

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5180	Ant1	1.36	1.466	92.77	0.33	0.74	0.24
NVNT	a	5200	Ant1	1.36	1.464	92.9	0.32	0.74	0.24
NVNT	a	5240	Ant1	1.36	1.466	92.77	0.33	0.74	0.29
NVNT	a	5180	Ant2	1.36	1.466	92.77	0.33	0.74	0.25
NVNT	a	5200	Ant2	1.36	1.466	92.77	0.33	0.74	0.22
NVNT	a	5240	Ant2	1.36	1.466	92.77	0.33	0.74	0.23
NVNT	n20	5180	MIMO	1.149	1.254	91.63	0.38	0.87	0.23
NVNT	n20	5200	MIMO	1.149	1.254	91.63	0.38	0.87	0.23
NVNT	n20	5240	MIMO	1.149	1.254	91.63	0.38	0.87	0.2
NVNT	n40	5190	MIMO	0.573	0.678	84.51	0.73	1.75	0.22
NVNT	n40	5230	MIMO	0.573	0.678	84.51	0.73	1.75	0.21
NVNT	ac20	5180	MIMO	1.155	1.257	91.89	0.37	0.87	0.21
NVNT	ac20	5200	MIMO	1.152	1.257	91.65	0.38	0.87	0.21
NVNT	ac20	5240	MIMO	1.152	1.257	91.65	0.38	0.87	0.21
NVNT	ac40	5190	MIMO	0.576	0.682	84.46	0.73	1.74	0.2
NVNT	ac40	5230	MIMO	0.576	0.682	84.46	0.73	1.74	0.21
NVNT	ac80	5210	MIMO	0.289	0.393	73.54	1.33	3.46	0.2
NVNT	ax20	5180	MIMO	0.986	1.09	90.46	0.44	1.01	0.2
NVNT	ax20	5200	MIMO	0.986	1.09	90.46	0.44	1.01	0.2
NVNT	ax20	5240	MIMO	0.988	1.092	90.48	0.43	1.01	0.21
NVNT	ax40	5190	MIMO	0.52	0.624	83.33	0.79	1.92	0.29
NVNT	ax40	5230	MIMO	0.52	0.626	83.07	0.81	1.92	0.25
NVNT	ax80	5210	MIMO	0.278	0.384	72.4	1.4	3.6	0.22

Duty Cycle NVNT a 5200MHz Ant2

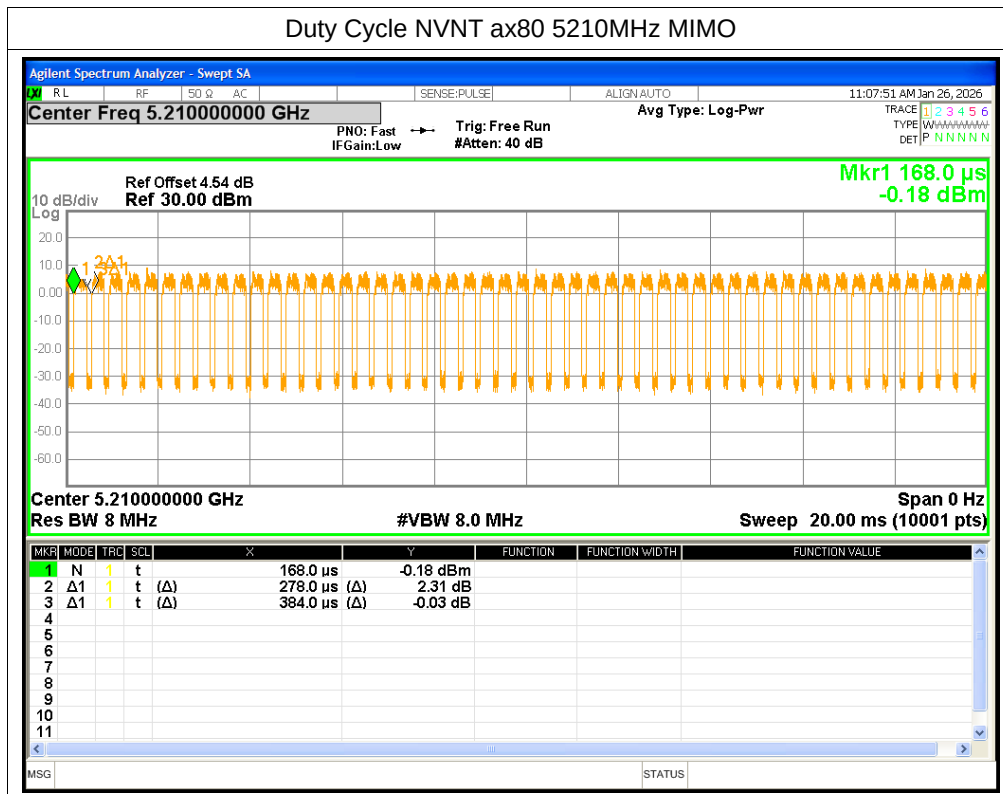
Duty Cycle NVNT n20 5180MHz MIMO

Duty Cycle NVNT n20 5240MHz MIMO

Duty Cycle NVNT n40 5230MHz MIMO

Duty Cycle NVNT ac40 5190MHz MIMO

Duty Cycle NVNT ac80 5210MHz MIMO



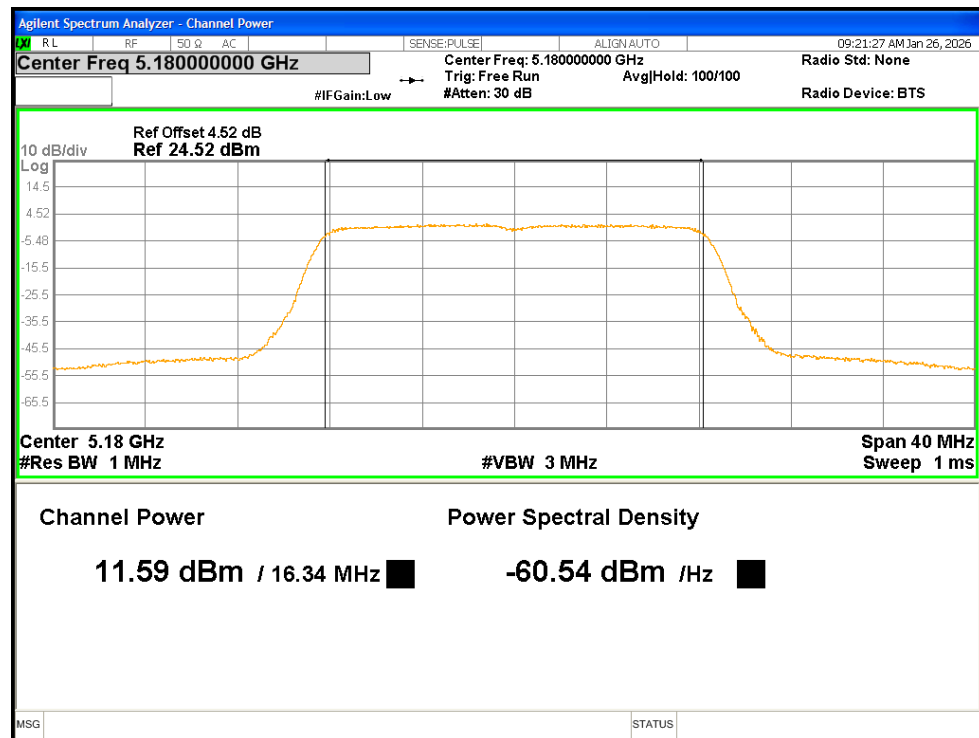
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant1	11.59	0.33	11.92	<=24	Pass
NVNT	a	5200	Ant1	11.32	0.32	11.64	<=24	Pass
NVNT	a	5240	Ant1	11.67	0.33	12	<=24	Pass
NVNT	a	5180	Ant2	12.01	0.33	12.34	<=24	Pass
NVNT	a	5200	Ant2	11.71	0.33	12.04	<=24	Pass
NVNT	a	5240	Ant2	11.96	0.33	12.29	<=24	Pass
NVNT	n20	5180	Ant1	10.53	0.38	10.91	<=24	Pass
NVNT	n20	5180	Ant2	11.09	0.38	11.47	<=24	Pass
NVNT	n20	5180	MIMO	-	-	14.21	<=24	Pass
NVNT	n20	5200	Ant1	10.59	0.38	10.97	<=24	Pass
NVNT	n20	5200	Ant2	14.56	0.38	14.94	<=24	Pass
NVNT	n20	5200	MIMO	-	-	16.4	<=24	Pass
NVNT	n20	5240	Ant1	10.66	0.38	11.04	<=24	Pass
NVNT	n20	5240	Ant2	9.69	0.38	10.07	<=24	Pass
NVNT	n20	5240	MIMO	-	-	13.59	<=24	Pass
NVNT	n40	5190	Ant1	9.37	0.73	10.1	<=24	Pass
NVNT	n40	5190	Ant2	12.26	0.73	12.99	<=24	Pass
NVNT	n40	5190	MIMO	-	-	14.79	<=24	Pass
NVNT	n40	5230	Ant1	9.11	0.73	9.84	<=24	Pass
NVNT	n40	5230	Ant2	9.92	0.73	10.65	<=24	Pass
NVNT	n40	5230	MIMO	-	-	13.27	<=24	Pass
NVNT	ac20	5180	Ant1	9.47	0.37	9.84	<=24	Pass
NVNT	ac20	5180	Ant2	10.25	0.37	10.62	<=24	Pass
NVNT	ac20	5180	MIMO	-	-	13.26	<=24	Pass
NVNT	ac20	5200	Ant1	9.51	0.38	9.89	<=24	Pass
NVNT	ac20	5200	Ant2	13.26	0.38	13.64	<=24	Pass
NVNT	ac20	5200	MIMO	-	-	15.17	<=24	Pass
NVNT	ac20	5240	Ant1	9.66	0.38	10.04	<=24	Pass
NVNT	ac20	5240	Ant2	8.36	0.38	8.74	<=24	Pass
NVNT	ac20	5240	MIMO	-	-	12.45	<=24	Pass
NVNT	ac40	5190	Ant1	9.25	0.73	9.98	<=24	Pass
NVNT	ac40	5190	Ant2	12.03	0.73	12.76	<=24	Pass
NVNT	ac40	5190	MIMO	-	-	14.6	<=24	Pass
NVNT	ac40	5230	Ant1	9.11	0.73	9.84	<=24	Pass
NVNT	ac40	5230	Ant2	9.68	0.73	10.41	<=24	Pass
NVNT	ac40	5230	MIMO	-	-	13.14	<=24	Pass
NVNT	ac80	5210	Ant1	8.1	1.33	9.43	<=24	Pass
NVNT	ac80	5210	Ant2	12.06	1.33	13.39	<=24	Pass
NVNT	ac80	5210	MIMO	-	-	14.86	<=24	Pass
NVNT	ax20	5180	Ant1	9.54	0.44	9.98	<=24	Pass

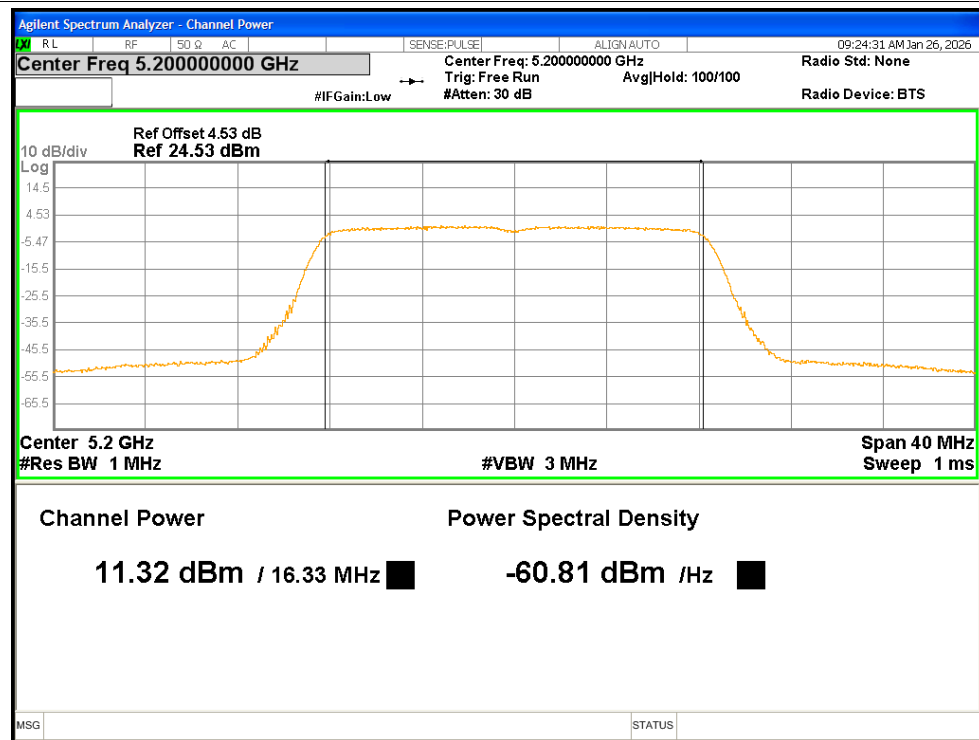
NVNT	ax20	5180	Ant2	9.98	0.44	10.42	<=24	Pass
NVNT	ax20	5180	MIMO	-	-	13.22	<=24	Pass
NVNT	ax20	5200	Ant1	9.43	0.44	9.87	<=24	Pass
NVNT	ax20	5200	Ant2	13.77	0.44	14.21	<=24	Pass
NVNT	ax20	5200	MIMO	-	-	15.57	<=24	Pass
NVNT	ax20	5240	Ant1	9.77	0.43	10.2	<=24	Pass
NVNT	ax20	5240	Ant2	8.56	0.43	8.99	<=24	Pass
NVNT	ax20	5240	MIMO	-	-	12.65	<=24	Pass
NVNT	ax40	5190	Ant1	8.98	0.79	9.77	<=24	Pass
NVNT	ax40	5190	Ant2	11.88	0.79	12.67	<=24	Pass
NVNT	ax40	5190	MIMO	-	-	14.47	<=24	Pass
NVNT	ax40	5230	Ant1	9.15	0.81	9.96	<=24	Pass
NVNT	ax40	5230	Ant2	9.85	0.81	10.66	<=24	Pass
NVNT	ax40	5230	MIMO	-	-	13.33	<=24	Pass
NVNT	ax80	5210	Ant1	8.2	1.4	9.6	<=24	Pass
NVNT	ax80	5210	Ant2	12.22	1.4	13.62	<=24	Pass
NVNT	ax80	5210	MIMO	-	-	15.07	<=24	Pass

Test Graphs

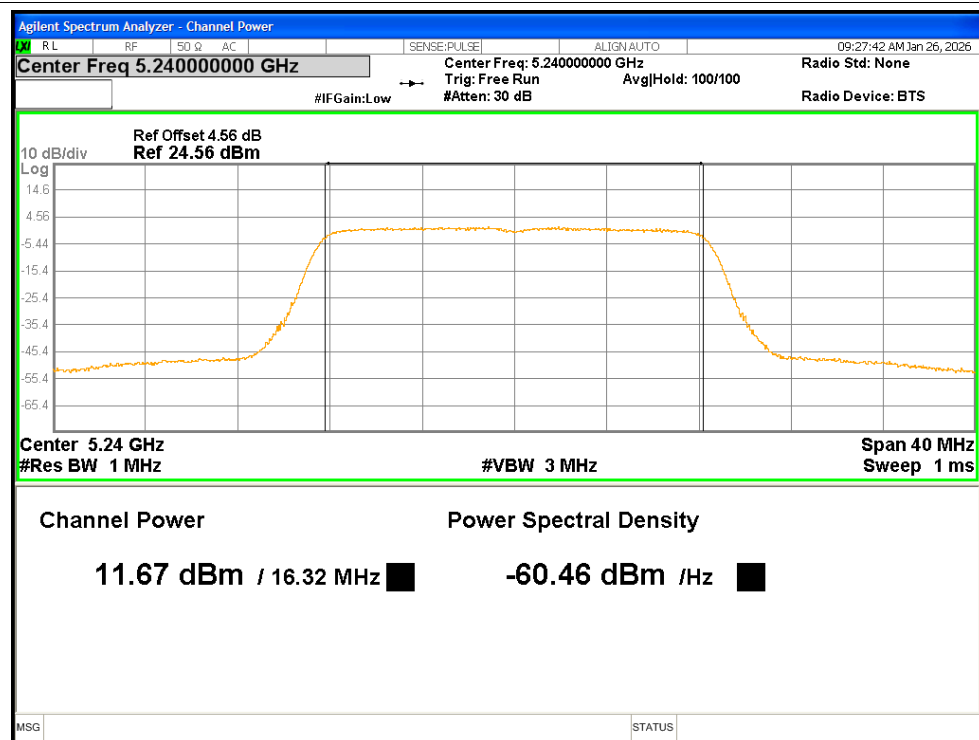
Power NVNT a 5180MHz Ant1



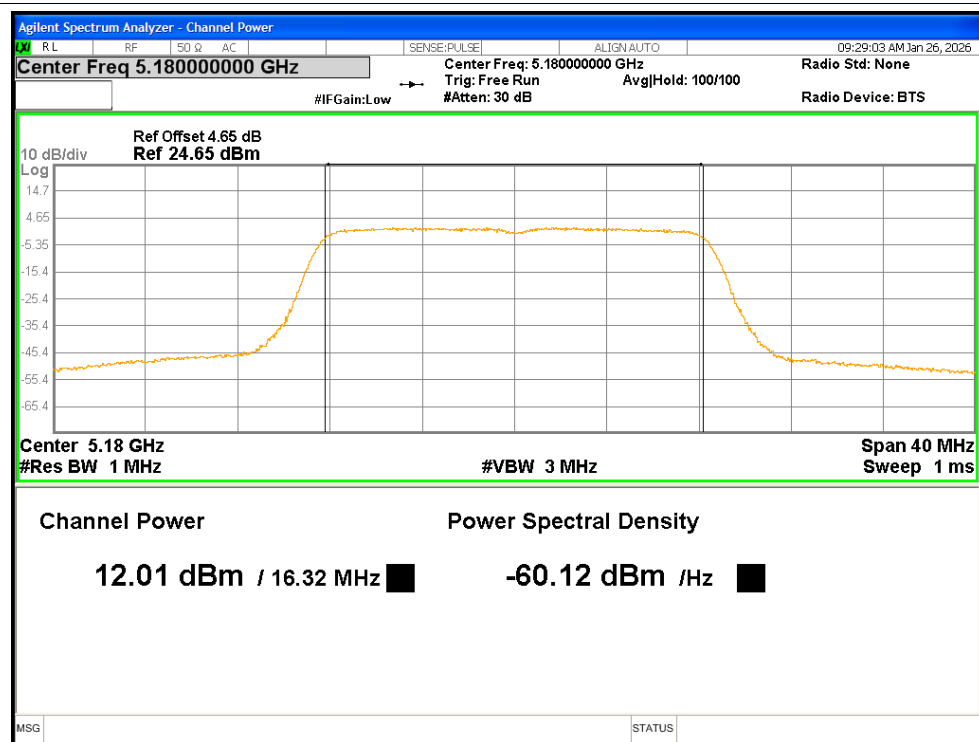
Power NVNT a 5200MHz Ant1



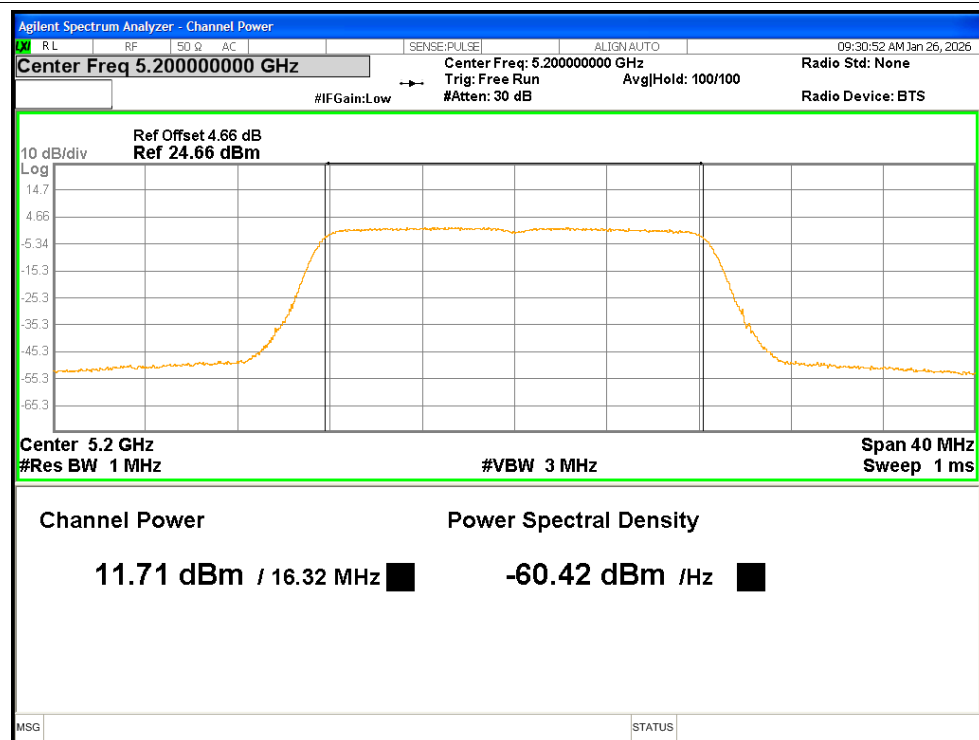
Power NVNT a 5240MHz Ant1



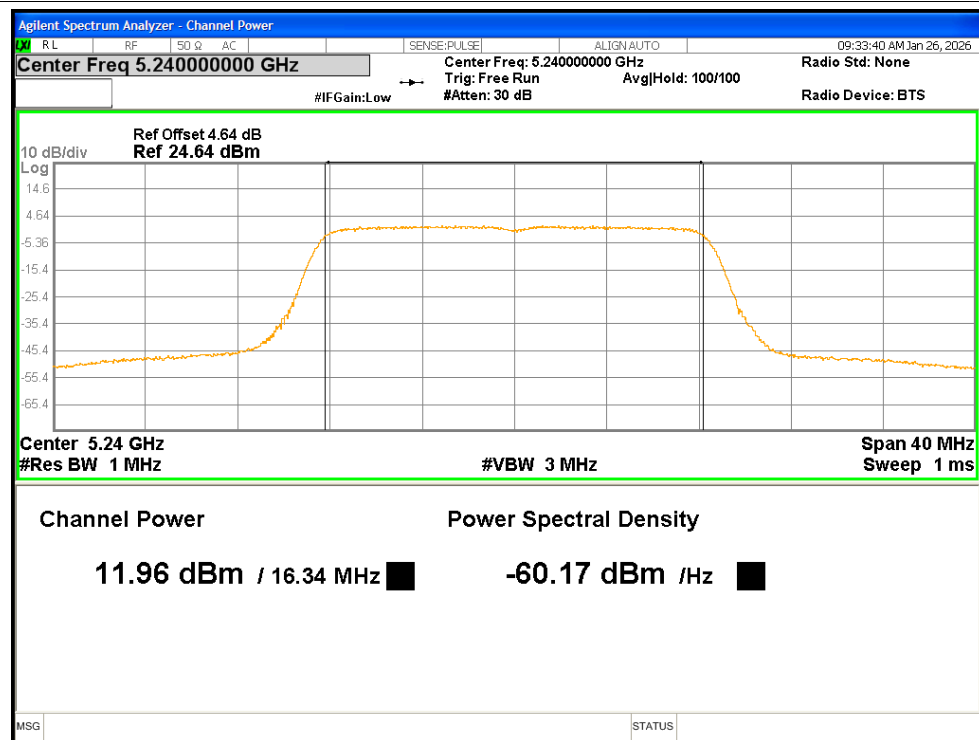
Power NVNT a 5180MHz Ant2



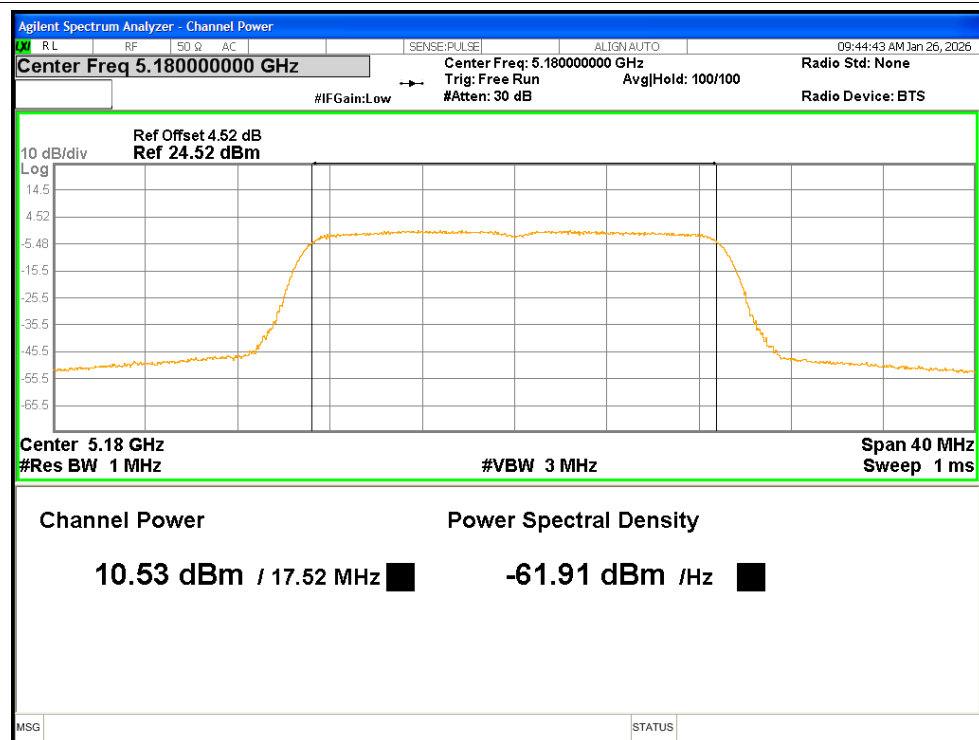
Power NVNT a 5200MHz Ant2



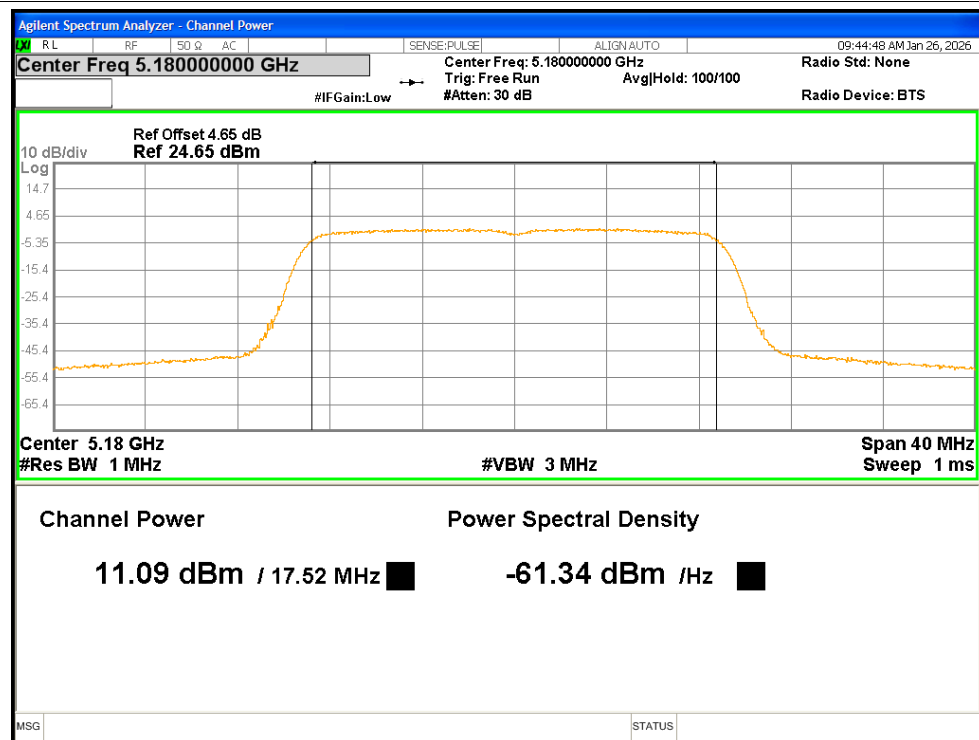
Power NVNT a 5240MHz Ant2



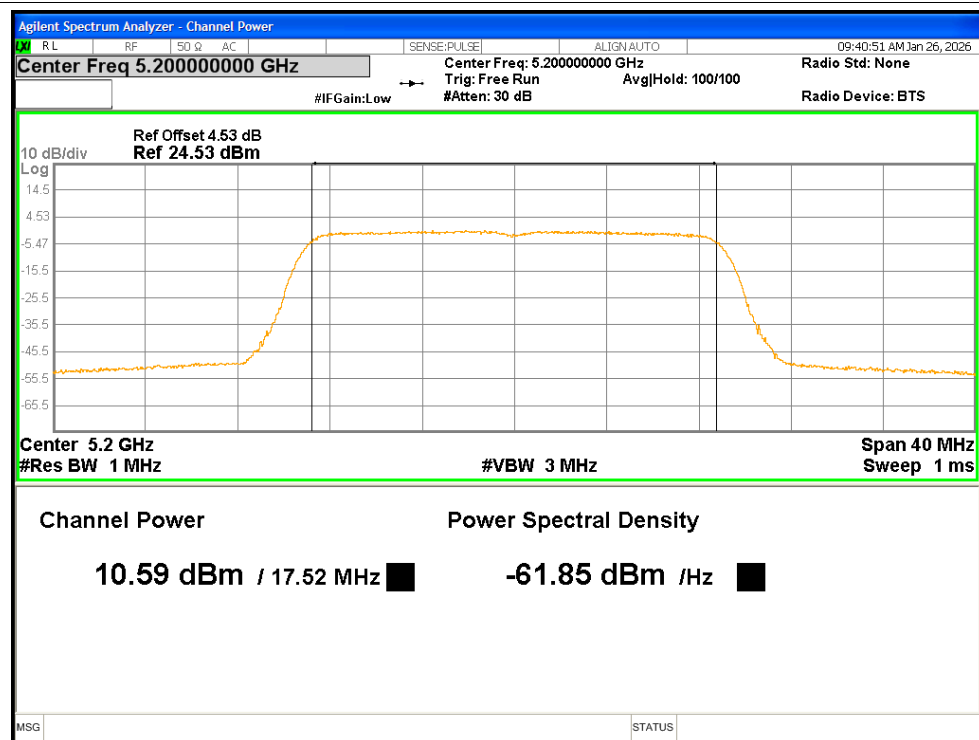
Power NVNT n20 5180MHz Ant1



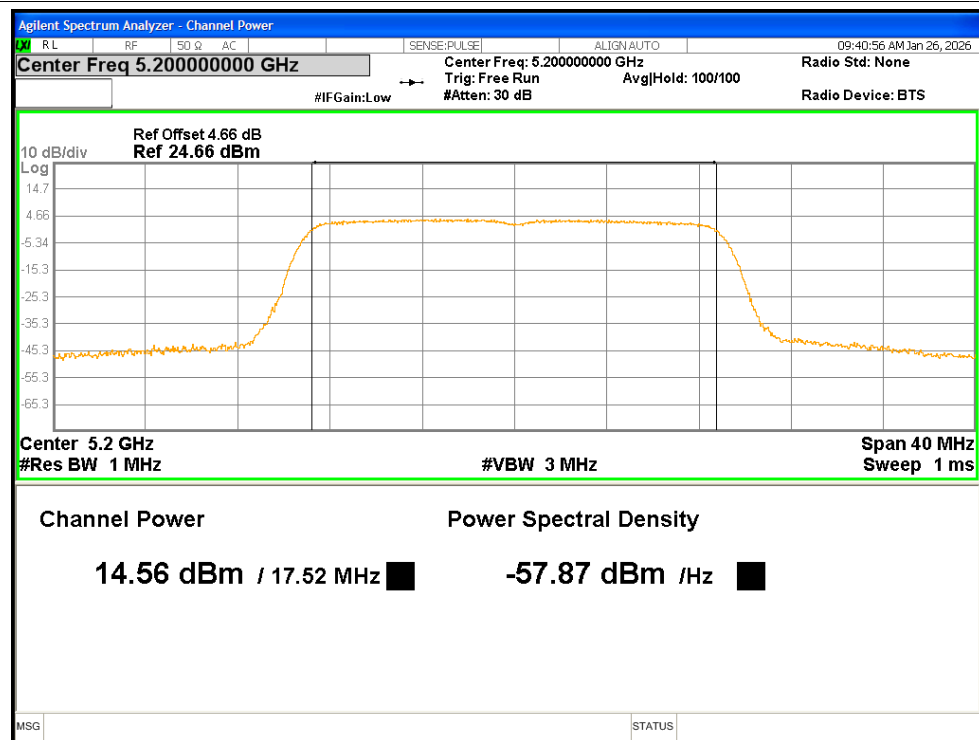
Power NVNT n20 5180MHz Ant2



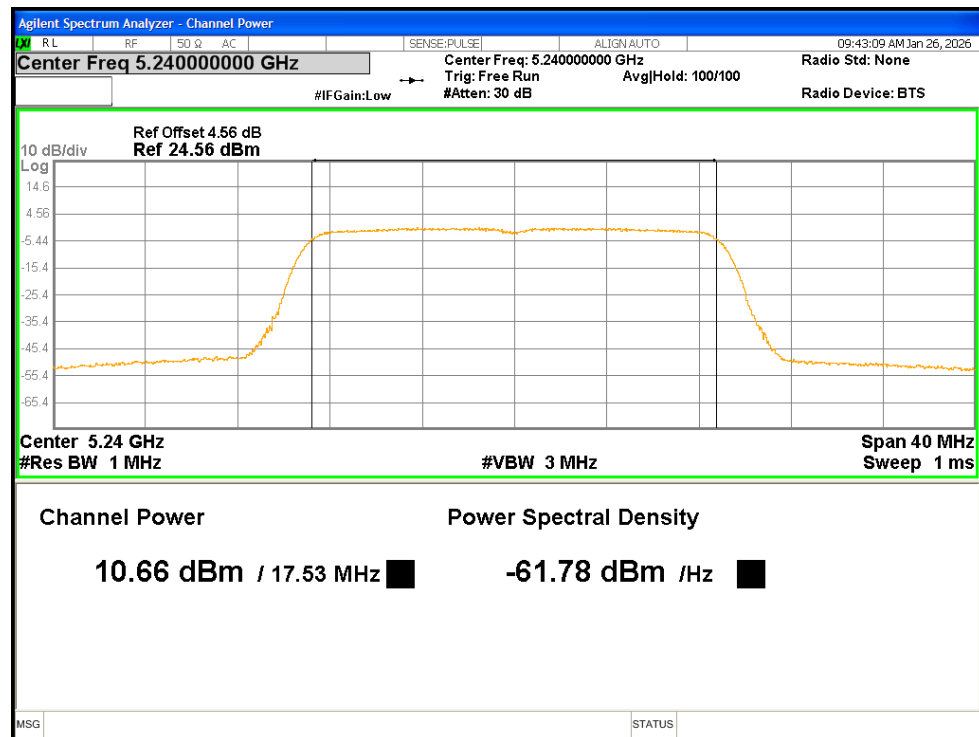
Power NVNT n20 5200MHz Ant1



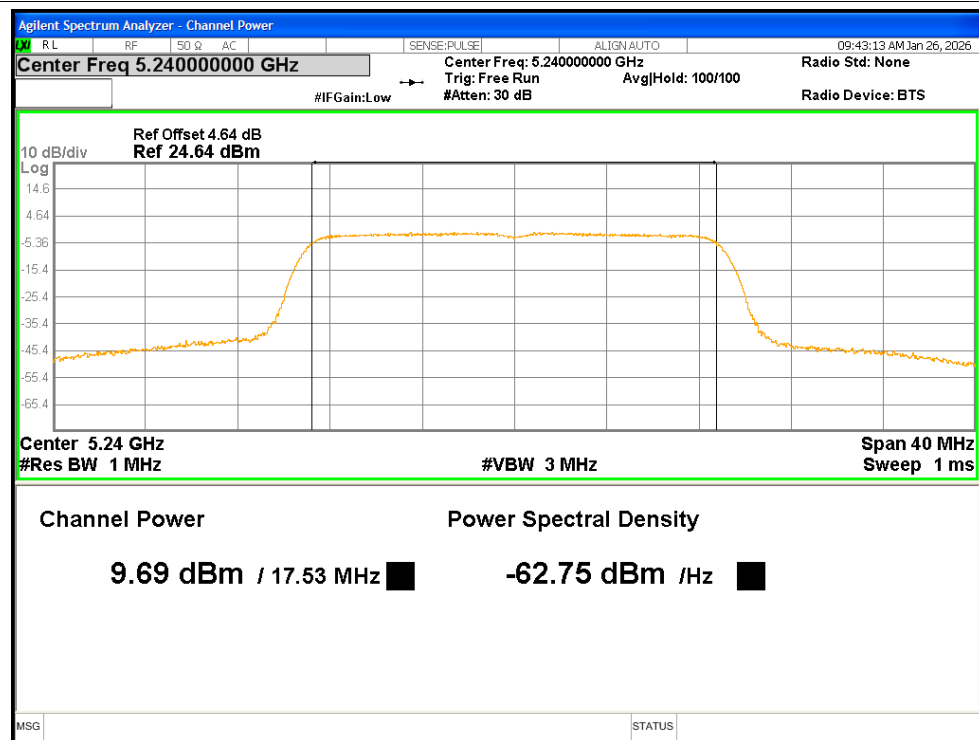
Power NVNT n20 5200MHz Ant2



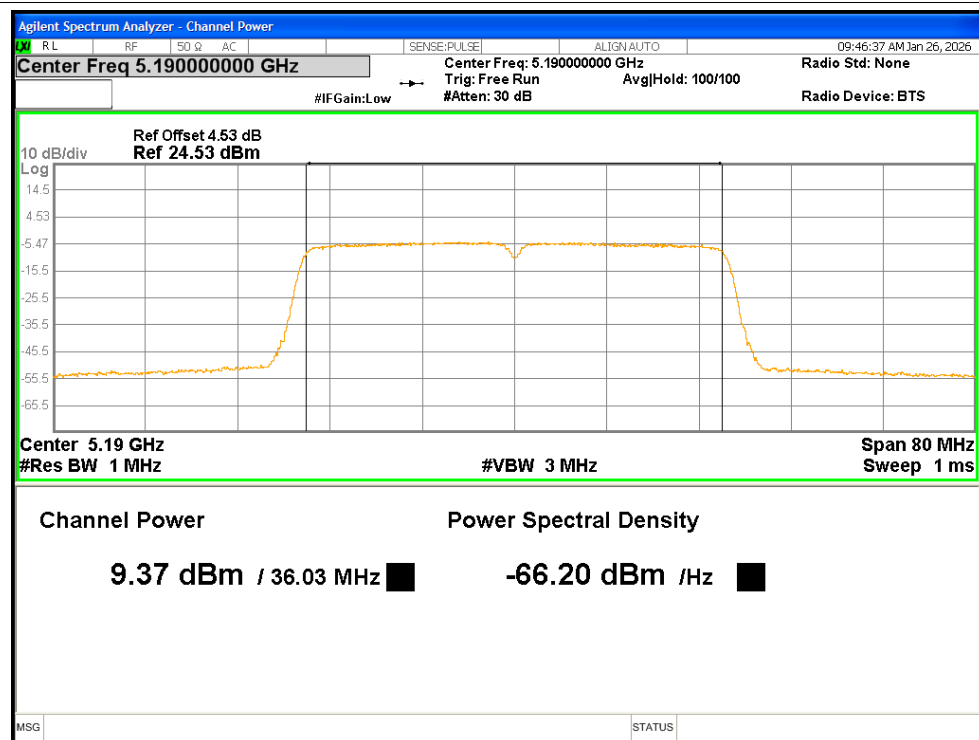
Power NVNT n20 5240MHz Ant1



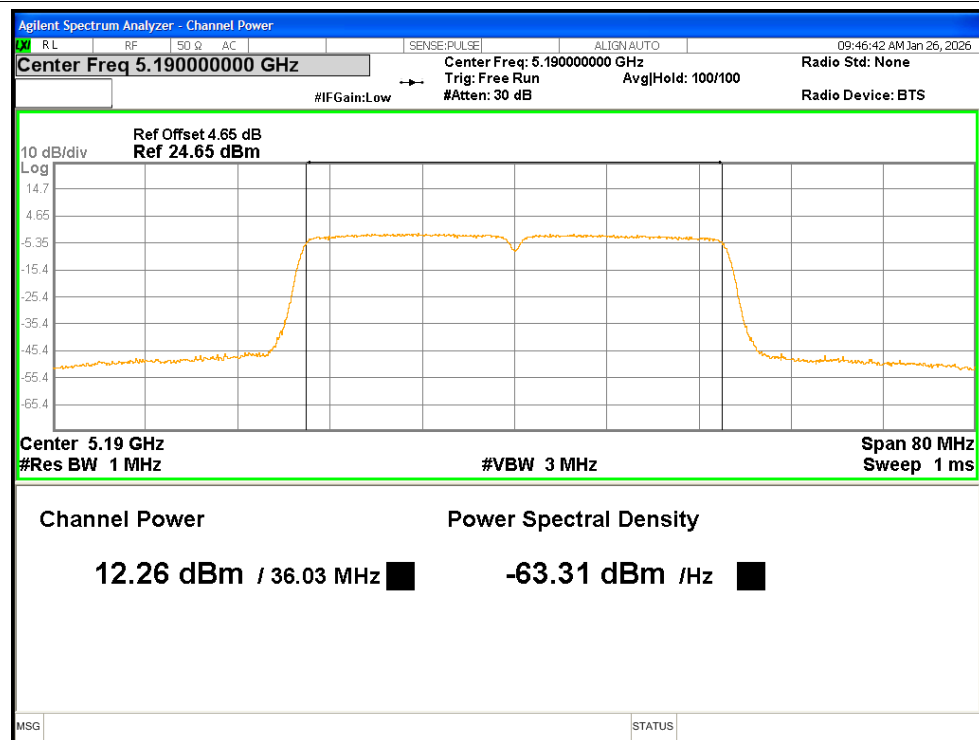
Power NVNT n20 5240MHz Ant2



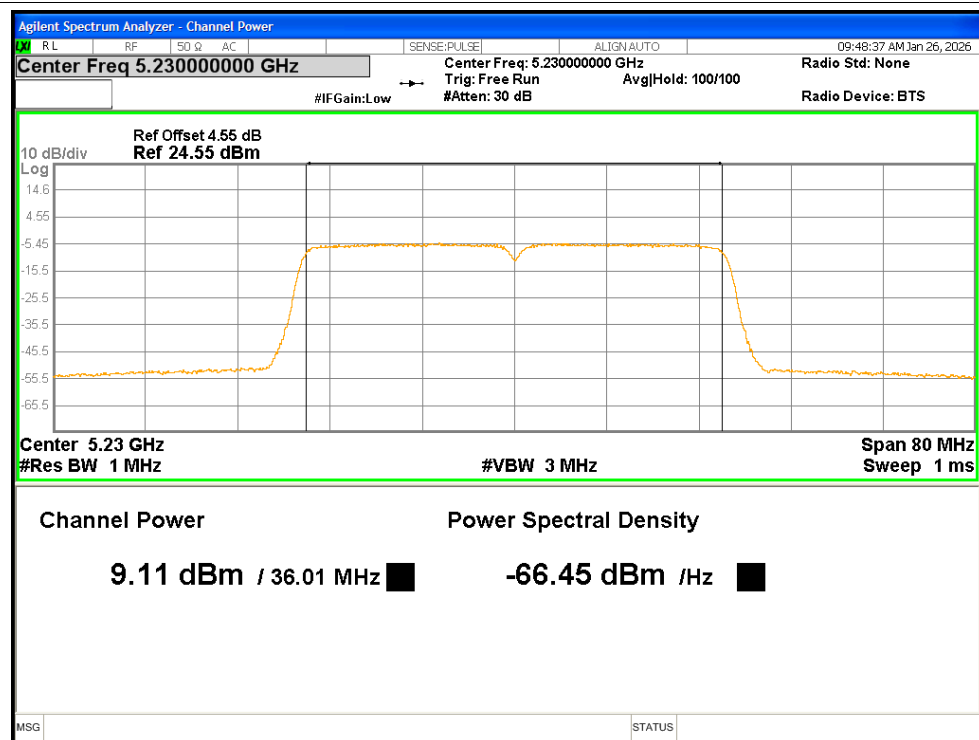
Power NVNT n40 5190MHz Ant1



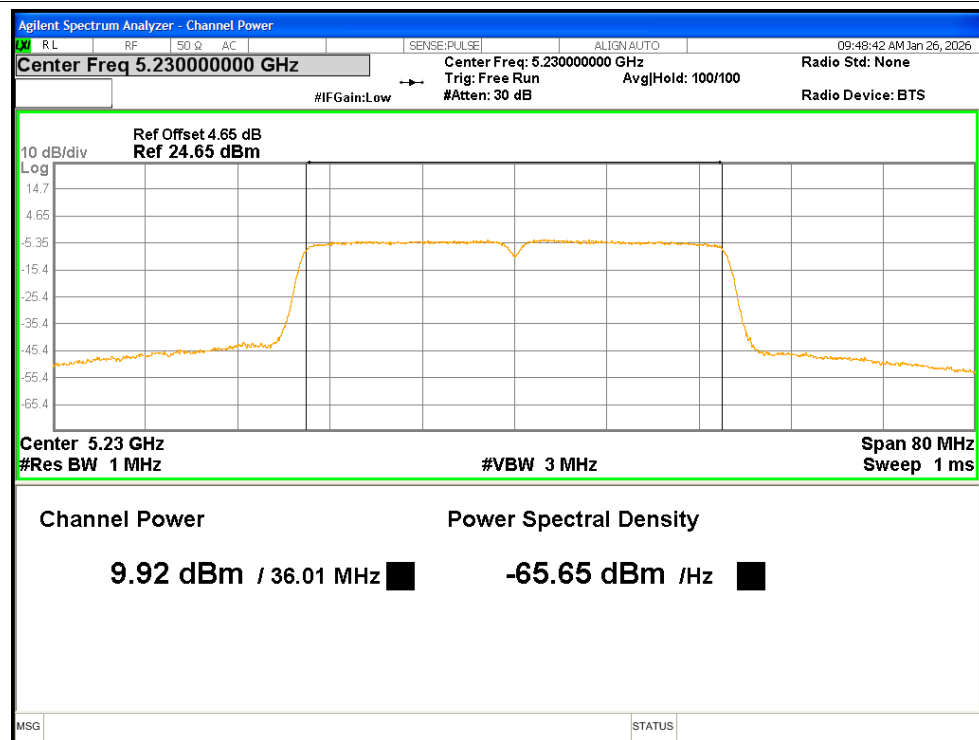
Power NVNT n40 5190MHz Ant2



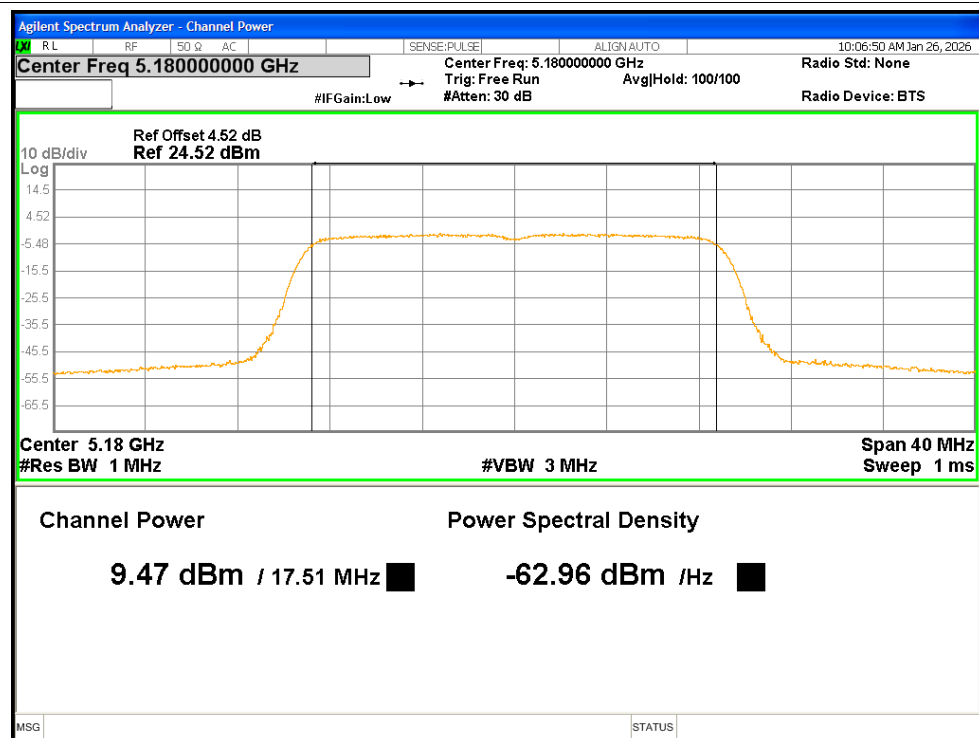
Power NVNT n40 5230MHz Ant1



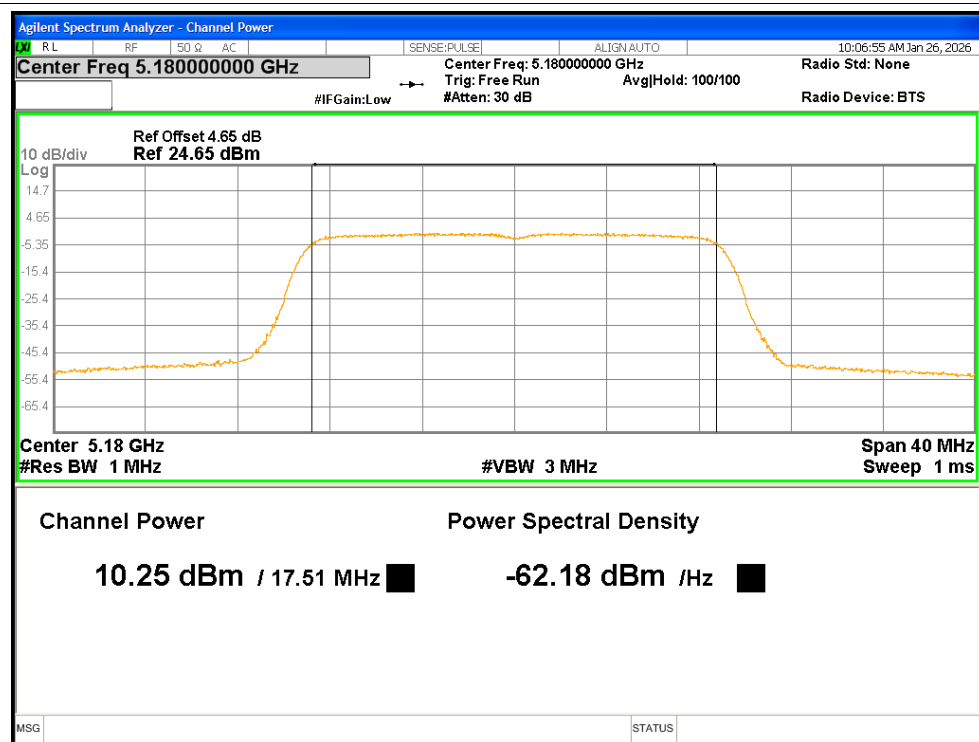
Power NVNT n40 5230MHz Ant2



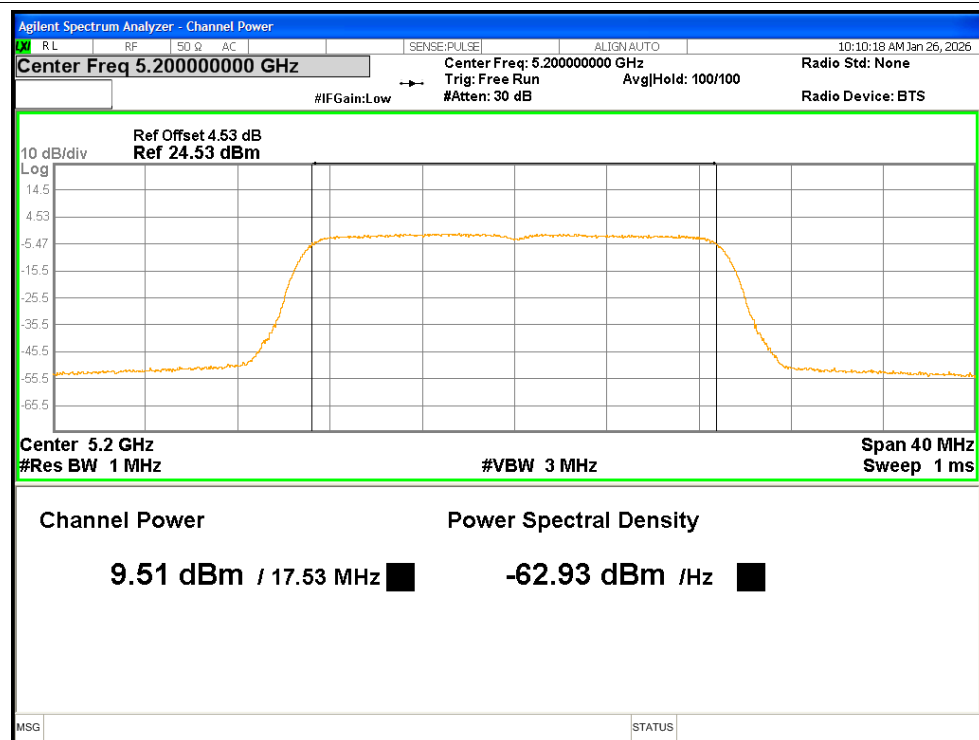
Power NVNT ac20 5180MHz Ant1



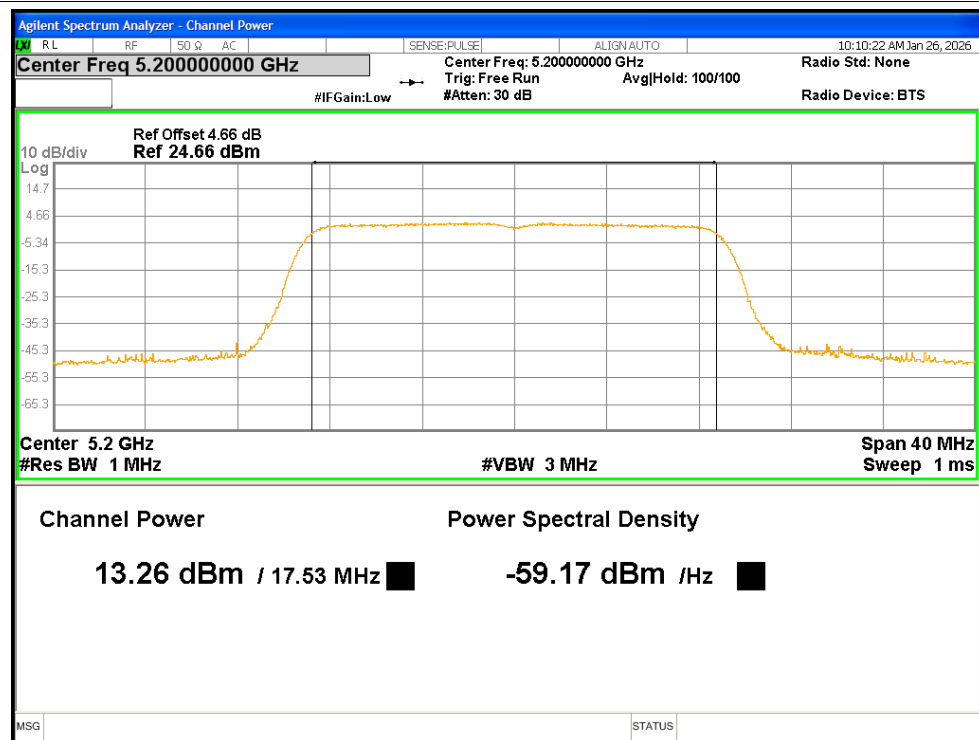
Power NVNT ac20 5180MHz Ant2



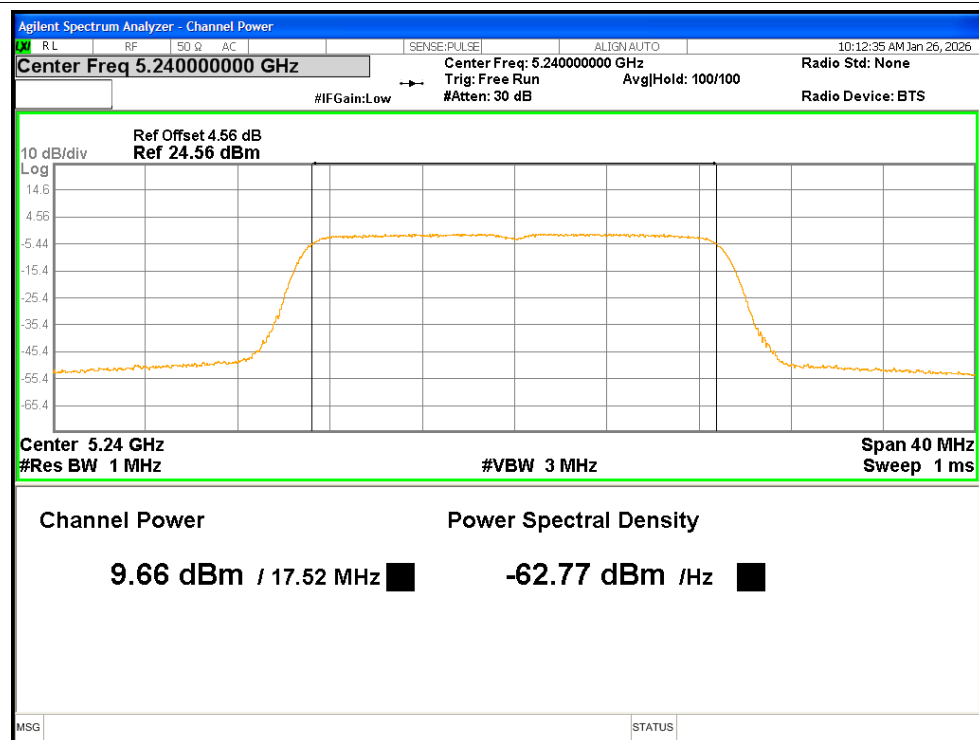
Power NVNT ac20 5200MHz Ant1



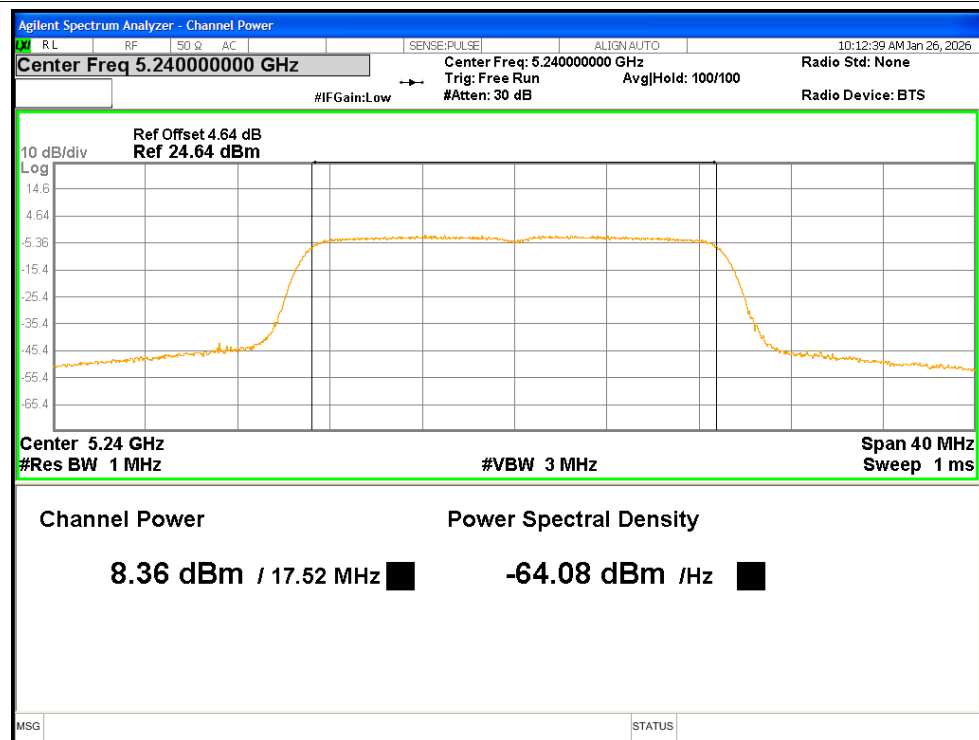
Power NVNT ac20 5200MHz Ant2



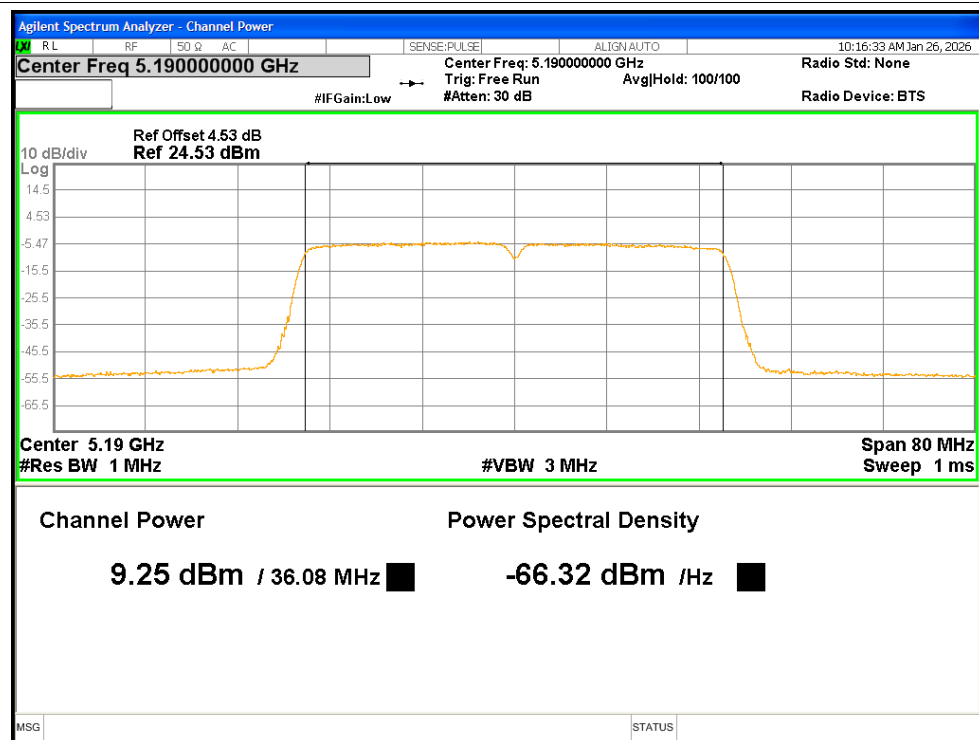
Power NVNT ac20 5240MHz Ant1



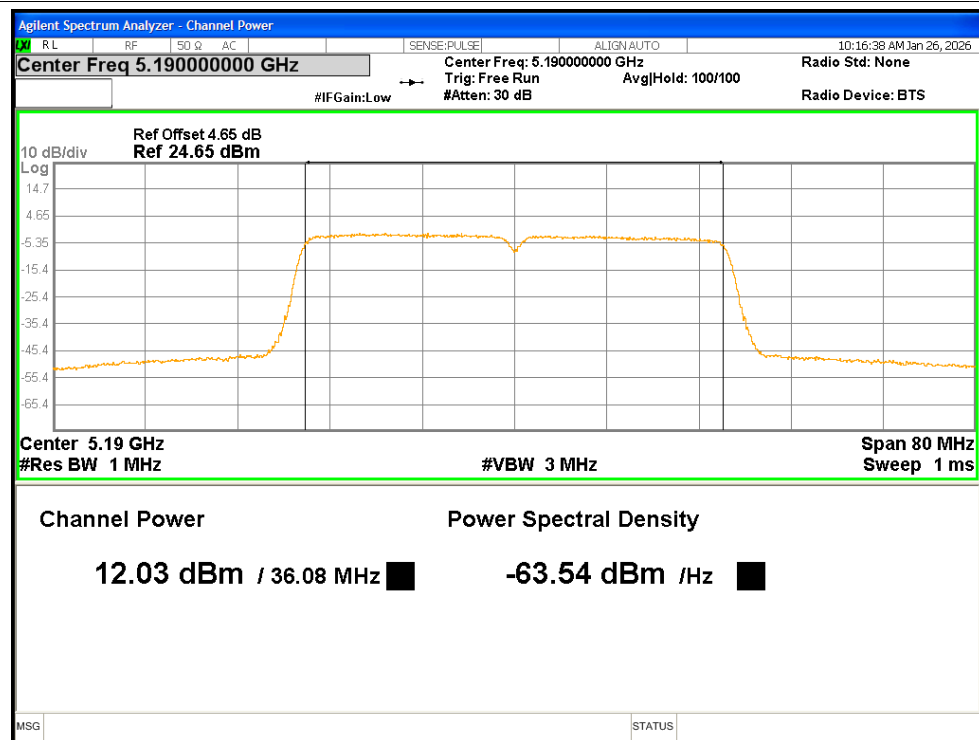
Power NVNT ac20 5240MHz Ant2



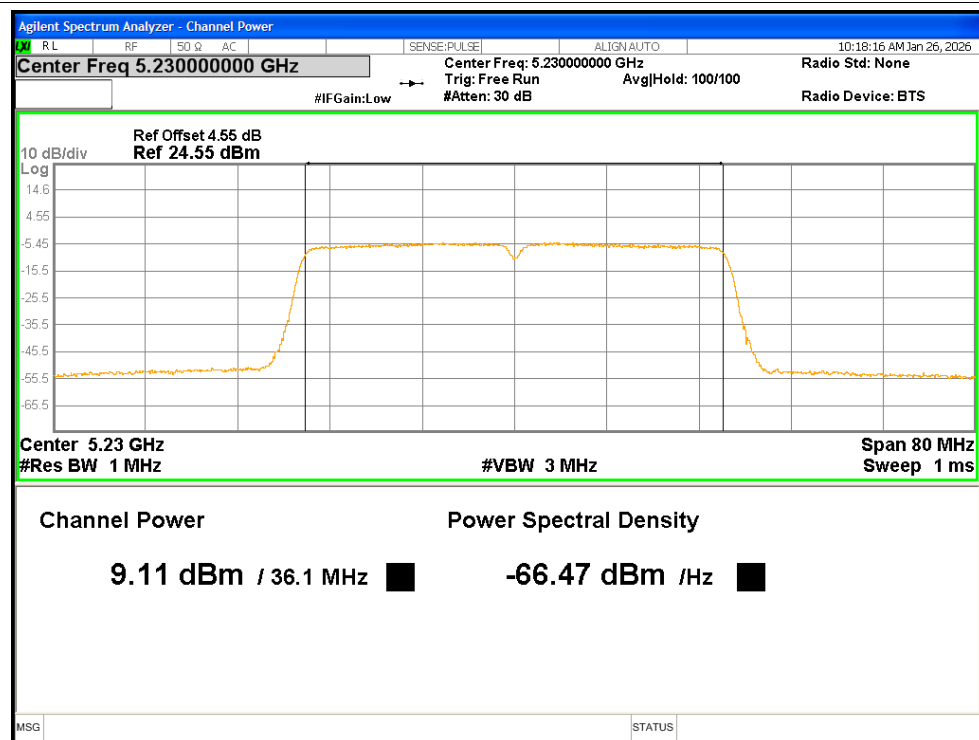
Power NVNT ac40 5190MHz Ant1



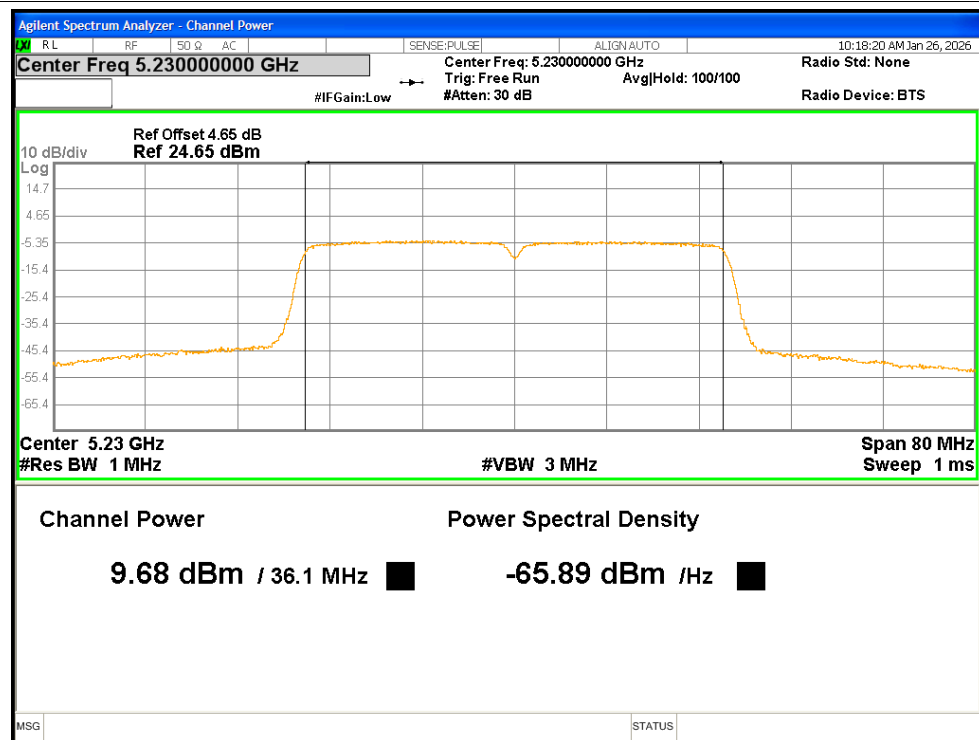
Power NVNT ac40 5190MHz Ant2



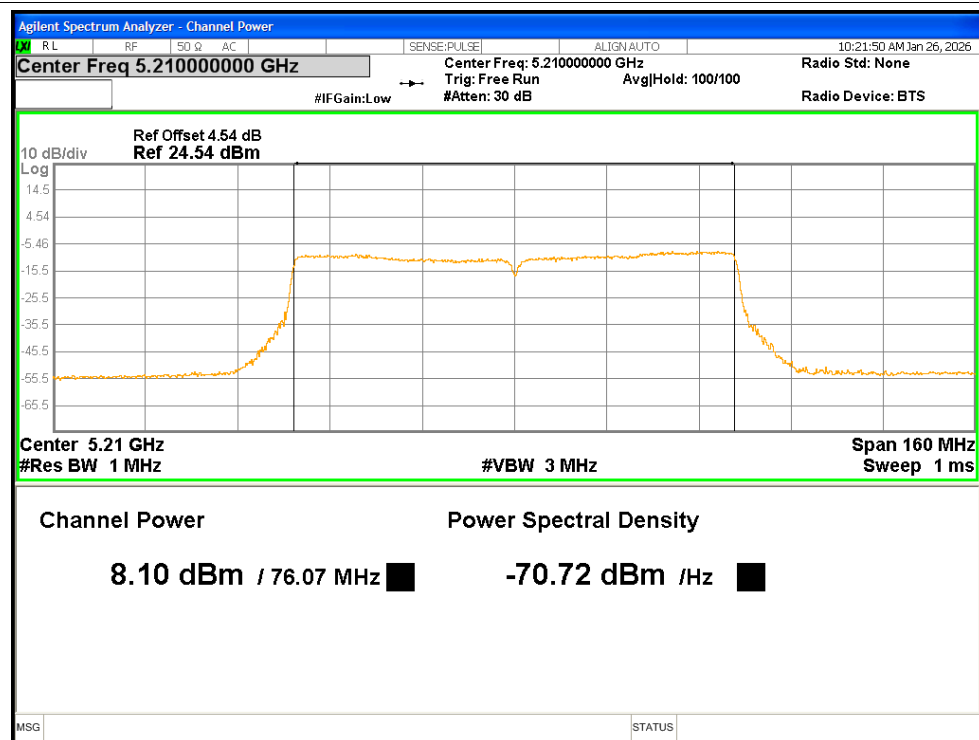
Power NVNT ac40 5230MHz Ant1



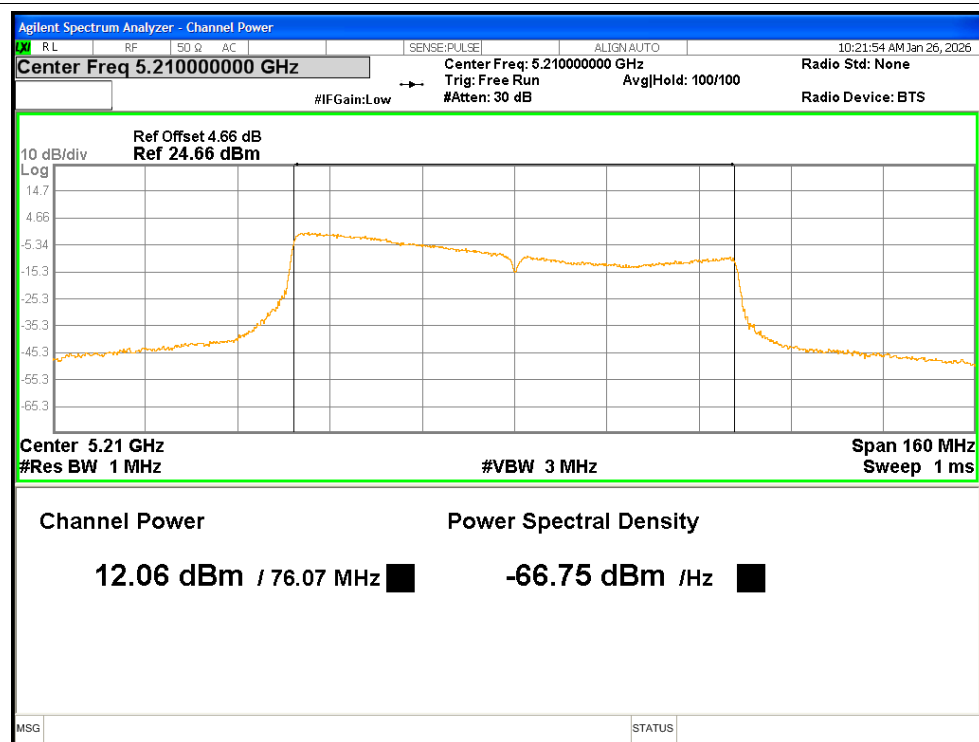
Power NVNT ac40 5230MHz Ant2



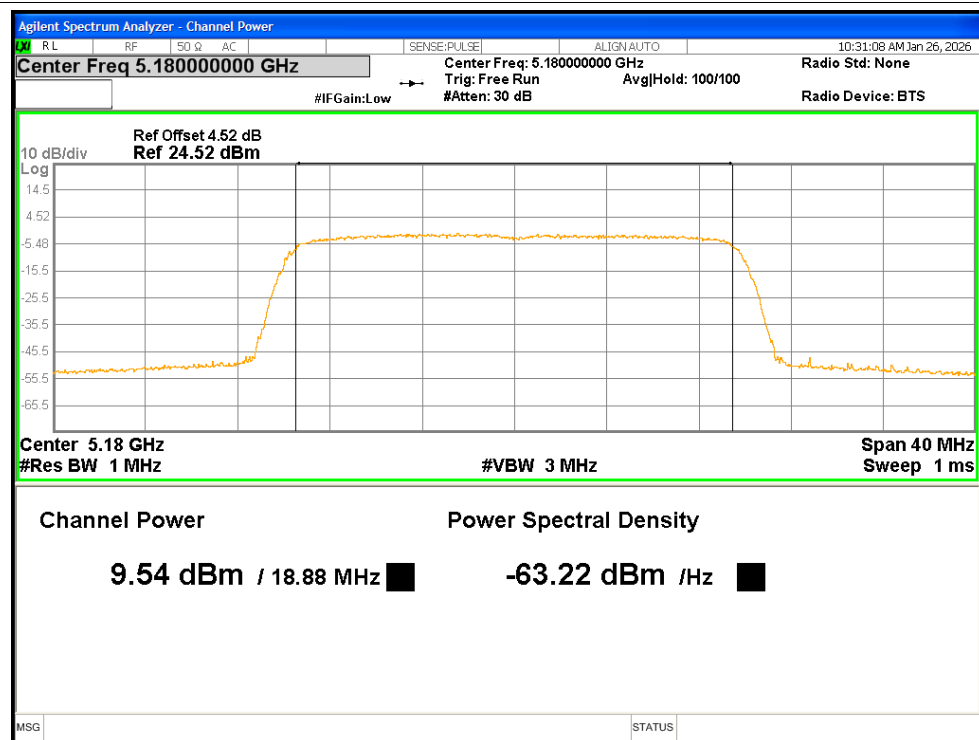
Power NVNT ac80 5210MHz Ant1



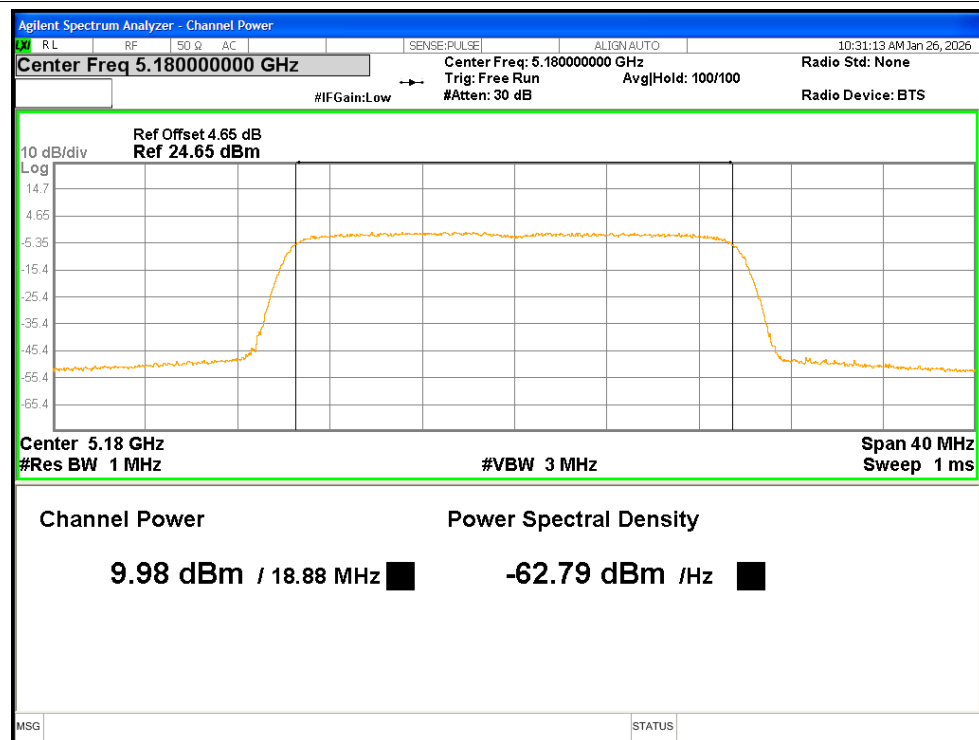
Power NVNT ac80 5210MHz Ant2



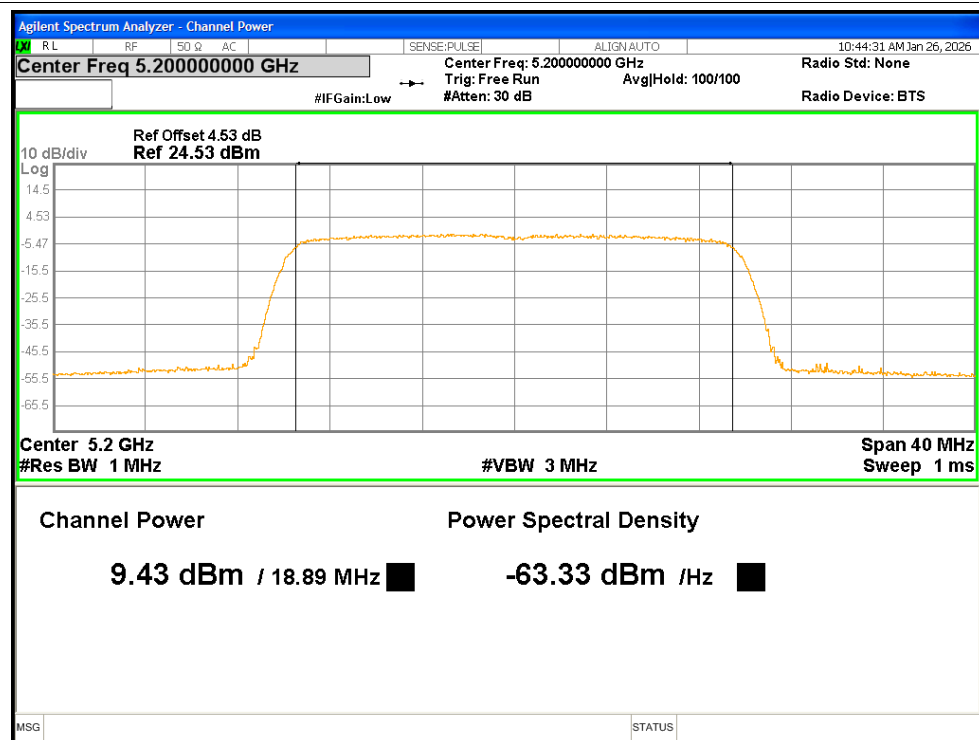
Power NVNT ax20 5180MHz Ant1



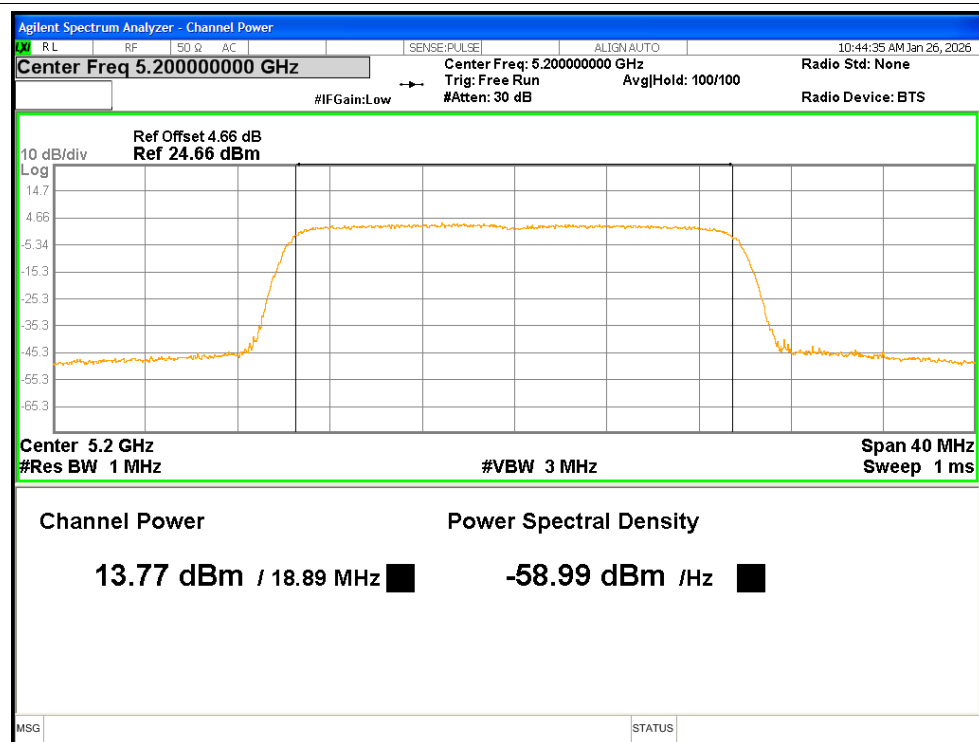
Power NVNT ax20 5180MHz Ant2



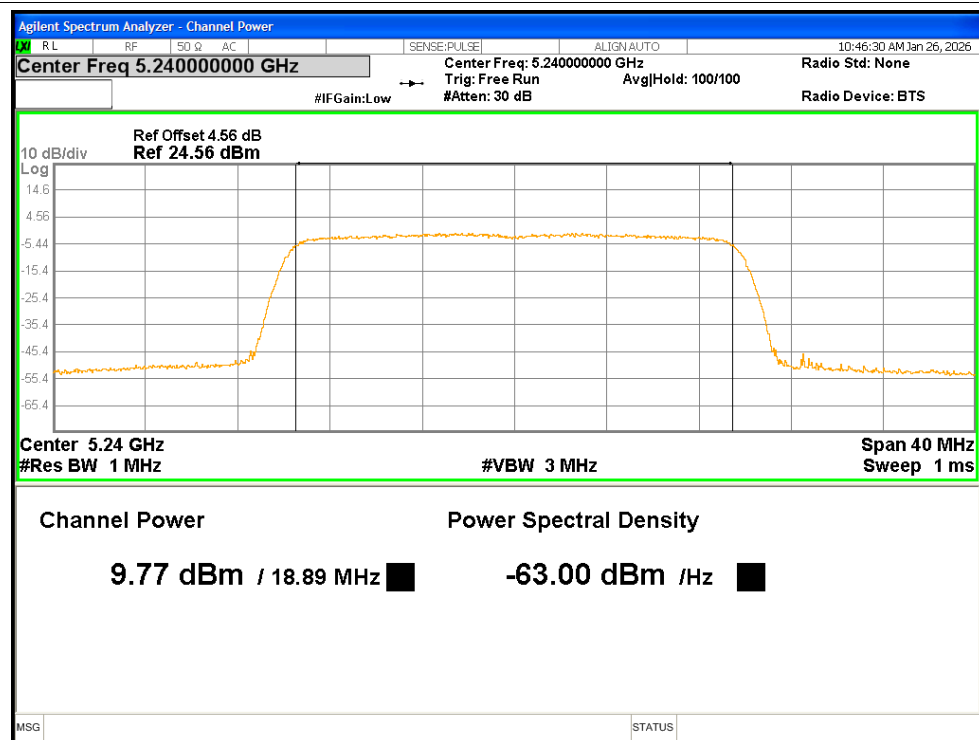
Power NVNT ax20 5200MHz Ant1



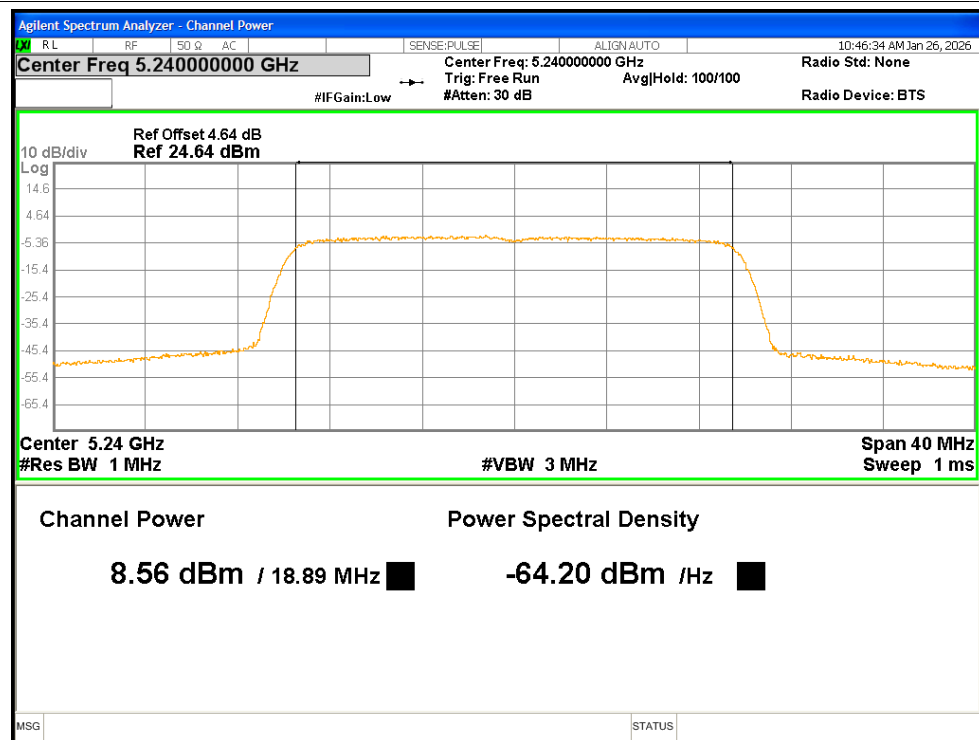
Power NVNT ax20 5200MHz Ant2



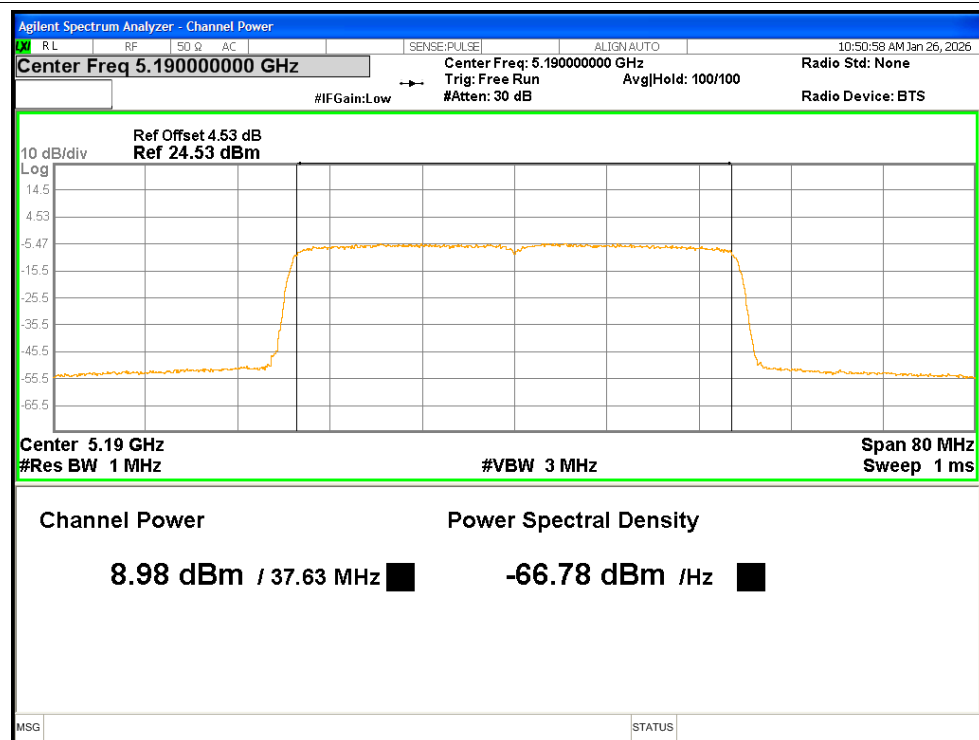
Power NVNT ax20 5240MHz Ant1



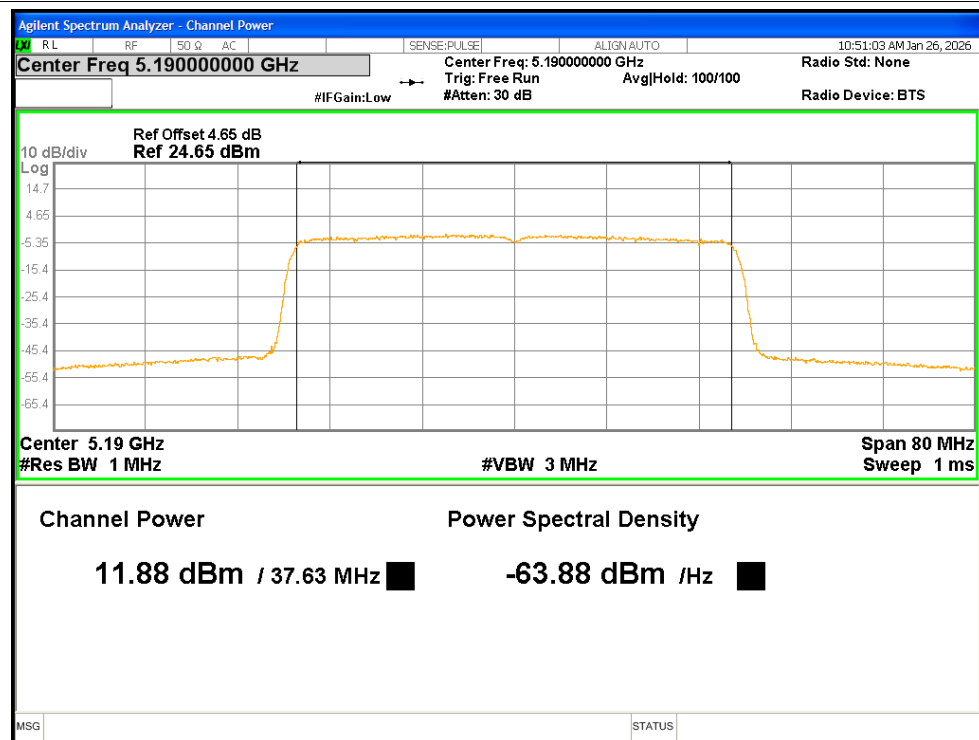
Power NVNT ax20 5240MHz Ant2



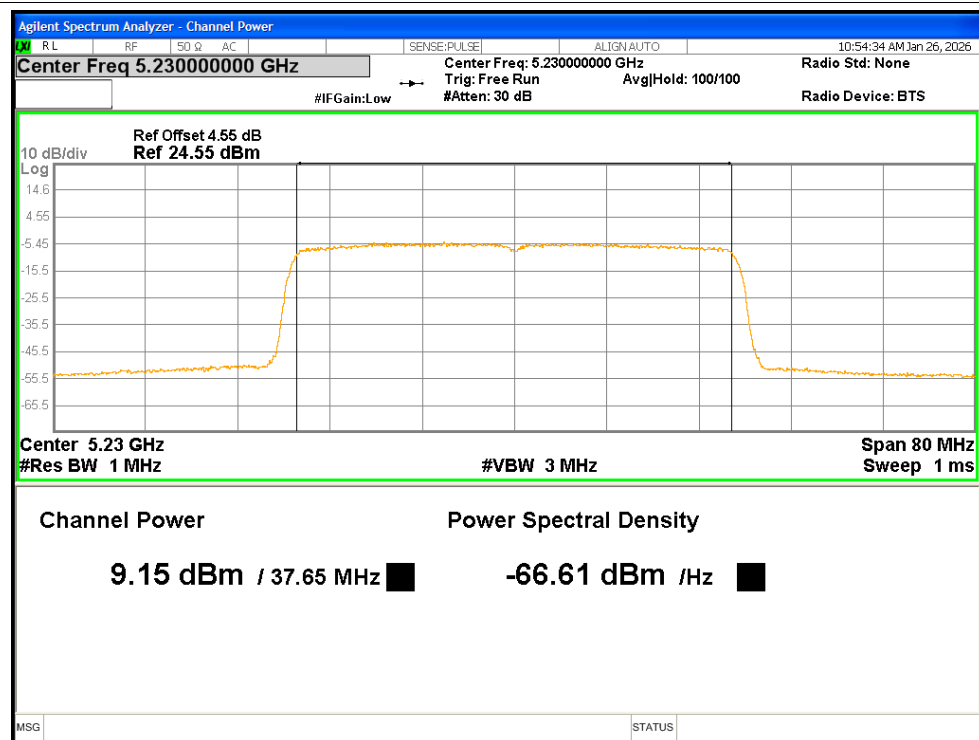
Power NVNT ax40 5190MHz Ant1



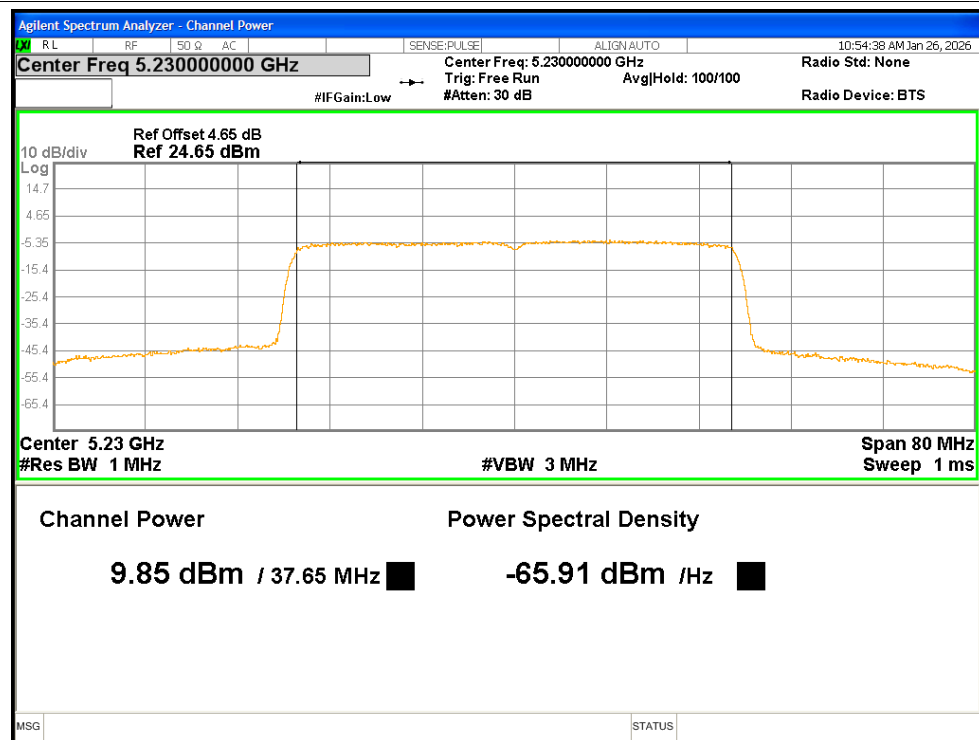
Power NVNT ax40 5190MHz Ant2



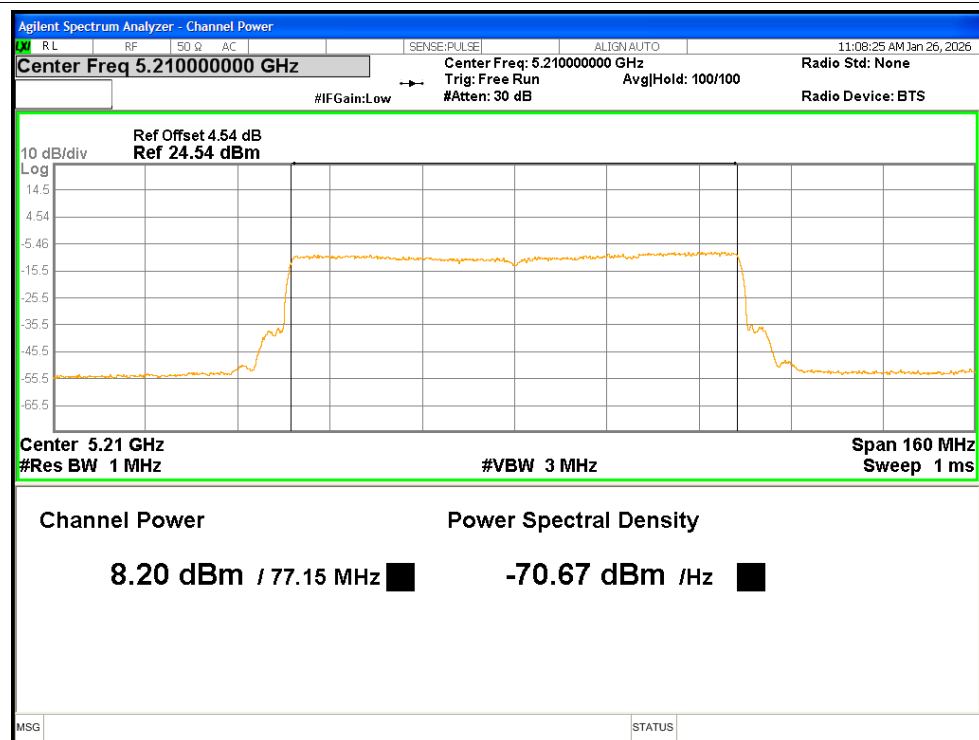
Power NVNT ax40 5230MHz Ant1



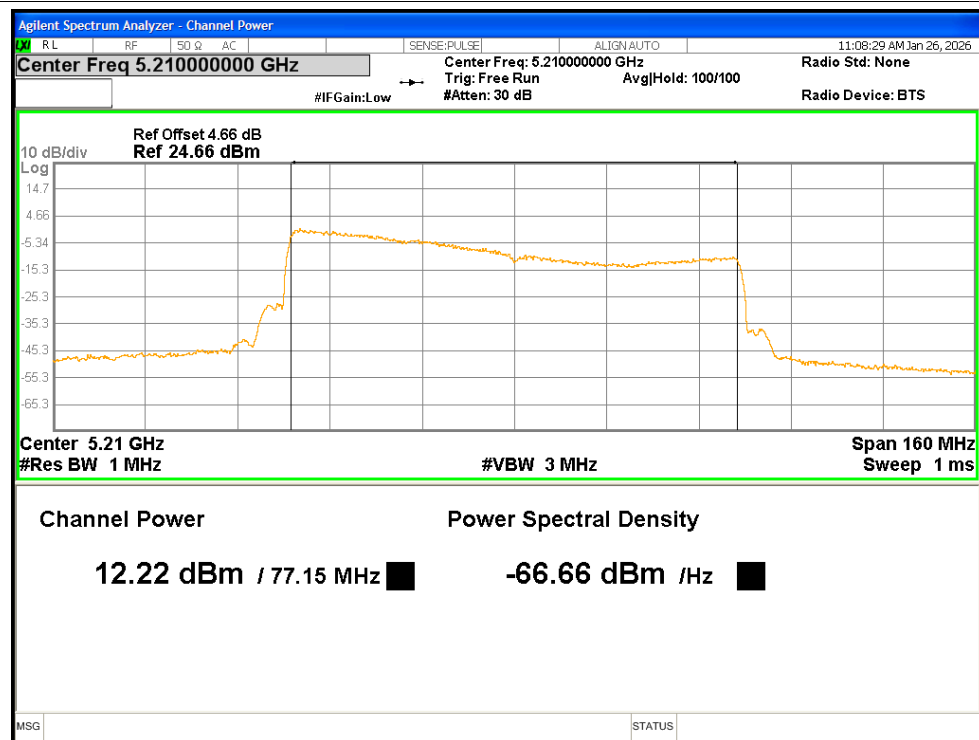
Power NVNT ax40 5230MHz Ant2



Power NVNT ax80 5210MHz Ant1



Power NVNT ax80 5210MHz Ant2

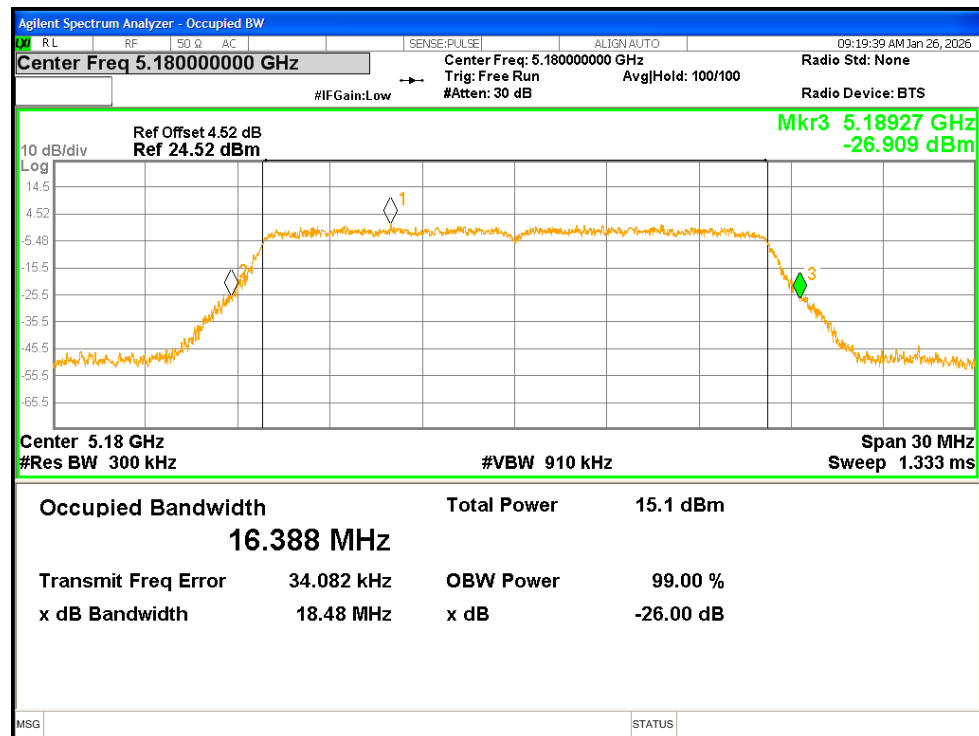


-26dB Bandwidth

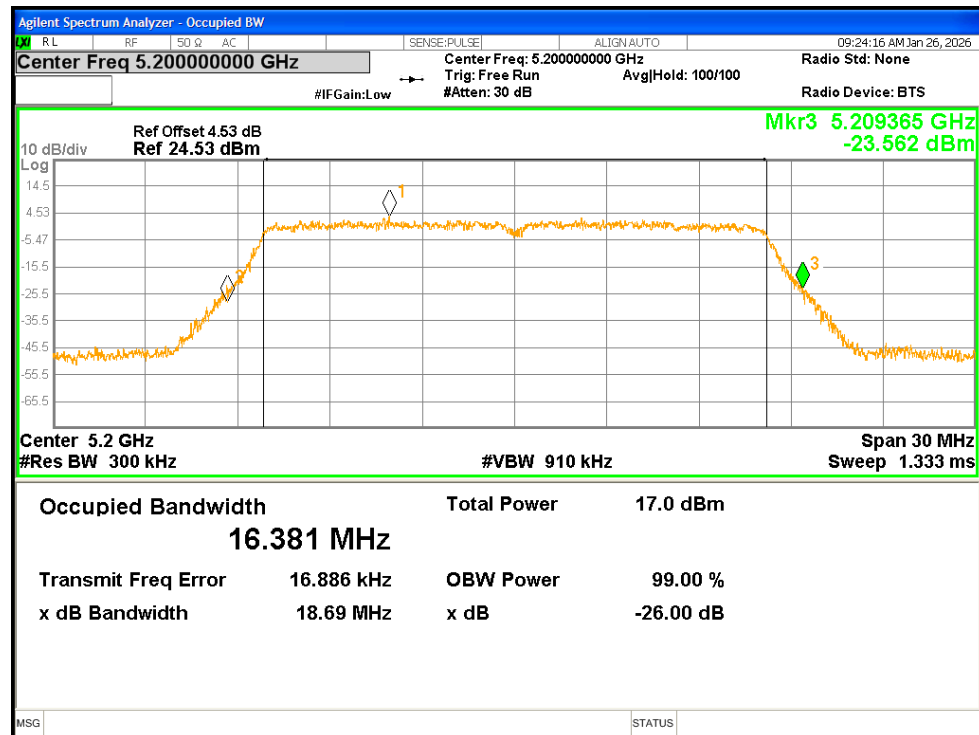
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant1	18.48	Pass
NVNT	a	5200	Ant1	18.69	Pass
NVNT	a	5240	Ant1	18.55	Pass
NVNT	a	5180	Ant2	18.55	Pass
NVNT	a	5200	Ant2	18.52	Pass
NVNT	a	5240	Ant2	18.74	Pass
NVNT	n20	5180	Ant1	19.58	Pass
NVNT	n20	5180	Ant2	19.58	Pass
NVNT	n20	5200	Ant1	19.55	Pass
NVNT	n20	5200	Ant2	19.74	Pass
NVNT	n20	5240	Ant1	19.58	Pass
NVNT	n20	5240	Ant2	19.59	Pass
NVNT	n40	5190	Ant1	39.02	Pass
NVNT	n40	5190	Ant2	39.17	Pass
NVNT	n40	5230	Ant1	39.13	Pass
NVNT	n40	5230	Ant2	38.96	Pass
NVNT	ac20	5180	Ant1	19.44	Pass
NVNT	ac20	5180	Ant2	19.45	Pass
NVNT	ac20	5200	Ant1	19.57	Pass
NVNT	ac20	5200	Ant2	19.54	Pass
NVNT	ac20	5240	Ant1	19.67	Pass
NVNT	ac20	5240	Ant2	19.52	Pass
NVNT	ac40	5190	Ant1	38.76	Pass
NVNT	ac40	5190	Ant2	39.1	Pass
NVNT	ac40	5230	Ant1	38.84	Pass
NVNT	ac40	5230	Ant2	39.17	Pass
NVNT	ac80	5210	Ant1	87.64	Pass
NVNT	ac80	5210	Ant2	86.69	Pass
NVNT	ax20	5180	Ant1	20.47	Pass
NVNT	ax20	5180	Ant2	20.4	Pass
NVNT	ax20	5200	Ant1	20.58	Pass
NVNT	ax20	5200	Ant2	20.45	Pass
NVNT	ax20	5240	Ant1	20.23	Pass
NVNT	ax20	5240	Ant2	20.66	Pass
NVNT	ax40	5190	Ant1	39.9	Pass
NVNT	ax40	5190	Ant2	39.69	Pass
NVNT	ax40	5230	Ant1	39.77	Pass
NVNT	ax40	5230	Ant2	39.96	Pass
NVNT	ax80	5210	Ant1	82.28	Pass
NVNT	ax80	5210	Ant2	81.78	Pass

Test Graphs

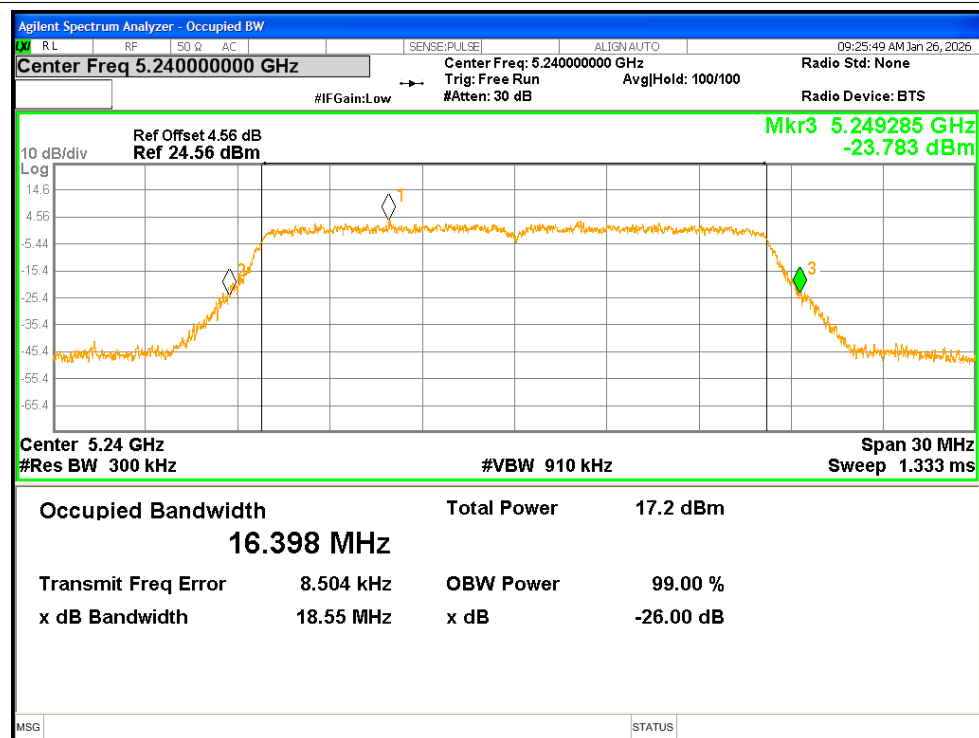
-26dB Bandwidth NVNT a 5180MHz Ant1



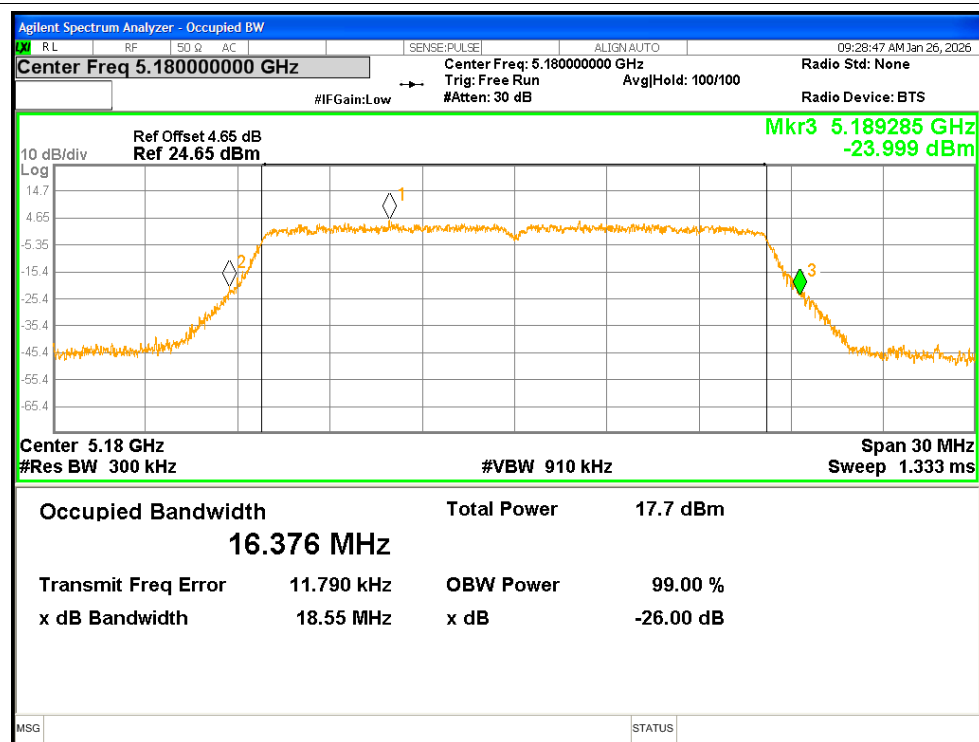
-26dB Bandwidth NVNT a 5200MHz Ant1



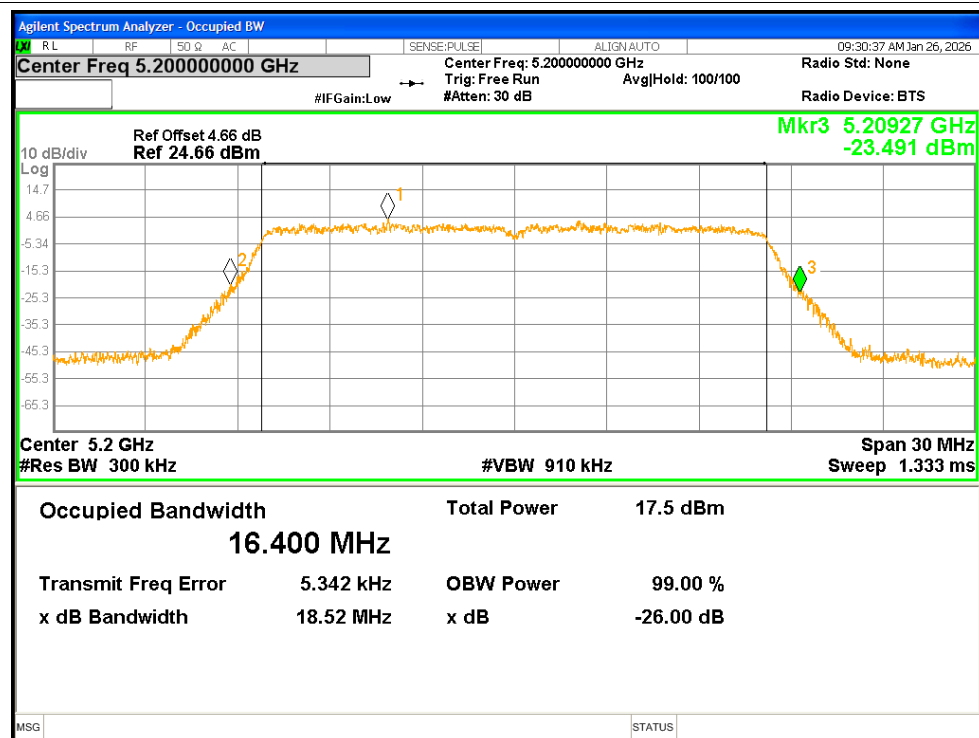
-26dB Bandwidth NVNT a 5240MHz Ant1



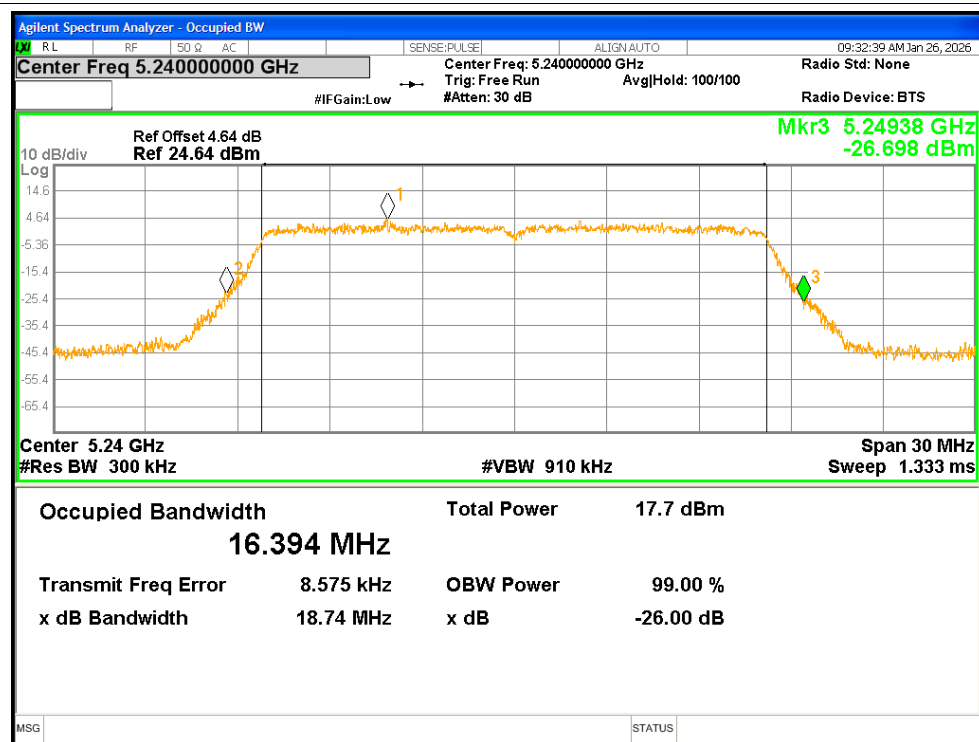
-26dB Bandwidth NVNT a 5180MHz Ant2



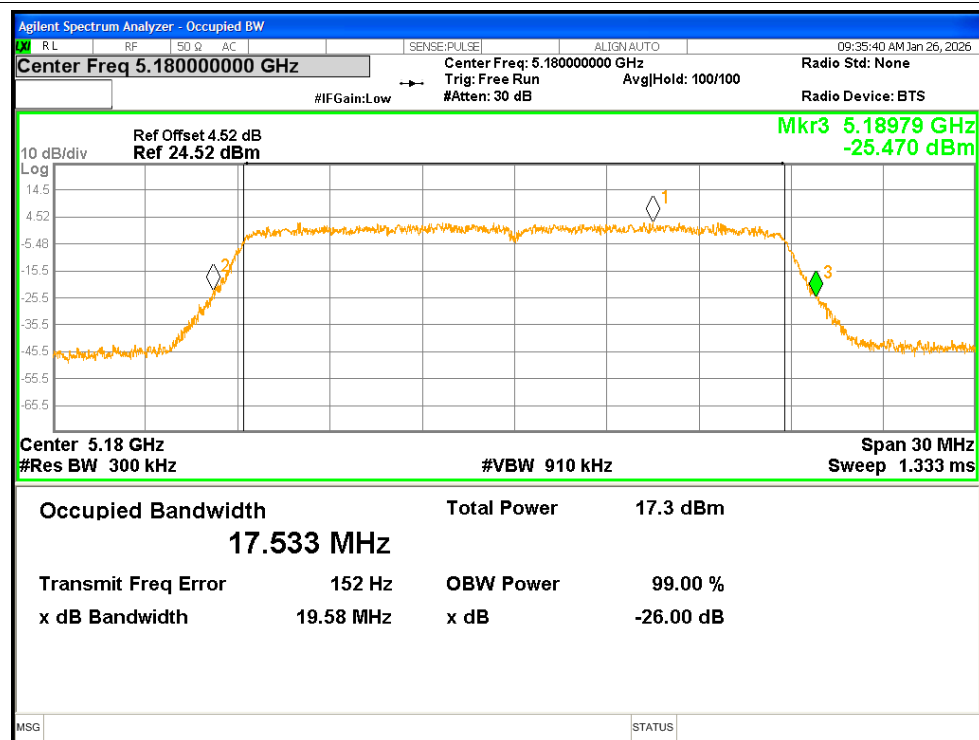
-26dB Bandwidth NVNT a 5200MHz Ant2



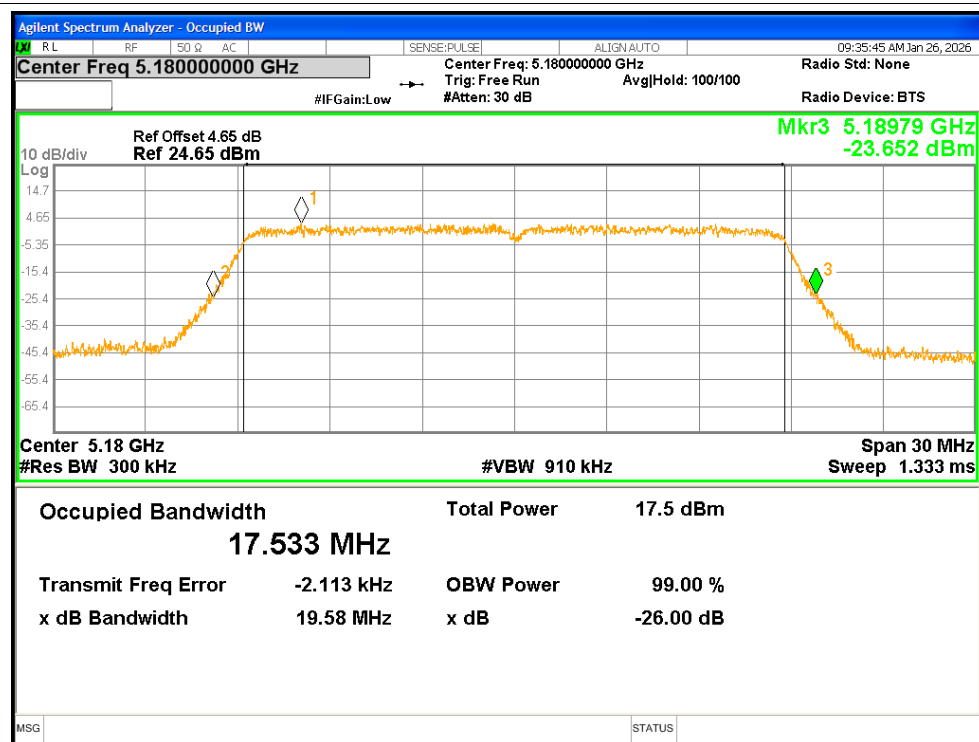
-26dB Bandwidth NVNT a 5240MHz Ant2



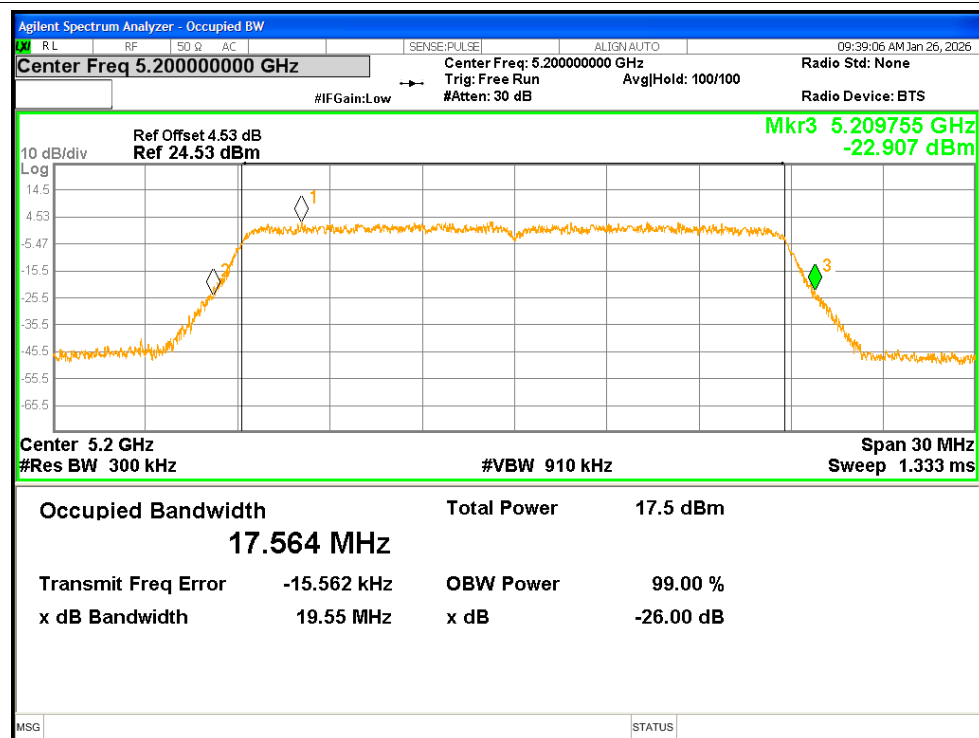
-26dB Bandwidth NVNT n20 5180MHz Ant1



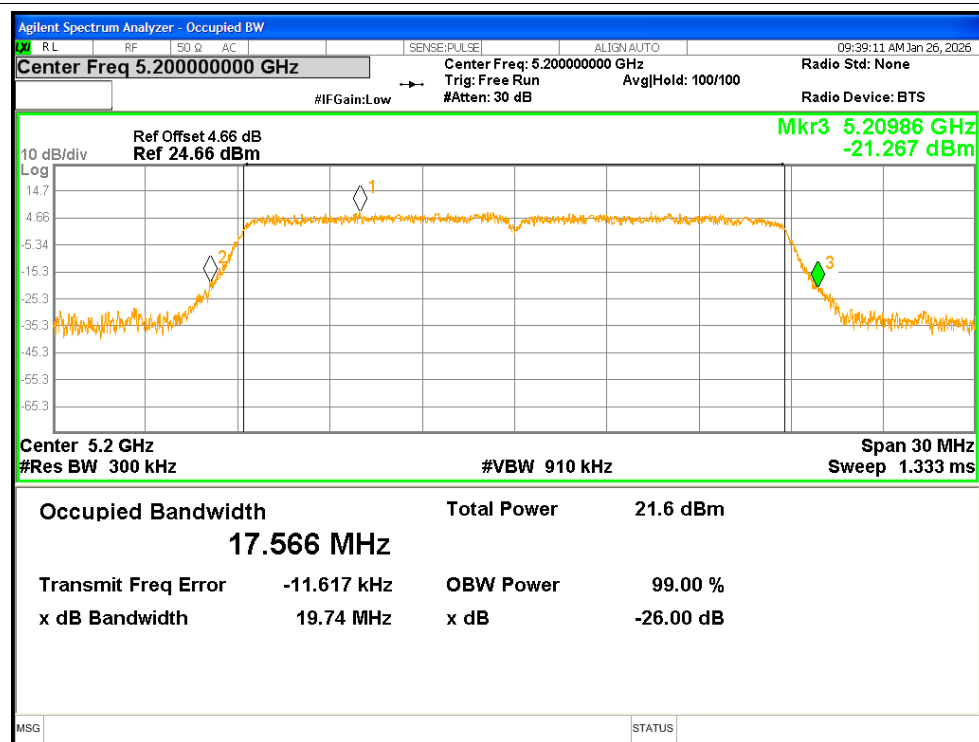
-26dB Bandwidth NVNT n20 5180MHz Ant2



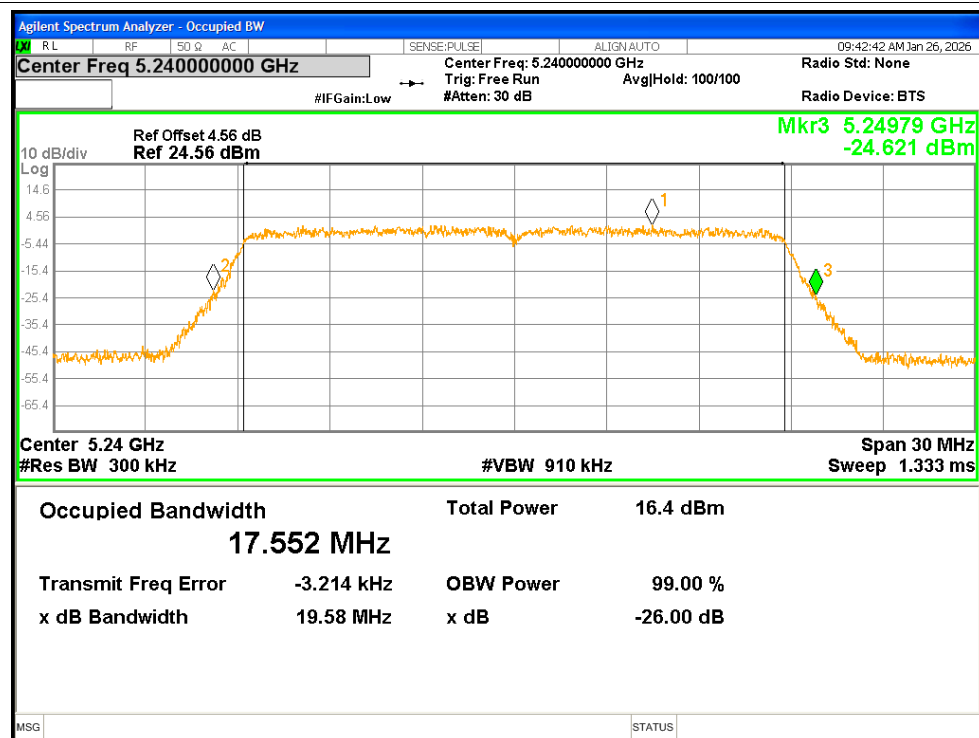
-26dB Bandwidth NVNT n20 5200MHz Ant1



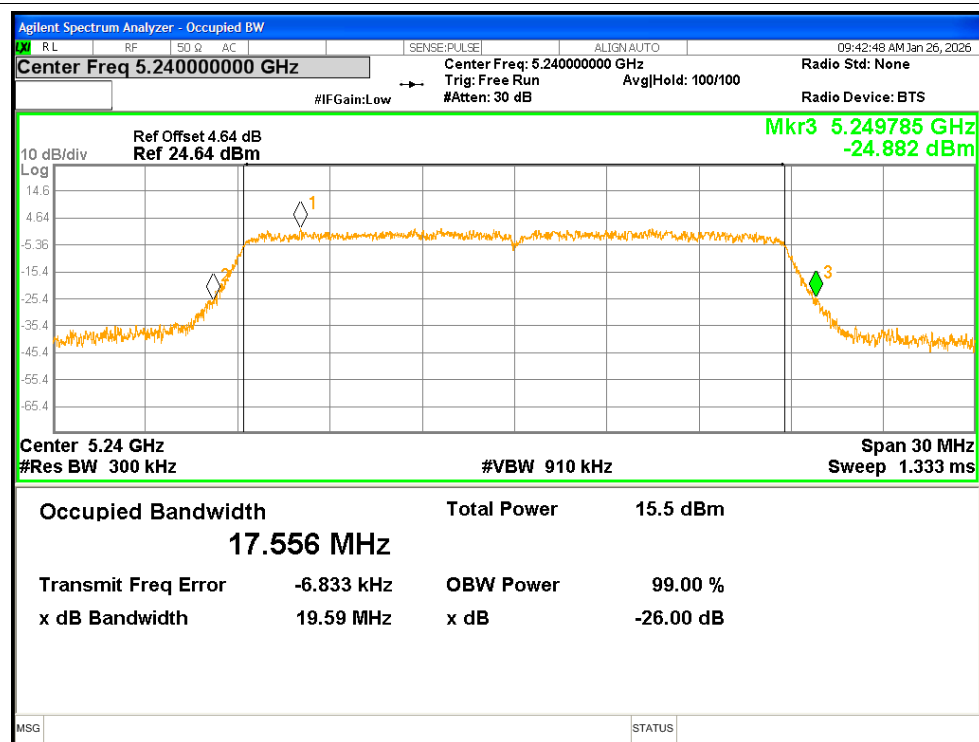
-26dB Bandwidth NVNT n20 5200MHz Ant2



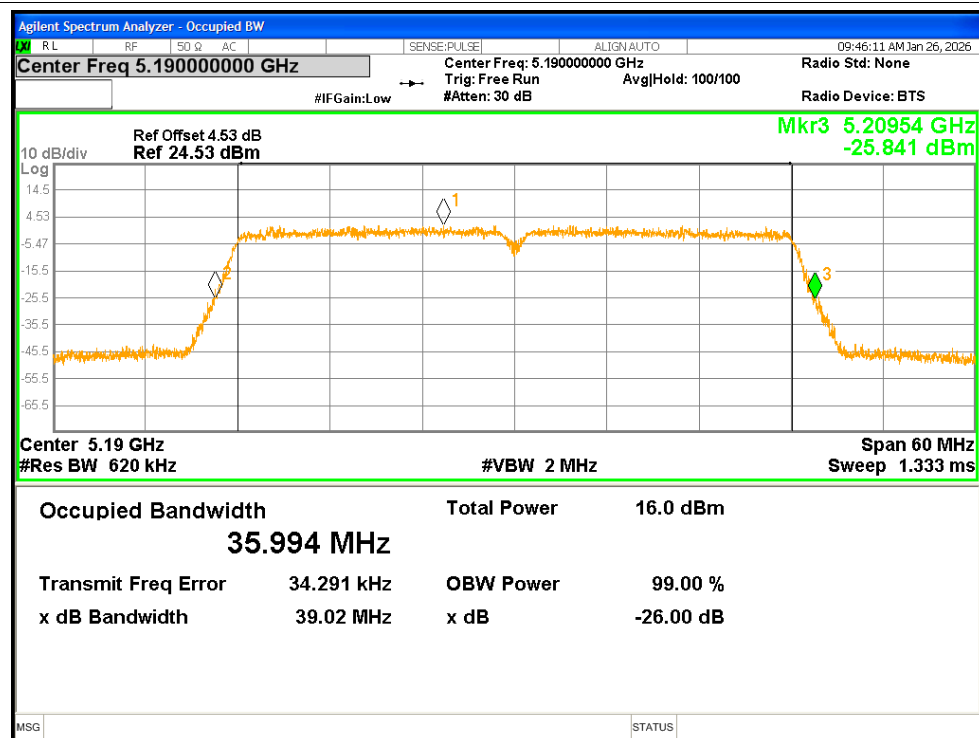
-26dB Bandwidth NVNT n20 5240MHz Ant1



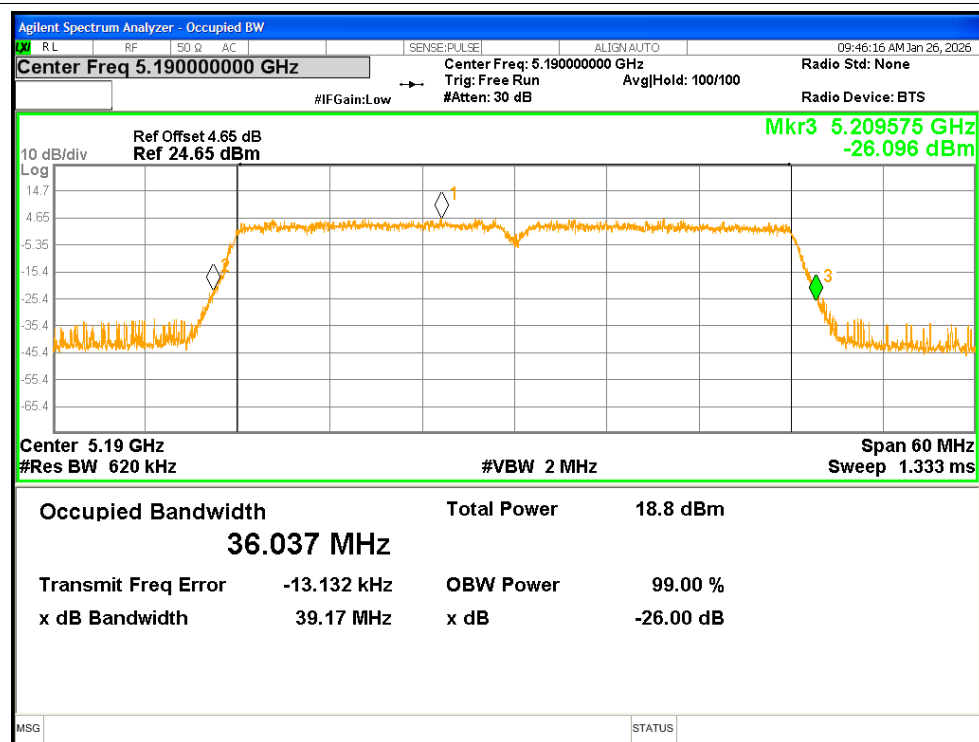
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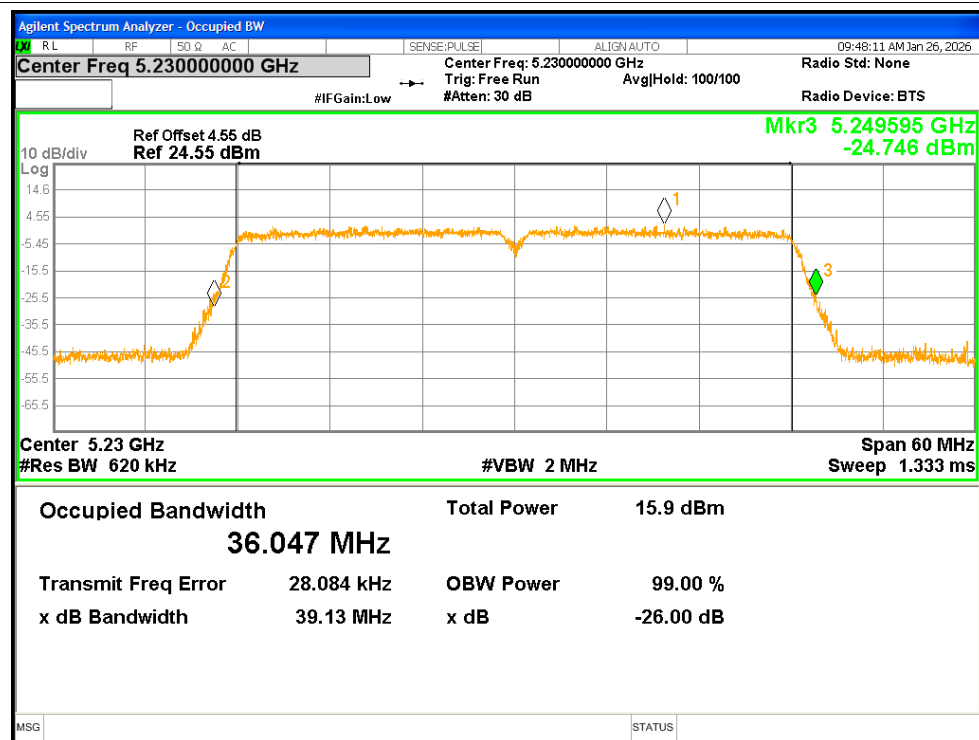
-26dB Bandwidth NVNT n40 5190MHz Ant1



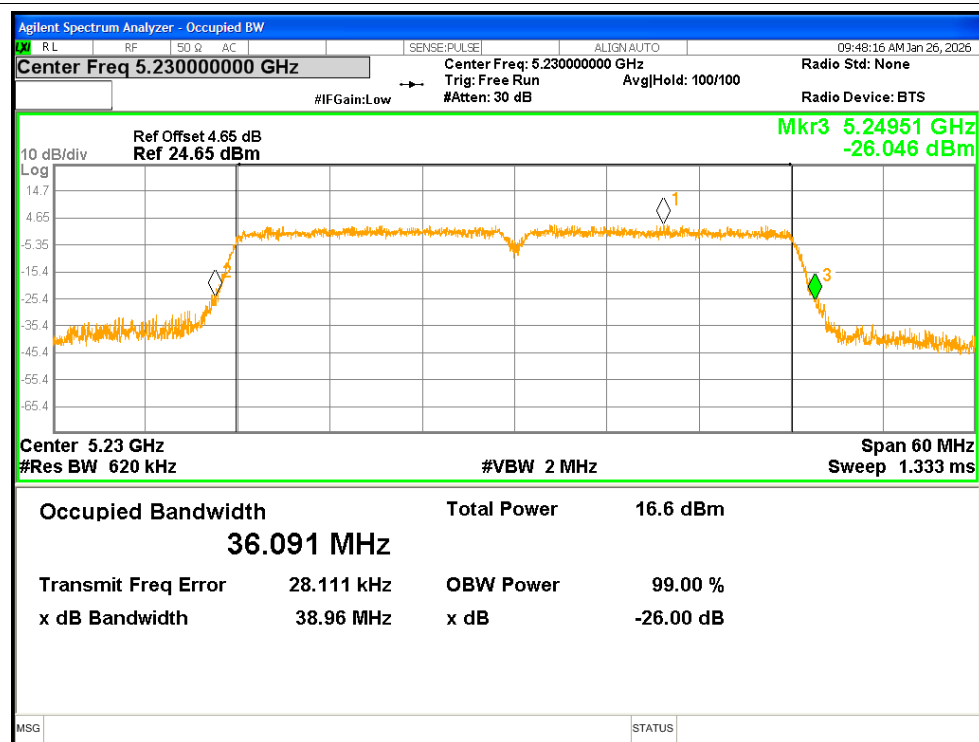
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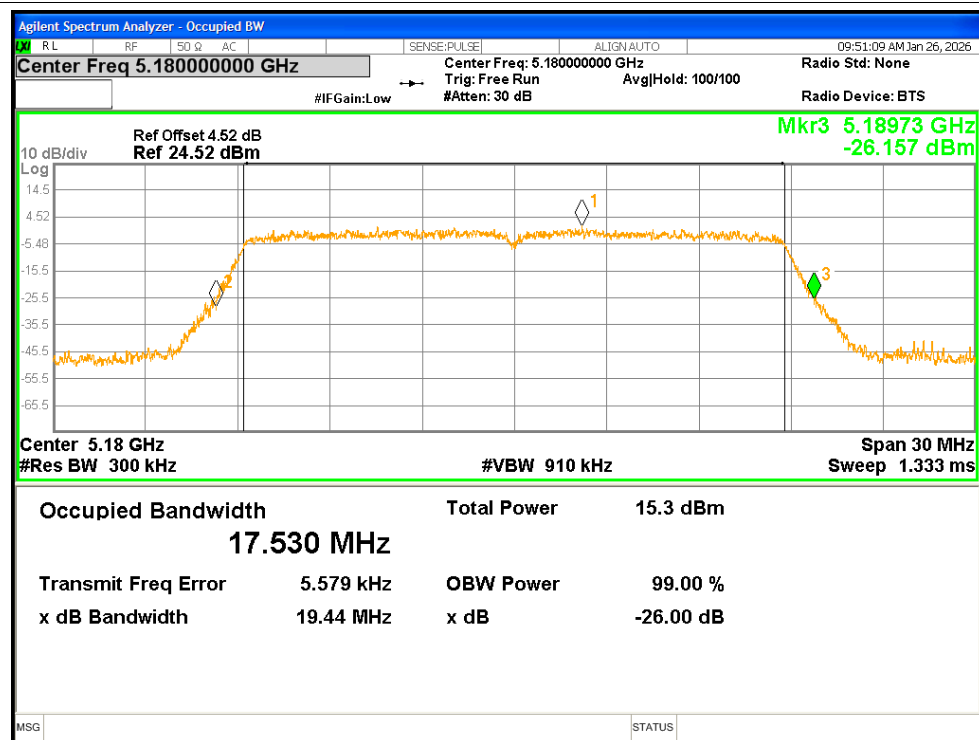
-26dB Bandwidth NVNT n40 5230MHz Ant1



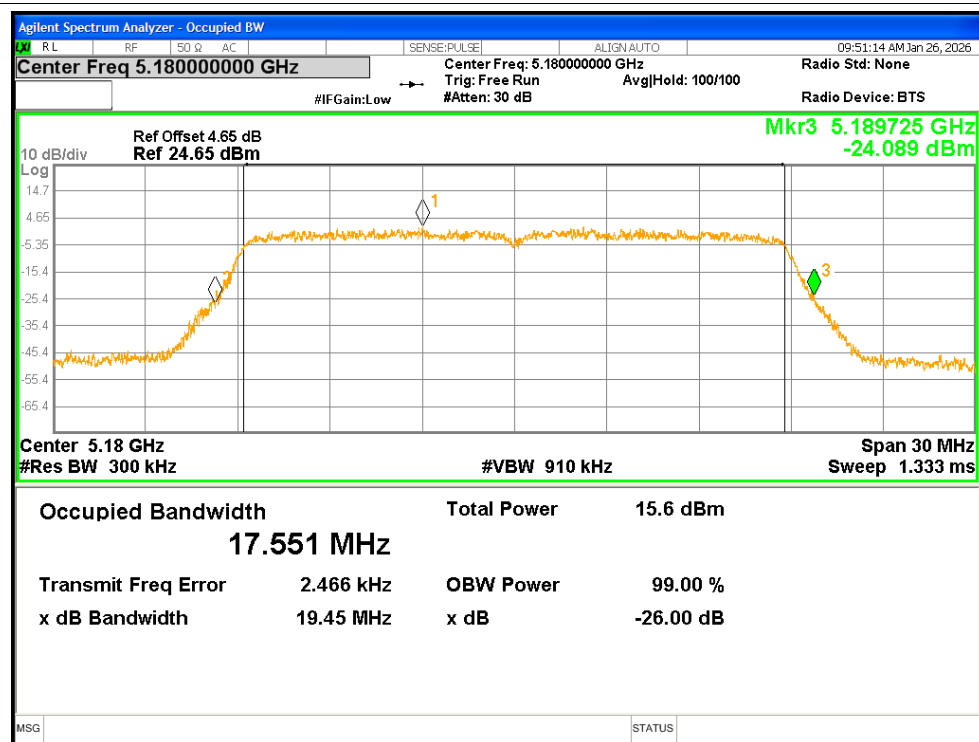
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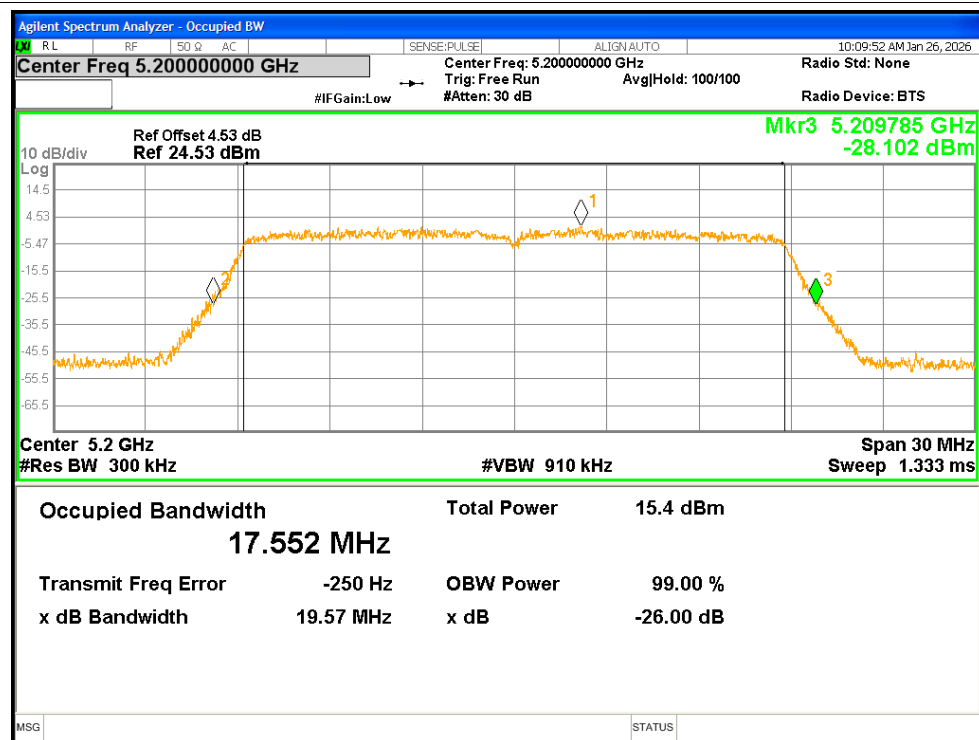
-26dB Bandwidth NVNT ac20 5180MHz Ant1



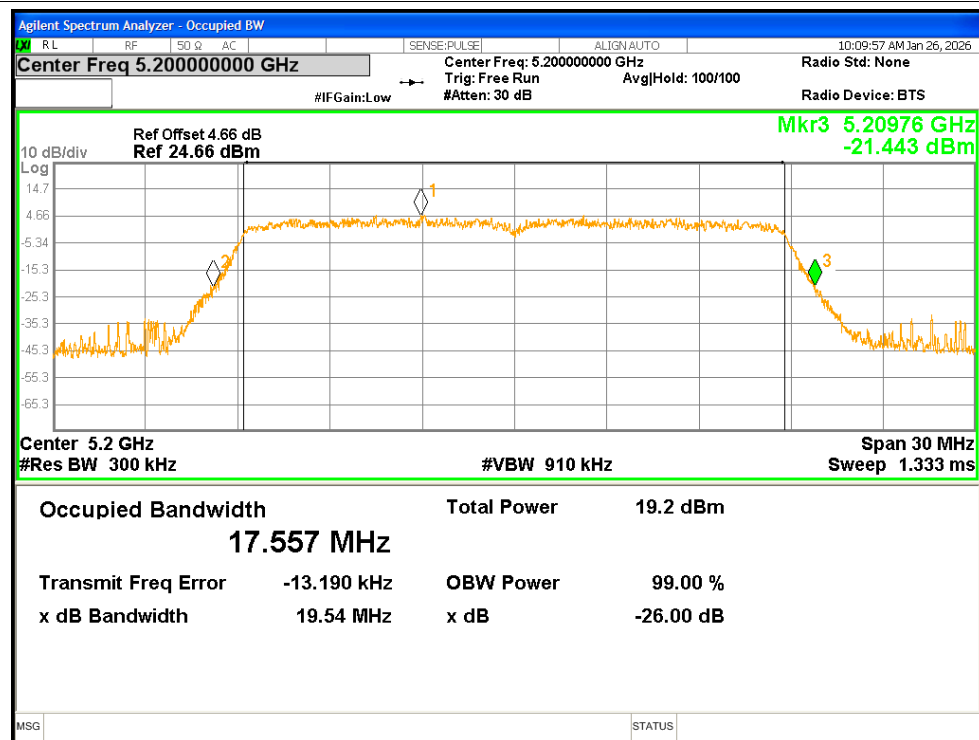
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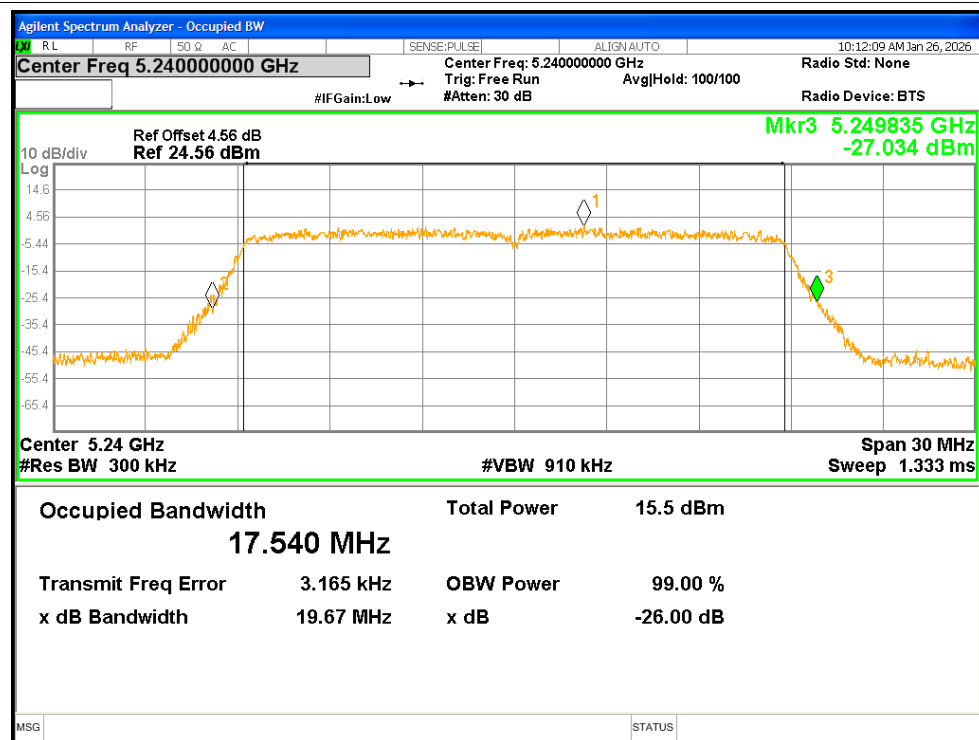
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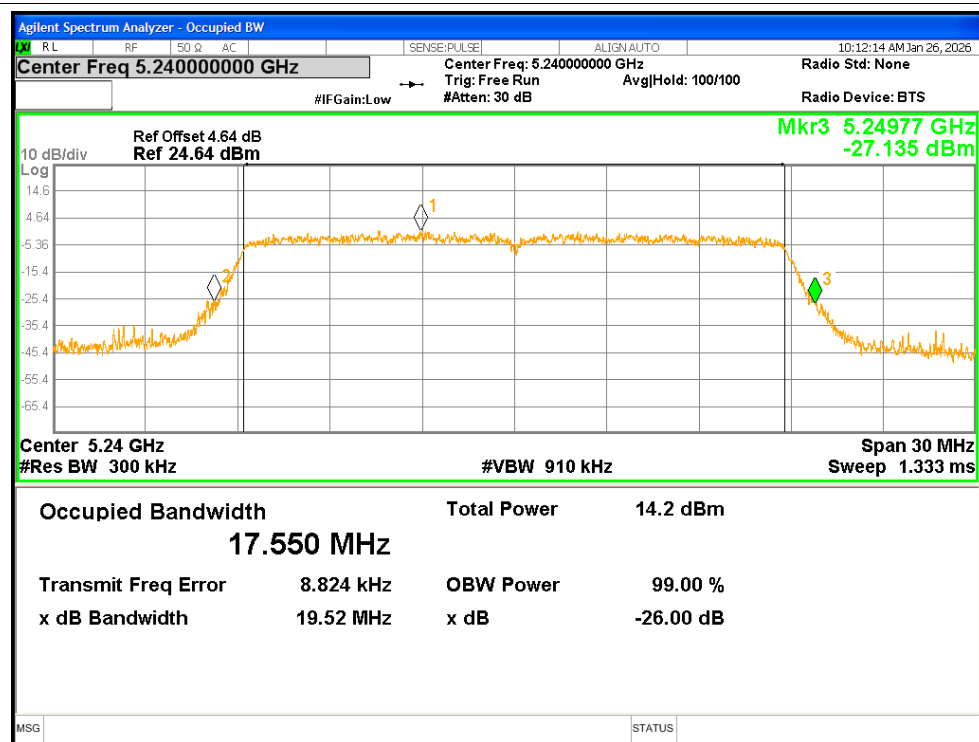
-26dB Bandwidth NVNT ac20 5200MHz Ant2



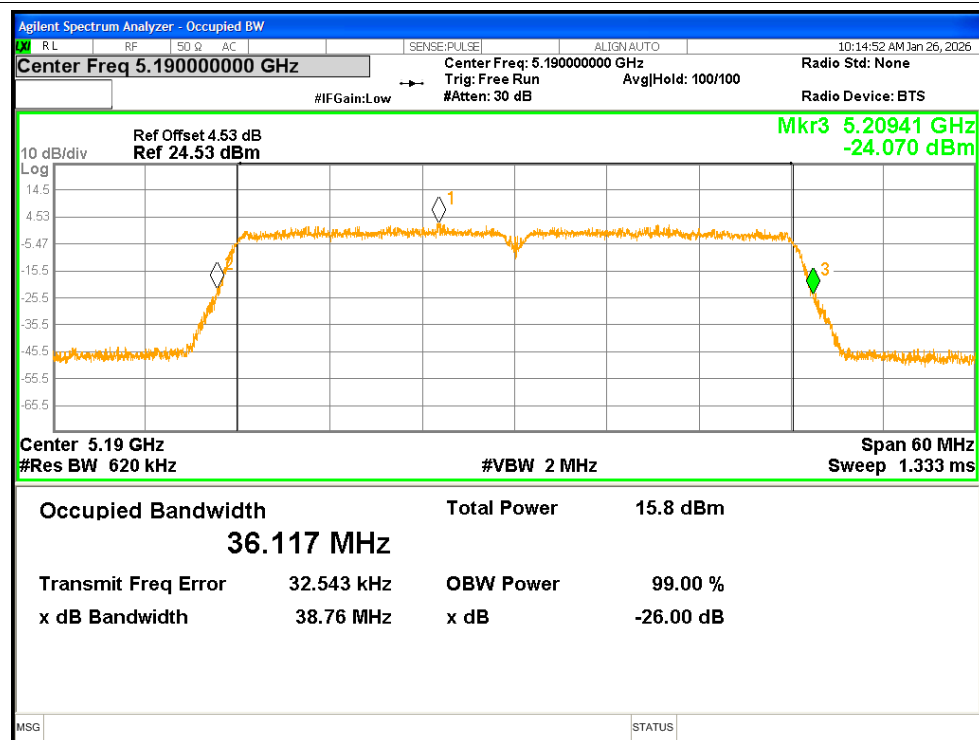
-26dB Bandwidth NVNT ac20 5240MHz Ant1



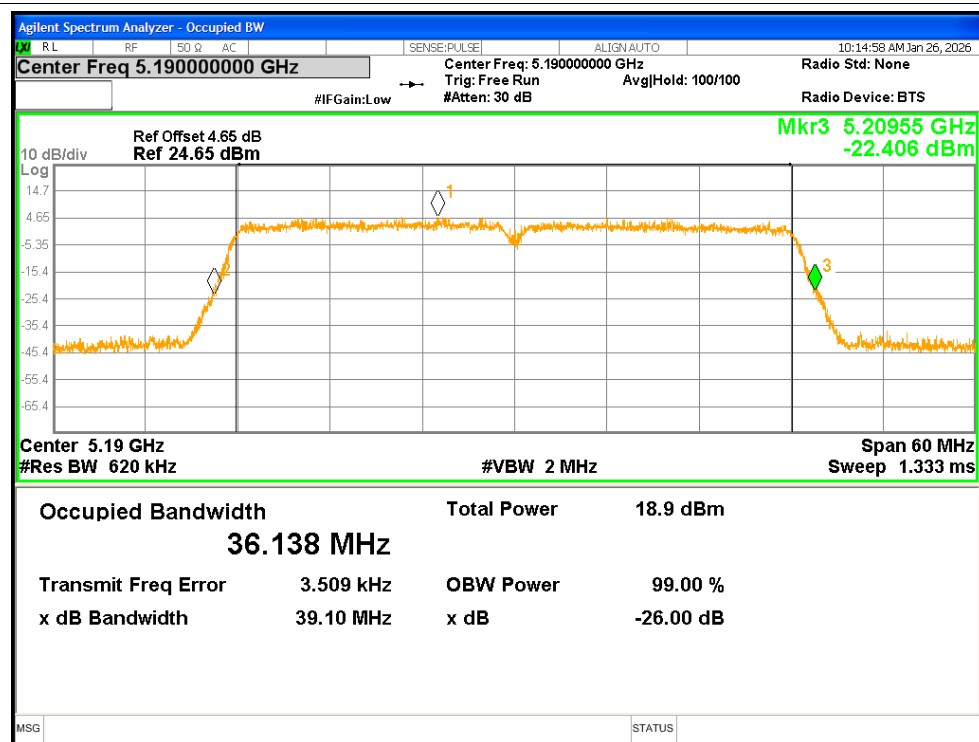
-26dB Bandwidth NVNT ac20 5240MHz Ant2



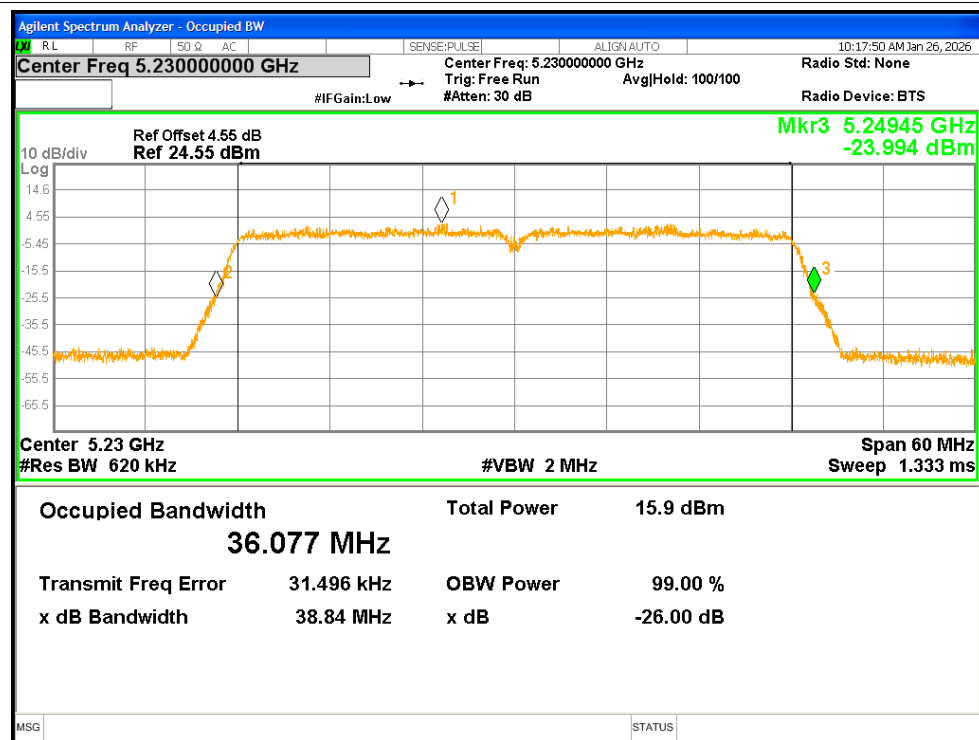
-26dB Bandwidth NVNT ac40 5190MHz Ant1



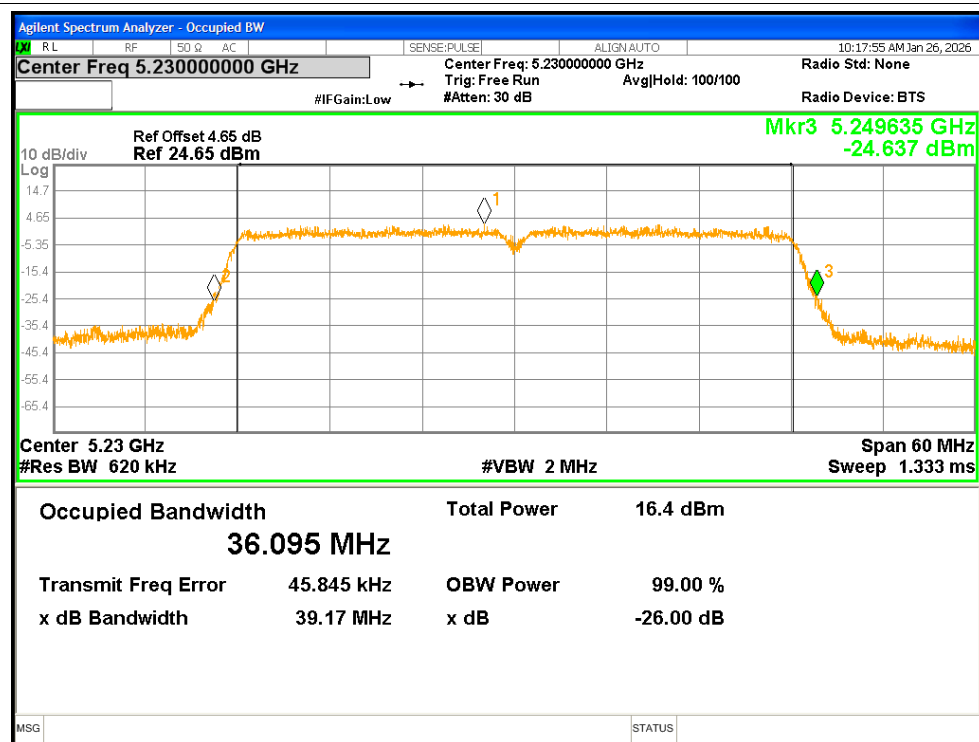
-26dB Bandwidth NVNT ac40 5190MHz Ant2



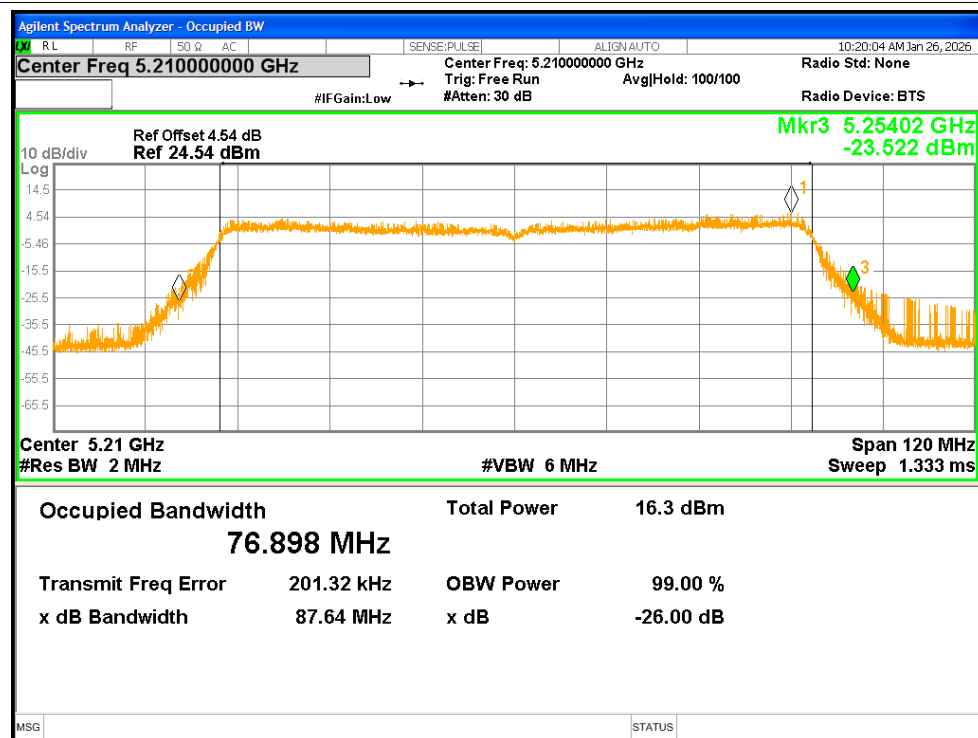
-26dB Bandwidth NVNT ac40 5230MHz Ant1



-26dB Bandwidth NVNT ac40 5230MHz Ant2



-26dB Bandwidth NVNT ac80 5210MHz Ant1



-26dB Bandwidth NVNT ac80 5210MHz Ant2

