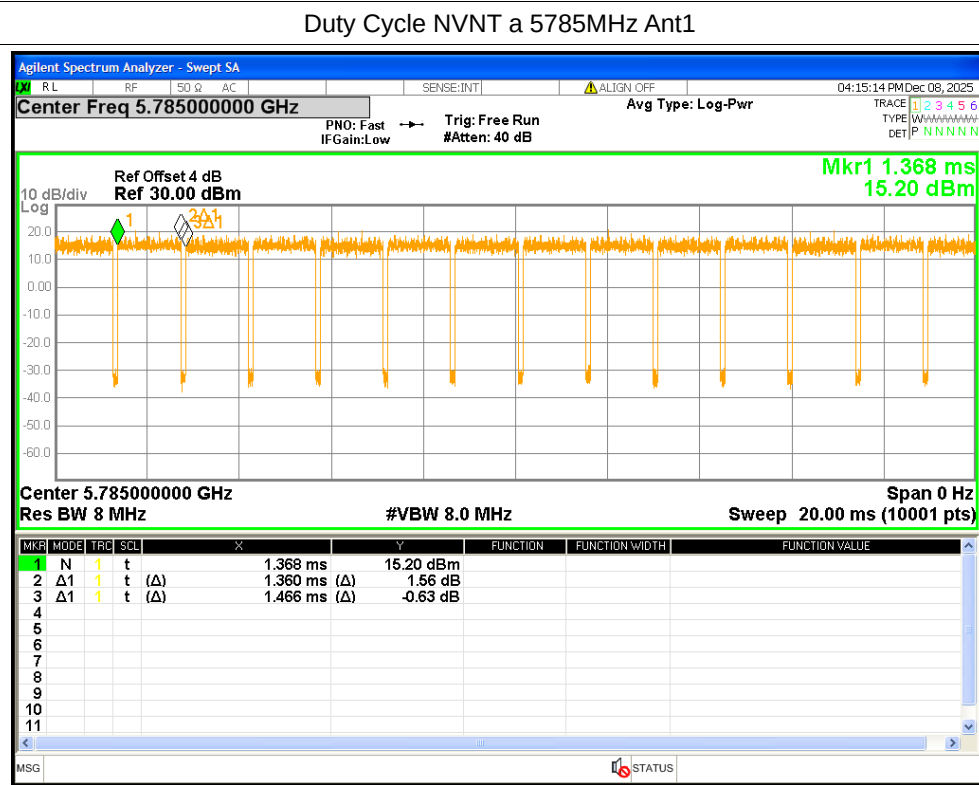


Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5745	Ant1	1.36	1.466	92.77	0.33	0.74	0.24
NVNT	a	5785	Ant1	1.36	1.466	92.77	0.33	0.74	0.22
NVNT	a	5825	Ant1	1.362	1.466	92.91	0.32	0.73	0.28
NVNT	a	5745	Ant2	1.36	1.464	92.9	0.32	0.74	0.23
NVNT	a	5785	Ant2	1.36	1.464	92.9	0.32	0.74	0.22
NVNT	a	5825	Ant2	1.36	1.466	92.77	0.33	0.74	0.21
NVNT	n20	5745	MIMO	1.148	1.254	91.55	0.38	0.87	0.26
NVNT	n20	5785	MIMO	1.148	1.254	91.55	0.38	0.87	0.23
NVNT	n20	5825	MIMO	1.15	1.254	91.71	0.38	0.87	0.18
NVNT	n40	5755	MIMO	0.573	0.677	84.64	0.72	1.75	0.26
NVNT	n40	5795	MIMO	0.573	0.677	84.64	0.72	1.75	0.22
NVNT	ac20	5745	MIMO	1.154	1.258	91.73	0.37	0.87	0.24
NVNT	ac20	5785	MIMO	1.154	1.258	91.73	0.37	0.87	0.24
NVNT	ac20	5825	MIMO	1.154	1.258	91.73	0.37	0.87	0.18
NVNT	ac40	5755	MIMO	0.577	0.681	84.73	0.72	1.73	0.24
NVNT	ac40	5795	MIMO	0.577	0.681	84.73	0.72	1.73	0.20
NVNT	ac80	5775	MIMO	0.288	0.393	73.28	1.35	3.47	0.22

Duty Cycle NVNT a 5745MHz Ant1



Duty Cycle NVNT a 5825MHz Ant1

Duty Cycle NVNT a 5785MHz Ant2

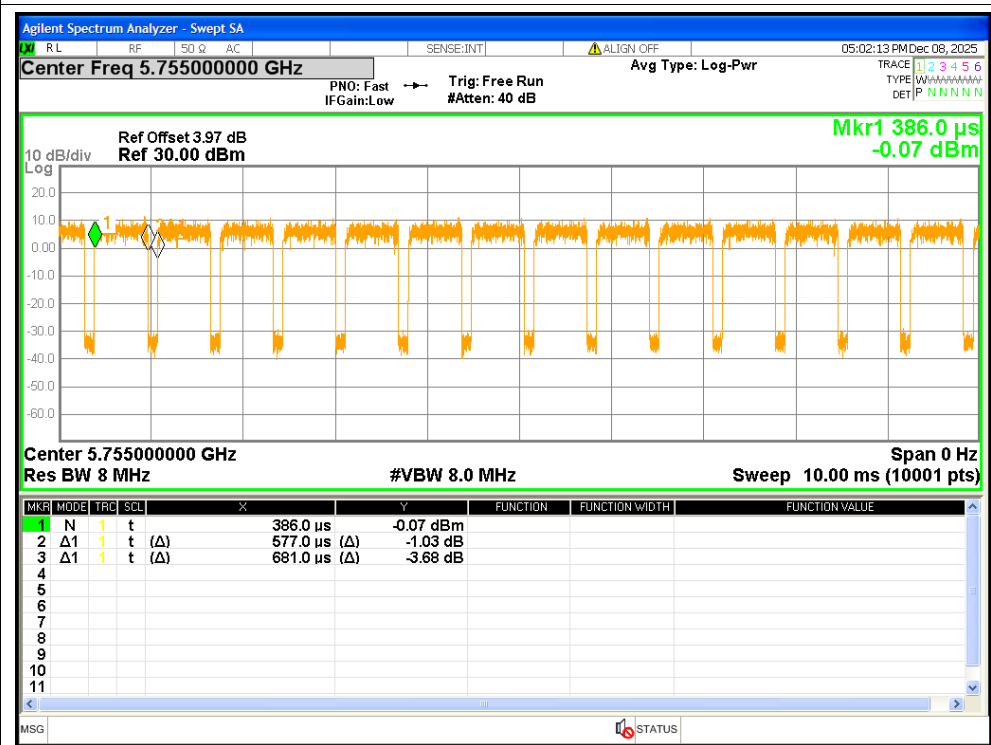
Duty Cycle NVNT n20 5745MHz MIMO

Duty Cycle NVNT n20 5825MHz MIMO

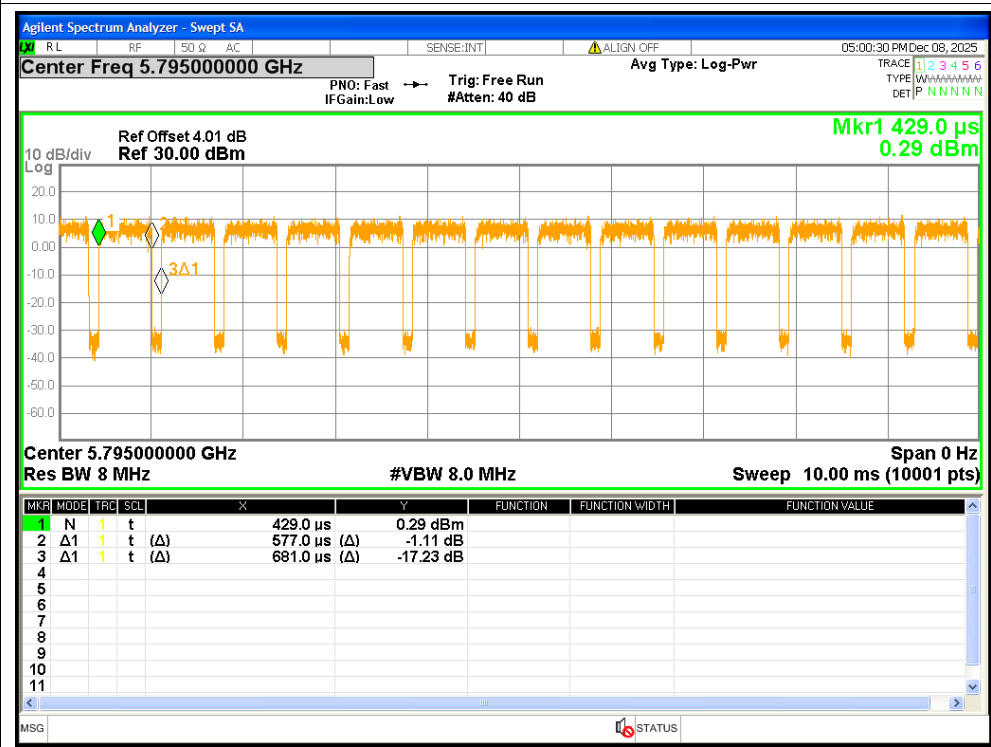
Duty Cycle NVNT n40 5795MHz MIMO

Duty Cycle NVNT ac20 5785MHz MIMO

Duty Cycle NVNT ac40 5755MHz MIMO



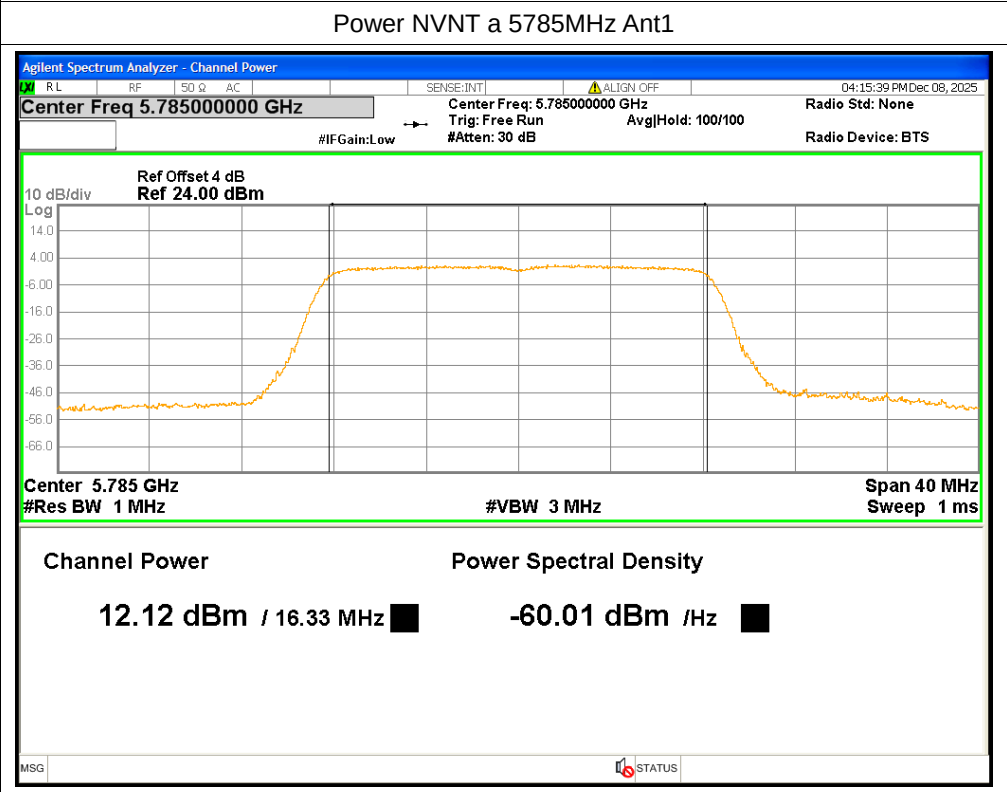
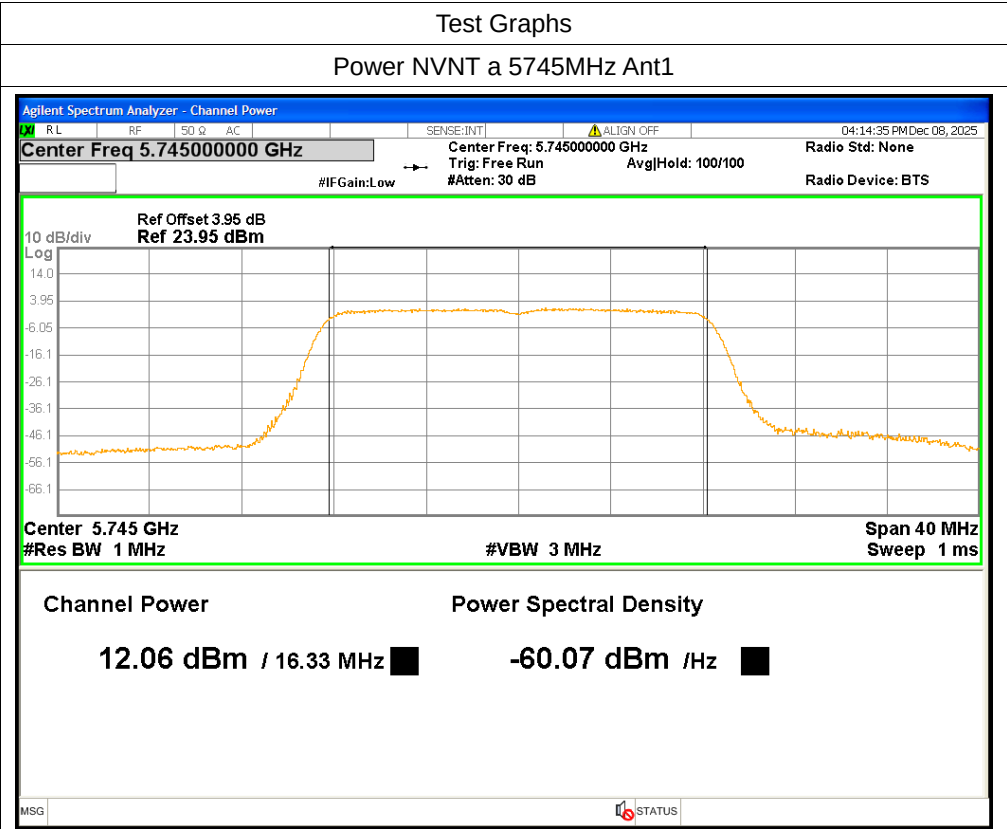
Duty Cycle NVNT ac40 5795MHz MIMO



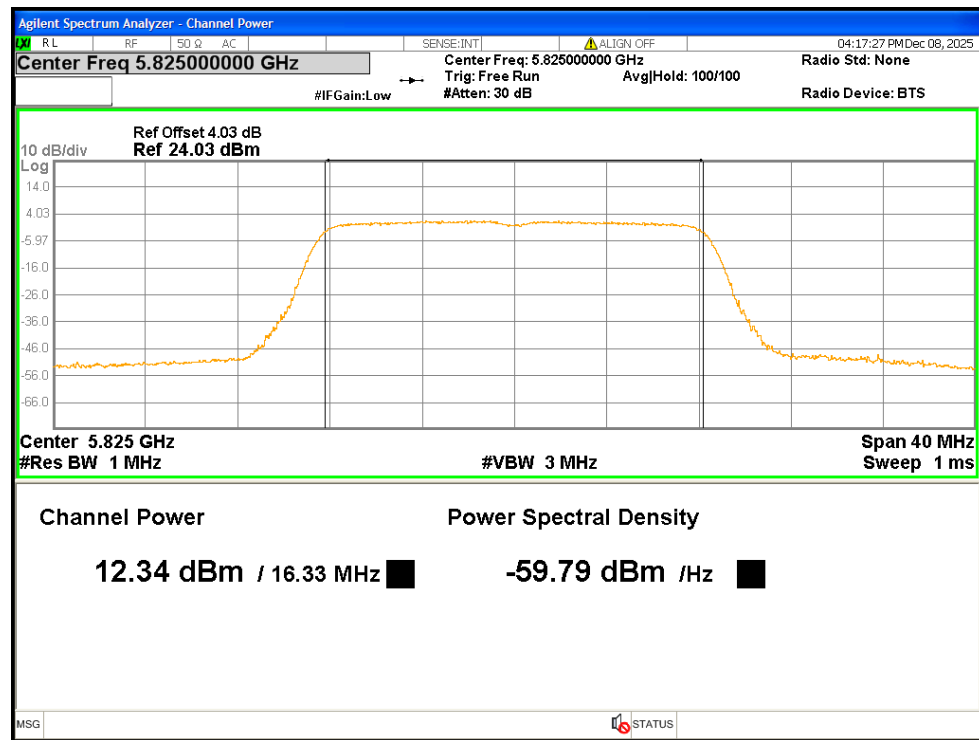
Duty Cycle NVNT ac80 5775MHz MIMO

Maximum Conducted Output Power

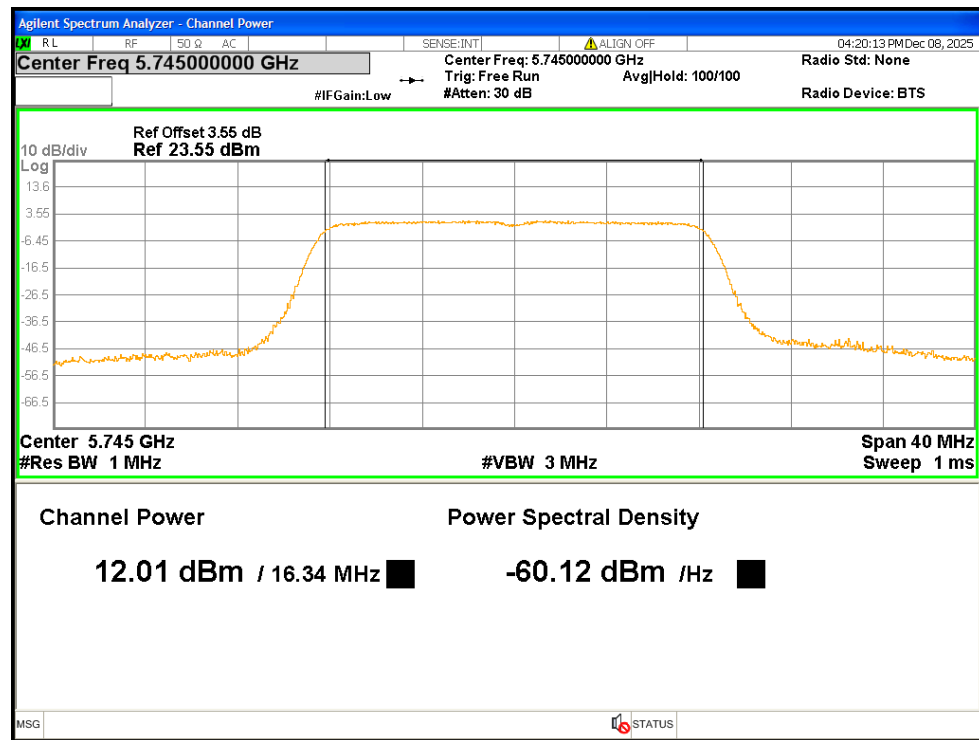
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	12.06	0.33	12.39	<=30	Pass
NVNT	a	5785	Ant1	12.12	0.33	12.45	<=30	Pass
NVNT	a	5825	Ant1	12.34	0.32	12.66	<=30	Pass
NVNT	a	5745	Ant2	12.01	0.32	12.33	<=30	Pass
NVNT	a	5785	Ant2	12.22	0.32	12.54	<=30	Pass
NVNT	a	5825	Ant2	12.13	0.33	12.46	<=30	Pass
NVNT	n20	5745	Ant1	10.74	0.38	11.12	<=30	Pass
NVNT	n20	5745	Ant2	12.68	0.38	13.06	<=30	Pass
NVNT	n20	5745	MIMO	-	-	15.21	<=30	Pass
NVNT	n20	5785	Ant1	10.94	0.38	11.32	<=30	Pass
NVNT	n20	5785	Ant2	12.92	0.38	13.3	<=30	Pass
NVNT	n20	5785	MIMO	-	-	15.43	<=30	Pass
NVNT	n20	5825	Ant1	11.11	0.38	11.49	<=30	Pass
NVNT	n20	5825	Ant2	13.09	0.38	13.47	<=30	Pass
NVNT	n20	5825	MIMO	-	-	15.6	<=30	Pass
NVNT	n40	5755	Ant1	6.97	0.72	7.69	<=30	Pass
NVNT	n40	5755	Ant2	8.97	0.72	9.69	<=30	Pass
NVNT	n40	5755	MIMO	-	-	11.81	<=30	Pass
NVNT	n40	5795	Ant1	7.23	0.72	7.95	<=30	Pass
NVNT	n40	5795	Ant2	12.8	0.72	13.52	<=30	Pass
NVNT	n40	5795	MIMO	-	-	14.58	<=30	Pass
NVNT	ac20	5745	Ant1	7.48	0.37	7.85	<=30	Pass
NVNT	ac20	5745	Ant2	6.85	0.37	7.22	<=30	Pass
NVNT	ac20	5745	MIMO	-	-	10.56	<=30	Pass
NVNT	ac20	5785	Ant1	8.08	0.37	8.45	<=30	Pass
NVNT	ac20	5785	Ant2	13.59	0.37	13.96	<=30	Pass
NVNT	ac20	5785	MIMO	-	-	15.04	<=30	Pass
NVNT	ac20	5825	Ant1	8.13	0.37	8.5	<=30	Pass
NVNT	ac20	5825	Ant2	8.55	0.37	8.92	<=30	Pass
NVNT	ac20	5825	MIMO	-	-	11.73	<=30	Pass
NVNT	ac40	5755	Ant1	7.32	0.72	8.04	<=30	Pass
NVNT	ac40	5755	Ant2	9.1	0.72	9.82	<=30	Pass
NVNT	ac40	5755	MIMO	-	-	12.03	<=30	Pass
NVNT	ac40	5795	Ant1	7.45	0.72	8.17	<=30	Pass
NVNT	ac40	5795	Ant2	12.73	0.72	13.45	<=30	Pass
NVNT	ac40	5795	MIMO	-	-	14.58	<=30	Pass
NVNT	ac80	5775	Ant1	6.55	1.35	7.9	<=30	Pass
NVNT	ac80	5775	Ant2	11.74	1.35	13.09	<=30	Pass
NVNT	ac80	5775	MIMO	-	-	14.24	<=30	Pass

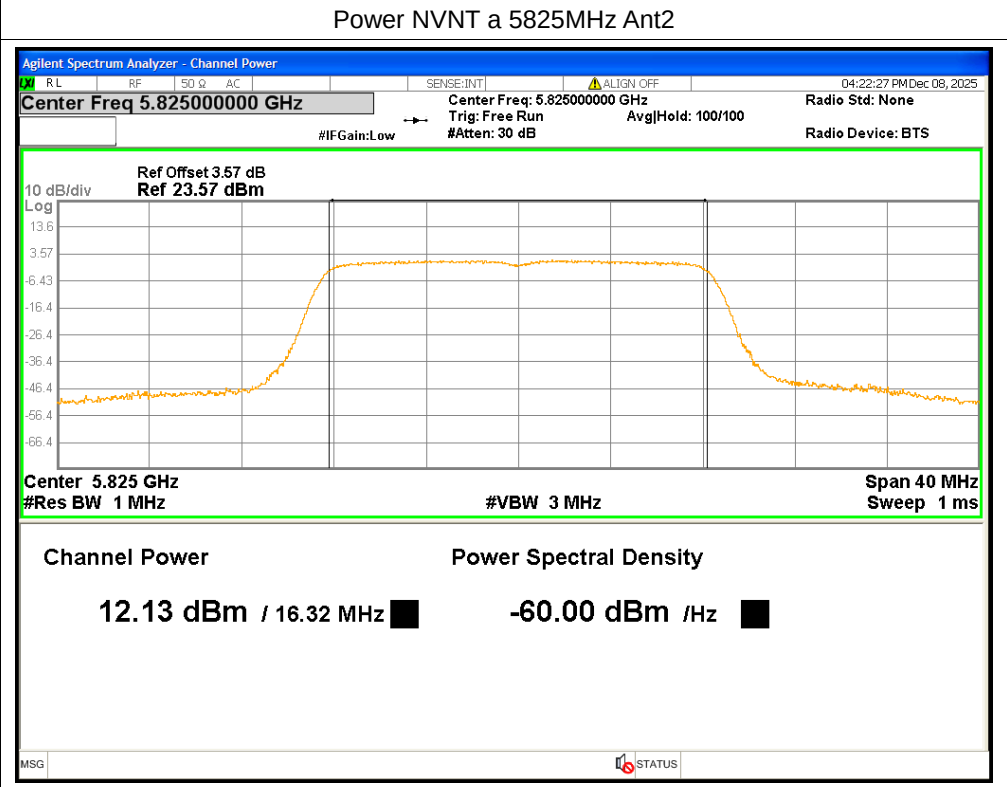
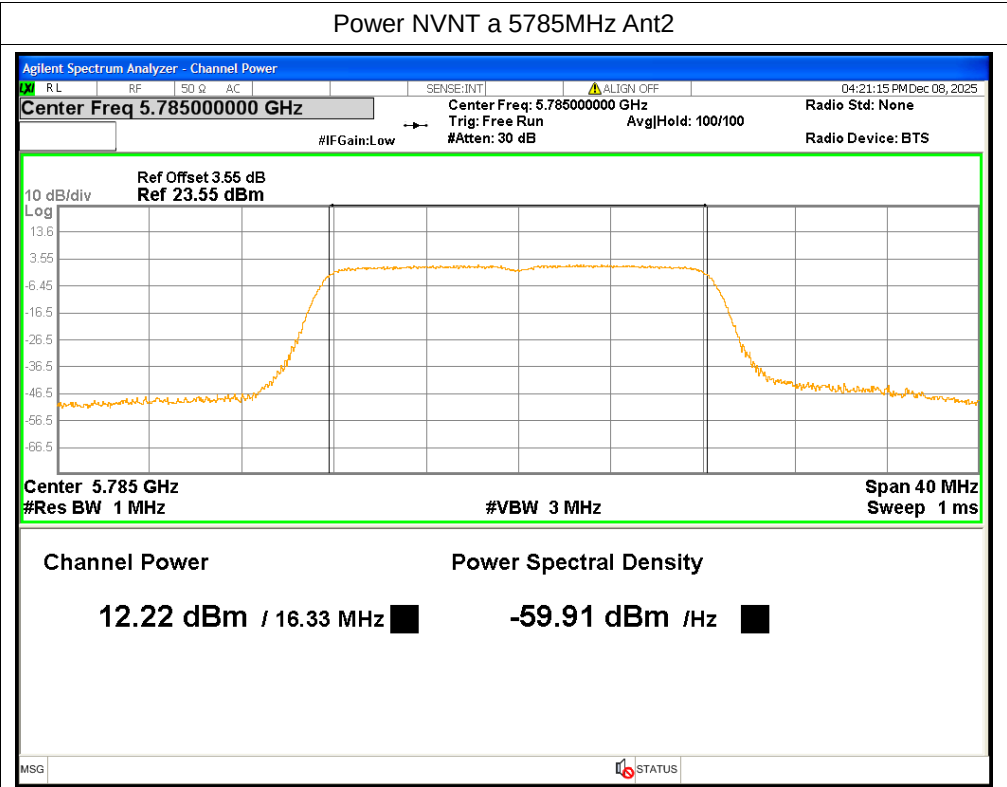


Power NVNT a 5825MHz Ant1

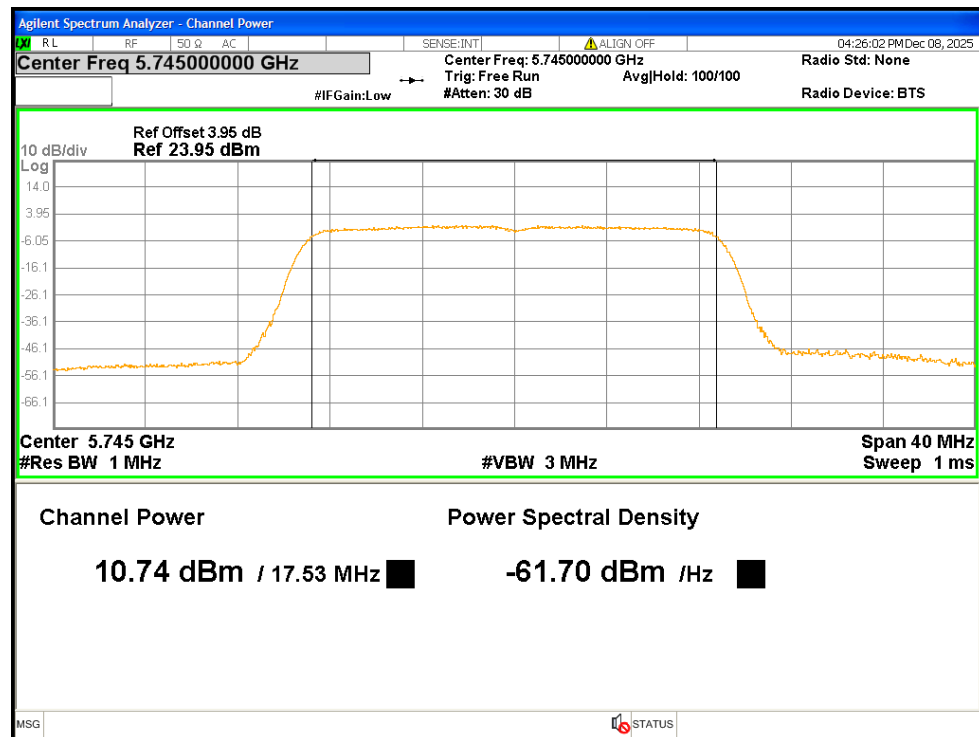


Power NVNT a 5745MHz Ant2

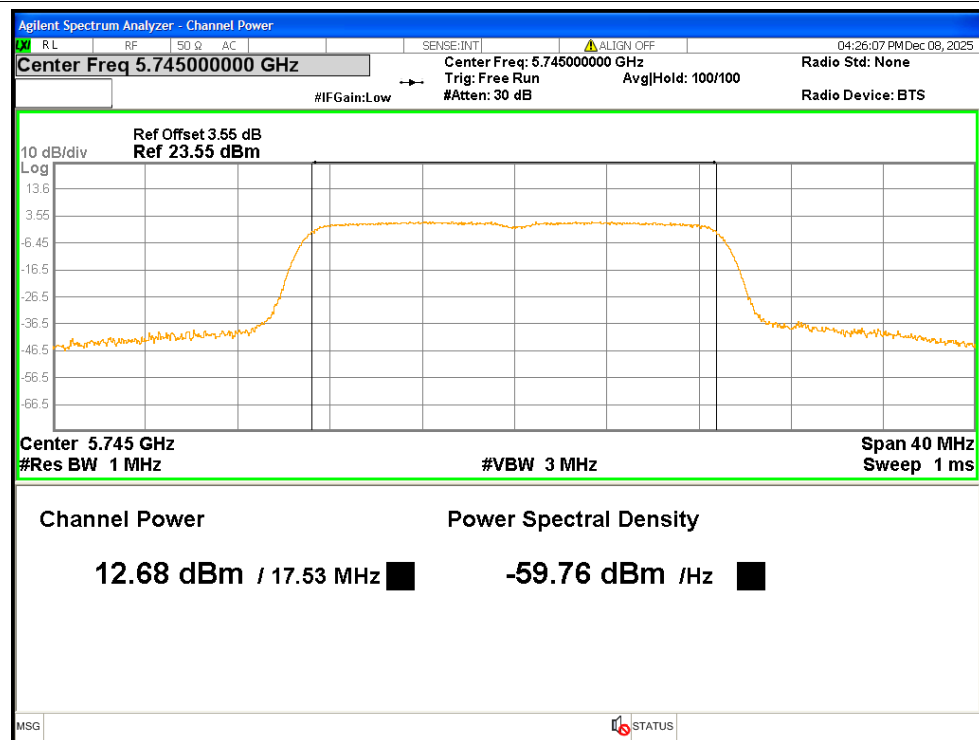




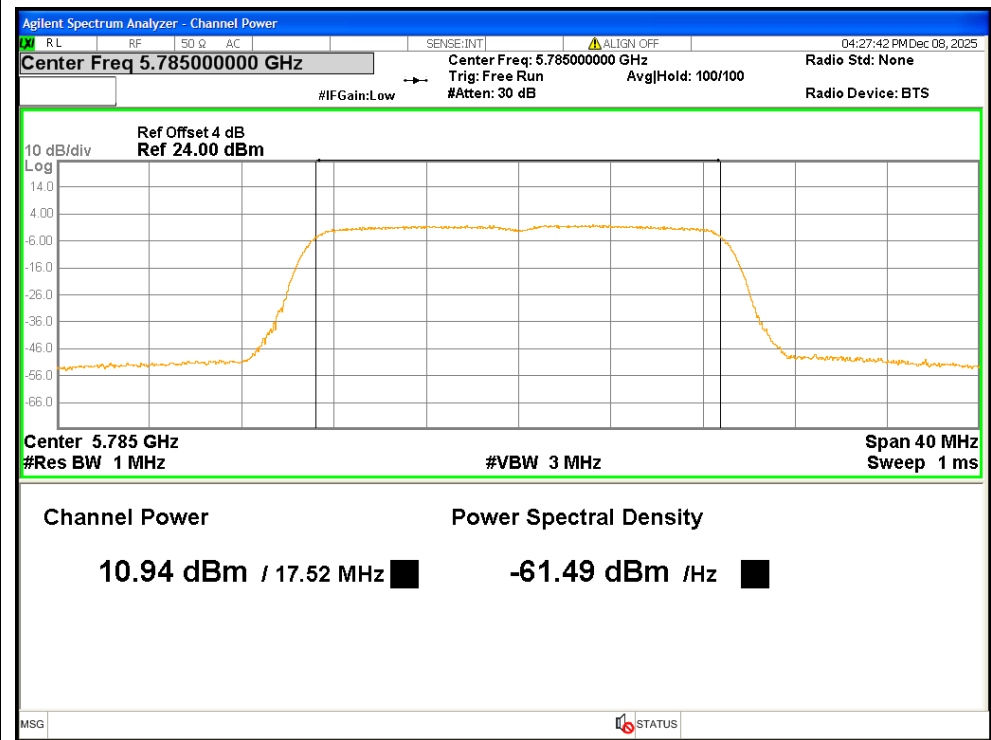
Power NVNT n20 5745MHz Ant1



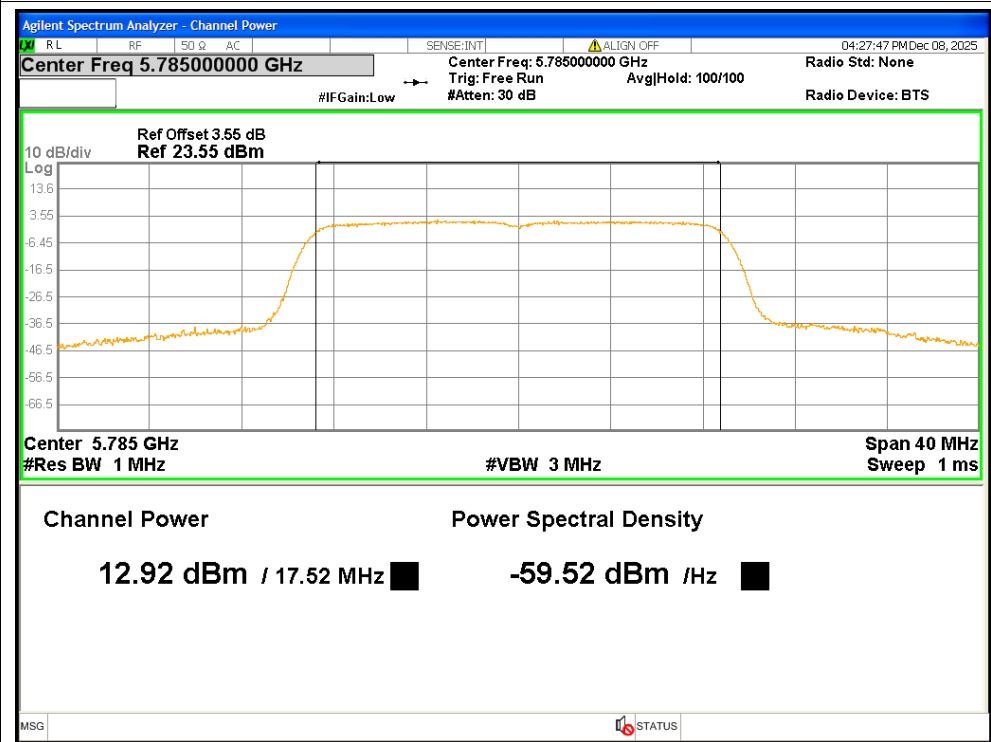
Power NVNT n20 5745MHz Ant2



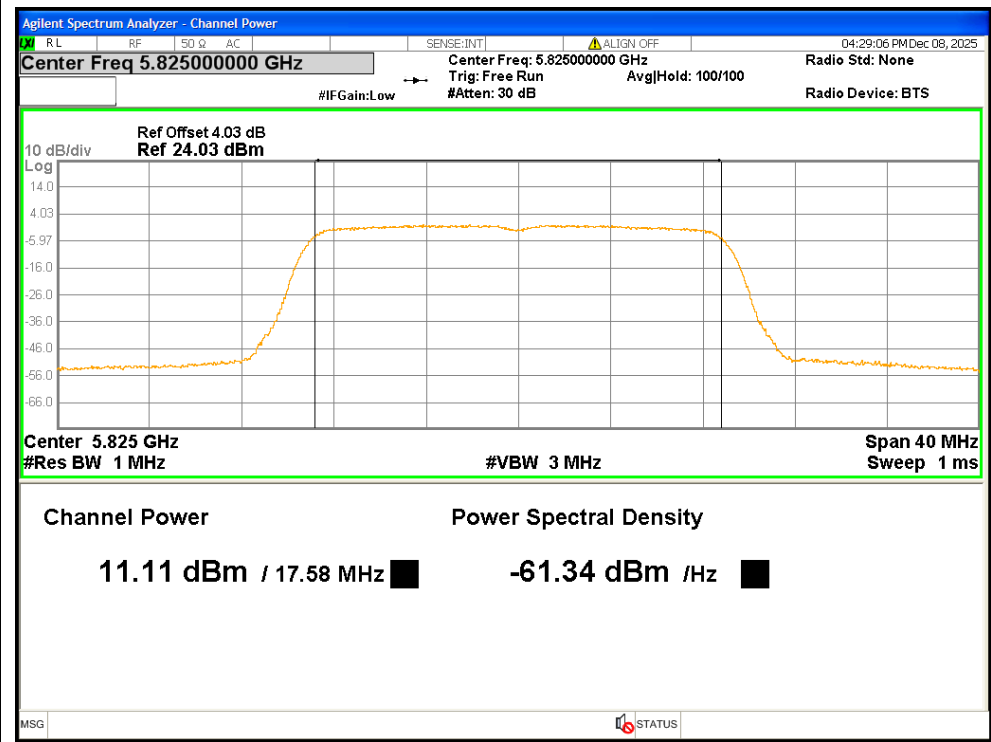
Power NVNT n20 5785MHz Ant1



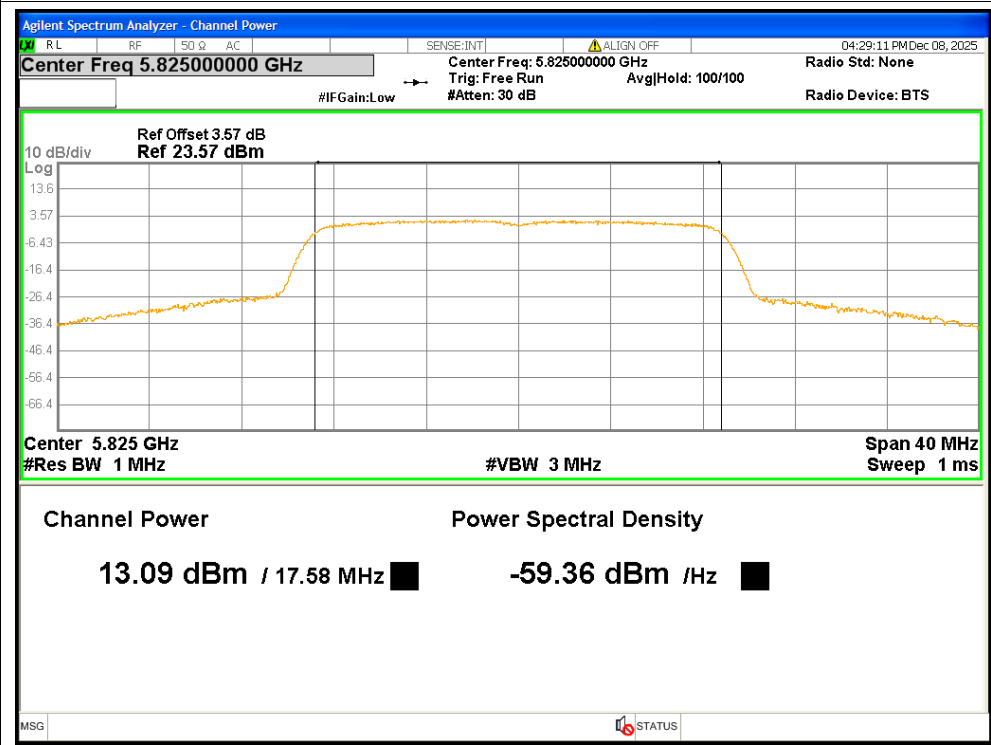
Power NVNT n20 5785MHz Ant2



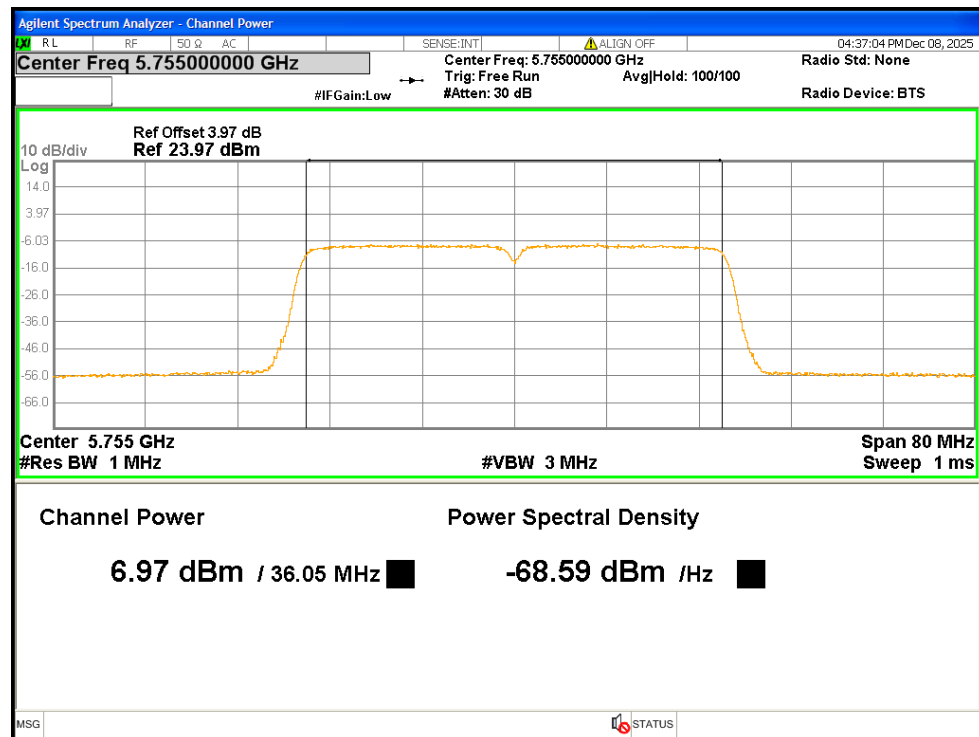
Power NVNT n20 5825MHz Ant1



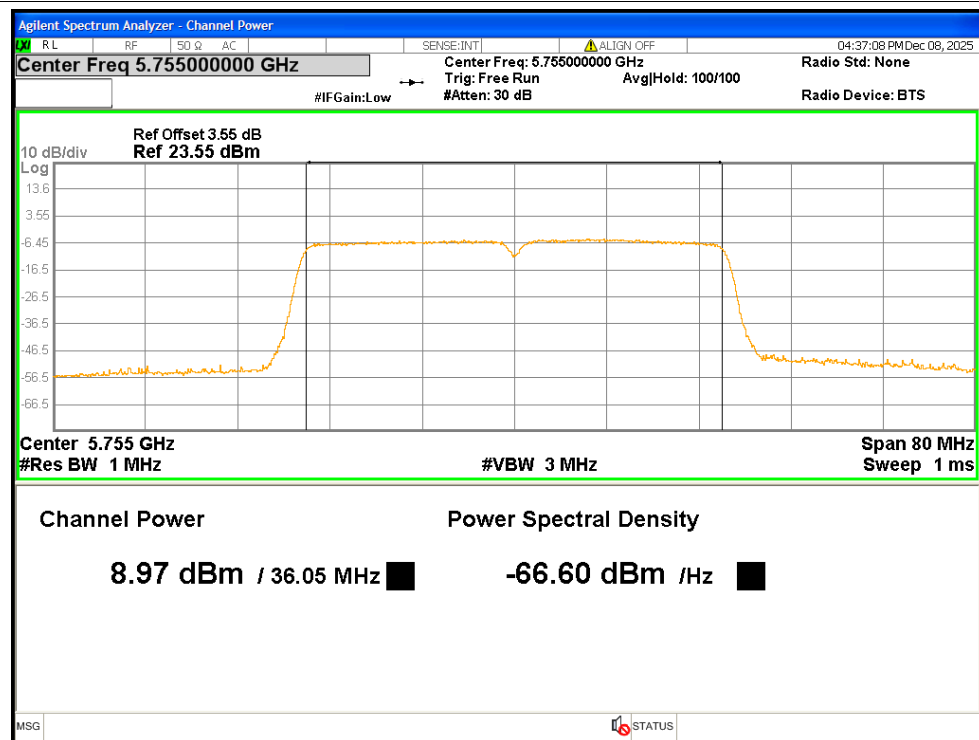
Power NVNT n20 5825MHz Ant2



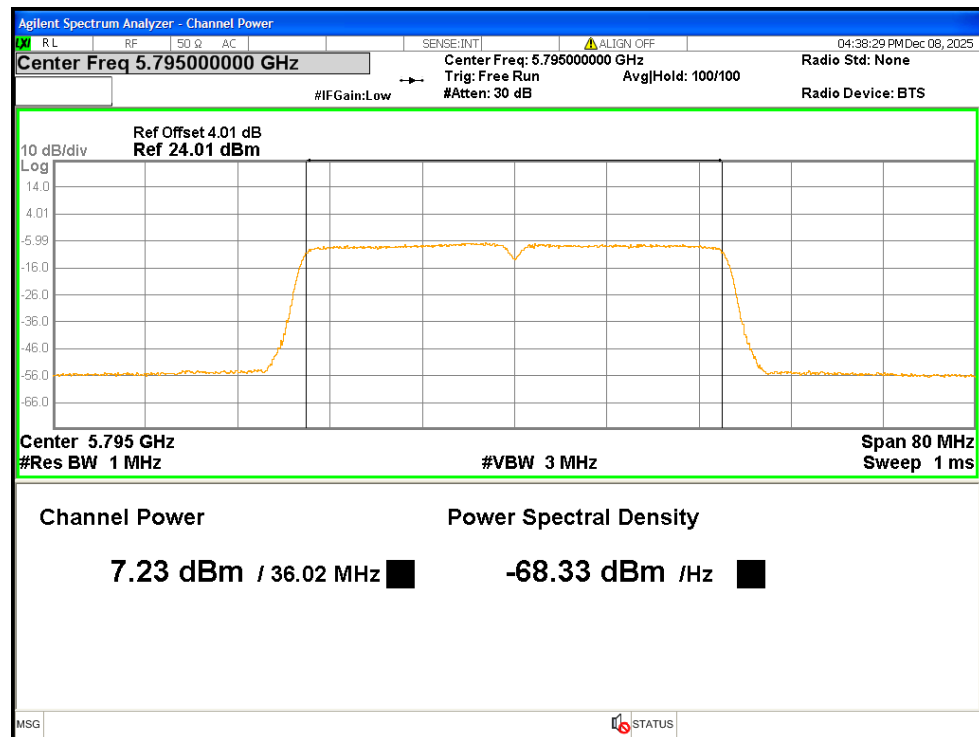
Power NVNT n40 5755MHz Ant1



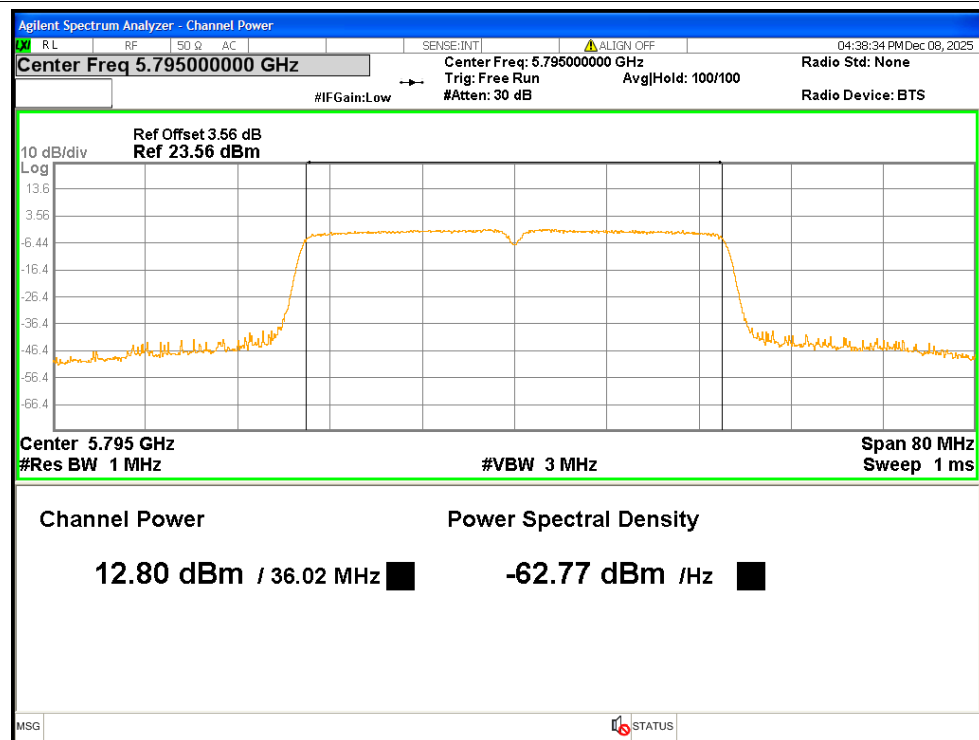
Power NVNT n40 5755MHz Ant2



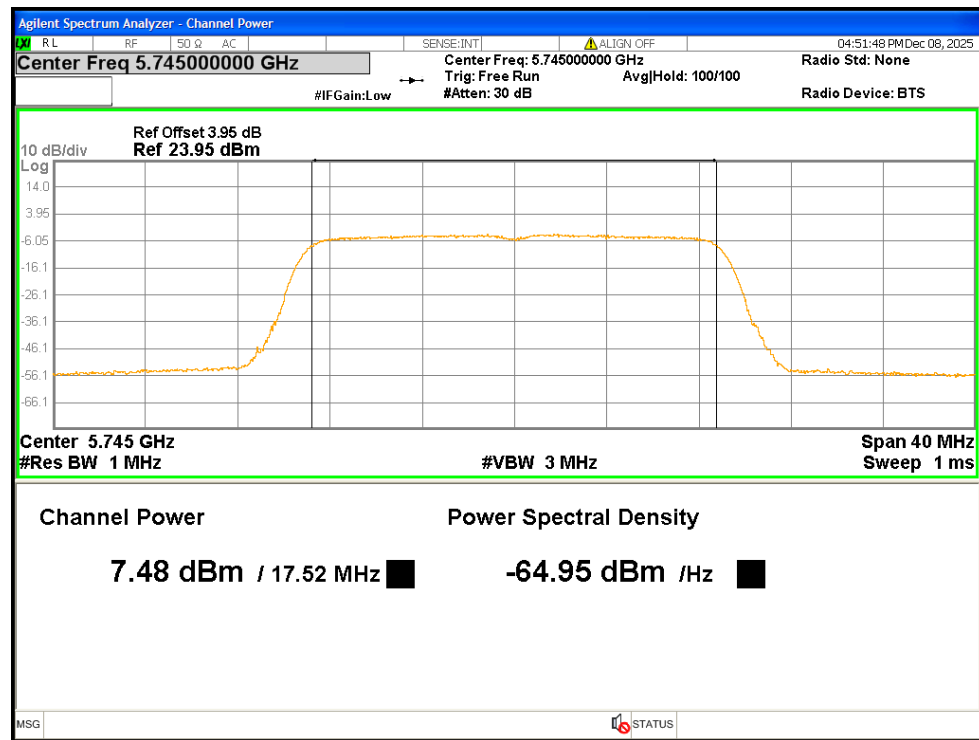
Power NVNT n40 5795MHz Ant1



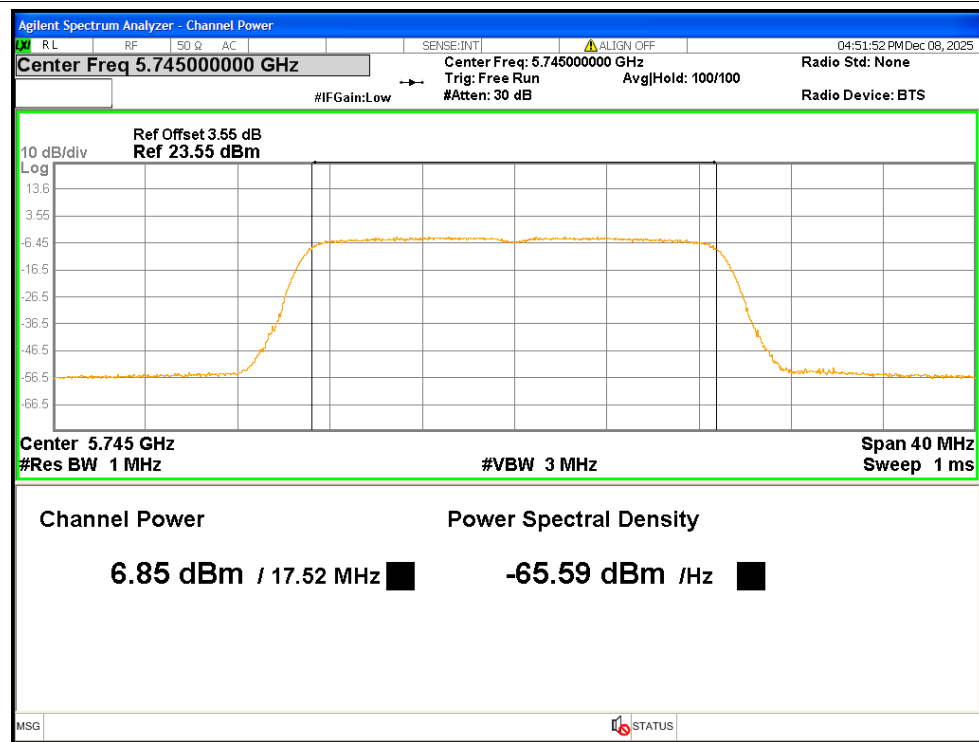
Power NVNT n40 5795MHz Ant2



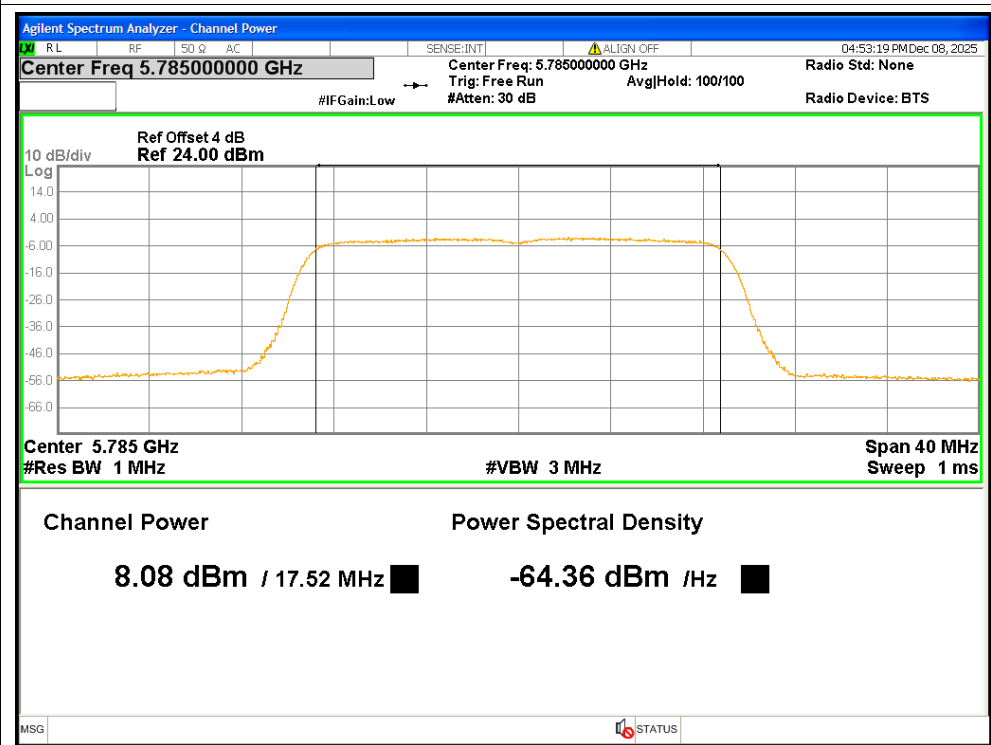
Power NVNT ac20 5745MHz Ant1



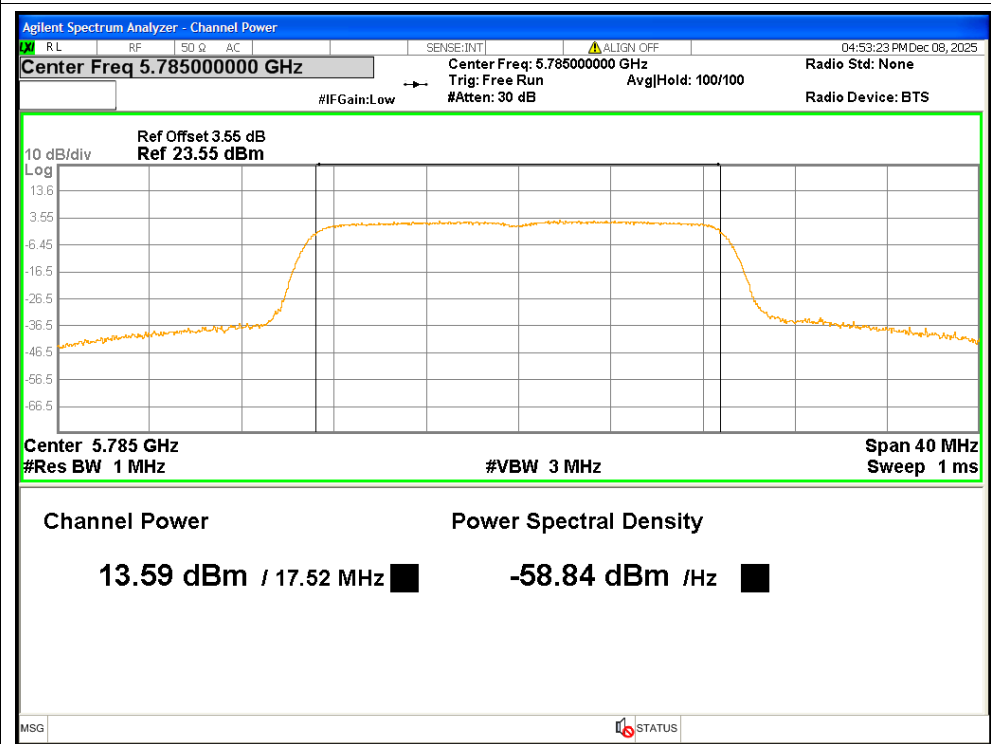
Power NVNT ac20 5745MHz Ant2



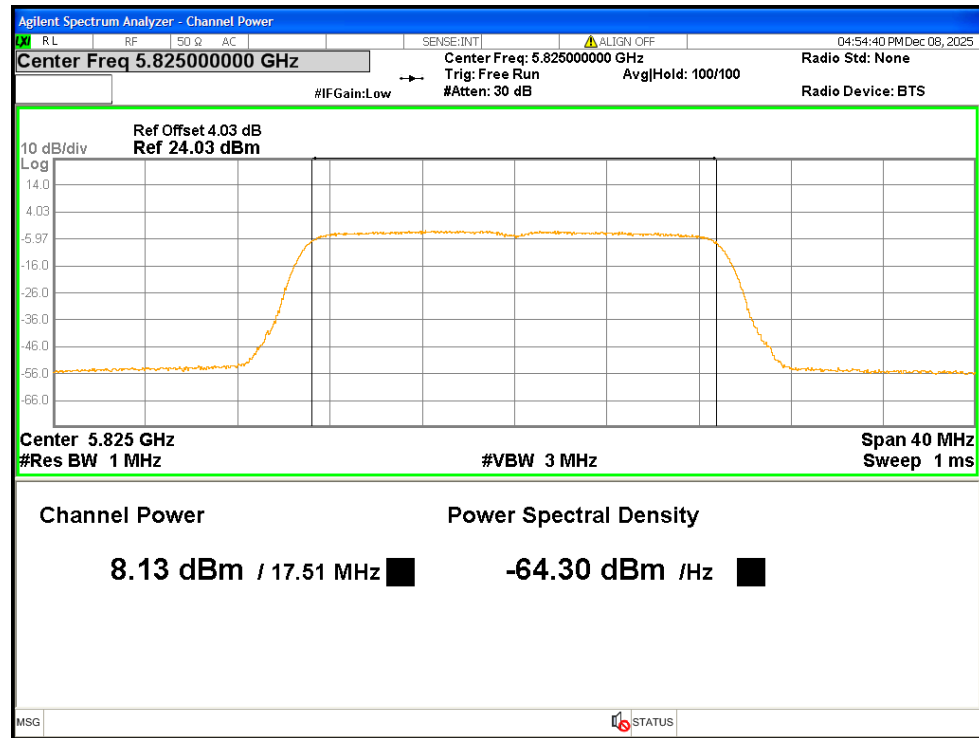
Power NVNT ac20 5785MHz Ant1



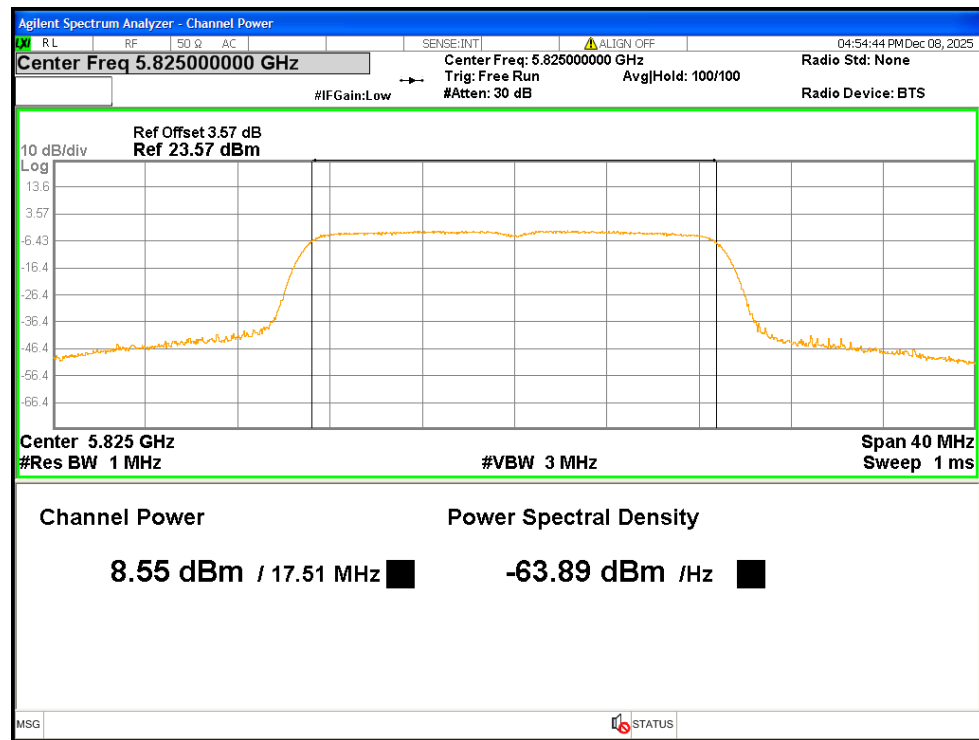
Power NVNT ac20 5785MHz Ant2



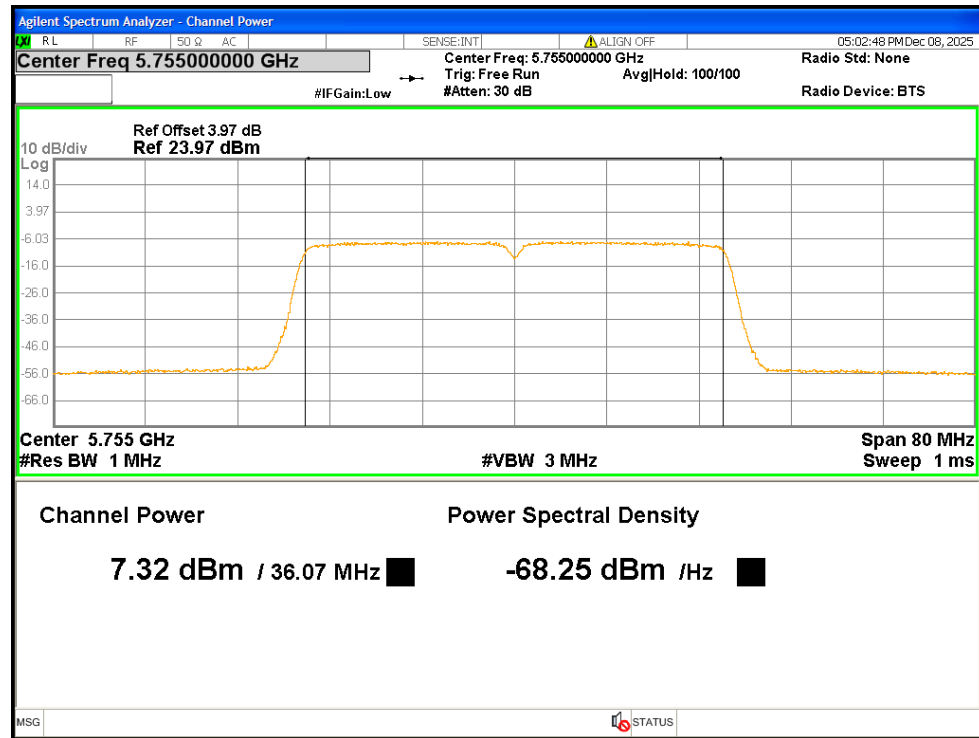
Power NVNT ac20 5825MHz Ant1



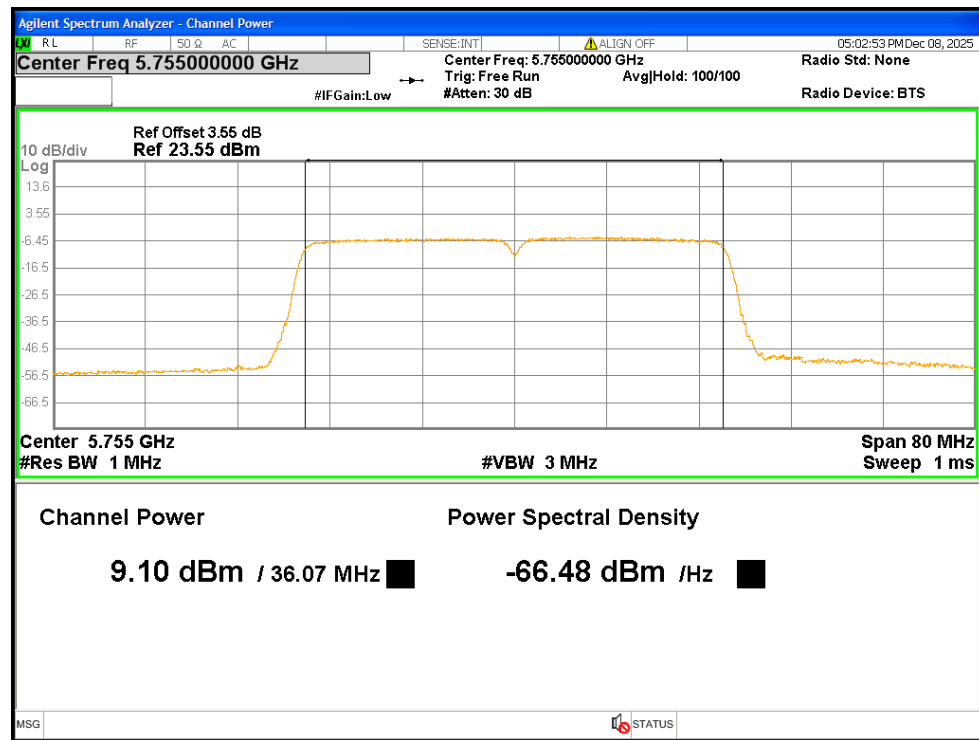
Power NVNT ac20 5825MHz Ant2



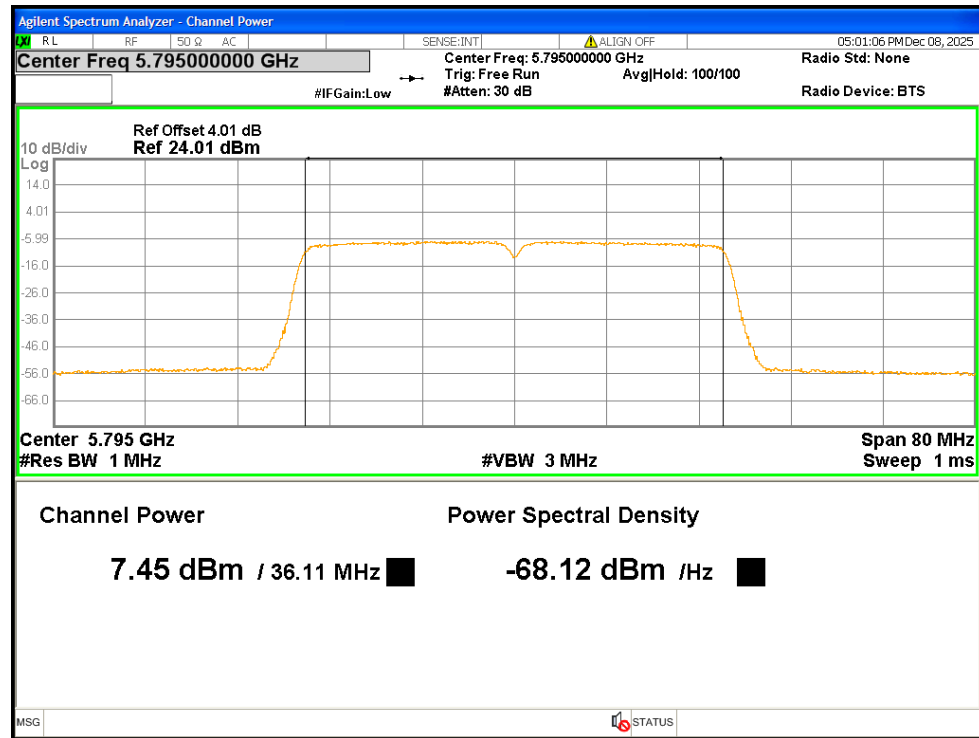
Power NVNT ac40 5755MHz Ant1



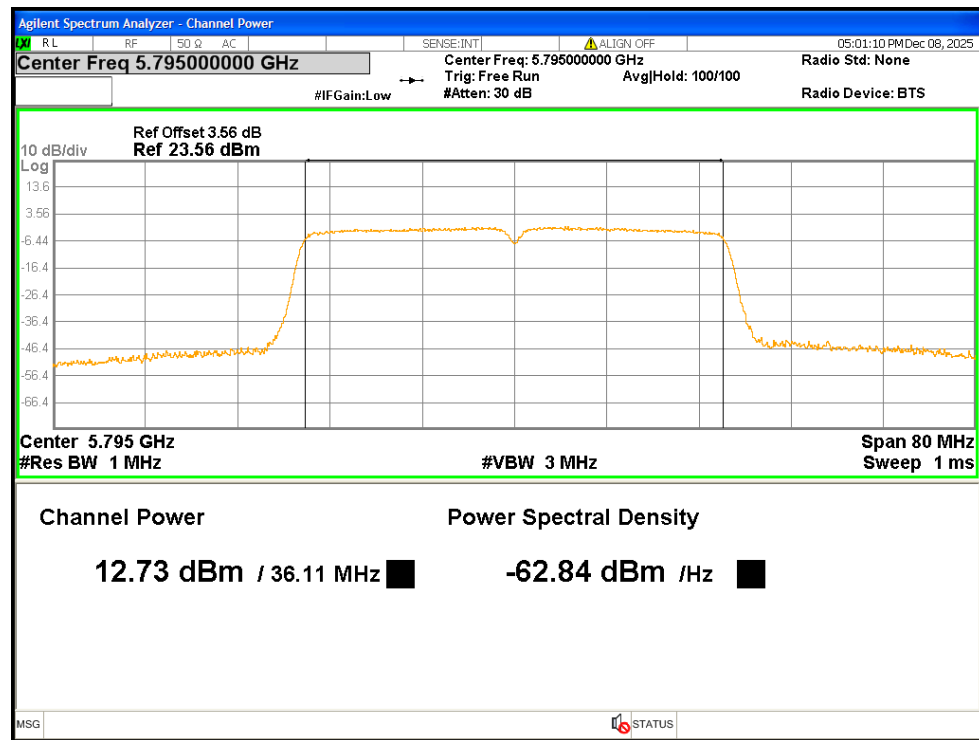
Power NVNT ac40 5755MHz Ant2



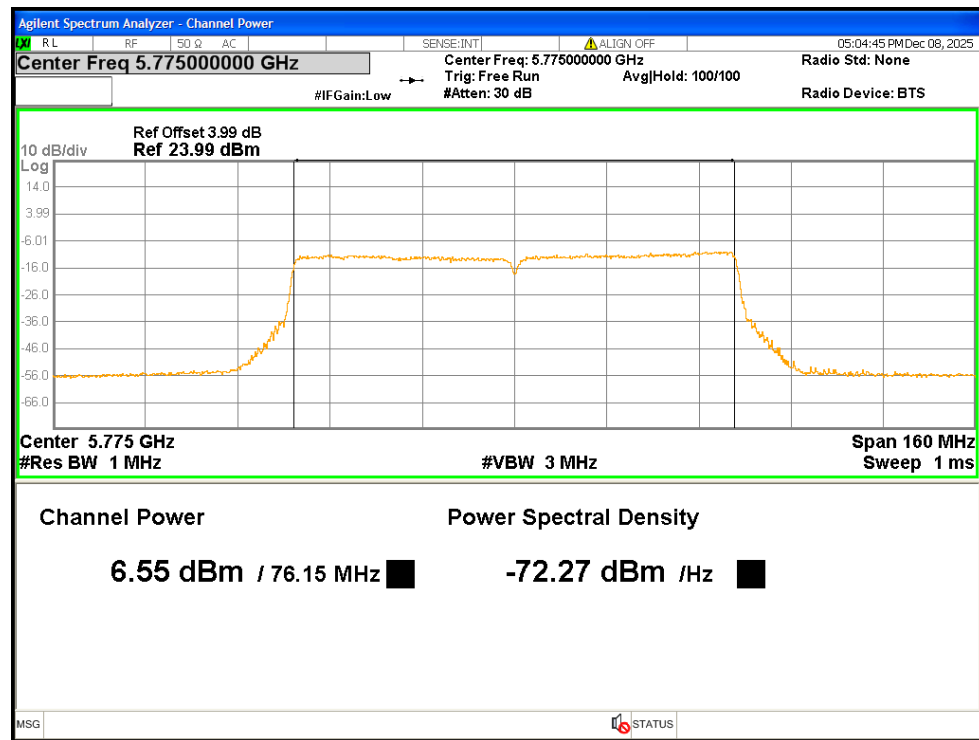
Power NVNT ac40 5795MHz Ant1



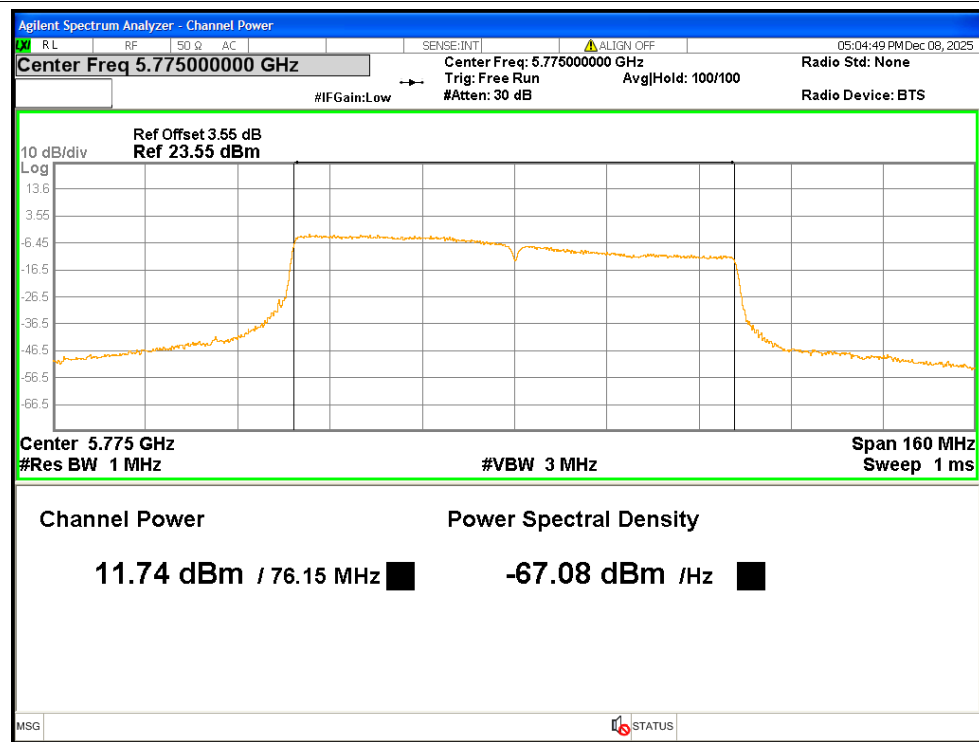
Power NVNT ac40 5795MHz Ant2



Power NVNT ac80 5775MHz Ant1

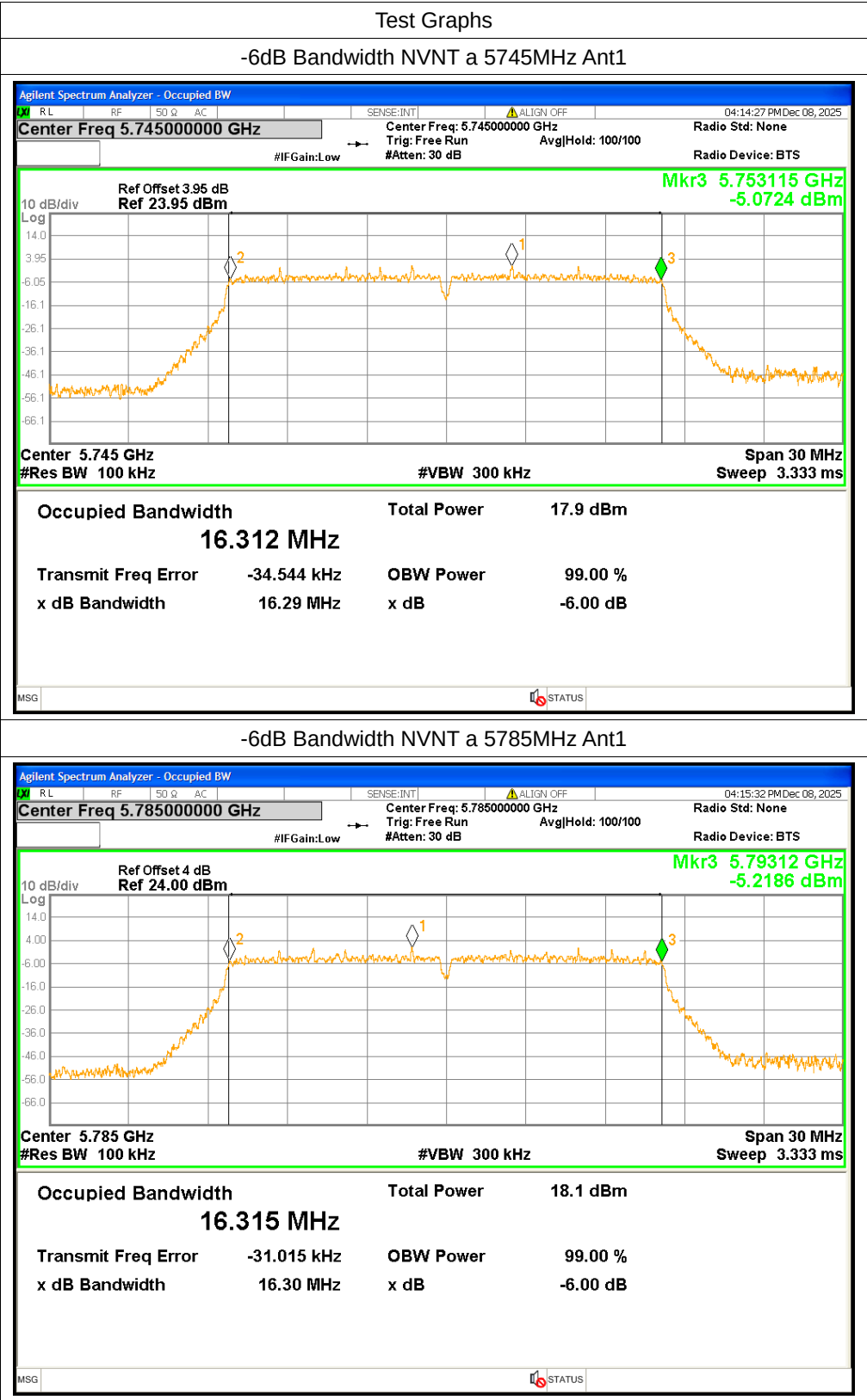


Power NVNT ac80 5775MHz Ant2

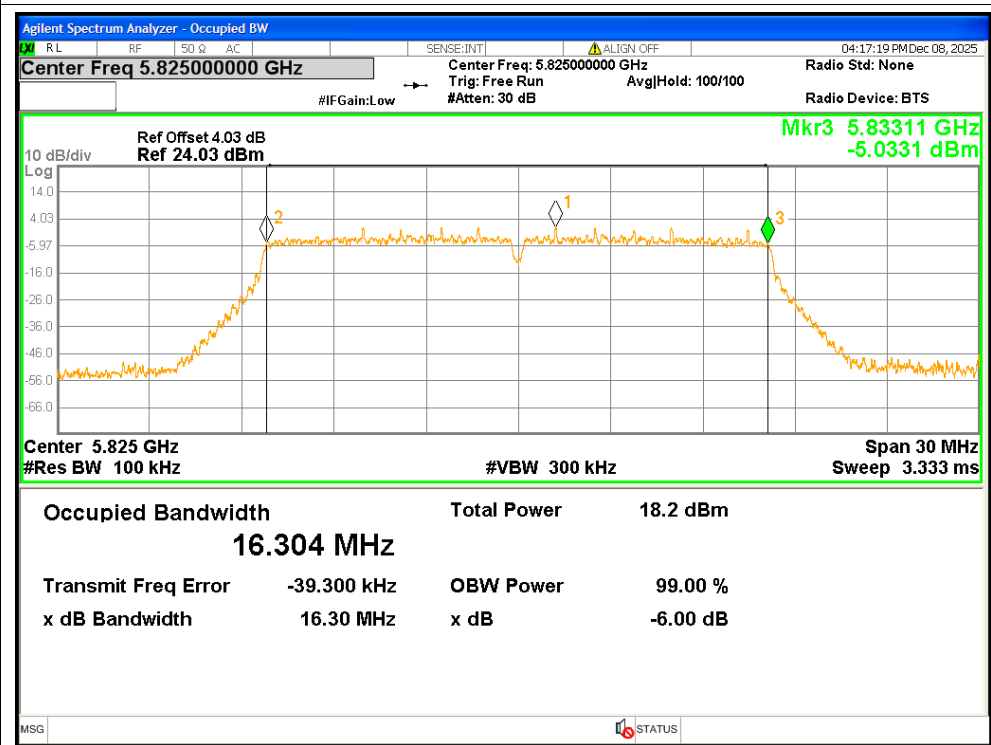


-6dB Bandwidth

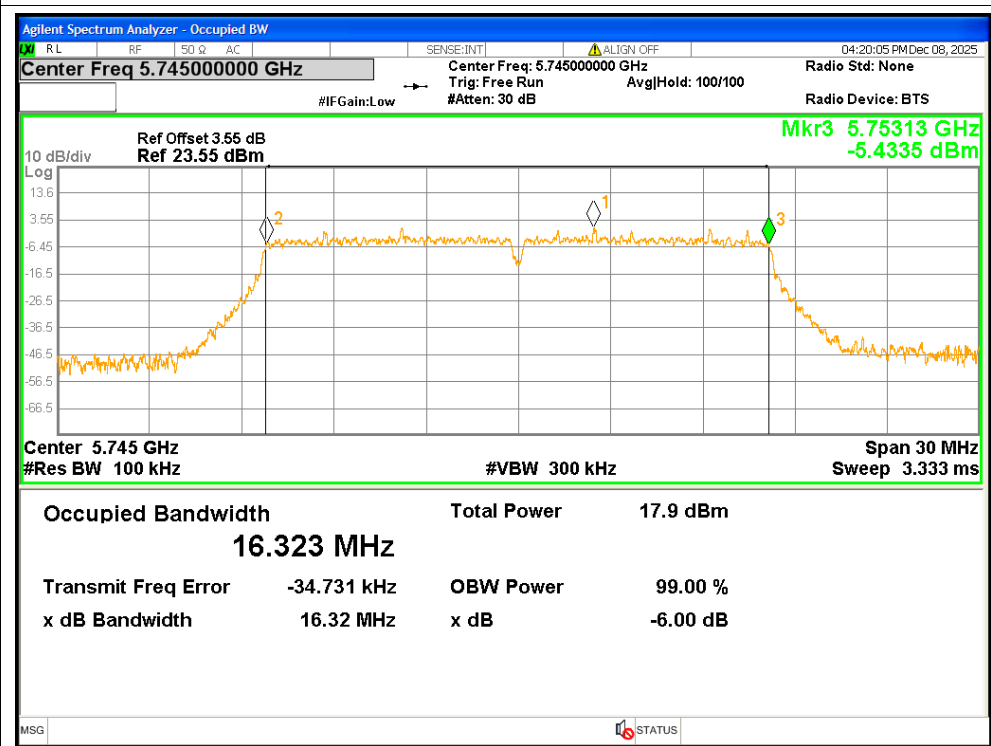
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.29	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.3	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.3	≥ 0.5	Pass
NVNT	a	5745	Ant2	16.32	≥ 0.5	Pass
NVNT	a	5785	Ant2	16.06	≥ 0.5	Pass
NVNT	a	5825	Ant2	16.3	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.54	≥ 0.5	Pass
NVNT	n20	5745	Ant2	17.24	≥ 0.5	Pass
NVNT	n20	5785	Ant1	17.02	≥ 0.5	Pass
NVNT	n20	5785	Ant2	17	≥ 0.5	Pass
NVNT	n20	5825	Ant1	16.62	≥ 0.5	Pass
NVNT	n20	5825	Ant2	17.25	≥ 0.5	Pass
NVNT	n40	5755	Ant1	35.88	≥ 0.5	Pass
NVNT	n40	5755	Ant2	36.01	≥ 0.5	Pass
NVNT	n40	5795	Ant1	35.88	≥ 0.5	Pass
NVNT	n40	5795	Ant2	35.78	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	17.25	≥ 0.5	Pass
NVNT	ac20	5745	Ant2	17.39	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	17.27	≥ 0.5	Pass
NVNT	ac20	5785	Ant2	17.54	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	17.24	≥ 0.5	Pass
NVNT	ac20	5825	Ant2	17.38	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	35.67	≥ 0.5	Pass
NVNT	ac40	5755	Ant2	35.59	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	35.71	≥ 0.5	Pass
NVNT	ac40	5795	Ant2	35.85	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	76	≥ 0.5	Pass
NVNT	ac80	5775	Ant2	50.72	≥ 0.5	Pass



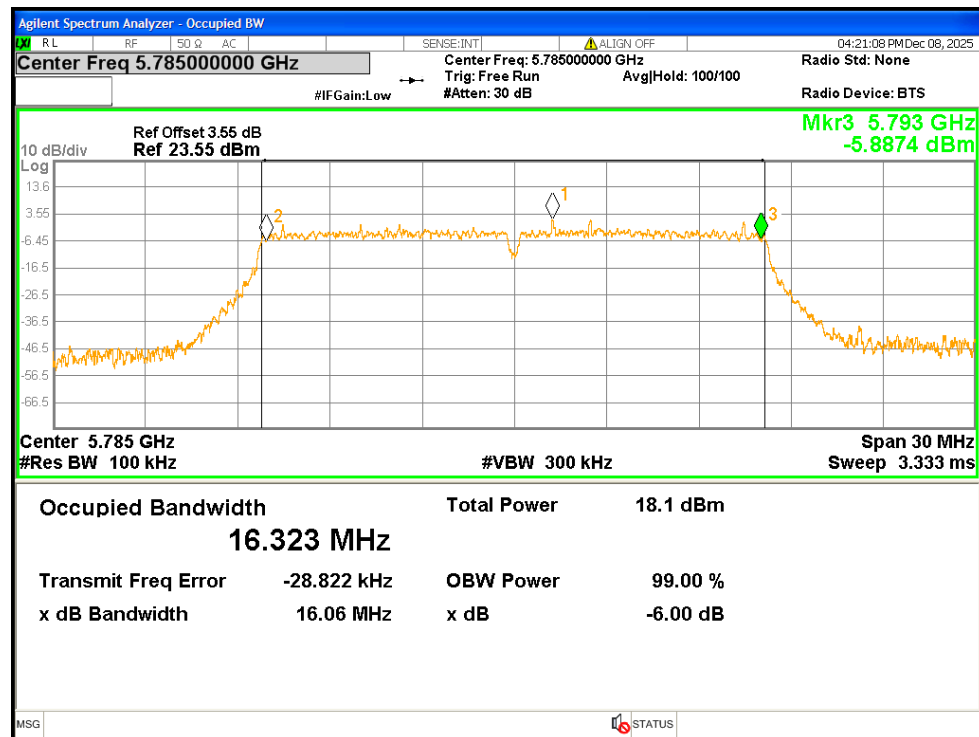
-6dB Bandwidth NVNT a 5825MHz Ant1



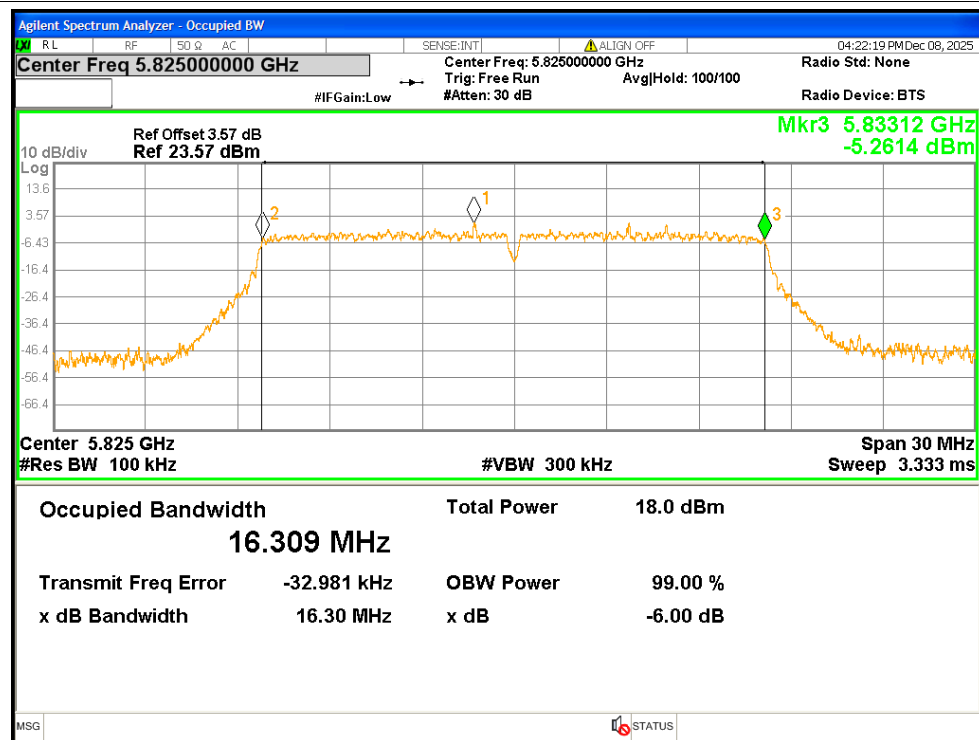
-6dB Bandwidth NVNT a 5745MHz Ant2



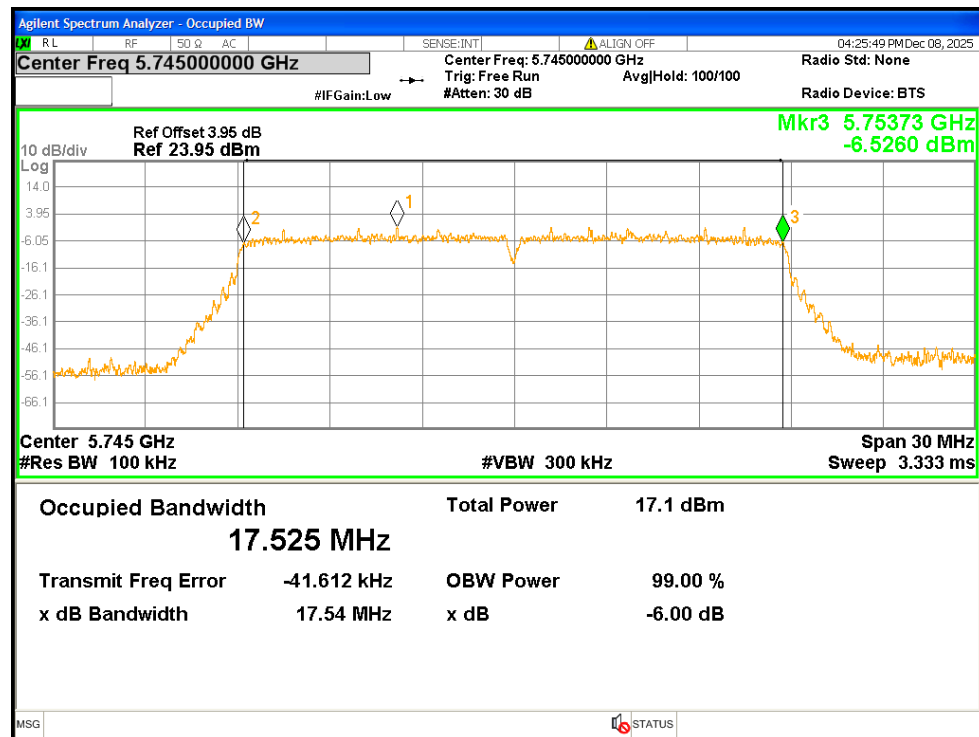
-6dB Bandwidth NVNT a 5785MHz Ant2



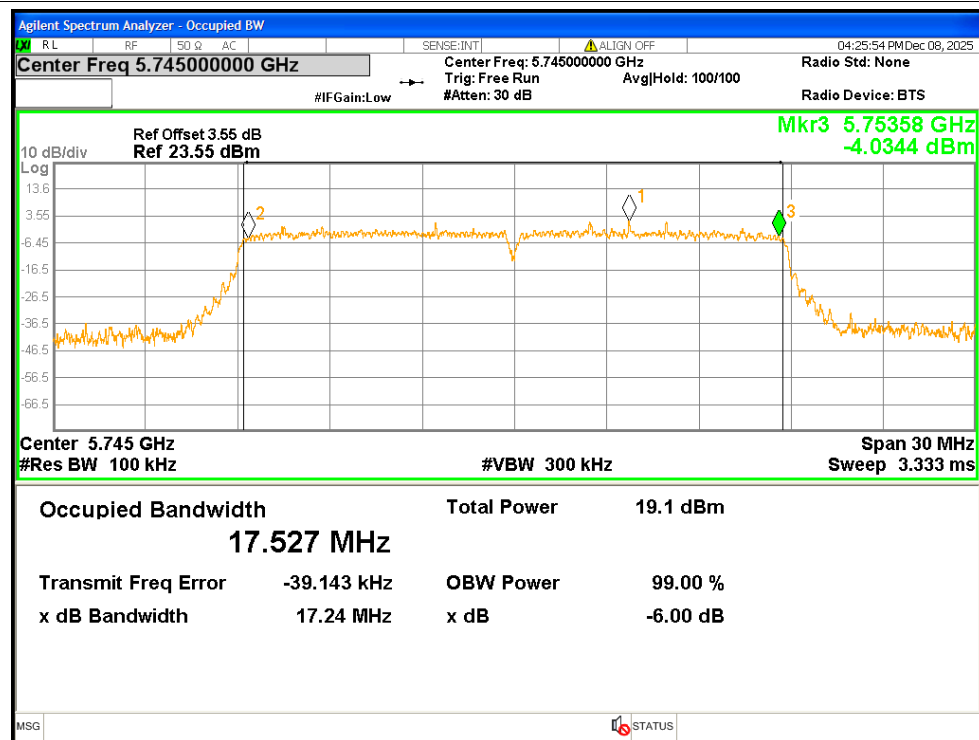
-6dB Bandwidth NVNT a 5825MHz Ant2



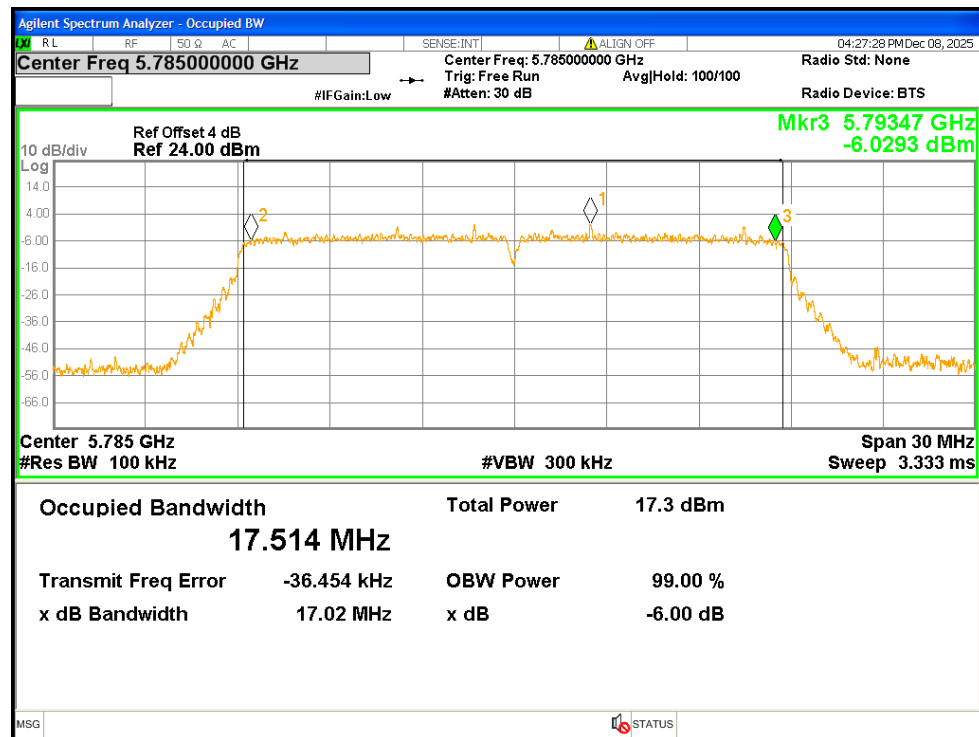
-6dB Bandwidth NVNT n20 5745MHz Ant1



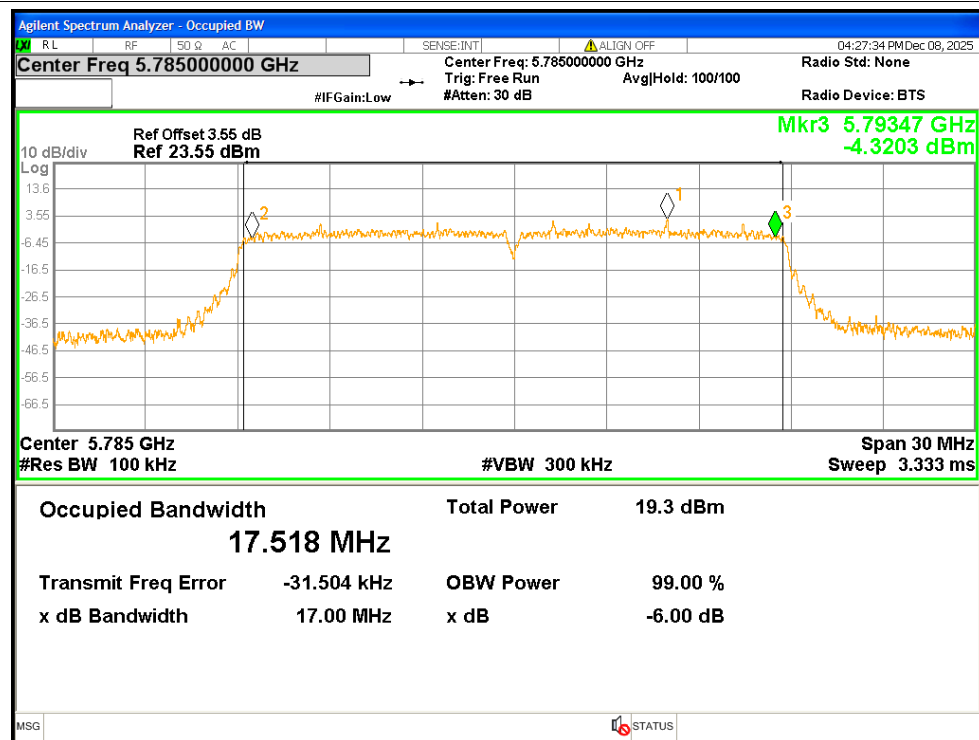
-6dB Bandwidth NVNT n20 5745MHz Ant2



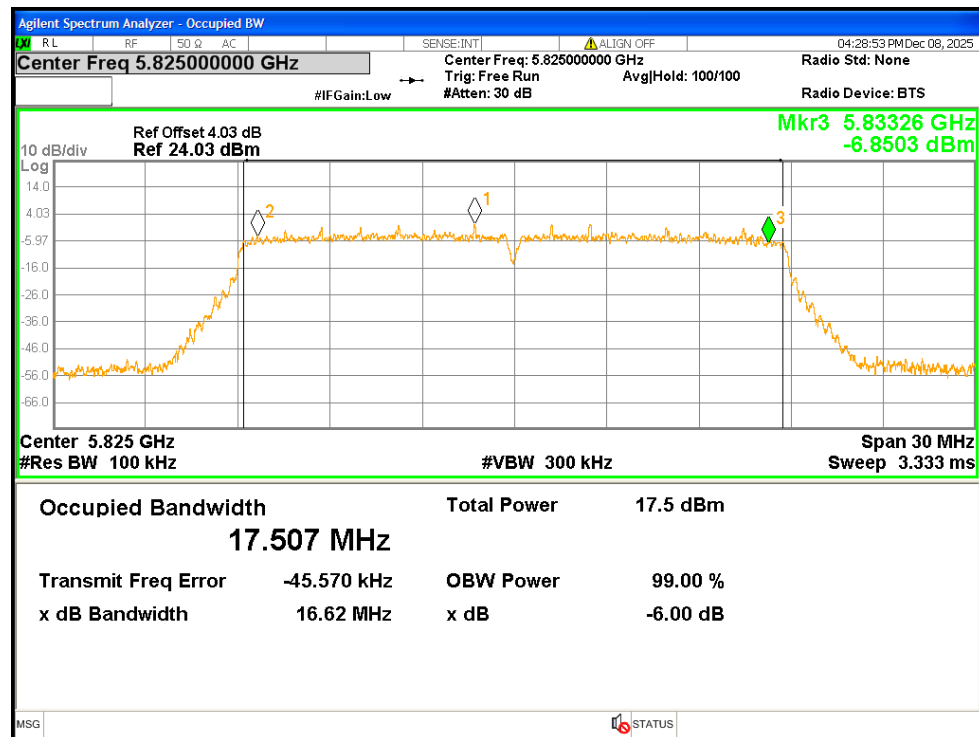
-6dB Bandwidth NVNT n20 5785MHz Ant1



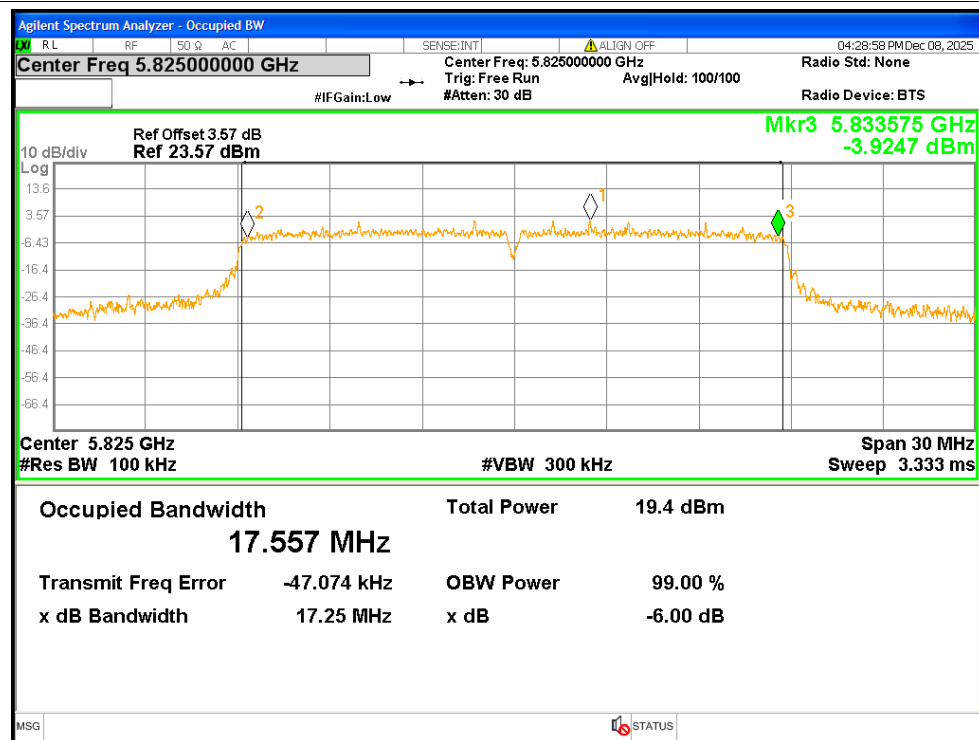
-6dB Bandwidth NVNT n20 5785MHz Ant2



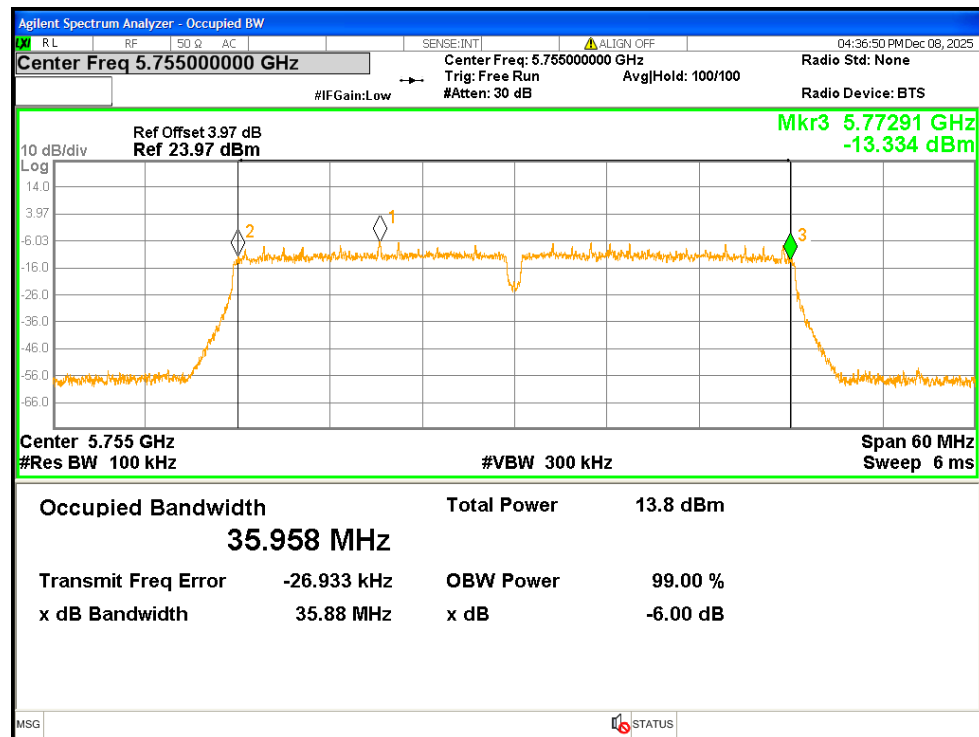
-6dB Bandwidth NVNT n20 5825MHz Ant1



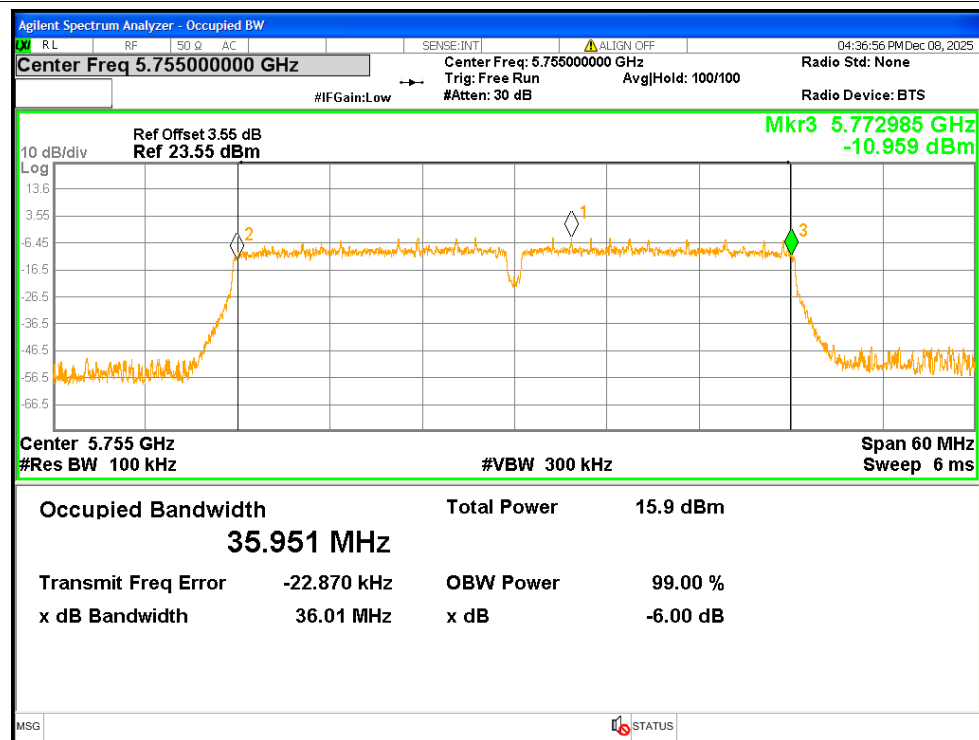
-6dB Bandwidth NVNT n20 5825MHz Ant2



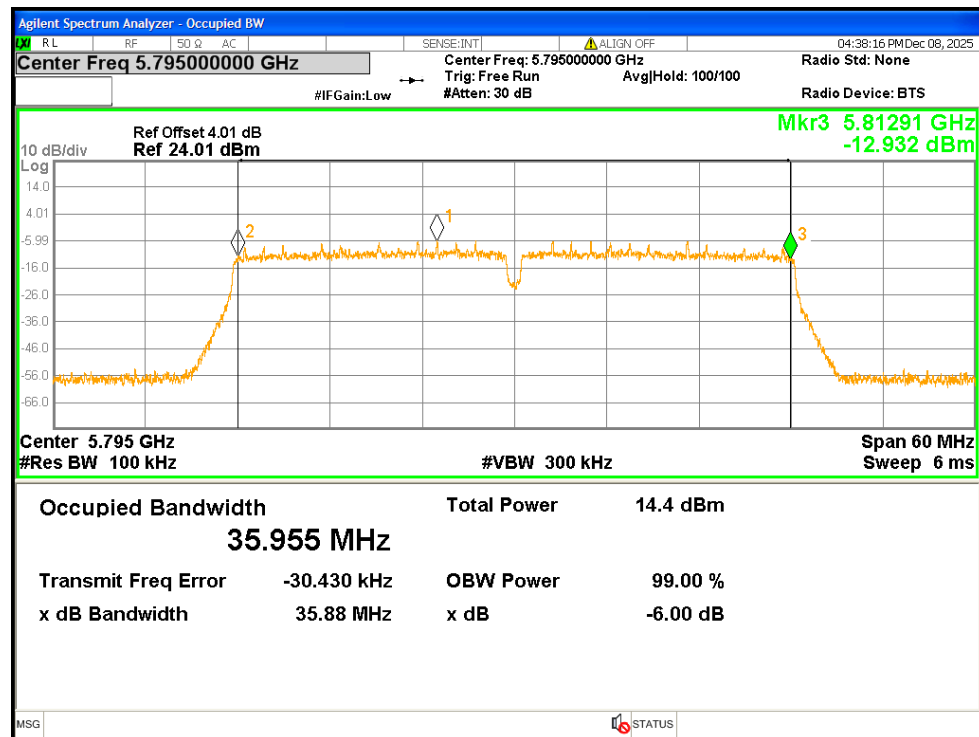
-6dB Bandwidth NVNT n40 5755MHz Ant1



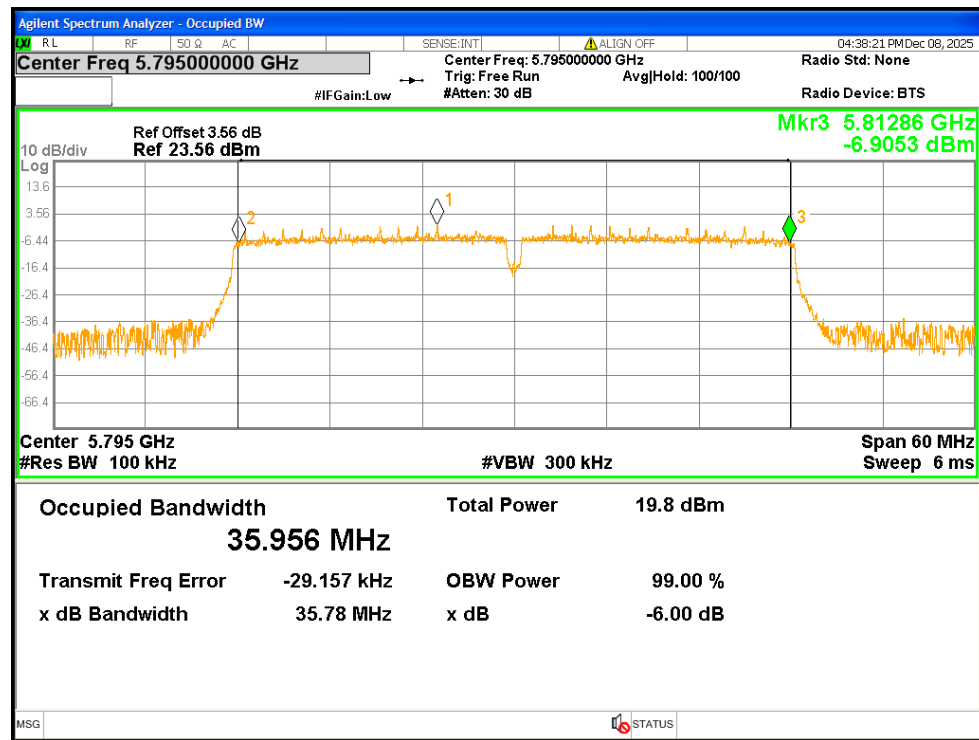
-6dB Bandwidth NVNT n40 5755MHz Ant2



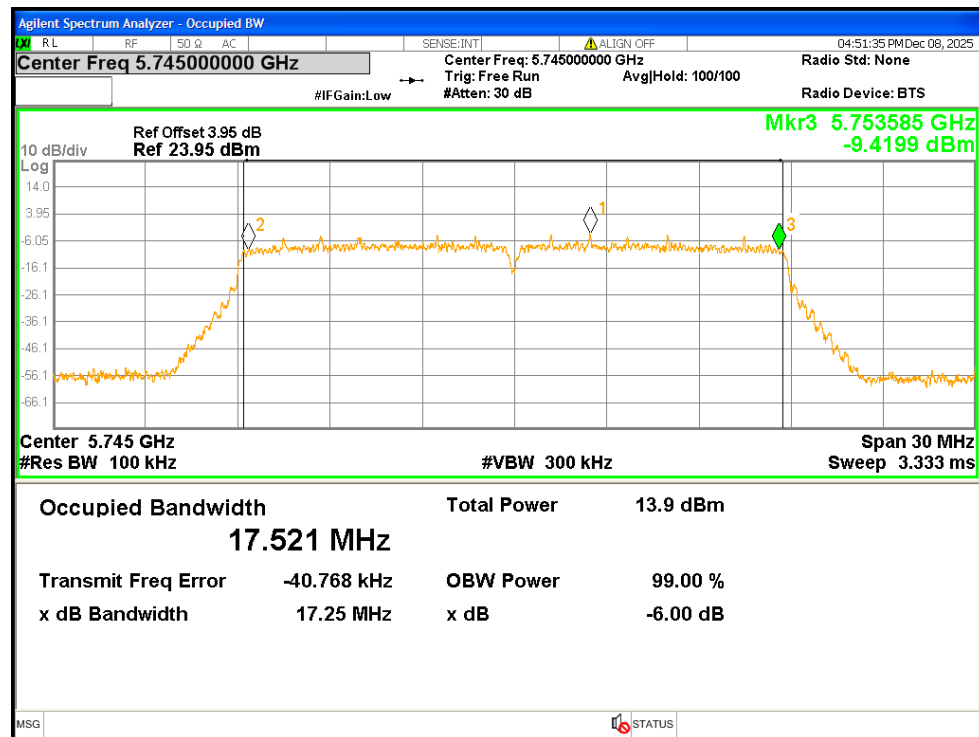
-6dB Bandwidth NVNT n40 5795MHz Ant1



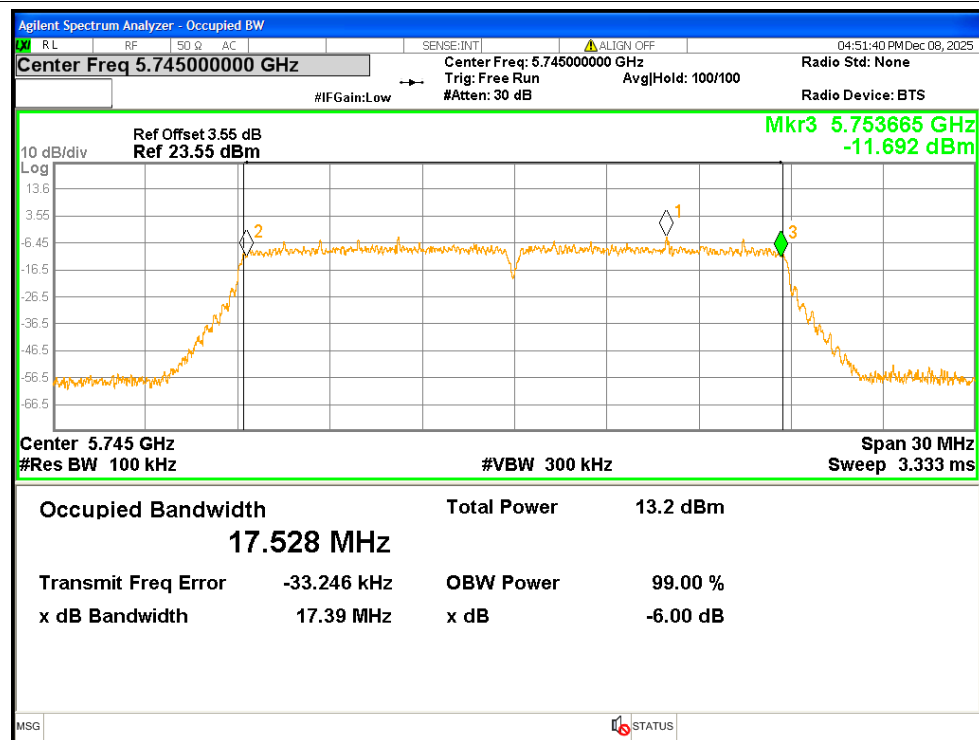
-6dB Bandwidth NVNT n40 5795MHz Ant2



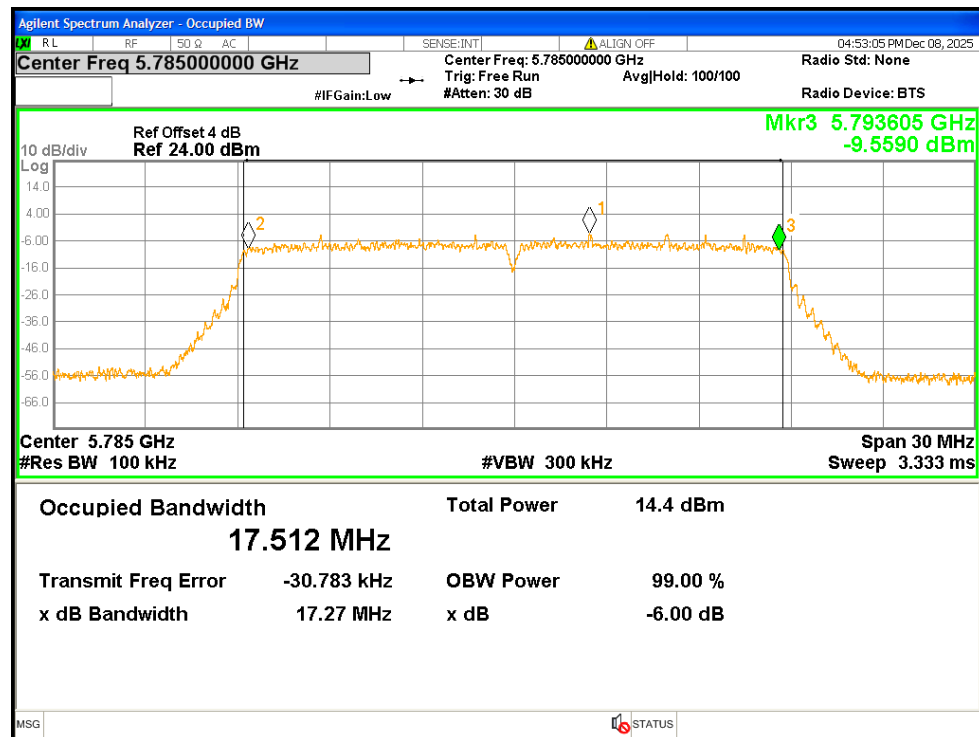
-6dB Bandwidth NVNT ac20 5745MHz Ant1



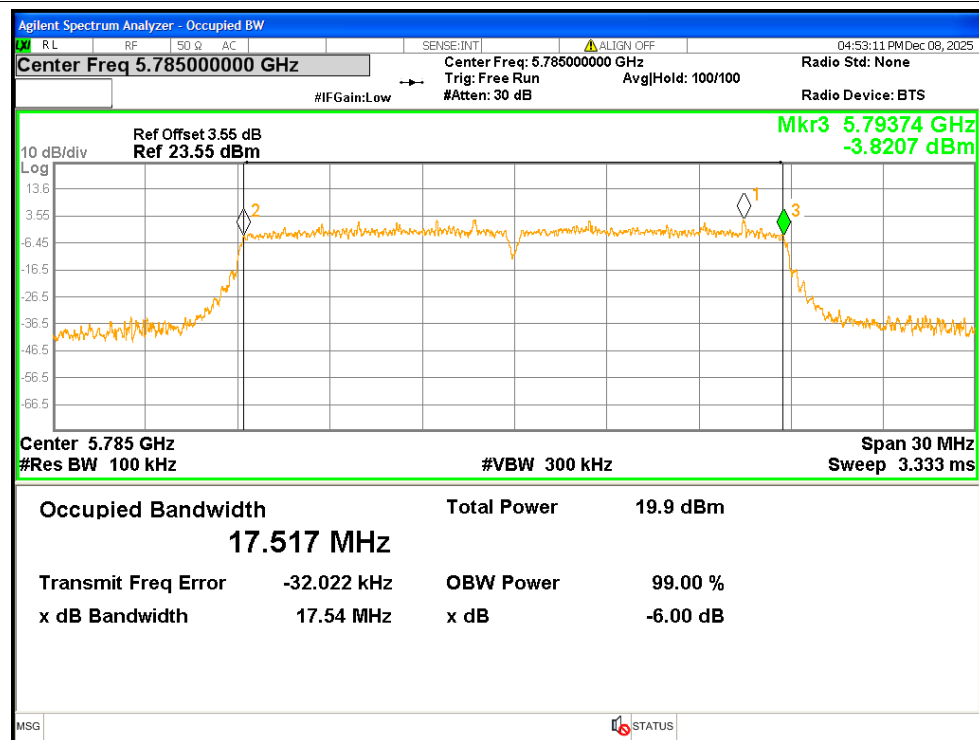
-6dB Bandwidth NVNT ac20 5745MHz Ant2



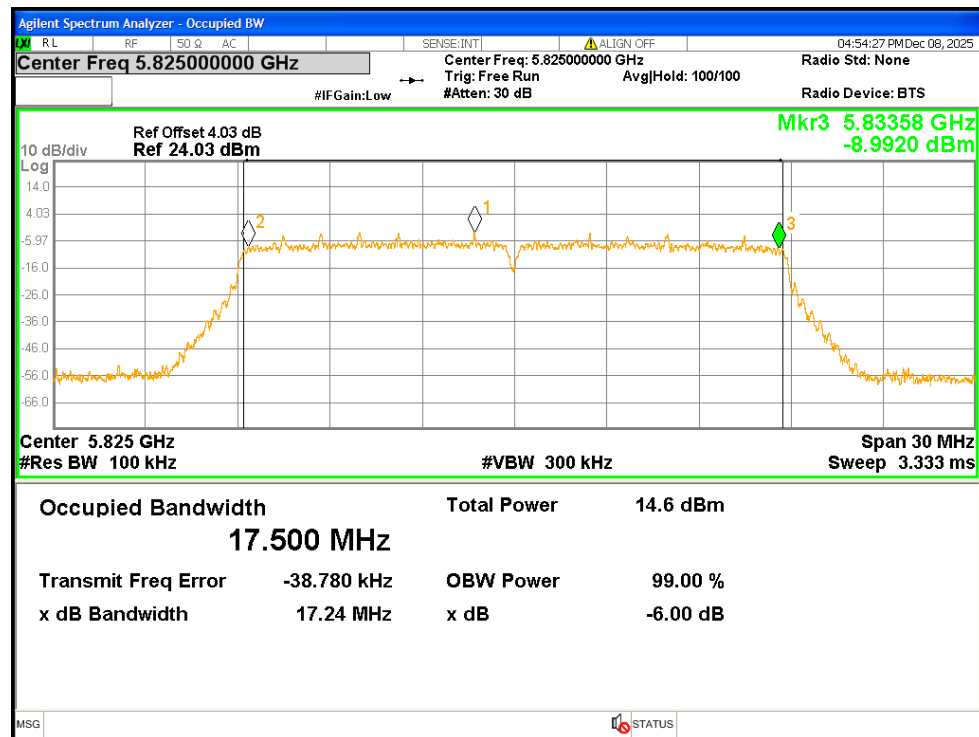
-6dB Bandwidth NVNT ac20 5785MHz Ant1



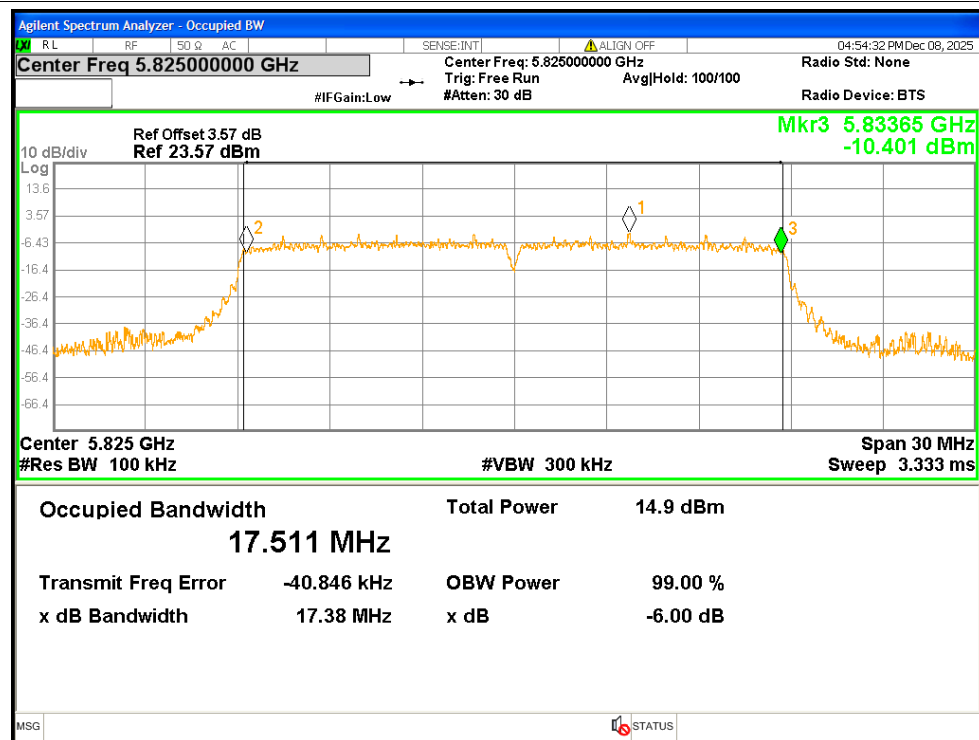
-6dB Bandwidth NVNT ac20 5785MHz Ant2



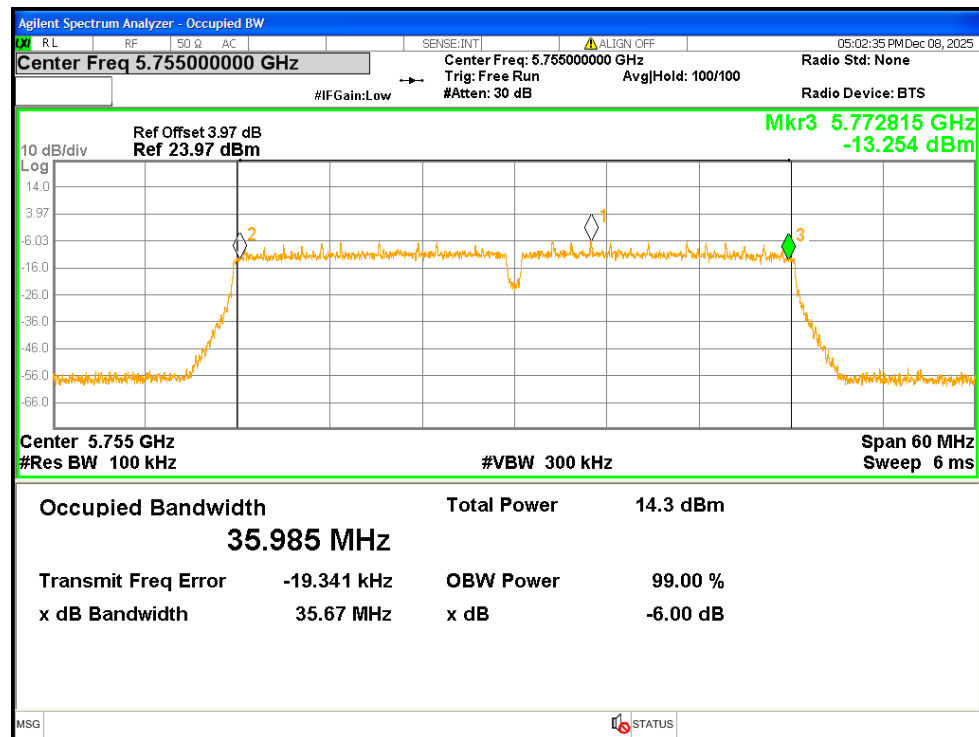
-6dB Bandwidth NVNT ac20 5825MHz Ant1



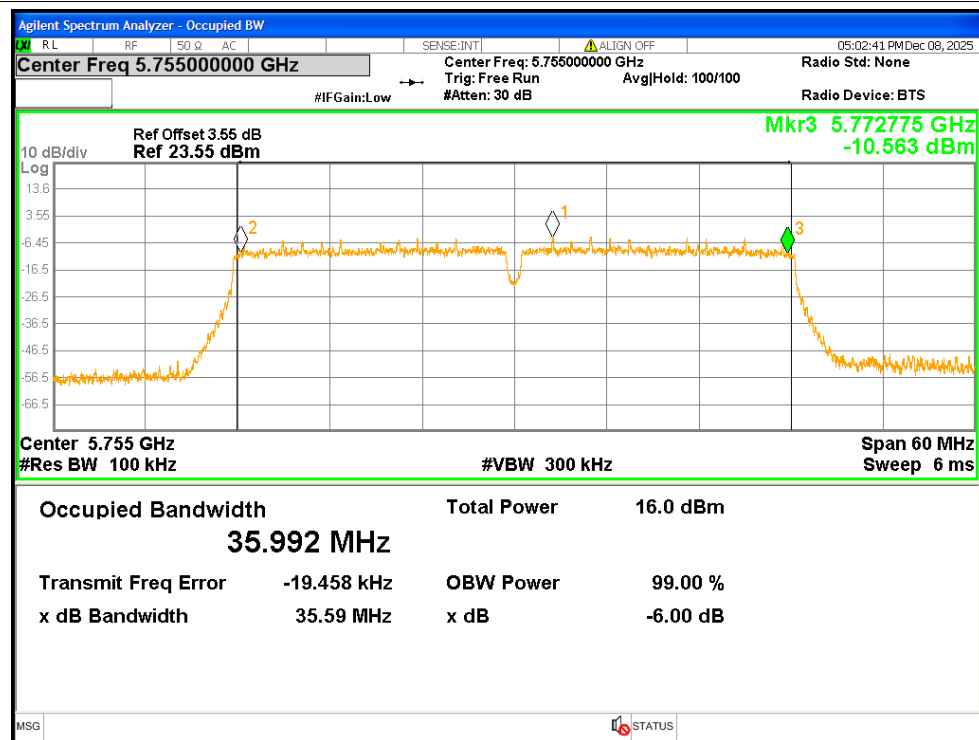
-6dB Bandwidth NVNT ac20 5825MHz Ant2



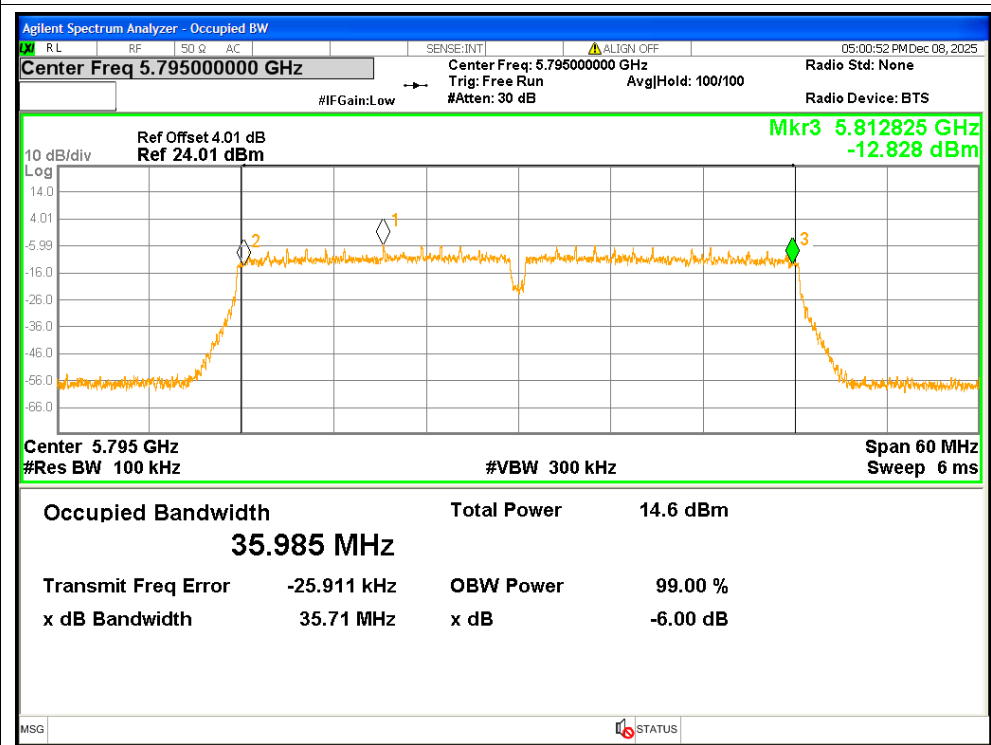
-6dB Bandwidth NVNT ac40 5755MHz Ant1



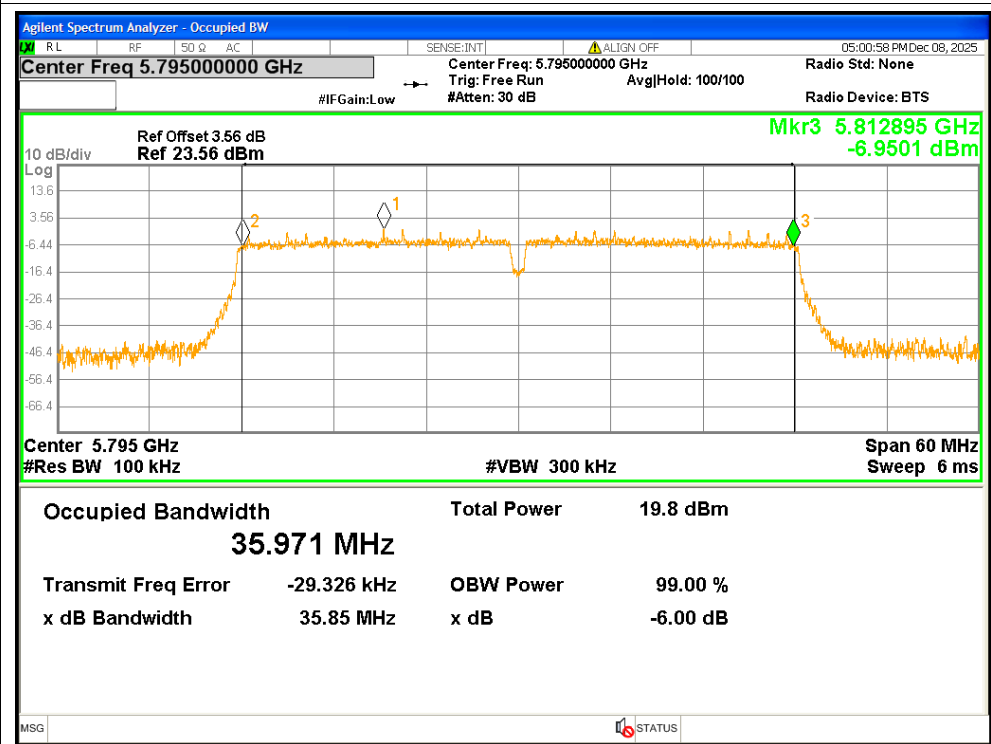
-6dB Bandwidth NVNT ac40 5755MHz Ant2



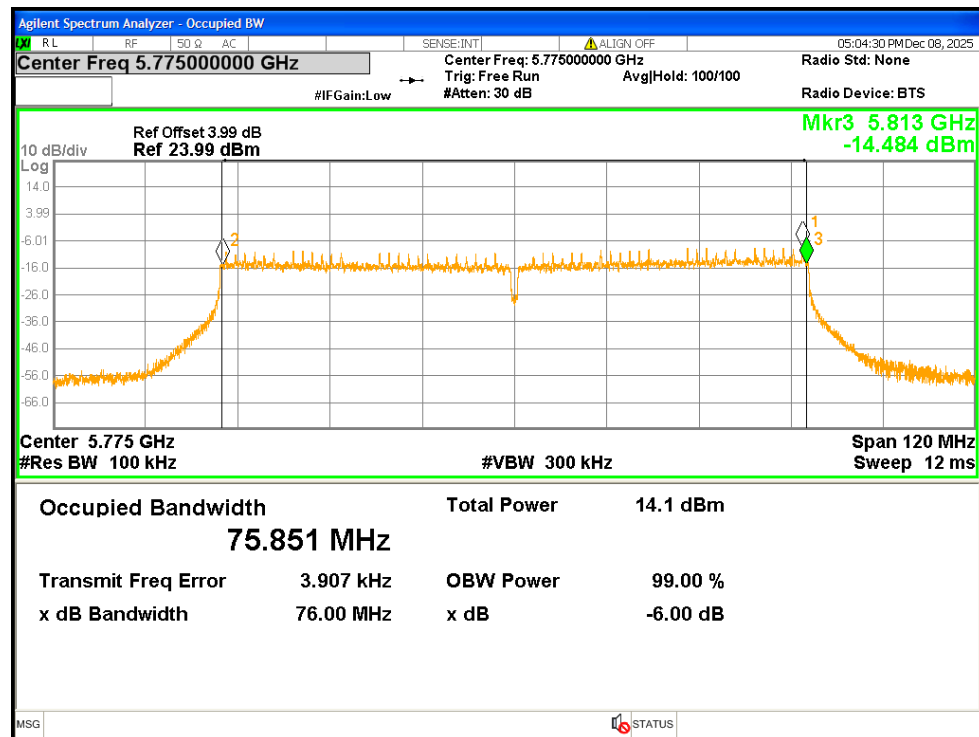
-6dB Bandwidth NVNT ac40 5795MHz Ant1



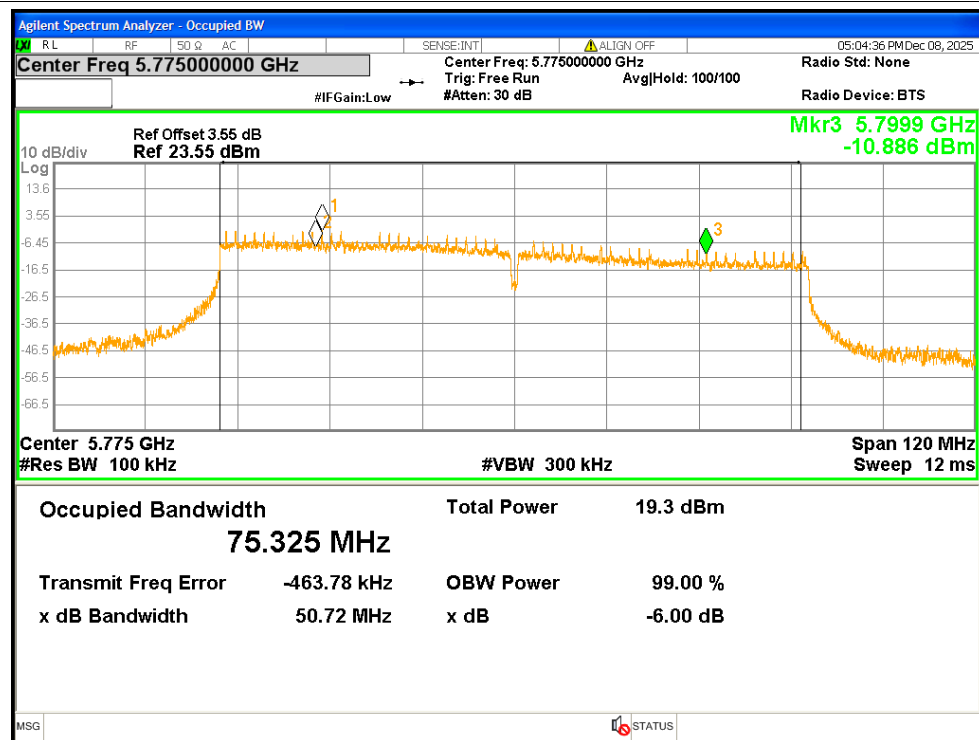
-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant1

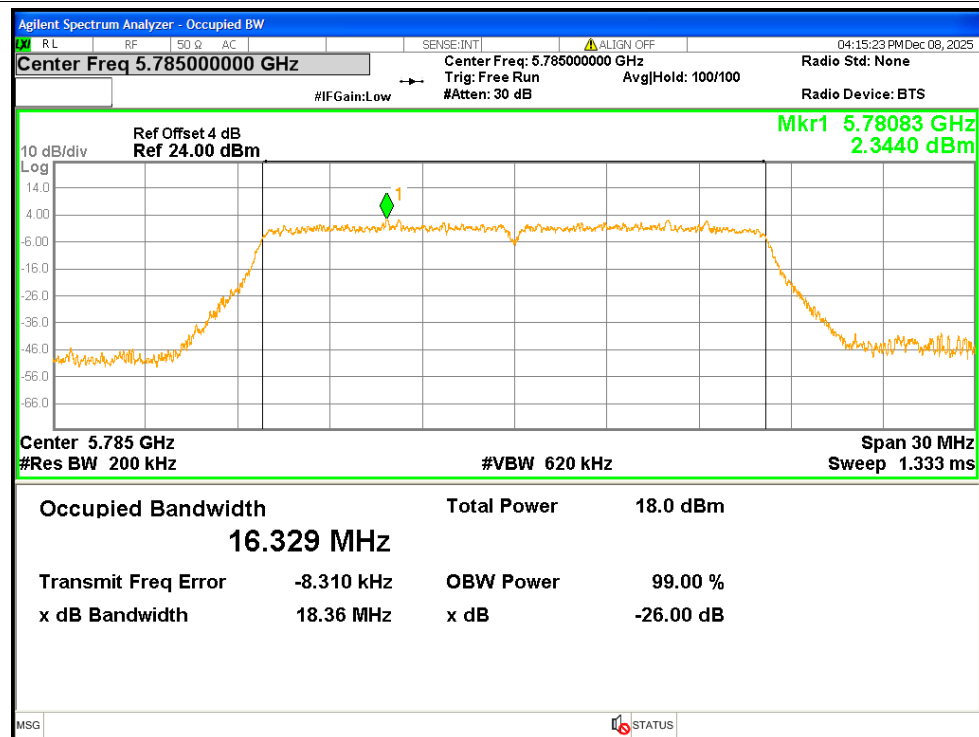


-6dB Bandwidth NVNT ac80 5775MHz Ant2

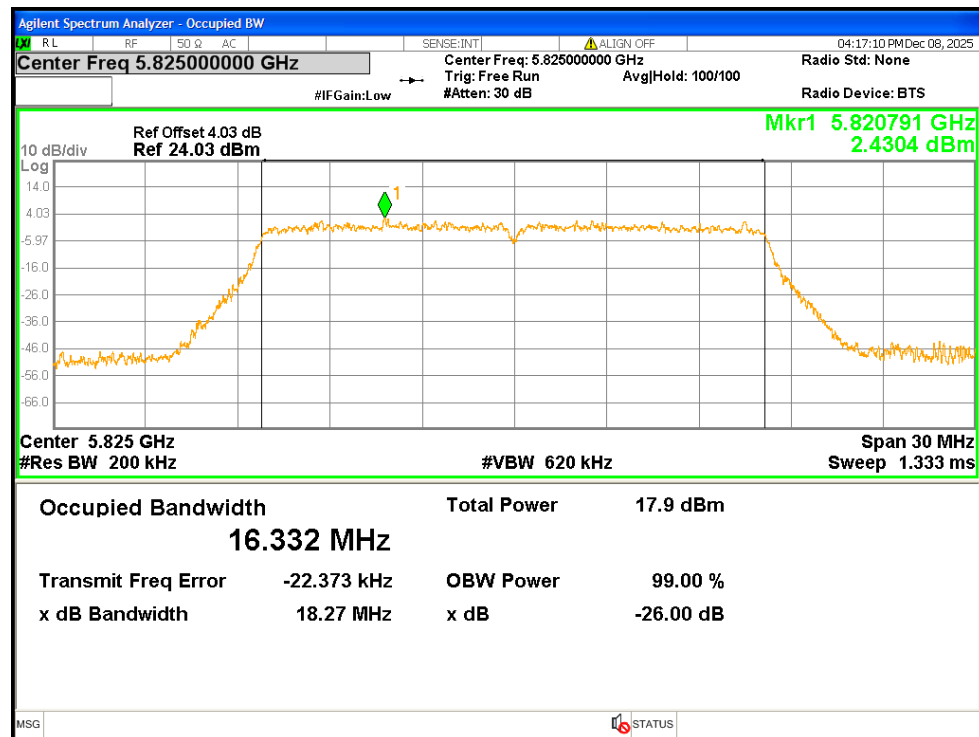


Occupied Channel Bandwidth

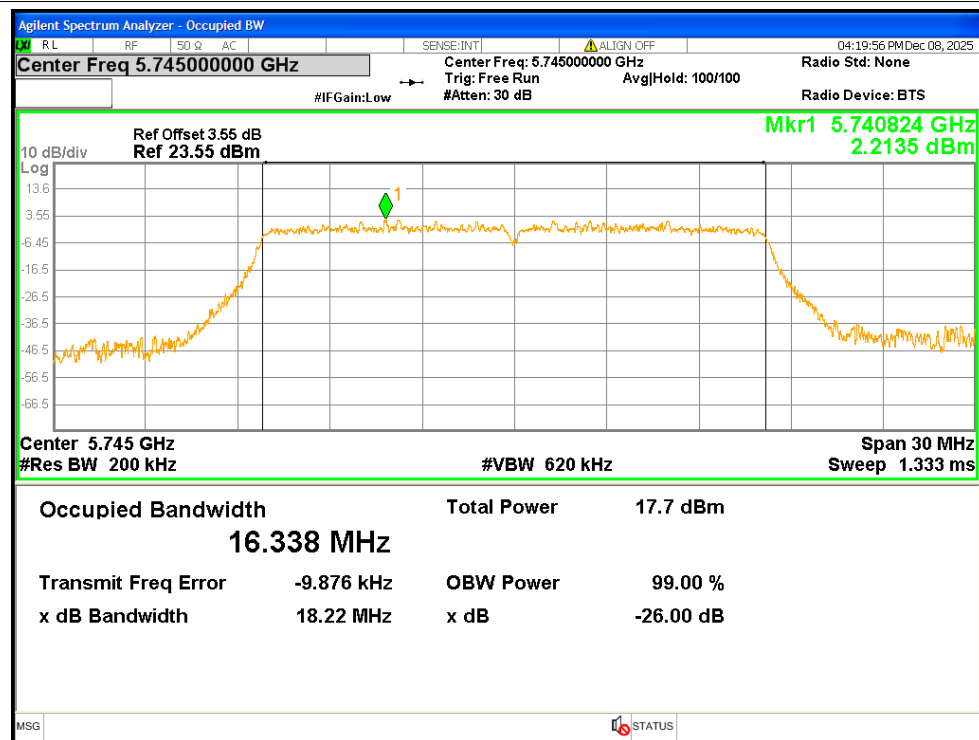
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.333
NVNT	a	5785	Ant1	16.329
NVNT	a	5825	Ant1	16.332
NVNT	a	5745	Ant2	16.338
NVNT	a	5785	Ant2	16.334
NVNT	a	5825	Ant2	16.315
NVNT	n20	5745	Ant1	17.513
NVNT	n20	5745	Ant2	17.531
NVNT	n20	5785	Ant1	17.509
NVNT	n20	5785	Ant2	17.521
NVNT	n20	5825	Ant1	17.508
NVNT	n20	5825	Ant2	17.578
NVNT	n40	5755	Ant1	35.998
NVNT	n40	5755	Ant2	36.047
NVNT	n40	5795	Ant1	36.021
NVNT	n40	5795	Ant2	36.019
NVNT	ac20	5745	Ant1	17.517
NVNT	ac20	5745	Ant2	17.522
NVNT	ac20	5785	Ant1	17.512
NVNT	ac20	5785	Ant2	17.518
NVNT	ac20	5825	Ant1	17.508
NVNT	ac20	5825	Ant2	17.509
NVNT	ac40	5755	Ant1	36.073
NVNT	ac40	5755	Ant2	36.015
NVNT	ac40	5795	Ant1	36.082
NVNT	ac40	5795	Ant2	36.106
NVNT	ac80	5775	Ant1	76.147
NVNT	ac80	5775	Ant2	75.579



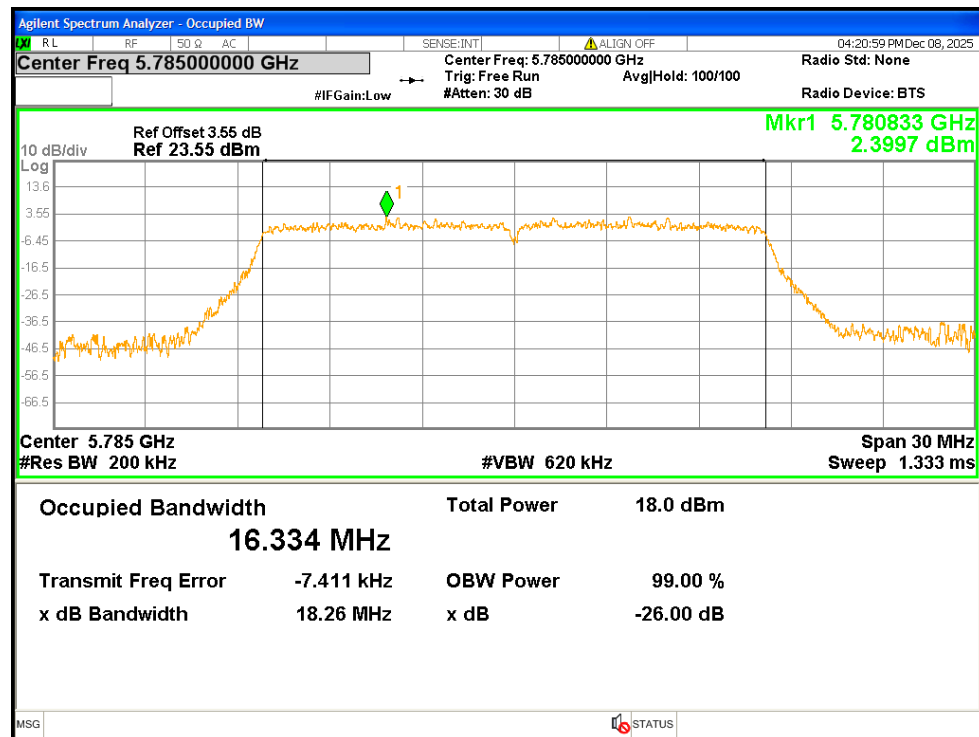
OBW NVNT a 5825MHz Ant1



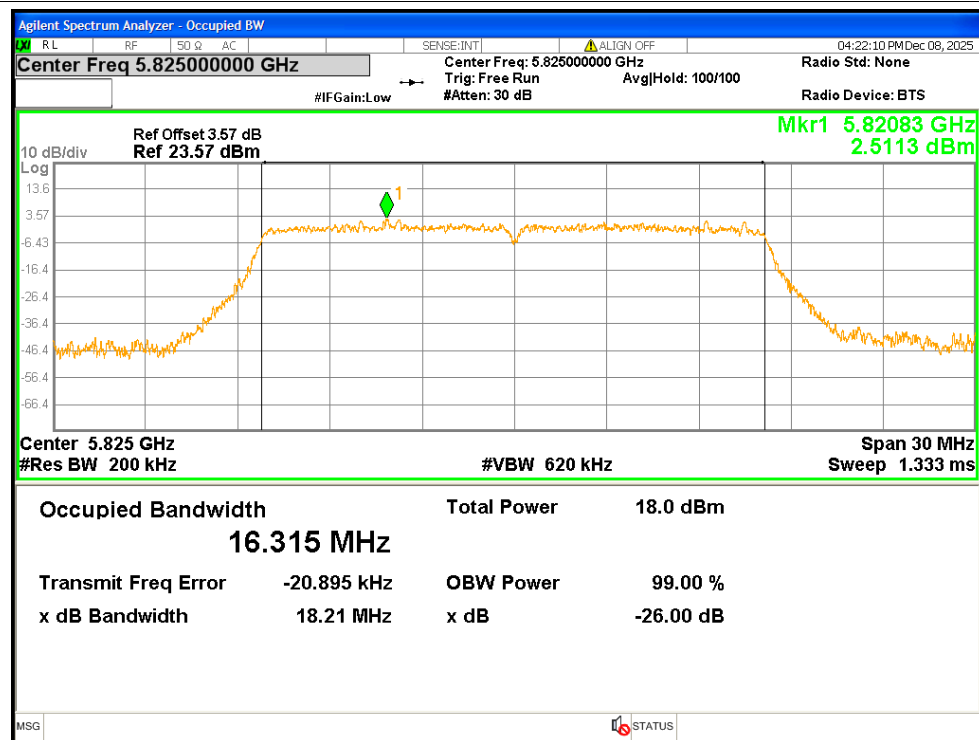
OBW NVNT a 5745MHz Ant2



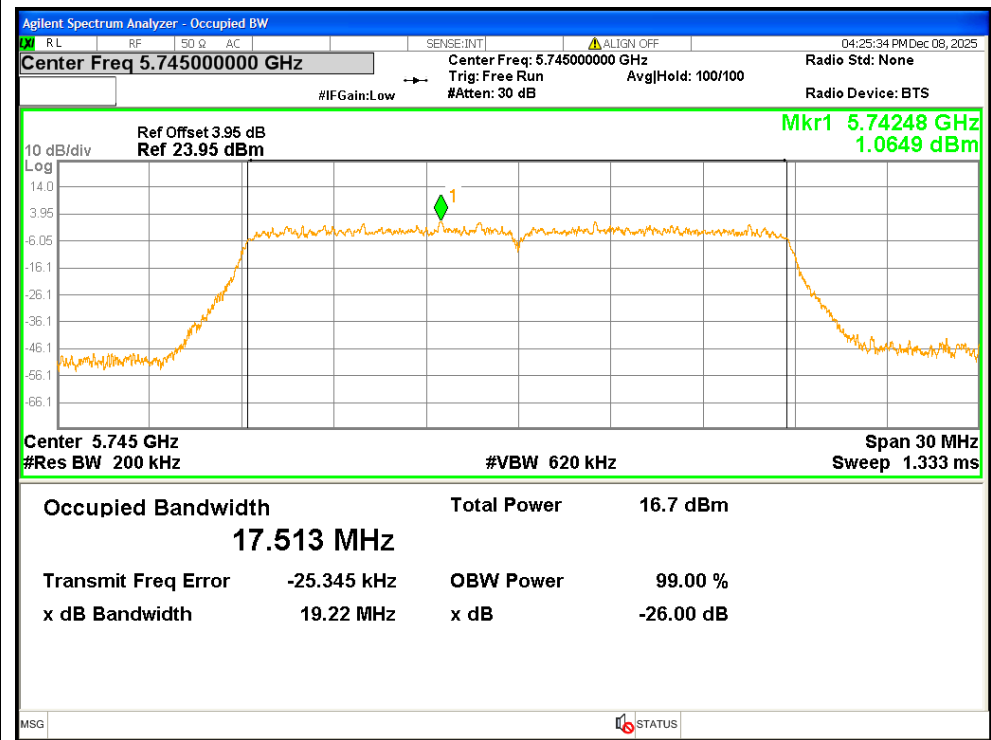
OBW NVNT a 5785MHz Ant2



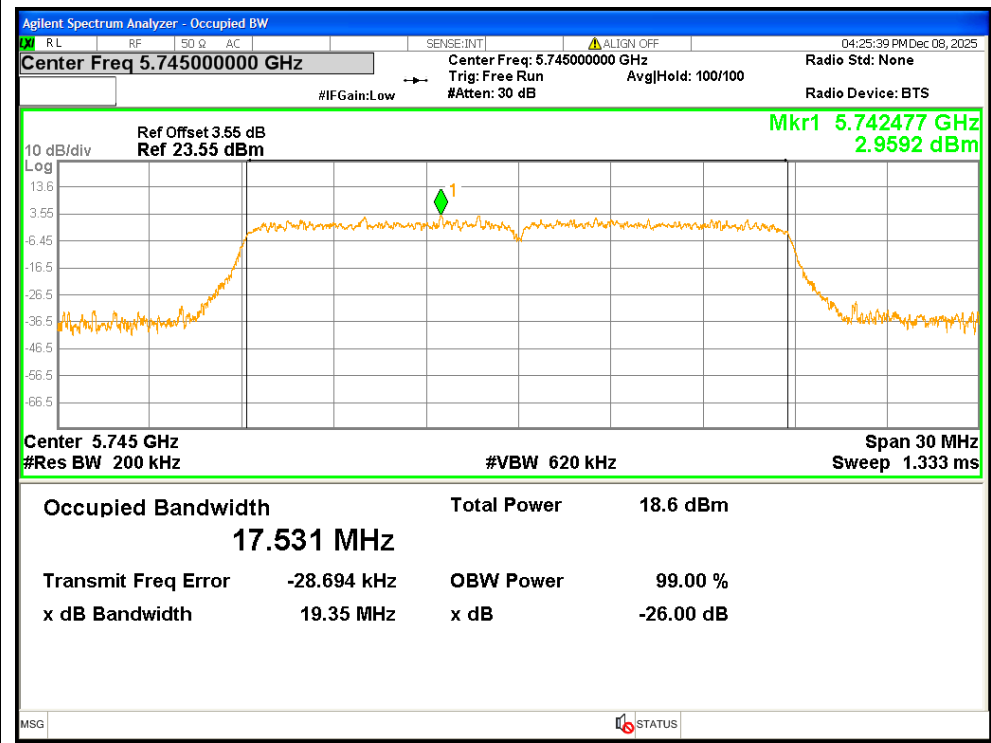
OBW NVNT a 5825MHz Ant2



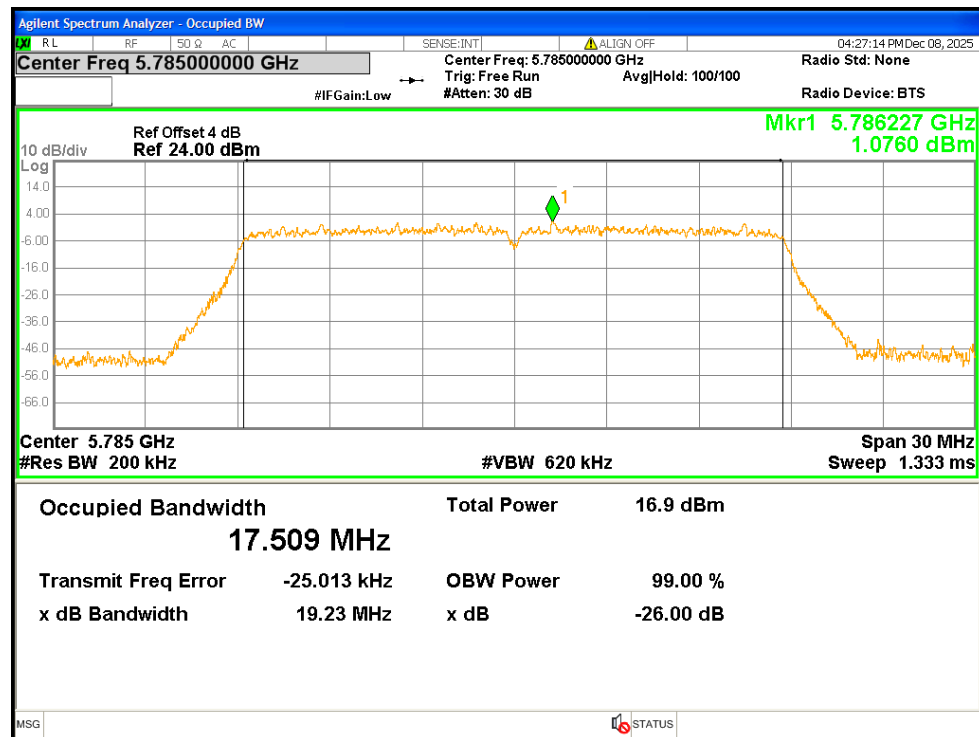
OBW NVNT n20 5745MHz Ant1



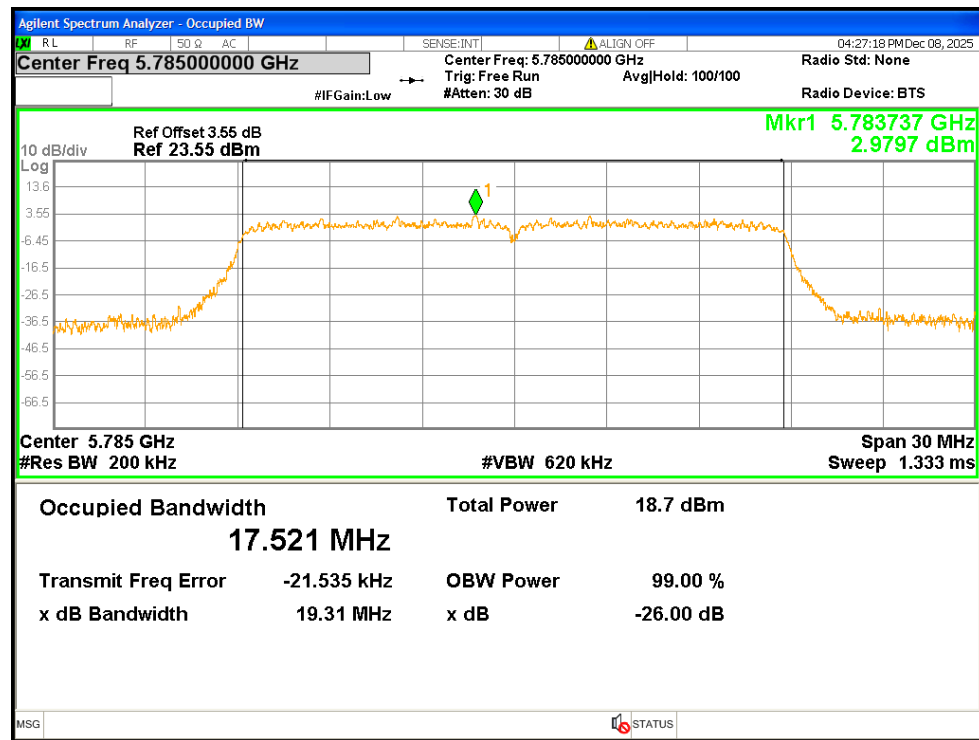
OBW NVNT n20 5745MHz Ant2



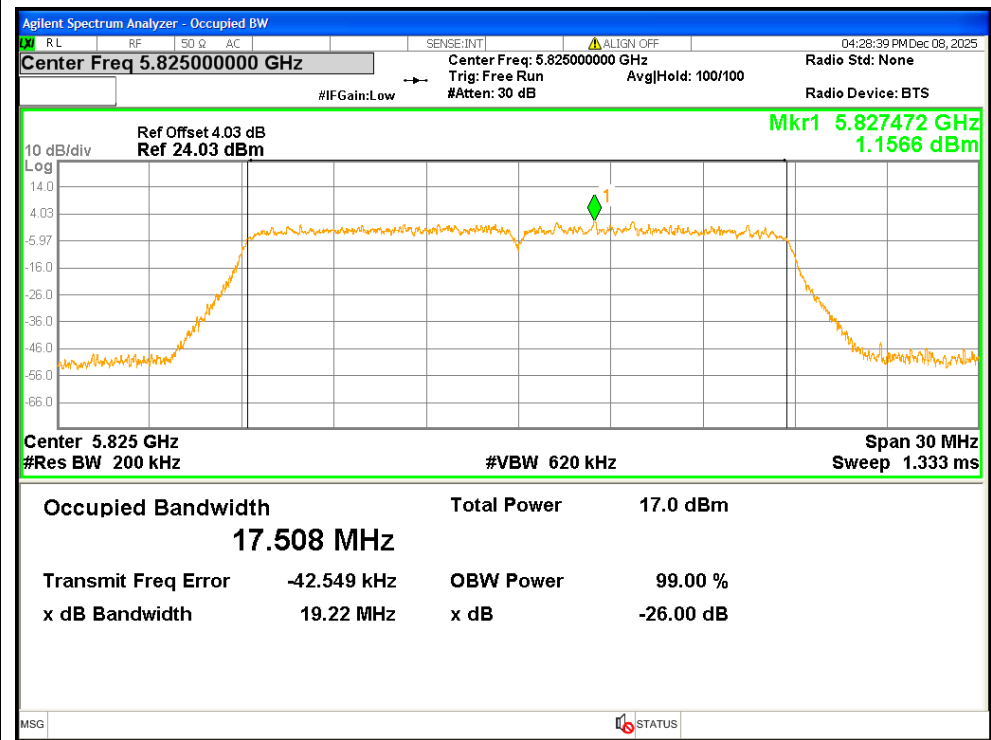
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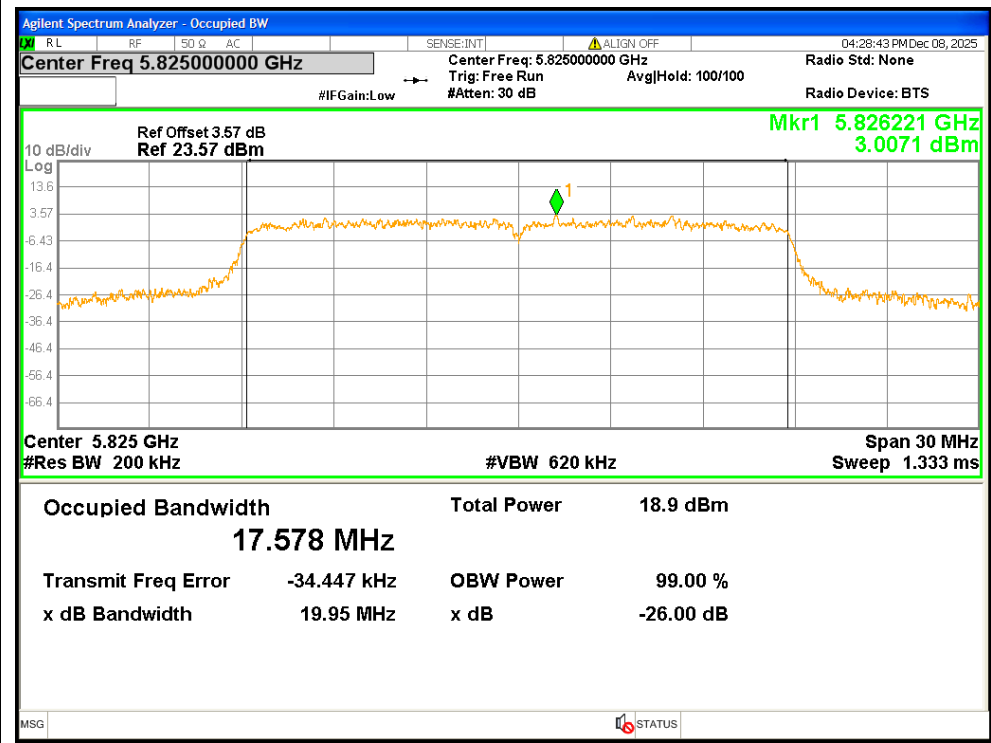
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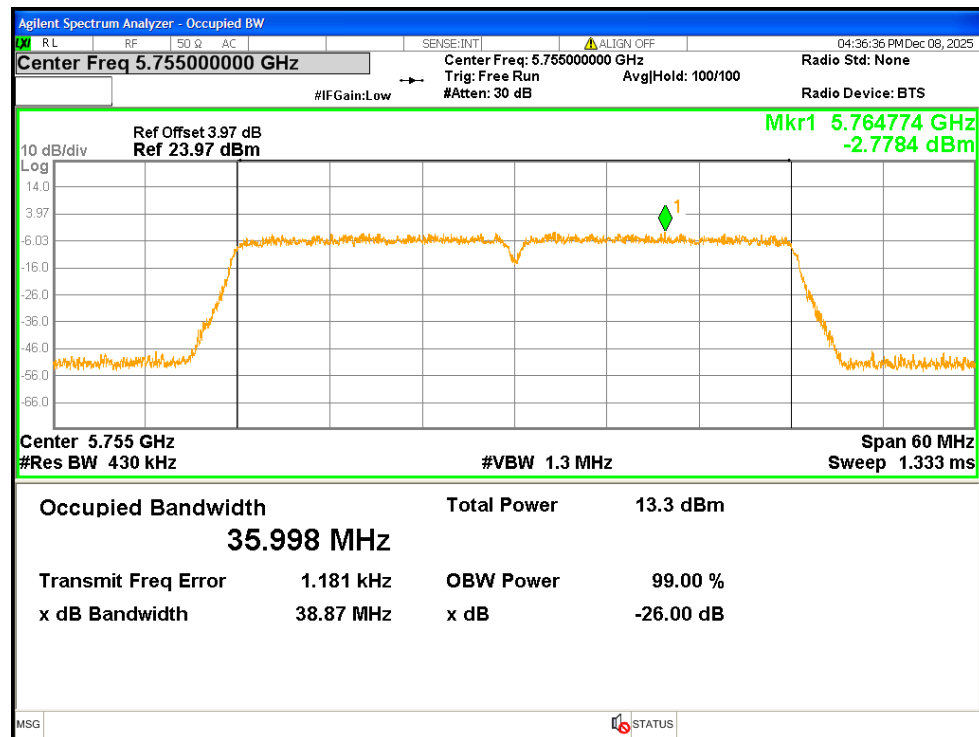
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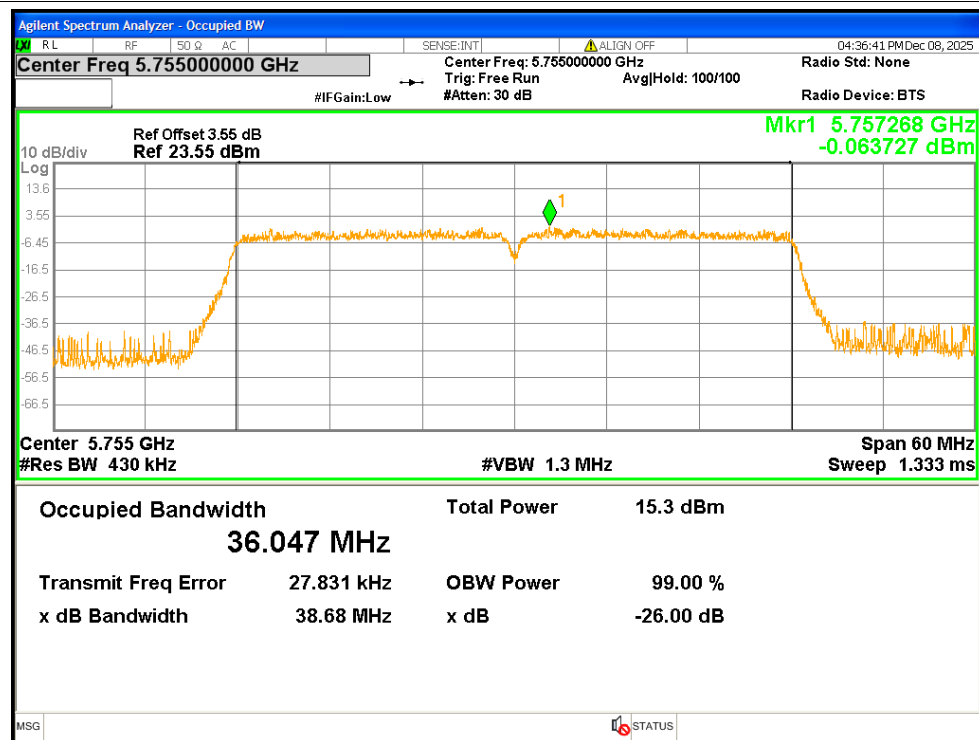
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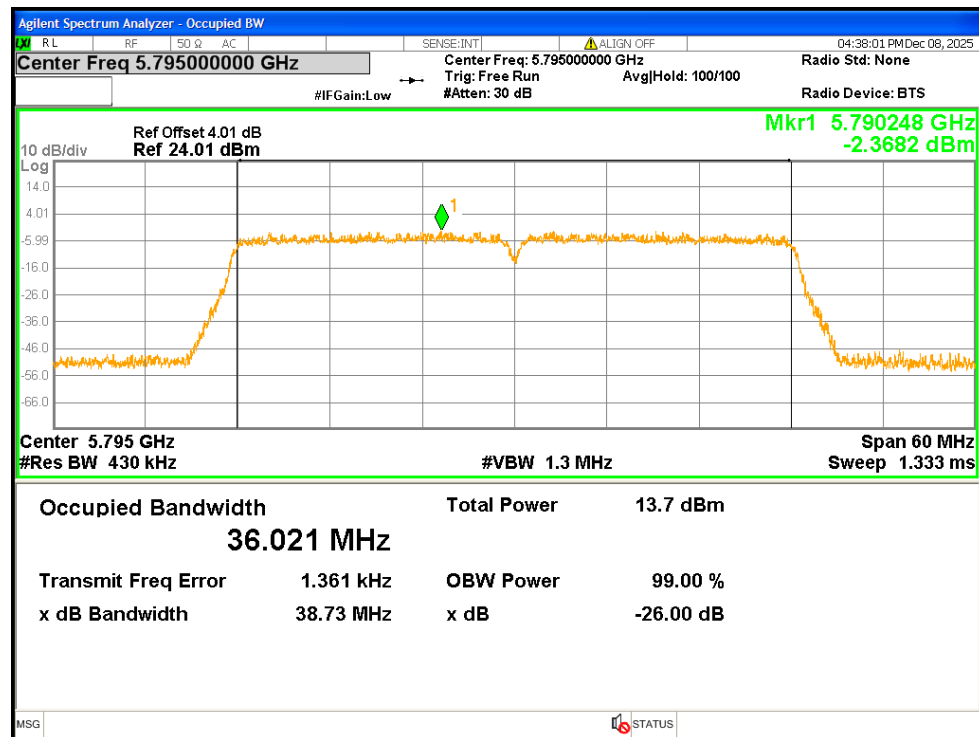
OBW NVNT n40 5755MHz Ant1



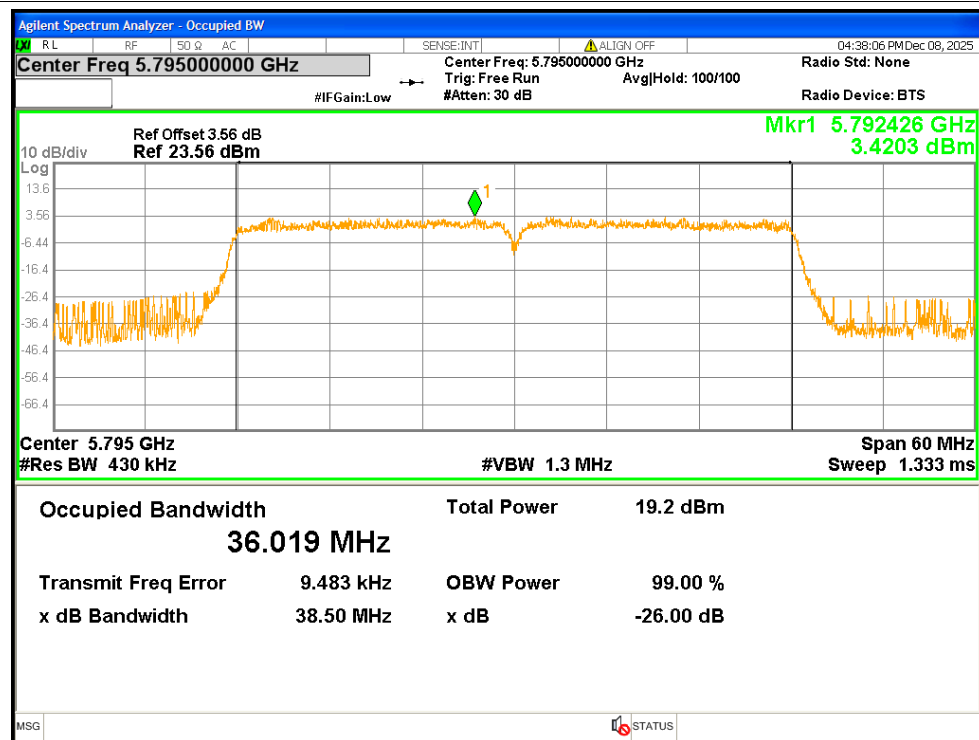
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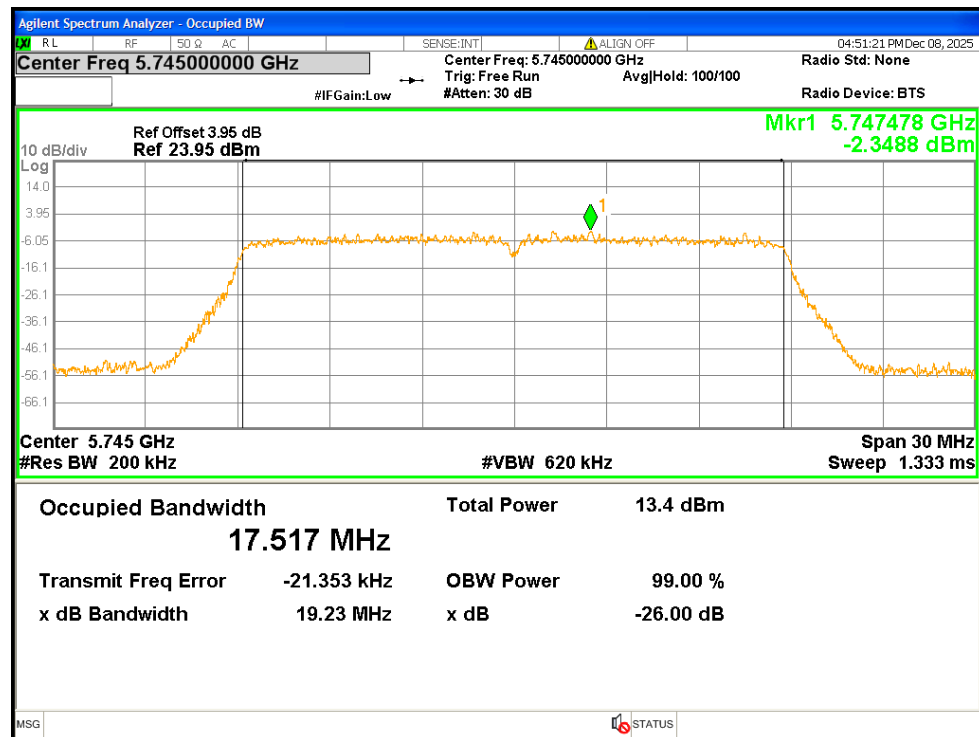
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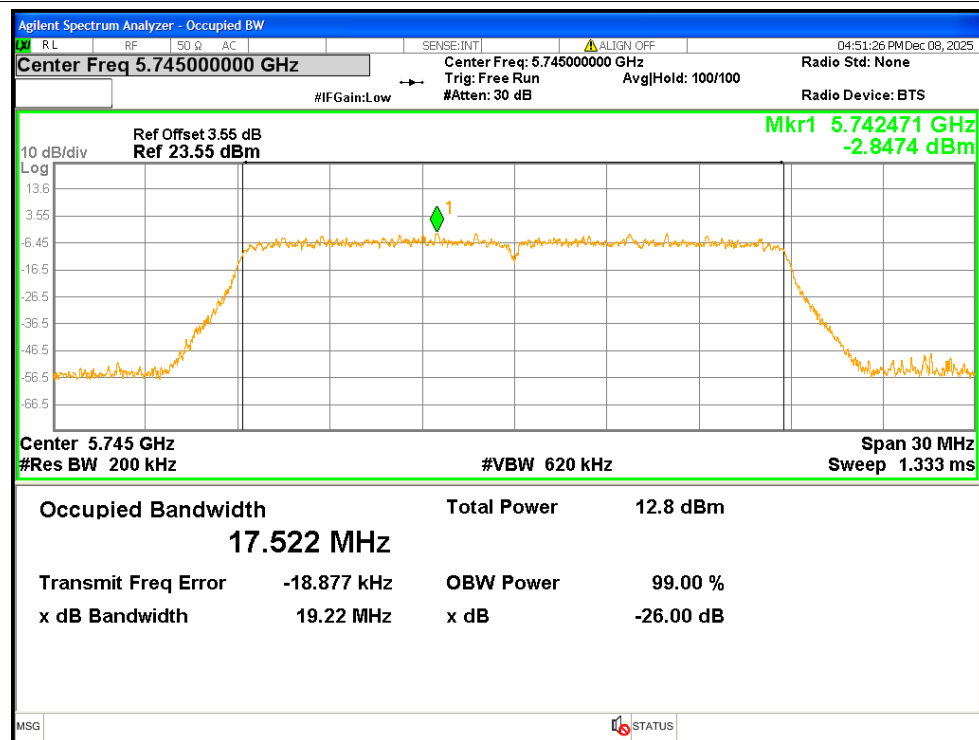
OBW NVNT n40 5795MHz Ant2



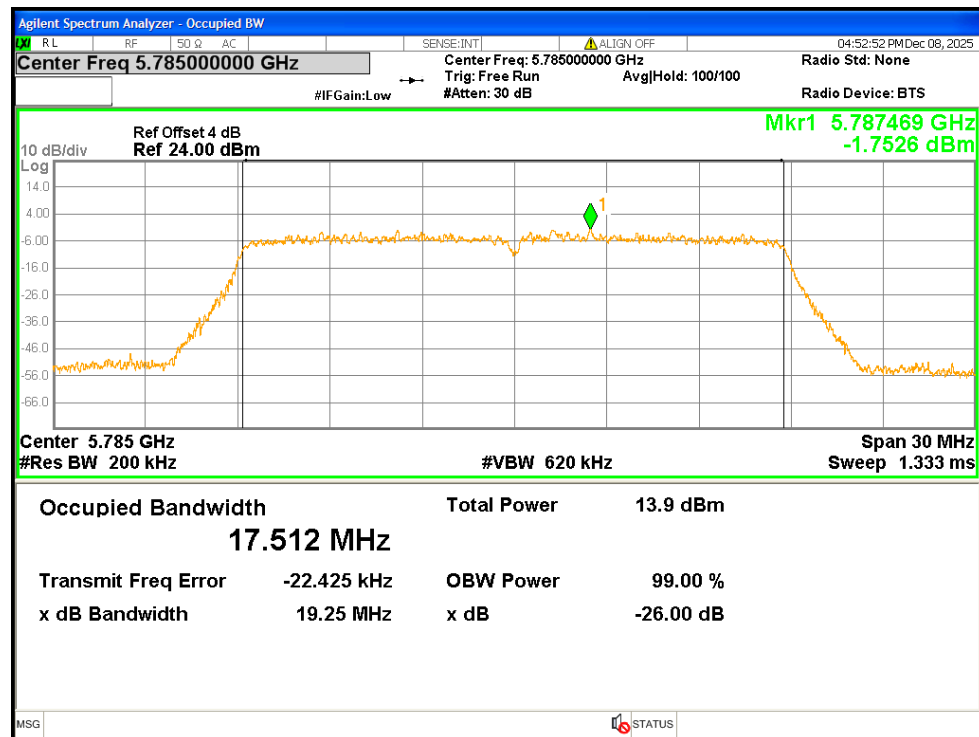
OBW NVNT ac20 5745MHz Ant1



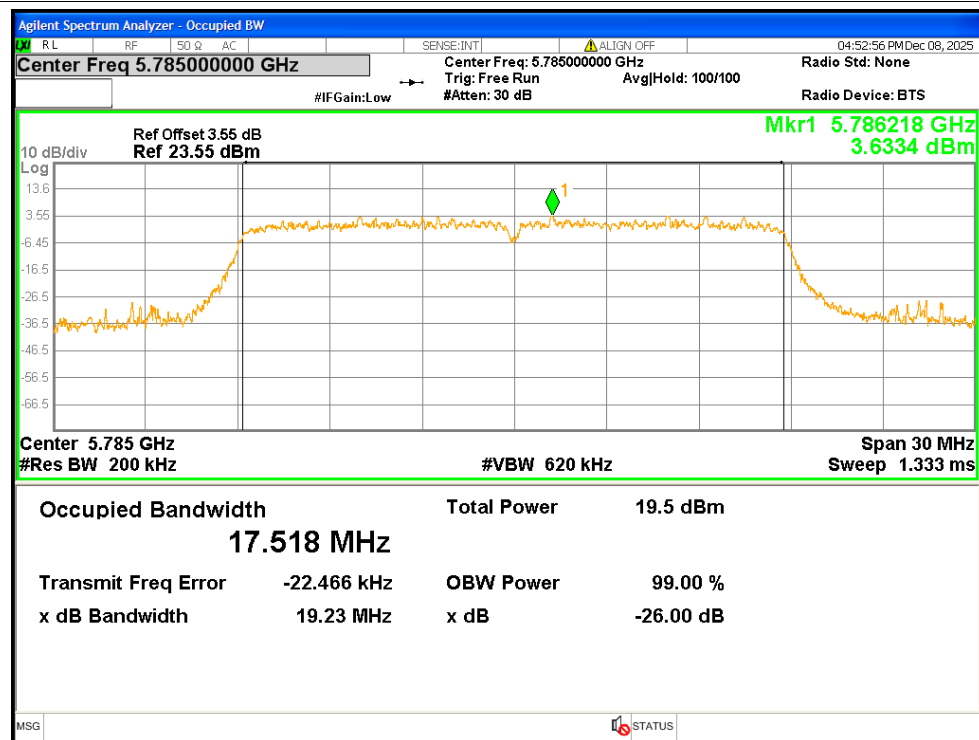
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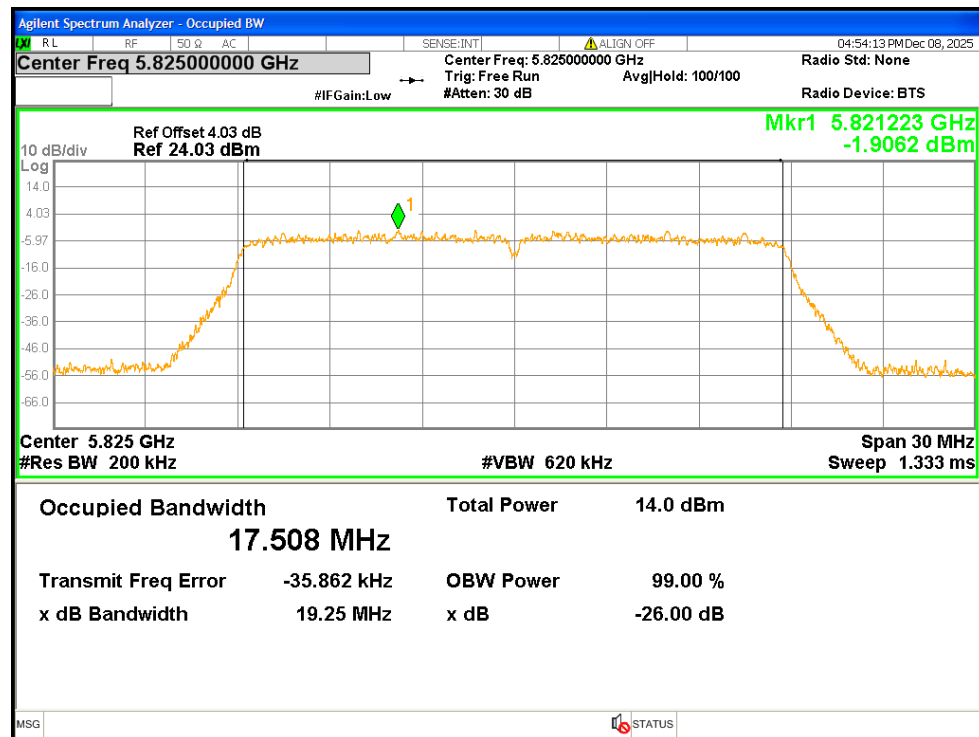
OBW NVNT ac20 5785MHz Ant1



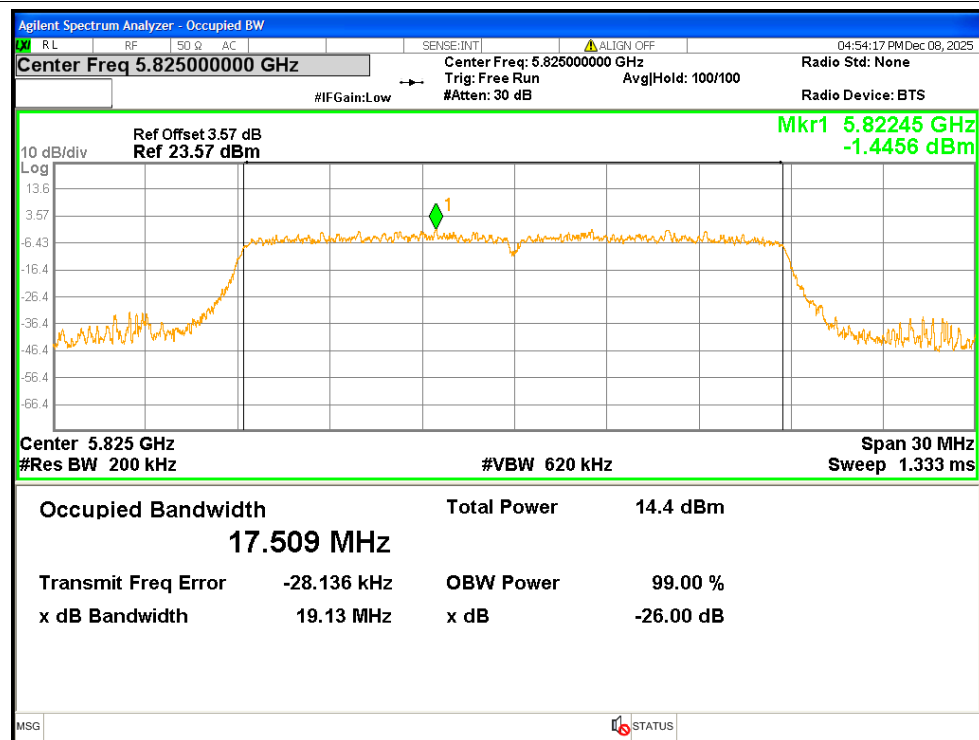
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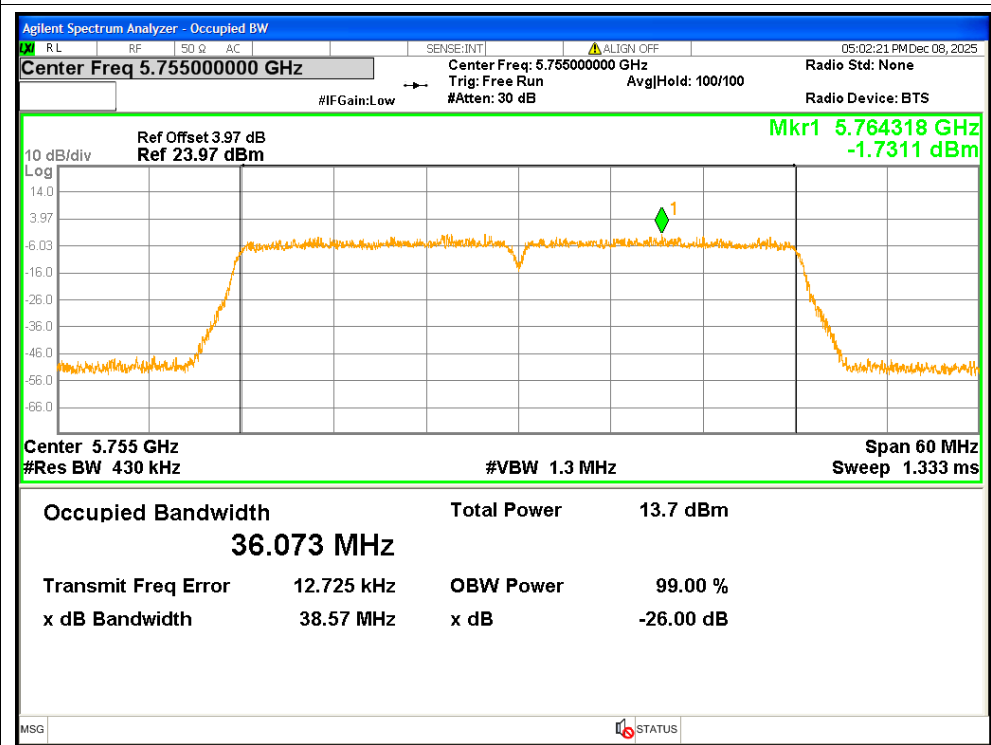
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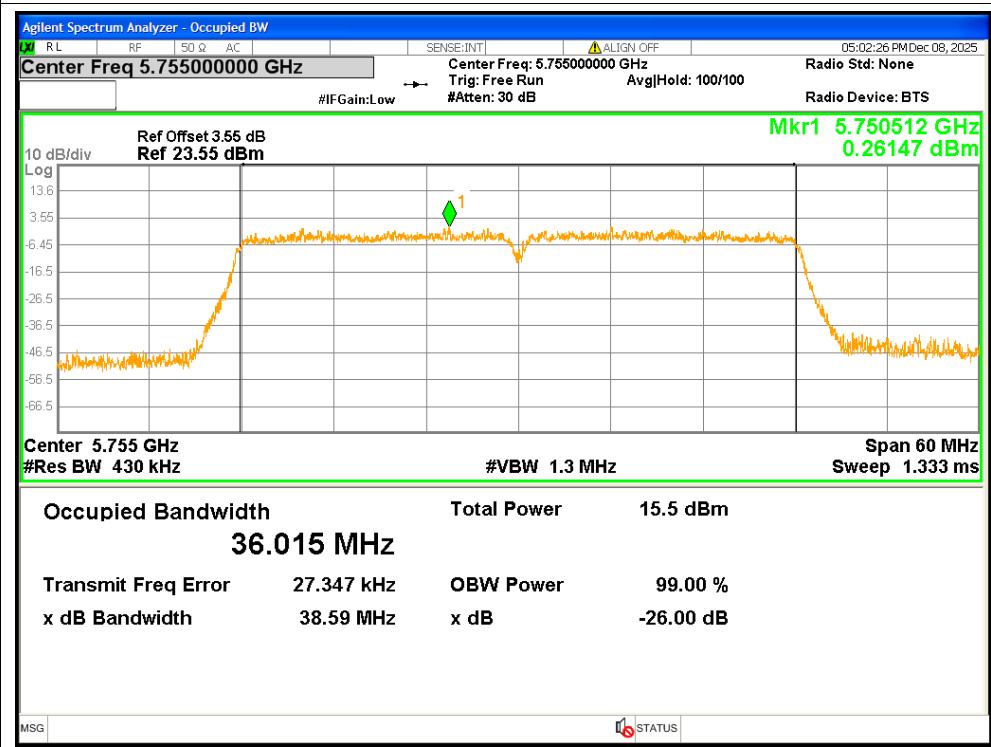
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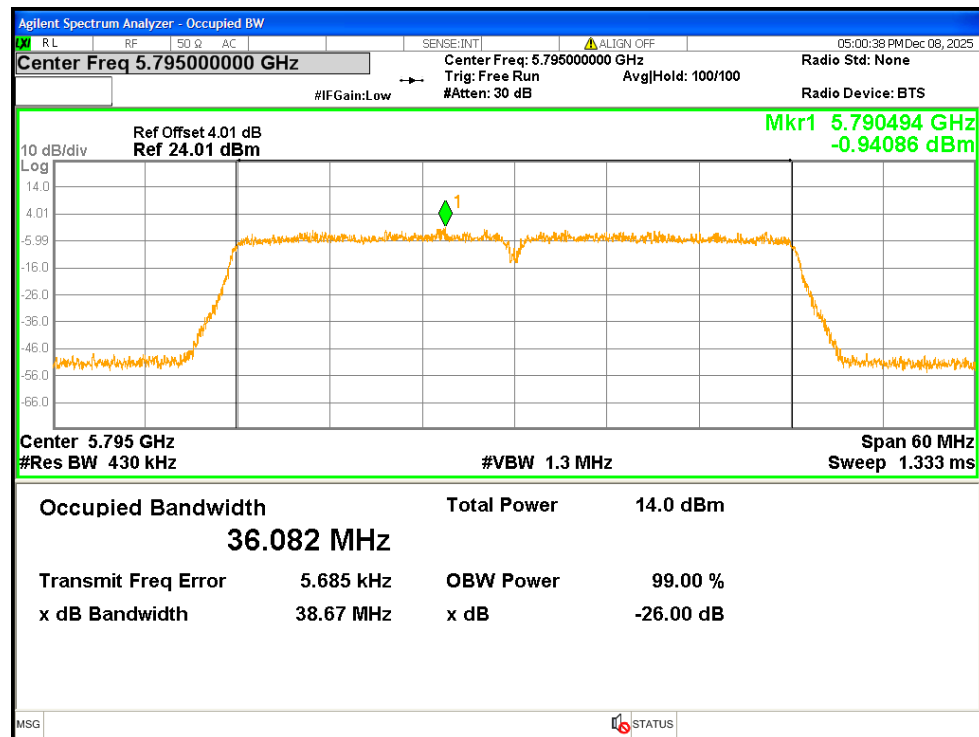
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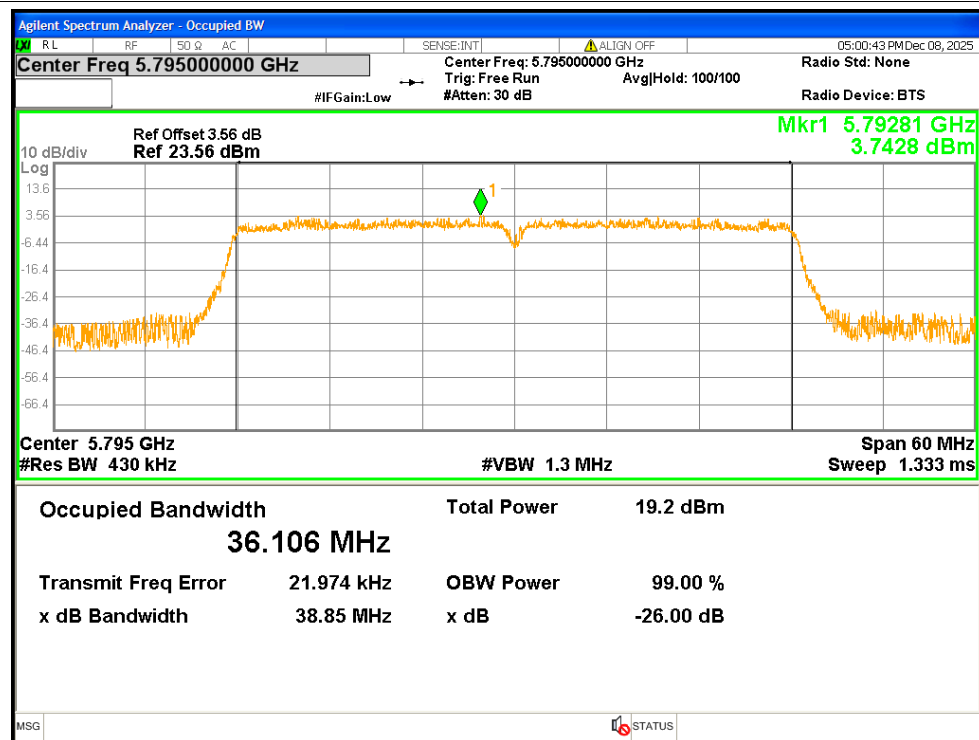
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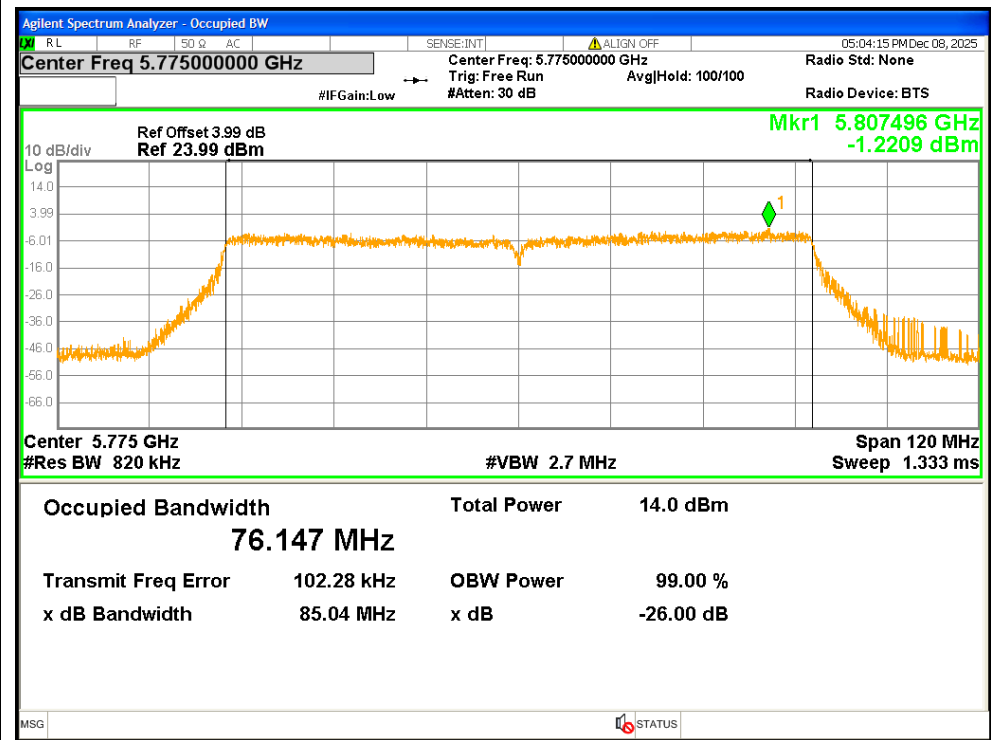
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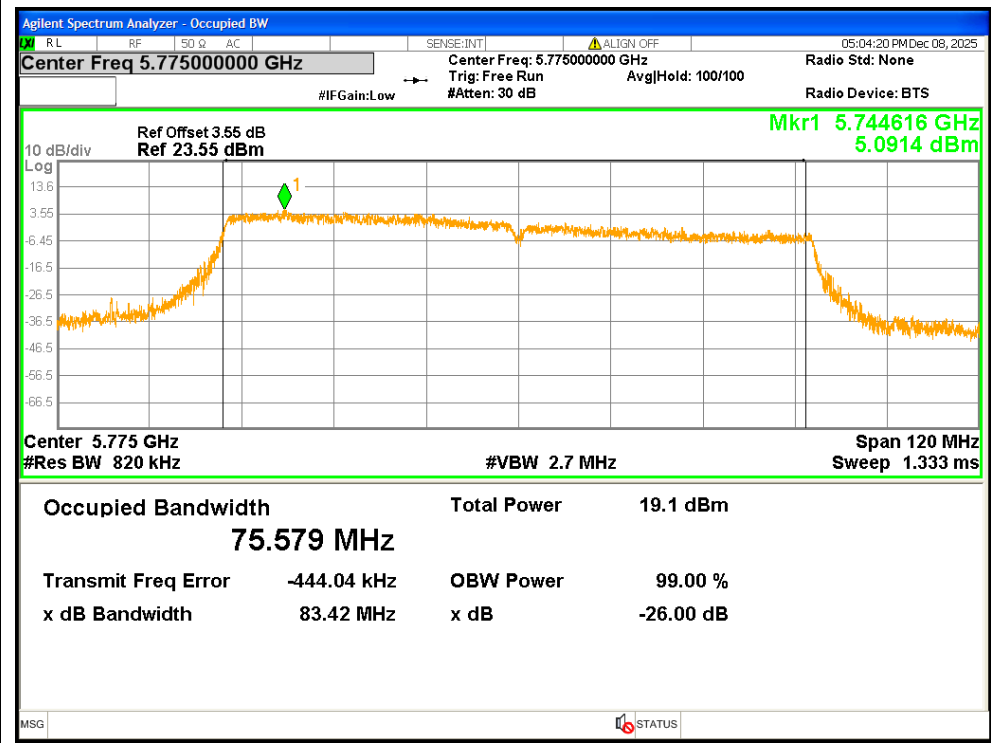
OBW NVNT ac40 5795MHz Ant2



OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2



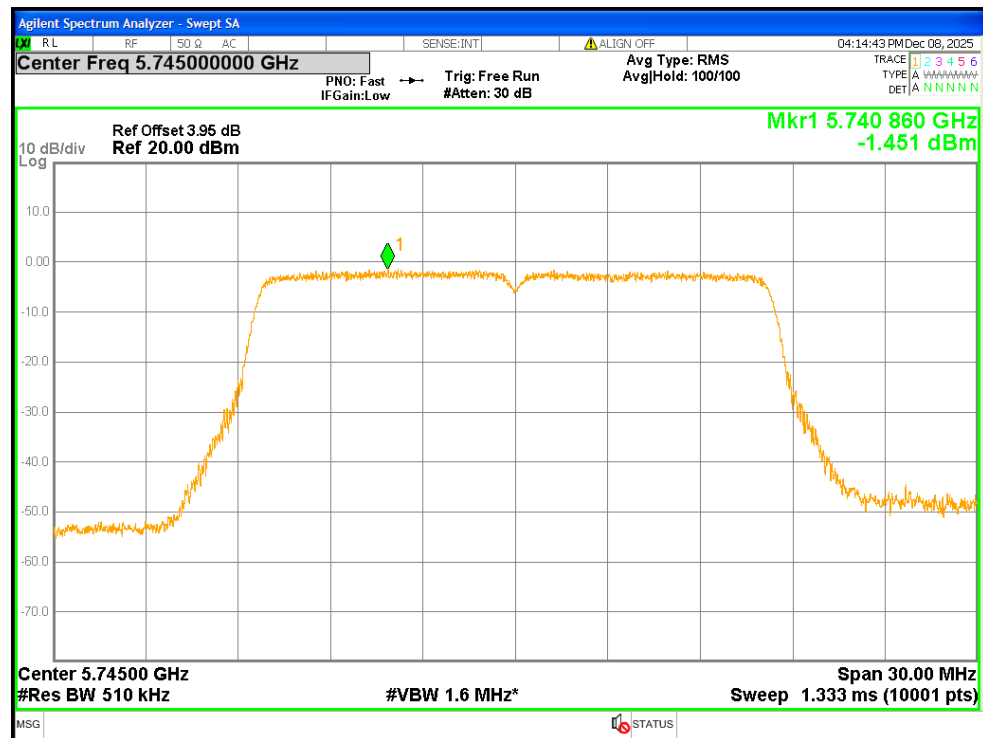
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/510kHz)	Duty Factor (dB)	Total PSD (dBm/510kHz)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	Ant1	-1.451	0.33	-1.121	-1.21	<=30	Pass
NVNT	a	5785	Ant1	-0.989	0.33	-0.659	-0.75	<=30	Pass
NVNT	a	5825	Ant1	-1.08	0.32	-0.76	-0.85	<=30	Pass
NVNT	a	5745	Ant2	-1.438	0.32	-1.118	-1.2	<=30	Pass
NVNT	a	5785	Ant2	-1.02	0.32	-0.7	-0.79	<=30	Pass
NVNT	a	5825	Ant2	-1.311	0.33	-0.981	-1.07	<=30	Pass
NVNT	n20	5745	Ant1	-2.775	0.38	-2.395	-2.48	<=30	Pass
NVNT	n20	5745	Ant2	-0.819	0.38	-0.439	-0.53	<=30	Pass
NVNT	n20	5745	MIMO	1.323	0.38	1.703	1.62	<=30	Pass
NVNT	n20	5785	Ant1	-2.874	0.38	-2.494	-2.58	<=30	Pass
NVNT	n20	5785	Ant2	-0.915	0.38	-0.535	-0.62	<=30	Pass
NVNT	n20	5785	MIMO	1.225	0.38	1.605	1.52	<=30	Pass
NVNT	n20	5825	Ant1	-1.998	0.38	-1.618	-1.7	<=30	Pass
NVNT	n20	5825	Ant2	-0.583	0.38	-0.203	-0.29	<=30	Pass
NVNT	n20	5825	MIMO	1.777	0.38	2.157	2.07	<=30	Pass
NVNT	n40	5755	Ant1	-9.474	0.72	-8.754	-8.84	<=30	Pass
NVNT	n40	5755	Ant2	-7.18	0.72	-6.46	-6.55	<=30	Pass
NVNT	n40	5755	MIMO	-5.167	0.72	-4.447	-4.53	<=30	Pass
NVNT	n40	5795	Ant1	-9.271	0.72	-8.551	-8.64	<=30	Pass
NVNT	n40	5795	Ant2	-3.571	0.72	-2.851	-2.94	<=30	Pass
NVNT	n40	5795	MIMO	-2.536	0.72	-1.816	-1.9	<=30	Pass
NVNT	ac20	5745	Ant1	-5.78	0.37	-5.41	-5.5	<=30	Pass
NVNT	ac20	5745	Ant2	-6.553	0.37	-6.183	-6.27	<=30	Pass
NVNT	ac20	5745	MIMO	-3.139	0.37	-2.769	-2.86	<=30	Pass
NVNT	ac20	5785	Ant1	-5.525	0.37	-5.155	-5.24	<=30	Pass
NVNT	ac20	5785	Ant2	-0.029	0.37	0.341	0.25	<=30	Pass
NVNT	ac20	5785	MIMO	1.05	0.37	1.42	1.33	<=30	Pass
NVNT	ac20	5825	Ant1	-5.22	0.37	-4.85	-4.94	<=30	Pass
NVNT	ac20	5825	Ant2	-4.965	0.37	-4.595	-4.68	<=30	Pass
NVNT	ac20	5825	MIMO	-2.08	0.37	-1.71	-1.8	<=30	Pass
NVNT	ac40	5755	Ant1	-9.267	0.72	-8.547	-8.63	<=30	Pass
NVNT	ac40	5755	Ant2	-7.529	0.72	-6.809	-6.9	<=30	Pass
NVNT	ac40	5755	MIMO	-5.301	0.72	-4.581	-4.67	<=30	Pass
NVNT	ac40	5795	Ant1	-8.747	0.72	-8.027	-8.11	<=30	Pass
NVNT	ac40	5795	Ant2	-3.703	0.72	-2.983	-3.07	<=30	Pass
NVNT	ac40	5795	MIMO	-2.52	0.72	-1.8	-1.89	<=30	Pass
NVNT	ac80	5775	Ant1	-12.735	1.35	-11.385	-11.47	<=30	Pass
NVNT	ac80	5775	Ant2	-6.234	1.35	-4.884	-4.97	<=30	Pass

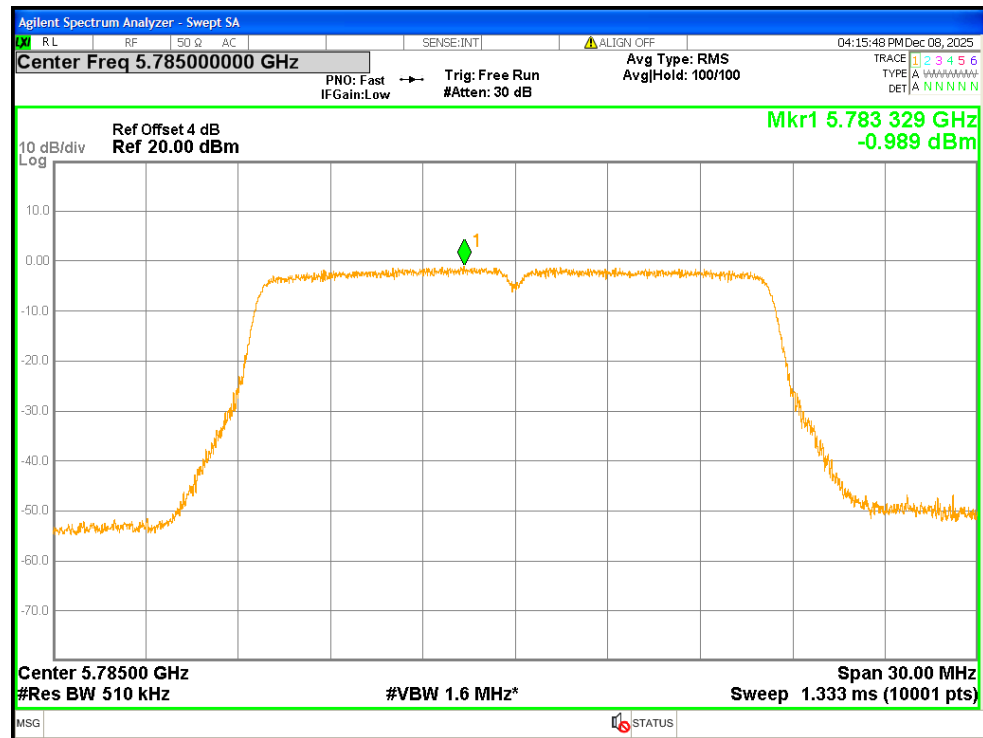
NVNT	ac80	5775	MIMO	-5.357	1.35	-4.007	-4.09	<=30	Pass
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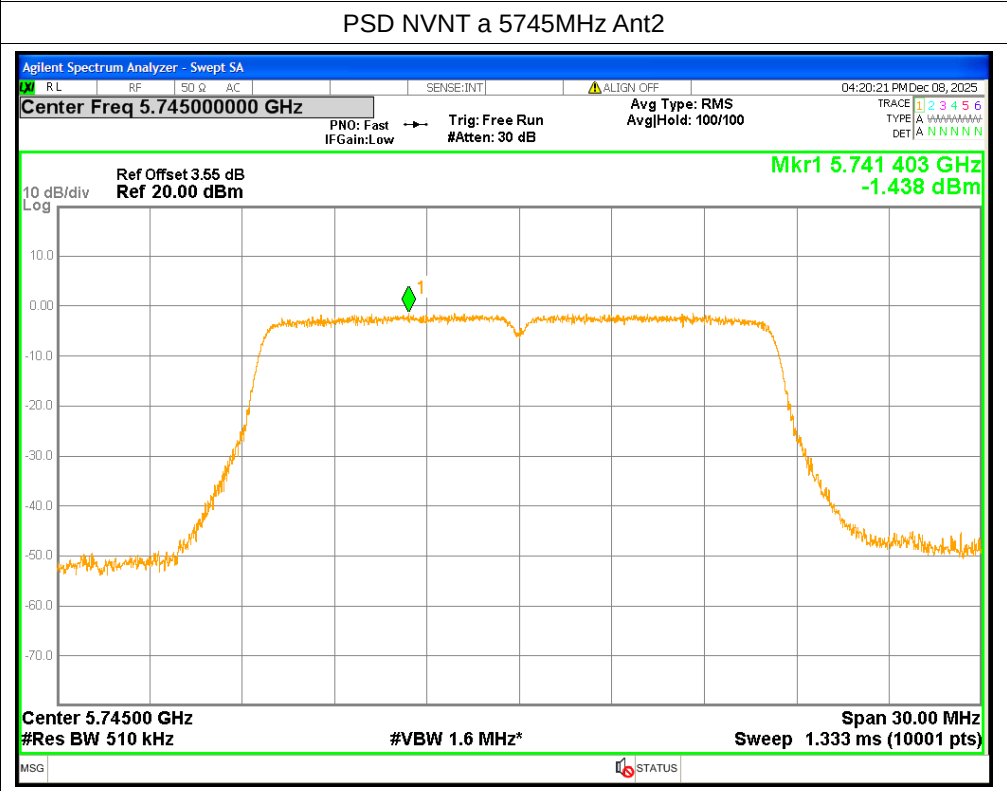
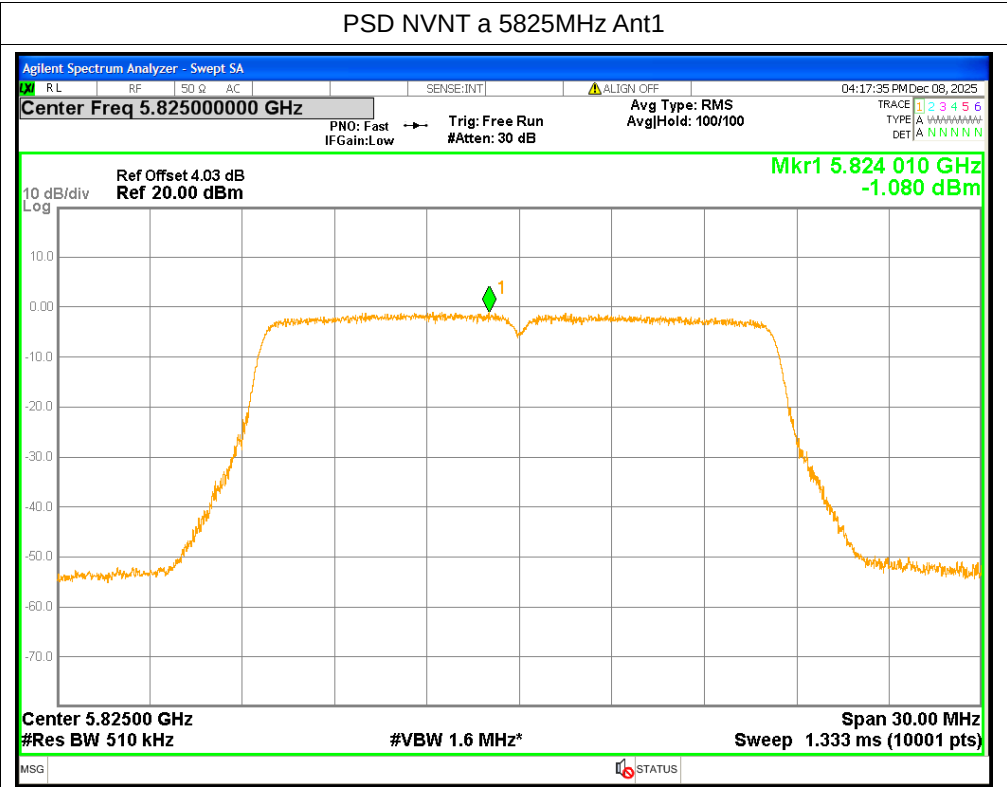
Test Graphs

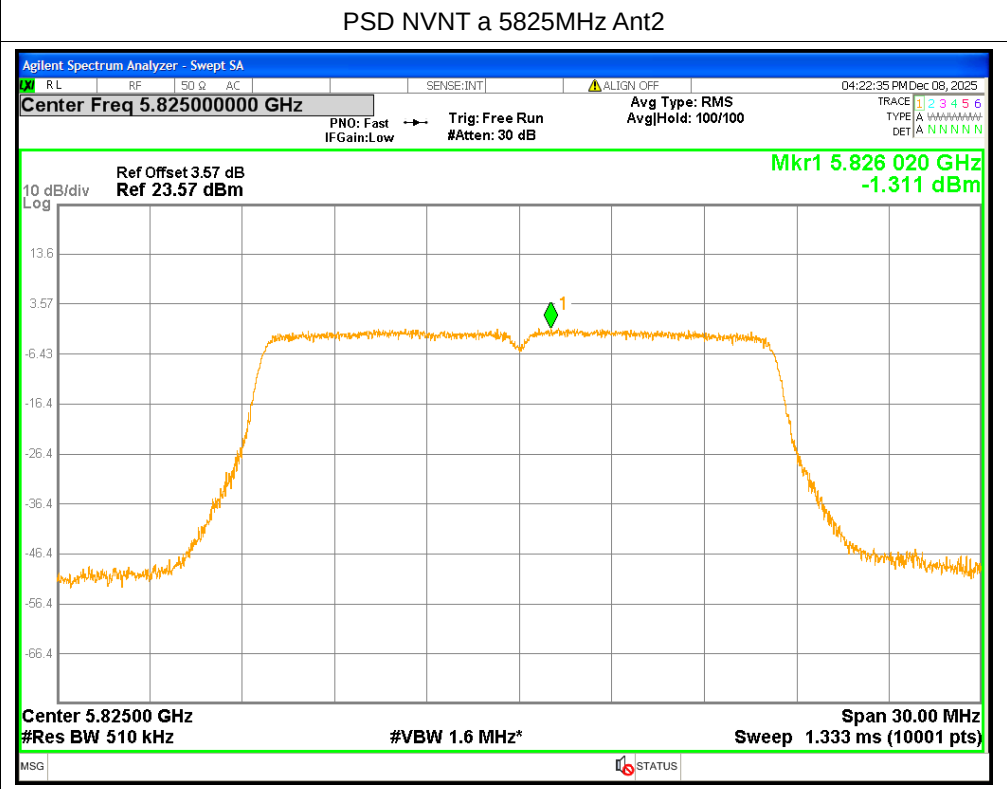
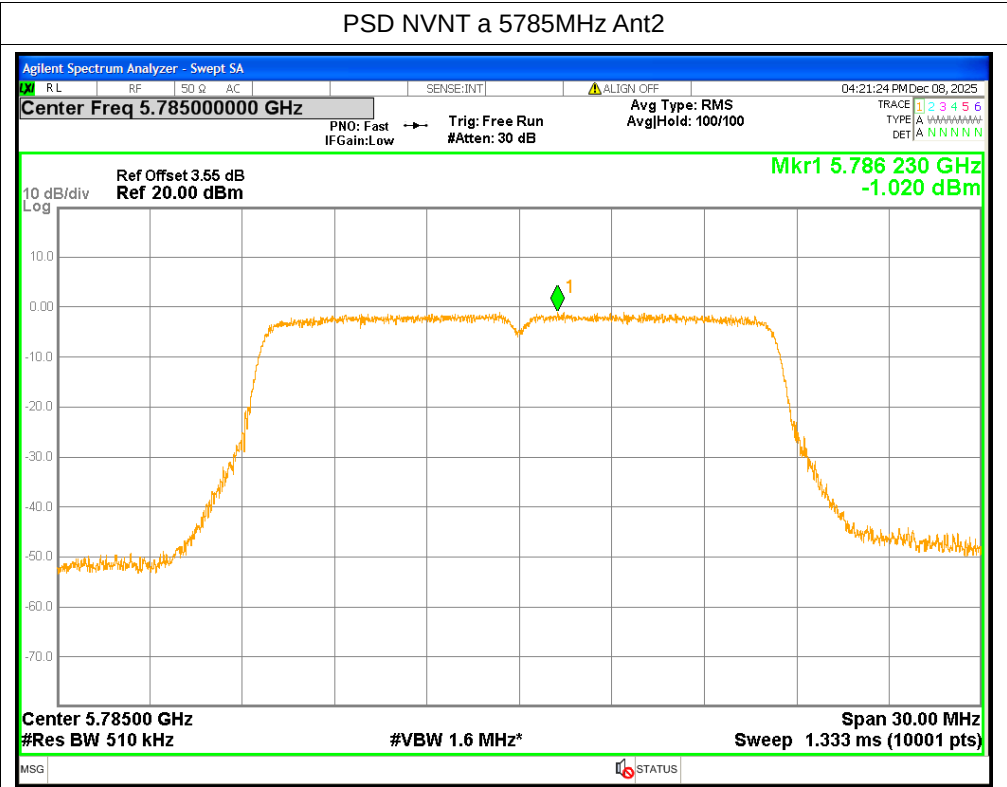
PSD NVNT a 5745MHz Ant1



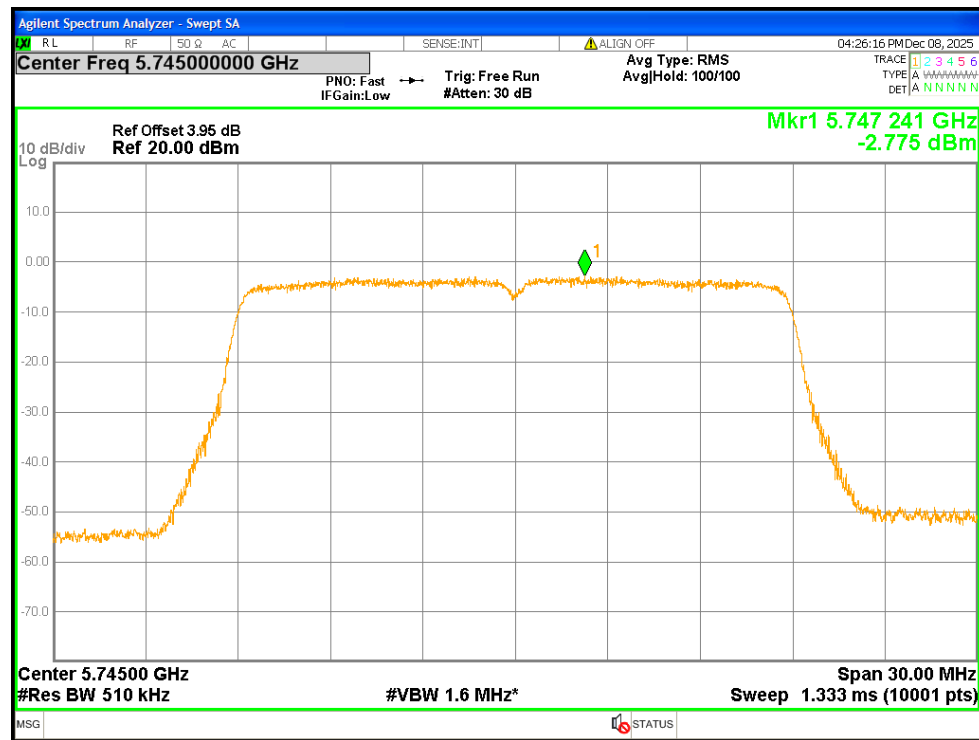
PSD NVNT a 5785MHz Ant1



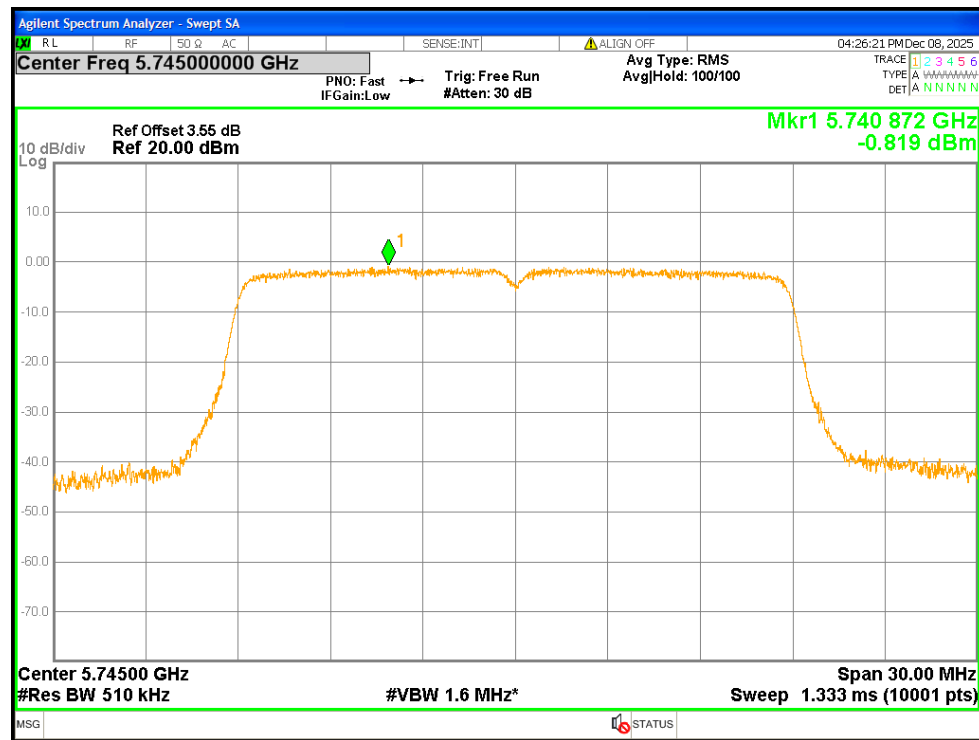




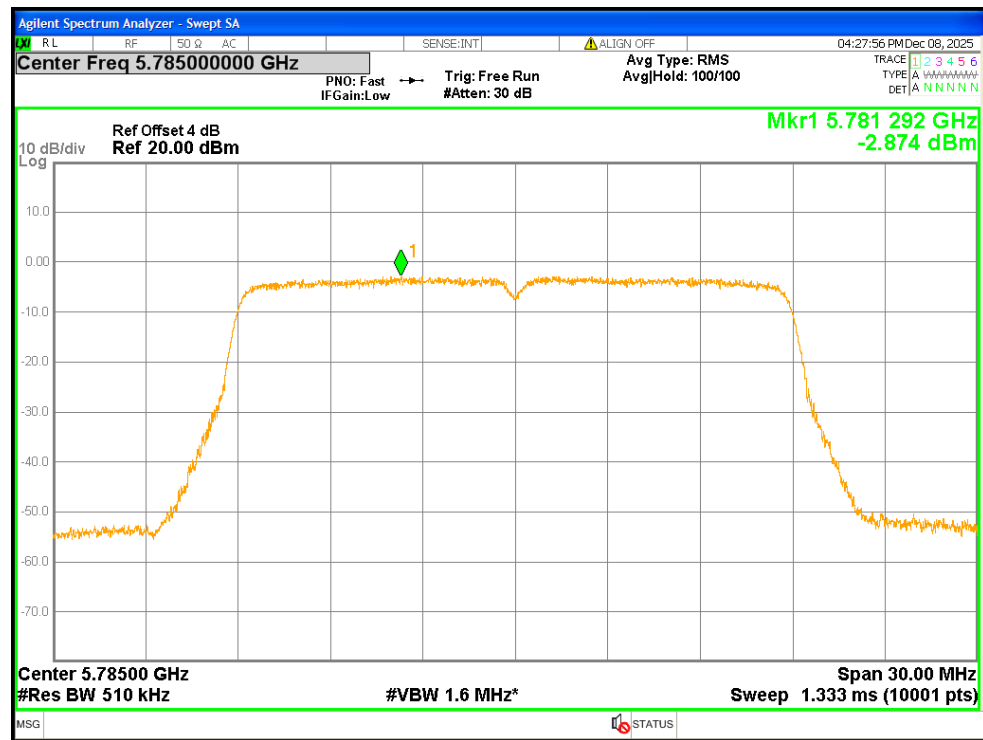
PSD NVNT n20 5745MHz Ant1



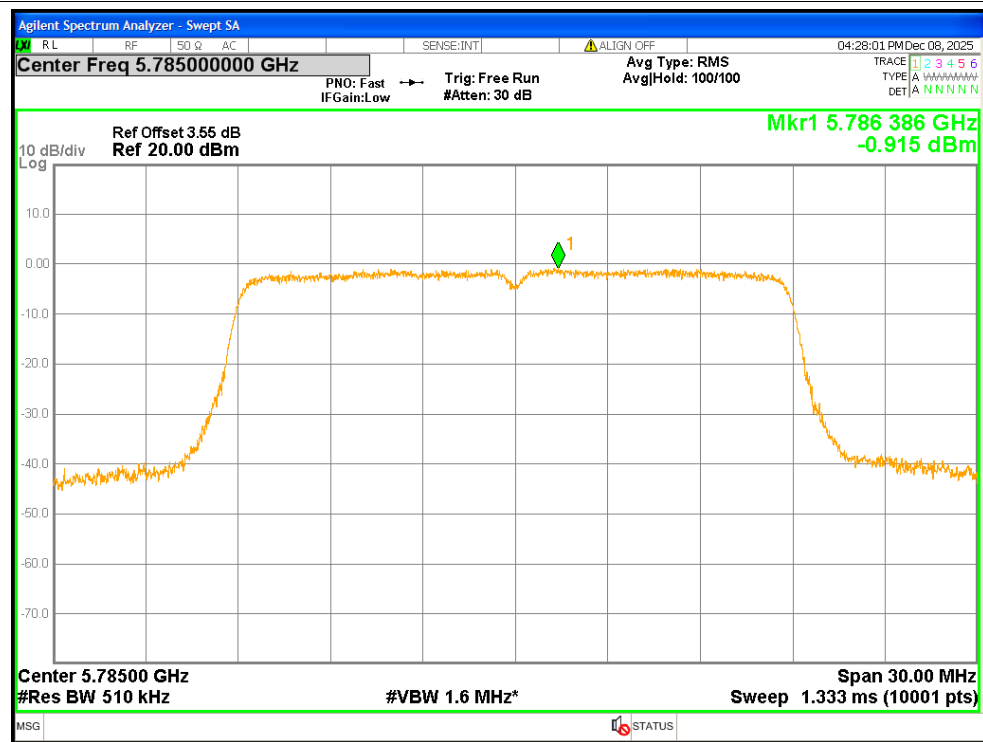
PSD NVNT n20 5745MHz Ant2



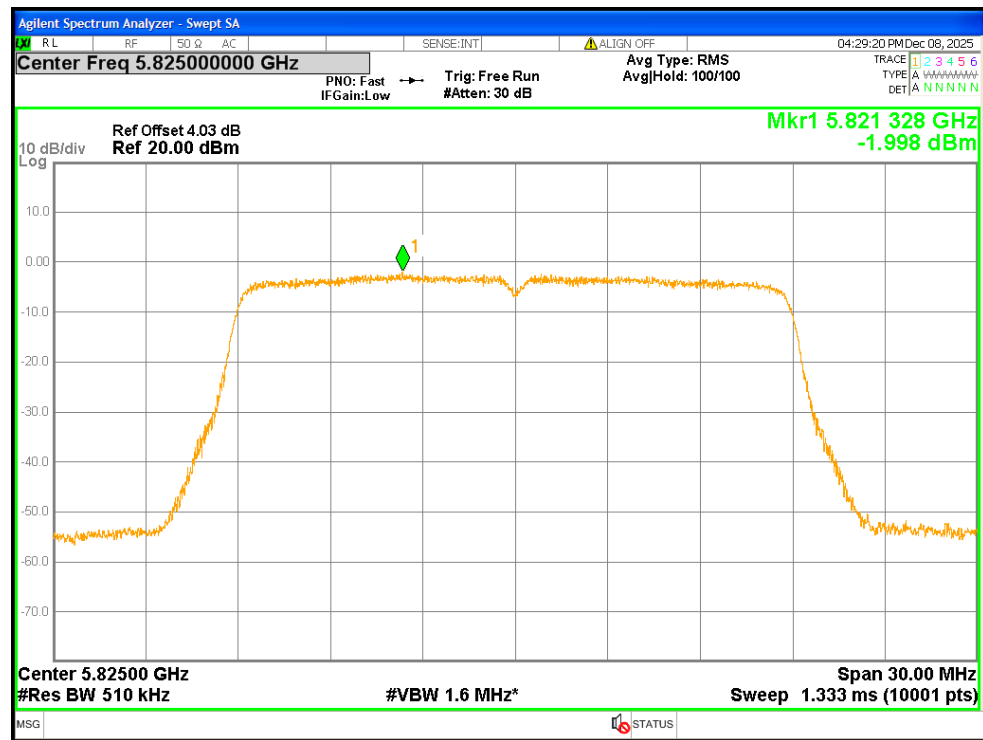
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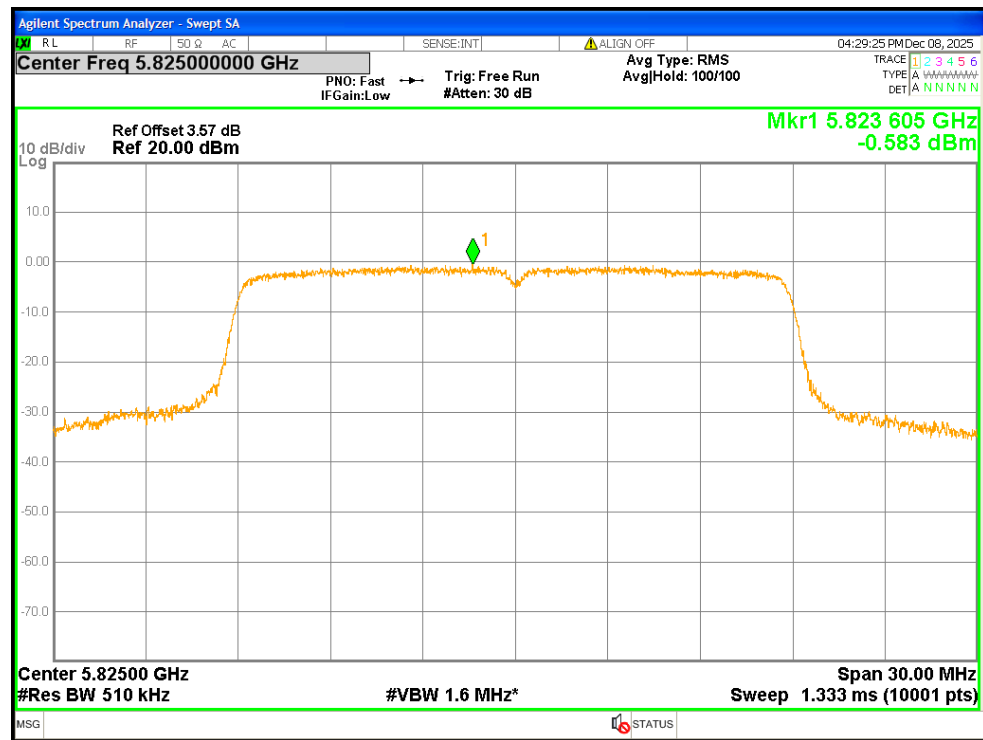
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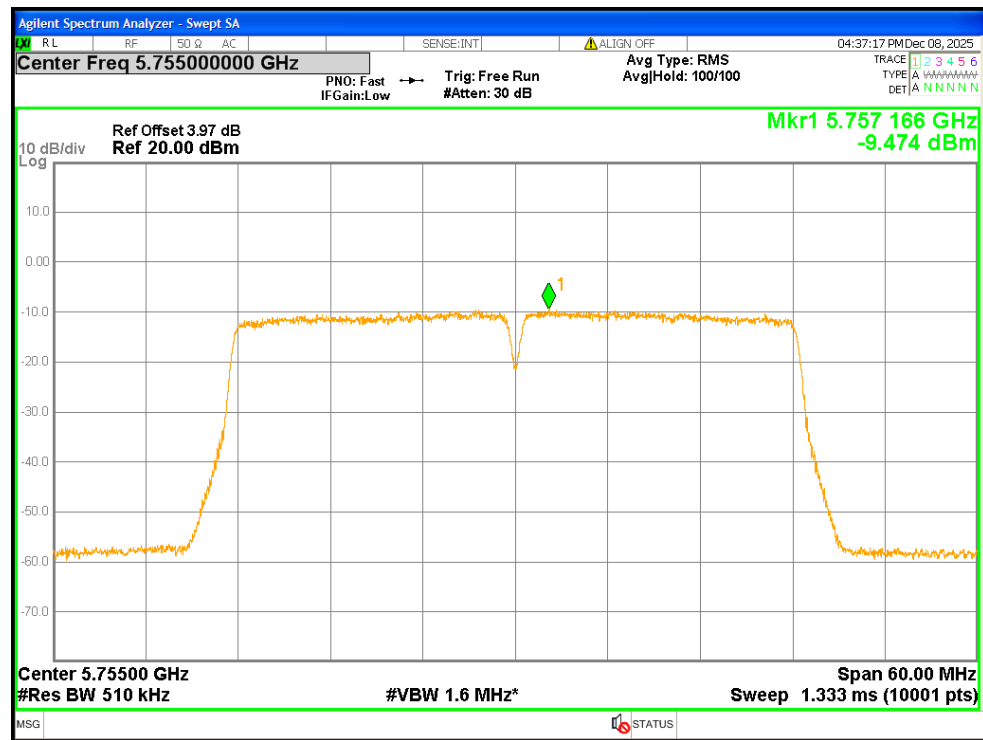
PSD NVNT n20 5825MHz Ant1



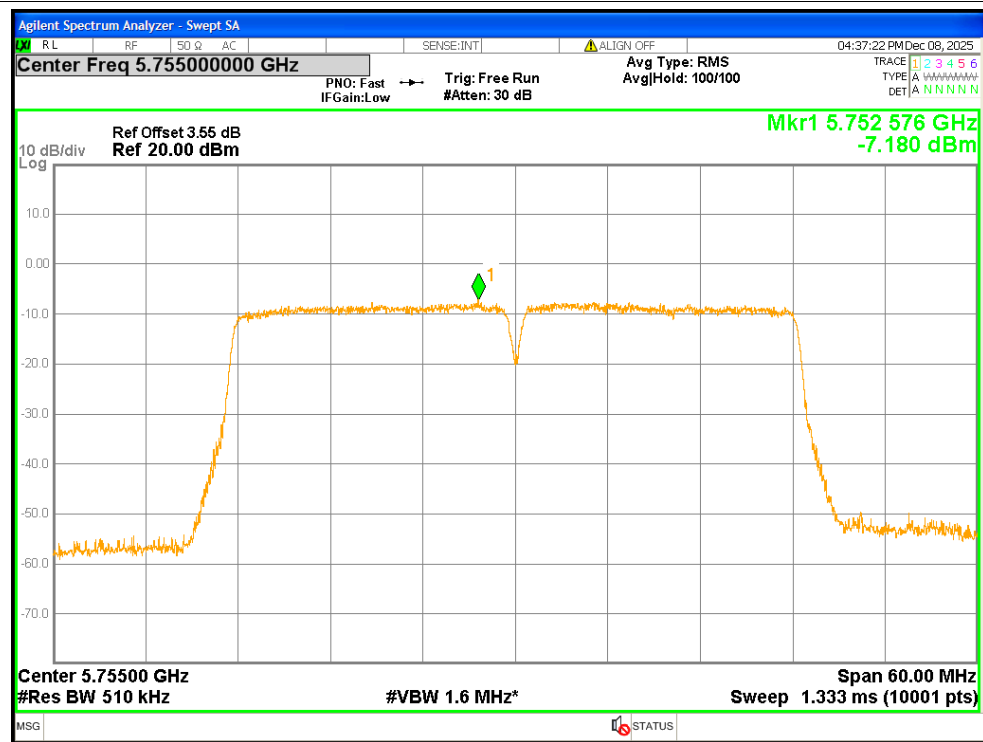
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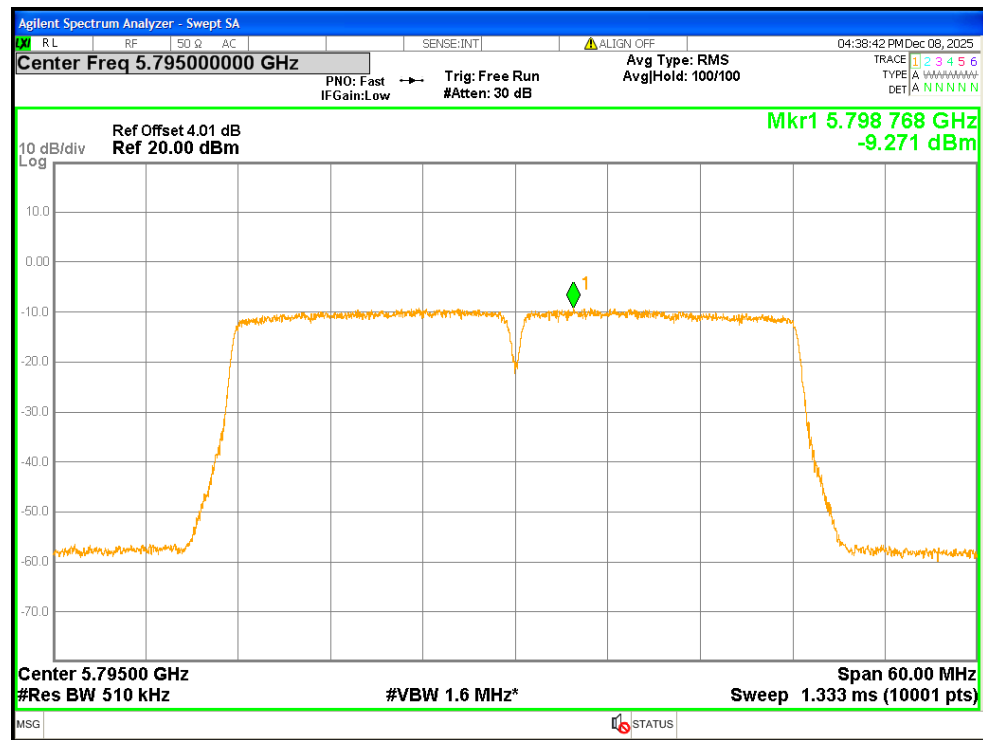
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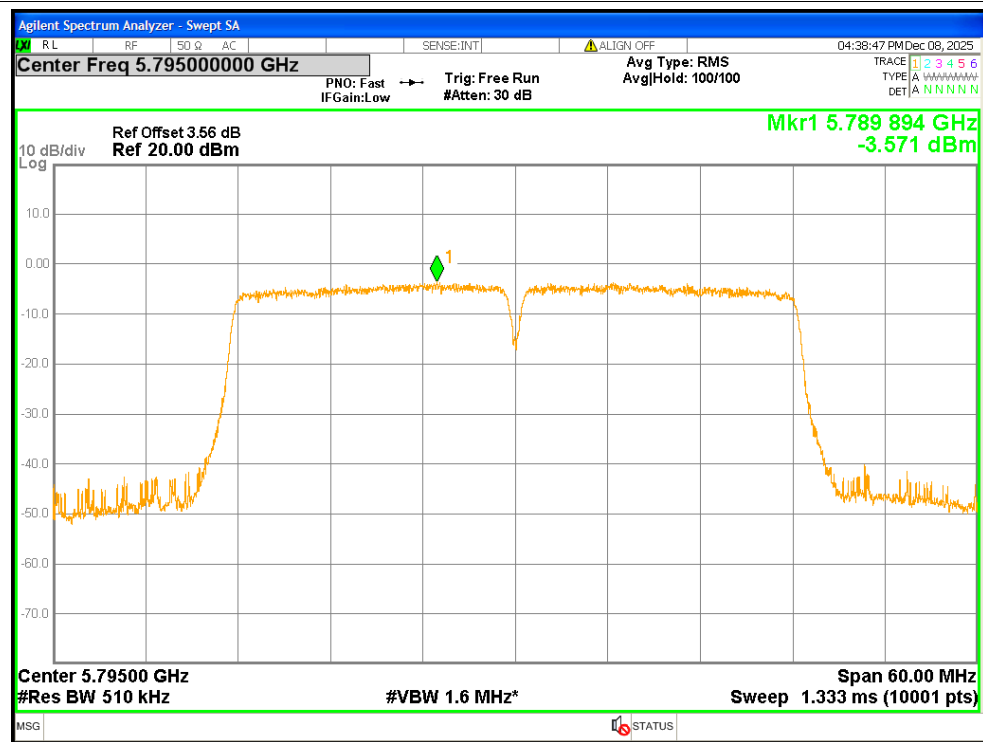
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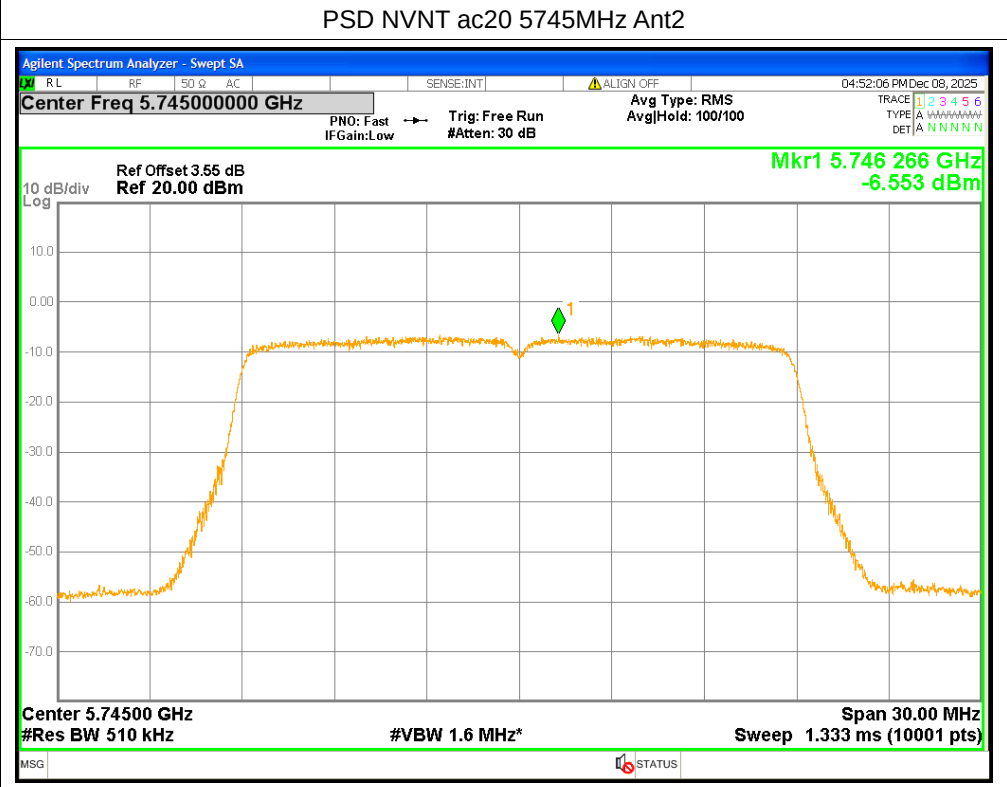
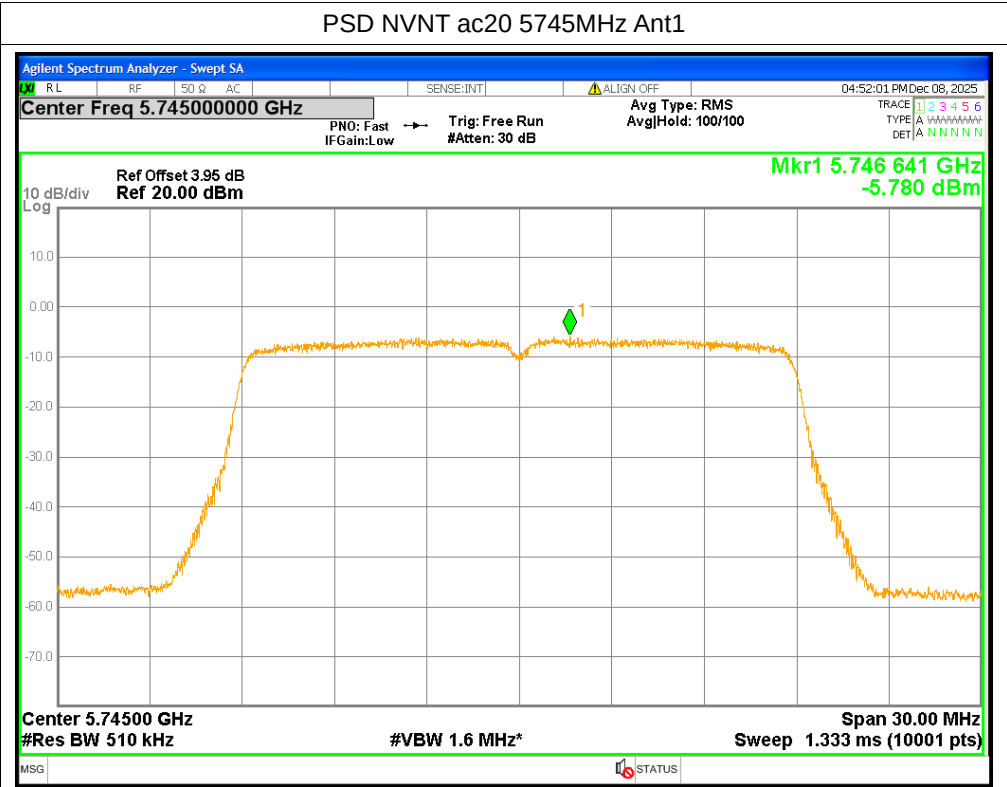


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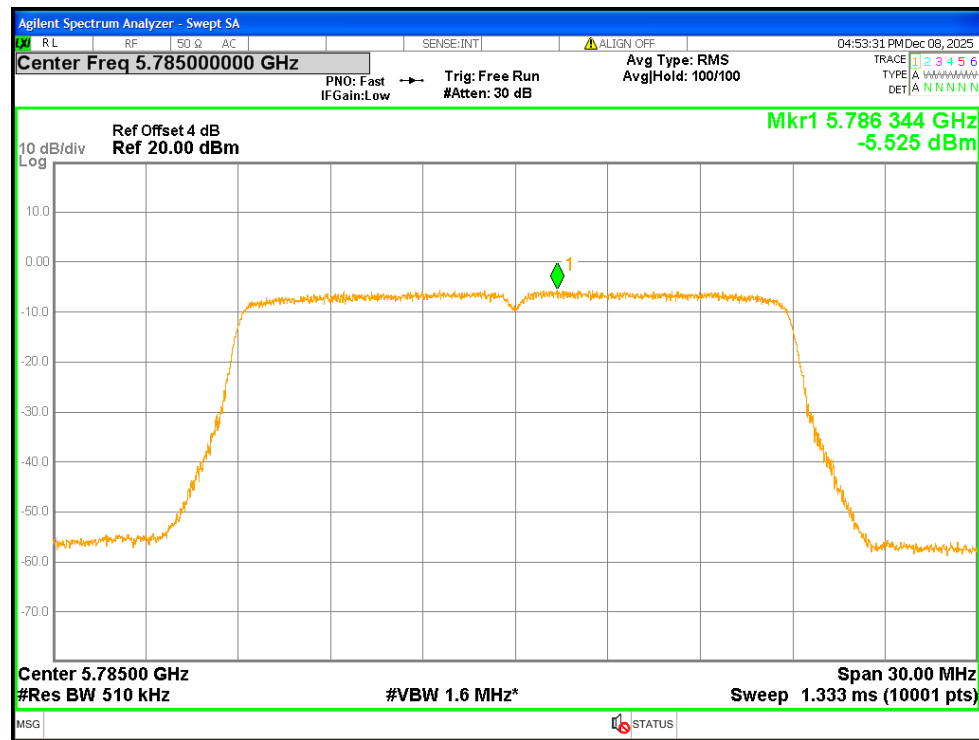


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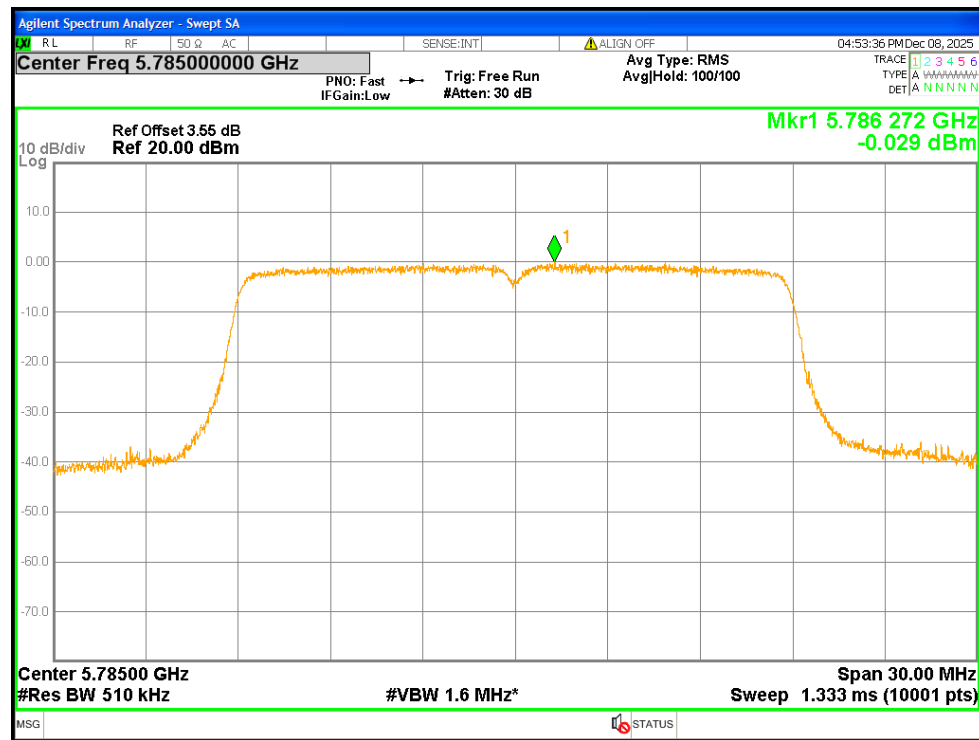




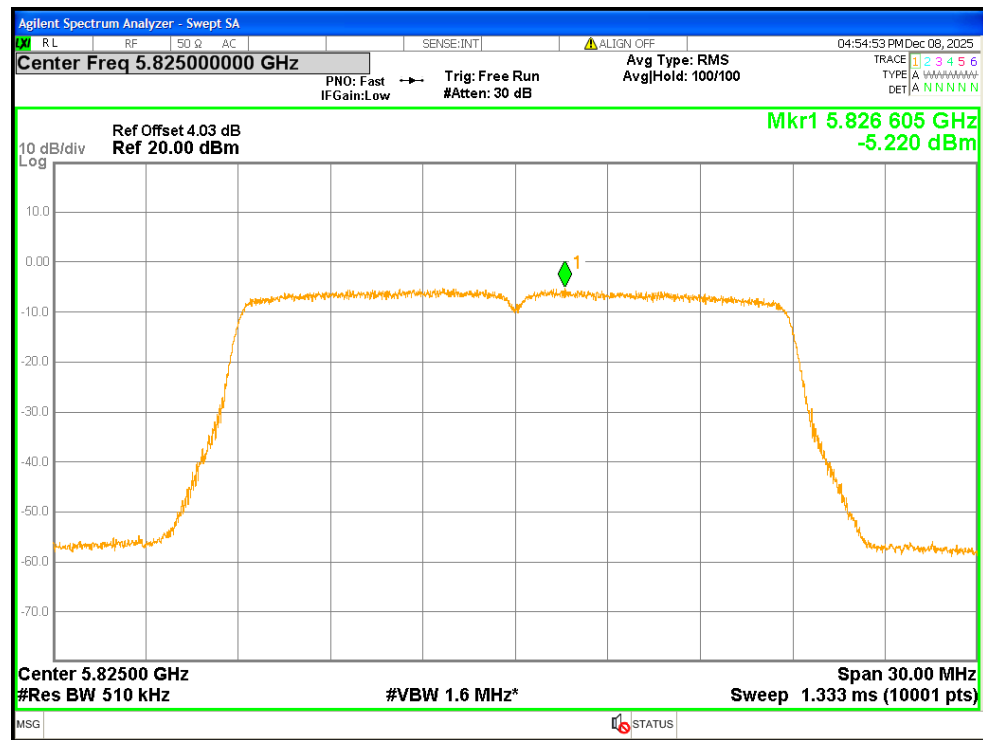
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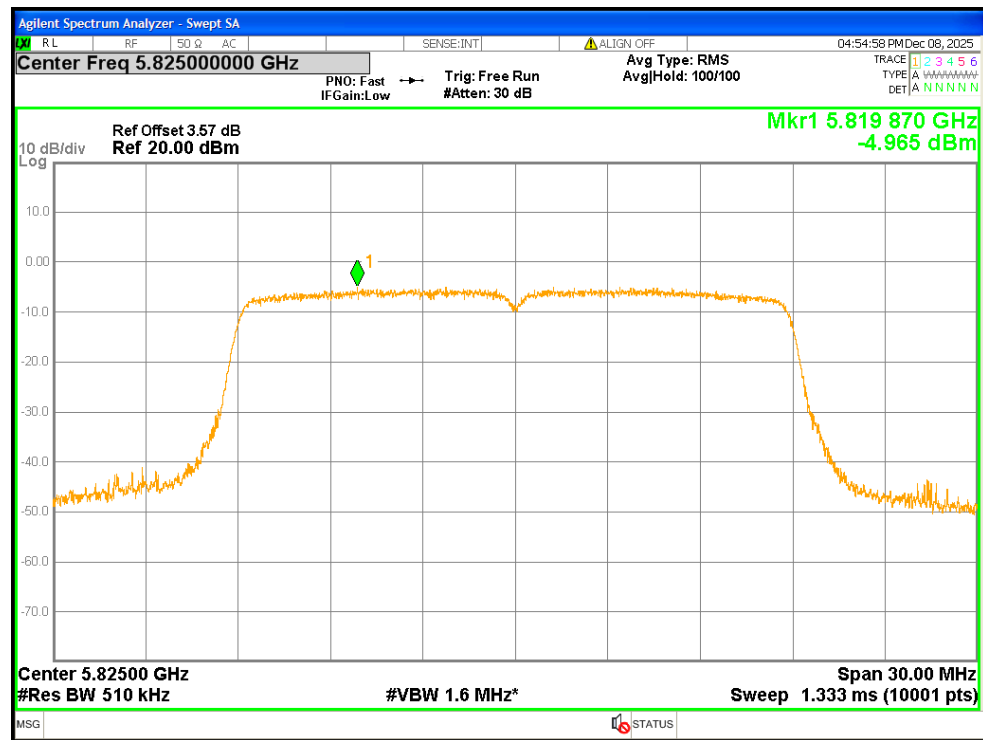
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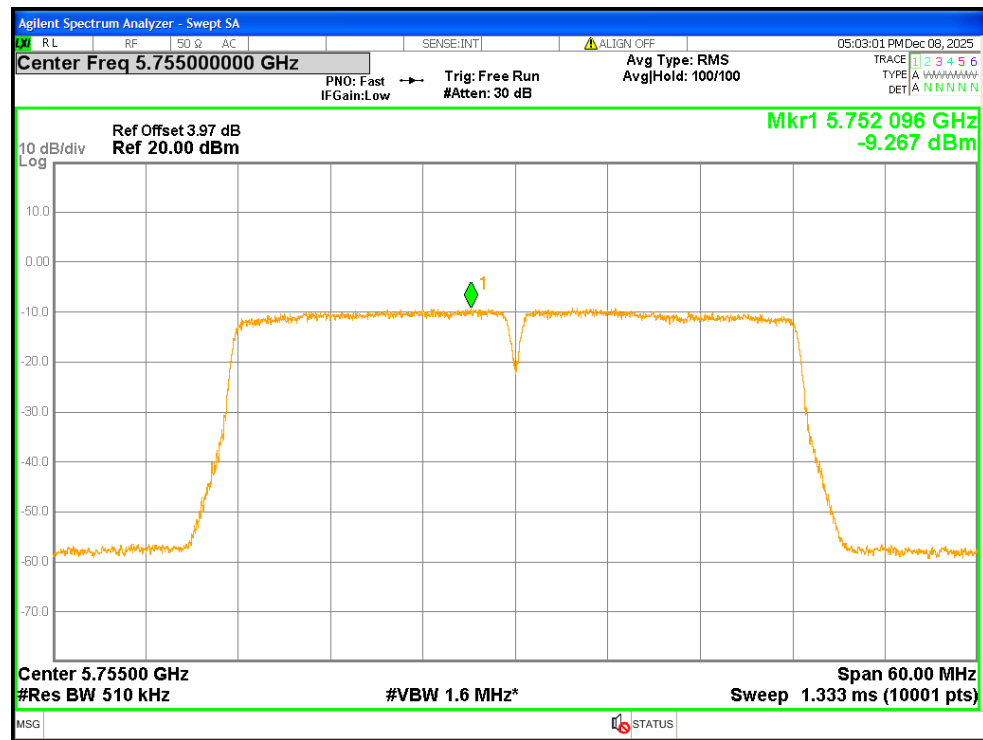
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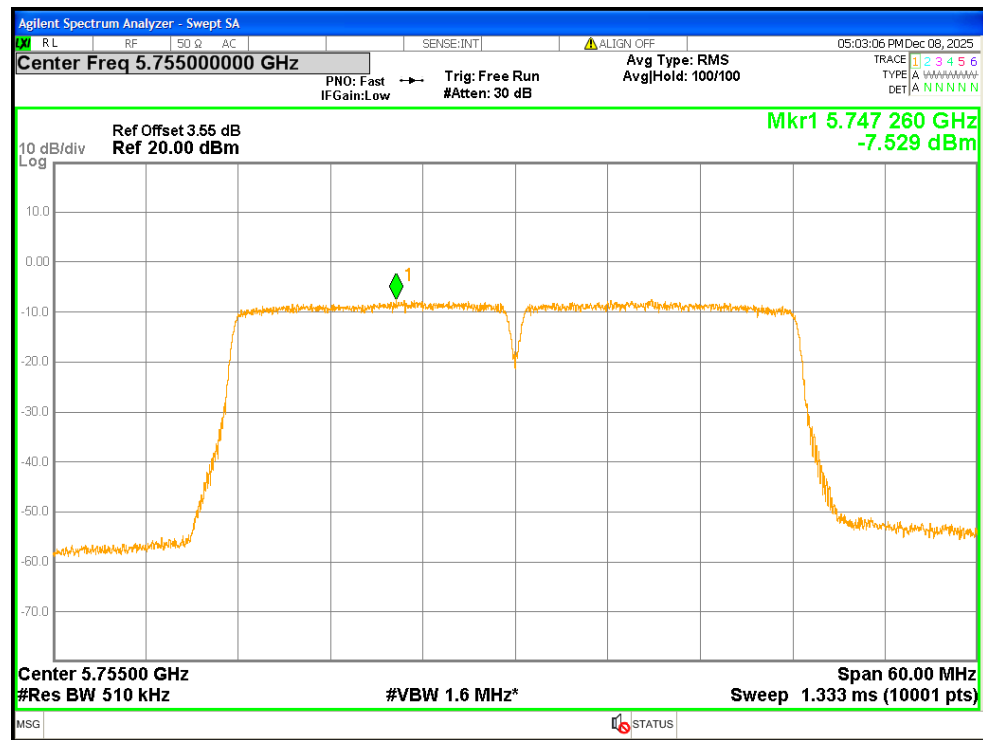
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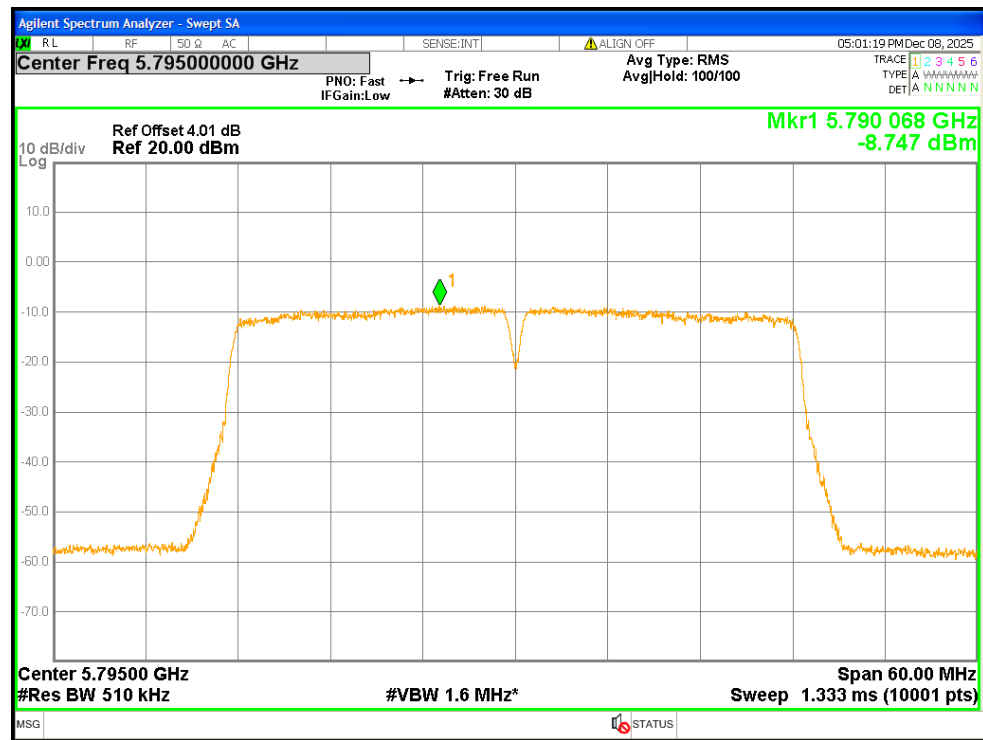
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac40 5795MHz Ant2

