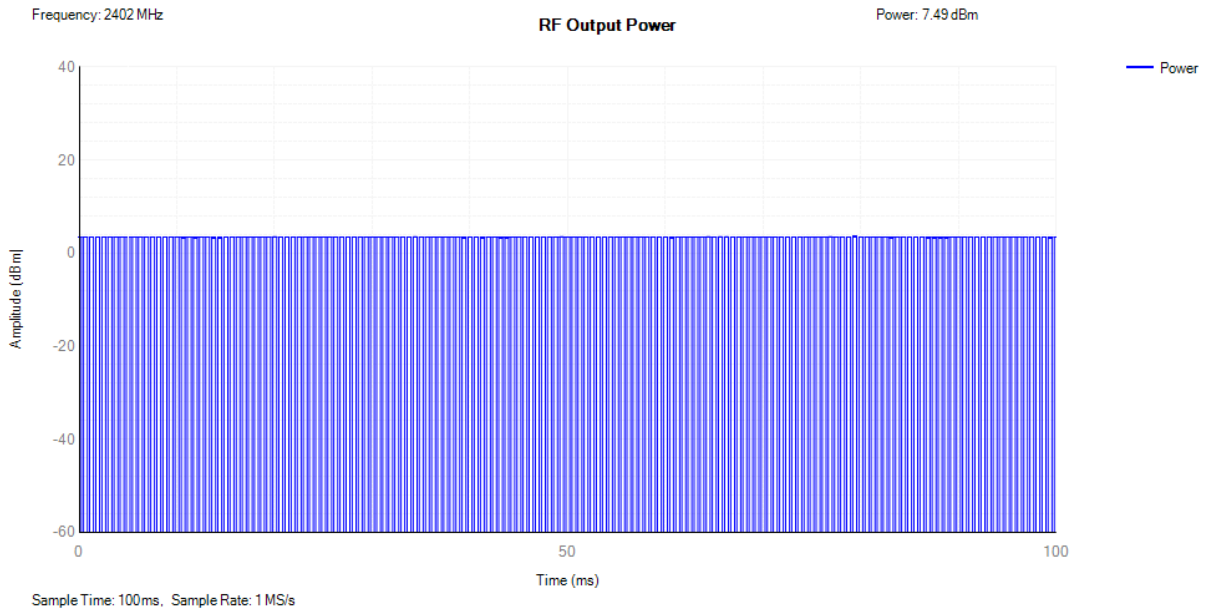


(Whip antenna: 4.0dBi)

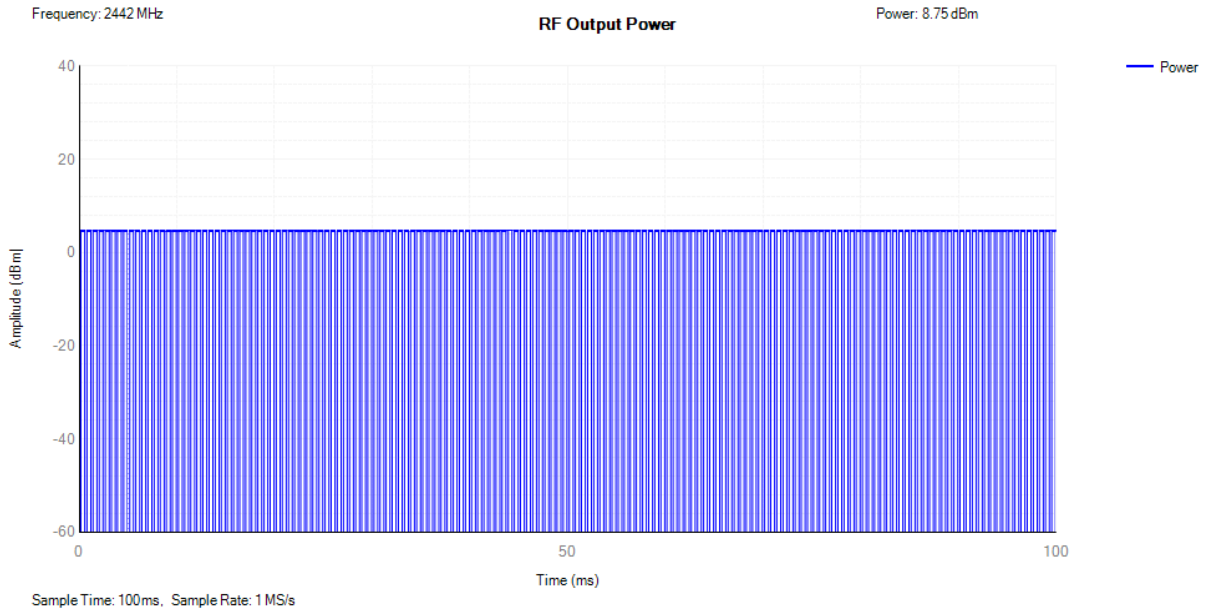
5.4.2 RF Output Power

Condition	Mode	Frequency (MHz)	Max Burst RMS Power (dBm)	Burst Number	Max EIRP (dBm)	Limit (dBm)	Verdict
NVHT	BLE	2402	3.49	161	7.49	20	Pass
NVHT	BLE	2442	4.75	160	8.75	20	Pass
NVHT	BLE	2480	5.58	160	9.58	20	Pass
NVLT	BLE	2402	3.5	160	7.5	20	Pass
NVLT	BLE	2442	4.73	161	8.73	20	Pass
NVLT	BLE	2480	5.57	160	9.57	20	Pass
NVNT	BLE	2402	3.5	161	7.5	20	Pass
NVNT	BLE	2442	4.76	160	8.76	20	Pass
NVNT	BLE	2480	5.62	161	9.62	20	Pass

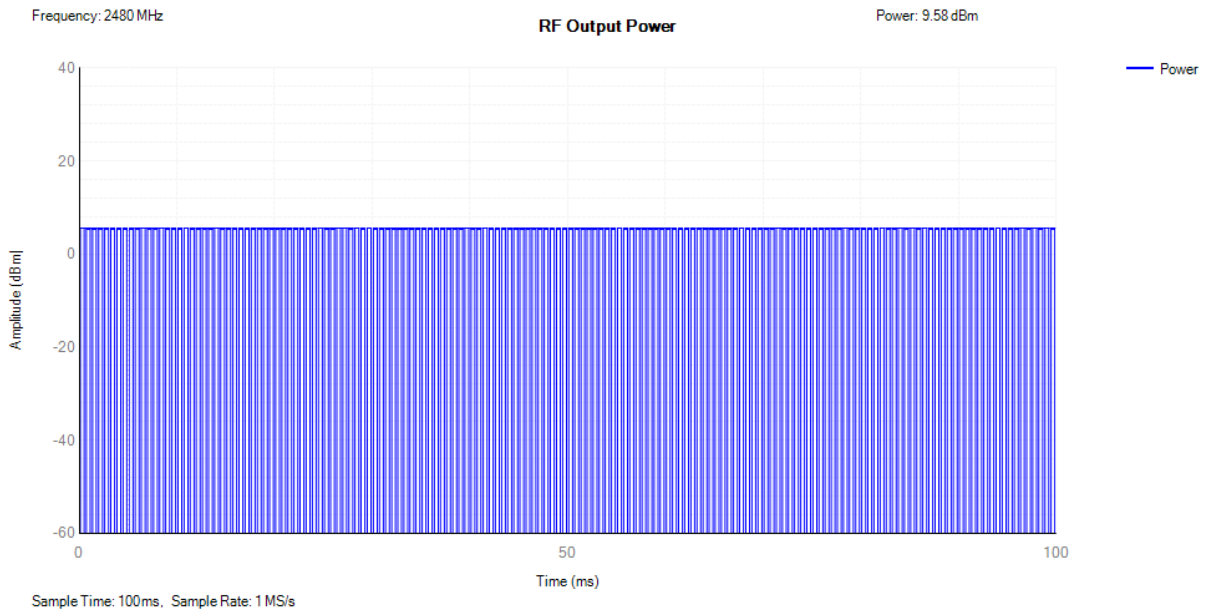
Power NVHT BLE 2402MHz



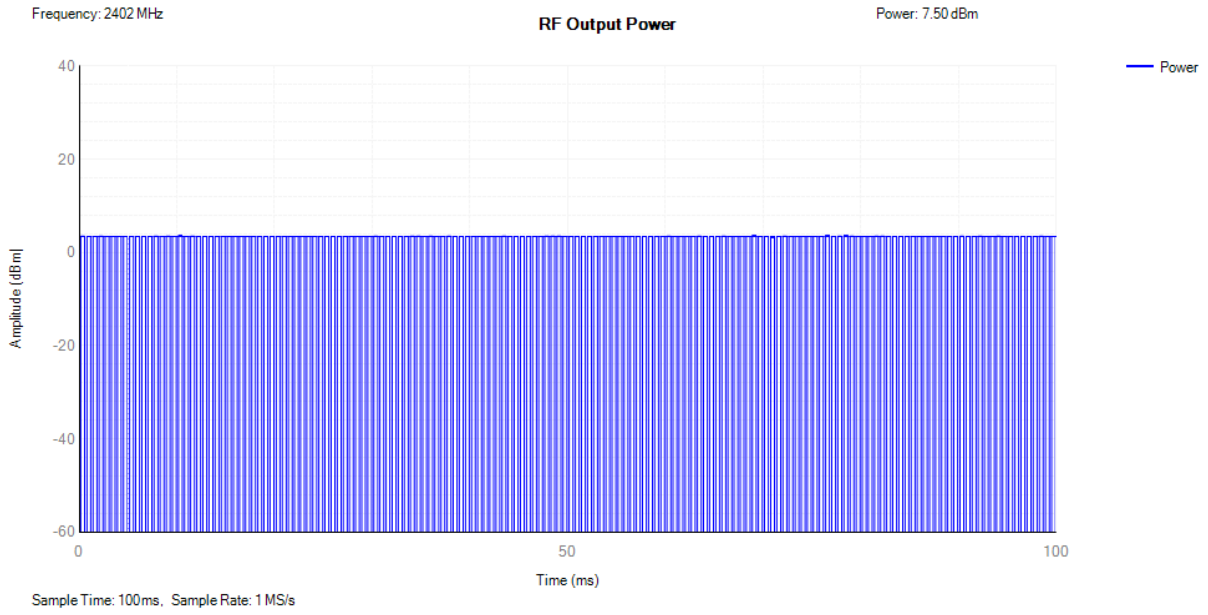
Power NVHT BLE 2442MHz



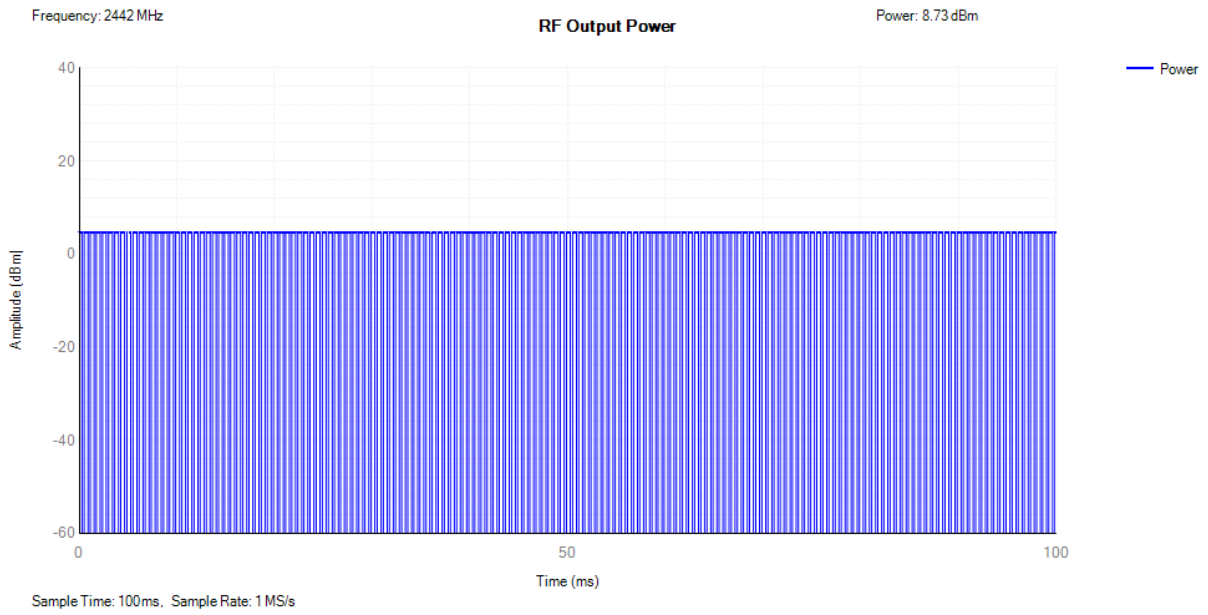
Power NVHT BLE 2480MHz



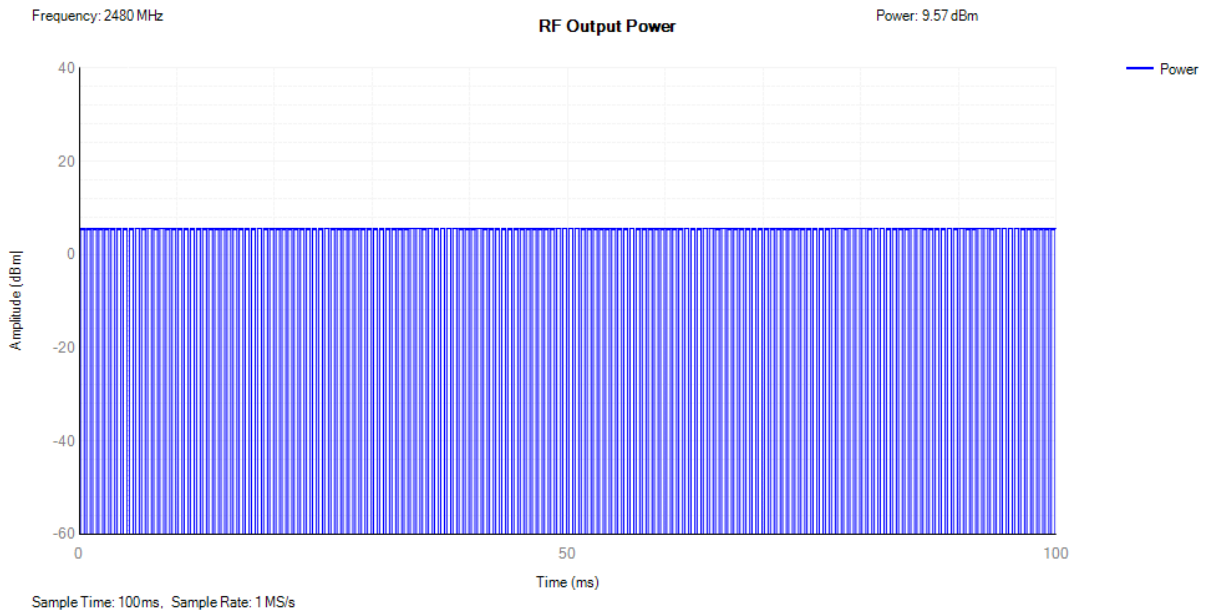
Power NVLT BLE 2402MHz



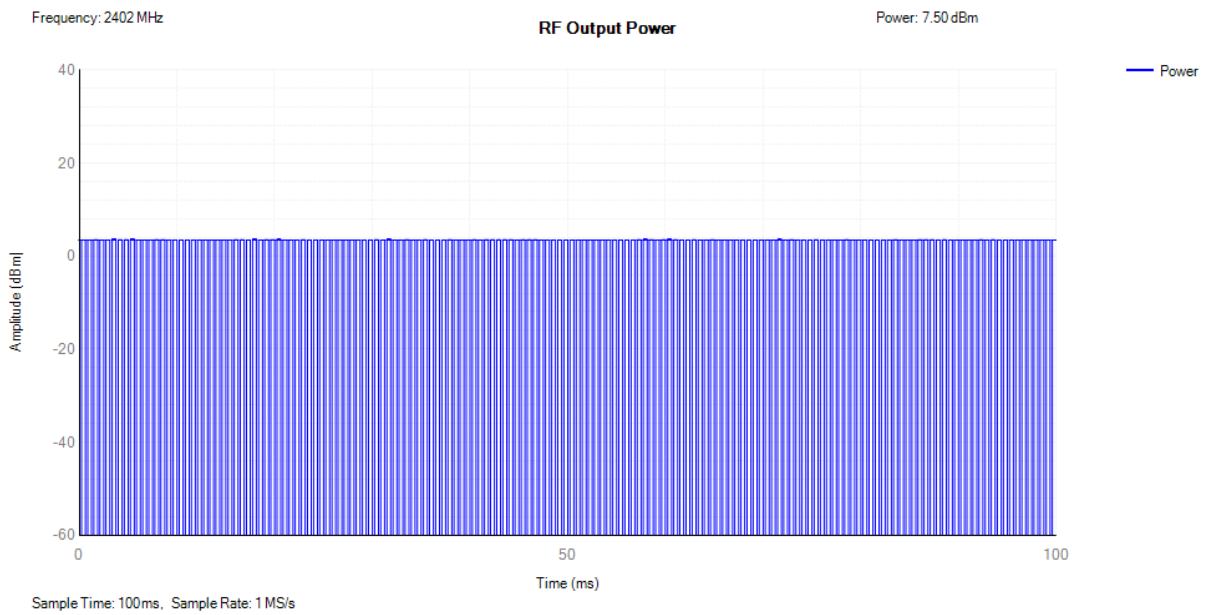
Power NVLT BLE 2442MHz



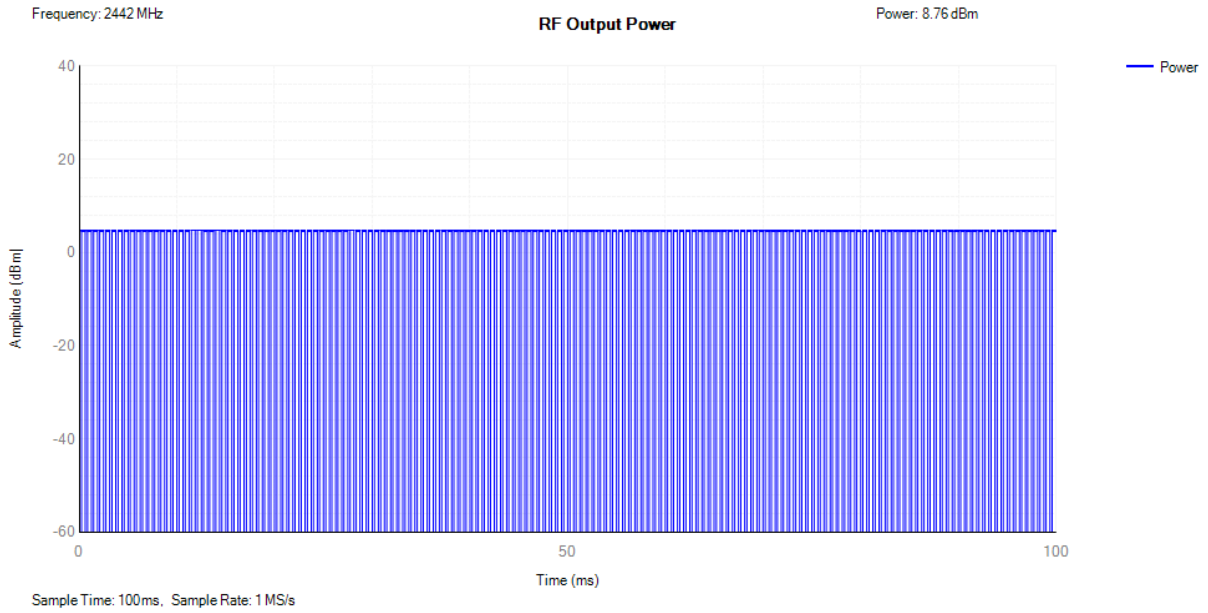
Power NVLT BLE 2480MHz



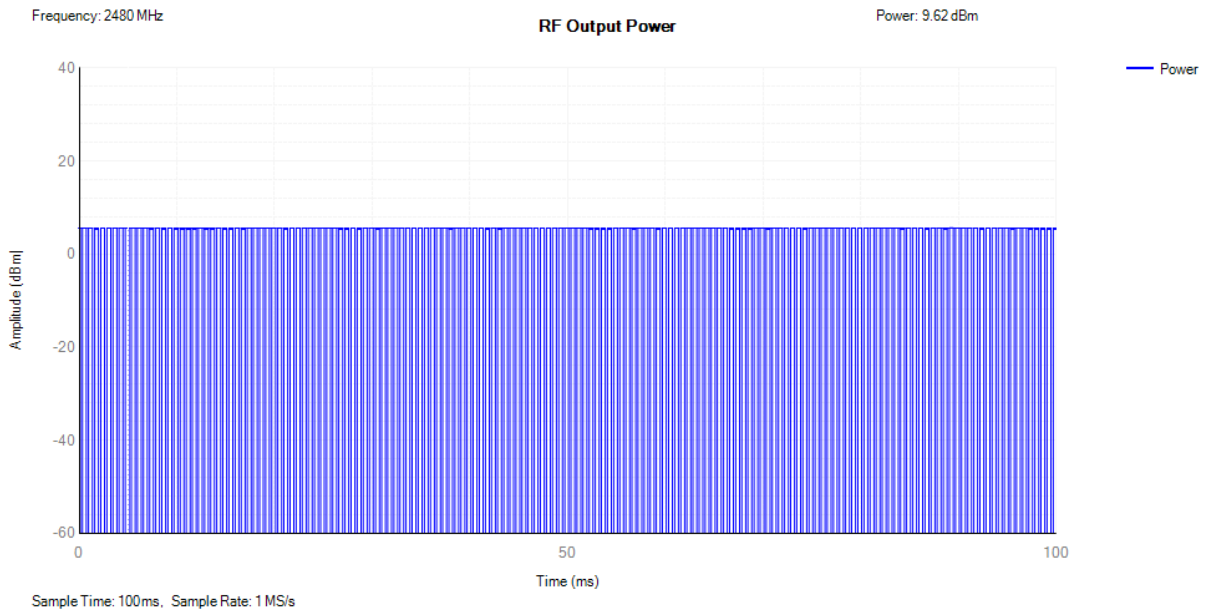
Power NVNT BLE 2402MHz



Power NVNT BLE 2442MHz



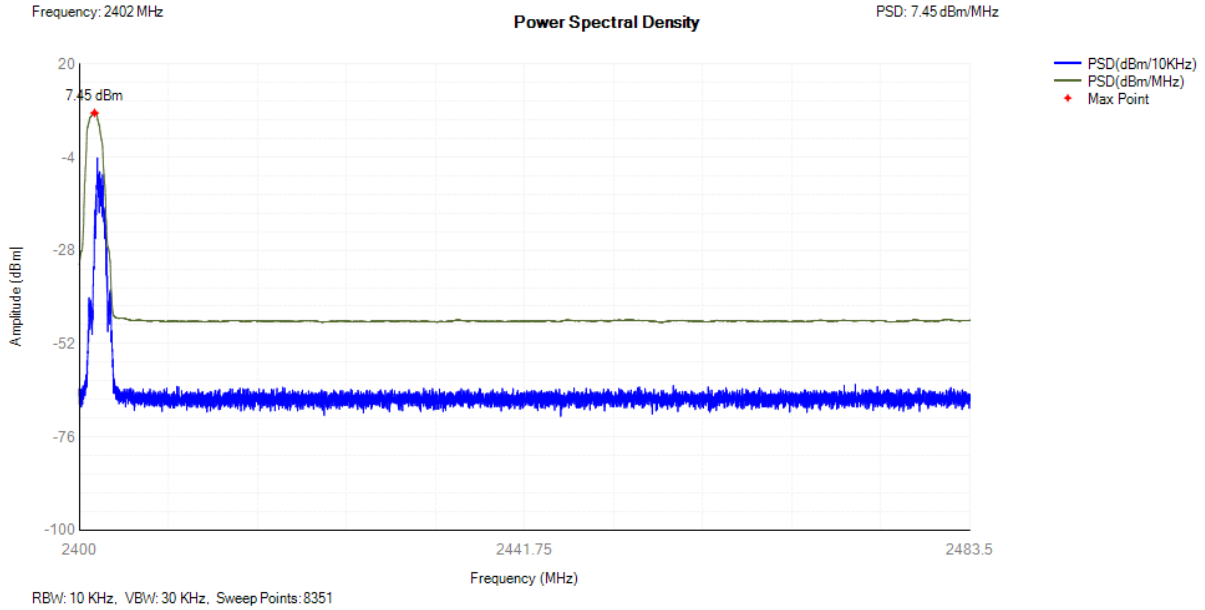
Power NVNT BLE 2480MHz



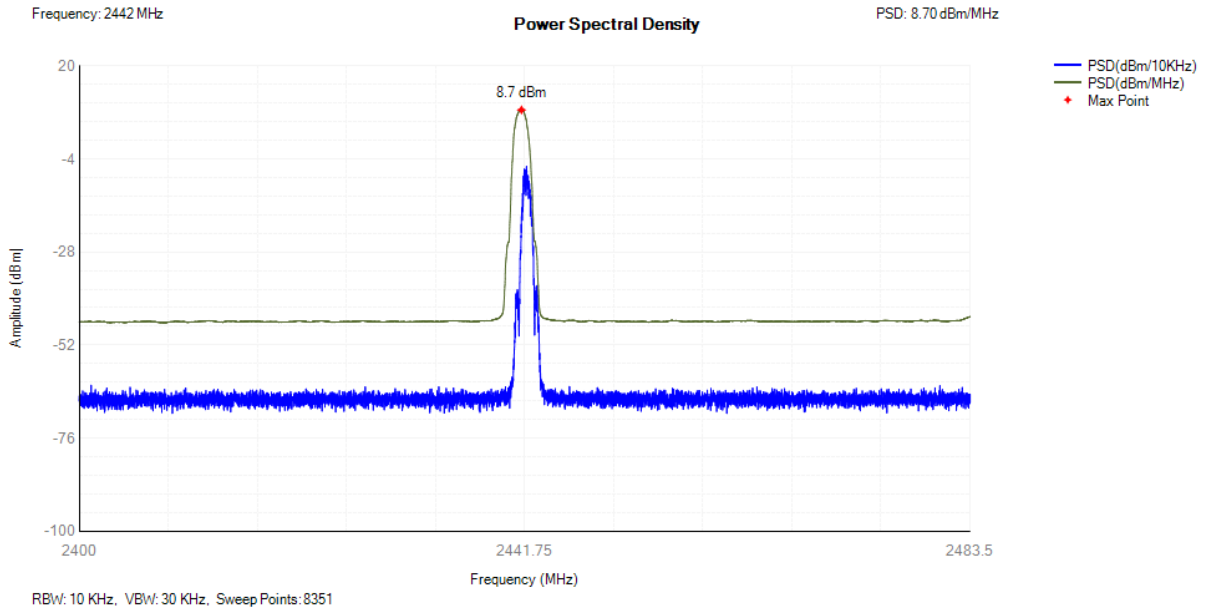
5.4.3 Power Spectral Density

Condition	Mode	Frequency (MHz)	Max PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE	2402	7.45	10	Pass
NVNT	BLE	2442	8.7	10	Pass
NVNT	BLE	2480	9.56	10	Pass

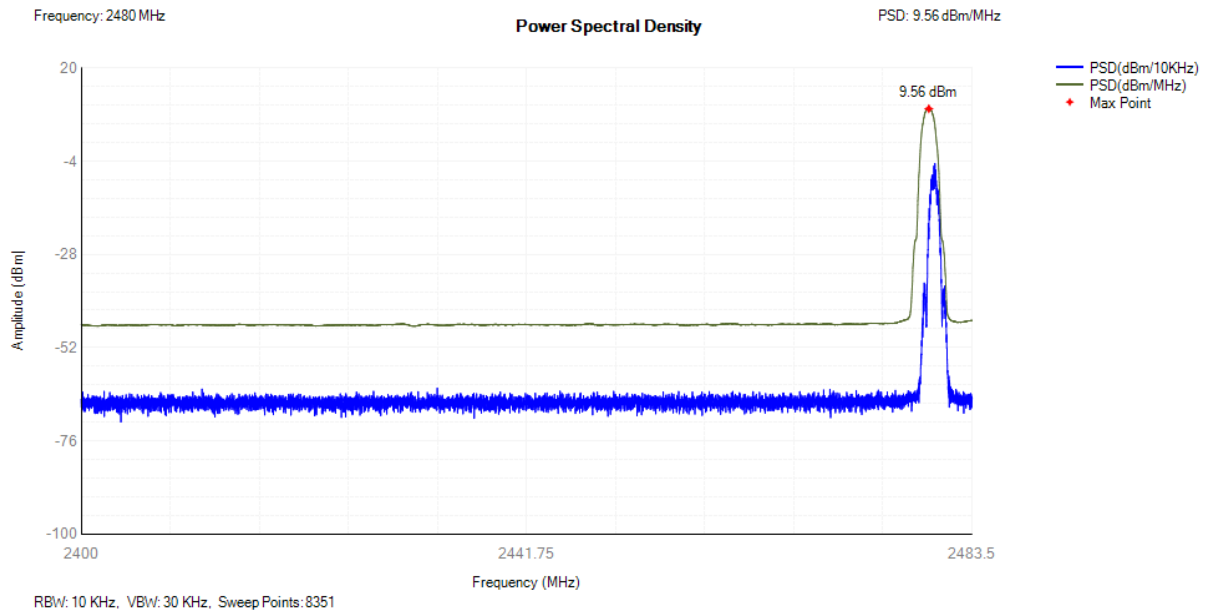
PSD NVNT BLE 2402MHz



PSD NVNT BLE 2442MHz



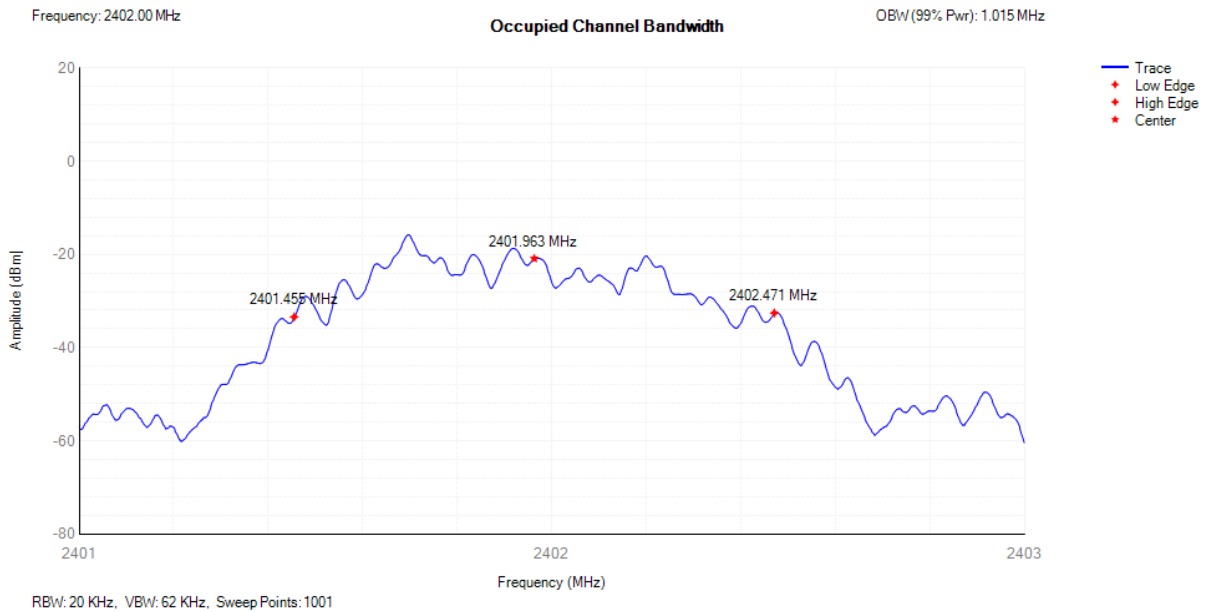
PSD NVNT BLE 2480MHz



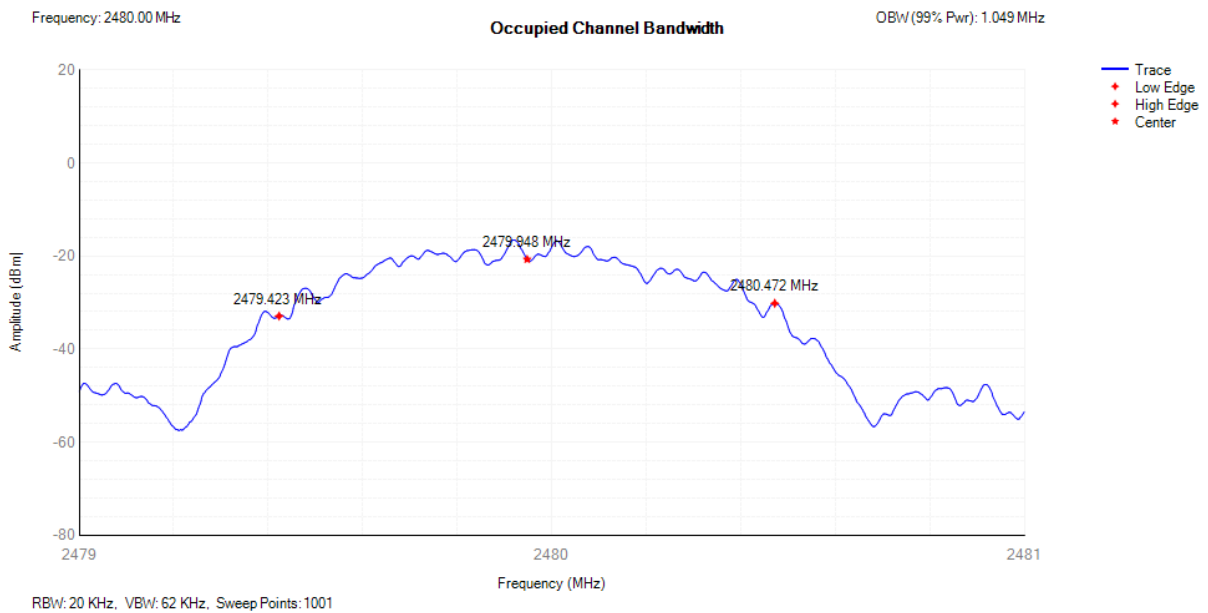
5.4.7 Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Center Frequency (MHz)	OBW (MHz)	Lower Edge (MHz)	Upper Edge (MHz)	Limit OBW (MHz)	Verdict
NVNT	BLE	2402	2401.963	1.015	2401.455	2402.471	2400 - 2483.5MHz	Pass
NVNT	BLE	2480	2479.948	1.049	2479.423	2480.472	2400 - 2483.5MHz	Pass

OBW NVNT BLE 2402MHz



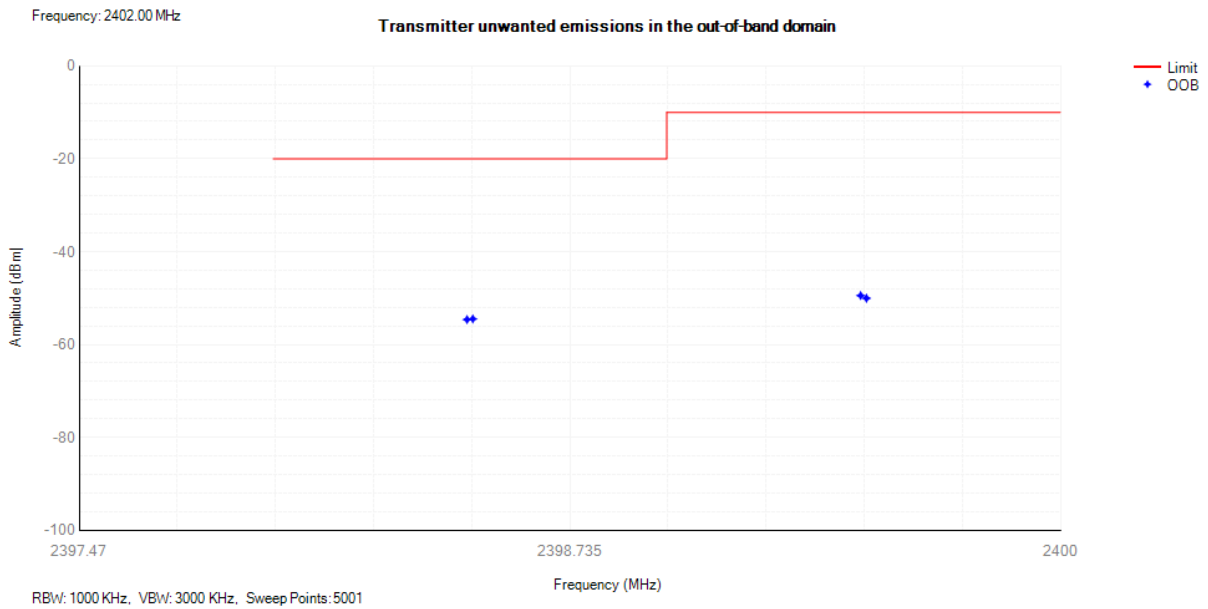
OBW NVNT BLE 2480MHz



5.4.8 Transmitter unwanted emissions in the out-of-band domain

Condition	Mode	Frequency (MHz)	OOB Frequency (MHz)	Level (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	BLE	2402	2399.5	-50.02	-10	Pass
NVNT	BLE	2402	2399.485	-49.44	-10	Pass
NVNT	BLE	2402	2398.485	-54.47	-20	Pass
NVNT	BLE	2402	2398.47	-54.61	-20	Pass
NVNT	BLE	2480	2484	-54.45	-10	Pass
NVNT	BLE	2480	2484.049	-54.57	-10	Pass
NVNT	BLE	2480	2485.049	-55.66	-20	Pass
NVNT	BLE	2480	2485.098	-55.8	-20	Pass

Tx. Emissions OOB NVNT BLE 2402MHz



Tx. Emissions OOB NVNT BLE 2480MHz

