RF Test Data

FCC ID:2BC96NB-CMD04

Product	:	**Birdfy Cam BD4A**
Model Name	:	**NB-CMD04, NB-CMD04-XXXXXX（XXXXXX can be A-Z, 0-9, a-z or blank, indicate different color）**
Brand	:	**Birdfy**
Report No.	:	**SZNTT26037144E1-3**

Prepared for

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Prepared by

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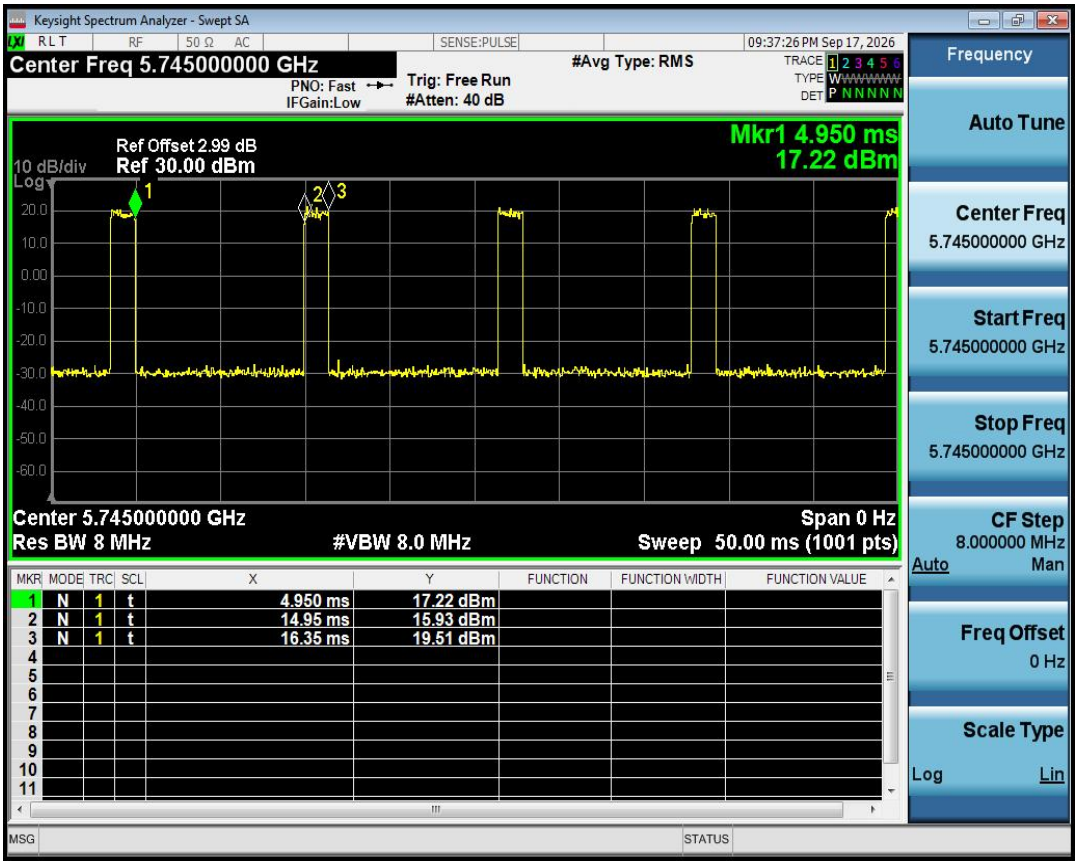
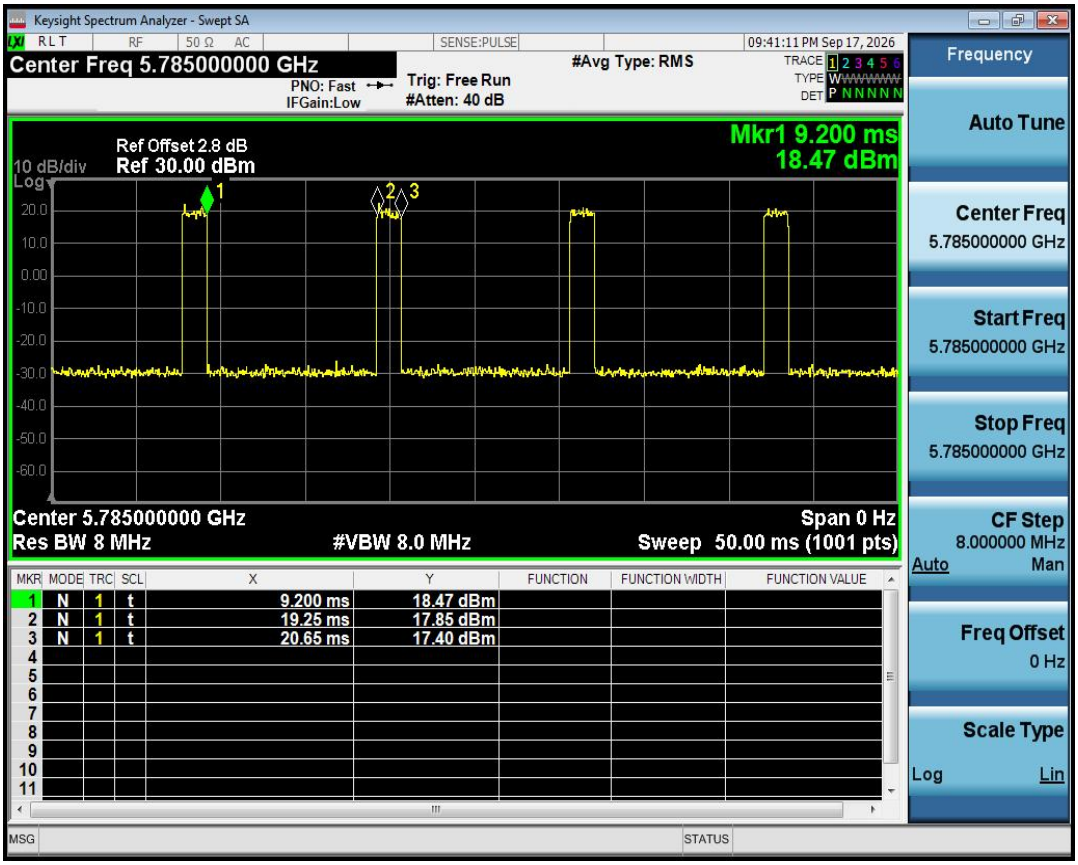
Duty Cycle

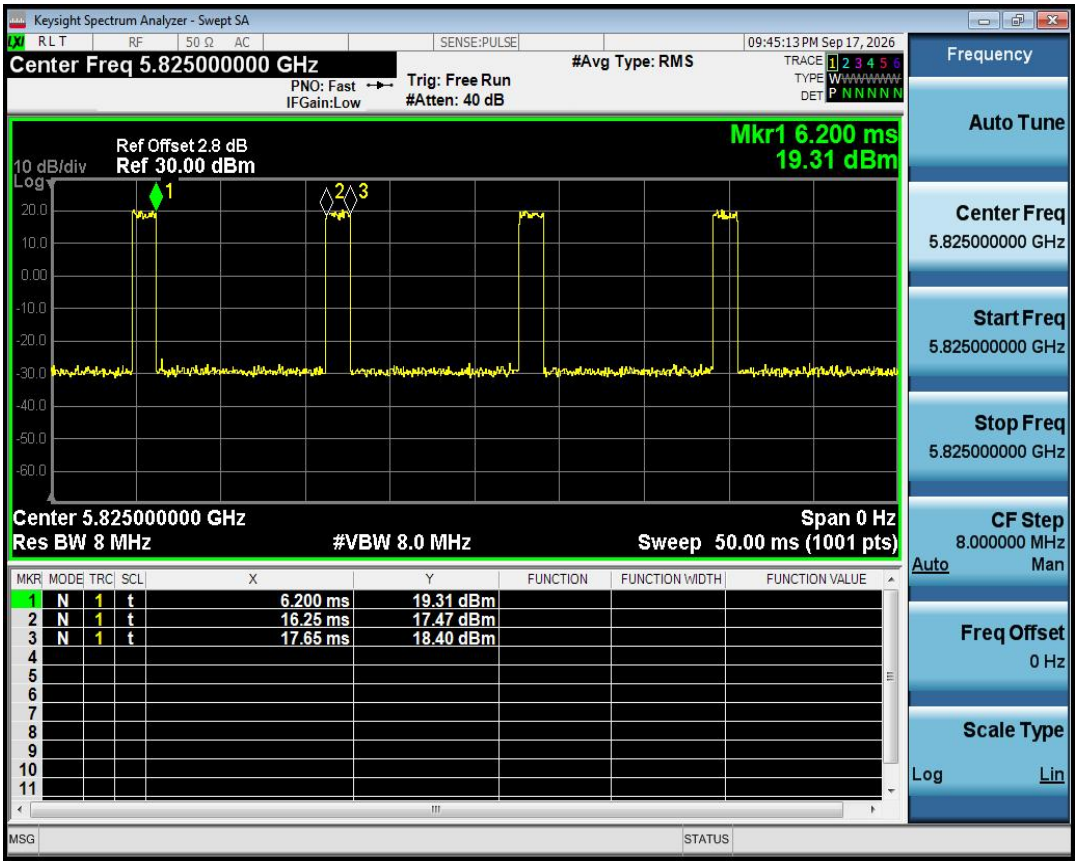
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	Ant1	12.28	9.11	0.71
NVNT	a	5785	Ant1	12.23	9.13	0.71
NVNT	a	5825	Ant1	12.23	9.13	0.71
NVNT	n20	5745	Ant1	33.44	4.76	0.2
NVNT	n20	5785	Ant1	33.77	4.71	0.2
NVNT	n20	5825	Ant1	33.77	4.71	0.2
NVNT	n40	5755	Ant1	32.78	4.84	0.2
NVNT	n40	5795	Ant1	32.89	4.83	0.2
NVNT	ac20	5745	Ant1	33.77	4.71	0.2
NVNT	ac20	5785	Ant1	33.77	4.71	0.2
NVNT	ac20	5825	Ant1	33.77	4.71	0.2
NVNT	ac40	5755	Ant1	33.11	4.8	0.2
NVNT	ac40	5795	Ant1	33.11	4.8	0.2
NVNT	ax20	5745	Ant1	28.06	5.52	0.26
NVNT	ax20	5785	Ant1	28.06	5.52	0.26
NVNT	ax20	5825	Ant1	27.7	5.58	0.26
NVNT	ax40	5755	Ant1	27.7	5.58	0.26
NVNT	ax40	5795	Ant1	28.06	5.52	0.26



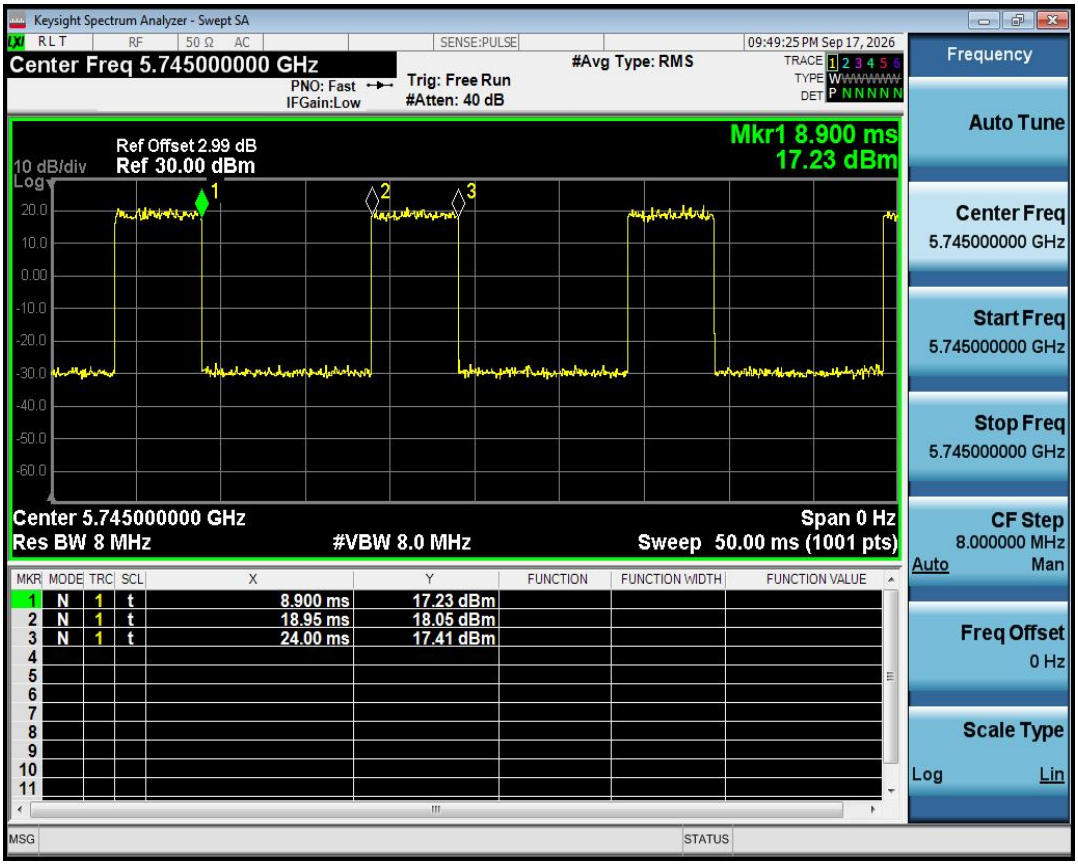
Duty Cycle NVNT a 5745MHz Ant1



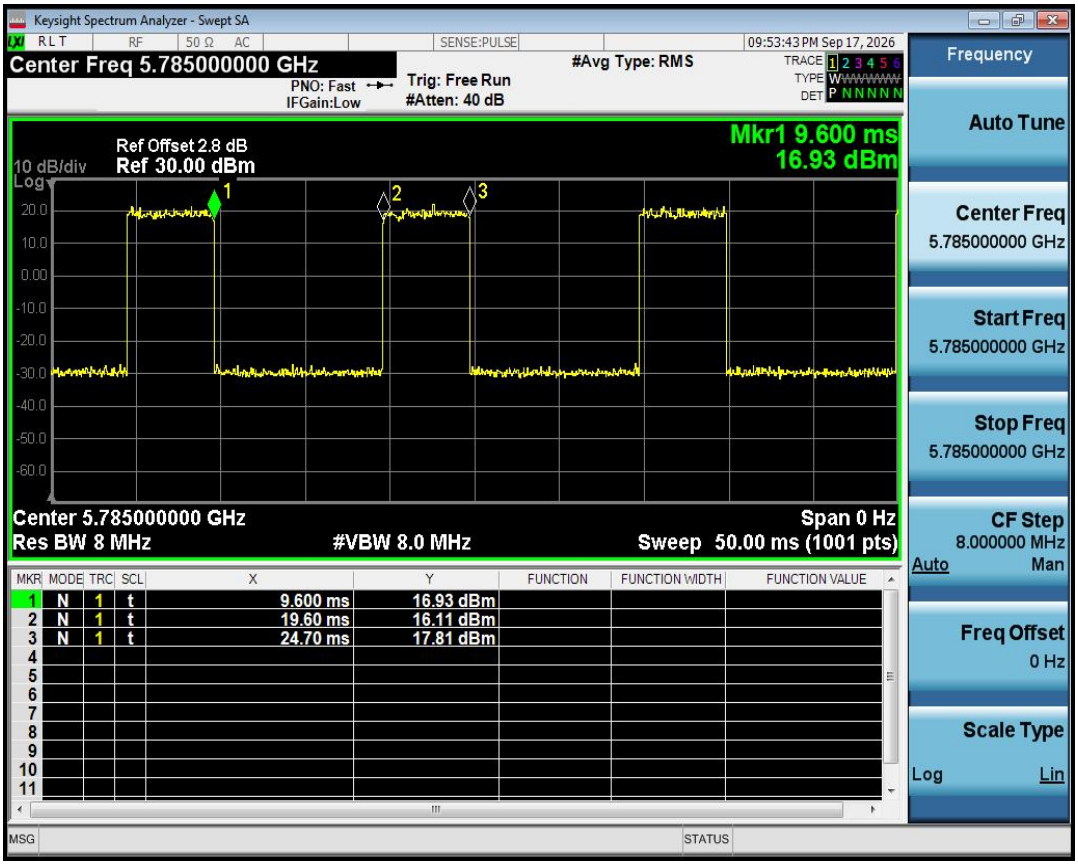
Duty Cycle NVNT a 5785MHz Ant1



Duty Cycle NVNT a 5825MHz Ant1



Duty Cycle NVNT n20 5745MHz Ant1



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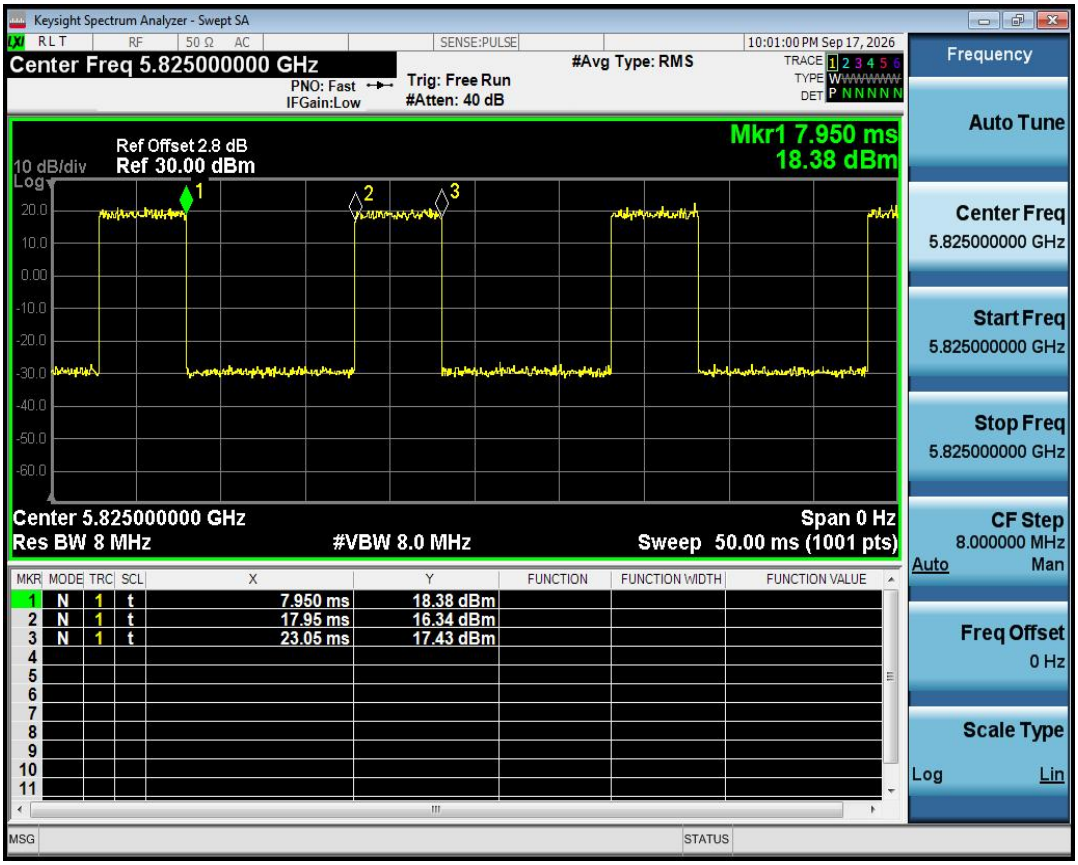

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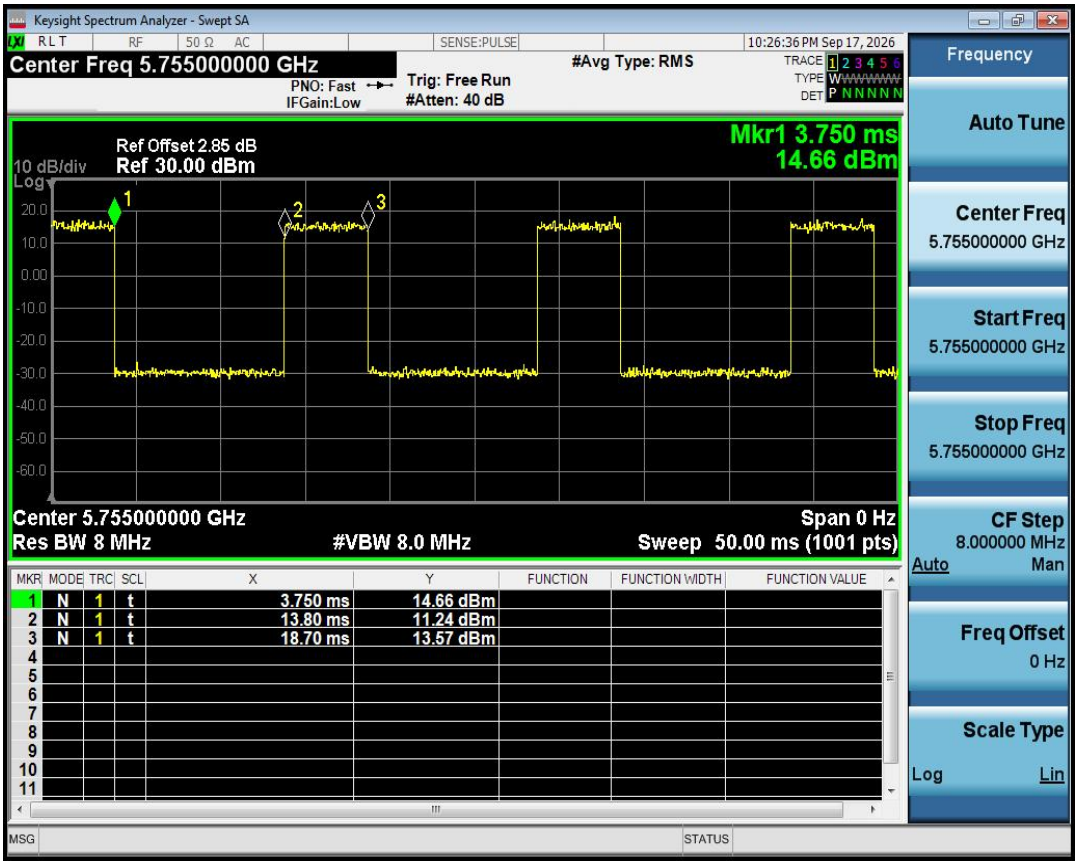
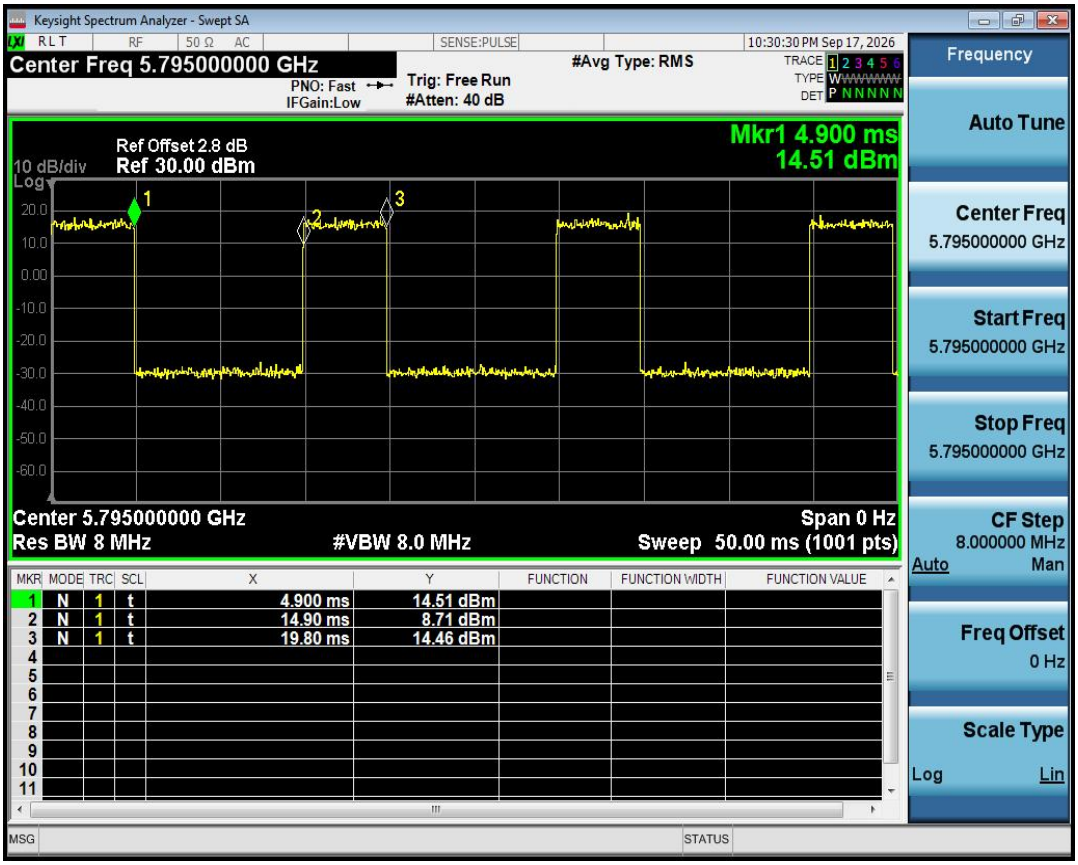
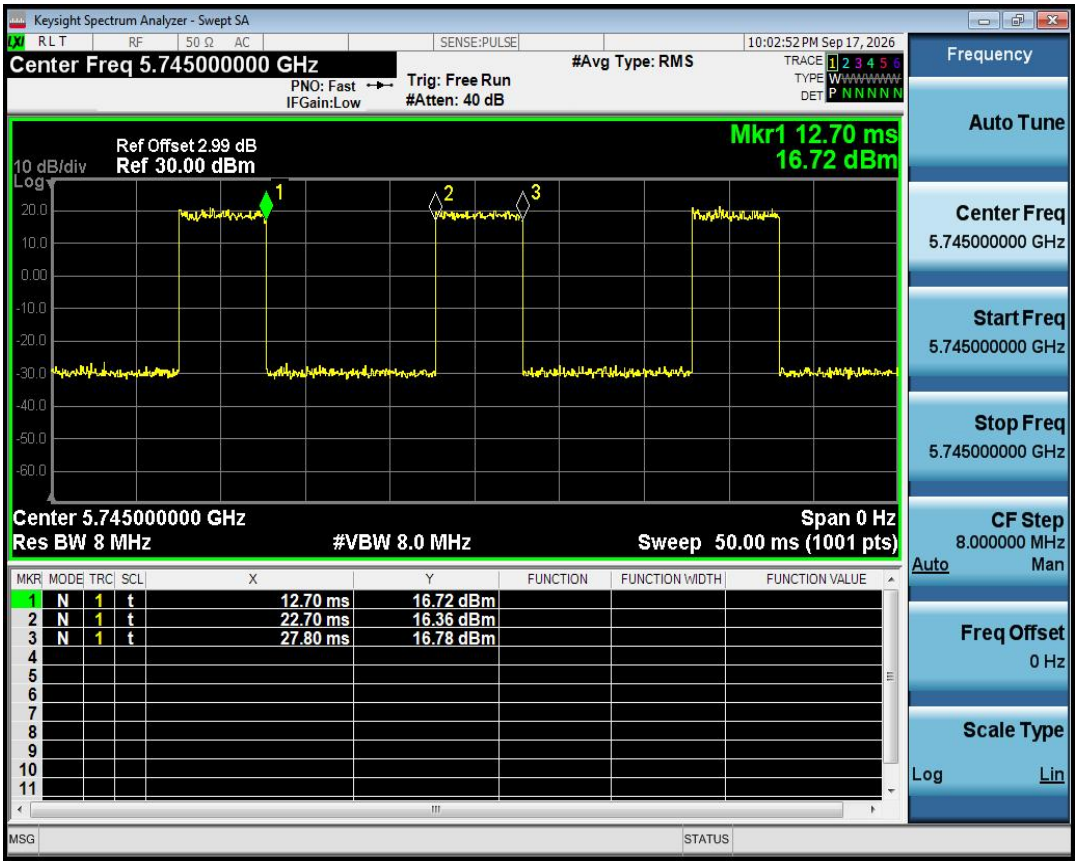


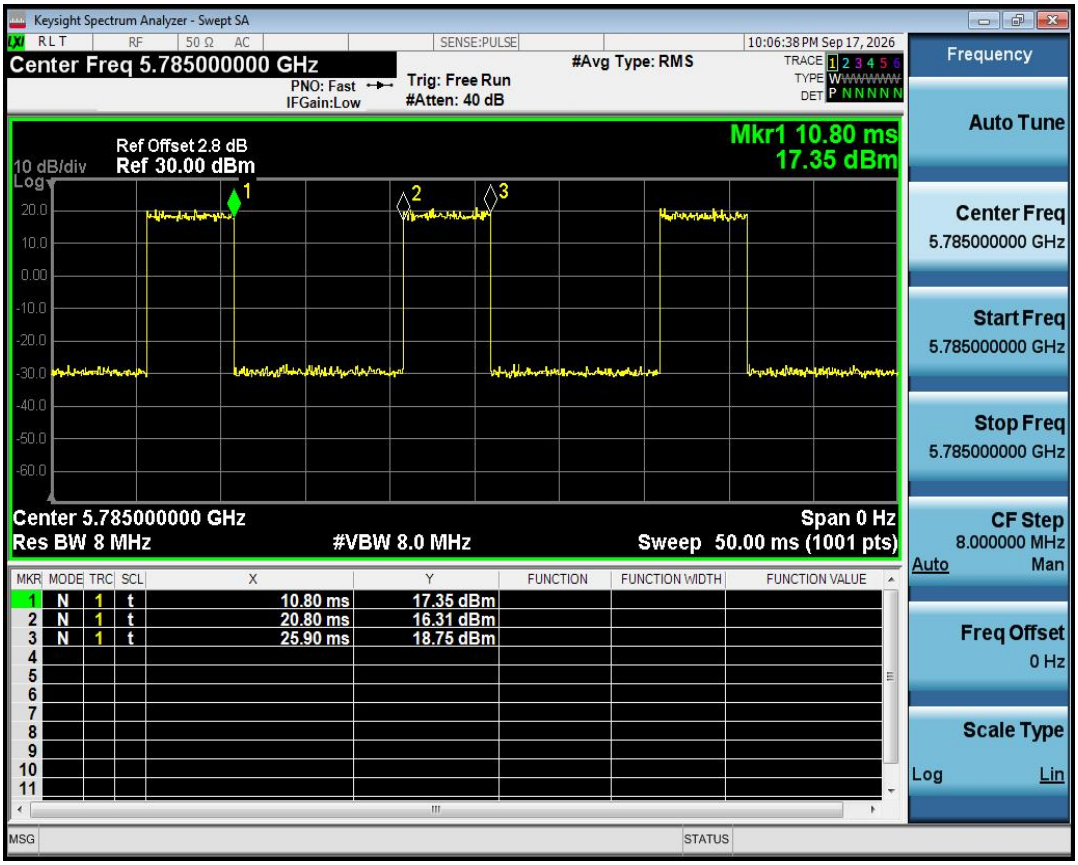
Duty Cycle NVNT n40 5755MHz Ant1



Duty Cycle NVNT n40 5795MHz Ant1



Duty Cycle NVNT ac20 5745MHz Ant1



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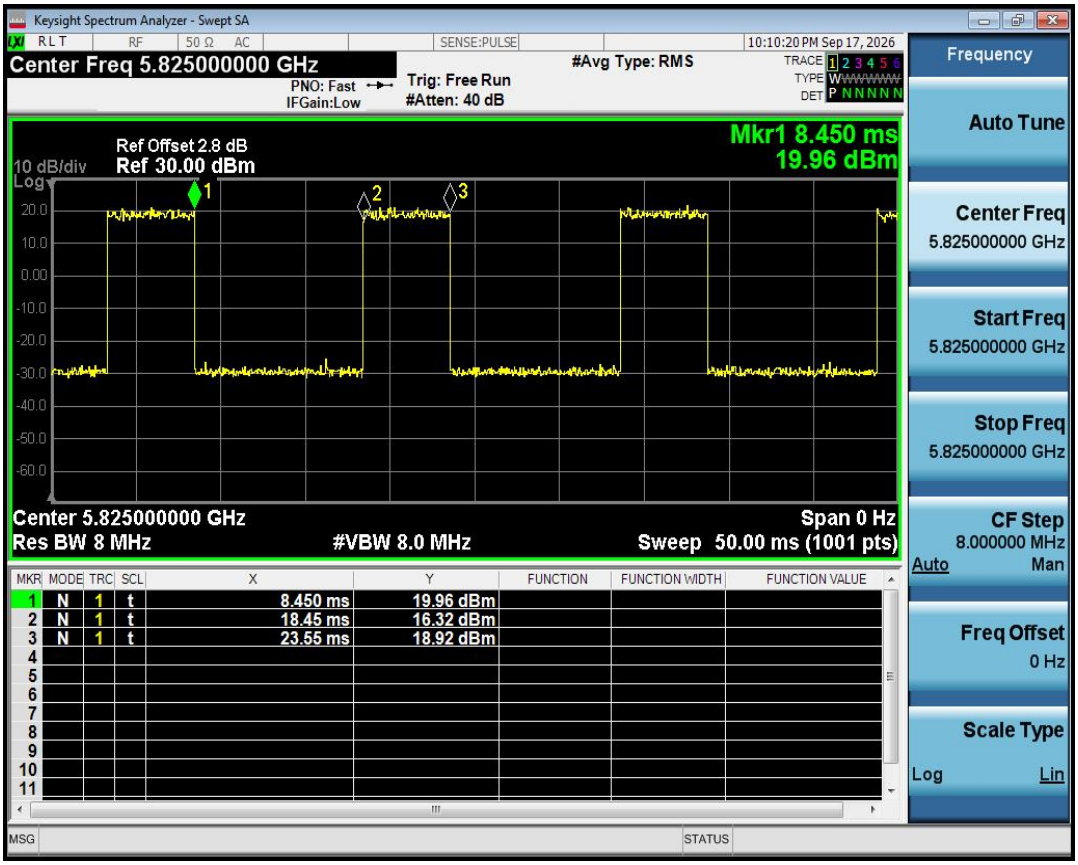

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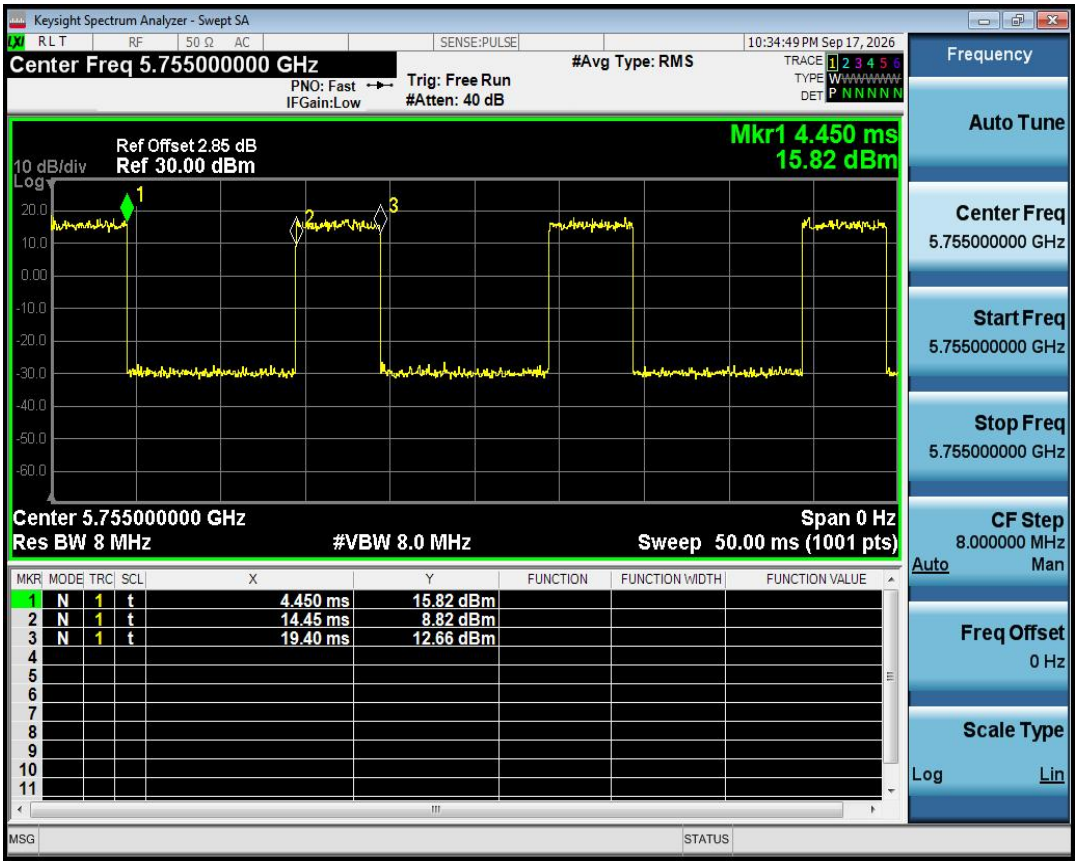

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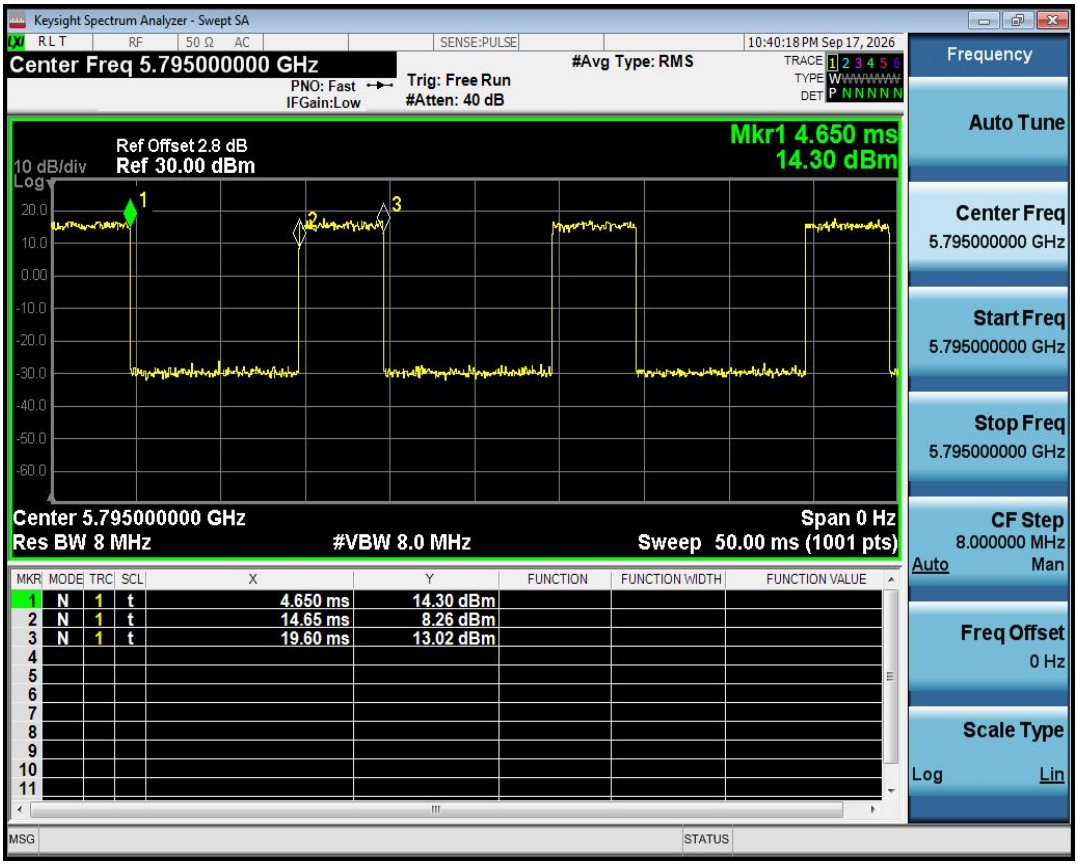

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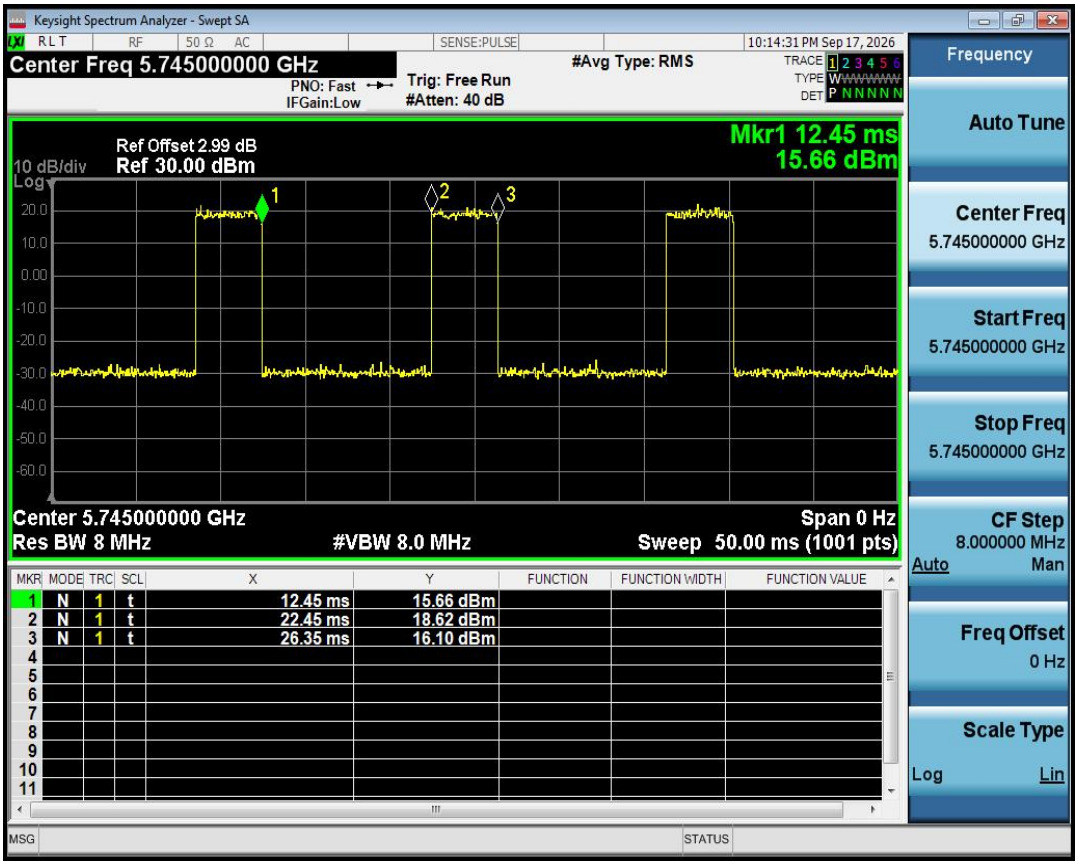
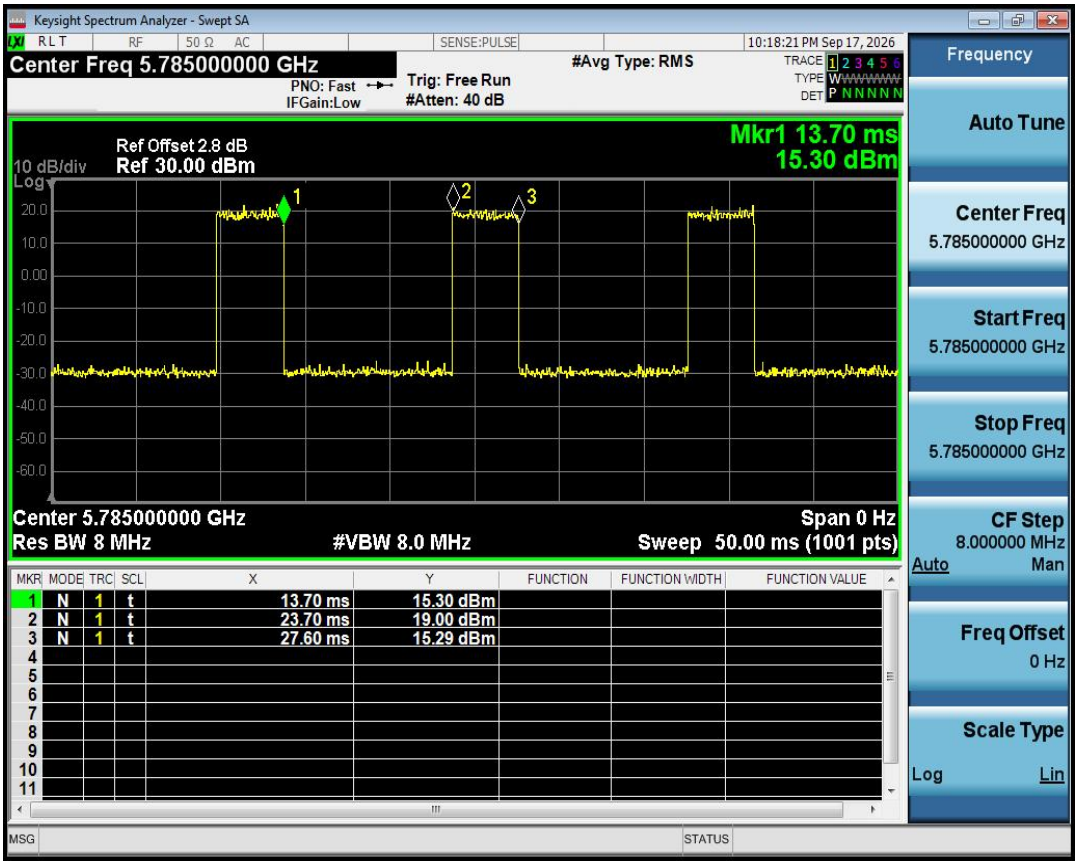


Duty Cycle NVNT ax20 5745MHz Ant1



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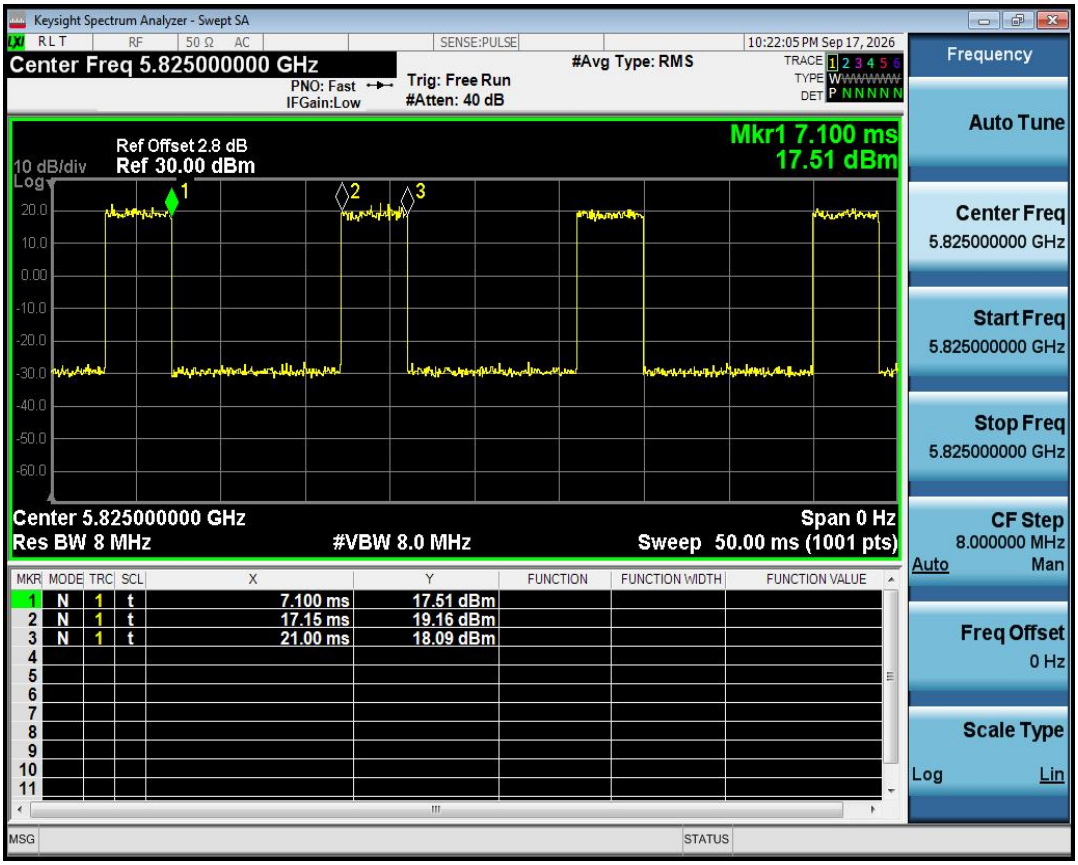
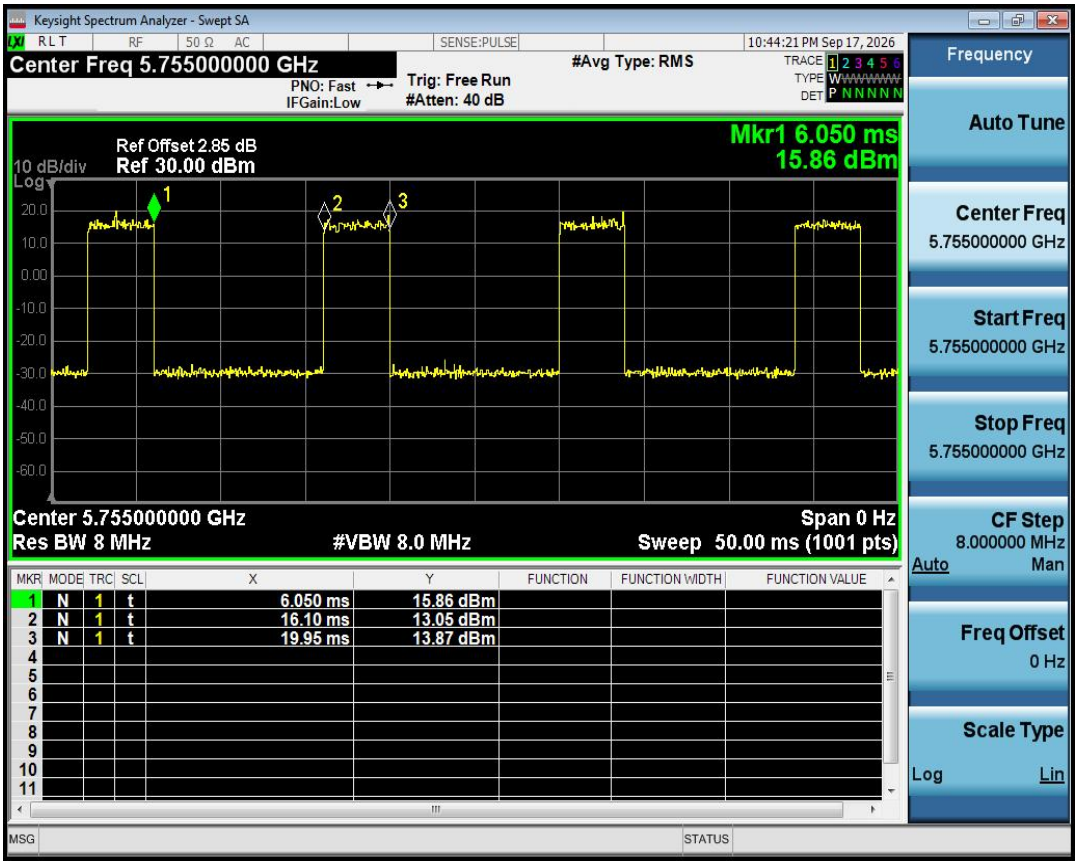
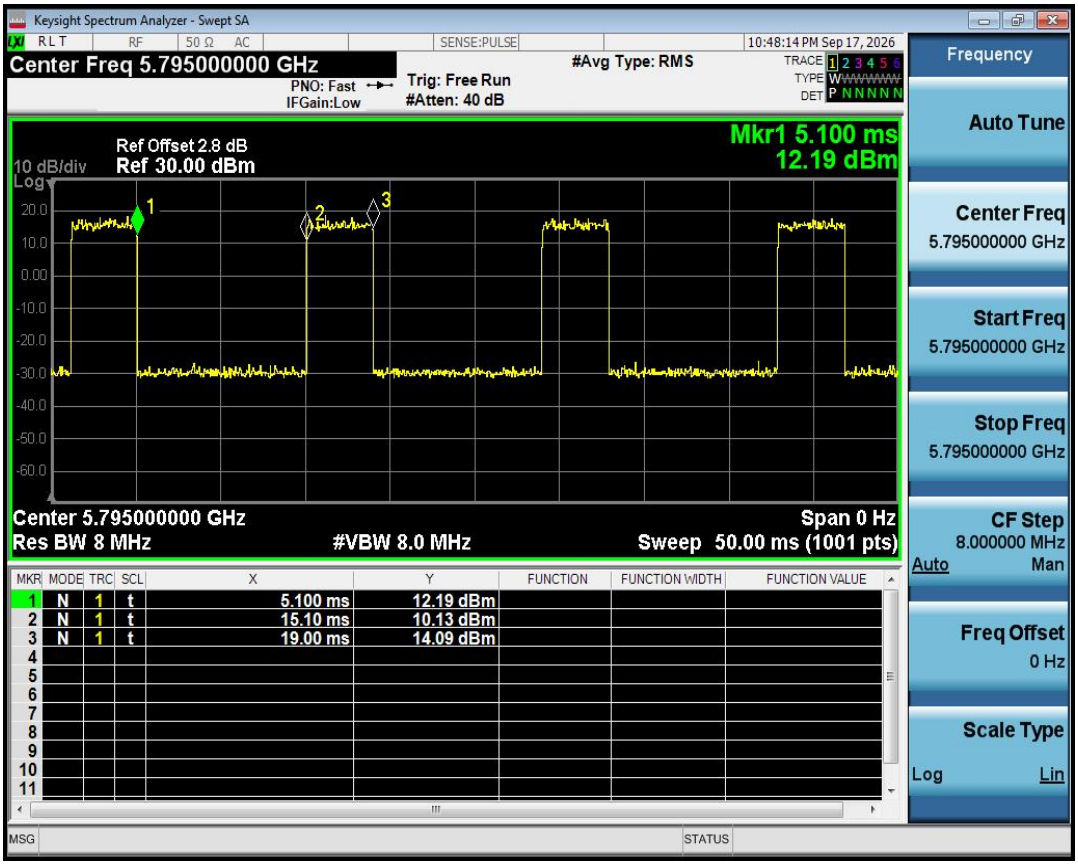


Duty Cycle NVNT ax20 5825MHz Ant1



Duty Cycle NVNT ax40 5755MHz Ant1



Duty Cycle NVNT ax40 5795MHz Ant1

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted(dBm)	Verdict
NVNT	a	5745	Ant1	4.61	9.11	13.72	0.02355	30	Pass
NVNT	a	5785	Ant1	5.43	9.13	14.56	0.02858	30	Pass
NVNT	a	5825	Ant1	4.38	9.13	13.51	0.02244	30	Pass
NVNT	n20	5745	Ant1	9	4.76	13.76	0.02377	30	Pass
NVNT	n20	5785	Ant1	9.79	4.71	14.5	0.02818	30	Pass
NVNT	n20	5825	Ant1	9.2	4.71	13.91	0.0246	30	Pass
NVNT	n40	5755	Ant1	9.85	4.84	14.69	0.02944	30	Pass
NVNT	n40	5795	Ant1	9.57	4.83	14.4	0.02754	30	Pass
NVNT	ac20	5745	Ant1	9.4	4.71	14.11	0.02576	30	Pass
NVNT	ac20	5785	Ant1	9.53	4.71	14.24	0.02655	30	Pass
NVNT	ac20	5825	Ant1	9.21	4.71	13.92	0.02466	30	Pass
NVNT	ac40	5755	Ant1	9.51	4.8	14.31	0.02698	30	Pass
NVNT	ac40	5795	Ant1	9	4.8	13.8	0.02399	30	Pass
NVNT	ax20	5745	Ant1	8.47	5.52	13.99	0.02506	30	Pass
NVNT	ax20	5785	Ant1	8.4	5.52	13.92	0.02466	30	Pass
NVNT	ax20	5825	Ant1	7.77	5.58	13.35	0.02163	30	Pass
NVNT	ax40	5755	Ant1	8.59	5.58	14.17	0.02612	30	Pass
NVNT	ax40	5795	Ant1	8.54	5.52	14.06	0.02547	30	Pass

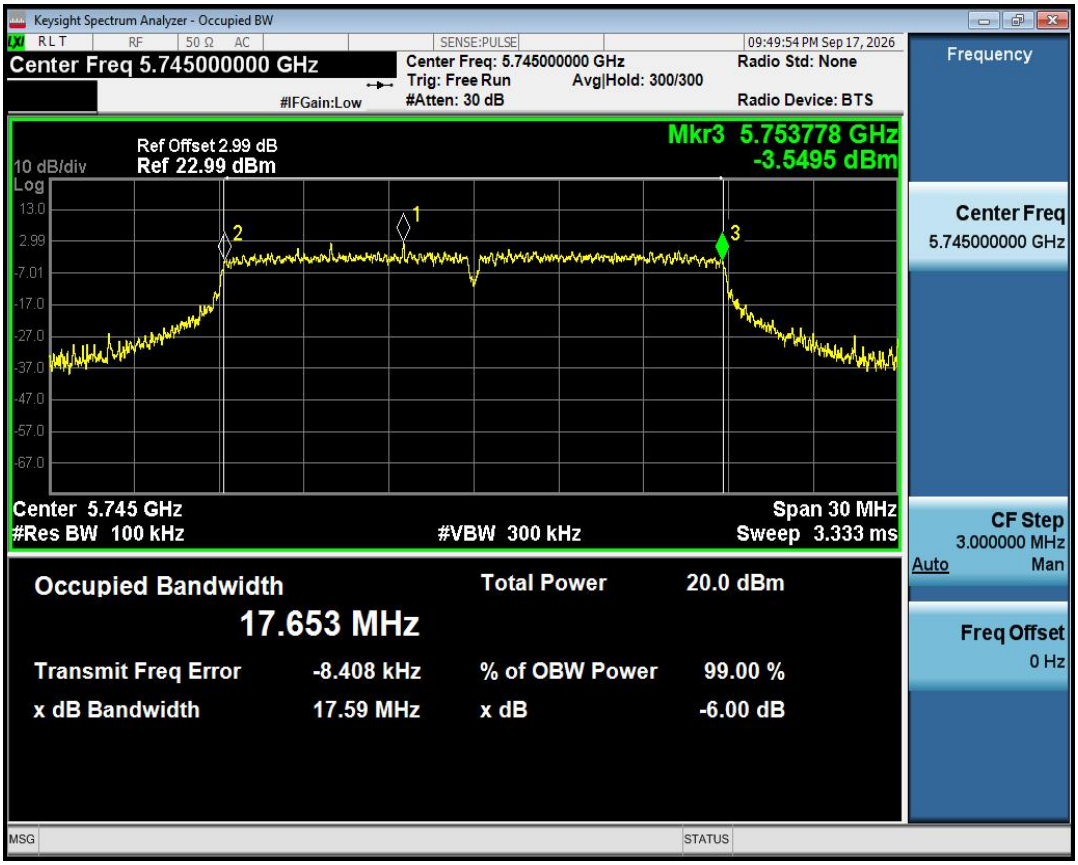
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.3	0.5	Pass
NVNT	a	5785	Ant1	16.33	0.5	Pass
NVNT	a	5825	Ant1	16.31	0.5	Pass
NVNT	n20	5745	Ant1	17.59	0.5	Pass
NVNT	n20	5785	Ant1	17.56	0.5	Pass
NVNT	n20	5825	Ant1	17.19	0.5	Pass
NVNT	n40	5755	Ant1	36.32	0.5	Pass
NVNT	n40	5795	Ant1	36.32	0.5	Pass
NVNT	ac20	5745	Ant1	17.52	0.5	Pass
NVNT	ac20	5785	Ant1	17.56	0.5	Pass
NVNT	ac20	5825	Ant1	17.6	0.5	Pass
NVNT	ac40	5755	Ant1	36.31	0.5	Pass
NVNT	ac40	5795	Ant1	36.3	0.5	Pass
NVNT	ax20	5745	Ant1	18.7	0.5	Pass
NVNT	ax20	5785	Ant1	18.8	0.5	Pass
NVNT	ax20	5825	Ant1	18.38	0.5	Pass
NVNT	ax40	5755	Ant1	37.94	0.5	Pass
NVNT	ax40	5795	Ant1	37.58	0.5	Pass

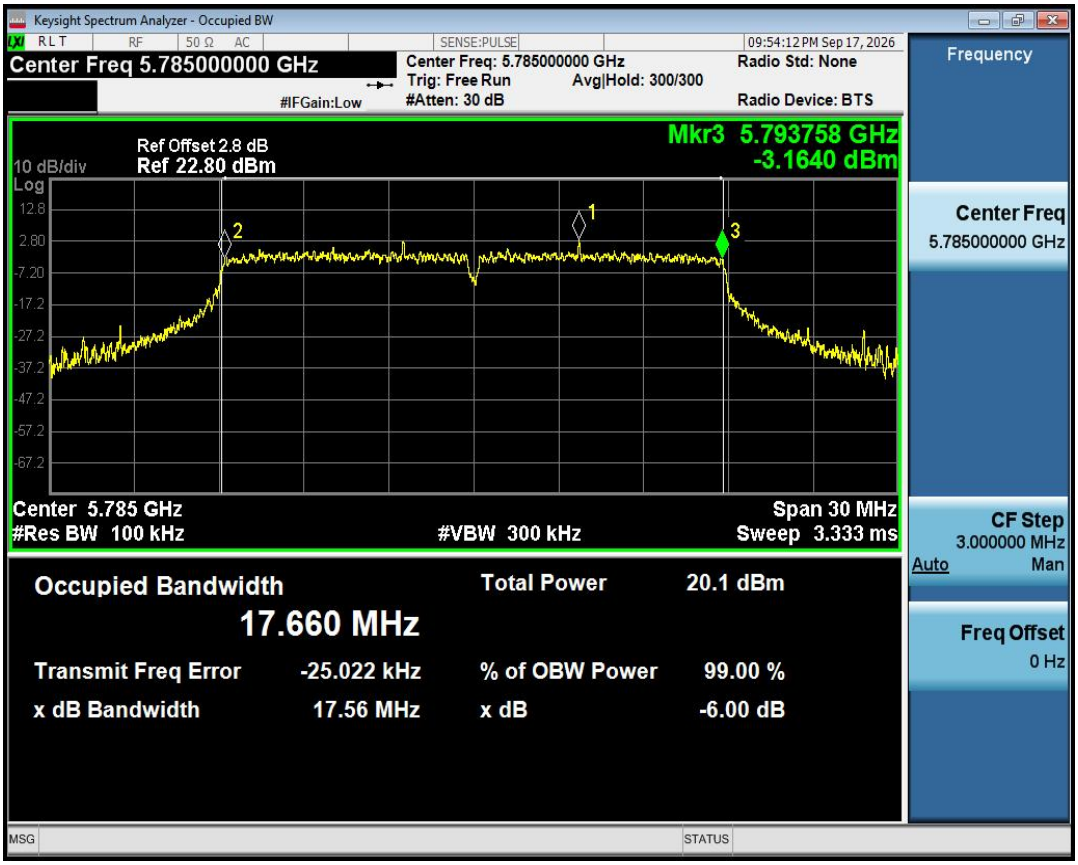
-6dB Bandwidth NVNT a 5745MHz Ant1

-6dB Bandwidth NVNT a 5785MHz Ant1

-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT n20 5745MHz Ant1



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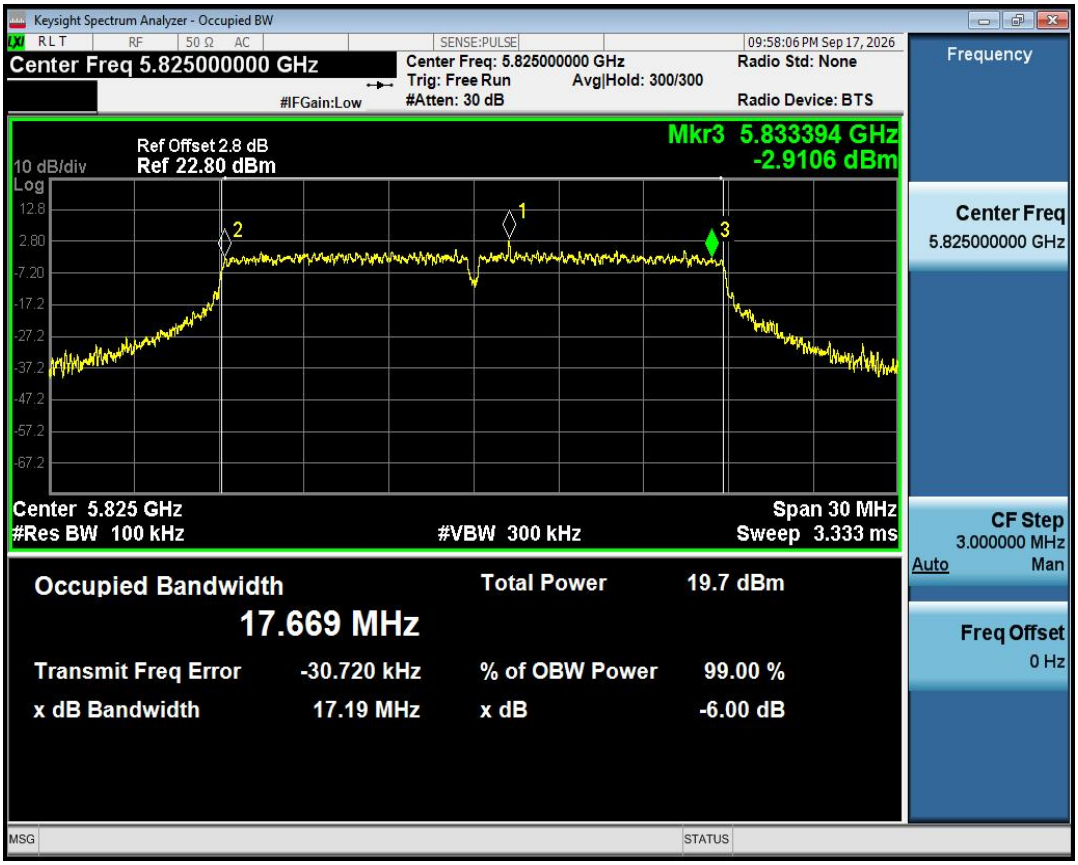
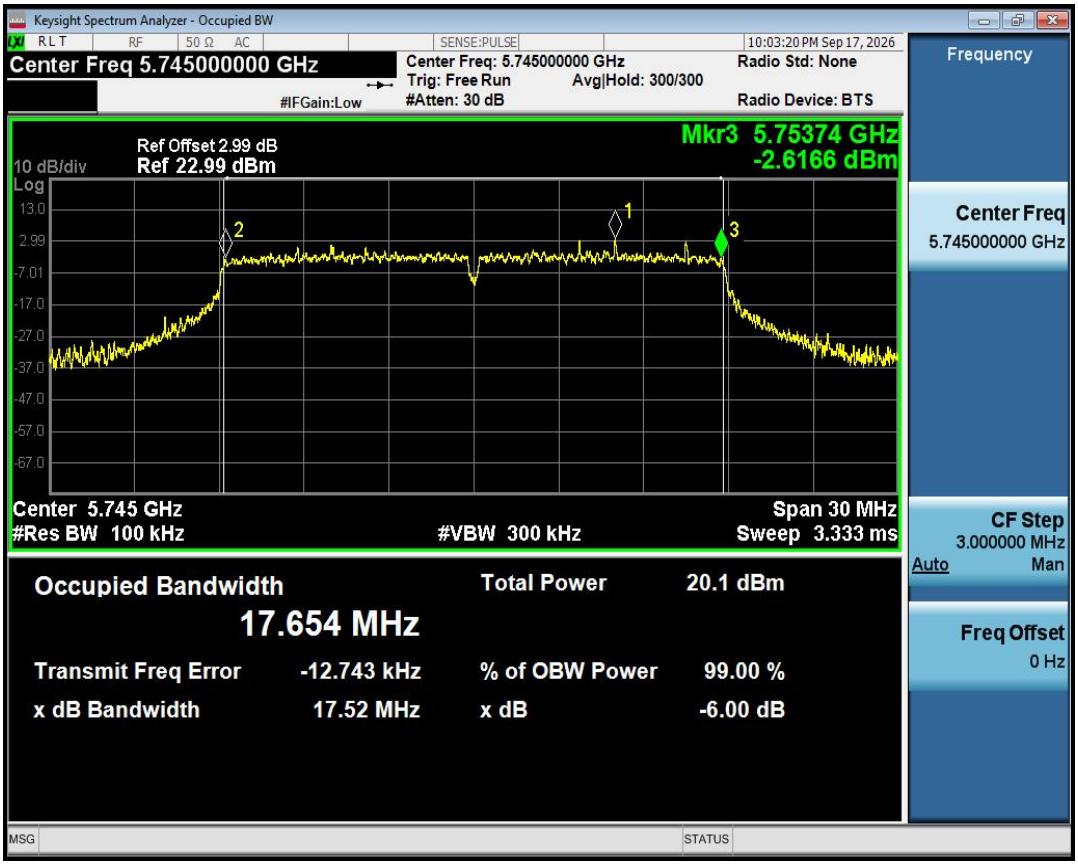


-6dB Bandwidth NVNT n20 5825MHz Ant1

-6dB Bandwidth NVNT n40 5755MHz Ant1

-6dB Bandwidth NVNT n40 5795MHz Ant1



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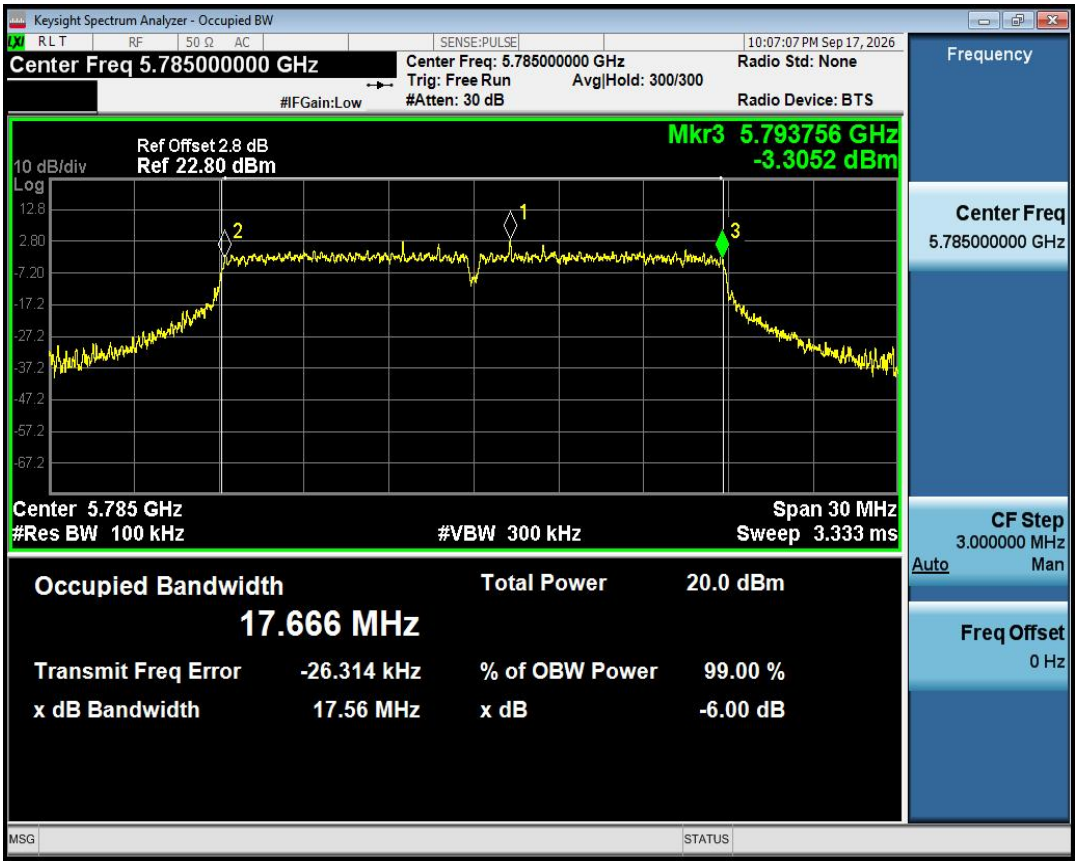

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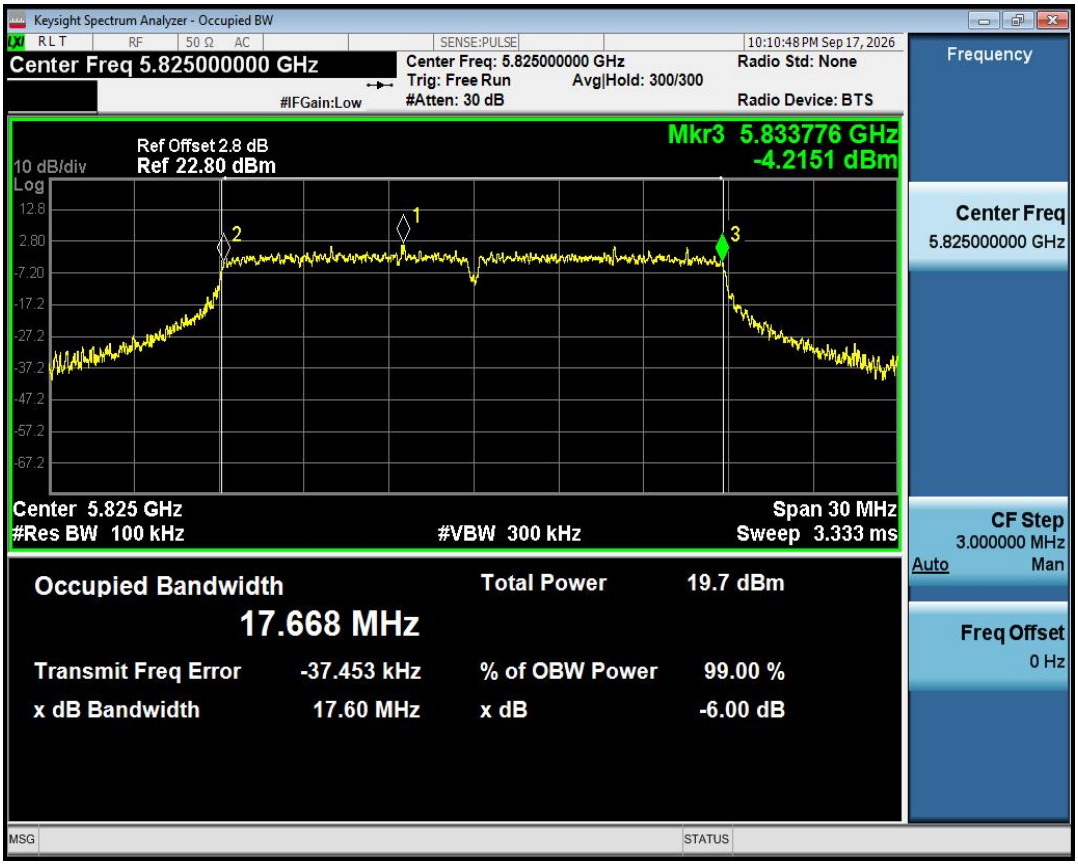

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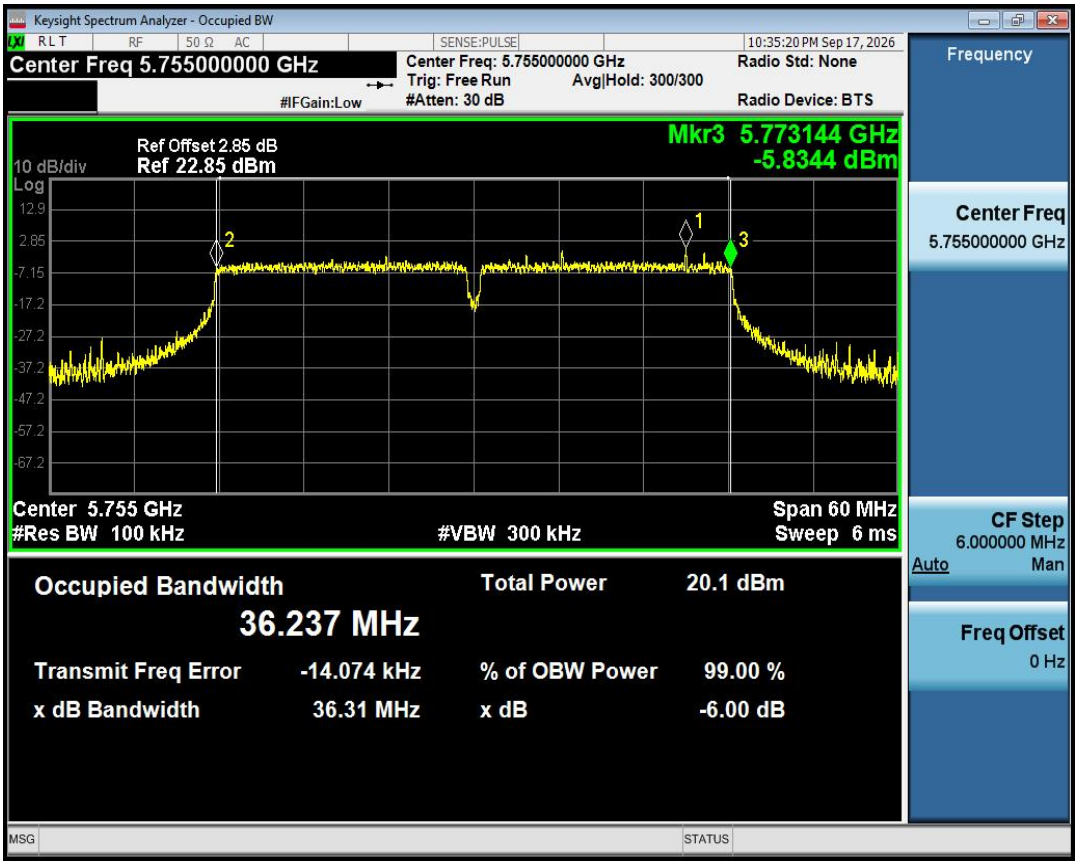
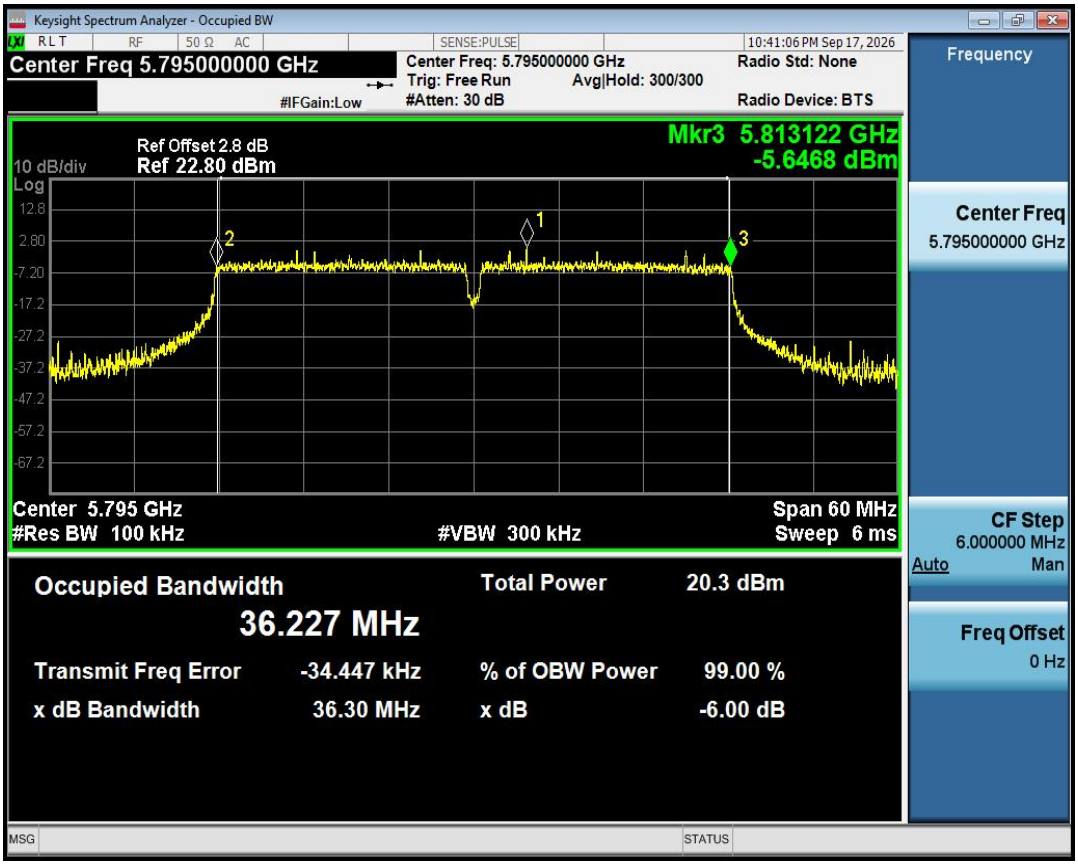


-6dB Bandwidth NVNT ac40 5755MHz Ant1



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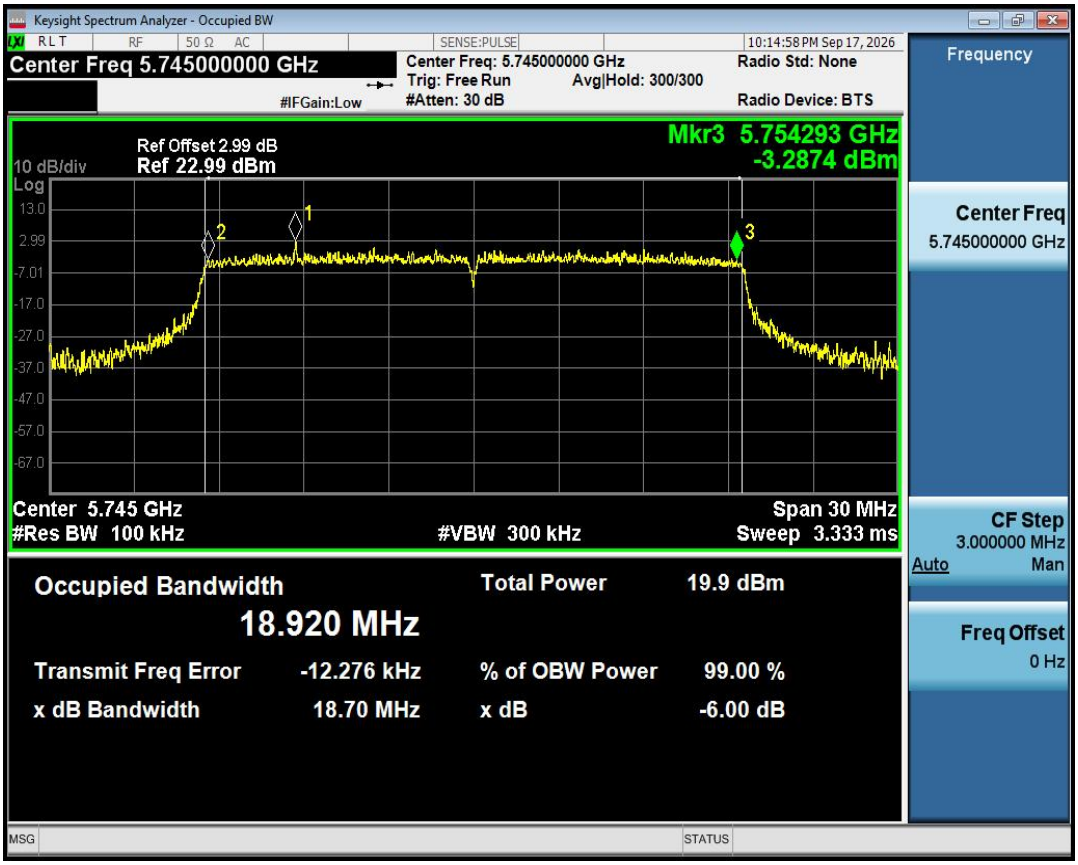

-6dB Bandwidth NVNT ax20 5745MHz Ant1