

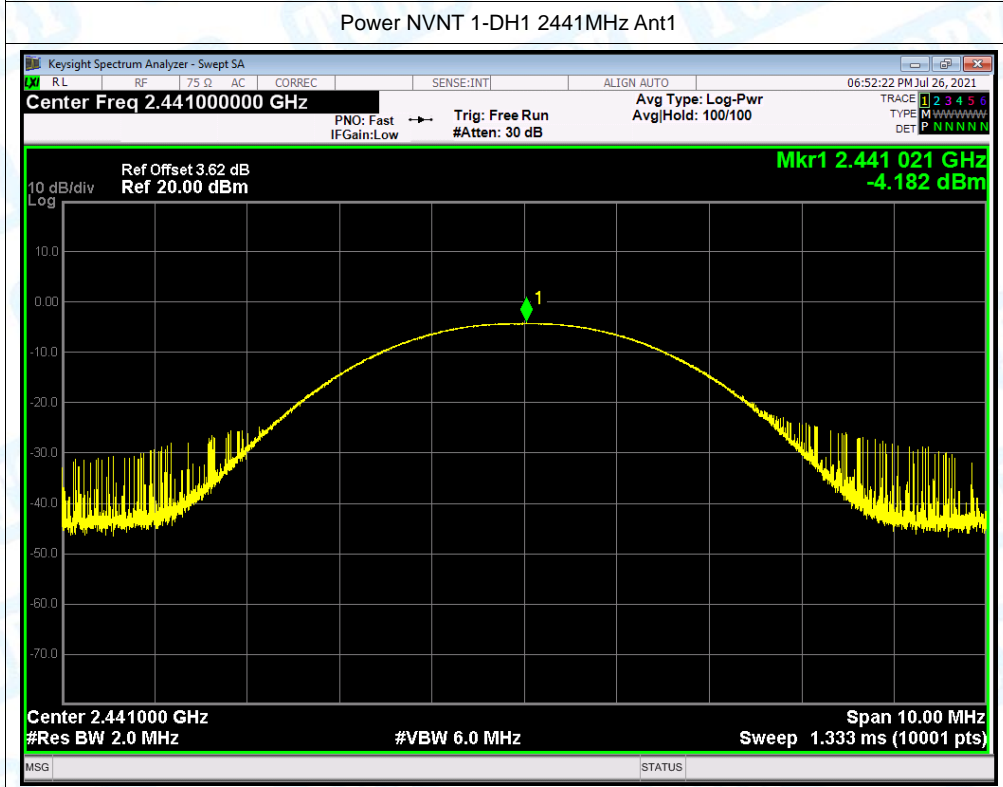
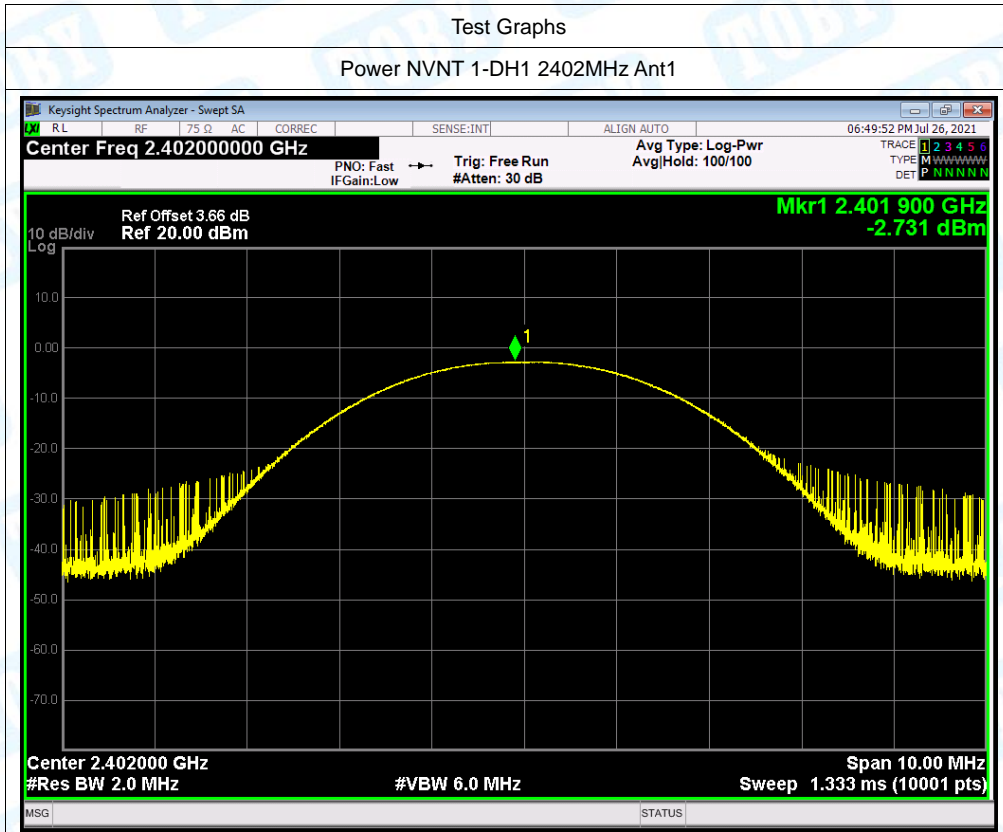
# RF Test Data for Bluetooth(BDR+EDR) (Conducted Measurements)

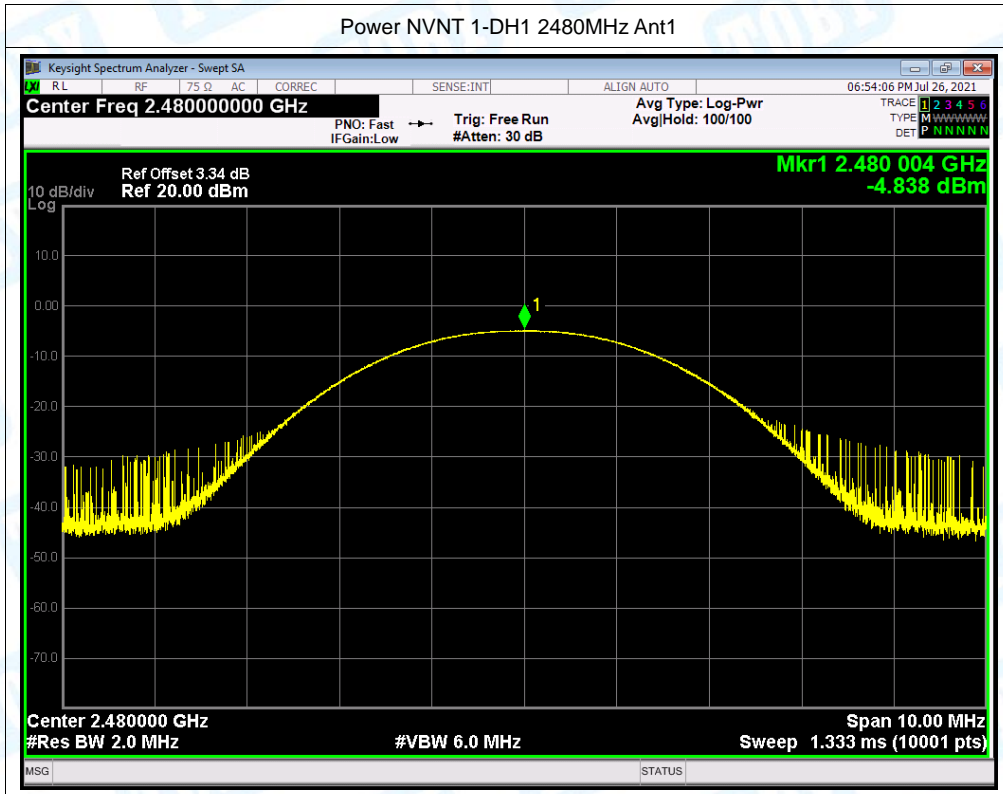
General Description of EUT	
<b>Product Name:</b>	AI 360 FACE/OBJECT TRACKING TRIPOD
<b>Test Model:</b>	IJOY TRACK
<b>Sample ID:</b>	20210709-14-2#
Environmental Conditions	
<b>Temperature:</b>	23.8°C
<b>Relative Humidity:</b>	48%
<b>Test Voltage:</b>	DC 5V
<b>Test Engineer:</b>	HeJingchang
Note: For a more detailed features description, please refer to the report TB-RF180812.	

## 1. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	-2.731	0	-2.731	21	Pass
NVNT	1-DH1	2441	Ant1	-4.182	0	-4.182	21	Pass
NVNT	1-DH1	2480	Ant1	-4.838	0	-4.838	21	Pass



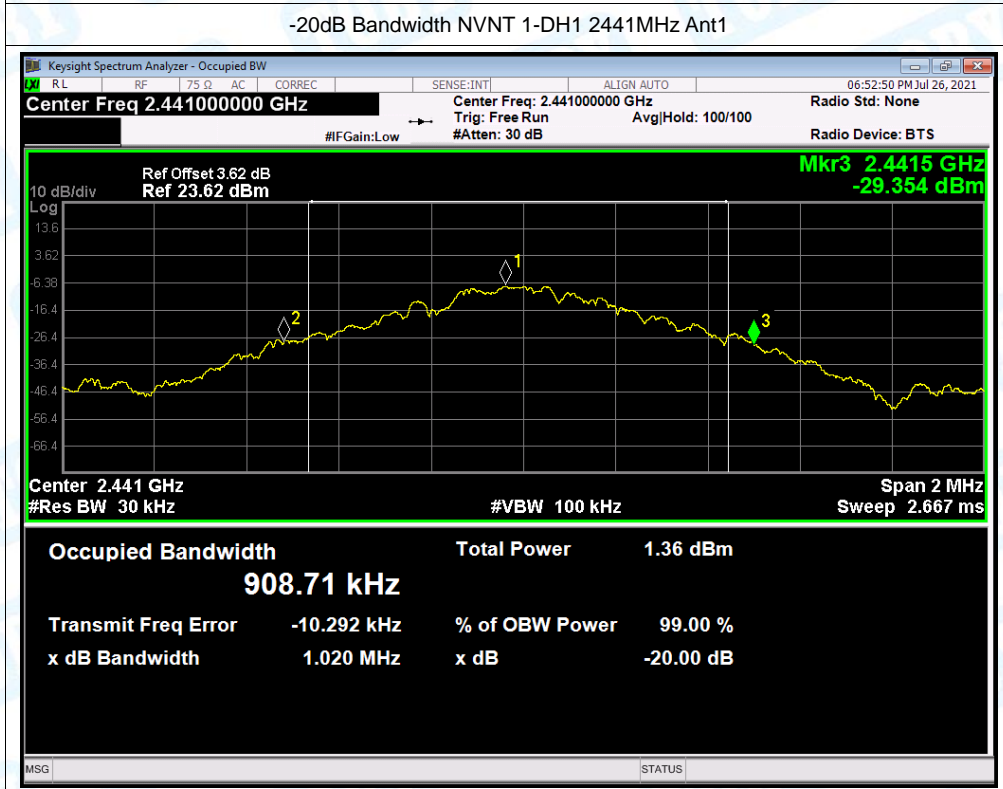
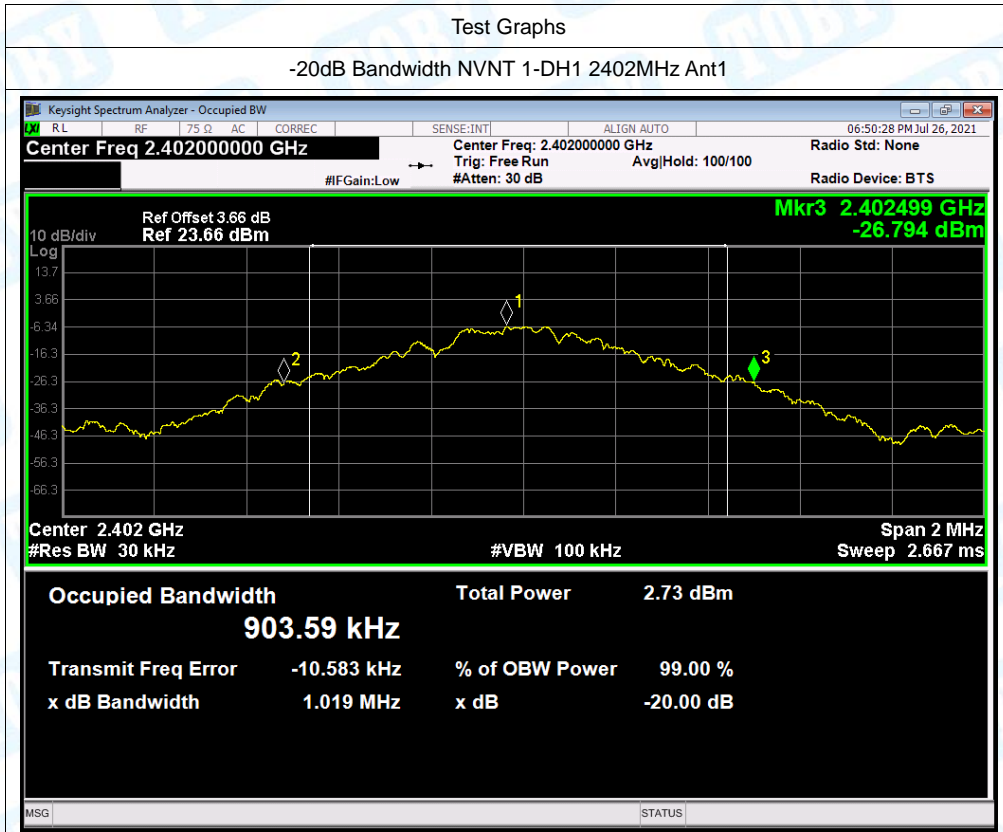




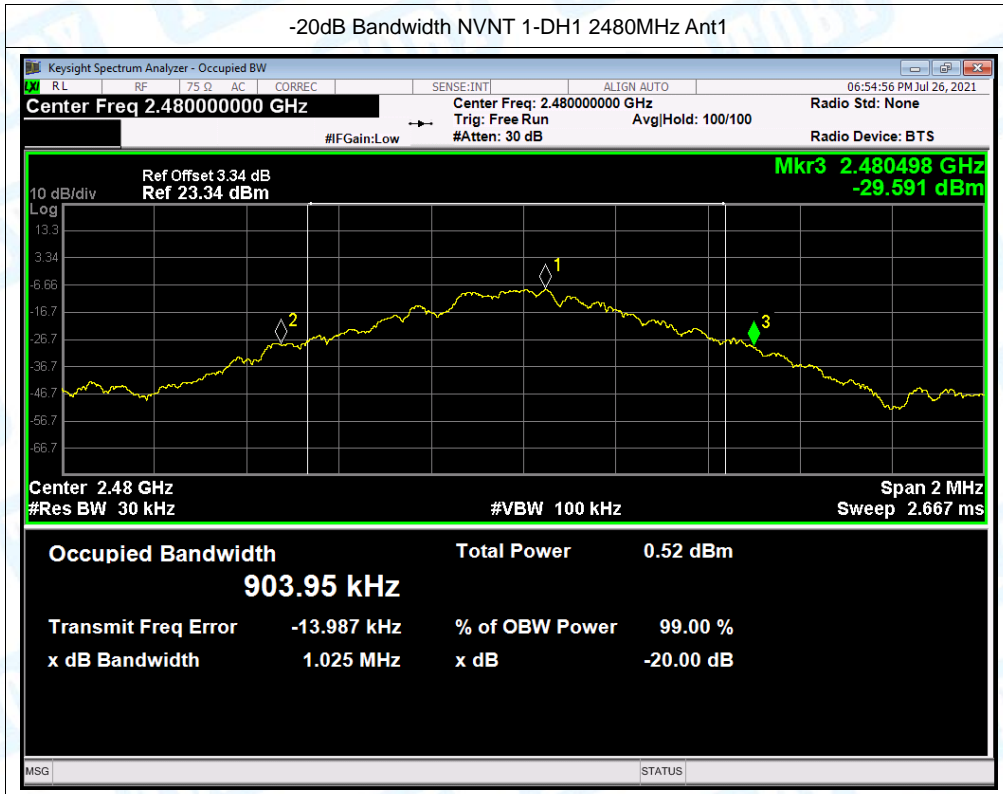


## 2.-20dB Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)	-20 dB Bandwidth (MHz)	2/3 *20dB BW (MHz)
NVNT	GFSK	2402	0.90359	1.019	0.679
NVNT		2441	0.90871	1.020	0.680
NVNT		2480	0.90395	1.025	0.683



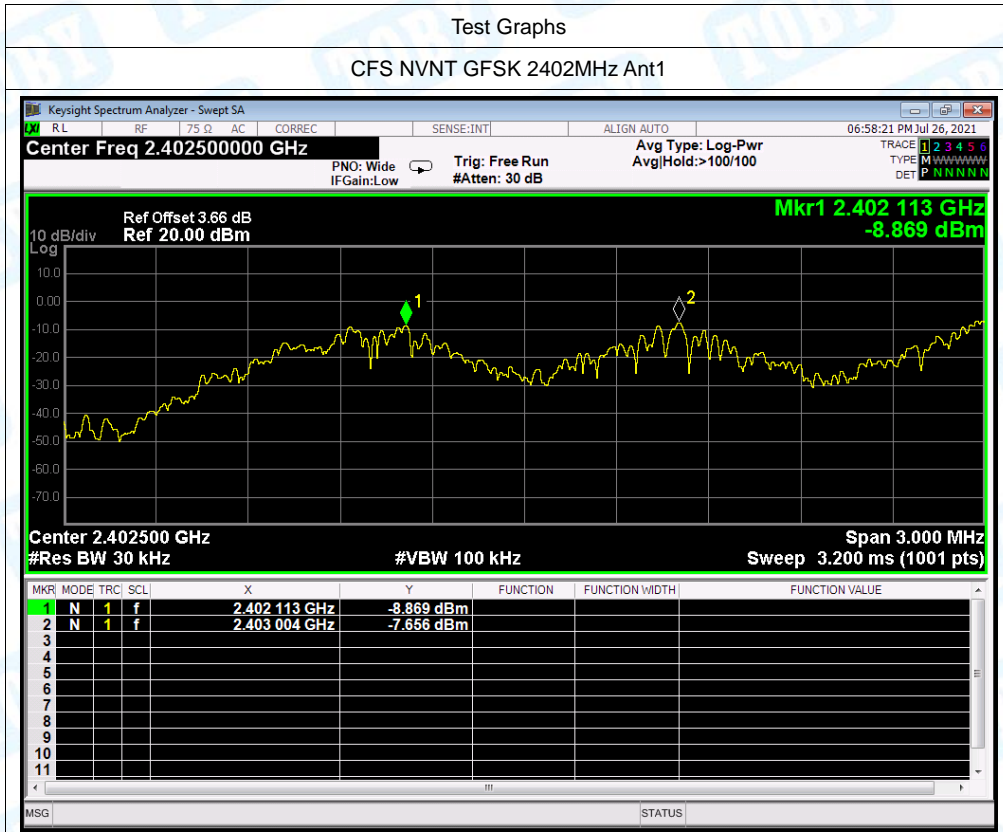


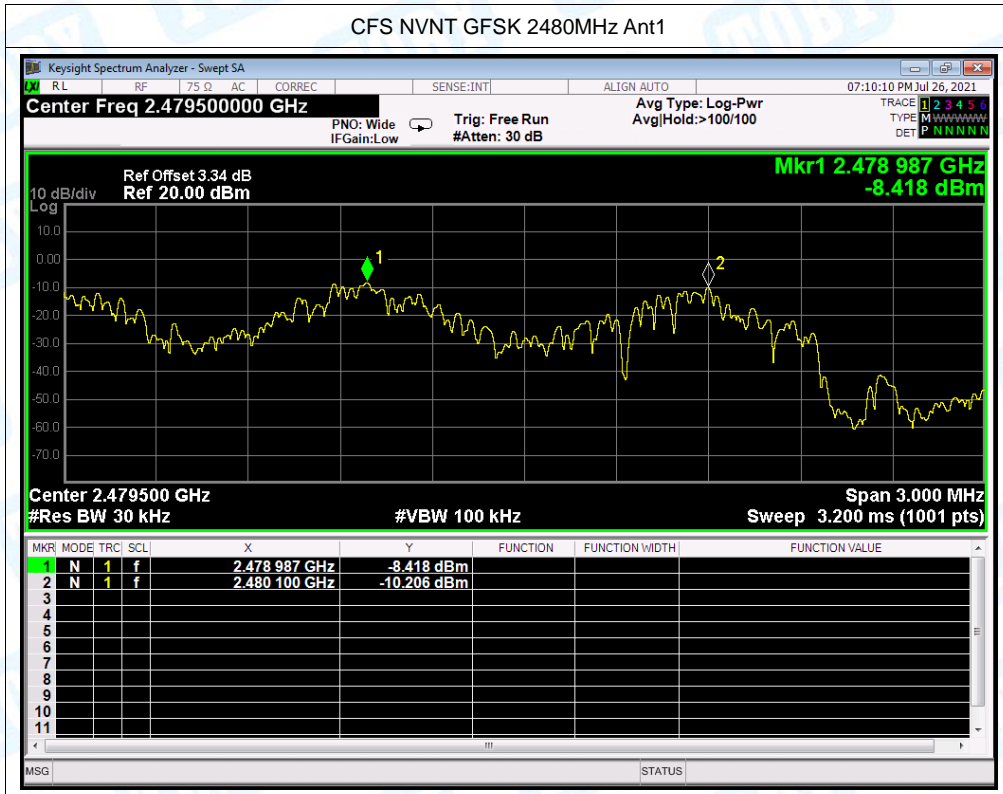


### 3.Carrier Frequencies Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	GFSK	2402.113	2403.004	0.891	0.679	Pass
NVNT		2441.053	2442.001	0.948	0.680	Pass
NVNT		2478.987	2480.100	1.113	0.683	Pass



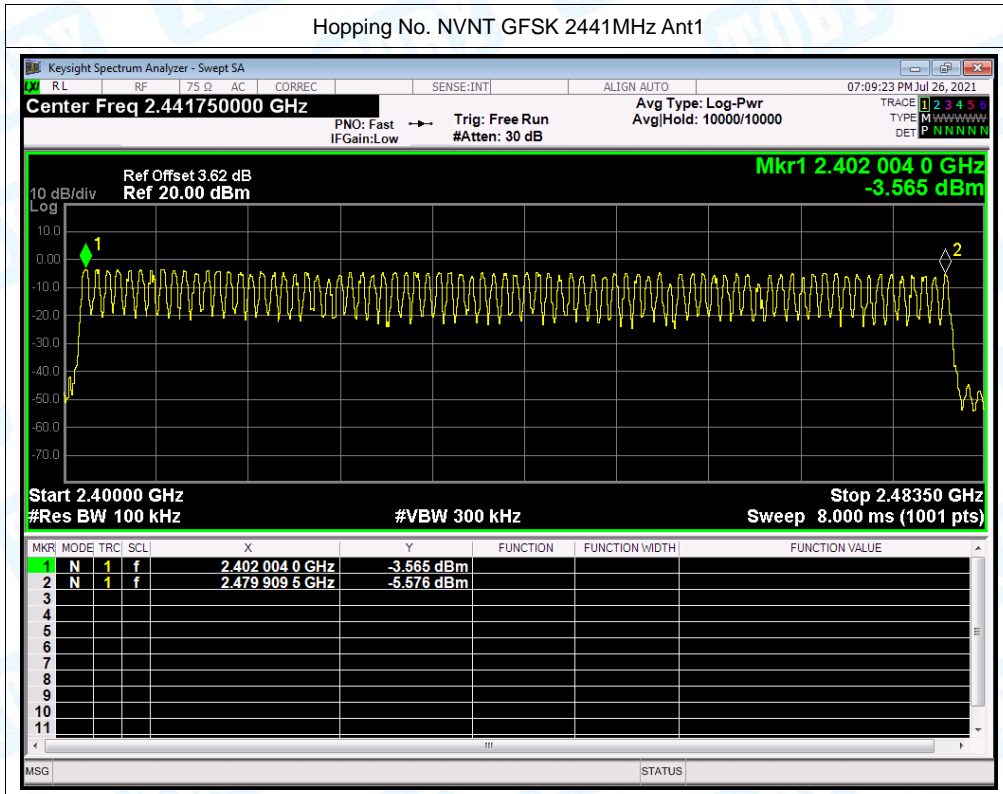






#### 4. Number of Hopping Channel

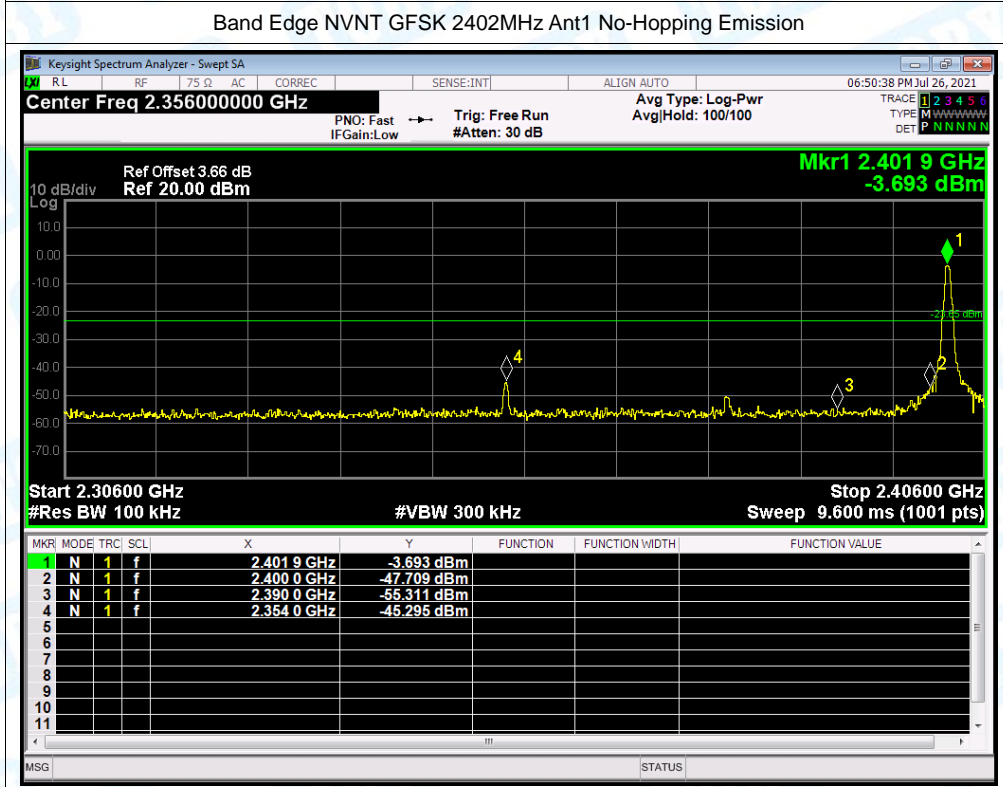
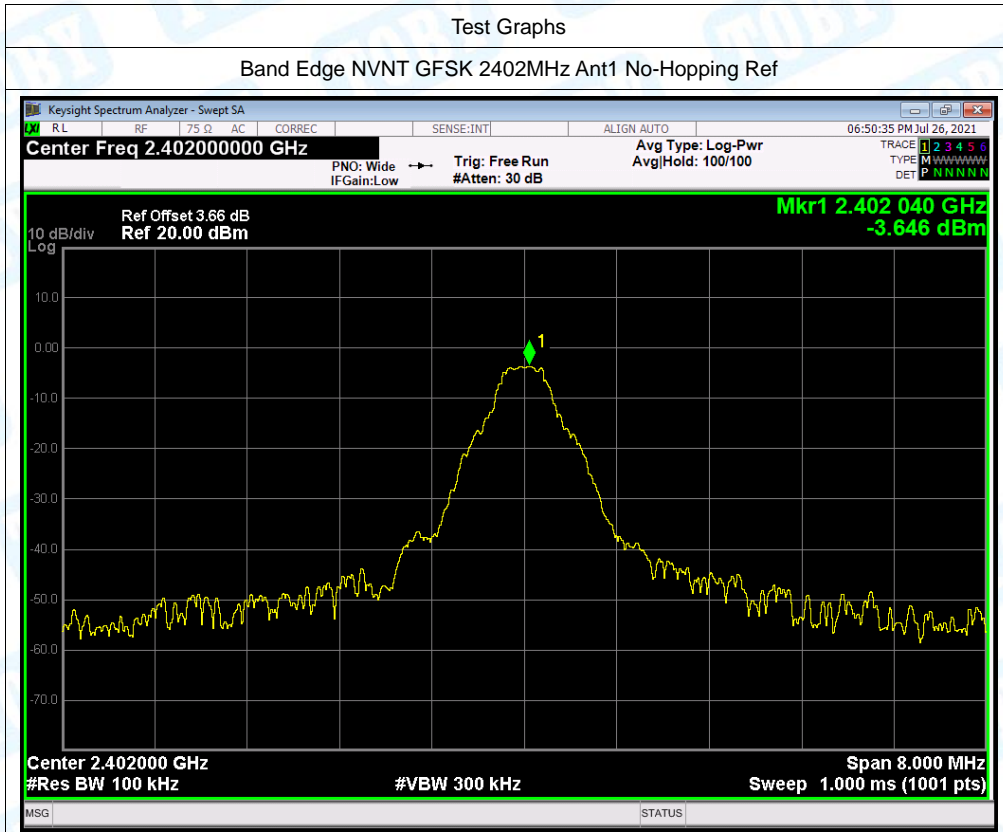
Condition	Mode	Hopping Number	Limit	Verdict
NVNT	GFSK	79	15	Pass



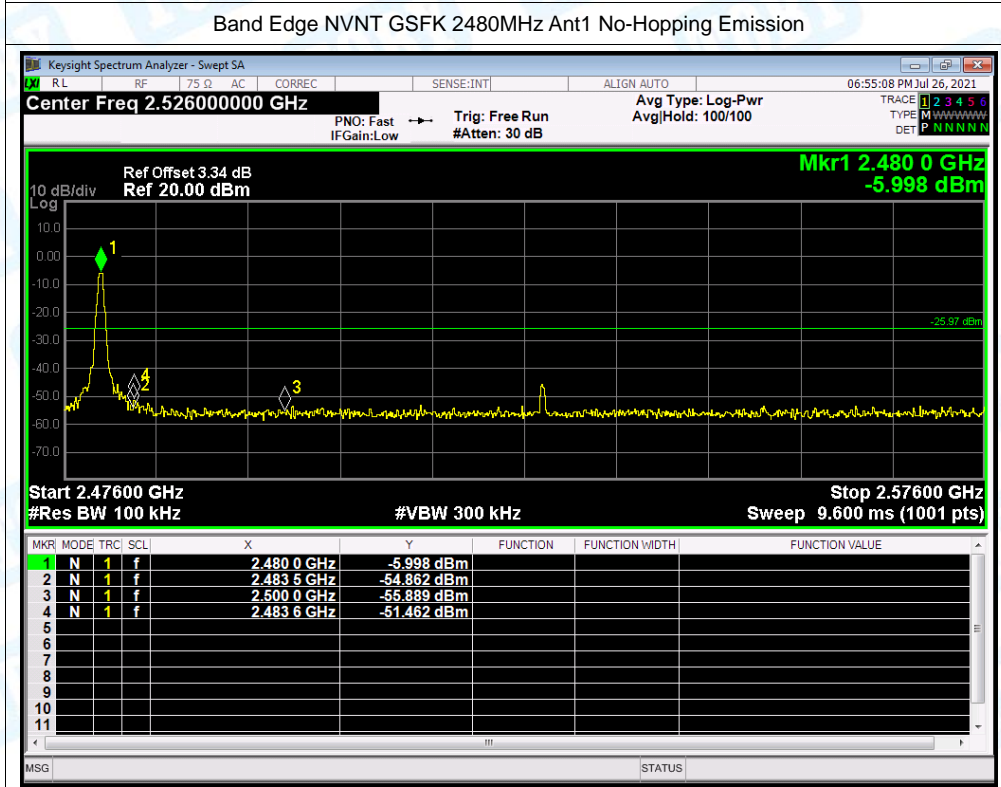
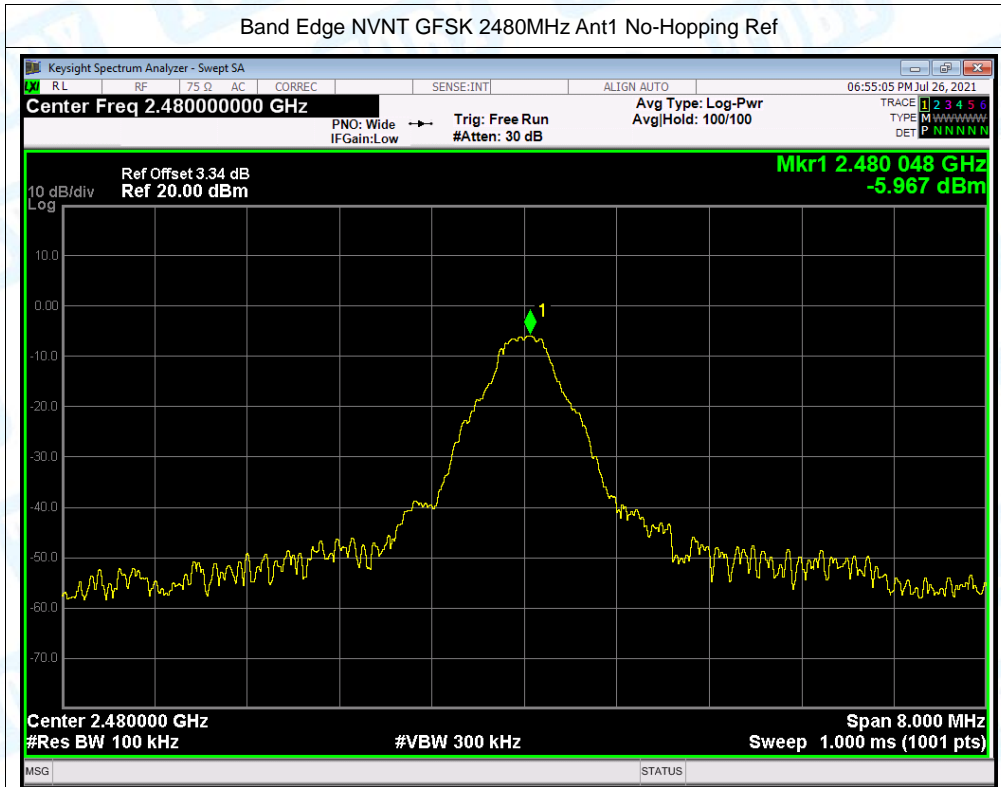


## 5.Band Edge

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	2402	No-Hopping	-41.64	-20	Pass
NVNT		2480	No-Hopping	-45.49	-20	Pass



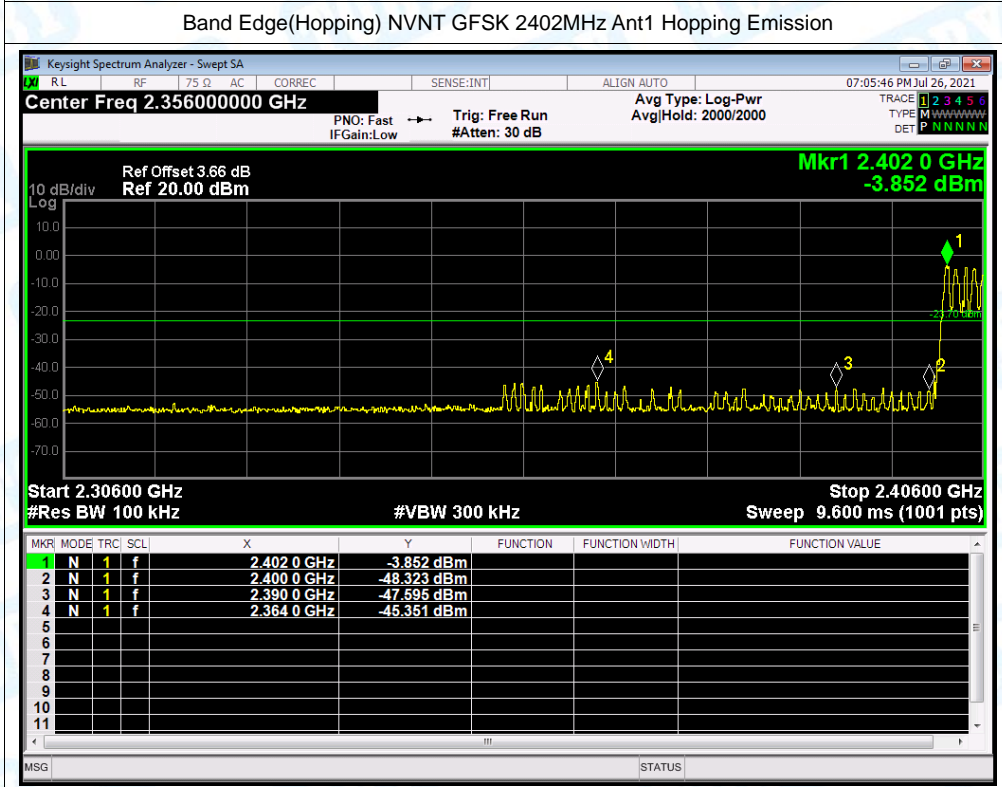
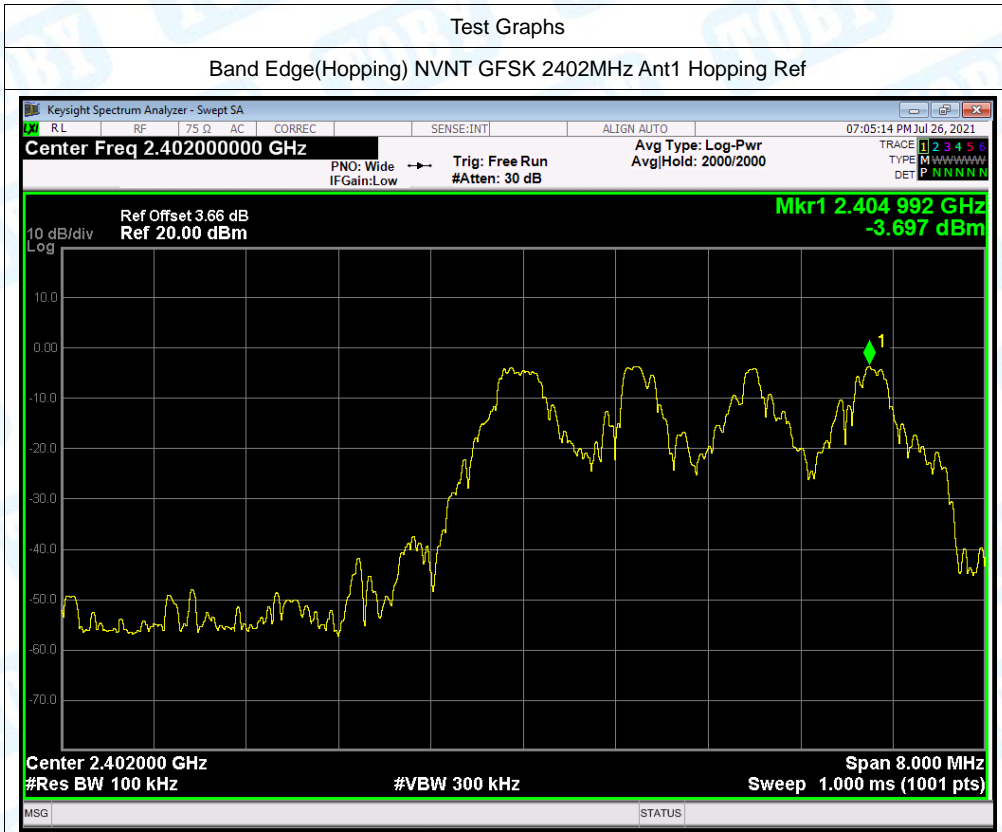


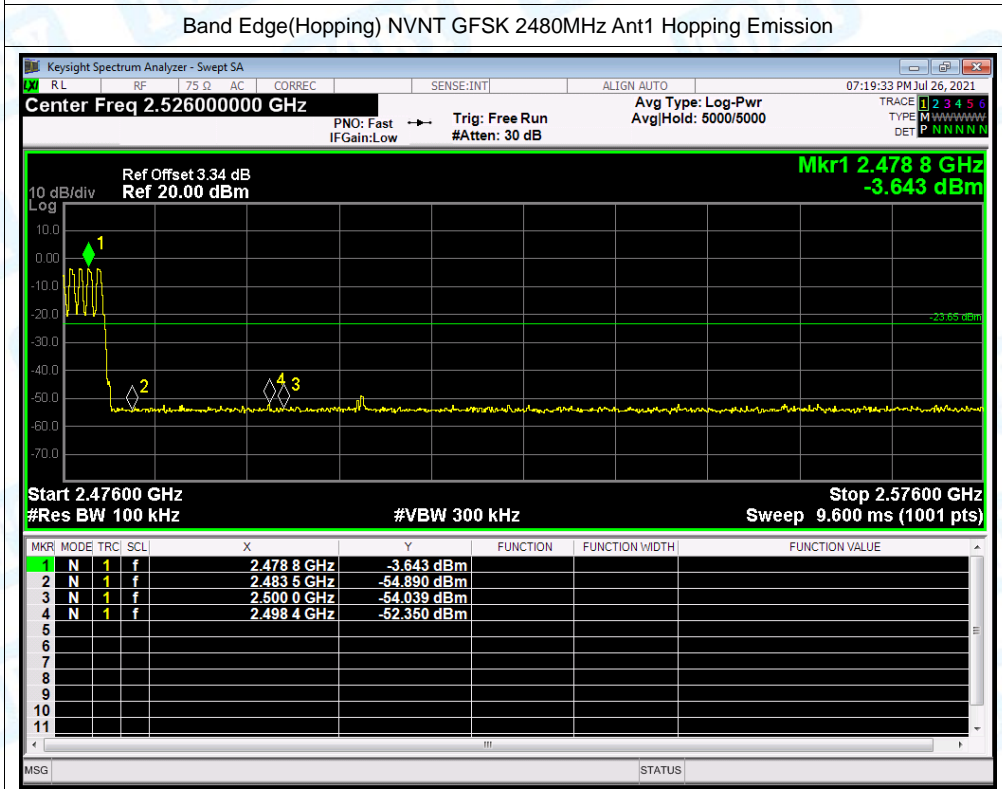
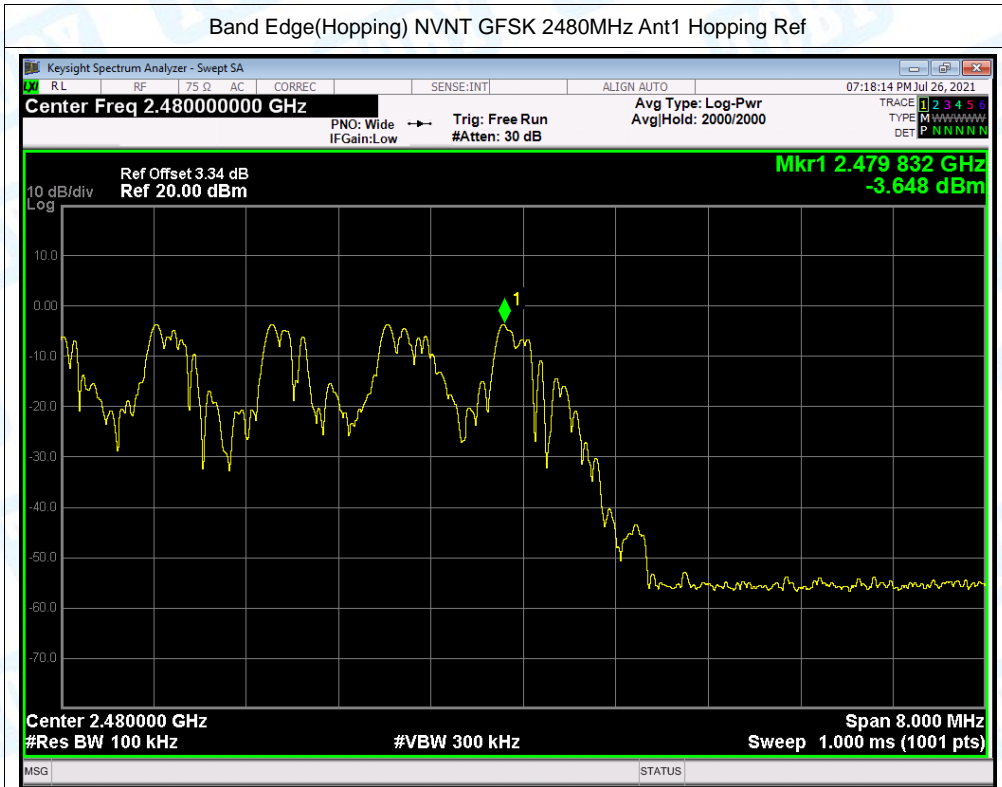


## 6. Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	2402	Hopping	-41.65	-20	Pass
NVNT		2480	Hopping	-48.7	-20	Pass



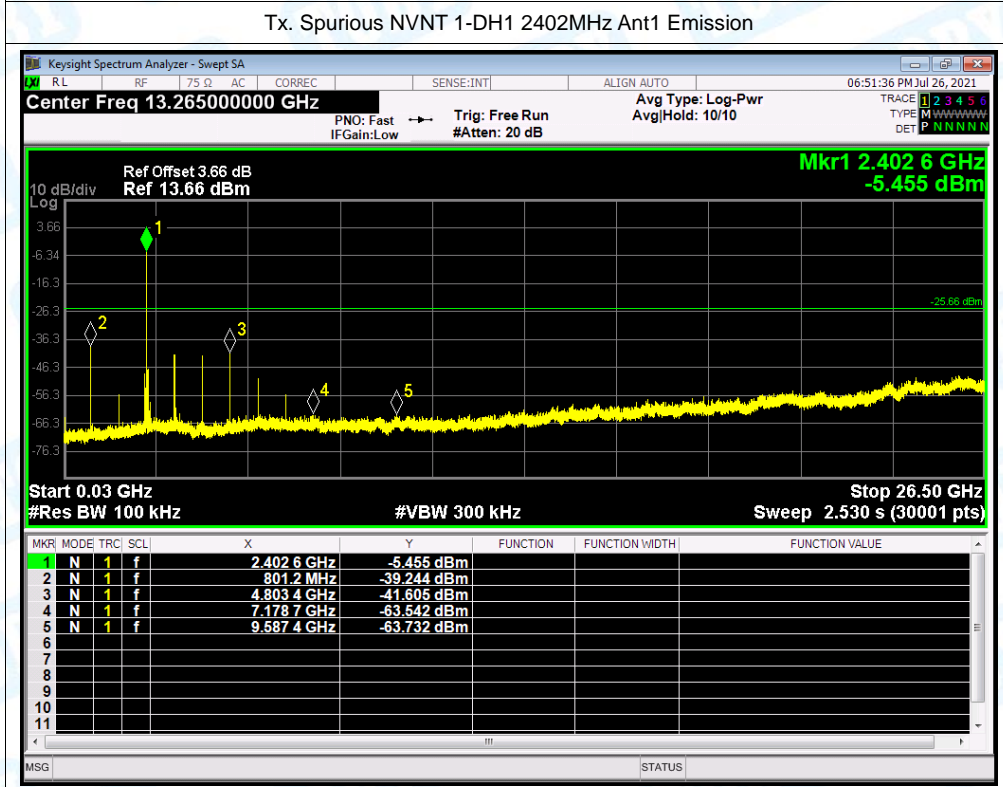
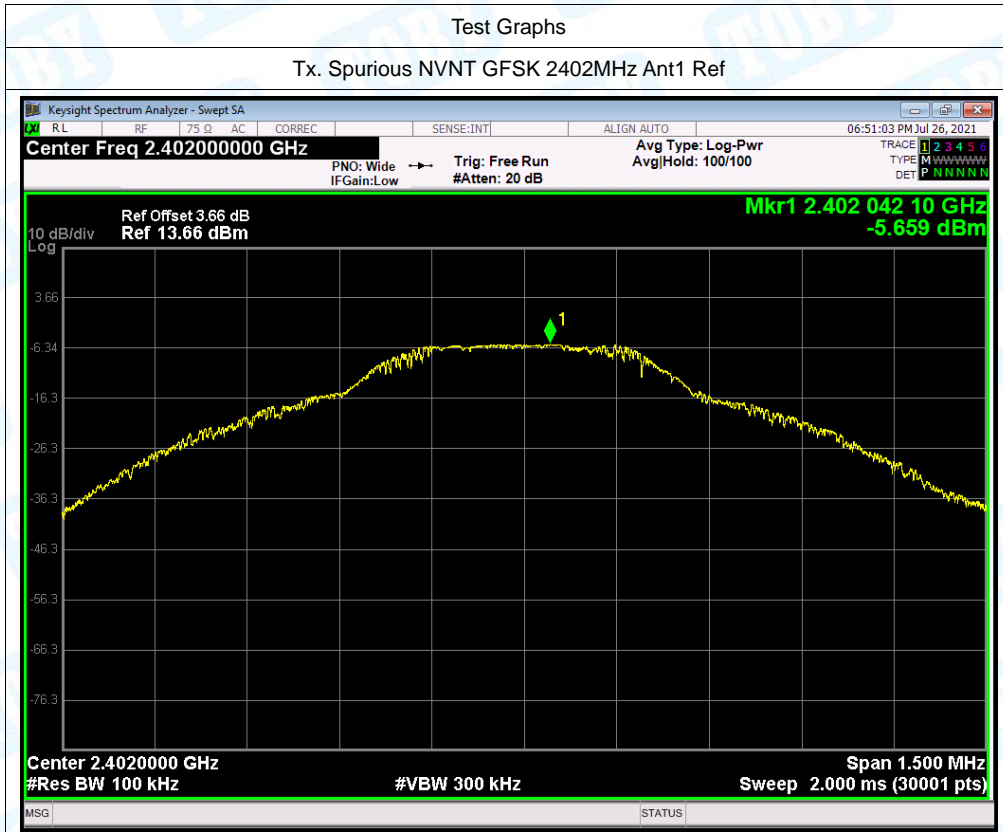




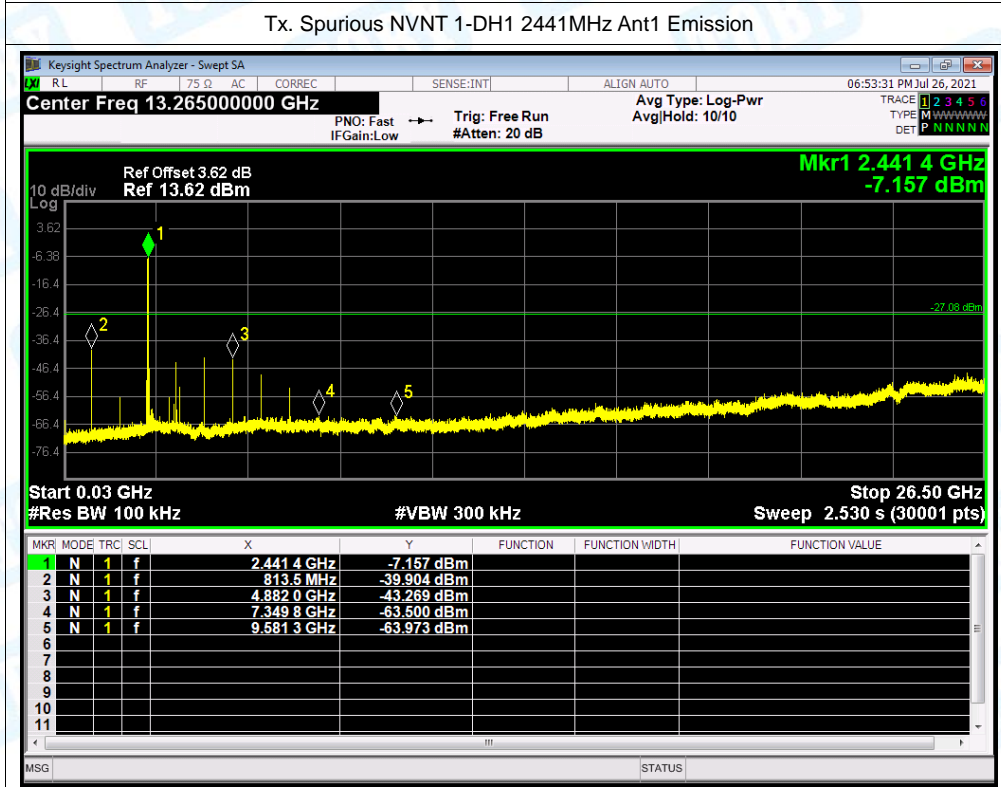
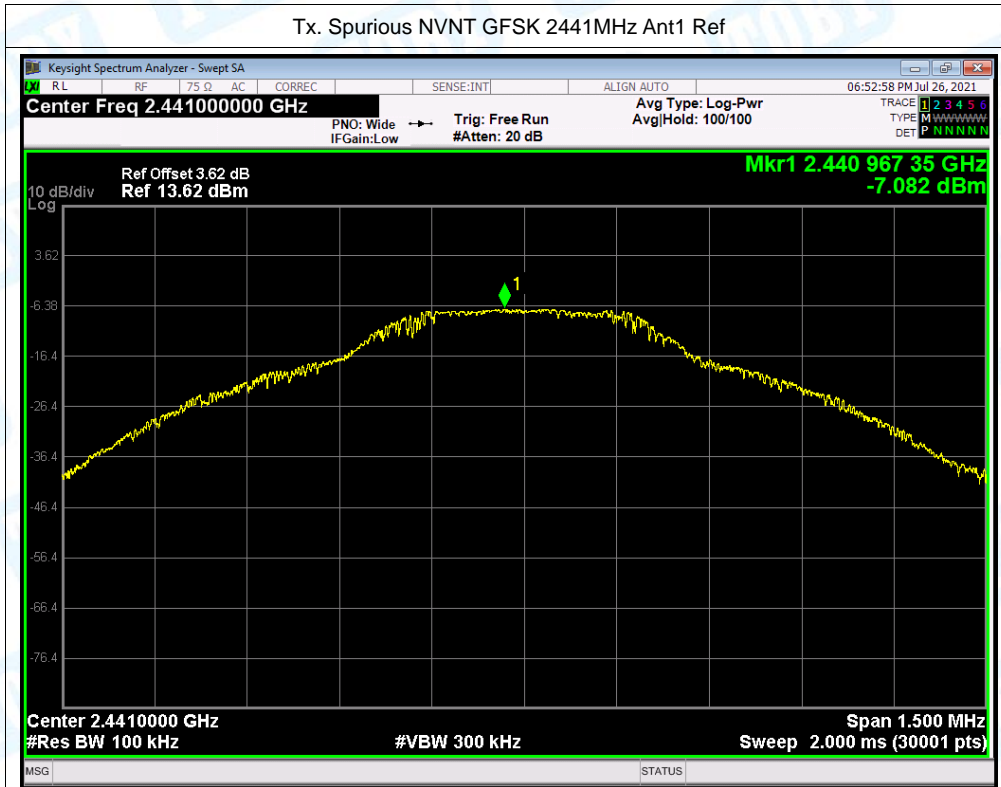


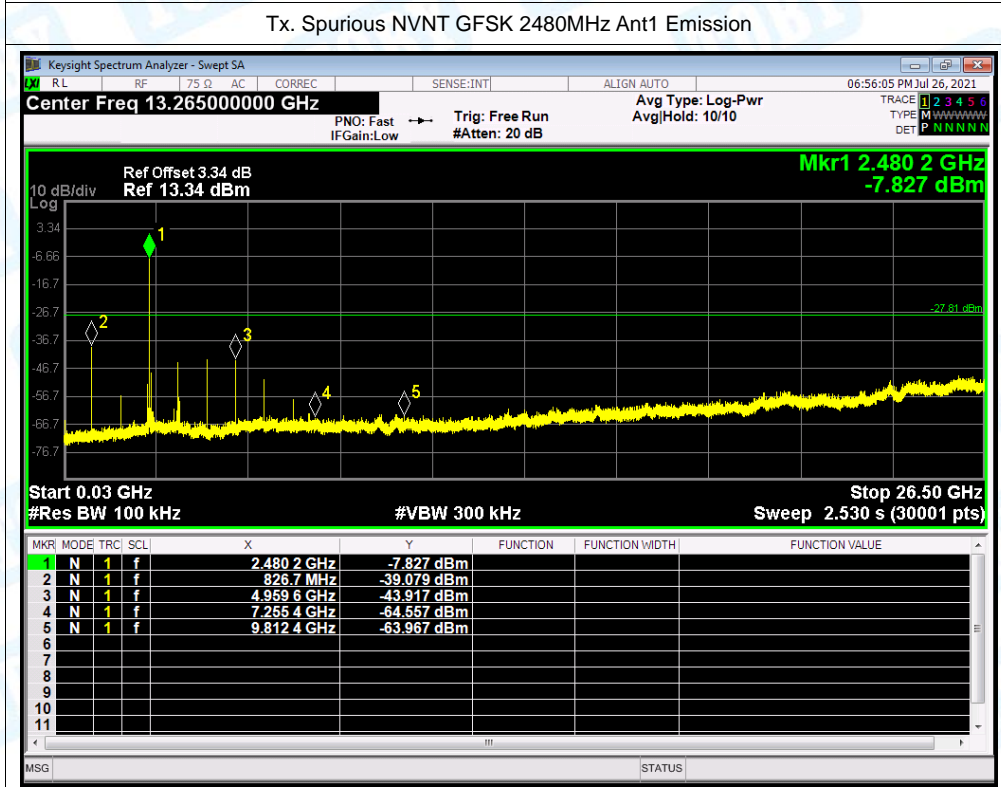
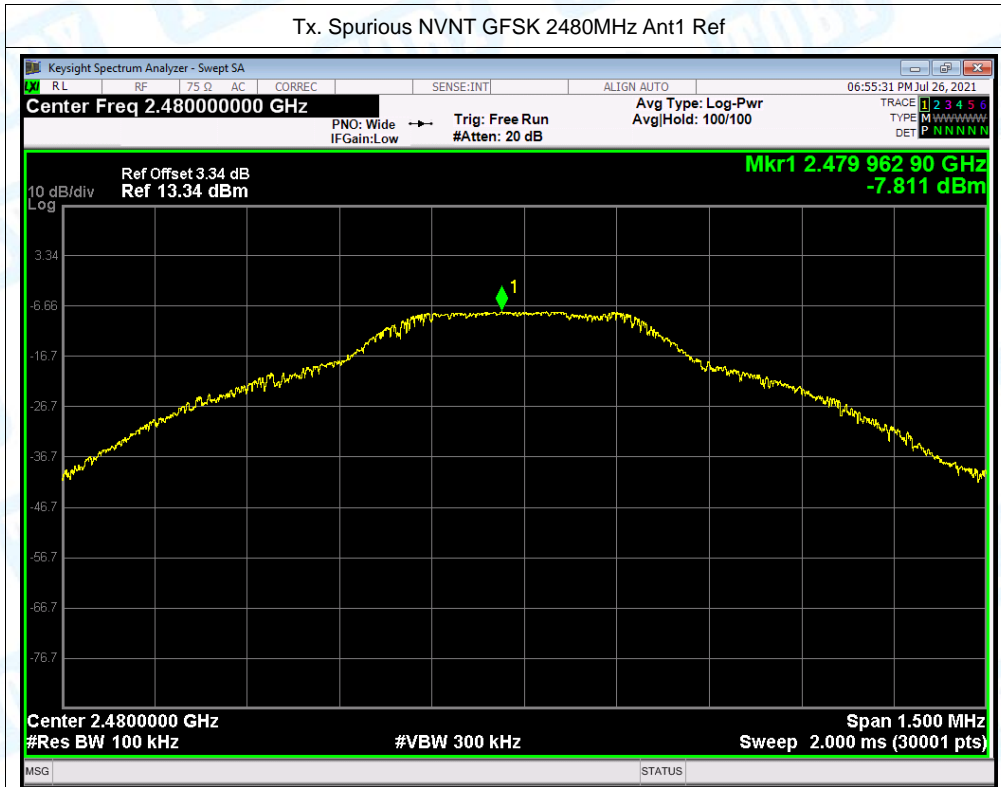
## 7. Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	GFSK	2402	-33.58	-20	Pass
NVNT		2441	-32.82	-20	Pass
NVNT		2480	-31.26	-20	Pass





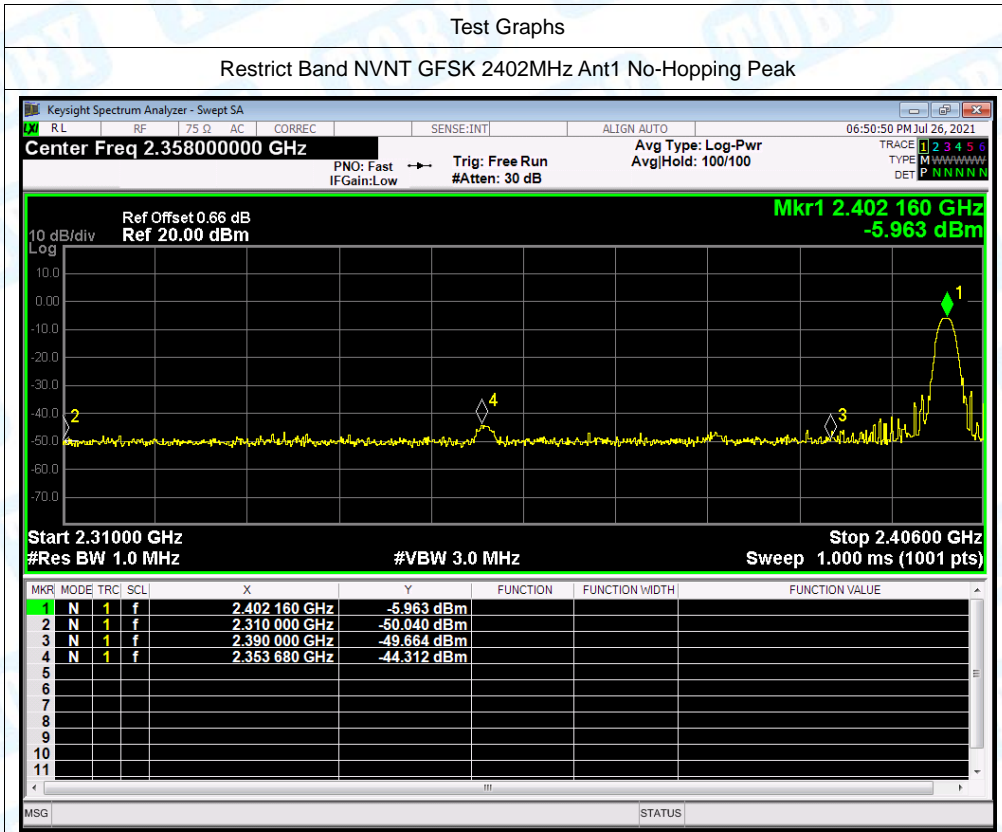




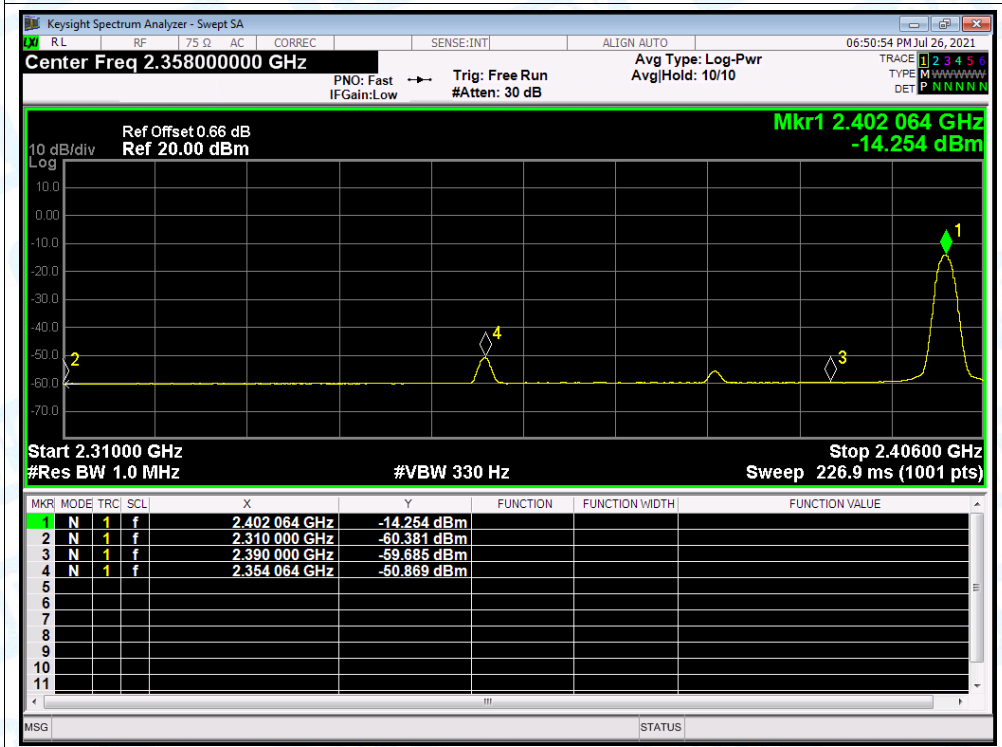


## 8.Restrict Band

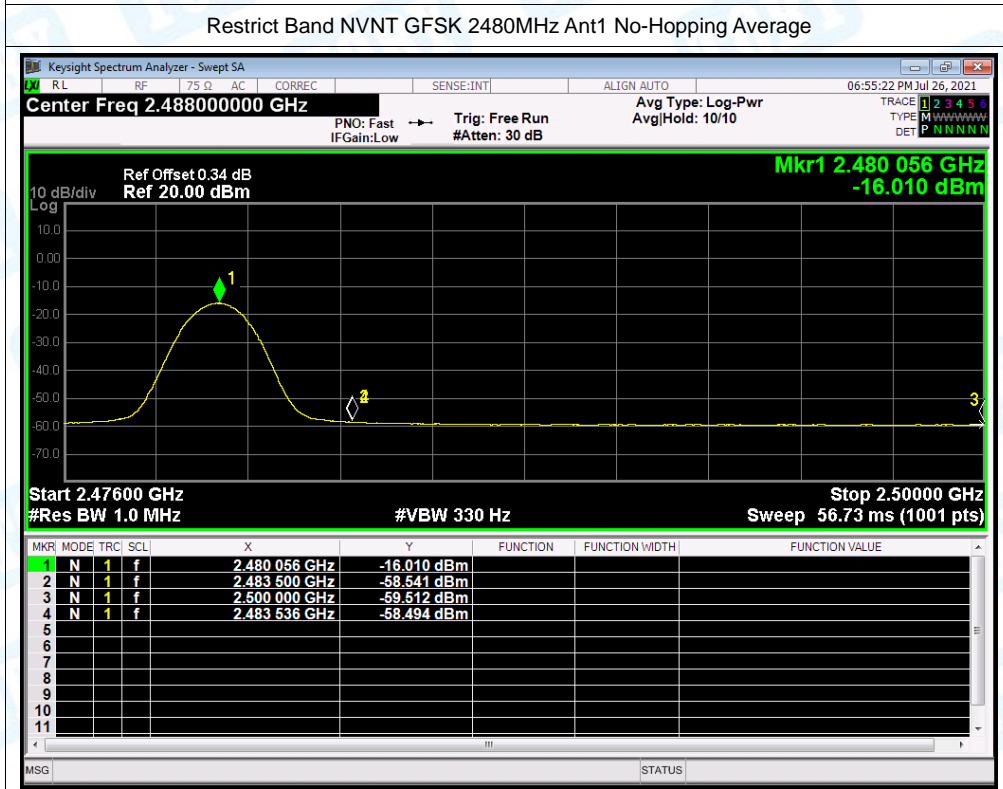
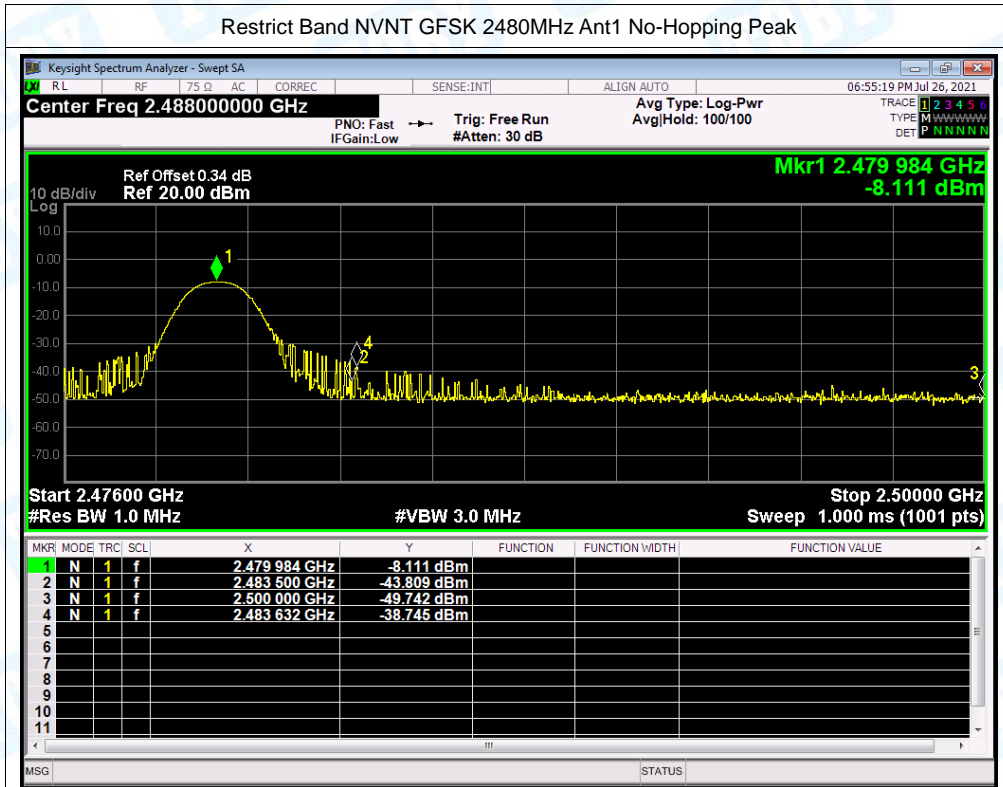
Condition	Mode	Frequency (MHz)	Hopping Mode	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	GFSK	2402	No-Hopping	2310	-51.34	2	45.92	Peak	74	Pass
NVNT		2402	No-Hopping	2310	-60.37	2	36.89	Average	54	Pass
NVNT		2402	No-Hopping	2353.68	-44.31	2	52.95	Peak	74	Pass
NVNT		2402	No-Hopping	2354.064	-50.86	2	46.4	Average	54	Pass
NVNT		2402	No-Hopping	2390	-48.72	2	48.54	Peak	74	Pass
NVNT		2402	No-Hopping	2390	-59.7	2	37.56	Average	54	Pass
NVNT		2480	No-Hopping	2483.5	-43.8	2	53.46	Peak	74	Pass
NVNT		2480	No-Hopping	2483.5	-58.54	2	38.72	Average	54	Pass
NVNT		2480	No-Hopping	2483.632	-38.74	2	58.52	Peak	74	Pass
NVNT		2480	No-Hopping	2483.536	-58.49	2	38.77	Average	54	Pass
NVNT		2480	No-Hopping	2500	-49.74	2	47.52	Peak	74	Pass
NVNT		2480	No-Hopping	2500	-59.51	2	37.75	Average	54	Pass



Restrict Band NVNT GFSK 2402MHz Ant1 No-Hopping Average







## 9.Dwell Time

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Period Time (ms)	Limit (ms)	Verdict
NVNT	GFSK	2441	0.433	138.56	31600	400	Pass
NVNT		2441	1.631	260.96	31600	400	Pass
NVNT		2441	2.834	302.293	31600	400	Pass



