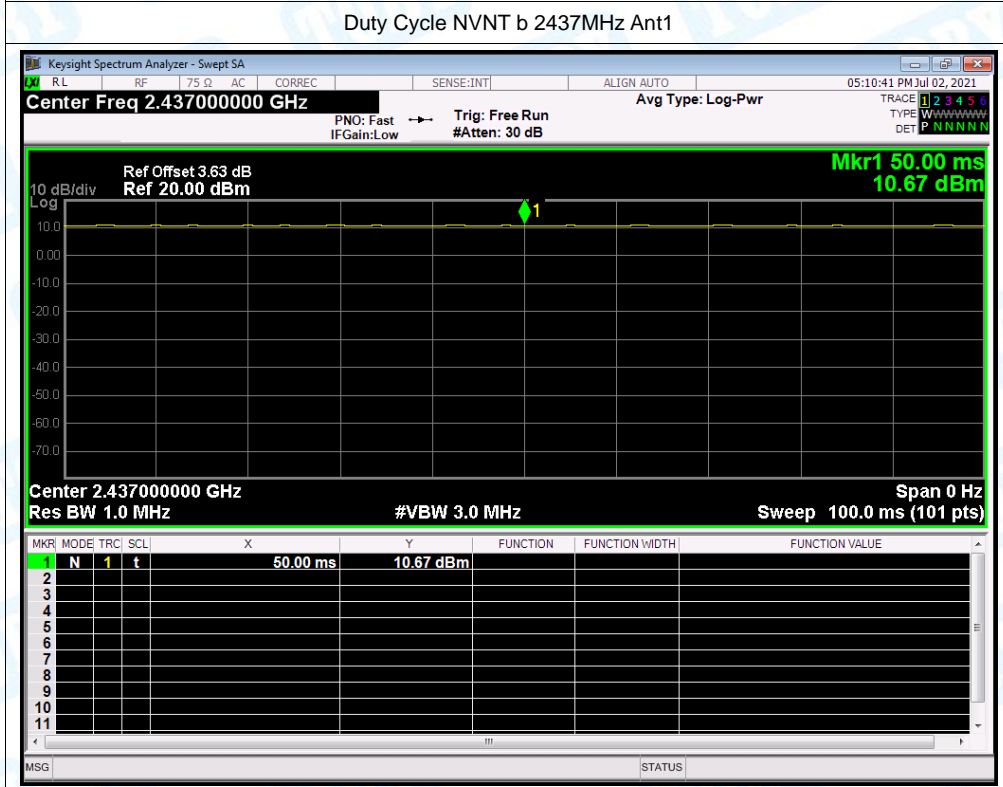
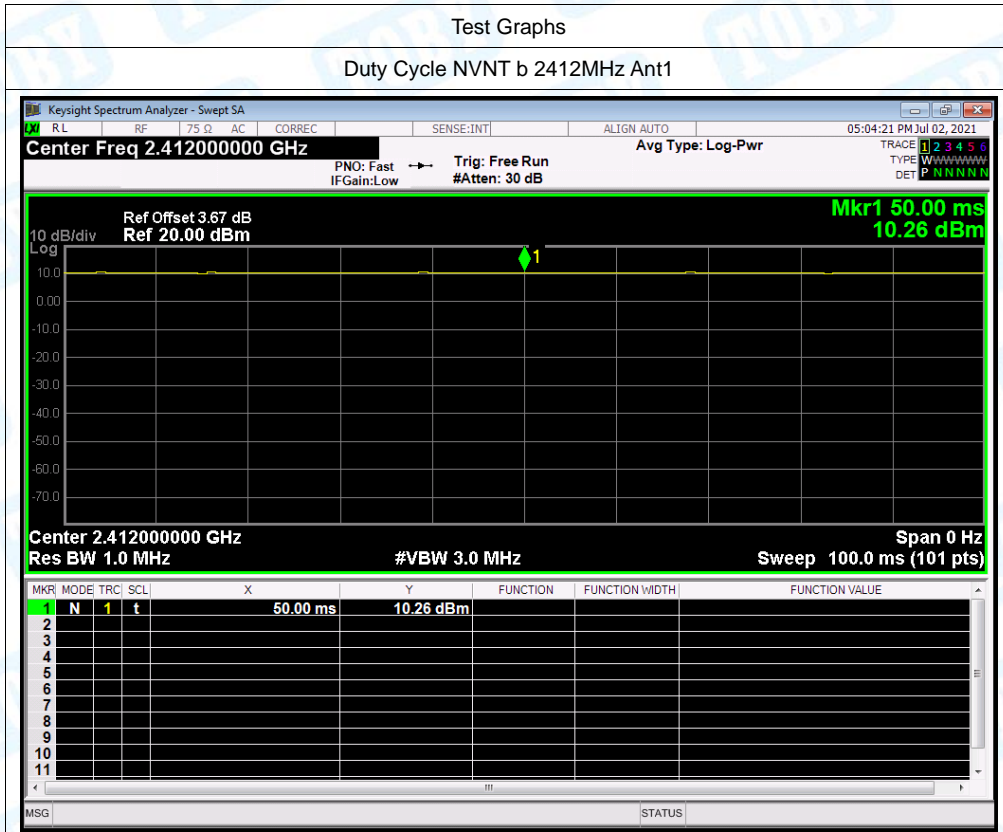


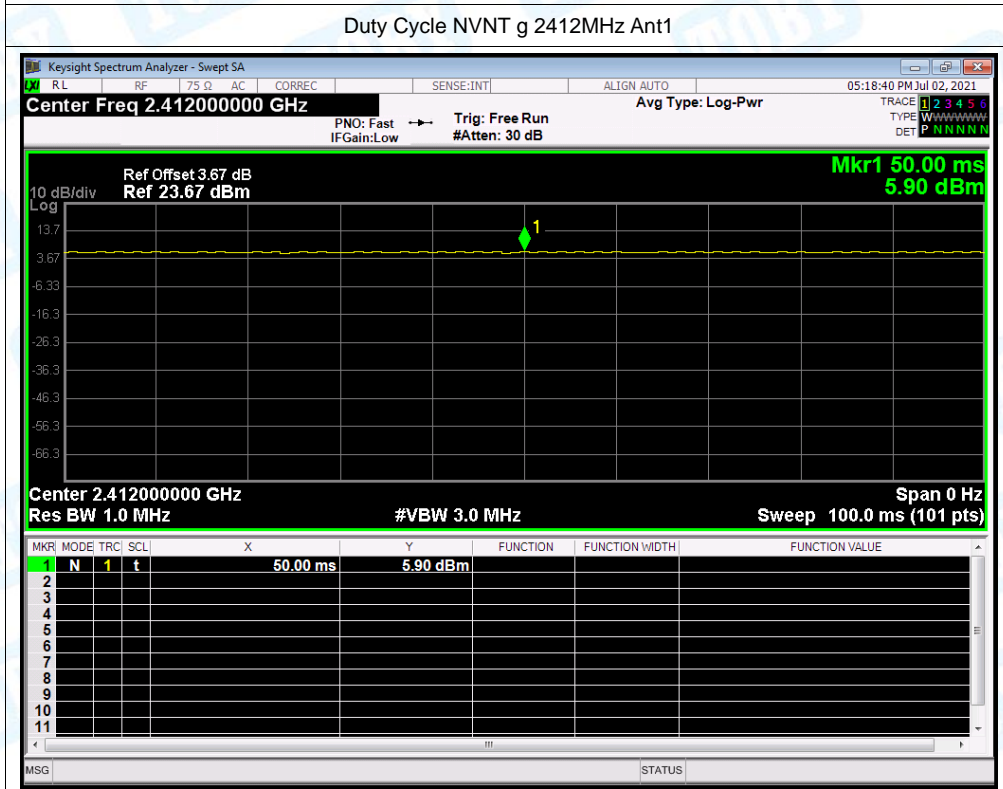
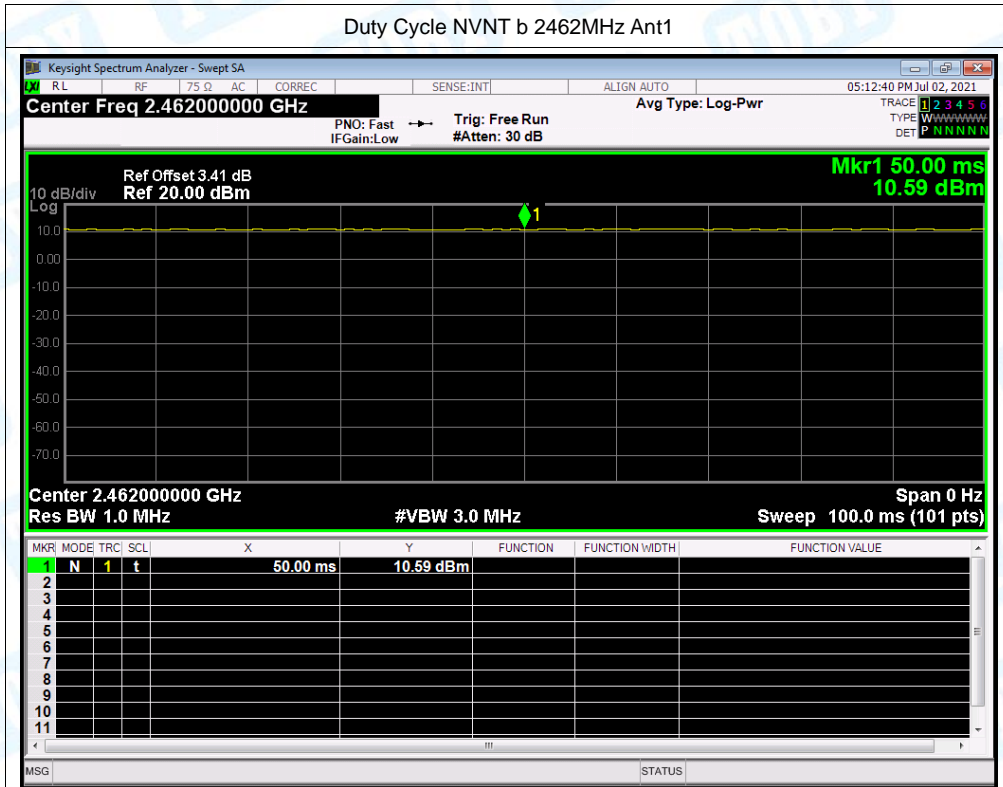
RF Test Data for 2.4G WiFi (Conducted Measurements)

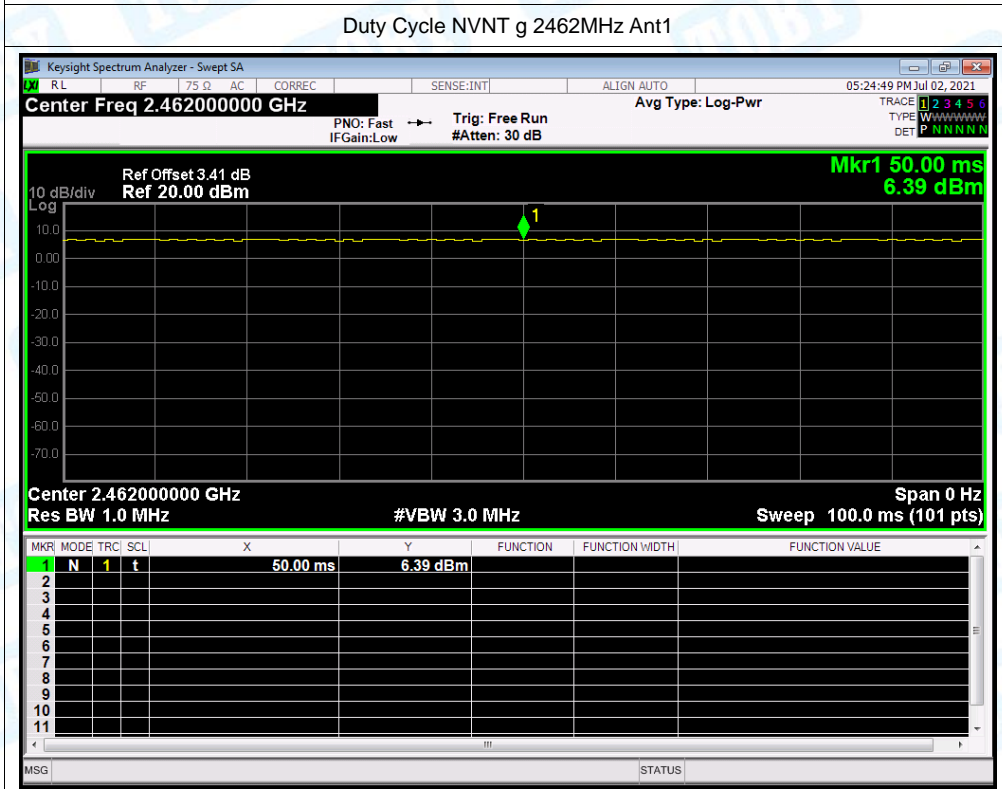
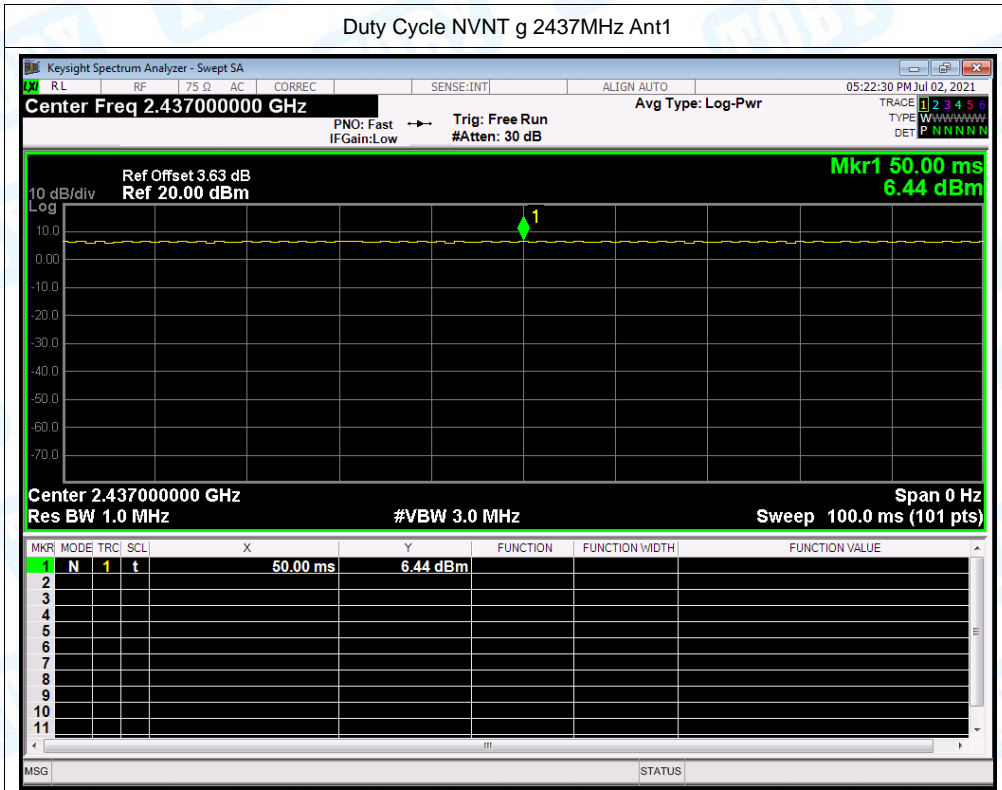
General Description of EUT	
Product Name:	8 Inch Wi-Fi Digital Picture Frame
Test Model:	PDWX-800BB, PDWX-800BG, PDWX-800CD, PDWX-800NT, PDWX-800WO
Sample ID:	20210608-07-2#
Environmental Conditions	
Temperature:	23.8°C
Relative Humidity:	48%
Test Voltage:	DC 5V
Test Engineer:	HeJingchang
Note: For a more detailed features description, please refer to the report TB-RF180812.	

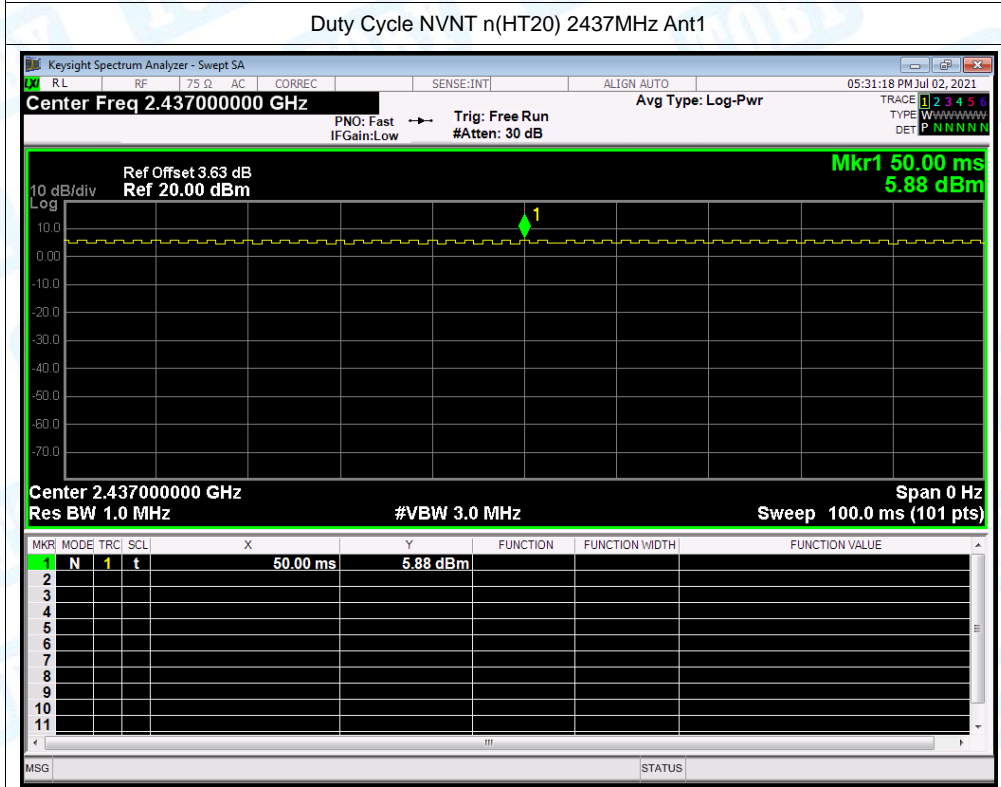
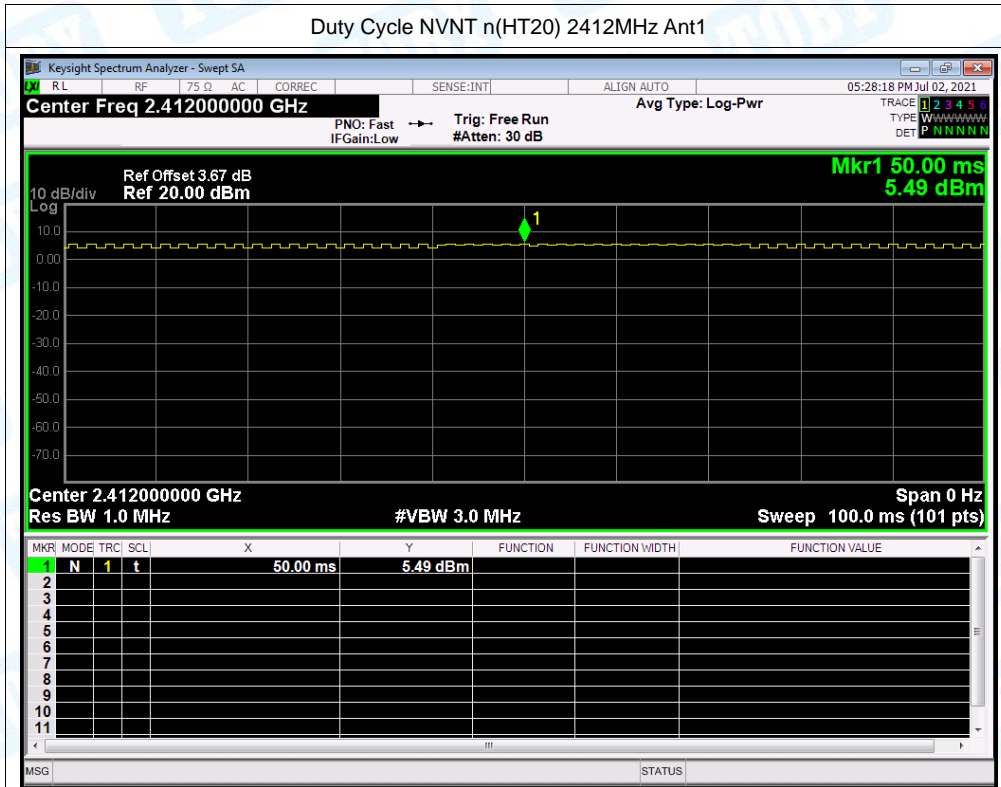
1. Duty Cycle

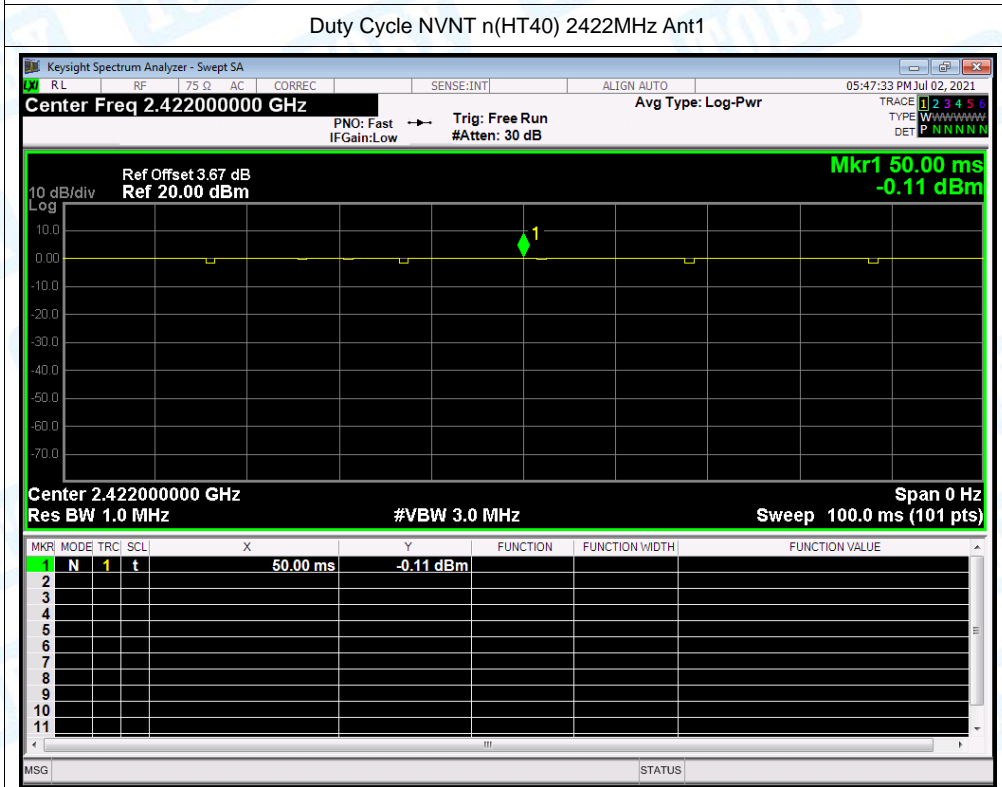
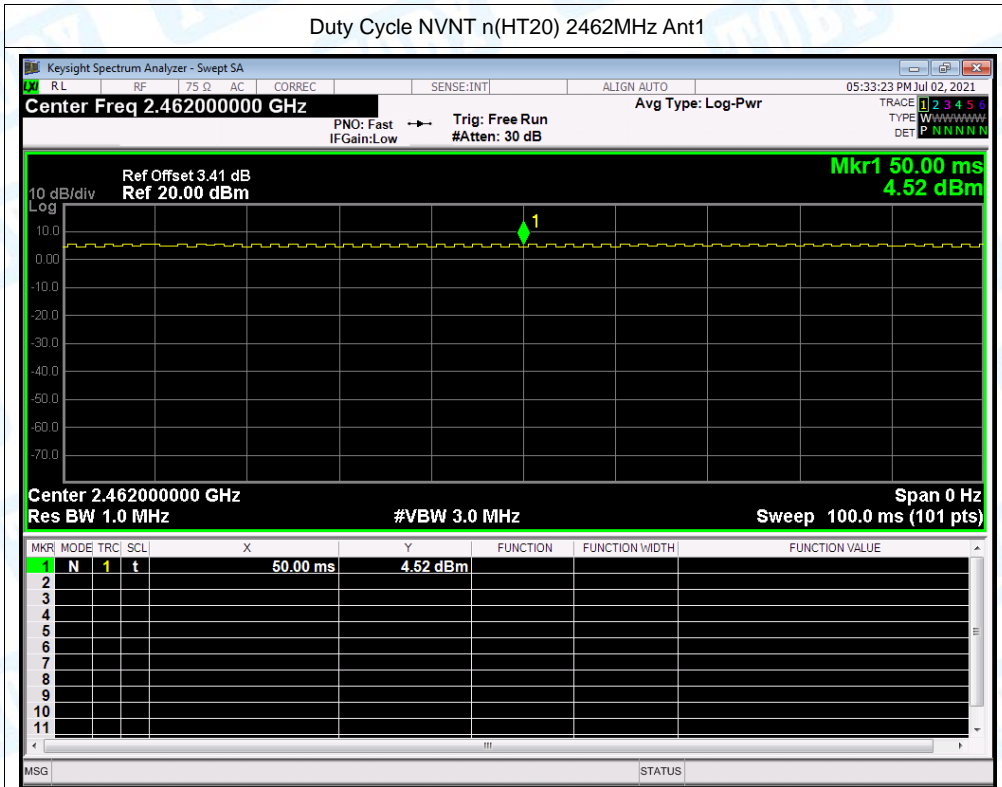
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	100	0	0
NVNT	b	2437	Ant1	100	0	0
NVNT	b	2462	Ant1	100	0	0
NVNT	g	2412	Ant1	100	0	0
NVNT	g	2437	Ant1	100	0	0
NVNT	g	2462	Ant1	100	0	0
NVNT	n(HT20)	2412	Ant1	100	0	0
NVNT	n(HT20)	2437	Ant1	100	0	0
NVNT	n(HT20)	2462	Ant1	100	0	0
NVNT	n(HT40)	2422	Ant1	100	0	0
NVNT	n(HT40)	2437	Ant1	100	0	0
NVNT	n(HT40)	2452	Ant1	100	0	0

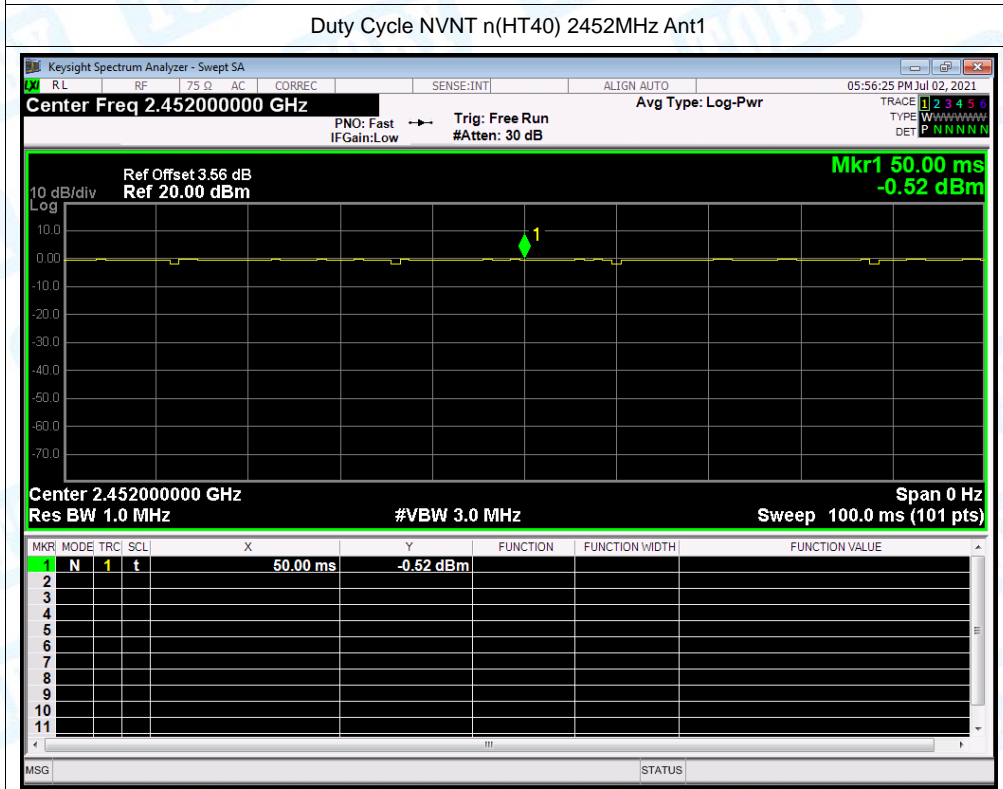
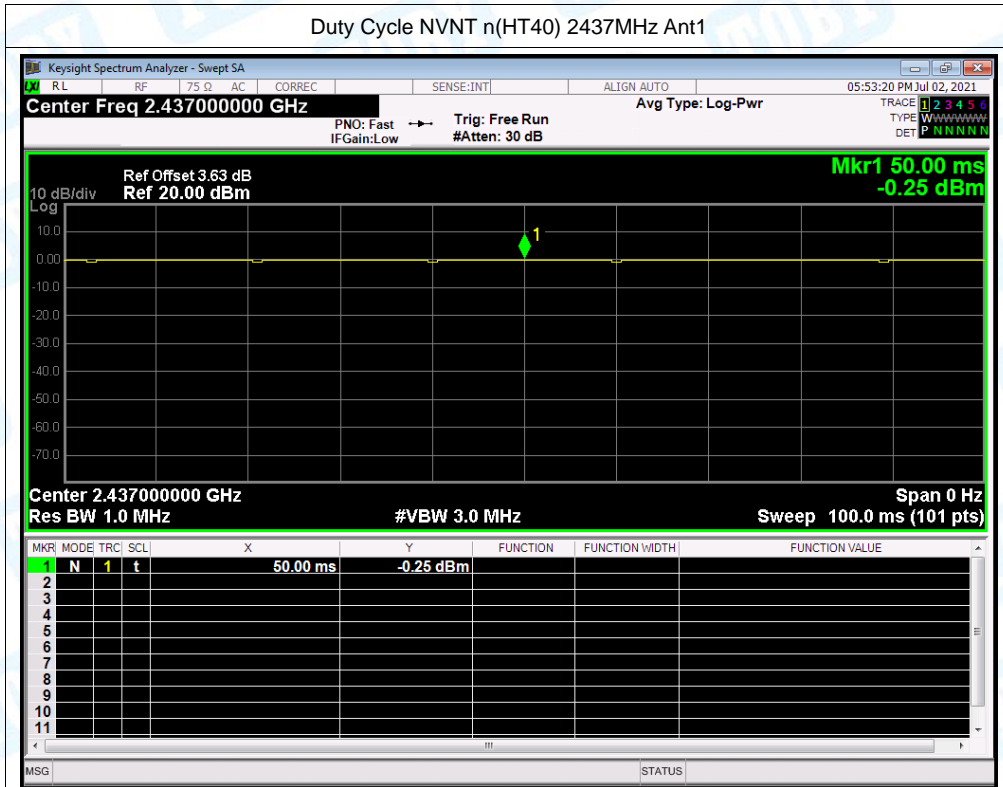










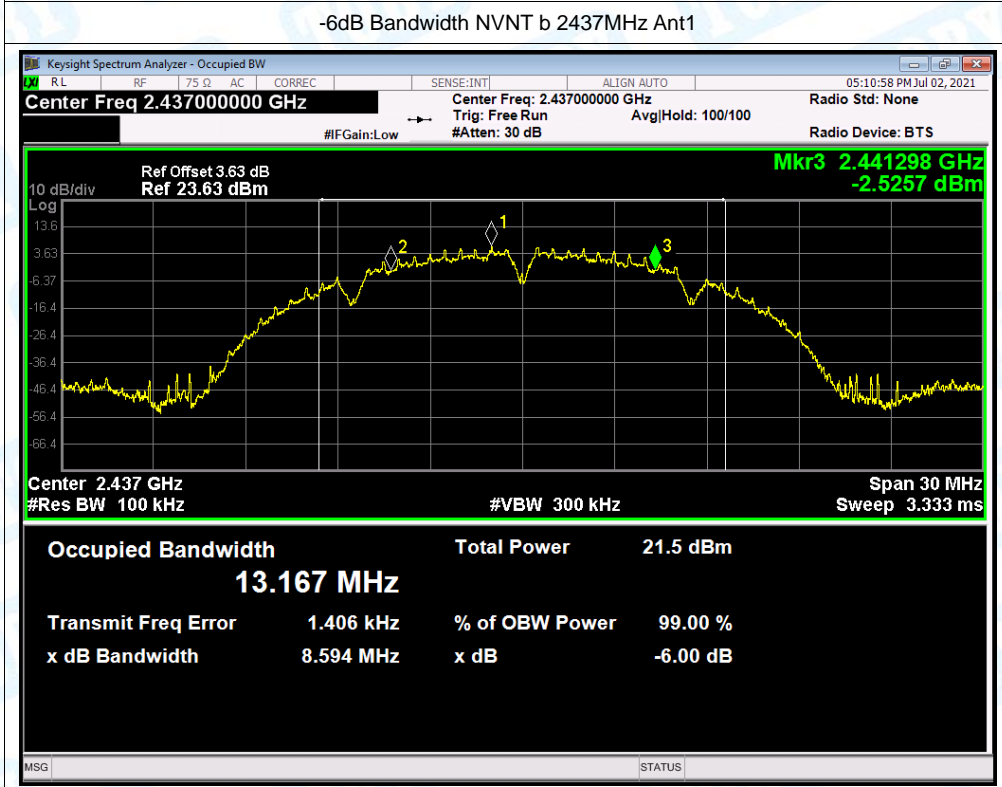
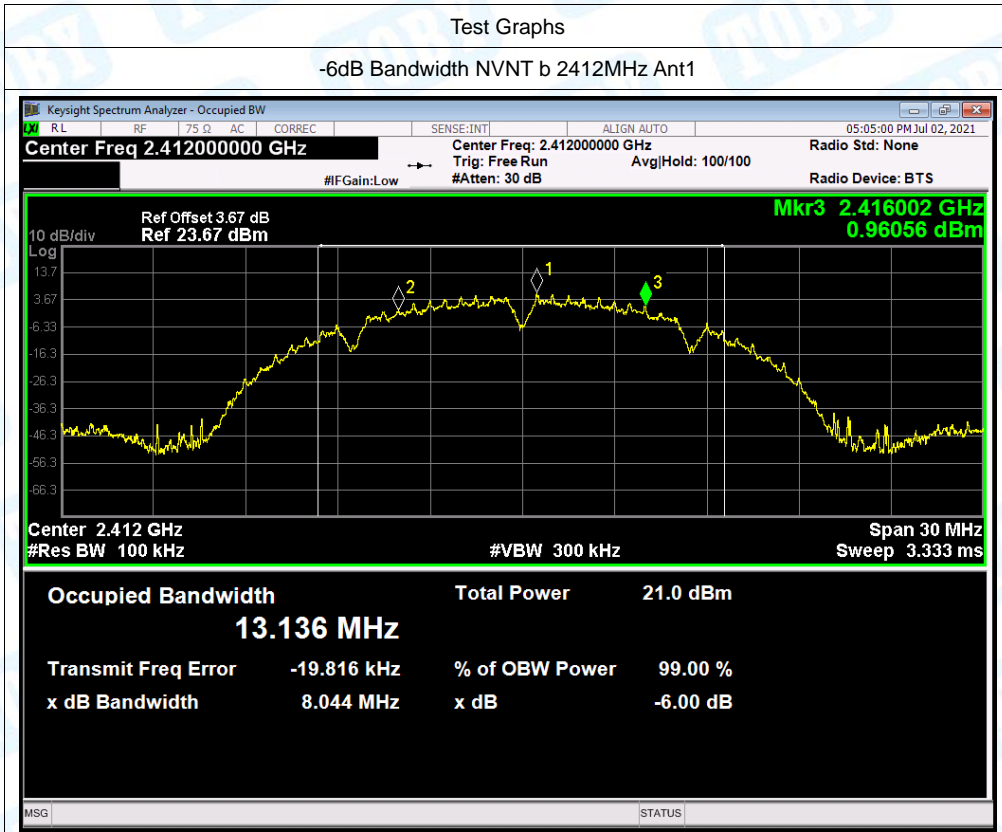


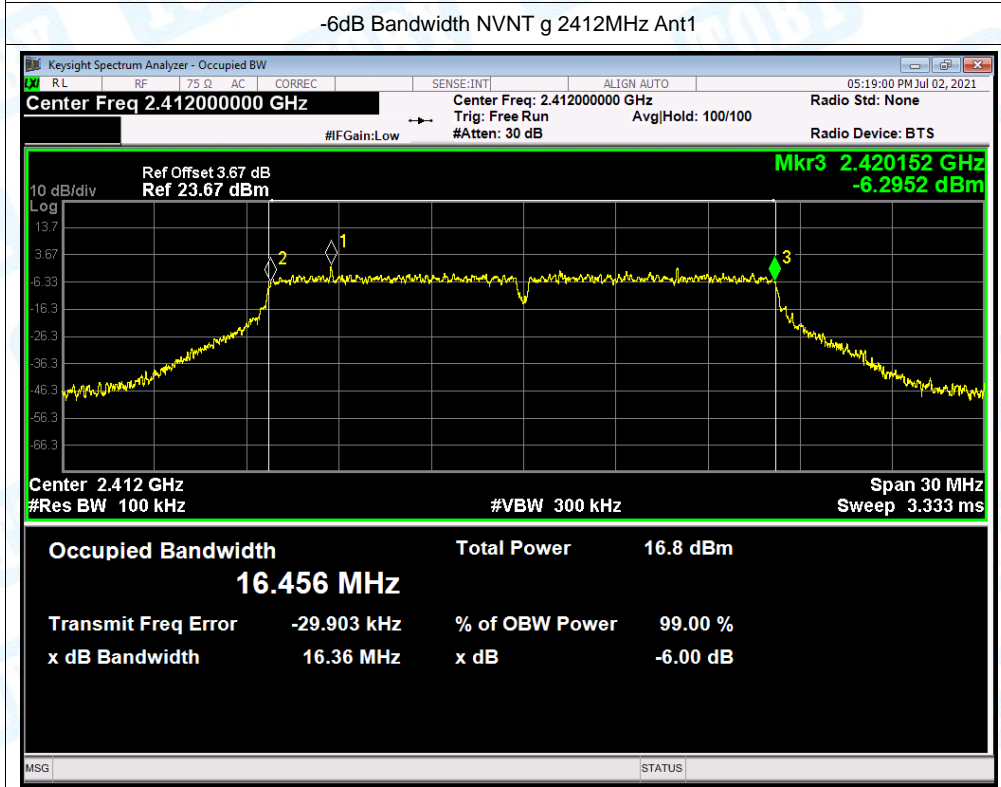
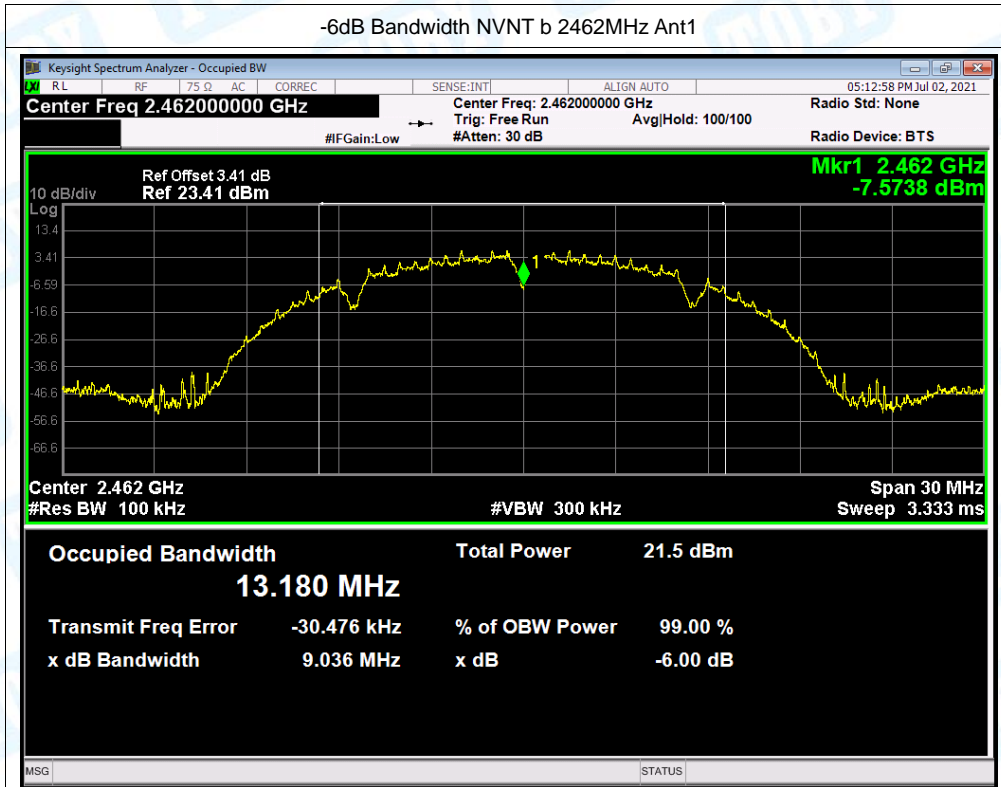
2.Maximum Conducted Output Power

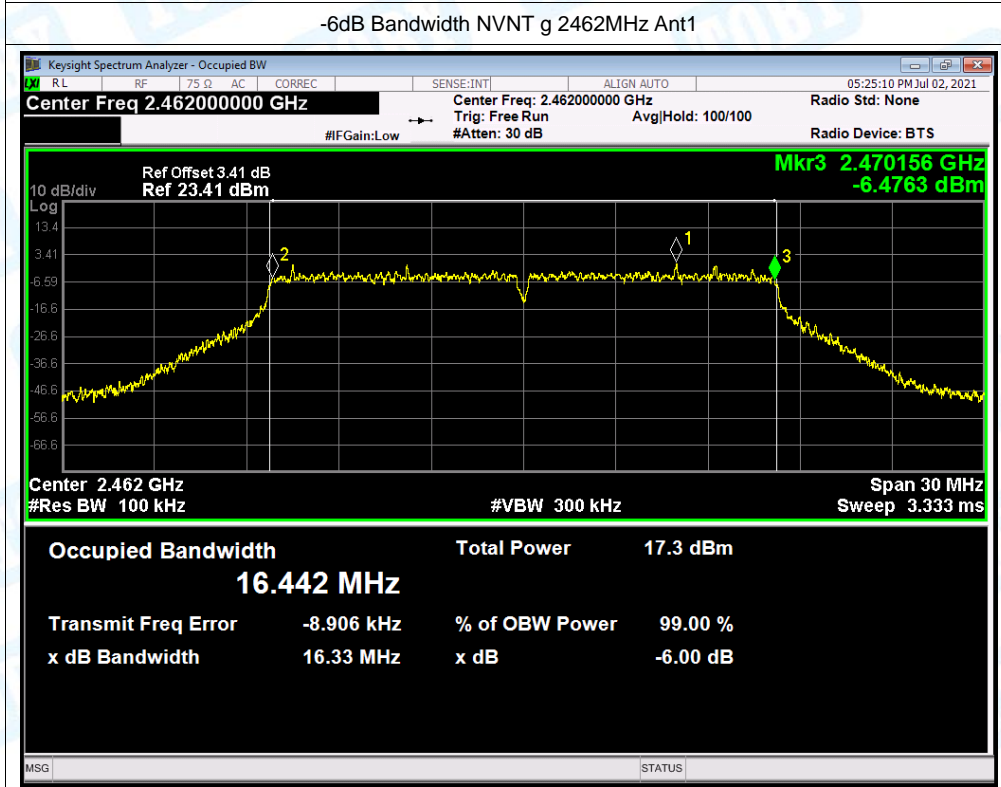
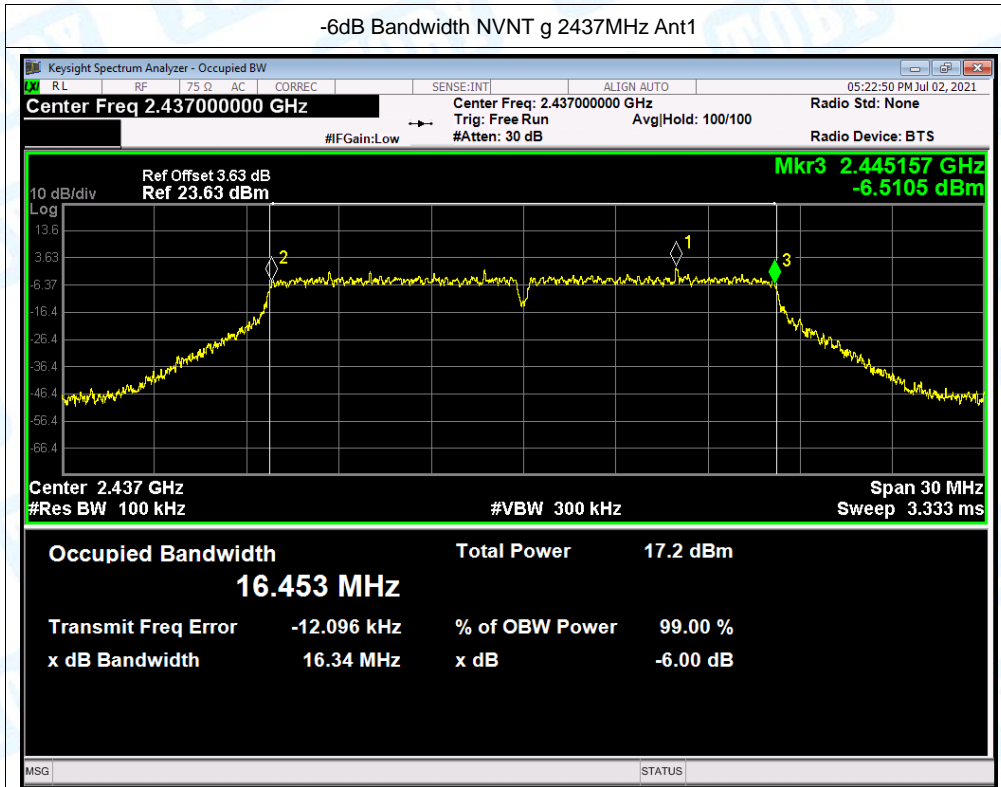
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.057	0	16.057	30	Pass
NVNT	b	2437	Ant1	16.447	0	16.447	30	Pass
NVNT	b	2462	Ant1	16.507	0	16.507	30	Pass
NVNT	g	2412	Ant1	15.739	0	15.739	30	Pass
NVNT	g	2437	Ant1	16.121	0	16.121	30	Pass
NVNT	g	2462	Ant1	16.197	0	16.197	30	Pass
NVNT	n(HT20)	2412	Ant1	14.639	0	14.639	30	Pass
NVNT	n(HT20)	2437	Ant1	14.986	0	14.986	30	Pass
NVNT	n(HT20)	2462	Ant1	15.059	0	15.059	30	Pass
NVNT	n(HT40)	2422	Ant1	13.73	0	13.73	30	Pass
NVNT	n(HT40)	2437	Ant1	13.975	0	13.975	30	Pass
NVNT	n(HT40)	2452	Ant1	14.062	0	14.062	30	Pass

3.-6dB Bandwidth

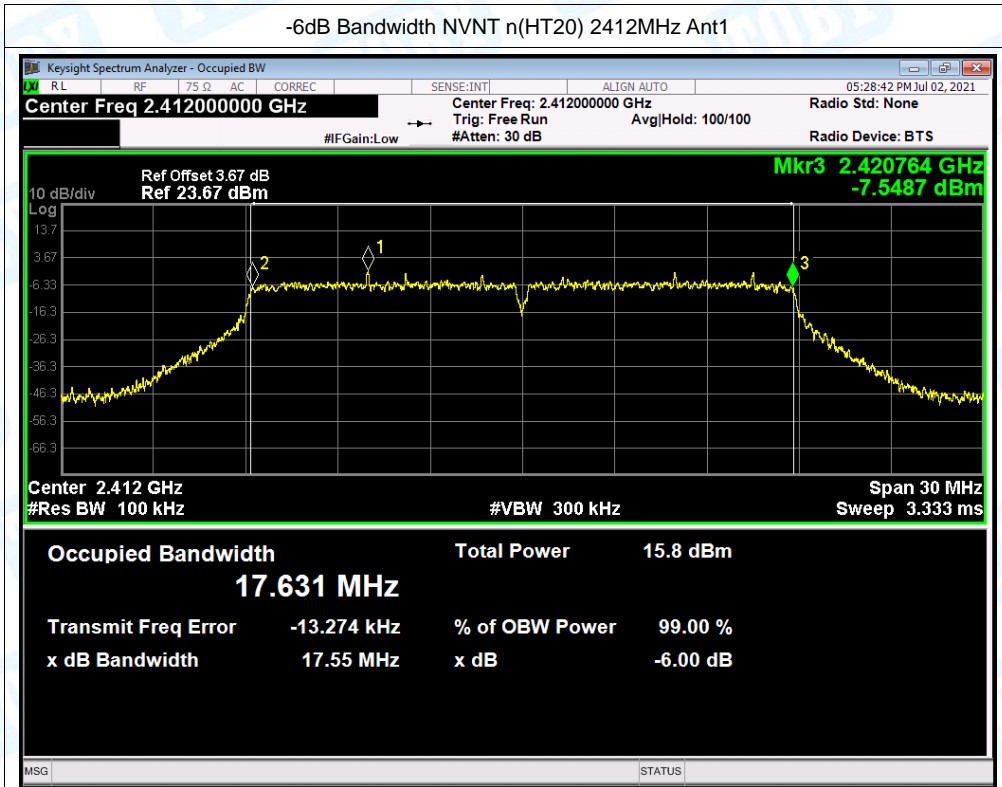
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.044	0.5	Pass
NVNT	b	2437	Ant1	8.594	0.5	Pass
NVNT	b	2462	Ant1	9.036	0.5	Pass
NVNT	g	2412	Ant1	16.363	0.5	Pass
NVNT	g	2437	Ant1	16.337	0.5	Pass
NVNT	g	2462	Ant1	16.33	0.5	Pass
NVNT	n(HT20)	2412	Ant1	17.555	0.5	Pass
NVNT	n(HT20)	2437	Ant1	17.544	0.5	Pass
NVNT	n(HT20)	2462	Ant1	17.507	0.5	Pass
NVNT	n(HT40)	2422	Ant1	35.142	0.5	Pass
NVNT	n(HT40)	2437	Ant1	35.542	0.5	Pass
NVNT	n(HT40)	2452	Ant1	35.782	0.5	Pass



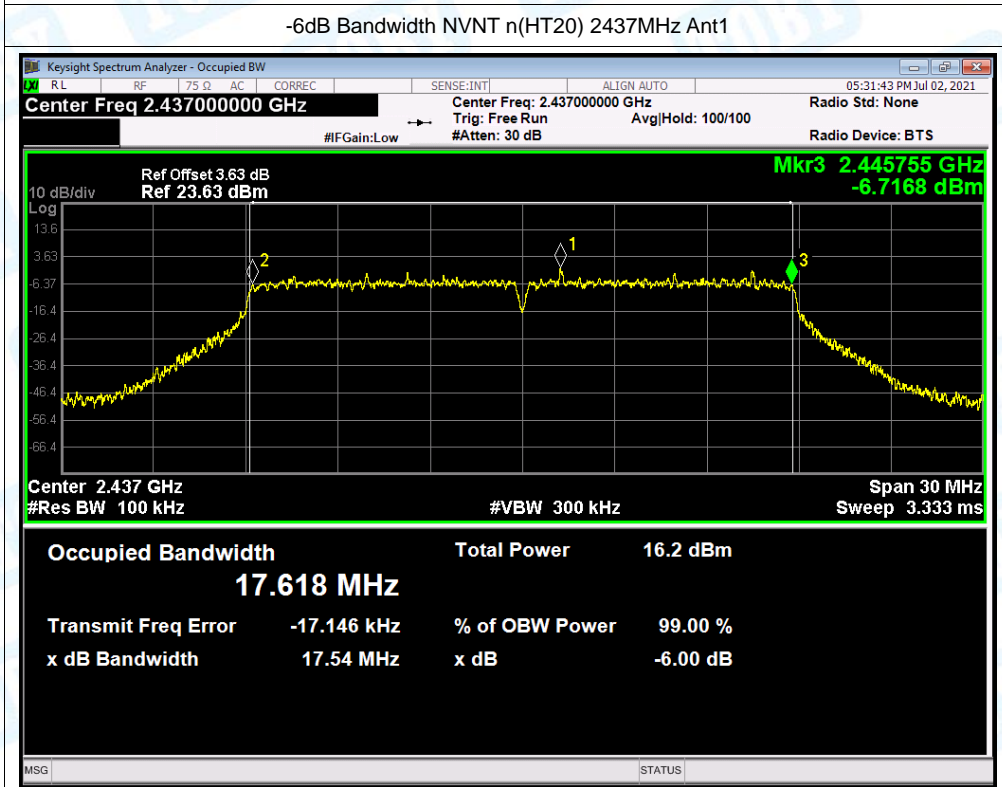


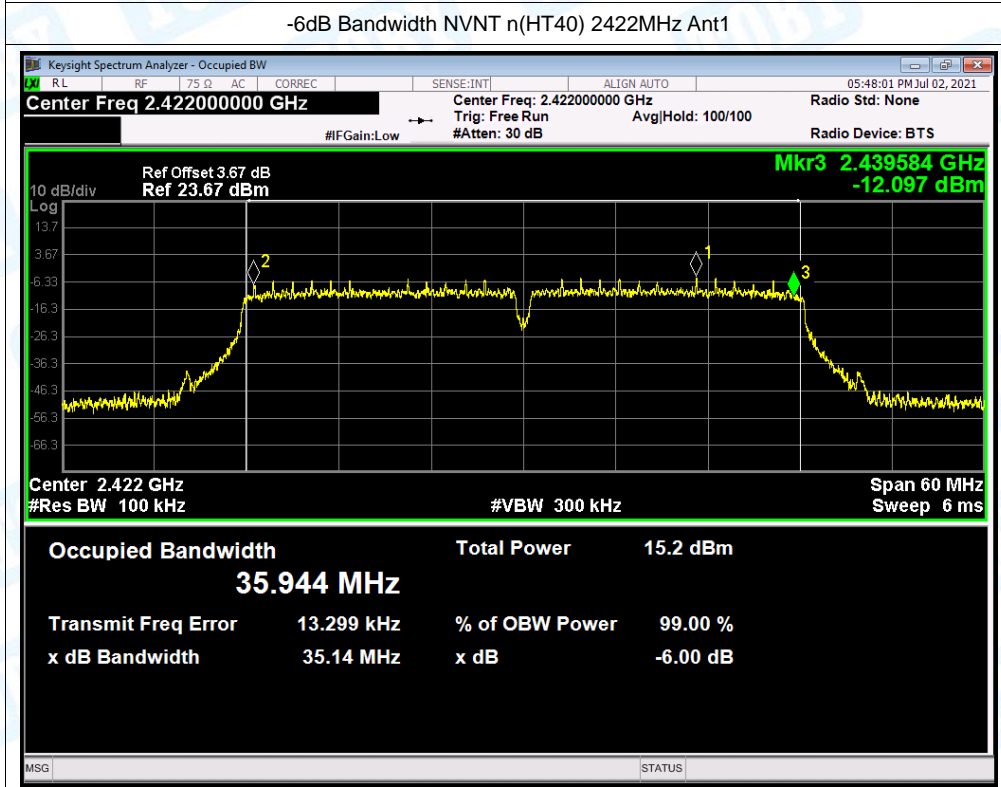
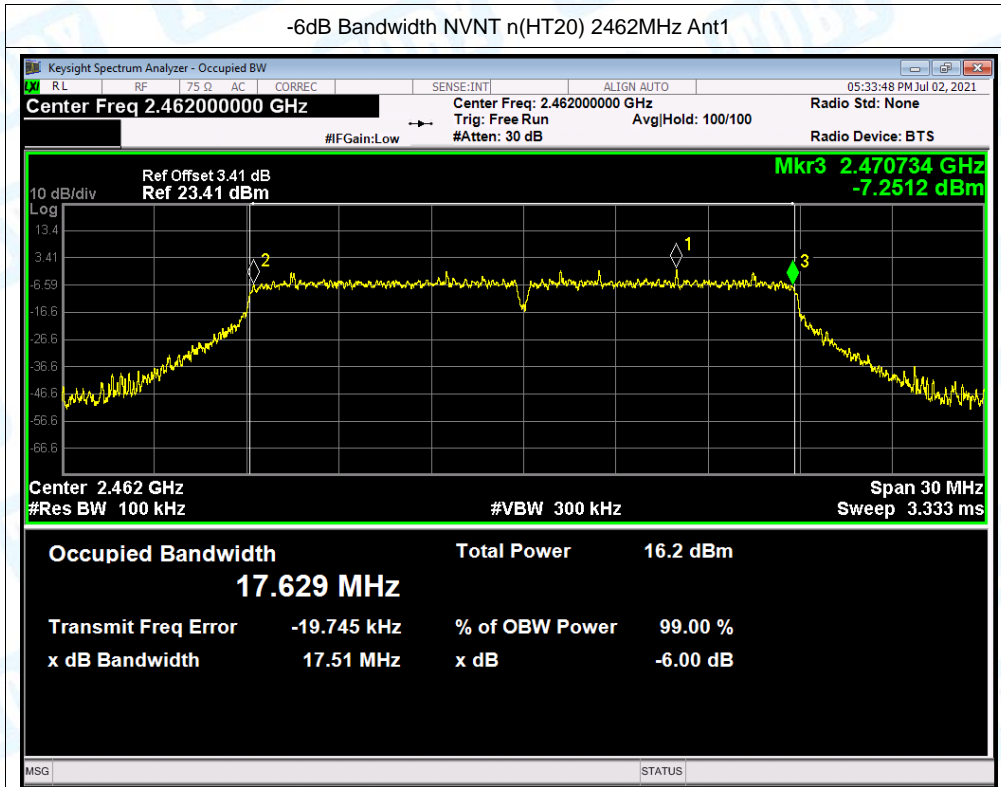


-6dB Bandwidth NVNT n(HT20) 2412MHz Ant1

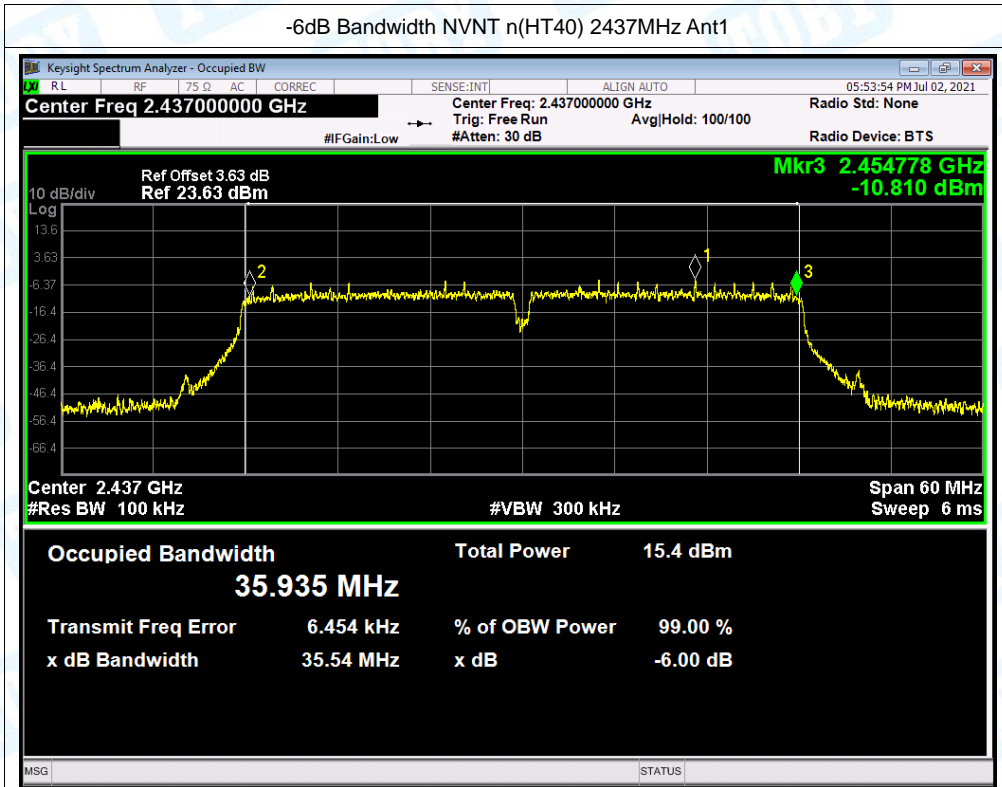


-6dB Bandwidth NVNT n(HT20) 2437MHz Ant1

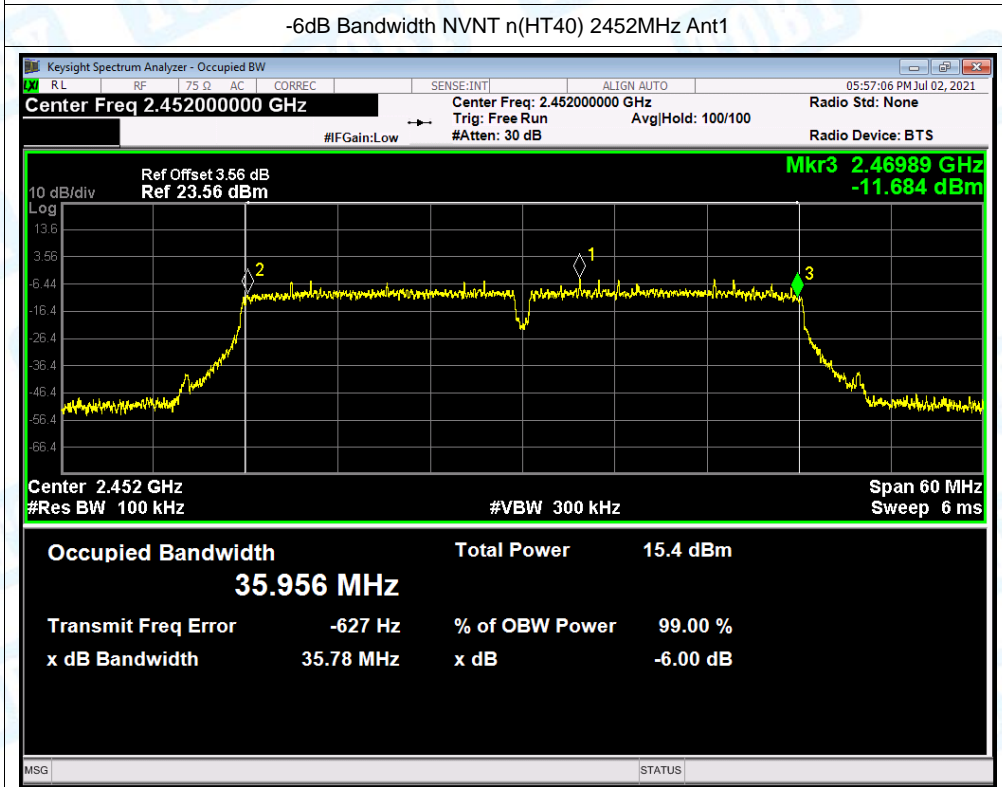




-6dB Bandwidth NVNT n(HT40) 2437MHz Ant1

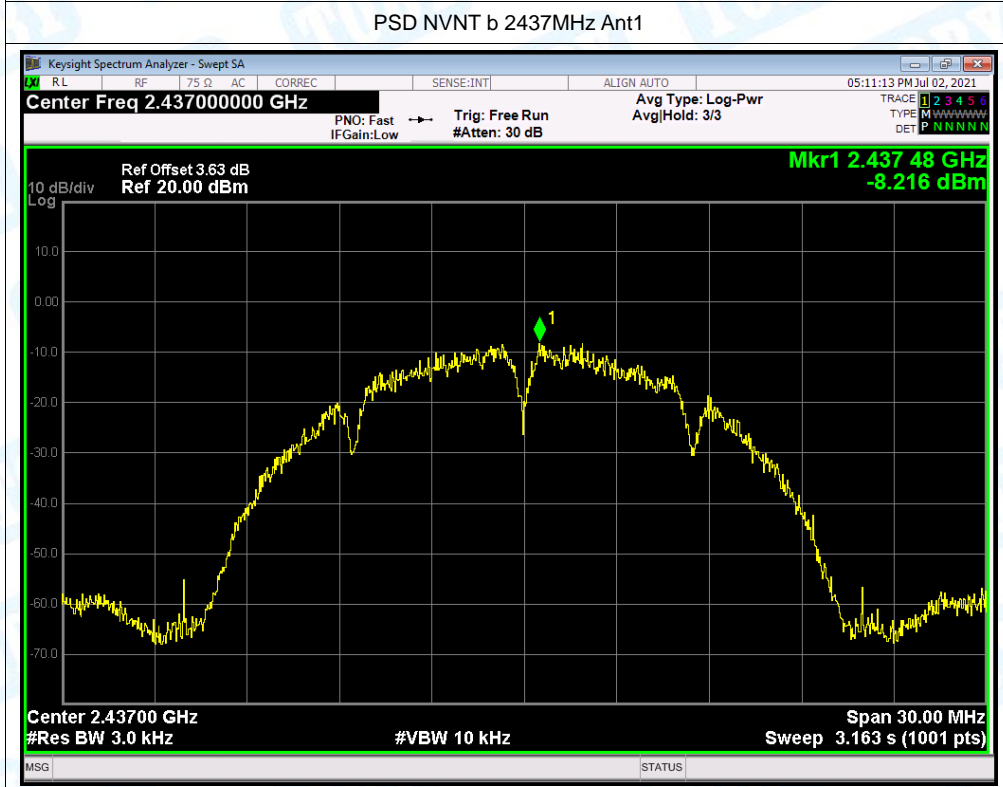
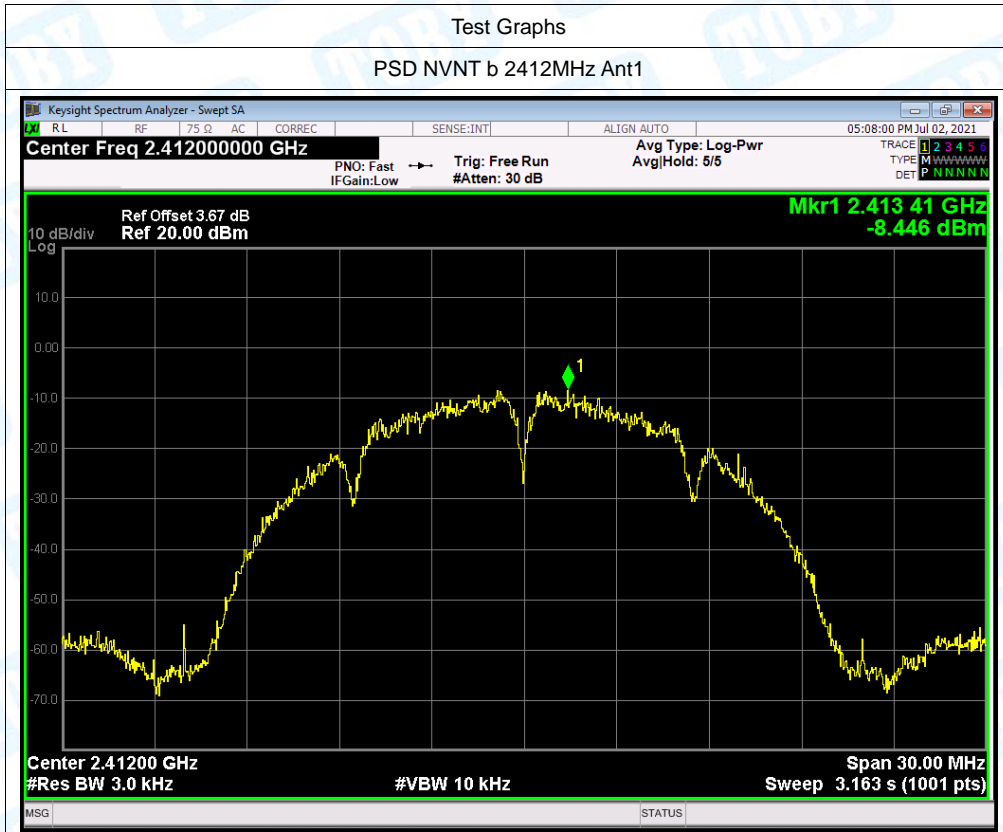


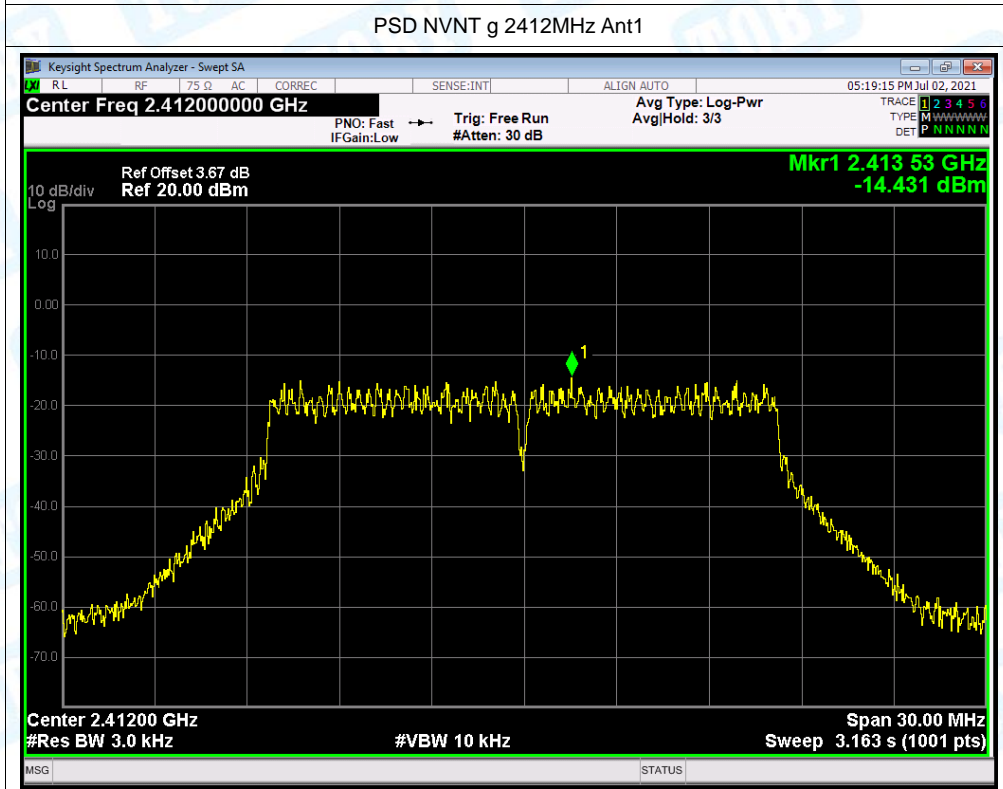
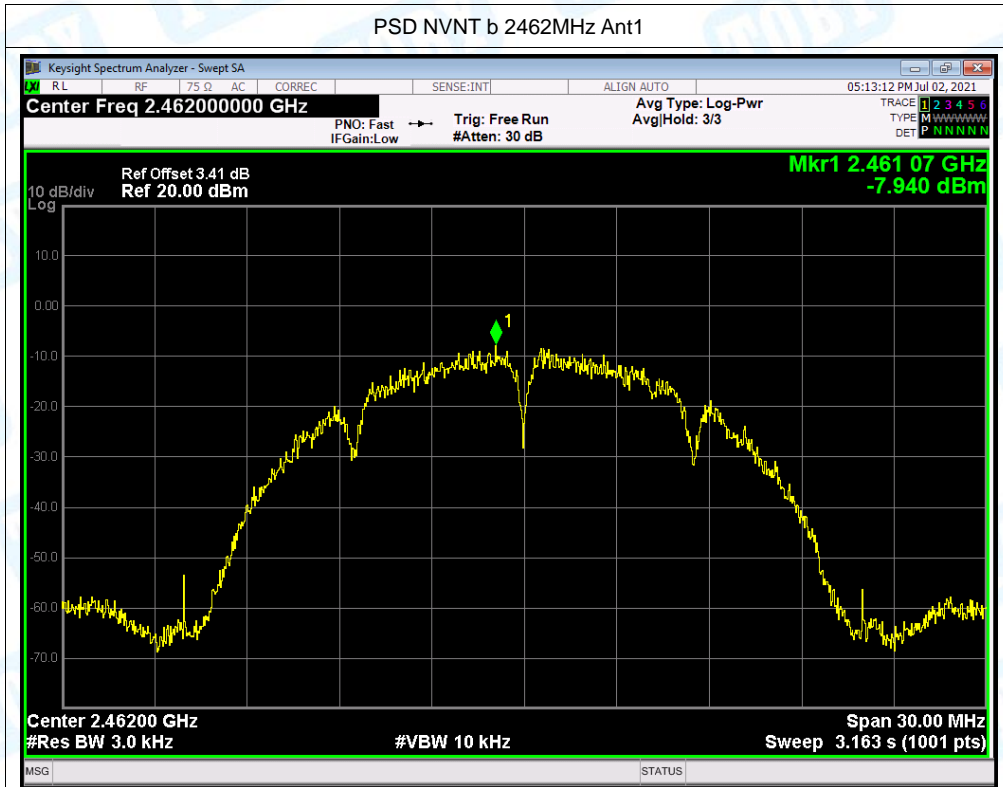
-6dB Bandwidth NVNT n(HT40) 2452MHz Ant1

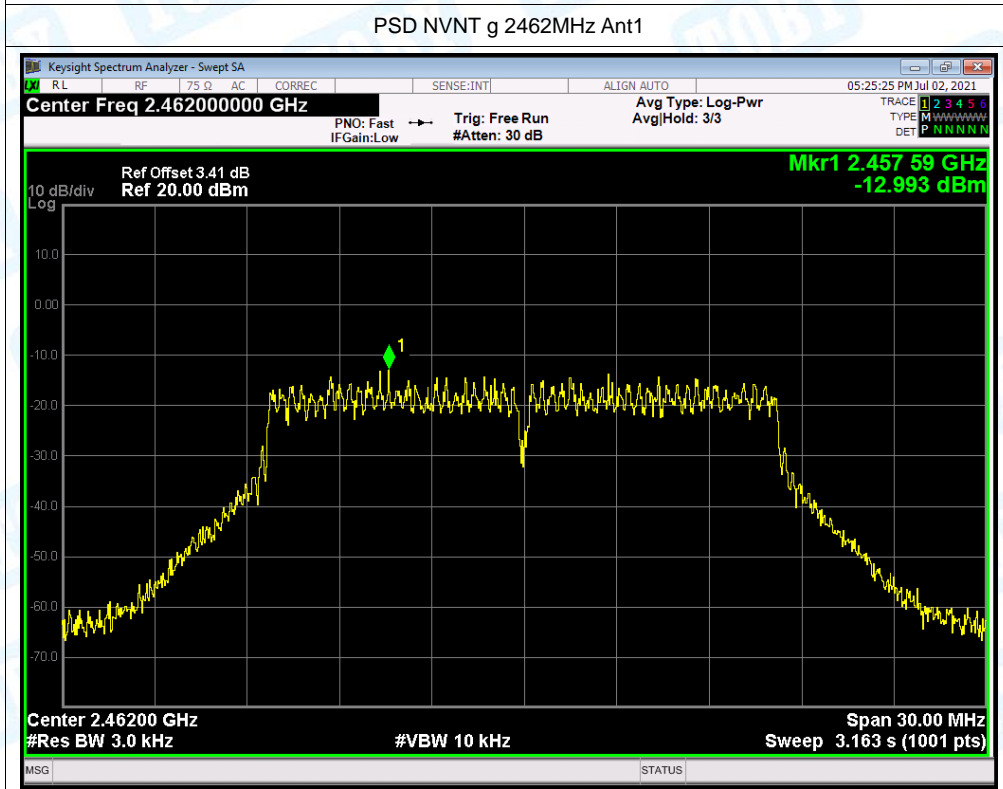
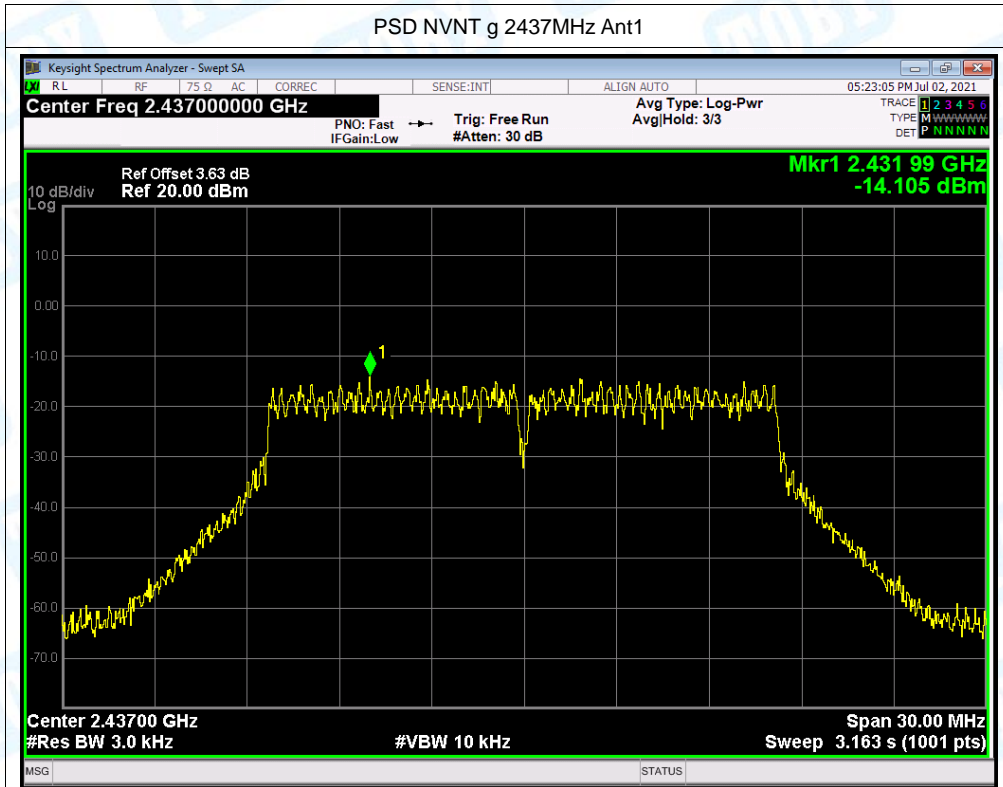


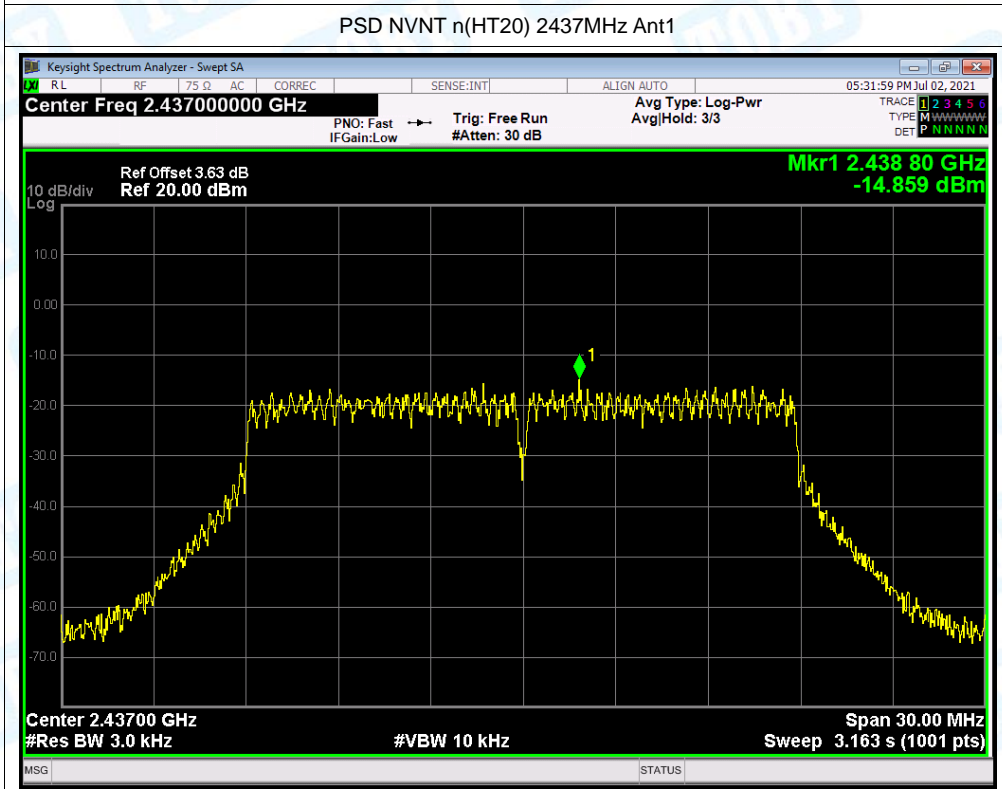
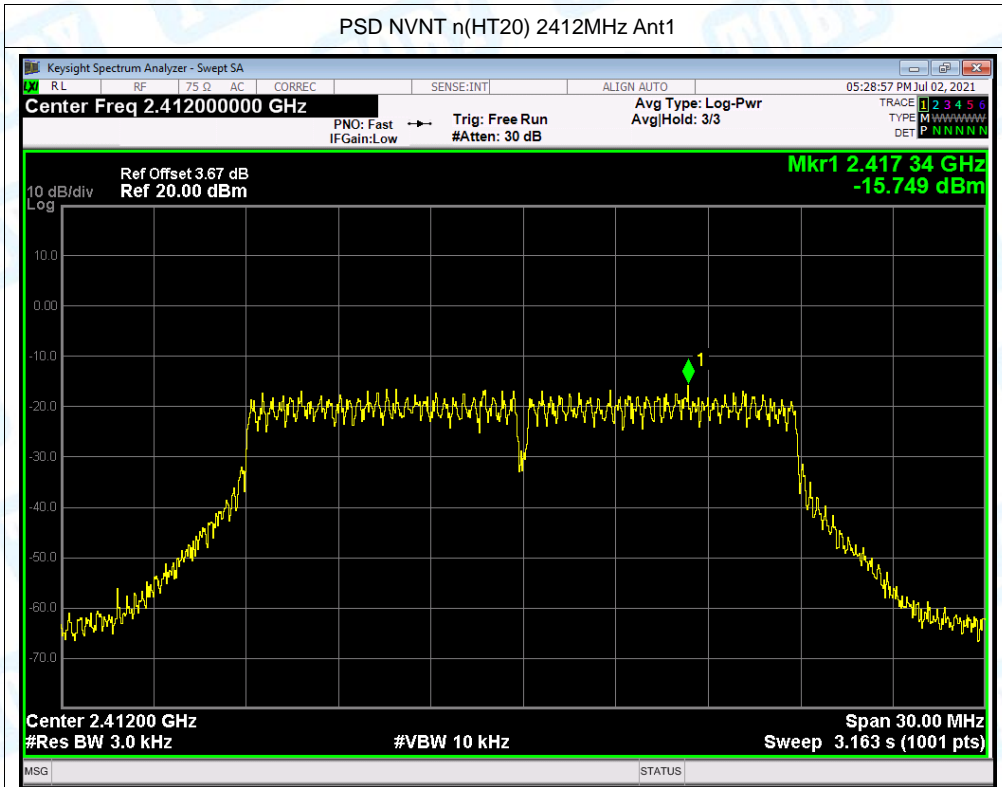
4. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-8.446	8	Pass
NVNT	b	2437	Ant1	-8.216	8	Pass
NVNT	b	2462	Ant1	-7.94	8	Pass
NVNT	g	2412	Ant1	-14.431	8	Pass
NVNT	g	2437	Ant1	-14.105	8	Pass
NVNT	g	2462	Ant1	-12.993	8	Pass
NVNT	n(HT20)	2412	Ant1	-15.749	8	Pass
NVNT	n(HT20)	2437	Ant1	-14.859	8	Pass
NVNT	n(HT20)	2462	Ant1	-14.525	8	Pass
NVNT	n(HT40)	2422	Ant1	-19.357	8	Pass
NVNT	n(HT40)	2437	Ant1	-18.64	8	Pass
NVNT	n(HT40)	2452	Ant1	-19.129	8	Pass

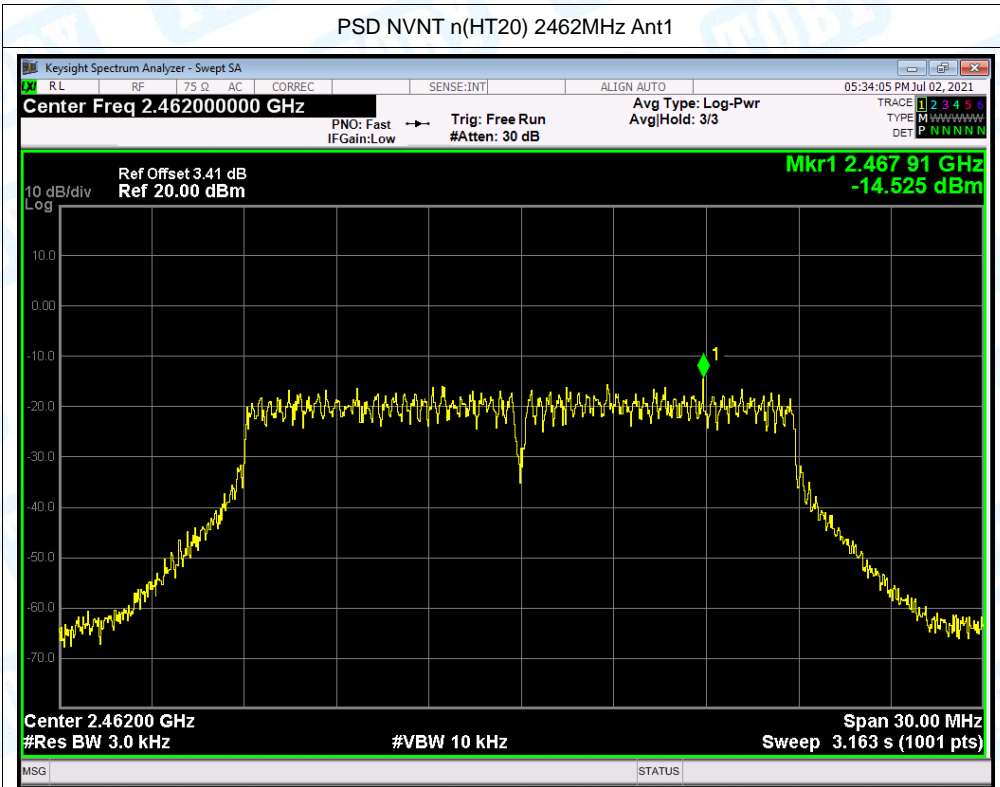




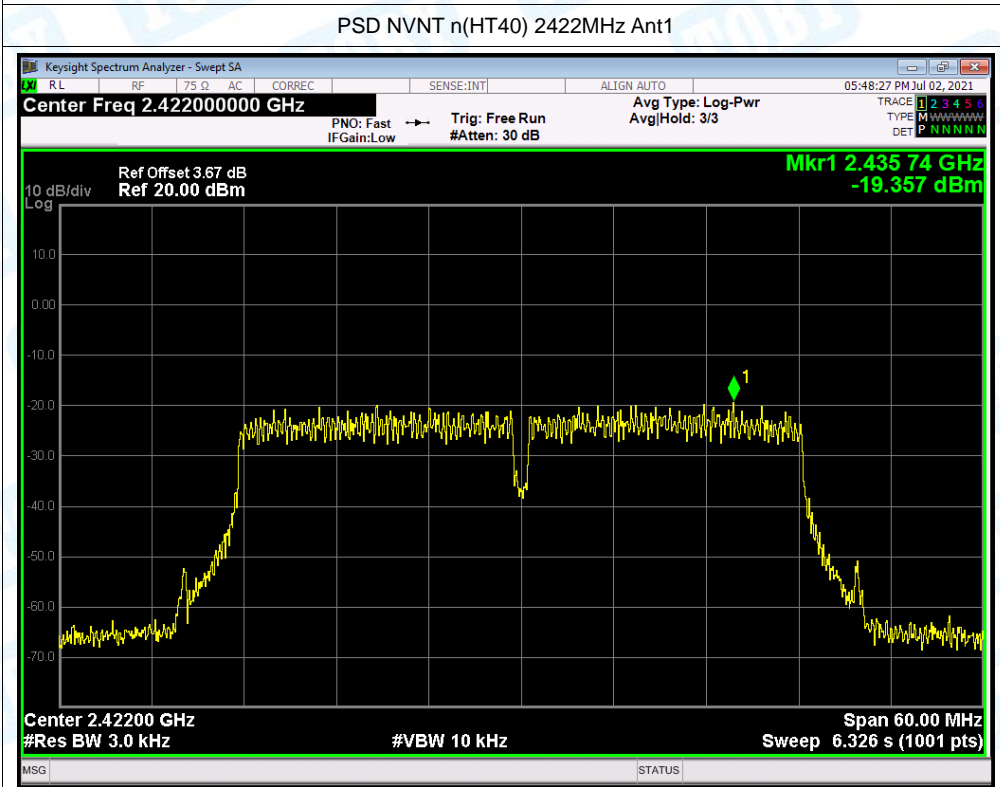


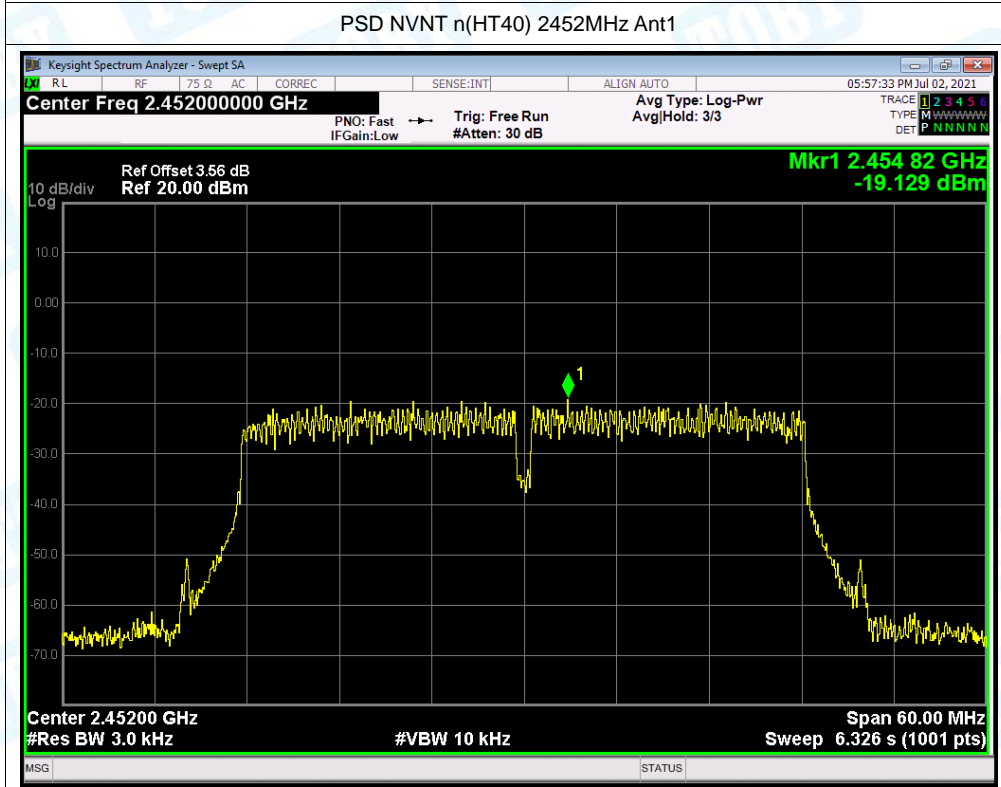
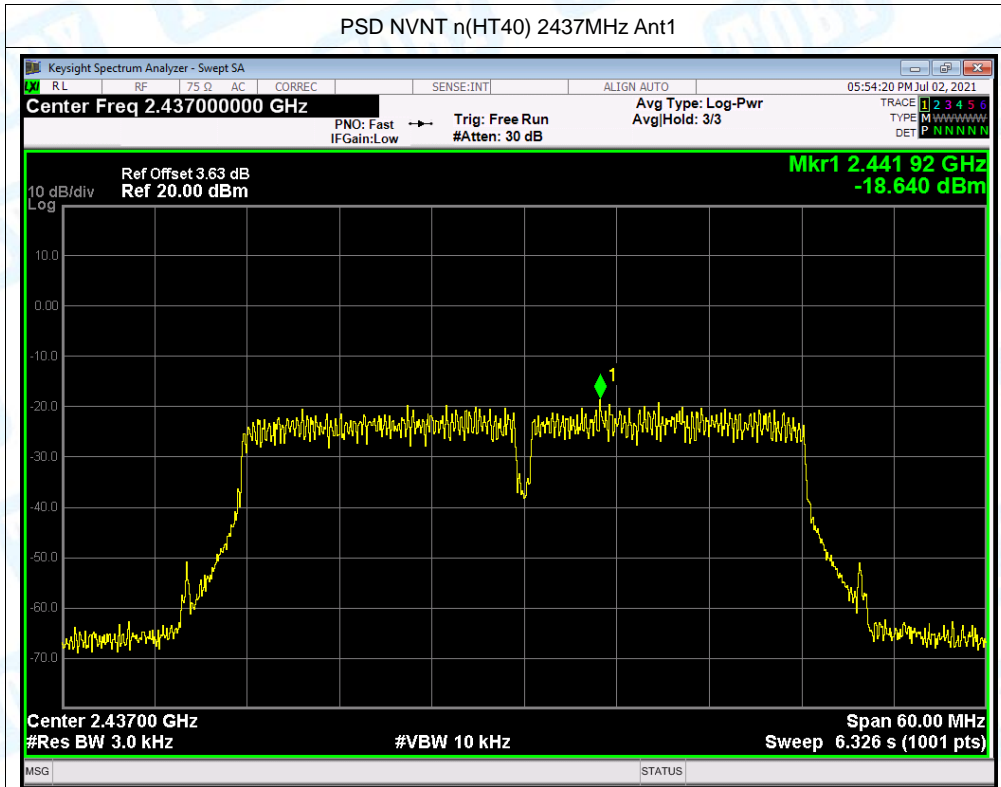


PSD NVNT n(HT20) 2462MHz Ant1



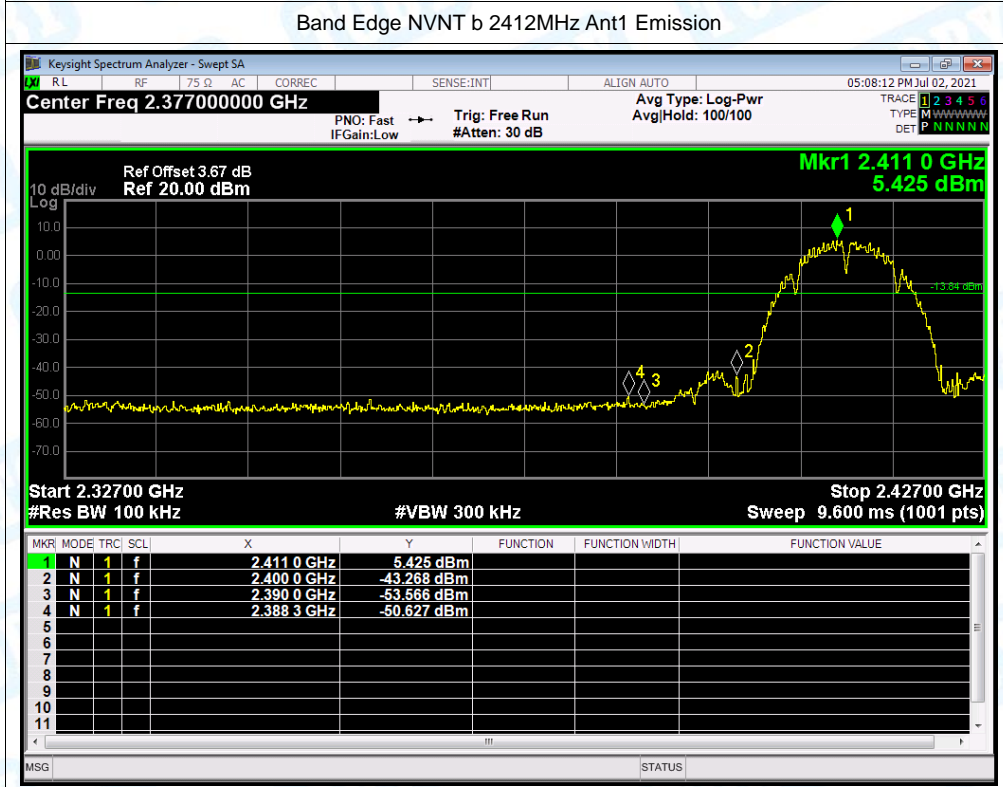
PSD NVNT n(HT40) 2422MHz Ant1

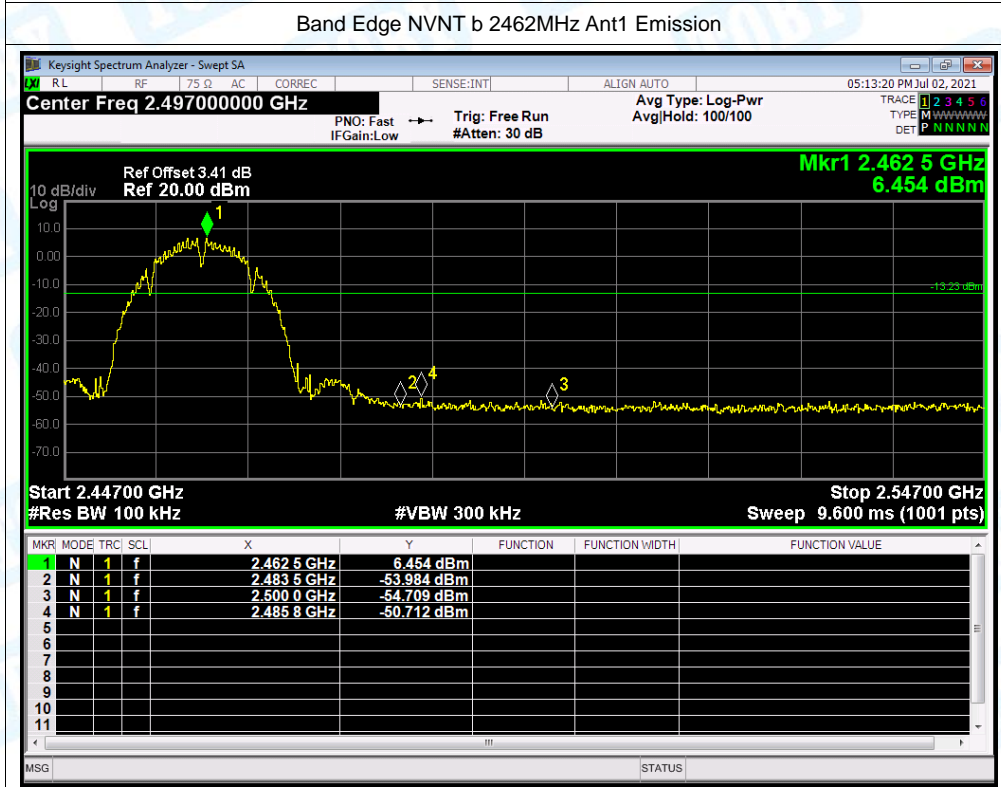
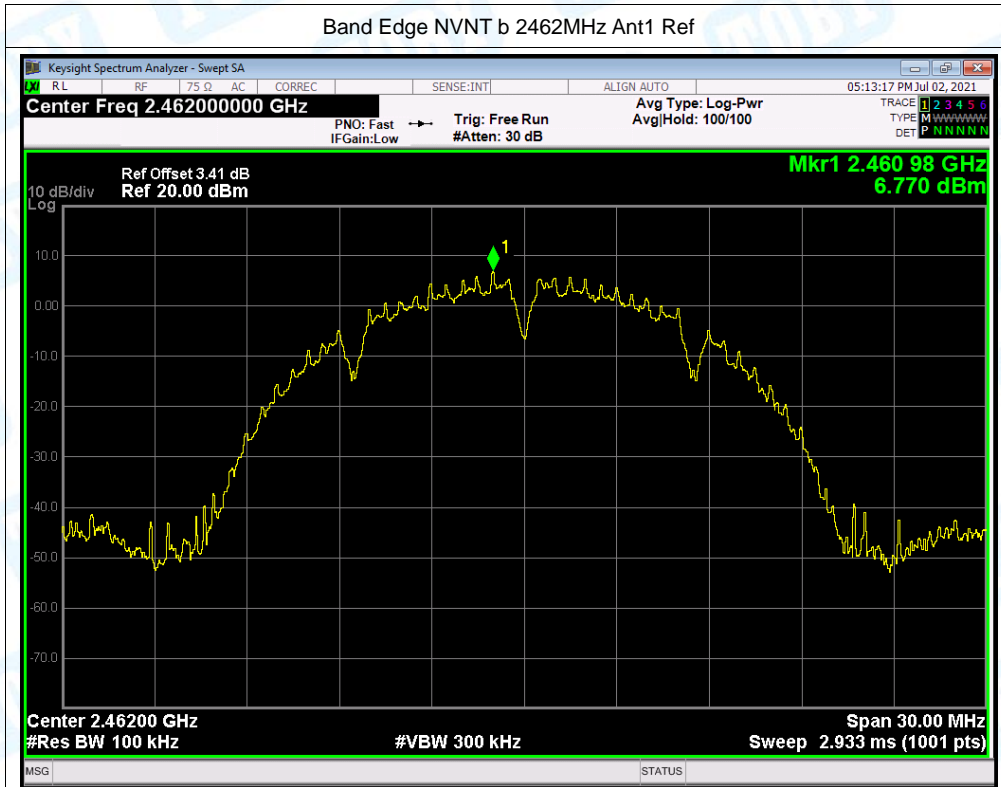


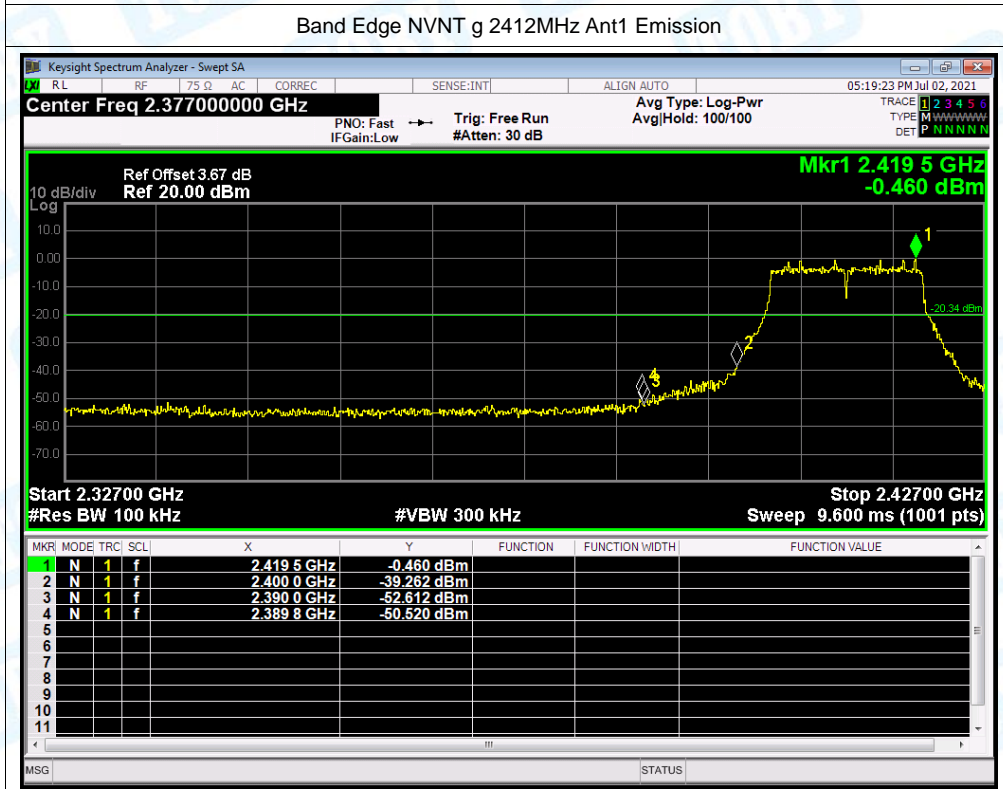
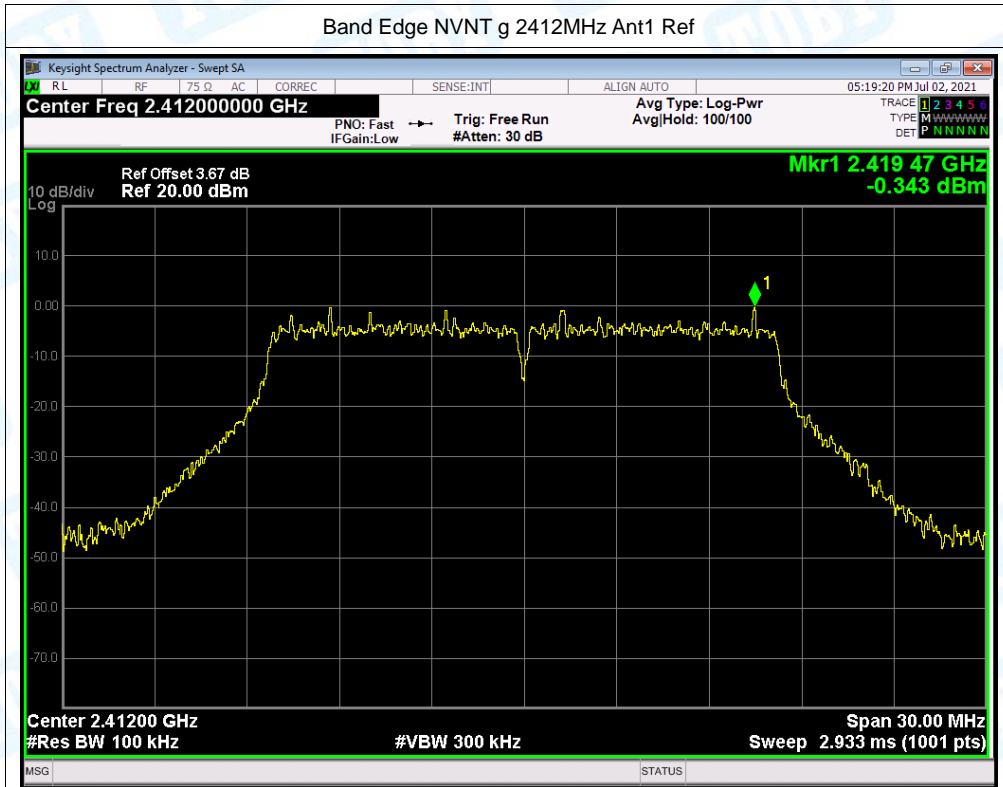


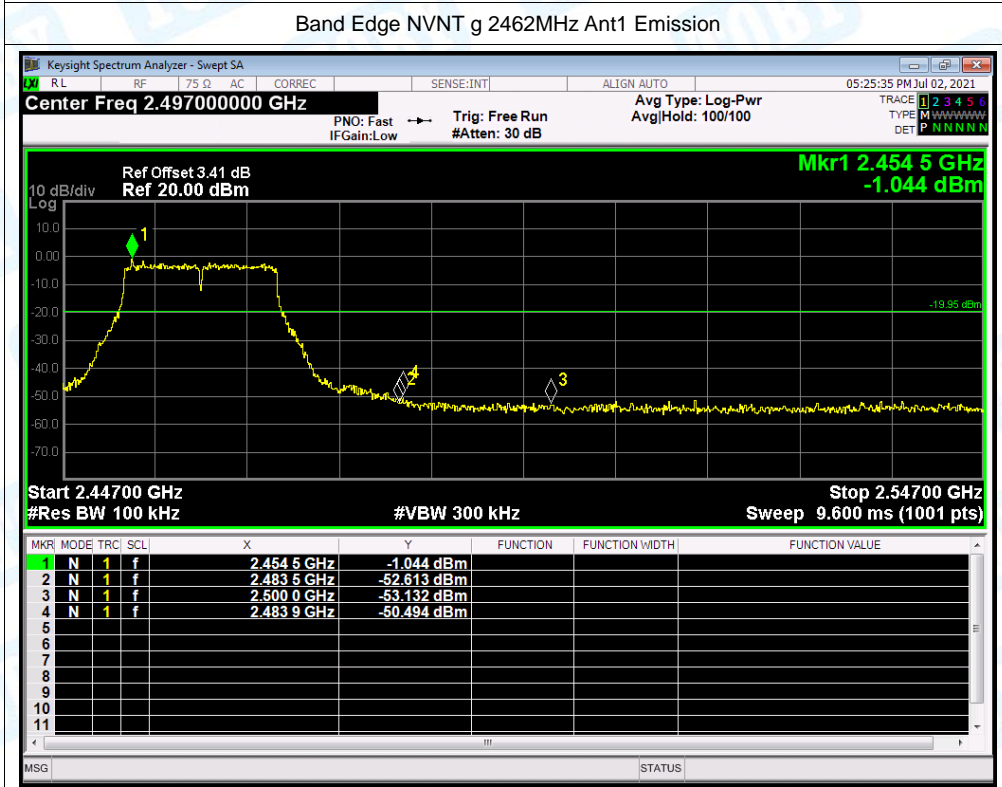
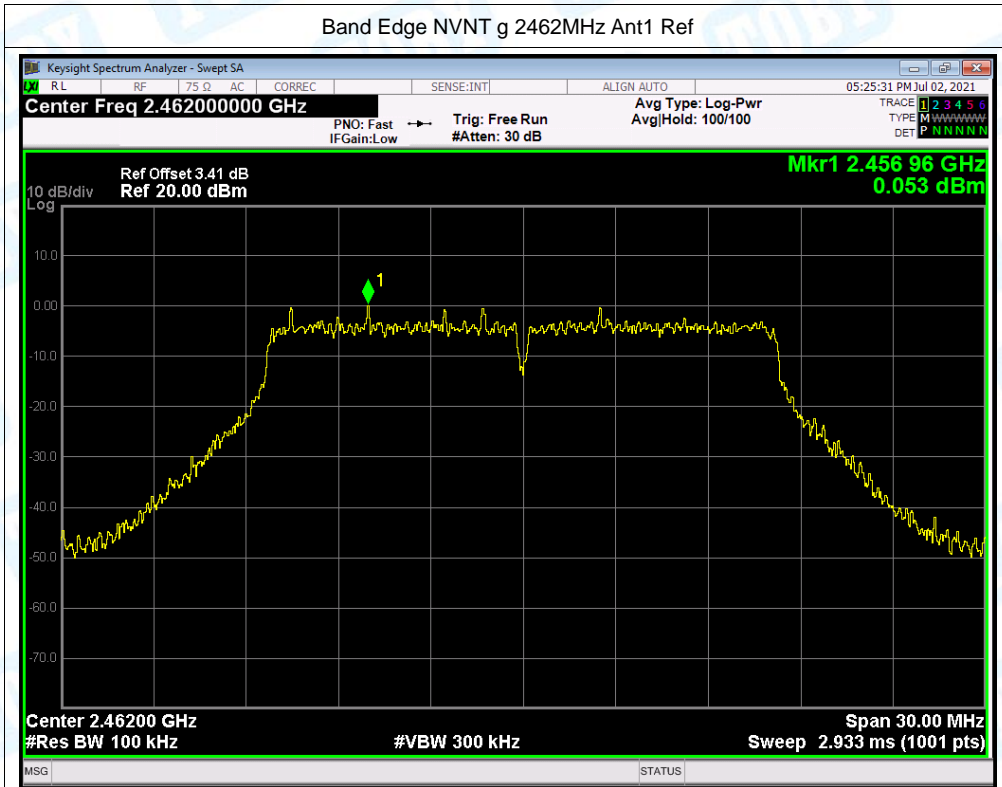
5.Band Edge

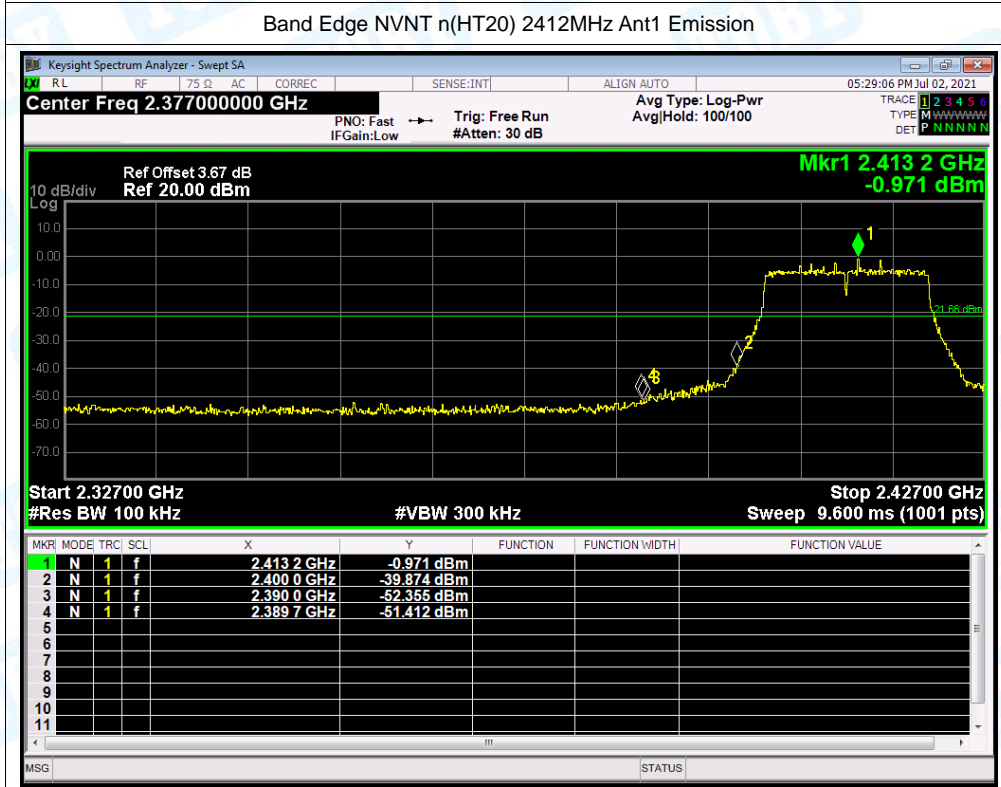
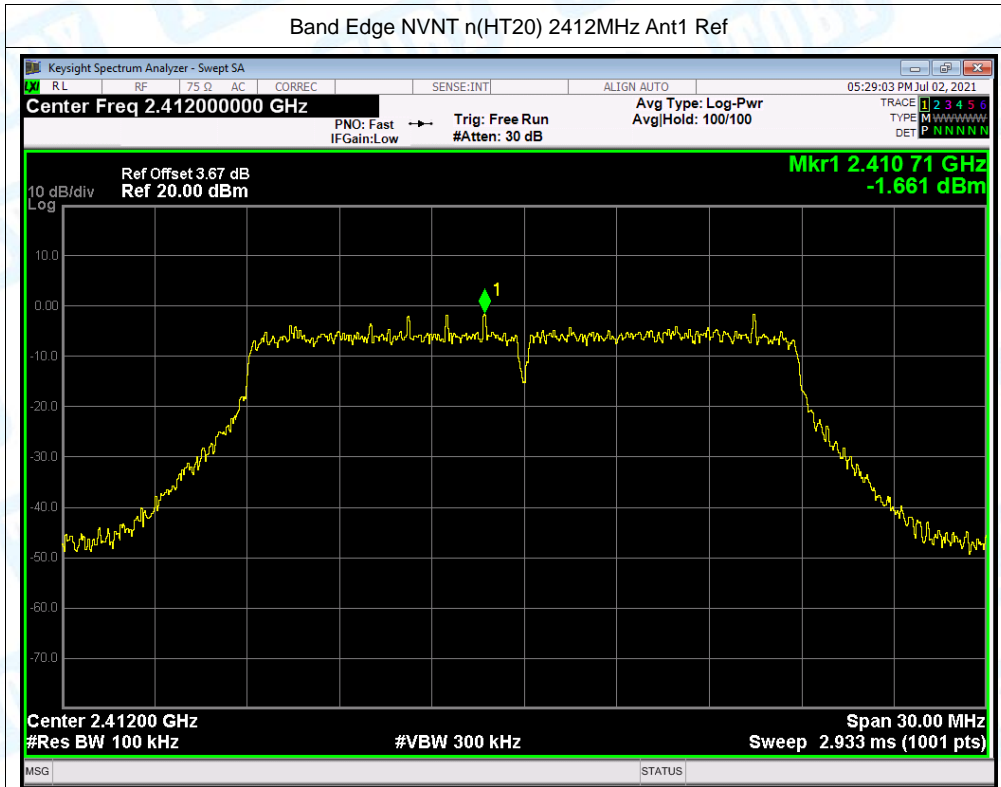
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-56.78	-20	Pass
NVNT	b	2462	Ant1	-57.48	-20	Pass
NVNT	g	2412	Ant1	-50.17	-20	Pass
NVNT	g	2462	Ant1	-50.54	-20	Pass
NVNT	n(HT20)	2412	Ant1	-49.75	-20	Pass
NVNT	n(HT20)	2462	Ant1	-49.91	-20	Pass
NVNT	n(HT40)	2422	Ant1	-43.44	-20	Pass
NVNT	n(HT40)	2452	Ant1	-43.06	-20	Pass

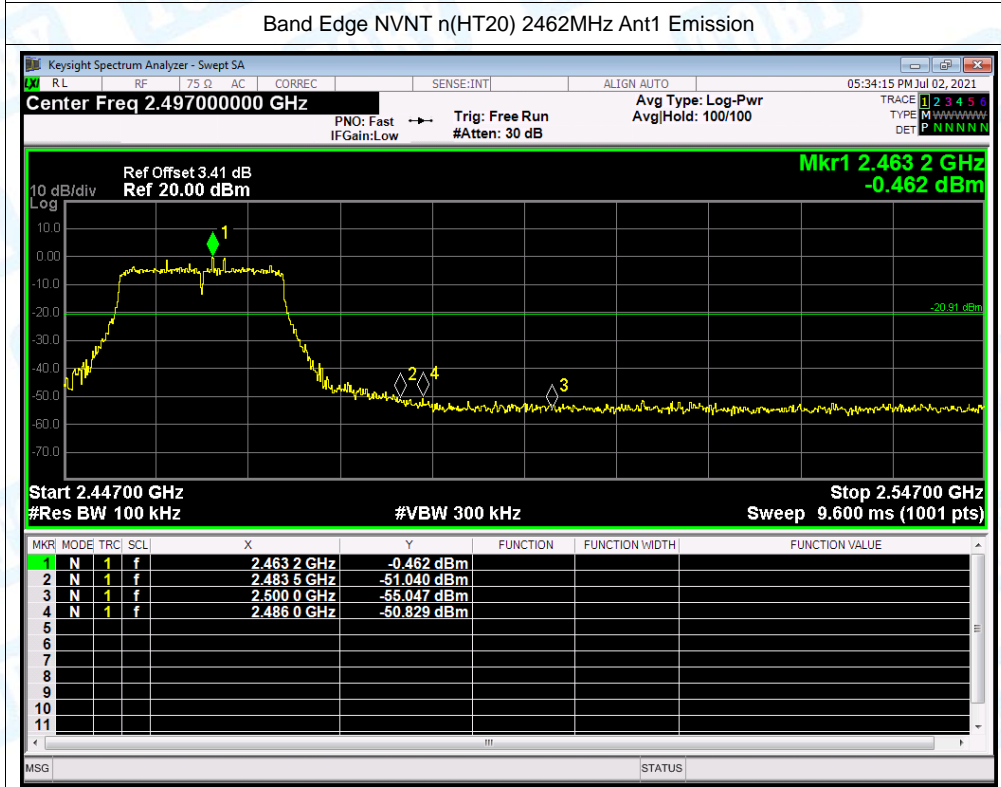
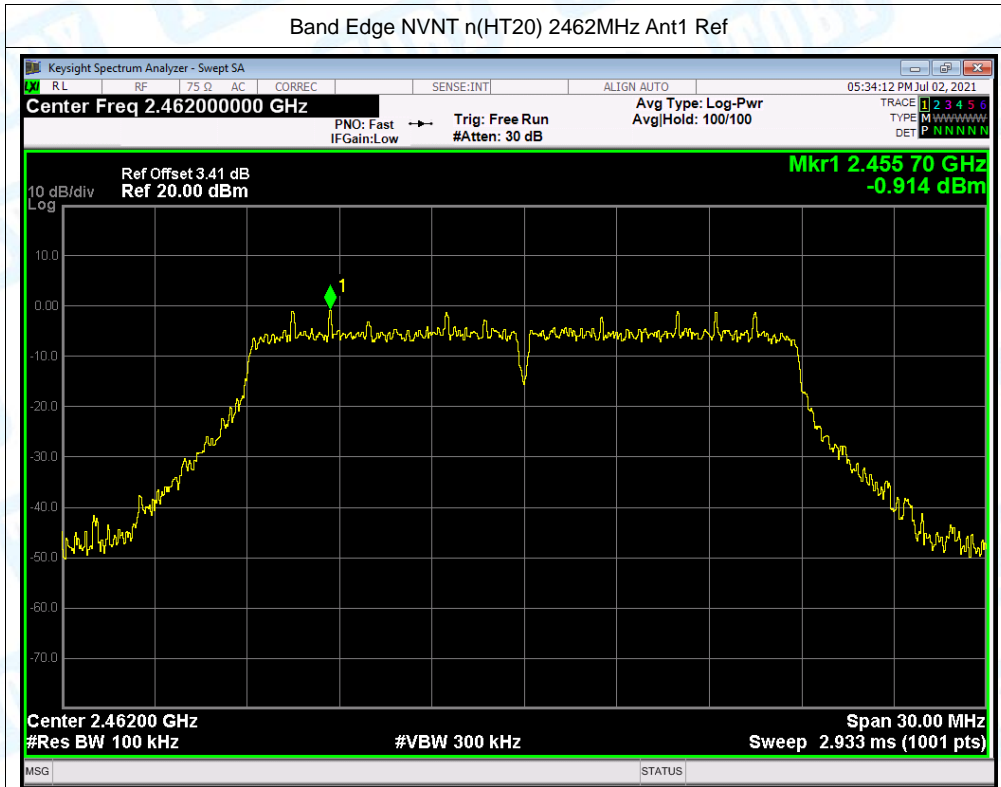


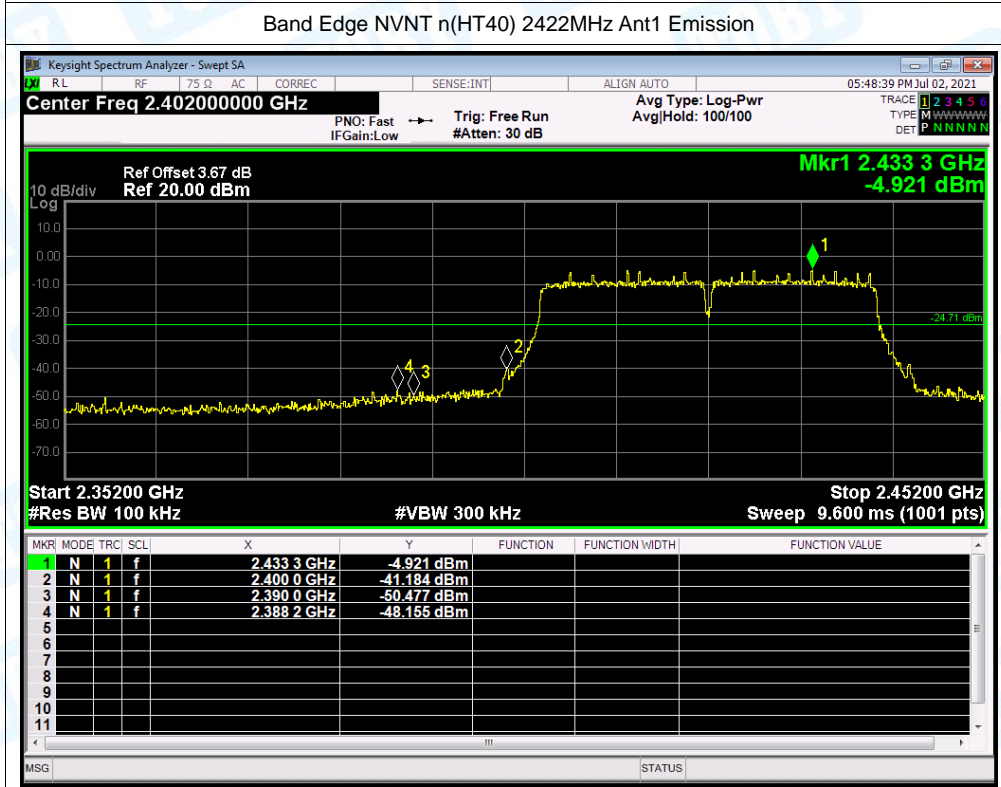
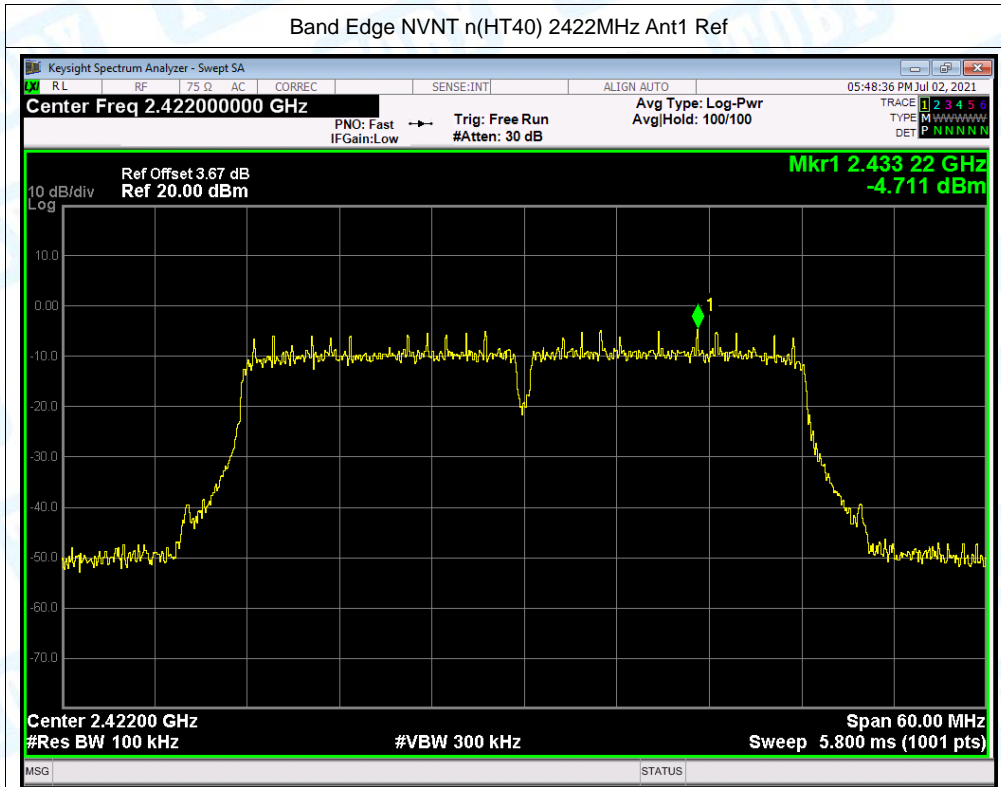


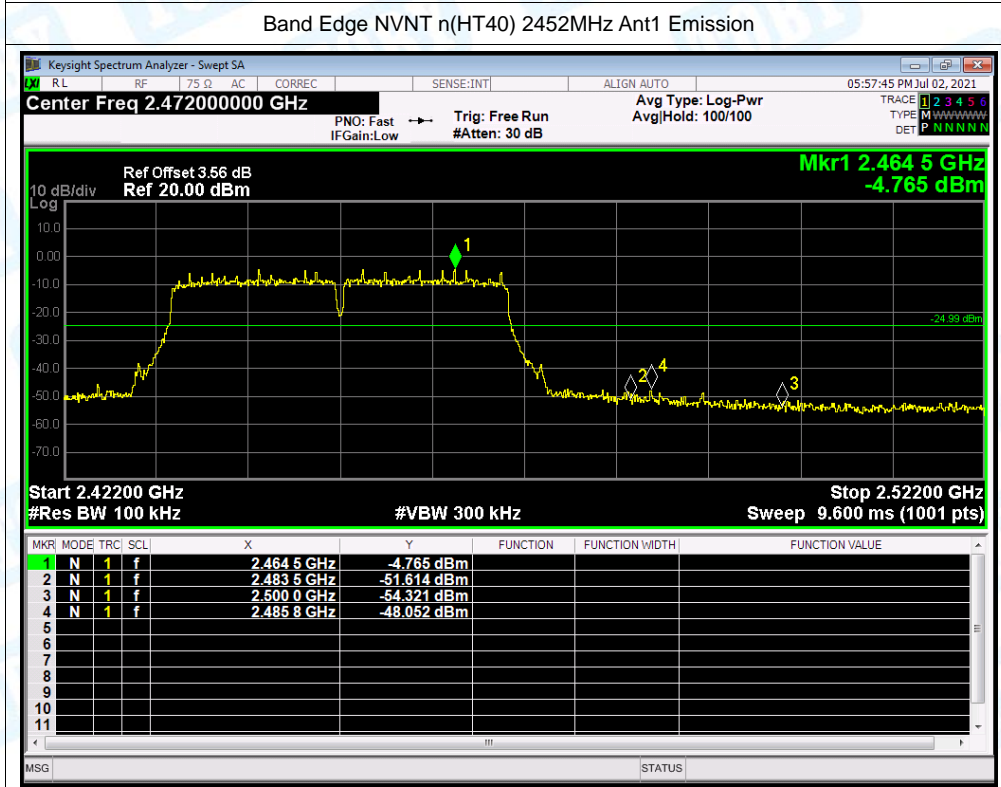
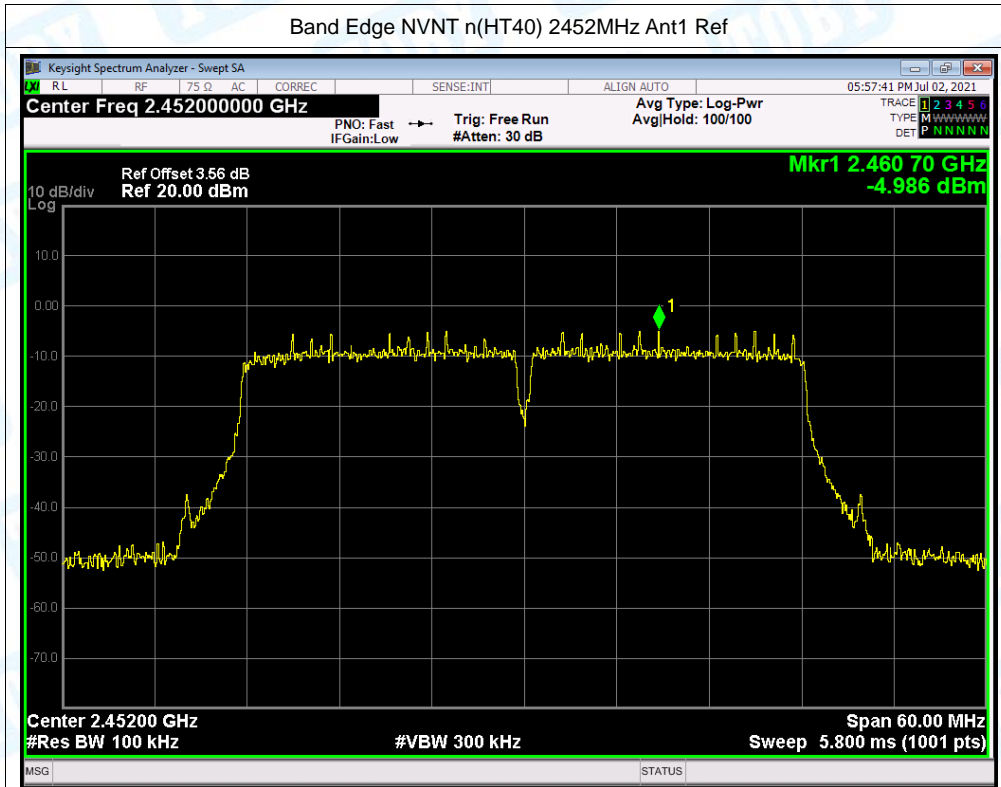






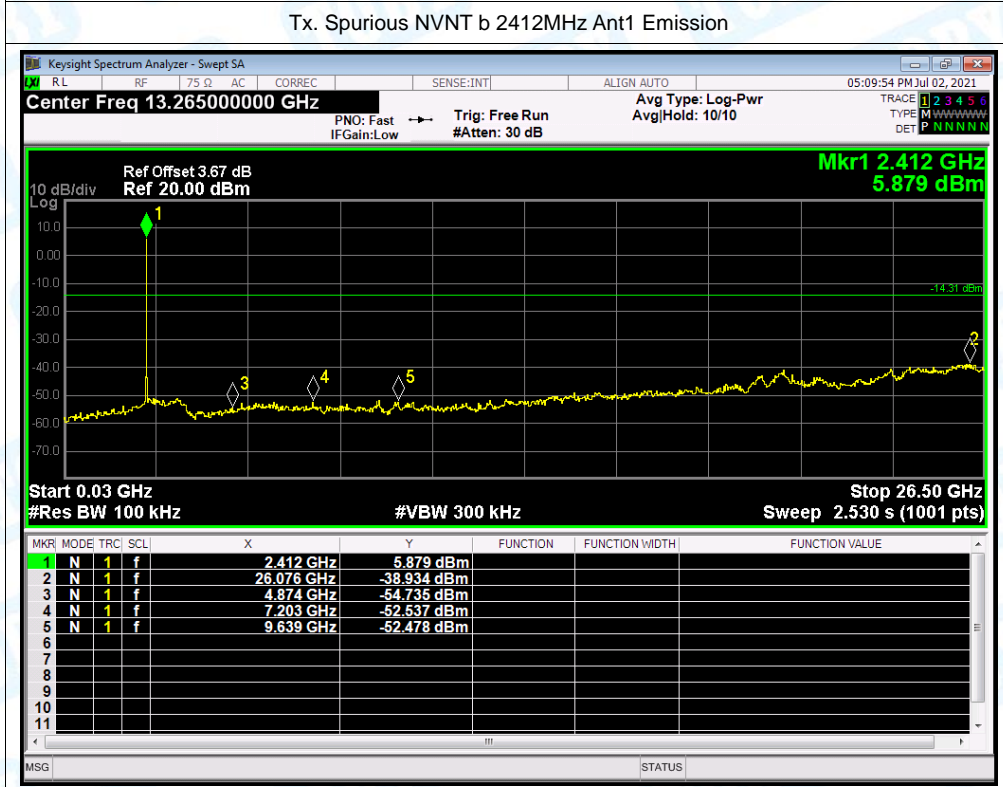
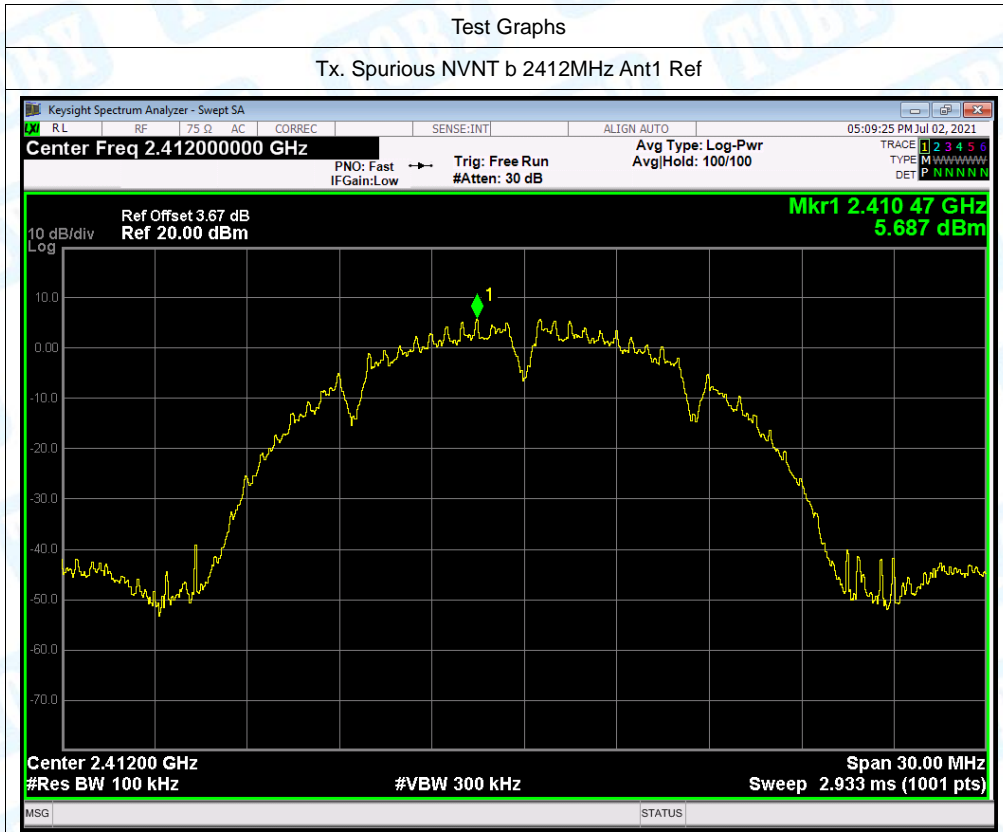




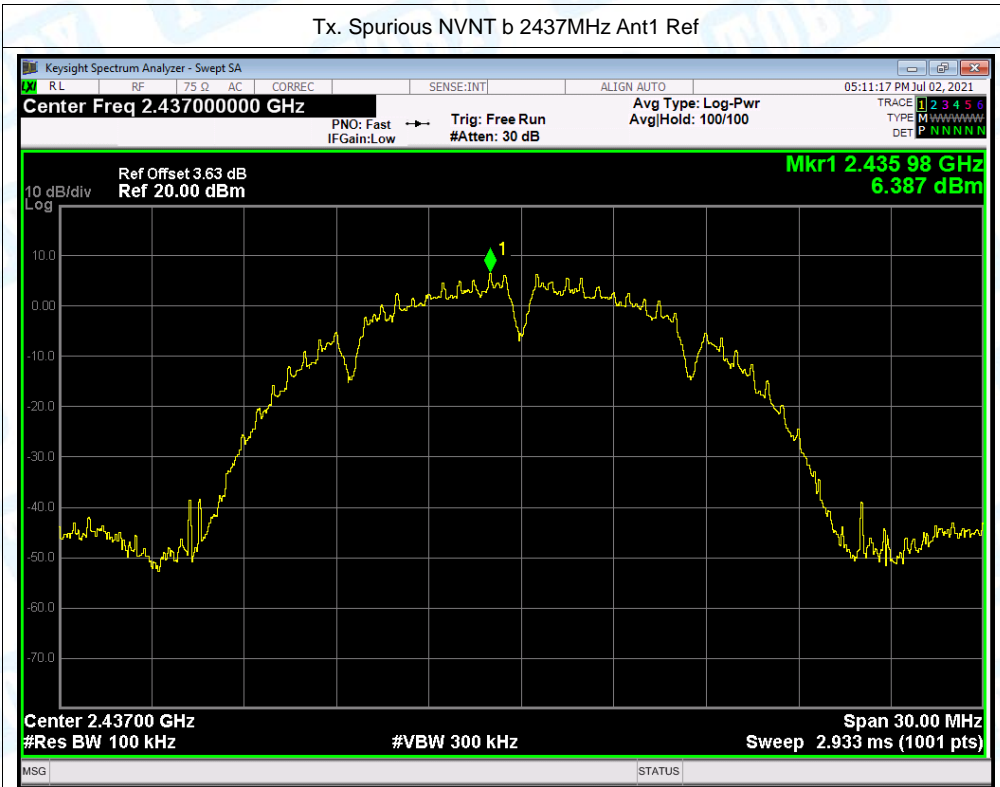


6. Conducted RF Spurious Emission

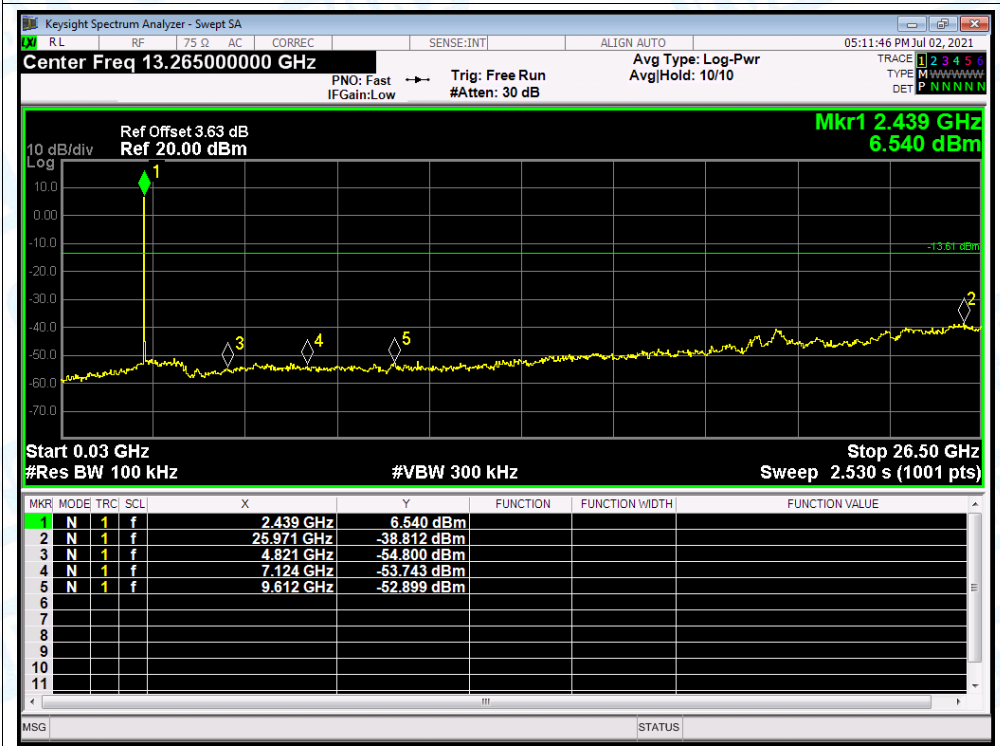
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-44.62	-20	Pass
NVNT	b	2437	Ant1	-45.2	-20	Pass
NVNT	b	2462	Ant1	-45.33	-20	Pass
NVNT	g	2412	Ant1	-39.09	-20	Pass
NVNT	g	2437	Ant1	-38.32	-20	Pass
NVNT	g	2462	Ant1	-39.35	-20	Pass
NVNT	n(HT20)	2412	Ant1	-37.65	-20	Pass
NVNT	n(HT20)	2437	Ant1	-36.16	-20	Pass
NVNT	n(HT20)	2462	Ant1	-38.26	-20	Pass
NVNT	n(HT40)	2422	Ant1	-33.61	-20	Pass
NVNT	n(HT40)	2437	Ant1	-34.54	-20	Pass
NVNT	n(HT40)	2452	Ant1	-34.35	-20	Pass

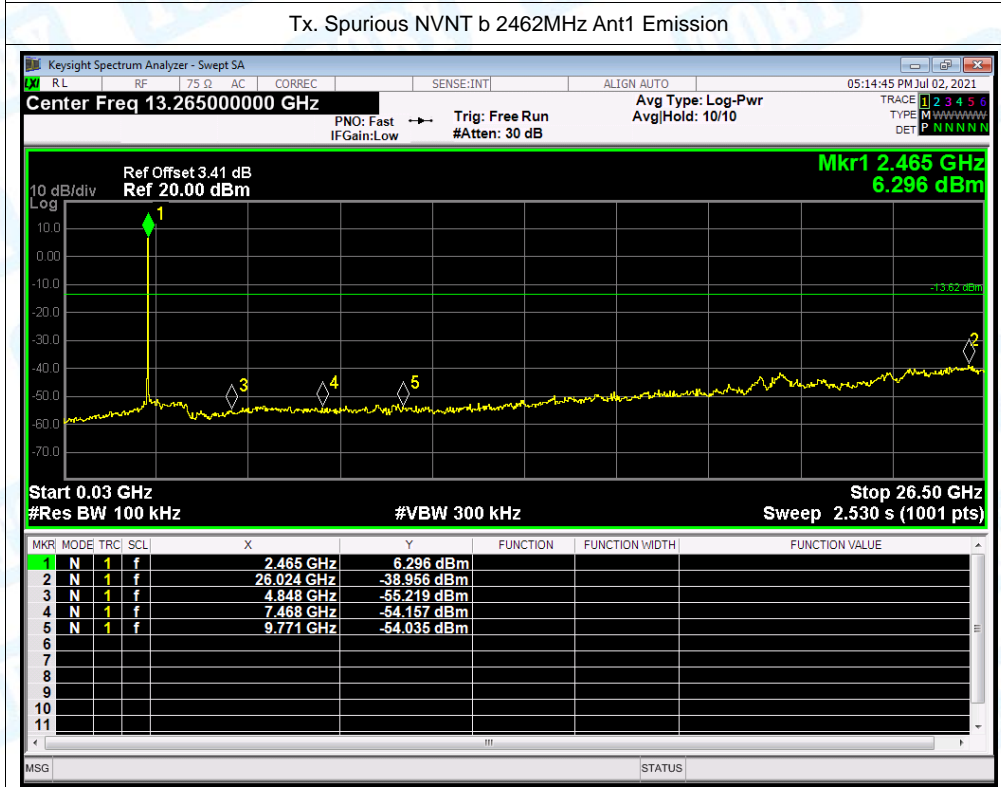
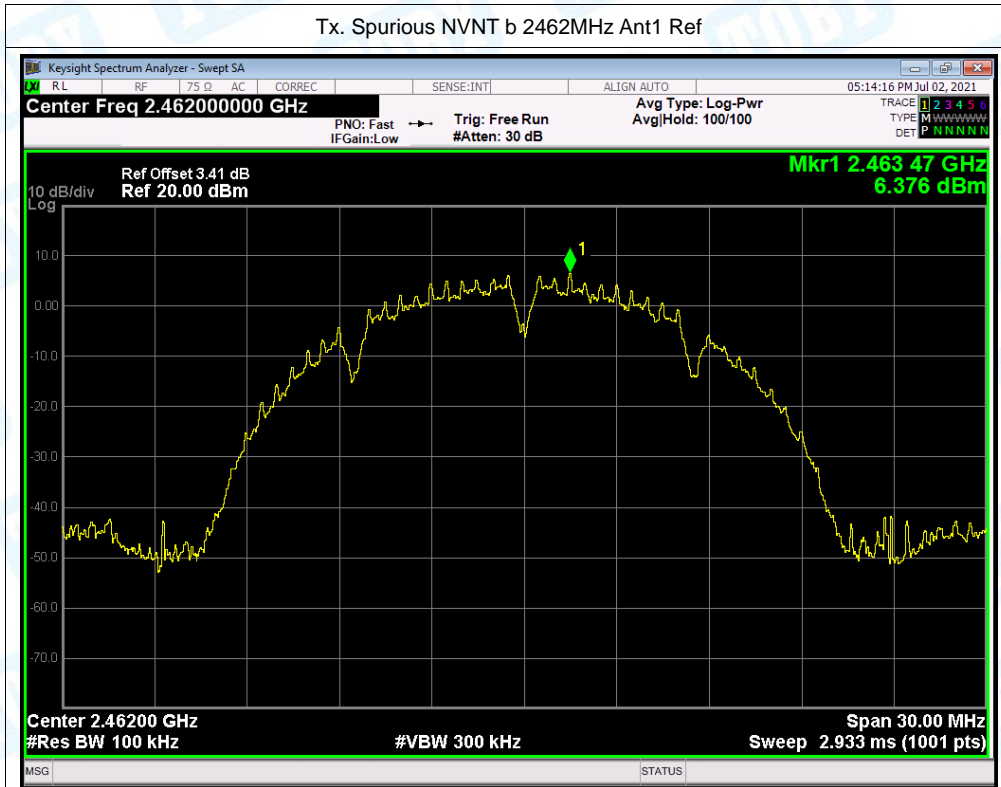


Tx. Spurious NVNT b 2437MHz Ant1 Ref

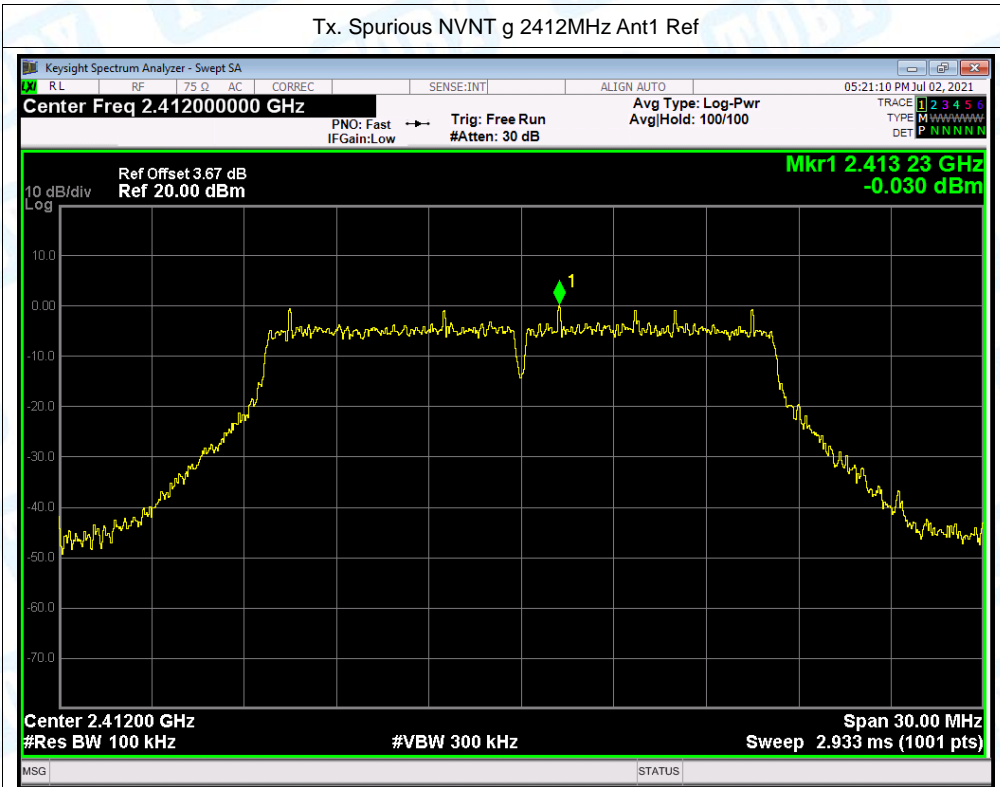


Tx. Spurious NVNT b 2437MHz Ant1 Emission

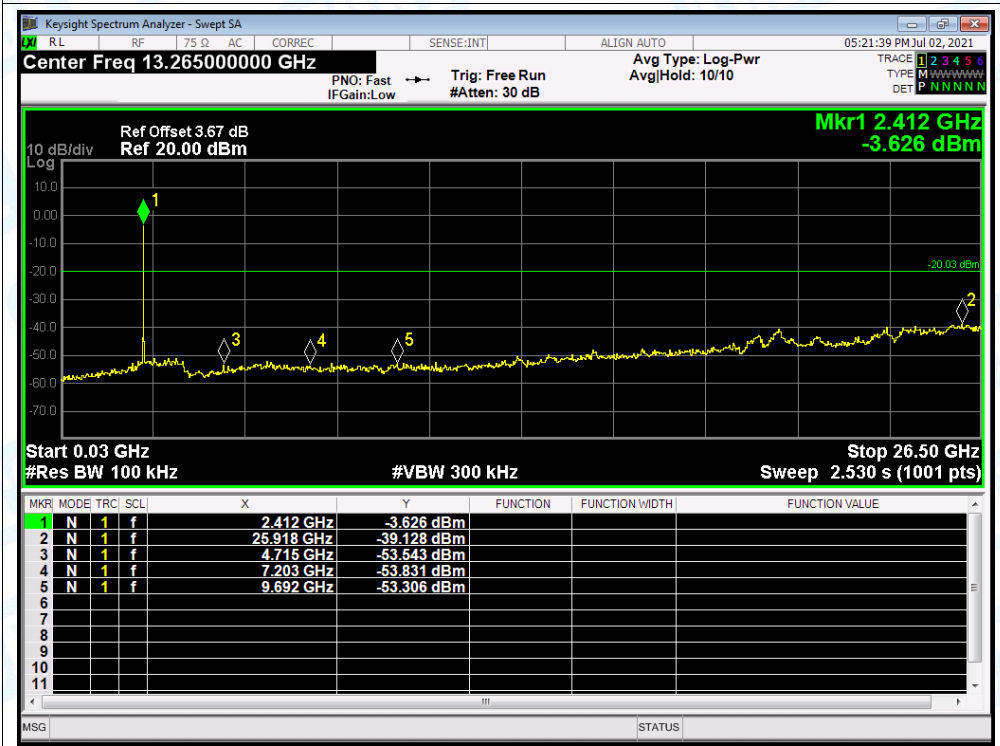




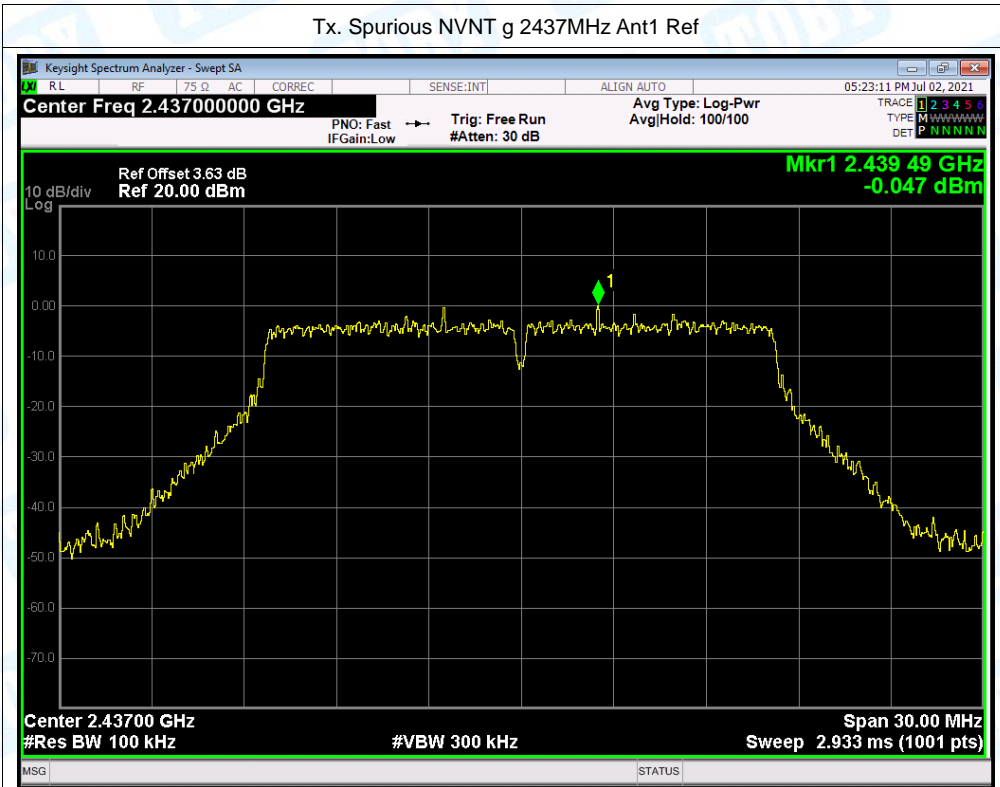
Tx. Spurious NVNT g 2412MHz Ant1 Ref



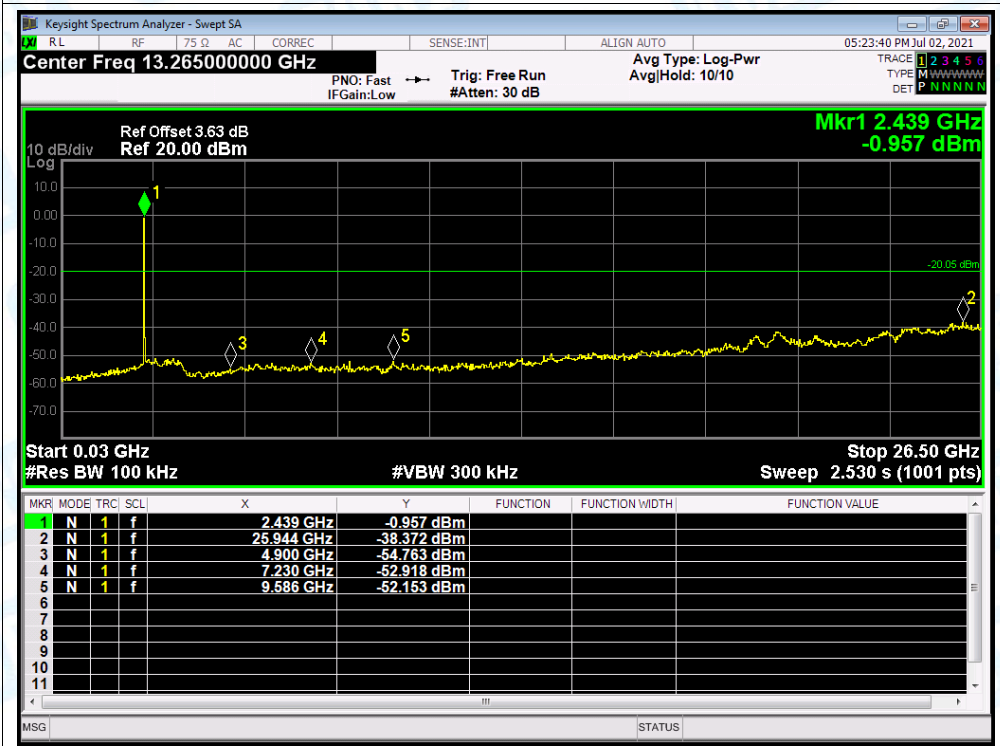
Tx. Spurious NVNT g 2412MHz Ant1 Emission



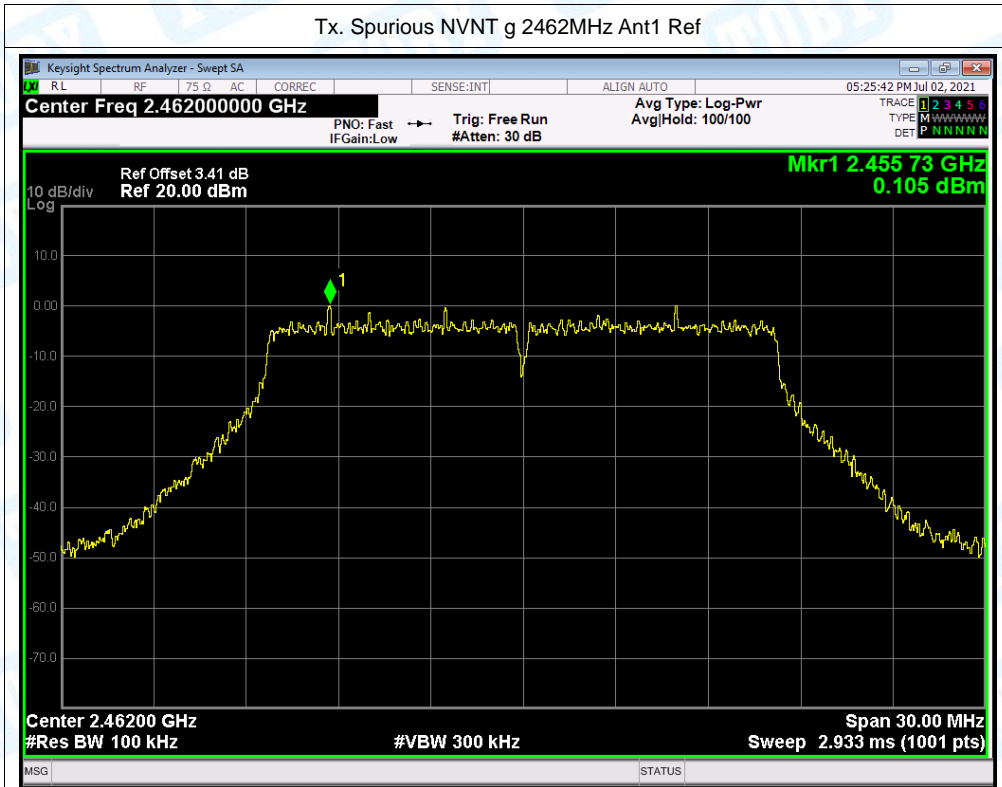
Tx. Spurious NVNT g 2437MHz Ant1 Ref



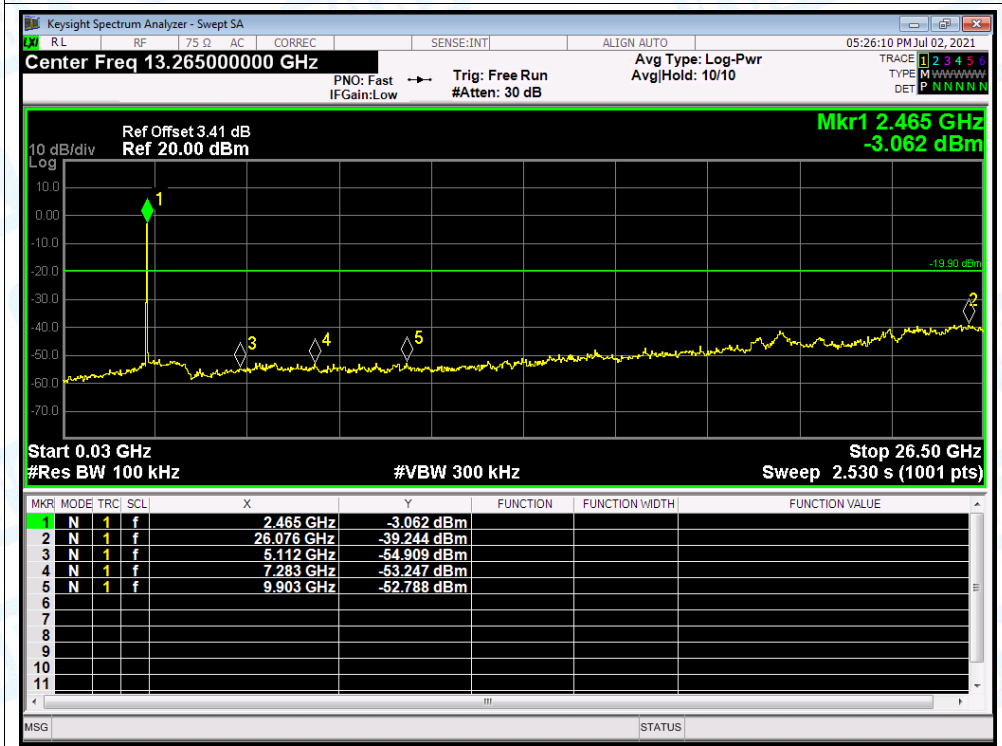
Tx. Spurious NVNT g 2437MHz Ant1 Emission



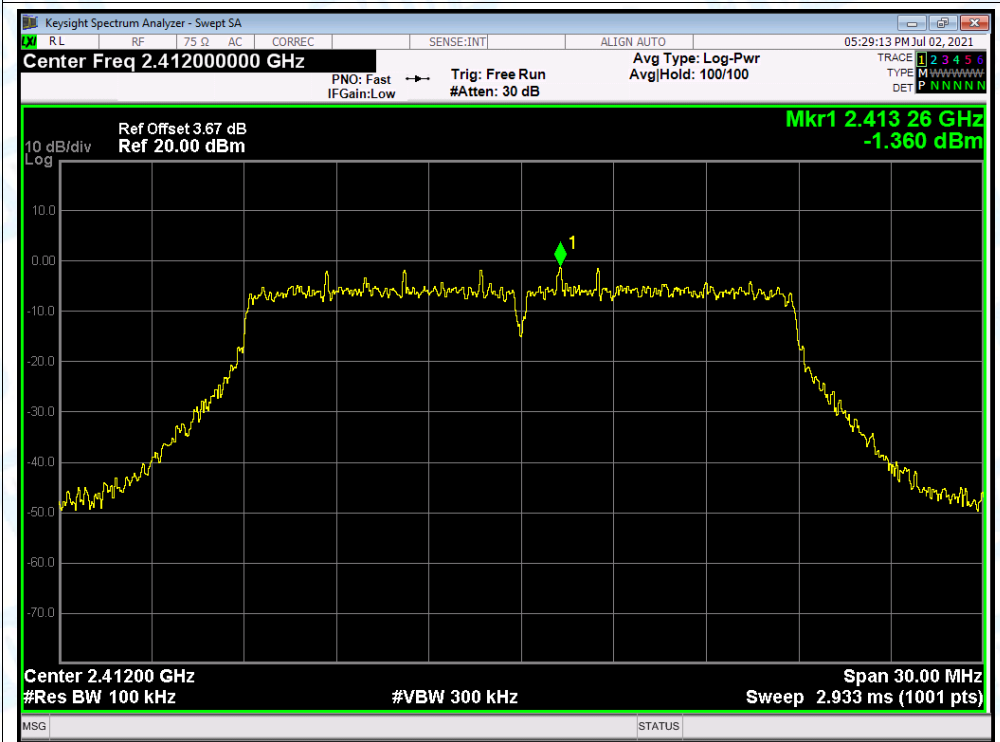
Tx. Spurious NVNT g 2462MHz Ant1 Ref



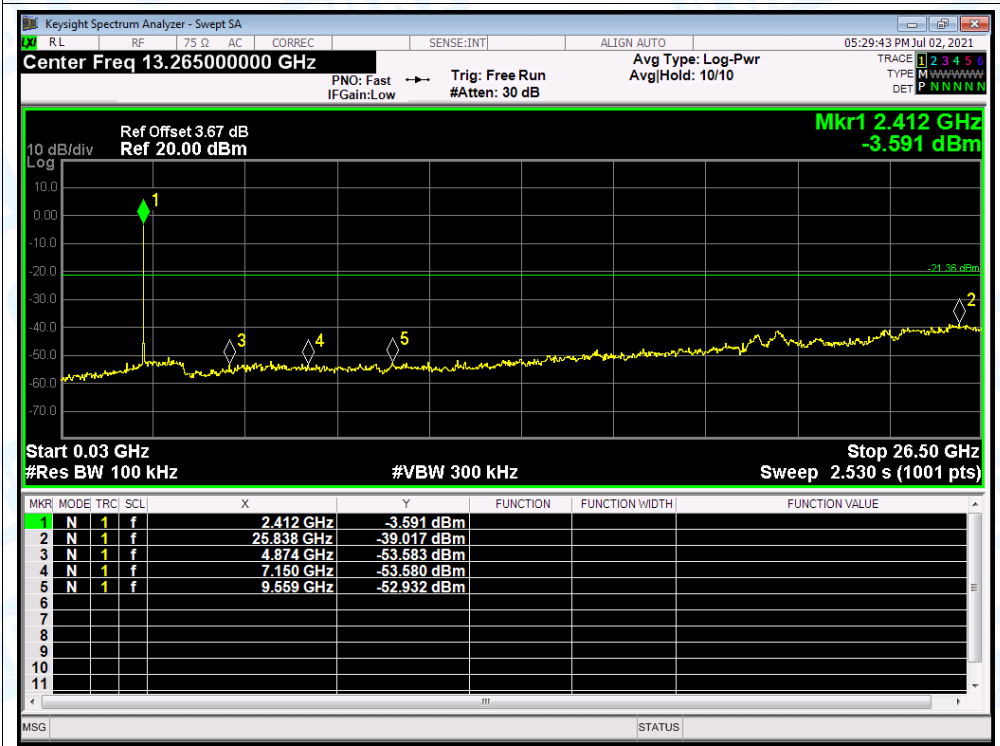
Tx. Spurious NVNT g 2462MHz Ant1 Emission

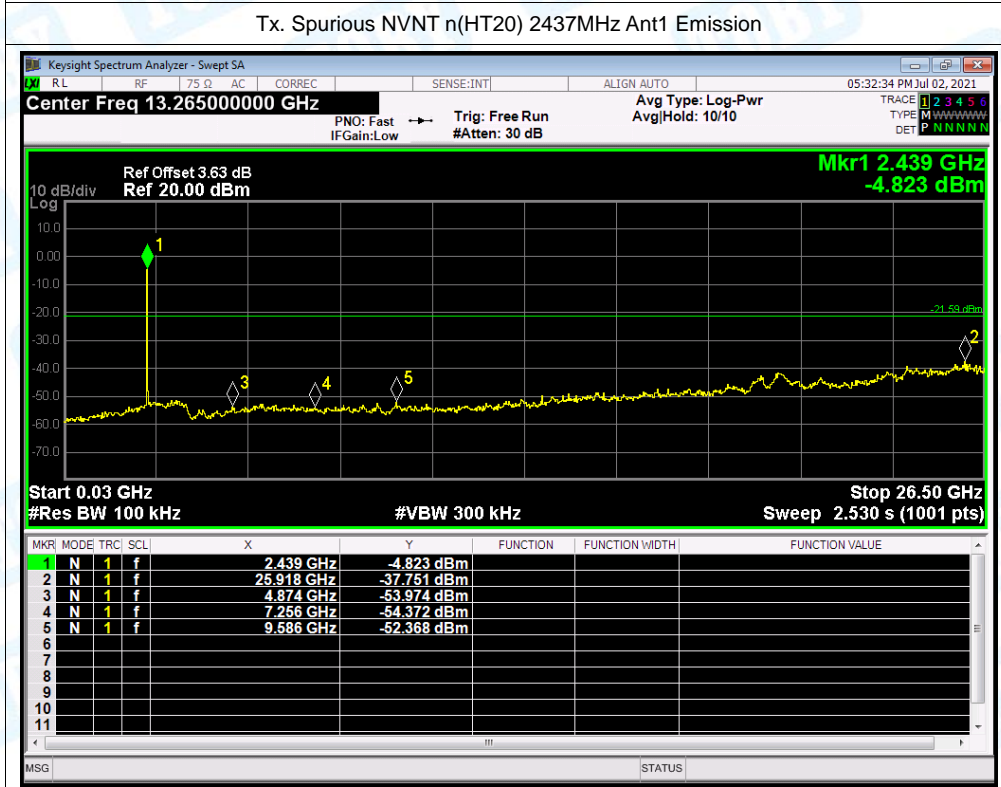
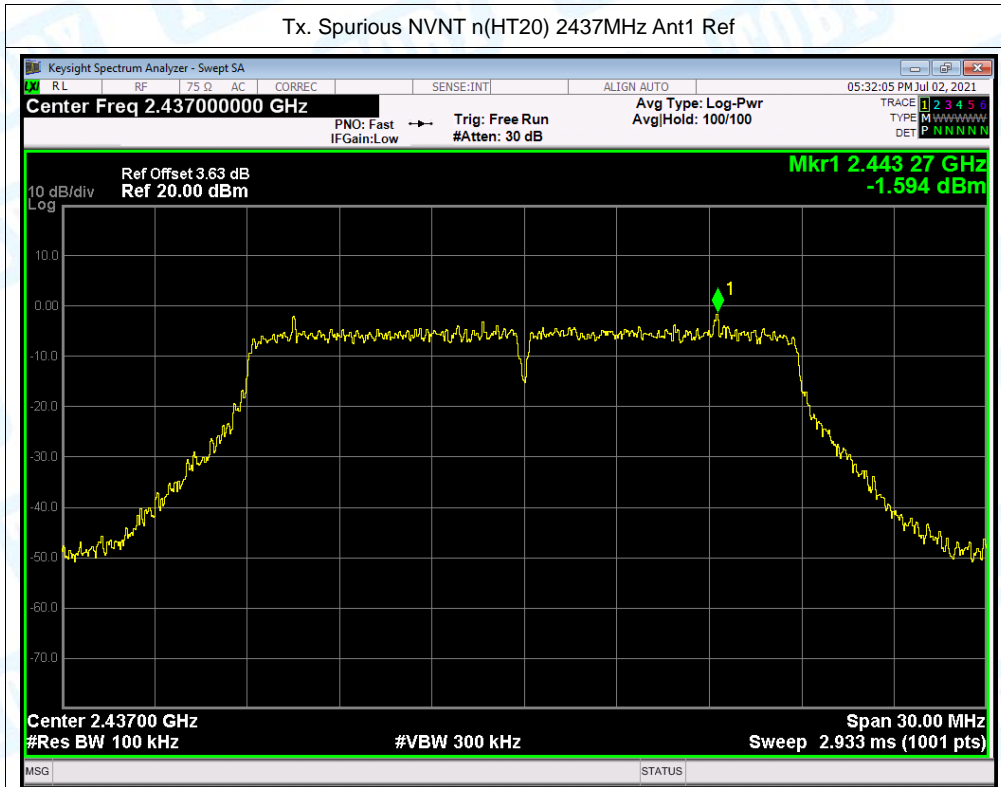


Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Ref

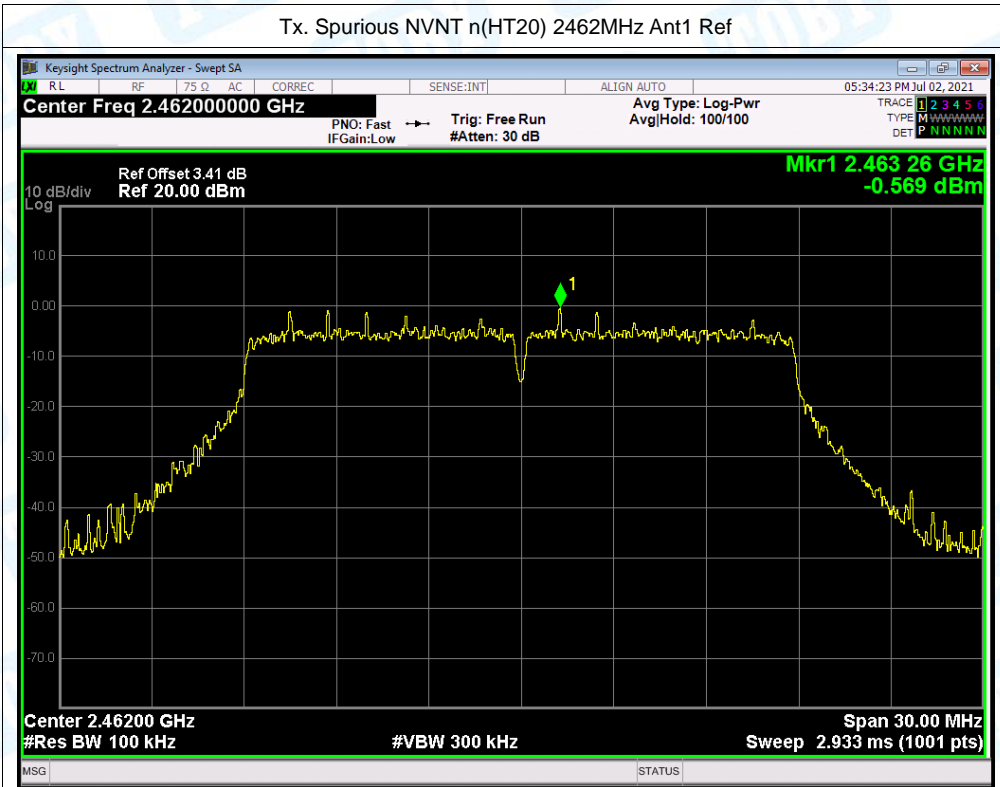


Tx. Spurious NVNT n(HT20) 2412MHz Ant1 Emission

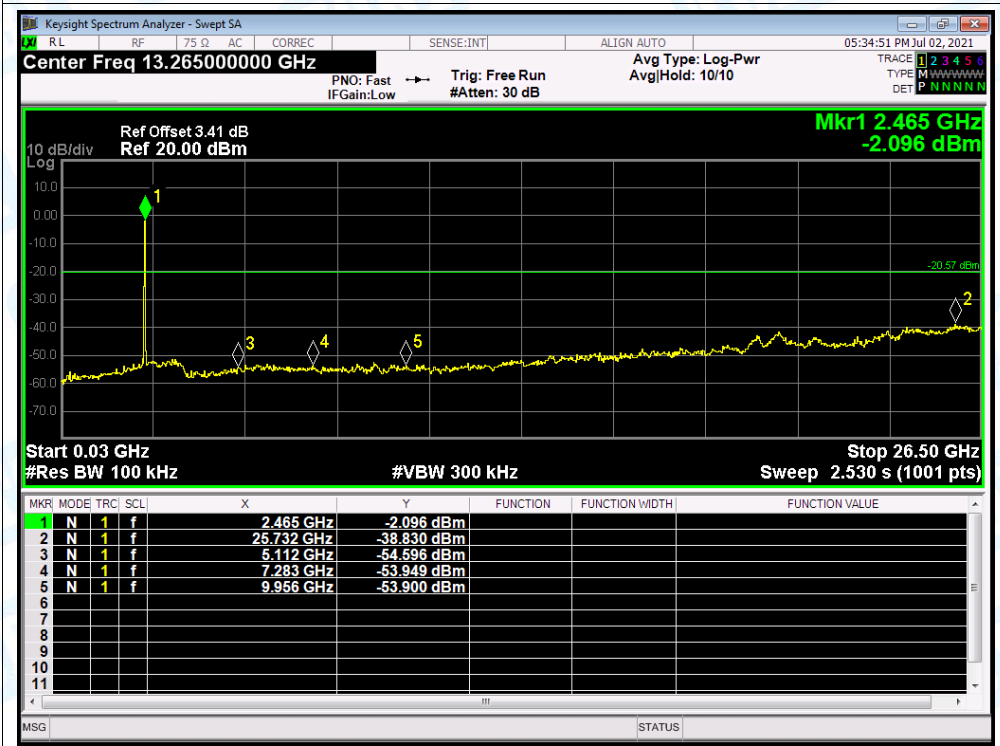




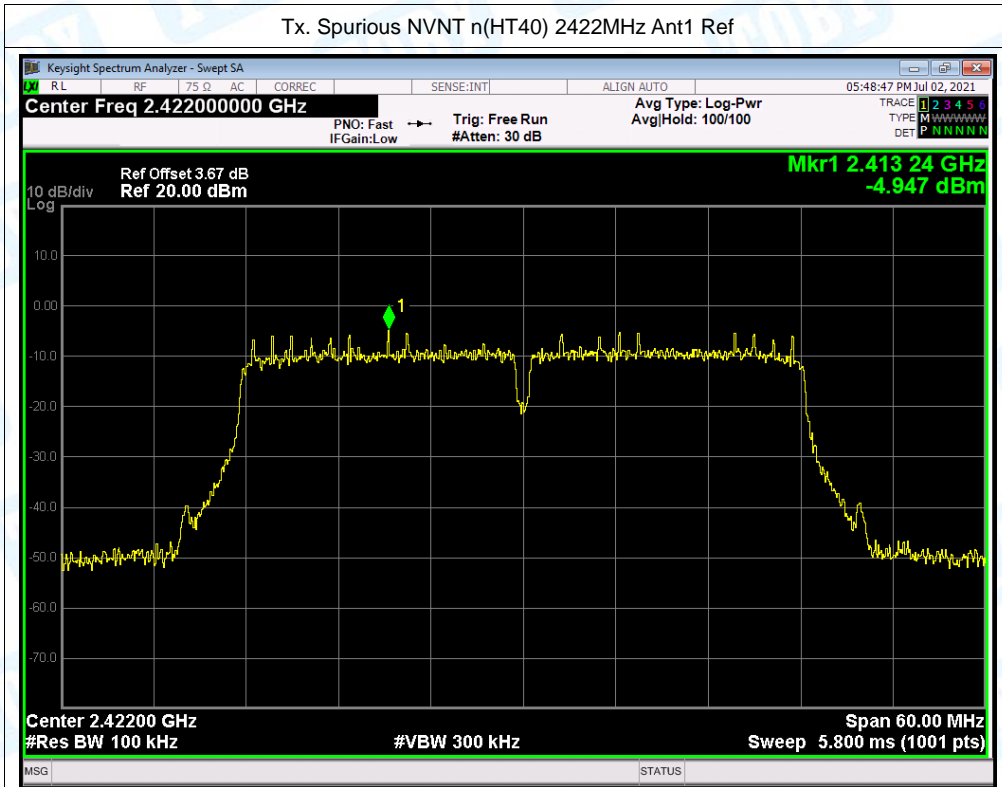
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Ref



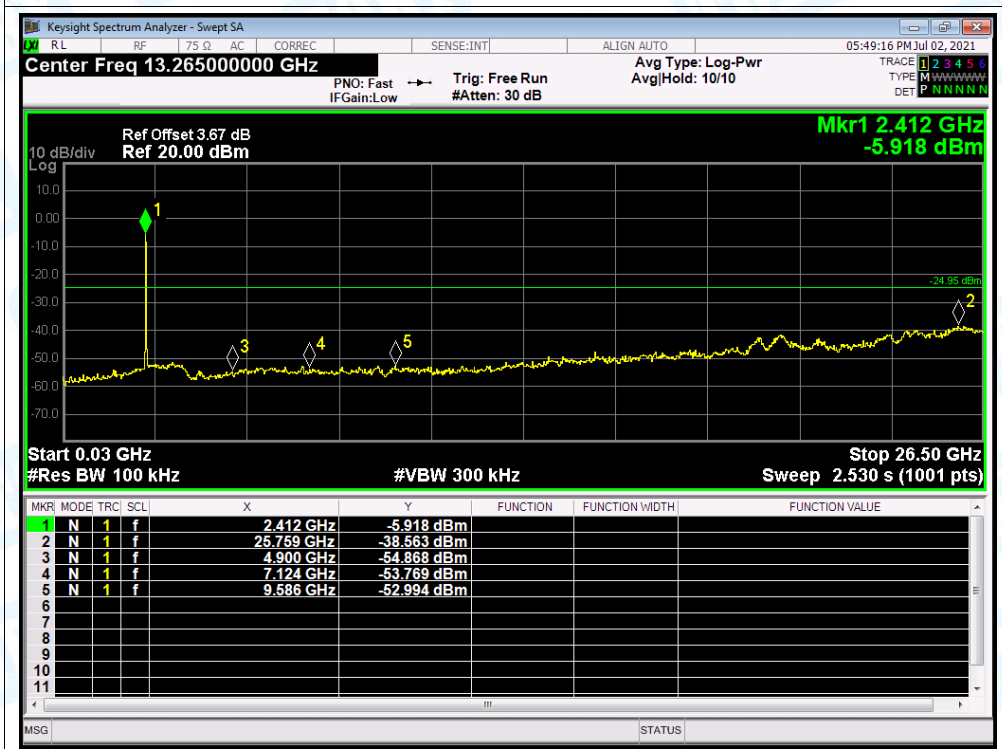
Tx. Spurious NVNT n(HT20) 2462MHz Ant1 Emission



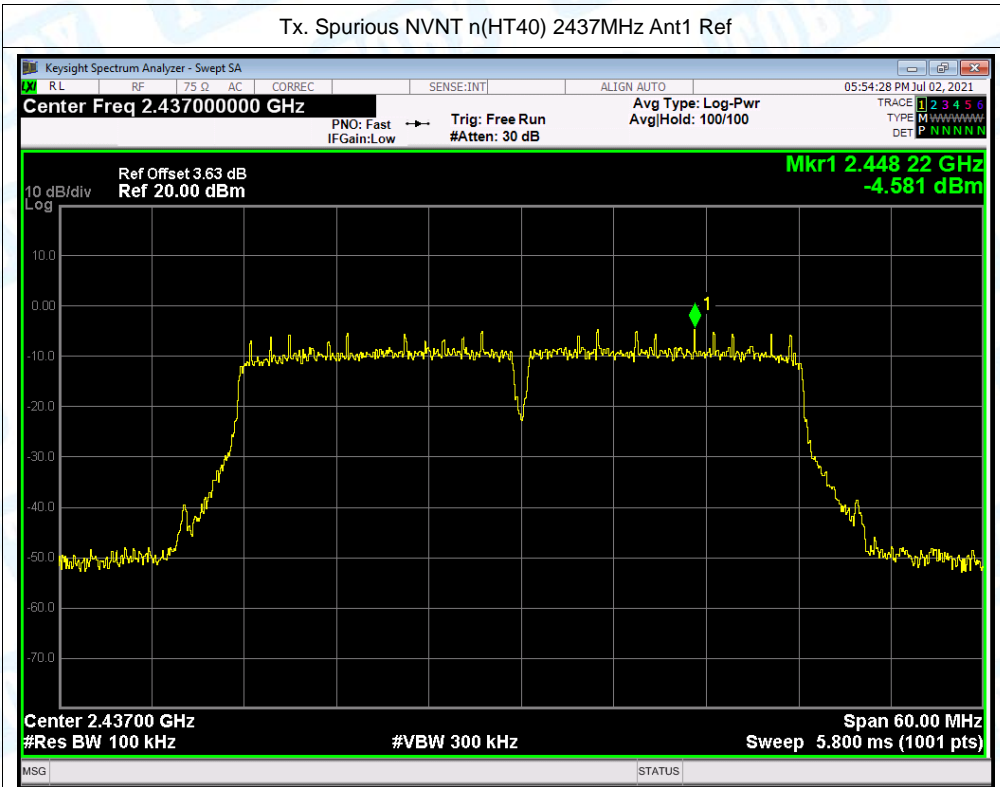
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Ref



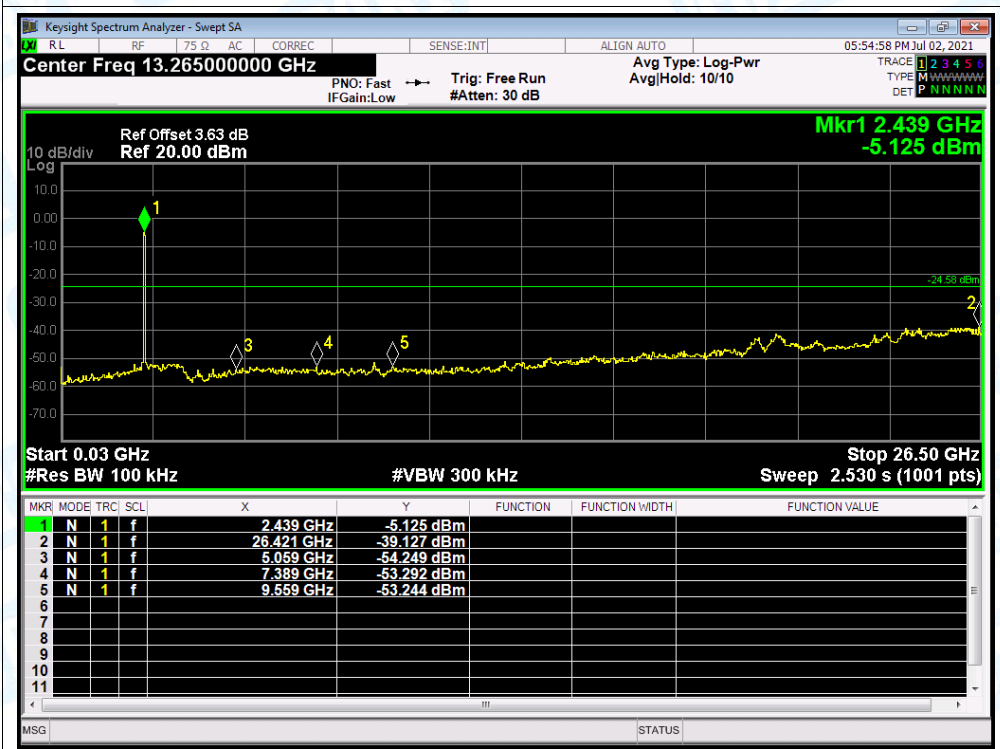
Tx. Spurious NVNT n(HT40) 2422MHz Ant1 Emission



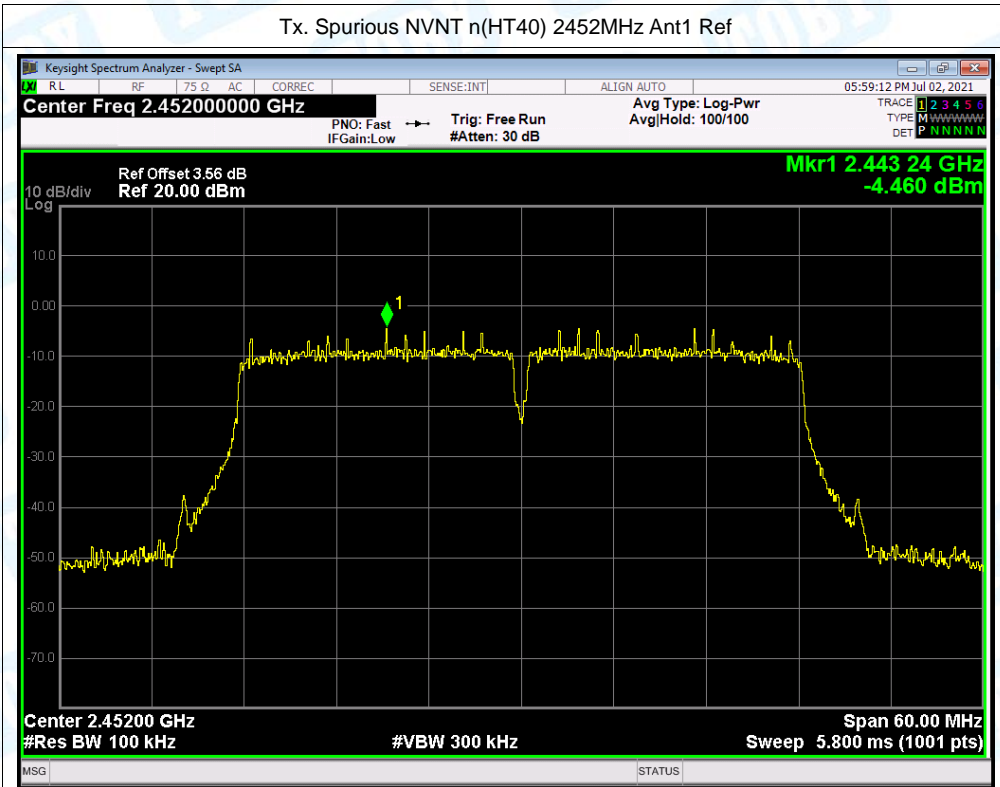
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Ref



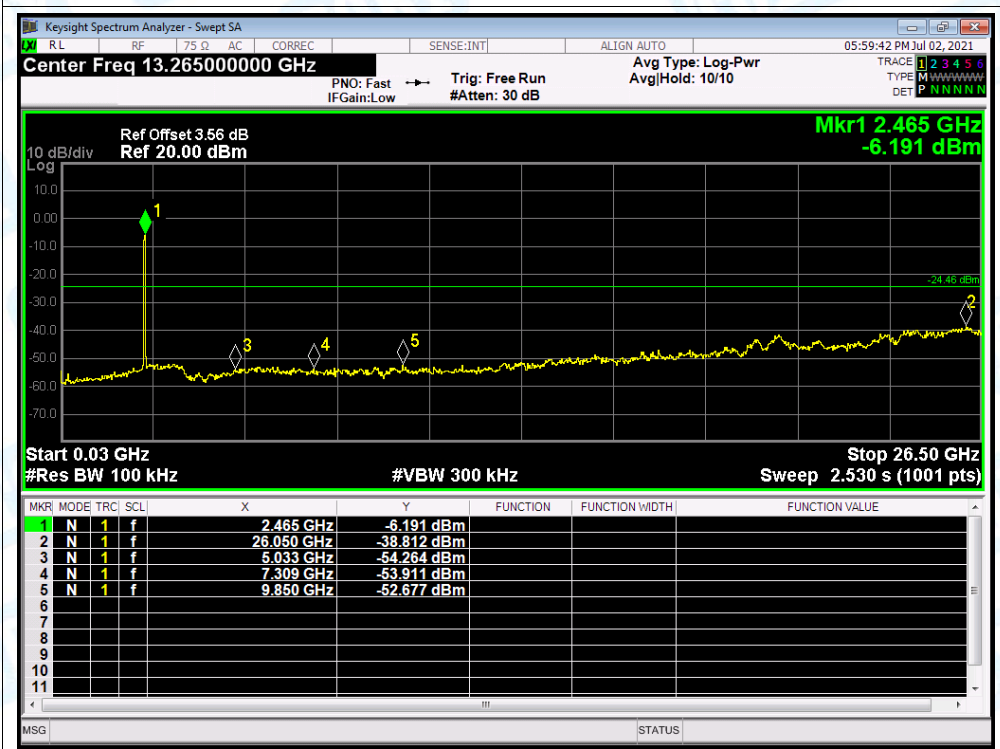
Tx. Spurious NVNT n(HT40) 2437MHz Ant1 Emission



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Ref



Tx. Spurious NVNT n(HT40) 2452MHz Ant1 Emission



7.Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	Ant1	2310	-41.89	2	55.37	Peak	74	Pass
NVNT	b	2412	Ant1	2310	-54	2	43.26	Average	54	Pass
NVNT	b	2412	Ant1	2333.634	-40.08	2	57.18	Peak	74	Pass
NVNT	b	2412	Ant1	2387.103	-52.35	2	44.91	Average	54	Pass
NVNT	b	2412	Ant1	2390	-42.06	2	55.2	Peak	74	Pass
NVNT	b	2412	Ant1	2390	-52.62	2	44.64	Average	54	Pass
NVNT	b	2462	Ant1	2483.5	-42.81	2	54.45	Peak	74	Pass
NVNT	b	2462	Ant1	2483.5	-52.32	2	44.94	Average	54	Pass
NVNT	b	2462	Ant1	2489.082	-39.72	2	57.54	Peak	74	Pass
NVNT	b	2462	Ant1	2486.644	-52.19	2	45.07	Average	54	Pass
NVNT	b	2462	Ant1	2500	-42.72	2	54.54	Peak	74	Pass
NVNT	b	2462	Ant1	2500	-53.17	2	44.09	Average	54	Pass
NVNT	g	2412	Ant1	2310	-44.52	2	52.74	Peak	74	Pass
NVNT	g	2412	Ant1	2310	-54.51	2	42.75	Average	54	Pass
NVNT	g	2412	Ant1	2389.794	-39.33	2	57.93	Peak	74	Pass
NVNT	g	2412	Ant1	2389.911	-51.7	2	45.56	Average	54	Pass
NVNT	g	2412	Ant1	2390	-40.09	2	57.17	Peak	74	Pass
NVNT	g	2412	Ant1	2390	-51.57	2	45.69	Average	54	Pass
NVNT	g	2462	Ant1	2483.5	-40.86	2	56.4	Peak	74	Pass
NVNT	g	2462	Ant1	2483.5	-51.08	2	46.18	Average	54	Pass
NVNT	g	2462	Ant1	2483.941	-38.73	2	58.53	Peak	74	Pass
NVNT	g	2462	Ant1	2483.517	-51.08	2	46.18	Average	54	Pass
NVNT	g	2462	Ant1	2500	-44.61	2	52.65	Peak	74	Pass
NVNT	g	2462	Ant1	2500	-53.43	2	43.83	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2310	-43.86	2	53.4	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2310	-54.62	2	42.64	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2389.794	-39.41	2	57.85	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2389.911	-51.45	2	45.81	Average	54	Pass
NVNT	n(HT20)	2412	Ant1	2390	-40.38	2	56.88	Peak	74	Pass
NVNT	n(HT20)	2412	Ant1	2390	-51.34	2	45.92	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-40.94	2	56.32	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.5	-51.1	2	46.16	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2483.994	-37.93	2	59.33	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2483.517	-51.1	2	46.16	Average	54	Pass
NVNT	n(HT20)	2462	Ant1	2500	-43.56	2	53.7	Peak	74	Pass
NVNT	n(HT20)	2462	Ant1	2500	-53.49	2	43.77	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2310	-45.05	2	52.21	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2310	-54.74	2	42.52	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2389.094	-37.04	2	60.22	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2389.946	-50.37	2	46.89	Average	54	Pass
NVNT	n(HT40)	2422	Ant1	2390	-40.74	2	56.52	Peak	74	Pass
NVNT	n(HT40)	2422	Ant1	2390	-50.34	2	46.92	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2483.5	-37.34	2	59.92	Peak	74	Pass

NVNT	n(HT40)	2452	Ant1	2483.5	-50.25	2	47.01	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2483.698	-37.02	2	60.24	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2483.542	-50.25	2	47.01	Average	54	Pass
NVNT	n(HT40)	2452	Ant1	2500	-42.04	2	55.22	Peak	74	Pass
NVNT	n(HT40)	2452	Ant1	2500	-52.91	2	44.35	Average	54	Pass

