

Duty Cycle

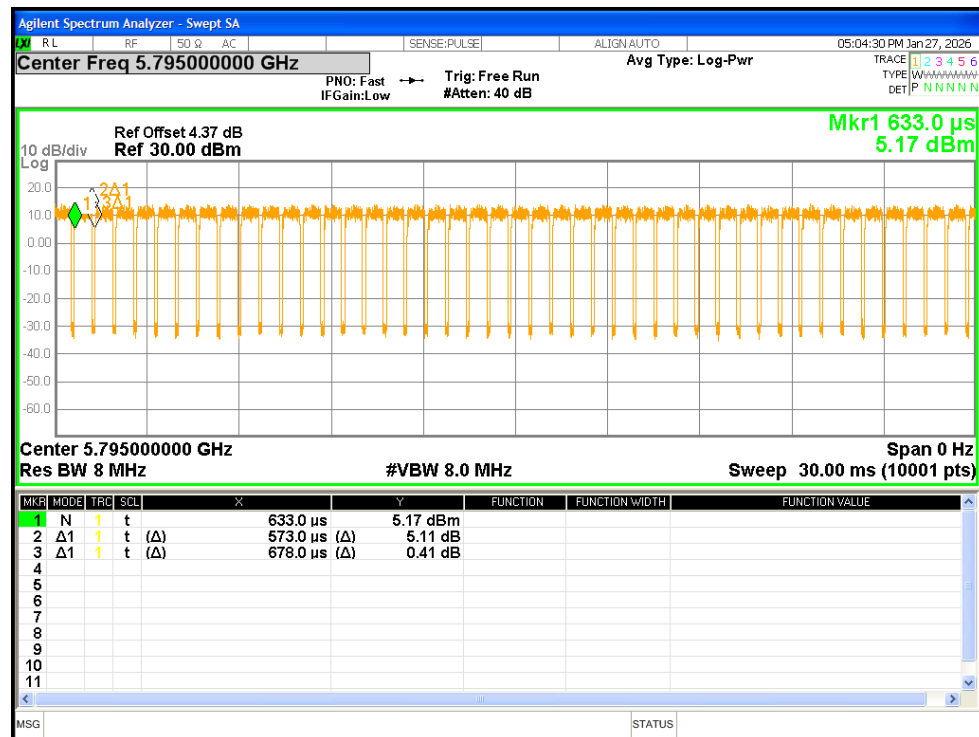
Condition	Mode	Frequency (MHz)	Antenna	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	Max Variation (%)
NVNT	a	5745	Ant1	1.36	1.464	92.9	0.32	0.74	0.25
NVNT	a	5785	Ant1	1.36	1.464	92.9	0.32	0.74	0.26
NVNT	a	5825	Ant1	1.36	1.464	92.9	0.32	0.74	0.33
NVNT	a	5745	Ant2	1.36	1.464	92.9	0.32	0.74	0.26
NVNT	a	5785	Ant2	1.36	1.464	92.9	0.32	0.74	0.25
NVNT	a	5825	Ant2	1.36	1.464	92.9	0.32	0.74	0.22
NVNT	n20	5745	MIMO	1.15	1.25	92	0.36	0.87	0.20
NVNT	n20	5785	MIMO	1.15	1.255	91.63	0.38	0.87	0.23
NVNT	n20	5825	MIMO	1.145	1.25	91.6	0.38	0.87	0.23
NVNT	n40	5755	MIMO	0.573	0.678	84.51	0.73	1.75	0.19
NVNT	n40	5795	MIMO	0.573	0.678	84.51	0.73	1.75	0.20
NVNT	ac20	5745	MIMO	1.15	1.255	91.63	0.38	0.87	0.20
NVNT	ac20	5785	MIMO	1.15	1.255	91.63	0.38	0.87	0.21
NVNT	ac20	5825	MIMO	1.155	1.26	91.67	0.38	0.87	0.21
NVNT	ac40	5755	MIMO	0.576	0.68	84.71	0.72	1.74	0.22
NVNT	ac40	5795	MIMO	0.576	0.68	84.71	0.72	1.74	0.21
NVNT	ac80	5775	MIMO	0.29	0.394	73.6	1.33	3.45	0.18
NVNT	ax20	5745	MIMO	0.99	1.095	90.41	0.44	1.01	0.25
NVNT	ax20	5785	MIMO	0.985	1.09	90.37	0.44	1.02	0.26
NVNT	ax20	5825	MIMO	0.985	1.09	90.37	0.44	1.02	0.33
NVNT	ax40	5755	MIMO	0.522	0.627	83.25	0.8	1.92	0.26
NVNT	ax40	5795	MIMO	0.519	0.624	83.17	0.8	1.93	0.25
NVNT	ax80	5775	MIMO	0.28	0.384	72.92	1.37	3.57	0.22

Duty Cycle NVNT a 5825MHz Ant1

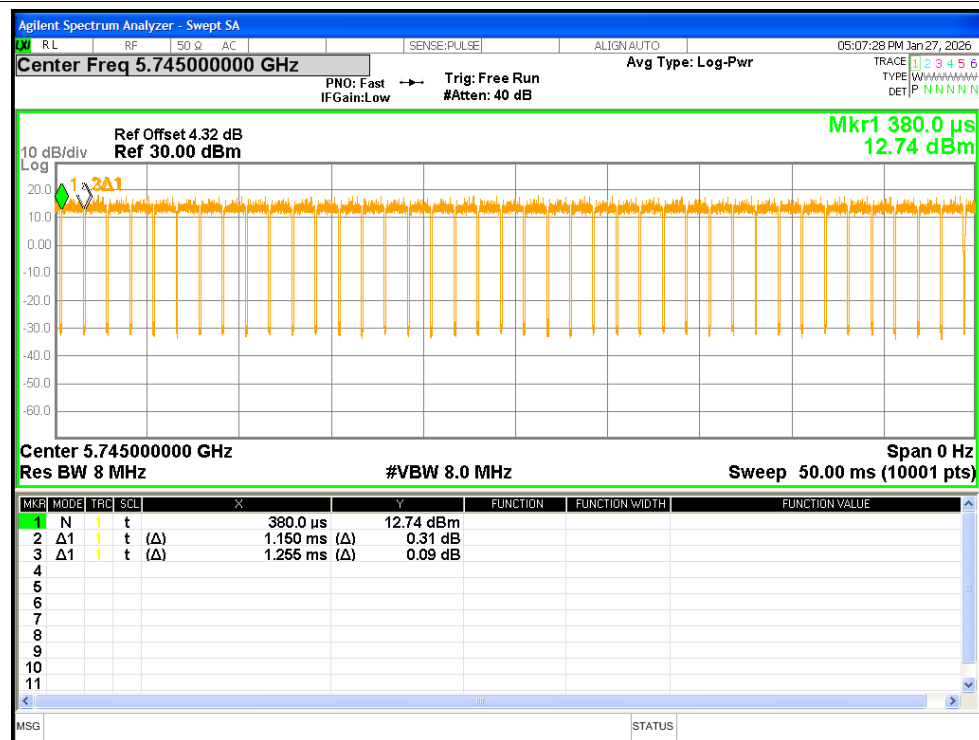
Duty Cycle NVNT a 5785MHz Ant2

Duty Cycle NVNT n20 5745MHz MIMO

Duty Cycle NVNT n40 5795MHz MIMO



Duty Cycle NVNT ac20 5745MHz MIMO

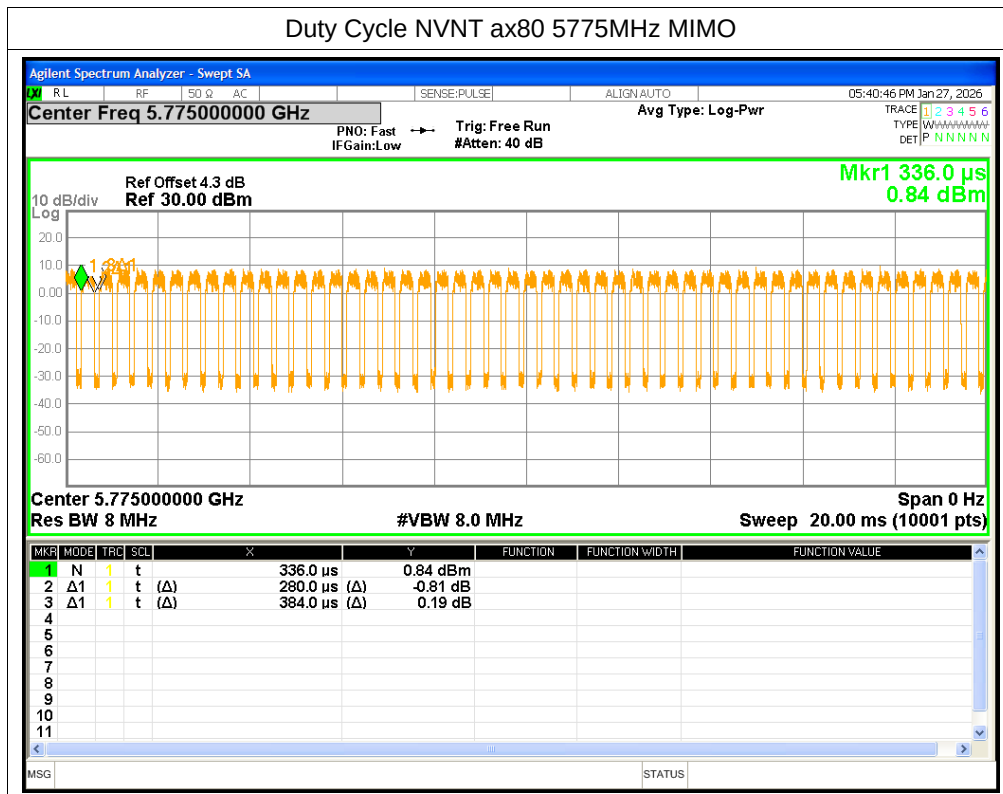


Duty Cycle NVNT ac40 5755MHz MIMO

Duty Cycle NVNT ac80 5775MHz MIMO

Report No.: STS2601074W14_Appendix 5G RLAN U-NII-3

Duty Cycle NVNT ax40 5755MHz MIMO



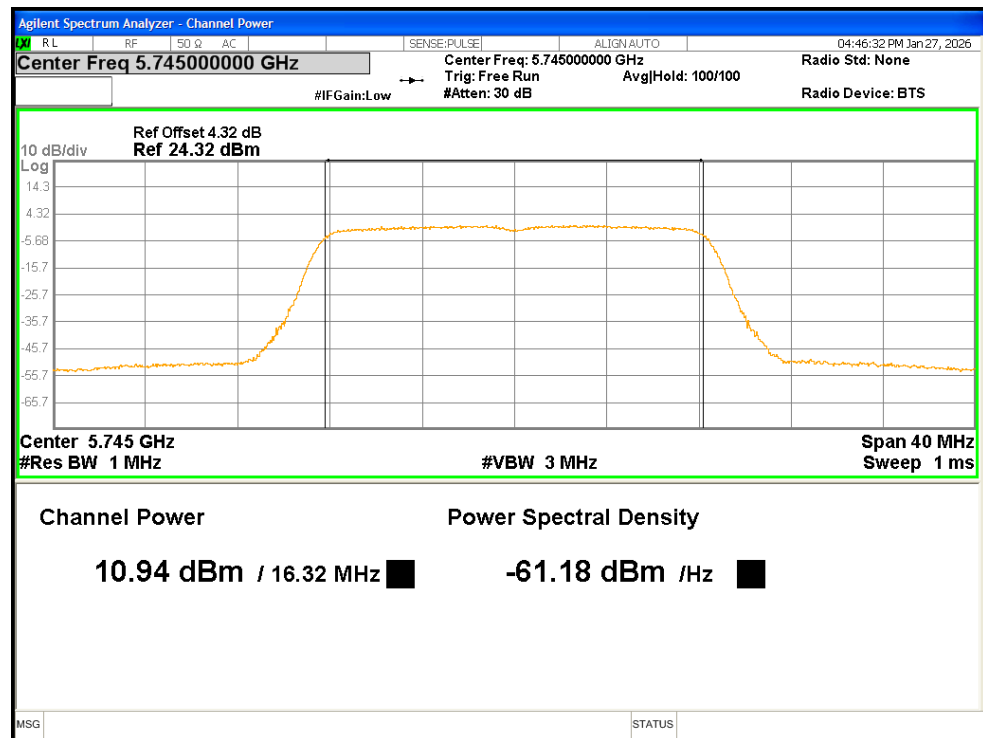
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.94	0.32	11.26	<=30	Pass
NVNT	a	5785	Ant1	10.75	0.32	11.07	<=30	Pass
NVNT	a	5825	Ant1	11.11	0.32	11.43	<=30	Pass
NVNT	a	5745	Ant2	11.18	0.32	11.5	<=30	Pass
NVNT	a	5785	Ant2	11.37	0.32	11.69	<=30	Pass
NVNT	a	5825	Ant2	11.31	0.32	11.63	<=30	Pass
NVNT	n20	5745	Ant1	11.13	0.36	11.49	<=30	Pass
NVNT	n20	5745	Ant2	8.54	0.36	8.9	<=30	Pass
NVNT	n20	5745	MIMO	-	-	13.4	<=29.54	Pass
NVNT	n20	5785	Ant1	10.92	0.38	11.3	<=30	Pass
NVNT	n20	5785	Ant2	11.16	0.38	11.54	<=30	Pass
NVNT	n20	5785	MIMO	-	-	14.43	<=29.54	Pass
NVNT	n20	5825	Ant1	10.85	0.38	11.23	<=30	Pass
NVNT	n20	5825	Ant2	14.16	0.38	14.54	<=30	Pass
NVNT	n20	5825	MIMO	-	-	16.2	<=29.54	Pass
NVNT	n40	5755	Ant1	10.49	0.73	11.22	<=30	Pass
NVNT	n40	5755	Ant2	7.4	0.73	8.13	<=30	Pass
NVNT	n40	5755	MIMO	-	-	12.95	<=29.54	Pass
NVNT	n40	5795	Ant1	10.68	0.73	11.41	<=30	Pass
NVNT	n40	5795	Ant2	12.69	0.73	13.42	<=30	Pass
NVNT	n40	5795	MIMO	-	-	15.54	<=29.54	Pass
NVNT	ac20	5745	Ant1	10.19	0.38	10.57	<=30	Pass
NVNT	ac20	5745	Ant2	7.54	0.38	7.92	<=30	Pass
NVNT	ac20	5745	MIMO	-	-	12.45	<=29.54	Pass
NVNT	ac20	5785	Ant1	9.79	0.38	10.17	<=30	Pass
NVNT	ac20	5785	Ant2	9.87	0.38	10.25	<=30	Pass
NVNT	ac20	5785	MIMO	-	-	13.22	<=29.54	Pass
NVNT	ac20	5825	Ant1	9.95	0.38	10.33	<=30	Pass
NVNT	ac20	5825	Ant2	13.06	0.38	13.44	<=30	Pass
NVNT	ac20	5825	MIMO	-	-	15.17	<=29.54	Pass
NVNT	ac40	5755	Ant1	9.53	0.72	10.25	<=30	Pass
NVNT	ac40	5755	Ant2	6.23	0.72	6.95	<=30	Pass
NVNT	ac40	5755	MIMO	-	-	11.92	<=29.54	Pass
NVNT	ac40	5795	Ant1	9.59	0.72	10.31	<=30	Pass
NVNT	ac40	5795	Ant2	11.53	0.72	12.25	<=30	Pass
NVNT	ac40	5795	MIMO	-	-	14.4	<=29.54	Pass
NVNT	ac80	5775	Ant1	9.48	1.33	10.81	<=30	Pass
NVNT	ac80	5775	Ant2	7.67	1.33	9	<=30	Pass
NVNT	ac80	5775	MIMO	-	-	13.01	<=29.54	Pass

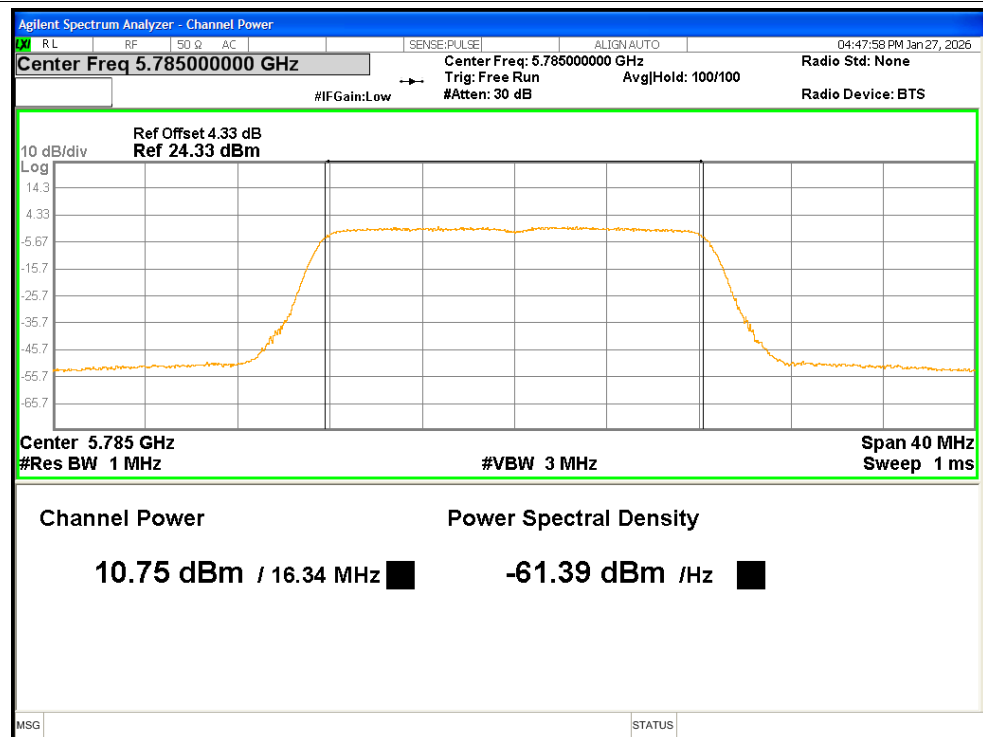
NVNT	ax20	5745	Ant1	10.11	0.44	10.55	<=30	Pass
NVNT	ax20	5745	Ant2	7.39	0.44	7.83	<=30	Pass
NVNT	ax20	5745	MIMO	-	-	12.41	<=29.54	Pass
NVNT	ax20	5785	Ant1	9.91	0.44	10.35	<=30	Pass
NVNT	ax20	5785	Ant2	9.92	0.44	10.36	<=30	Pass
NVNT	ax20	5785	MIMO	-	-	13.37	<=29.54	Pass
NVNT	ax20	5825	Ant1	9.82	0.44	10.26	<=30	Pass
NVNT	ax20	5825	Ant2	12.92	0.44	13.36	<=30	Pass
NVNT	ax20	5825	MIMO	-	-	15.09	<=29.54	Pass
NVNT	ax40	5755	Ant1	9.55	0.8	10.35	<=30	Pass
NVNT	ax40	5755	Ant2	6.4	0.8	7.2	<=30	Pass
NVNT	ax40	5755	MIMO	-	-	12.06	<=29.54	Pass
NVNT	ax40	5795	Ant1	9.78	0.8	10.58	<=30	Pass
NVNT	ax40	5795	Ant2	11.66	0.8	12.46	<=30	Pass
NVNT	ax40	5795	MIMO	-	-	14.63	<=29.54	Pass
NVNT	ax80	5775	Ant1	8.92	1.37	10.29	<=30	Pass
NVNT	ax80	5775	Ant2	6.99	1.37	8.36	<=30	Pass
NVNT	ax80	5775	MIMO	-	-	12.44	<=29.54	Pass

Test Graphs

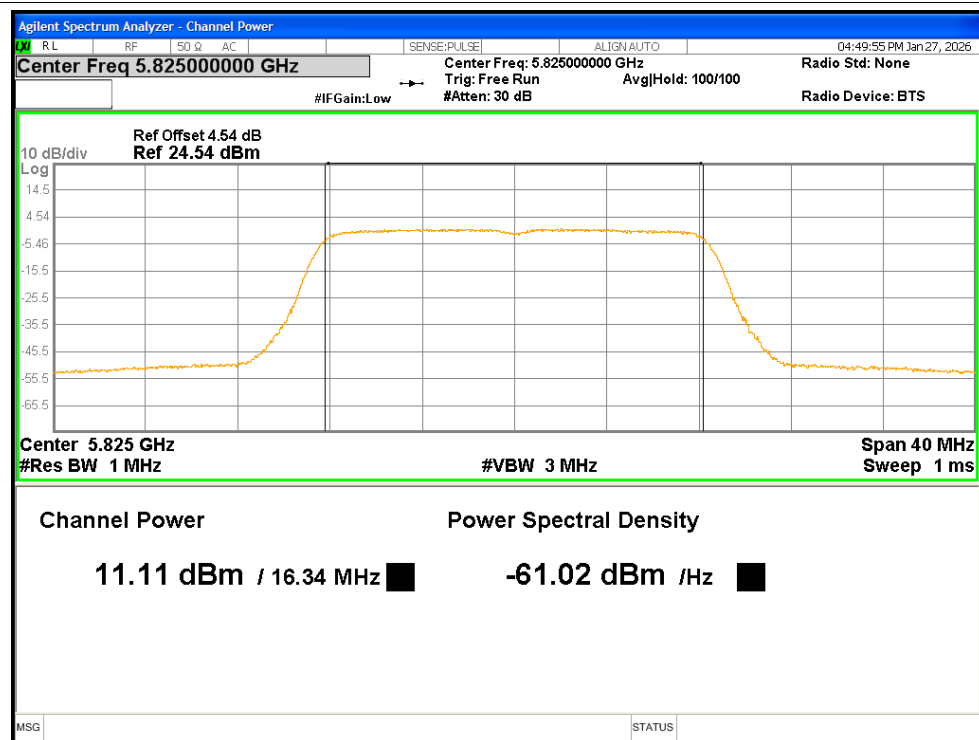
Power NVNT a 5745MHz Ant1



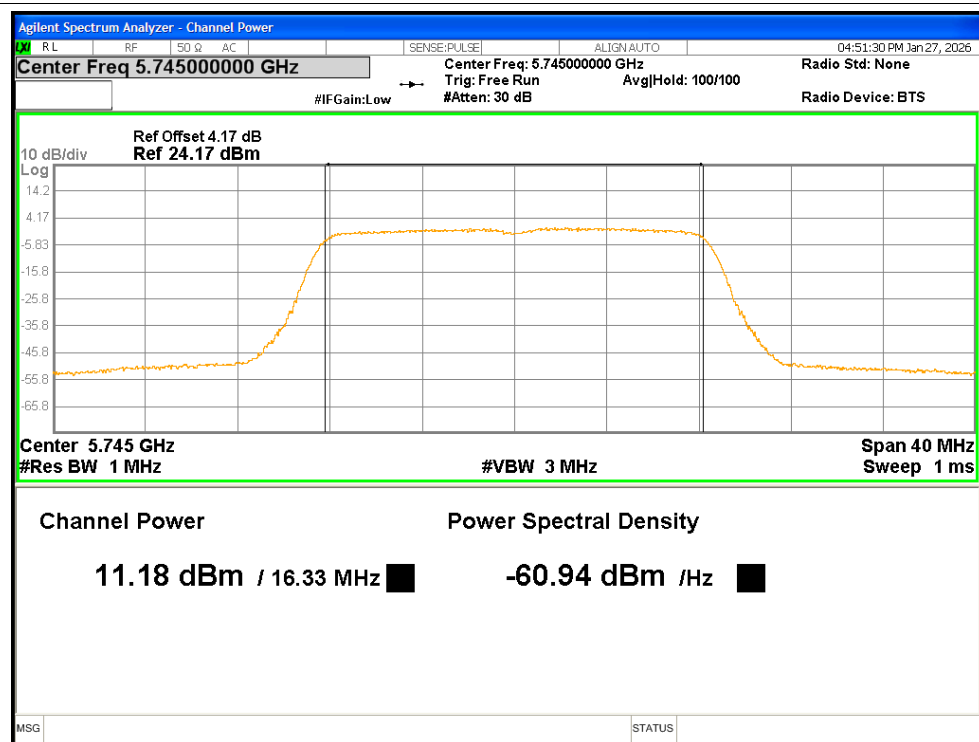
Power NVNT a 5785MHz Ant1



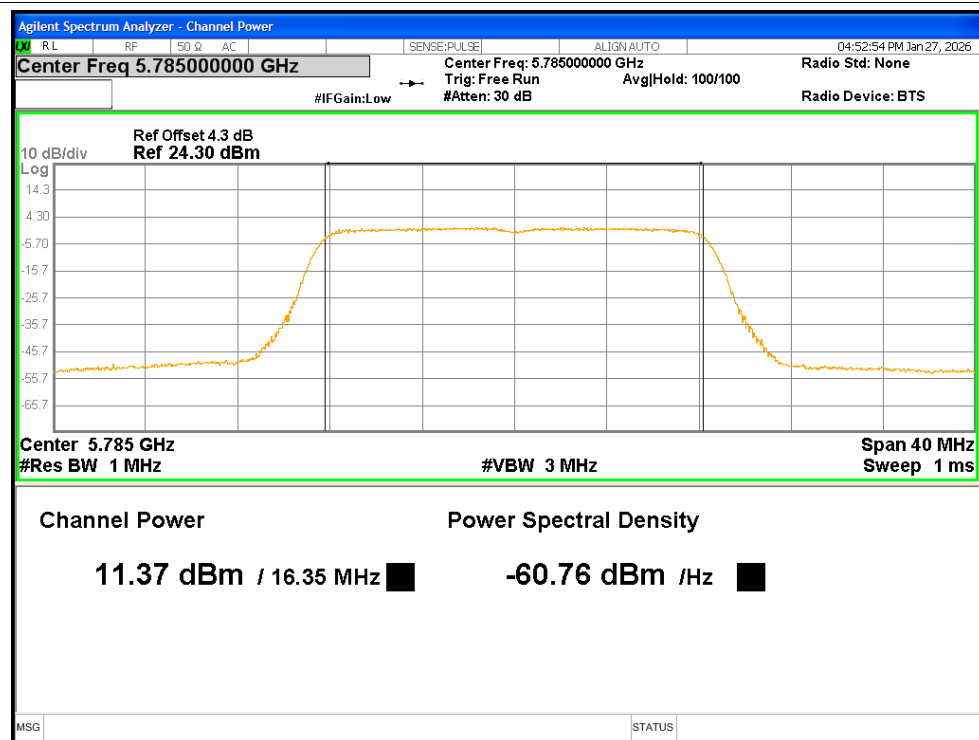
Power NVNT a 5825MHz Ant1



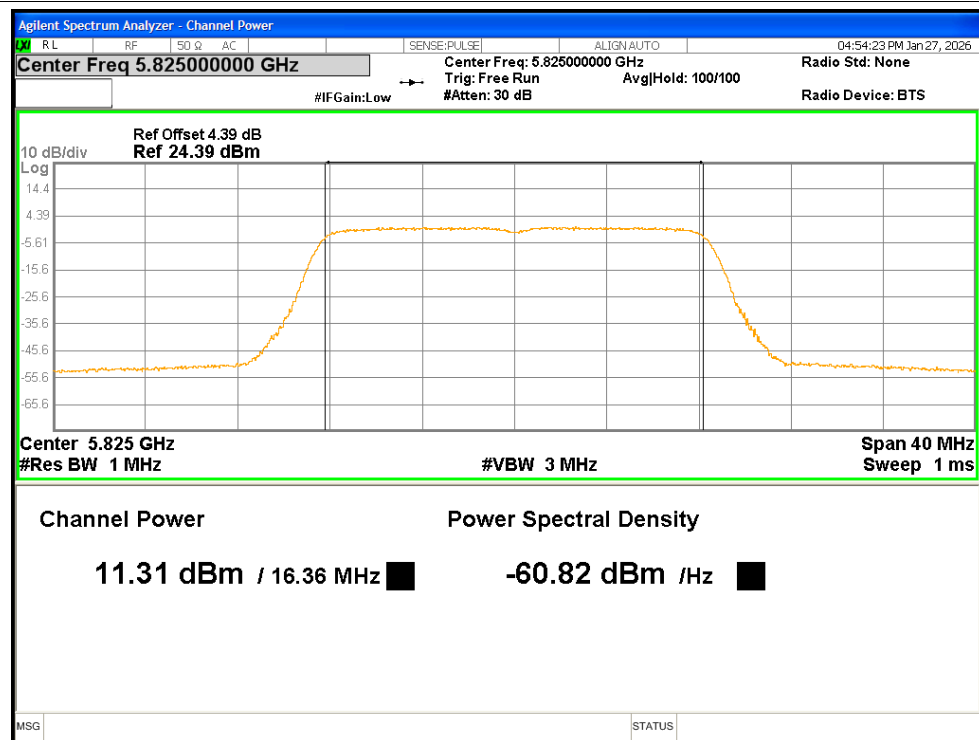
Power NVNT a 5745MHz Ant2



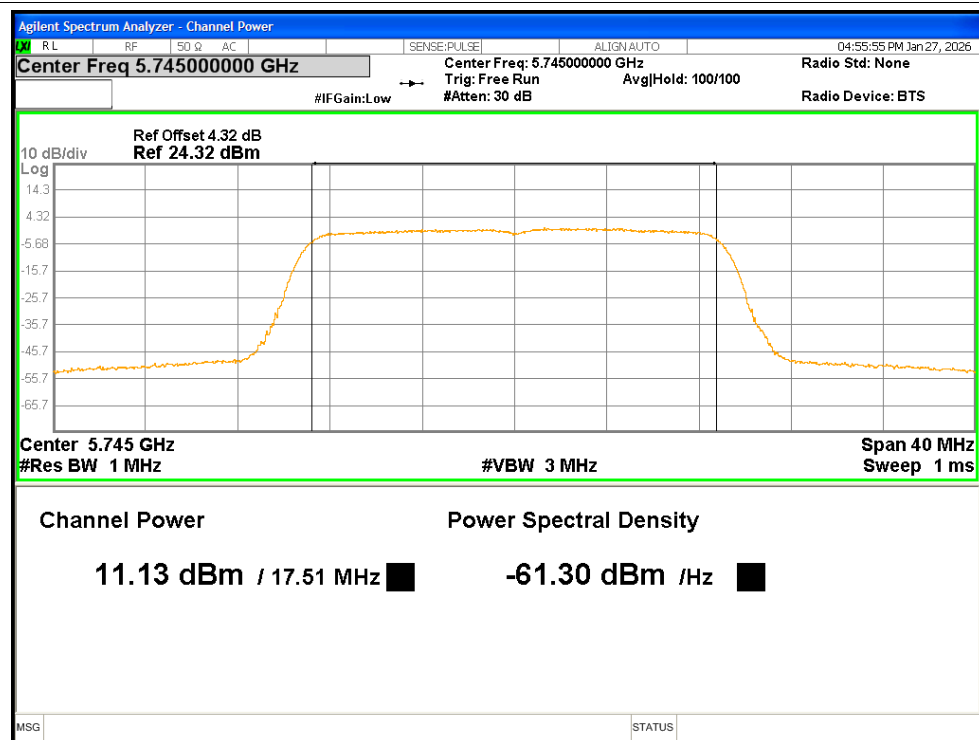
Power NVNT a 5785MHz Ant2



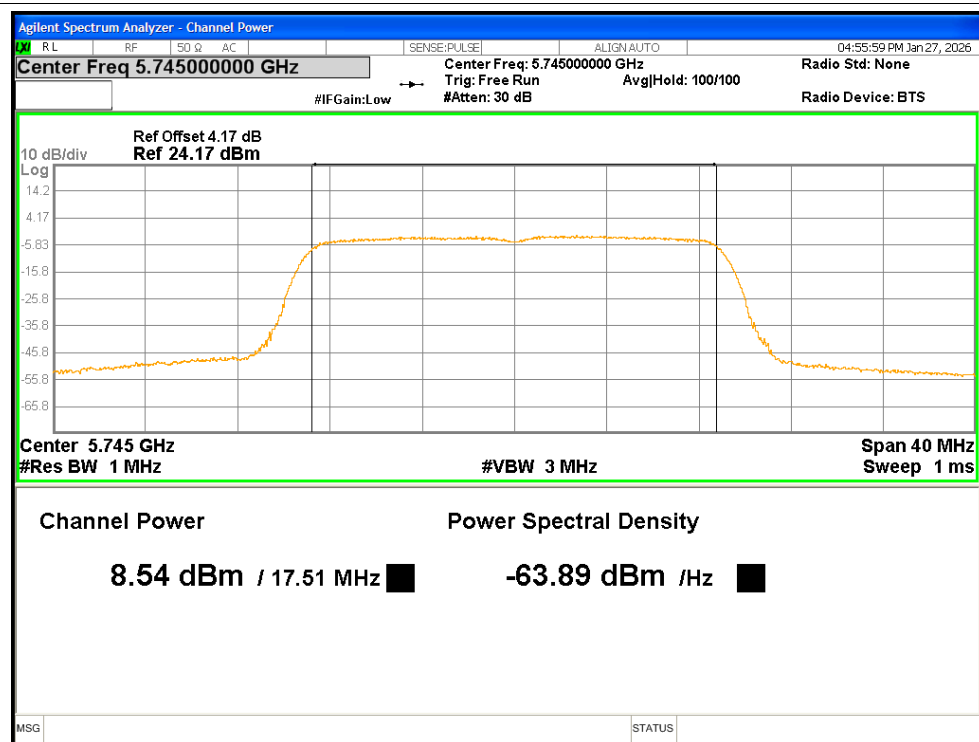
Power NVNT a 5825MHz Ant2



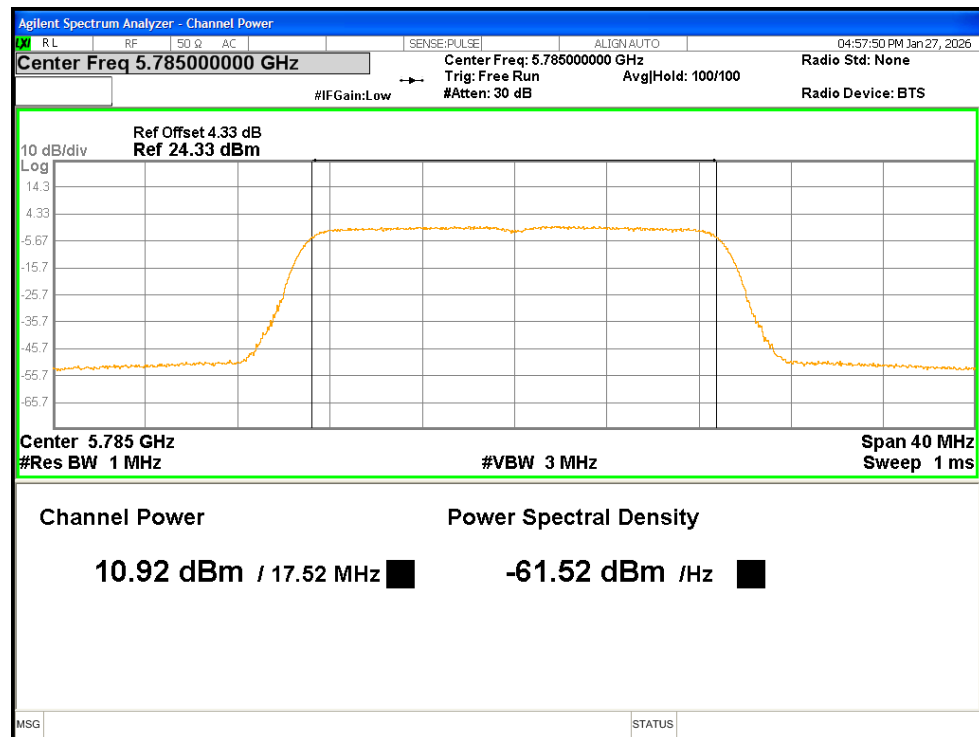
Power NVNT n20 5745MHz Ant1



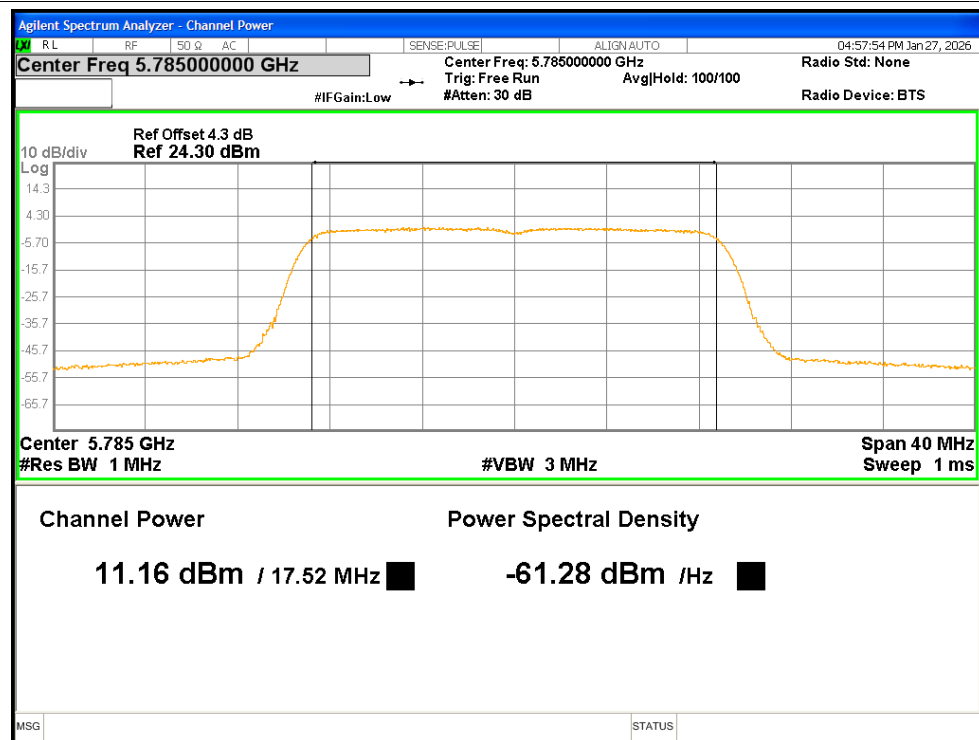
Power NVNT n20 5745MHz Ant2



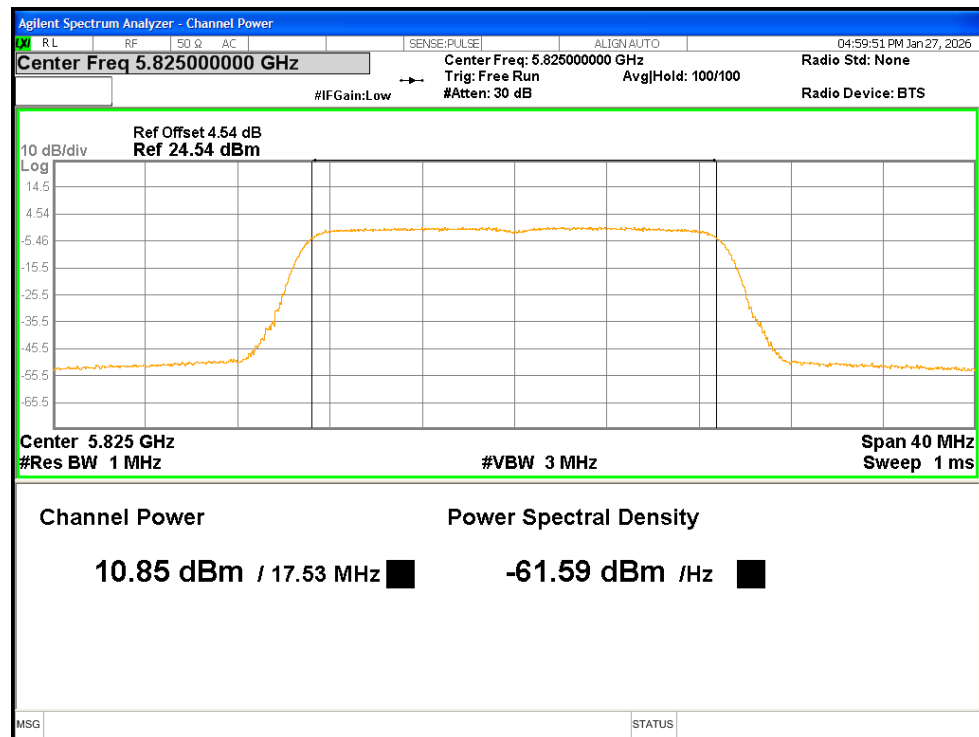
Power NVNT n20 5785MHz Ant1



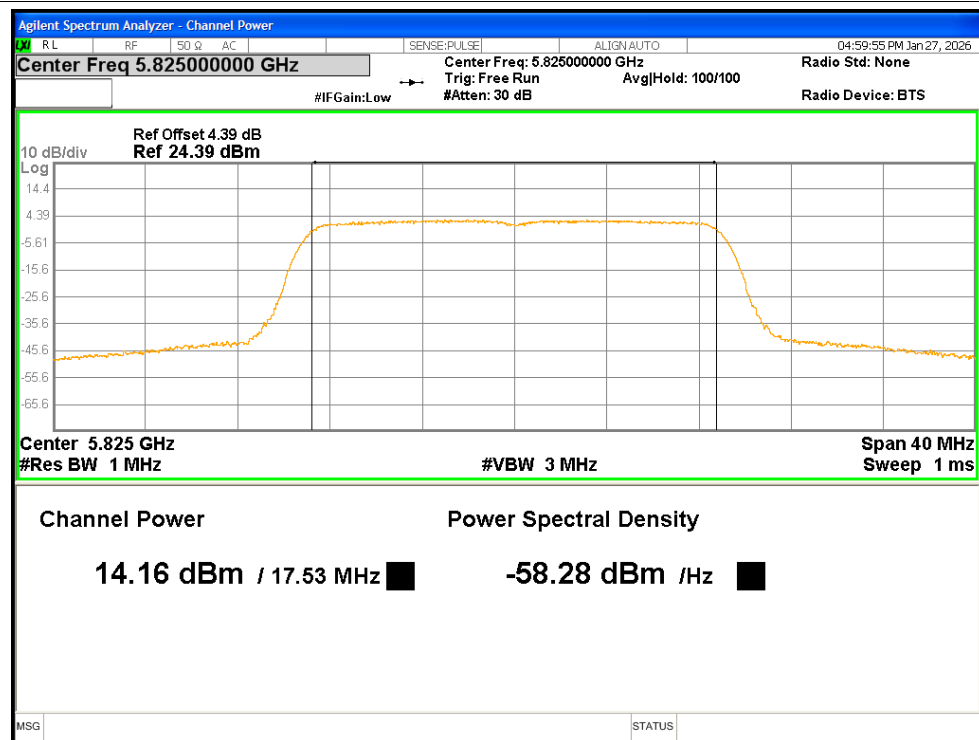
Power NVNT n20 5785MHz Ant2



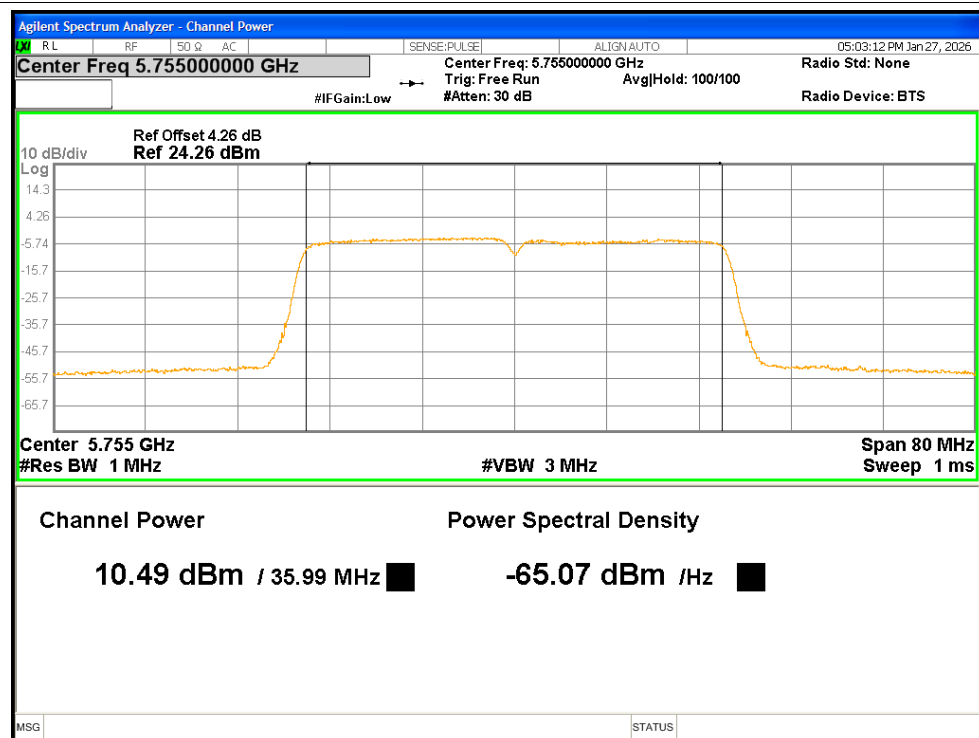
Power NVNT n20 5825MHz Ant1



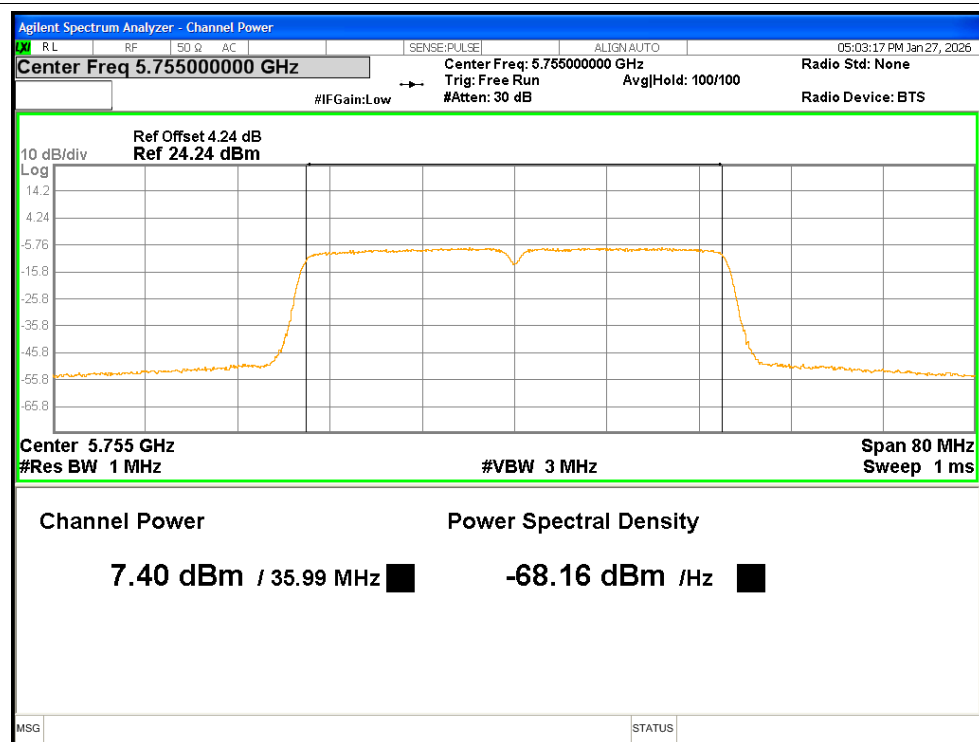
Power NVNT n20 5825MHz Ant2



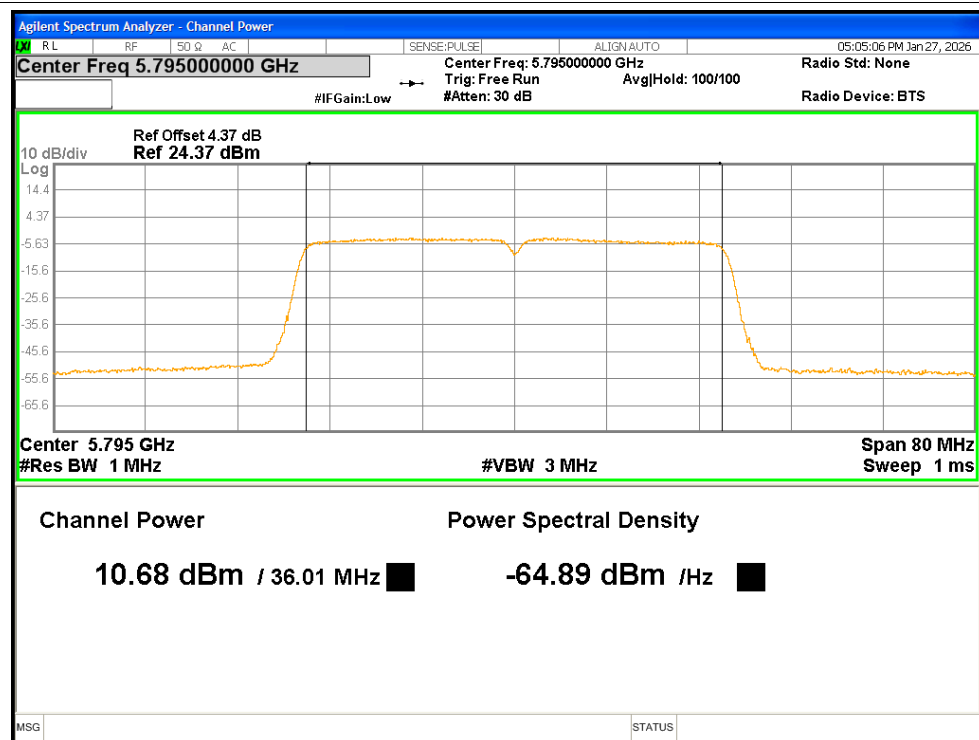
Power NVNT n40 5755MHz Ant1



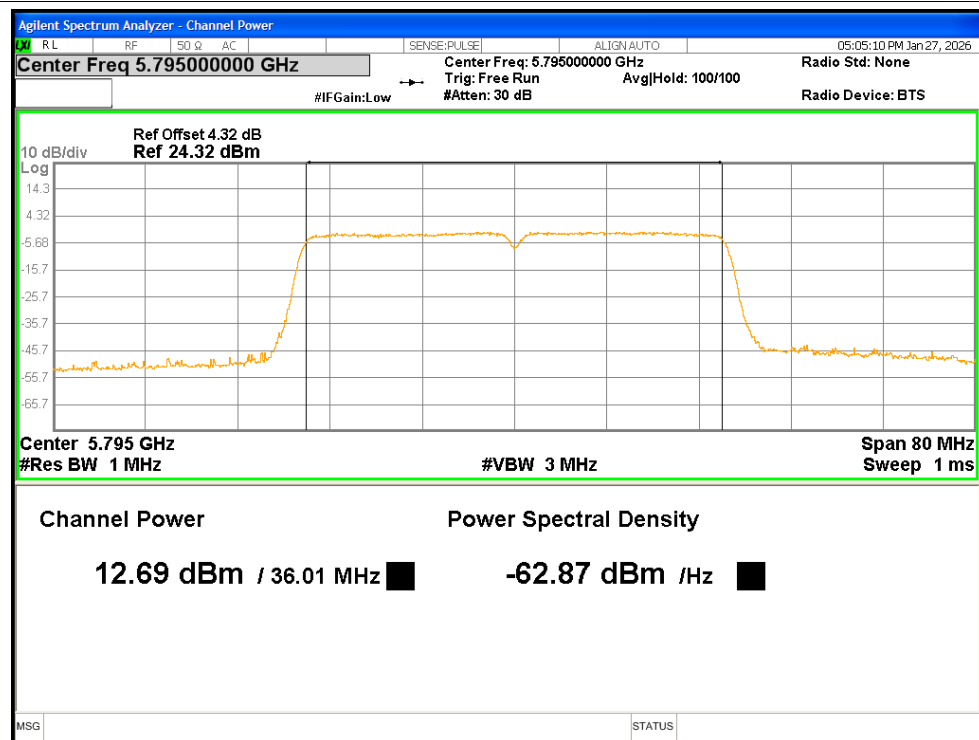
Power NVNT n40 5755MHz Ant2



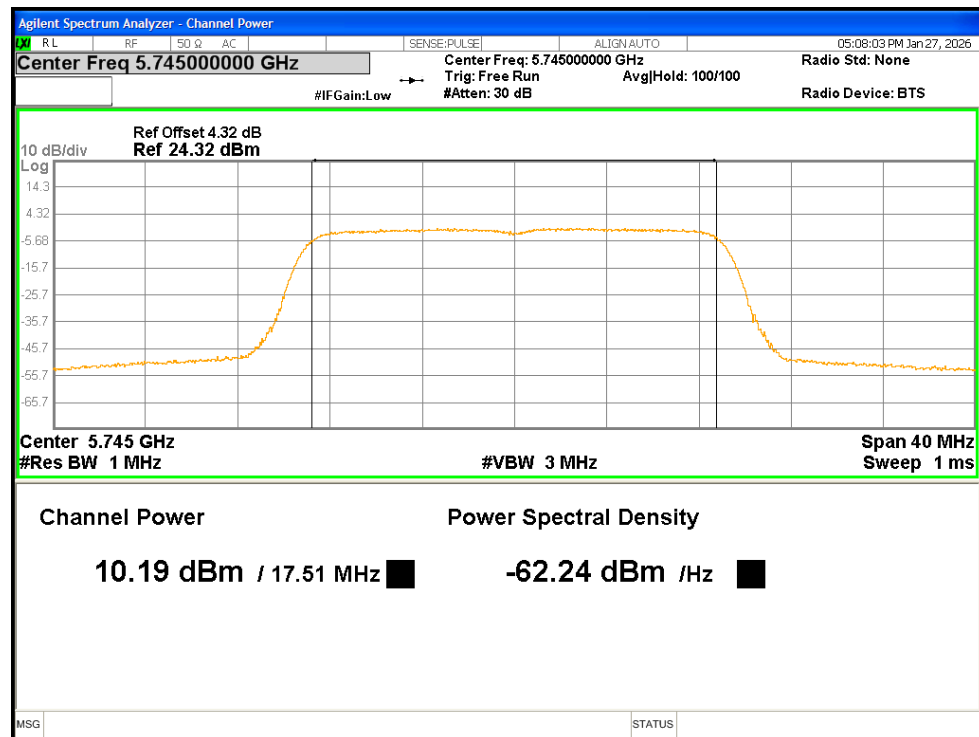
Power NVNT n40 5795MHz Ant1



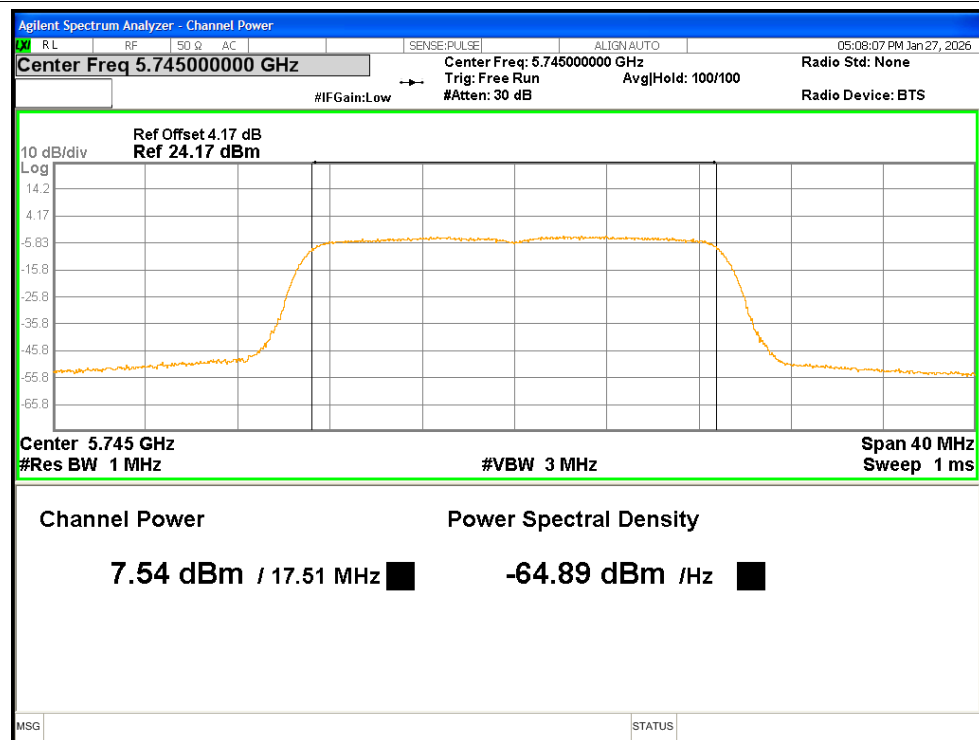
Power NVNT n40 5795MHz Ant2



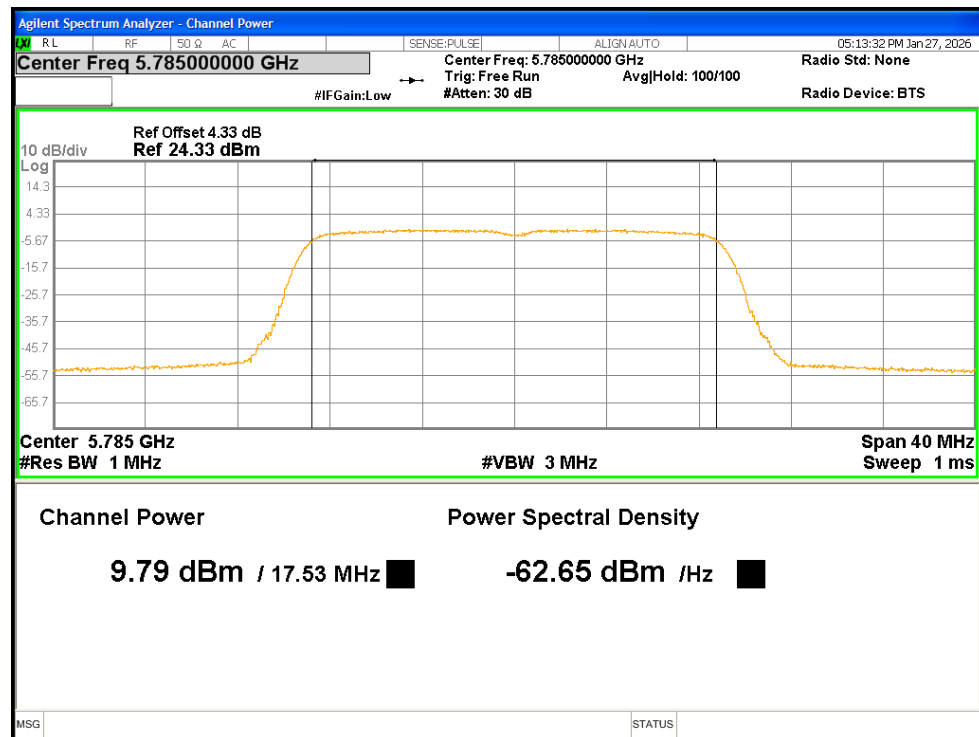
Power NVNT ac20 5745MHz Ant1



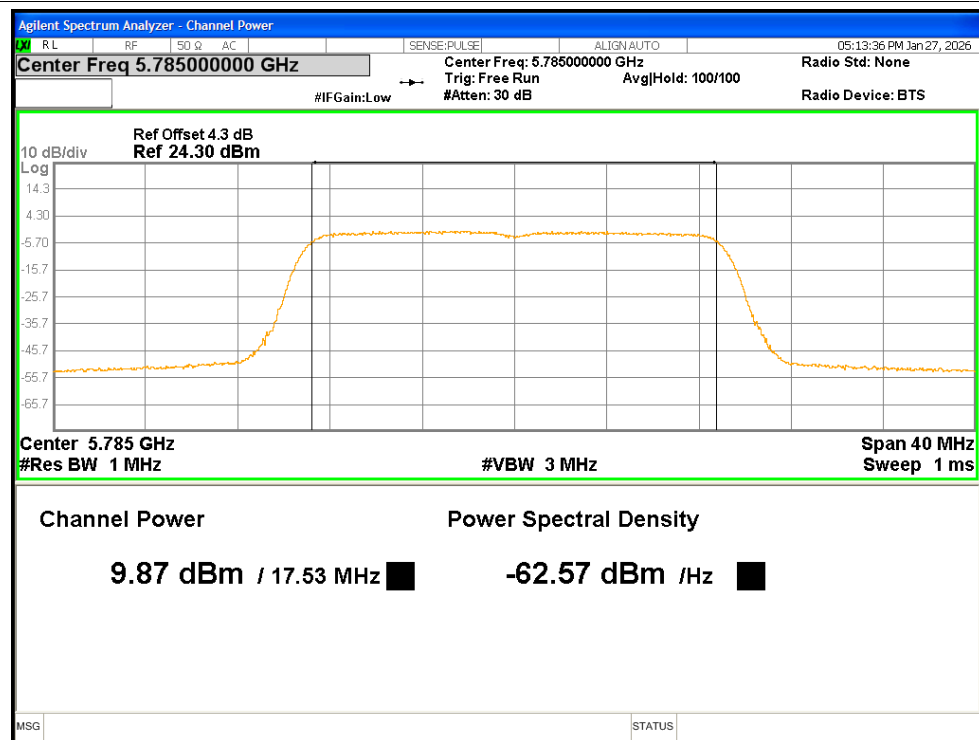
Power NVNT ac20 5745MHz Ant2



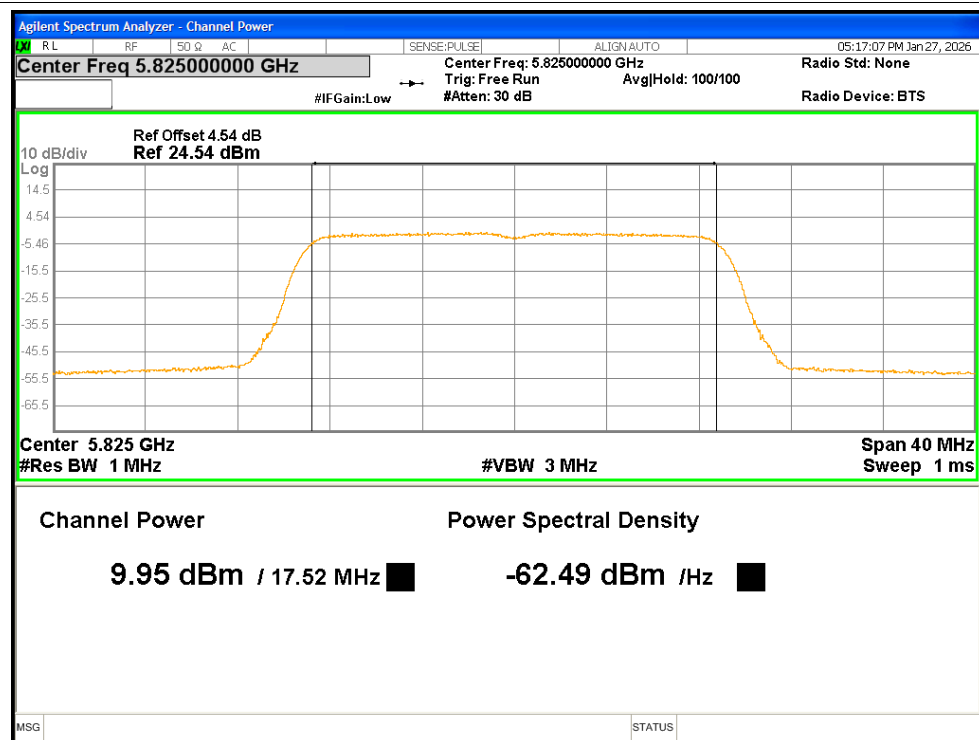
Power NVNT ac20 5785MHz Ant1



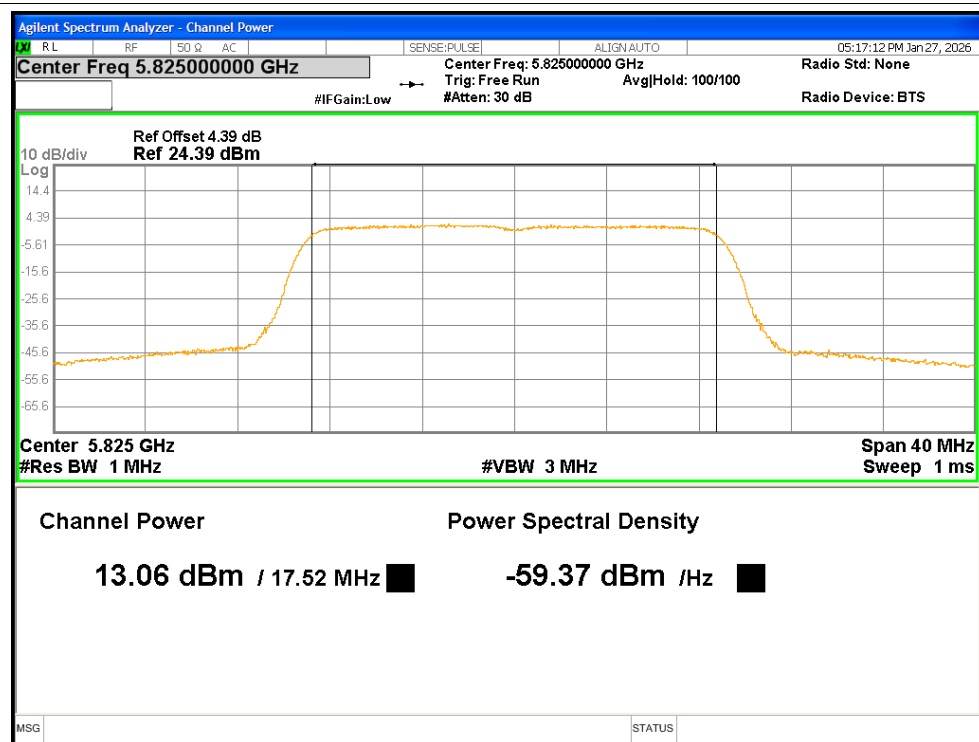
Power NVNT ac20 5785MHz Ant2



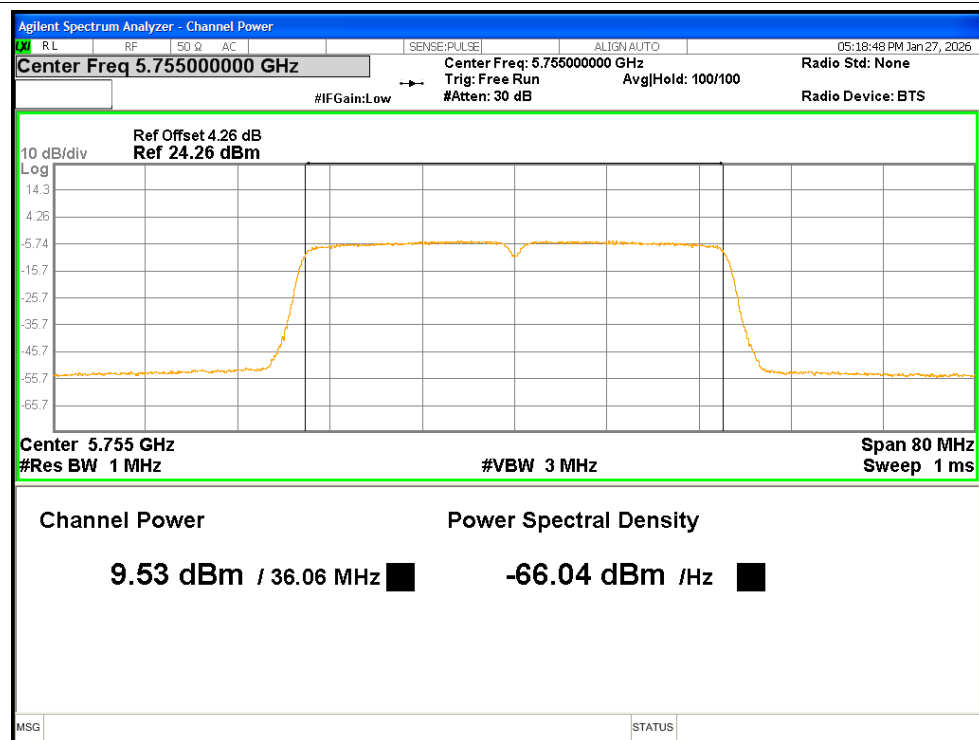
Power NVNT ac20 5825MHz Ant1



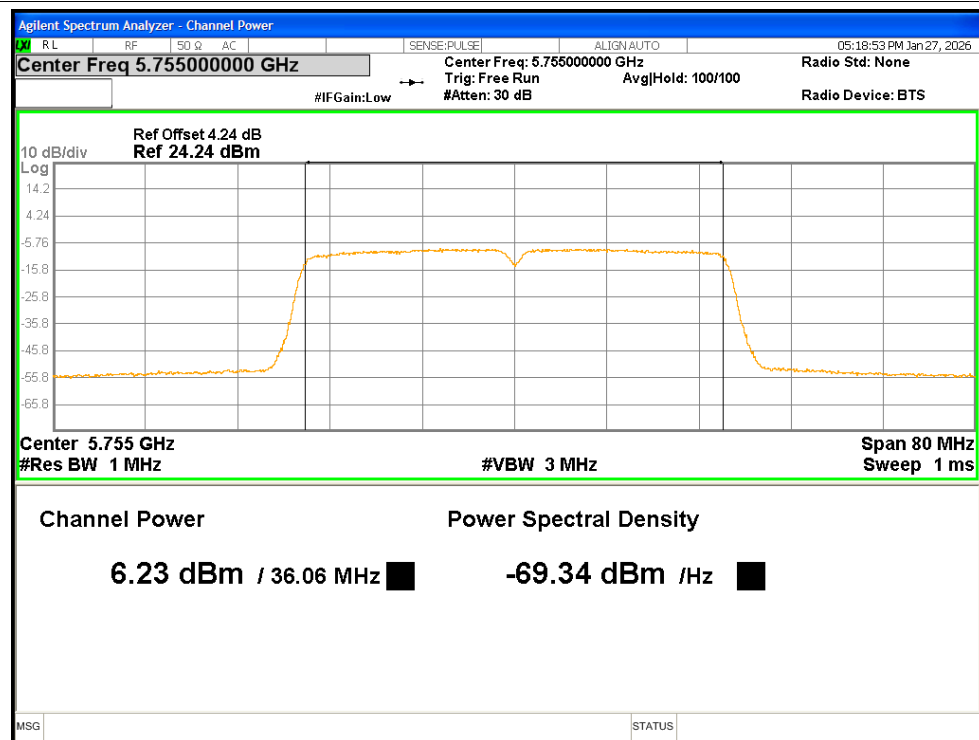
Power NVNT ac20 5825MHz Ant2



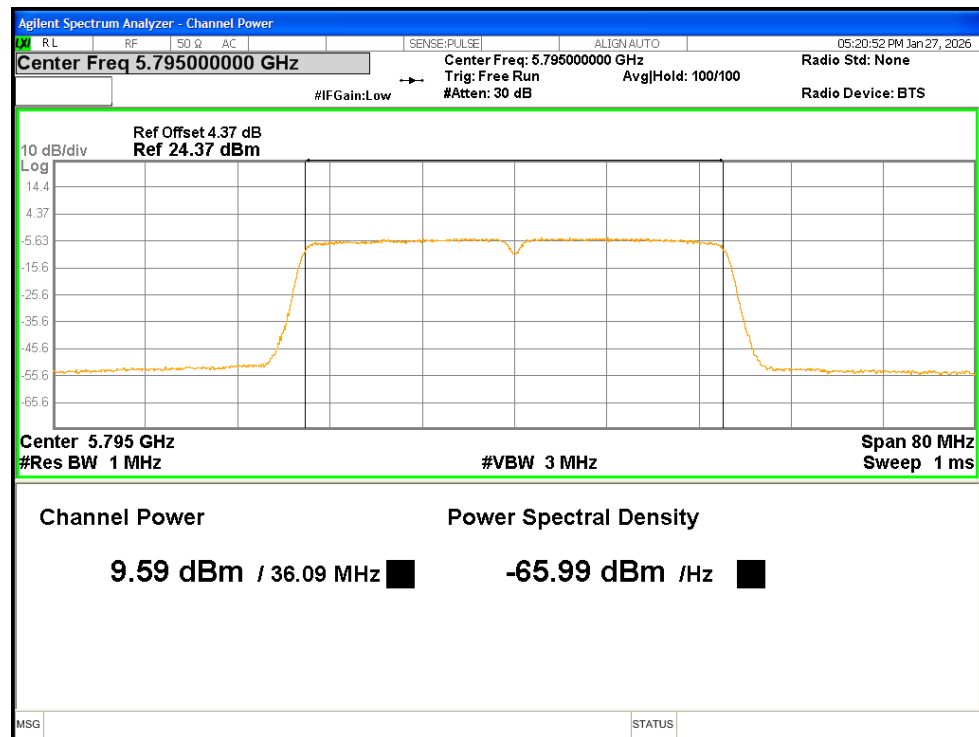
Power NVNT ac40 5755MHz Ant1



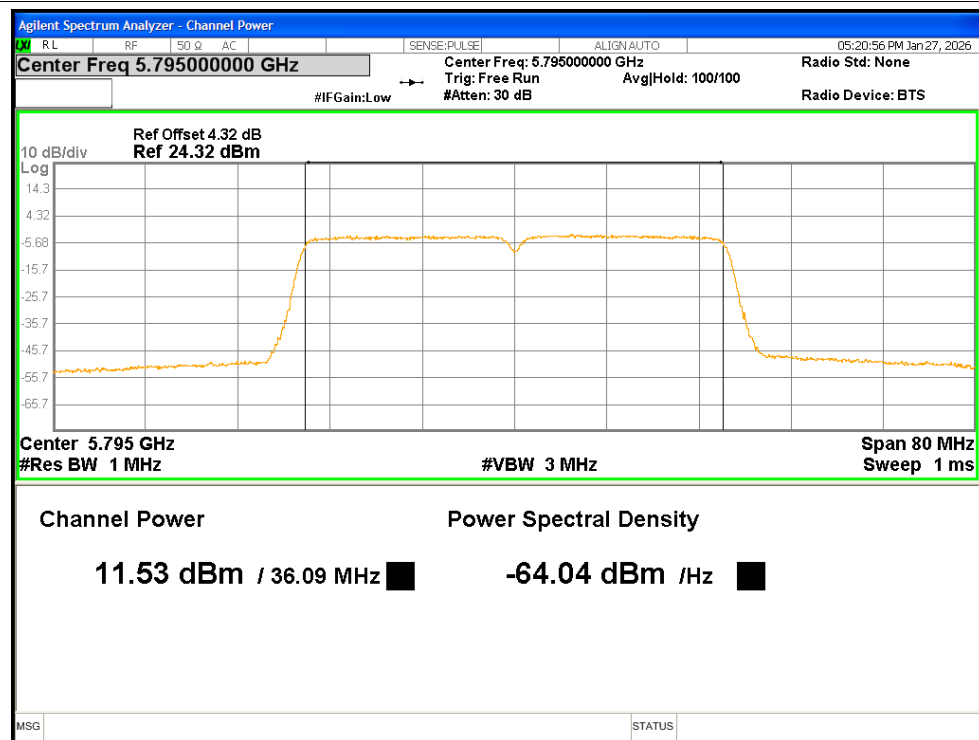
Power NVNT ac40 5755MHz Ant2



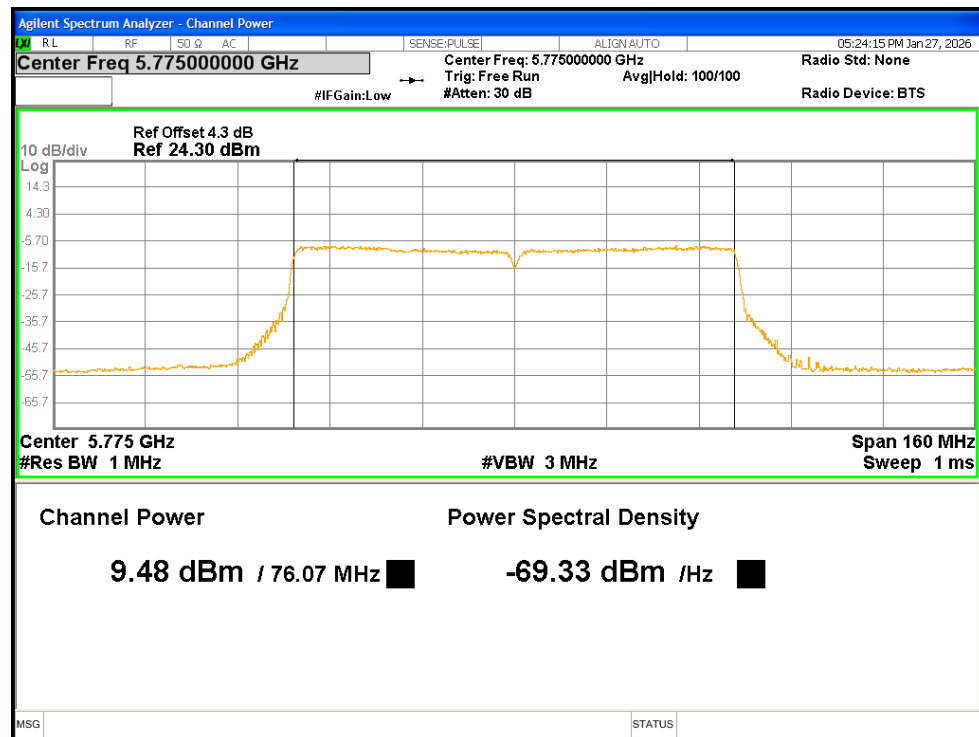
Power NVNT ac40 5795MHz Ant1



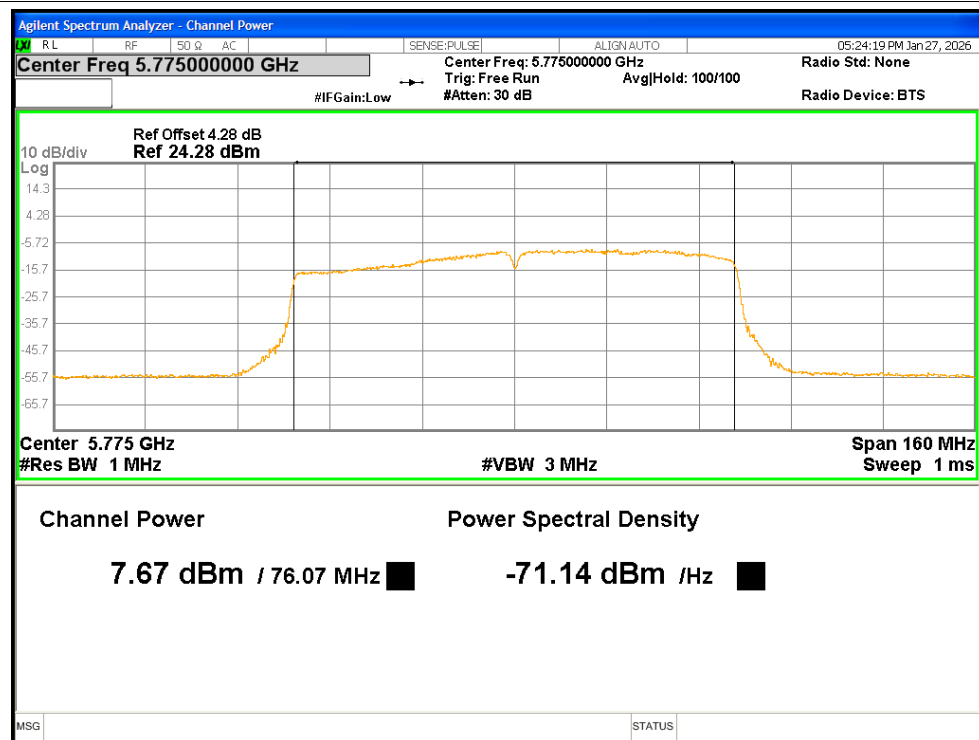
Power NVNT ac40 5795MHz Ant2



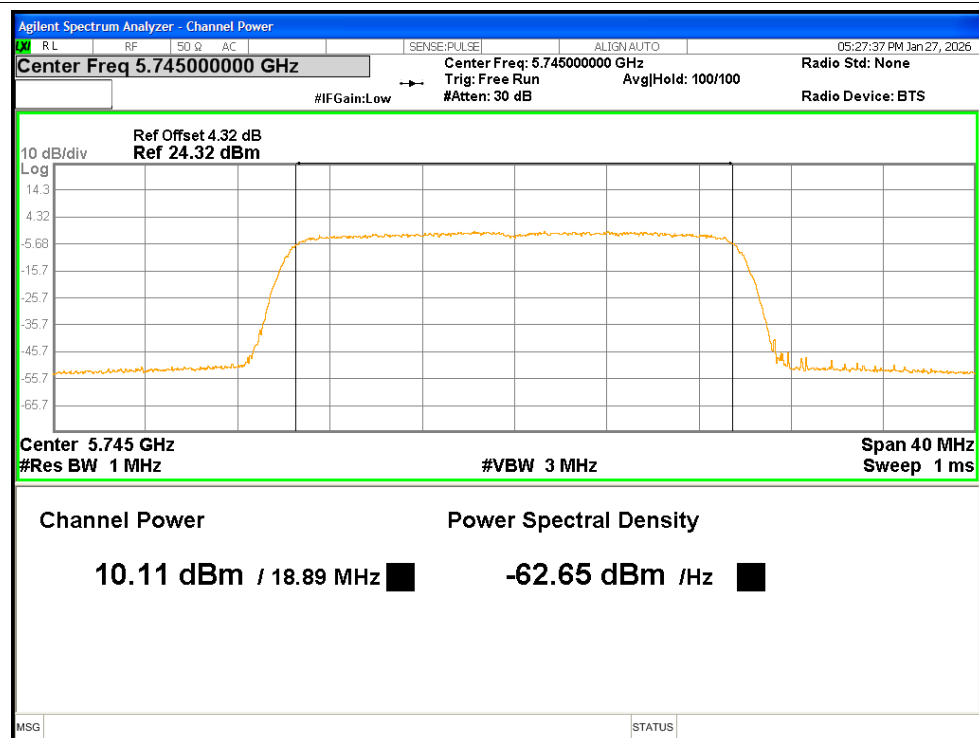
Power NVNT ac80 5775MHz Ant1



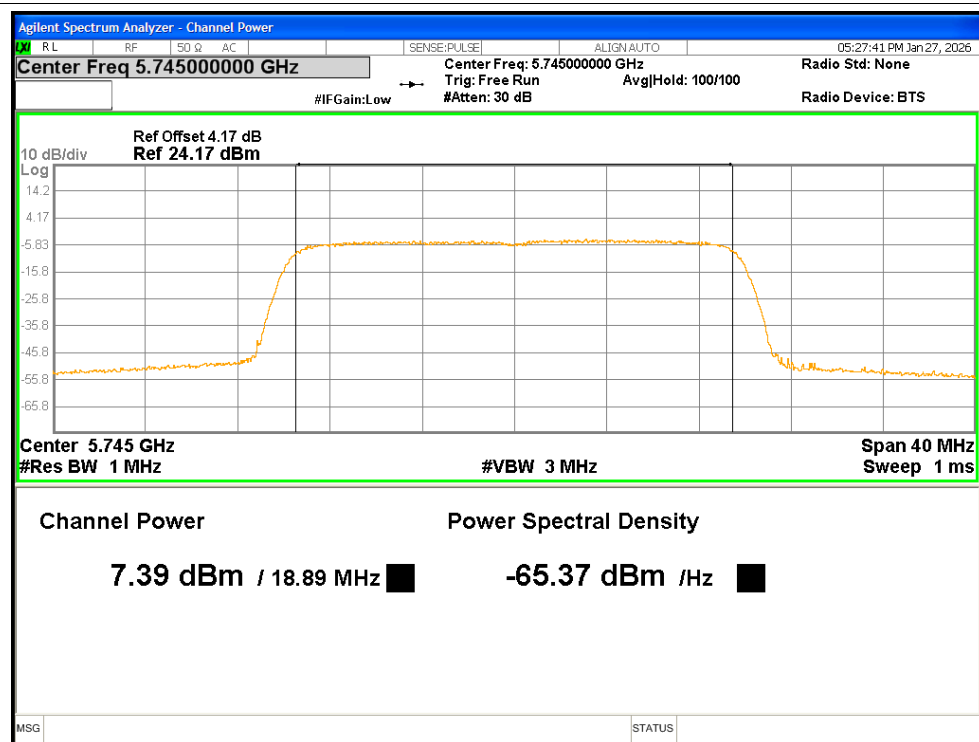
Power NVNT ac80 5775MHz Ant2



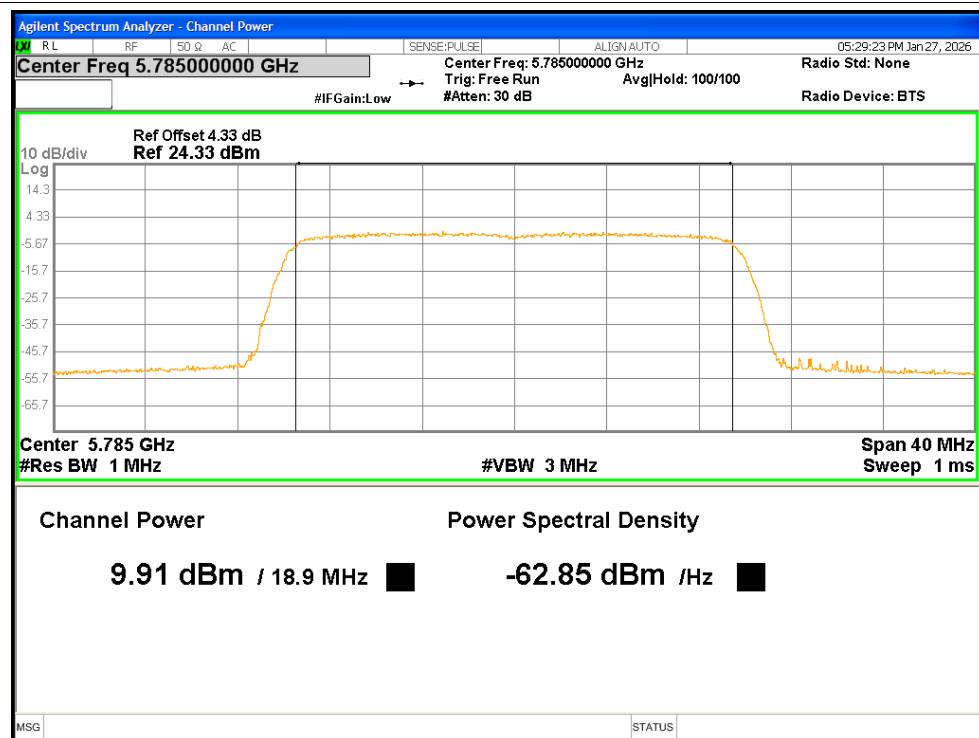
Power NVNT ax20 5745MHz Ant1



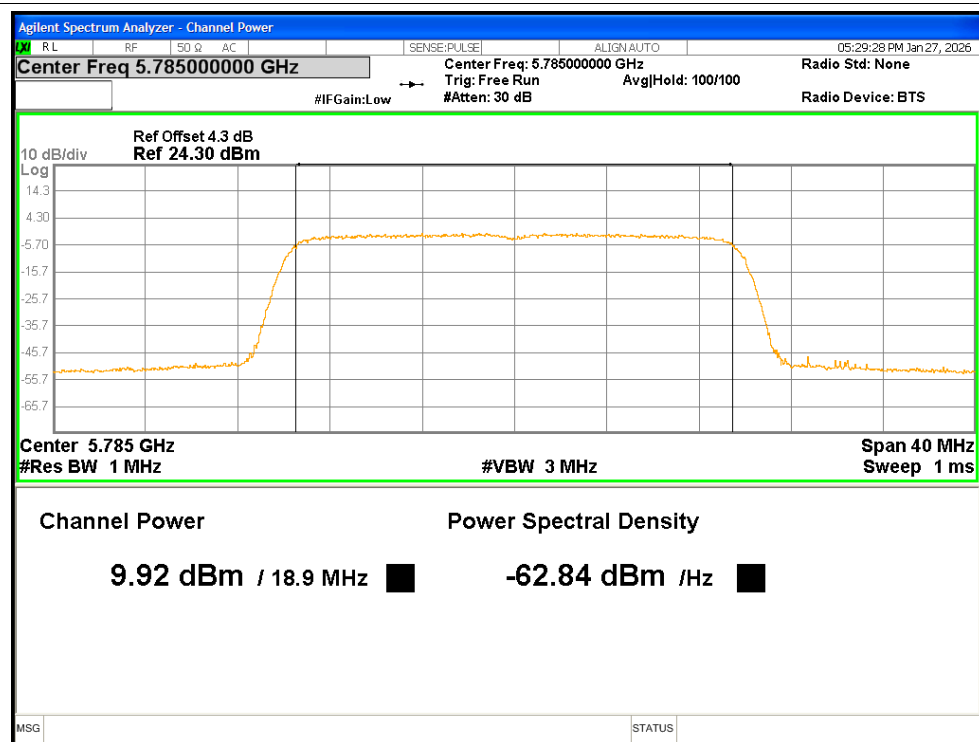
Power NVNT ax20 5745MHz Ant2



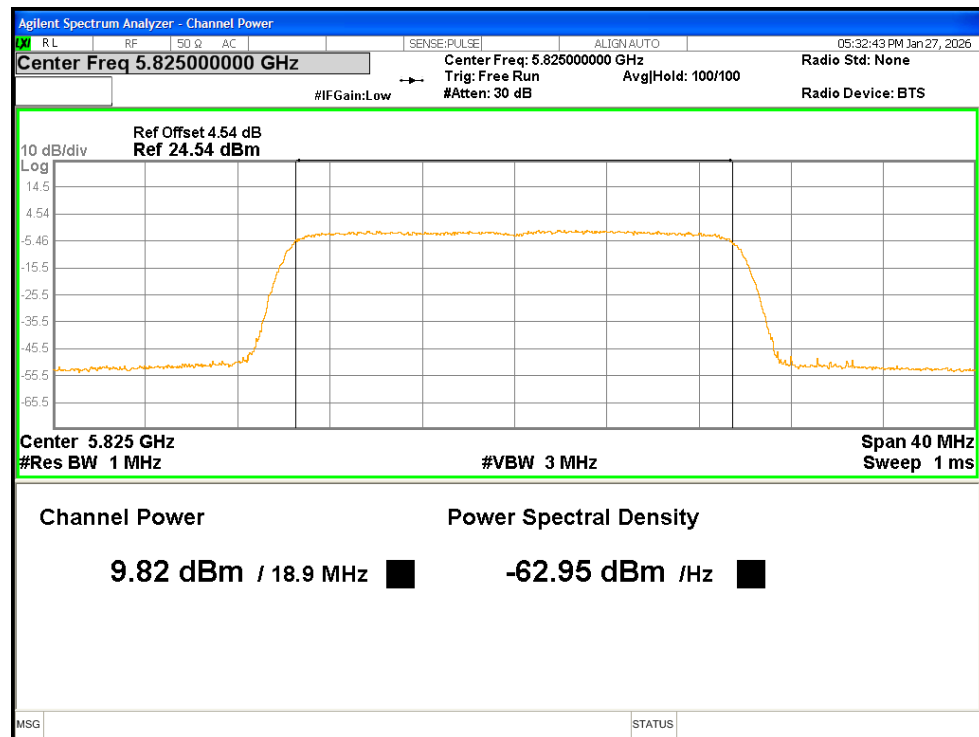
Power NVNT ax20 5785MHz Ant1



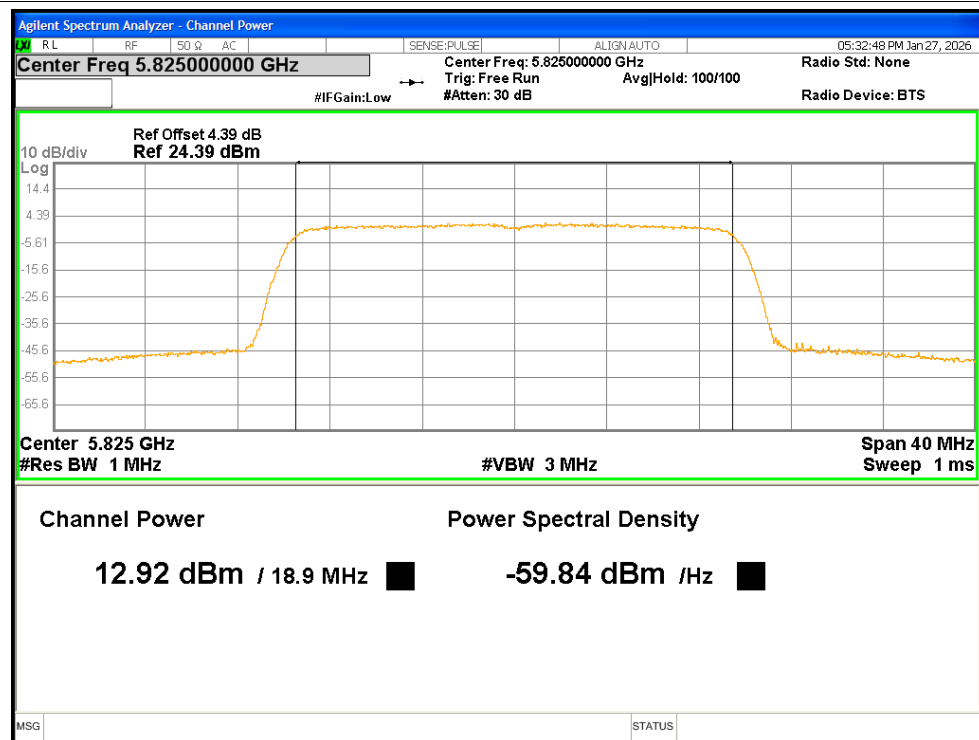
Power NVNT ax20 5785MHz Ant2



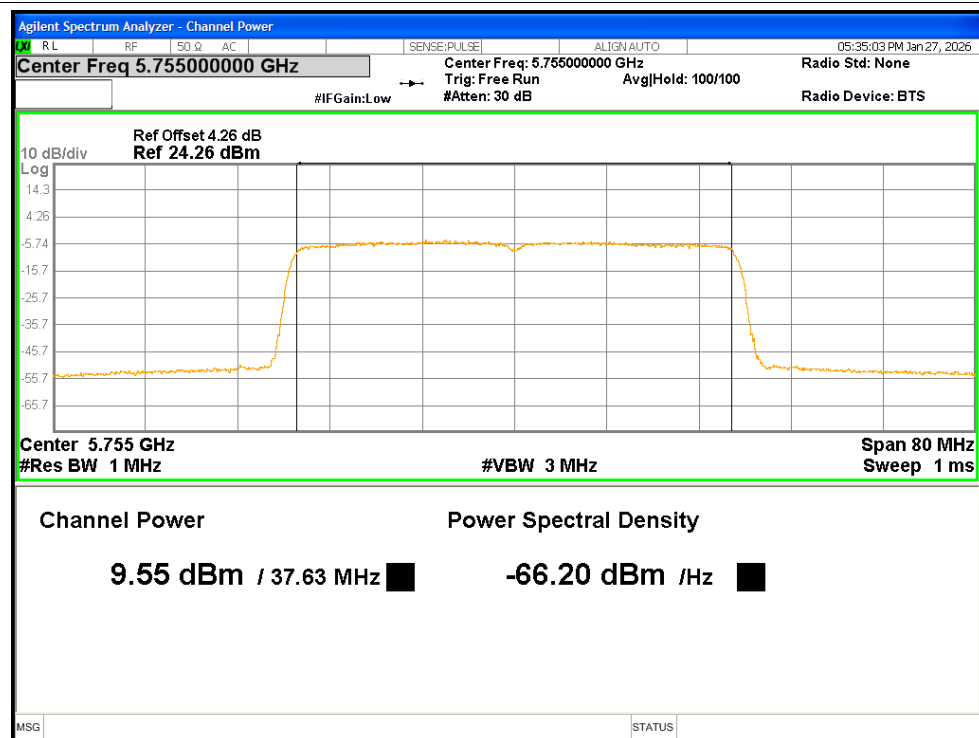
Power NVNT ax20 5825MHz Ant1



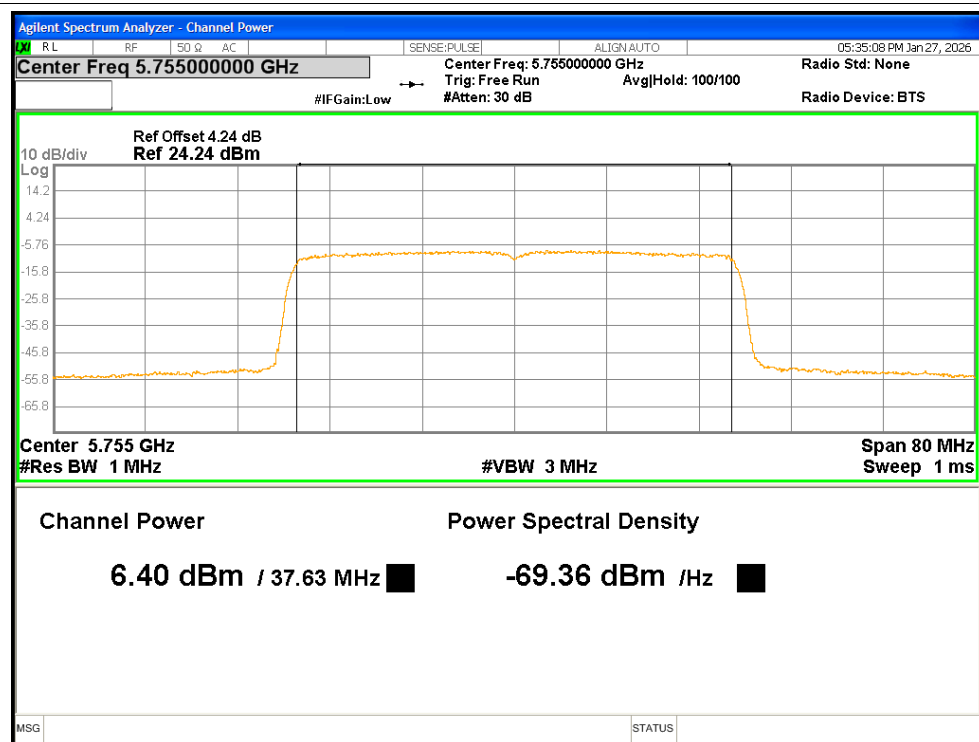
Power NVNT ax20 5825MHz Ant2



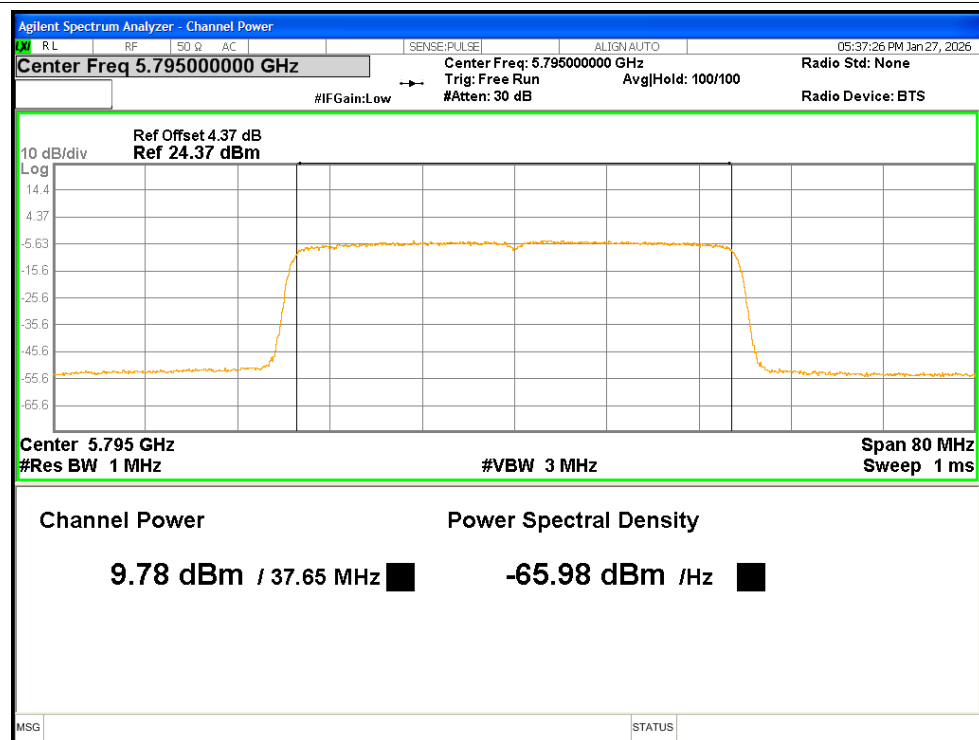
Power NVNT ax40 5755MHz Ant1



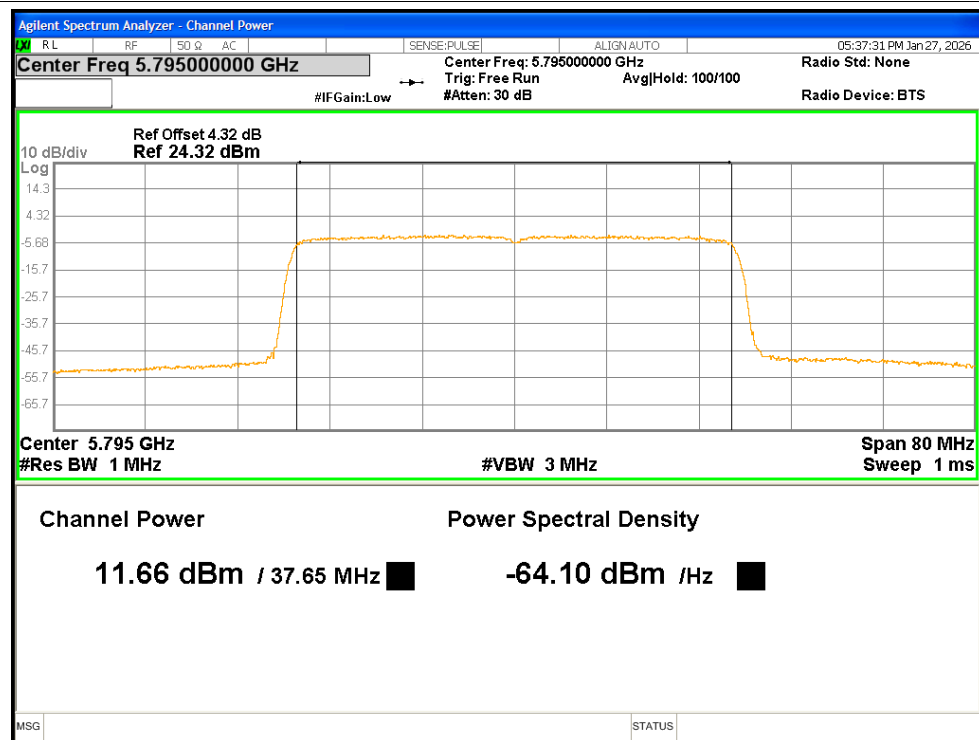
Power NVNT ax40 5755MHz Ant2



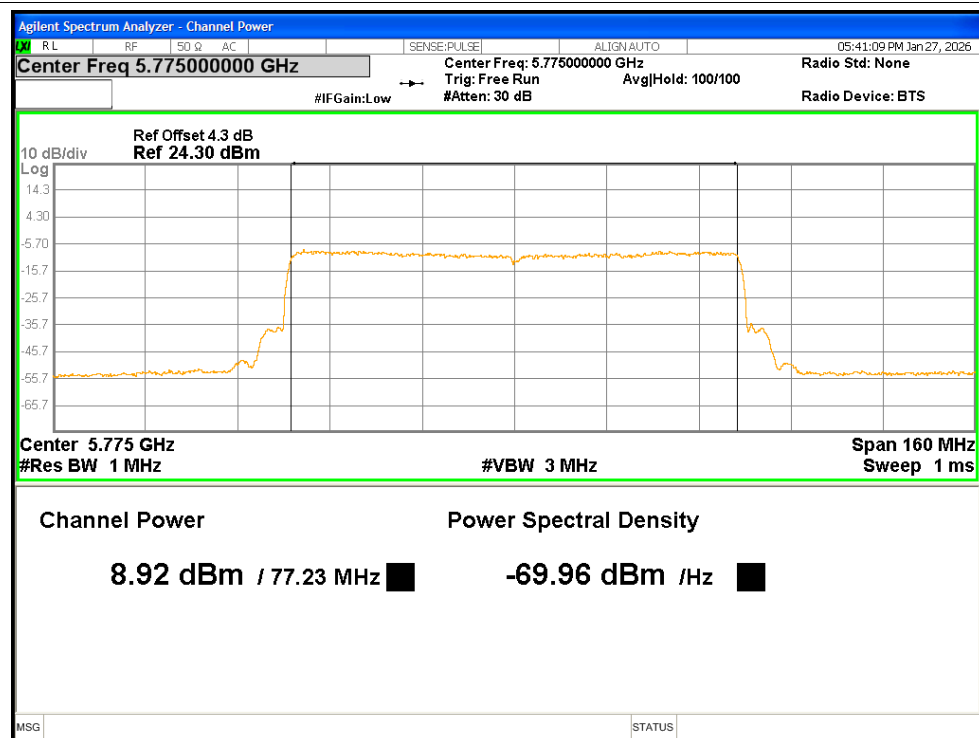
Power NVNT ax40 5795MHz Ant1



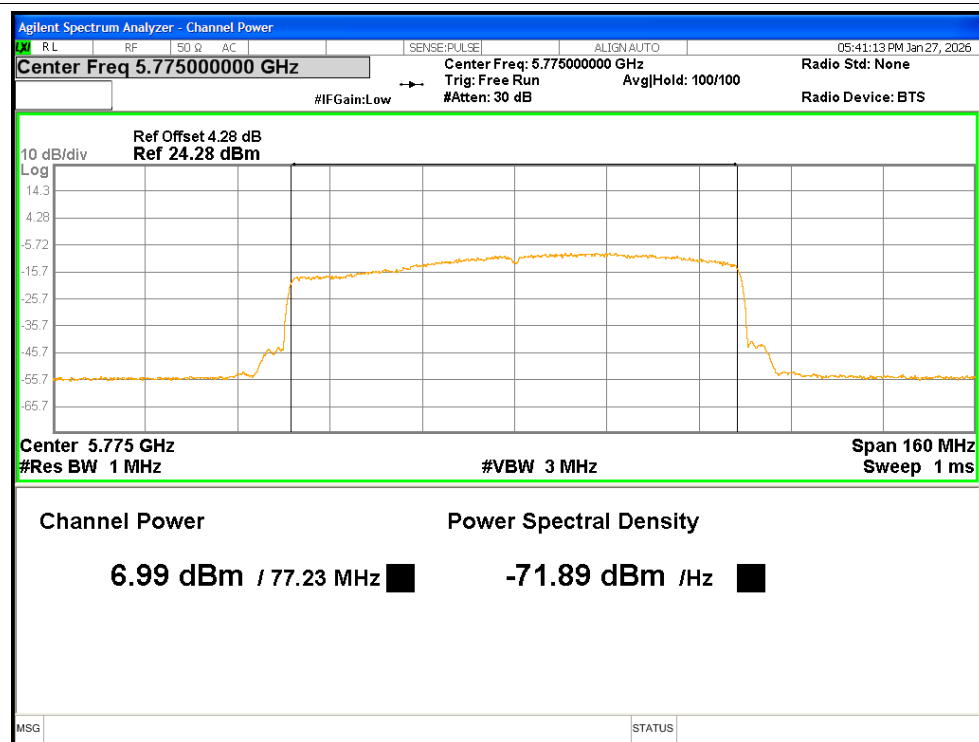
Power NVNT ax40 5795MHz Ant2



Power NVNT ax80 5775MHz Ant1



Power NVNT ax80 5775MHz Ant2

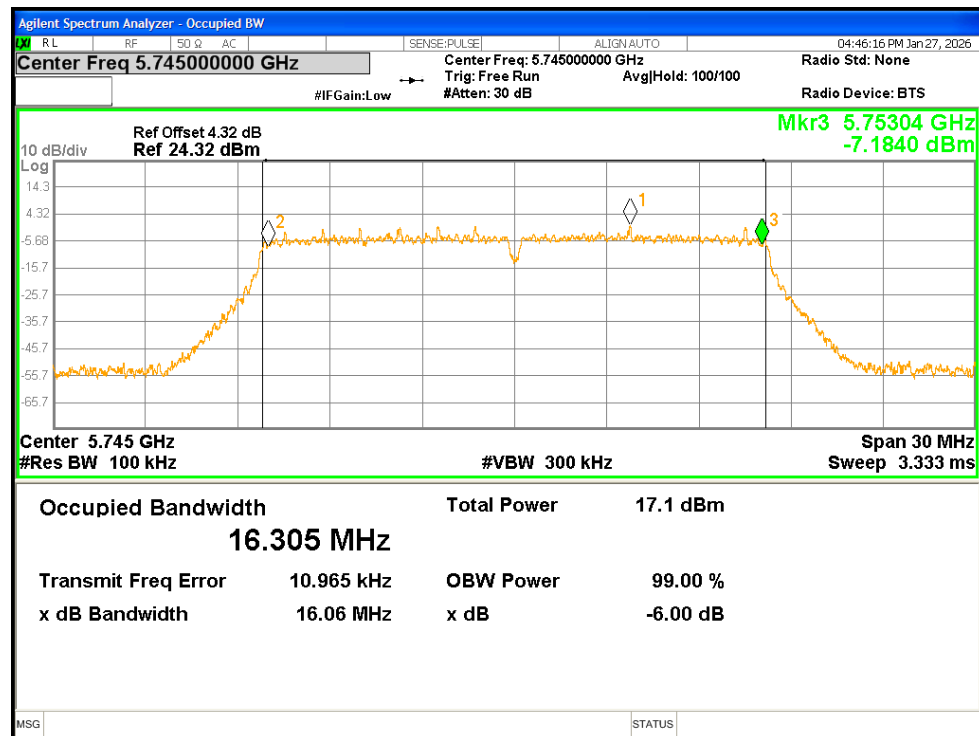


-6dB Bandwidth

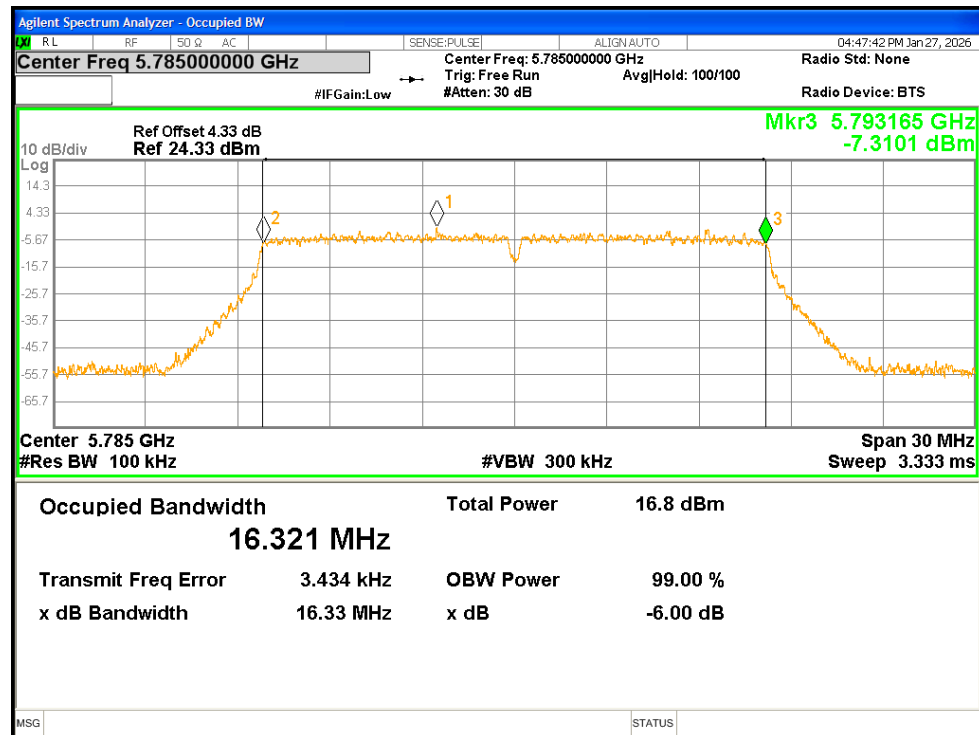
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.06	>=0.5	Pass
NVNT	a	5785	Ant1	16.33	>=0.5	Pass
NVNT	a	5825	Ant1	16.31	>=0.5	Pass
NVNT	a	5745	Ant2	16.05	>=0.5	Pass
NVNT	a	5785	Ant2	16.31	>=0.5	Pass
NVNT	a	5825	Ant2	16.33	>=0.5	Pass
NVNT	n20	5745	Ant1	16.96	>=0.5	Pass
NVNT	n20	5745	Ant2	17.28	>=0.5	Pass
NVNT	n20	5785	Ant1	17.54	>=0.5	Pass
NVNT	n20	5785	Ant2	17.24	>=0.5	Pass
NVNT	n20	5825	Ant1	17.14	>=0.5	Pass
NVNT	n20	5825	Ant2	17.54	>=0.5	Pass
NVNT	n40	5755	Ant1	35.7	>=0.5	Pass
NVNT	n40	5755	Ant2	35.49	>=0.5	Pass
NVNT	n40	5795	Ant1	35.89	>=0.5	Pass
NVNT	n40	5795	Ant2	36	>=0.5	Pass
NVNT	ac20	5745	Ant1	17.38	>=0.5	Pass
NVNT	ac20	5745	Ant2	16.93	>=0.5	Pass
NVNT	ac20	5785	Ant1	17.37	>=0.5	Pass
NVNT	ac20	5785	Ant2	17.37	>=0.5	Pass
NVNT	ac20	5825	Ant1	17.41	>=0.5	Pass
NVNT	ac20	5825	Ant2	17.41	>=0.5	Pass
NVNT	ac40	5755	Ant1	35.7	>=0.5	Pass
NVNT	ac40	5755	Ant2	35.71	>=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	76.13	>=0.5	Pass
NVNT	ac80	5775	Ant2	55.05	>=0.5	Pass
NVNT	ax20	5745	Ant1	17.91	>=0.5	Pass
NVNT	ax20	5745	Ant2	18.01	>=0.5	Pass
NVNT	ax20	5785	Ant1	17.92	>=0.5	Pass
NVNT	ax20	5785	Ant2	18.25	>=0.5	Pass
NVNT	ax20	5825	Ant1	18.23	>=0.5	Pass
NVNT	ax20	5825	Ant2	18.43	>=0.5	Pass
NVNT	ax40	5755	Ant1	36.57	>=0.5	Pass
NVNT	ax40	5755	Ant2	37.49	>=0.5	Pass
NVNT	ax40	5795	Ant1	37.49	>=0.5	Pass
NVNT	ax40	5795	Ant2	36.59	>=0.5	Pass
NVNT	ax80	5775	Ant1	77.35	>=0.5	Pass
NVNT	ax80	5775	Ant2	53.85	>=0.5	Pass

Test Graphs

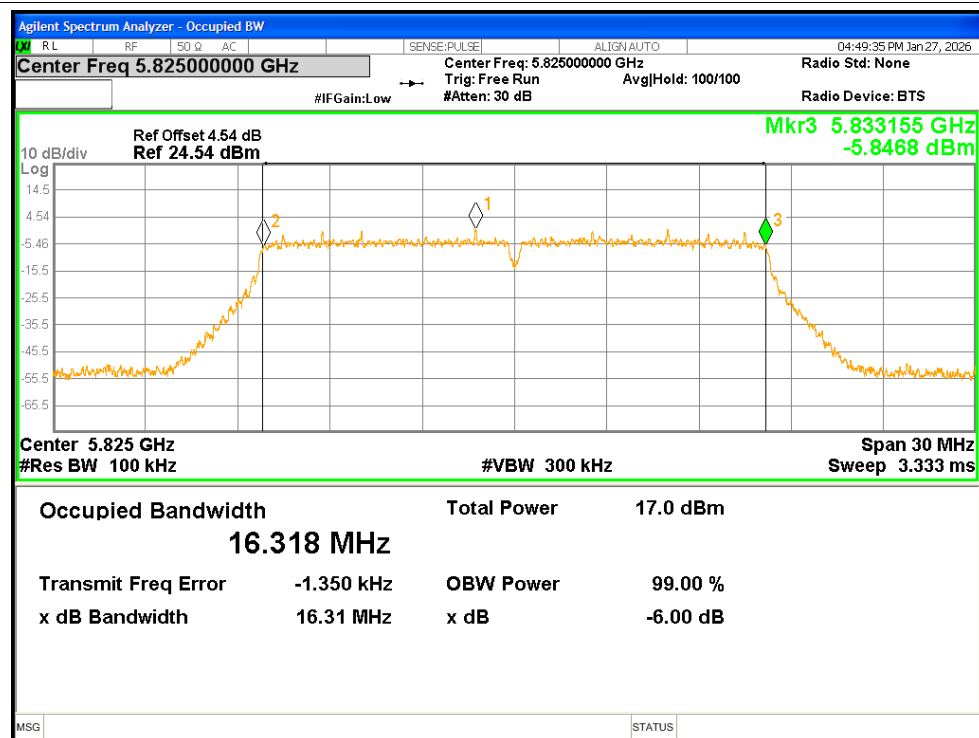
-6dB Bandwidth NVNT a 5745MHz Ant1



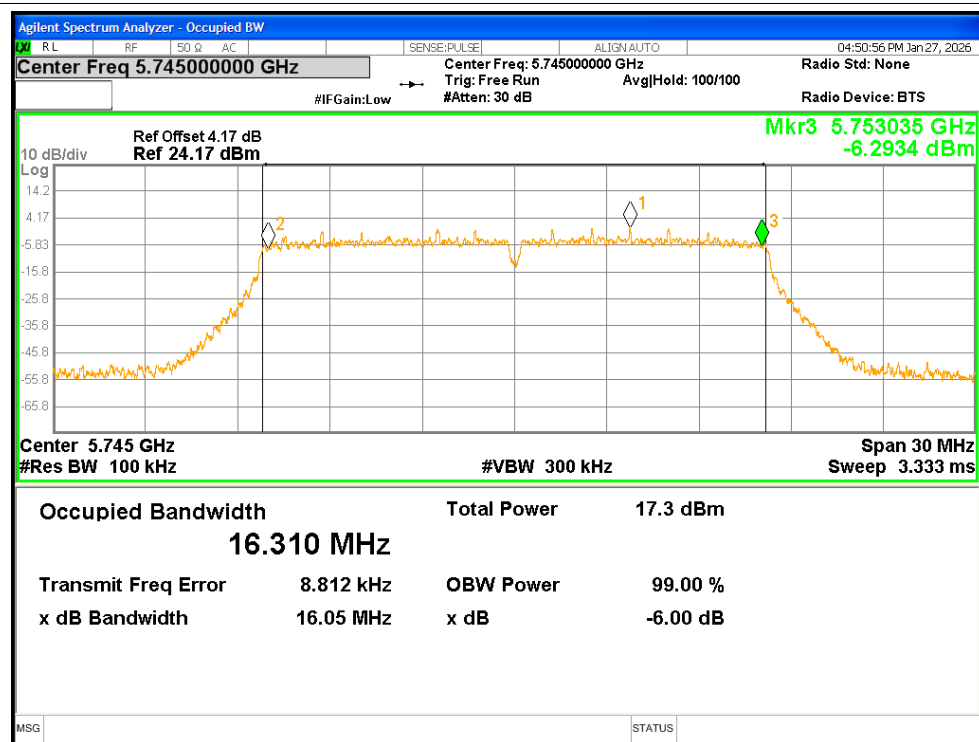
-6dB Bandwidth NVNT a 5785MHz Ant1



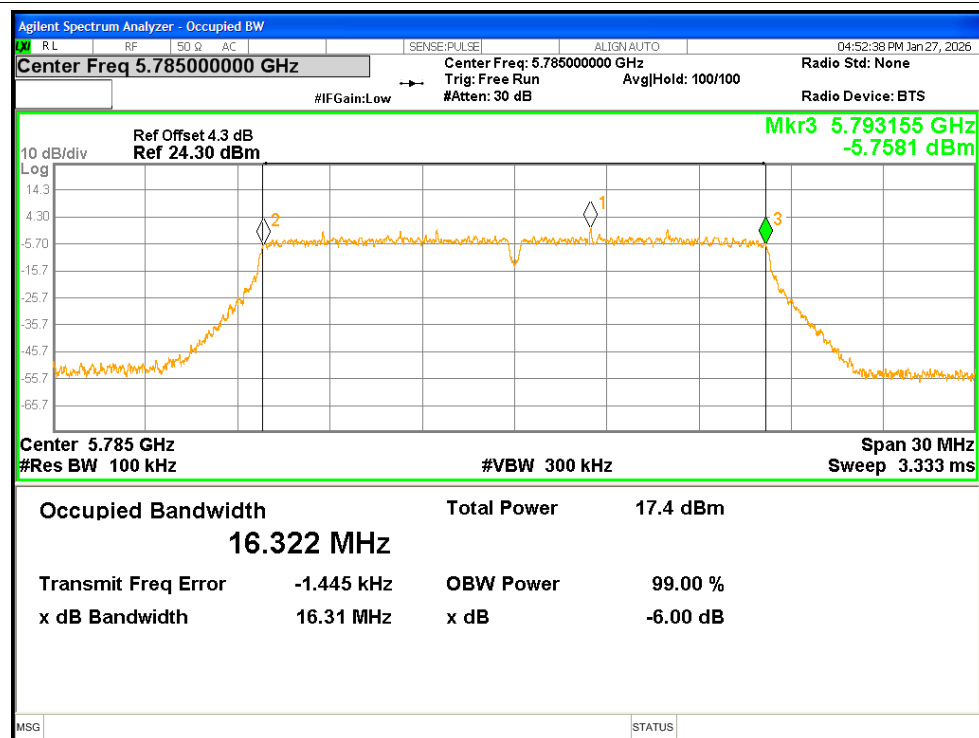
-6dB Bandwidth NVNT a 5825MHz Ant1



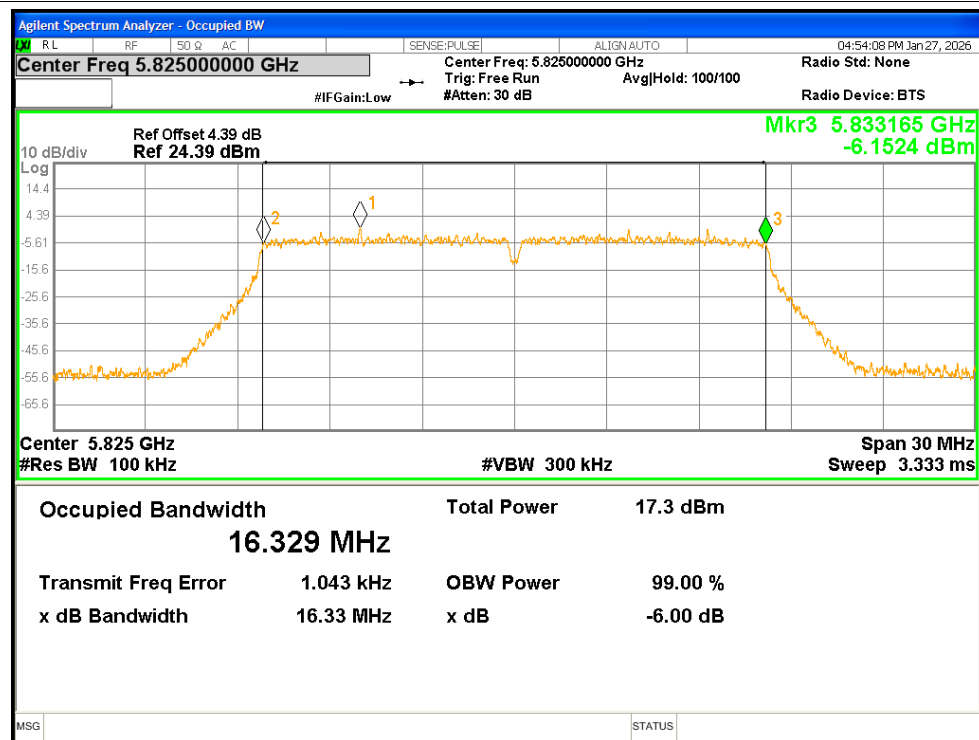
-6dB Bandwidth NVNT a 5745MHz Ant2



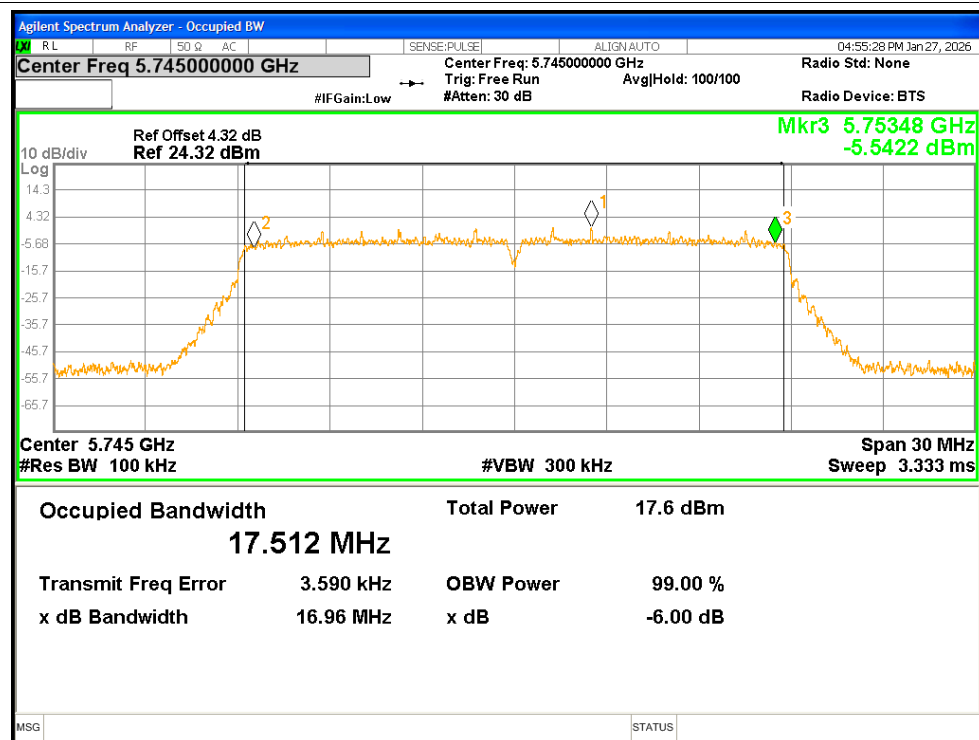
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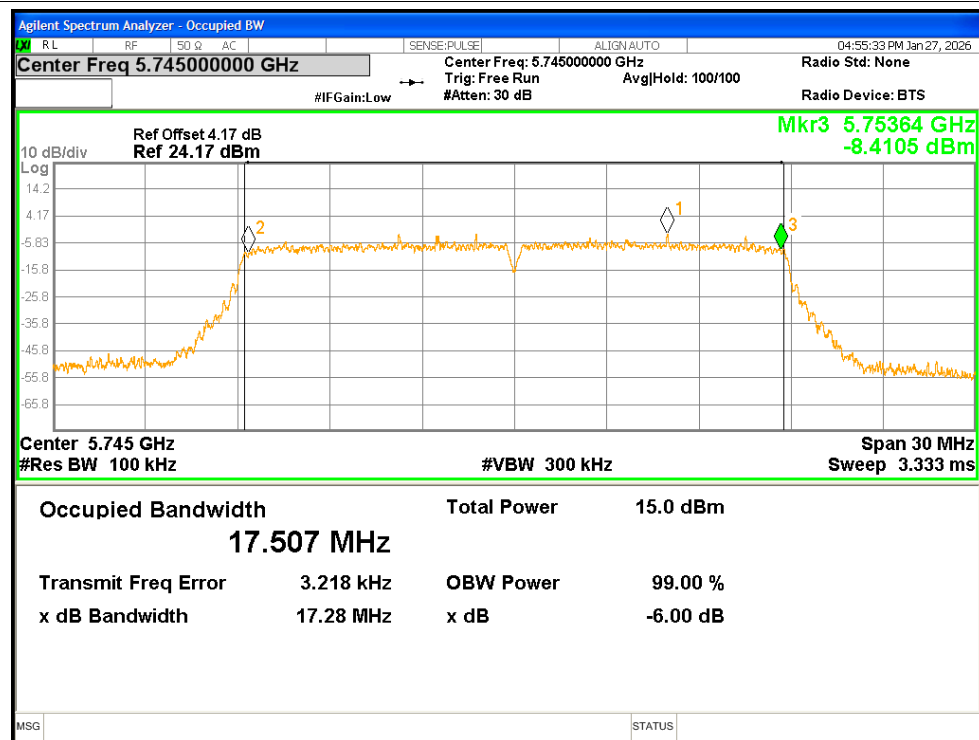
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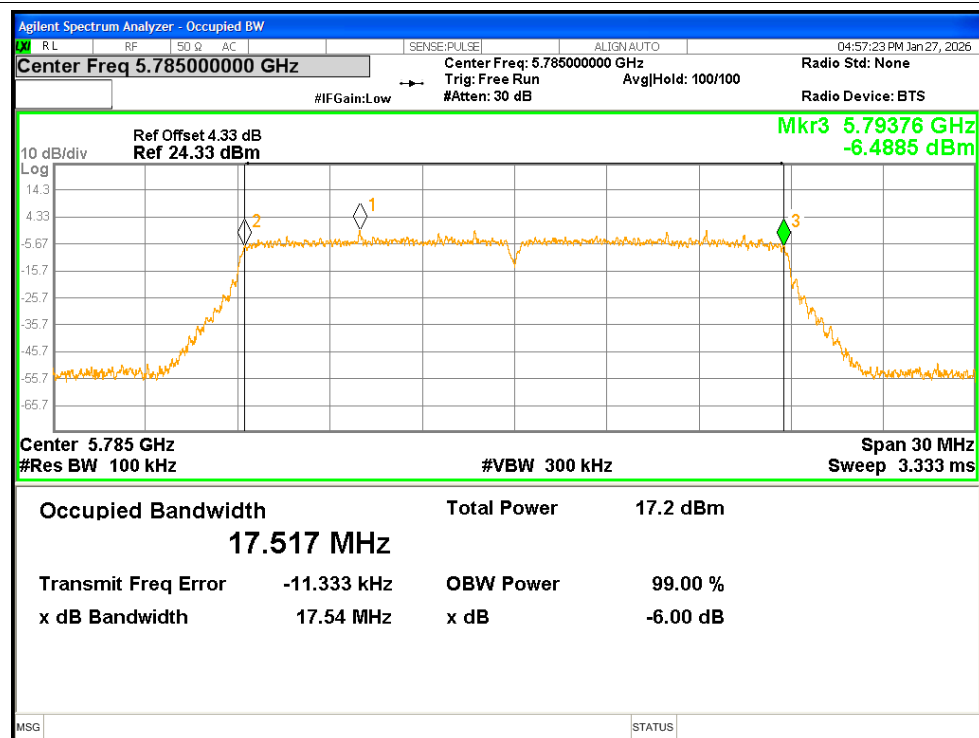
-6dB Bandwidth NVNT n20 5745MHz Ant1



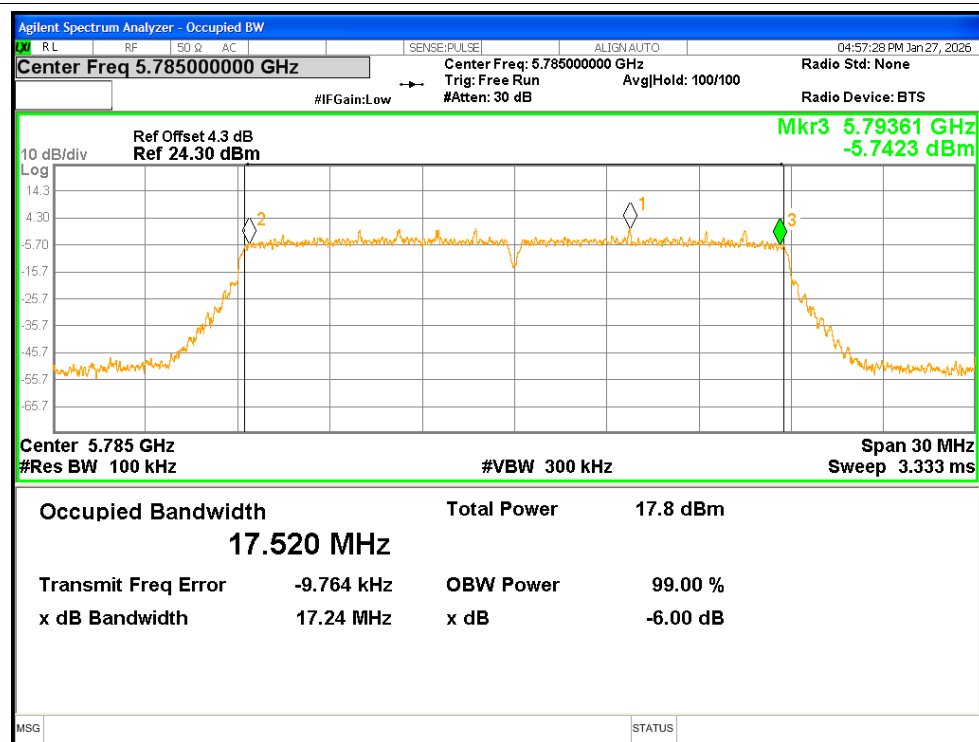
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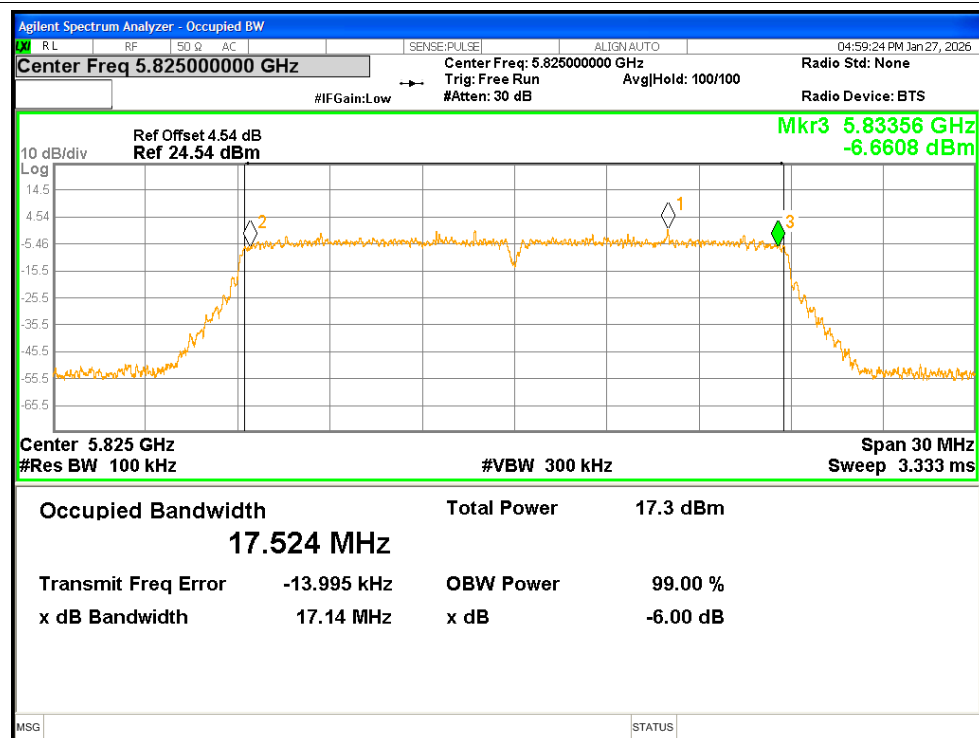
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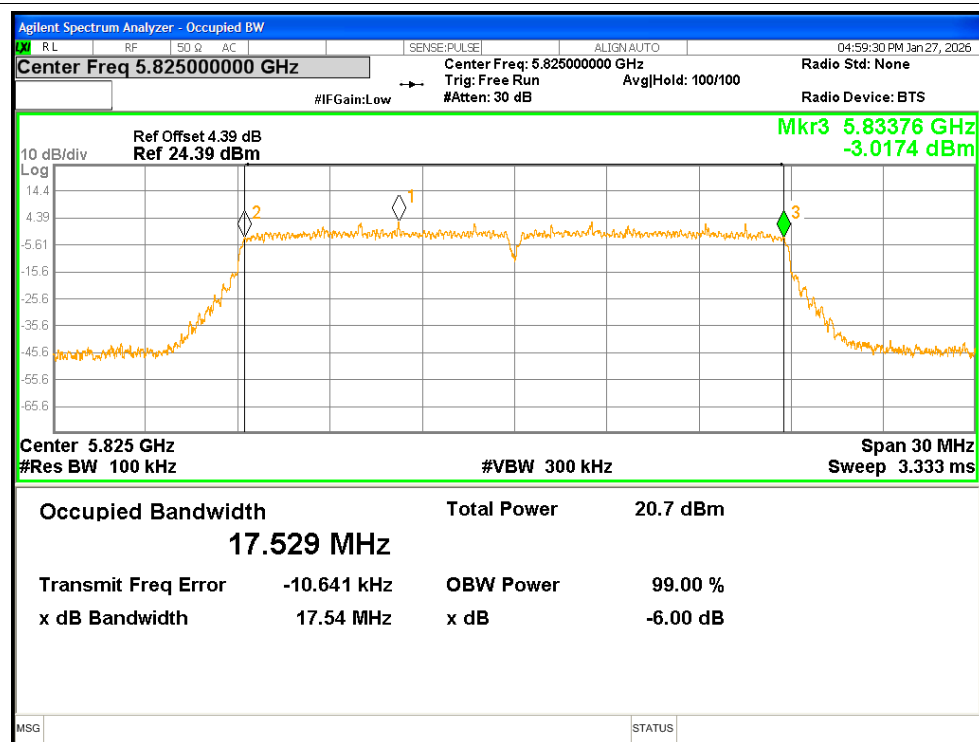
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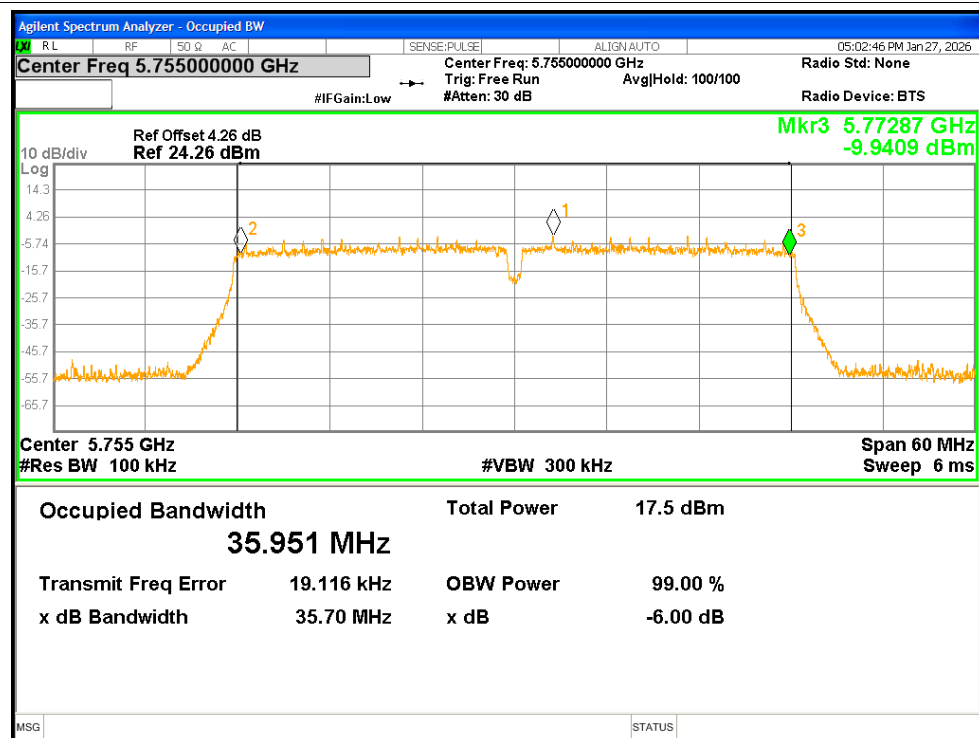
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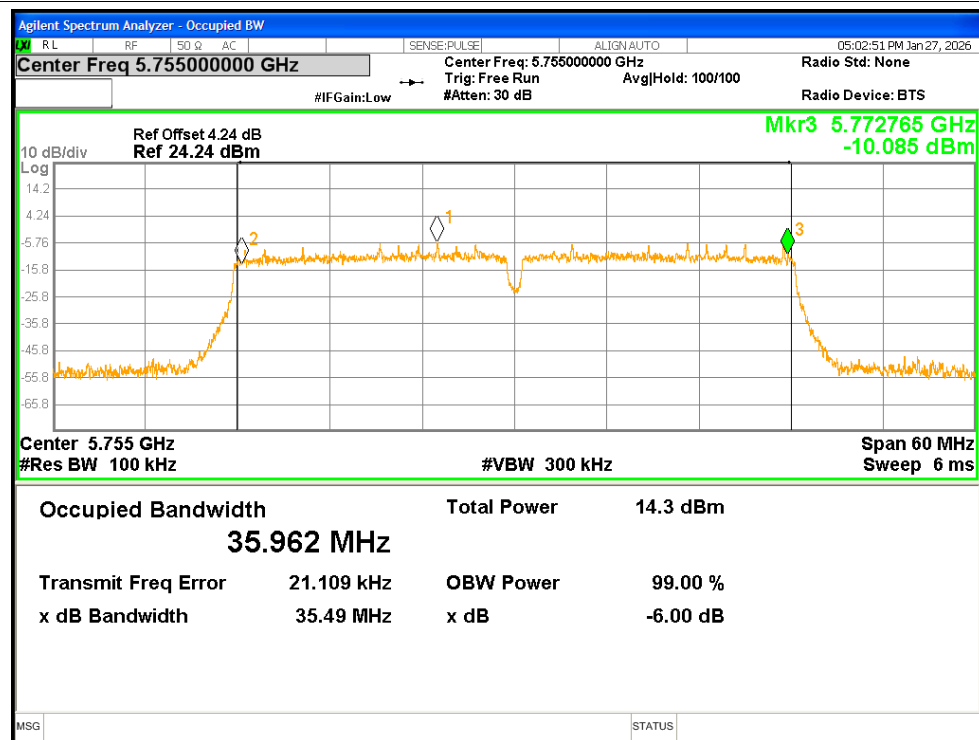
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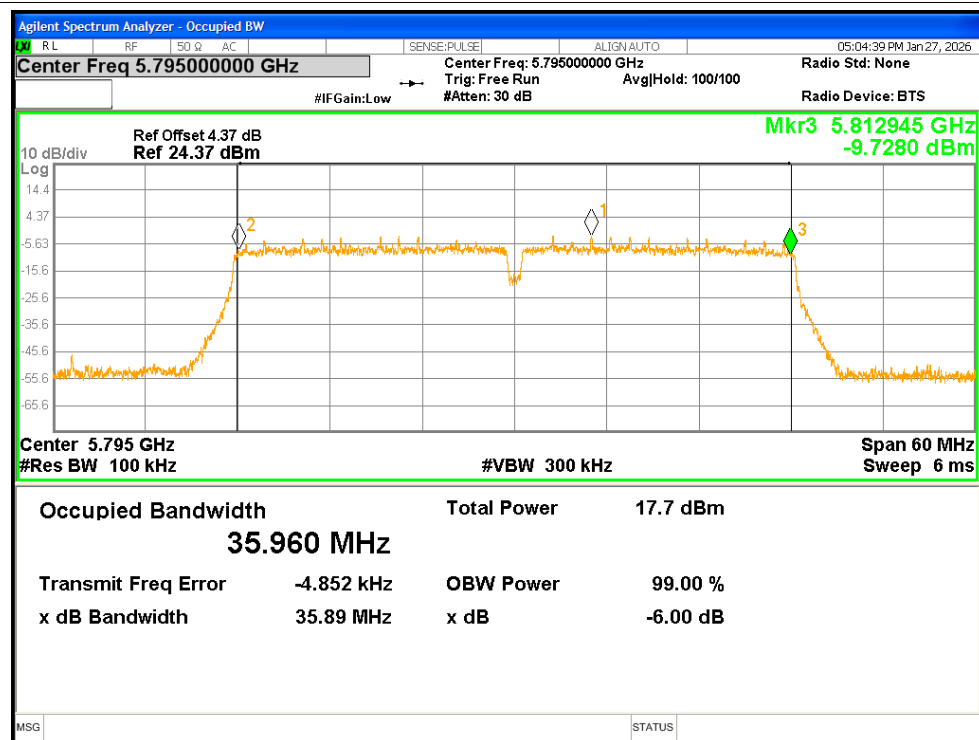
-6dB Bandwidth NVNT n40 5755MHz Ant1



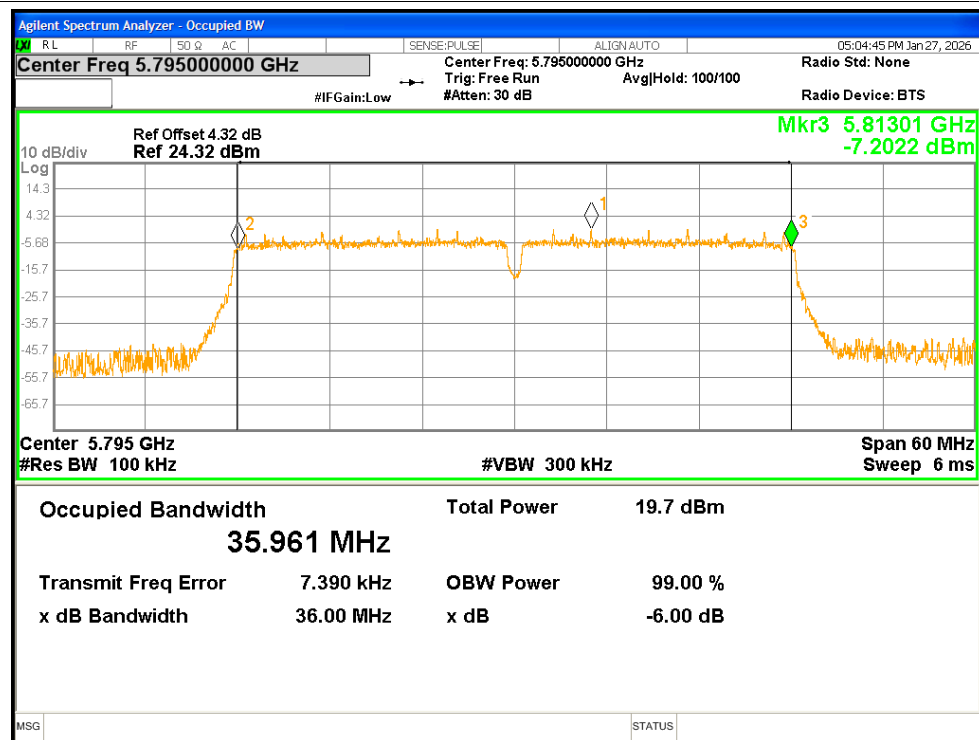
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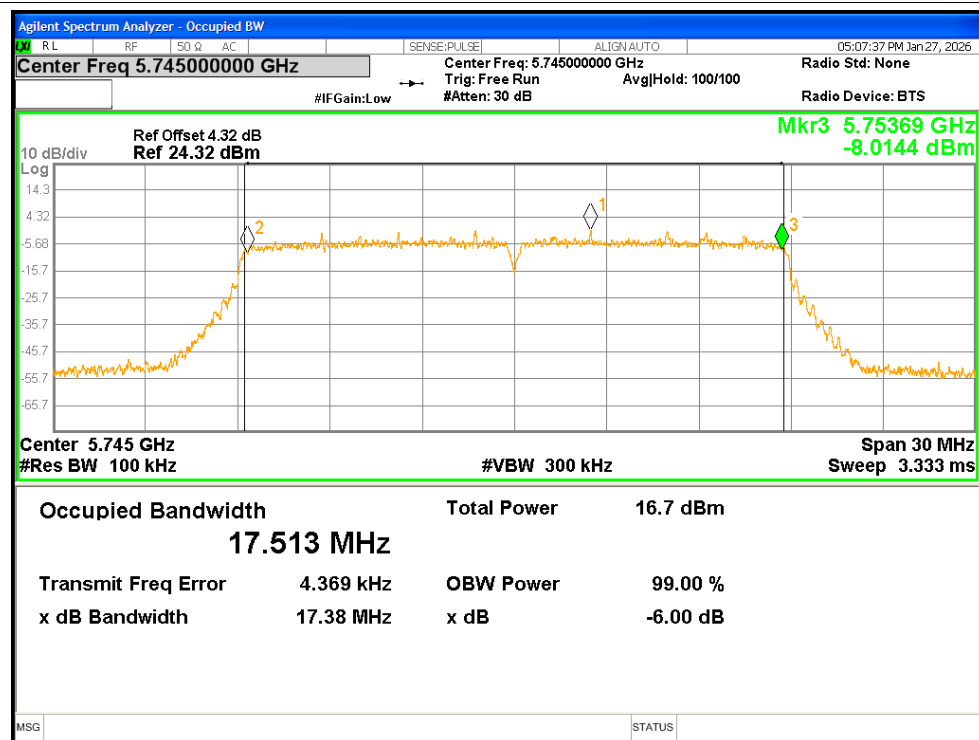
-6dB Bandwidth NVNT n40 5795MHz Ant1



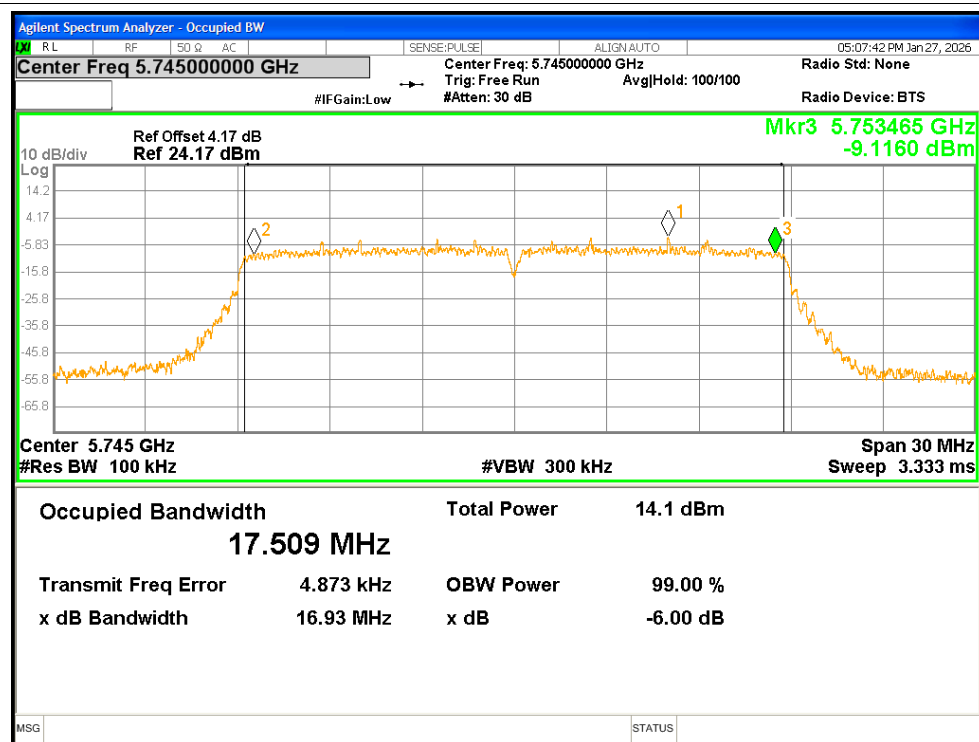
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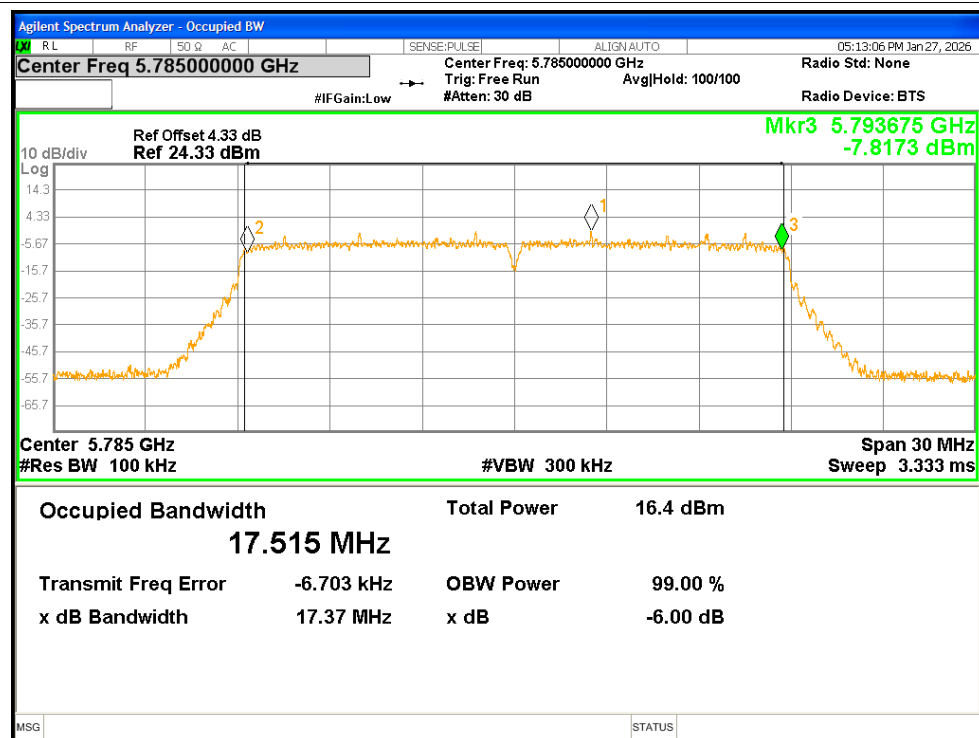
-6dB Bandwidth NVNT ac20 5745MHz Ant1



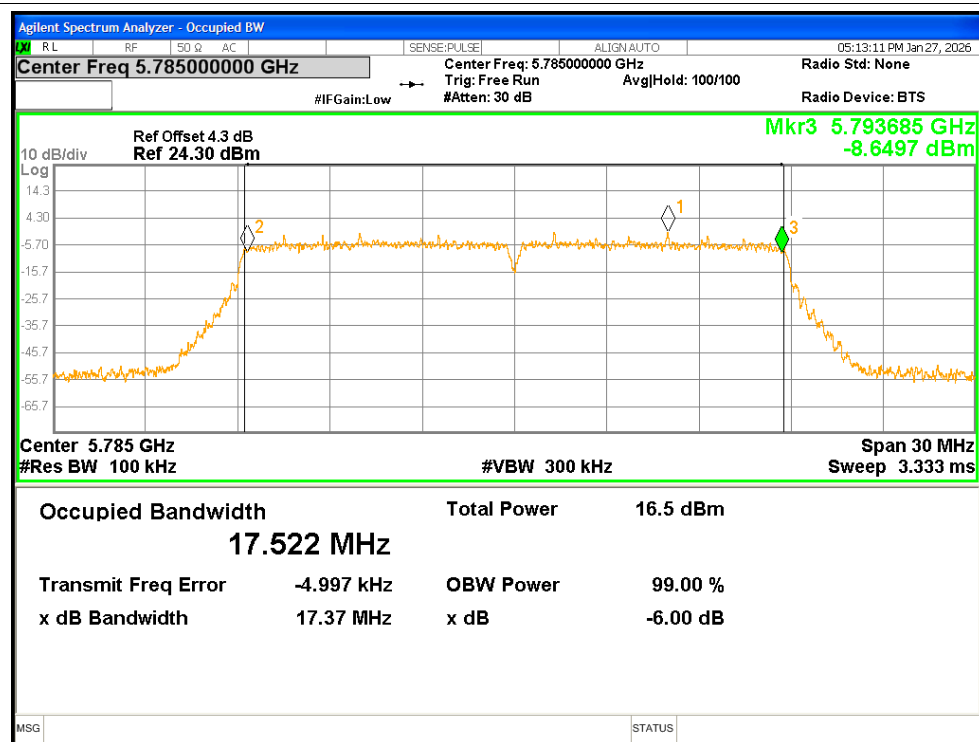
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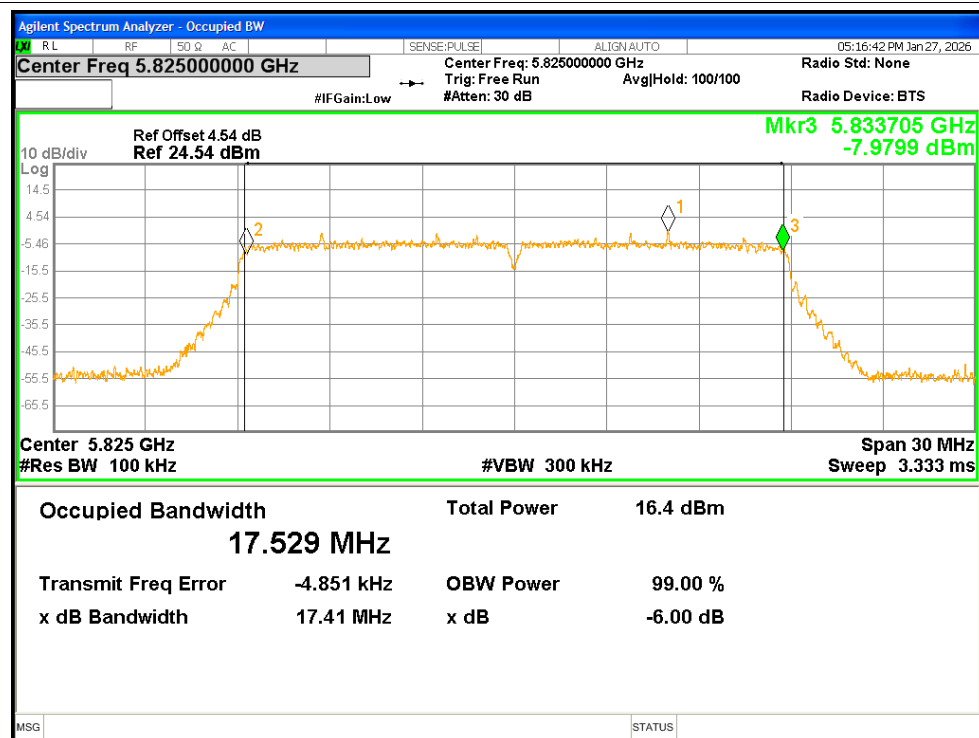
-6dB Bandwidth NVNT ac20 5785MHz Ant1



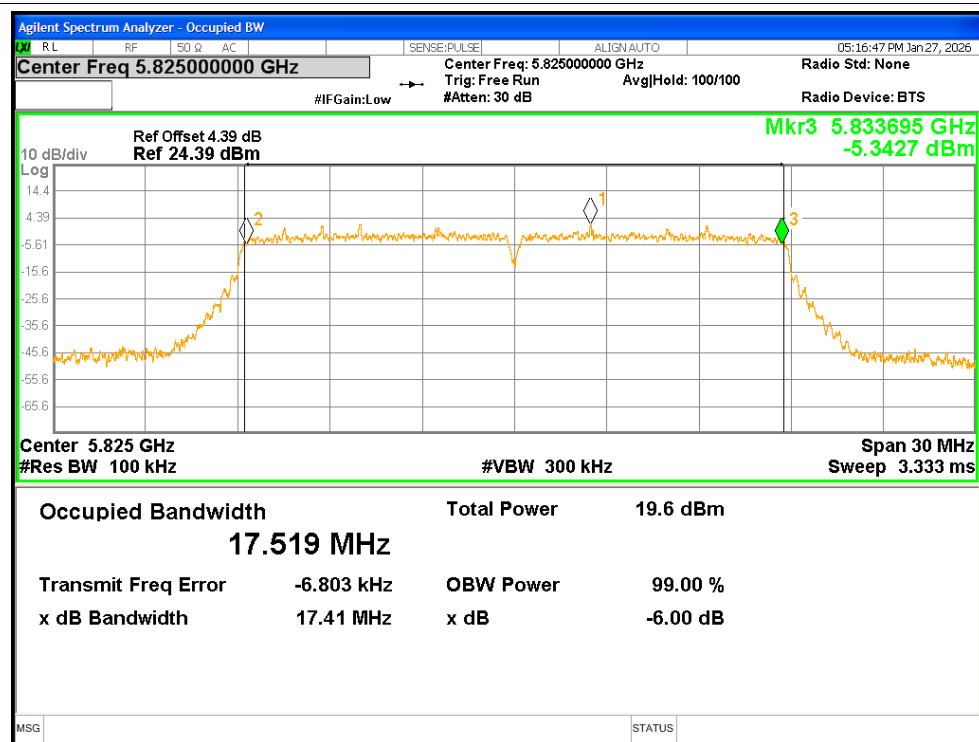
-6dB Bandwidth NVNT ac20 5785MHz Ant2



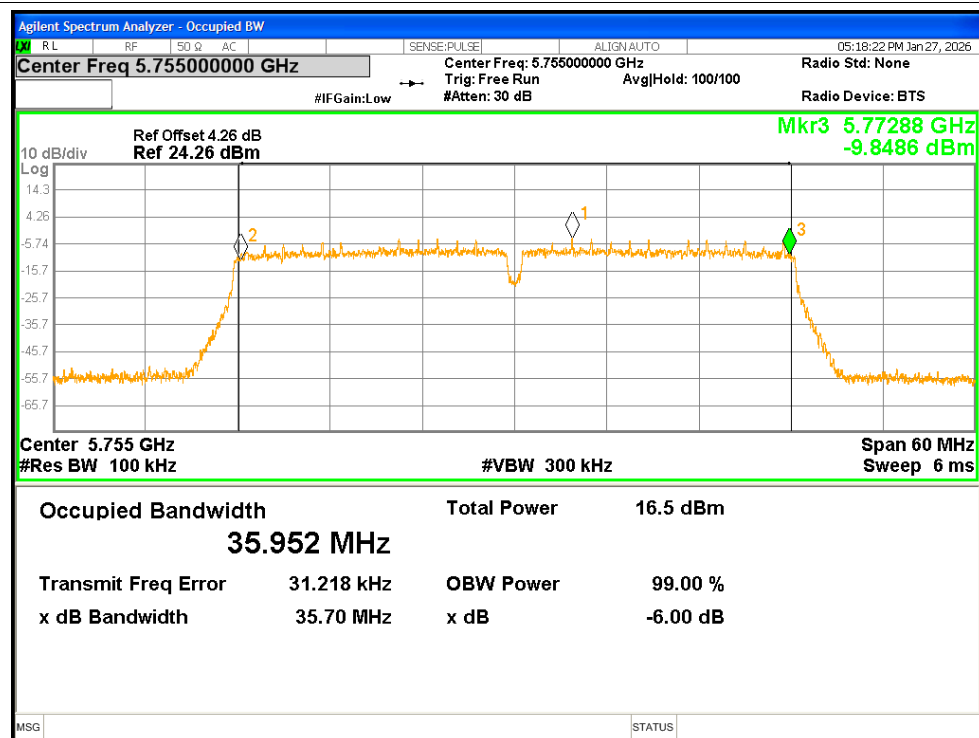
-6dB Bandwidth NVNT ac20 5825MHz Ant1



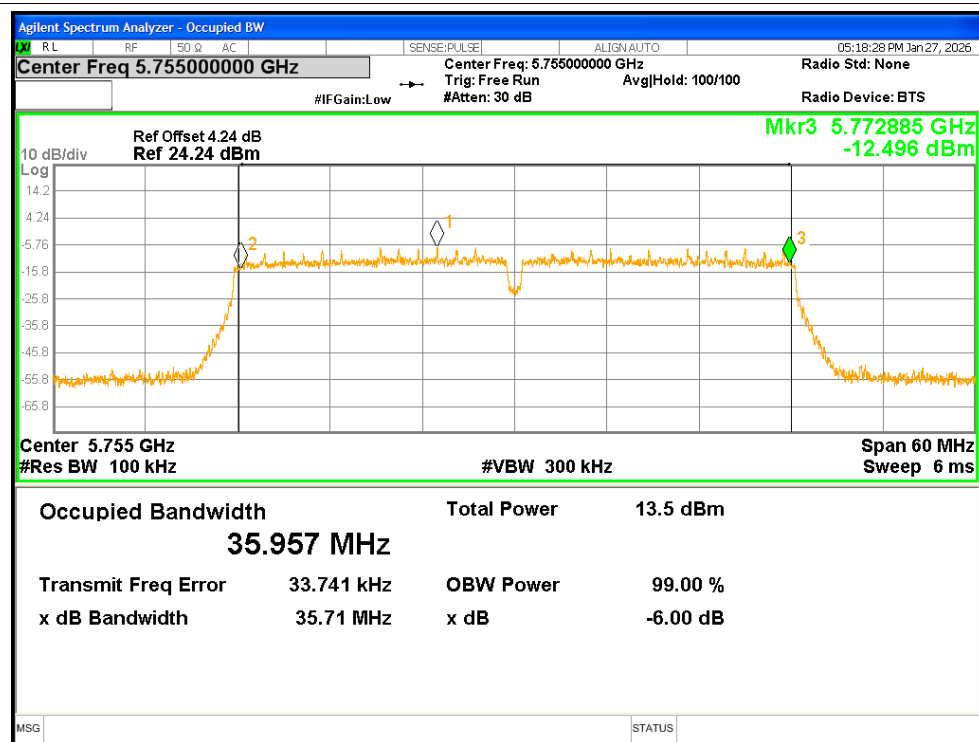
-6dB Bandwidth NVNT ac20 5825MHz Ant2



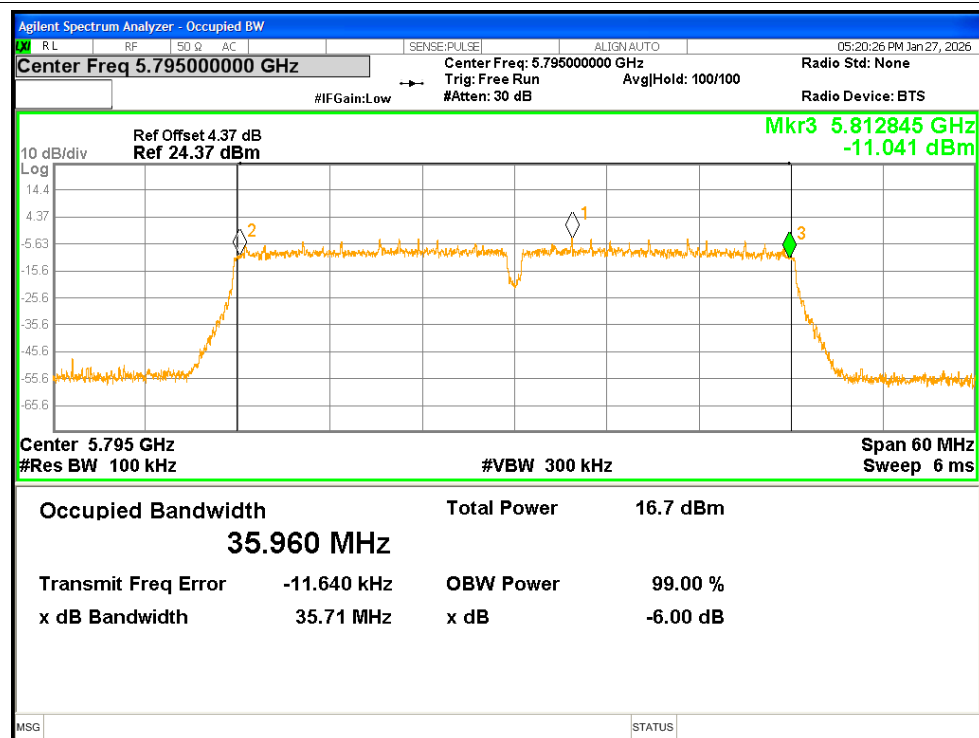
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant2



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant2

