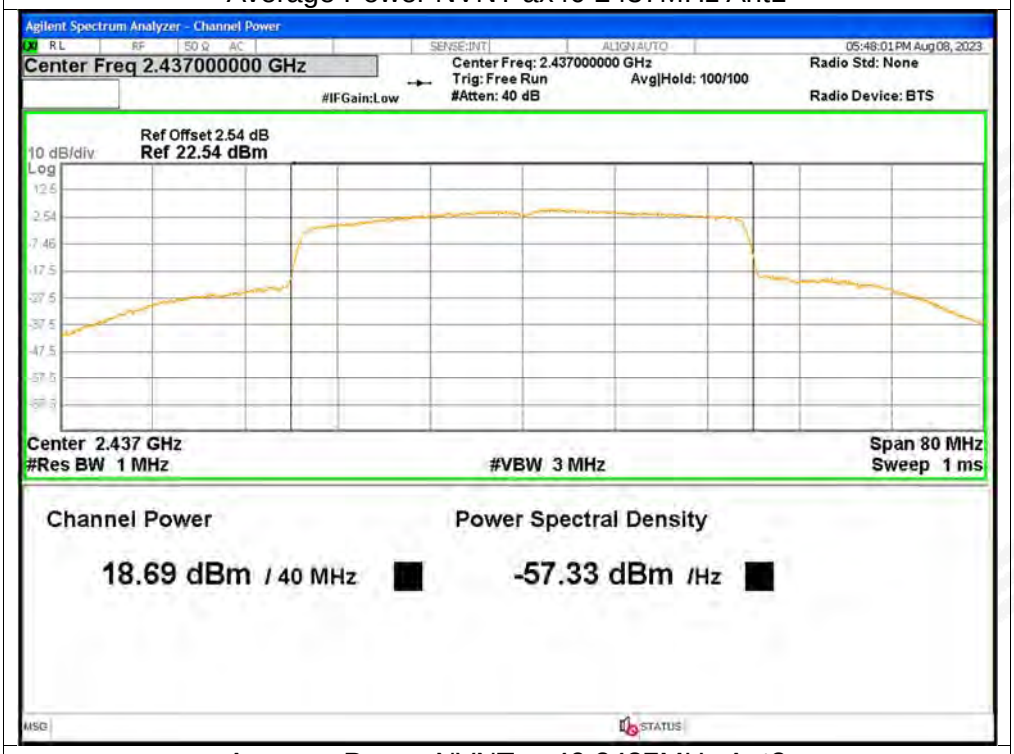
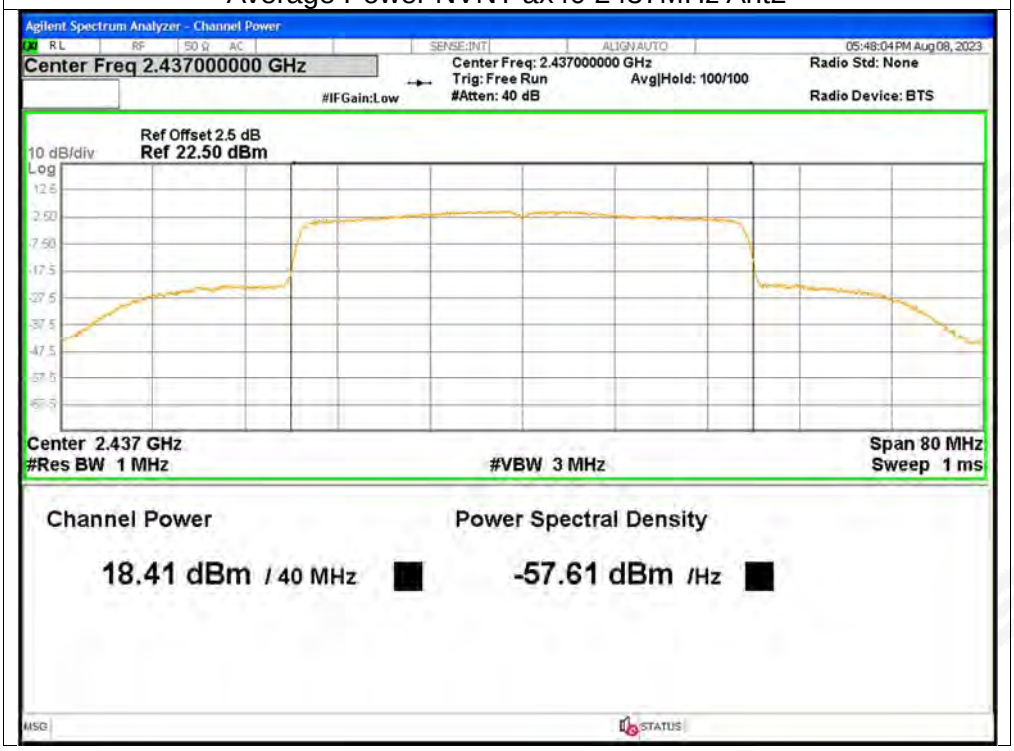
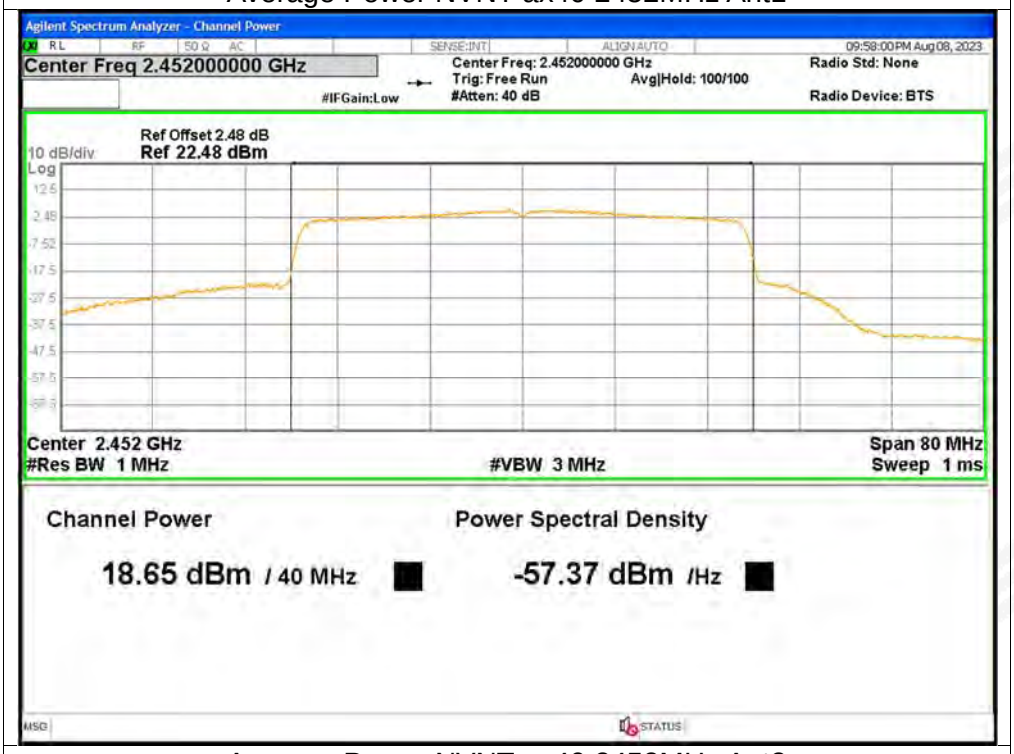
Average Power NVNT ax40 2437MHz Ant1



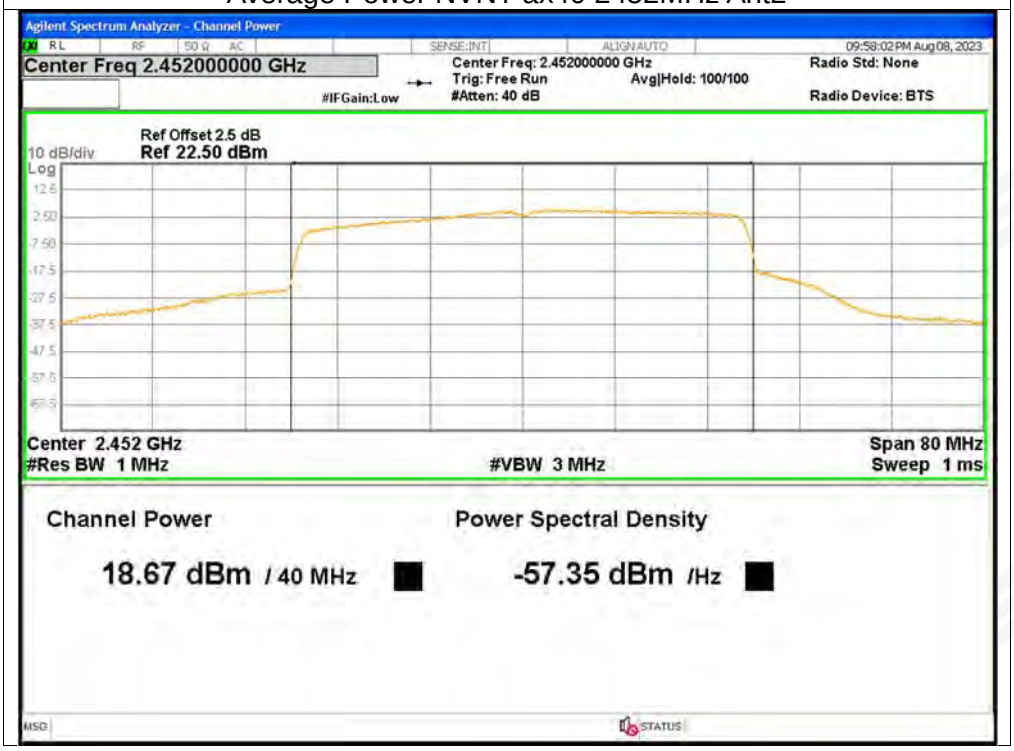
Average Power NVNT ax40 2437MHz Ant2



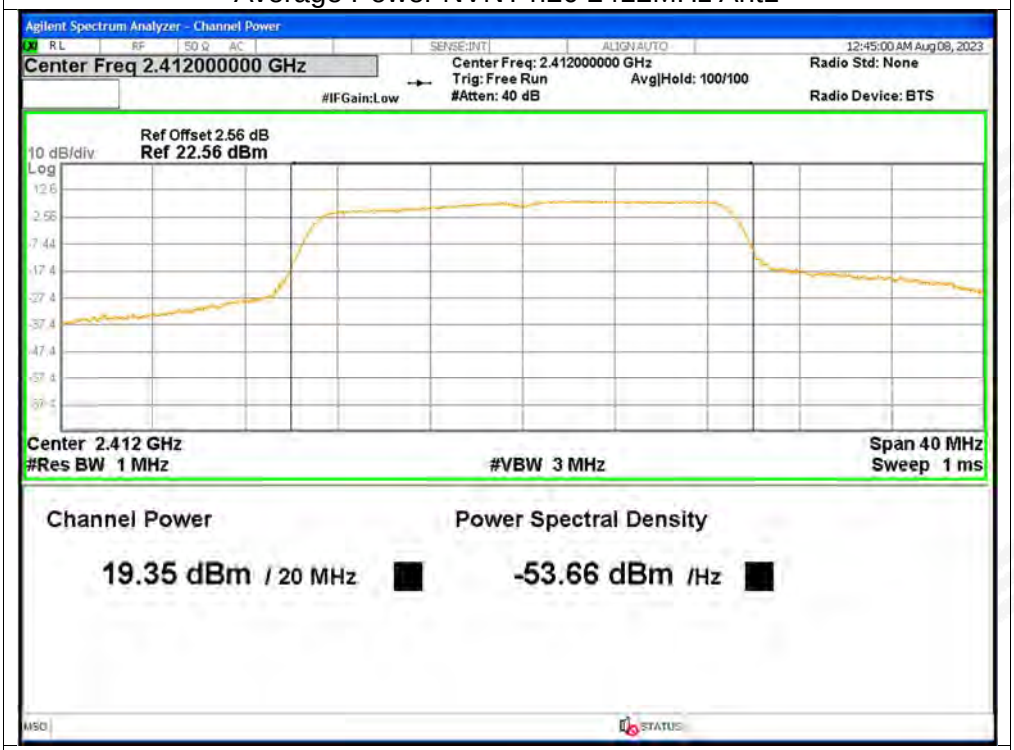
Average Power NVNT ax40 2452MHz Ant1



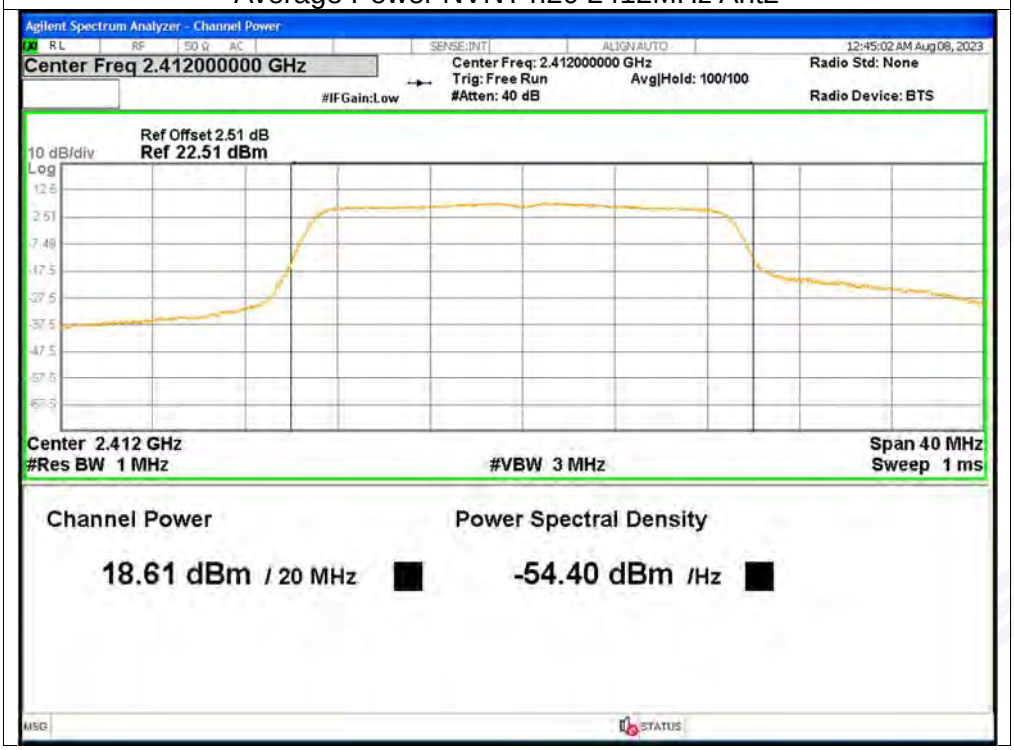
Average Power NVNT ax40 2452MHz Ant2



Average Power NVNT n20 2412MHz Ant1



Average Power NVNT n20 2412MHz Ant2



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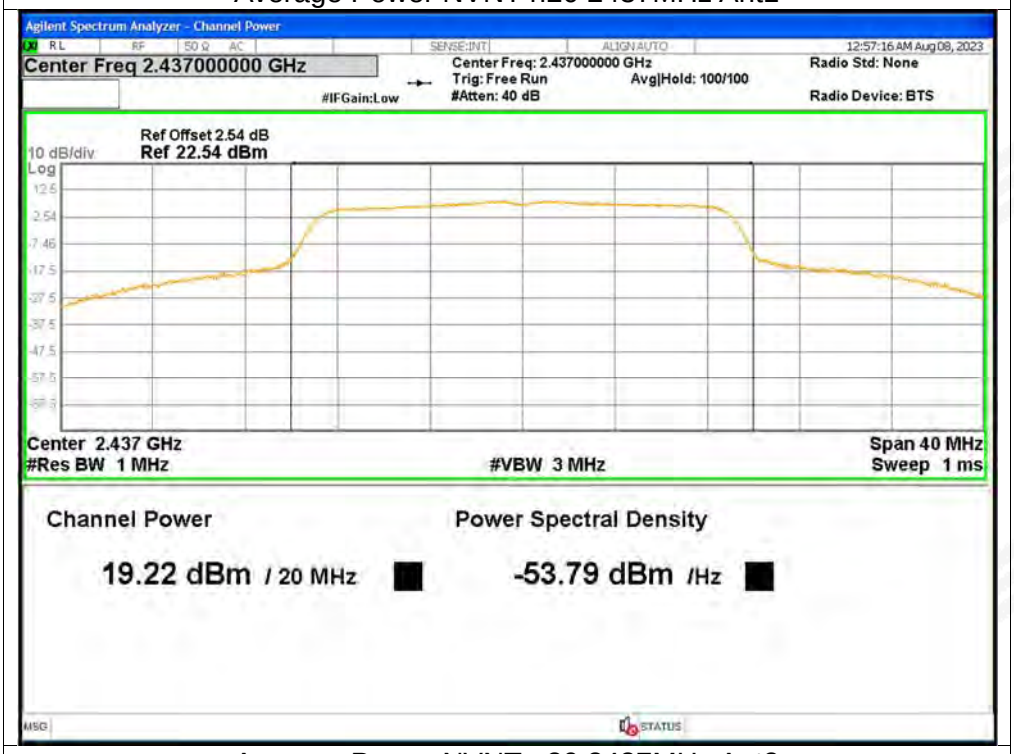
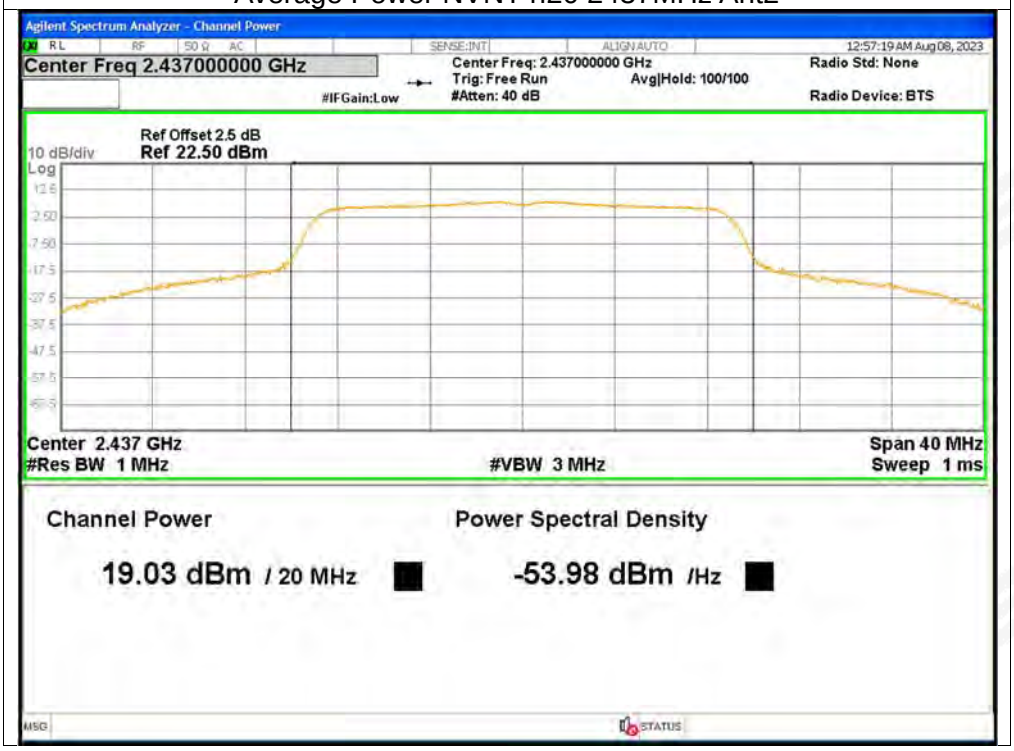
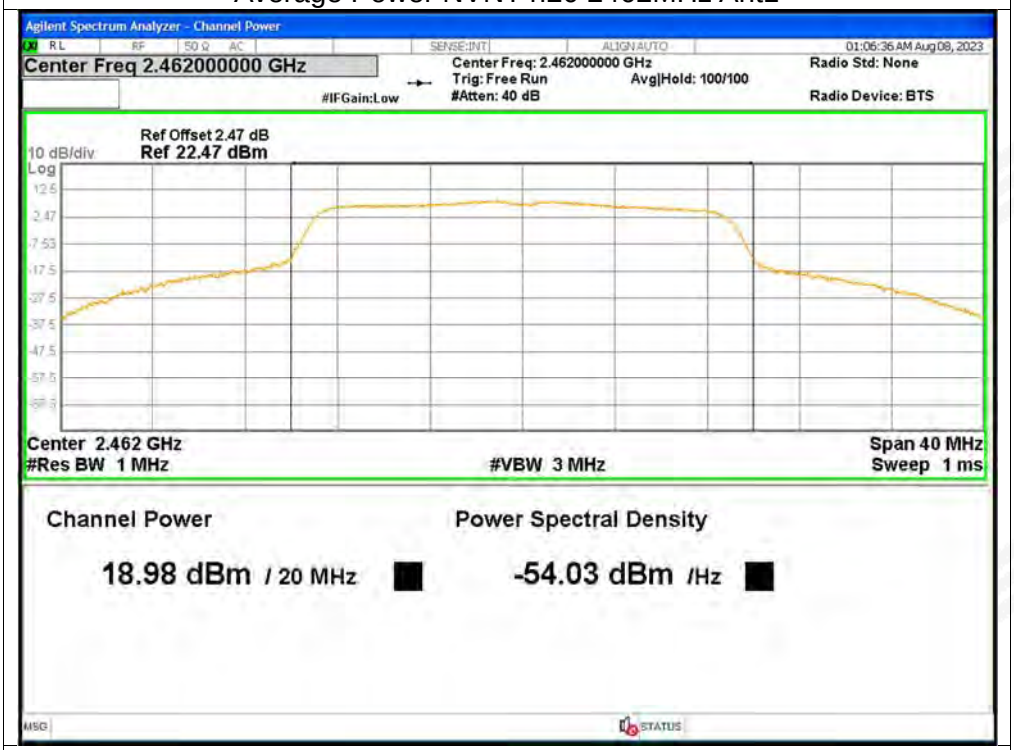


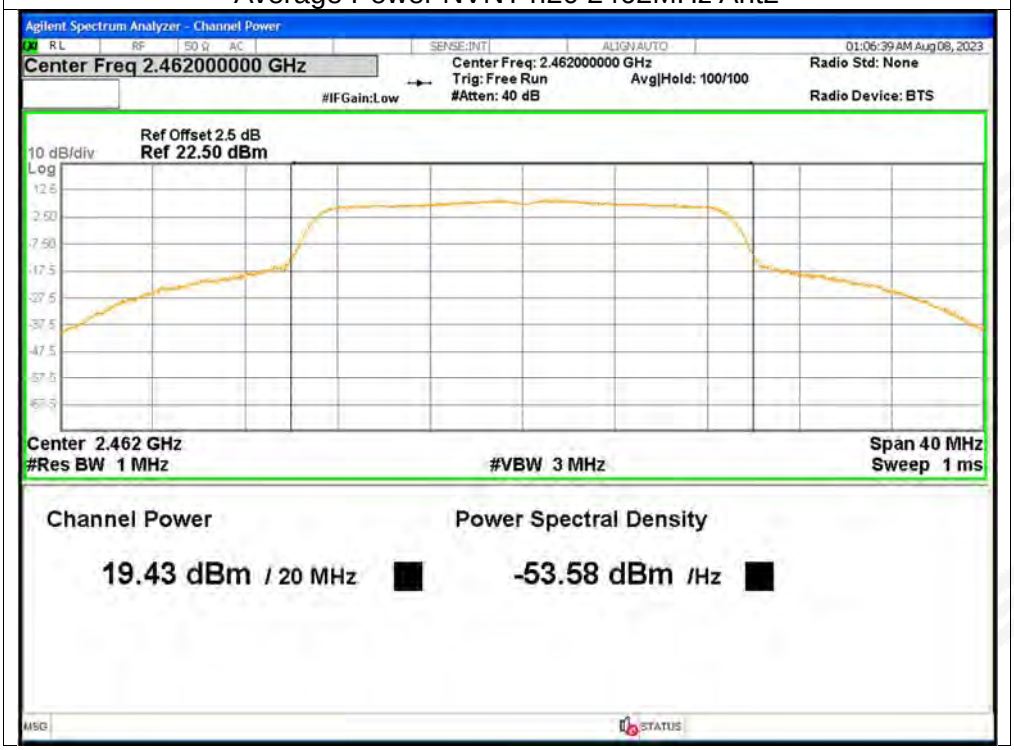
Average Power NVNT n20 2437MHz Ant2



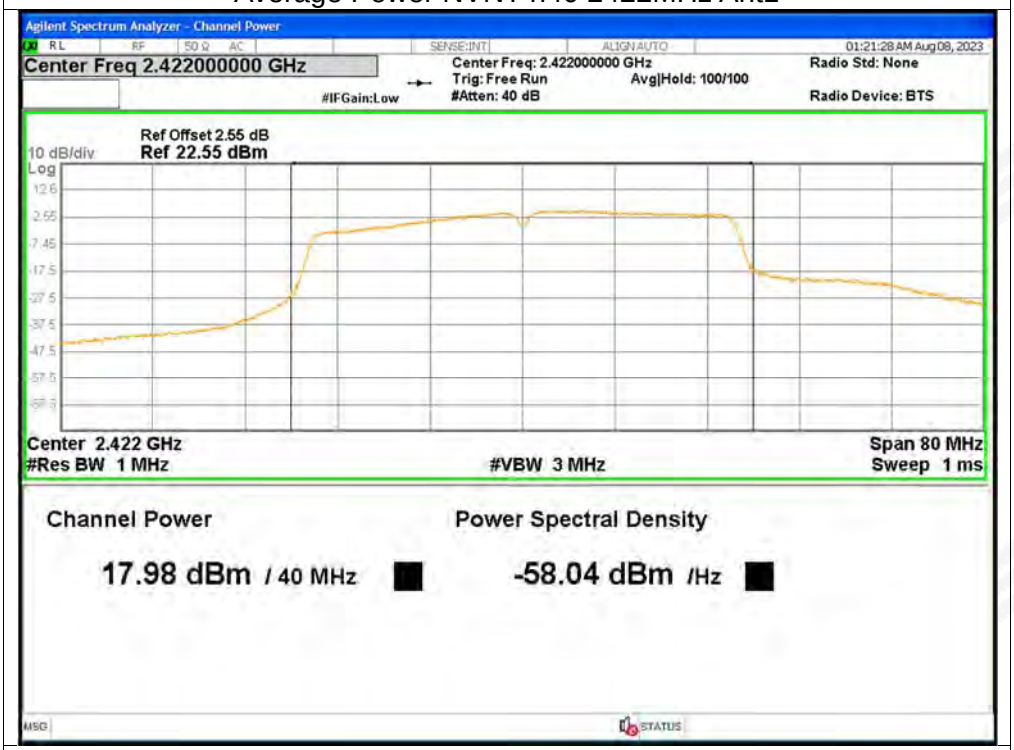
Average Power NVNT n20 2462MHz Ant1



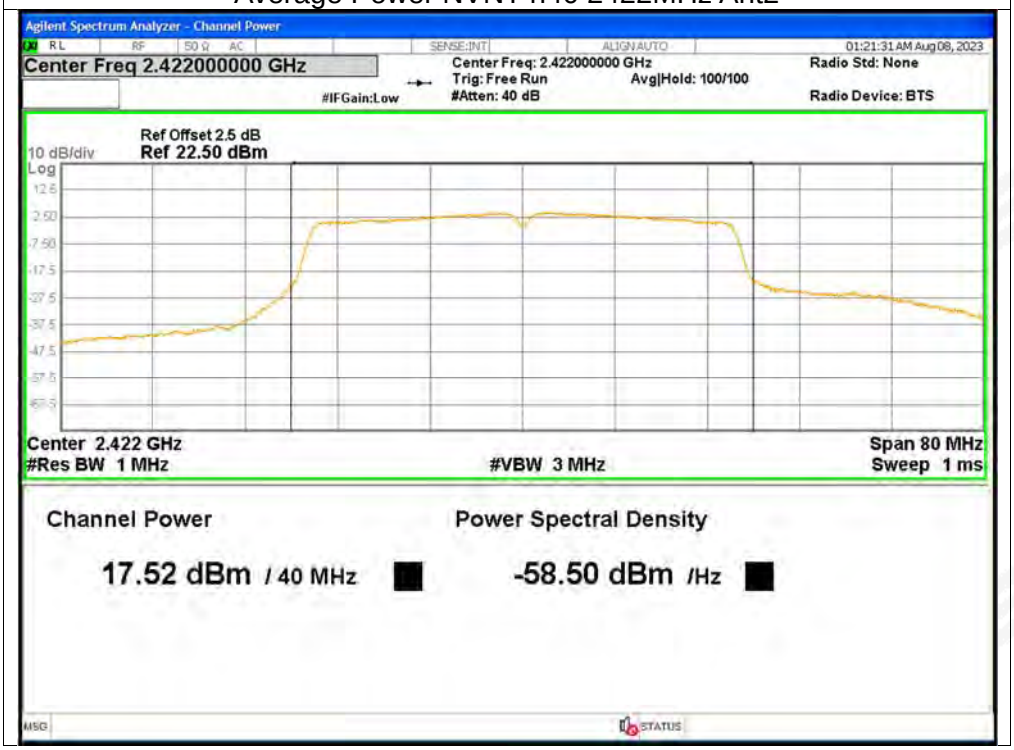
Average Power NVNT n20 2462MHz Ant2



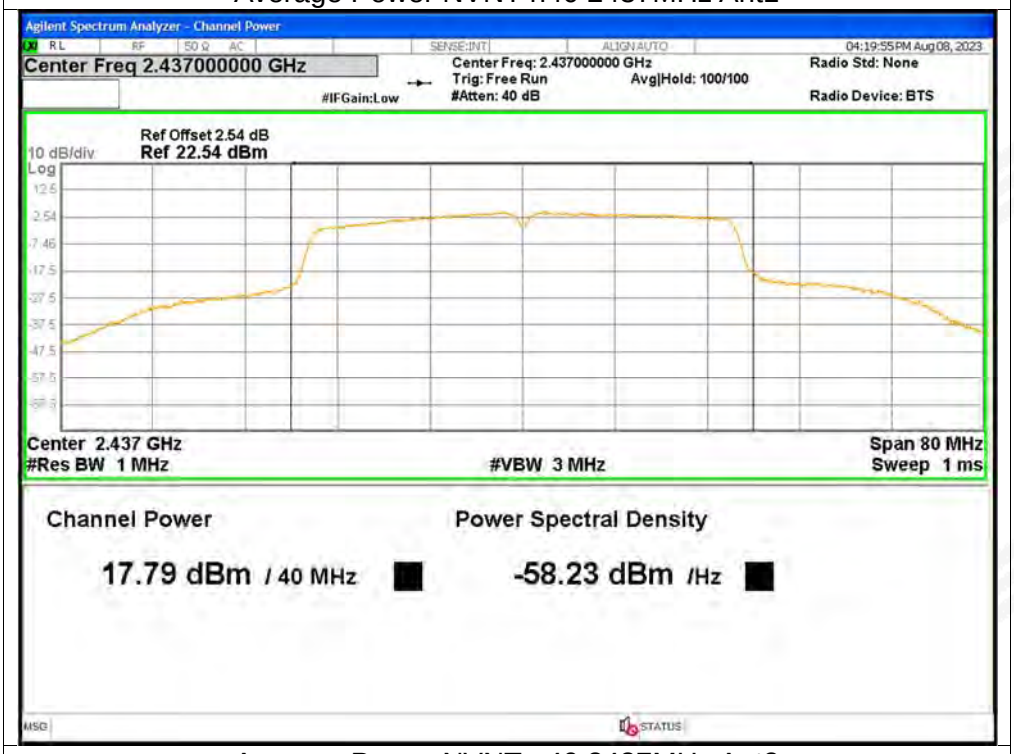
Average Power NVNT n40 2422MHz Ant1



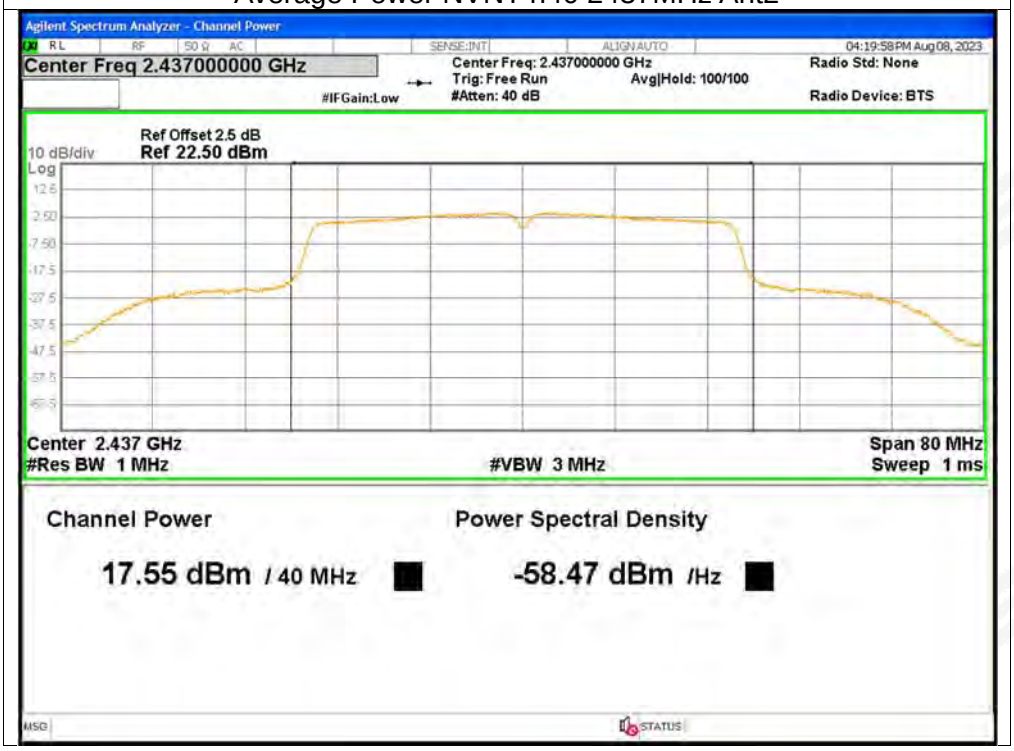
Average Power NVNT n40 2422MHz Ant2



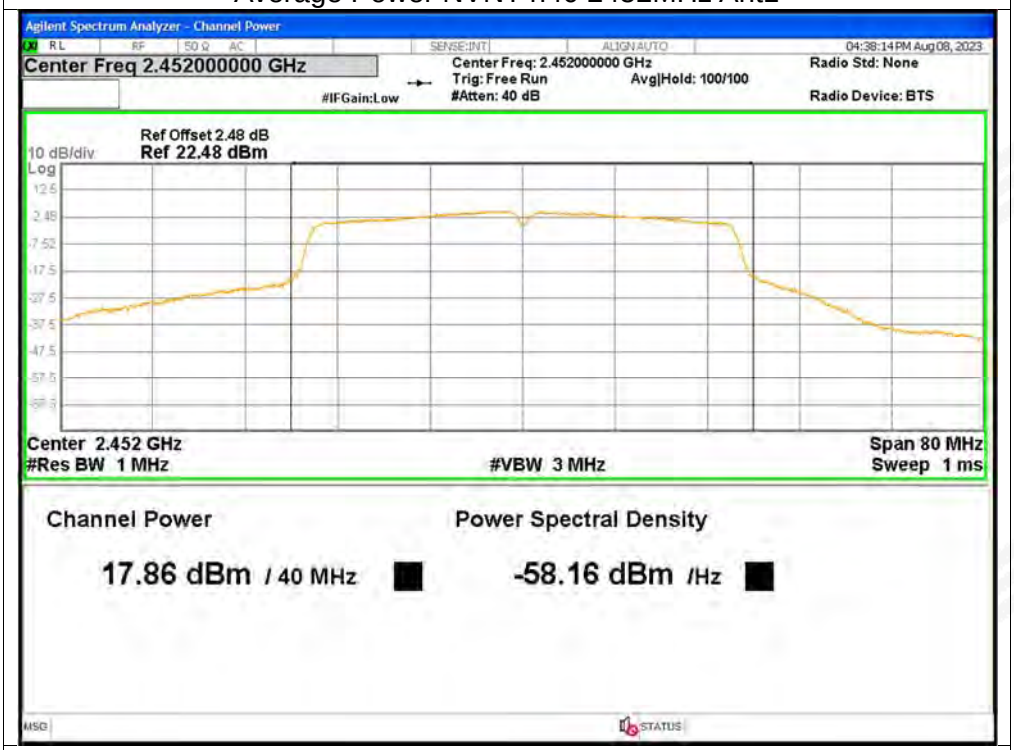
Average Power NVNT n40 2437MHz Ant1



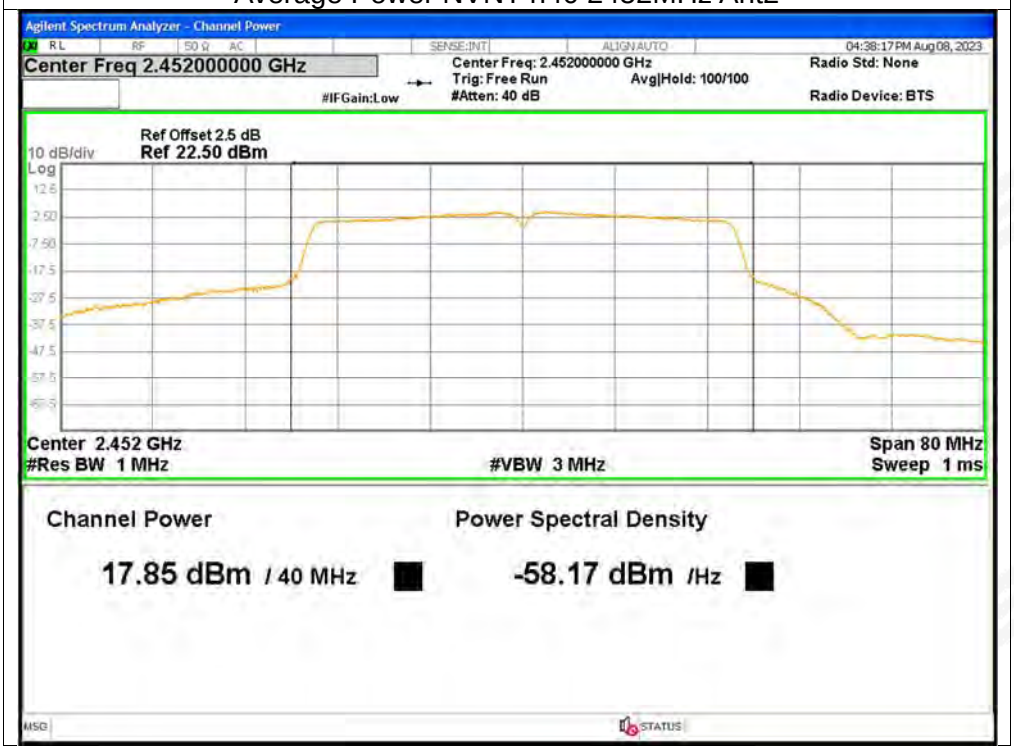
Average Power NVNT n40 2437MHz Ant2



Average Power NVNT n40 2452MHz Ant1



Average Power NVNT n40 2452MHz Ant2



3. Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	25.78	<=30	Pass
NVNT	b	2437	Ant1	25.59	<=30	Pass
NVNT	b	2462	Ant1	25.12	<=30	Pass
NVNT	b	2412	Ant2	24.79	<=30	Pass
NVNT	b	2437	Ant2	25.16	<=30	Pass
NVNT	b	2462	Ant2	25.43	<=30	Pass
NVNT	g	2412	Ant1	28.67	<=30	Pass
NVNT	g	2437	Ant1	28.69	<=30	Pass
NVNT	g	2462	Ant1	28.37	<=30	Pass
NVNT	g	2412	Ant2	27.44	<=30	Pass
NVNT	g	2437	Ant2	27.81	<=30	Pass
NVNT	g	2462	Ant2	28.07	<=30	Pass
NVNT	ac20	2412	Ant1	25.99	<=30	Pass
NVNT	ac20	2412	Ant2	26.75	<=30	Pass
NVNT	ac20	2412	Sum	29.4	<=30	Pass
NVNT	ac20	2437	Ant1	25.49	<=30	Pass
NVNT	ac20	2437	Ant2	25.71	<=30	Pass
NVNT	ac20	2437	Sum	28.61	<=30	Pass
NVNT	ac20	2462	Ant1	25.71	<=30	Pass
NVNT	ac20	2462	Ant2	25.77	<=30	Pass
NVNT	ac20	2462	Sum	28.75	<=30	Pass
NVNT	ac40	2422	Ant1	24.87	<=30	Pass
NVNT	ac40	2422	Ant2	25.57	<=30	Pass
NVNT	ac40	2422	Sum	28.24	<=30	Pass
NVNT	ac40	2437	Ant1	25.57	<=30	Pass
NVNT	ac40	2437	Ant2	25.65	<=30	Pass
NVNT	ac40	2437	Sum	28.62	<=30	Pass
NVNT	ac40	2452	Ant1	25.65	<=30	Pass
NVNT	ac40	2452	Ant2	25.83	<=30	Pass
NVNT	ac40	2452	Sum	28.75	<=30	Pass
NVNT	ax20	2412	Ant1	26.84	<=30	Pass
NVNT	ax20	2412	Ant2	26.33	<=30	Pass
NVNT	ax20	2412	Sum	29.6	<=30	Pass
NVNT	ax20	2437	Ant1	26.72	<=30	Pass
NVNT	ax20	2437	Ant2	26.8	<=30	Pass
NVNT	ax20	2437	Sum	29.77	<=30	Pass
NVNT	ax20	2462	Ant1	26.49	<=30	Pass
NVNT	ax20	2462	Ant2	26.98	<=30	Pass
NVNT	ax20	2462	Sum	29.75	<=30	Pass
NVNT	ax40	2422	Ant1	26.74	<=30	Pass
NVNT	ax40	2422	Ant2	26.31	<=30	Pass
NVNT	ax40	2422	Sum	29.54	<=30	Pass
NVNT	ax40	2437	Ant1	26.76	<=30	Pass
NVNT	ax40	2437	Ant2	26.66	<=30	Pass
NVNT	ax40	2437	Sum	29.72	<=30	Pass
NVNT	ax40	2452	Ant1	26.78	<=30	Pass
NVNT	ax40	2452	Ant2	26.84	<=30	Pass
NVNT	ax40	2452	Sum	29.82	<=30	Pass
NVNT	n20	2412	Ant1	26.67	<=30	Pass
NVNT	n20	2412	Ant2	26.22	<=30	Pass
NVNT	n20	2412	Sum	29.46	<=30	Pass
NVNT	n20	2437	Ant1	26.64	<=30	Pass
NVNT	n20	2437	Ant2	26.65	<=30	Pass

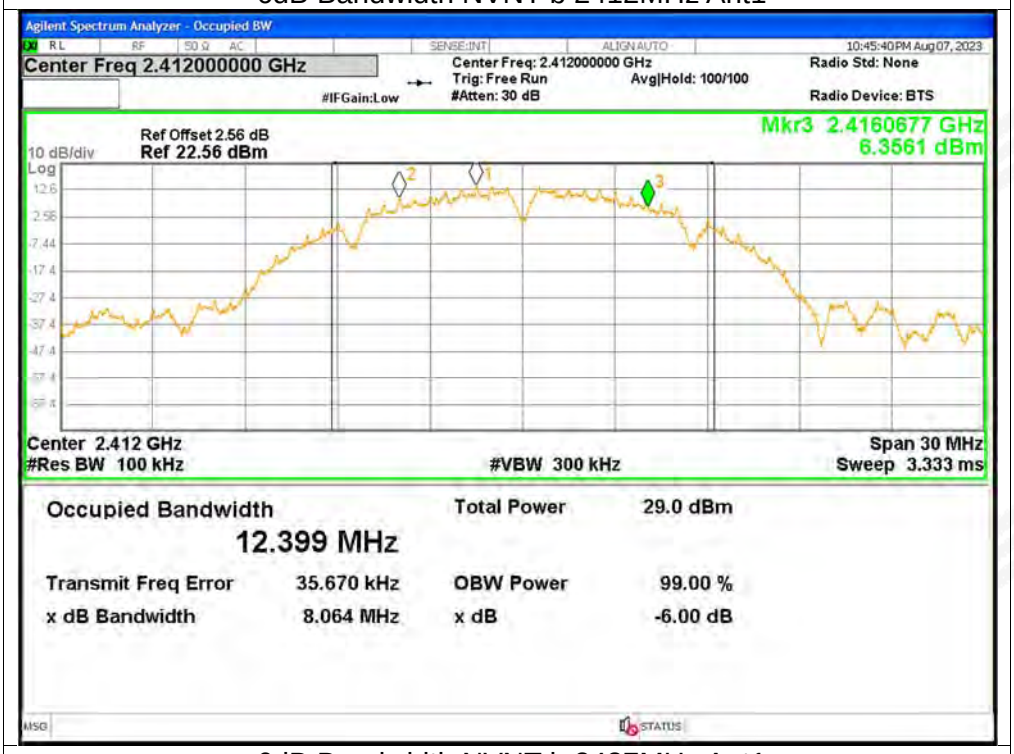
NVNT	n20	2437	Sum	29.66	<=30	Pass
NVNT	n20	2462	Ant1	26.32	<=30	Pass
NVNT	n20	2462	Ant2	27.06	<=30	Pass
NVNT	n20	2462	Sum	29.72	<=30	Pass
NVNT	n40	2422	Ant1	26.54	<=30	Pass
NVNT	n40	2422	Ant2	26.52	<=30	Pass
NVNT	n40	2422	Sum	29.54	<=30	Pass
NVNT	n40	2437	Ant1	25.41	<=30	Pass
NVNT	n40	2437	Ant2	25.45	<=30	Pass
NVNT	n40	2437	Sum	28.44	<=30	Pass
NVNT	n40	2452	Ant1	25.41	<=30	Pass
NVNT	n40	2452	Ant2	25.69	<=30	Pass
NVNT	n40	2452	Sum	28.56	<=30	Pass

4. -6dB Bandwidth

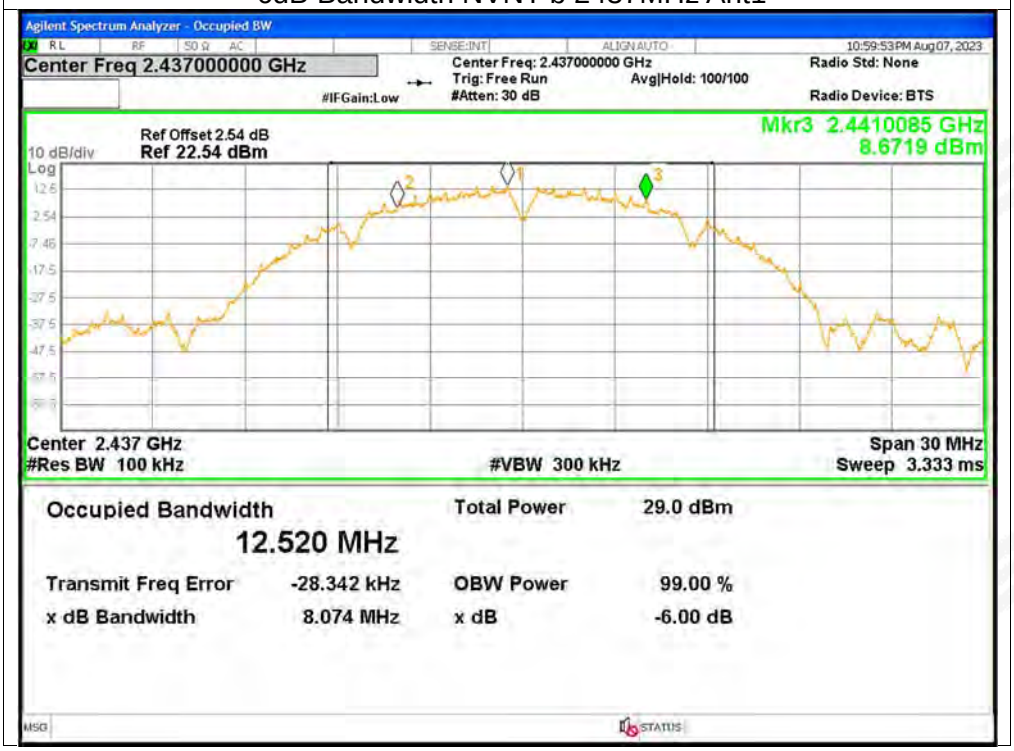
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.064	>=0.5	Pass
NVNT	b	2437	Ant1	8.0736	>=0.5	Pass
NVNT	b	2462	Ant1	8.0571	>=0.5	Pass
NVNT	b	2412	Ant2	6.0842	>=0.5	Pass
NVNT	b	2437	Ant2	8.0294	>=0.5	Pass
NVNT	b	2462	Ant2	8.0808	>=0.5	Pass
NVNT	g	2412	Ant1	13.1977	>=0.5	Pass
NVNT	g	2437	Ant1	15.8195	>=0.5	Pass
NVNT	g	2462	Ant1	15.0621	>=0.5	Pass
NVNT	g	2412	Ant2	16.2911	>=0.5	Pass
NVNT	g	2437	Ant2	16.3127	>=0.5	Pass
NVNT	g	2462	Ant2	16.3352	>=0.5	Pass
NVNT	ac20	2412	Ant1	16.3353	>=0.5	Pass
NVNT	ac20	2412	Ant2	17.5697	>=0.5	Pass
NVNT	ac20	2437	Ant1	16.0325	>=0.5	Pass
NVNT	ac20	2437	Ant2	16.9162	>=0.5	Pass
NVNT	ac20	2462	Ant1	15.6385	>=0.5	Pass
NVNT	ac20	2462	Ant2	16.2996	>=0.5	Pass
NVNT	ac40	2422	Ant1	34.1338	>=0.5	Pass
NVNT	ac40	2422	Ant2	35.1072	>=0.5	Pass
NVNT	ac40	2437	Ant1	33.8387	>=0.5	Pass
NVNT	ac40	2437	Ant2	33.8209	>=0.5	Pass
NVNT	ac40	2452	Ant1	35.0883	>=0.5	Pass
NVNT	ac40	2452	Ant2	35.1085	>=0.5	Pass
NVNT	ax20	2412	Ant1	15.7254	>=0.5	Pass
NVNT	ax20	2412	Ant2	17.9975	>=0.5	Pass
NVNT	ax20	2437	Ant1	18.337	>=0.5	Pass
NVNT	ax20	2437	Ant2	16.3624	>=0.5	Pass
NVNT	ax20	2462	Ant1	16.2753	>=0.5	Pass
NVNT	ax20	2462	Ant2	17.7934	>=0.5	Pass
NVNT	ax40	2422	Ant1	27.6762	>=0.5	Pass
NVNT	ax40	2422	Ant2	35.815	>=0.5	Pass
NVNT	ax40	2437	Ant1	35.0482	>=0.5	Pass
NVNT	ax40	2437	Ant2	35.0219	>=0.5	Pass
NVNT	ax40	2452	Ant1	35.8271	>=0.5	Pass
NVNT	ax40	2452	Ant2	33.833	>=0.5	Pass
NVNT	n20	2412	Ant1	17.6773	>=0.5	Pass
NVNT	n20	2412	Ant2	17.5983	>=0.5	Pass
NVNT	n20	2437	Ant1	17.5526	>=0.5	Pass
NVNT	n20	2437	Ant2	15.2666	>=0.5	Pass
NVNT	n20	2462	Ant1	15.7058	>=0.5	Pass
NVNT	n20	2462	Ant2	16.3264	>=0.5	Pass
NVNT	n40	2422	Ant1	35.1066	>=0.5	Pass
NVNT	n40	2422	Ant2	36.3655	>=0.5	Pass
NVNT	n40	2437	Ant1	33.8022	>=0.5	Pass
NVNT	n40	2437	Ant2	35.1069	>=0.5	Pass
NVNT	n40	2452	Ant1	33.7951	>=0.5	Pass
NVNT	n40	2452	Ant2	35.0869	>=0.5	Pass

Test Graphs

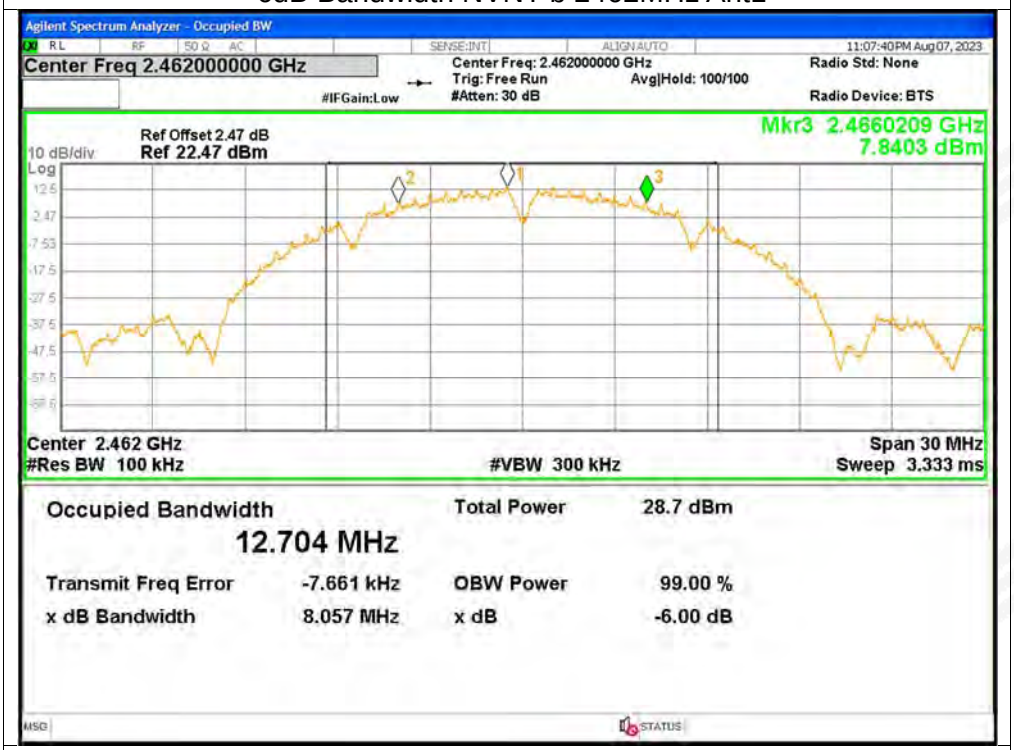
-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



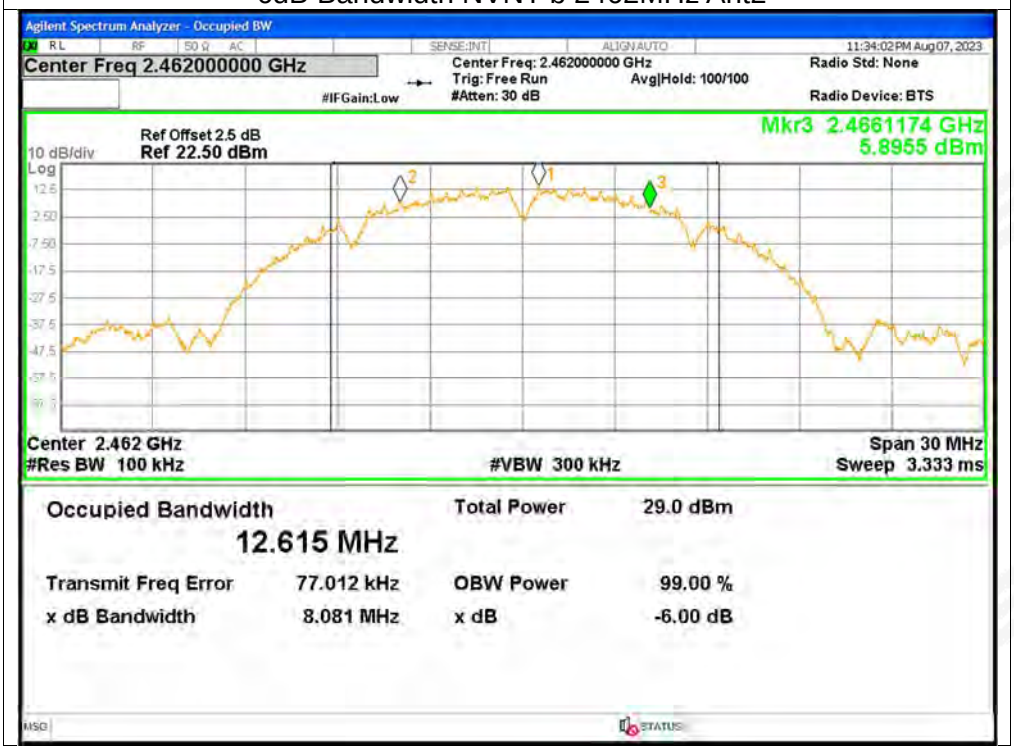
-6dB Bandwidth NVNT b 2462MHz Ant1



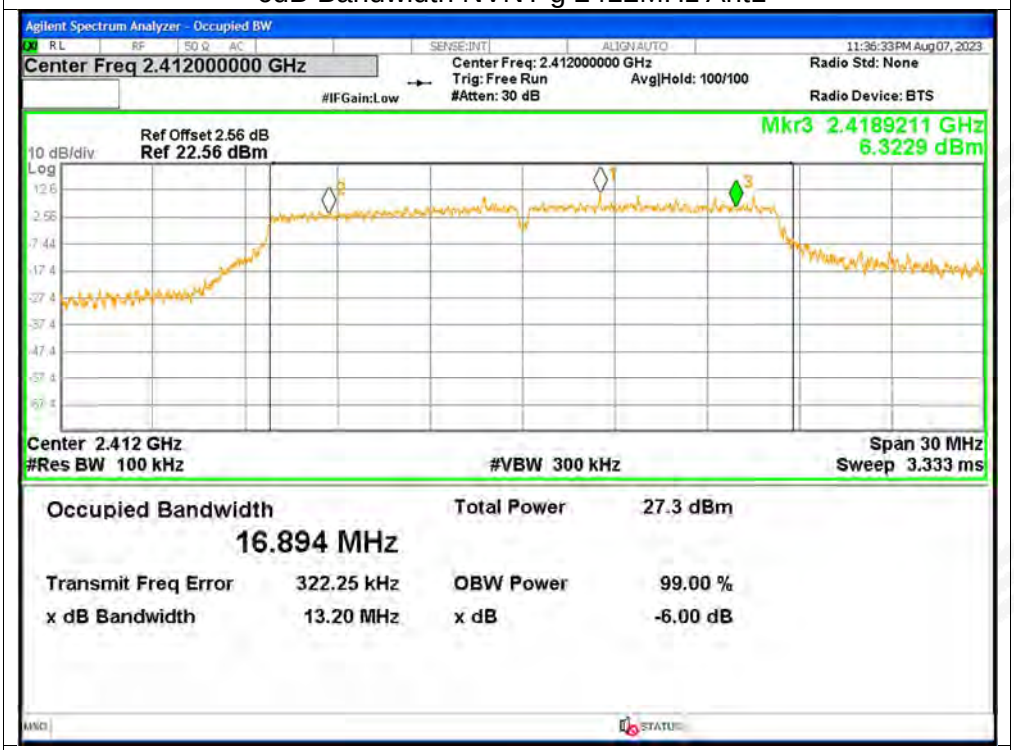
-6dB Bandwidth NVNT b 2412MHz Ant2

-6dB Bandwidth NVNT b 2437MHz Ant2

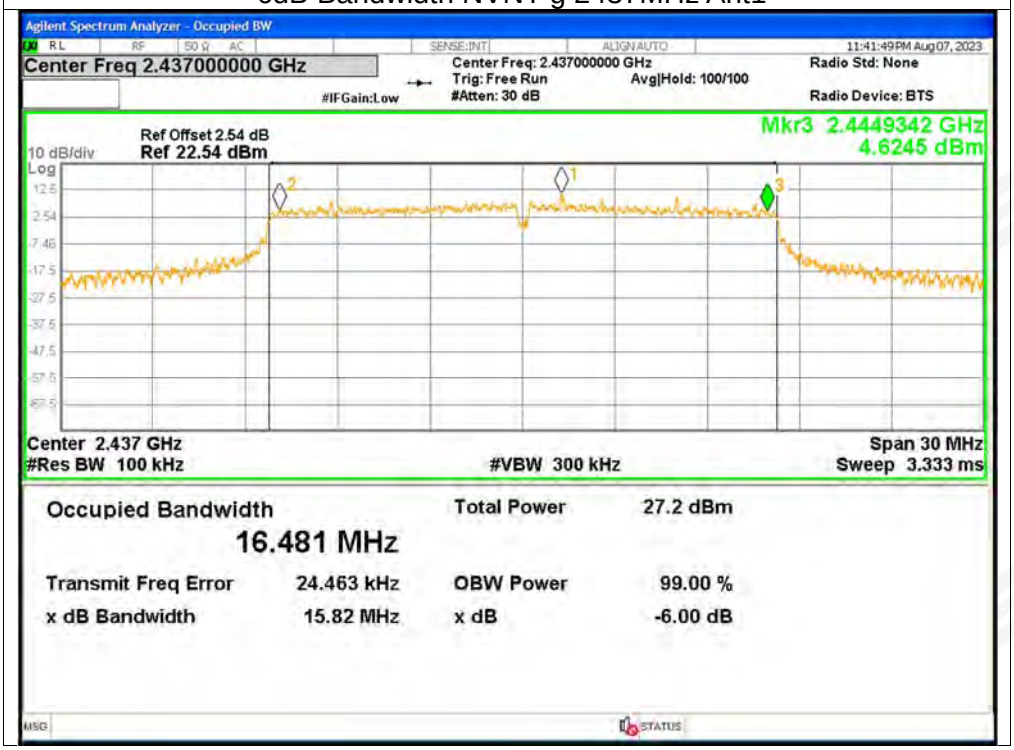
-6dB Bandwidth NVNT b 2462MHz Ant2



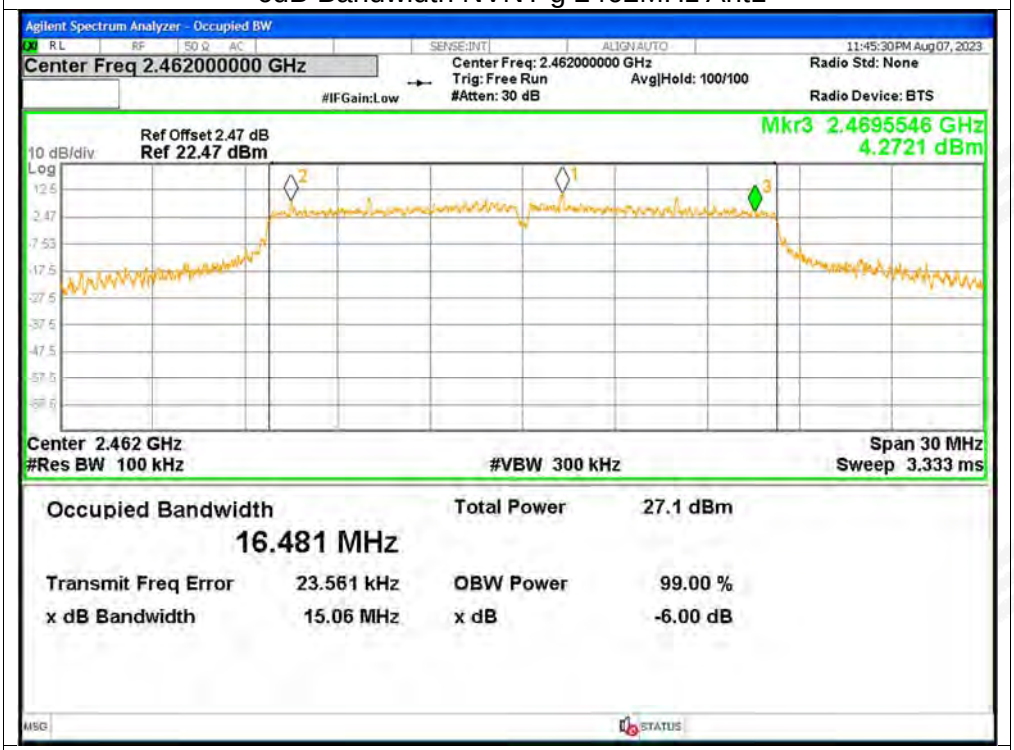
-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1

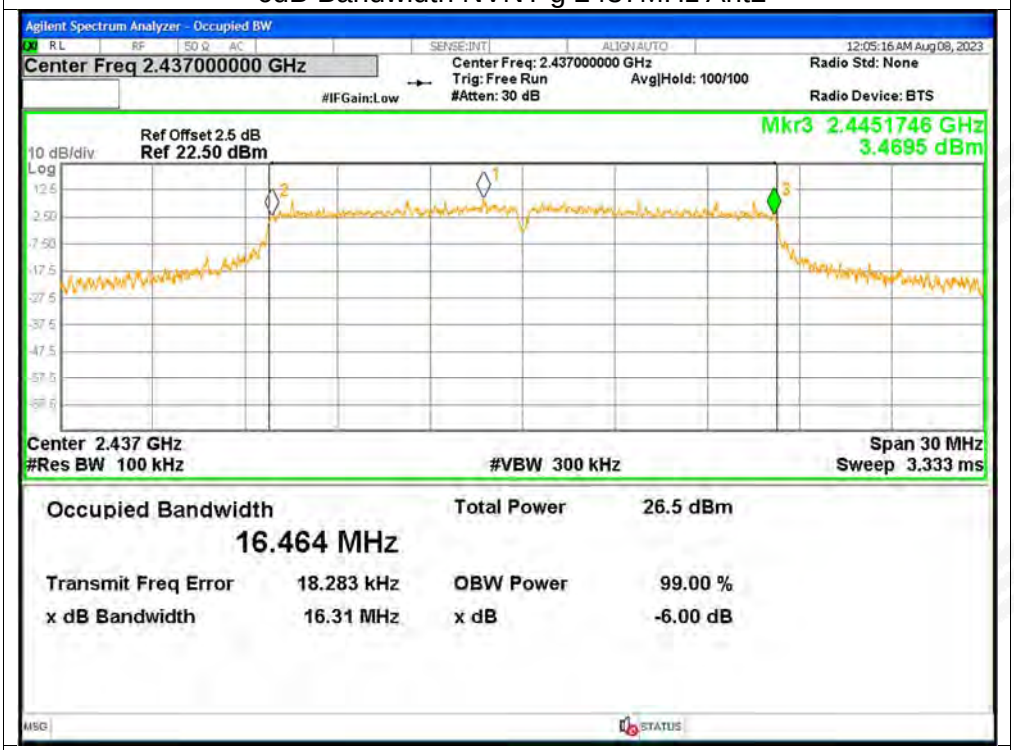


-6dB Bandwidth NVNT g 2462MHz Ant1

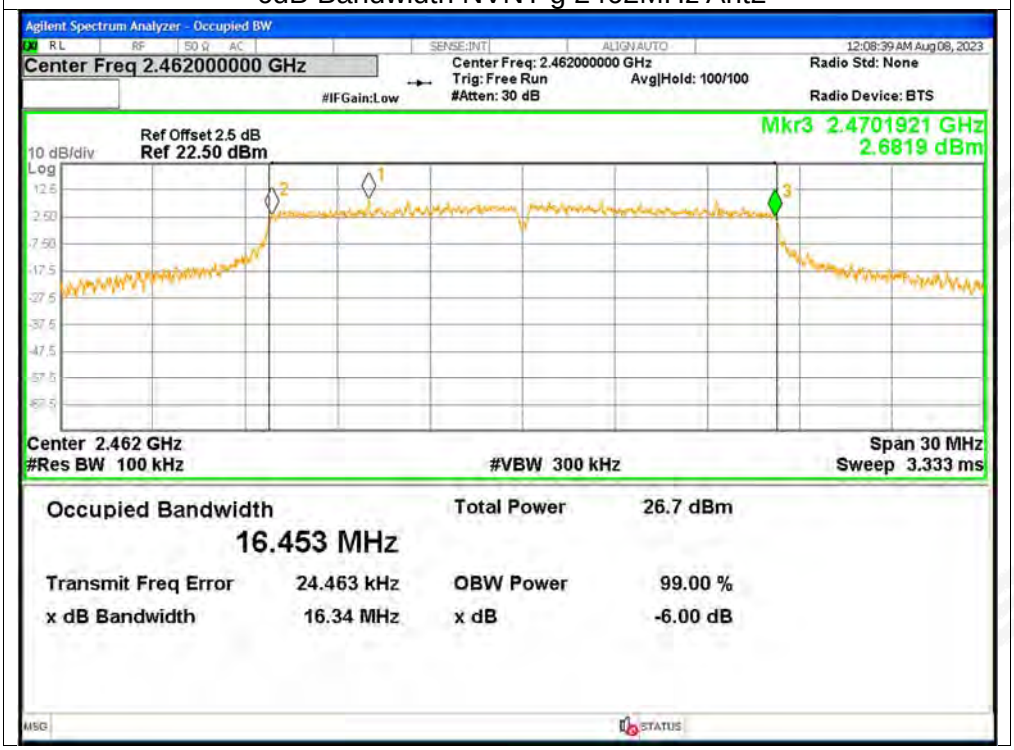


-6dB Bandwidth NVNT g 2412MHz Ant2

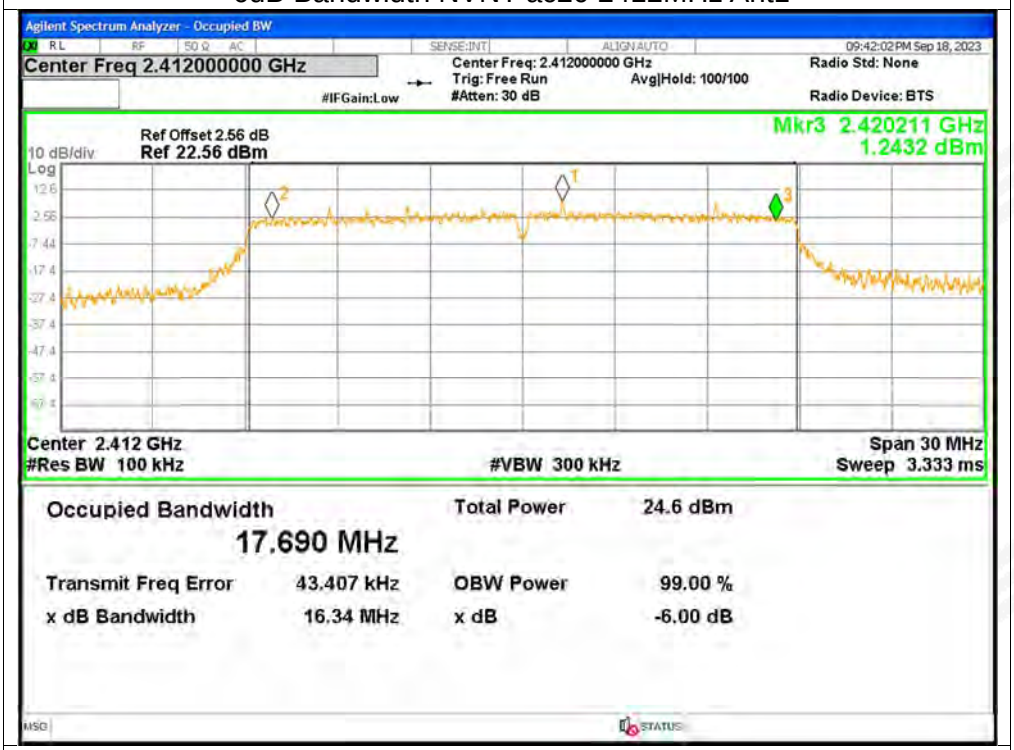
-6dB Bandwidth NVNT g 2437MHz Ant2



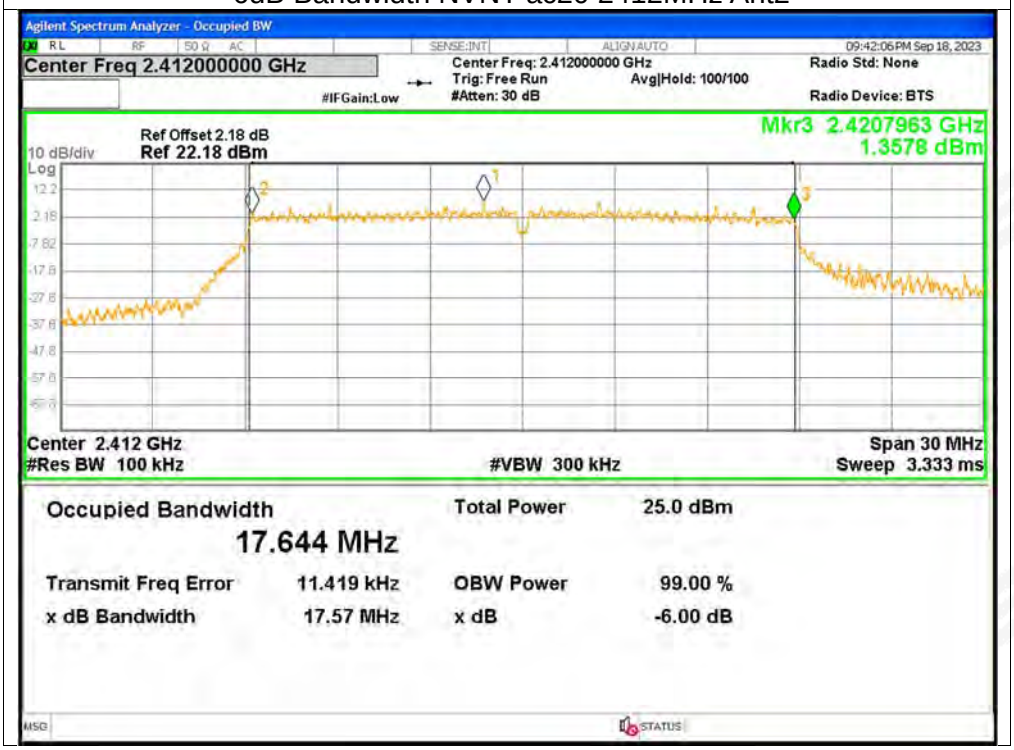
-6dB Bandwidth NVNT g 2462MHz Ant2



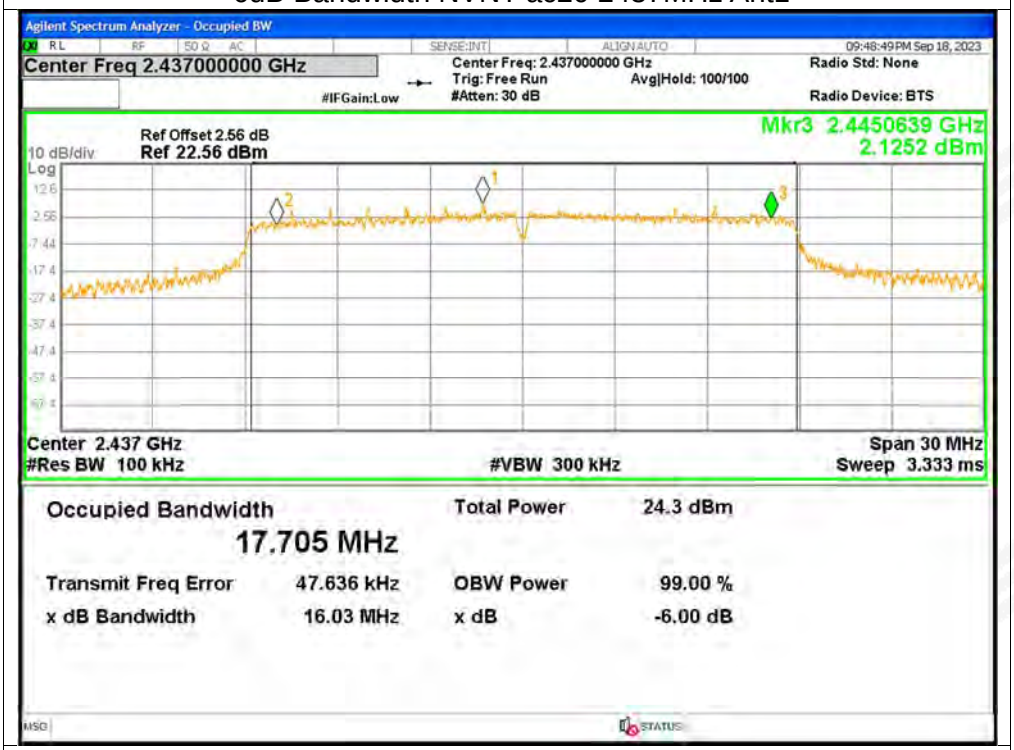
-6dB Bandwidth NVNT ac20 2412MHz Ant1



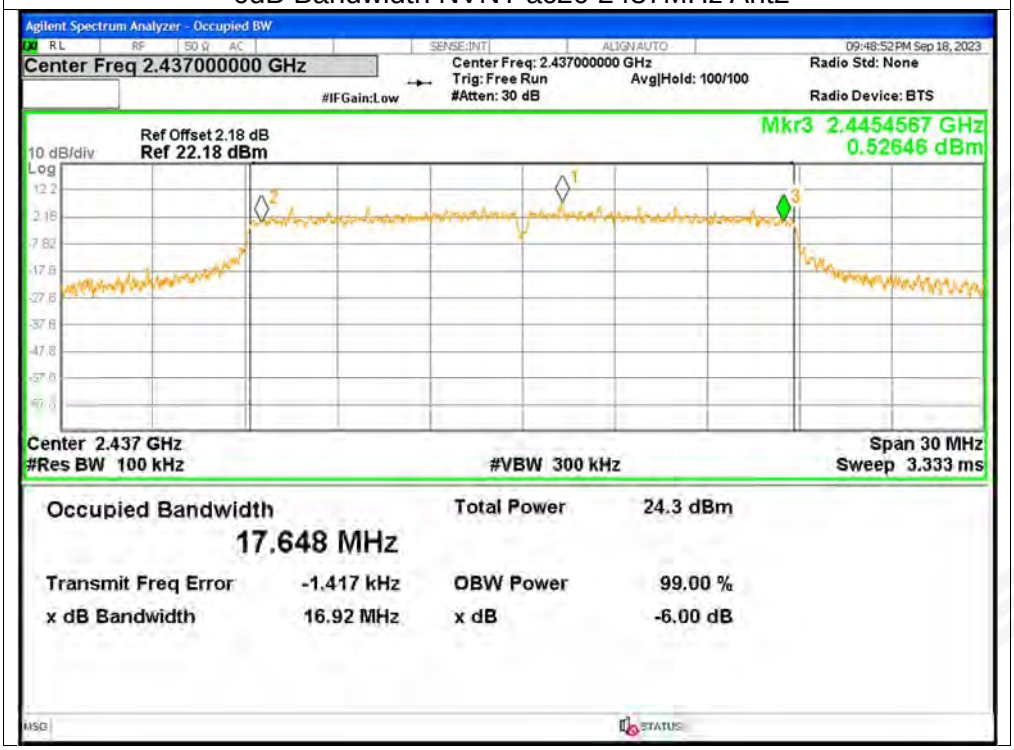
-6dB Bandwidth NVNT ac20 2412MHz Ant2



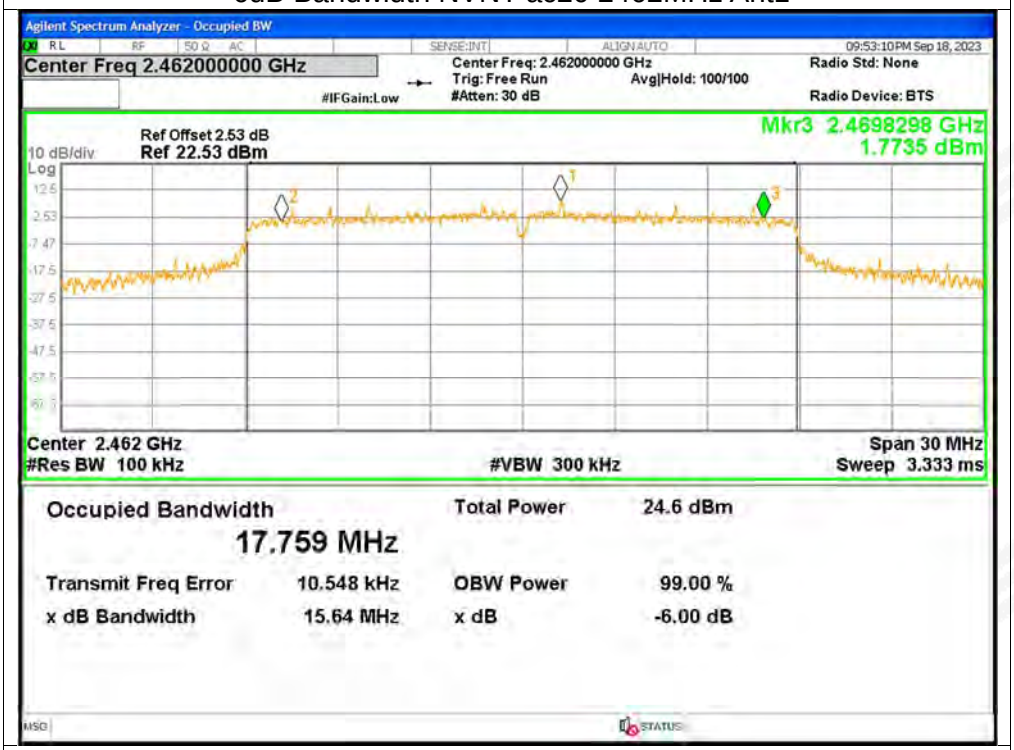
-6dB Bandwidth NVNT ac20 2437MHz Ant1



-6dB Bandwidth NVNT ac20 2437MHz Ant2

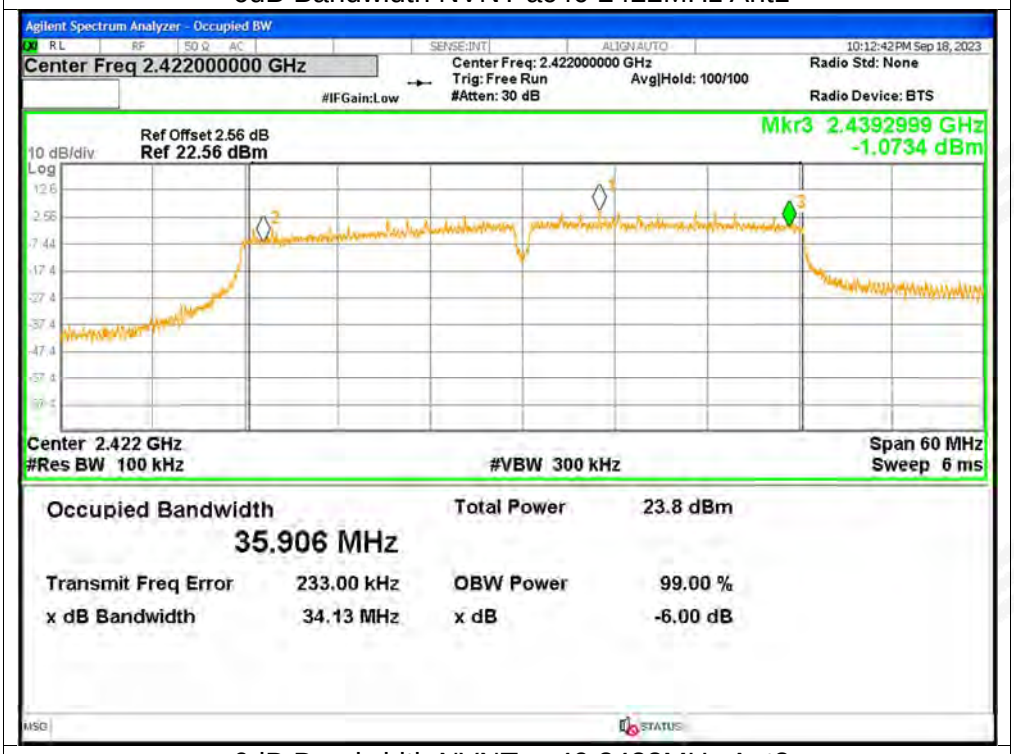


-6dB Bandwidth NVNT ac20 2462MHz Ant1



-6dB Bandwidth NVNT ac20 2462MHz Ant2

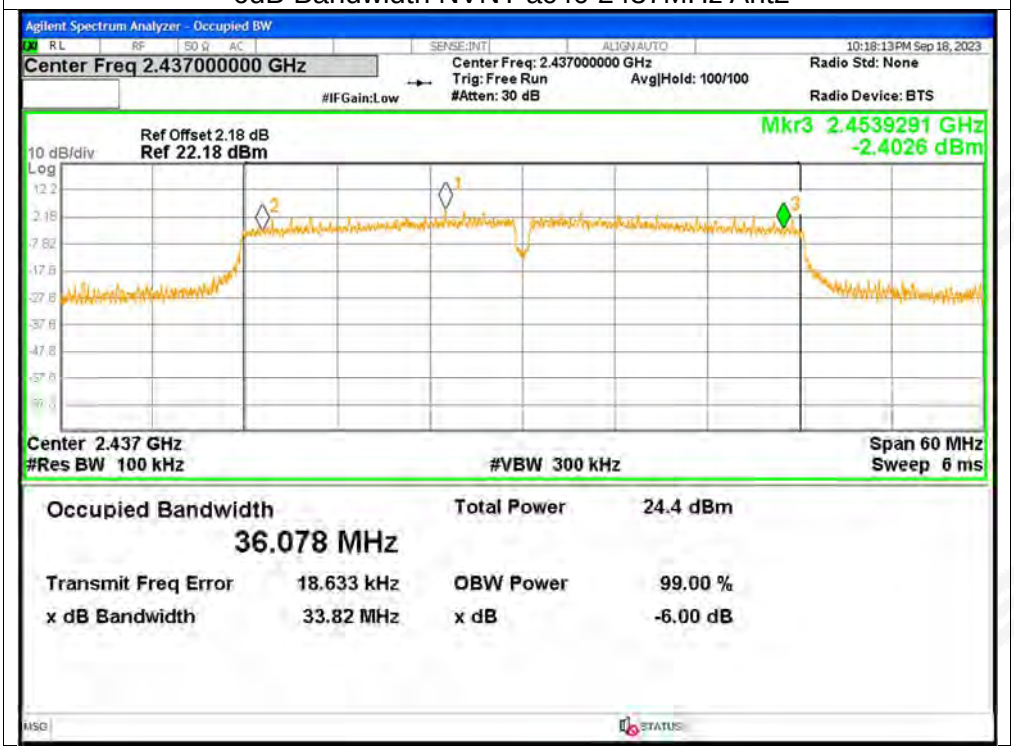
-6dB Bandwidth NVNT ac40 2422MHz Ant1



-6dB Bandwidth NVNT ac40 2422MHz Ant2

-6dB Bandwidth NVNT ac40 2437MHz Ant1

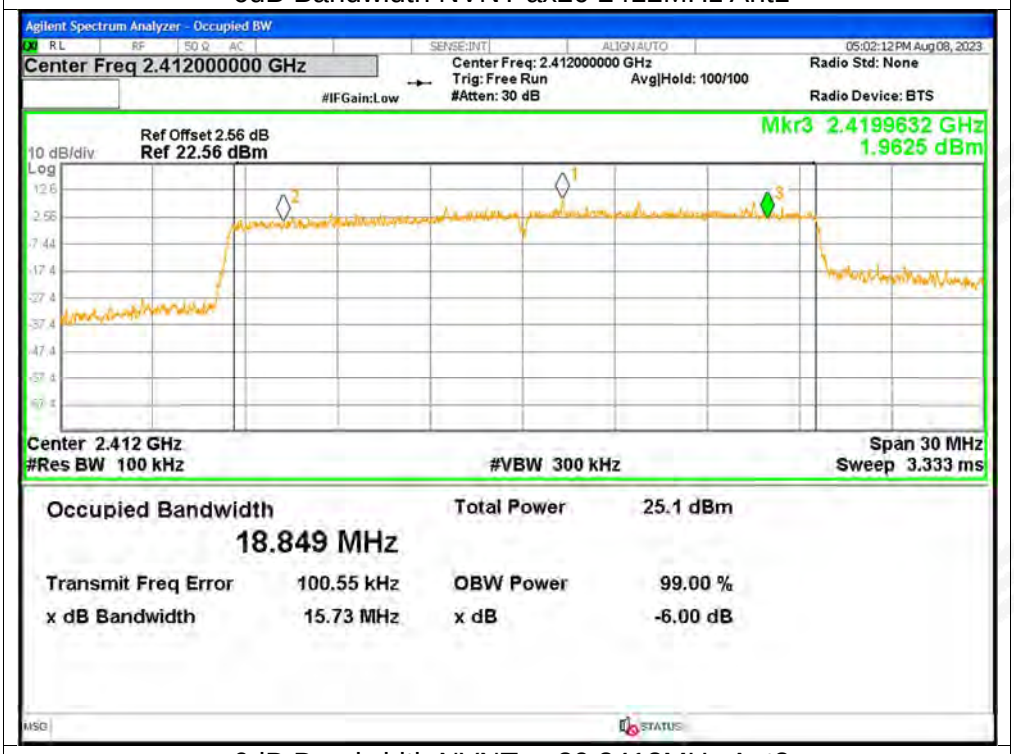
-6dB Bandwidth NVNT ac40 2437MHz Ant2



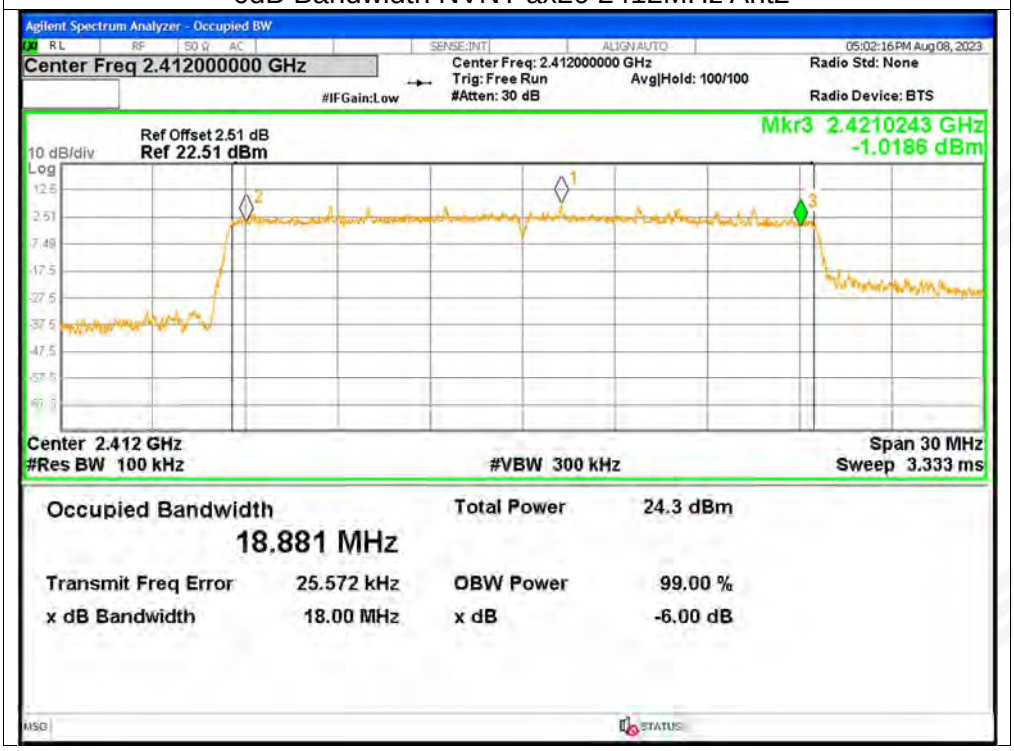
-6dB Bandwidth NVNT ac40 2452MHz Ant1

-6dB Bandwidth NVNT ac40 2452MHz Ant2

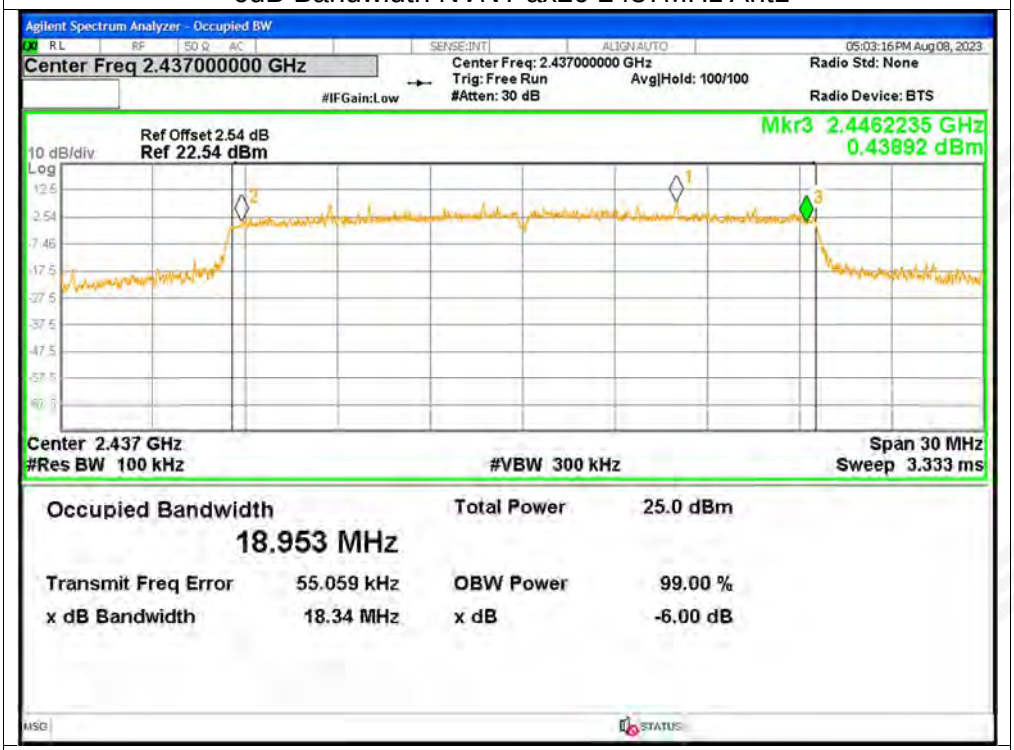
-6dB Bandwidth NVNT ax20 2412MHz Ant1



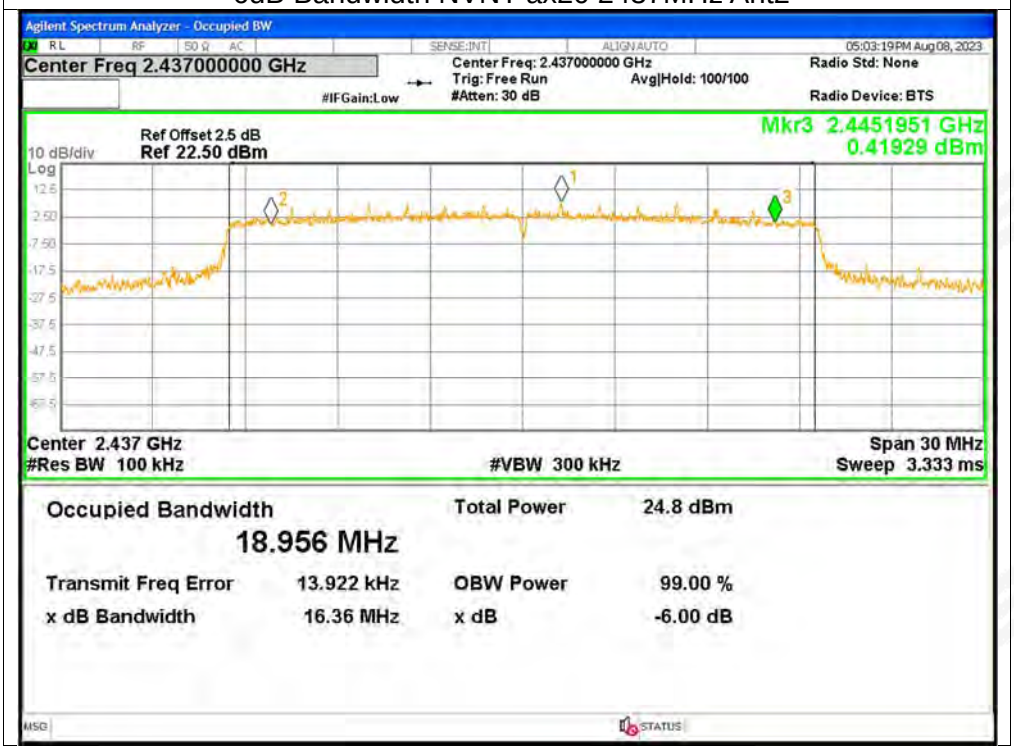
-6dB Bandwidth NVNT ax20 2412MHz Ant2



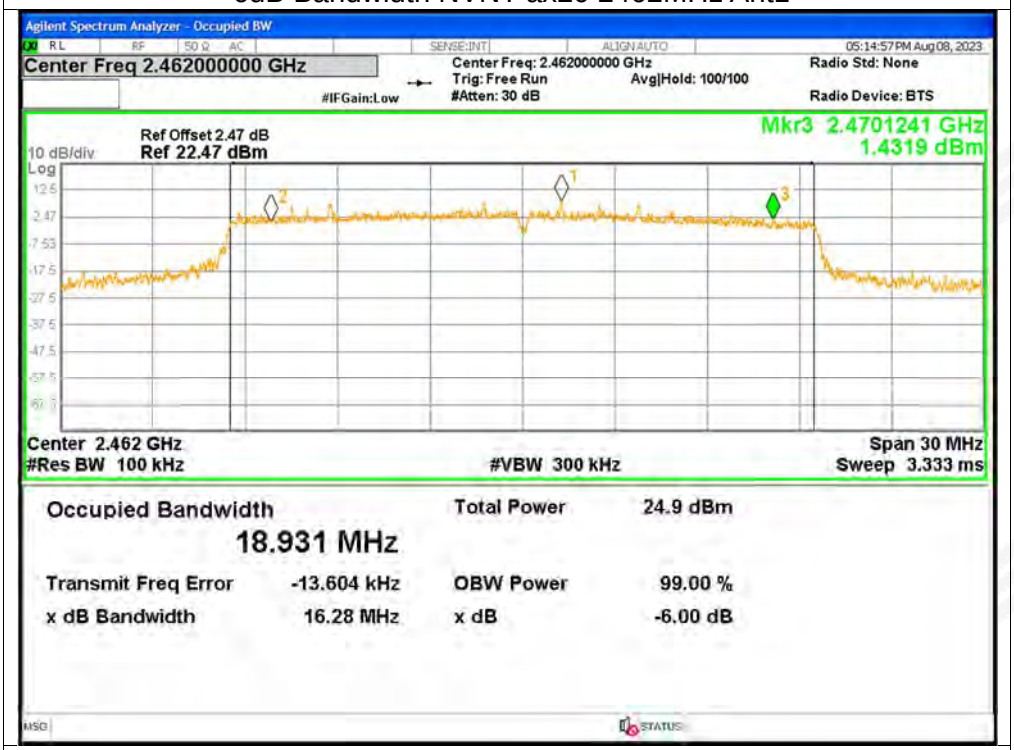
-6dB Bandwidth NVNT ax20 2437MHz Ant1



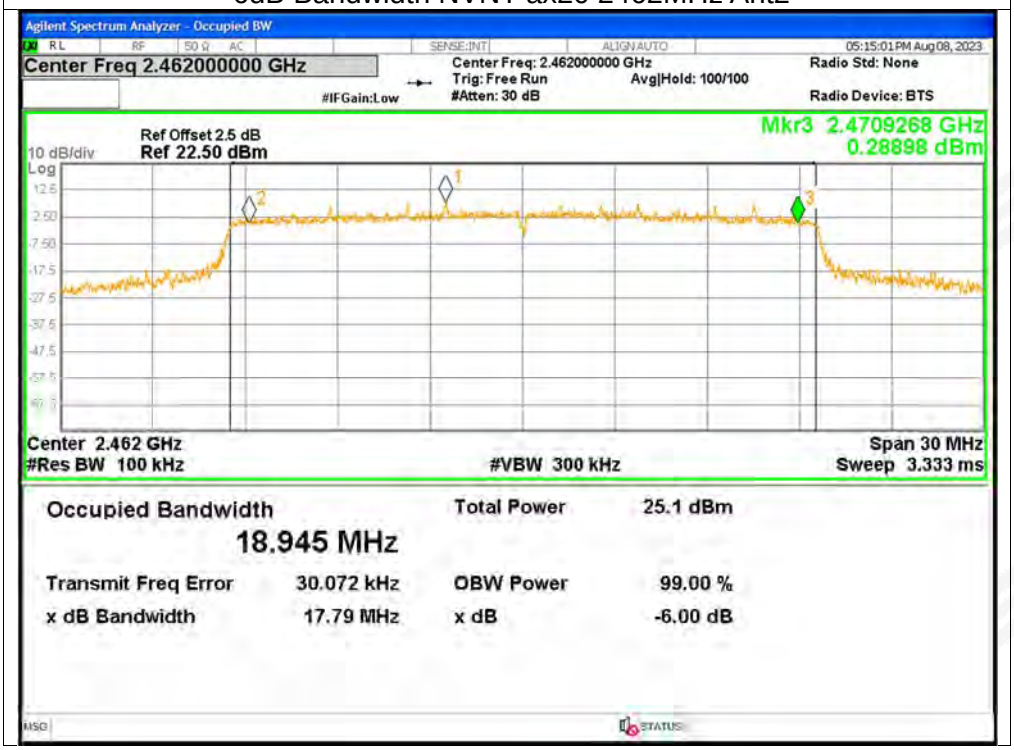
-6dB Bandwidth NVNT ax20 2437MHz Ant2



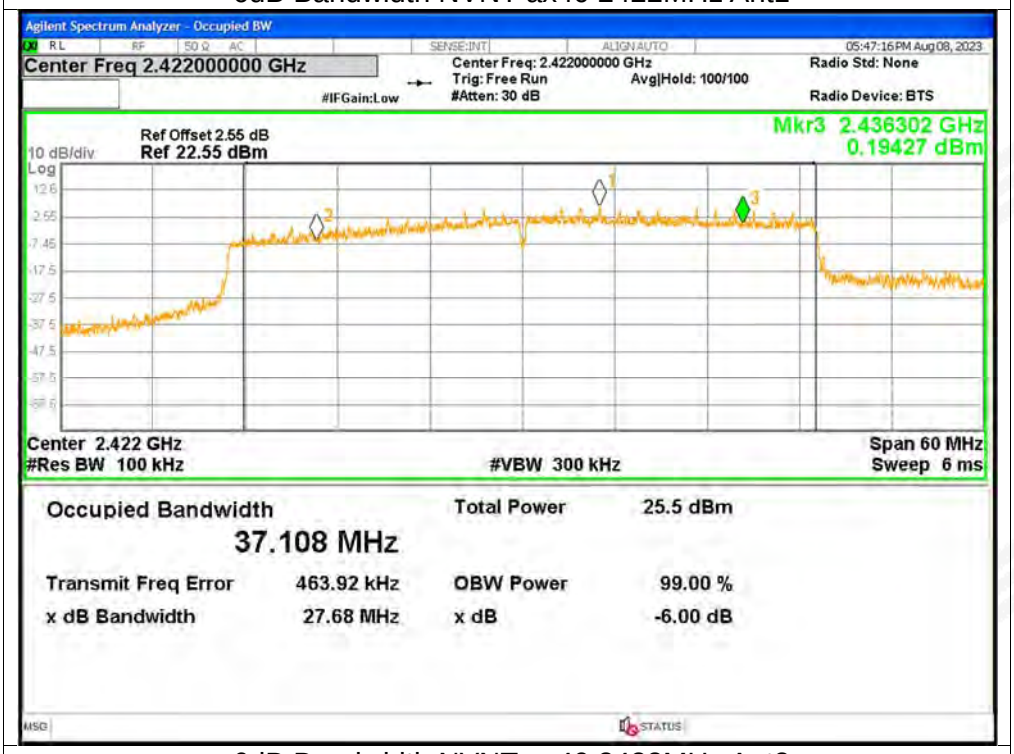
-6dB Bandwidth NVNT ax20 2462MHz Ant1



-6dB Bandwidth NVNT ax20 2462MHz Ant2

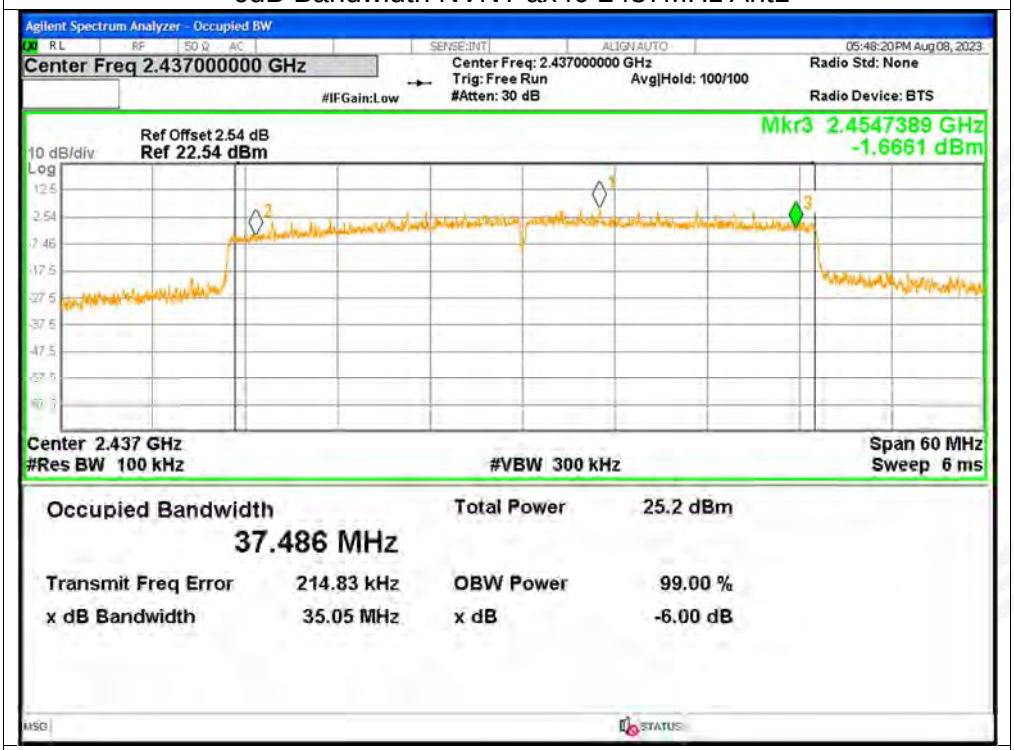


-6dB Bandwidth NVNT ax40 2422MHz Ant1

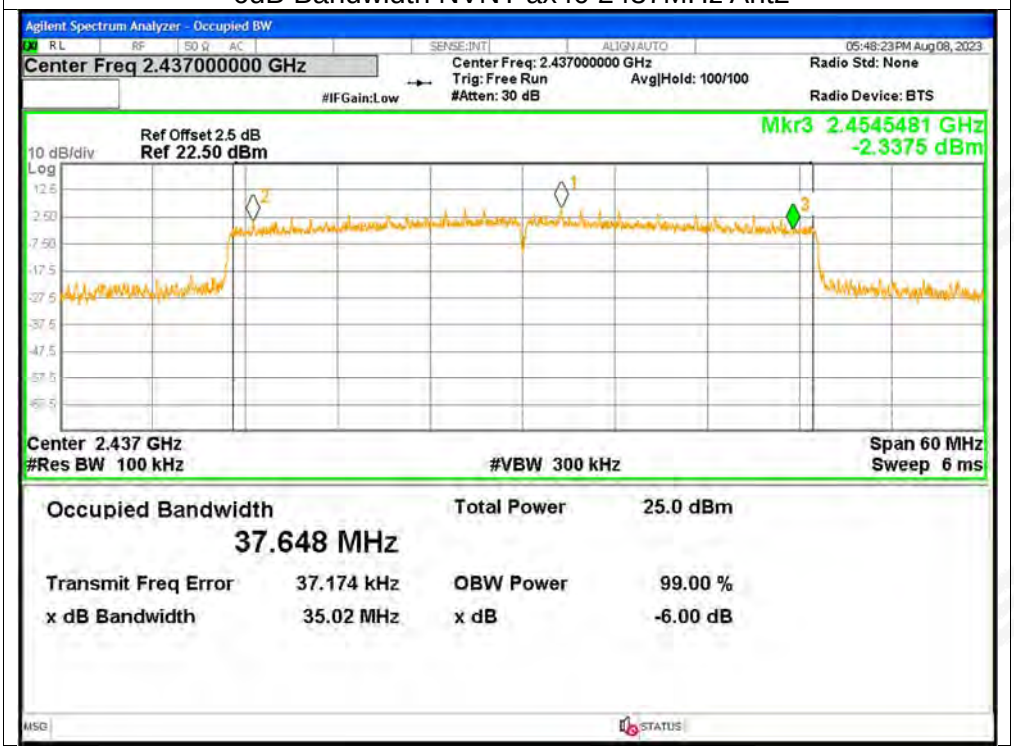


-6dB Bandwidth NVNT ax40 2422MHz Ant2

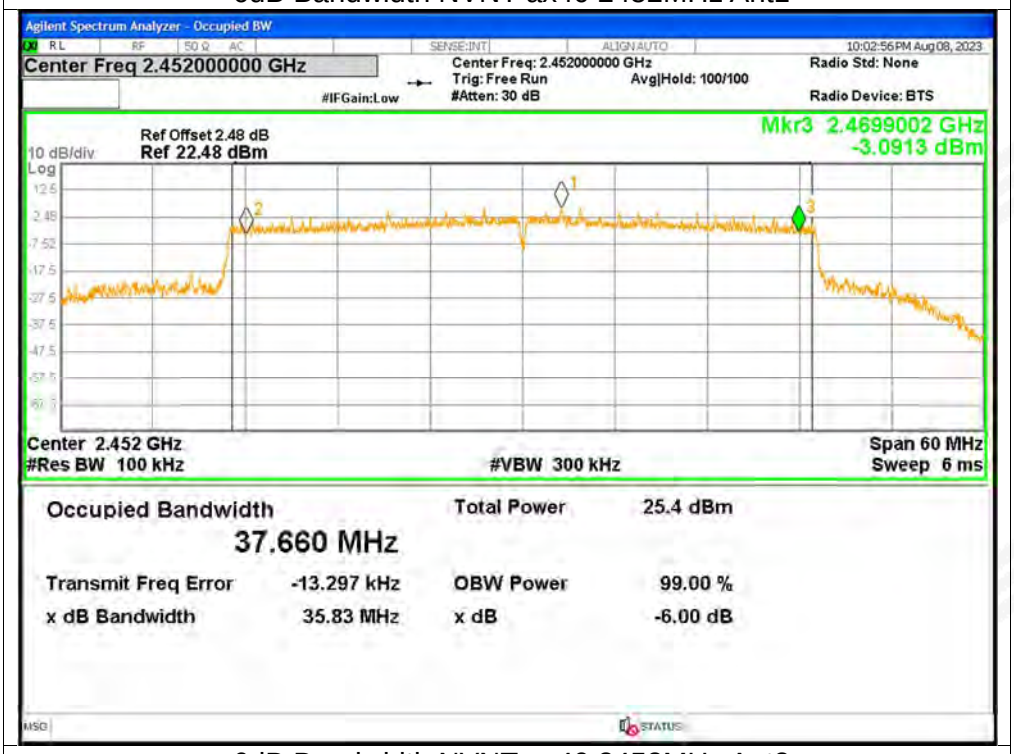
-6dB Bandwidth NVNT ax40 2437MHz Ant1



-6dB Bandwidth NVNT ax40 2437MHz Ant2

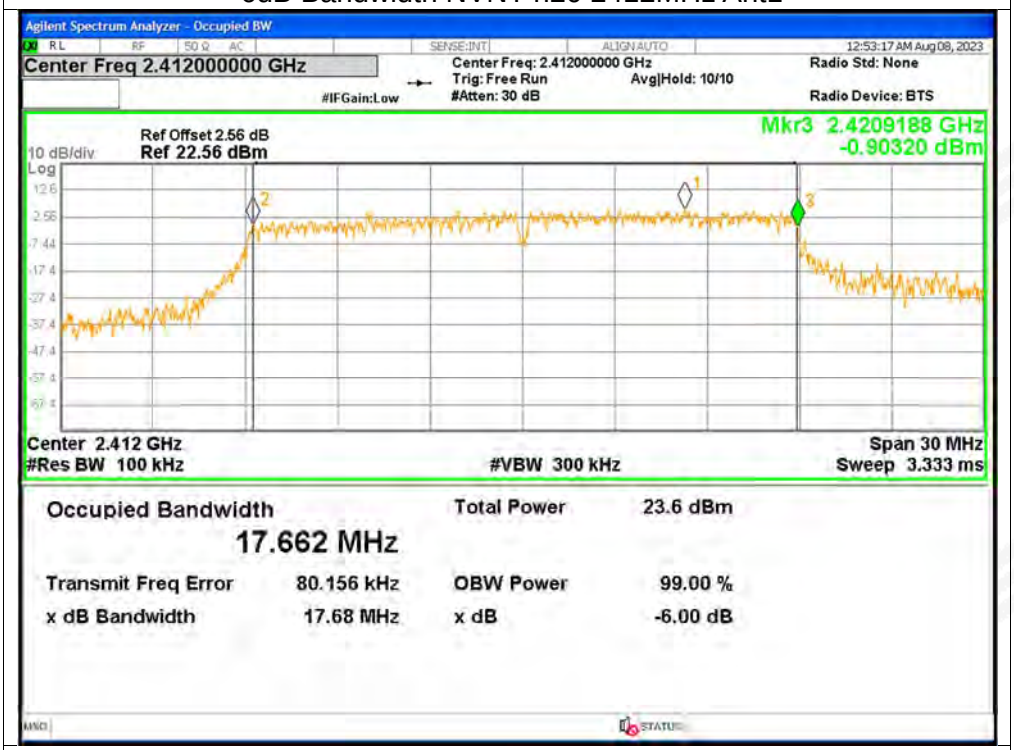


-6dB Bandwidth NVNT ax40 2452MHz Ant1



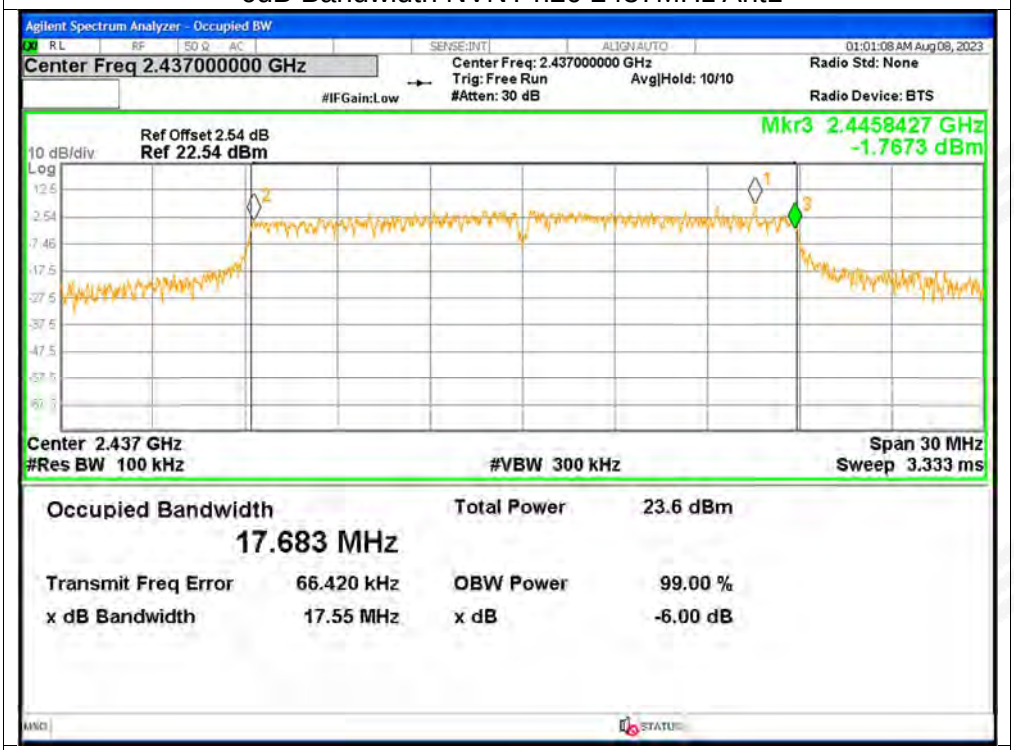
-6dB Bandwidth NVNT ax40 2452MHz Ant2

-6dB Bandwidth NVNT n20 2412MHz Ant1



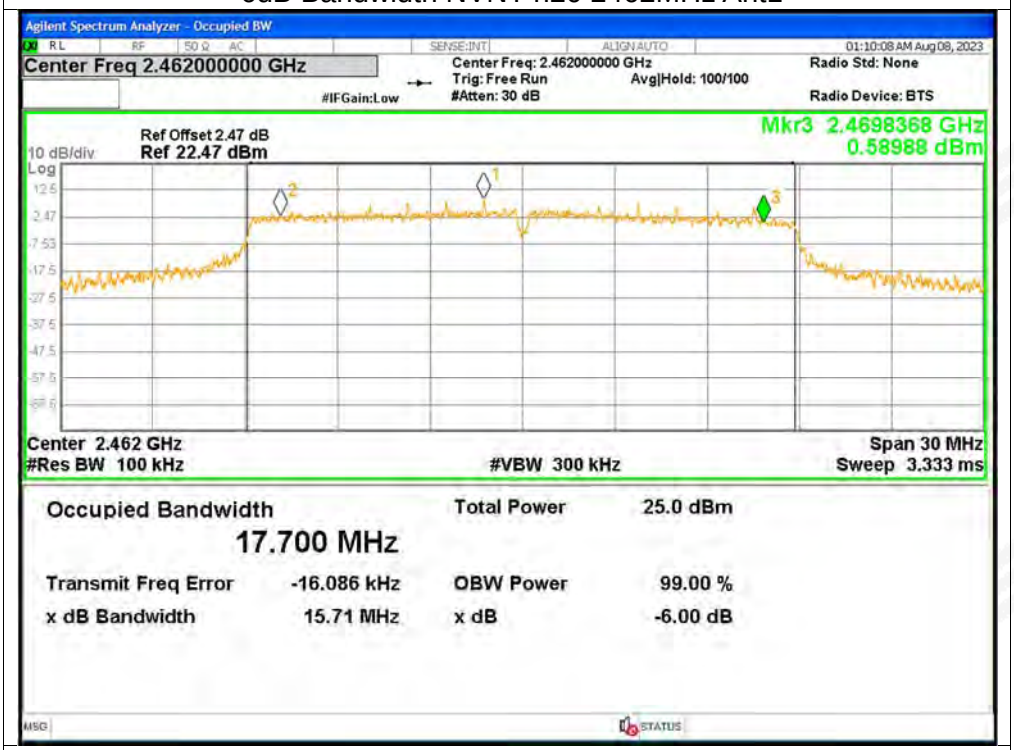
-6dB Bandwidth NVNT n20 2412MHz Ant2

-6dB Bandwidth NVNT n20 2437MHz Ant1

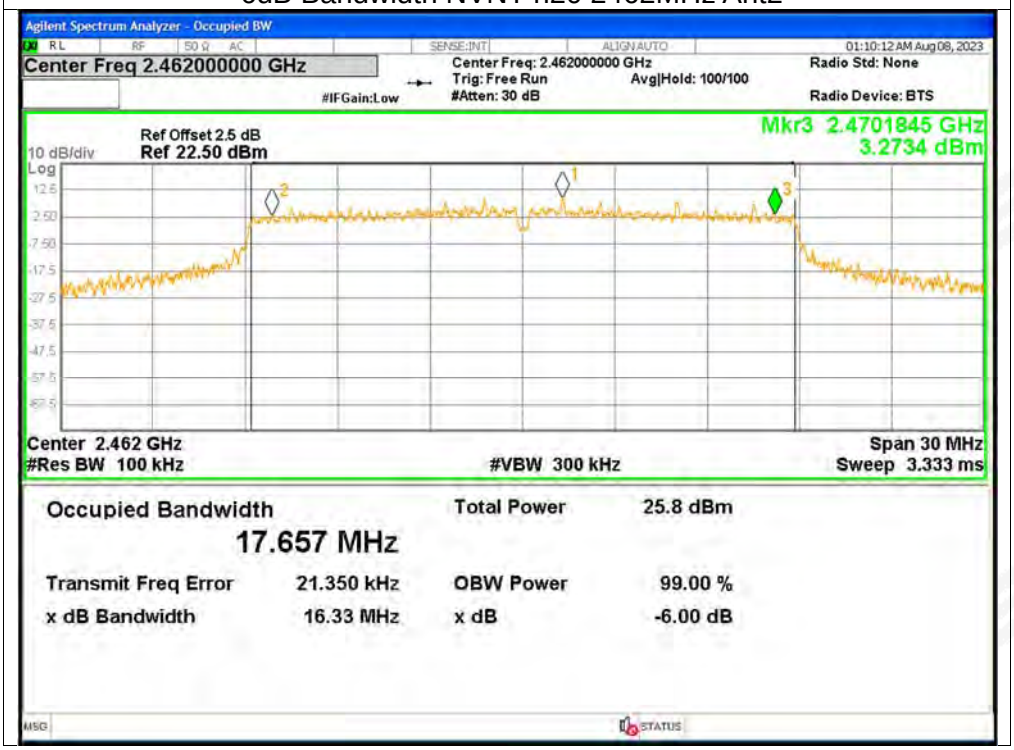


-6dB Bandwidth NVNT n20 2437MHz Ant2

-6dB Bandwidth NVNT n20 2462MHz Ant1



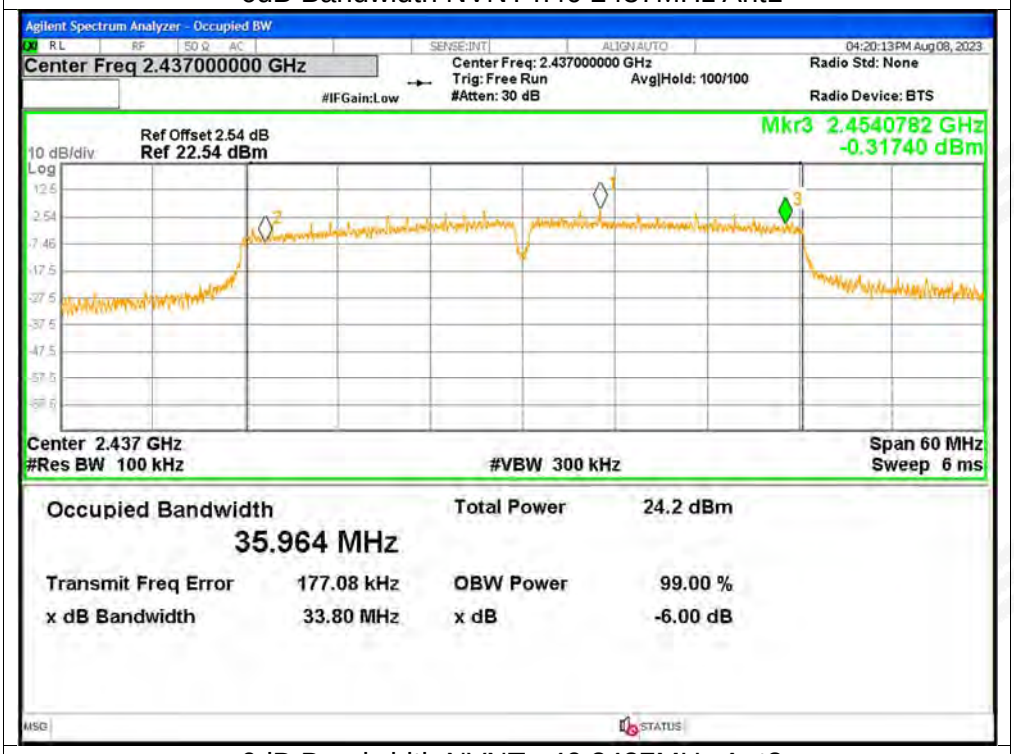
-6dB Bandwidth NVNT n20 2462MHz Ant2



-6dB Bandwidth NVNT n40 2422MHz Ant1

-6dB Bandwidth NVNT n40 2422MHz Ant2

-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant2

-6dB Bandwidth NVNT n40 2452MHz Ant1

-6dB Bandwidth NVNT n40 2452MHz Ant2

6. Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	0.66	<=8	Pass
NVNT	b	2437	Ant1	0.41	<=8	Pass
NVNT	b	2462	Ant1	0.84	<=8	Pass
NVNT	b	2412	Ant2	0.24	<=8	Pass
NVNT	b	2437	Ant2	1.08	<=8	Pass
NVNT	b	2462	Ant2	1.67	<=8	Pass
NVNT	g	2412	Ant1	-1.83	<=8	Pass
NVNT	g	2437	Ant1	-2.87	<=8	Pass
NVNT	g	2462	Ant1	-2.82	<=8	Pass
NVNT	g	2412	Ant2	-4.96	<=8	Pass
NVNT	g	2437	Ant2	-3.73	<=8	Pass
NVNT	g	2462	Ant2	-3.01	<=8	Pass
NVNT	ac20	2412	Ant1	-3.19	<=8	Pass
NVNT	ac20	2412	Ant2	-3.63	<=8	Pass
NVNT	ac20	2412	Sum	-0.39	<=8	Pass
NVNT	ac20	2437	Ant1	-5.49	<=8	Pass
NVNT	ac20	2437	Ant2	-6.54	<=8	Pass
NVNT	ac20	2437	Sum	-2.97	<=8	Pass
NVNT	ac20	2462	Ant1	-6.96	<=8	Pass
NVNT	ac20	2462	Ant2	-5.05	<=8	Pass
NVNT	ac20	2462	Sum	-2.89	<=8	Pass
NVNT	ac40	2422	Ant1	-9.14	<=8	Pass
NVNT	ac40	2422	Ant2	-8.39	<=8	Pass
NVNT	ac40	2422	Sum	-5.74	<=8	Pass
NVNT	ac40	2437	Ant1	-9.12	<=8	Pass
NVNT	ac40	2437	Ant2	-9.53	<=8	Pass
NVNT	ac40	2437	Sum	-6.31	<=8	Pass
NVNT	ac40	2452	Ant1	-8.73	<=8	Pass
NVNT	ac40	2452	Ant2	-9.15	<=8	Pass
NVNT	ac40	2452	Sum	-5.92	<=8	Pass
NVNT	ax20	2412	Ant1	-5.53	<=8	Pass
NVNT	ax20	2412	Ant2	-7.1	<=8	Pass
NVNT	ax20	2412	Sum	-3.23	<=8	Pass
NVNT	ax20	2437	Ant1	-7.1	<=8	Pass
NVNT	ax20	2437	Ant2	-6.46	<=8	Pass
NVNT	ax20	2437	Sum	-3.76	<=8	Pass
NVNT	ax20	2462	Ant1	-6.91	<=8	Pass
NVNT	ax20	2462	Ant2	-6.69	<=8	Pass
NVNT	ax20	2462	Sum	-3.79	<=8	Pass
NVNT	ax40	2422	Ant1	-7.54	<=8	Pass
NVNT	ax40	2422	Ant2	-8.21	<=8	Pass
NVNT	ax40	2422	Sum	-4.85	<=8	Pass
NVNT	ax40	2437	Ant1	-9.18	<=8	Pass
NVNT	ax40	2437	Ant2	-9.18	<=8	Pass
NVNT	ax40	2437	Sum	-6.17	<=8	Pass
NVNT	ax40	2452	Ant1	-7.77	<=8	Pass
NVNT	ax40	2452	Ant2	-9	<=8	Pass
NVNT	ax40	2452	Sum	-5.33	<=8	Pass
NVNT	n20	2412	Ant1	-4.67	<=8	Pass
NVNT	n20	2412	Ant2	-5.45	<=8	Pass
NVNT	n20	2412	Sum	-2.03	<=8	Pass
NVNT	n20	2437	Ant1	-3.79	<=8	Pass
NVNT	n20	2437	Ant2	-4.12	<=8	Pass

NVNT	n20	2437	Sum	-0.94	<=8	Pass
NVNT	n20	2462	Ant1	-6.02	<=8	Pass
NVNT	n20	2462	Ant2	-5.16	<=8	Pass
NVNT	n20	2462	Sum	-2.56	<=8	Pass
NVNT	n40	2422	Ant1	-9.21	<=8	Pass
NVNT	n40	2422	Ant2	-9.85	<=8	Pass
NVNT	n40	2422	Sum	-6.51	<=8	Pass
NVNT	n40	2437	Ant1	-8.91	<=8	Pass
NVNT	n40	2437	Ant2	-9.21	<=8	Pass
NVNT	n40	2437	Sum	-6.05	<=8	Pass
NVNT	n40	2452	Ant1	-8.84	<=8	Pass
NVNT	n40	2452	Ant2	-8.79	<=8	Pass
NVNT	n40	2452	Sum	-5.8	<=8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant1

PSD NVNT b 2437MHz Ant1

PSD NVNT b 2462MHz Ant1

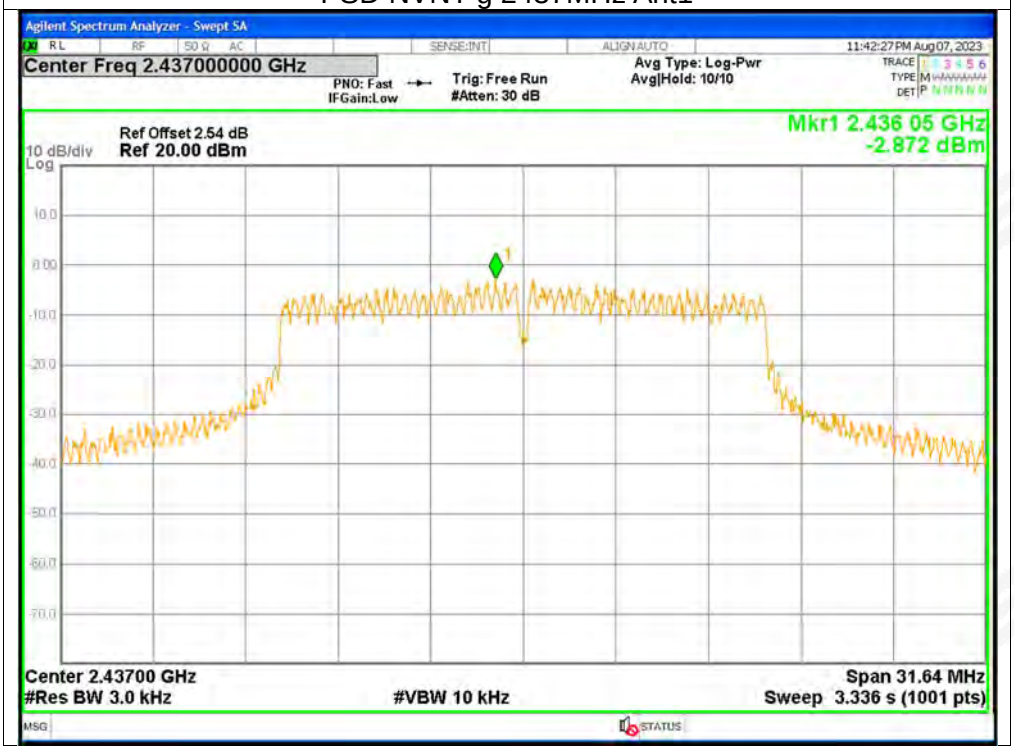
PSD NVNT b 2412MHz Ant2

PSD NVNT b 2437MHz Ant2

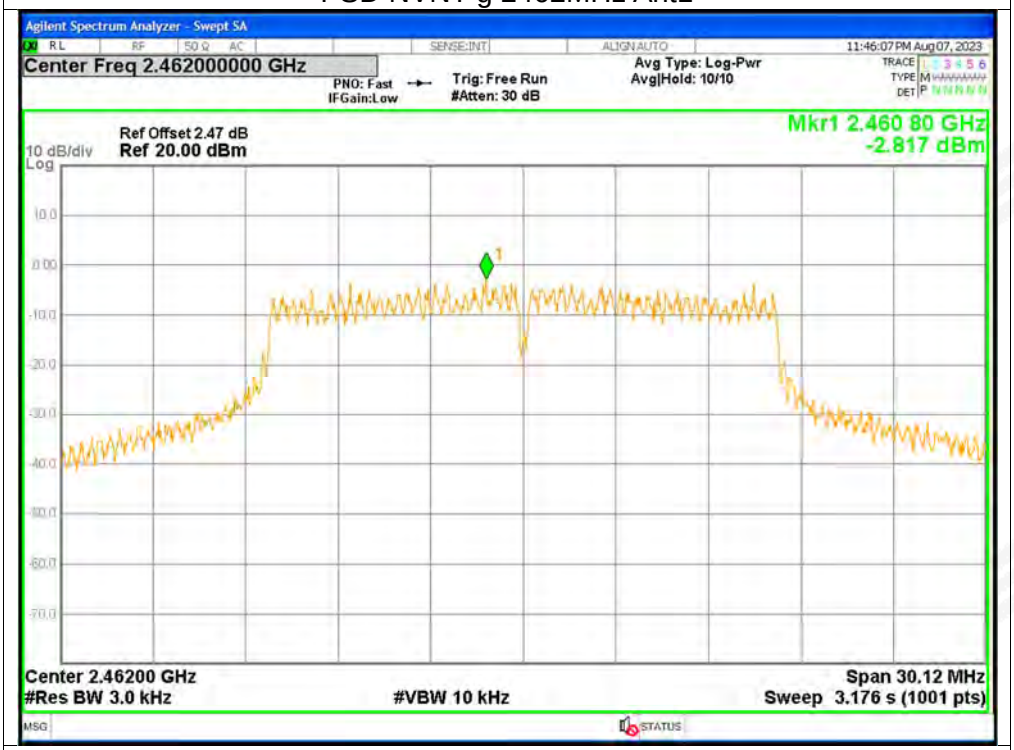
PSD NVNT b 2462MHz Ant2

PSD NVNT g 2412MHz Ant1

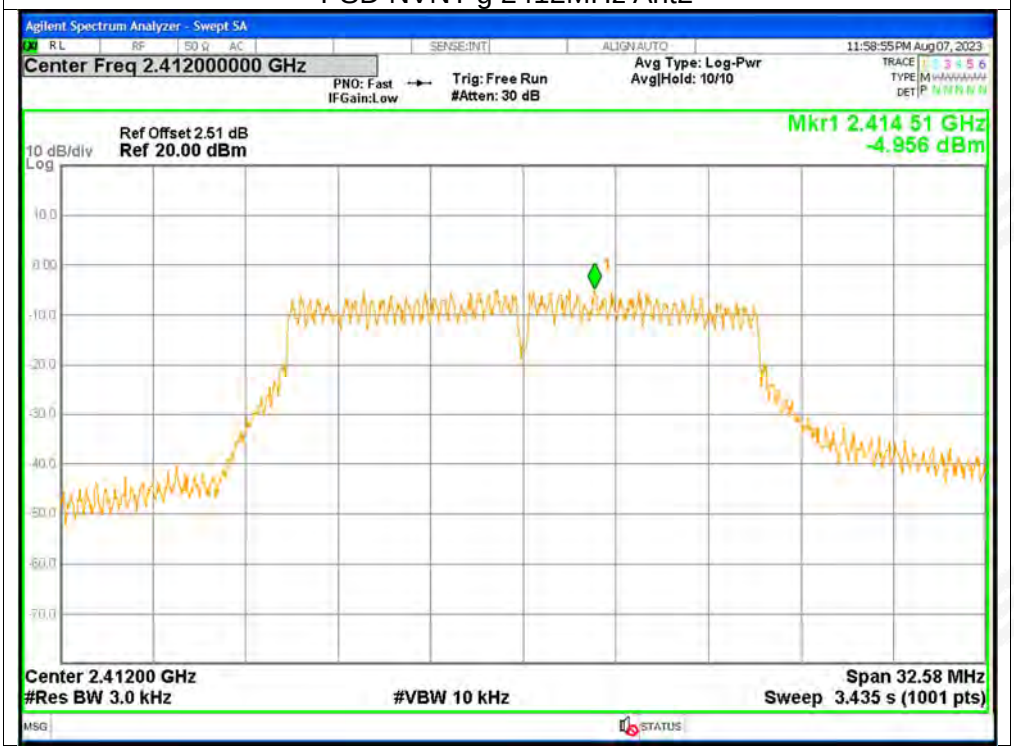
PSD NVNT g 2437MHz Ant1



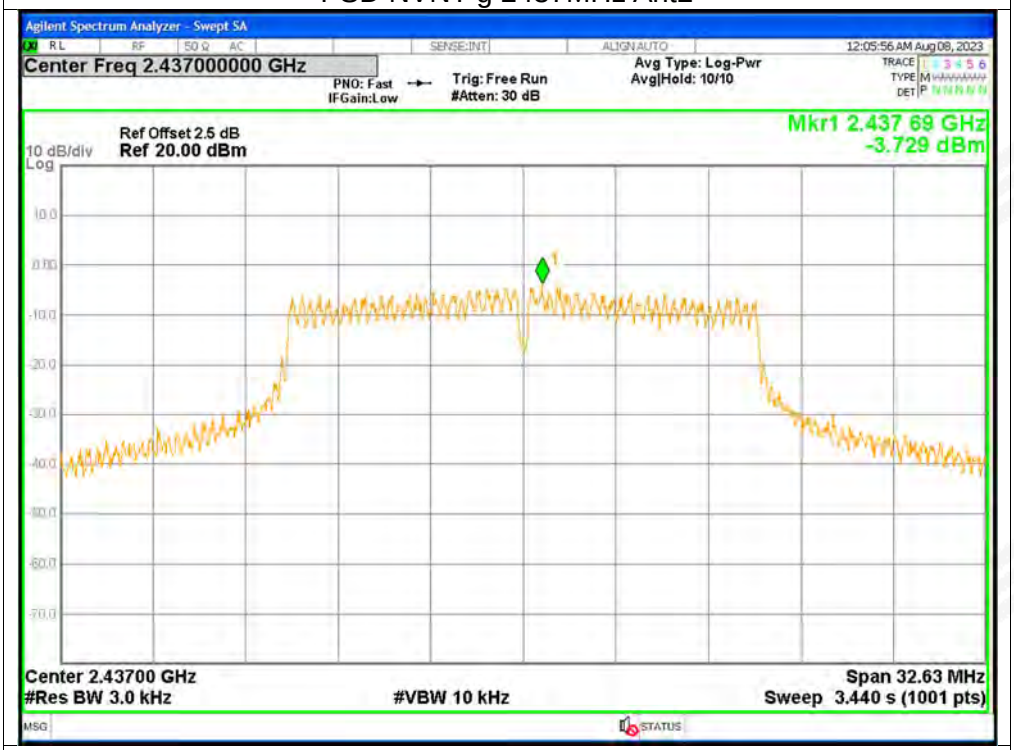
PSD NVNT g 2462MHz Ant1



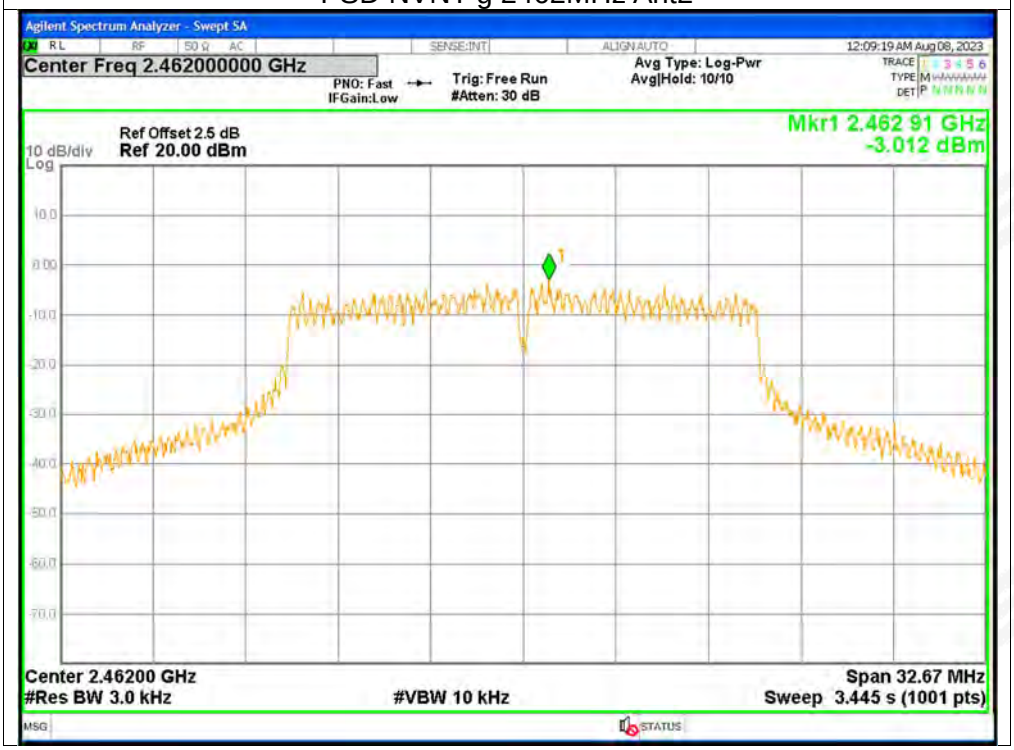
PSD NVNT g 2412MHz Ant2



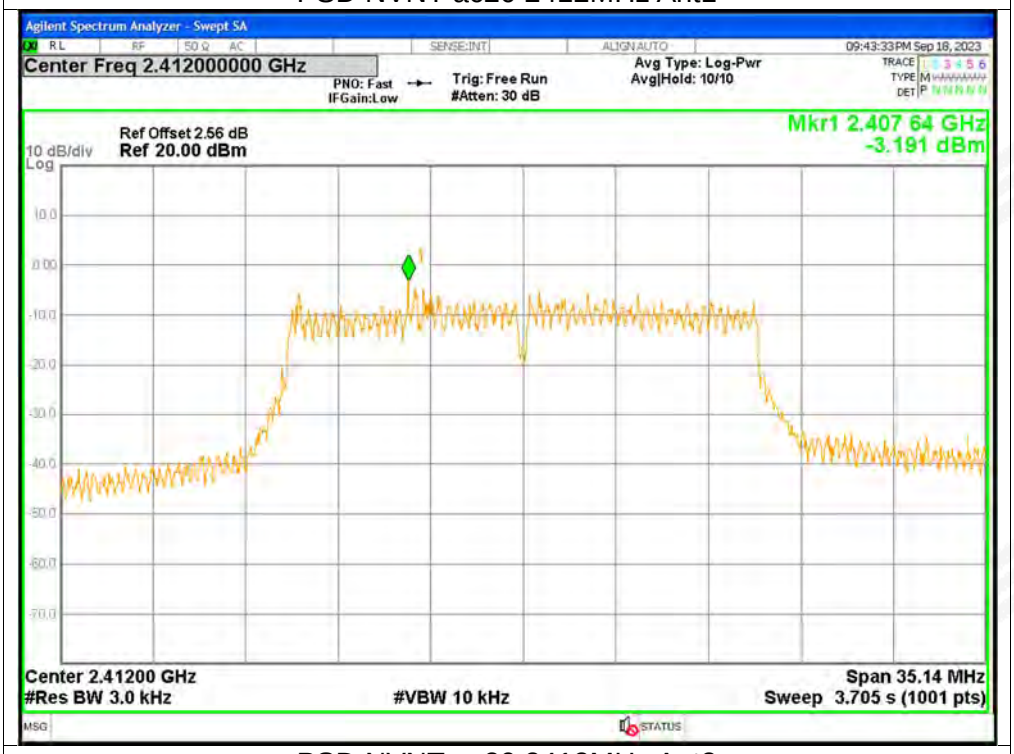
PSD NVNT g 2437MHz Ant2



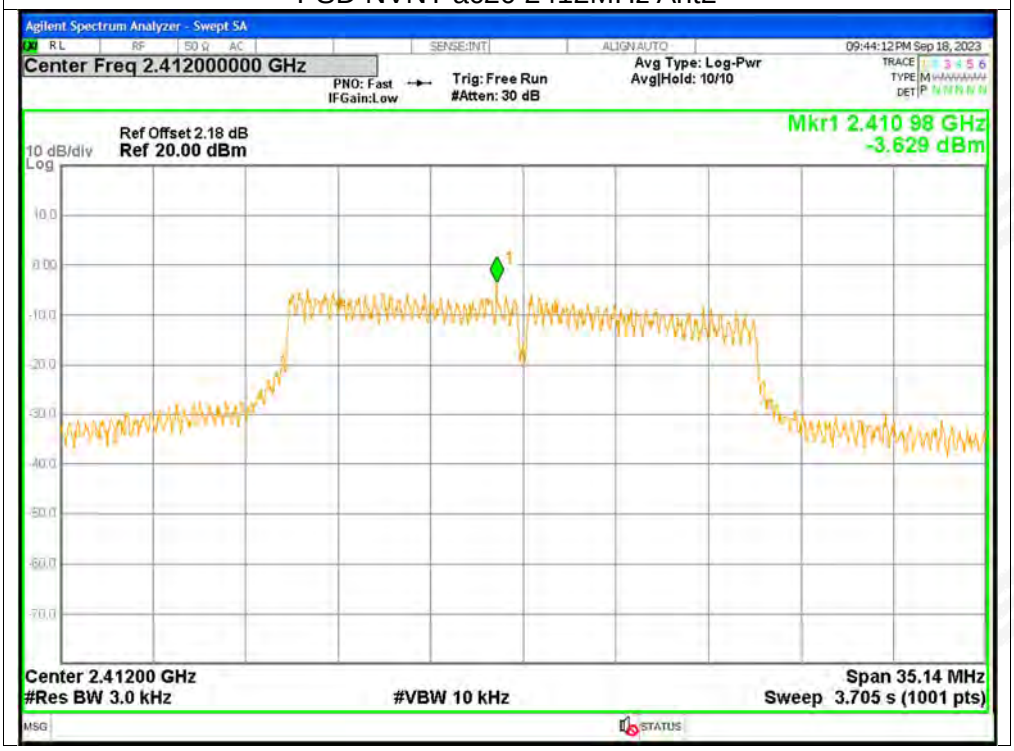
PSD NVNT g 2462MHz Ant2



PSD NVNT ac20 2412MHz Ant1



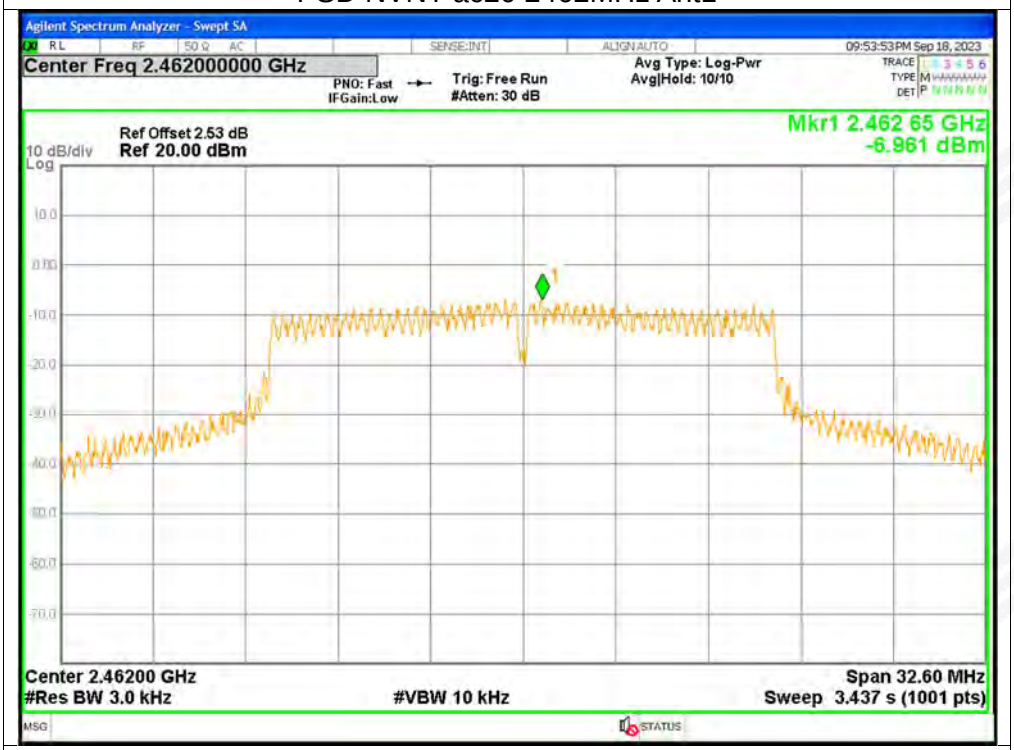
PSD NVNT ac20 2412MHz Ant2



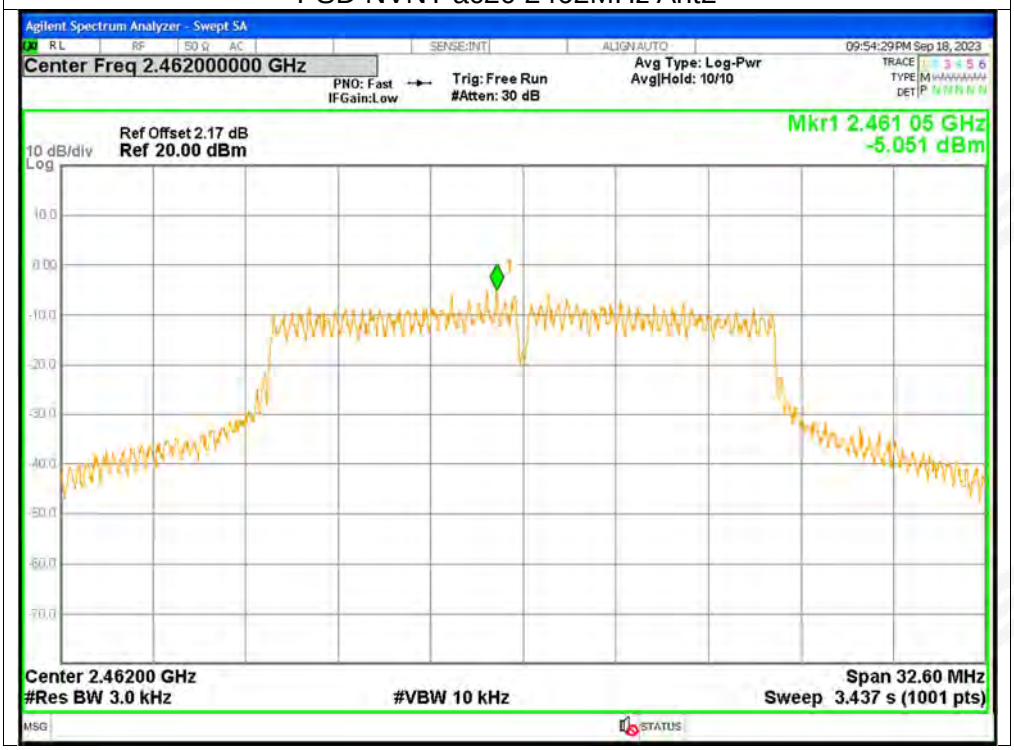
PSD NVNT ac20 2437MHz Ant1

PSD NVNT ac20 2437MHz Ant2

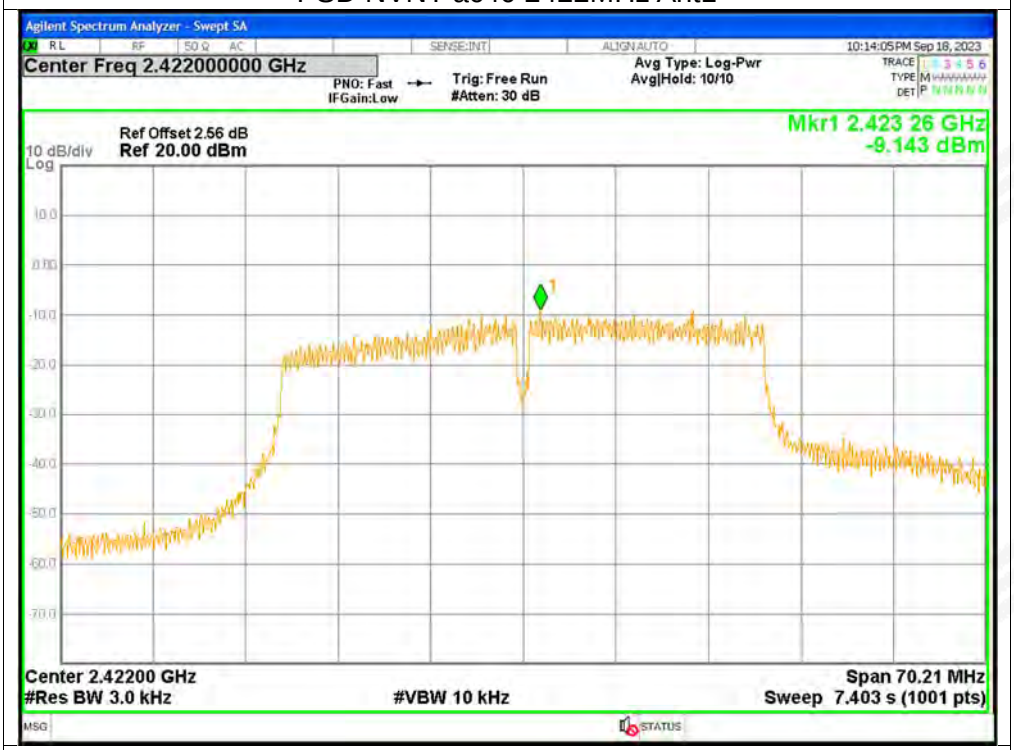
PSD NVNT ac20 2462MHz Ant1



PSD NVNT ac20 2462MHz Ant2



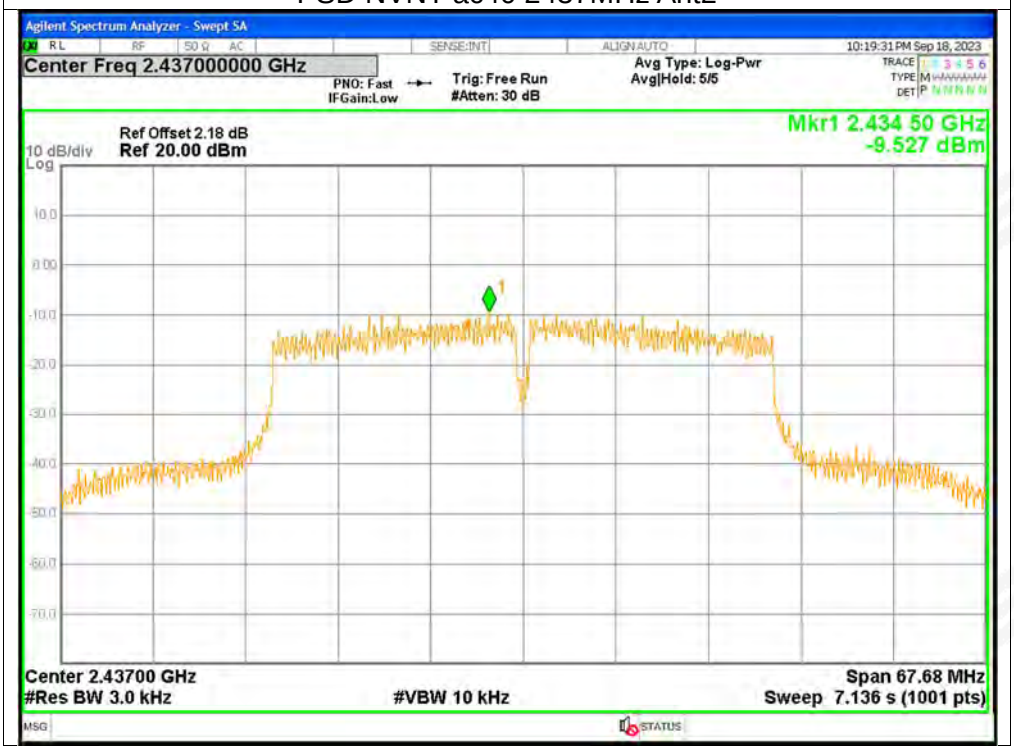
PSD NVNT ac40 2422MHz Ant1



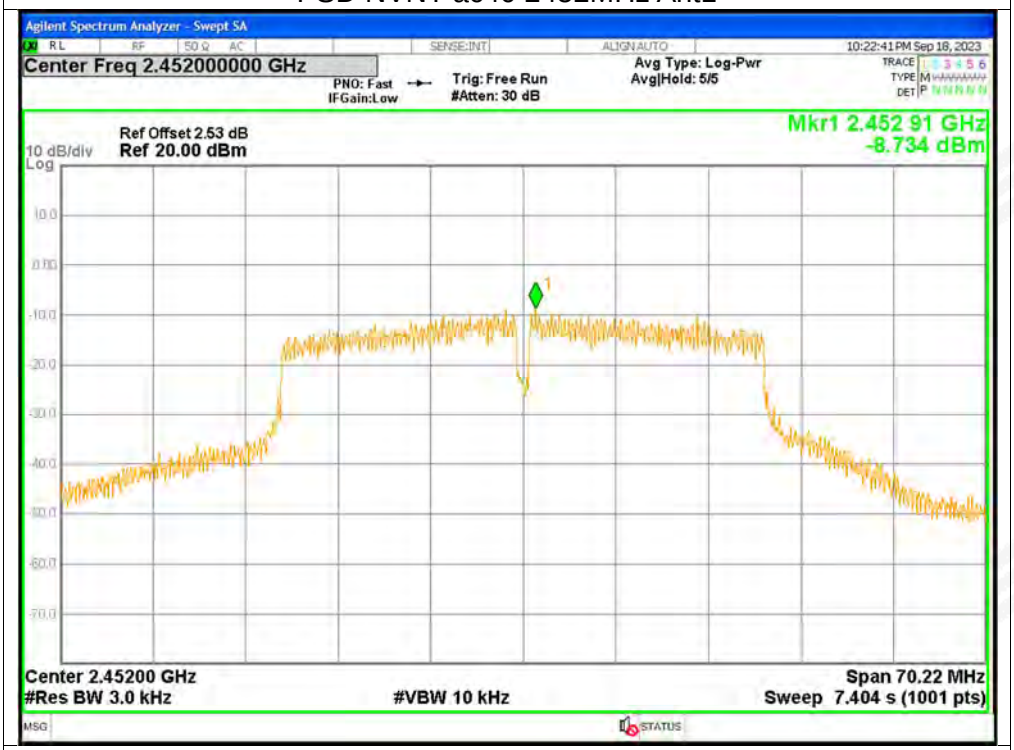
PSD NVNT ac40 2422MHz Ant2

PSD NVNT ac40 2437MHz Ant1

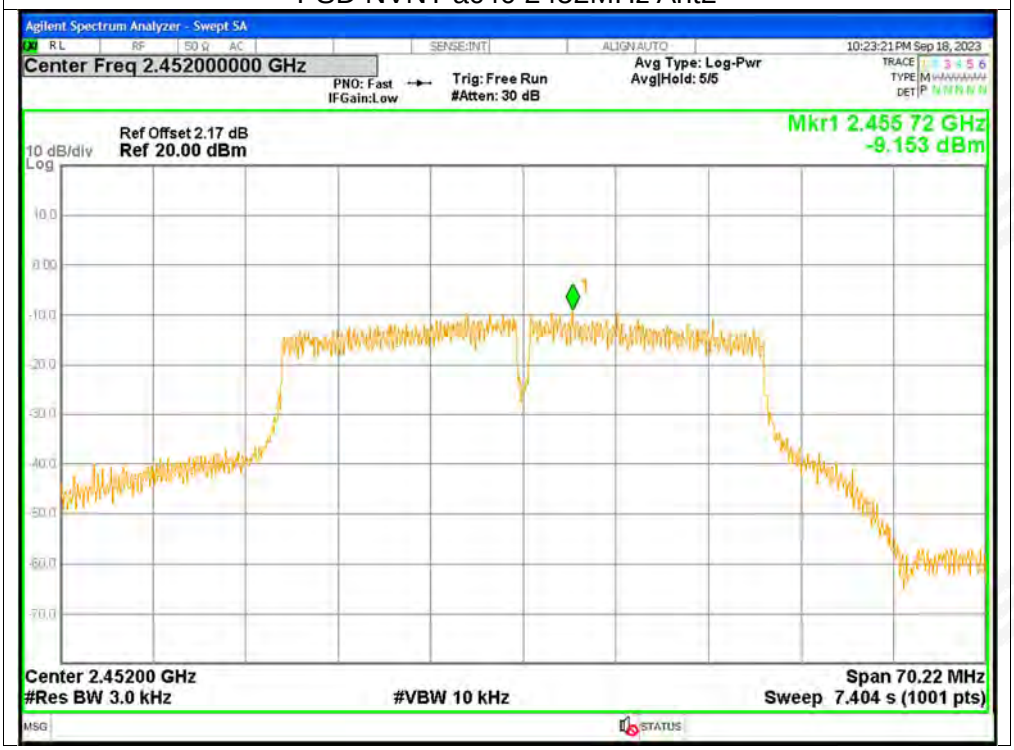
PSD NVNT ac40 2437MHz Ant2



PSD NVNT ac40 2452MHz Ant1



PSD NVNT ac40 2452MHz 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

PSD NVNT ax40 2422MHz Ant1

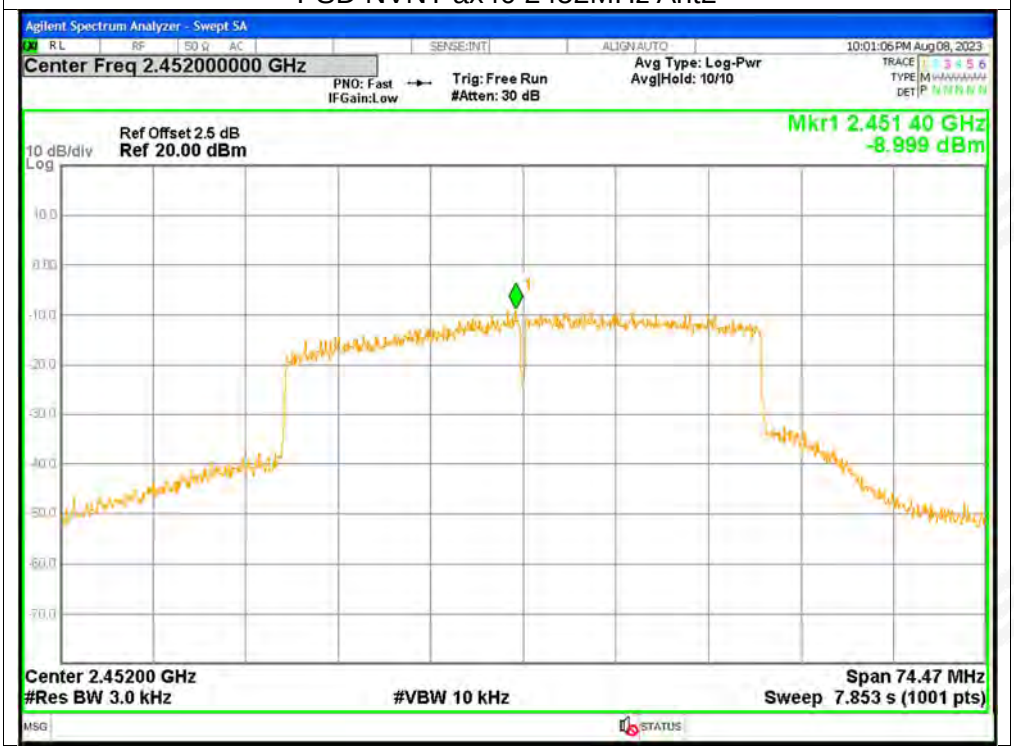
PSD NVNT ax40 2422MHz Ant2

PSD NVNT ax40 2437MHz Ant1

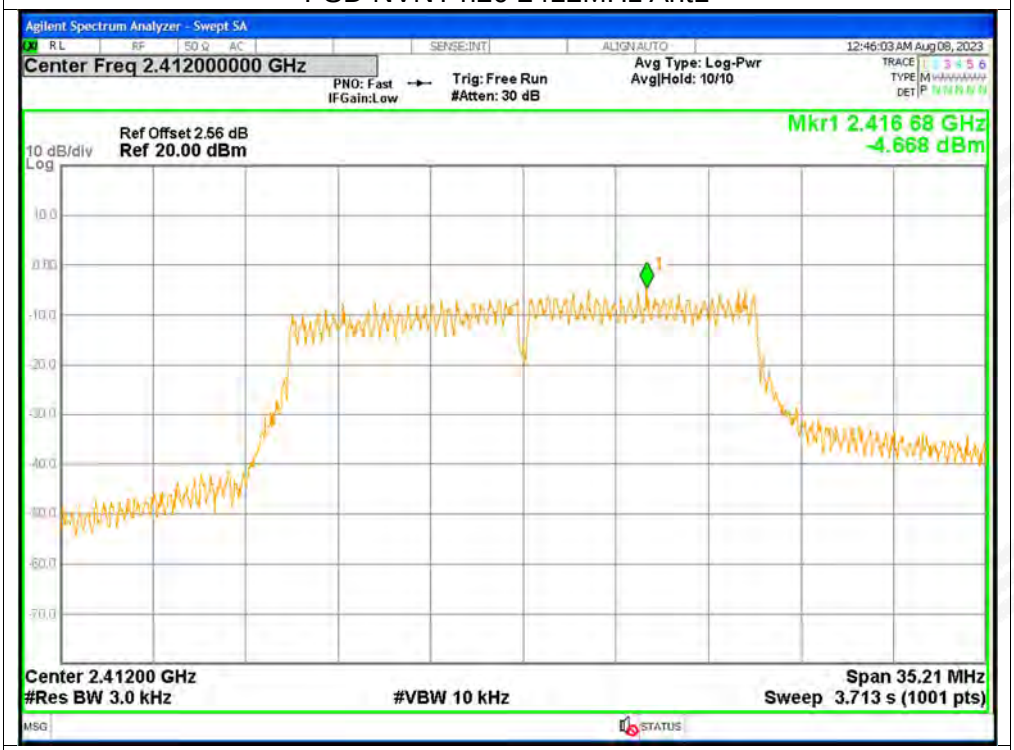
PSD NVNT ax40 2437MHz Ant2

PSD NVNT ax40 2452MHz Ant1

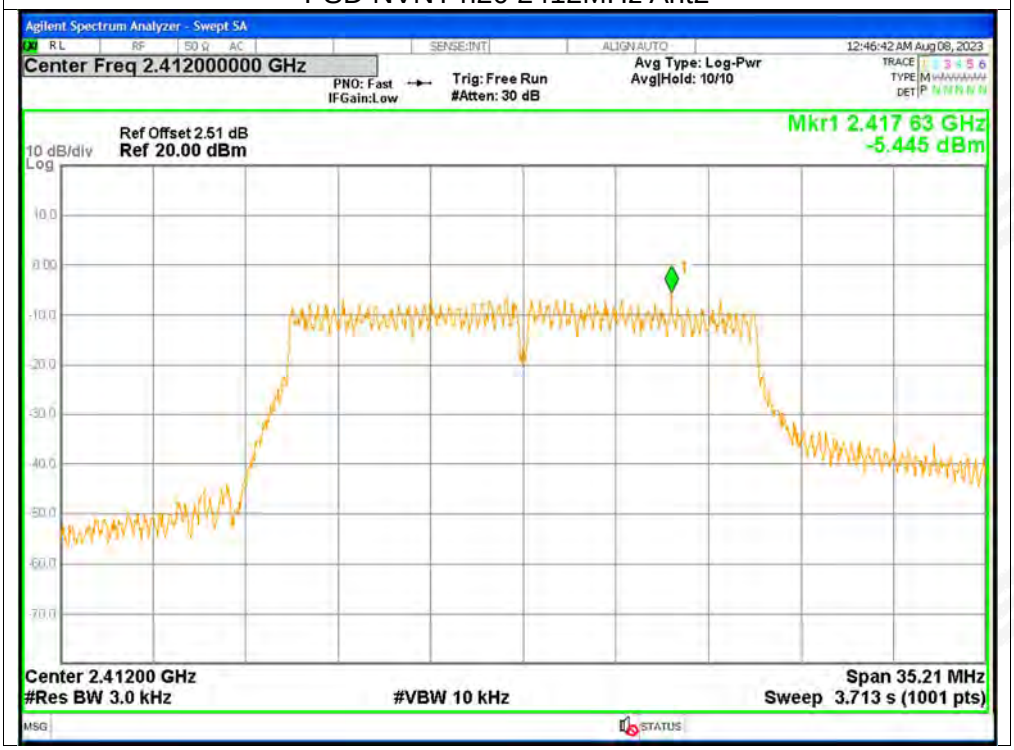
PSD NVNT ax40 2452MHz Ant2



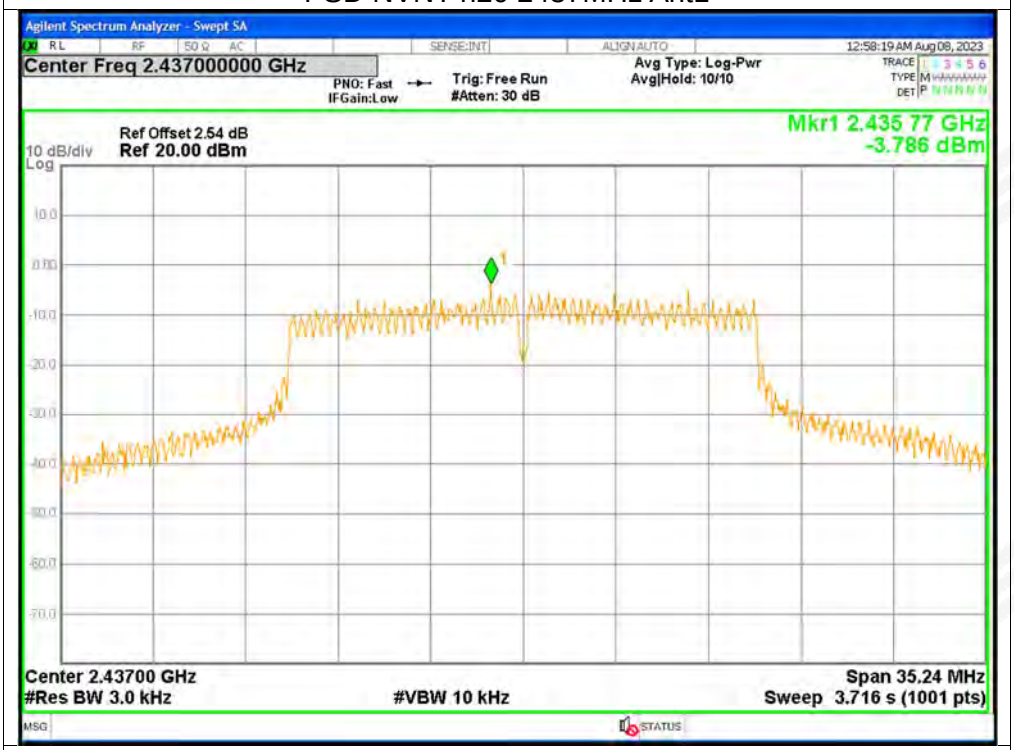
PSD NVNT n20 2412MHz Ant1



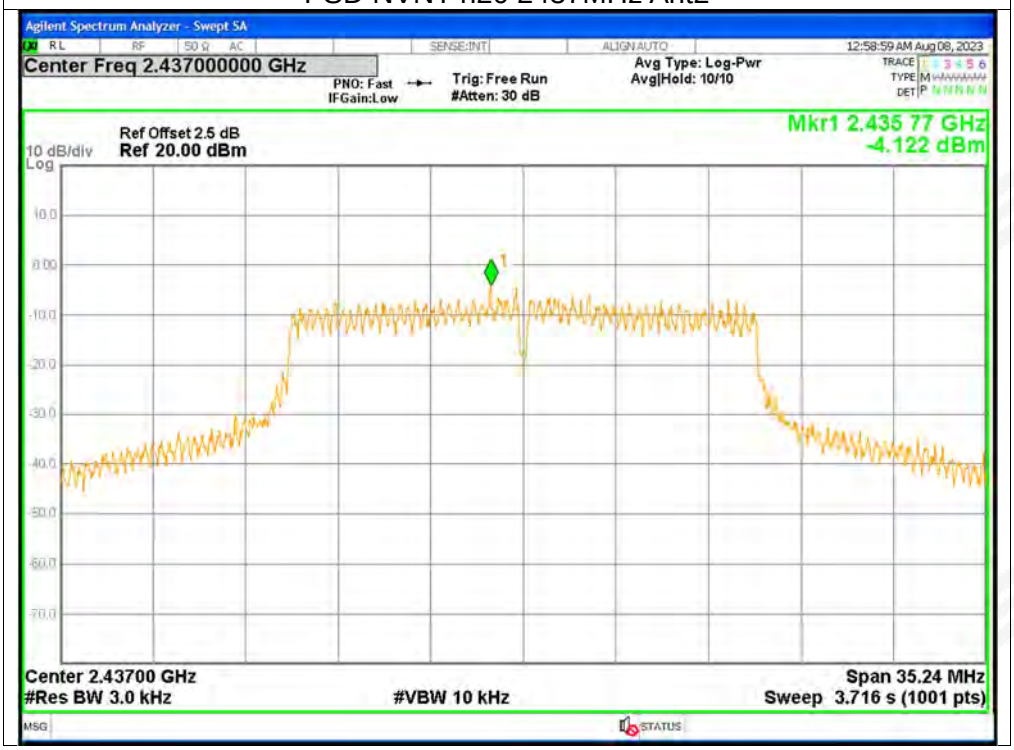
PSD NVNT n20 2412MHz Ant2



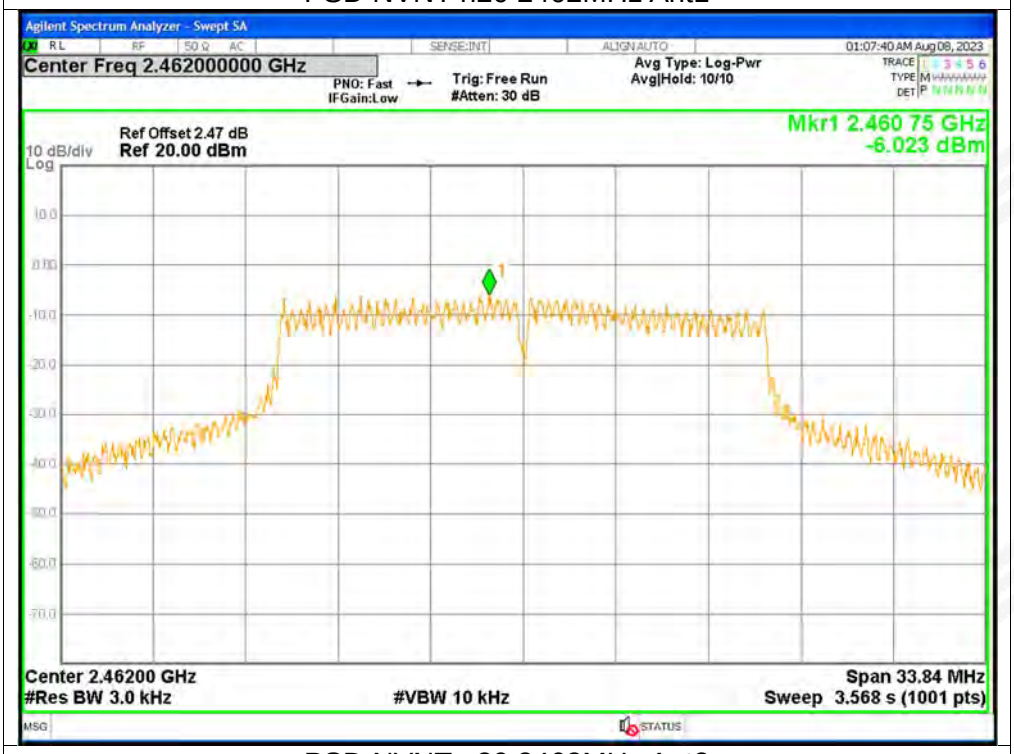
PSD NVNT n20 2437MHz Ant1



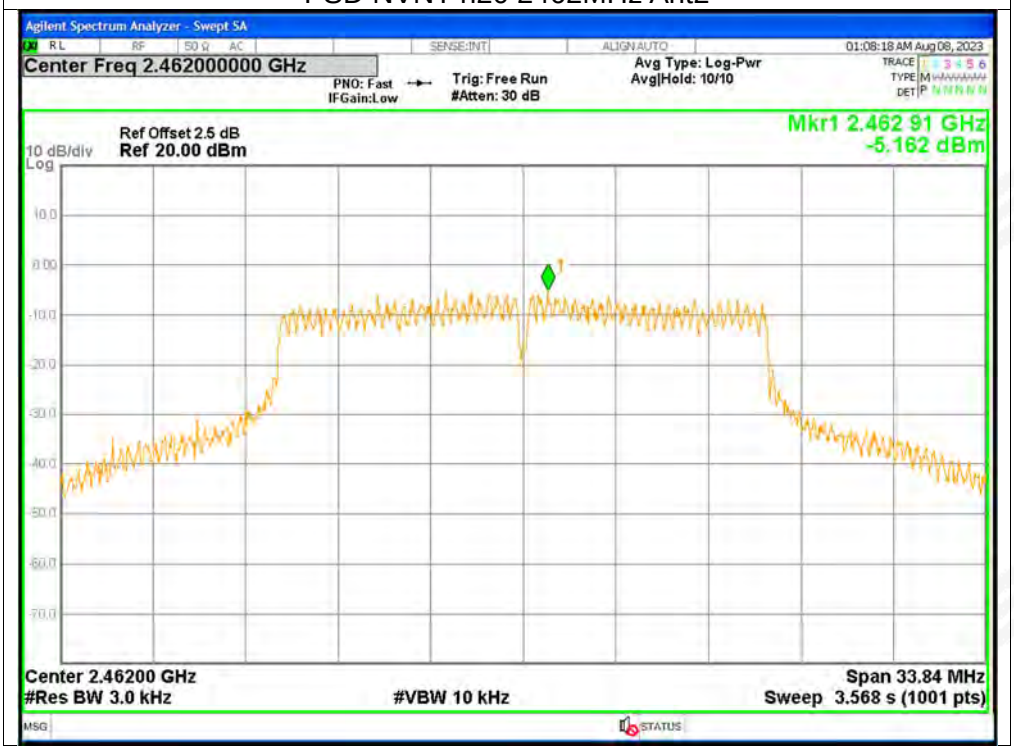
PSD NVNT n20 2437MHz Ant2



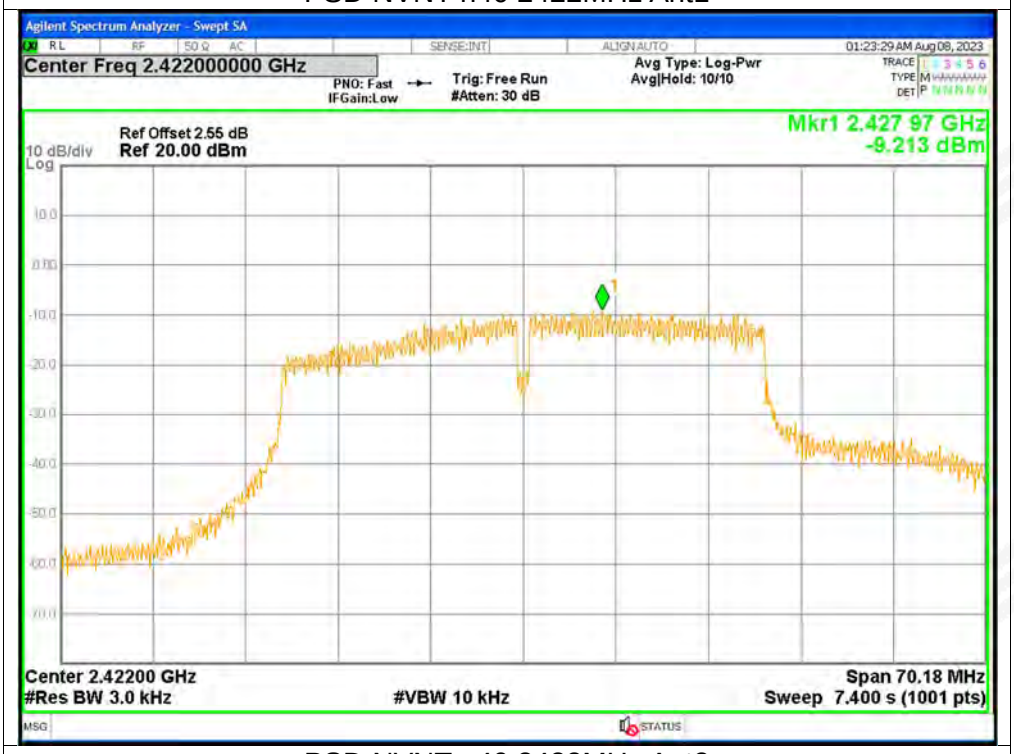
PSD NVNT n20 2462MHz Ant1



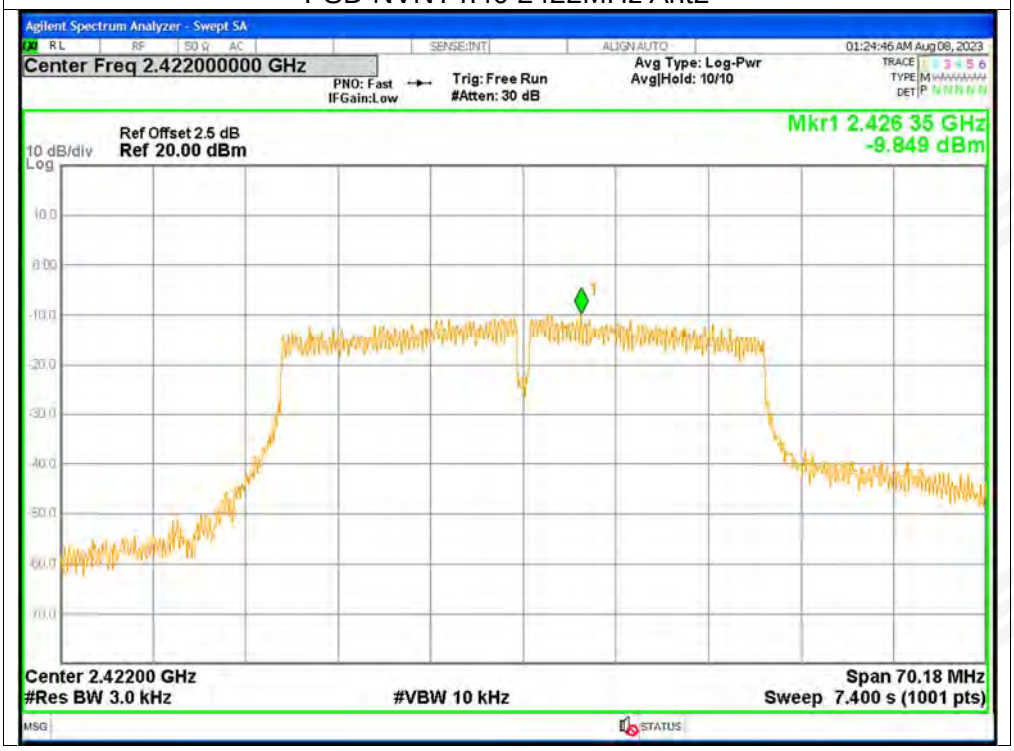
PSD NVNT n20 2462MHz Ant2



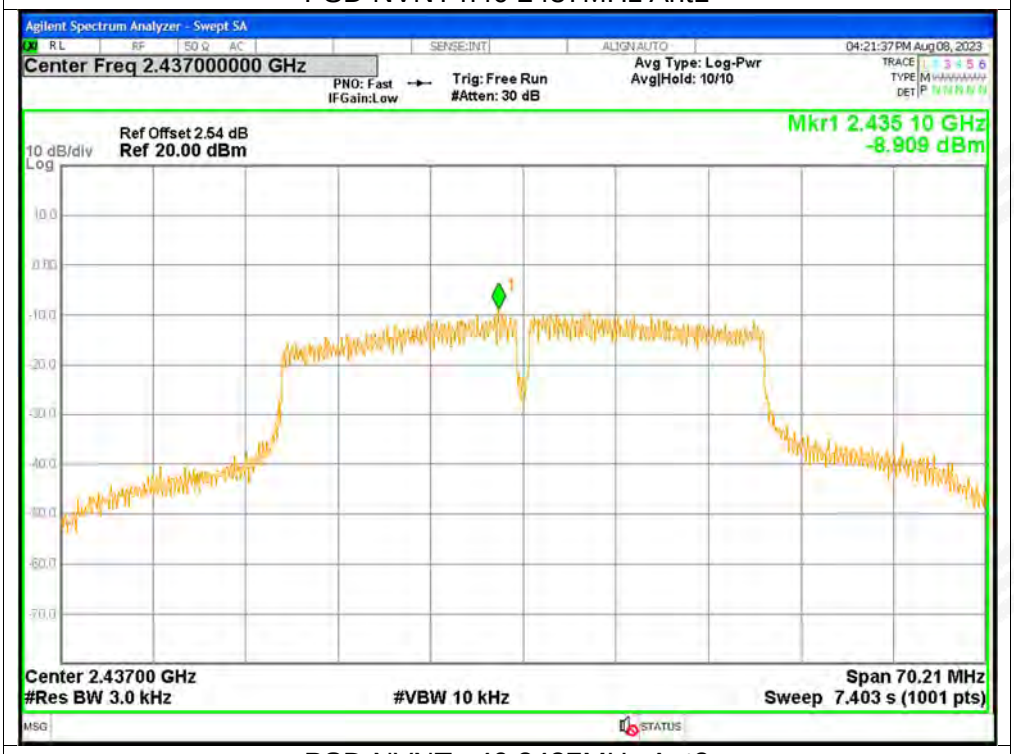
PSD NVNT n40 2422MHz Ant1



PSD NVNT n40 2422MHz Ant2

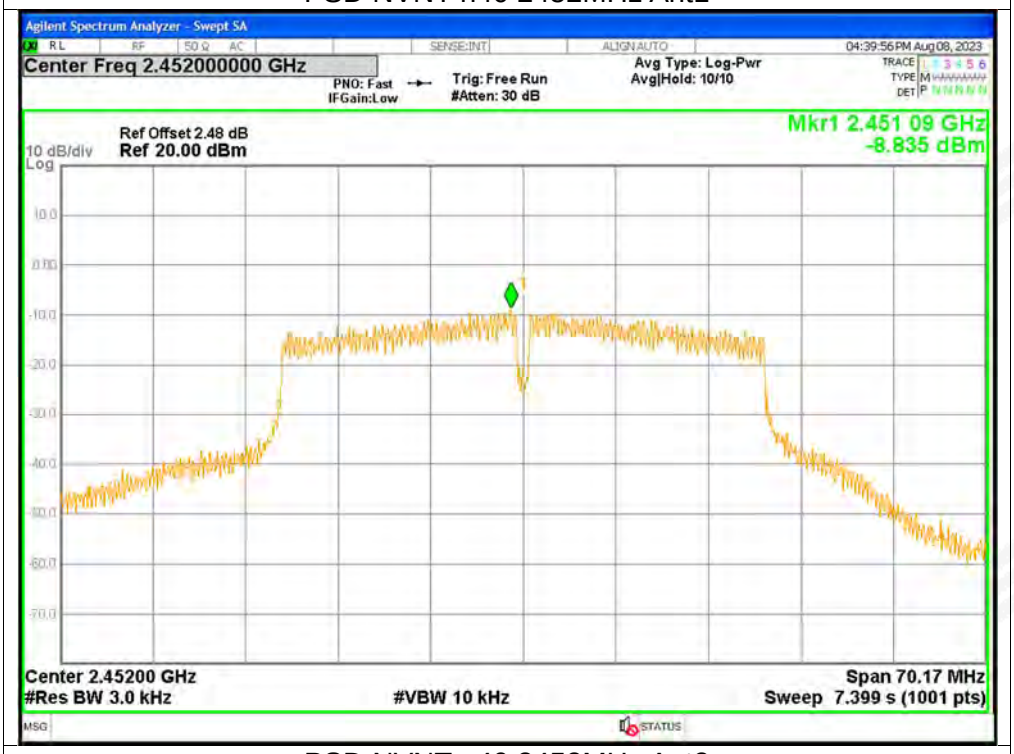


PSD NVNT n40 2437MHz Ant1

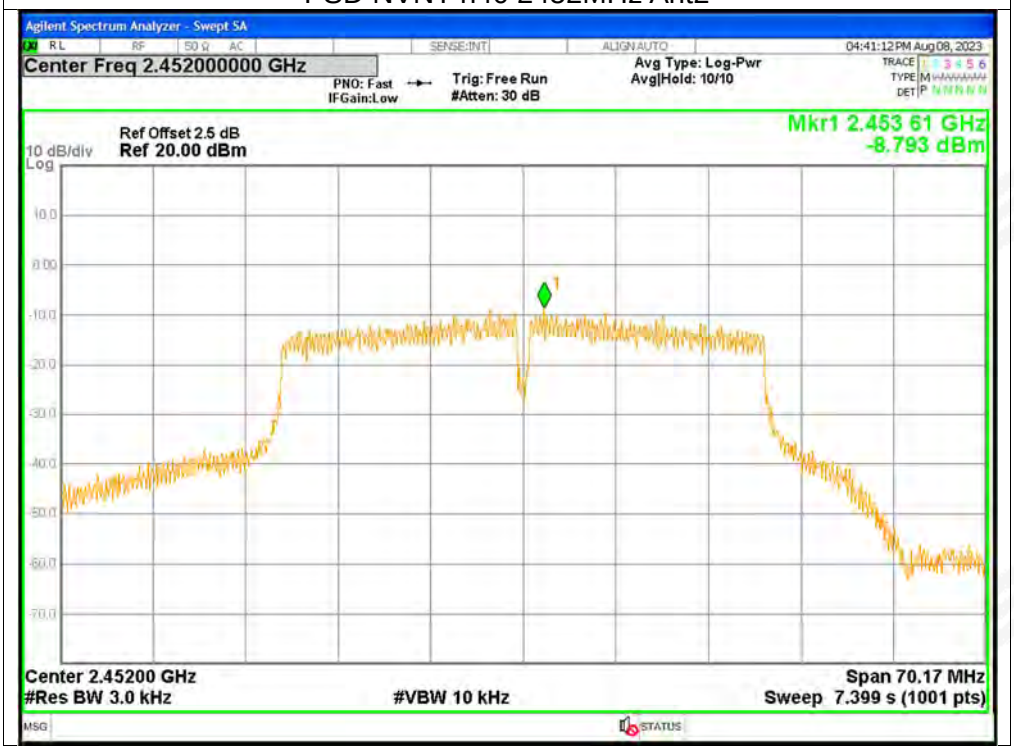


PSD NVNT n40 2437MHz Ant2

PSD NVNT n40 2452MHz Ant1



PSD NVNT n40 2452MHz Ant2



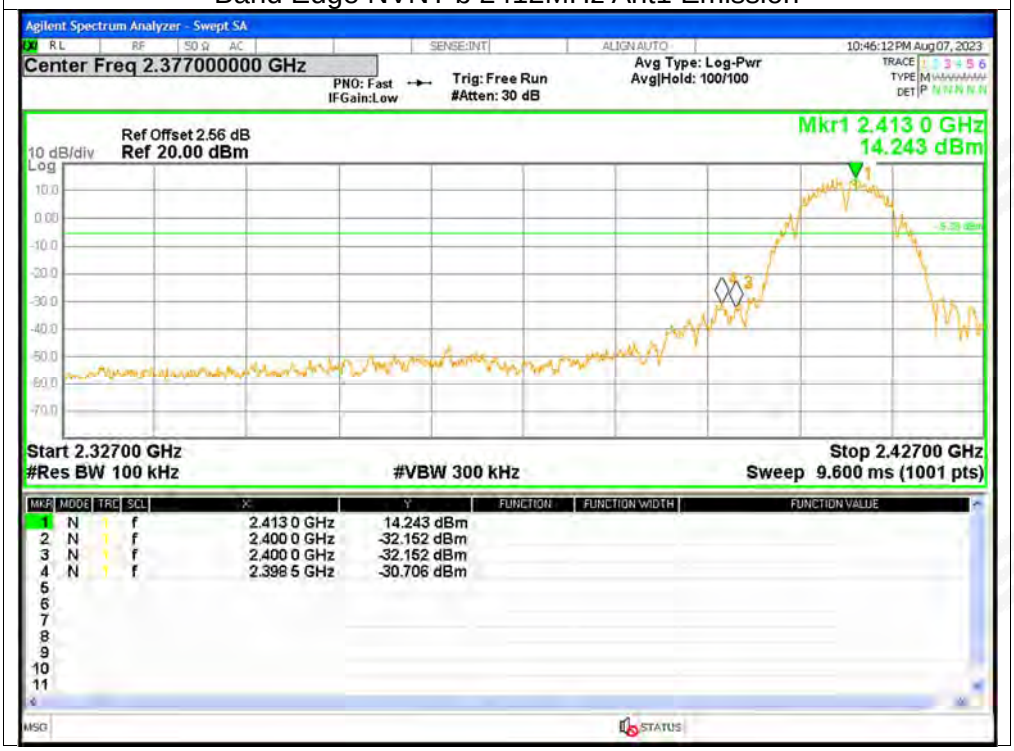
7. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-45.32	<=-20	Pass
NVNT	b	2462	Ant1	-62.04	<=-20	Pass
NVNT	b	2412	Ant2	-25.96	<=-20	Pass
NVNT	b	2462	Ant2	-64.22	<=-20	Pass
NVNT	g	2412	Ant1	-34.32	<=-20	Pass
NVNT	g	2462	Ant1	-52.03	<=-20	Pass
NVNT	g	2412	Ant2	-36.7	<=-20	Pass
NVNT	g	2462	Ant2	-54.71	<=-20	Pass
NVNT	ac20	2412	Ant1	-30.86	<=-20	Pass
NVNT	ac20	2412	Ant2	-21.17	<=-20	Pass
NVNT	ac20	2462	Ant1	-40.53	<=-20	Pass
NVNT	ac20	2462	Ant2	-54.36	<=-20	Pass
NVNT	ac40	2422	Ant1	-37.47	<=-20	Pass
NVNT	ac40	2422	Ant2	-34.25	<=-20	Pass
NVNT	ac40	2452	Ant1	-36.49	<=-20	Pass
NVNT	ac40	2452	Ant2	-45.49	<=-20	Pass
NVNT	ax20	2412	Ant1	-37.02	<=-20	Pass
NVNT	ax20	2412	Ant2	-40.32	<=-20	Pass
NVNT	ax20	2462	Ant1	-46.32	<=-20	Pass
NVNT	ax20	2462	Ant2	-56.08	<=-20	Pass
NVNT	ax40	2422	Ant1	-39.92	<=-20	Pass
NVNT	ax40	2422	Ant2	-38.63	<=-20	Pass
NVNT	ax40	2452	Ant1	-48.29	<=-20	Pass
NVNT	ax40	2452	Ant2	-40.42	<=-20	Pass
NVNT	n20	2412	Ant1	-38.09	<=-20	Pass
NVNT	n20	2412	Ant2	-41.27	<=-20	Pass
NVNT	n20	2462	Ant1	-47.91	<=-20	Pass
NVNT	n20	2462	Ant2	-58.94	<=-20	Pass
NVNT	n40	2422	Ant1	-37.31	<=-20	Pass
NVNT	n40	2422	Ant2	-35.91	<=-20	Pass
NVNT	n40	2452	Ant1	-42.75	<=-20	Pass
NVNT	n40	2452	Ant2	-45.78	<=-20	Pass

Test Graphs

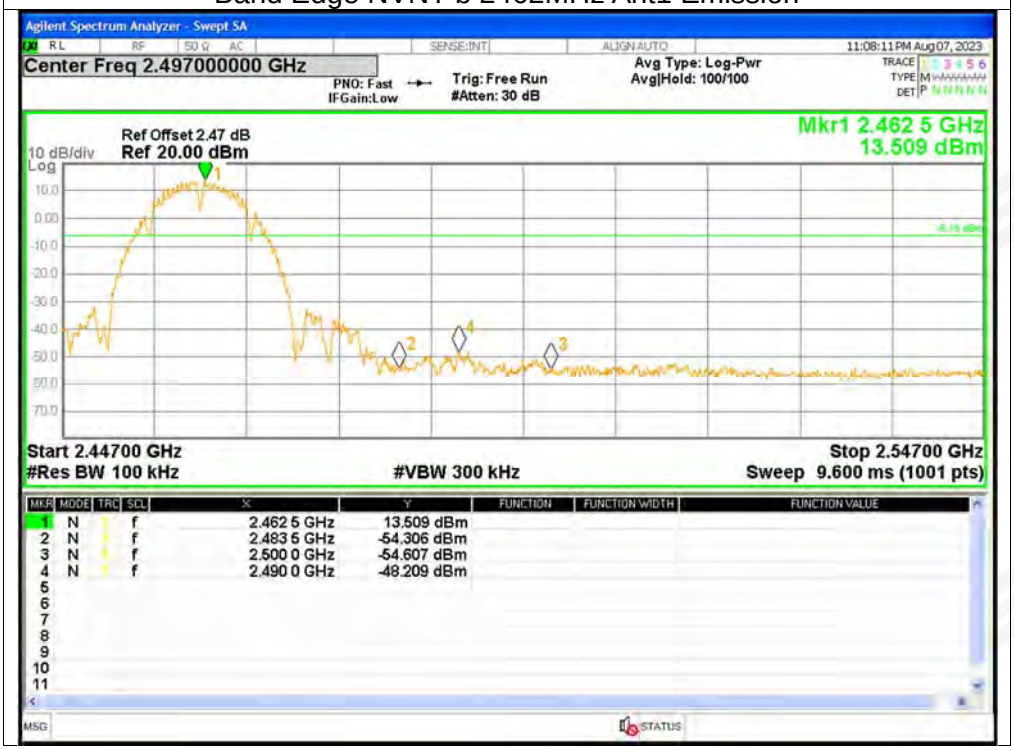
Band Edge NVNT b 2412MHz Ant1 Ref

Band Edge NVNT b 2412MHz Ant1 Emission



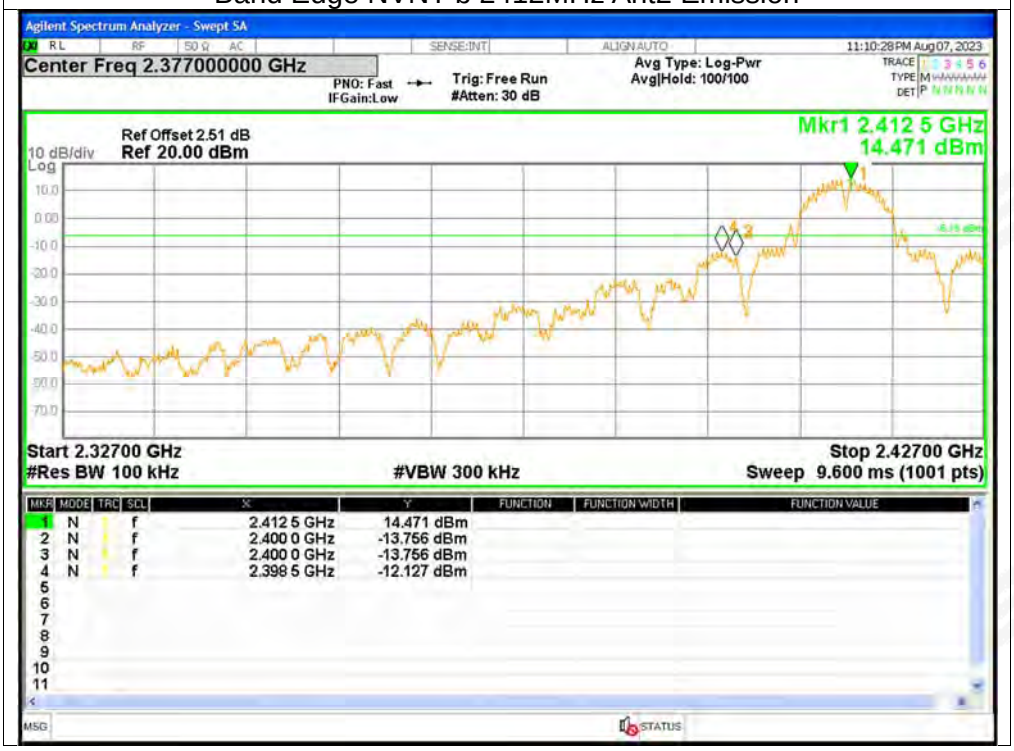
Band Edge NVNT b 2462MHz Ant1 Ref

Band Edge NVNT b 2462MHz Ant1 Emission



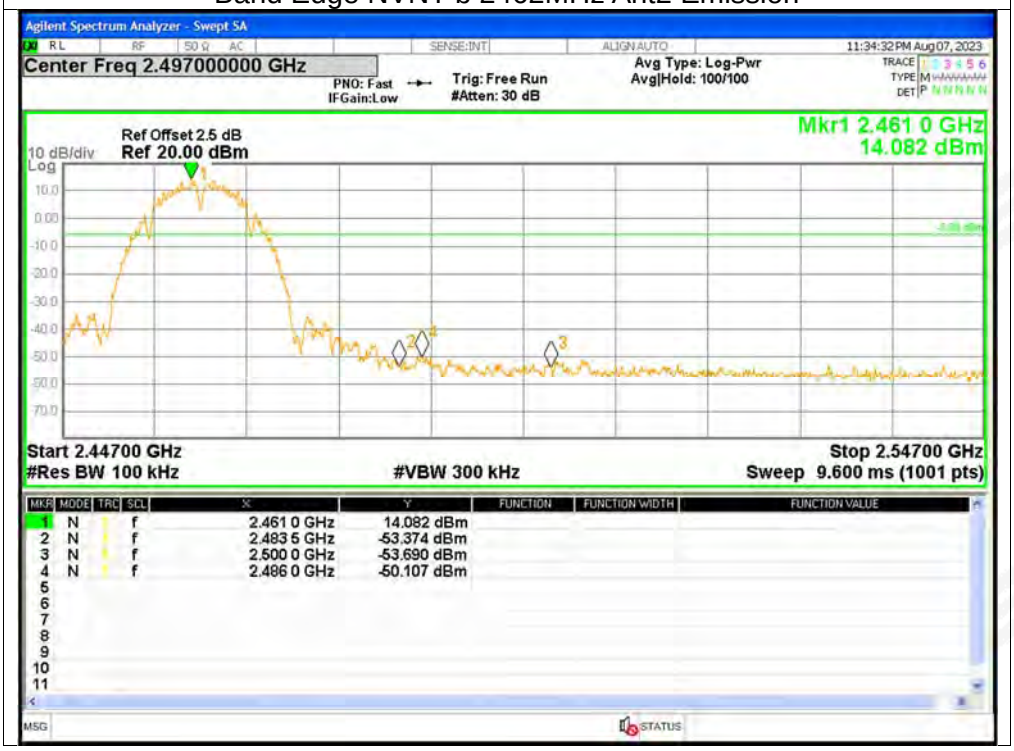
Band Edge NVNT b 2412MHz Ant2 Ref

Band Edge NVNT b 2412MHz Ant2 Emission



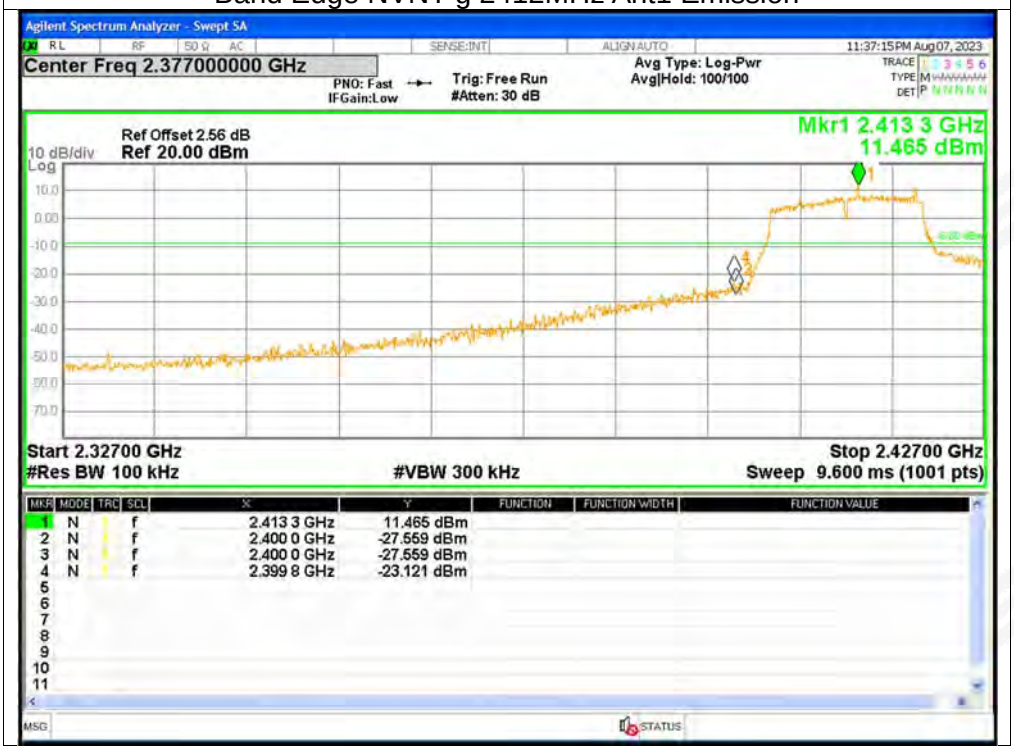
Band Edge NVNT b 2462MHz Ant2 Ref

Band Edge NVNT b 2462MHz Ant2 Emission

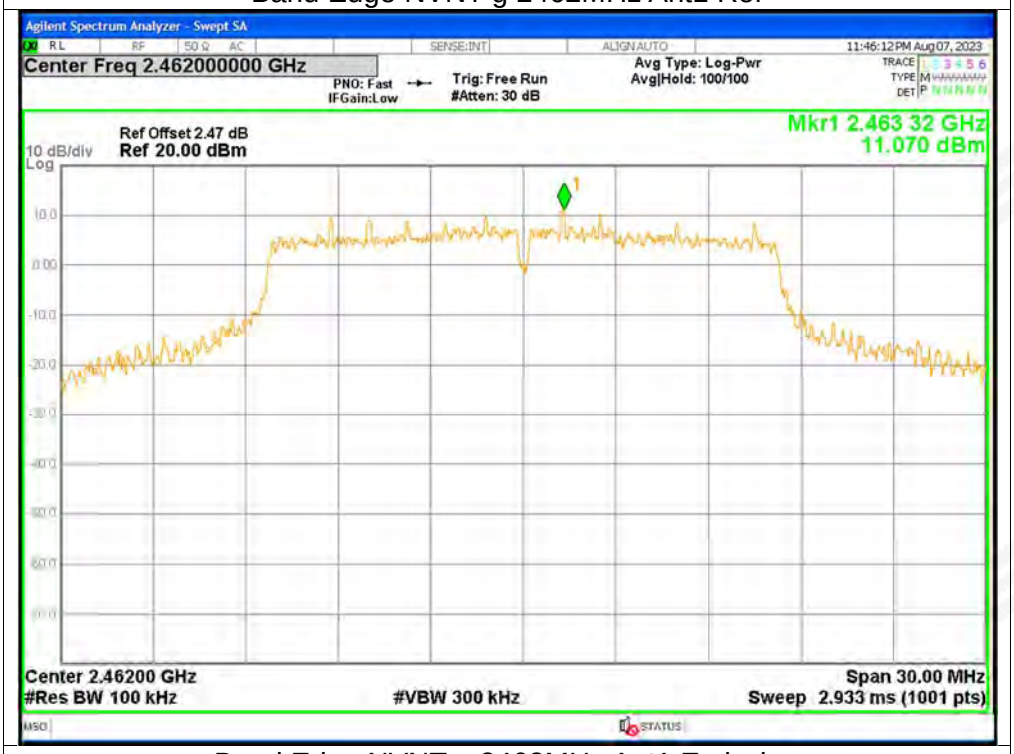


Band Edge NVNT g 2412MHz Ant1 Ref

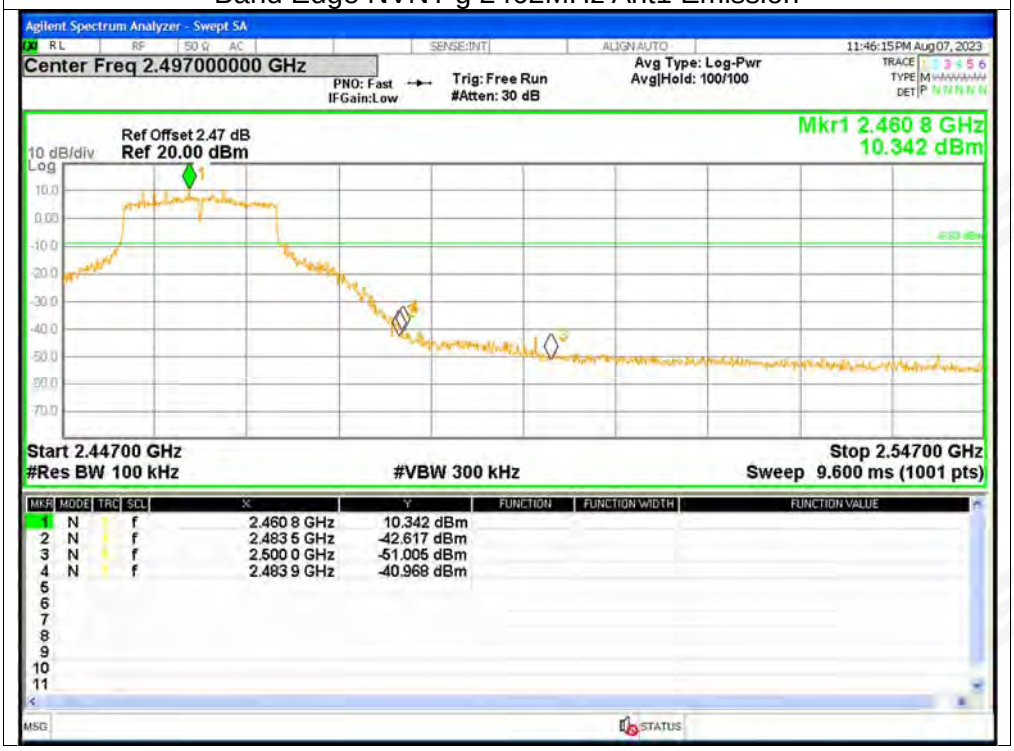
Band Edge NVNT g 2412MHz Ant1 Emission



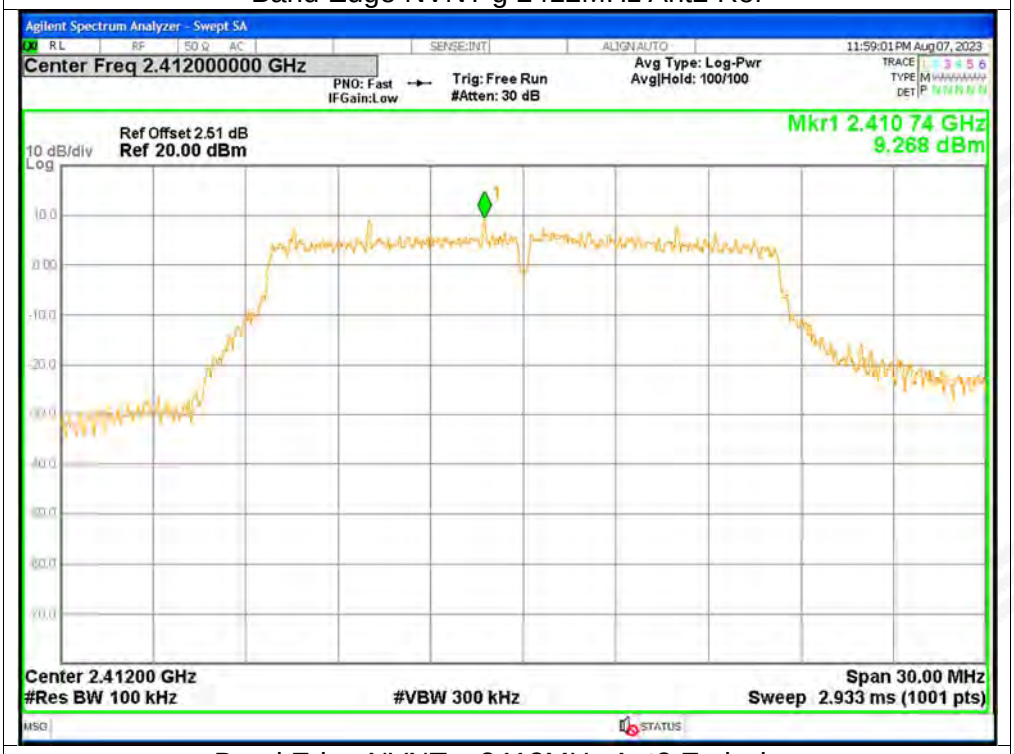
Band Edge NVNT g 2462MHz Ant1 Ref



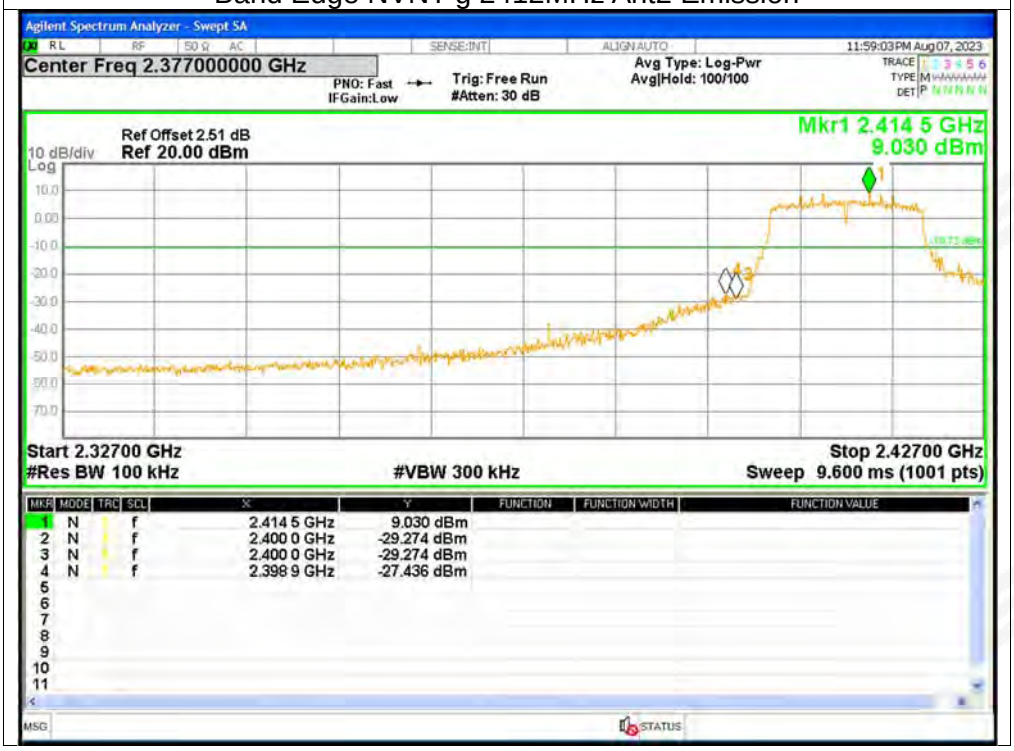
Band Edge NVNT g 2462MHz Ant1 Emission



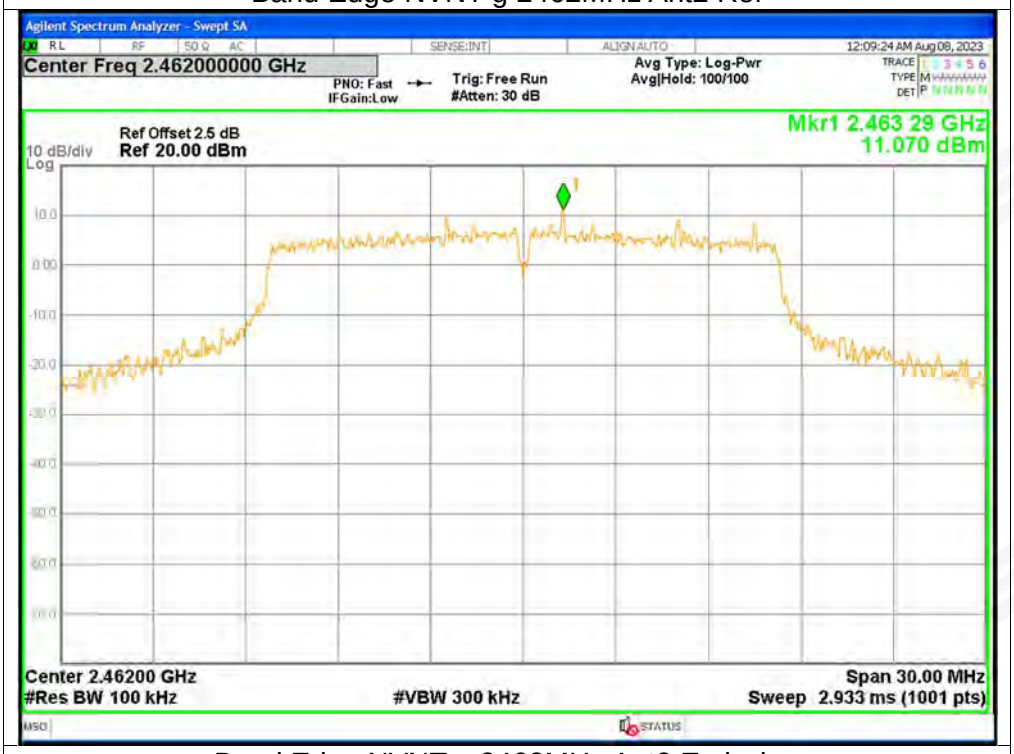
Band Edge NVNT g 2412MHz Ant2 Ref



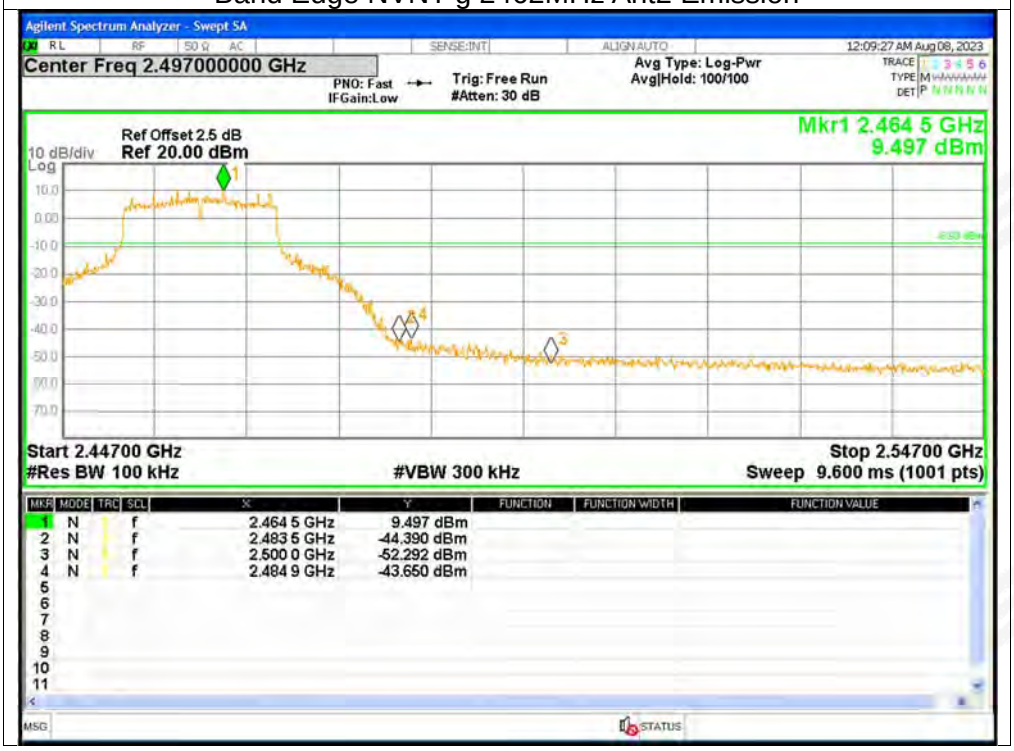
Band Edge NVNT g 2412MHz Ant2 Emission



Band Edge NVNT g 2462MHz Ant2 Ref

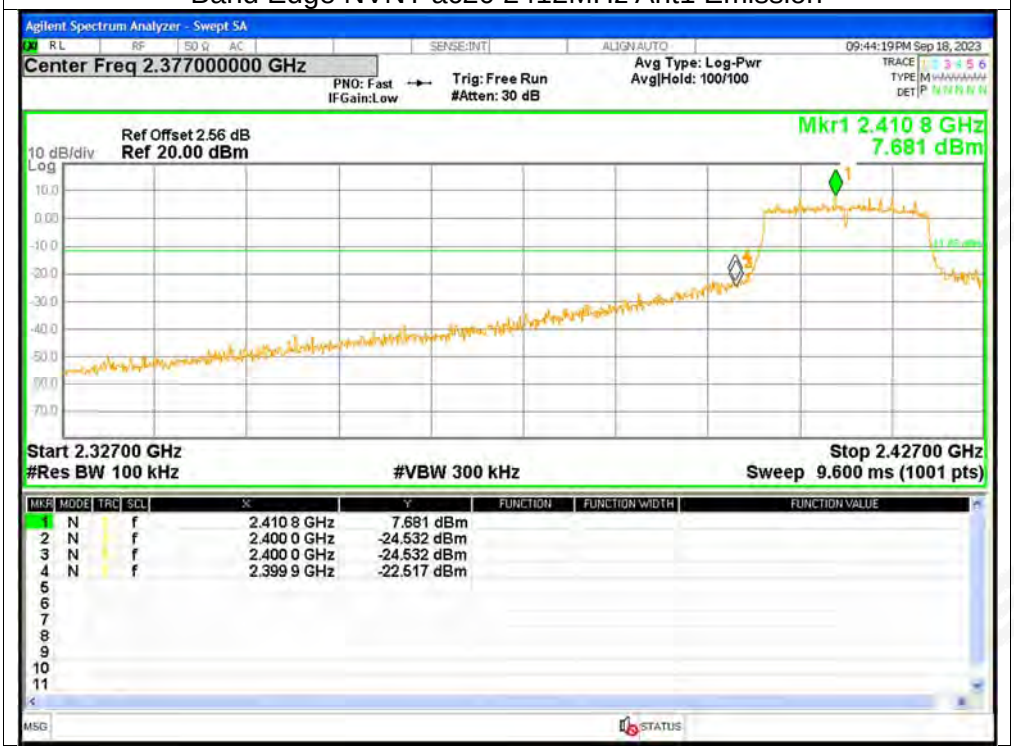


Band Edge NVNT g 2462MHz Ant2 Emission

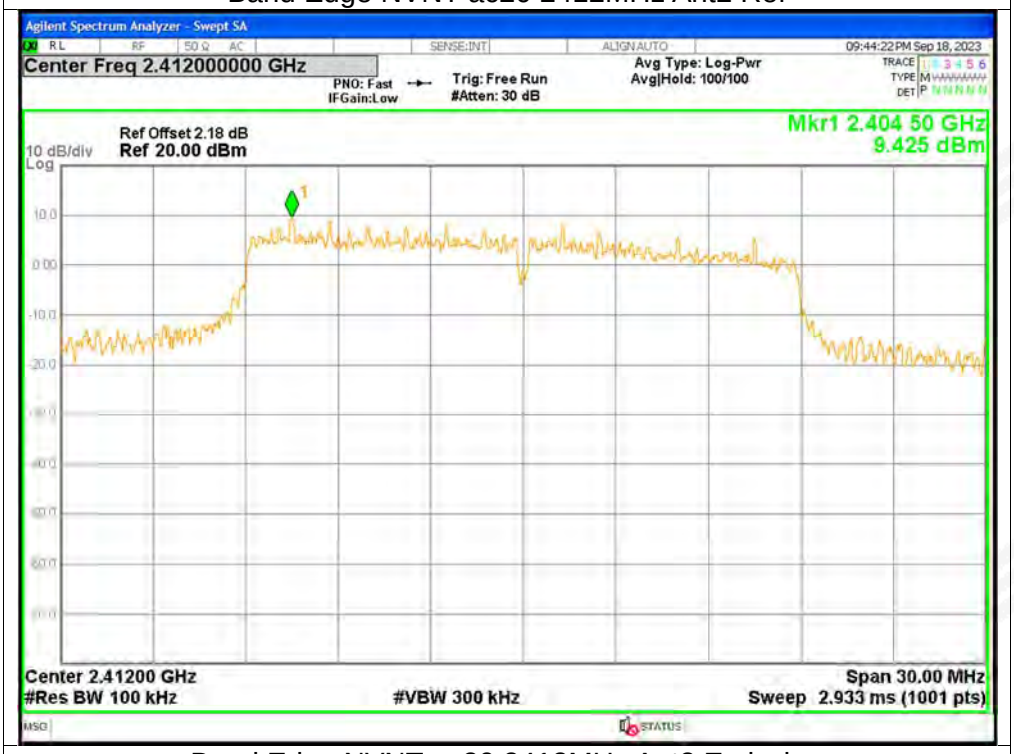
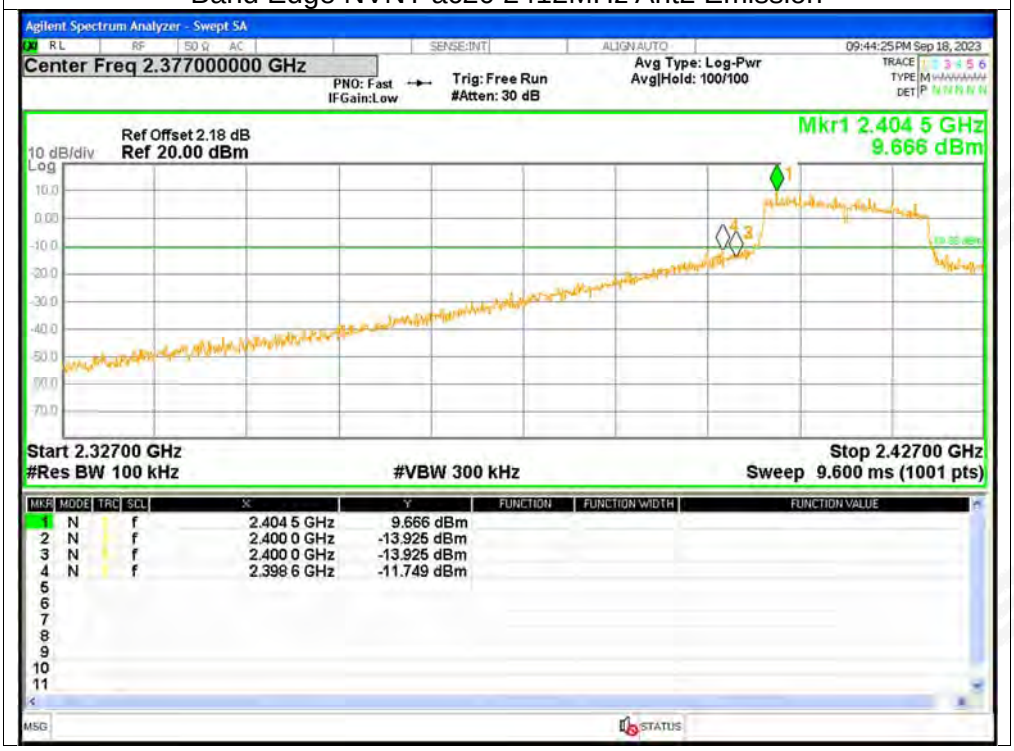


Band Edge NVNT ac20 2412MHz Ant1 Ref

Band Edge NVNT ac20 2412MHz Ant1 Emission



Band Edge NVNT ac20 2412MHz Ant2 Ref



Band Edge NVNT ac20 2412MHz Ant2 Emission