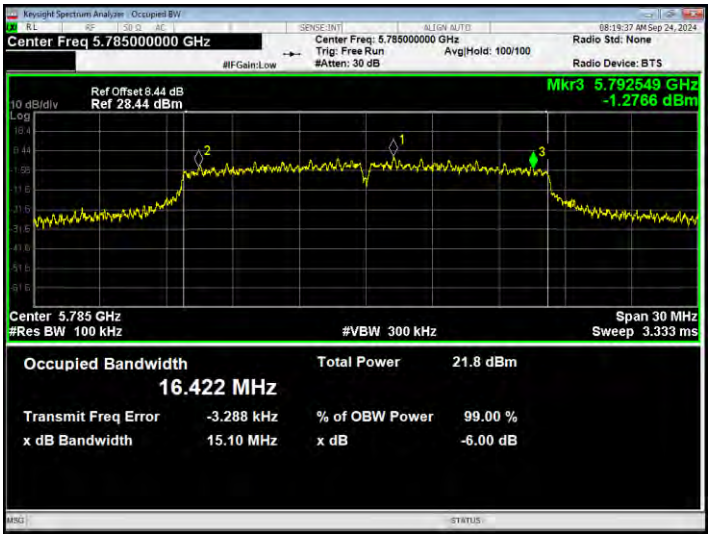
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.087	0.5	Pass
NVNT	a	5785	Ant1	15.104	0.5	Pass
NVNT	a	5825	Ant1	15.523	0.5	Pass
NVNT	ac20	5745	Ant1	15.074	0.5	Pass
NVNT	ac20	5785	Ant1	15.085	0.5	Pass
NVNT	ac20	5825	Ant1	15.063	0.5	Pass
NVNT	ac40	5755	Ant1	35.074	0.5	Pass
NVNT	ac40	5795	Ant1	35.089	0.5	Pass
NVNT	ac80	5775	Ant1	75.138	0.5	Pass
NVNT	ax20	5745	Ant1	15.118	0.5	Pass
NVNT	ax20	5785	Ant1	15.984	0.5	Pass
NVNT	ax20	5825	Ant1	15.051	0.5	Pass
NVNT	ax40	5755	Ant1	35.099	0.5	Pass
NVNT	ax40	5795	Ant1	35.082	0.5	Pass
NVNT	ax80	5775	Ant1	75.13	0.5	Pass
NVNT	n20	5745	Ant1	13.839	0.5	Pass
NVNT	n20	5785	Ant1	14.776	0.5	Pass
NVNT	n20	5825	Ant1	15.935	0.5	Pass
NVNT	n40	5755	Ant1	33.82	0.5	Pass
NVNT	n40	5795	Ant1	35.051	0.5	Pass

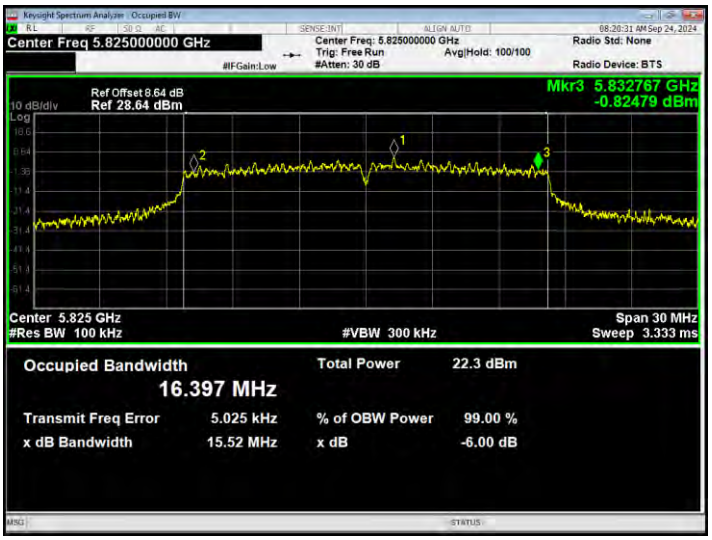
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	15.114	0.5	Pass
NVNT	a	5785	Ant2	15.672	0.5	Pass
NVNT	a	5825	Ant2	16.245	0.5	Pass
NVNT	ac20	5745	Ant2	15.063	0.5	Pass
NVNT	ac20	5785	Ant2	15.116	0.5	Pass
NVNT	ac20	5825	Ant2	15.048	0.5	Pass
NVNT	ac40	5755	Ant2	35.373	0.5	Pass
NVNT	ac40	5795	Ant2	35.059	0.5	Pass
NVNT	ac80	5775	Ant2	75.14	0.5	Pass
NVNT	ax20	5745	Ant2	15.013	0.5	Pass
NVNT	ax20	5785	Ant2	15.057	0.5	Pass
NVNT	ax20	5825	Ant2	15.038	0.5	Pass
NVNT	ax40	5755	Ant2	35.102	0.5	Pass
NVNT	ax40	5795	Ant2	35.061	0.5	Pass
NVNT	ax80	5775	Ant2	75.142	0.5	Pass
NVNT	n20	5745	Ant2	15.109	0.5	Pass
NVNT	n20	5785	Ant2	15.078	0.5	Pass
NVNT	n20	5825	Ant2	15.094	0.5	Pass
NVNT	n40	5755	Ant2	35.105	0.5	Pass
NVNT	n40	5795	Ant2	35.104	0.5	Pass

-6dB Bandwidth NVNT a 5745MHz Ant1

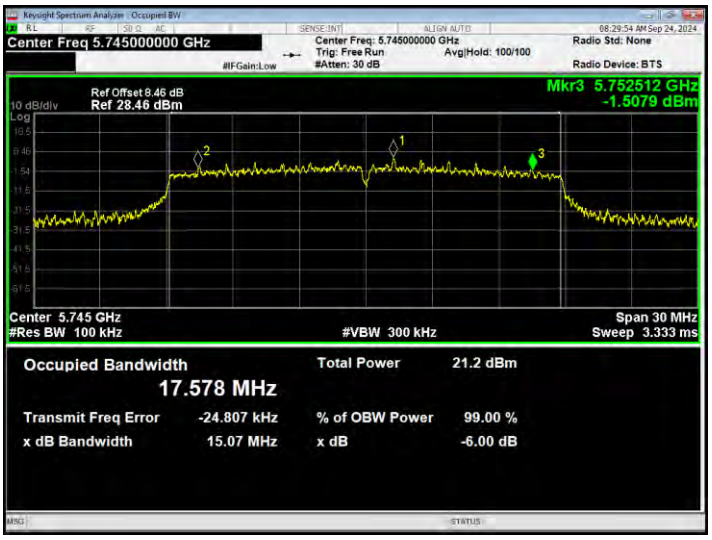
-6dB Bandwidth NVNT a 5785MHz Ant1



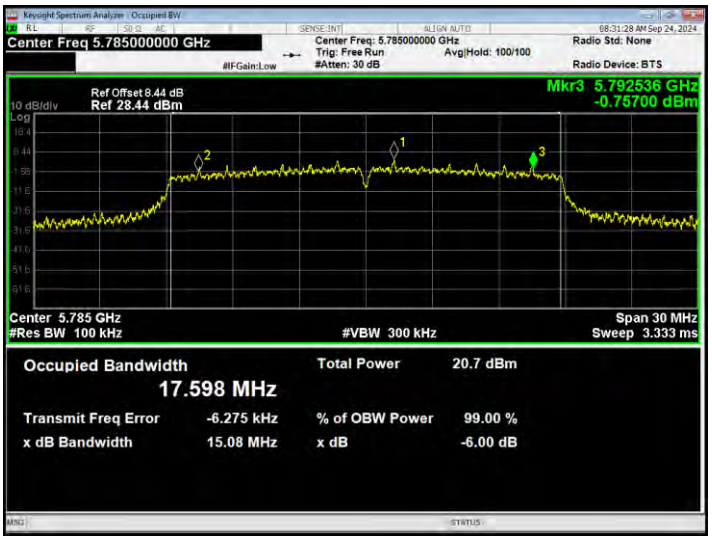
-6dB Bandwidth NVNT a 5825MHz Ant1



-6dB Bandwidth NVNT ac20 5745MHz Ant1

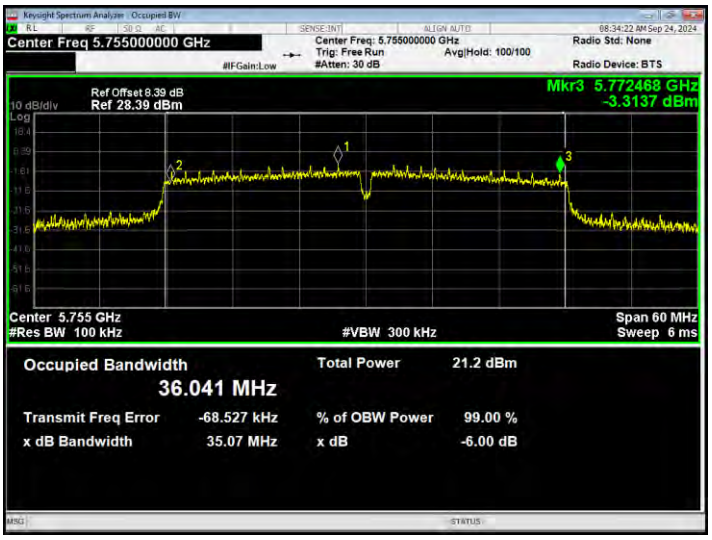


-6dB Bandwidth NVNT ac20 5785MHz Ant1



-6dB Bandwidth NVNT ac20 5825MHz Ant1

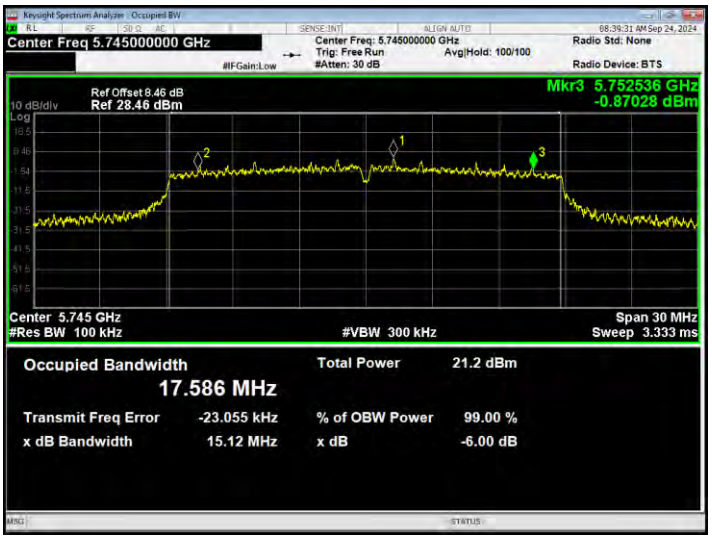
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1

-6dB Bandwidth NVNT ac80 5775MHz Ant1

-6dB Bandwidth NVNT ax20 5745MHz Ant1



-6dB Bandwidth NVNT ax20 5785MHz Ant1

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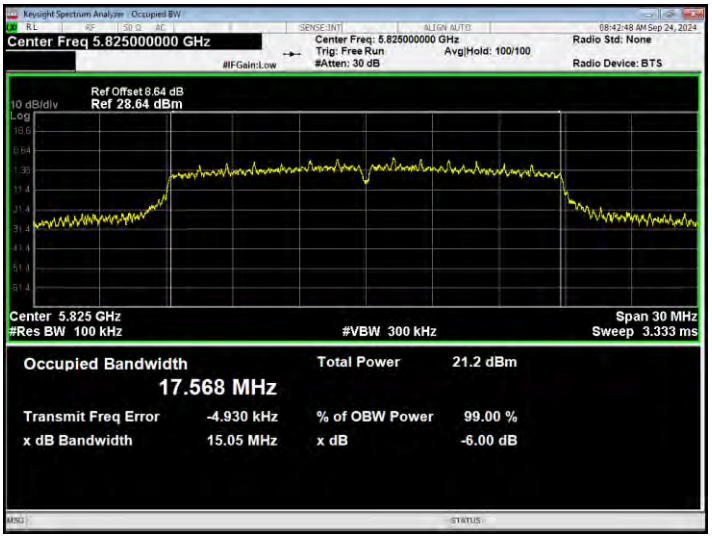

-6dB Bandwidth NVNT ax40 5755MHz Ant1

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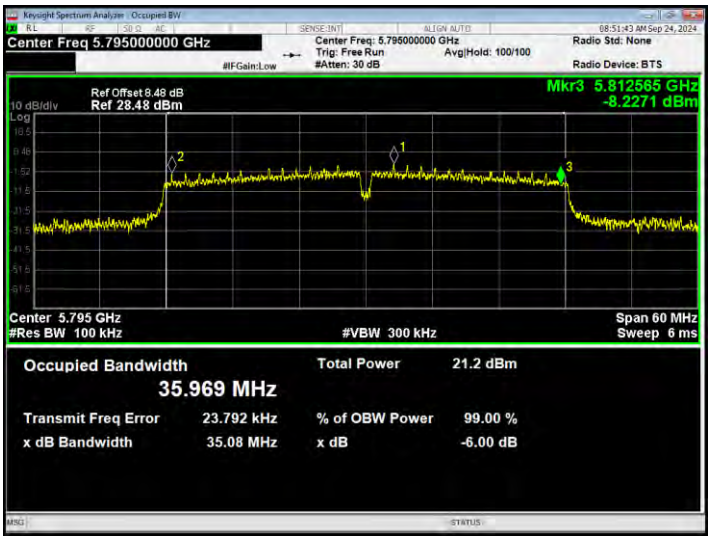
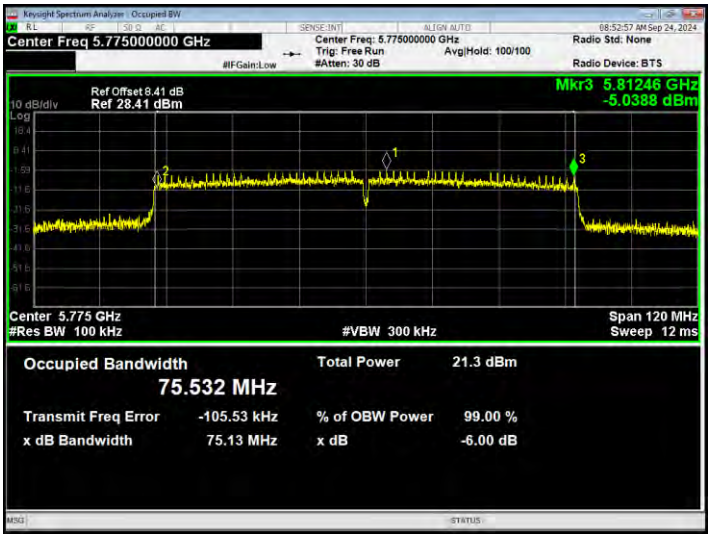
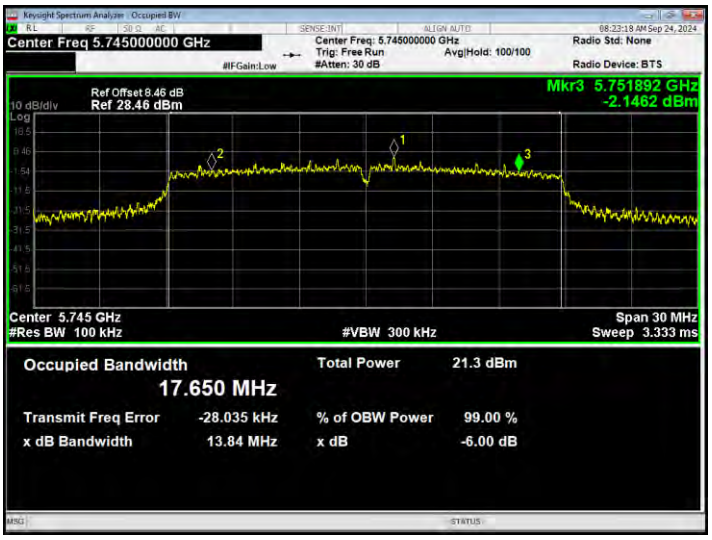


-6dB Bandwidth NVNT ax80 5775MHz Ant1



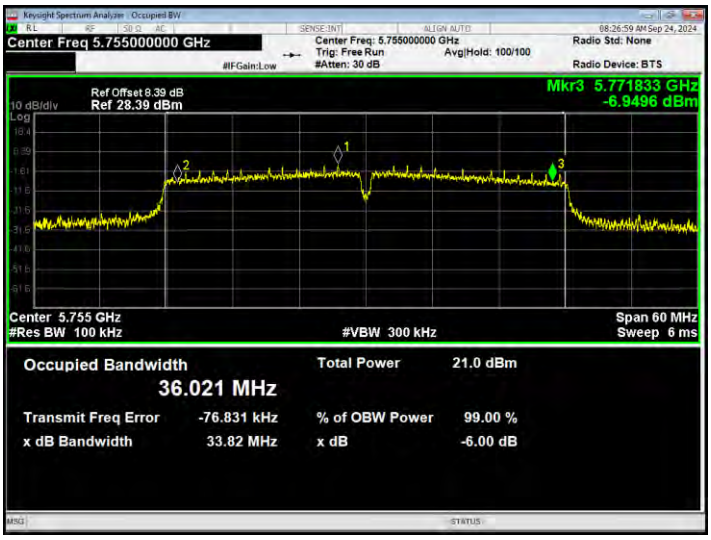
-6dB Bandwidth NVNT n20 5745MHz Ant1



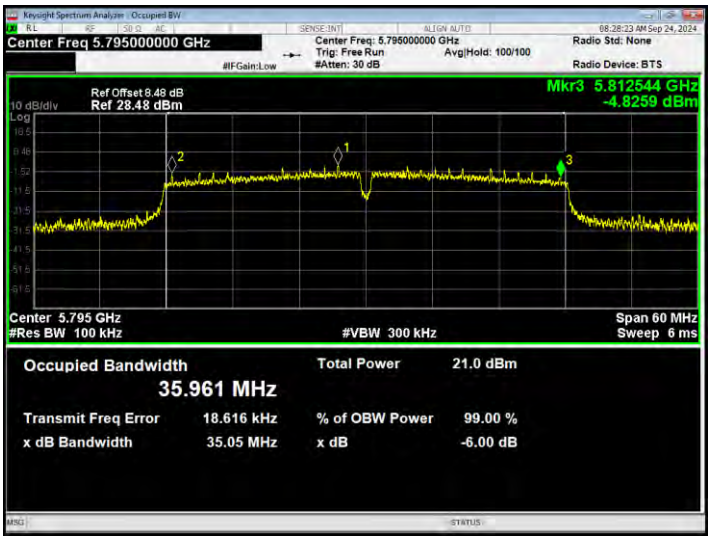
-6dB Bandwidth NVNT n20 5785MHz Ant1

-6dB Bandwidth NVNT n20 5825MHz Ant1

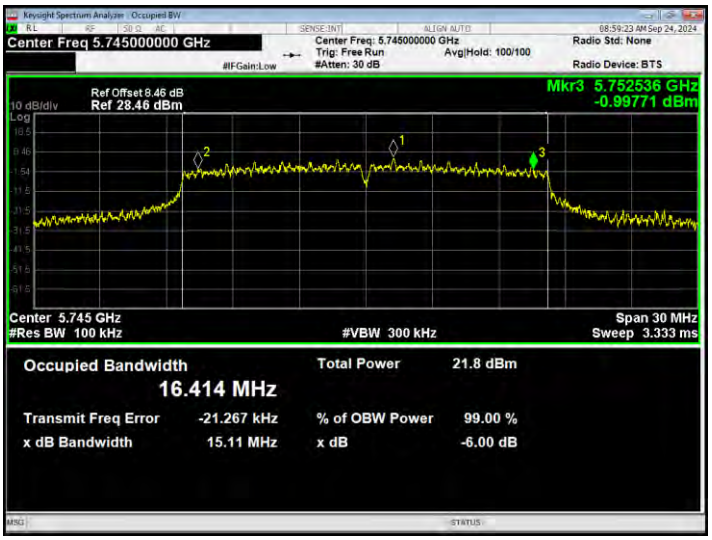
-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1



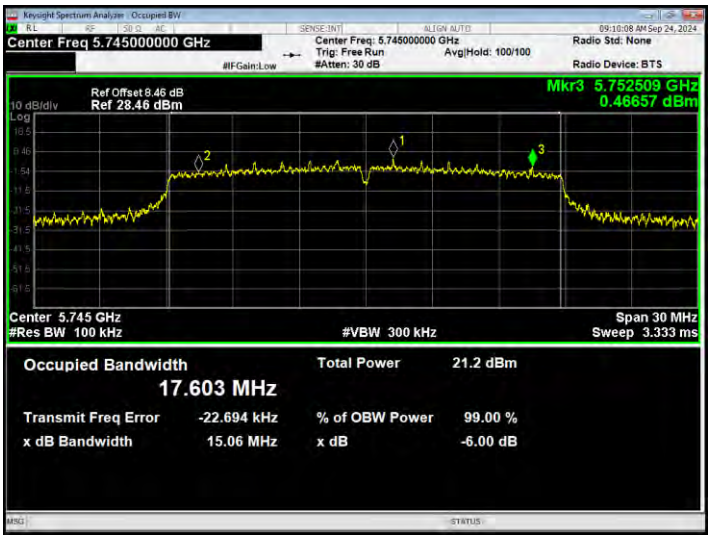
-6dB Bandwidth NVNT a 5745MHz Ant2



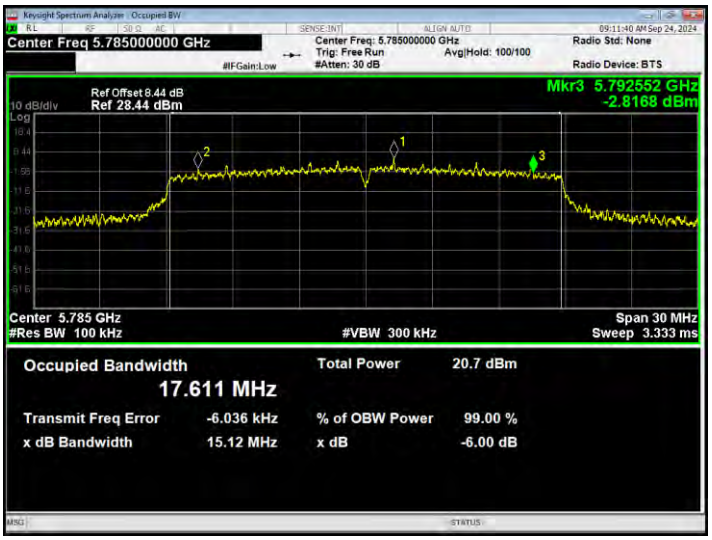
-6dB Bandwidth NVNT a 5785MHz Ant2

-6dB Bandwidth NVNT a 5825MHz Ant2

-6dB Bandwidth NVNT ac20 5745MHz Ant2



-6dB Bandwidth NVNT ac20 5785MHz Ant2

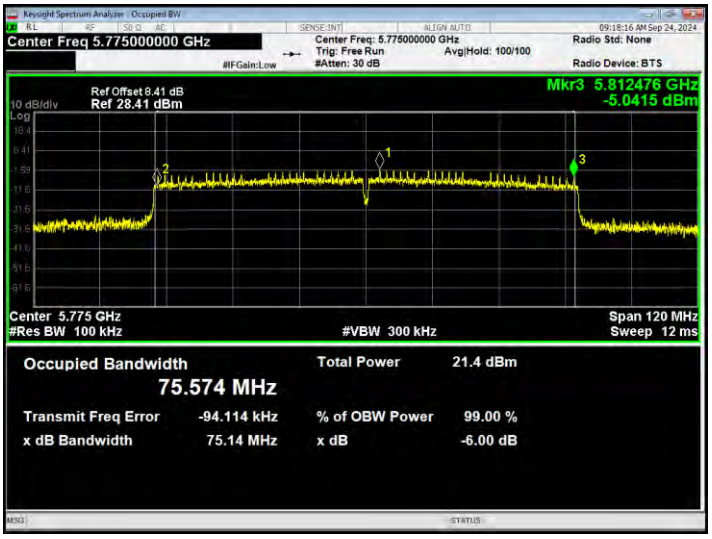


-6dB Bandwidth NVNT ac20 5825MHz Ant2

-6dB Bandwidth NVNT ac40 5755MHz Ant2

-6dB Bandwidth NVNT ac40 5795MHz Ant2

-6dB Bandwidth NVNT ac80 5775MHz Ant2



-6dB Bandwidth NVNT ax20 5745MHz Ant2

-6dB Bandwidth NVNT ax20 5785MHz Ant2

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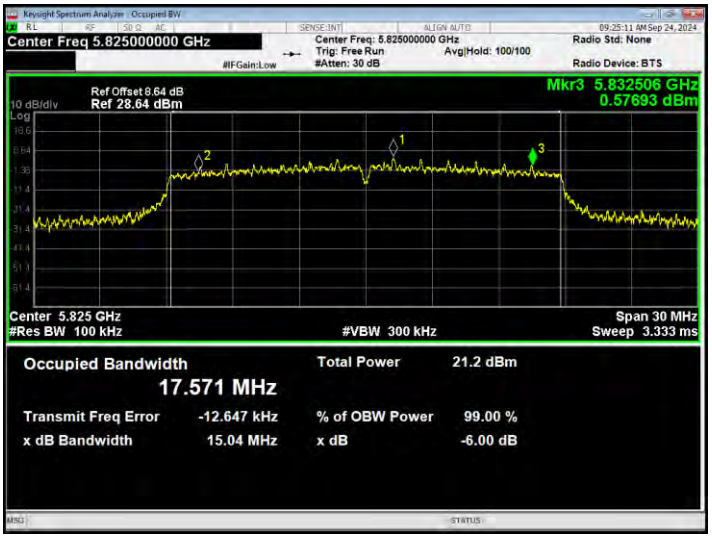
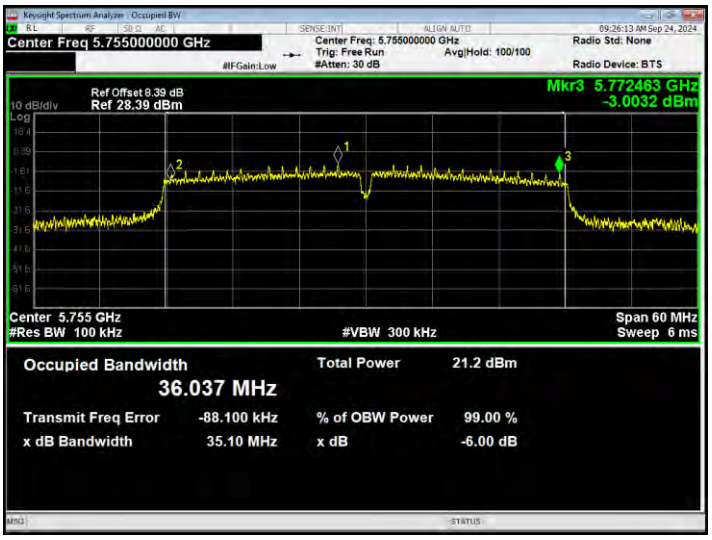
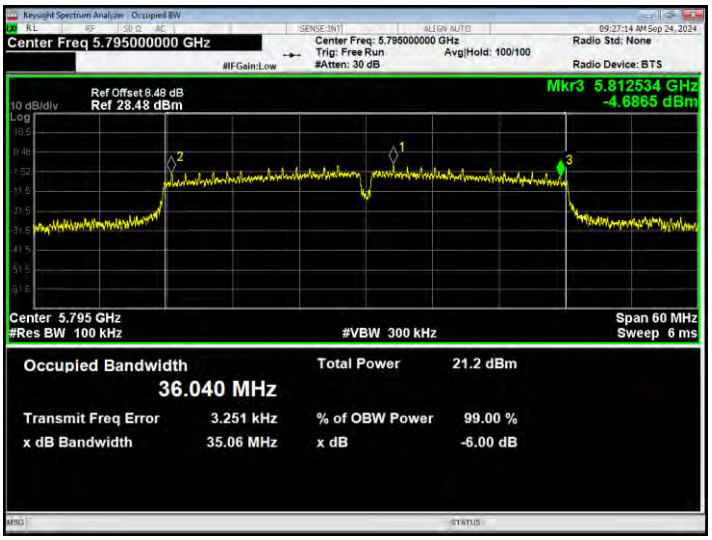


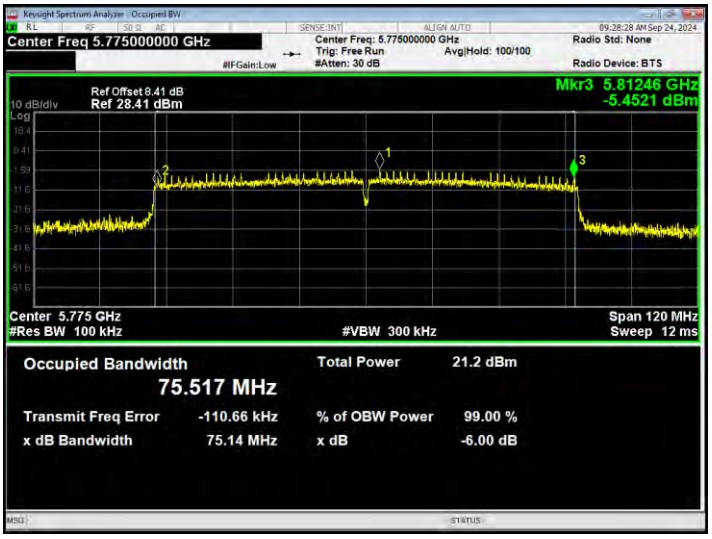
-6dB Bandwidth NVNT ax40 5755MHz Ant2



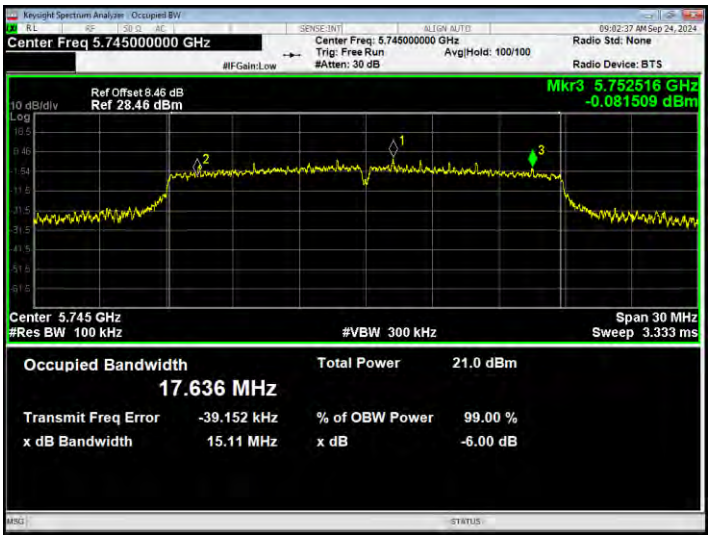
-6dB Bandwidth NVNT ax40 5795MHz Ant2



-6dB Bandwidth NVNT ax80 5775MHz Ant2



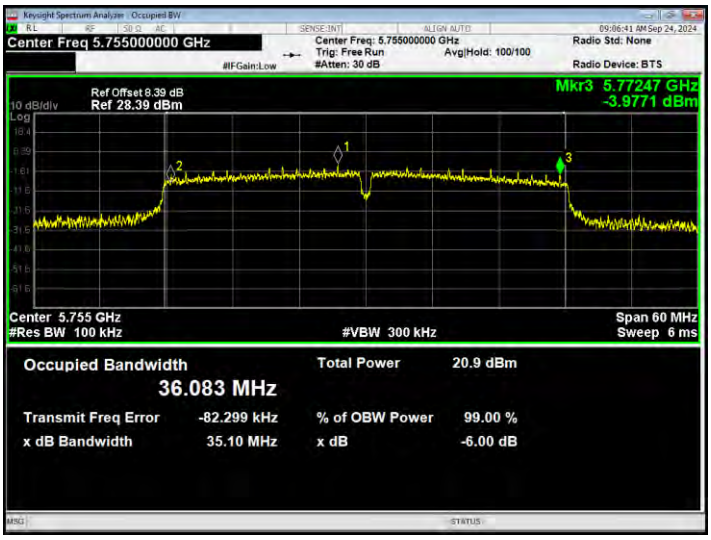
-6dB Bandwidth NVNT n20 5745MHz Ant2



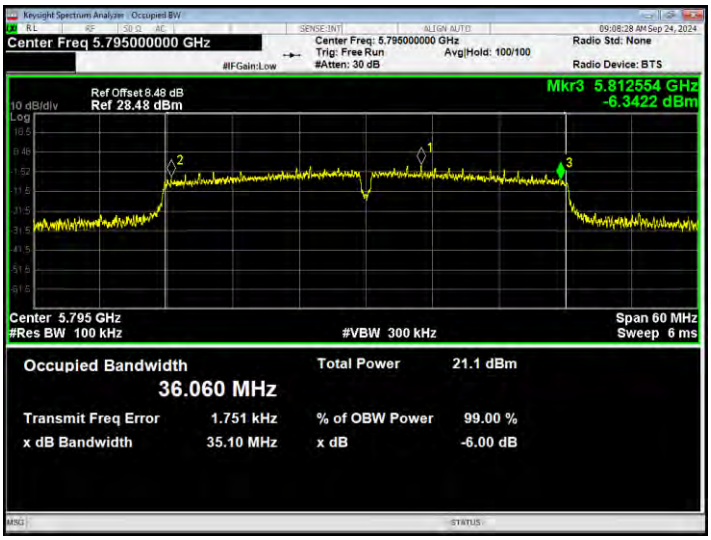
-6dB Bandwidth NVNT n20 5785MHz Ant2

-6dB Bandwidth NVNT n20 5825MHz Ant2

-6dB Bandwidth NVNT n40 5755MHz Ant2



-6dB Bandwidth NVNT n40 5795MHz Ant2

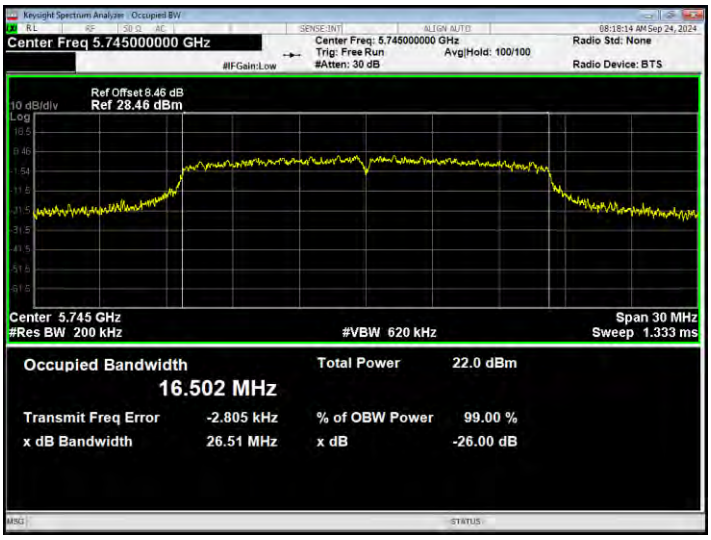


Occupied Channel Bandwidth

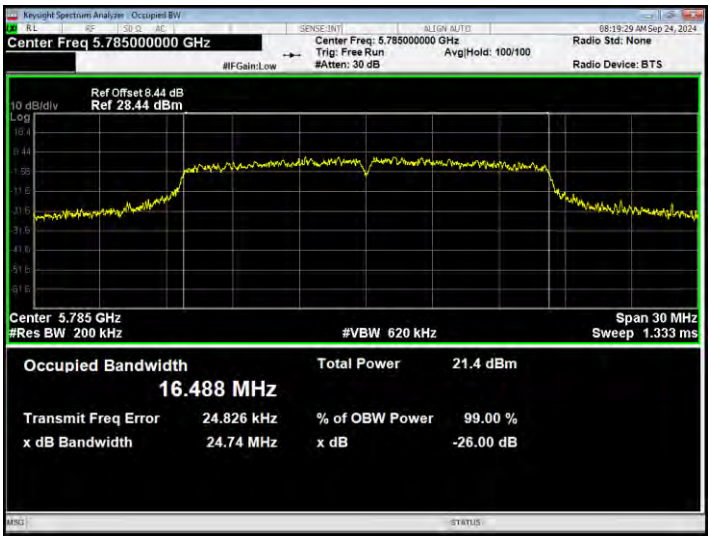
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.5024034
NVNT	a	5785	Ant1	16.48777257
NVNT	a	5825	Ant1	16.46590333
NVNT	ac20	5745	Ant1	17.65065351
NVNT	ac20	5785	Ant1	17.67038878
NVNT	ac20	5825	Ant1	17.63036884
NVNT	ac40	5755	Ant1	36.17548588
NVNT	ac40	5795	Ant1	36.17239397
NVNT	ac80	5775	Ant1	75.81817273
NVNT	ax20	5745	Ant1	17.64351727
NVNT	ax20	5785	Ant1	17.63655321
NVNT	ax20	5825	Ant1	17.62988079
NVNT	ax40	5755	Ant1	36.27762575
NVNT	ax40	5795	Ant1	36.20960395
NVNT	ax80	5775	Ant1	75.84903
NVNT	n20	5745	Ant1	17.80029737
NVNT	n20	5785	Ant1	17.77788099
NVNT	n20	5825	Ant1	17.70853559
NVNT	n40	5755	Ant1	36.21696784
NVNT	n40	5795	Ant1	36.12407744

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant2	16.49461169
NVNT	a	5785	Ant2	16.47725235
NVNT	a	5825	Ant2	16.45309932
NVNT	ac20	5745	Ant2	17.63048568
NVNT	ac20	5785	Ant2	17.65241119
NVNT	ac20	5825	Ant2	17.64278542
NVNT	ac40	5755	Ant2	36.20843973
NVNT	ac40	5795	Ant2	36.22742002
NVNT	ac80	5775	Ant2	75.80107643
NVNT	ax20	5745	Ant2	17.65886496
NVNT	ax20	5785	Ant2	17.61535706
NVNT	ax20	5825	Ant2	17.61157342
NVNT	ax40	5755	Ant2	36.24961042
NVNT	ax40	5795	Ant2	36.1186964
NVNT	ax80	5775	Ant2	75.75497102
NVNT	n20	5745	Ant2	17.71432715
NVNT	n20	5785	Ant2	17.697324
NVNT	n20	5825	Ant2	17.67002096
NVNT	n40	5755	Ant2	36.24842084
NVNT	n40	5795	Ant2	36.24567897

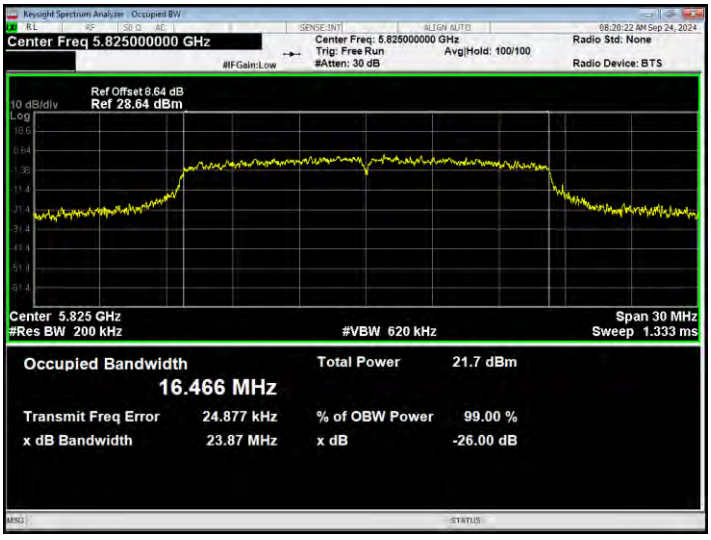
OBW NVNT a 5745MHz Ant1



OBW NVNT a 5785MHz Ant1

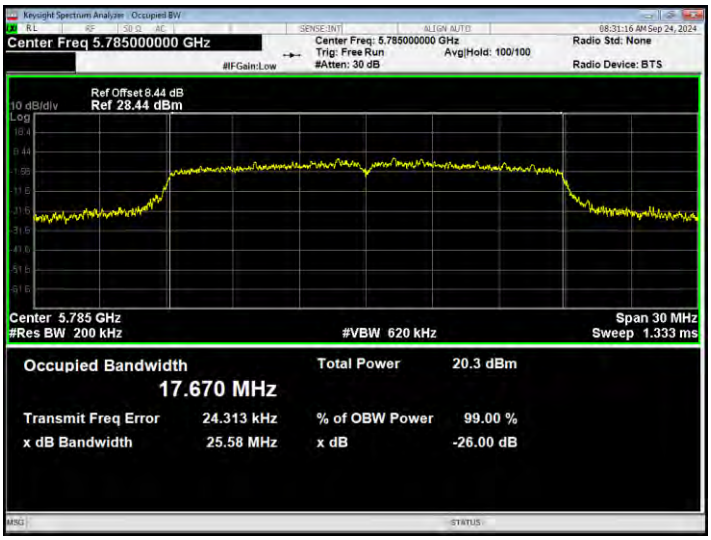


OBW NVNT a 5825MHz Ant1



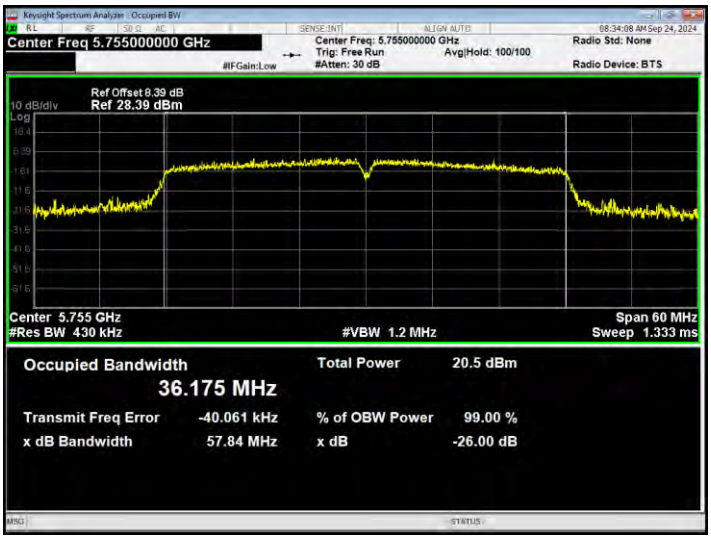
OBW NVNT ac20 5745MHz Ant1

OBW NVNT ac20 5785MHz Ant1

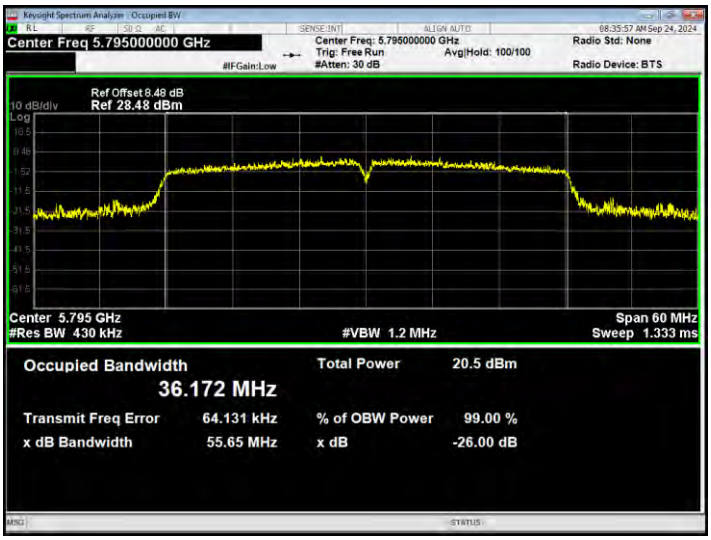


OBW NVNT ac20 5825MHz Ant1

OBW NVNT ac40 5755MHz Ant1

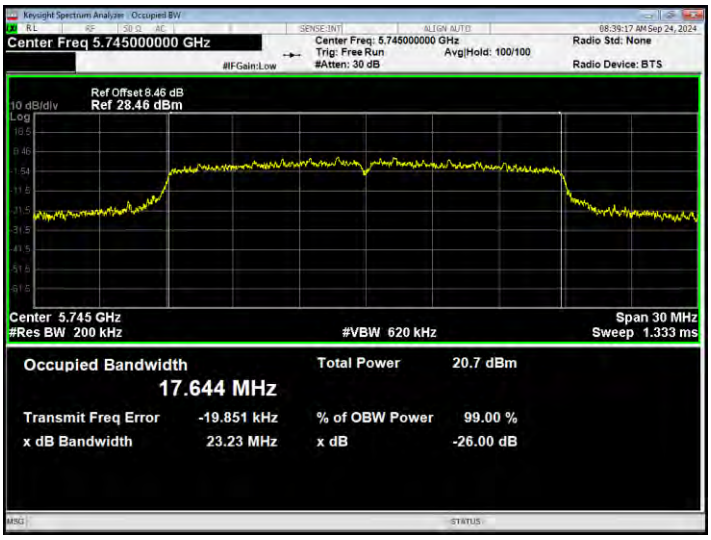


OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

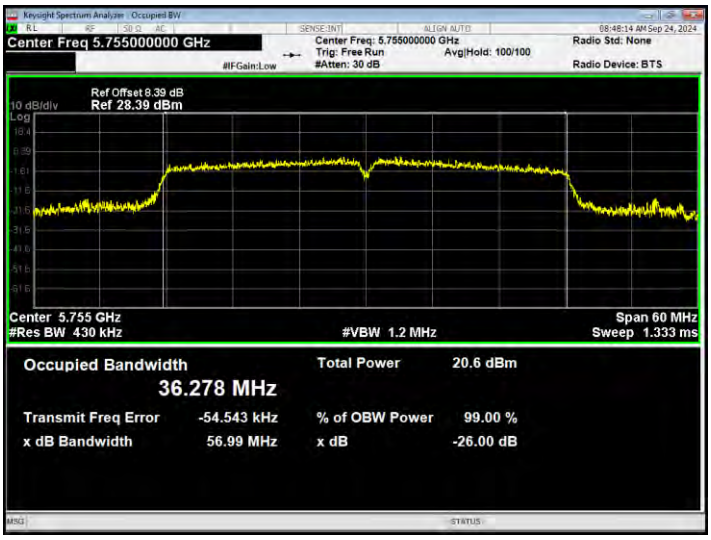
OBW NVNT ax20 5745MHz Ant1



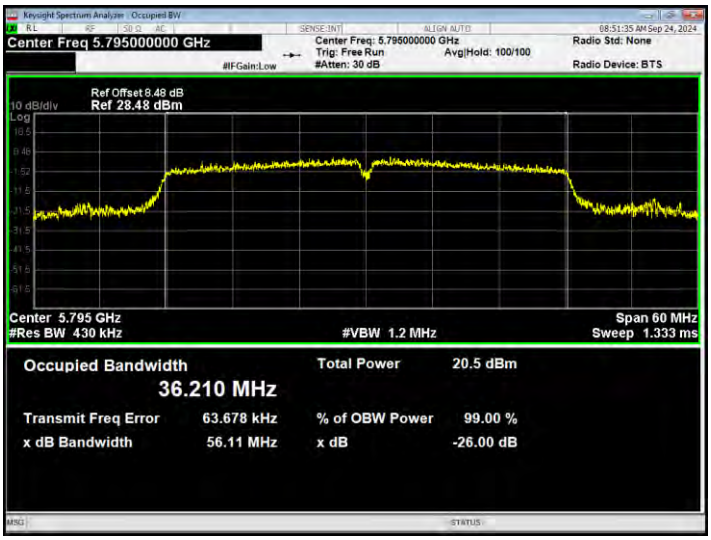
OBW NVNT ax20 5785MHz Ant1

OBW NVNT ax20 5825MHz Ant1

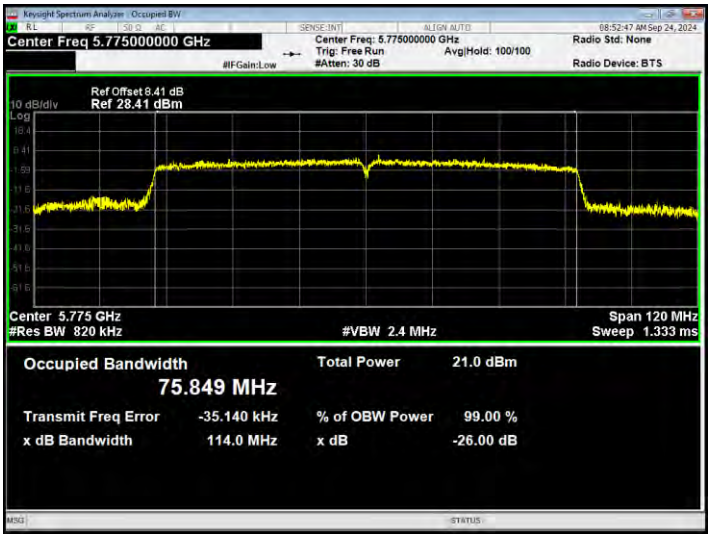
OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1

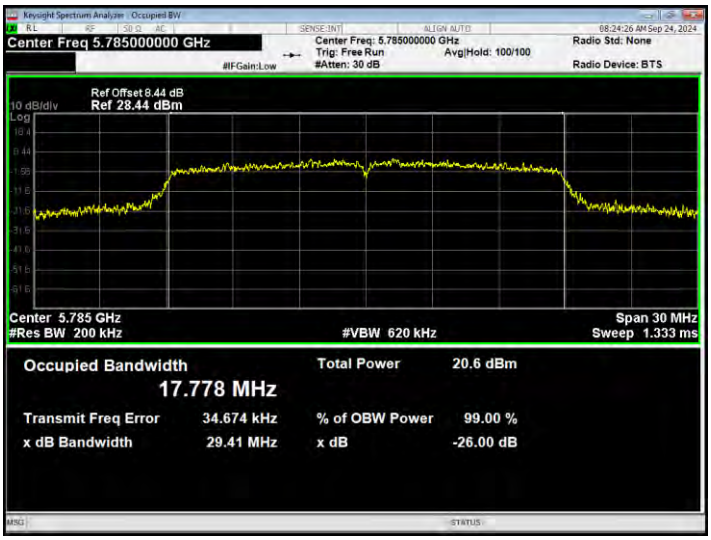


OBW NVNT ax80 5775MHz Ant1

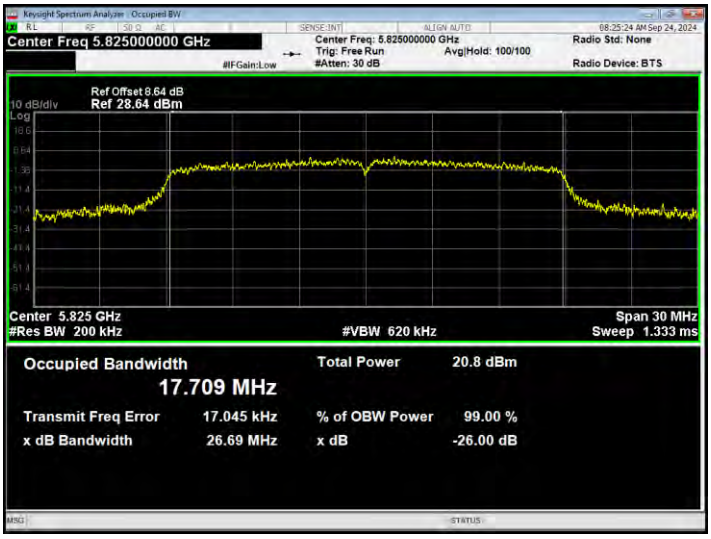


OBW NVNT n20 5745MHz Ant1

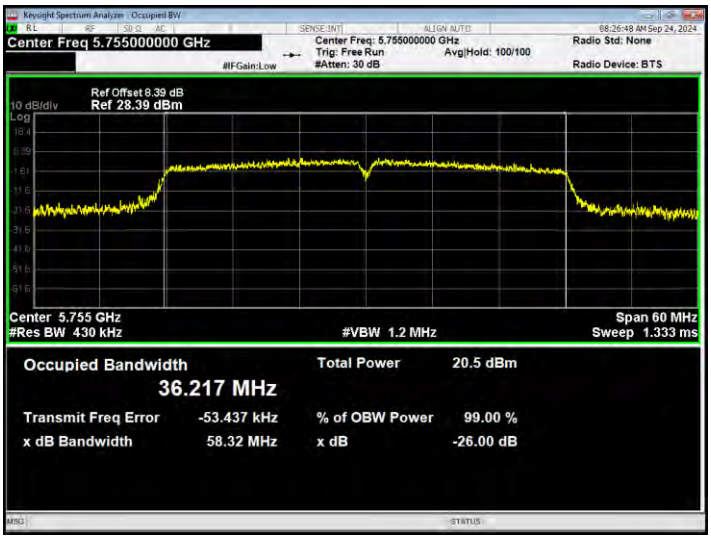
OBW NVNT n20 5785MHz Ant1



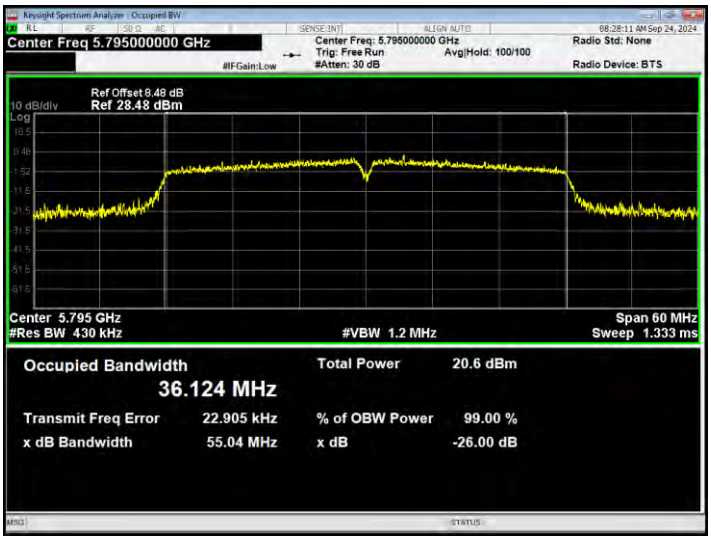
OBW NVNT n20 5825MHz Ant1



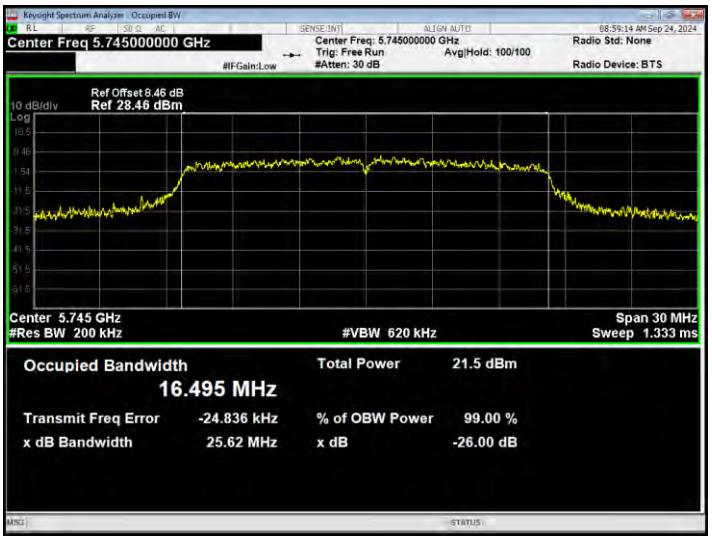
OBW NVNT n40 5755MHz Ant1



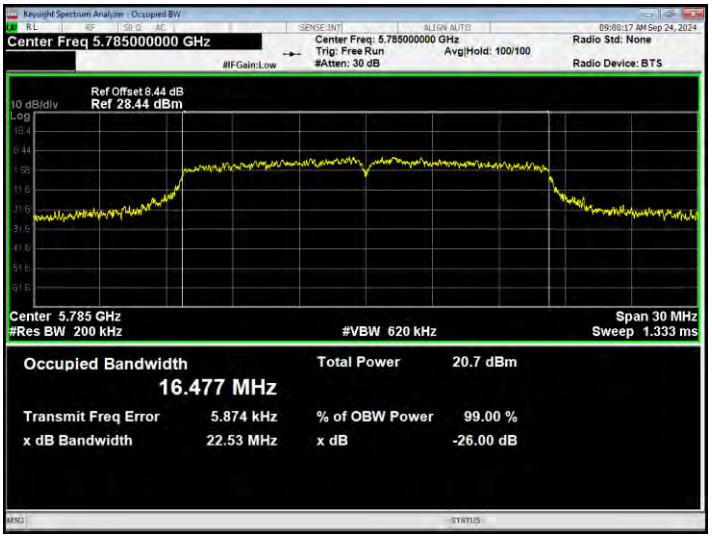
OBW NVNT n40 5795MHz Ant1



OBW NVNT a 5745MHz Ant2

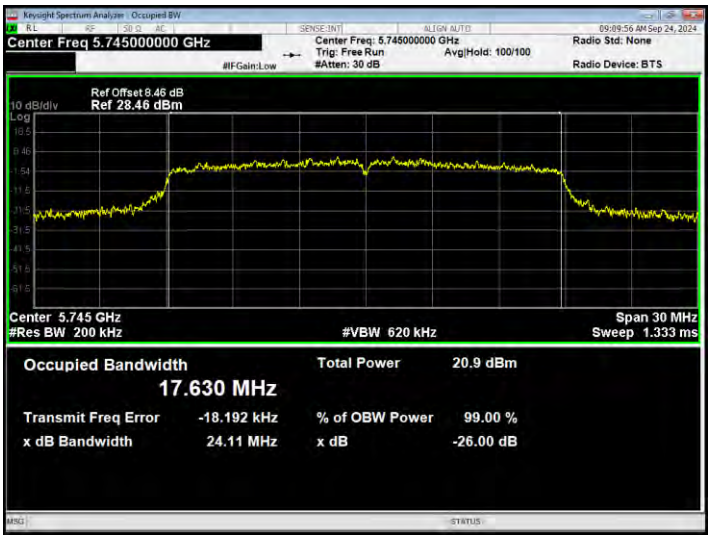


OBW NVNT a 5785MHz Ant2



OBW NVNT a 5825MHz Ant2

OBW NVNT ac20 5745MHz Ant2



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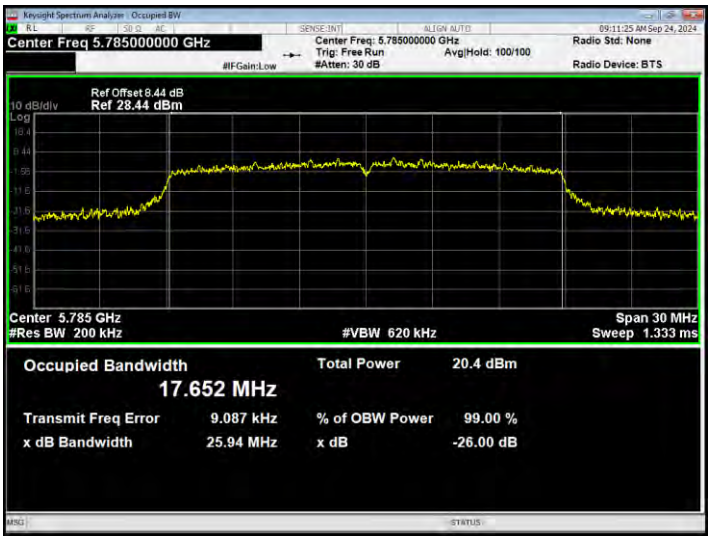

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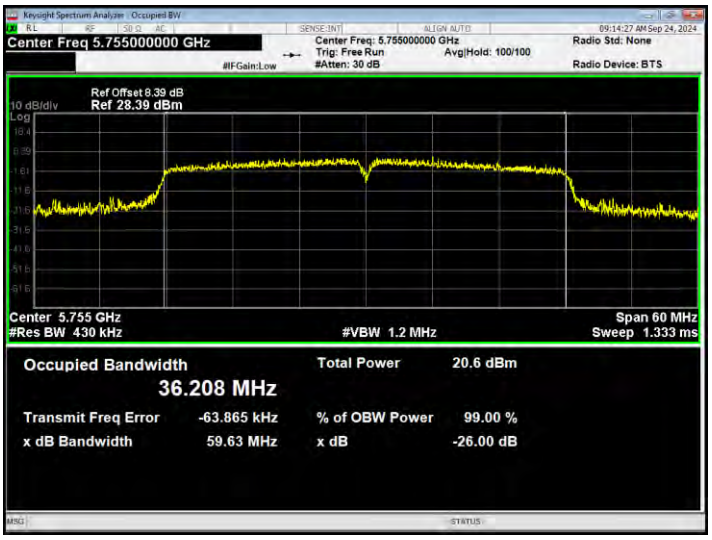

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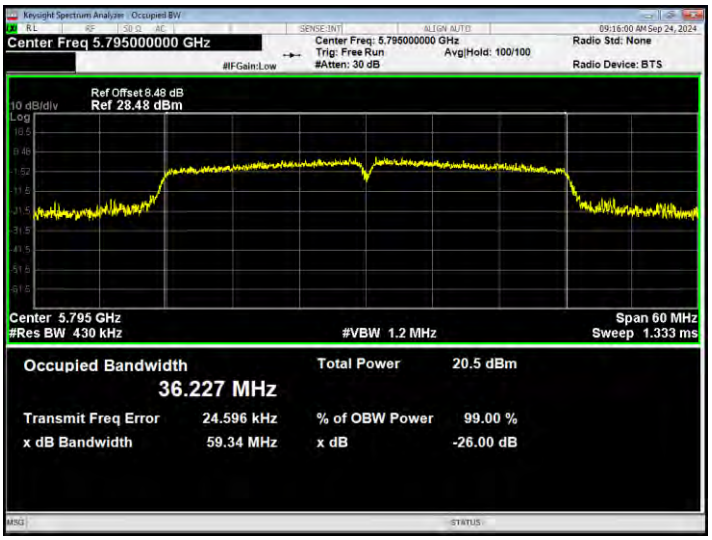

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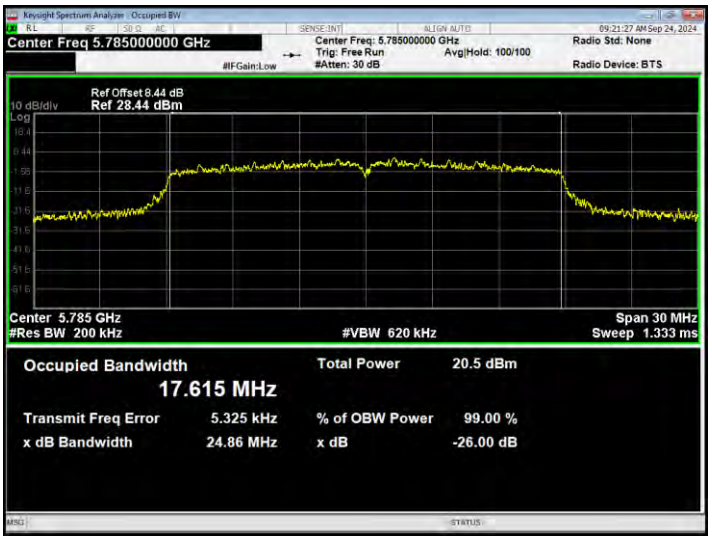

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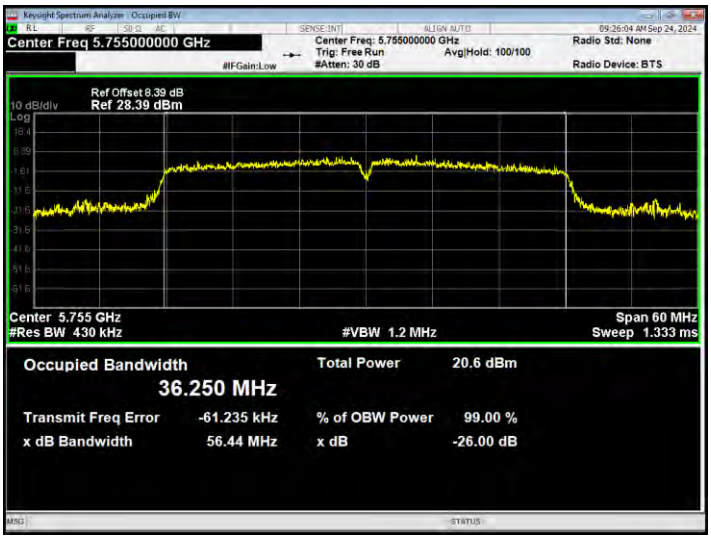
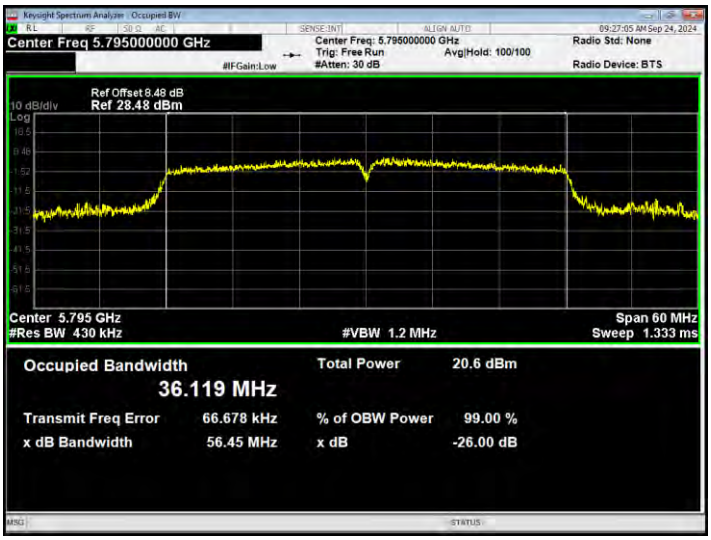


OBW NVNT ax40 5795MHz Ant2



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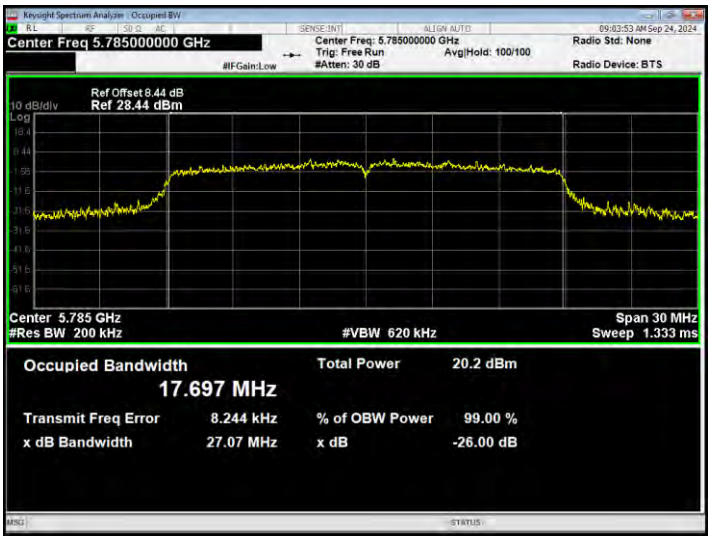

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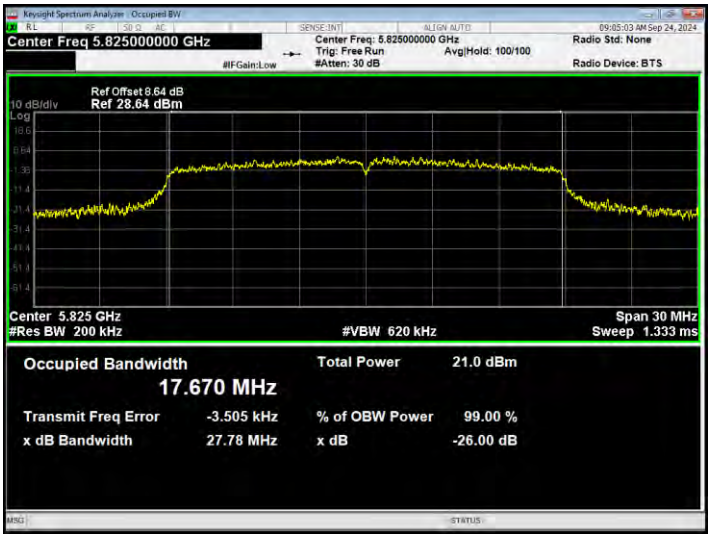

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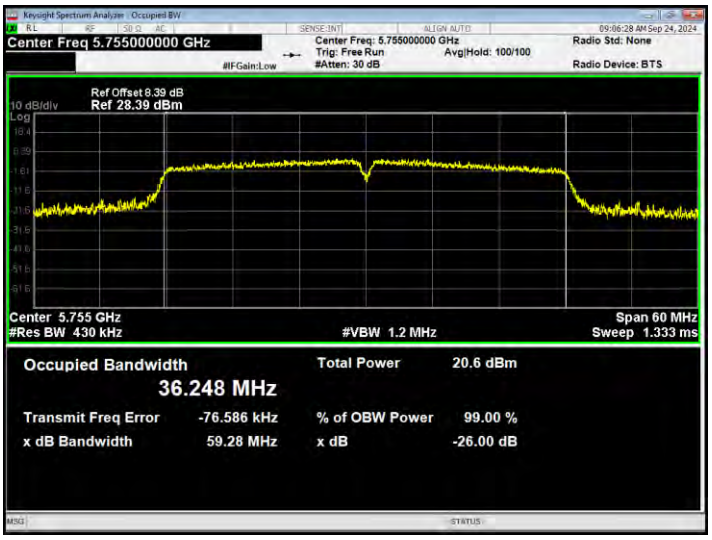
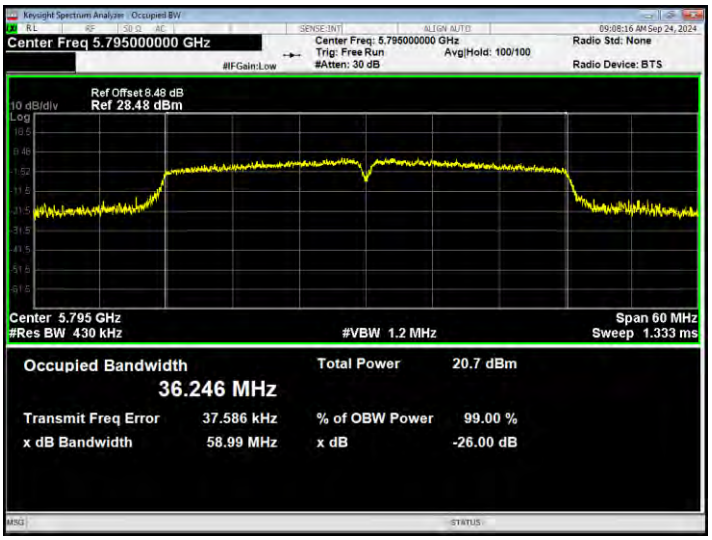


OBW NVNT n40 5795MHz Ant2



Maximum Power Spectral Density Level

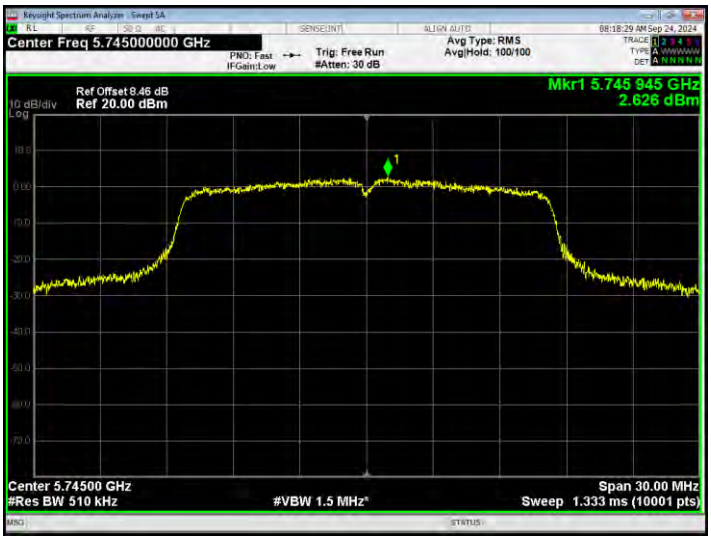
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	2.626	0.87	3.496	30	Pass
NVNT	a	5785	Ant1	1.962	1.12	3.082	30	Pass
NVNT	a	5825	Ant1	2.723	0.87	3.593	30	Pass
NVNT	ac20	5745	Ant1	2.072	0.31	2.382	30	Pass
NVNT	ac20	5785	Ant1	1.707	0.25	1.957	30	Pass
NVNT	ac20	5825	Ant1	2.434	0.25	2.684	30	Pass
NVNT	ac40	5755	Ant1	-1.299	0.47	-0.829	30	Pass
NVNT	ac40	5795	Ant1	-0.822	0.47	-0.352	30	Pass
NVNT	ac80	5775	Ant1	-4.936	0.83	-4.106	30	Pass
NVNT	ax20	5745	Ant1	2.493	0.35	2.843	30	Pass
NVNT	ax20	5785	Ant1	1.789	0.35	2.139	30	Pass
NVNT	ax20	5825	Ant1	2.321	0.35	2.671	30	Pass
NVNT	ax40	5755	Ant1	-1.214	0.82	-0.394	30	Pass
NVNT	ax40	5795	Ant1	-1.322	0.64	-0.682	30	Pass
NVNT	ax80	5775	Ant1	-5.285	1.41	-3.875	30	Pass
NVNT	n20	5745	Ant1	2.467	0.13	2.597	30	Pass
NVNT	n20	5785	Ant1	2.267	0.16	2.427	30	Pass
NVNT	n20	5825	Ant1	2.37	0.13	2.5	30	Pass
NVNT	n40	5755	Ant1	-0.801	0.26	-0.541	30	Pass
NVNT	n40	5795	Ant1	-0.912	0.26	-0.652	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	1.808	1.12	2.928	30	Pass
NVNT	a	5785	Ant2	1.666	0.87	2.536	30	Pass
NVNT	a	5825	Ant2	1.866	0.87	2.736	30	Pass
NVNT	ac20	5745	Ant2	2.158	0.31	2.468	30	Pass
NVNT	ac20	5785	Ant2	1.947	0.31	2.257	30	Pass
NVNT	ac20	5825	Ant2	2.059	0.31	2.369	30	Pass
NVNT	ac40	5755	Ant2	-1.091	0.47	-0.621	30	Pass
NVNT	ac40	5795	Ant2	-0.758	0.47	-0.288	30	Pass
NVNT	ac80	5775	Ant2	-5.054	0.87	-4.184	30	Pass
NVNT	ax20	5745	Ant2	2.528	0.35	2.878	30	Pass
NVNT	ax20	5785	Ant2	1.902	0.35	2.252	30	Pass
NVNT	ax20	5825	Ant2	1.968	0.45	2.418	30	Pass
NVNT	ax40	5755	Ant2	-0.766	0.64	-0.126	30	Pass
NVNT	ax40	5795	Ant2	-0.965	0.64	-0.325	30	Pass
NVNT	ax80	5775	Ant2	-5.452	1.09	-4.362	30	Pass
NVNT	n20	5745	Ant2	2.257	0.13	2.387	30	Pass
NVNT	n20	5785	Ant2	1.702	0.16	1.862	30	Pass
NVNT	n20	5825	Ant2	2.814	0.13	2.944	30	Pass
NVNT	n40	5755	Ant2	-0.717	0.32	-0.397	30	Pass
NVNT	n40	5795	Ant2	-0.449	0.26	-0.189	30	Pass

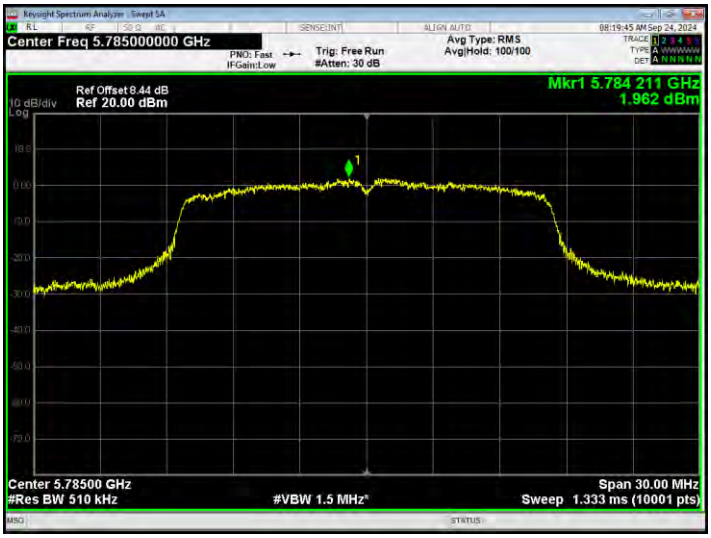
MIMO Mode

Mode	Frequency (MHz)	Antenna	Total PSD (dBm)	Limit (dBm)	Verdict
ac20	5745	Ant1+2	5.44	30	Pass
ac20	5785	Ant1+2	5.12	30	Pass
ac20	5825	Ant1+2	5.54	30	Pass
ac40	5755	Ant1+2	2.29	30	Pass
ac40	5795	Ant1+2	2.69	30	Pass
ac80	5775	Ant1+2	-1.13	30	Pass
ax20	5745	Ant1+2	5.87	30	Pass
ax20	5785	Ant1+2	5.21	30	Pass
ax20	5825	Ant1+2	5.56	30	Pass
ax40	5755	Ant1+2	2.75	30	Pass
ax40	5795	Ant1+2	2.51	30	Pass
ax80	5775	Ant1+2	-1.10	30	Pass
n20	5745	Ant1+2	5.50	30	Pass
n20	5785	Ant1+2	5.16	30	Pass
n20	5825	Ant1+2	5.74	30	Pass
n40	5755	Ant1+2	2.54	30	Pass
n40	5795	Ant1+2	2.60	30	Pass

PSD NVNT a 5745MHz Ant1

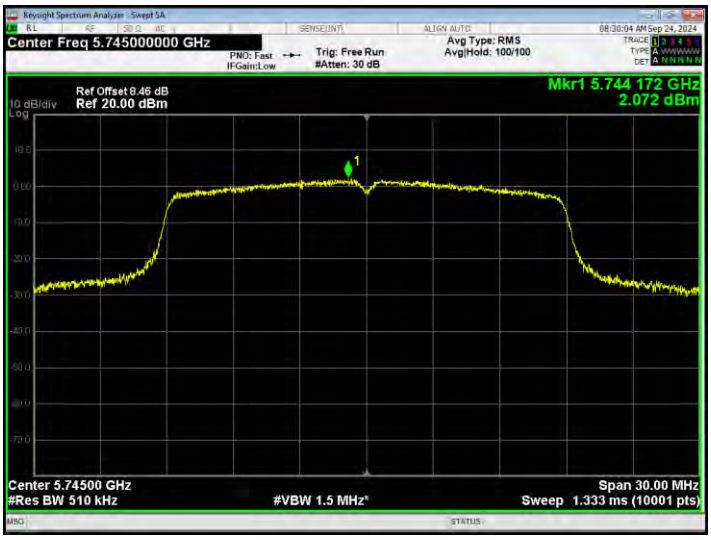


PSD NVNT a 5785MHz Ant1

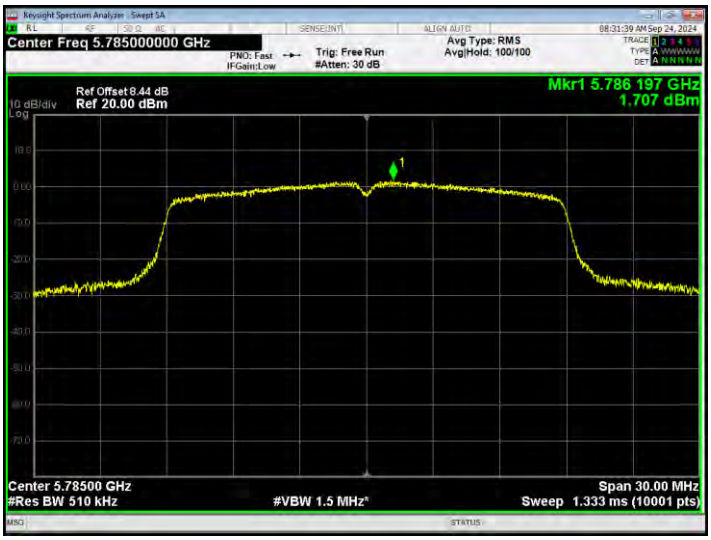


PSD NVNT a 5825MHz Ant1

PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



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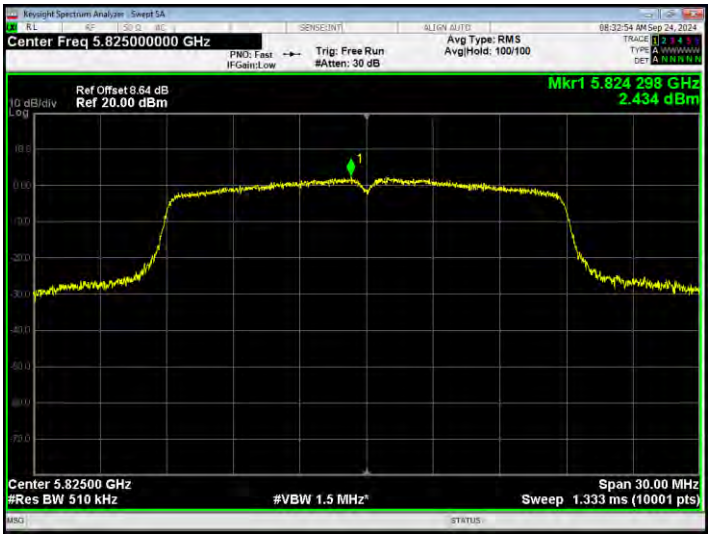

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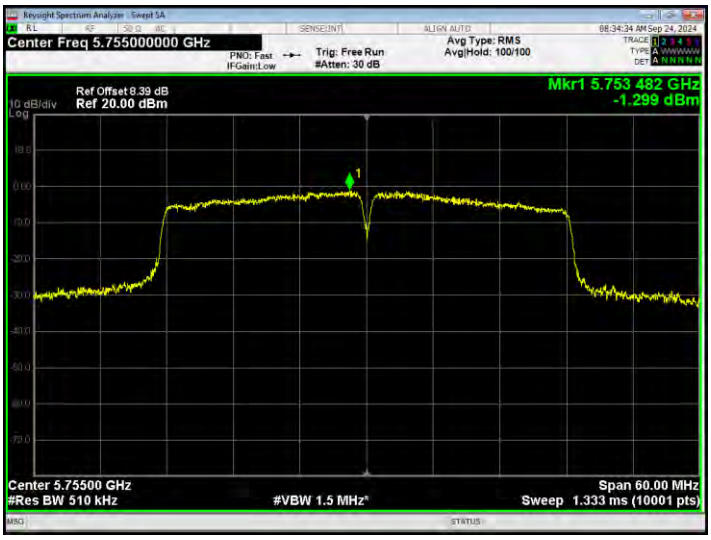

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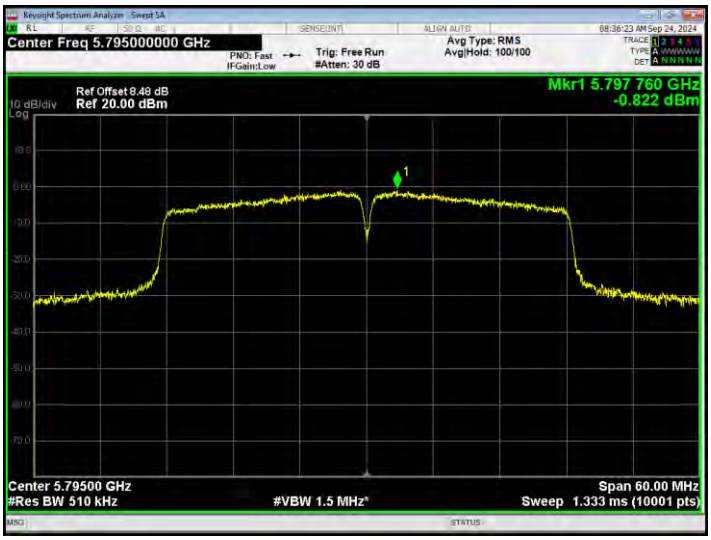

PSD NVNT ac80 5775MHz Ant1

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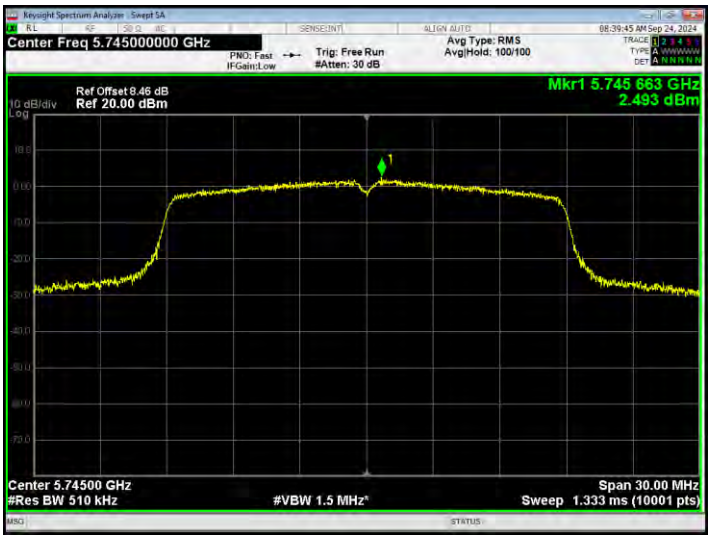

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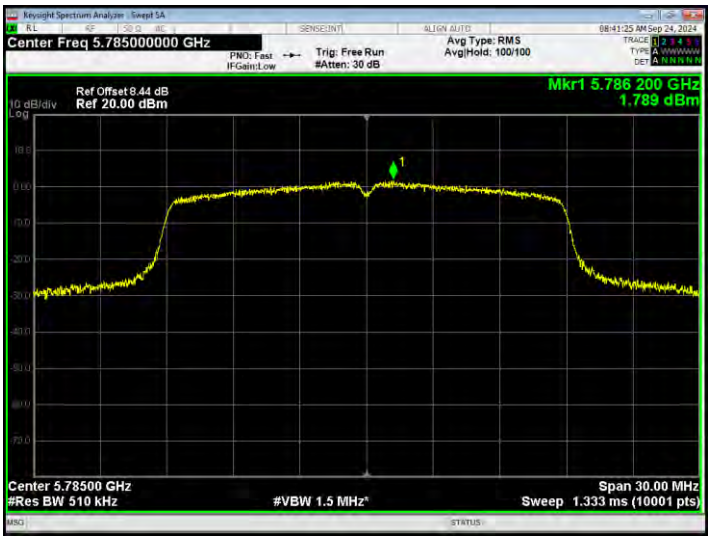

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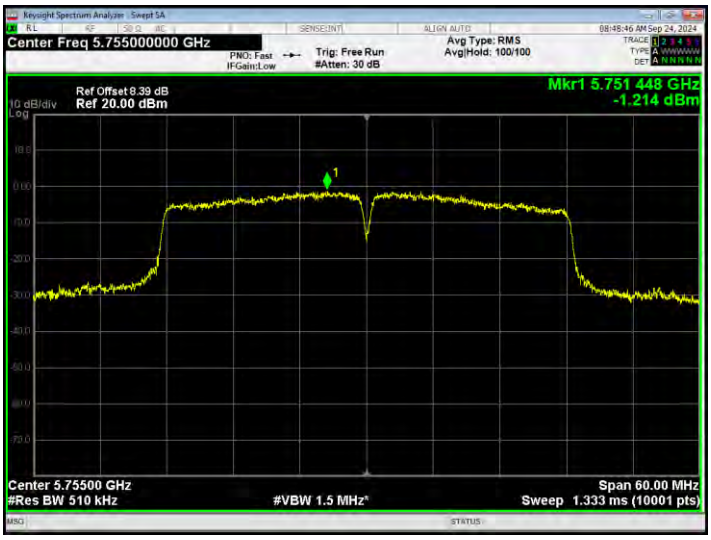

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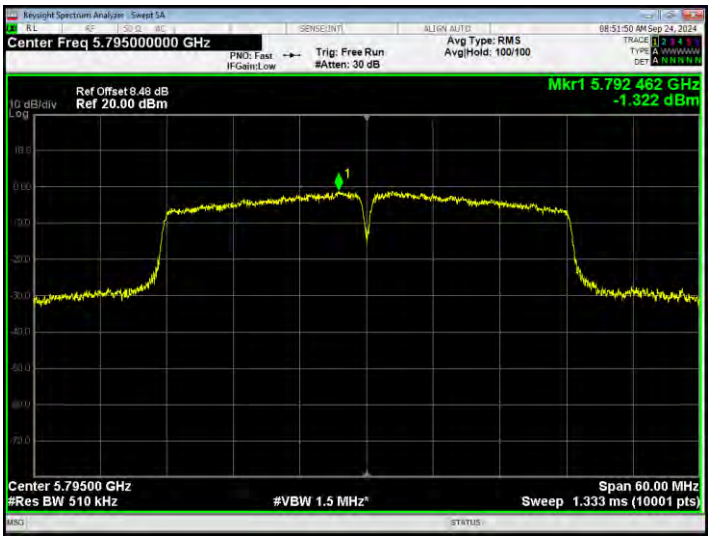

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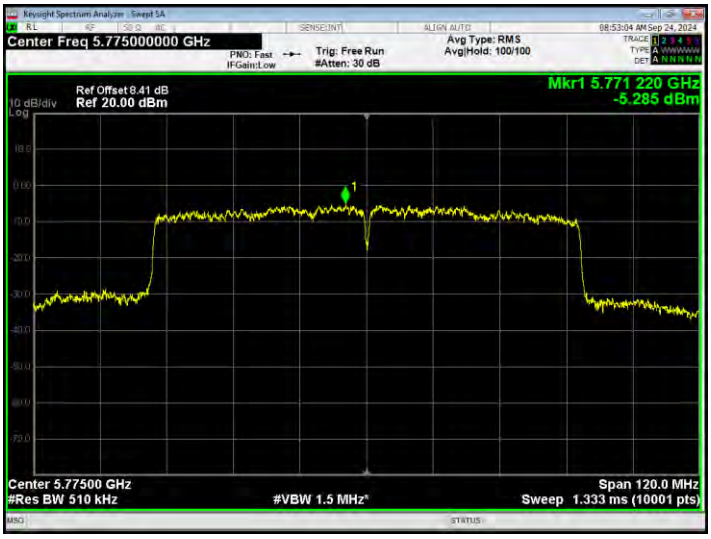

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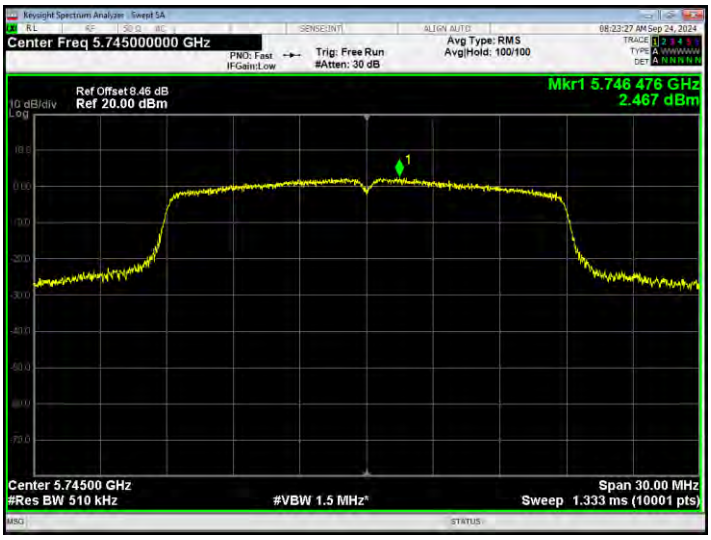

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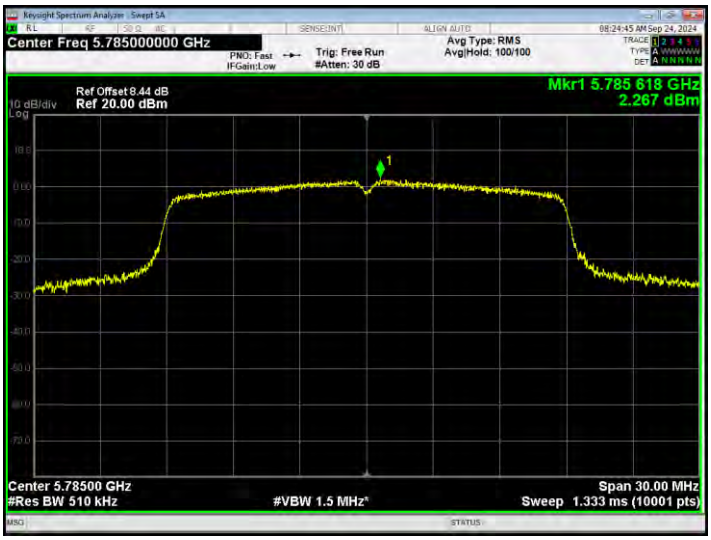

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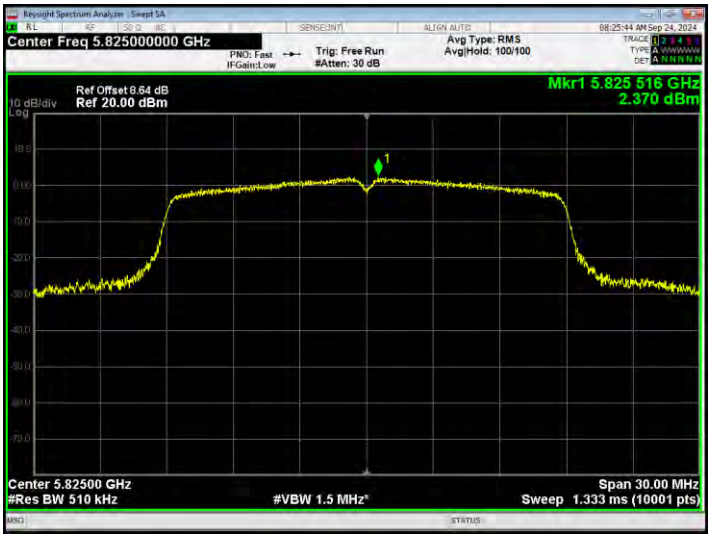

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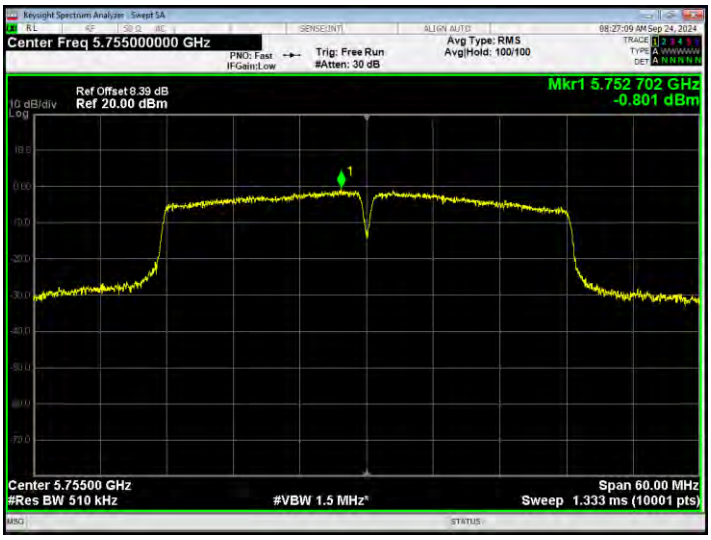

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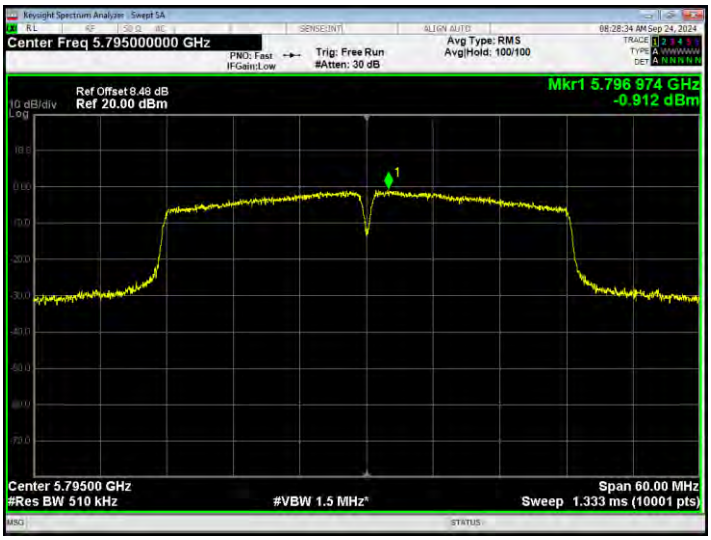
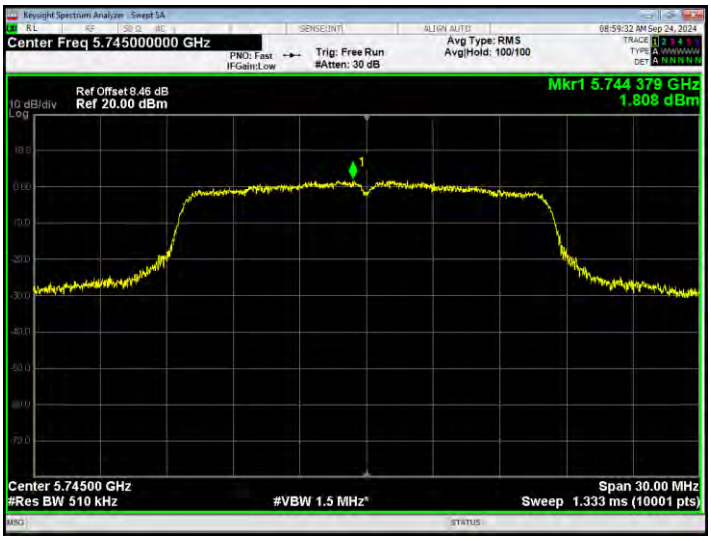


PSD NVNT a 5745MHz Ant2



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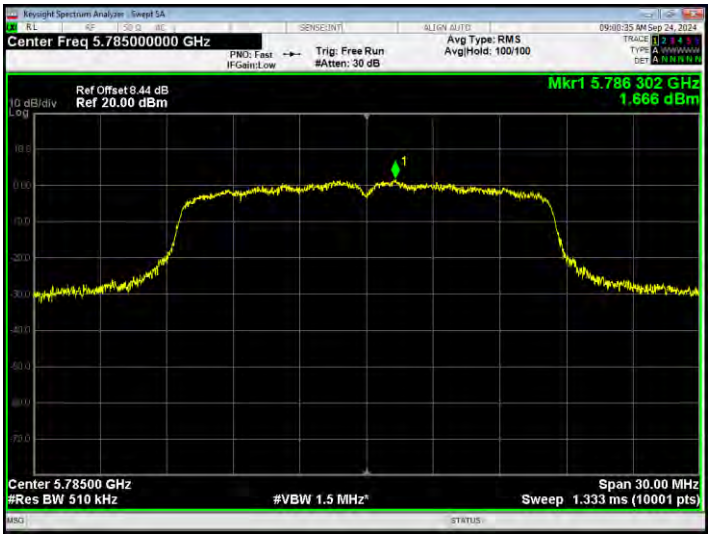

PSD NVNT a 5825MHz Ant2

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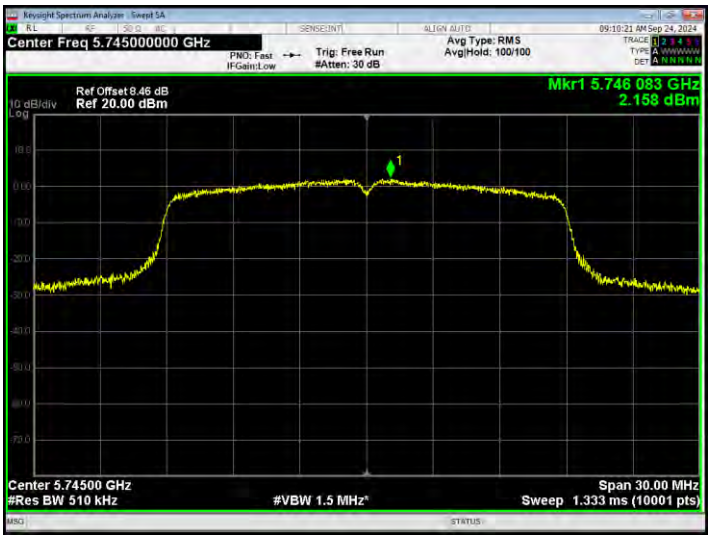
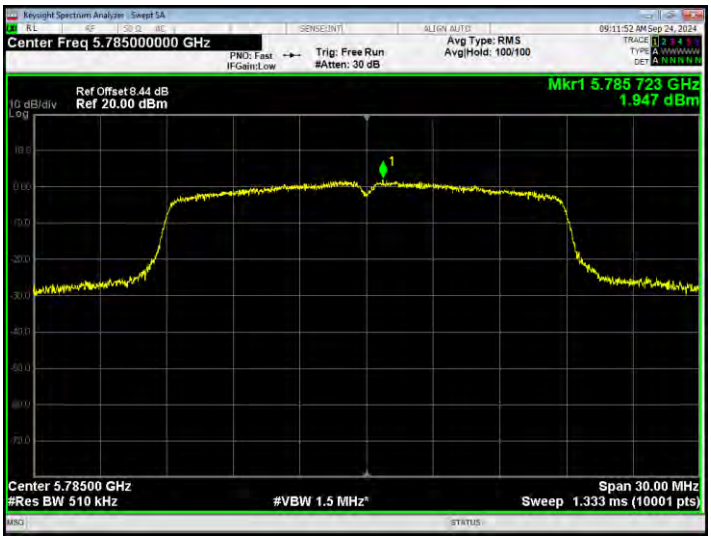


PSD NVNT ac20 5785MHz Ant2



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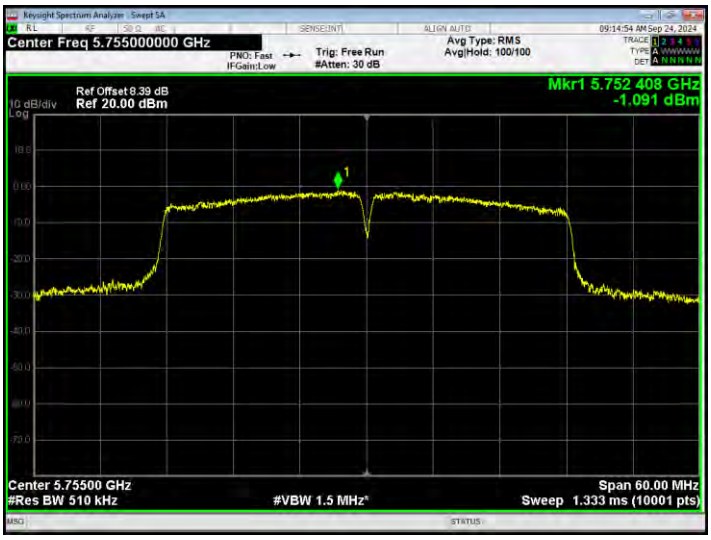
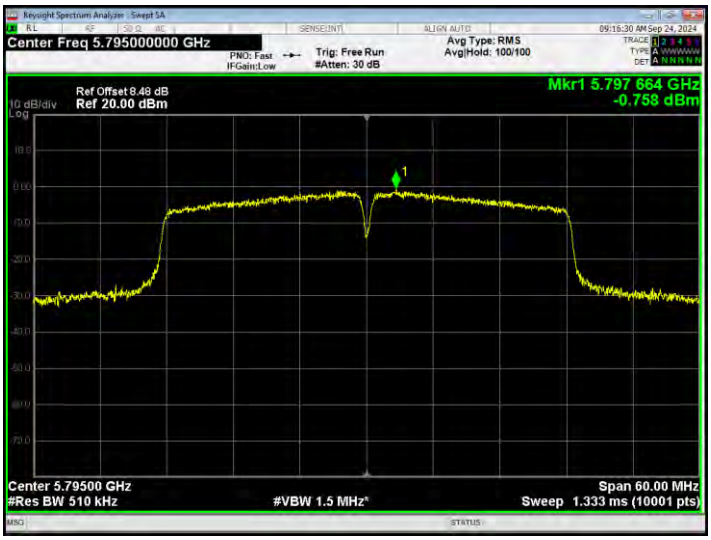
PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2



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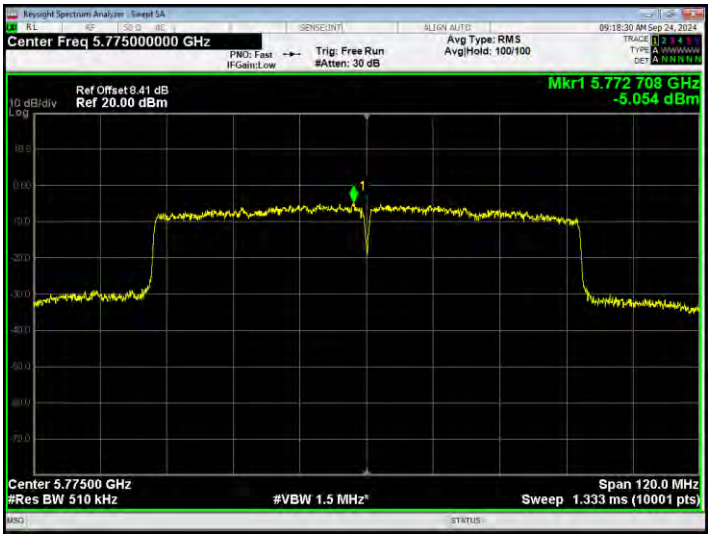

PSD NVNT ax20 5745MHz Ant2

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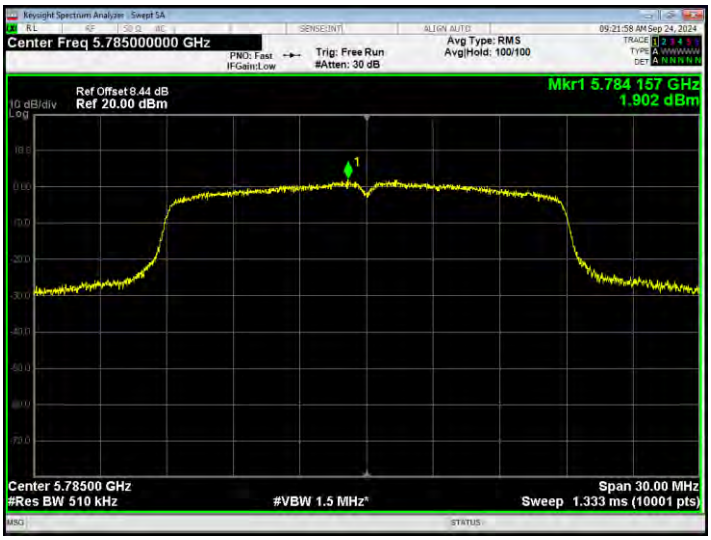

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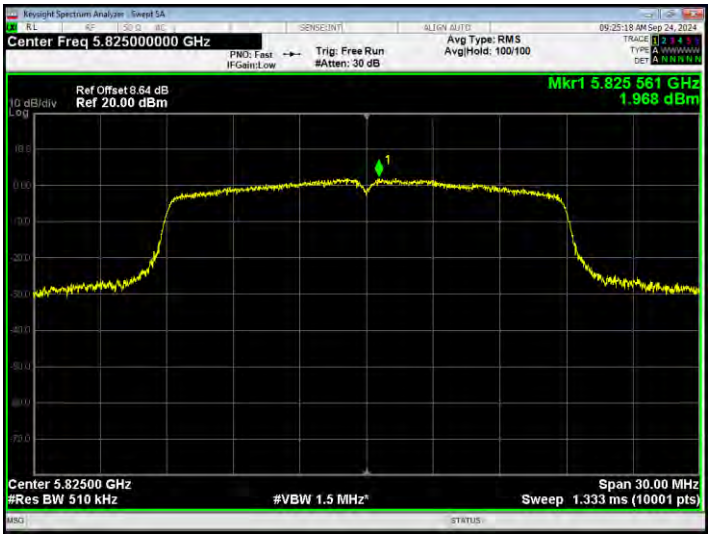

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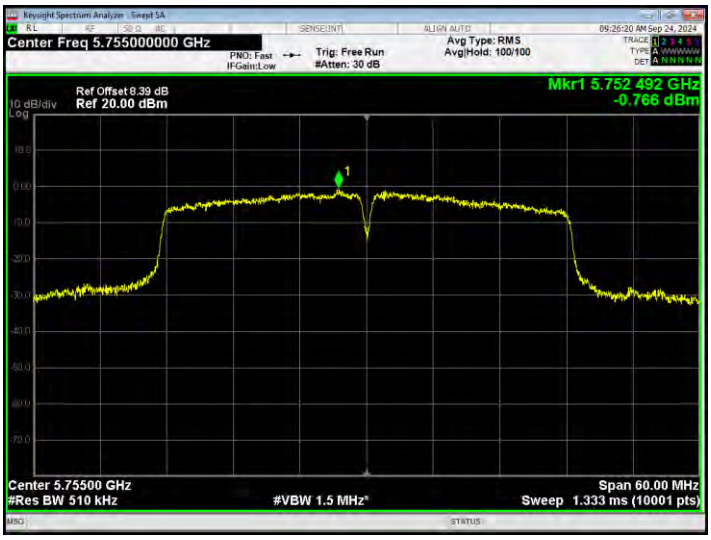
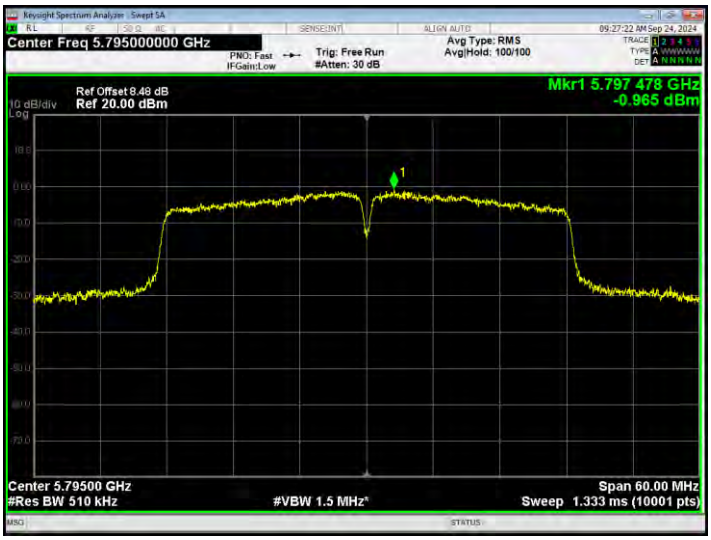
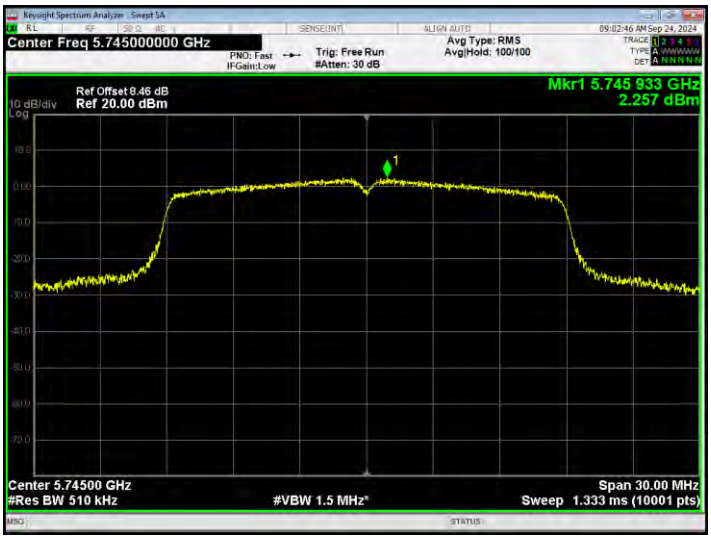


PSD NVNT ax40 5795MHz Ant2



PSD NVNT ax80 5775MHz Ant2

PSD NVNT n20 5745MHz Ant2



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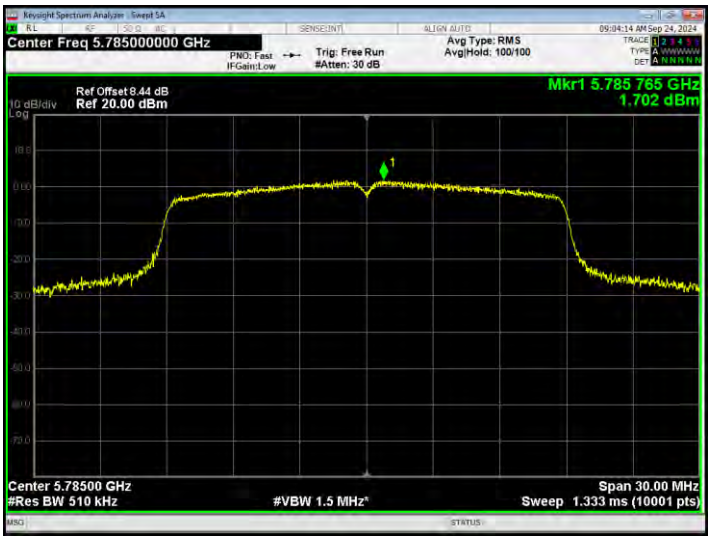
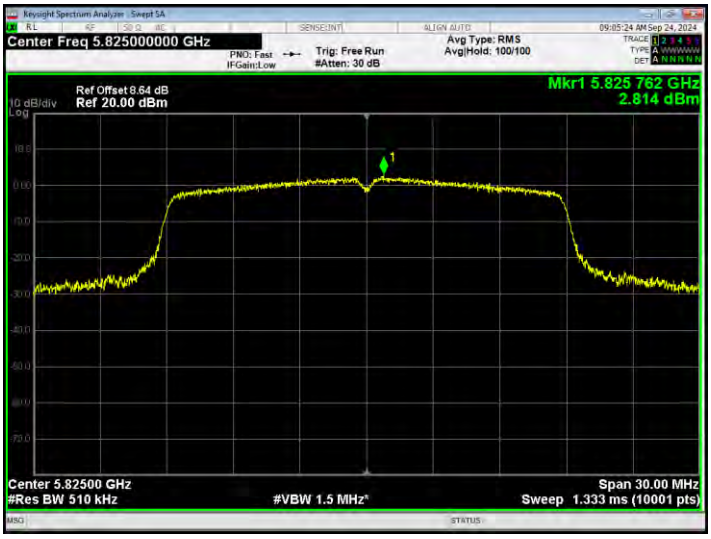
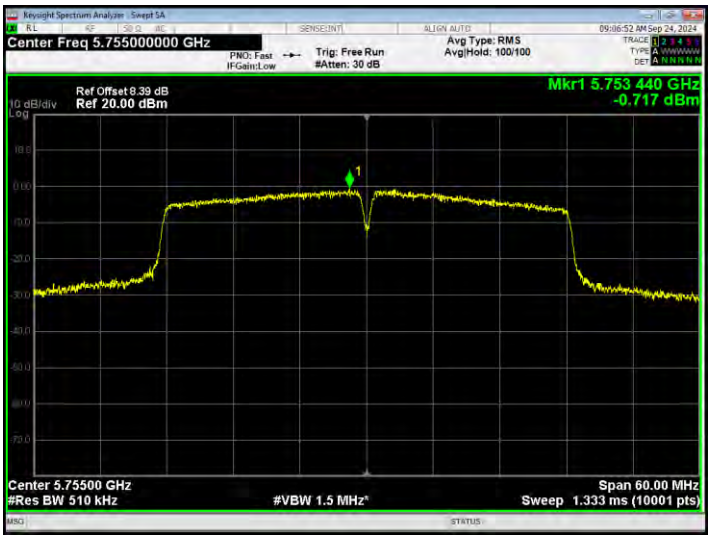


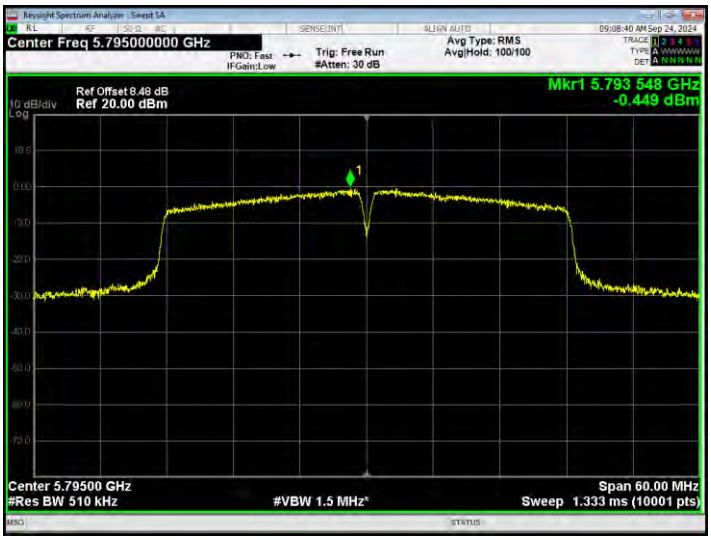
PSD NVNT n20 5825MHz Ant2



PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2



Band Edge

Note: the Ref offset=antenna gain+cable loss

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-15.28	Pass
NVNT	a	5825	Ant1	-26.25	Pass
NVNT	ac20	5745	Ant1	-16.87	Pass
NVNT	ac20	5825	Ant1	-24.44	Pass
NVNT	ac40	5755	Ant1	-12.07	Pass
NVNT	ac40	5795	Ant1	-27.61	Pass
NVNT	ax20	5745	Ant1	-17.04	Pass
NVNT	ax20	5825	Ant1	-23.27	Pass
NVNT	ax40	5755	Ant1	-11.51	Pass
NVNT	ax40	5795	Ant1	-29.28	Pass
NVNT	n20	5745	Ant1	-16.49	Pass
NVNT	n20	5825	Ant1	-24.62	Pass
NVNT	n40	5755	Ant1	-14.52	Pass
NVNT	n40	5795	Ant1	-23.12	Pass

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant2	-19.45	Pass
NVNT	a	5825	Ant2	-24.17	Pass
NVNT	ac20	5745	Ant2	-17.79	Pass
NVNT	ac20	5825	Ant2	-24.87	Pass
NVNT	ac40	5755	Ant2	-12.05	Pass
NVNT	ac40	5795	Ant2	-27.75	Pass
NVNT	ax20	5745	Ant2	-16.94	Pass
NVNT	ax20	5825	Ant2	-23.86	Pass
NVNT	ax40	5755	Ant2	-12.04	Pass
NVNT	ax40	5795	Ant2	-27.39	Pass
NVNT	n20	5745	Ant2	-17.22	Pass
NVNT	n20	5825	Ant2	-23.38	Pass
NVNT	n40	5755	Ant2	-14.37	Pass
NVNT	n40	5795	Ant2	-23.82	Pass

Band Edge NVNT a 5745MHz Low Ant1

Band Edge NVNT a 5825MHz High Ant1

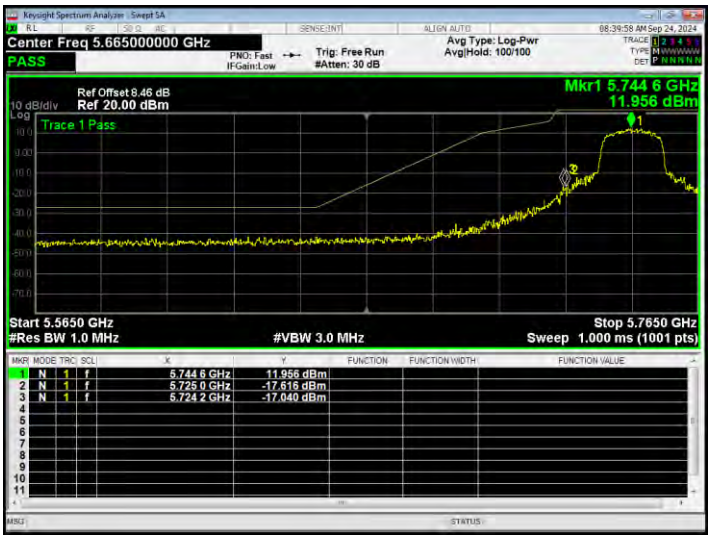
Band Edge NVNT ac20 5745MHz Low Ant1

Band Edge NVNT ac20 5825MHz High Ant1

Band Edge NVNT ac40 5755MHz Low Ant1

Band Edge NVNT ac40 5795MHz High Ant1

Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1

Band Edge NVNT ax40 5755MHz Low Ant1

Band Edge NVNT ax40 5795MHz High Ant1

Band Edge NVNT n20 5745MHz Low Ant1

Band Edge NVNT n20 5825MHz High Ant1

Band Edge NVNT n40 5755MHz Low Ant1

Band Edge NVNT n40 5795MHz High Ant1

Band Edge NVNT a 5745MHz Low Ant2

Band Edge NVNT a 5825MHz High Ant2

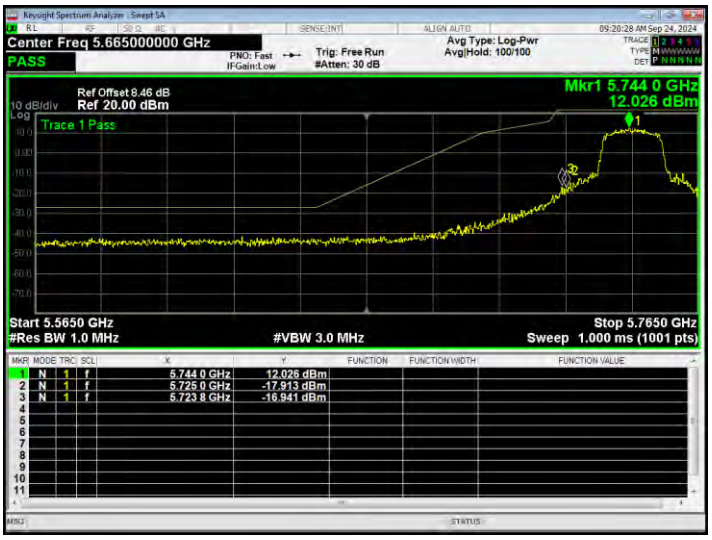
Band Edge NVNT ac20 5745MHz Low Ant2

Band Edge NVNT ac20 5825MHz High Ant2

Band Edge NVNT ac40 5755MHz Low Ant2

Band Edge NVNT ac40 5795MHz High Ant2

Band Edge NVNT ax20 5745MHz Low Ant2



Band Edge NVNT ax20 5825MHz High Ant2

Band Edge NVNT ax40 5755MHz Low Ant2

Band Edge NVNT ax40 5795MHz High Ant2

Band Edge NVNT n20 5745MHz Low Ant2

Band Edge NVNT n20 5825MHz High Ant2

Band Edge NVNT n40 5755MHz Low Ant2

Band Edge NVNT n40 5795MHz High Ant2