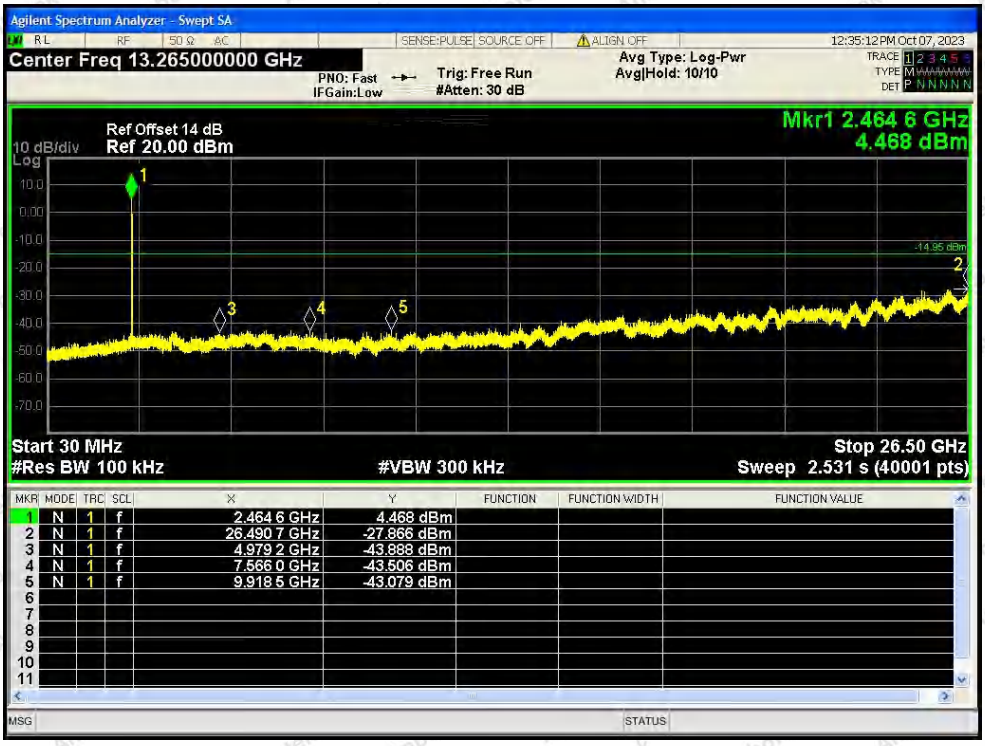
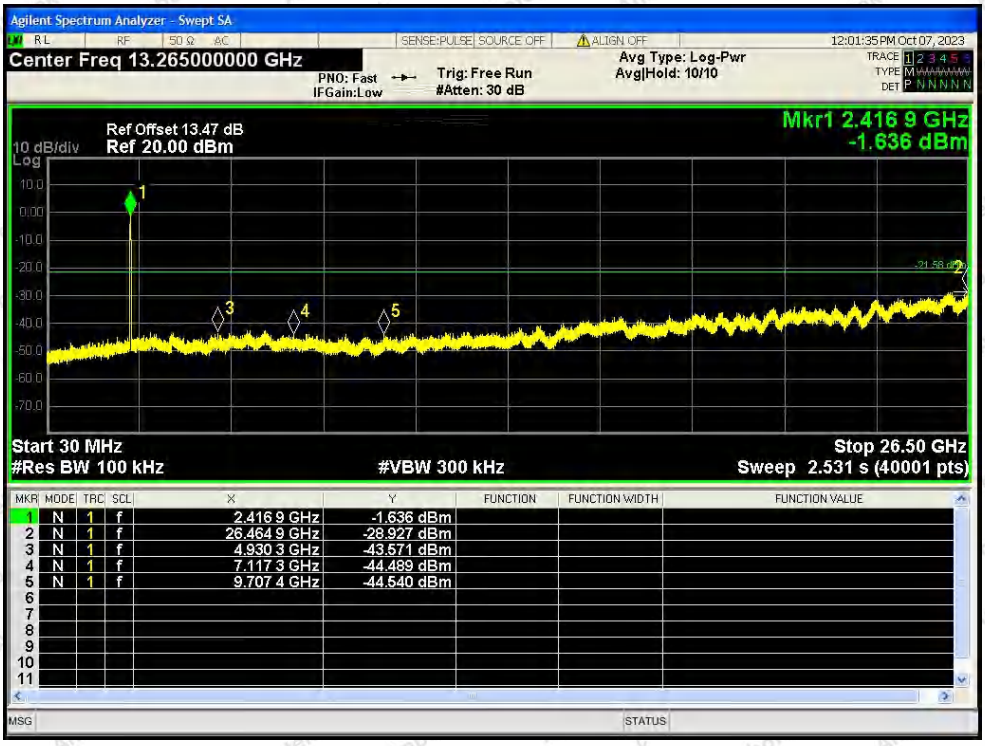
Tx. Spurious NVNT n20 2462MHz Ant2 Ref MIMO

Tx. Spurious NVNT n20 2462MHz Ant2 Emission MIMO



Tx. Spurious NVNT n40 2422MHz Ant1 Ref SISO

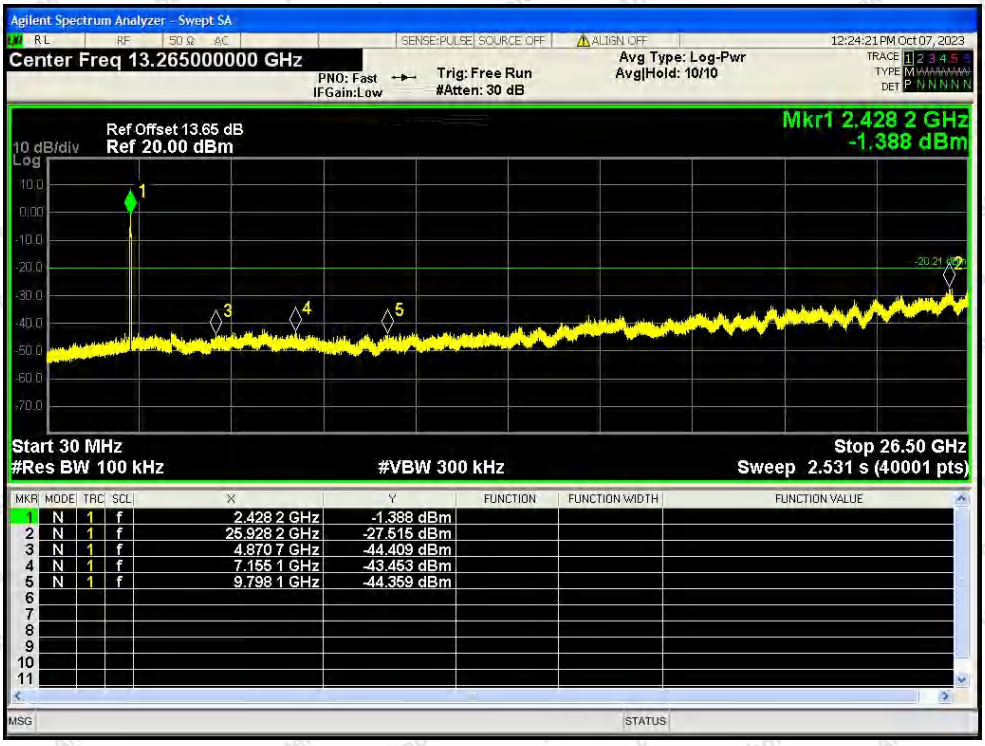
Tx. Spurious NVNT n40 2422MHz Ant1 Emission SISO



MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.416 9 GHz	-1.636 dBm			
2	N	1	f	26.464 9 GHz	-28.927 dBm			
3	N	1	f	4.930 3 GHz	-43.571 dBm			
4	N	1	f	7.117 3 GHz	-44.489 dBm			
5	N	1	f	9.707 4 GHz	-44.540 dBm			
6								
7								
8								
9								
10								
11								

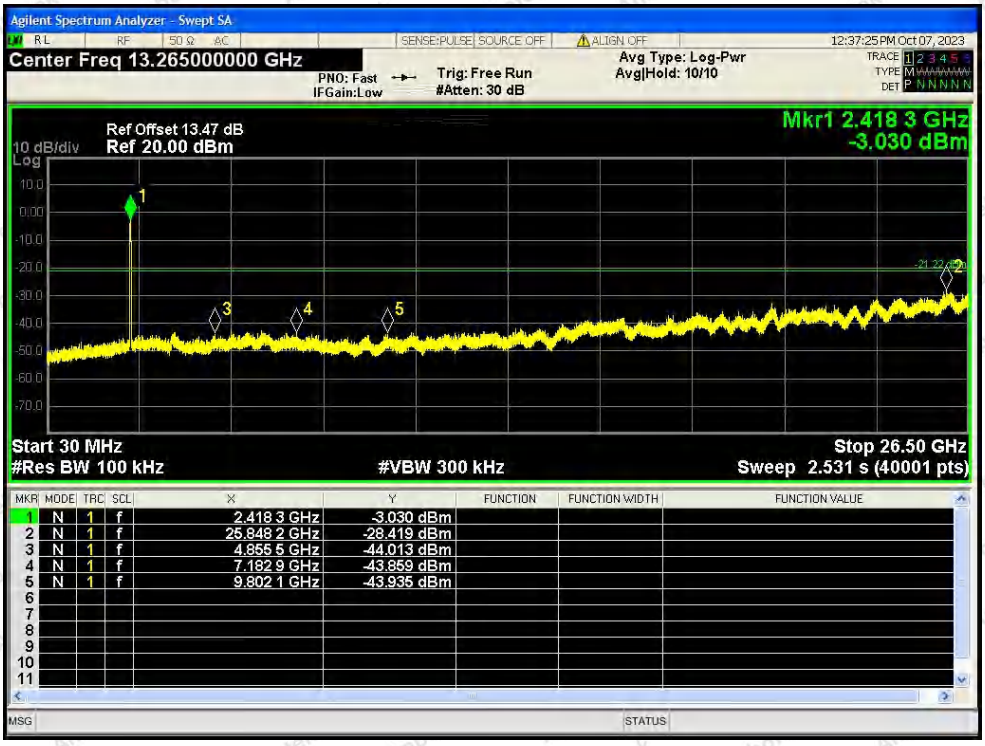
Tx. Spurious NVNT n40 2422MHz Ant2 Ref SISO

Tx. Spurious NVNT n40 2422MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2422MHz Ant1 Ref MIMO

Tx. Spurious NVNT n40 2422MHz Ant1 Emission MIMO



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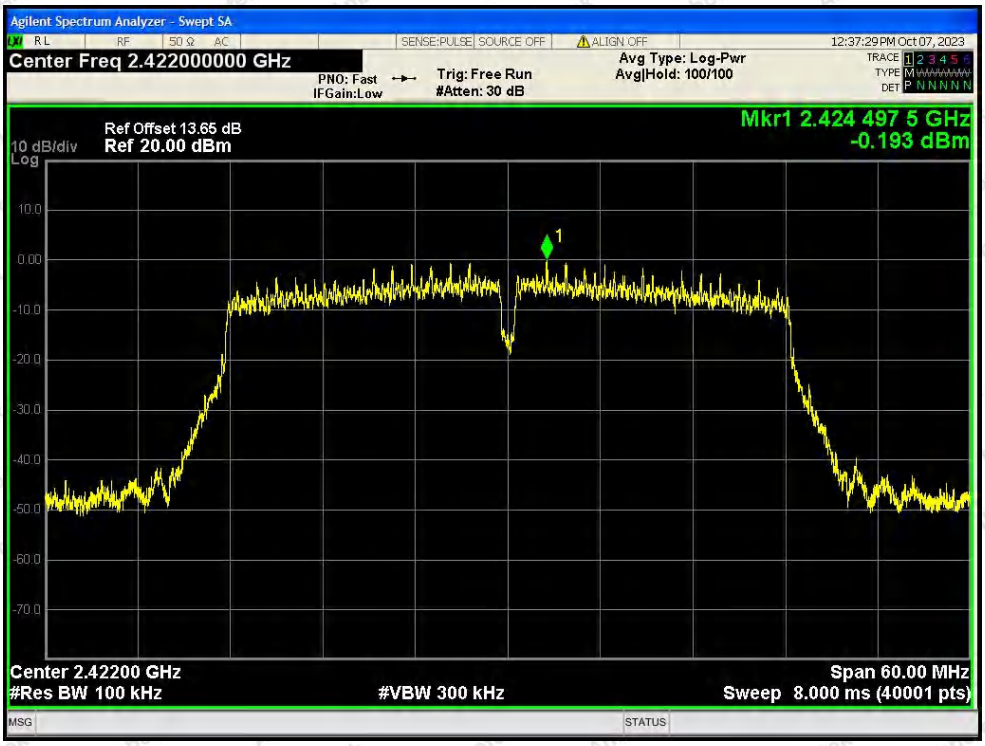
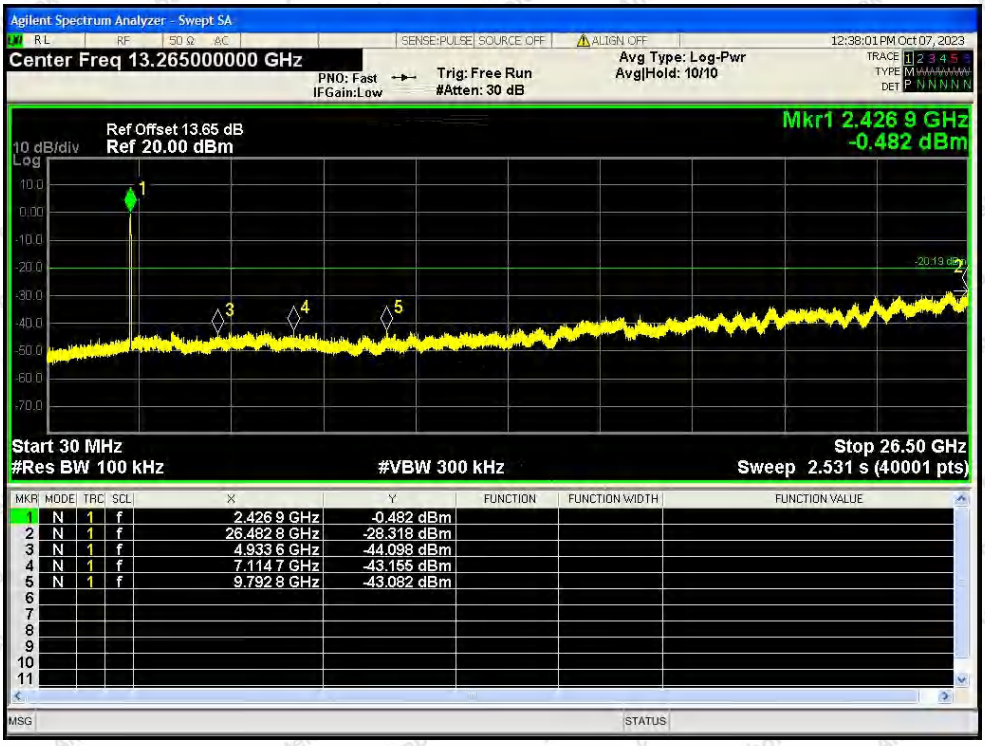
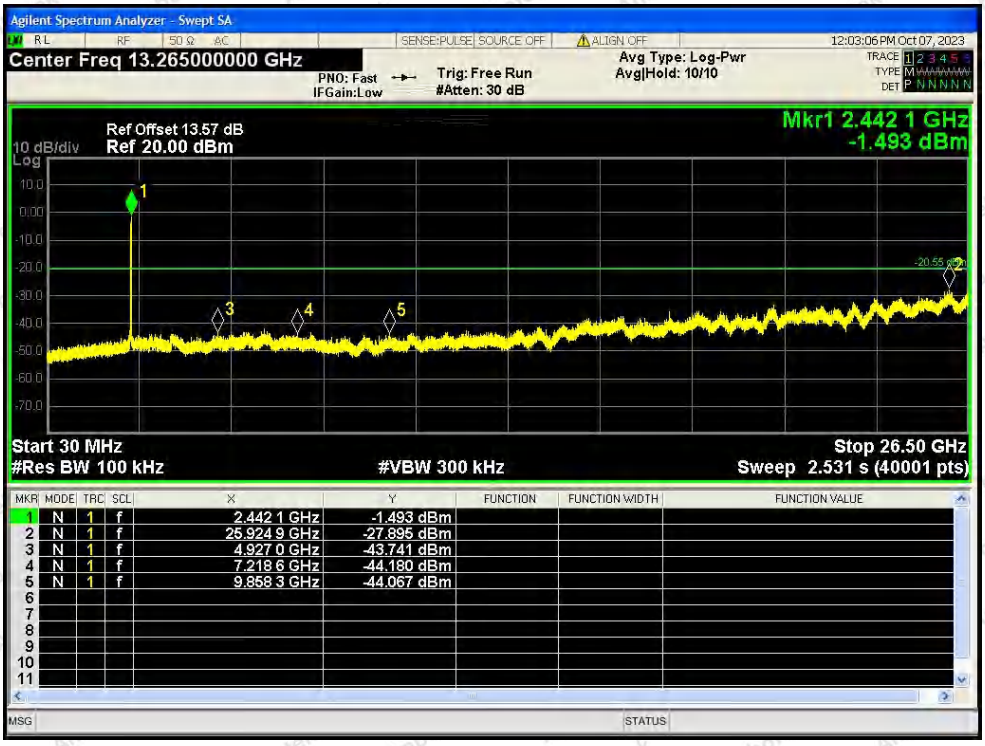


Tx. Spurious NVNT n40 2422MHz Ant2 Emission MIMO



Tx. Spurious NVNT n40 2437MHz Ant1 Ref SISO

Tx. Spurious NVNT n40 2437MHz Ant1 Emission SISO



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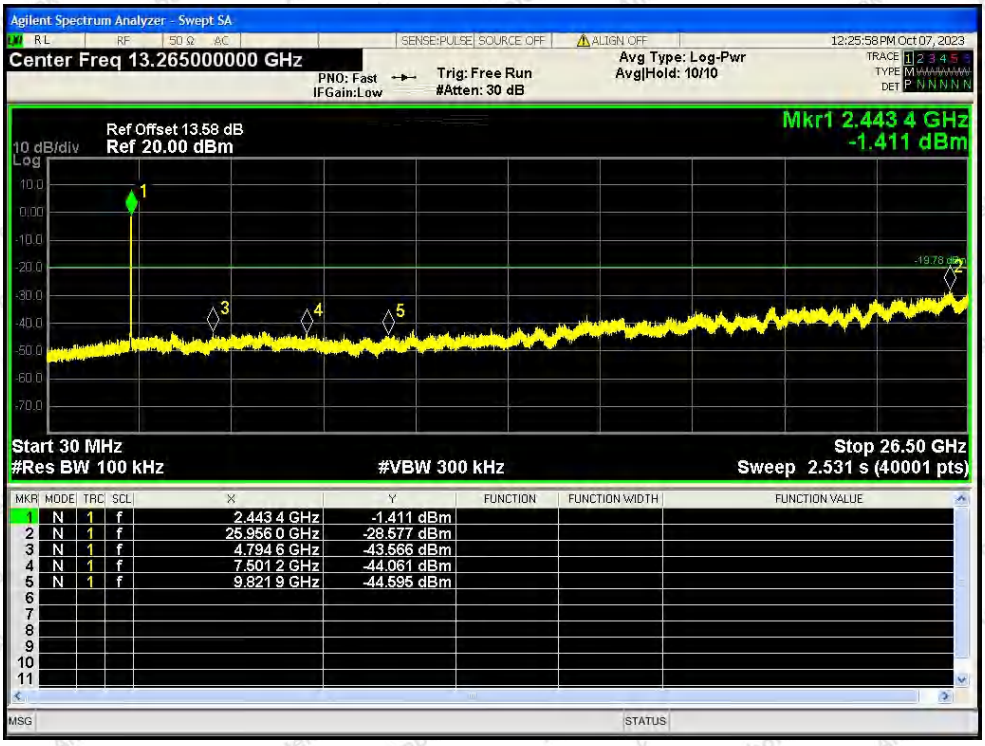

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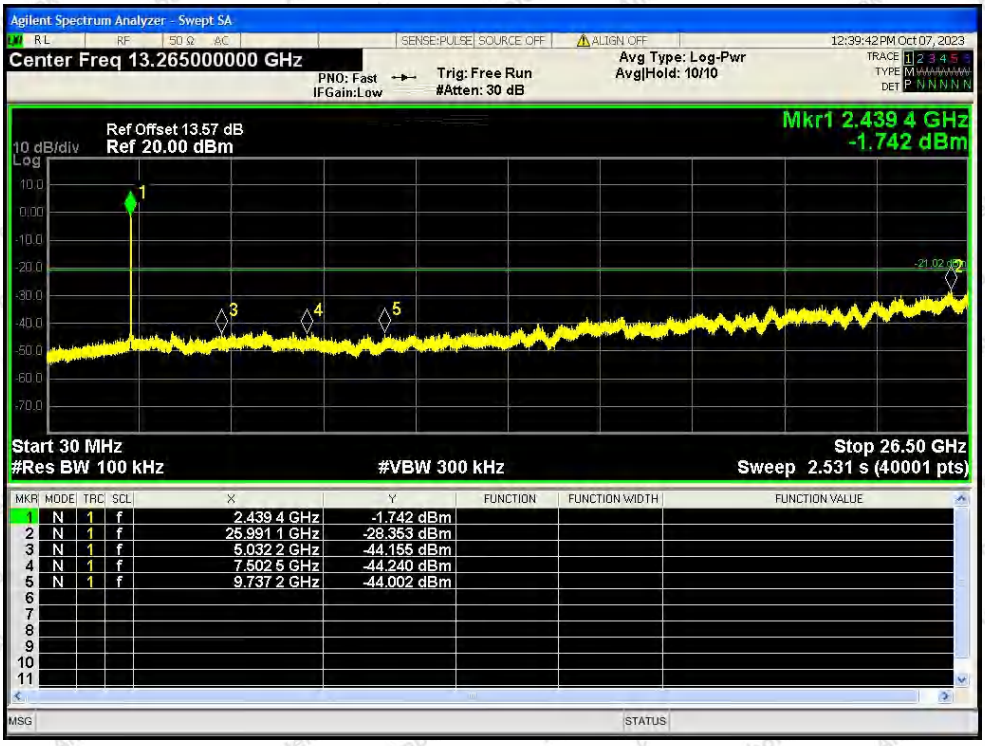
Tx. Spurious NVNT n40 2437MHz Ant1 Emission MIMO



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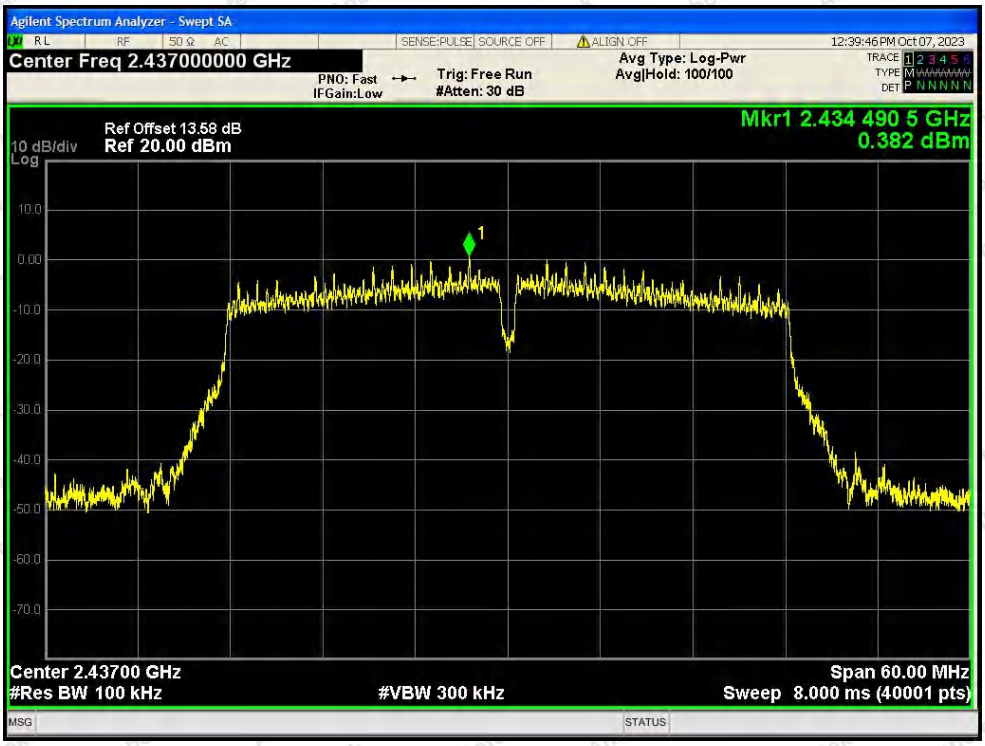

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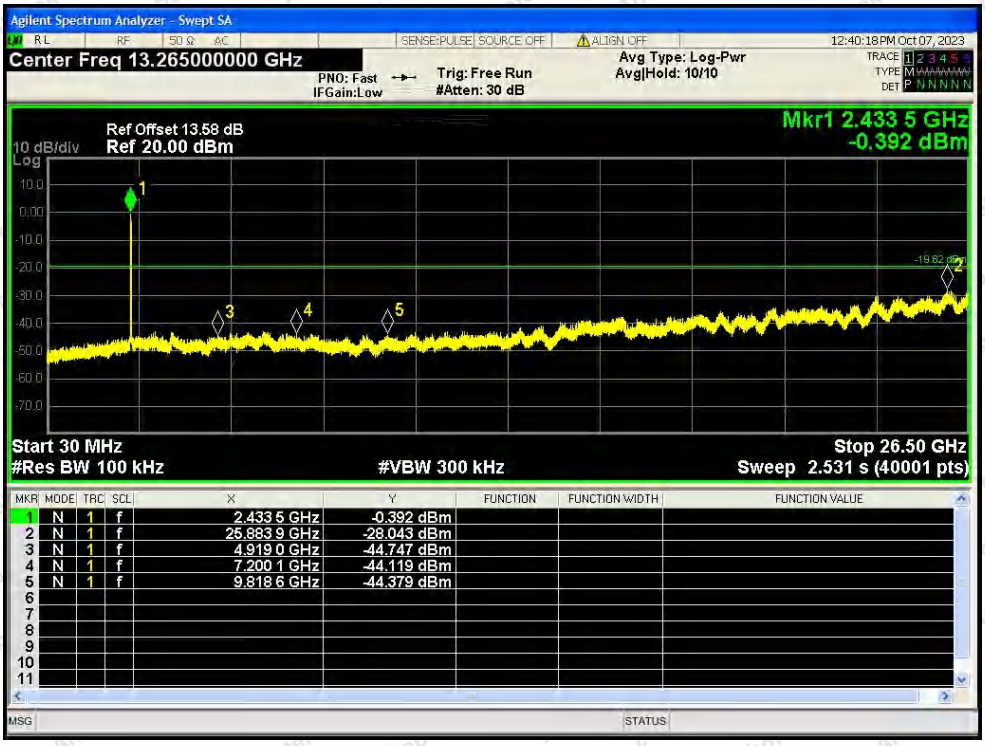
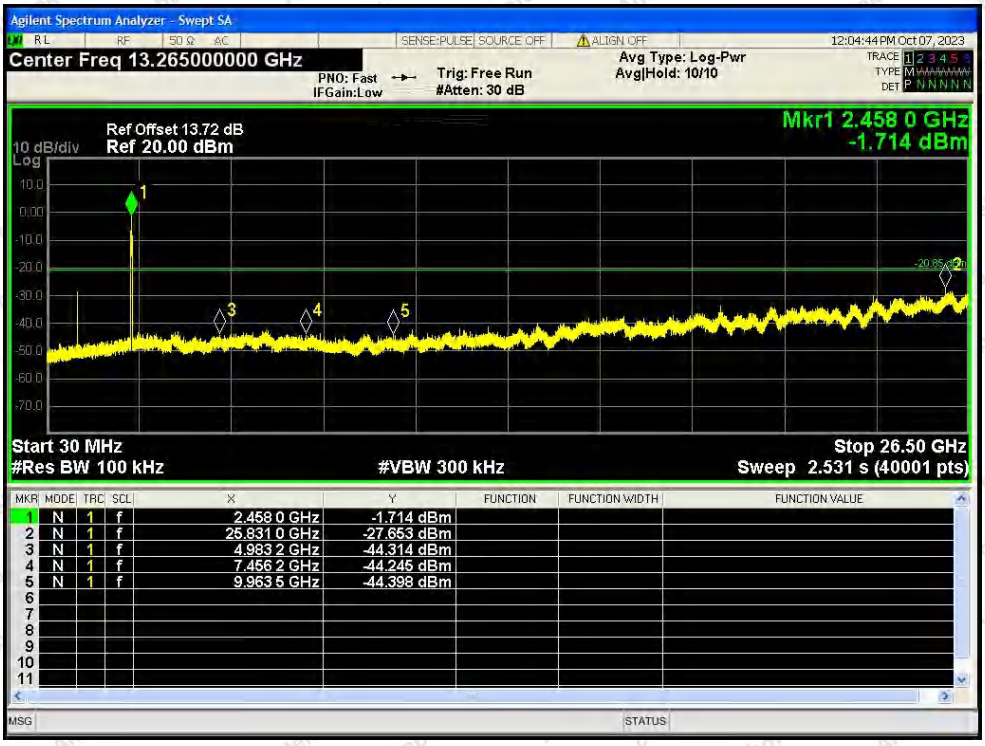


Tx. Spurious NVNT n40 2452MHz Ant1 Ref SISO

Tx. Spurious NVNT n40 2452MHz Ant1 Emission SISO



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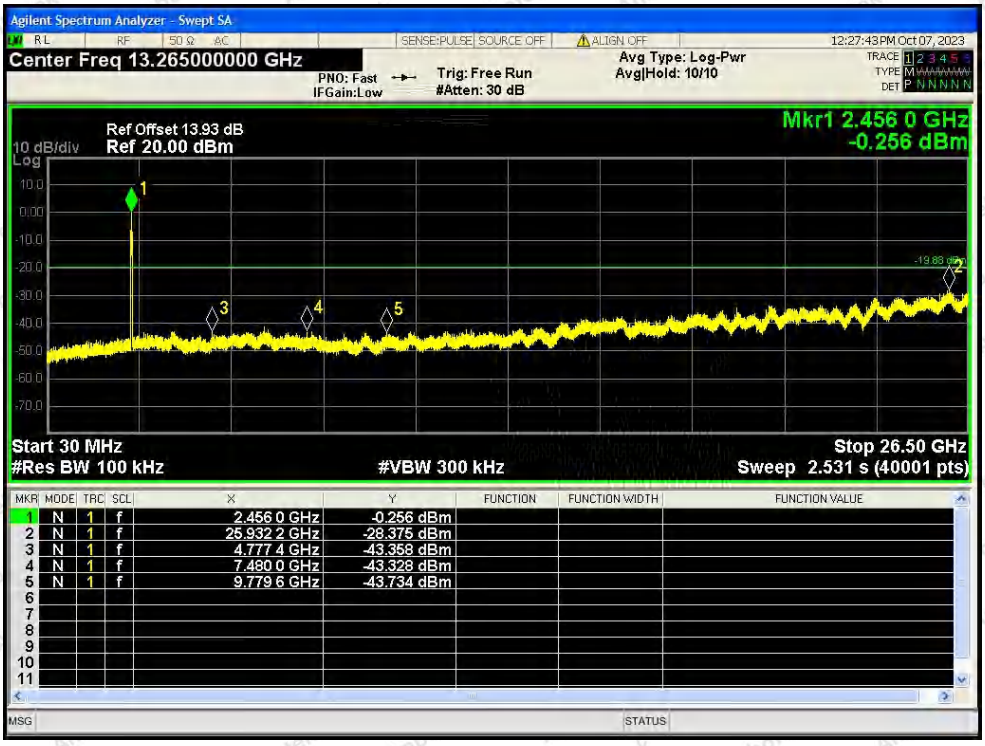
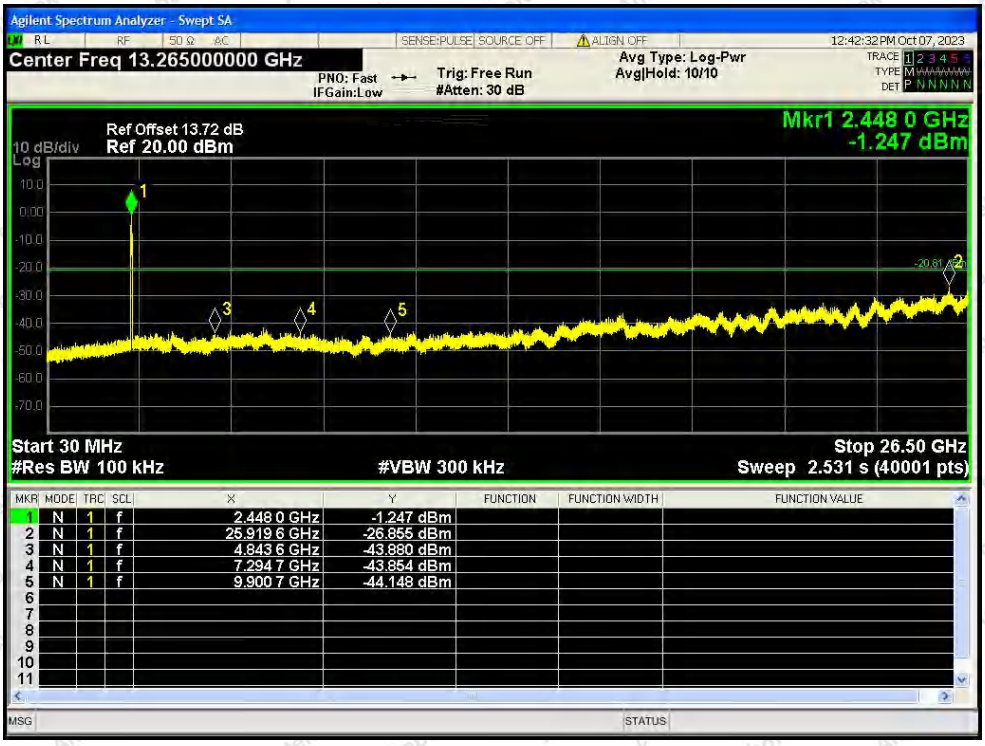
Tx. Spurious NVNT n40 2452MHz Ant2 Emission SISO



Tx. Spurious NVNT n40 2452MHz Ant1 Ref MIMO

Tx. Spurious NVNT n40 2452MHz Ant1 Emission MIMO



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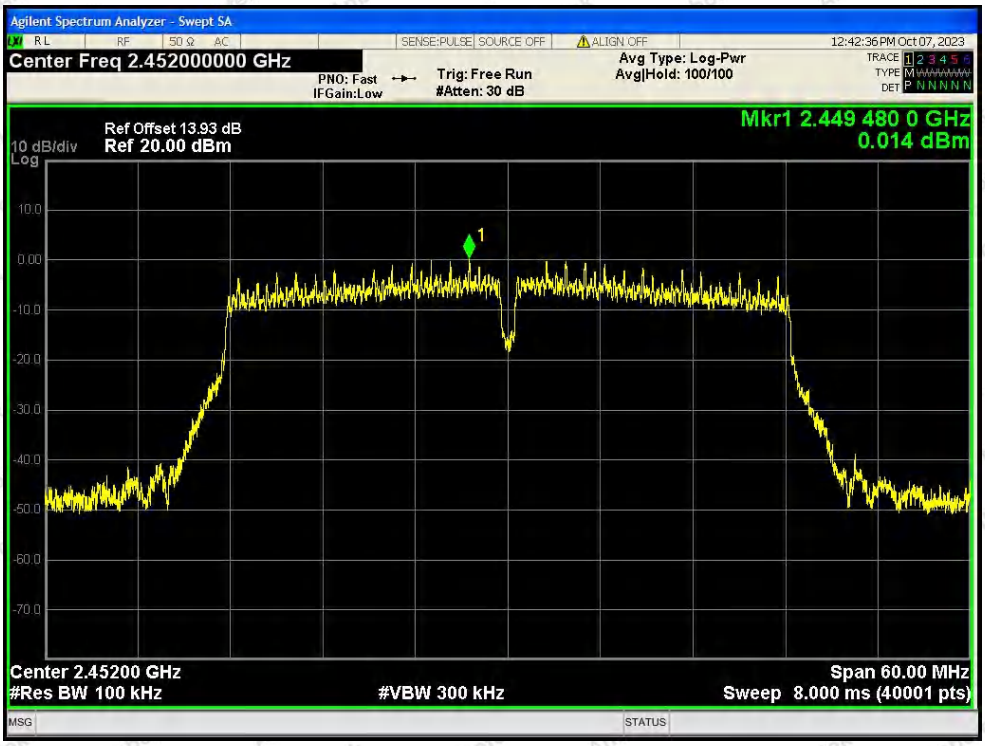
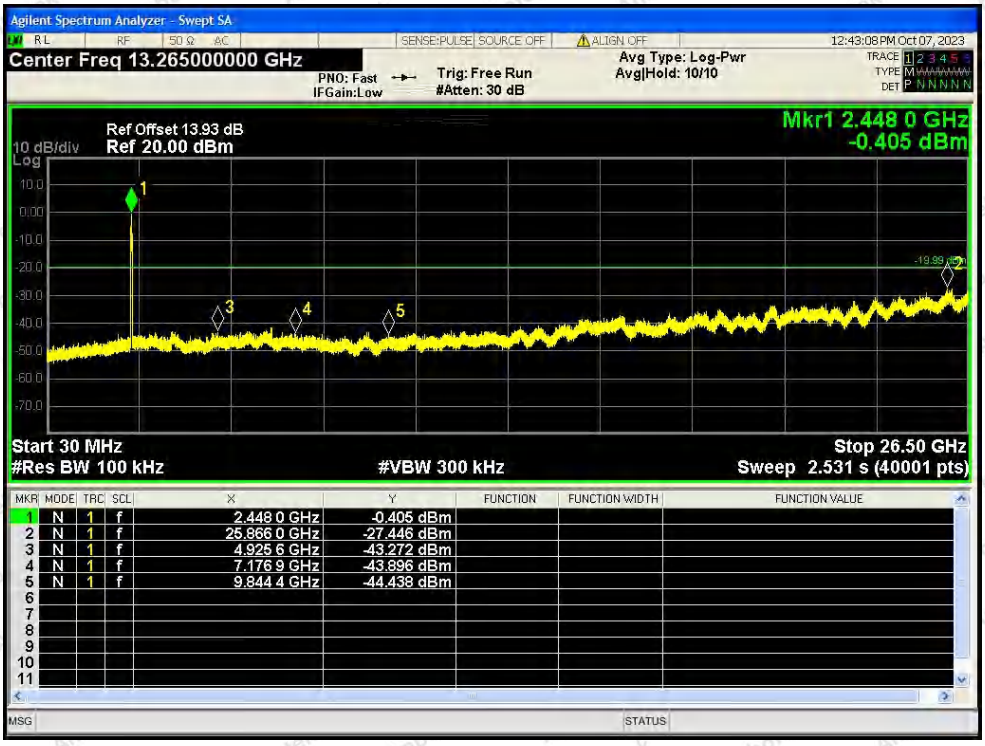


Tx. Spurious NVNT n40 2452MHz Ant2 Emission MIMO



A.6. Band Edge

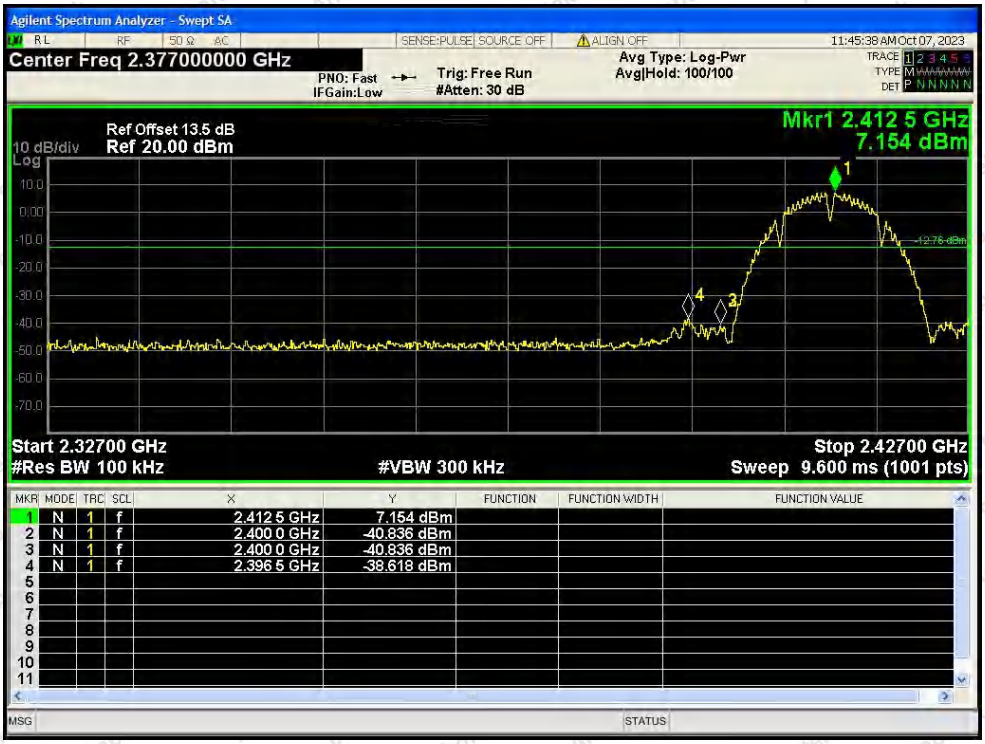
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b SISO	2412	Ant1	-45.86	-20	Pass
NVNT	b SISO	2412	Ant2	-47.52	-20	Pass
NVNT	b SISO	2462	Ant1	-52.6	-20	Pass
NVNT	b SISO	2462	Ant2	-53.33	-20	Pass
NVNT	g SISO	2412	Ant1	-43.77	-20	Pass
NVNT	g SISO	2412	Ant2	-44.33	-20	Pass
NVNT	g SISO	2462	Ant1	-48.28	-20	Pass
NVNT	g SISO	2462	Ant2	-49.35	-20	Pass
NVNT	n20 SISO	2412	Ant1	-45.18	-20	Pass
NVNT	n20 SISO	2412	Ant2	-45.42	-20	Pass
NVNT	n20 MIMO	2412	Ant1	-44.42	-20	Pass
NVNT	n20 MIMO	2412	Ant2	-41.16	-20	Pass
NVNT	n20 SISO	2462	Ant1	-48.58	-20	Pass
NVNT	n20 SISO	2462	Ant2	-47.8	-20	Pass
NVNT	n20 MIMO	2462	Ant1	-48.95	-20	Pass
NVNT	n20 MIMO	2462	Ant2	-48.37	-20	Pass
NVNT	n40 SISO	2422	Ant1	-40.93	-20	Pass
NVNT	n40 SISO	2422	Ant2	-41.33	-20	Pass
NVNT	n40 MIMO	2422	Ant1	-39.19	-20	Pass
NVNT	n40 MIMO	2422	Ant2	-40.82	-20	Pass
NVNT	n40 SISO	2452	Ant1	-43.3	-20	Pass
NVNT	n40 SISO	2452	Ant2	-44.6	-20	Pass
NVNT	n40 MIMO	2452	Ant1	-44.31	-20	Pass
NVNT	n40	2452	Ant2	-44.6	-20	Pass

	MIMO					

Test Graphs

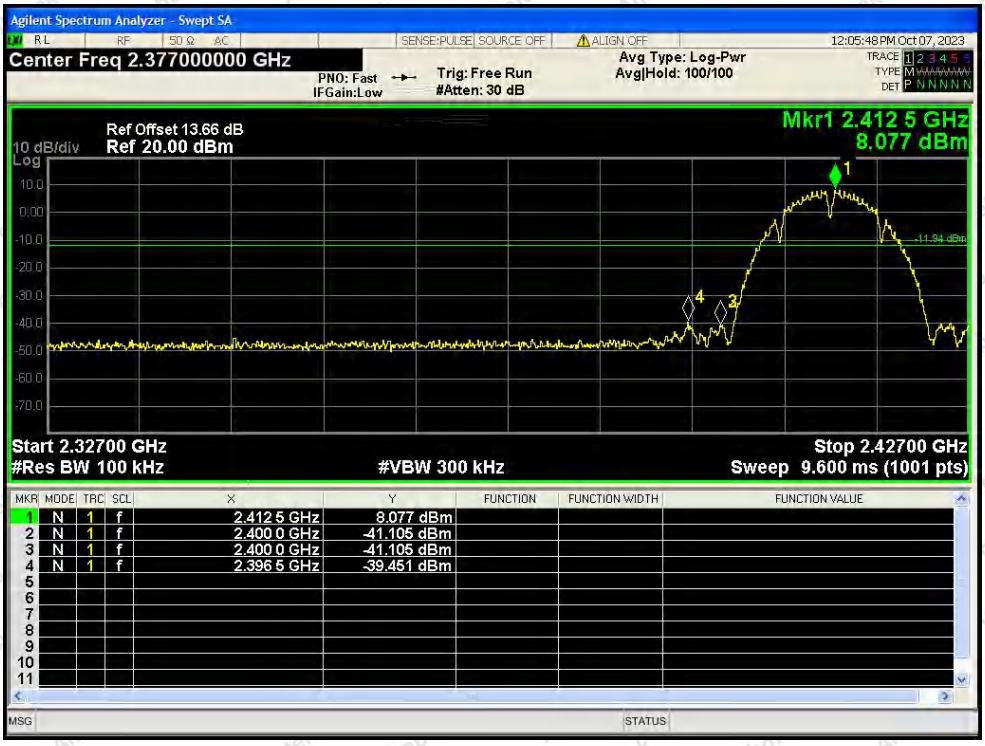
Band Edge NVNT b 2412MHz Ant1 Ref SISO

Band Edge NVNT b 2412MHz Ant1 Emission SISO



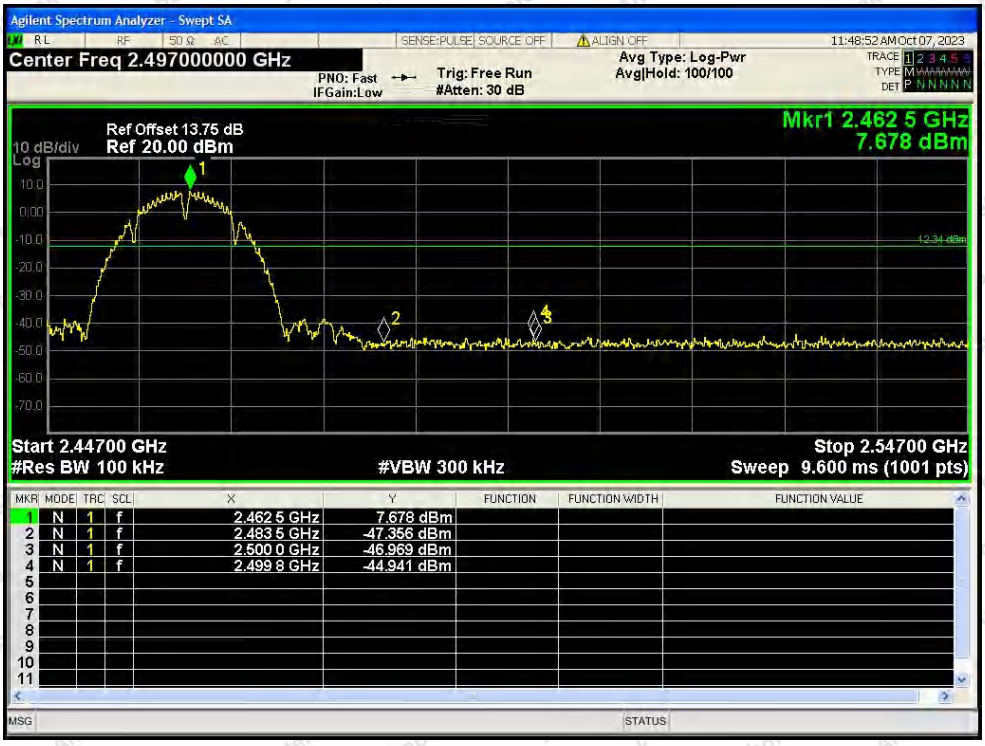
Band Edge NVNT b 2412MHz Ant2 Ref SISO

Band Edge NVNT b 2412MHz Ant2 Emission SISO



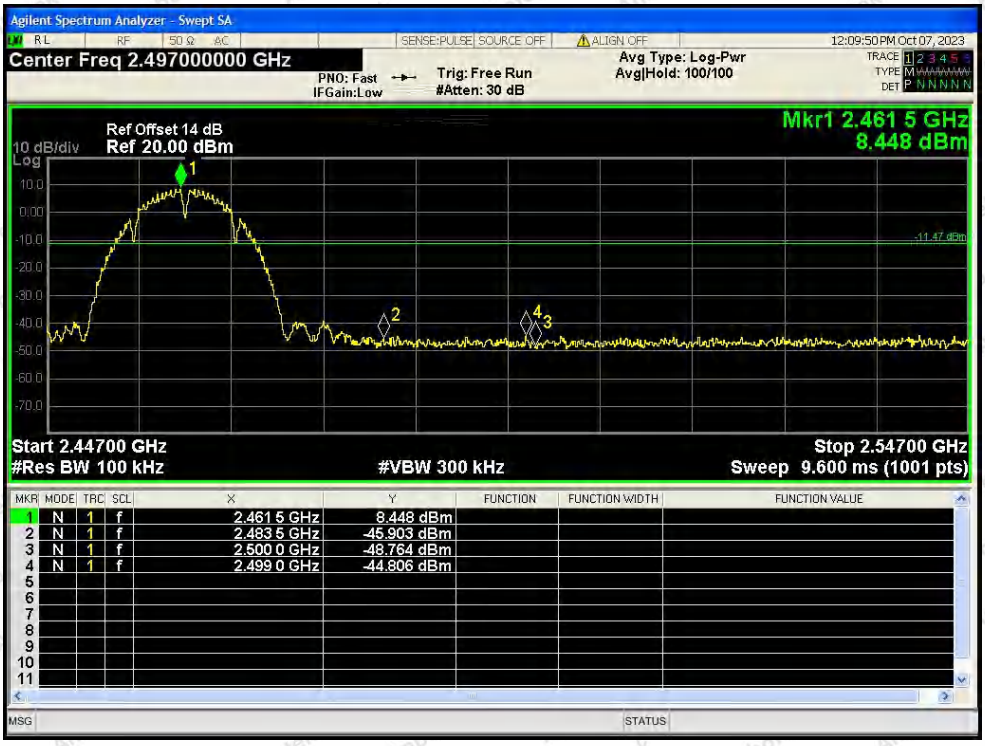
Band Edge NVNT b 2462MHz Ant1 Ref SISO

Band Edge NVNT b 2462MHz Ant1 Emission SISO

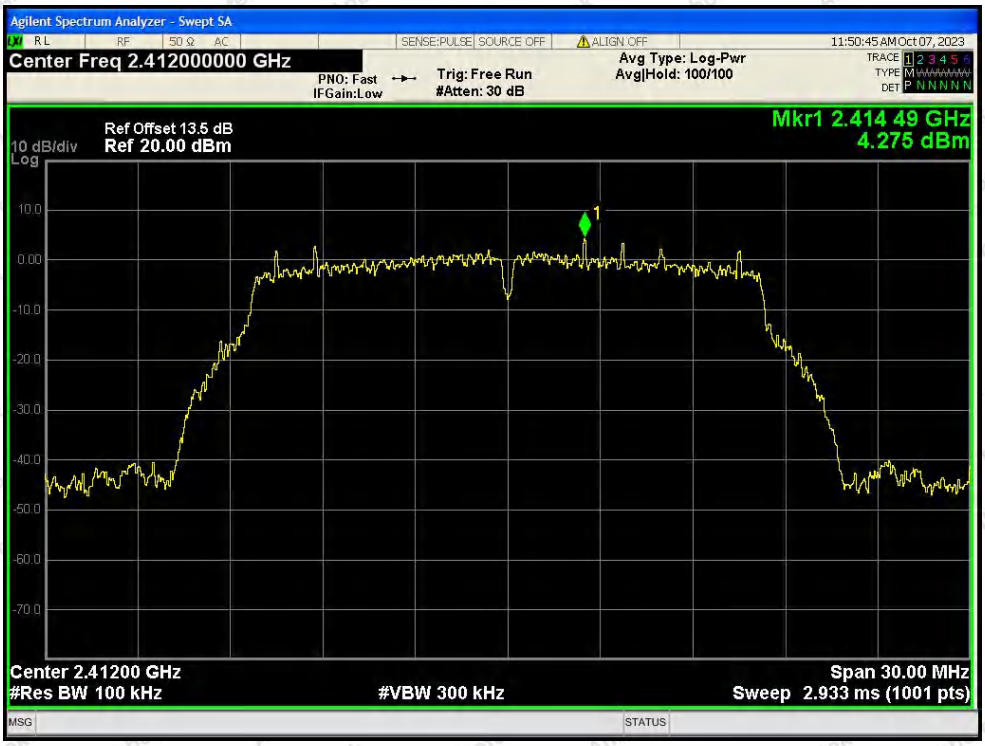


Band Edge NVNT b 2462MHz Ant2 Ref SISO

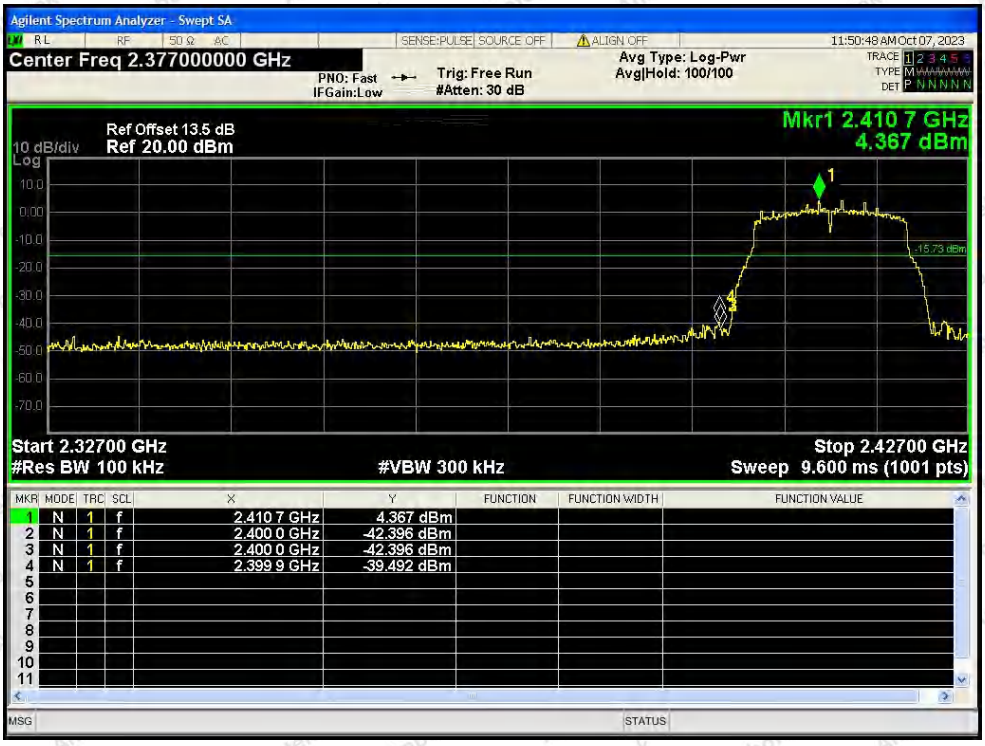
Band Edge NVNT b 2462MHz Ant2 Emission SISO



Band Edge NVNT g 2412MHz Ant1 Ref SISO

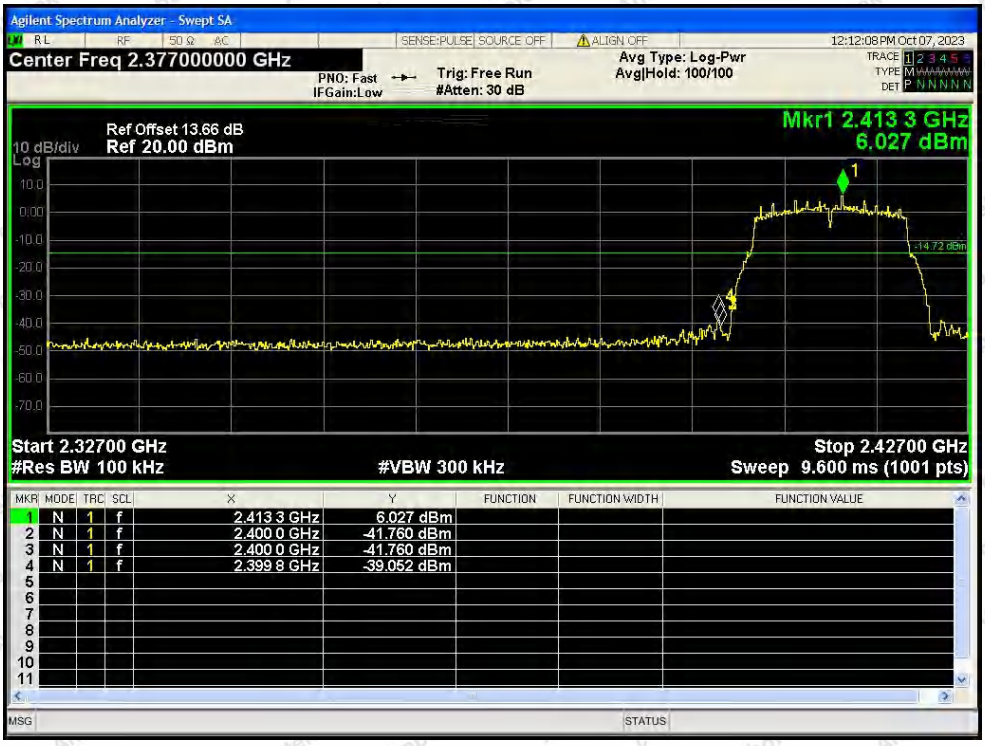


Band Edge NVNT g 2412MHz Ant1 Emission SISO



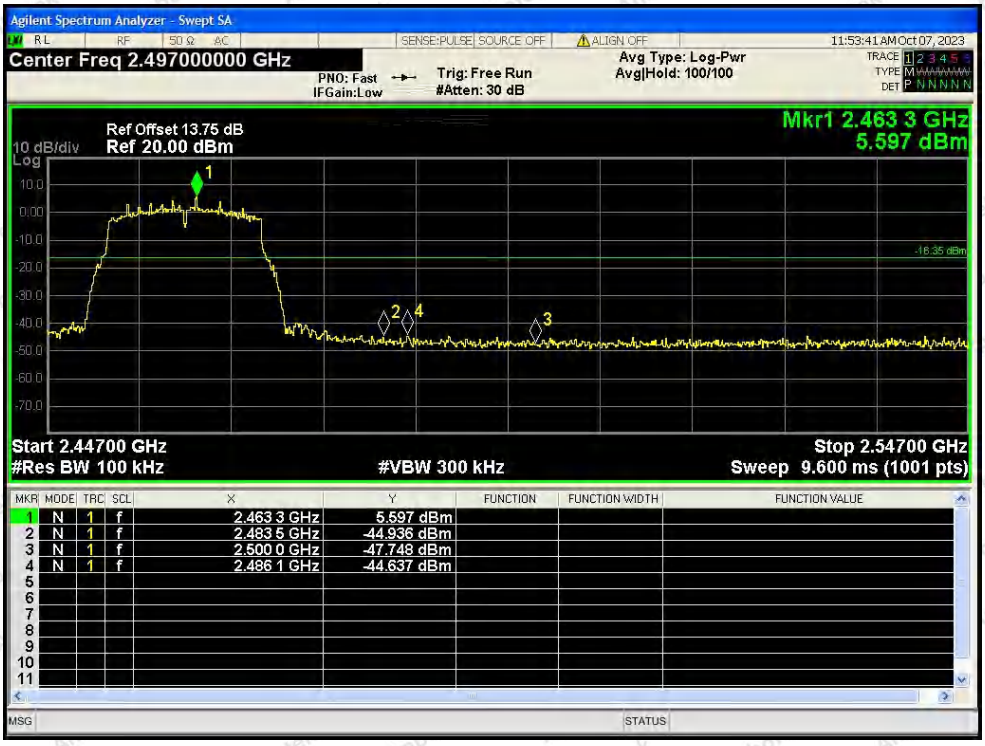
Band Edge NVNT g 2412MHz Ant2 Ref SISO

Band Edge NVNT g 2412MHz Ant2 Emission SISO



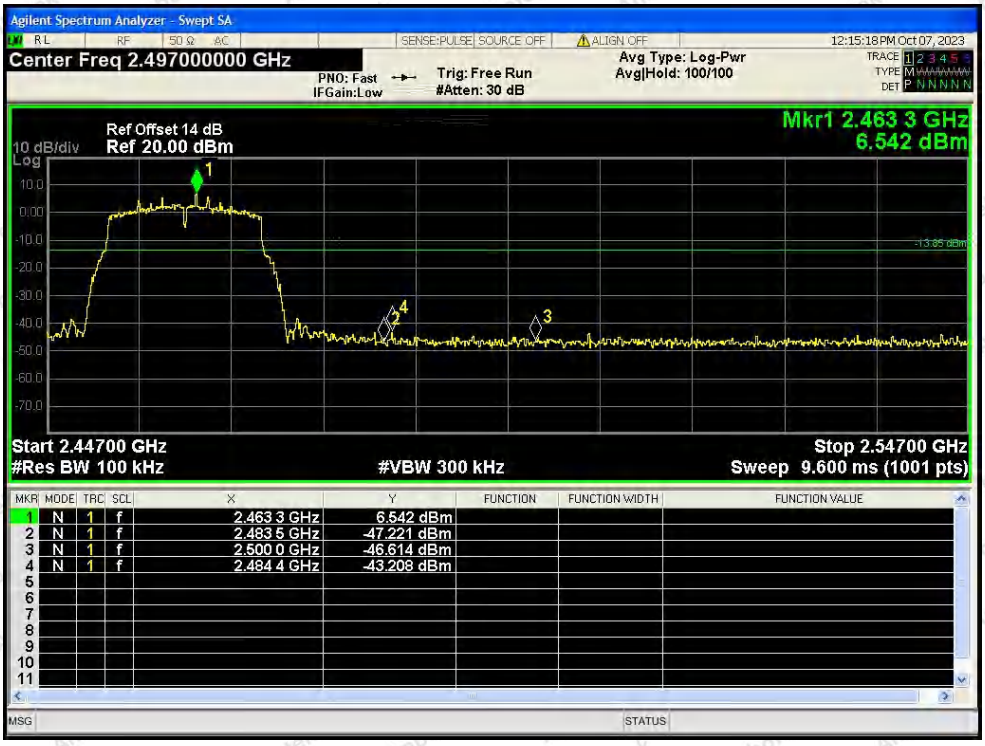
Band Edge NVNT g 2462MHz Ant1 Ref SISO

Band Edge NVNT g 2462MHz Ant1 Emission SISO



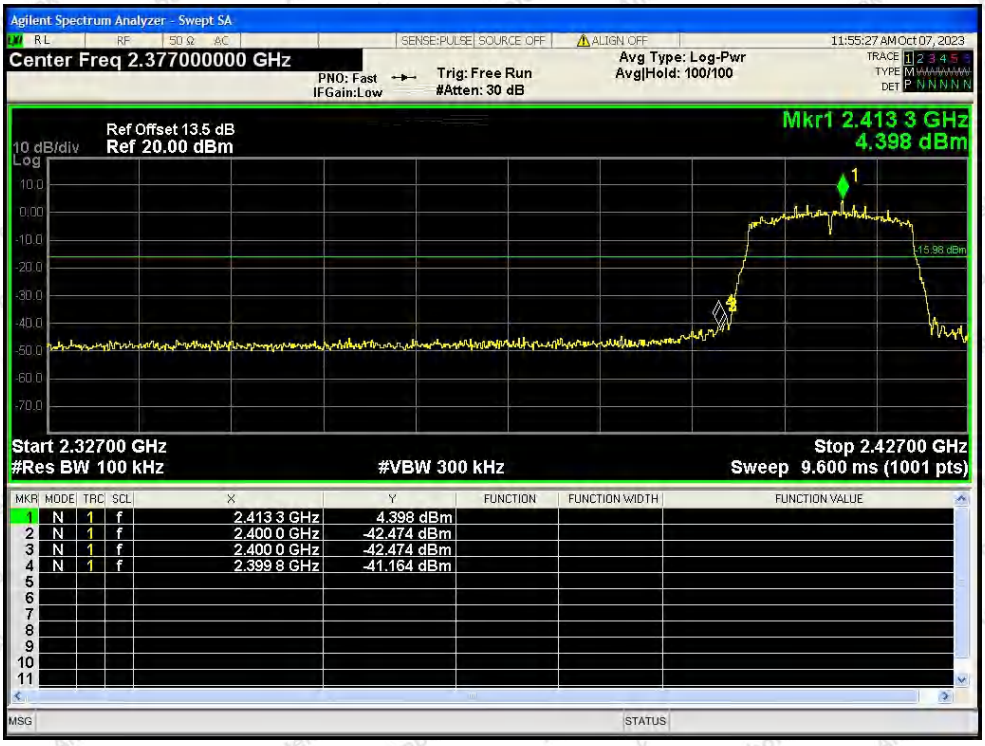
Band Edge NVNT g 2462MHz Ant2 Ref SISO

Band Edge NVNT g 2462MHz Ant2 Emission SISO



Band Edge NVNT n20 2412MHz Ant1 Ref SISO

Band Edge NVNT n20 2412MHz Ant1 Emission SISO



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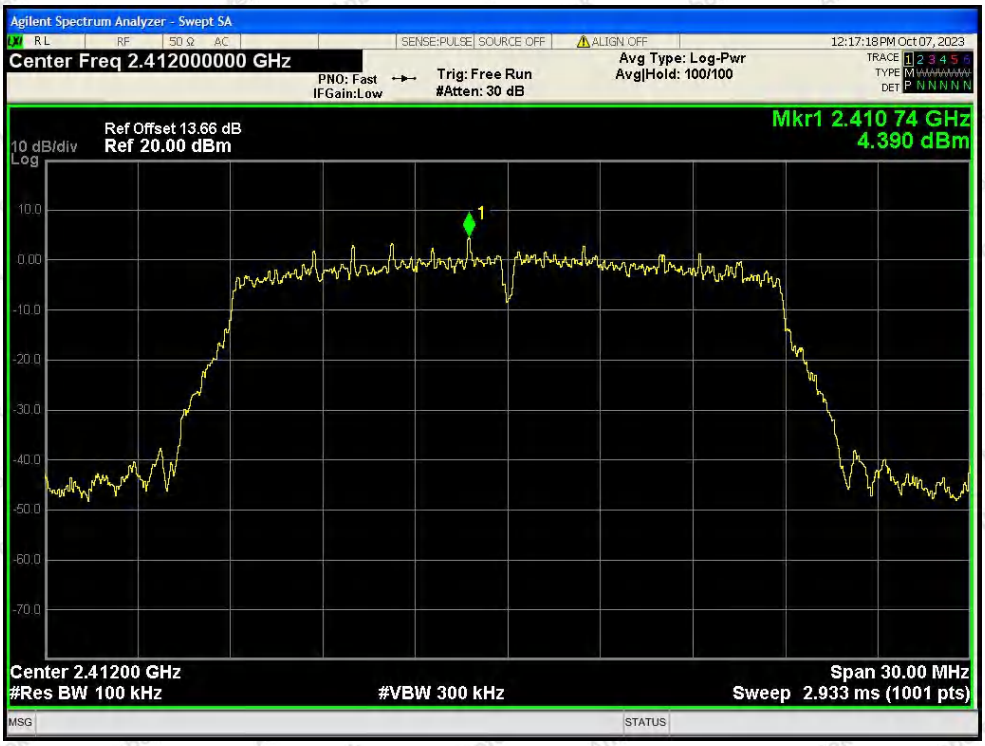
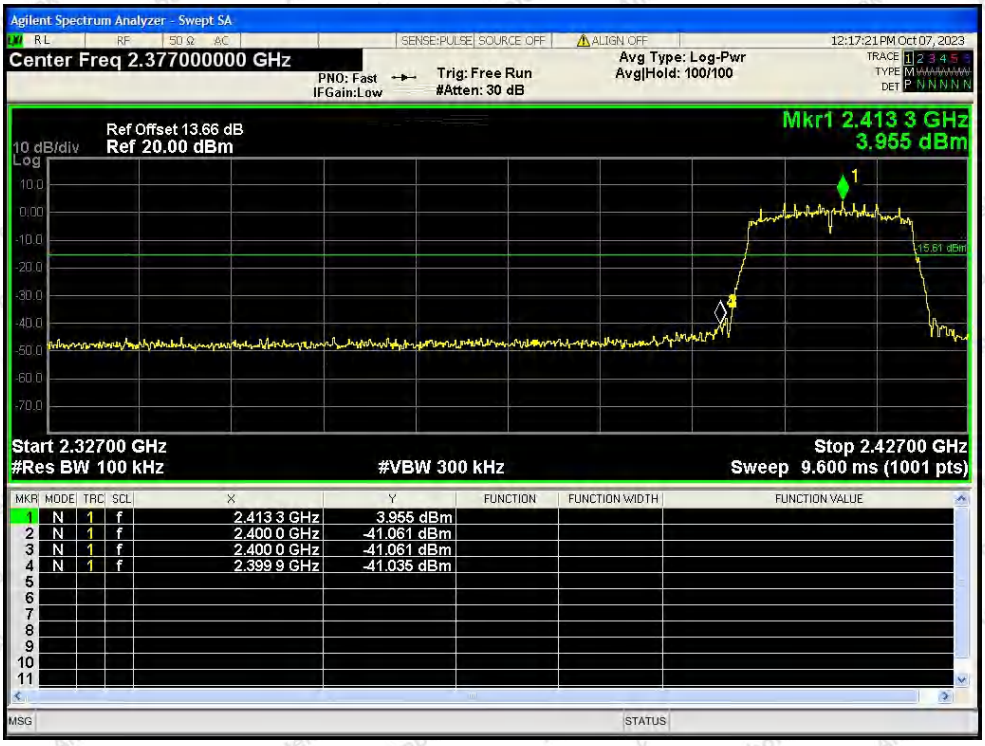
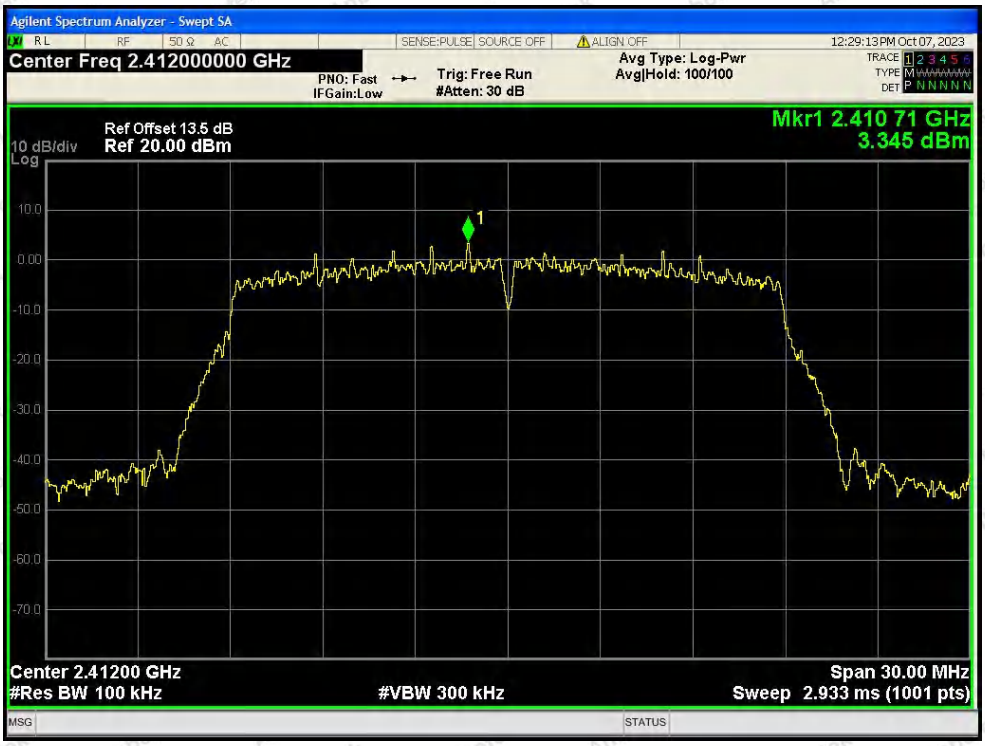


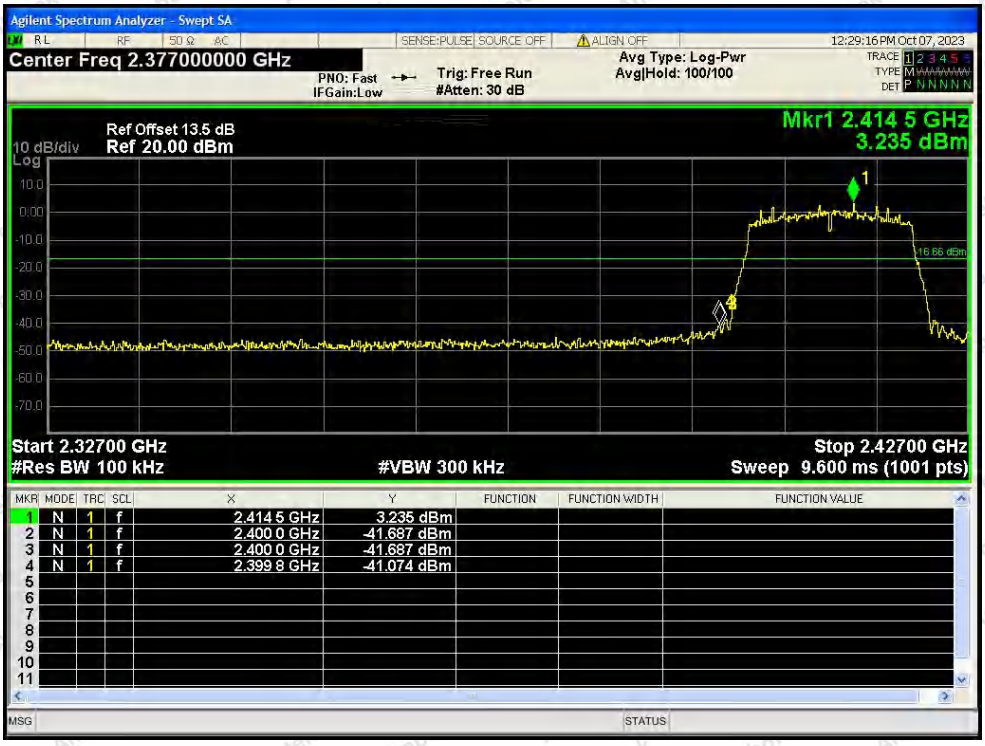
Band Edge NVNT n20 2412MHz Ant2 Emission SISO



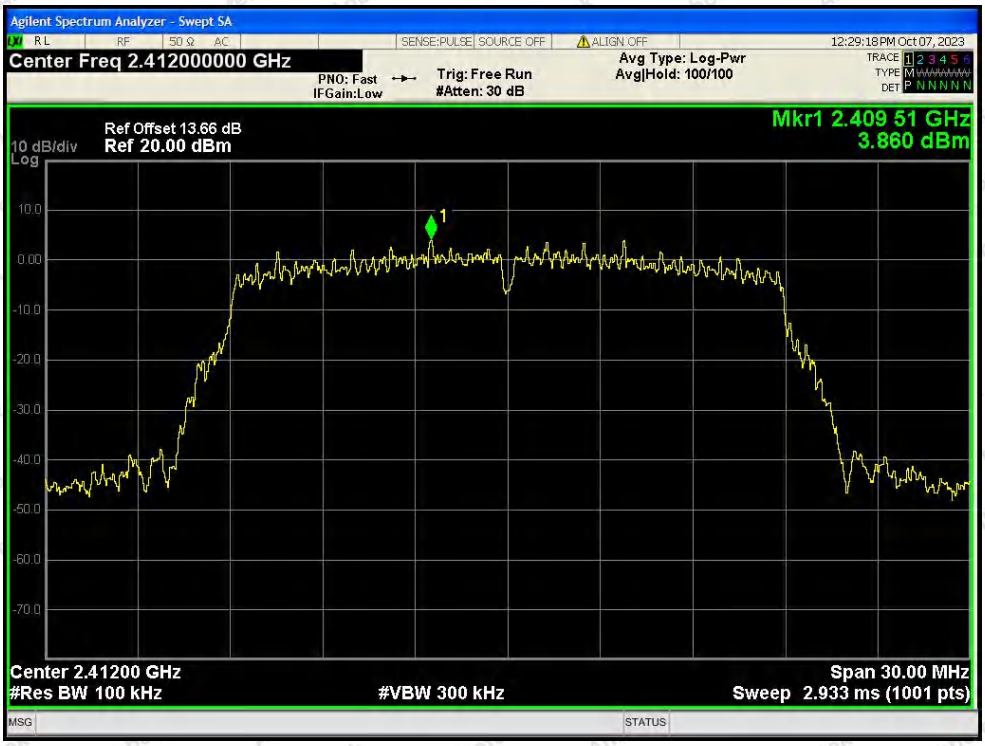
Band Edge NVNT n20 2412MHz Ant1 Ref MIMO



Band Edge NVNT n20 2412MHz Ant1 Emission MIMO

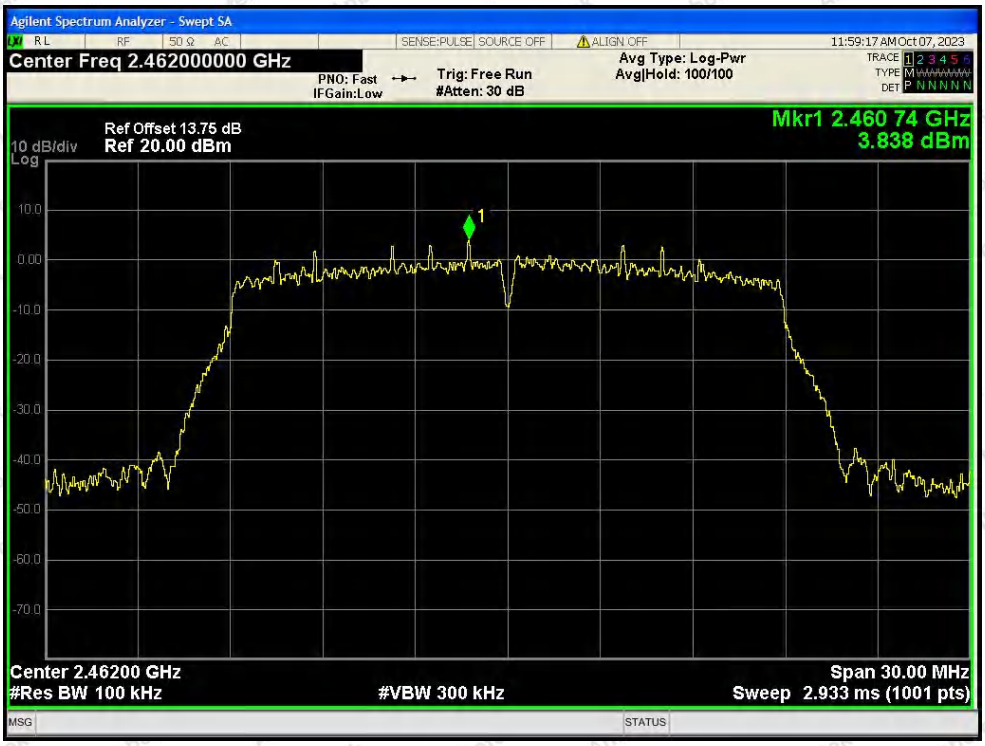


Band Edge NVNT n20 2412MHz Ant2 Ref MIMO

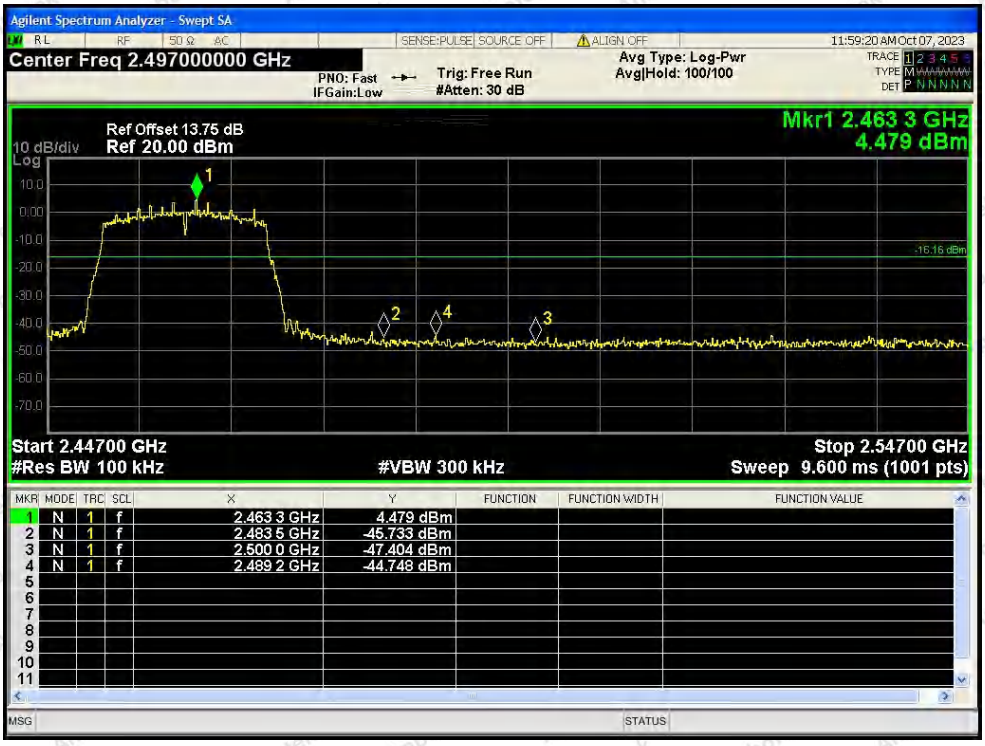


Band Edge NVNT n20 2412MHz Ant2 Emission MIMO

Band Edge NVNT n20 2462MHz Ant1 Ref SISO

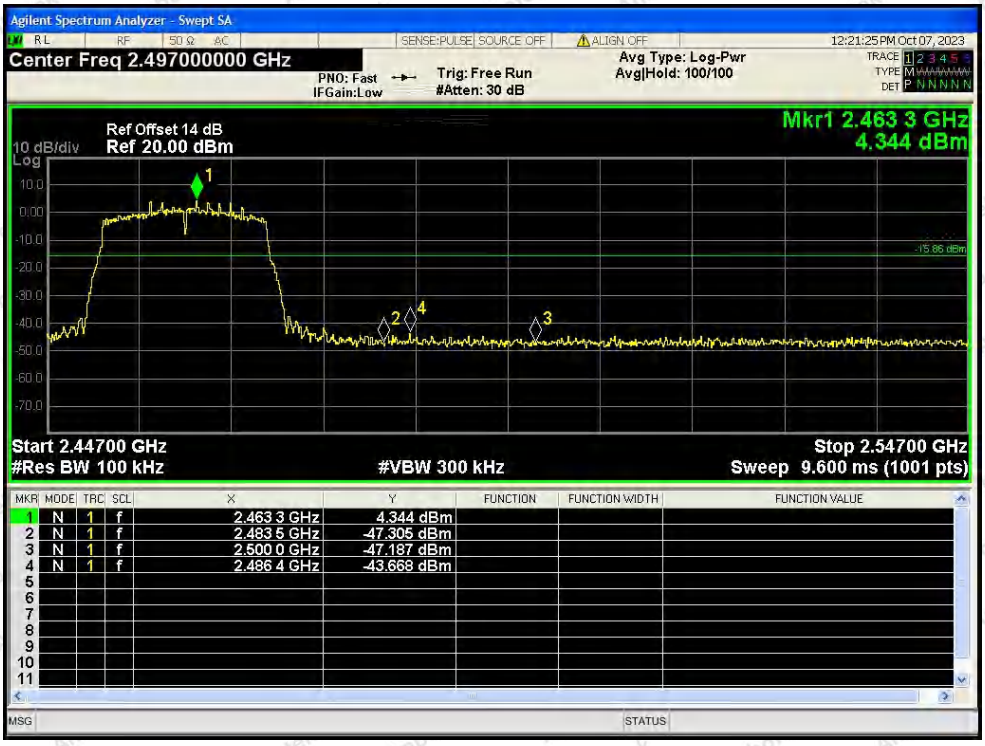


Band Edge NVNT n20 2462MHz Ant1 Emission SISO



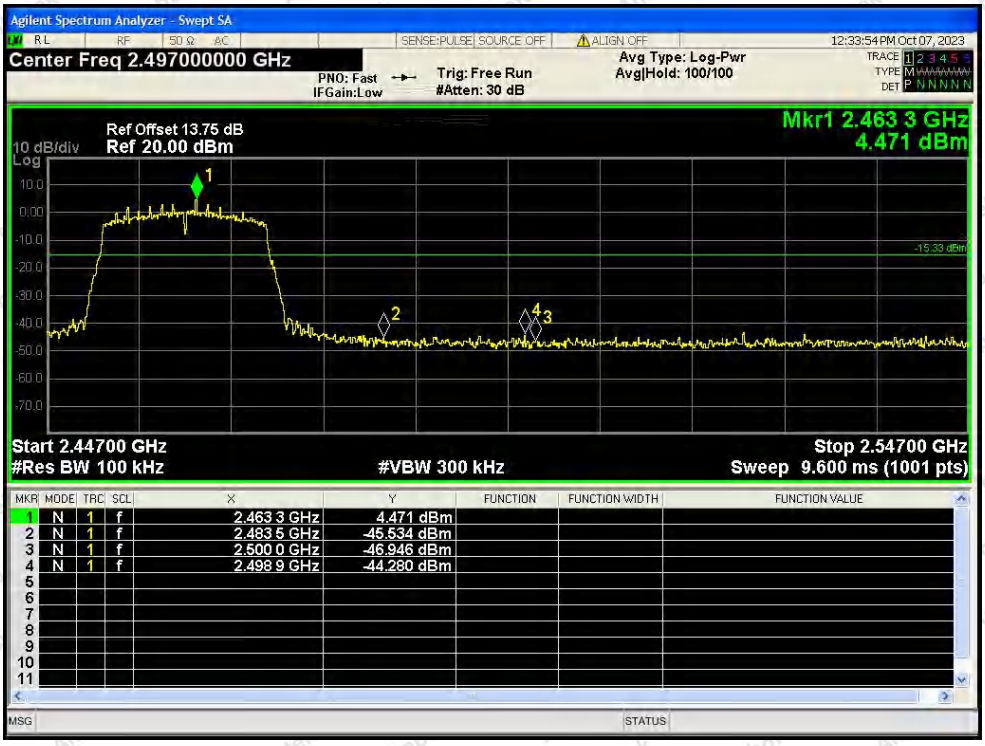
Band Edge NVNT n20 2462MHz Ant2 Ref SISO

Band Edge NVNT n20 2462MHz Ant2 Emission SISO



Band Edge NVNT n20 2462MHz Ant1 Ref MIMO

Band Edge NVNT n20 2462MHz Ant1 Emission MIMO



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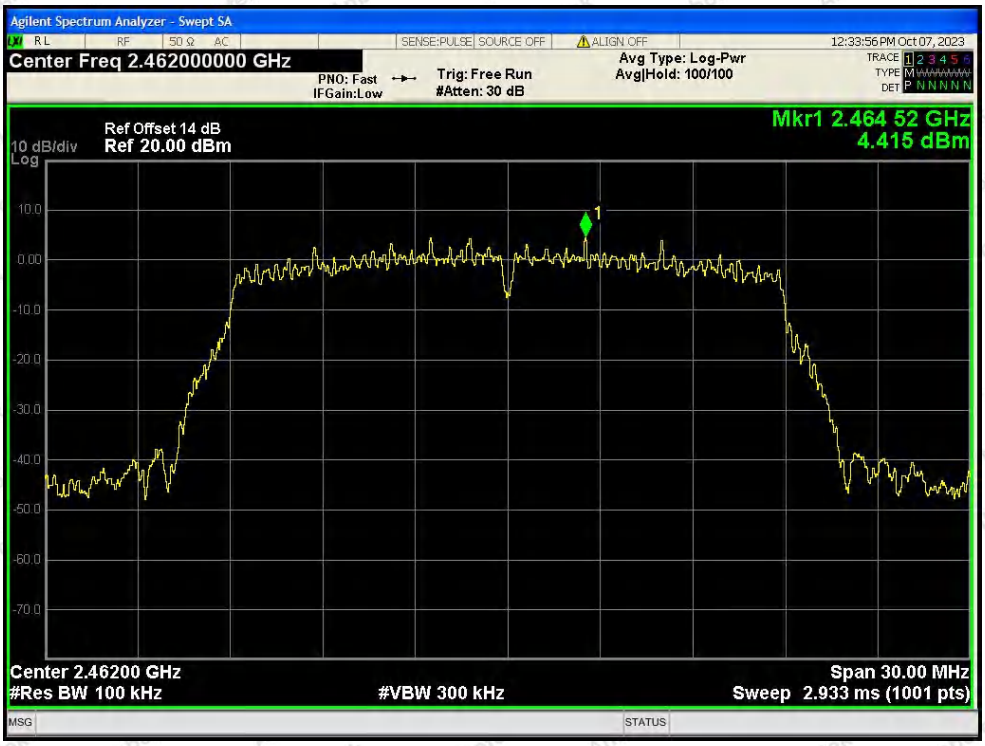
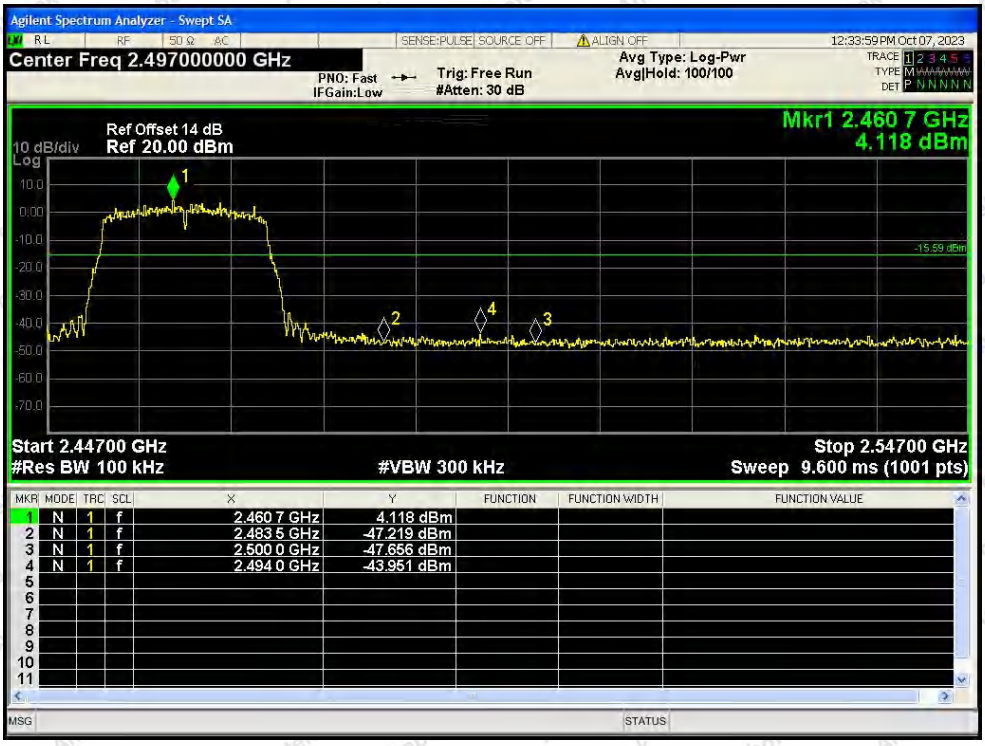
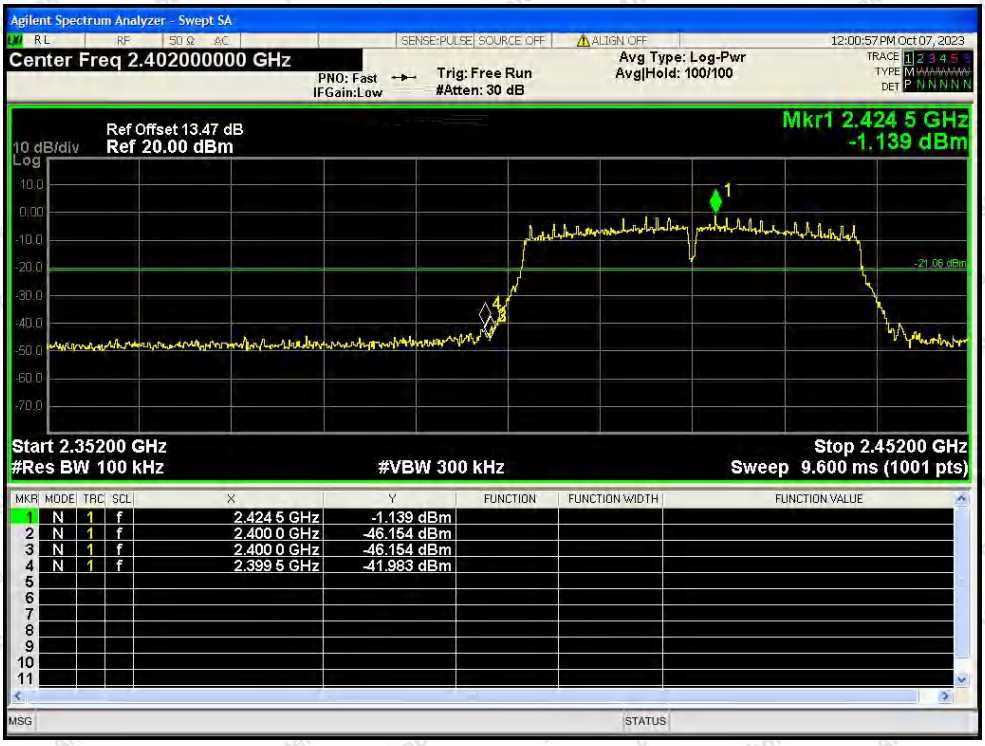


Band Edge NVNT n20 2462MHz Ant2 Emission MIMO



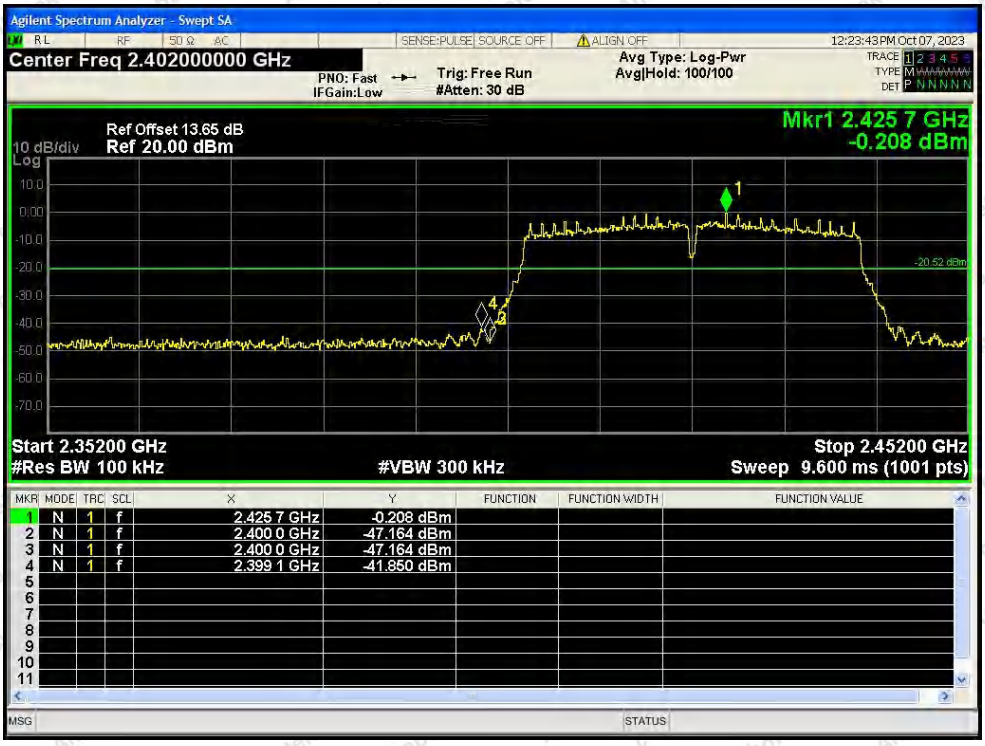
Band Edge NVNT n40 2422MHz Ant1 Ref SISO

Band Edge NVNT n40 2422MHz Ant1 Emission SISO

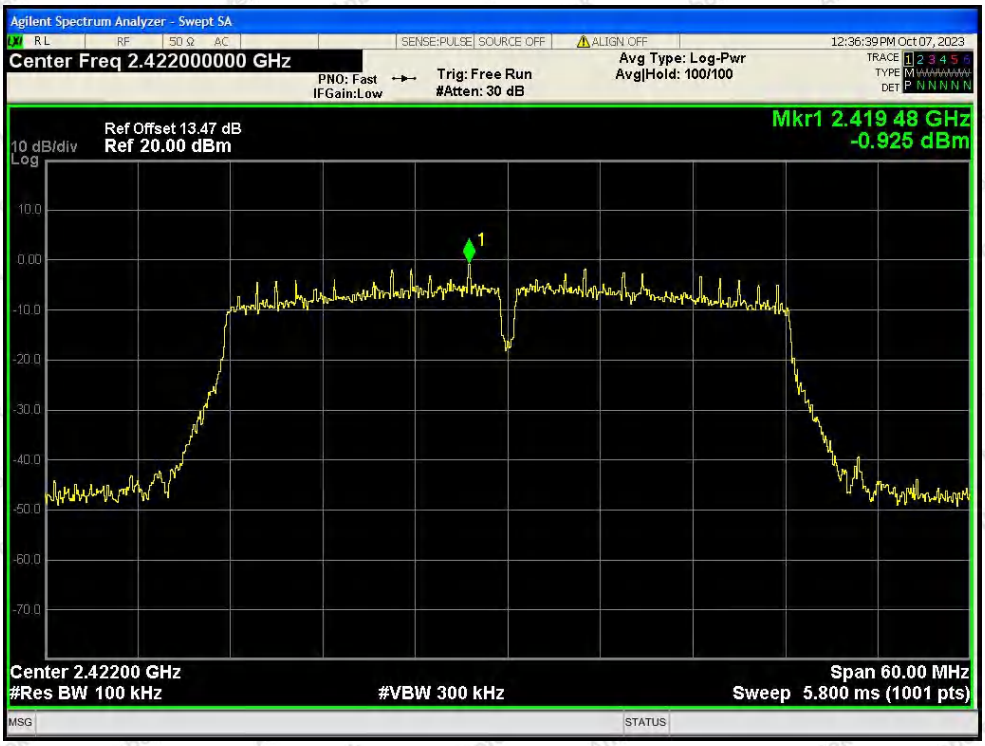


Band Edge NVNT n40 2422MHz Ant2 Ref SISO

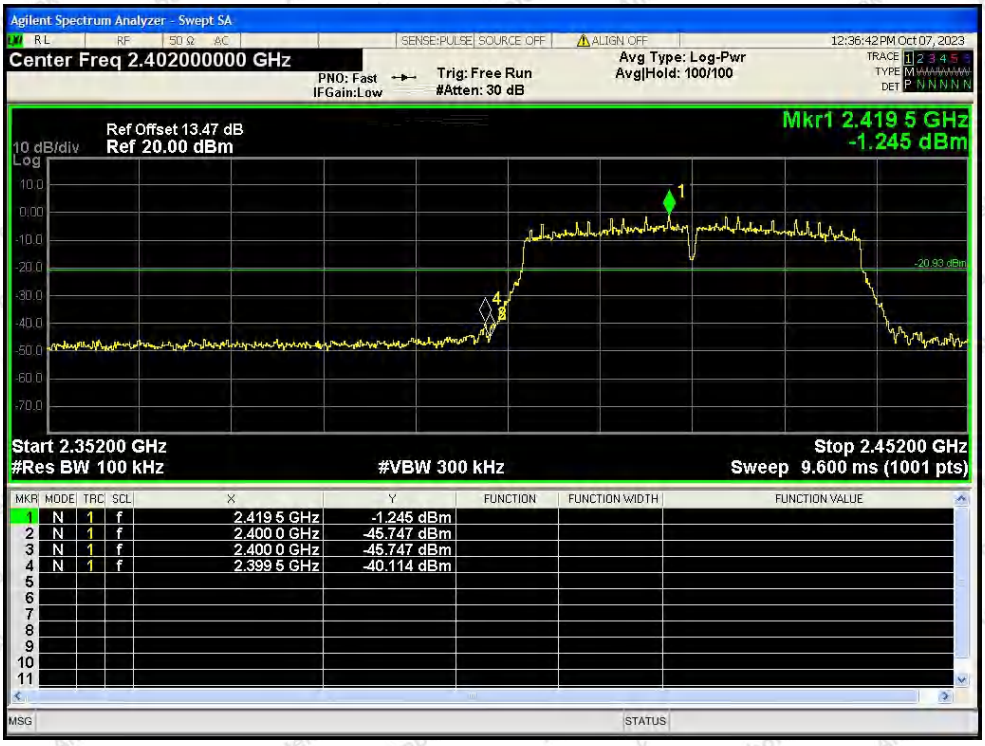
Band Edge NVNT n40 2422MHz Ant2 Emission SISO



Band Edge NVNT n40 2422MHz Ant1 Ref MIMO

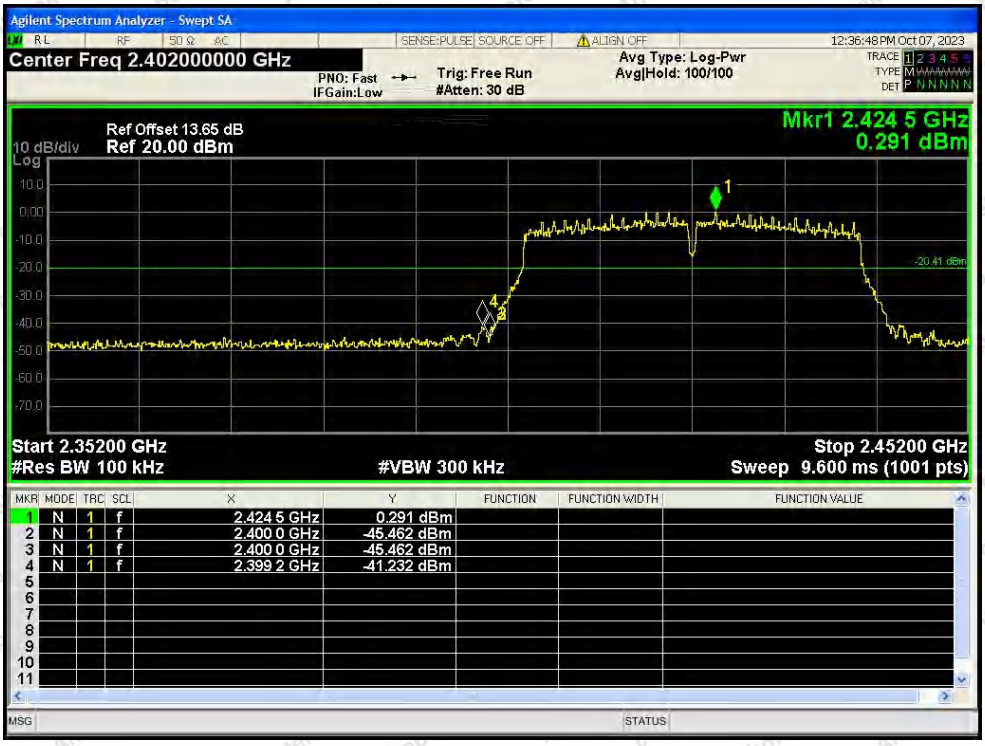


Band Edge NVNT n40 2422MHz Ant1 Emission MIMO



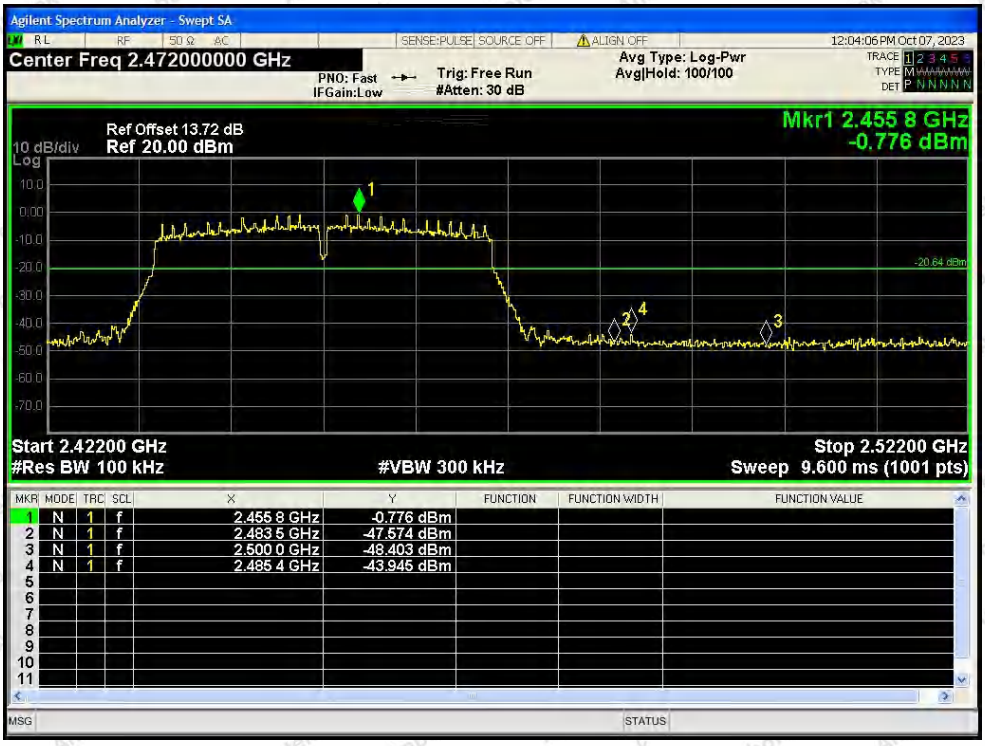
Band Edge NVNT n40 2422MHz Ant2 Ref MIMO

Band Edge NVNT n40 2422MHz Ant2 Emission MIMO



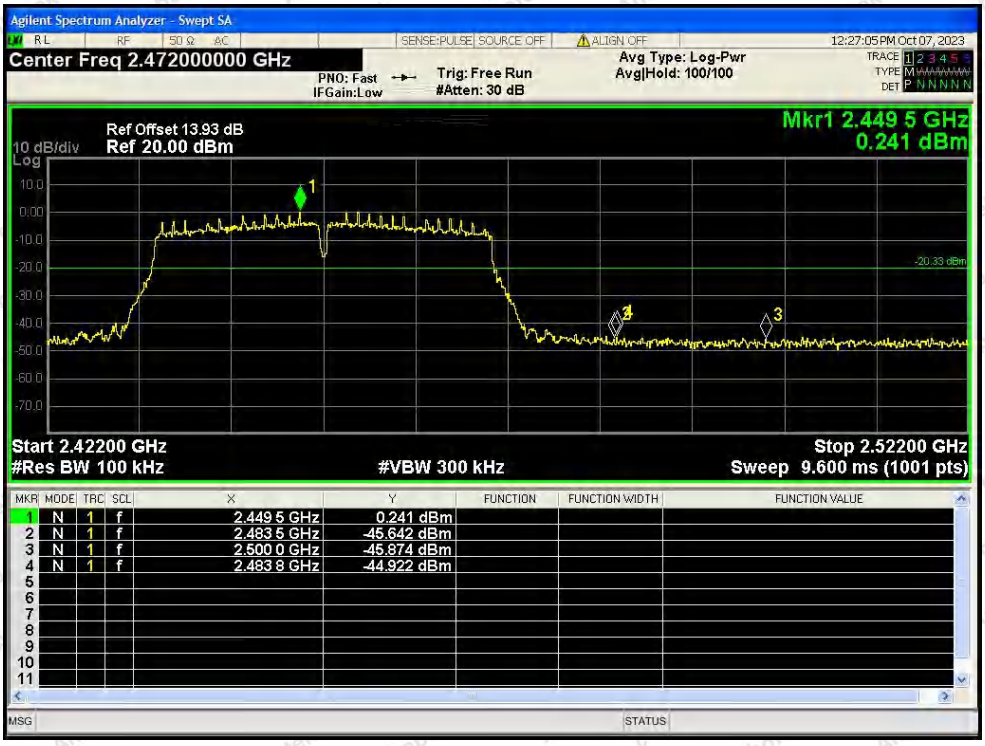
Band Edge NVNT n40 2452MHz Ant1 Ref SISO

Band Edge NVNT n40 2452MHz Ant1 Emission SISO



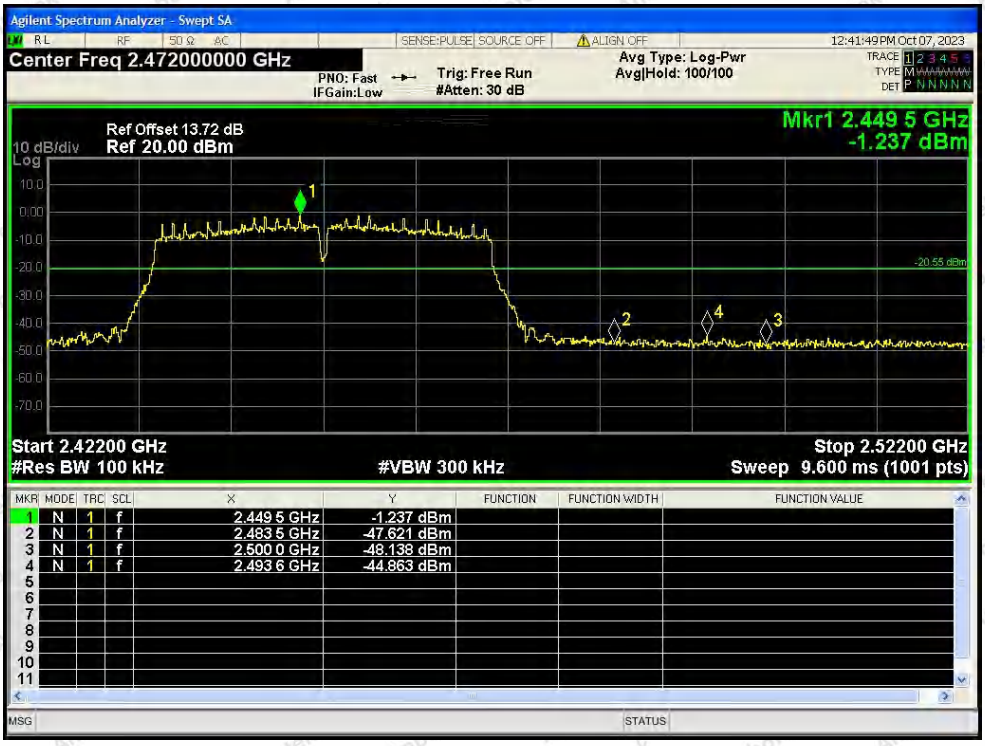
Band Edge NVNT n40 2452MHz Ant2 Ref SISO

Band Edge NVNT n40 2452MHz Ant2 Emission SISO



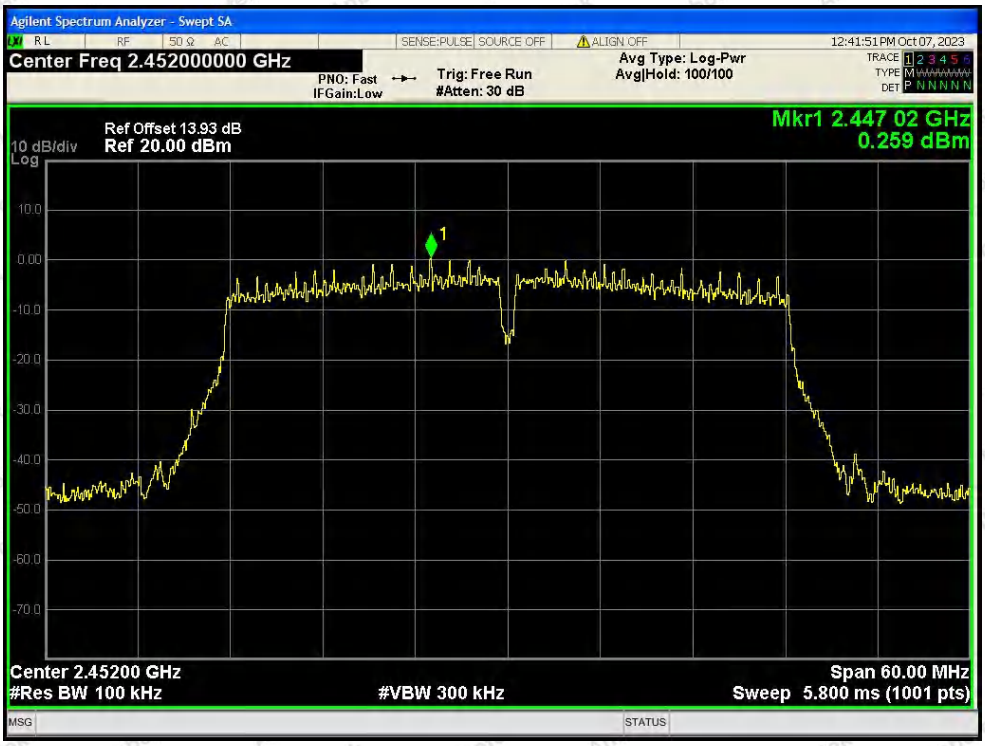
Band Edge NVNT n40 2452MHz Ant1 Ref MIMO

Band Edge NVNT n40 2452MHz Ant1 Emission MIMO

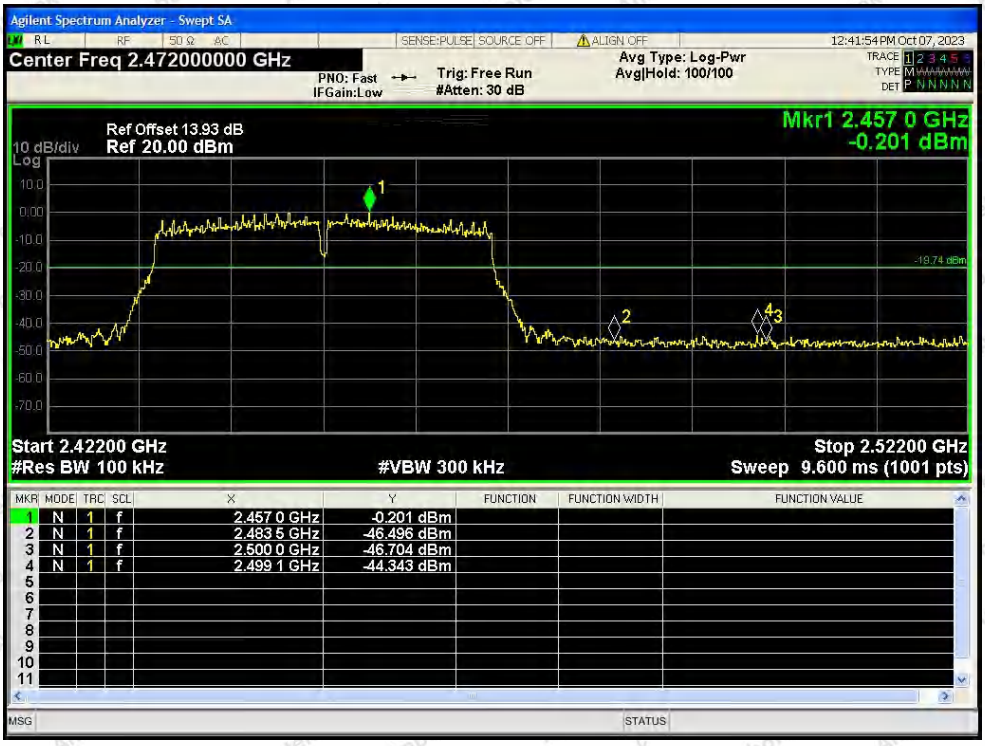


MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	2.449 5 GHz	-1.237 dBm			
2	N	1	f	2.483 5 GHz	-47.621 dBm			
3	N	1	f	2.500 0 GHz	-48.138 dBm			
4	N	1	f	2.493 6 GHz	-44.863 dBm			
5								
6								
7								
8								
9								
10								
11								

Band Edge NVNT n40 2452MHz Ant2 Ref MIMO



Band Edge NVNT n40 2452MHz Ant2 Emission MIMO



A.7. Power Spectral Density

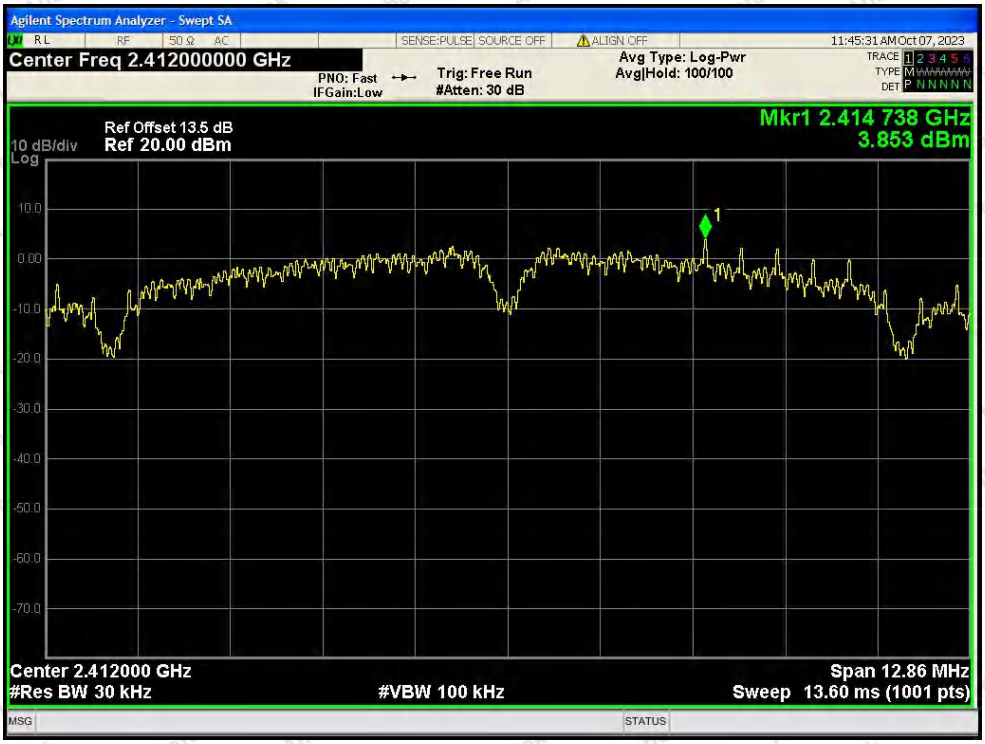
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b SISO	2412	Ant1	-6.15	0	-6.15	8	Pass
NVNT	b SISO	2412	Ant2	-6.33	0	-6.33	8	Pass
NVNT	b SISO	2437	Ant1	-3.41	0	-3.41	8	Pass
NVNT	b SISO	2437	Ant2	-2.86	0	-2.86	8	Pass
NVNT	b SISO	2462	Ant1	-5.69	0	-5.69	8	Pass
NVNT	b SISO	2462	Ant2	-2.68	0	-2.68	8	Pass
NVNT	g SISO	2412	Ant1	-10.61	0	-10.61	8	Pass
NVNT	g SISO	2412	Ant2	-9.05	0	-9.05	8	Pass
NVNT	g SISO	2437	Ant1	-10.51	0	-10.51	8	Pass
NVNT	g SISO	2437	Ant2	-9.68	0	-9.68	8	Pass
NVNT	g SISO	2462	Ant1	-10.38	0	-10.38	8	Pass
NVNT	g SISO	2462	Ant2	-9.17	0	-9.17	8	Pass
NVNT	n20 SISO	2412	Ant1	-10.37	0	-10.37	8	Pass
NVNT	n20 SISO	2412	Ant2	-9.36	0	-9.36	8	Pass
NVNT	n20 MIMO	2412	Ant1	-10.16	0	-10.16	8	Pass
NVNT	n20 MIMO	2412	Ant2	-9.32	0	-9.32	8	Pass
NVNT	n20 MIMO	2412	Sum	-6.71	0	-6.71	8	Pass
NVNT	n20 SISO	2437	Ant1	-10.74	0	-10.74	8	Pass
NVNT	n20 SISO	2437	Ant2	-9.46	0	-9.46	8	Pass

NVNT	n20 MIMO	2437	Ant1	-11.64	0	-11.64	8	Pass
NVNT	n20 MIMO	2437	Ant2	-9.49	0	-9.49	8	Pass
NVNT	n20 MIMO	2437	Sum	-7.42	0	-7.42	8	Pass
NVNT	n20 SISO	2462	Ant1	-9.99	0	-9.99	8	Pass
NVNT	n20 SISO	2462	Ant2	-10.56	0	-10.56	8	Pass
NVNT	n20 MIMO	2462	Ant1	-10.62	0	-10.62	8	Pass
NVNT	n20 MIMO	2462	Ant2	-9.02	0	-9.02	8	Pass
NVNT	n20 MIMO	2462	Sum	-6.74	0	-6.74	8	Pass
NVNT	n40 SISO	2422	Ant1	-16.46	0	-16.46	8	Pass
NVNT	n40 SISO	2422	Ant2	-15.44	0	-15.44	8	Pass
NVNT	n40 MIMO	2422	Ant1	-16.78	0	-16.78	8	Pass
NVNT	n40 MIMO	2422	Ant2	-15.67	0	-15.67	8	Pass
NVNT	n40 MIMO	2422	Sum	-13.18	0	-13.18	8	Pass
NVNT	n40 SISO	2437	Ant1	-15.38	0	-15.38	8	Pass
NVNT	n40 SISO	2437	Ant2	-15.21	0	-15.21	8	Pass
NVNT	n40 MIMO	2437	Ant1	-16.24	0	-16.24	8	Pass
NVNT	n40 MIMO	2437	Ant2	-15.03	0	-15.03	8	Pass
NVNT	n40 MIMO	2437	Sum	-12.58	0	-12.58	8	Pass
NVNT	n40 SISO	2452	Ant1	-15.93	0	-15.93	8	Pass
NVNT	n40 SISO	2452	Ant2	-15.07	0	-15.07	8	Pass
NVNT	n40 MIMO	2452	Ant1	-16.07	0	-16.07	8	Pass

NVNT	n40 MIMO	2452	Ant2	-14.93	0	-14.93	8	Pass
NVNT	n40 MIMO	2452	Sum	-12.45	0	-12.45	8	Pass

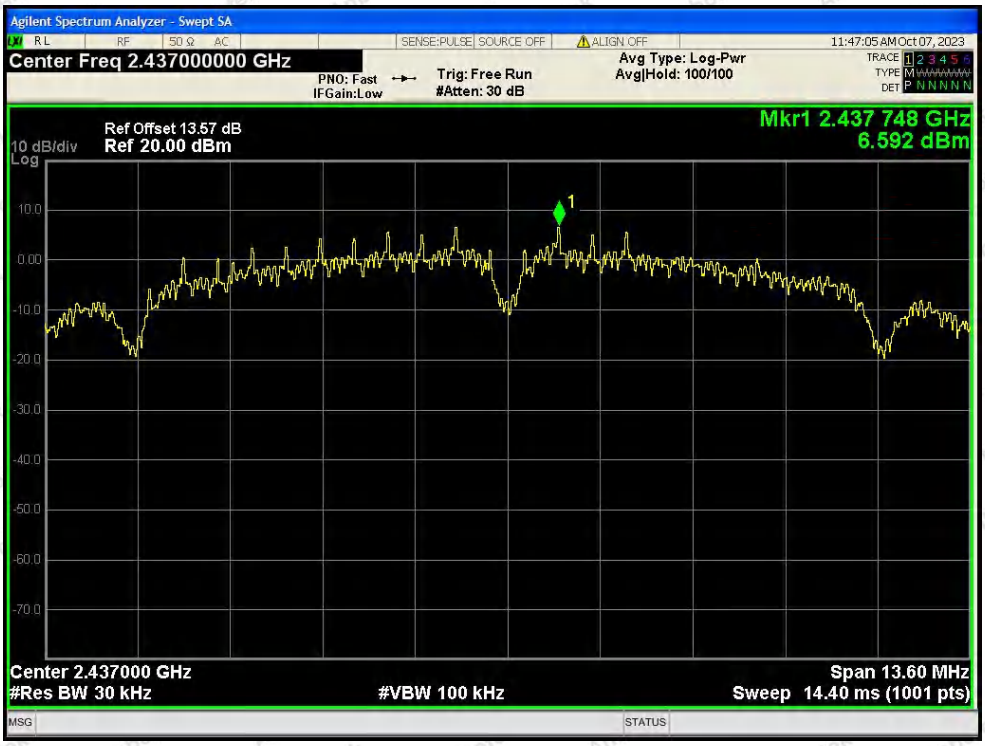
Test Graphs

PSD NVNT b 2412MHz Ant1 SISO

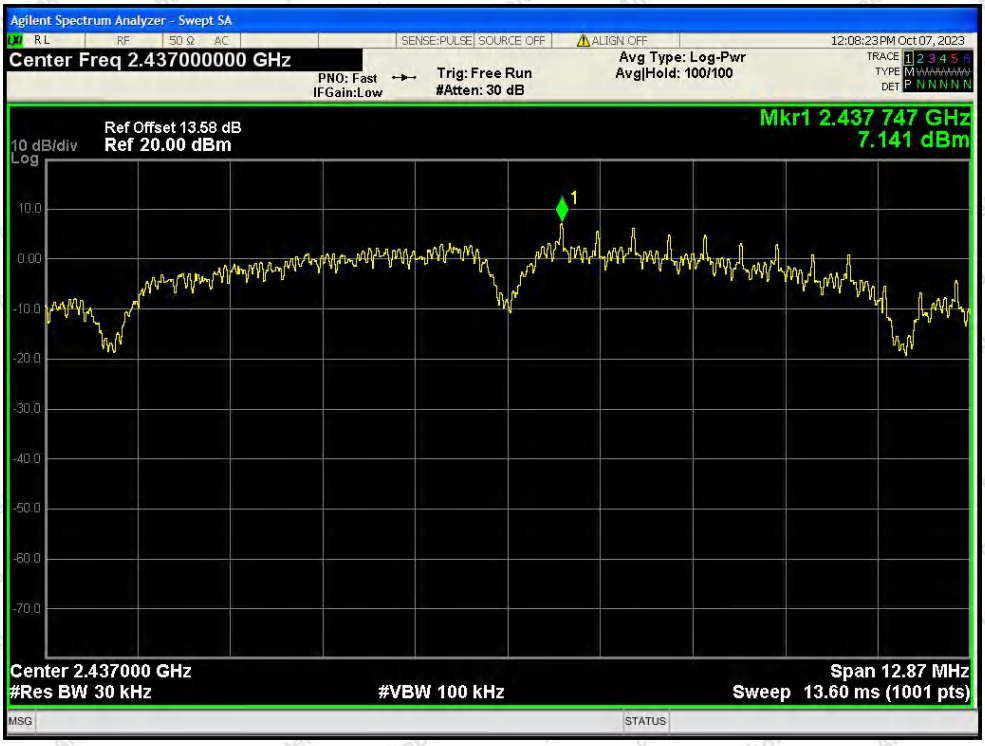


PSD NVNT b 2412MHz Ant2 SISO

PSD NVNT b 2437MHz Ant1 SISO

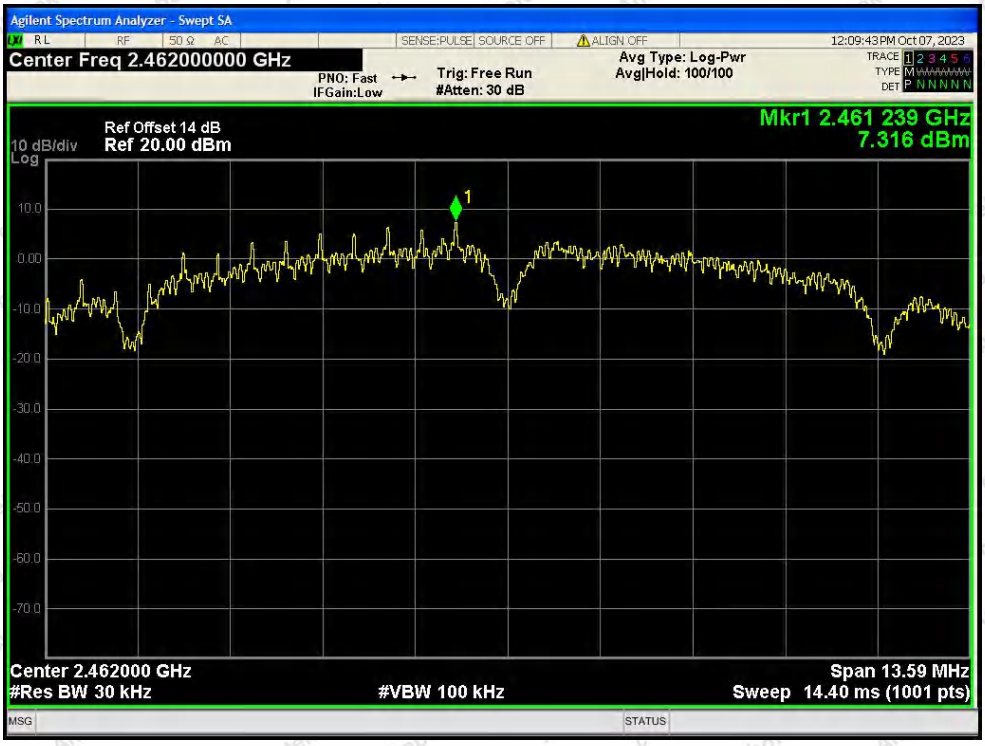


PSD NVNT b 2437MHz Ant2 SISO



PSD NVNT b 2462MHz Ant1 SISO

PSD NVNT b 2462MHz Ant2 SISO



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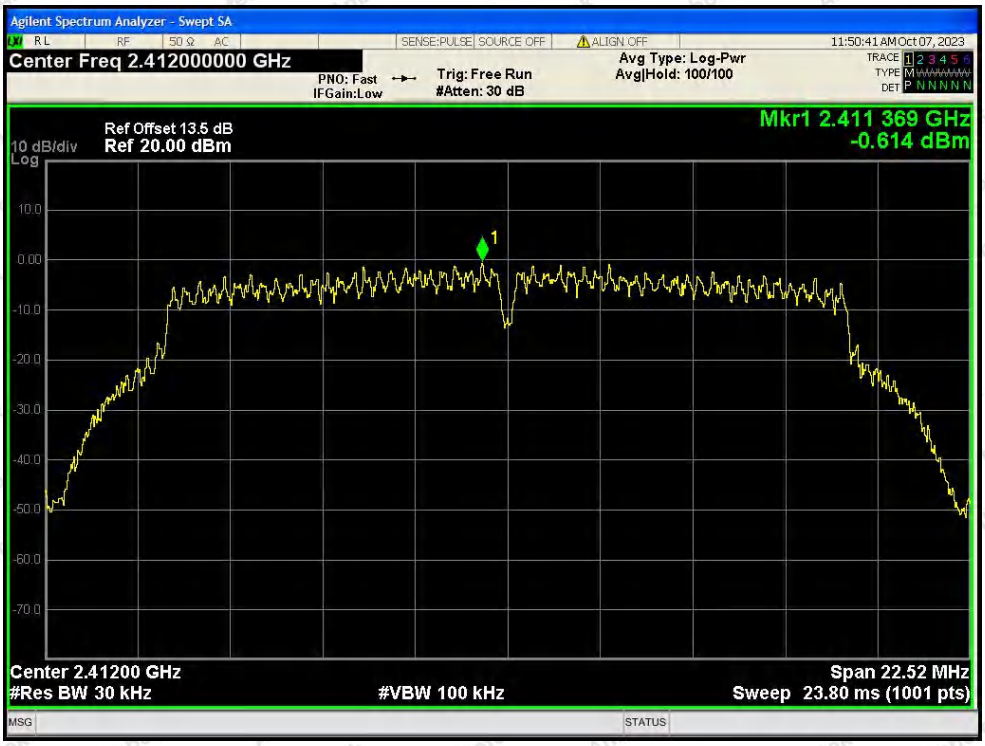

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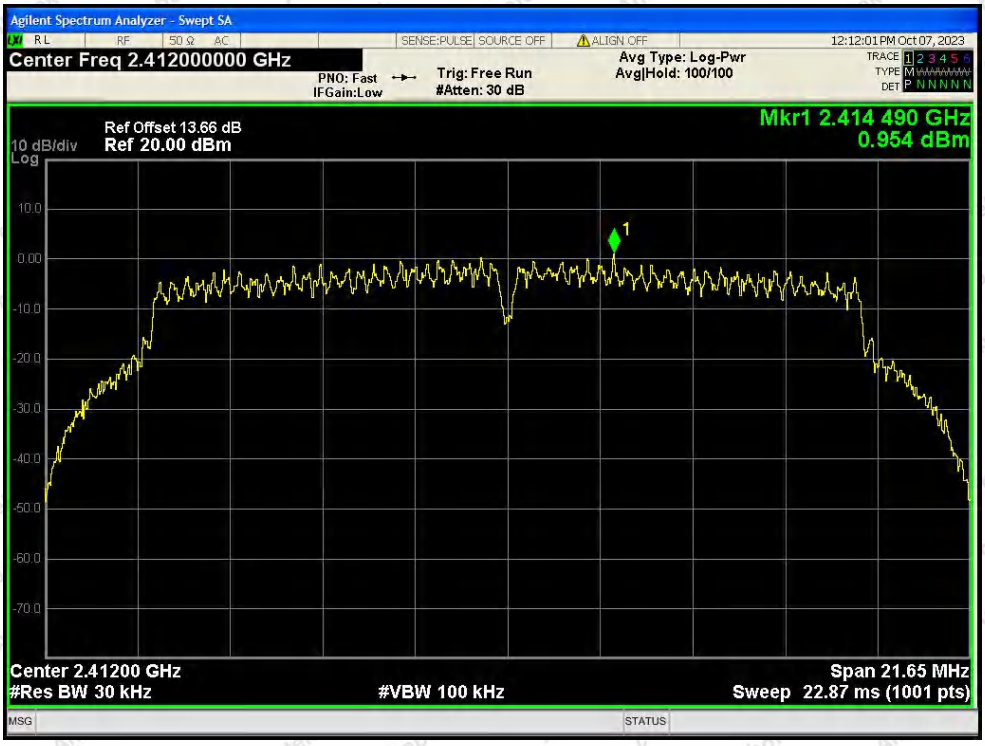

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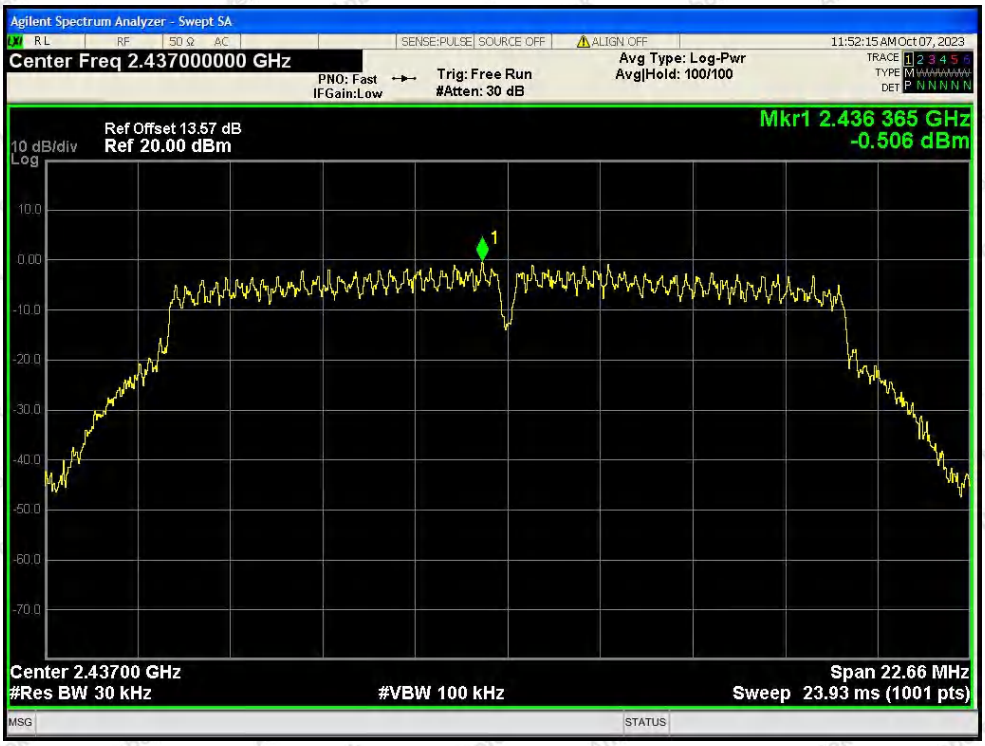

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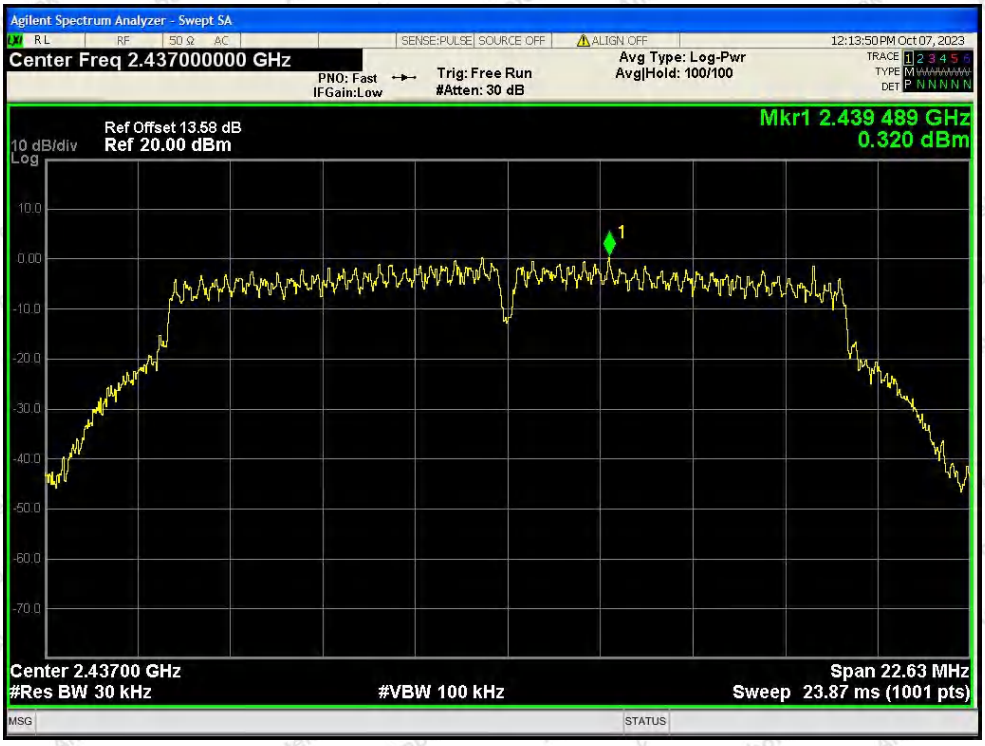

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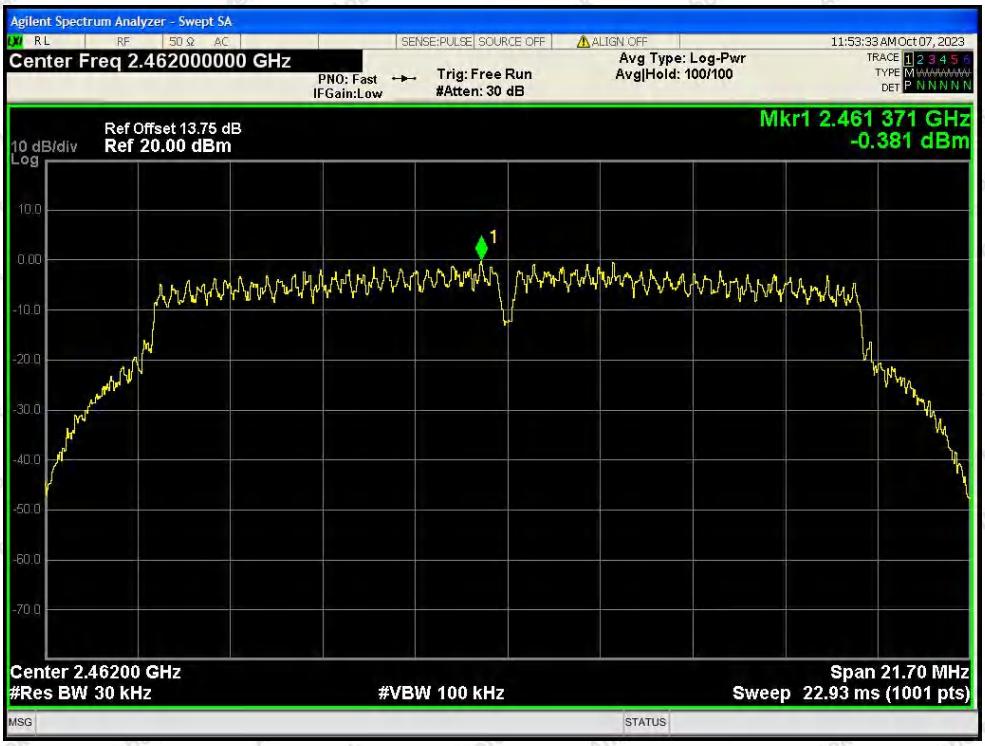

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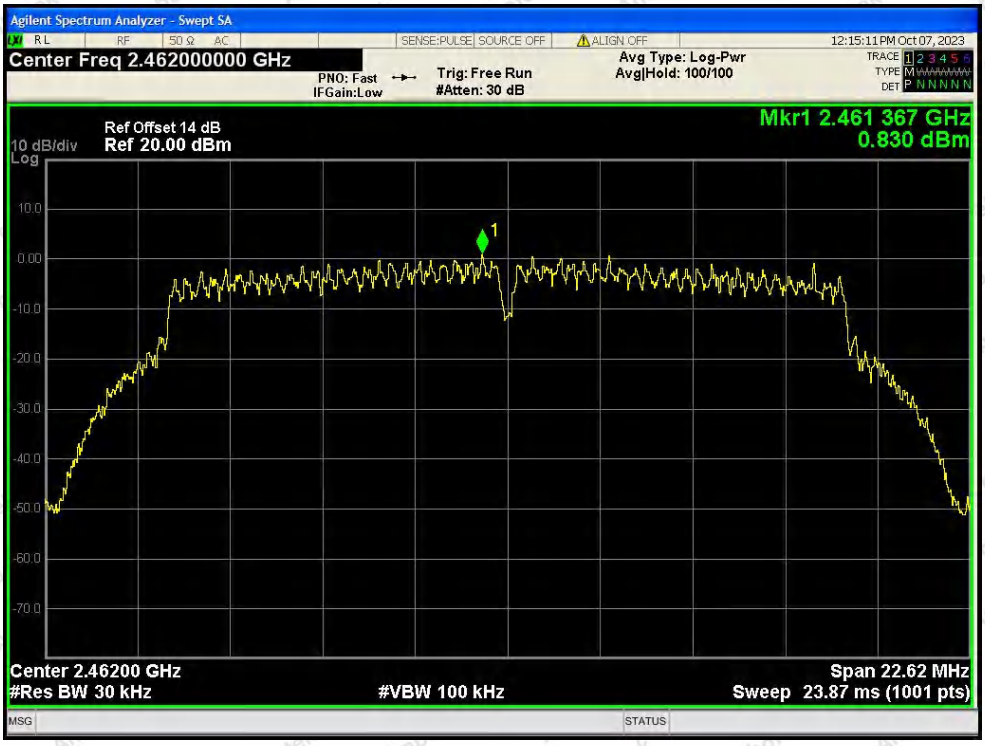

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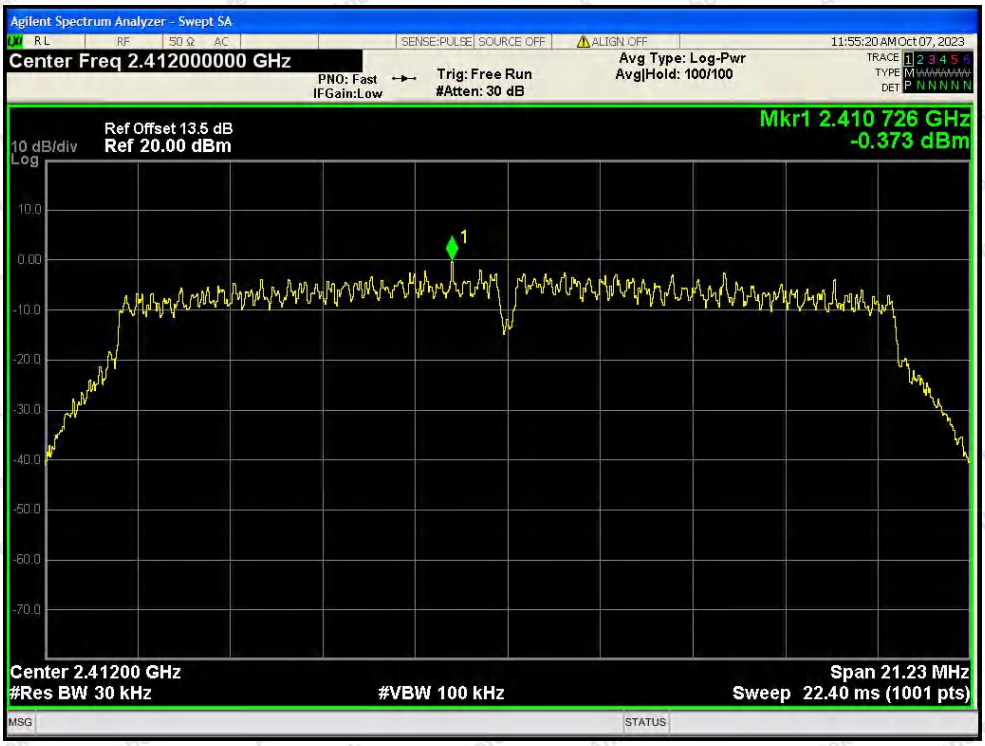

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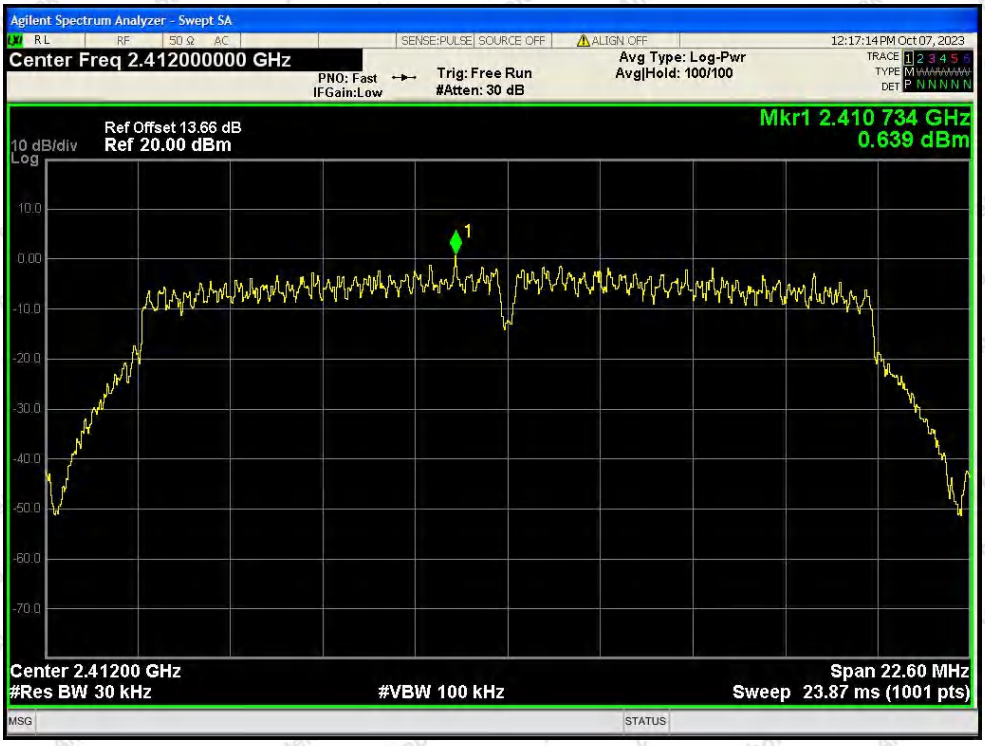

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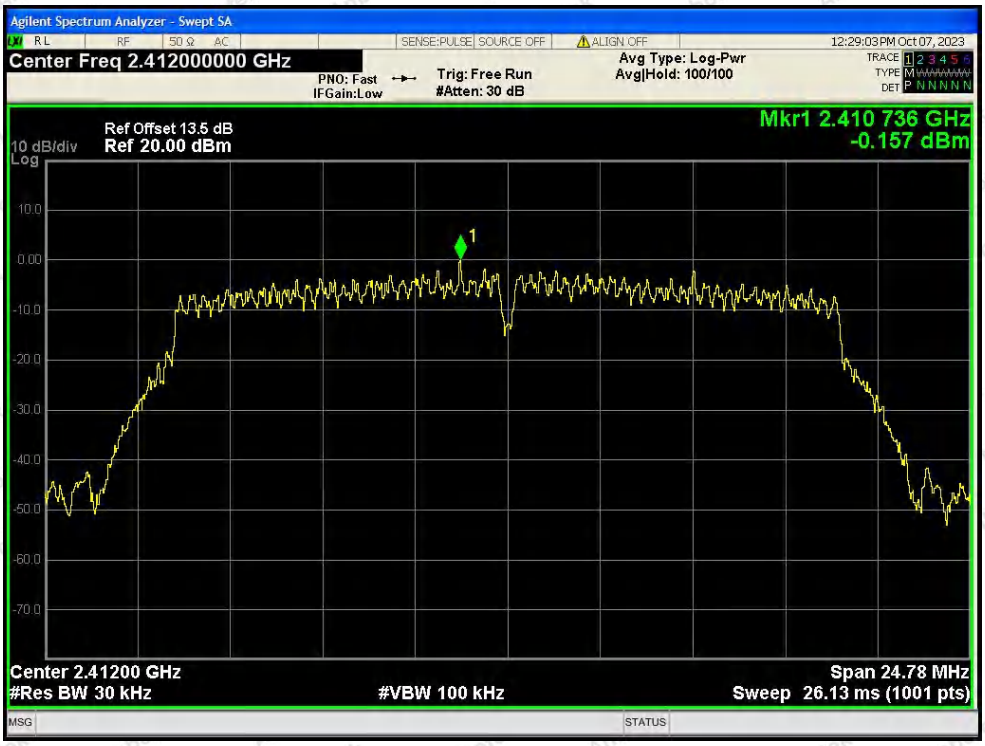

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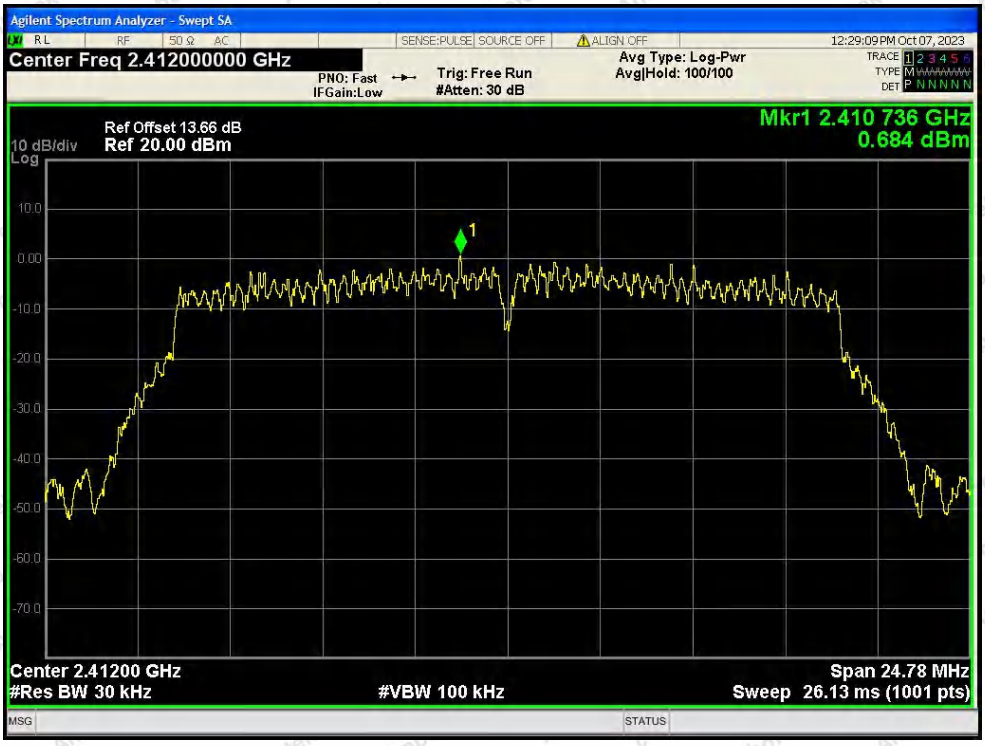

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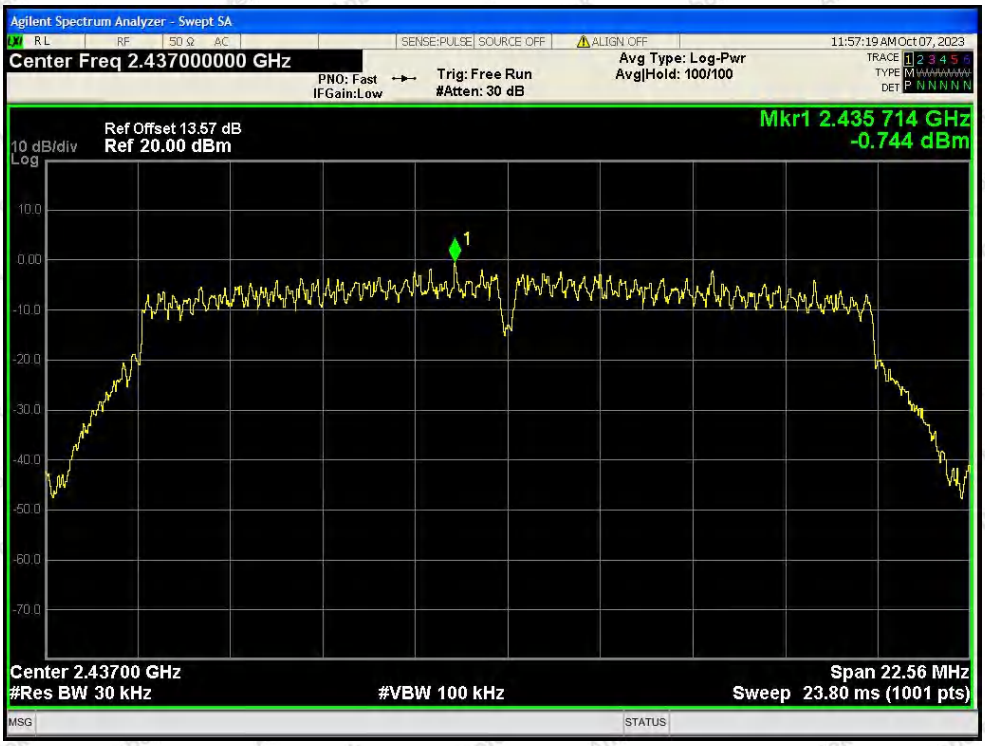

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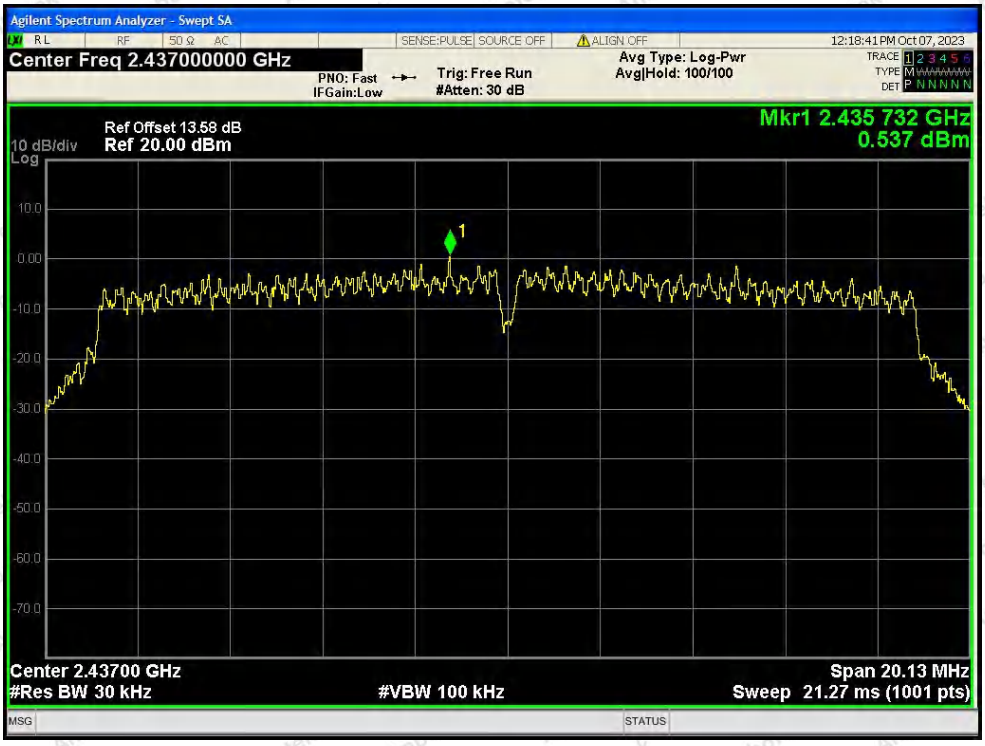

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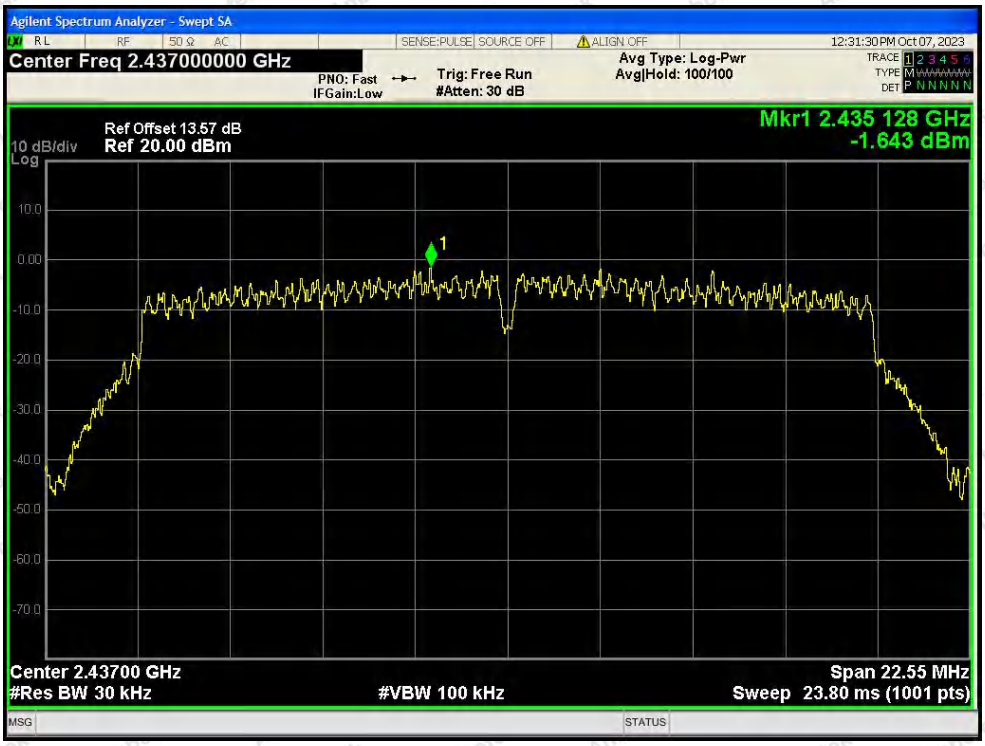

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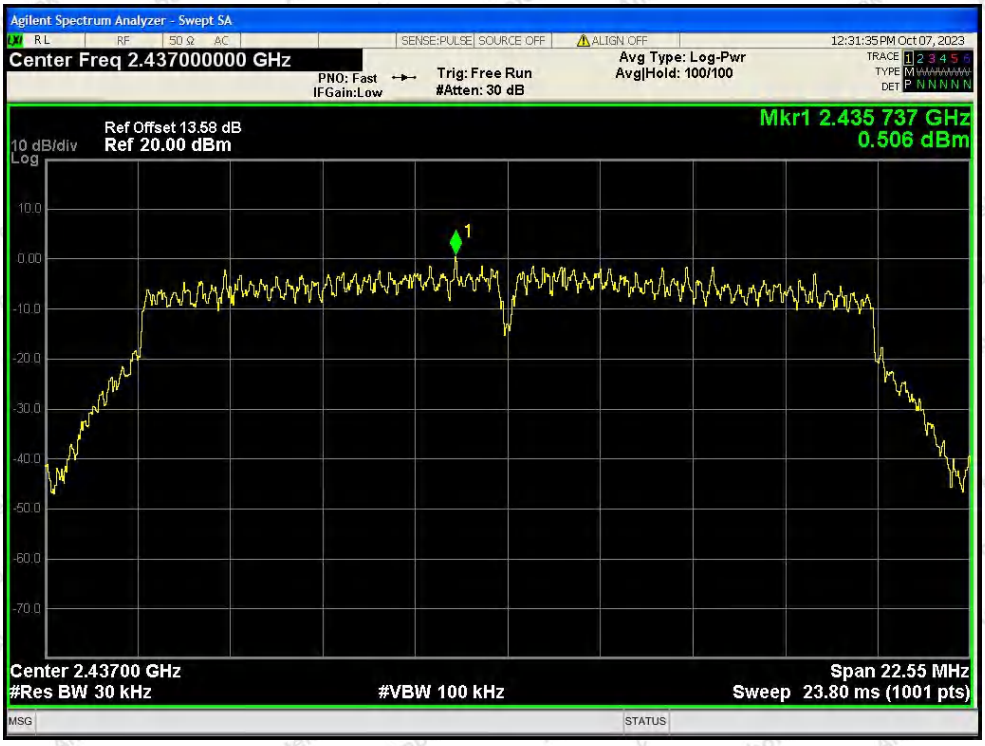

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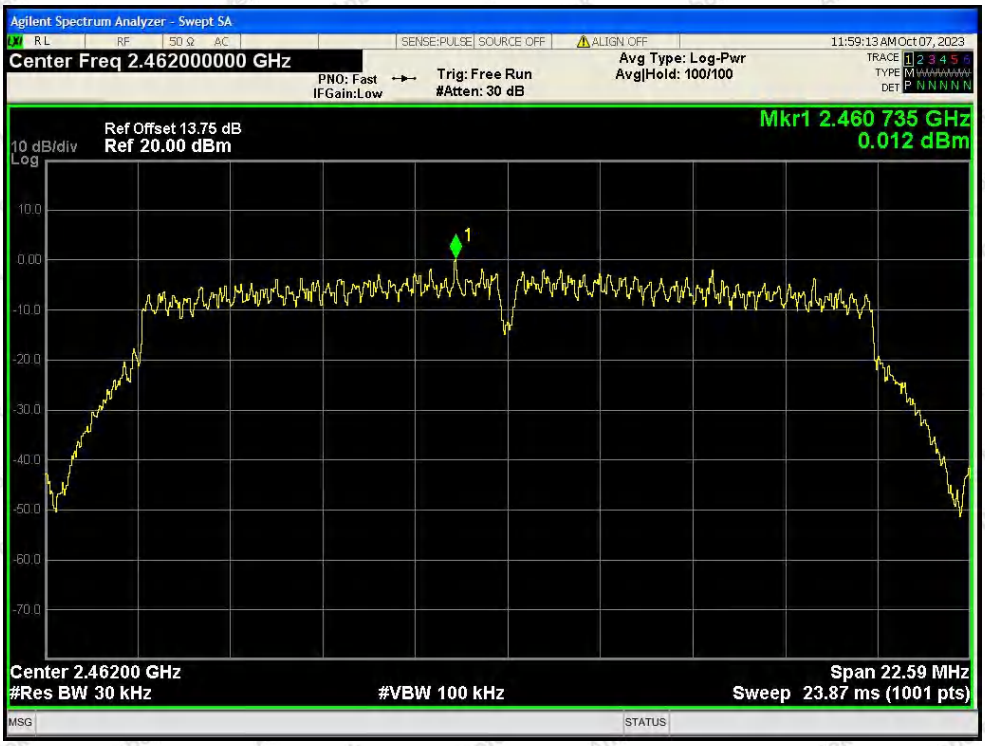

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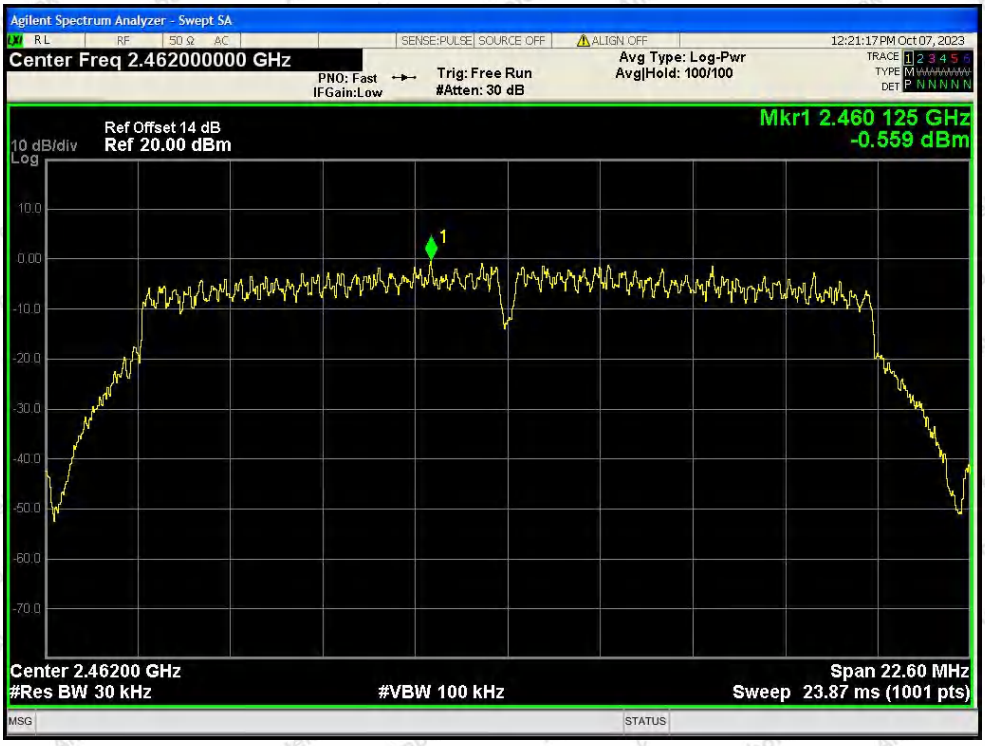
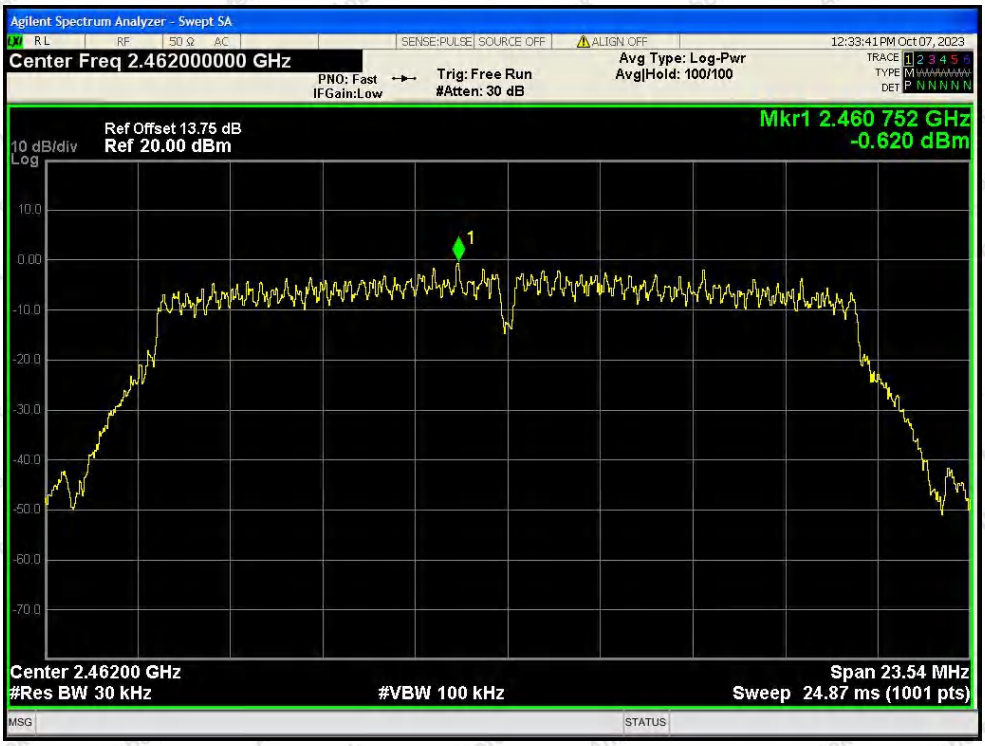


PSD NVNT n20 2462MHz Ant1 MIMO



PSD NVNT n20 2462MHz Ant2 MIMO

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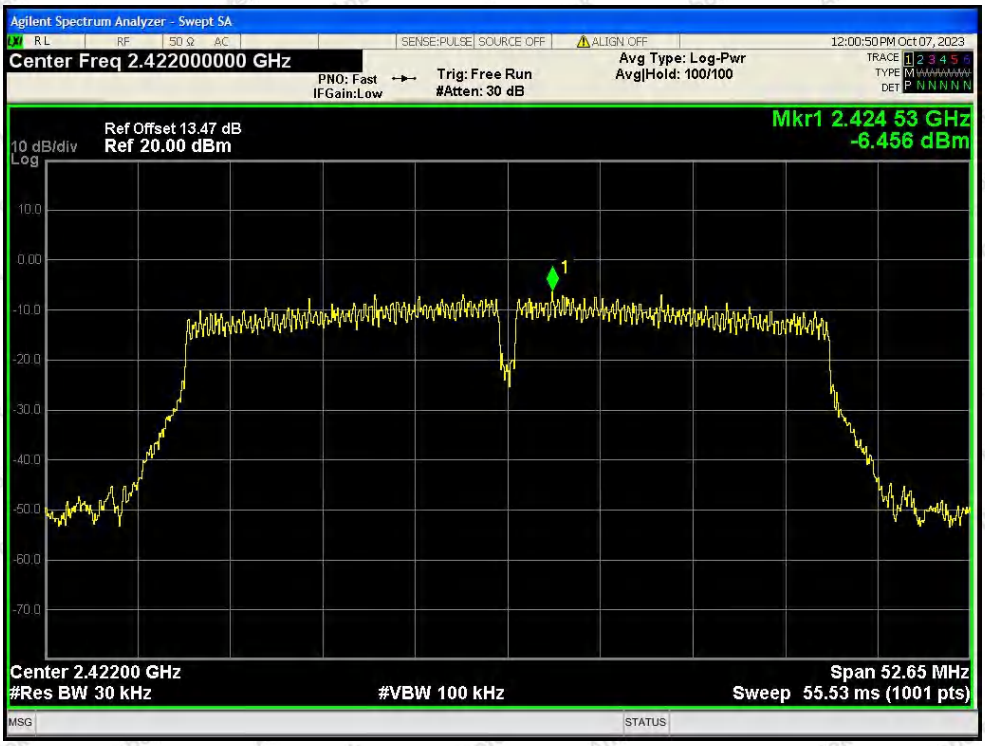

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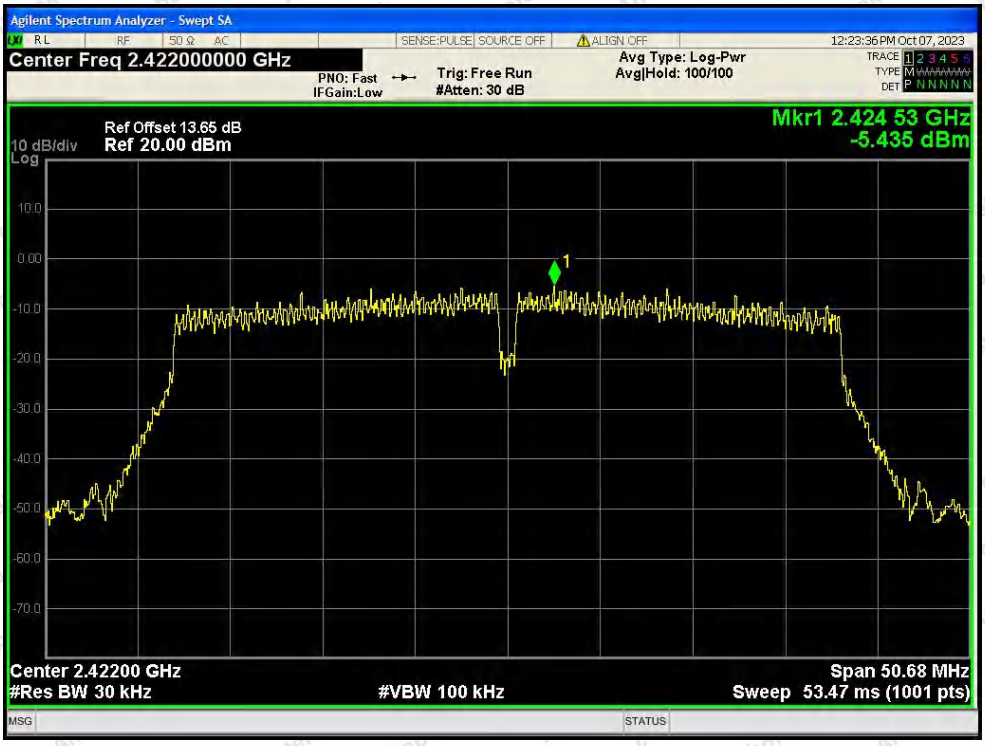

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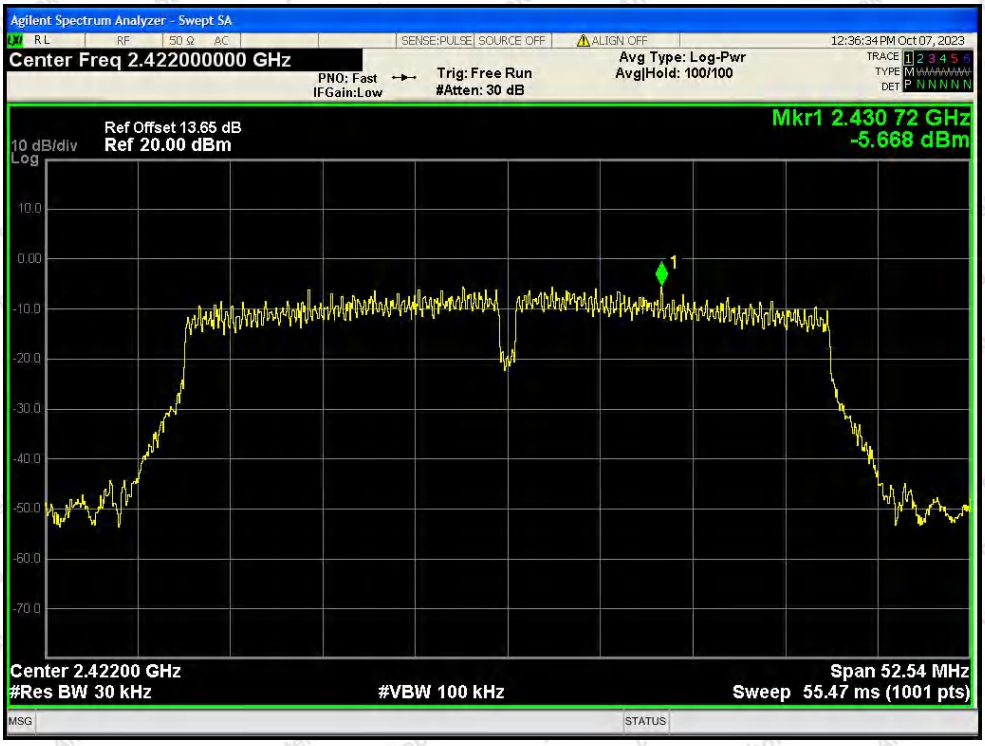

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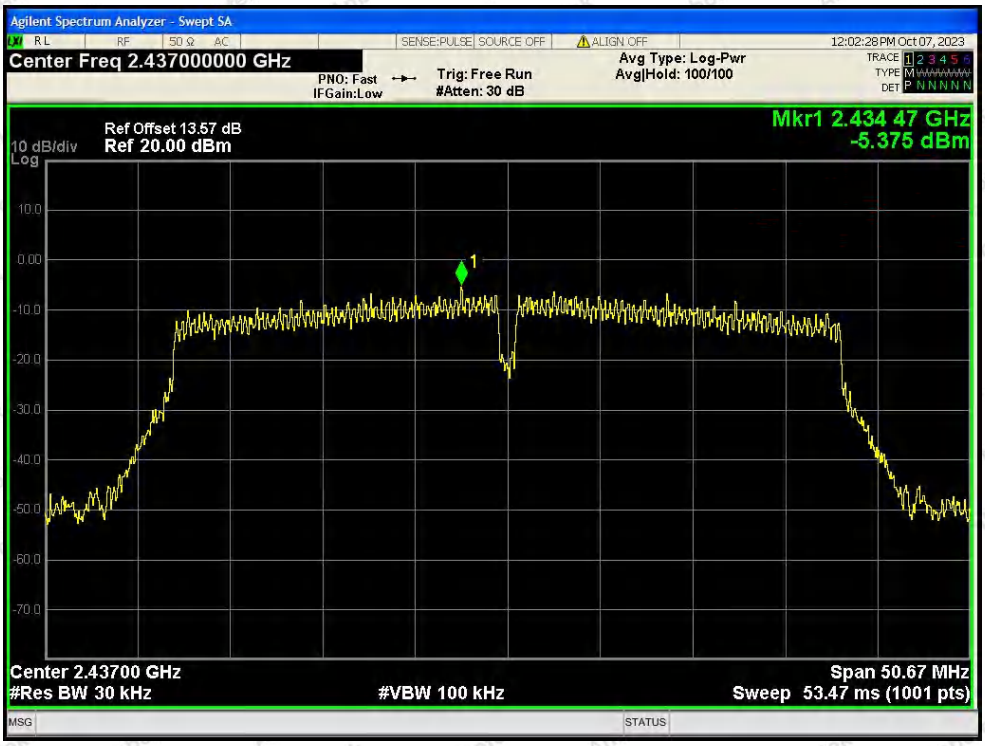

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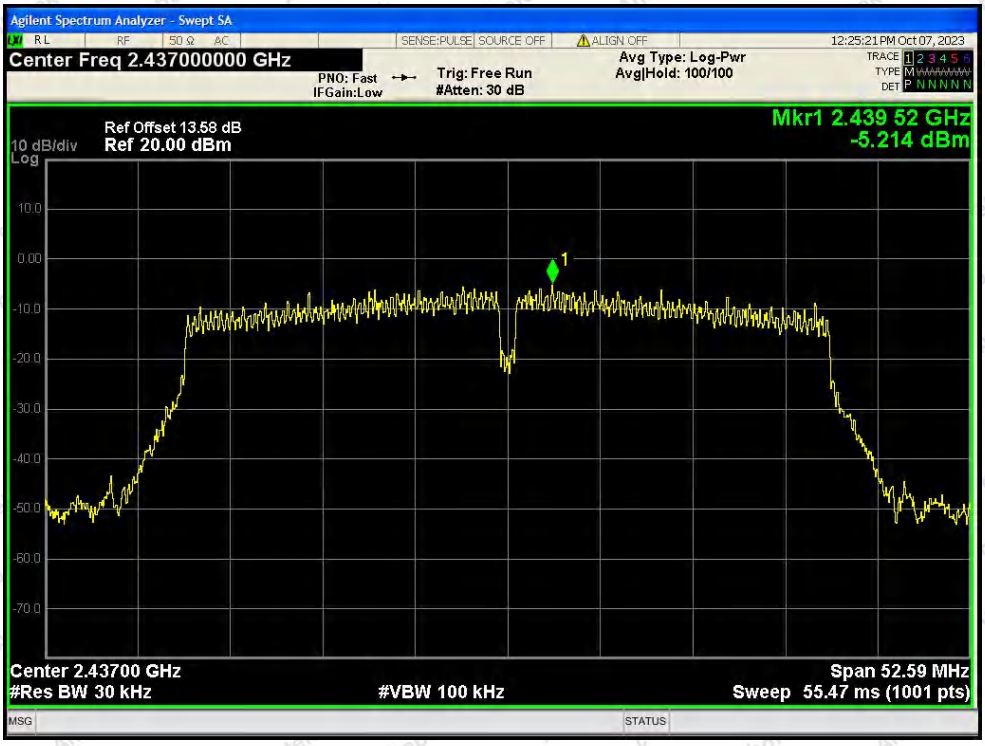

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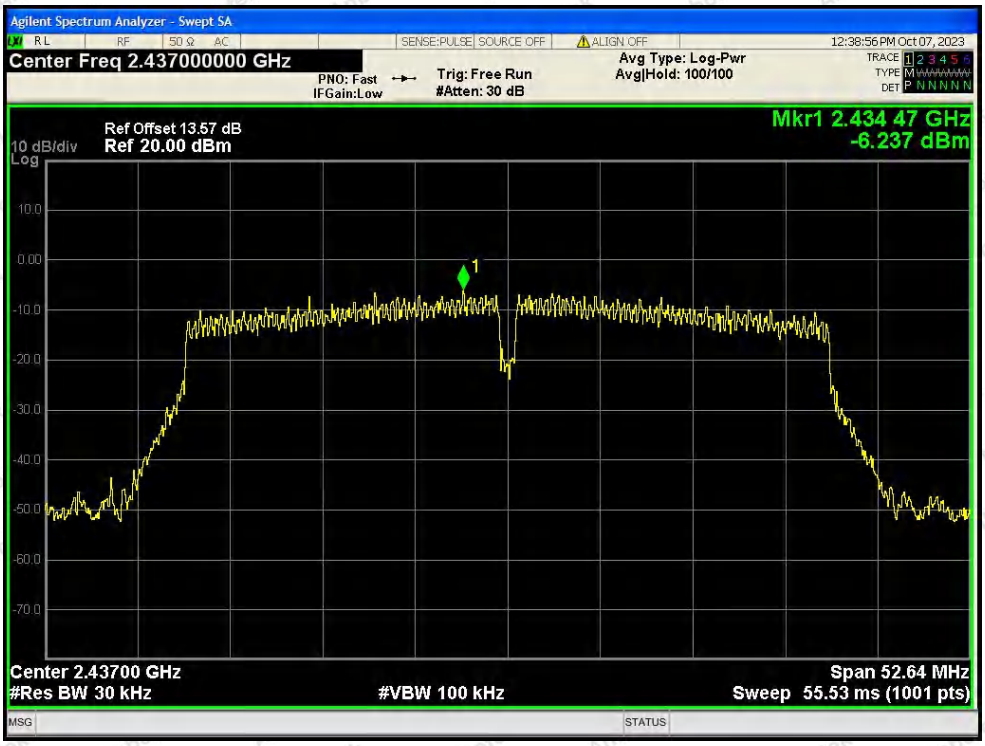

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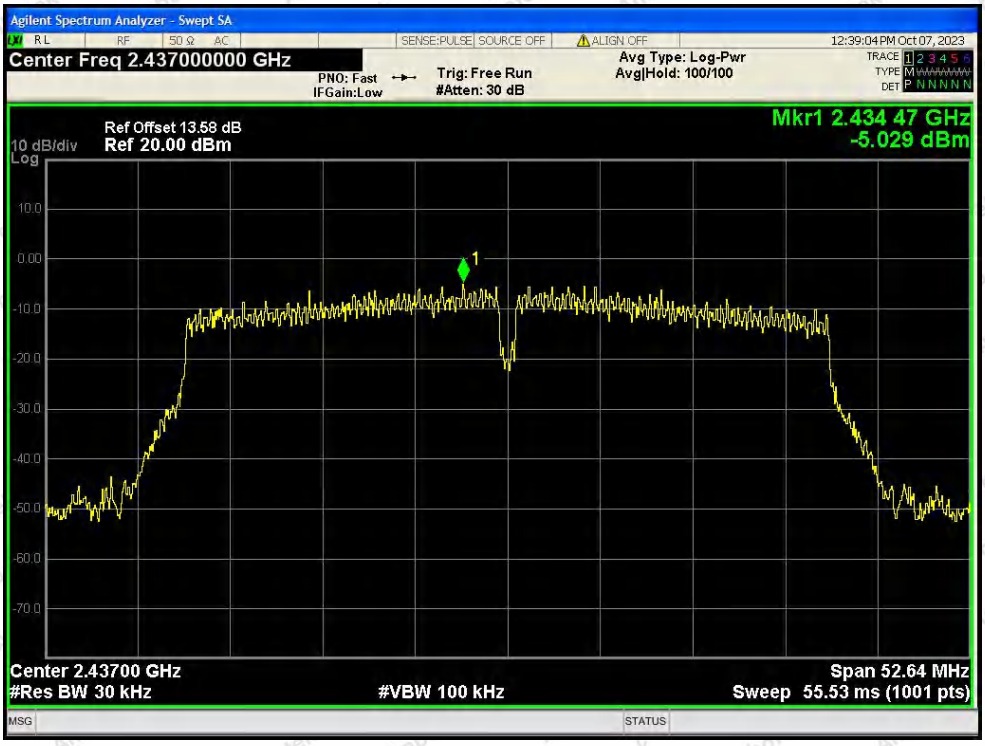

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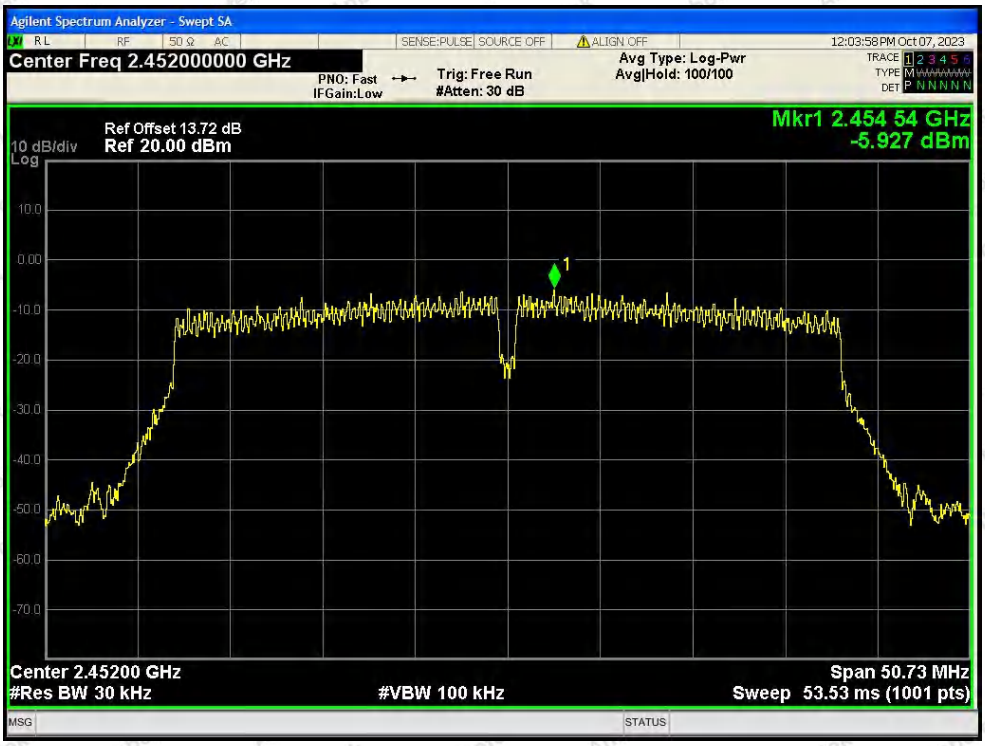

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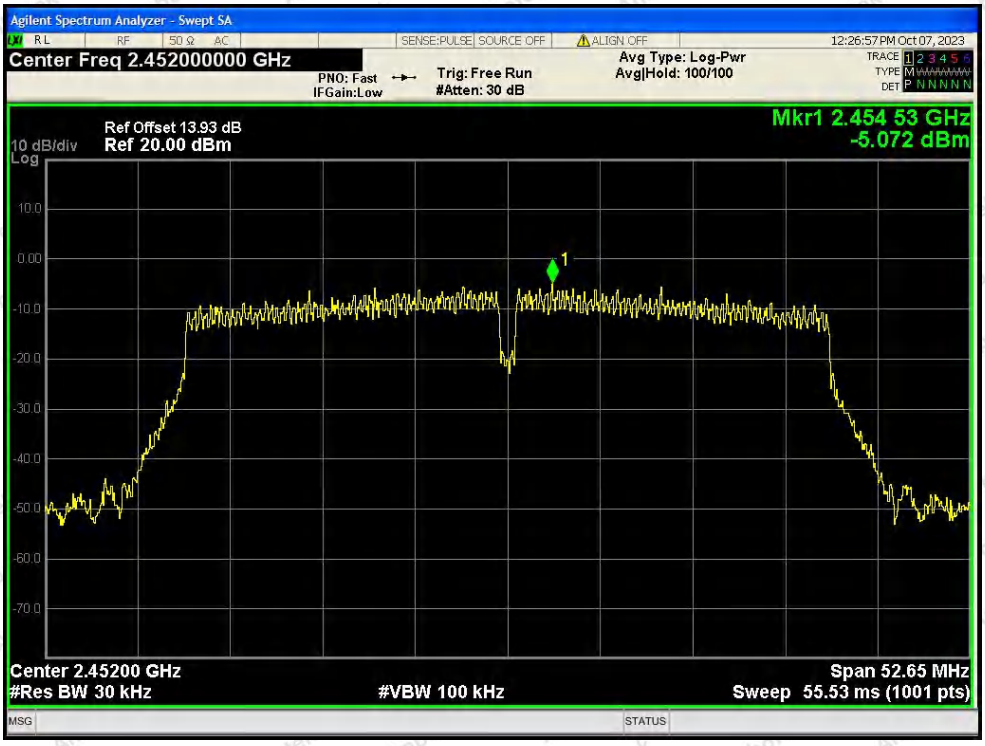

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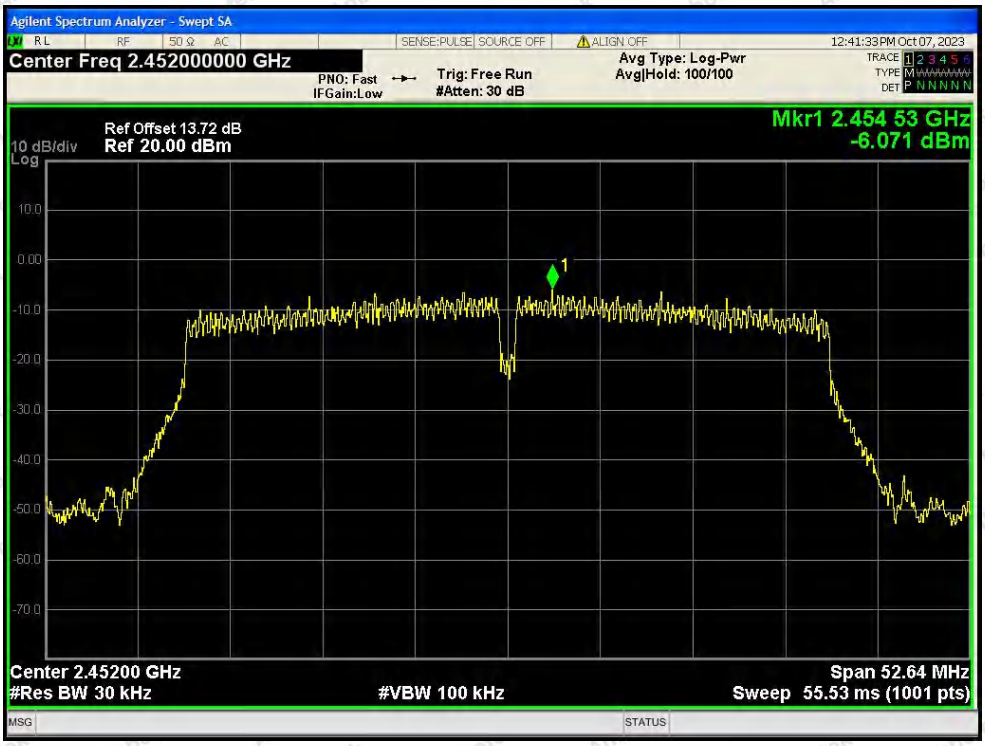
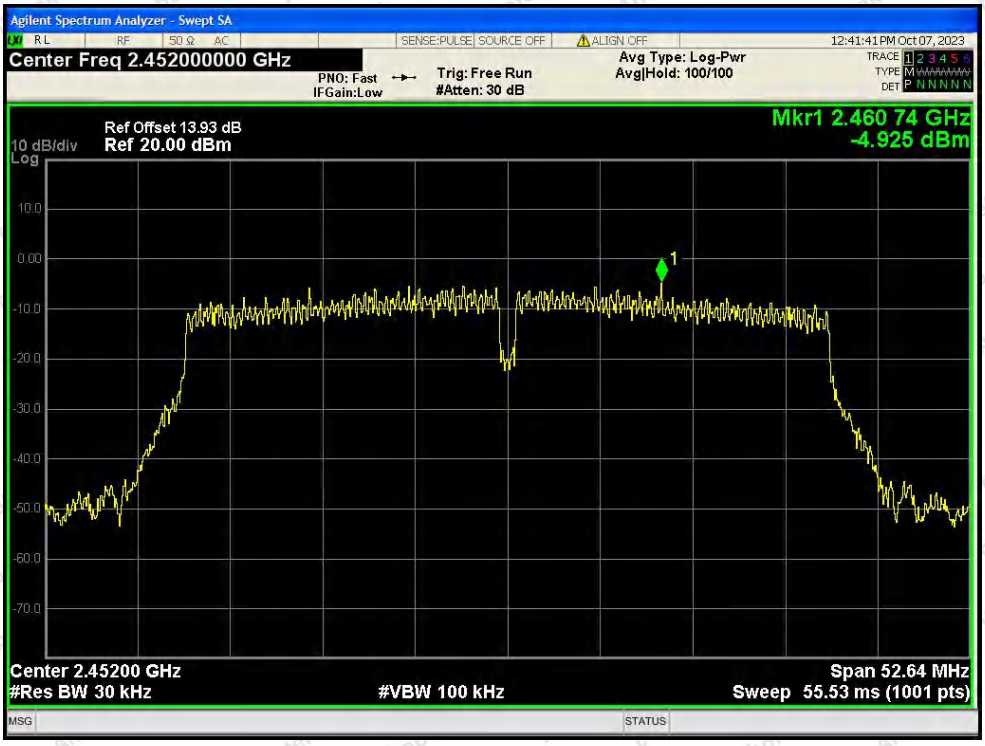
PSD NVNT n40 2452MHz Ant2 MIMO