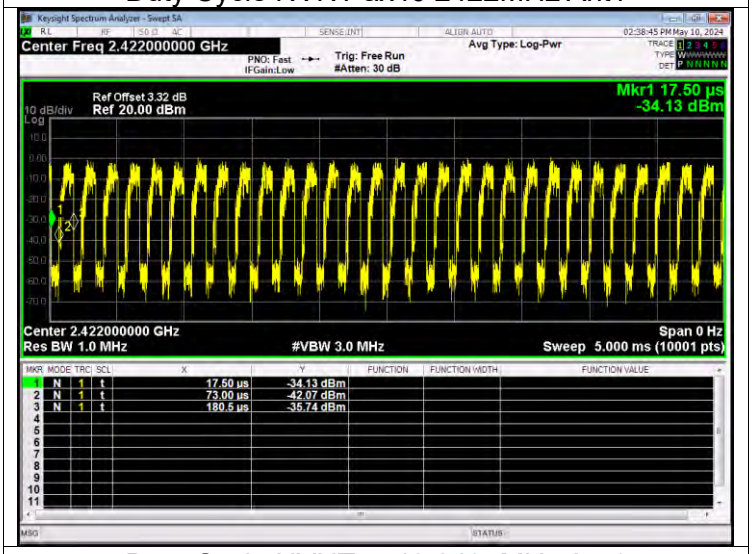
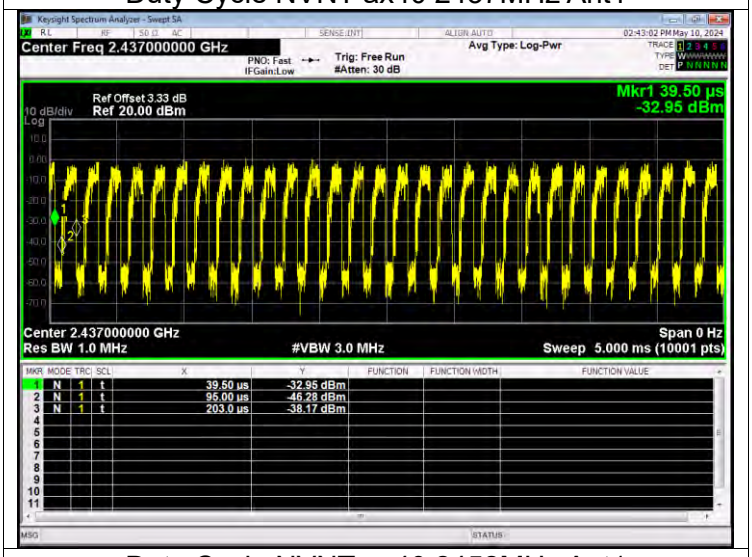
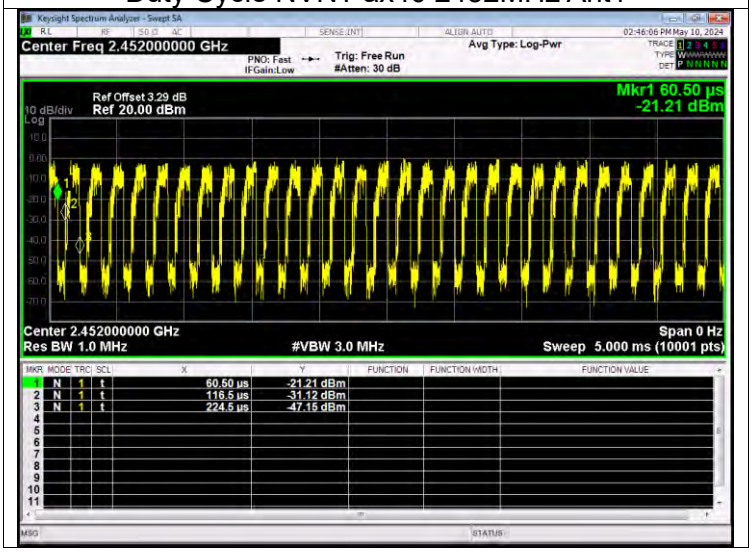
Duty Cycle NVNT ax40 2422MHz Ant1



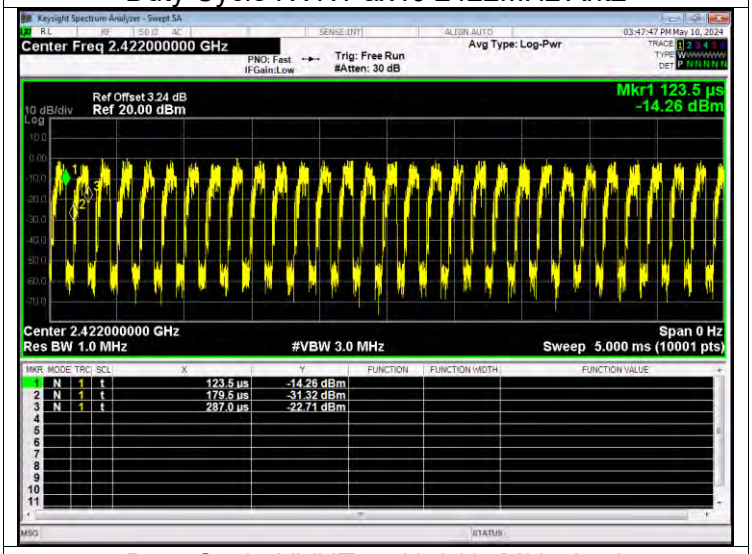
Duty Cycle NVNT ax40 2437MHz Ant1



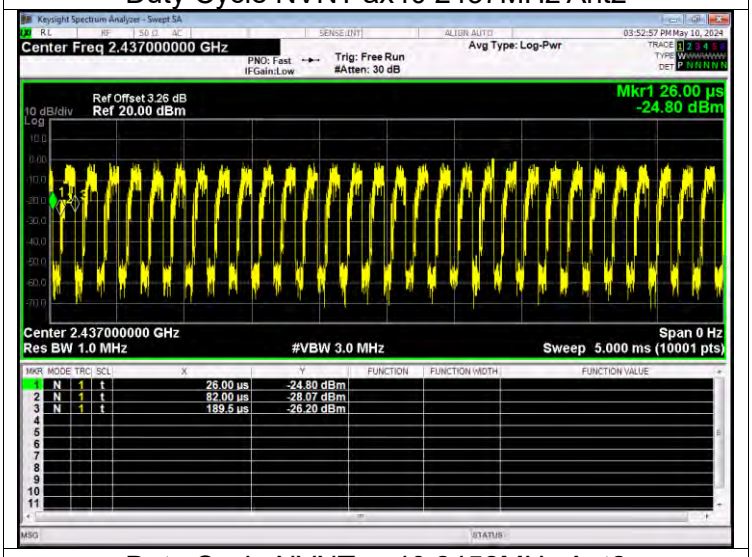
Duty Cycle NVNT ax40 2452MHz Ant1



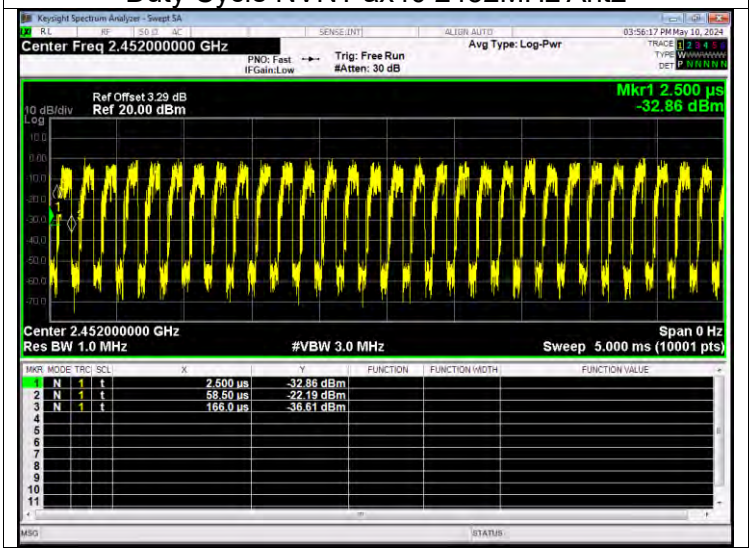
Duty Cycle NVNT ax40 2422MHz Ant2



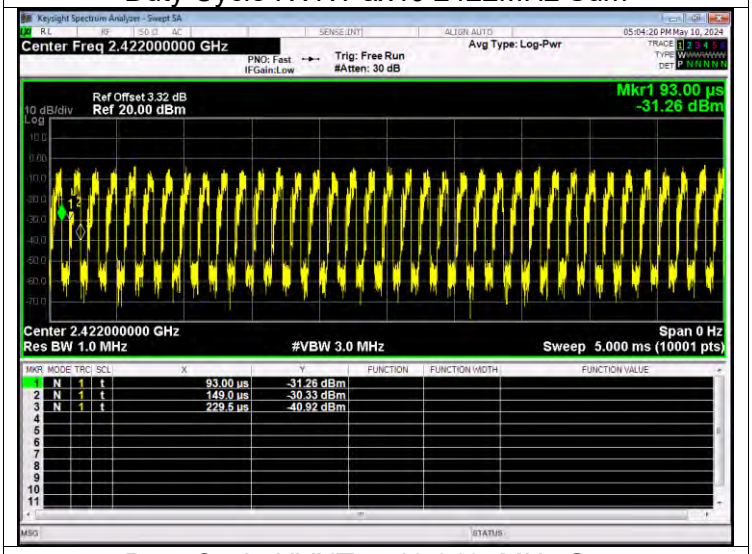
Duty Cycle NVNT ax40 2437MHz Ant2



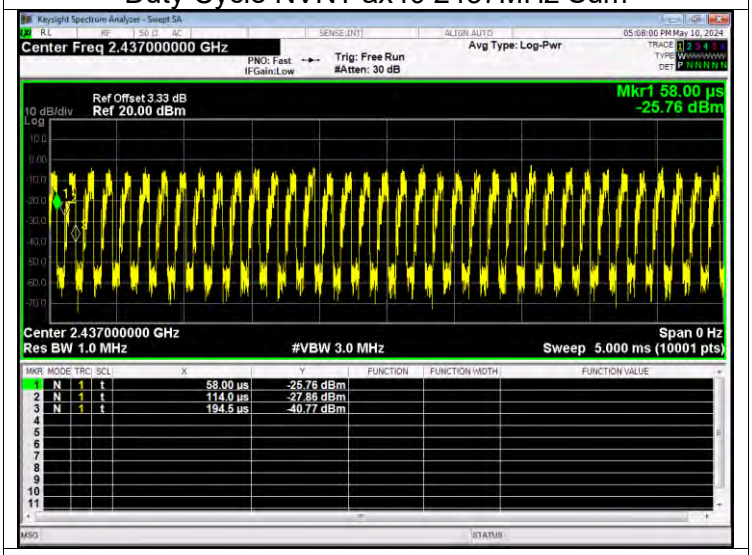
Duty Cycle NVNT ax40 2452MHz Ant2



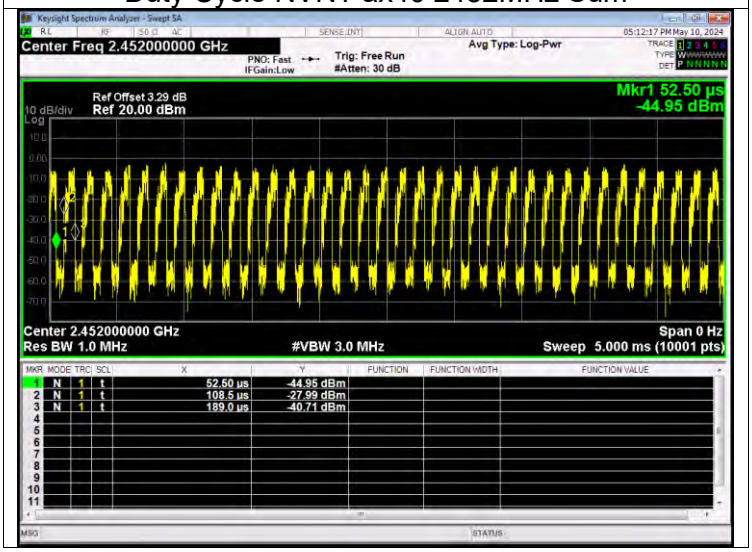
Duty Cycle NVNT ax40 2422MHz Sum



Duty Cycle NVNT ax40 2437MHz Sum



Duty Cycle NVNT ax40 2452MHz Sum



Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.68	30	Pass
NVNT	b	2437	Ant1	15.6	30	Pass
NVNT	b	2462	Ant1	15.58	30	Pass
NVNT	b	2412	Ant2	15.56	30	Pass
NVNT	b	2437	Ant2	15.64	30	Pass
NVNT	b	2462	Ant2	15.86	30	Pass
NVNT	g	2412	Ant1	14.13	30	Pass
NVNT	g	2437	Ant1	14.47	30	Pass
NVNT	g	2462	Ant1	14.48	30	Pass
NVNT	g	2412	Ant2	13.6	30	Pass
NVNT	g	2437	Ant2	14.1	30	Pass
NVNT	g	2462	Ant2	14.48	30	Pass
NVNT	n20	2412	Ant1	13.47	30	Pass
NVNT	n20	2437	Ant1	13.65	30	Pass
NVNT	n20	2462	Ant1	13.87	30	Pass
NVNT	n20	2412	Ant2	11.49	30	Pass
NVNT	n20	2437	Ant2	11.75	30	Pass
NVNT	n20	2462	Ant2	12	30	Pass
NVNT	n20	2412	Ant1	13.49	30	Pass
NVNT	n20	2412	Ant2	13.59	30	Pass
NVNT	n20	2412	Sum	16.55	30	Pass
NVNT	n20	2437	Ant1	13.82	30	Pass
NVNT	n20	2437	Ant2	14.09	30	Pass
NVNT	n20	2437	Sum	16.97	30	Pass
NVNT	n20	2462	Ant1	13.99	30	Pass
NVNT	n20	2462	Ant2	14.37	30	Pass
NVNT	n20	2462	Sum	17.19	30	Pass
NVNT	n40	2422	Ant1	11.49	30	Pass
NVNT	n40	2437	Ant1	11.3	30	Pass
NVNT	n40	2452	Ant1	11.4	30	Pass
NVNT	n40	2422	Ant2	11.39	30	Pass
NVNT	n40	2437	Ant2	11.37	30	Pass
NVNT	n40	2452	Ant2	11.31	30	Pass
NVNT	n40	2422	Ant1	13.32	30	Pass
NVNT	n40	2422	Ant2	13.57	30	Pass
NVNT	n40	2422	Sum	16.46	30	Pass
NVNT	n40	2437	Ant1	13.51	30	Pass
NVNT	n40	2437	Ant2	13.66	30	Pass
NVNT	n40	2437	Sum	16.6	30	Pass
NVNT	n40	2452	Ant1	13.57	30	Pass
NVNT	n40	2452	Ant2	13.85	30	Pass
NVNT	n40	2452	Sum	16.72	30	Pass
NVNT	ax20	2412	Ant1	11.82	30	Pass
NVNT	ax20	2437	Ant1	11.72	30	Pass
NVNT	ax20	2462	Ant1	11.51	30	Pass
NVNT	ax20	2412	Ant2	11.13	30	Pass
NVNT	ax20	2437	Ant2	11.58	30	Pass
NVNT	ax20	2462	Ant2	11.99	30	Pass
NVNT	ax20	2412	Ant1	9.92	30	Pass
NVNT	ax20	2412	Ant2	10.14	30	Pass
NVNT	ax20	2412	Sum	13.04	30	Pass
NVNT	ax20	2437	Ant1	10.74	30	Pass

NVNT	ax20	2437	Ant2	10.43	30	Pass
NVNT	ax20	2437	Sum	13.6	30	Pass
NVNT	ax20	2462	Ant1	11.68	30	Pass
NVNT	ax20	2462	Ant2	10.92	30	Pass
NVNT	ax20	2462	Sum	14.33	30	Pass
NVNT	ax40	2422	Ant1	11.29	30	Pass
NVNT	ax40	2437	Ant1	11.44	30	Pass
NVNT	ax40	2452	Ant1	11	30	Pass
NVNT	ax40	2422	Ant2	11.02	30	Pass
NVNT	ax40	2437	Ant2	11.08	30	Pass
NVNT	ax40	2452	Ant2	11.57	30	Pass
NVNT	ax40	2422	Ant1	9.54	30	Pass
NVNT	ax40	2422	Ant2	9.76	30	Pass
NVNT	ax40	2422	Sum	12.66	30	Pass
NVNT	ax40	2437	Ant1	10.08	30	Pass
NVNT	ax40	2437	Ant2	9.99	30	Pass
NVNT	ax40	2437	Sum	13.05	30	Pass
NVNT	ax40	2452	Ant1	10.53	30	Pass
NVNT	ax40	2452	Ant2	10.25	30	Pass
NVNT	ax40	2452	Sum	13.4	30	Pass

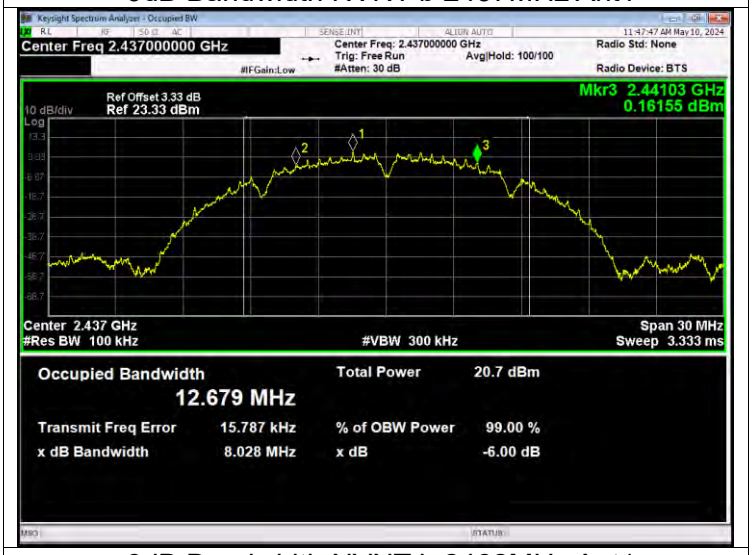
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.066	0.5	Pass
NVNT	b	2437	Ant1	8.028	0.5	Pass
NVNT	b	2462	Ant1	7.994	0.5	Pass
NVNT	b	2412	Ant2	7.559	0.5	Pass
NVNT	b	2437	Ant2	7.883	0.5	Pass
NVNT	b	2462	Ant2	7.661	0.5	Pass
NVNT	g	2412	Ant1	16.307	0.5	Pass
NVNT	g	2437	Ant1	16.047	0.5	Pass
NVNT	g	2462	Ant1	16.271	0.5	Pass
NVNT	g	2412	Ant2	15.701	0.5	Pass
NVNT	g	2437	Ant2	16.318	0.5	Pass
NVNT	g	2462	Ant2	15.657	0.5	Pass
NVNT	n20	2412	Ant1	16.896	0.5	Pass
NVNT	n20	2437	Ant1	17.023	0.5	Pass
NVNT	n20	2462	Ant1	16.544	0.5	Pass
NVNT	n20	2412	Ant2	17.556	0.5	Pass
NVNT	n20	2437	Ant2	17.553	0.5	Pass
NVNT	n20	2462	Ant2	16.522	0.5	Pass
NVNT	n40	2422	Ant1	35.116	0.5	Pass
NVNT	n40	2437	Ant1	35.4	0.5	Pass
NVNT	n40	2452	Ant1	35.118	0.5	Pass
NVNT	n40	2422	Ant2	35.115	0.5	Pass
NVNT	n40	2437	Ant2	35.129	0.5	Pass
NVNT	n40	2452	Ant2	35.128	0.5	Pass
NVNT	ax20	2412	Ant1	18.736	0.5	Pass
NVNT	ax20	2437	Ant1	18.928	0.5	Pass
NVNT	ax20	2462	Ant1	18.642	0.5	Pass
NVNT	ax20	2412	Ant2	18.527	0.5	Pass
NVNT	ax20	2437	Ant2	18.952	0.5	Pass
NVNT	ax20	2462	Ant2	18.788	0.5	Pass
NVNT	ax40	2422	Ant1	37.04	0.5	Pass
NVNT	ax40	2437	Ant1	37.16	0.5	Pass
NVNT	ax40	2452	Ant1	35.083	0.5	Pass
NVNT	ax40	2422	Ant2	35.319	0.5	Pass
NVNT	ax40	2437	Ant2	37.091	0.5	Pass
NVNT	ax40	2452	Ant2	35.82	0.5	Pass

Test Graphs

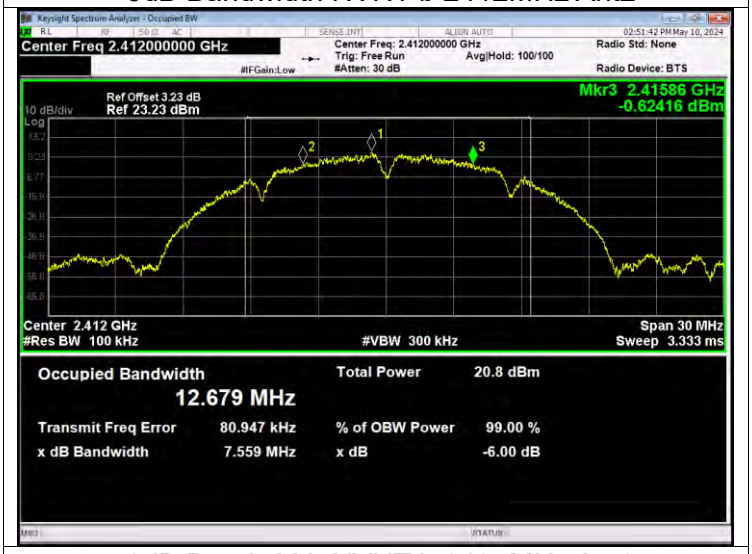
-6dB Bandwidth NVNT b 2412MHz Ant1

-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1

-6dB Bandwidth NVNT b 2412MHz Ant2

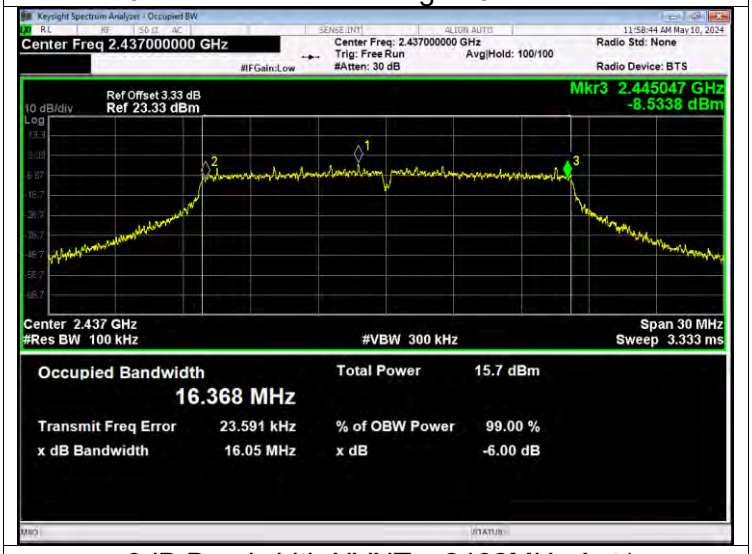


-6dB Bandwidth NVNT b 2437MHz Ant2

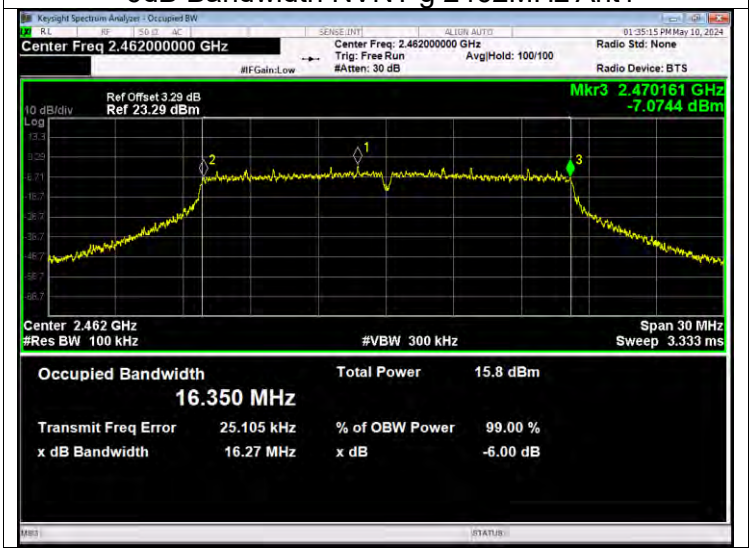
-6dB Bandwidth NVNT b 2462MHz Ant2

-6dB Bandwidth NVNT g 2412MHz Ant1

-6dB Bandwidth NVNT g 2437MHz Ant1

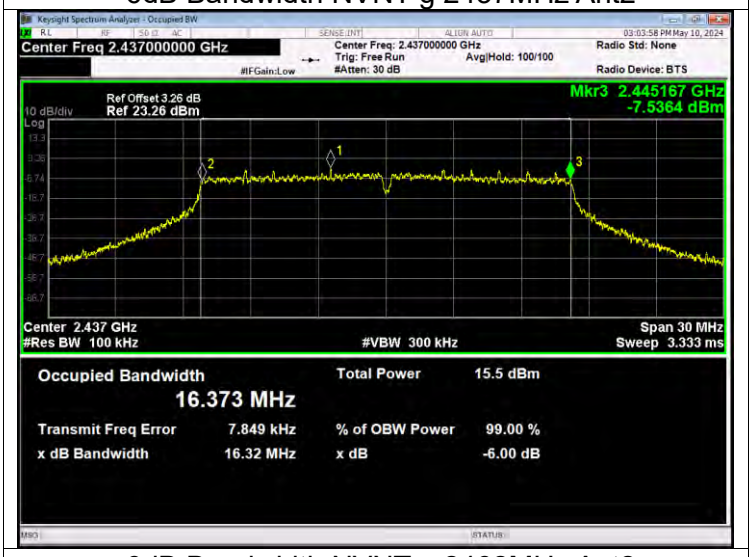


-6dB Bandwidth NVNT g 2462MHz Ant1



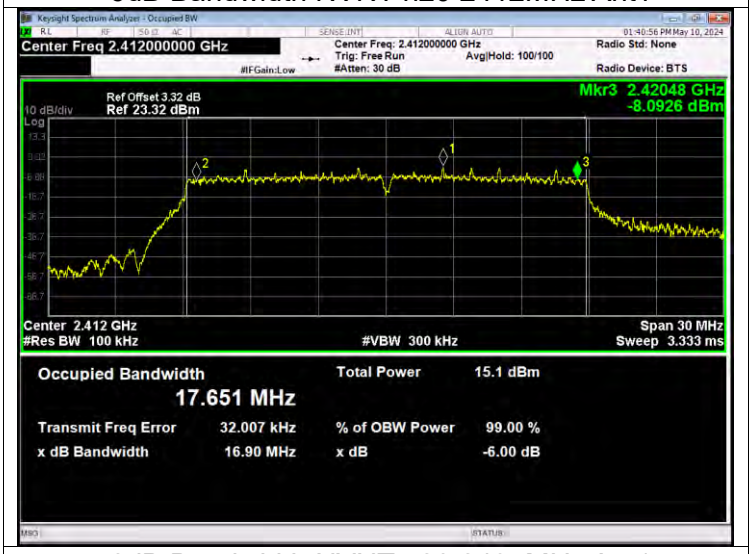
-6dB Bandwidth NVNT g 2412MHz Ant2

-6dB Bandwidth NVNT g 2437MHz Ant2

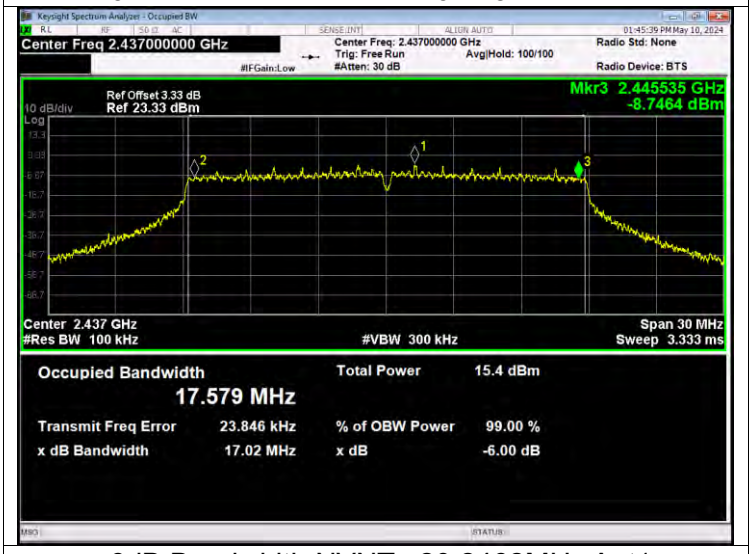


-6dB Bandwidth NVNT g 2462MHz Ant2

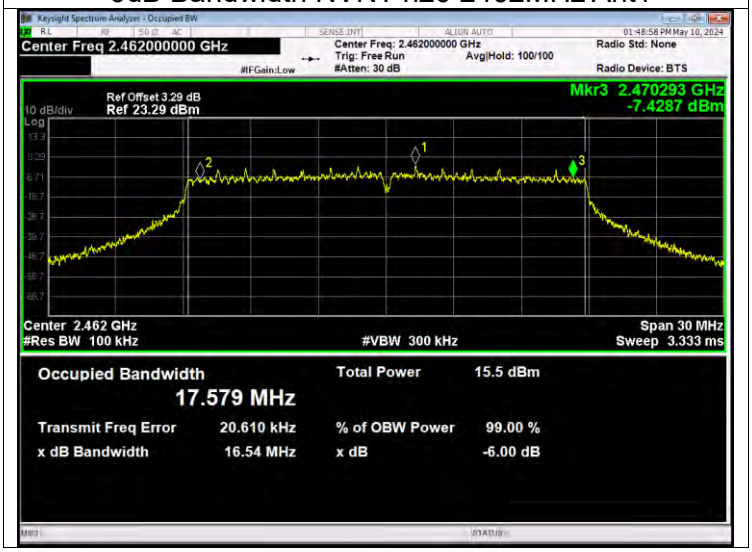
-6dB Bandwidth NVNT n20 2412MHz Ant1



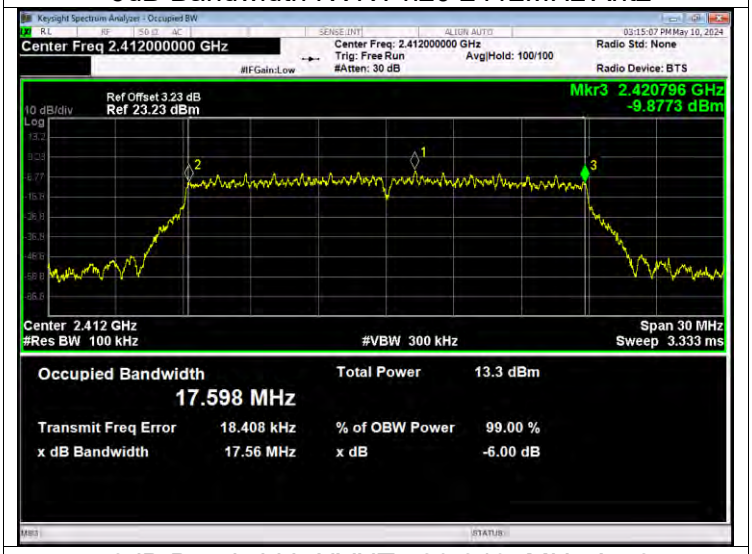
-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1

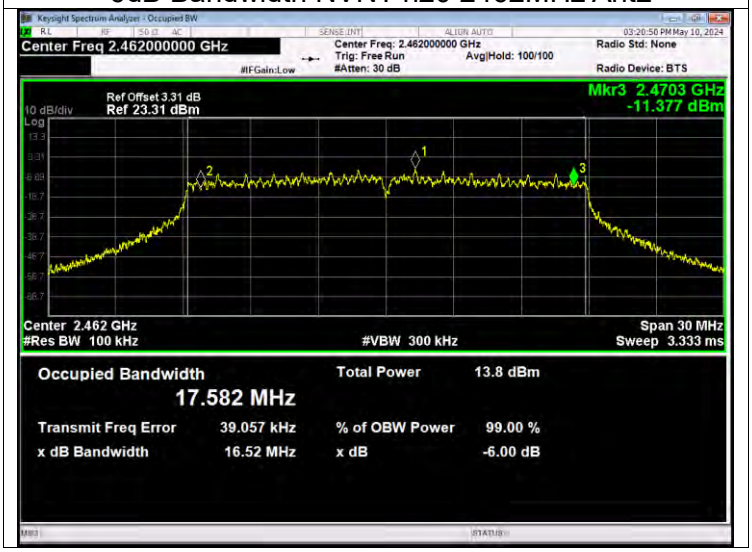


-6dB Bandwidth NVNT n20 2412MHz Ant2

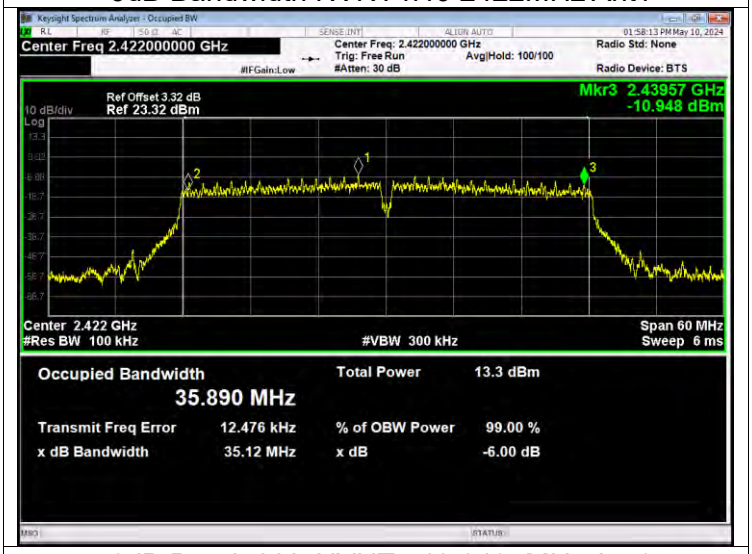


-6dB Bandwidth NVNT n20 2437MHz Ant2

-6dB Bandwidth NVNT n20 2462MHz Ant2

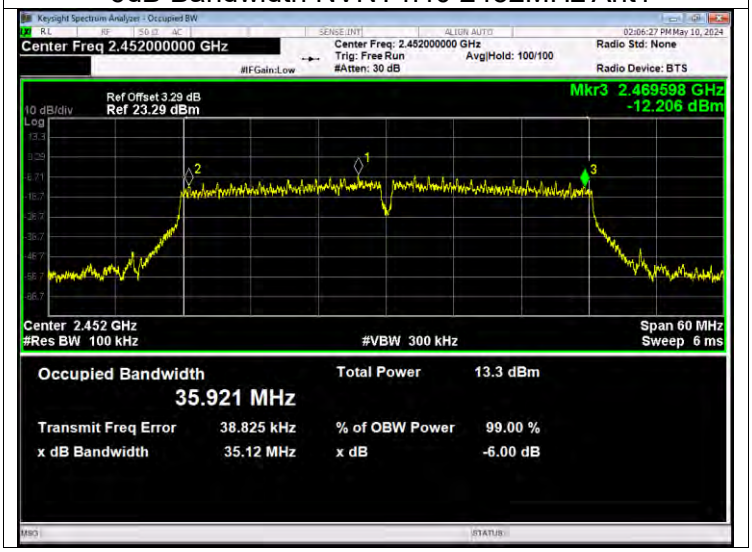


-6dB Bandwidth NVNT n40 2422MHz Ant1

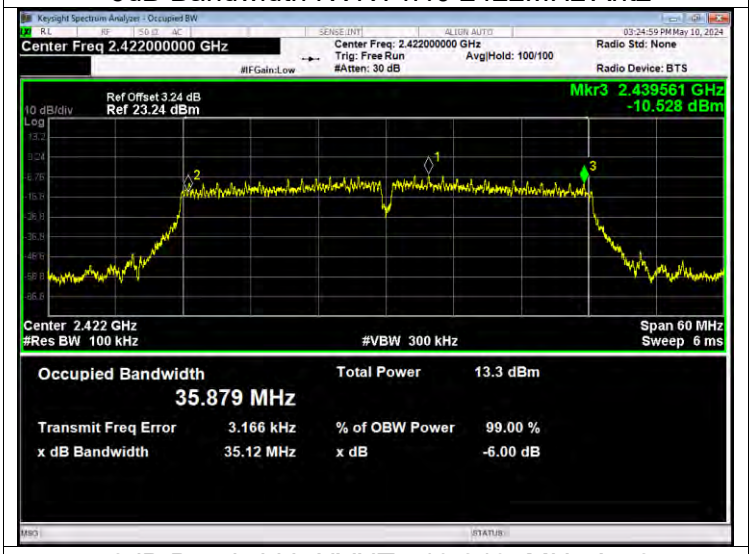


-6dB Bandwidth NVNT n40 2437MHz Ant1

-6dB Bandwidth NVNT n40 2452MHz Ant1

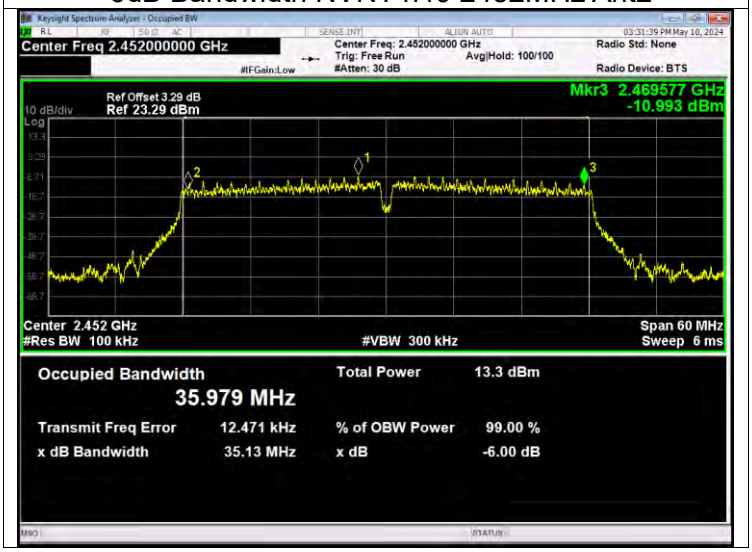


-6dB Bandwidth NVNT n40 2422MHz Ant2

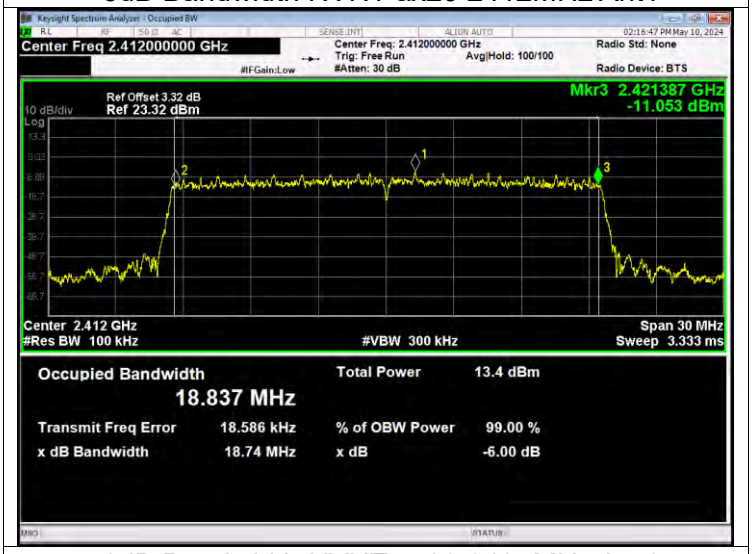


-6dB Bandwidth NVNT n40 2437MHz Ant2

-6dB Bandwidth NVNT n40 2452MHz Ant2



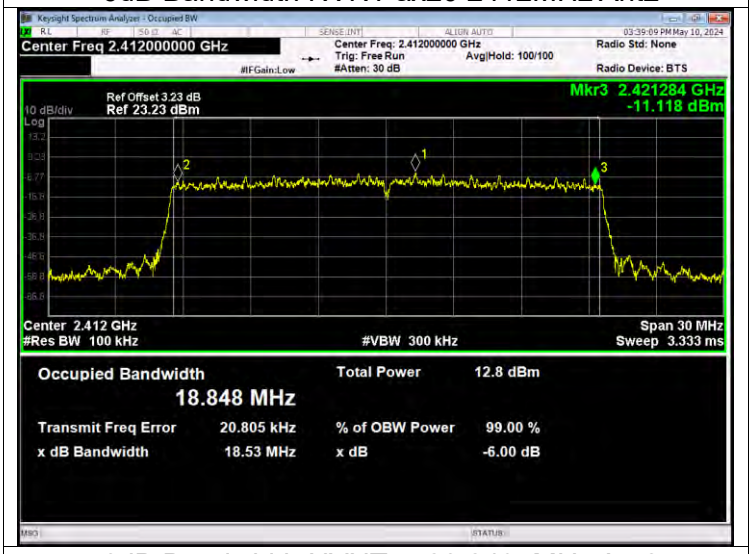
-6dB Bandwidth NVNT ax20 2412MHz Ant1



-6dB Bandwidth NVNT ax20 2437MHz Ant1

-6dB Bandwidth NVNT ax20 2462MHz Ant1

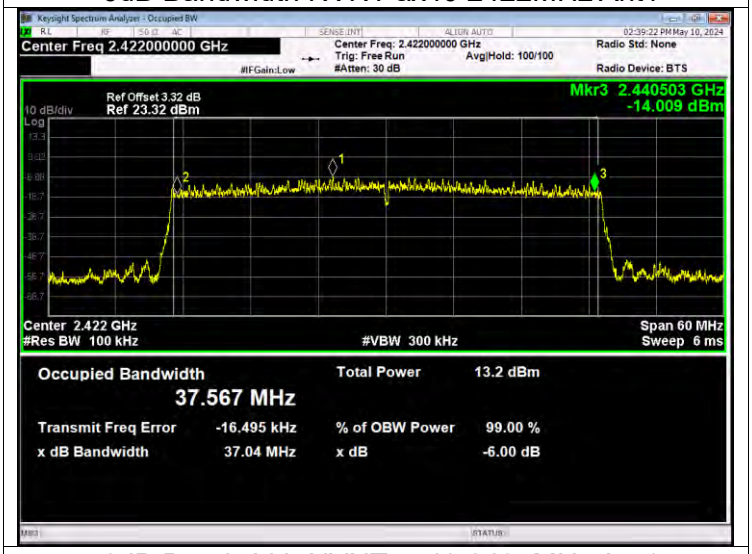
-6dB Bandwidth NVNT ax20 2412MHz Ant2



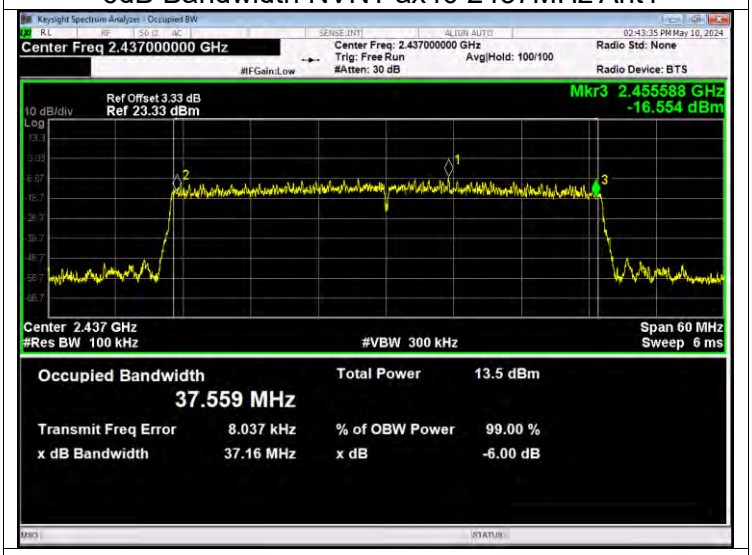
-6dB Bandwidth NVNT ax20 2437MHz Ant2

-6dB Bandwidth NVNT ax20 2462MHz Ant2

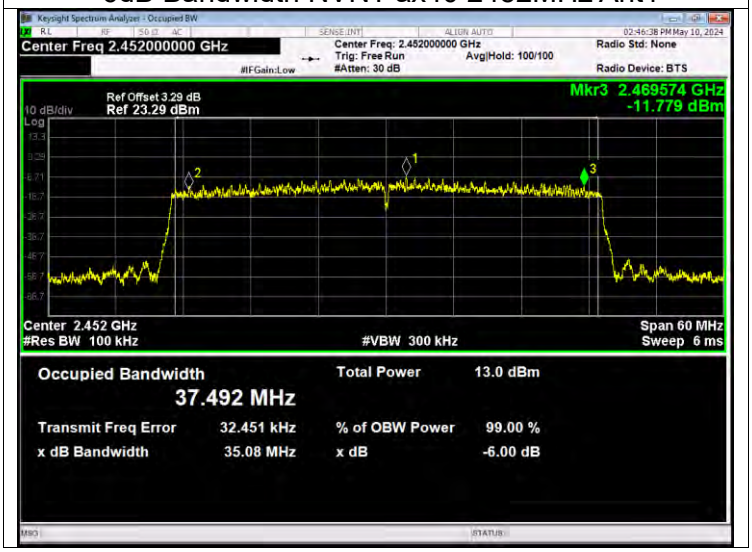
-6dB Bandwidth NVNT ax40 2422MHz Ant1



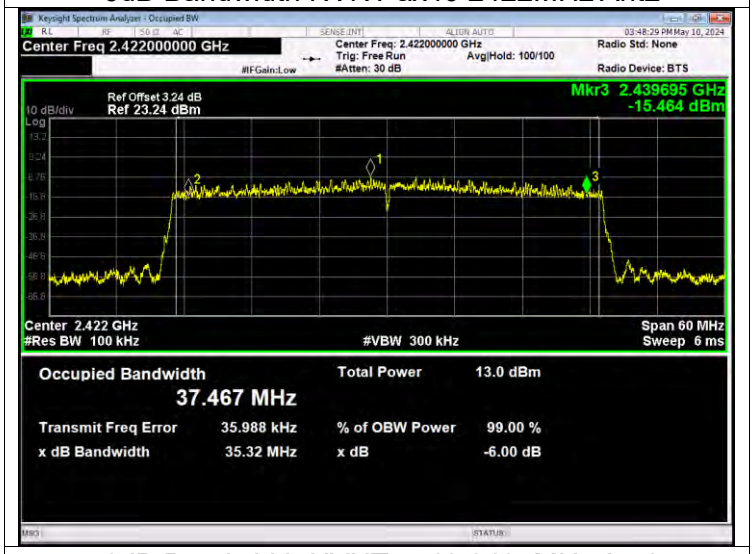
-6dB Bandwidth NVNT ax40 2437MHz Ant1



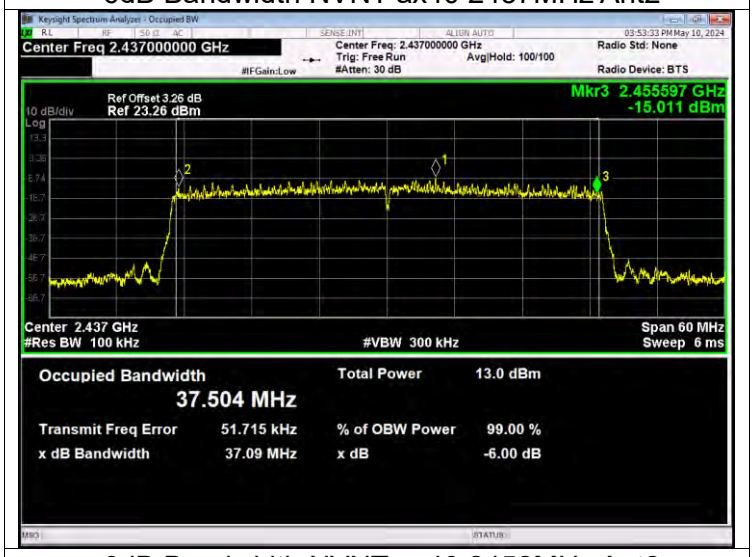
-6dB Bandwidth NVNT ax40 2452MHz Ant1



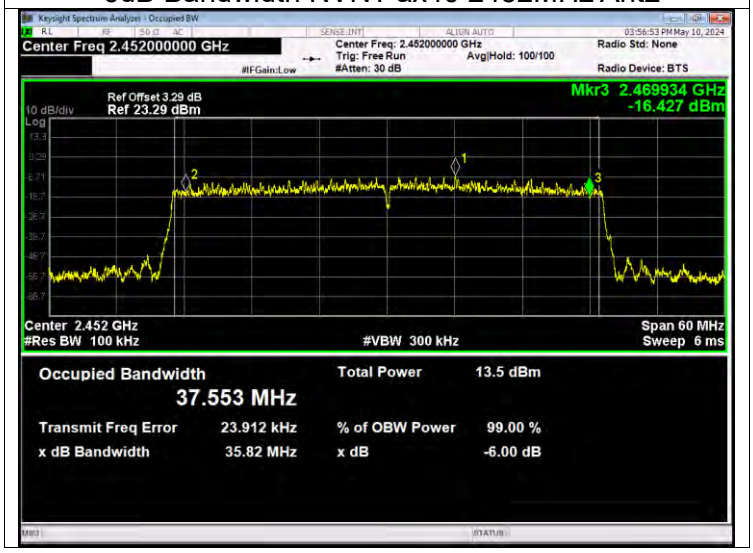
-6dB Bandwidth NVNT ax40 2422MHz Ant2



-6dB Bandwidth NVNT ax40 2437MHz Ant2



-6dB Bandwidth NVNT ax40 2452MHz Ant2

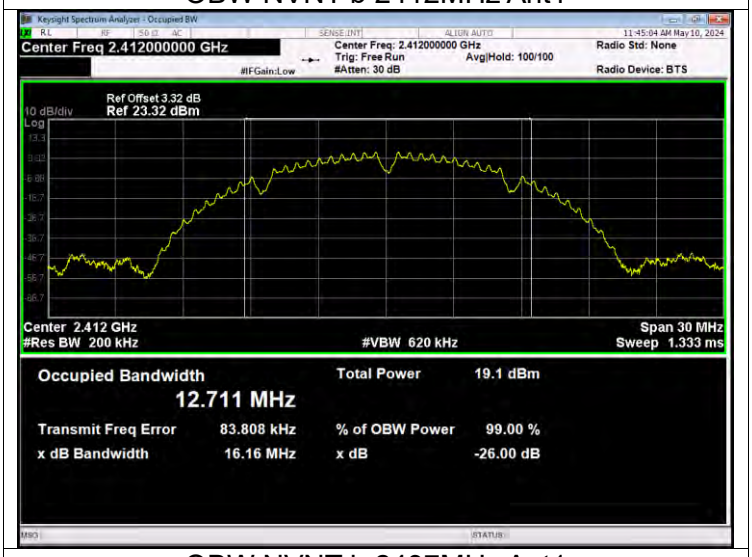


Occupied Channel Bandwidth

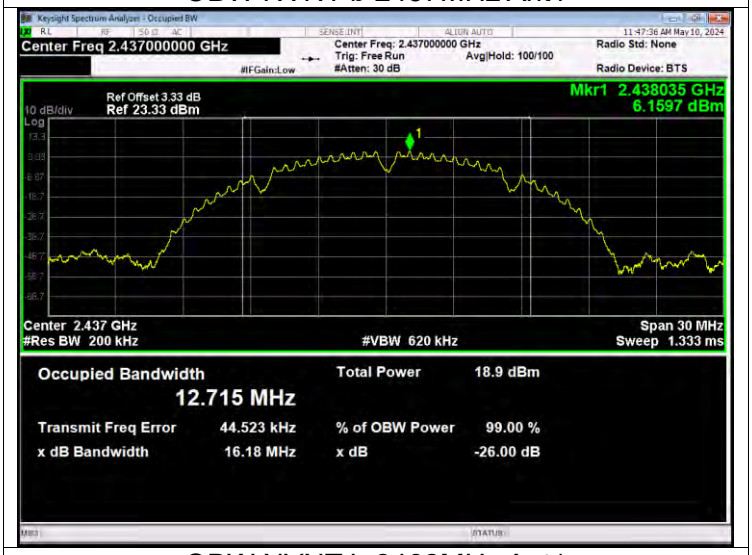
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.711
NVNT	b	2437	Ant1	12.715
NVNT	b	2462	Ant1	12.687
NVNT	b	2412	Ant2	12.677
NVNT	b	2437	Ant2	12.718
NVNT	b	2462	Ant2	12.618
NVNT	g	2412	Ant1	16.621
NVNT	g	2437	Ant1	16.46
NVNT	g	2462	Ant1	16.411
NVNT	g	2412	Ant2	16.584
NVNT	g	2437	Ant2	16.447
NVNT	g	2462	Ant2	16.4
NVNT	n20	2412	Ant1	17.708
NVNT	n20	2437	Ant1	17.635
NVNT	n20	2462	Ant1	17.603
NVNT	n20	2412	Ant2	17.607
NVNT	n20	2437	Ant2	17.604
NVNT	n20	2462	Ant2	17.603
NVNT	n40	2422	Ant1	36.017
NVNT	n40	2437	Ant1	36.165
NVNT	n40	2452	Ant1	36.055
NVNT	n40	2422	Ant2	36.001
NVNT	n40	2437	Ant2	36.111
NVNT	n40	2452	Ant2	36.174
NVNT	ax20	2412	Ant1	18.846
NVNT	ax20	2437	Ant1	18.887
NVNT	ax20	2462	Ant1	18.878
NVNT	ax20	2412	Ant2	18.839
NVNT	ax20	2437	Ant2	18.896
NVNT	ax20	2462	Ant2	18.902
NVNT	ax40	2422	Ant1	37.564
NVNT	ax40	2437	Ant1	37.606
NVNT	ax40	2452	Ant1	37.573
NVNT	ax40	2422	Ant2	37.544
NVNT	ax40	2437	Ant2	37.539
NVNT	ax40	2452	Ant2	37.61

Test Graphs

OBW NVNT b 2412MHz Ant1

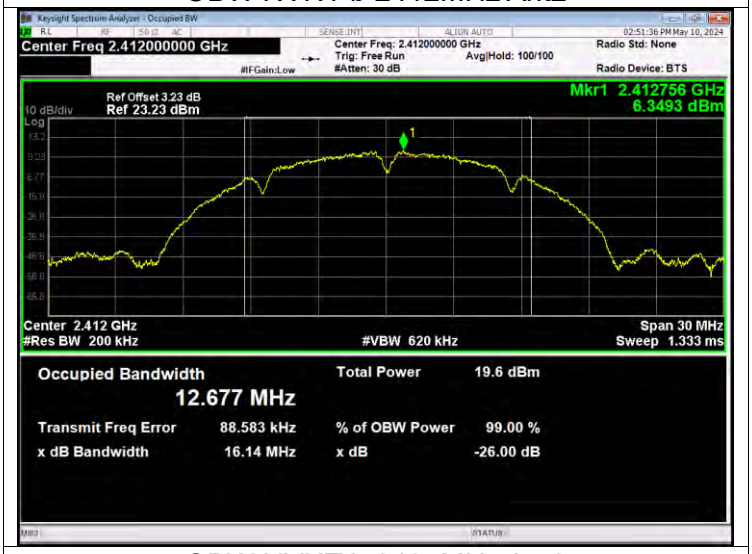


OBW NVNT b 2437MHz Ant1

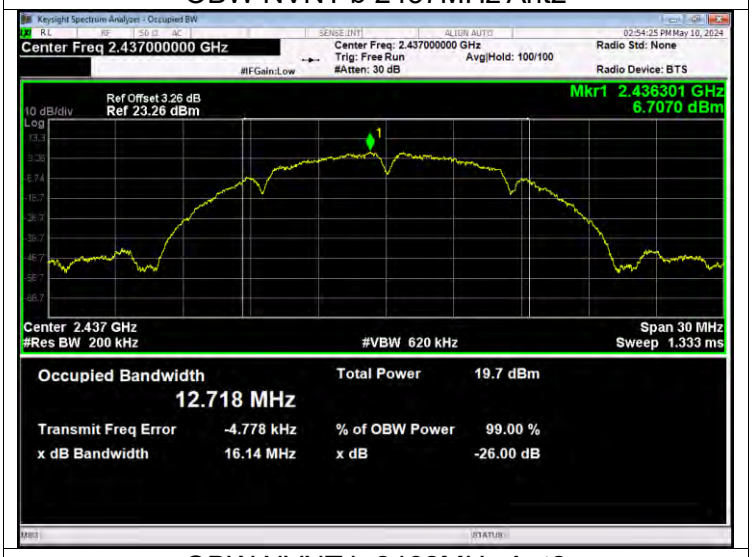


OBW NVNT b 2462MHz Ant1

OBW NVNT b 2412MHz Ant2

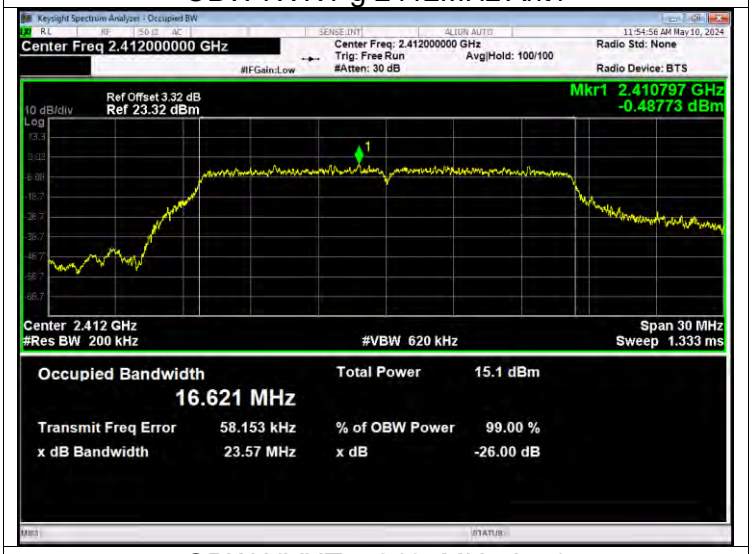


OBW NVNT b 2437MHz Ant2

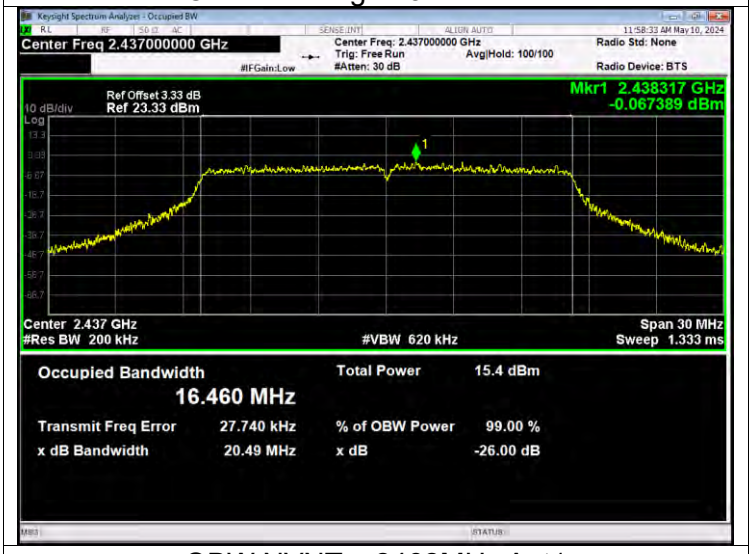


OBW NVNT b 2462MHz Ant2

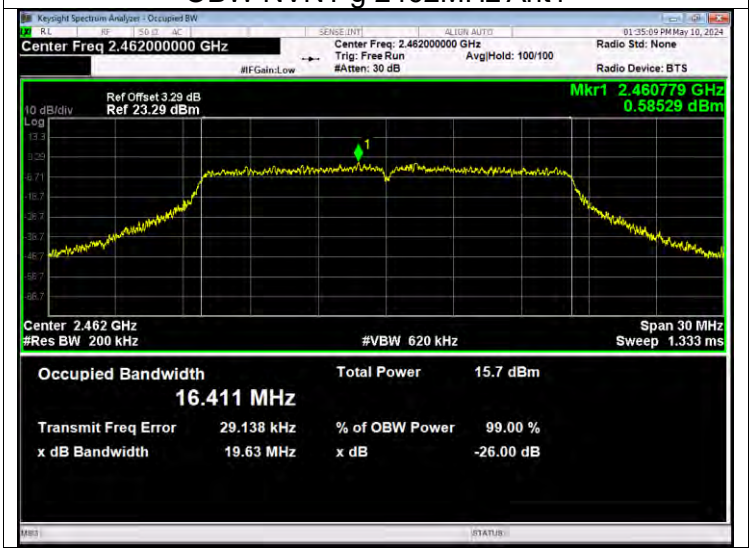
OBW NVNT g 2412MHz Ant1



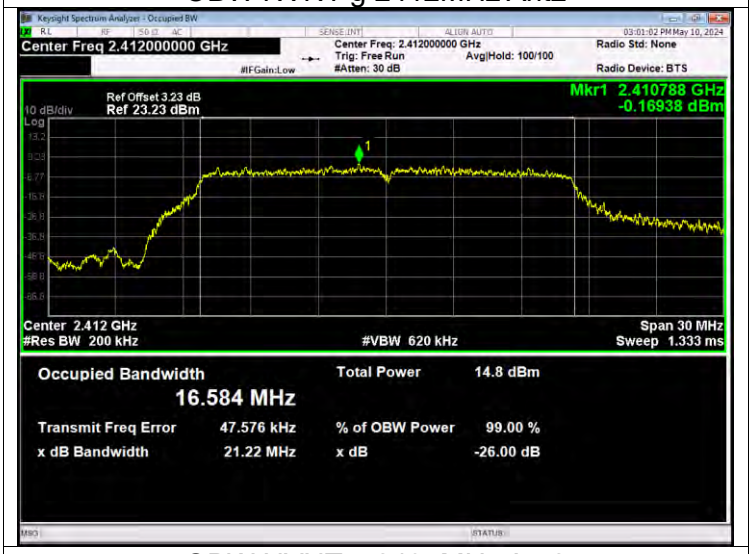
OBW NVNT g 2437MHz Ant1



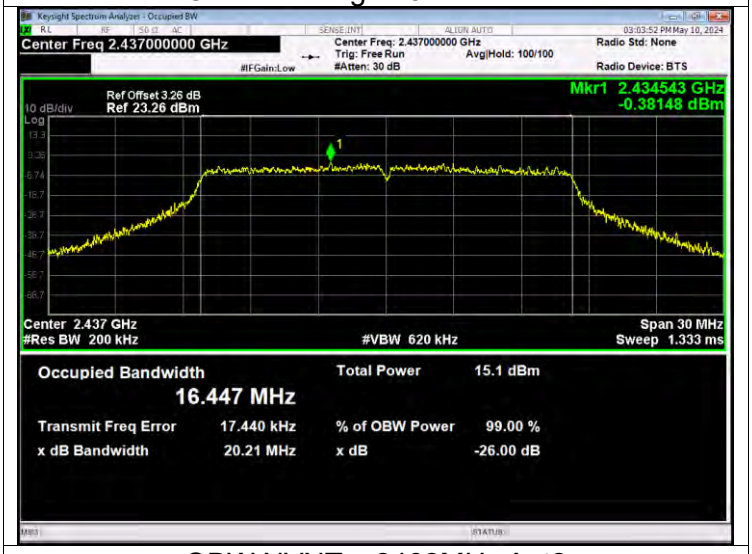
OBW NVNT g 2462MHz Ant1



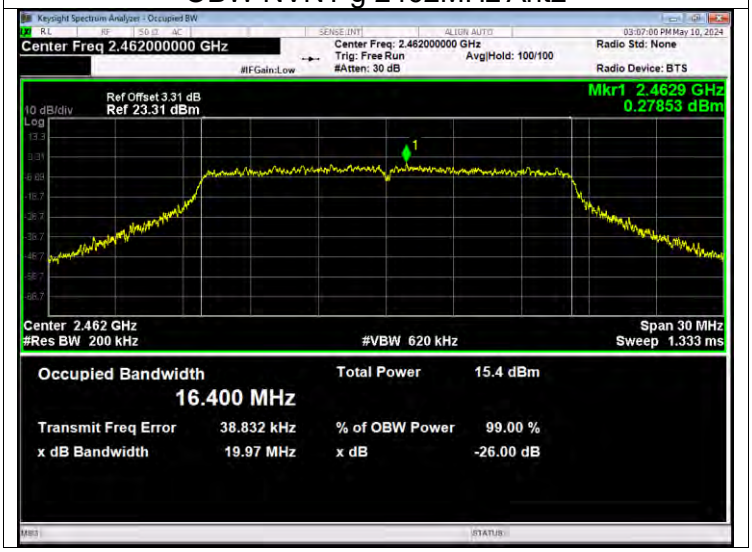
OBW NVNT g 2412MHz Ant2



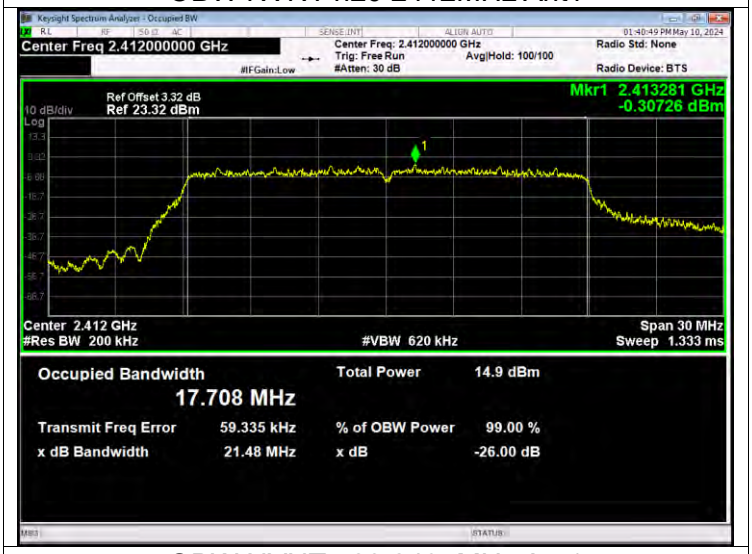
OBW NVNT g 2437MHz Ant2



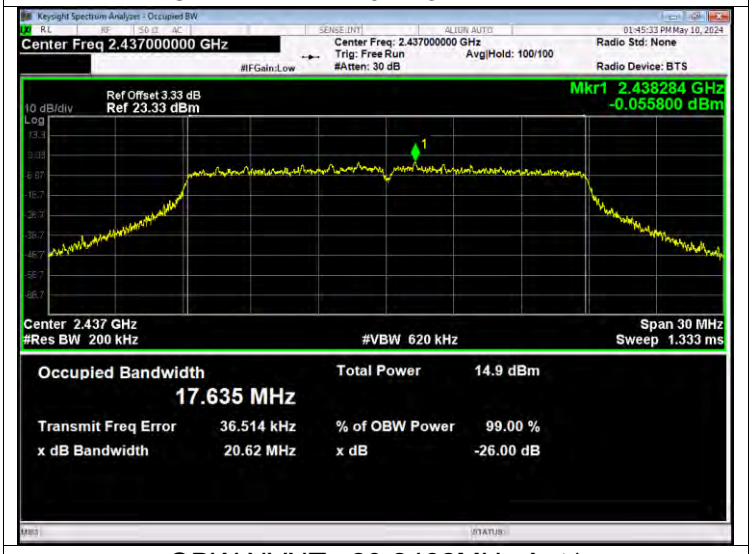
OBW NVNT g 2462MHz Ant2



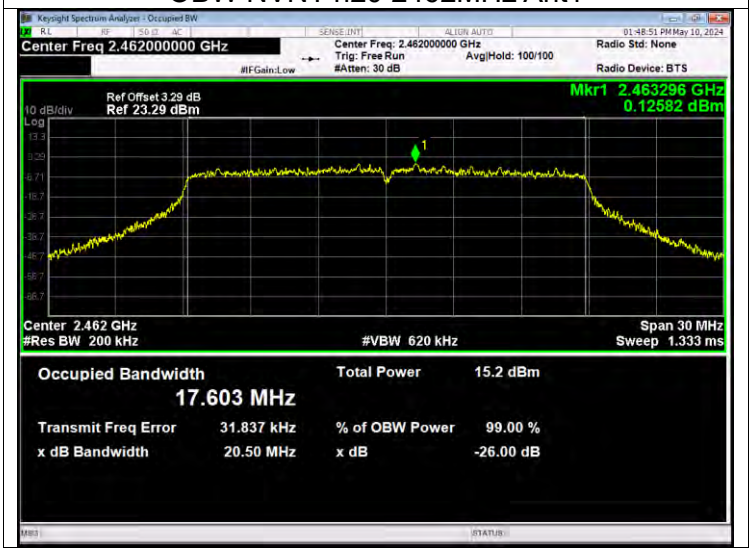
OBW NVNT n20 2412MHz Ant1



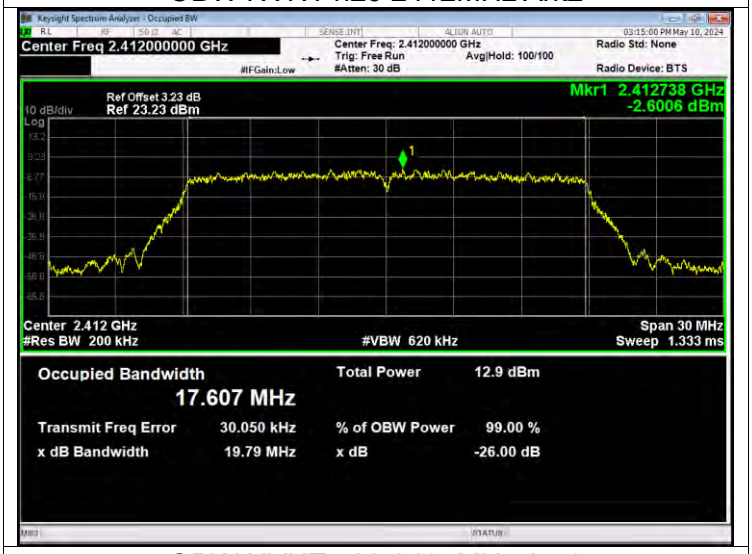
OBW NVNT n20 2437MHz Ant1



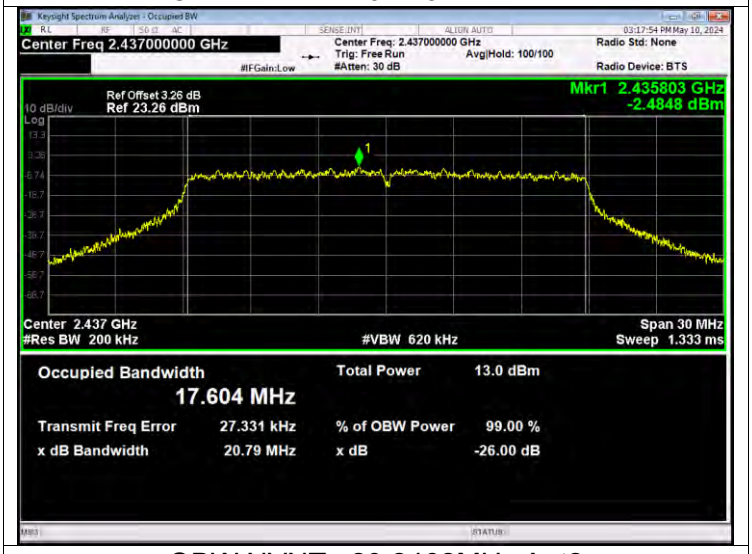
OBW NVNT n20 2462MHz Ant1



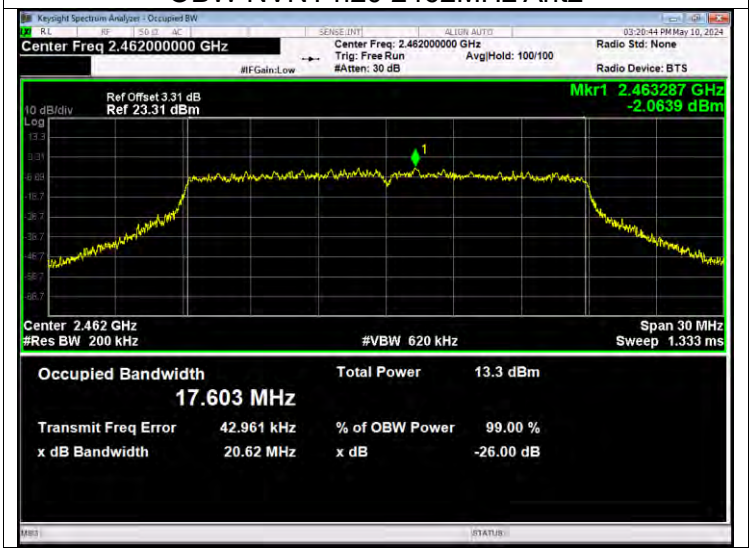
OBW NVNT n20 2412MHz Ant2



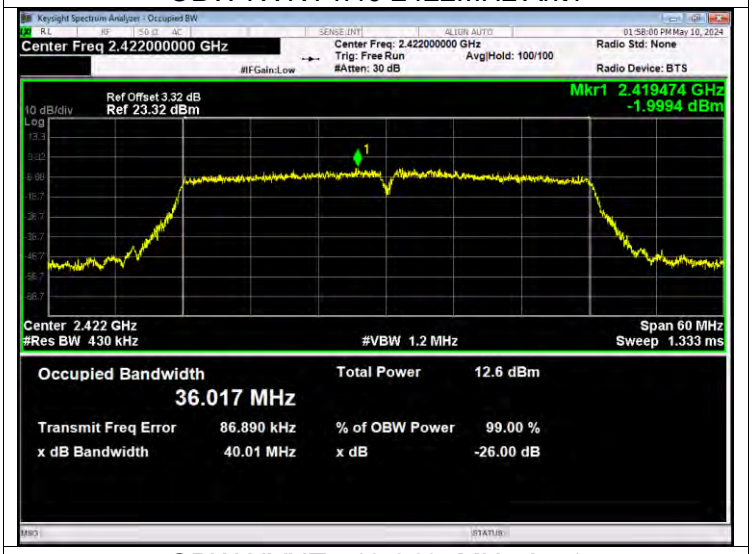
OBW NVNT n20 2437MHz Ant2



OBW NVNT n20 2462MHz Ant2



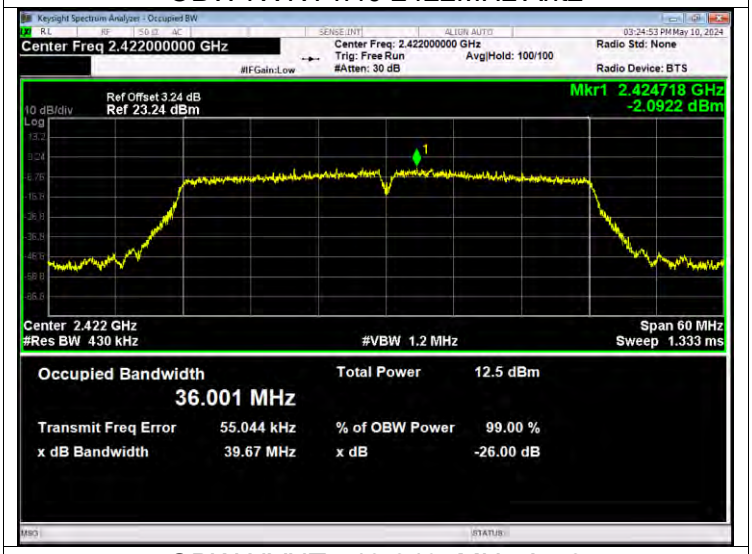
OBW NVNT n40 2422MHz Ant1



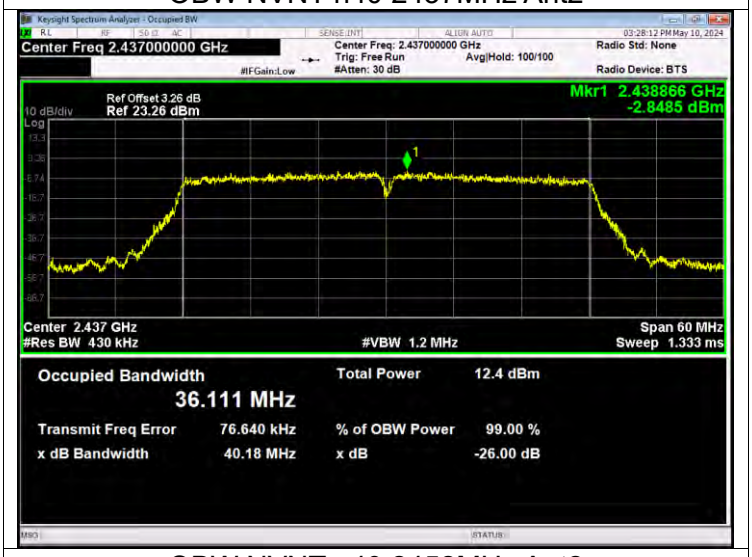
OBW NVNT n40 2437MHz Ant1

OBW NVNT n40 2452MHz Ant1

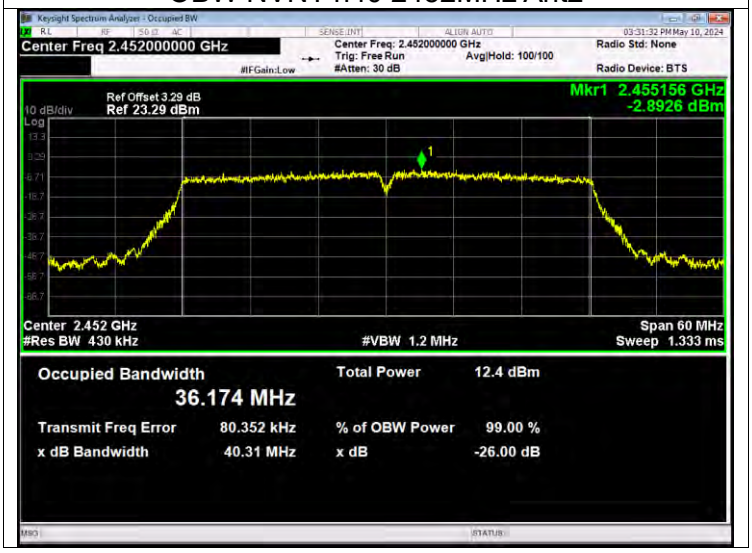
OBW NVNT n40 2422MHz Ant2



OBW NVNT n40 2437MHz Ant2

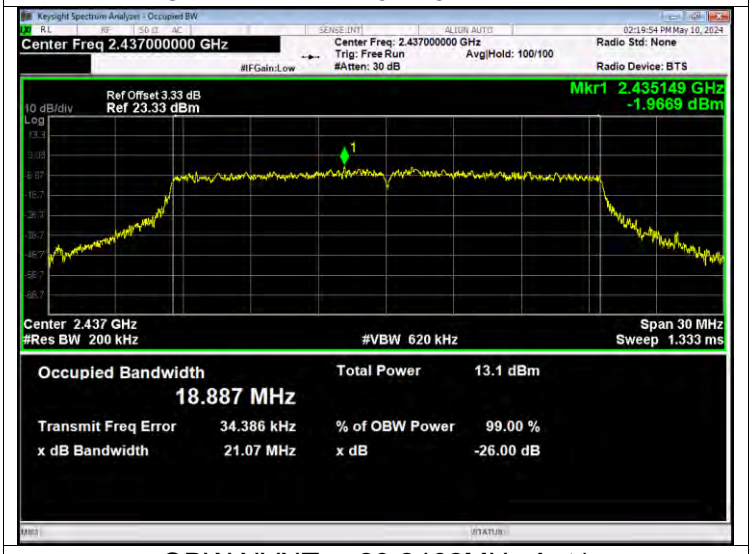


OBW NVNT n40 2452MHz Ant2

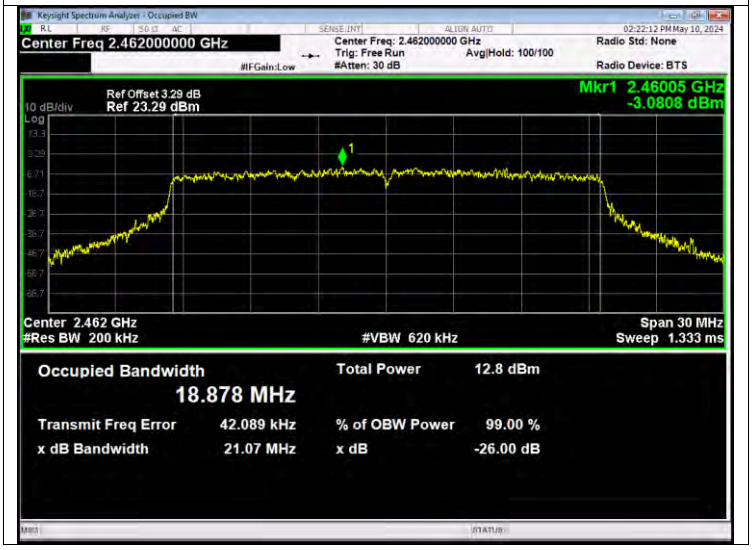


OBW NVNT ax20 2412MHz Ant1

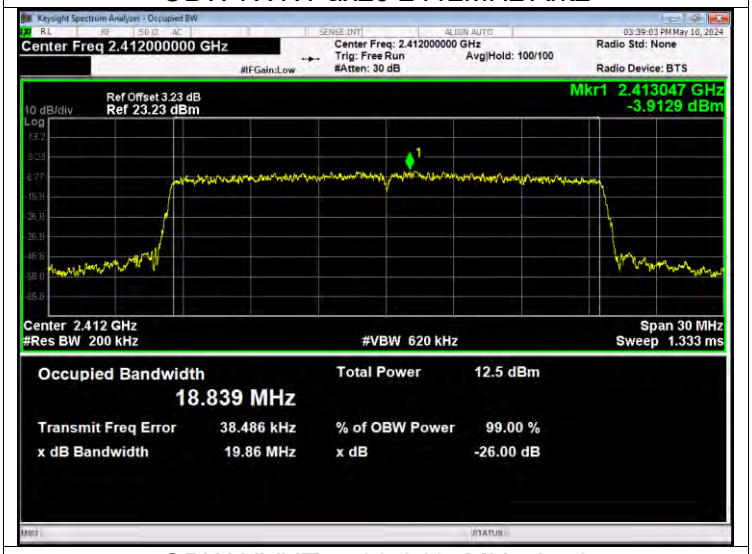
OBW NVNT ax20 2437MHz Ant1



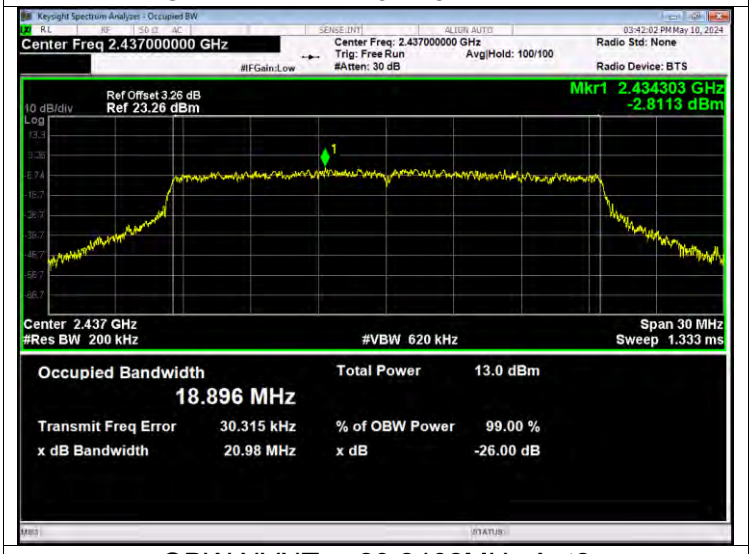
OBW NVNT ax20 2462MHz Ant1



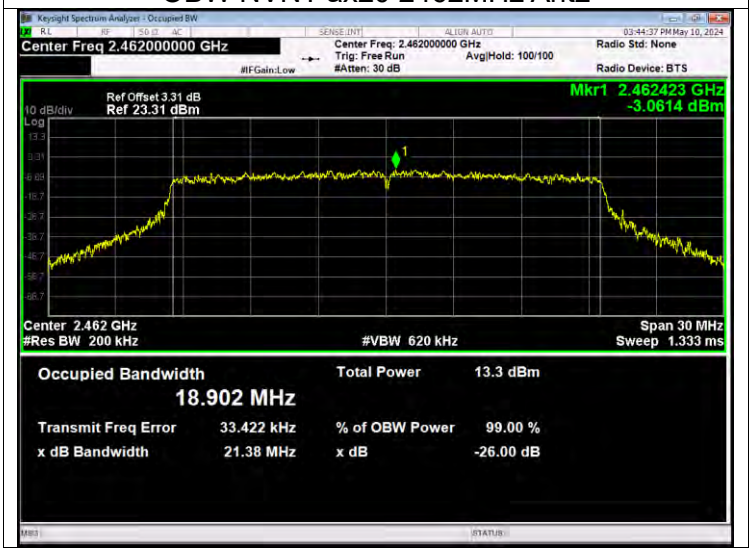
OBW NVNT ax20 2412MHz Ant2



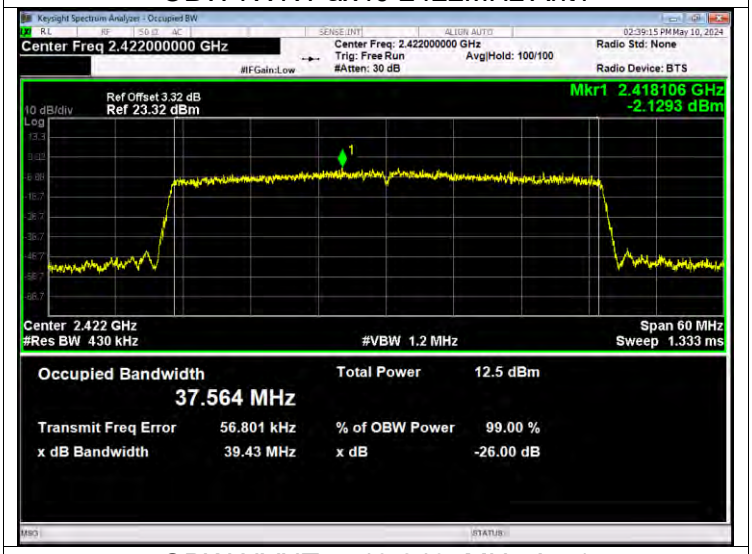
OBW NVNT ax20 2437MHz Ant2



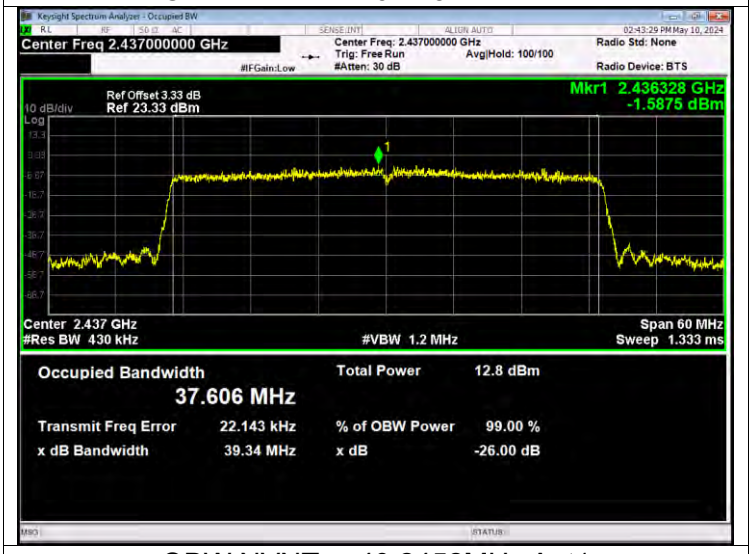
OBW NVNT ax20 2462MHz Ant2



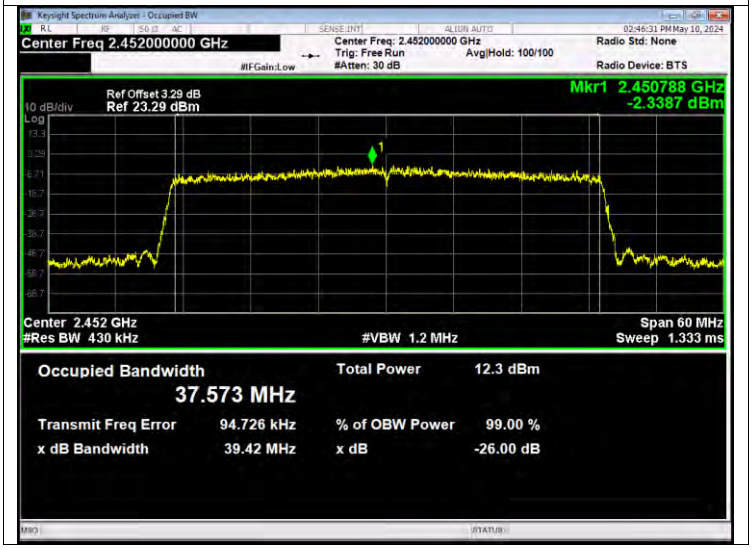
OBW NVNT ax40 2422MHz Ant1



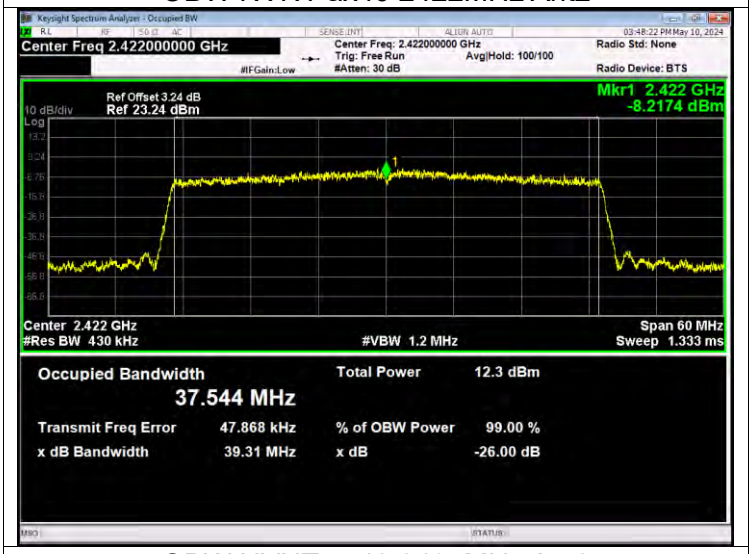
OBW NVNT ax40 2437MHz Ant1



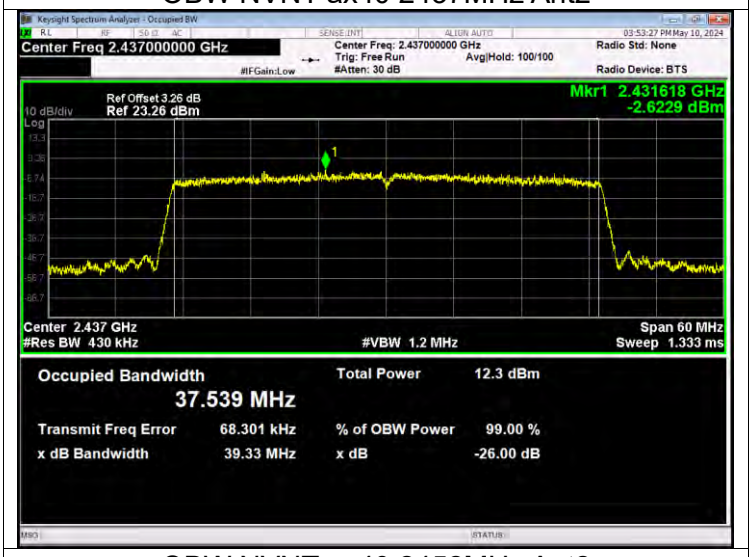
OBW NVNT ax40 2452MHz Ant1



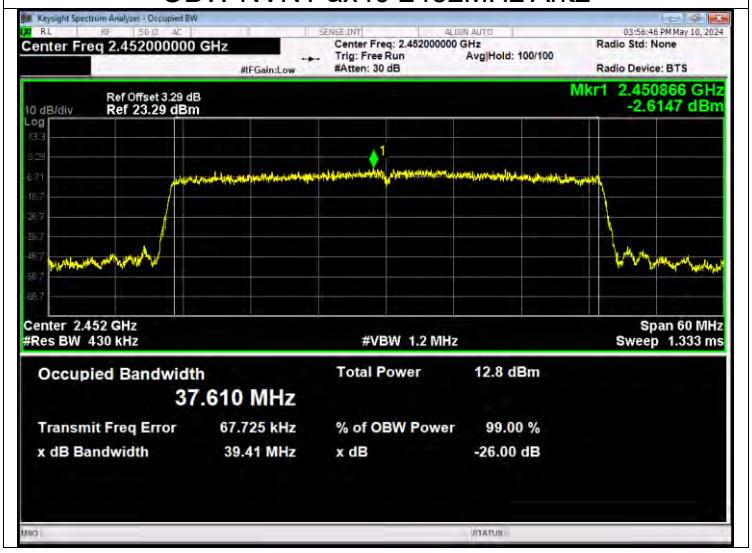
OBW NVNT ax40 2422MHz Ant2



OBW NVNT ax40 2437MHz Ant2



OBW NVNT ax40 2452MHz Ant2

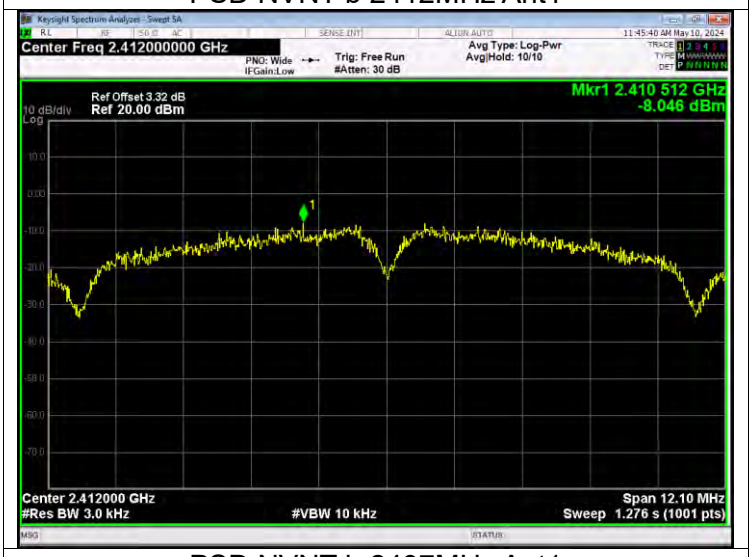


Maximum Power Spectral Density Level

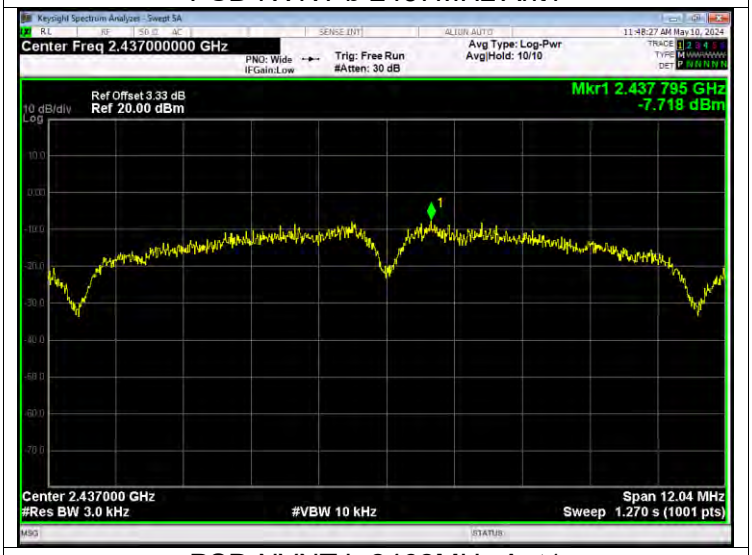
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-8.05	8	Pass
NVNT	b	2437	Ant1	-7.72	8	Pass
NVNT	b	2462	Ant1	-8.18	8	Pass
NVNT	b	2412	Ant2	-8.08	8	Pass
NVNT	b	2437	Ant2	-7.78	8	Pass
NVNT	b	2462	Ant2	-7.73	8	Pass
NVNT	g	2412	Ant1	-15.13	8	Pass
NVNT	g	2437	Ant1	-14.99	8	Pass
NVNT	g	2462	Ant1	-14.97	8	Pass
NVNT	g	2412	Ant2	-15.84	8	Pass
NVNT	g	2437	Ant2	-14.4	8	Pass
NVNT	g	2462	Ant2	-13.35	8	Pass
NVNT	n20	2412	Ant1	-16.29	8	Pass
NVNT	n20	2437	Ant1	-15.98	8	Pass
NVNT	n20	2462	Ant1	-14.99	8	Pass
NVNT	n20	2412	Ant2	-18.4	8	Pass
NVNT	n20	2437	Ant2	-18.95	8	Pass
NVNT	n20	2462	Ant2	-18.51	8	Pass
NVNT	n20	2412	Ant1	-14.94	8	Pass
NVNT	n20	2412	Ant2	-16.85	8	Pass
NVNT	n20	2412	Sum	-12.78	8	Pass
NVNT	n20	2437	Ant1	-15.07	8	Pass
NVNT	n20	2437	Ant2	-15.56	8	Pass
NVNT	n20	2437	Sum	-12.3	8	Pass
NVNT	n20	2462	Ant1	-14.61	8	Pass
NVNT	n20	2462	Ant2	-15.09	8	Pass
NVNT	n20	2462	Sum	-11.83	8	Pass
NVNT	n40	2422	Ant1	-20.67	8	Pass
NVNT	n40	2437	Ant1	-20.52	8	Pass
NVNT	n40	2452	Ant1	-20.6	8	Pass
NVNT	n40	2422	Ant2	-20.21	8	Pass
NVNT	n40	2437	Ant2	-21.25	8	Pass
NVNT	n40	2452	Ant2	-21.18	8	Pass
NVNT	n40	2422	Ant1	-17.77	8	Pass
NVNT	n40	2422	Ant2	-18.37	8	Pass
NVNT	n40	2422	Sum	-15.05	8	Pass
NVNT	n40	2437	Ant1	-18.82	8	Pass
NVNT	n40	2437	Ant2	-19.04	8	Pass
NVNT	n40	2437	Sum	-15.92	8	Pass
NVNT	n40	2452	Ant1	-18.05	8	Pass
NVNT	n40	2452	Ant2	-17.48	8	Pass
NVNT	n40	2452	Sum	-14.75	8	Pass
NVNT	ax20	2412	Ant1	-19.84	8	Pass
NVNT	ax20	2437	Ant1	-18.9	8	Pass
NVNT	ax20	2462	Ant1	-19.67	8	Pass
NVNT	ax20	2412	Ant2	-20.43	8	Pass
NVNT	ax20	2437	Ant2	-19.89	8	Pass
NVNT	ax20	2462	Ant2	-19.24	8	Pass
NVNT	ax20	2412	Ant1	-19.07	8	Pass
NVNT	ax20	2412	Ant2	-20.66	8	Pass
NVNT	ax20	2412	Sum	-16.78	8	Pass
NVNT	ax20	2437	Ant1	-19.64	8	Pass

NVNT	ax20	2437	Ant2	-20.93	8	Pass
NVNT	ax20	2437	Sum	-17.23	8	Pass
NVNT	ax20	2462	Ant1	-18.58	8	Pass
NVNT	ax20	2462	Ant2	-19.13	8	Pass
NVNT	ax20	2462	Sum	-15.84	8	Pass
NVNT	ax40	2422	Ant1	-21.6	8	Pass
NVNT	ax40	2437	Ant1	-21.53	8	Pass
NVNT	ax40	2452	Ant1	-21.09	8	Pass
NVNT	ax40	2422	Ant2	-21.36	8	Pass
NVNT	ax40	2437	Ant2	-22.28	8	Pass
NVNT	ax40	2452	Ant2	-20.38	8	Pass
NVNT	ax40	2422	Ant1	-22.67	8	Pass
NVNT	ax40	2422	Ant2	-22.83	8	Pass
NVNT	ax40	2422	Sum	-19.74	8	Pass
NVNT	ax40	2437	Ant1	-22.76	8	Pass
NVNT	ax40	2437	Ant2	-22.5	8	Pass
NVNT	ax40	2437	Sum	-19.62	8	Pass
NVNT	ax40	2452	Ant1	-21.38	8	Pass
NVNT	ax40	2452	Ant2	-21.84	8	Pass
NVNT	ax40	2452	Sum	-18.59	8	Pass

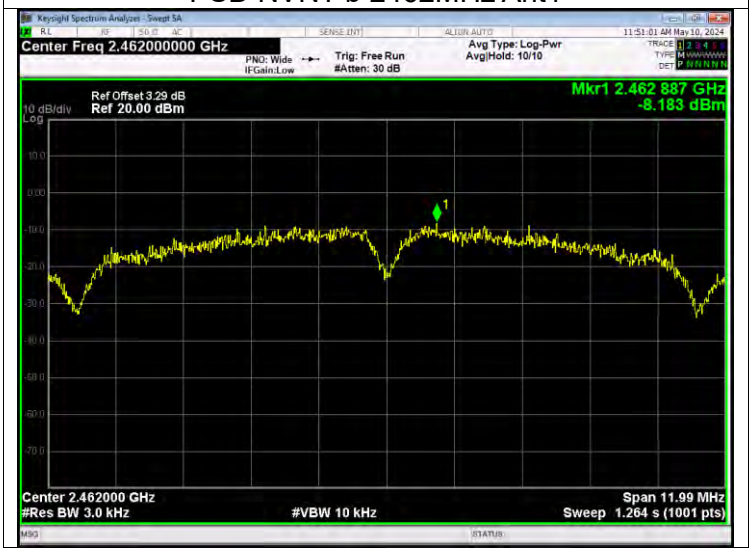
Test Graphs
PSD NVNT b 2412MHz Ant1



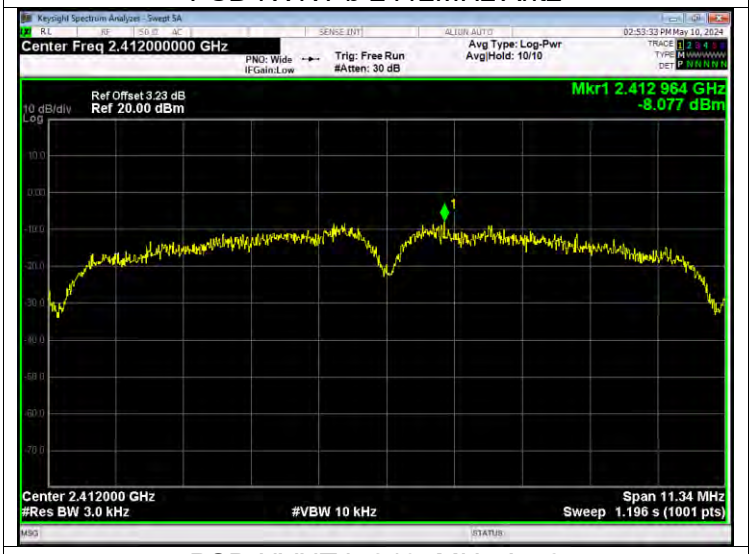
PSD NVNT b 2437MHz Ant1



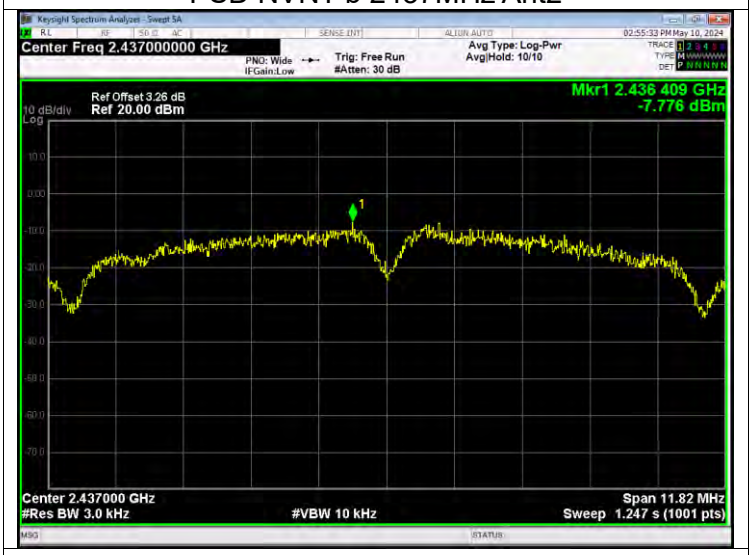
PSD NVNT b 2462MHz Ant1



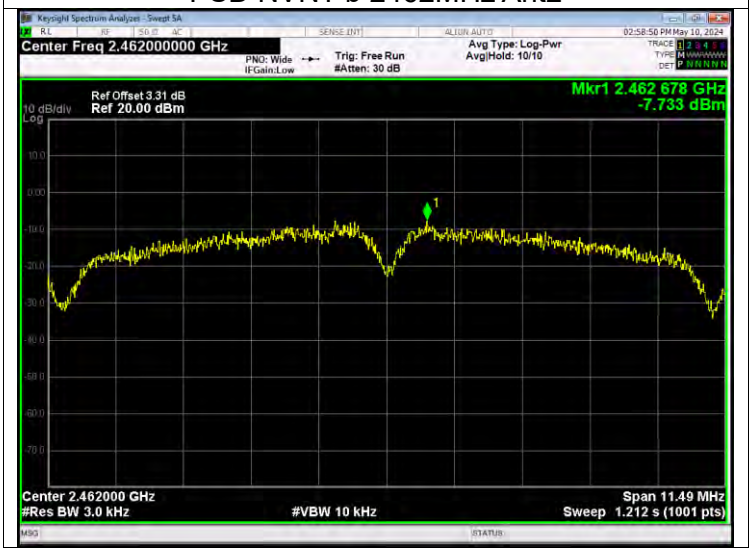
PSD NVNT b 2412MHz Ant2



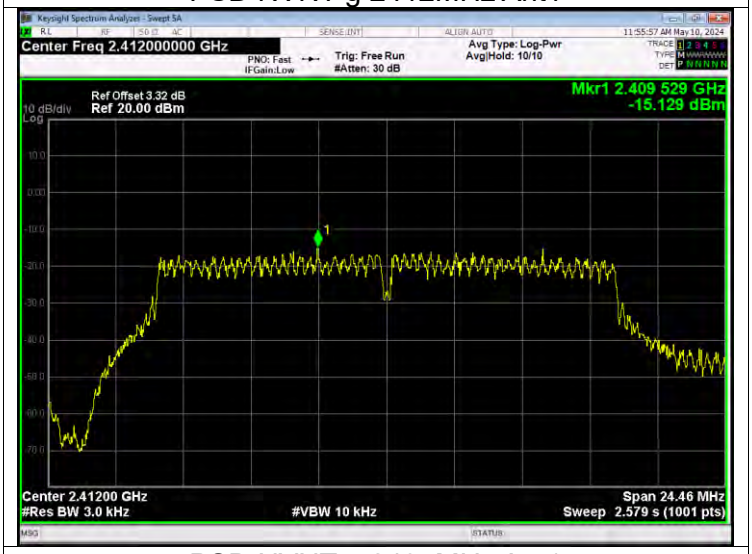
PSD NVNT b 2437MHz Ant2



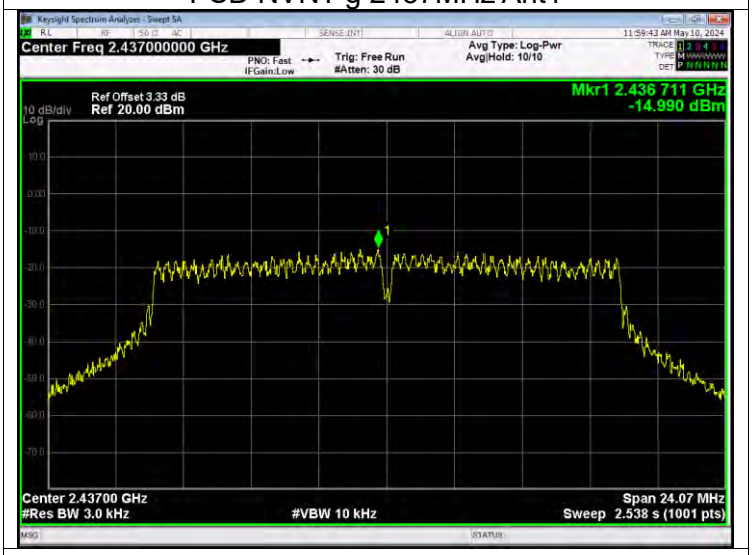
PSD NVNT b 2462MHz Ant2



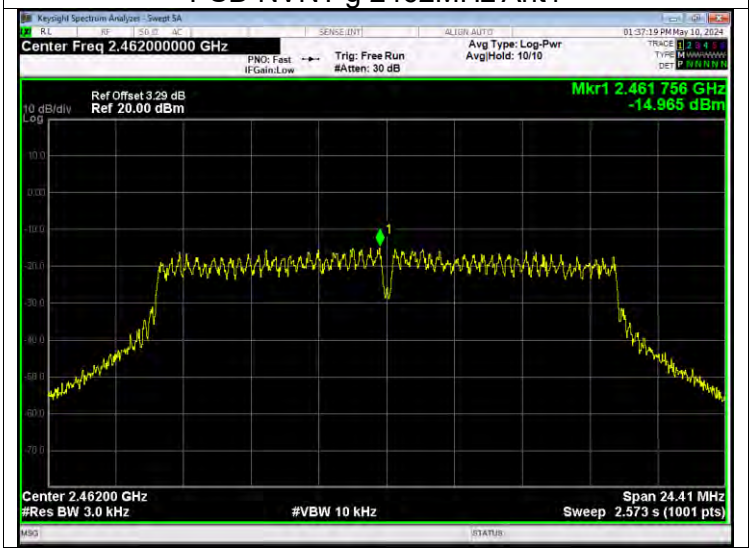
PSD NVNT g 2412MHz Ant1



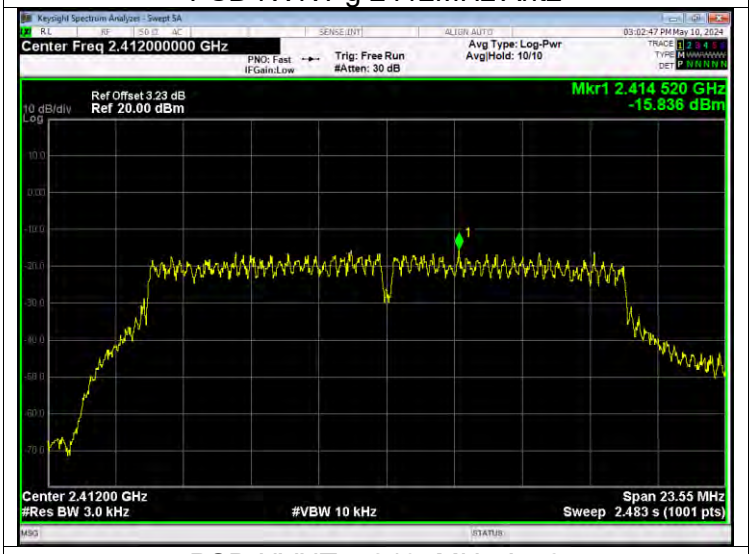
PSD NVNT g 2437MHz Ant1



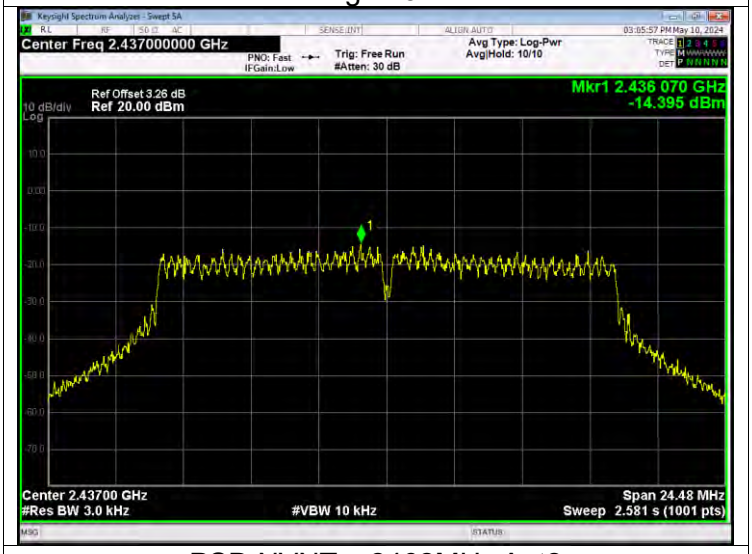
PSD NVNT g 2462MHz Ant1



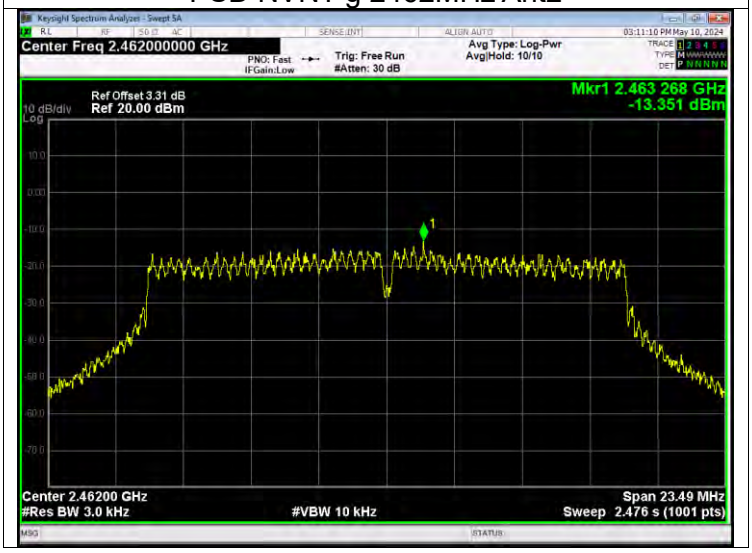
PSD NVNT g 2412MHz Ant2



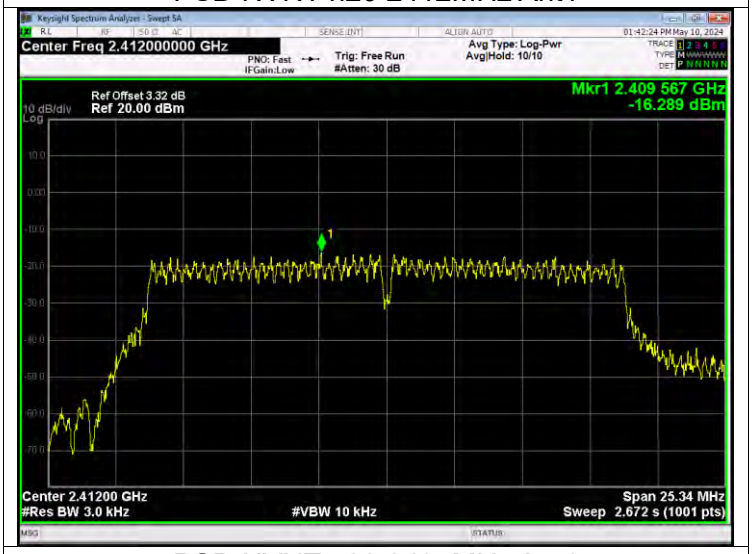
PSD NVNT g 2437MHz Ant2



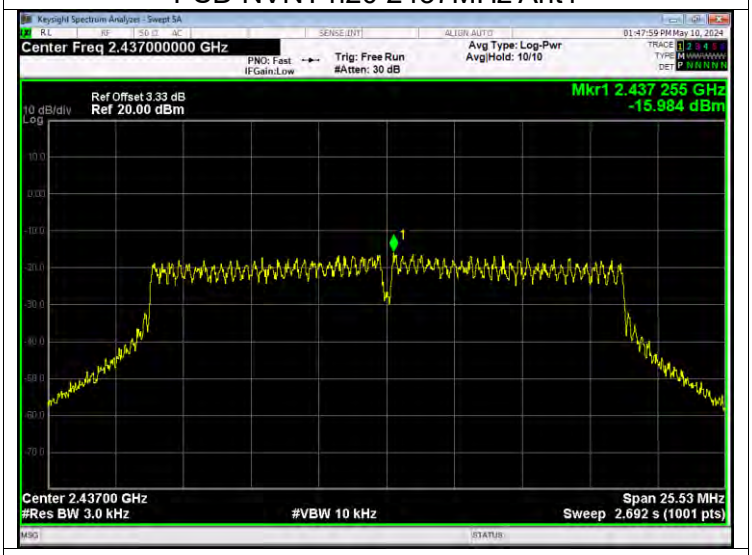
PSD NVNT g 2462MHz Ant2



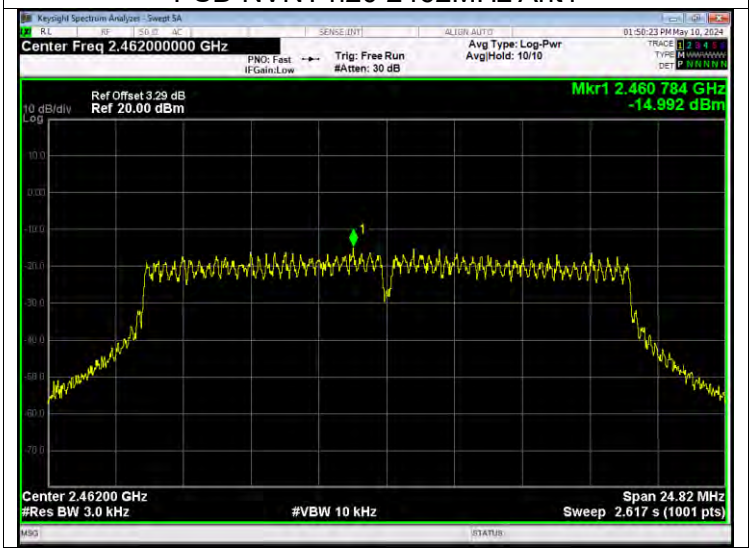
PSD NVNT n20 2412MHz Ant1



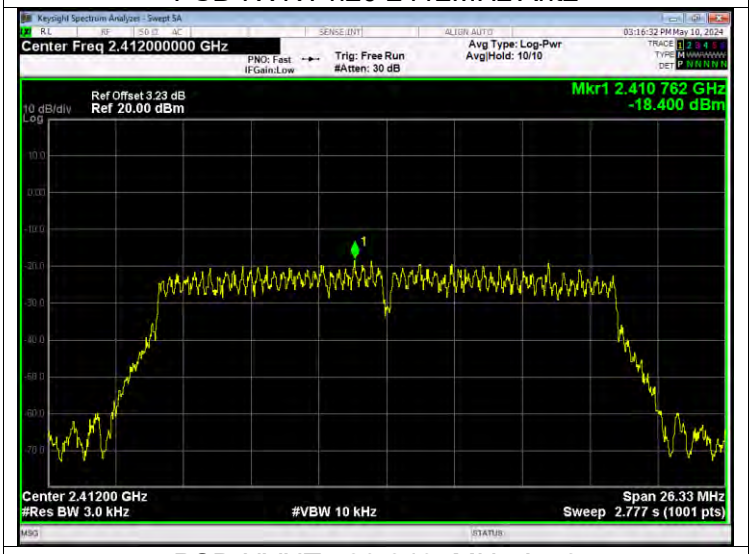
PSD NVNT n20 2437MHz Ant1



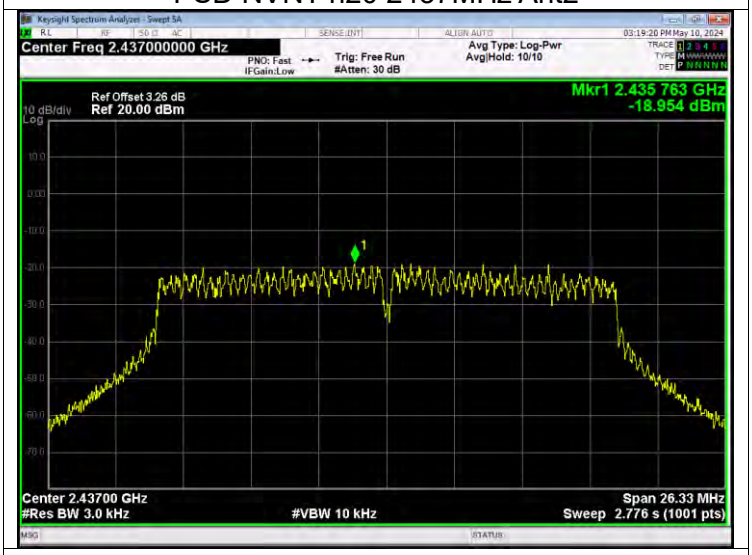
PSD NVNT n20 2462MHz Ant1



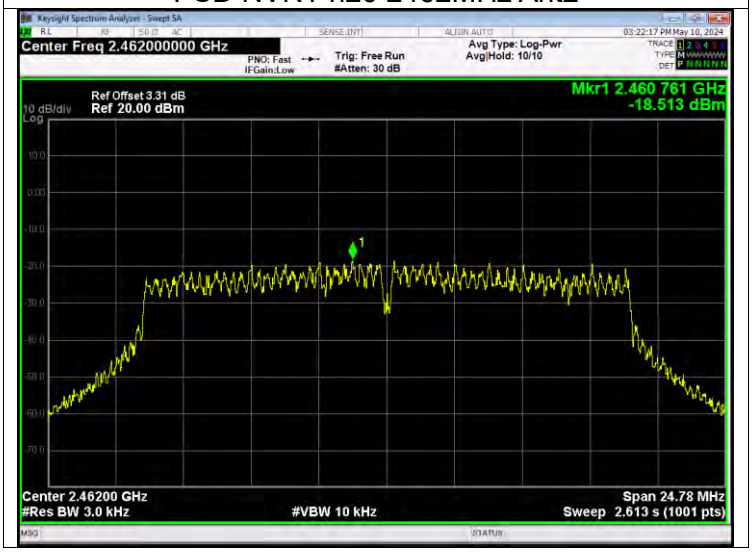
PSD NVNT n20 2412MHz Ant2



PSD NVNT n20 2437MHz Ant2

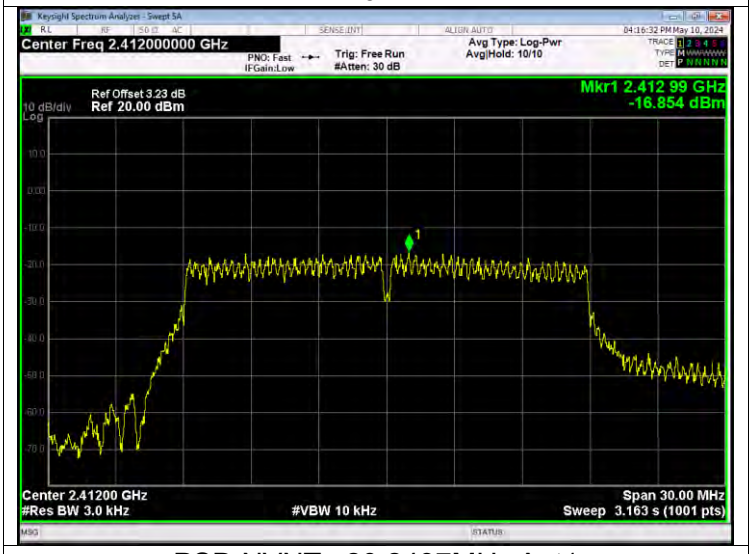


PSD NVNT n20 2462MHz Ant2

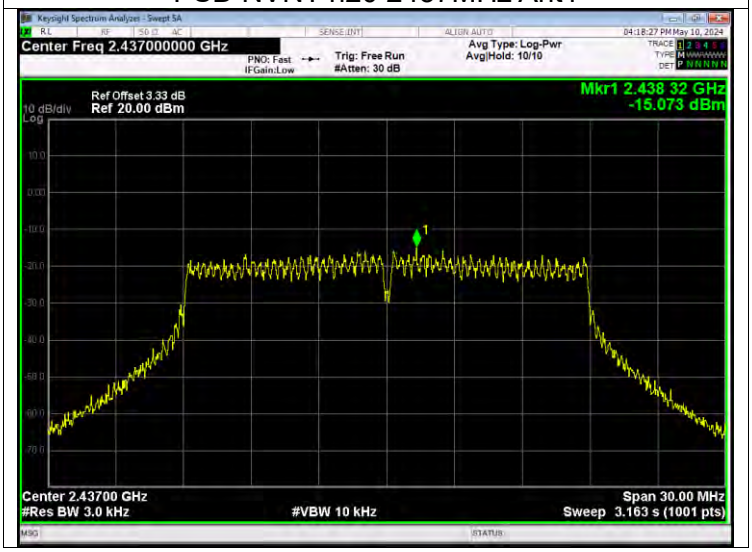


PSD NVNT n20 2412MHz Ant1

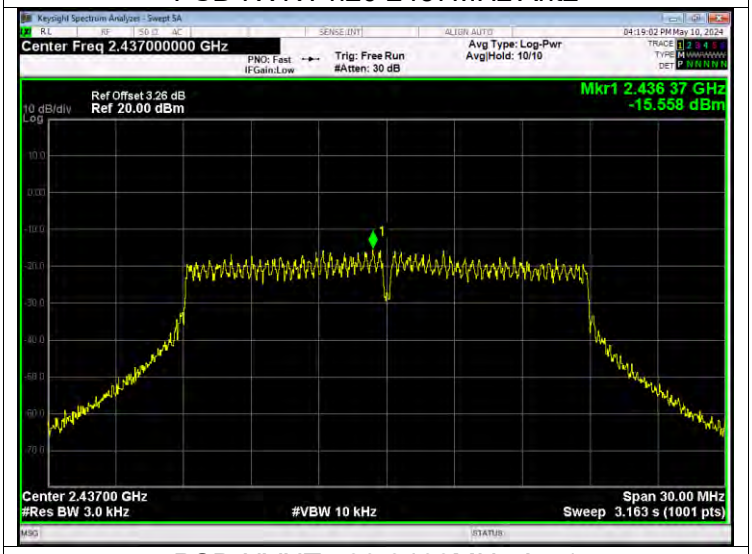
PSD NVNT n20 2412MHz Ant2



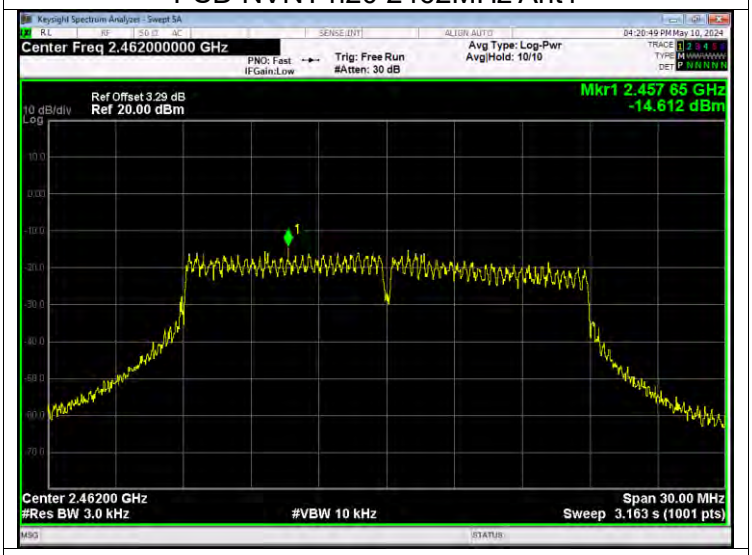
PSD NVNT n20 2437MHz Ant1



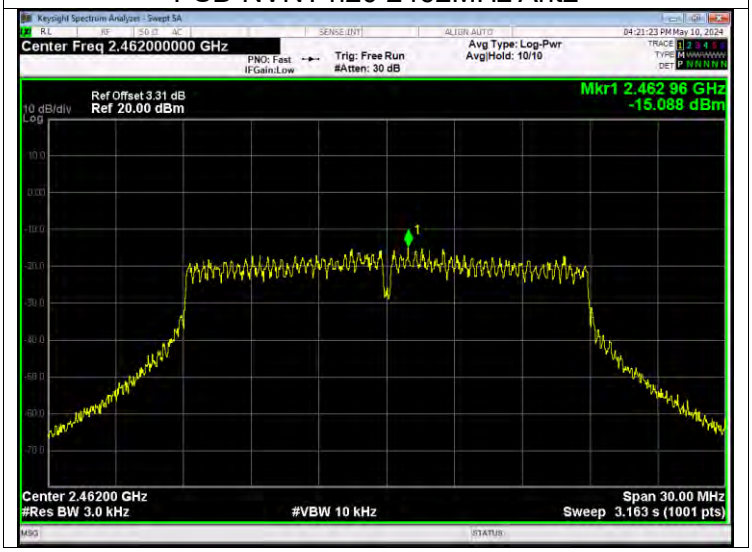
PSD NVNT n20 2437MHz Ant2



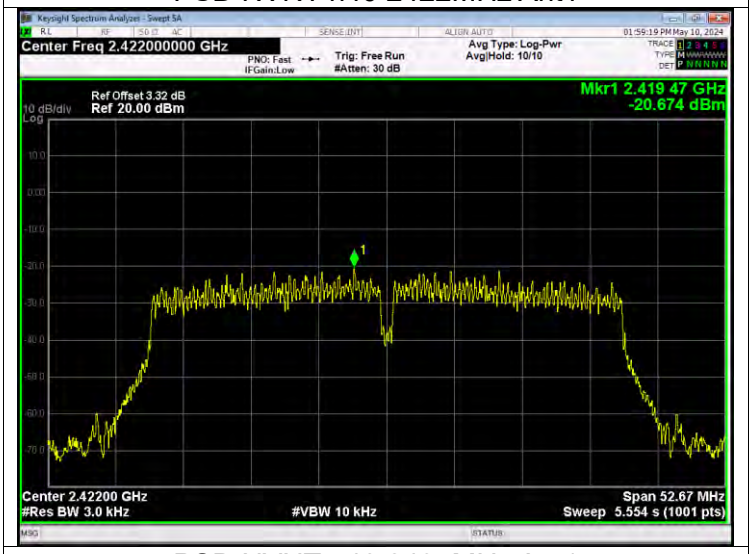
PSD NVNT n20 2462MHz Ant1



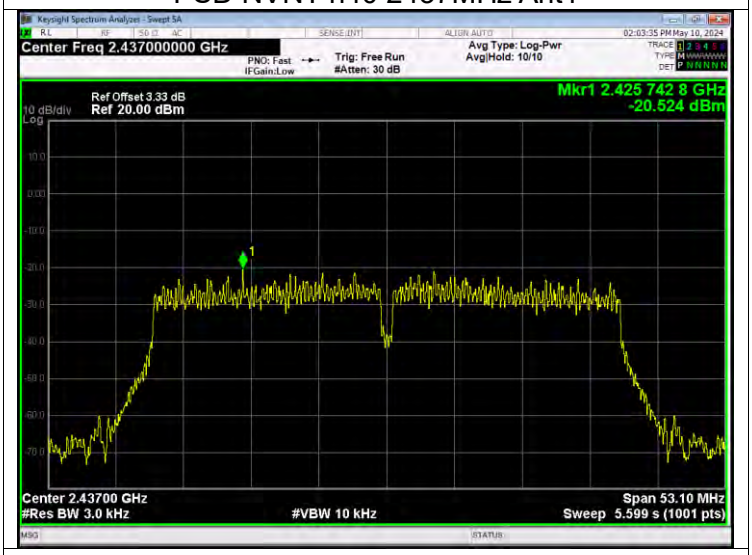
PSD NVNT n20 2462MHz Ant2



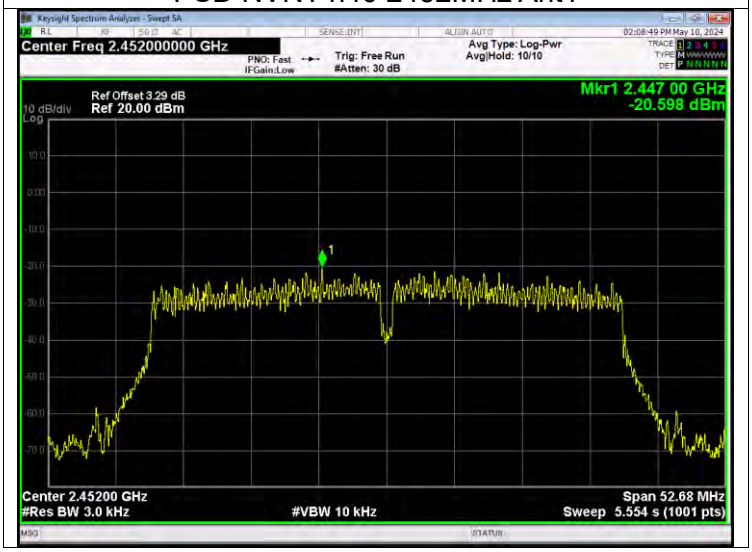
PSD NVNT n40 2422MHz Ant1



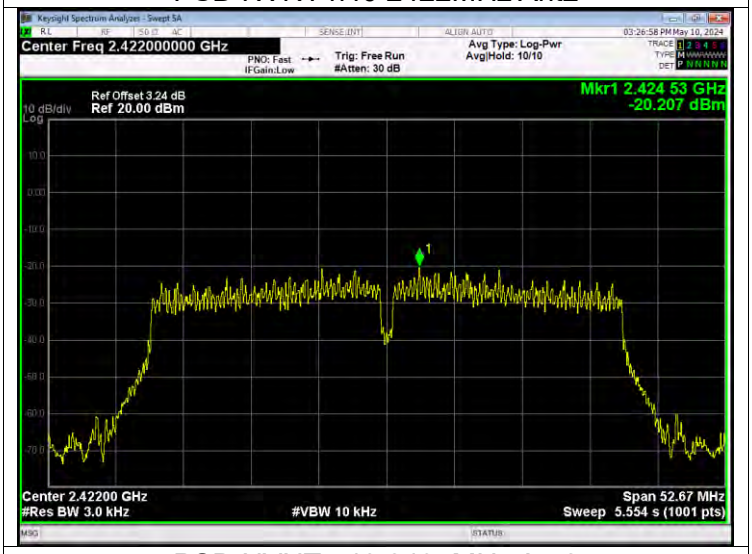
PSD NVNT n40 2437MHz Ant1



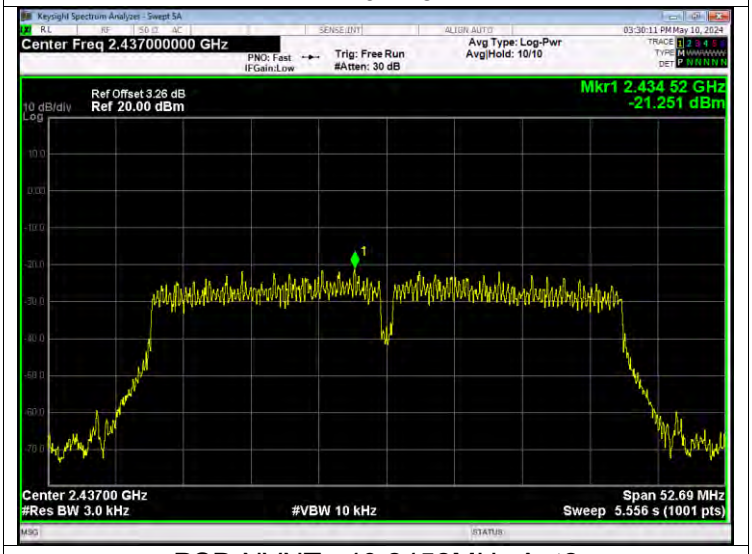
PSD NVNT n40 2452MHz Ant1



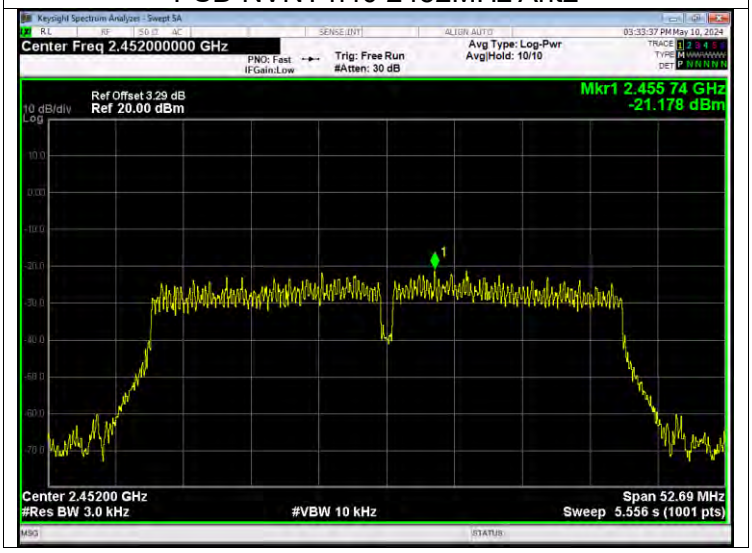
PSD NVNT n40 2422MHz Ant2



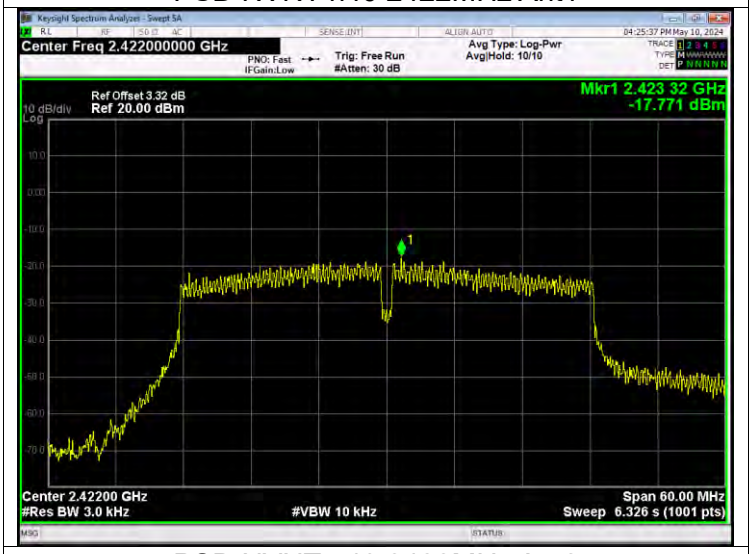
PSD NVNT n40 2437MHz Ant2



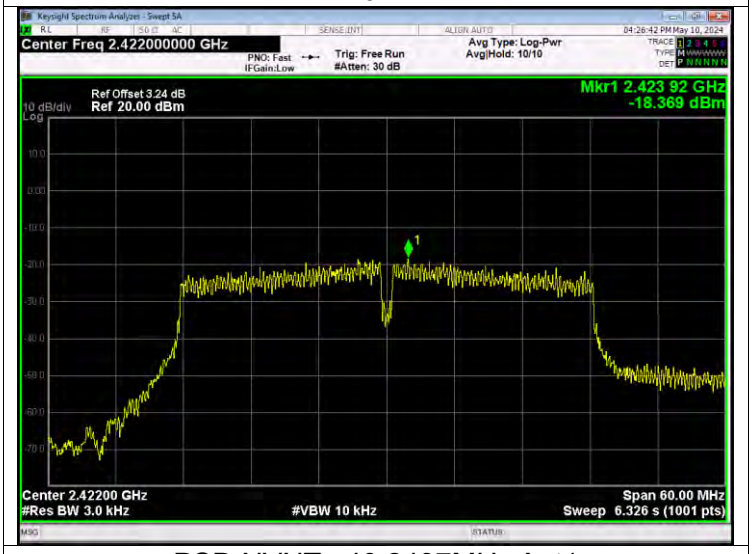
PSD NVNT n40 2452MHz Ant2



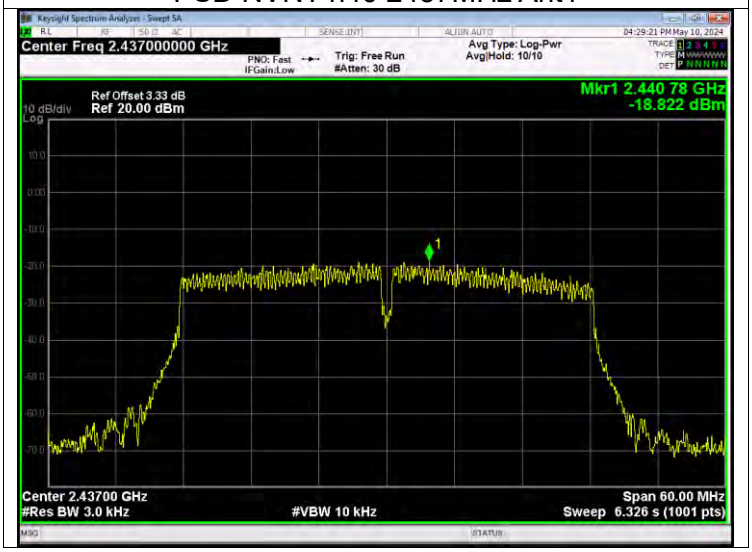
PSD NVNT n40 2422MHz Ant1



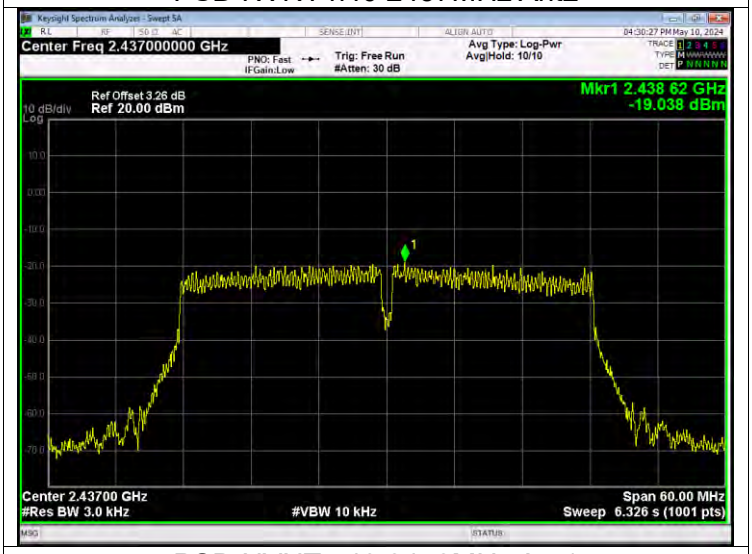
PSD NVNT n40 2422MHz Ant2



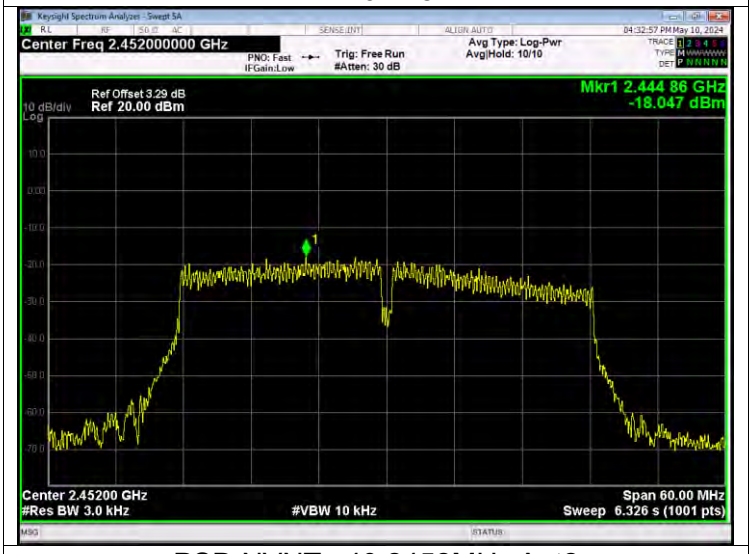
PSD NVNT n40 2437MHz Ant1



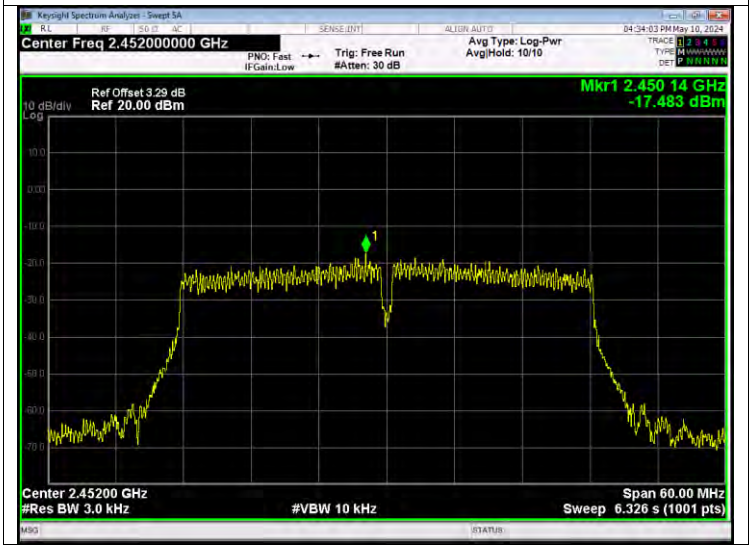
PSD NVNT n40 2437MHz Ant2



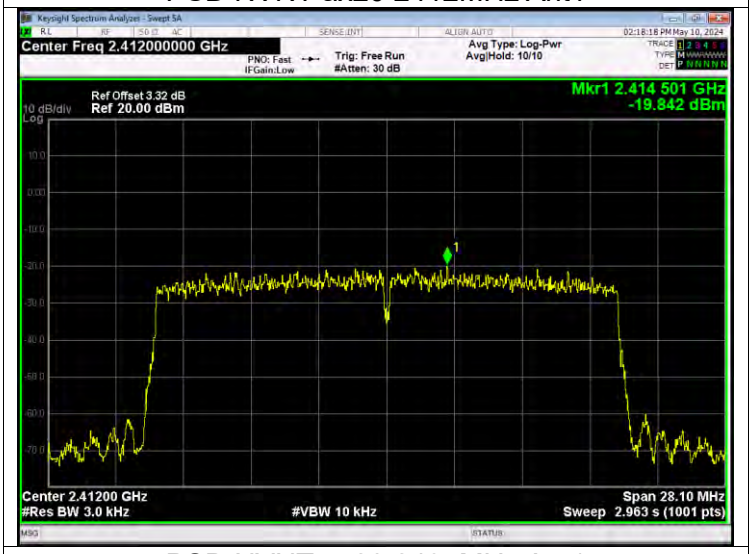
PSD NVNT n40 2452MHz Ant1



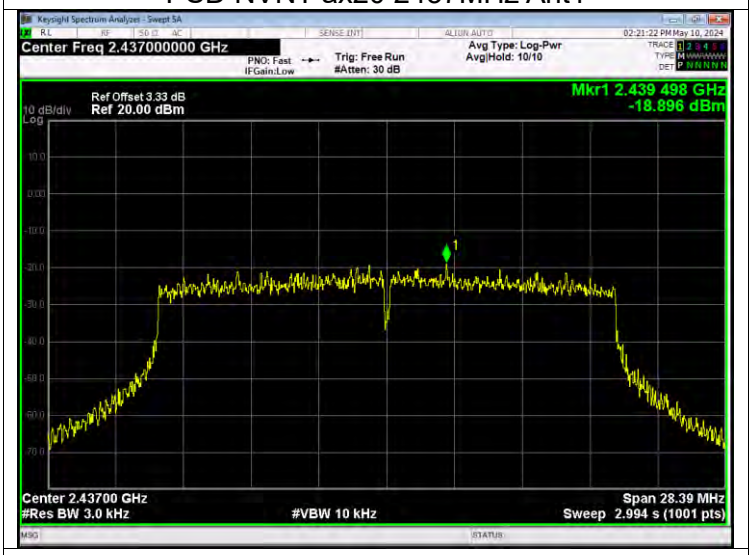
PSD NVNT n40 2452MHz Ant2



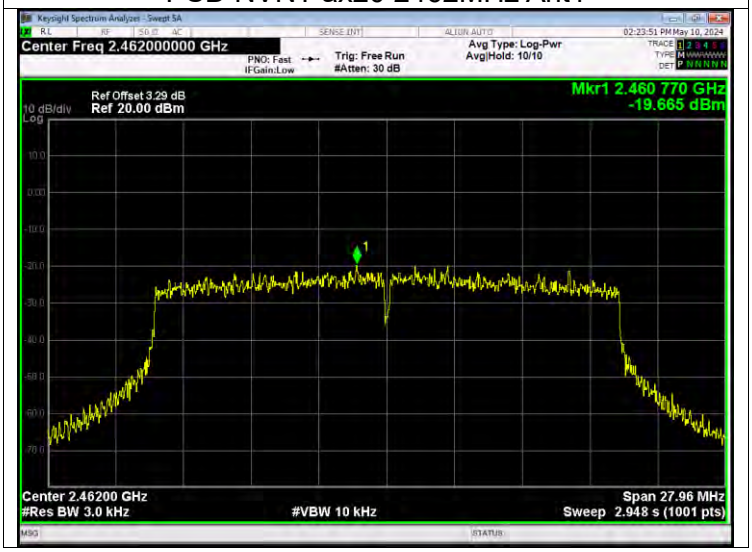
PSD NVNT ax20 2412MHz Ant1



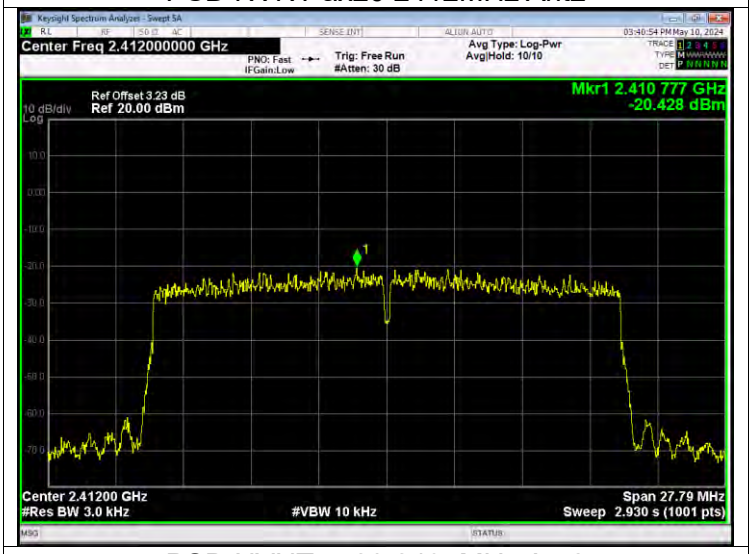
PSD NVNT ax20 2437MHz Ant1



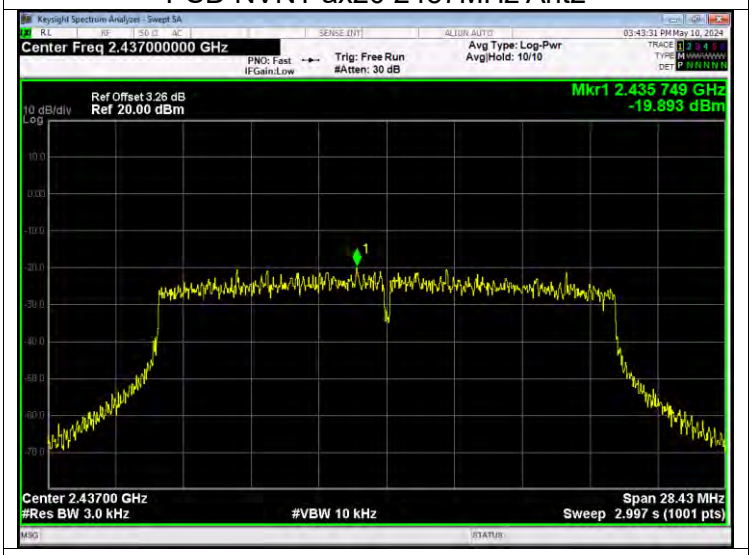
PSD NVNT ax20 2462MHz Ant1



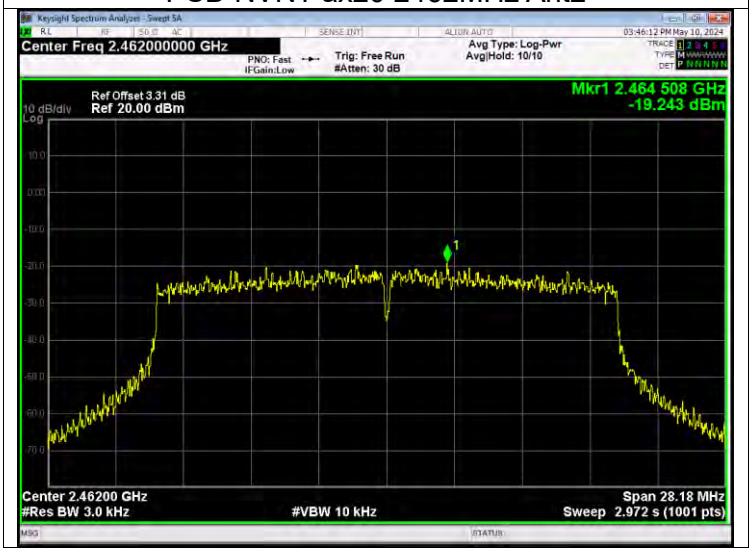
PSD NVNT ax20 2412MHz Ant2



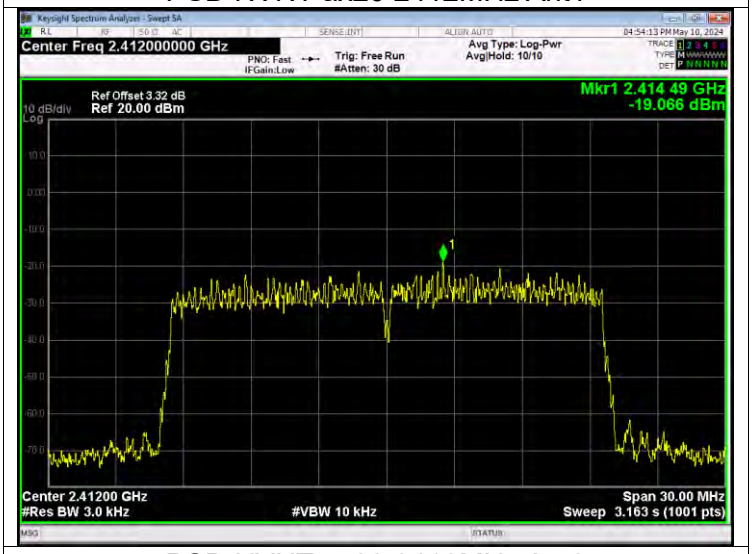
PSD NVNT ax20 2437MHz Ant2



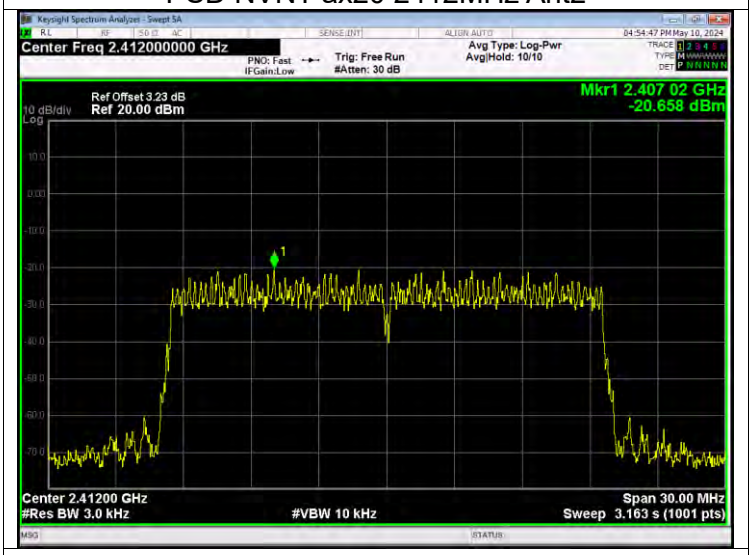
PSD NVNT ax20 2462MHz Ant2



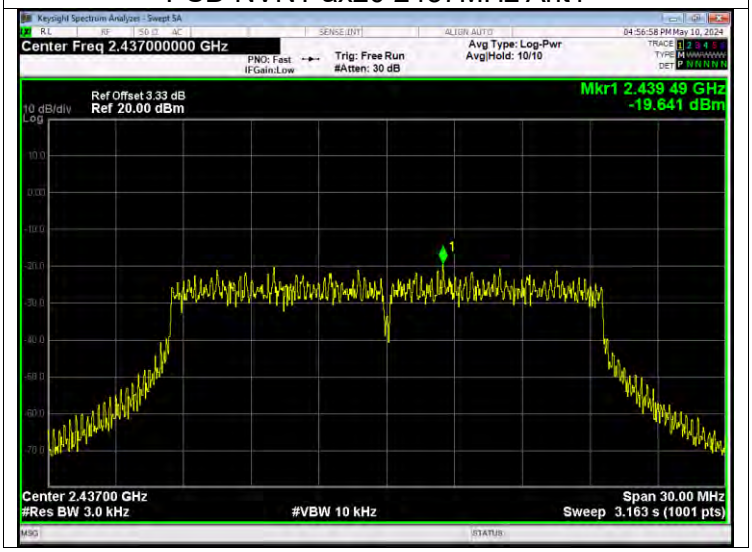
PSD NVNT ax20 2412MHz Ant1



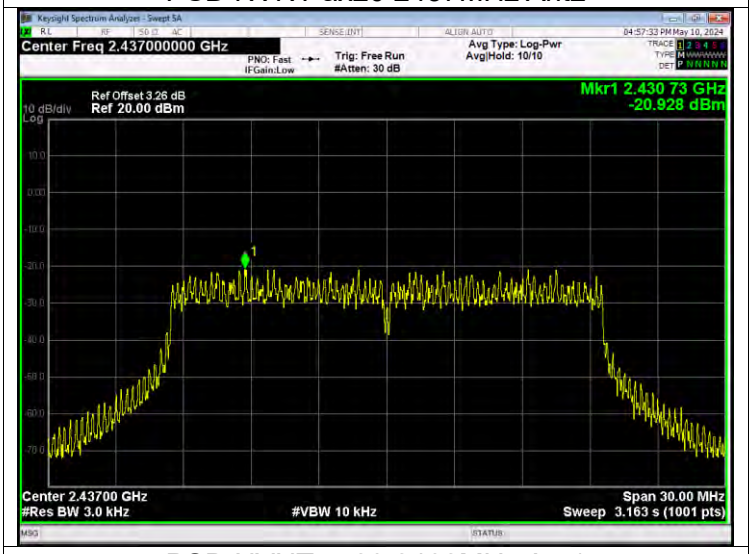
PSD NVNT ax20 2412MHz Ant2



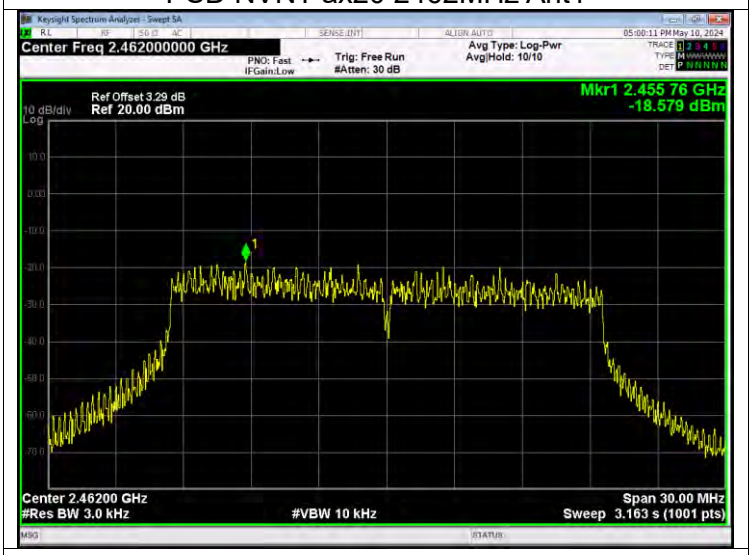
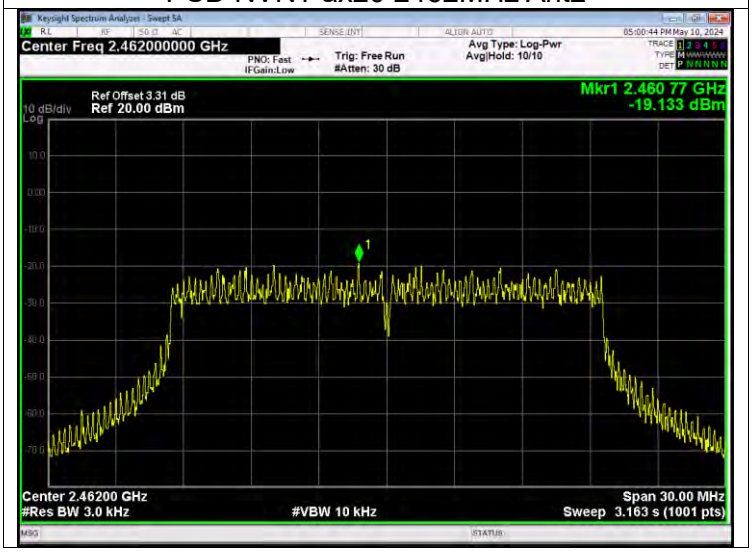
PSD NVNT ax20 2437MHz Ant1



PSD NVNT ax20 2437MHz Ant2



PSD NVNT ax20 2462MHz Ant1



PSD NVNT ax20 2462MHz Ant2