

Report for Test data FCC ID:2BEIV-OSTC01

Product : Talking Clock
Model Name : OSTC01
Brand : TimeVocalist
Report No. : NCT24002123E-2

Prepared for

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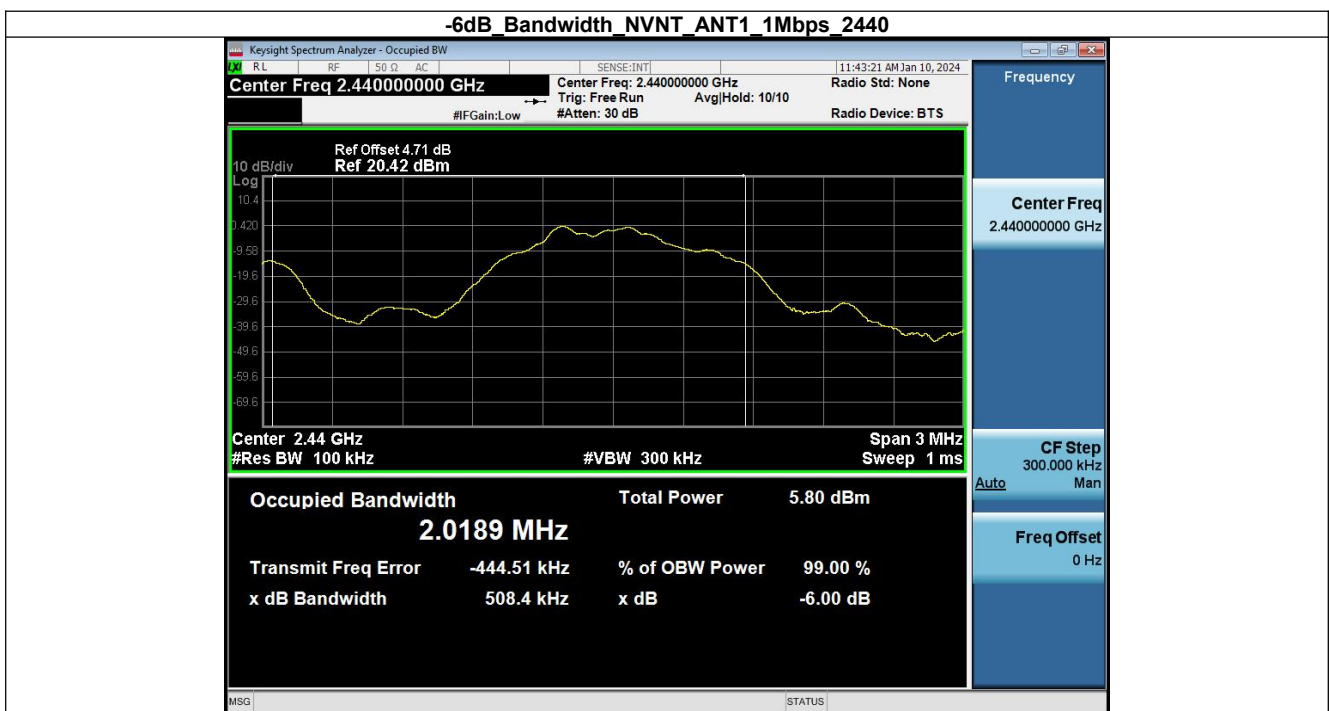
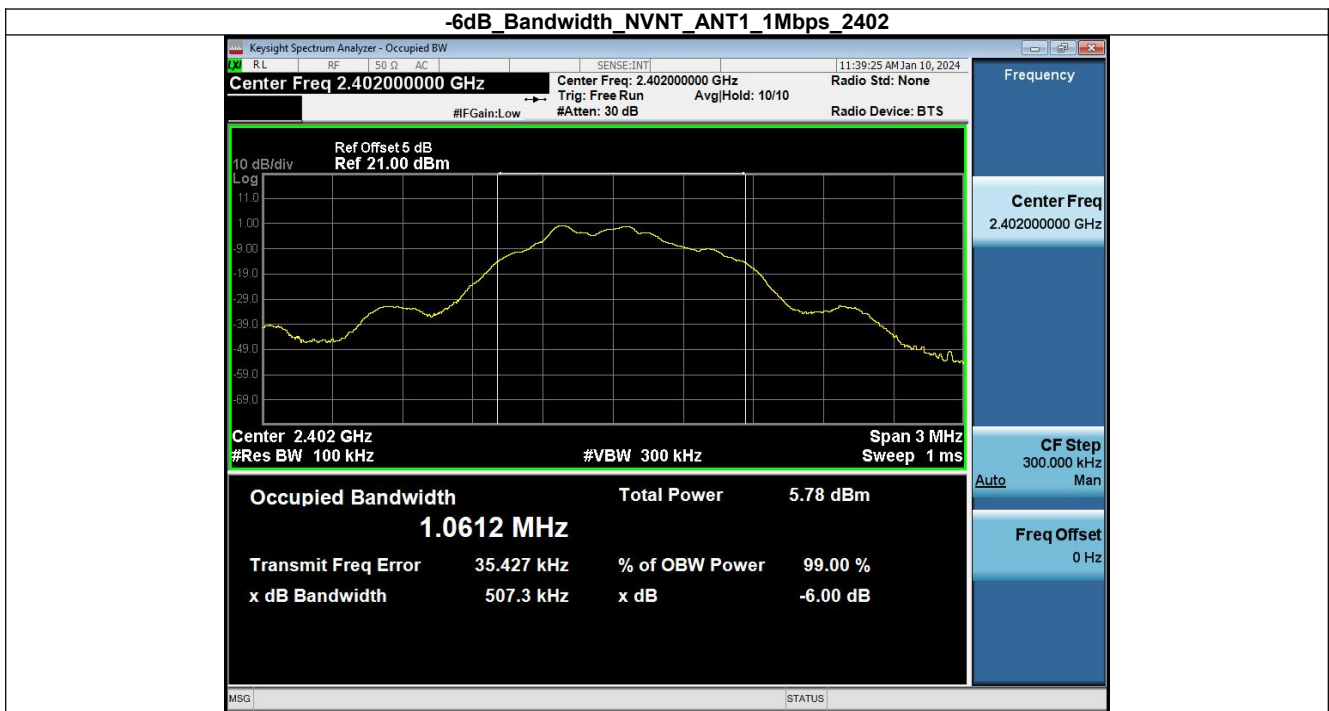
TEL: 400-8868-419

Table of Contents

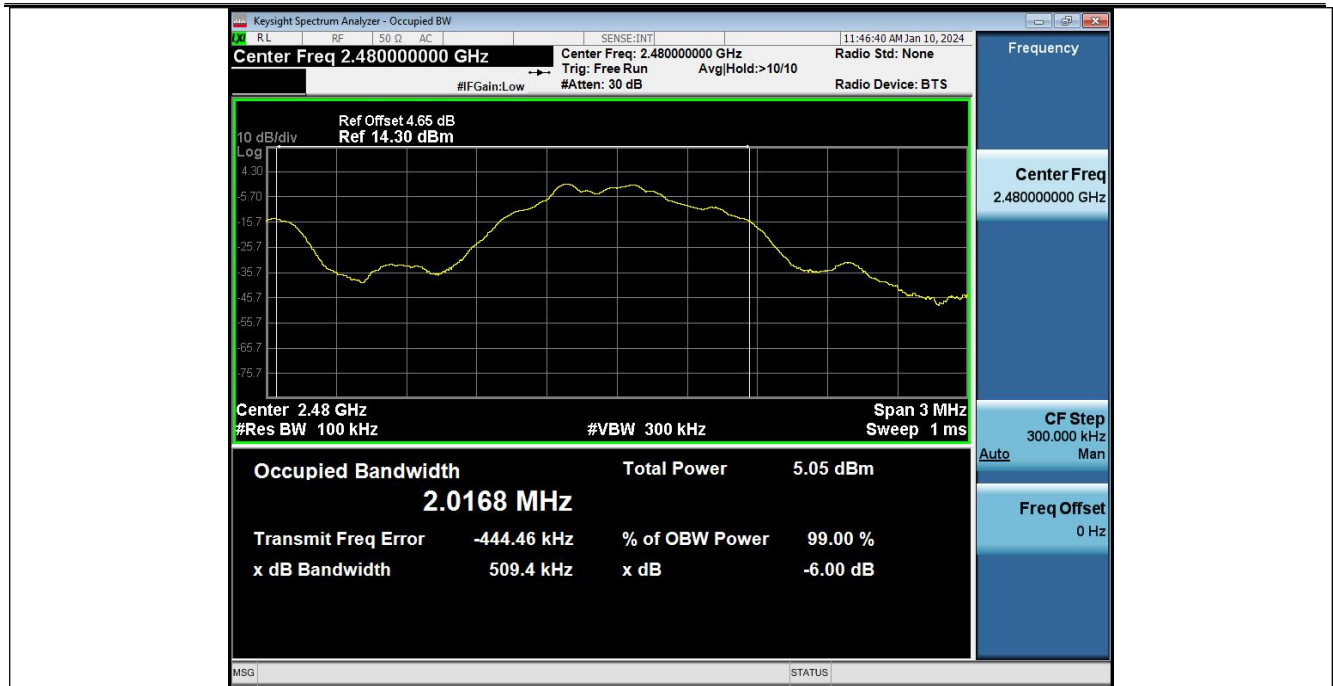
1. -6dB Bandwidth	3
2. 99% Occupied Bandwidth	5
3. Duty Cycle	7
4. Peak Output Power	9
5. Power Spectral Density	11
6. Bandedge	13
7. Spurious Emission	15

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	507.30	500	Pass
NVNT	ANT1	1Mbps	2440.00	508.43	500	Pass
NVNT	ANT1	1Mbps	2480	509.40	500	Pass



-6dB_Bandwidth_NVNT_ANT1_1Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.018
NVNT	ANT1	1Mbps	2440.00	2.029
NVNT	ANT1	1Mbps	2480	2.028

99% Occupied Bandwidth NVNT ANT1 1Mbps 2402



99% Occupied Bandwidth NVNT ANT1 1Mbps 2440

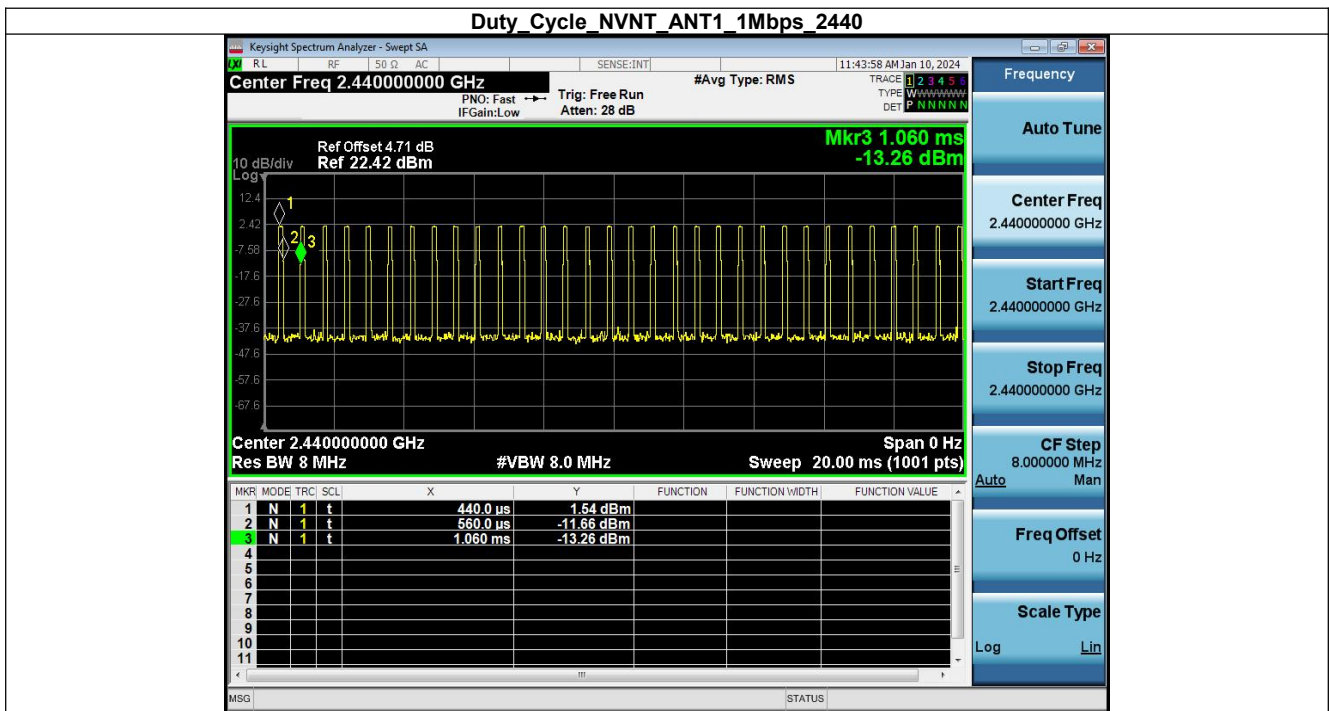
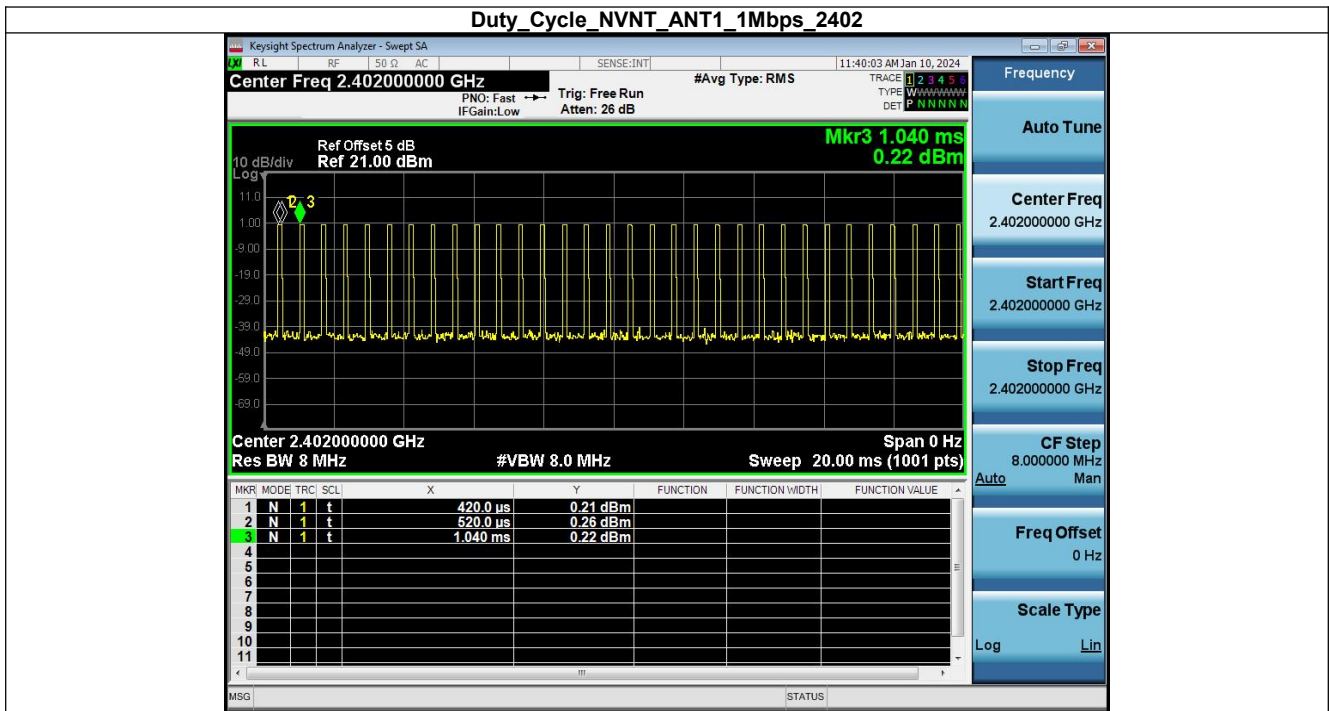


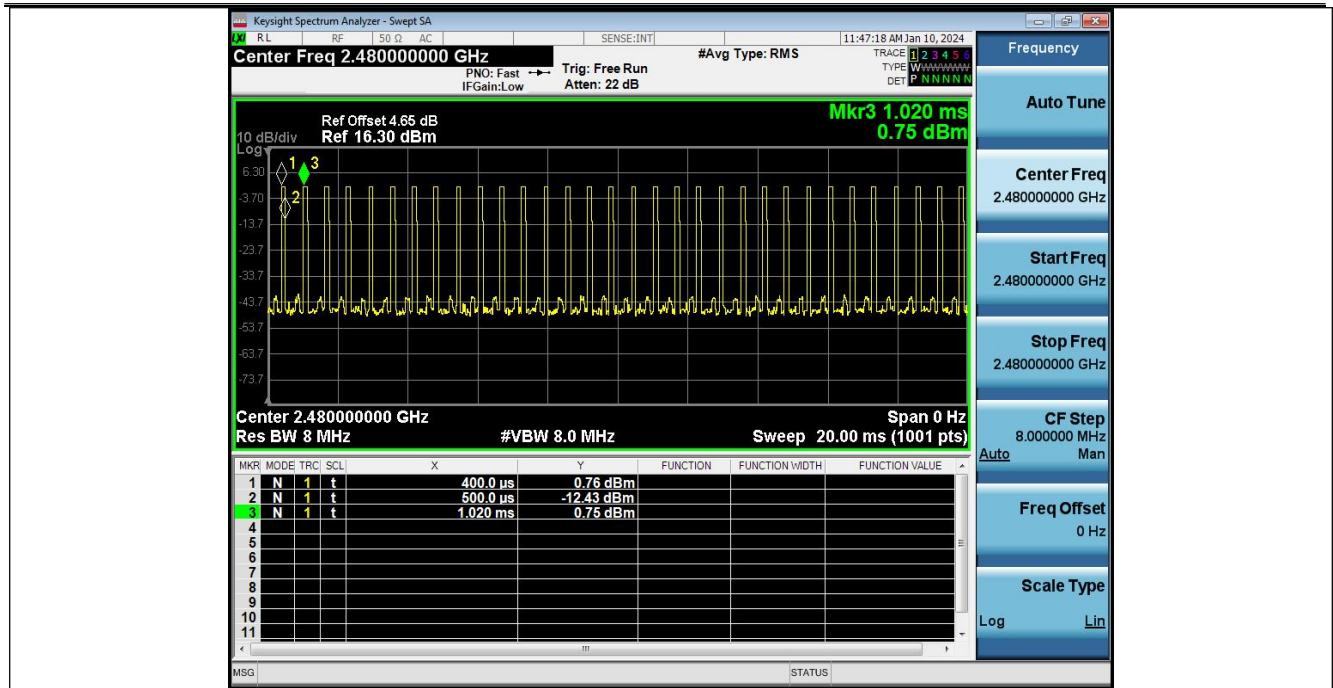
99% Occupied Bandwidth NVNT ANT1 1Mbps 2480



3. Duty Cycle

Condition	Antenna	Rate	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	1Mbps	2402	16.13	7.92
NVNT	ANT1	1Mbps	2440.00	19.35	7.13
NVNT	ANT1	1Mbps	2480	16.13	7.92





4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	0.237	1.06	1000	Pass
NVNT	ANT1	1Mbps	2440.00	1.377	1.37	1000	Pass
NVNT	ANT1	1Mbps	2480	0.662	1.16	1000	Pass

Peak_Output_Power_NVNT_ANT1_1Mbps_2402



Peak_Output_Power_NVNT_ANT1_1Mbps_2440



Peak_Output_Power_NVNT_ANT1_1Mbps_2480



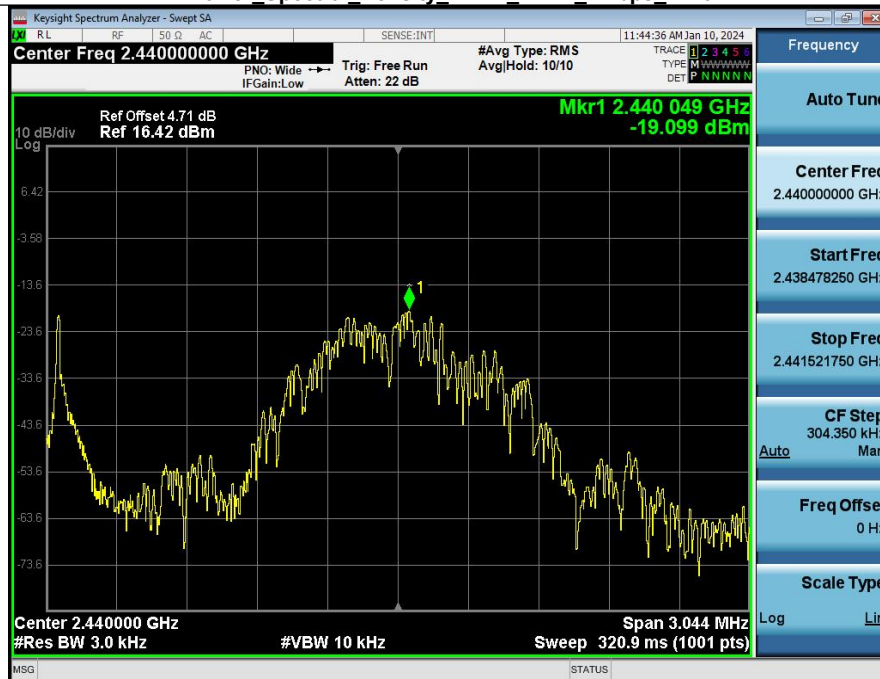
5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-18.75	8	Pass
NVNT	ANT1	1Mbps	2440.00	-19.10	8	Pass
NVNT	ANT1	1Mbps	2480	-20.06	8	Pass

Power_Spectral_Density_NVNT_ANT1_1Mbps_2402



Power_Spectral_Density_NVNT_ANT1_1Mbps_2440



Power_Spectral_Density_NVNT_ANT1_1Mbps_2480



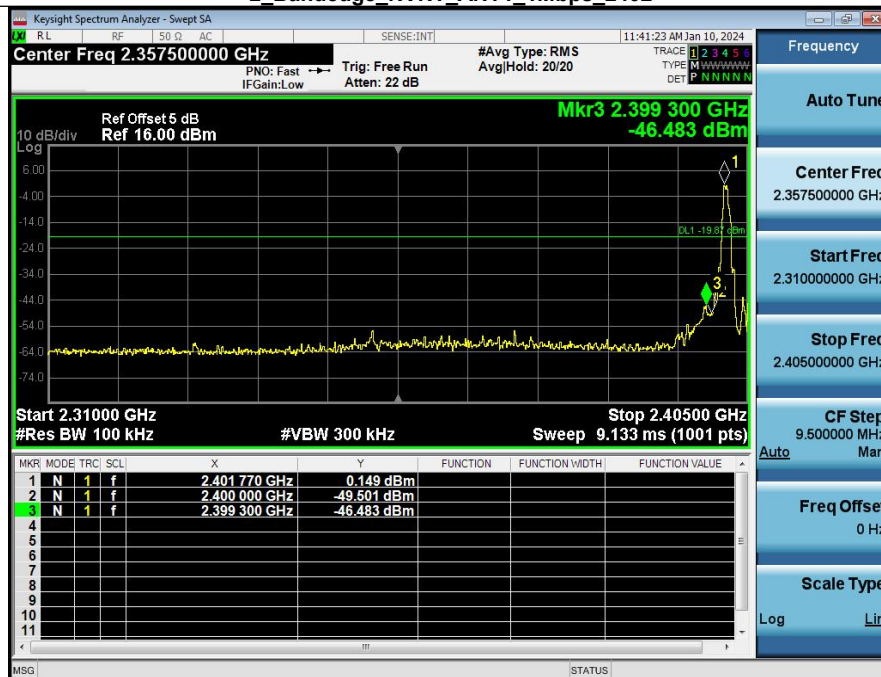
6. Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.300	-46.483	-19.874	Pass
NVNT	ANT1	1Mbps	2480	2483.625	-51.178	-20.663	Pass

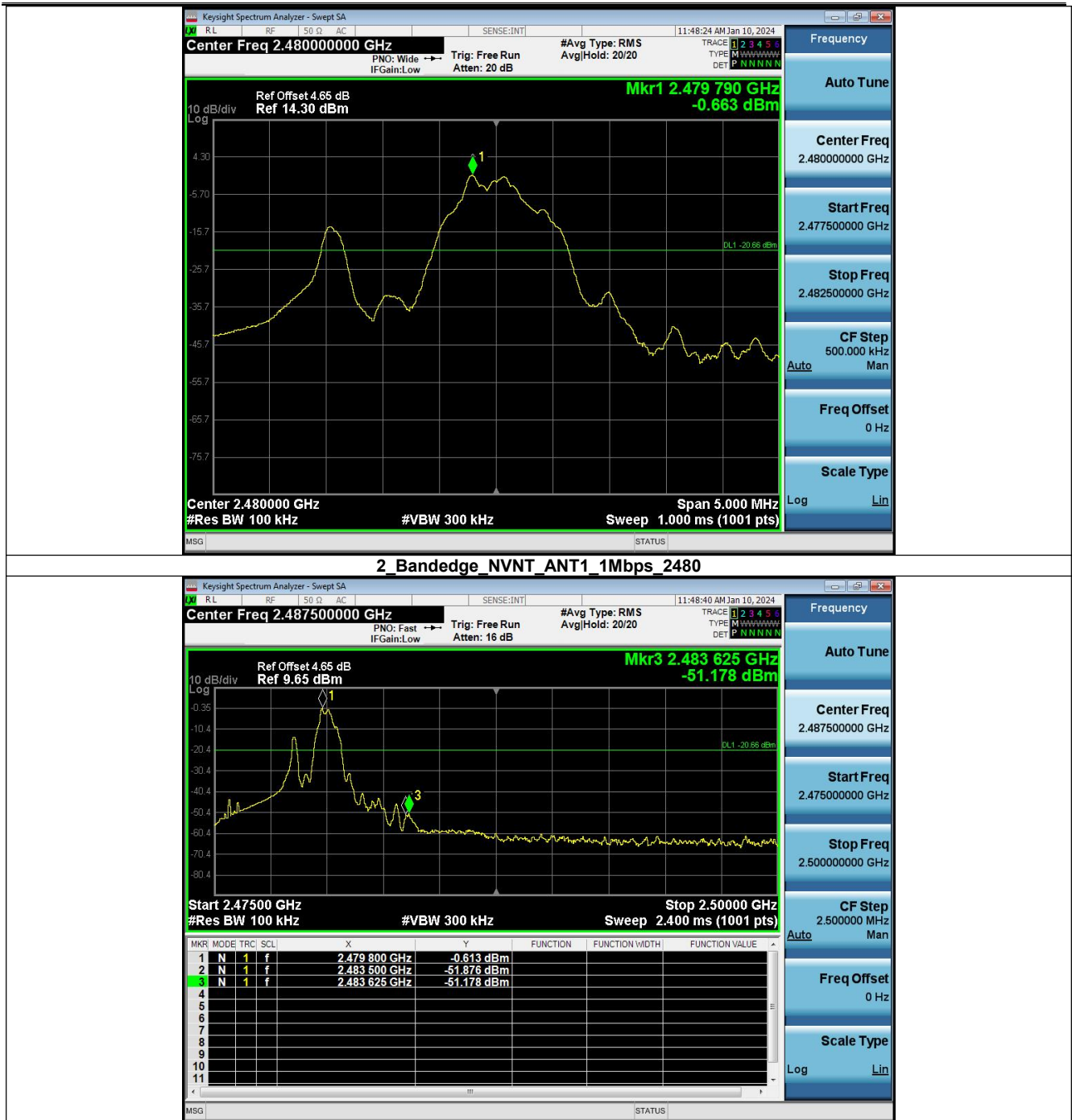
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2_Bandedge_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2480



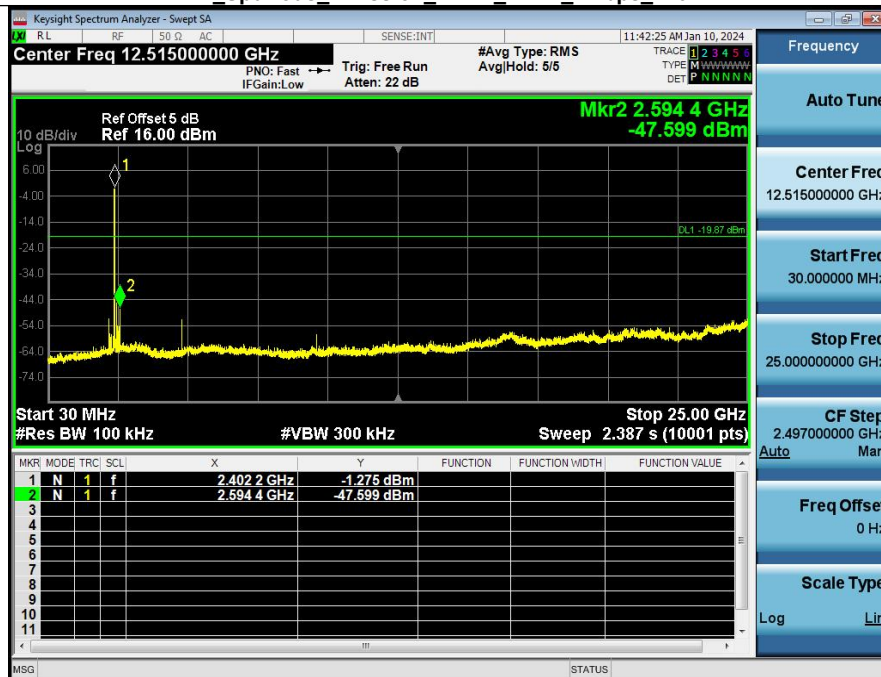
7. Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	1Mbps	2402	-47.599	-19.874	Pass
NVNT	ANT1	1Mbps	2440.00	-45.920	-19.850	Pass
NVNT	ANT1	1Mbps	2480	-41.286	-20.663	Pass

1_Reference_Level_NVNT_ANT1_1Mbps_2402



2_Spurious_Emission_NVNT_ANT1_1Mbps_2402



1_Reference_Level_NVNT_ANT1_1Mbps_2440



