



Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: MINI PC

Test Model: B00JP1

Environmental Conditions

Temperature:	24.1℃
Relative Humidity:	52.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Bill Zhu
Supervised by:	Li Huan





E.1 -6dB Bandwidth

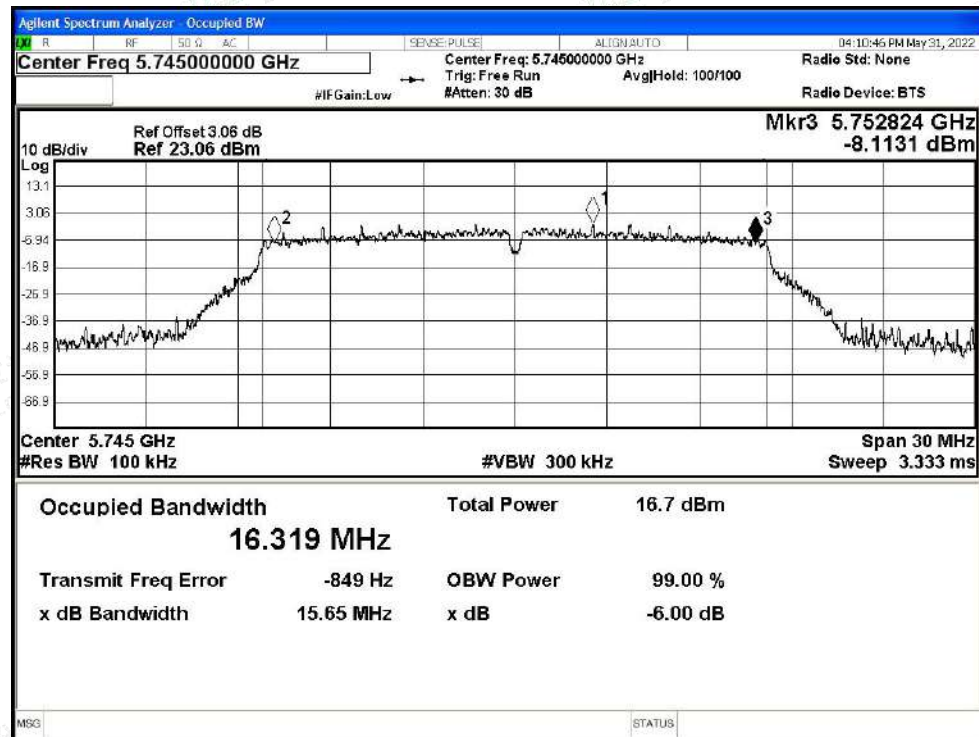
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant0	15.649	0.5	Pass
NVNT	a	5785	Ant0	15.816	0.5	Pass
NVNT	a	5825	Ant0	14.629	0.5	Pass
NVNT	n20	5745	Ant0	15.068	0.5	Pass
NVNT	n20	5785	Ant0	13.405	0.5	Pass
NVNT	n20	5825	Ant0	16.926	0.5	Pass
NVNT	n40	5755	Ant0	35.106	0.5	Pass
NVNT	n40	5795	Ant0	35.086	0.5	Pass
NVNT	ac20	5745	Ant0	13.214	0.5	Pass
NVNT	ac20	5785	Ant0	15.119	0.5	Pass
NVNT	ac20	5825	Ant0	14.651	0.5	Pass
NVNT	ac40	5755	Ant0	33.87	0.5	Pass
NVNT	ac40	5795	Ant0	35.109	0.5	Pass
NVNT	ac80	5775	Ant0	75.043	0.5	Pass



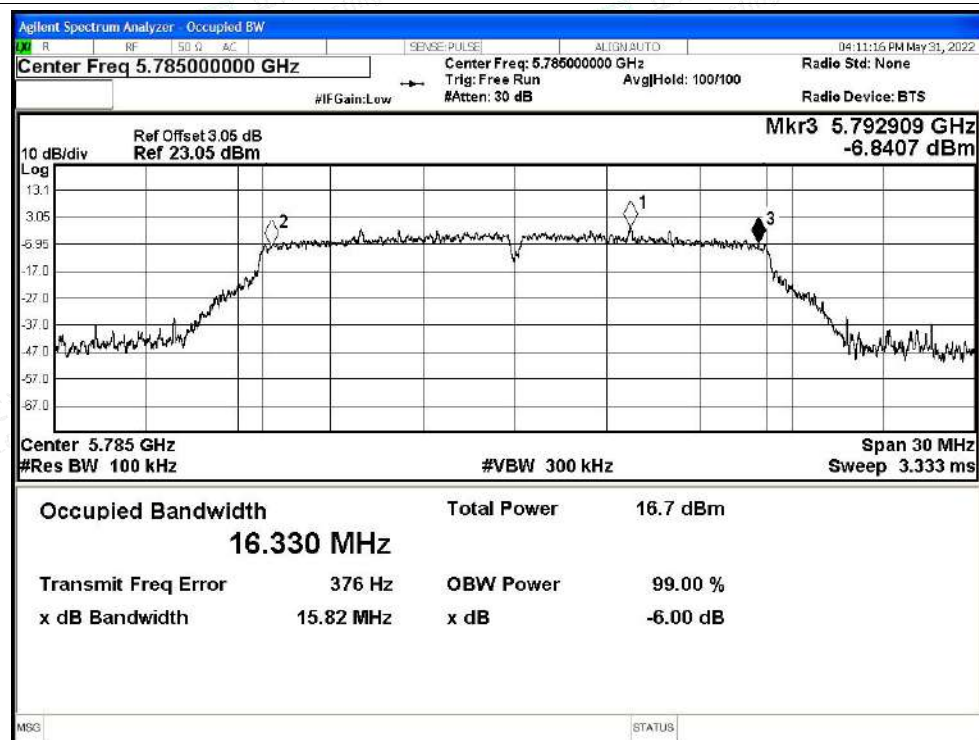


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant0

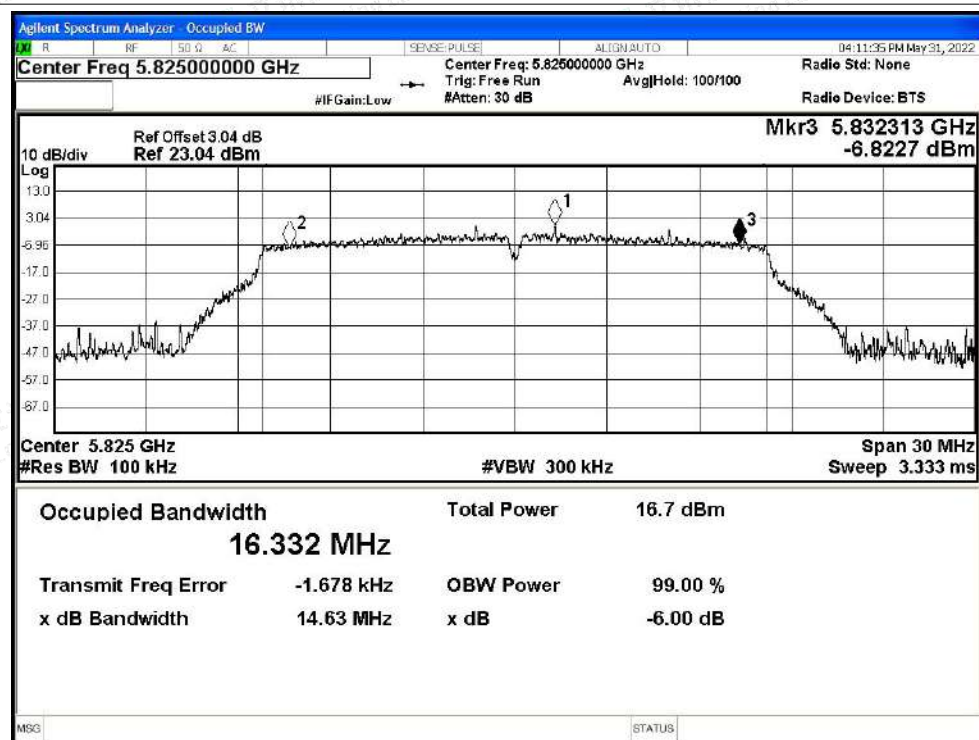


-6dB Bandwidth NVNT a 5785MHz Ant0

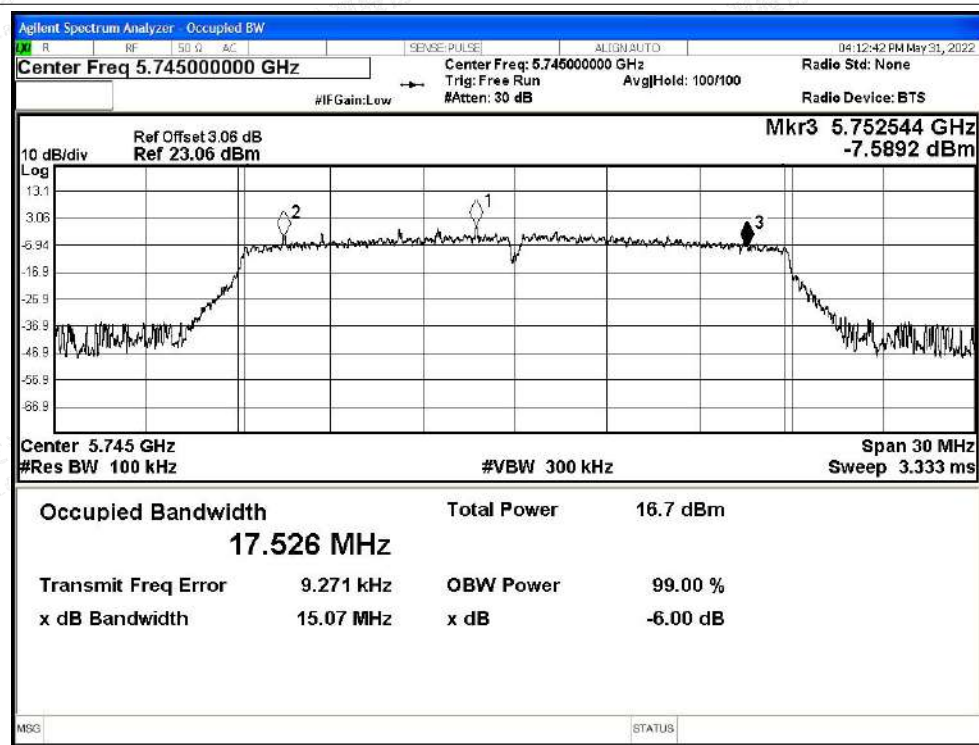




-6dB Bandwidth NVNT a 5825MHz Ant0



-6dB Bandwidth NVNT n20 5745MHz Ant0

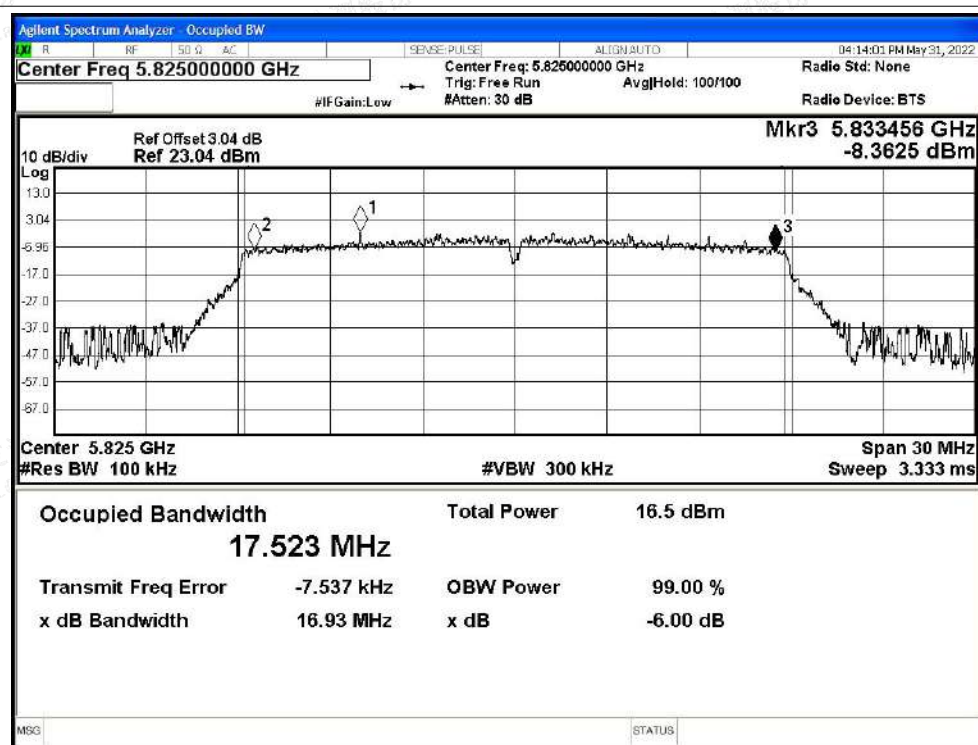




-6dB Bandwidth NVNT n20 5785MHz Ant0

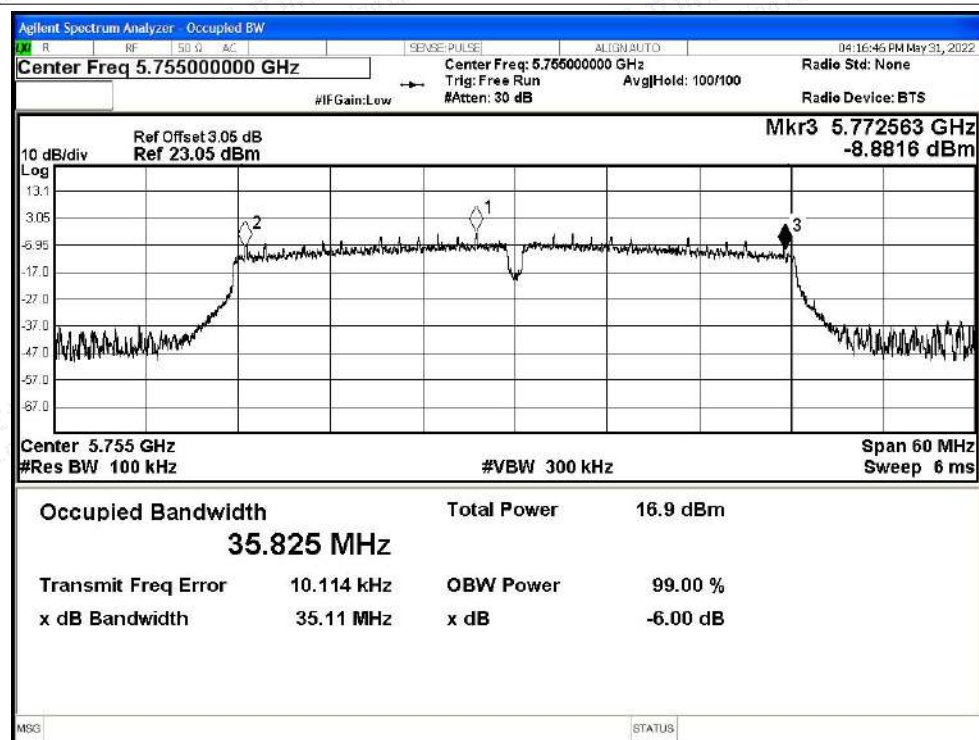


-6dB Bandwidth NVNT n20 5825MHz Ant0

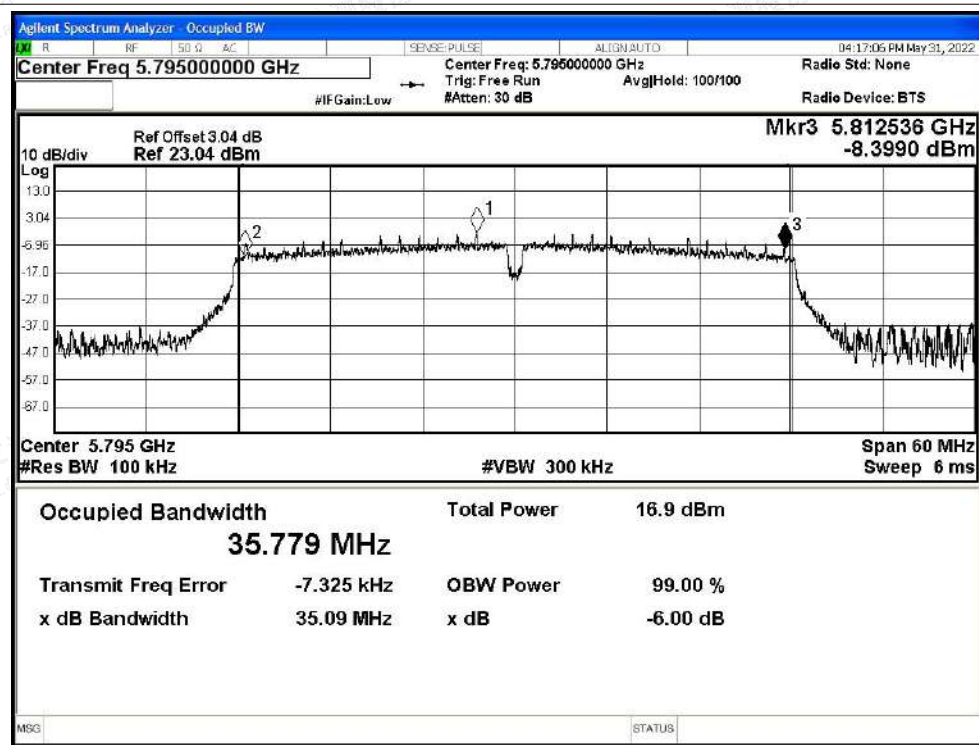




-6dB Bandwidth NVNT n40 5755MHz Ant0

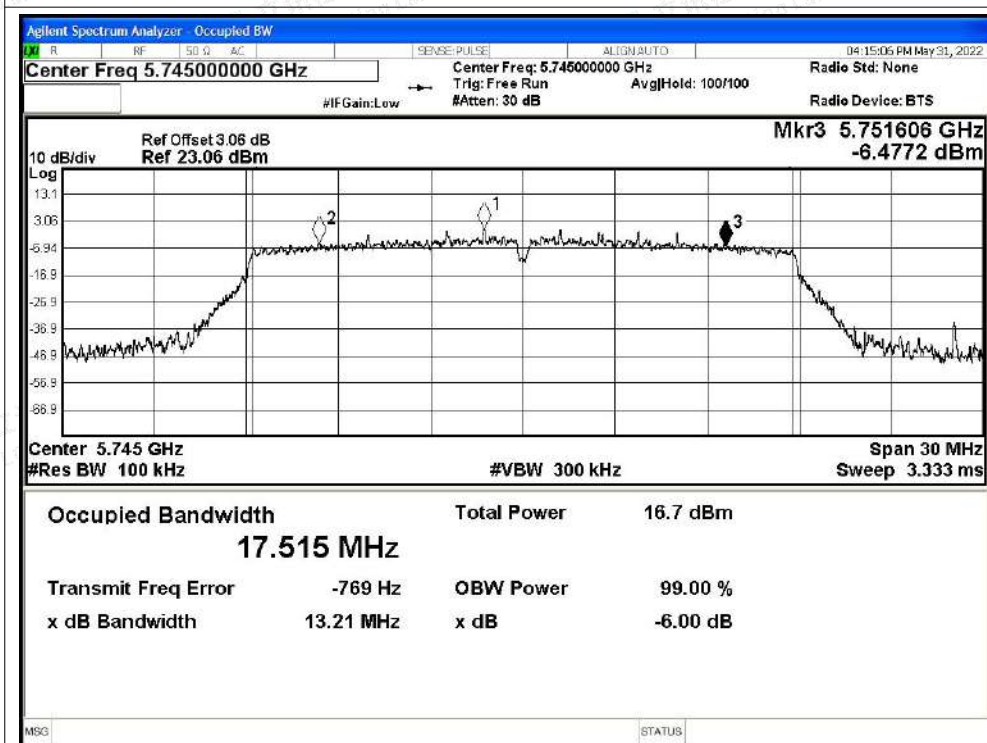


-6dB Bandwidth NVNT n40 5795MHz Ant0

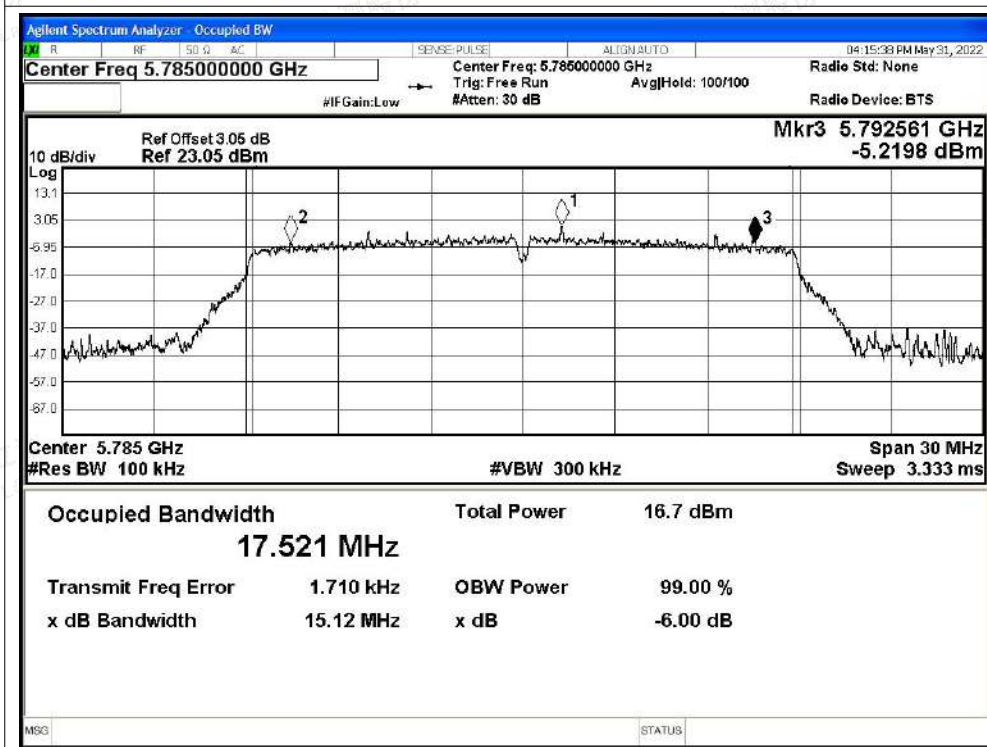




-6dB Bandwidth NVNT ac20 5745MHz Ant0

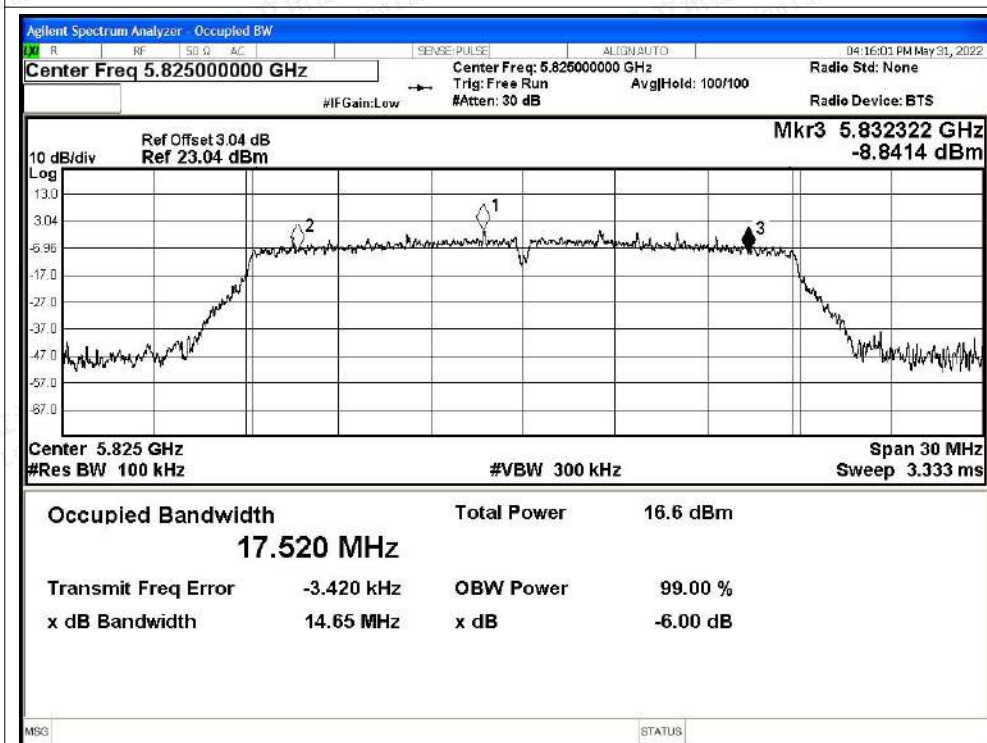


-6dB Bandwidth NVNT ac20 5785MHz Ant0

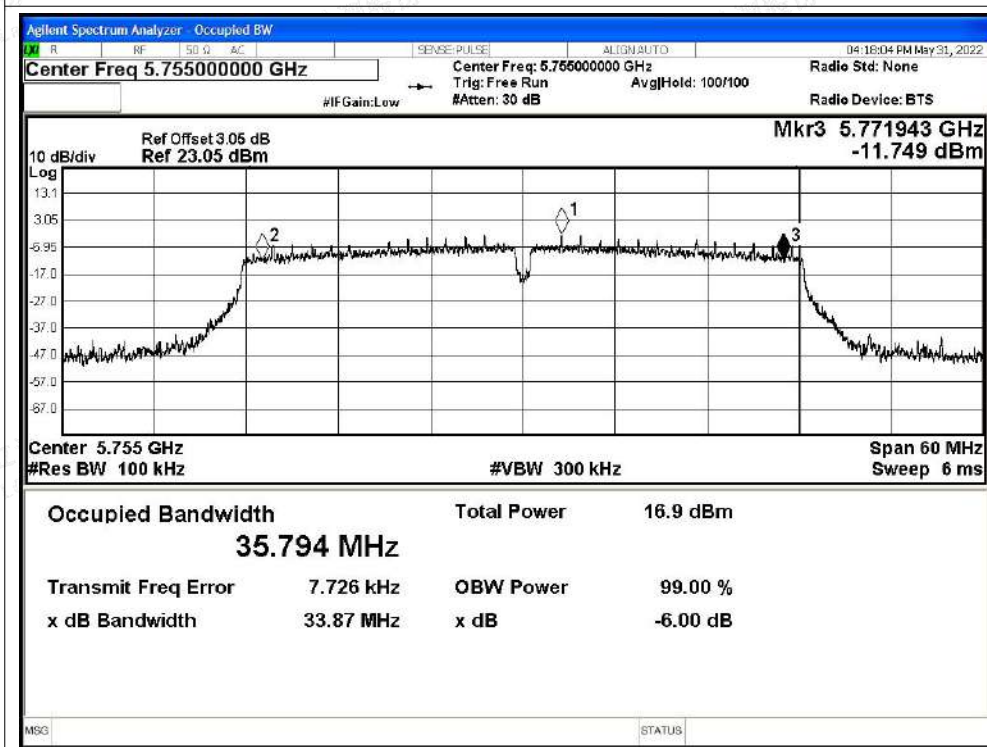




-6dB Bandwidth NVNT ac20 5825MHz Ant0



-6dB Bandwidth NVNT ac40 5755MHz Ant0

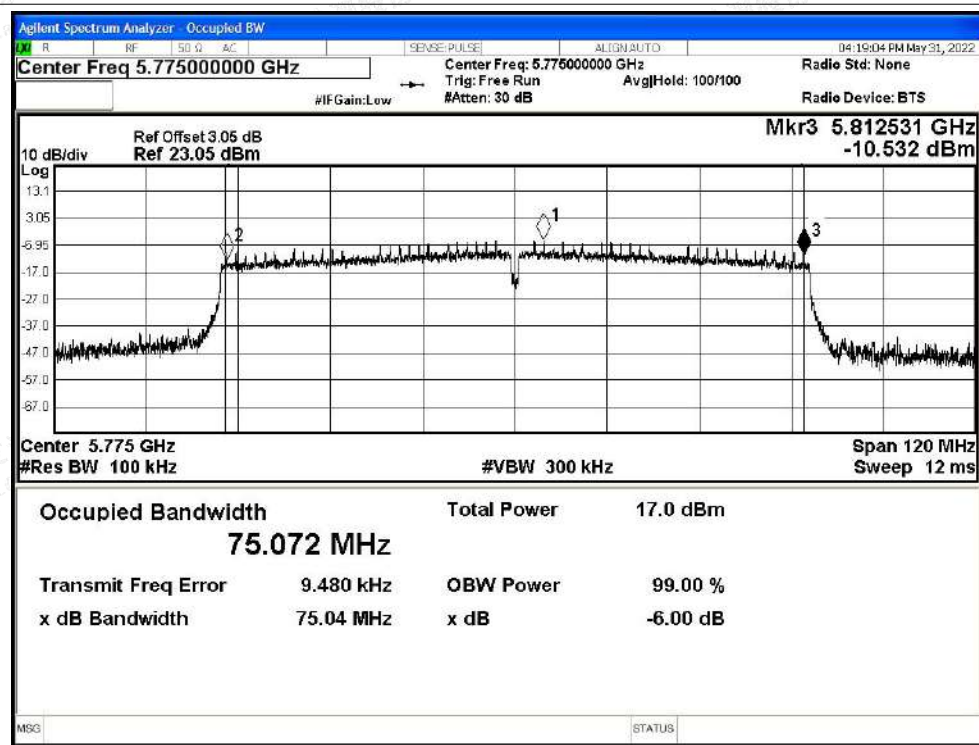




-6dB Bandwidth NVNT ac40 5795MHz Ant0



-6dB Bandwidth NVNT ac80 5775MHz Ant0



Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.292	0.5	Pass



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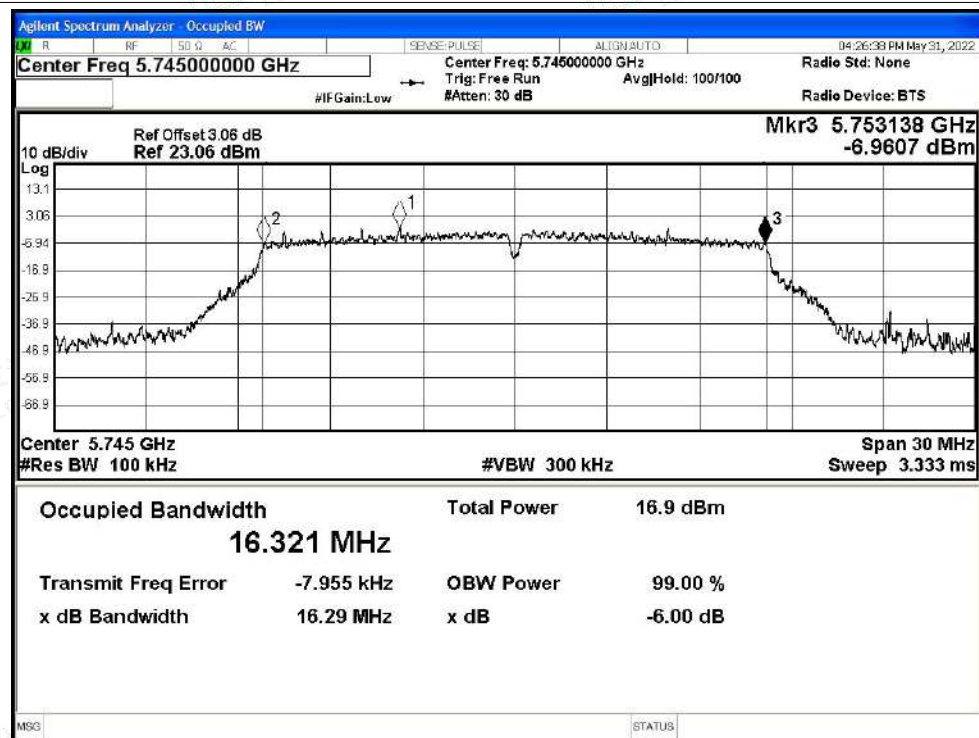
NVNT	a	5785	Ant1	14.986	0.5	Pass
NVNT	a	5825	Ant1	15.063	0.5	Pass
NVNT	n20	5745	Ant1	15.082	0.5	Pass
NVNT	n20	5785	Ant1	13.851	0.5	Pass
NVNT	n20	5825	Ant1	15.116	0.5	Pass
NVNT	n40	5755	Ant1	35.068	0.5	Pass
NVNT	n40	5795	Ant1	35.069	0.5	Pass
NVNT	ac20	5745	Ant1	15.105	0.5	Pass
NVNT	ac20	5785	Ant1	15.709	0.5	Pass
NVNT	ac20	5825	Ant1	15.46	0.5	Pass
NVNT	ac40	5755	Ant1	33.839	0.5	Pass
NVNT	ac40	5795	Ant1	35.023	0.5	Pass
NVNT	ac80	5775	Ant1	74.996	0.5	Pass



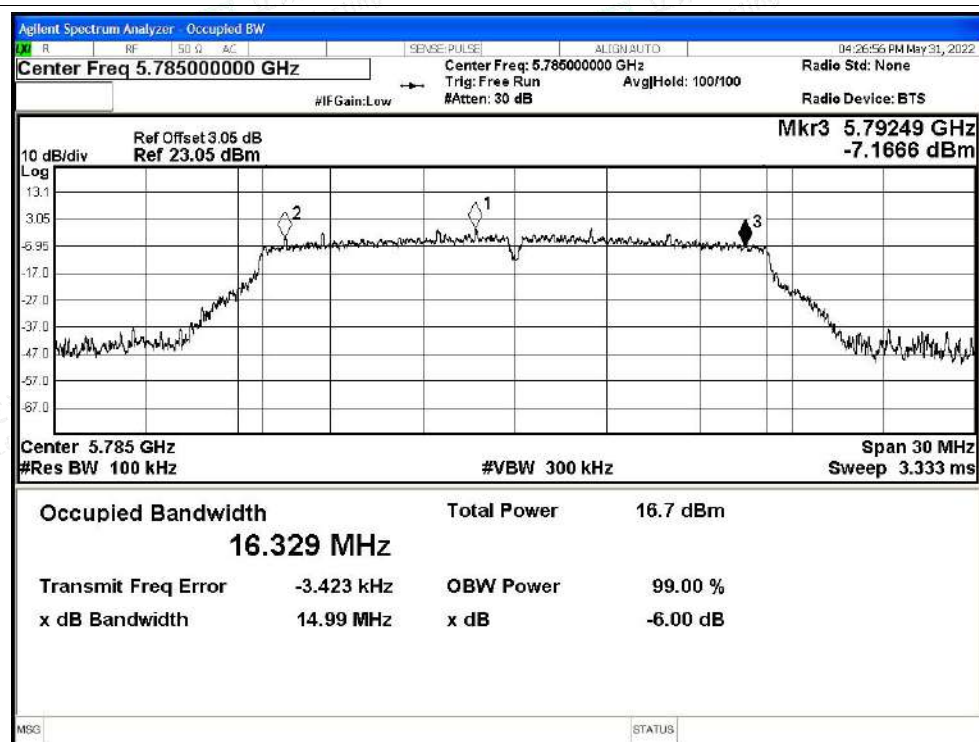


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

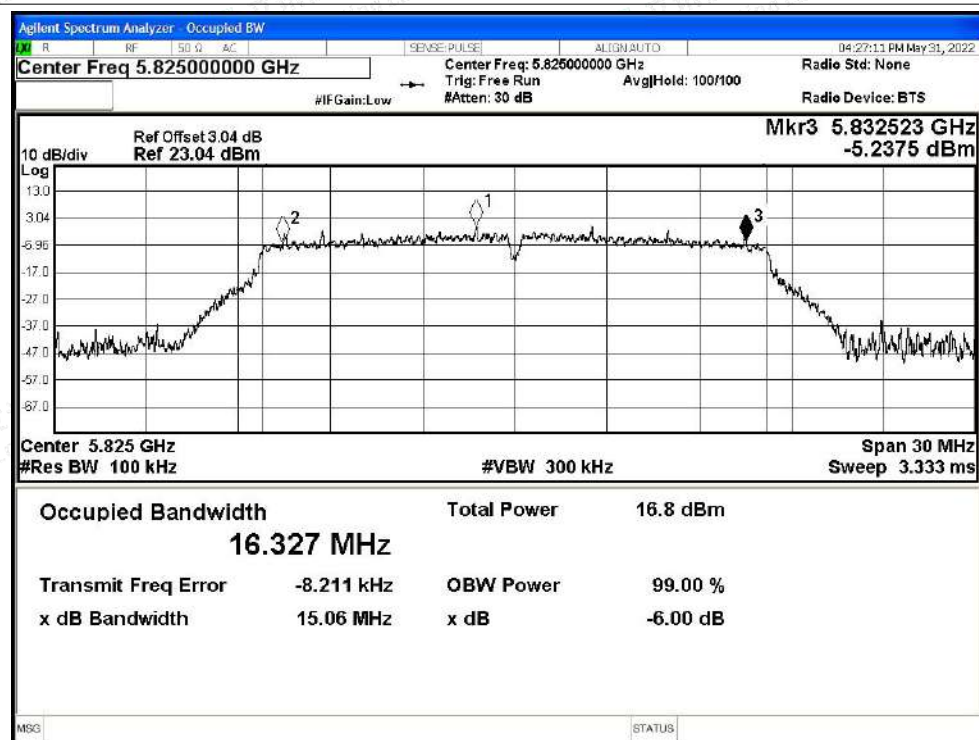


-6dB Bandwidth NVNT a 5785MHz Ant1

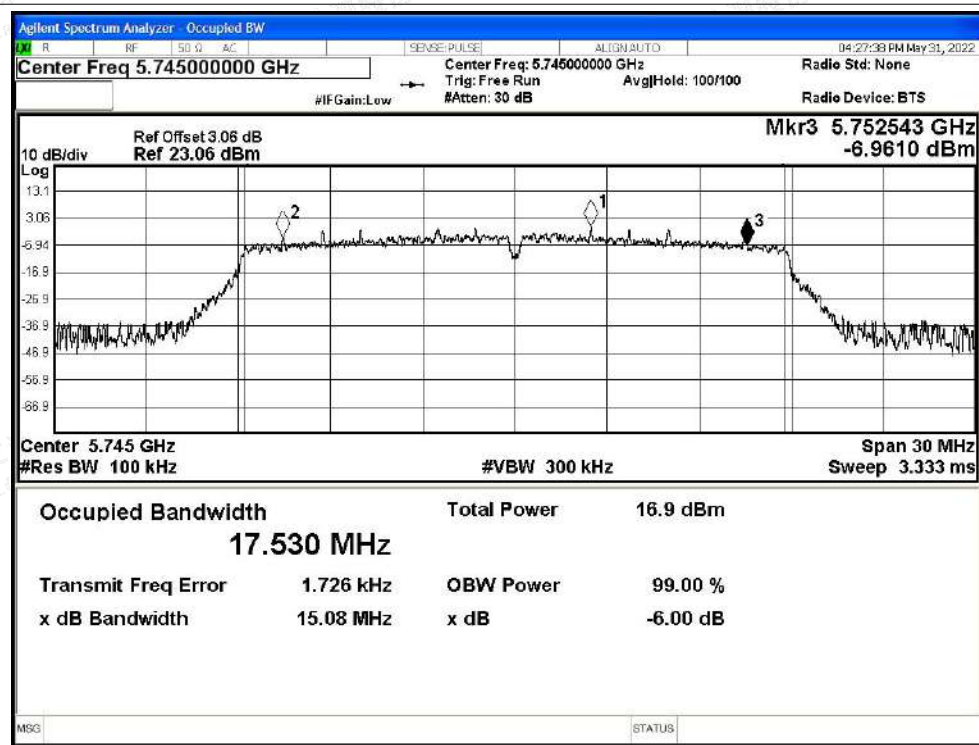




-6dB Bandwidth NVNT a 5825MHz Ant1

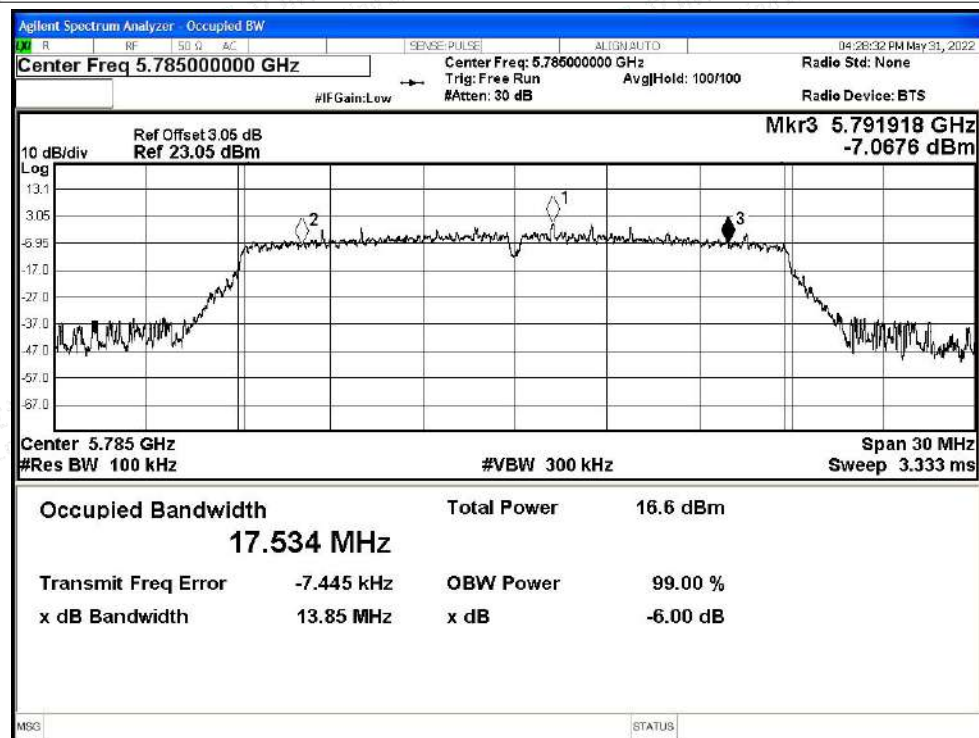


-6dB Bandwidth NVNT n20 5745MHz Ant1

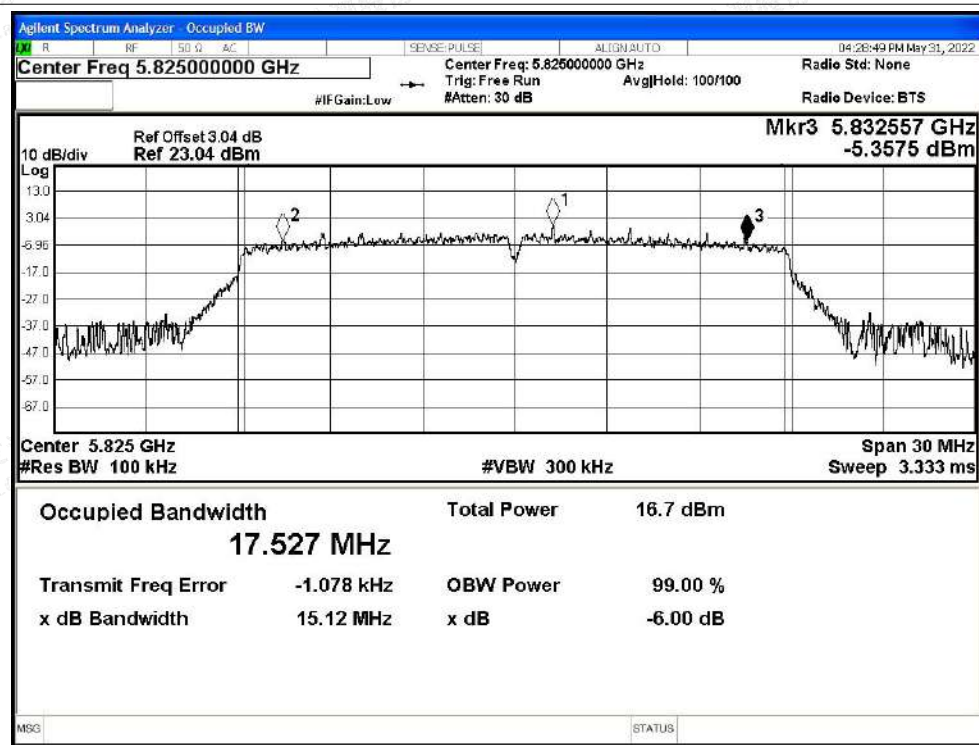




-6dB Bandwidth NVNT n20 5785MHz Ant1

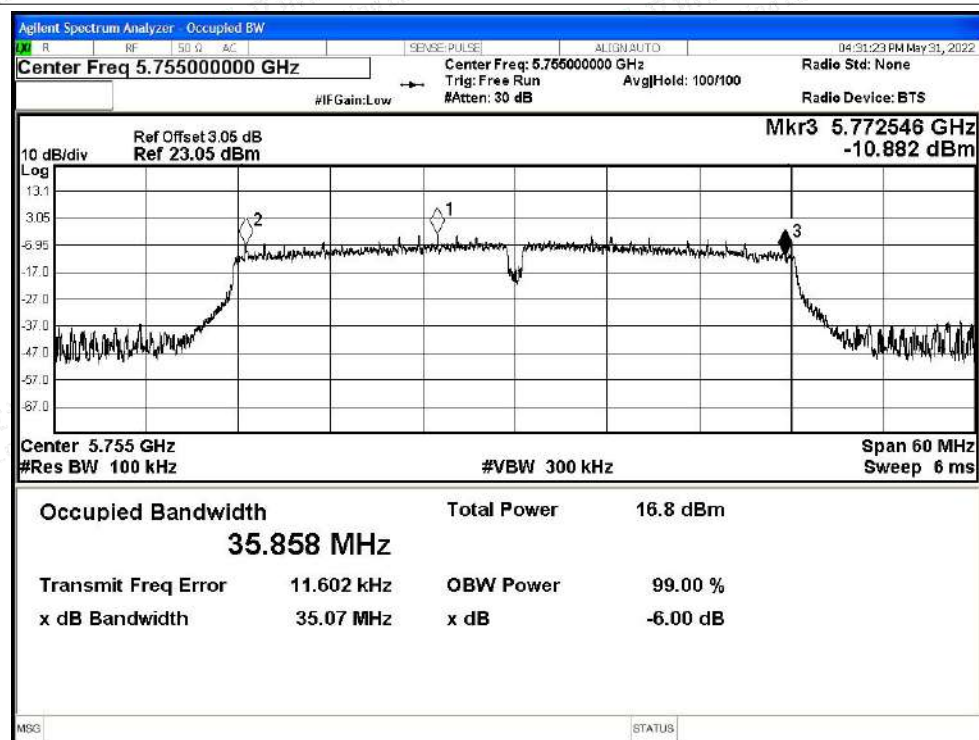


-6dB Bandwidth NVNT n20 5825MHz Ant1

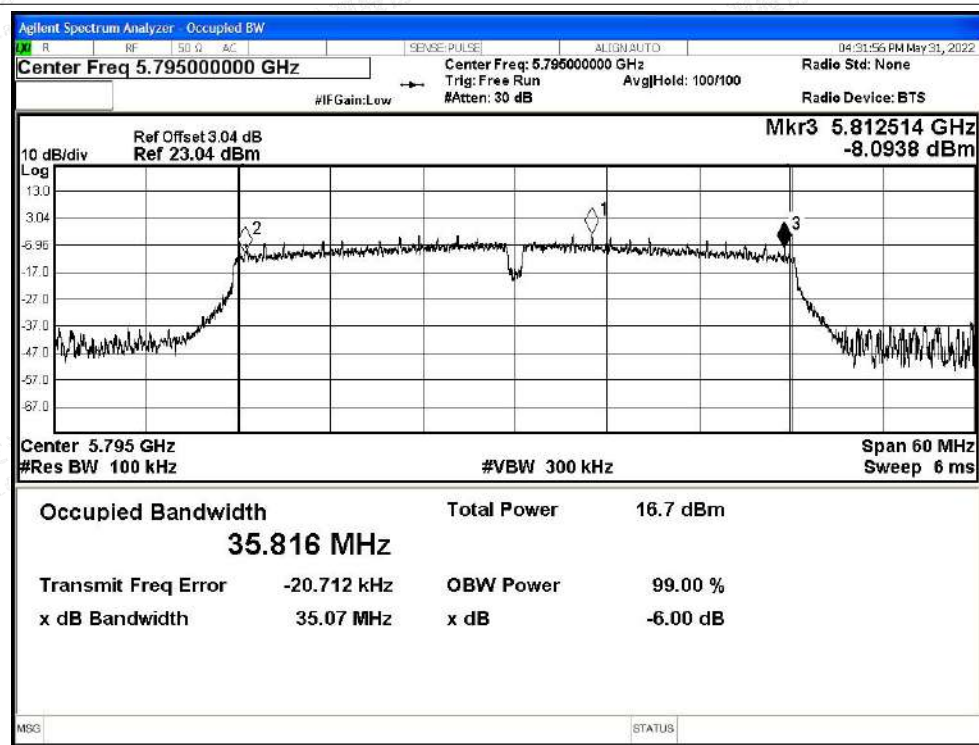




-6dB Bandwidth NVNT n40 5755MHz Ant1



-6dB Bandwidth NVNT n40 5795MHz Ant1

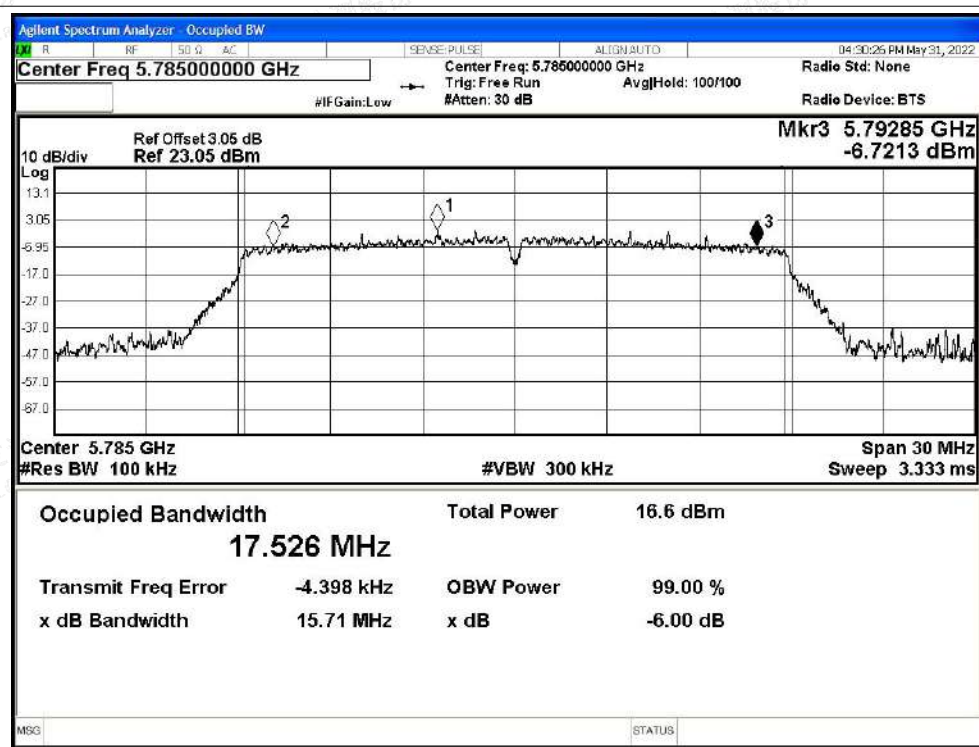




-6dB Bandwidth NVNT ac20 5745MHz Ant1

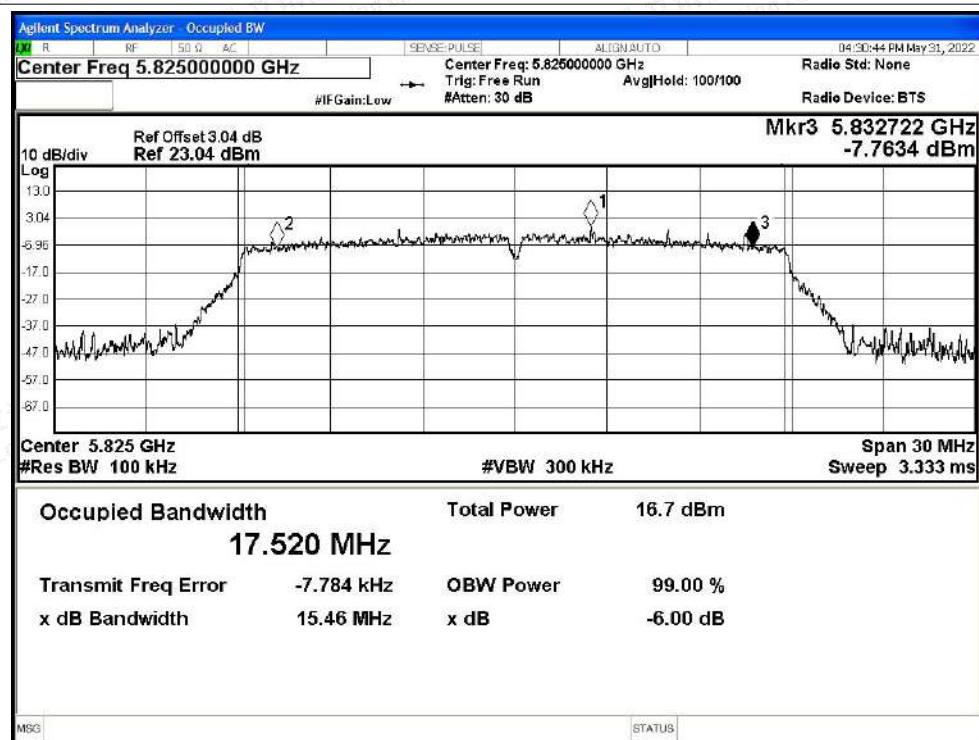


-6dB Bandwidth NVNT ac20 5785MHz Ant1

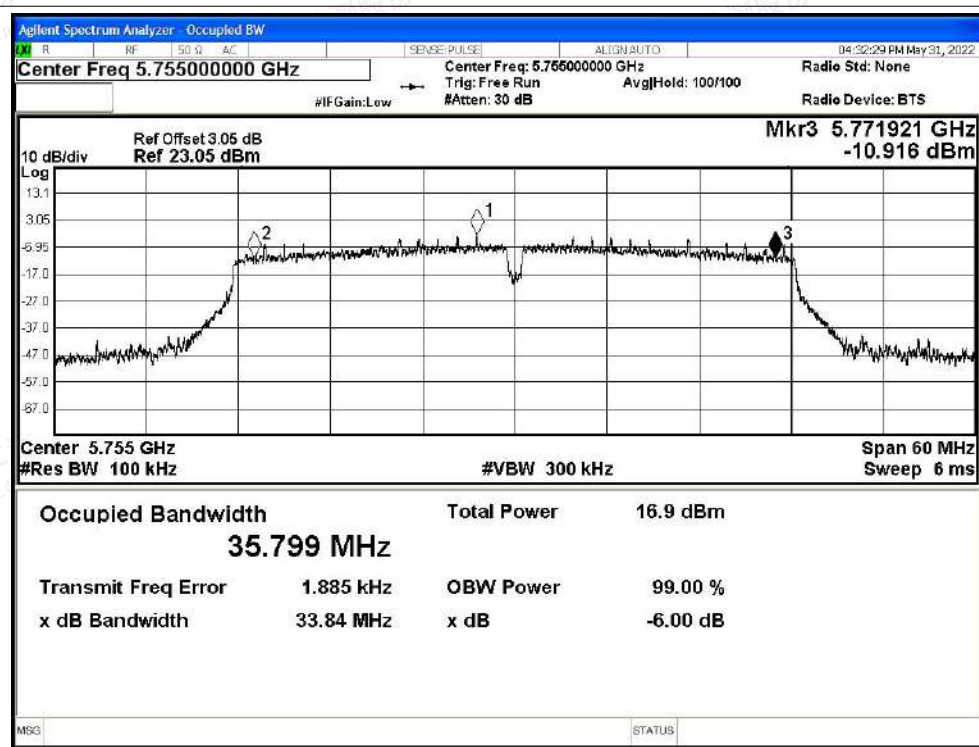




-6dB Bandwidth NVNT ac20 5825MHz Ant1

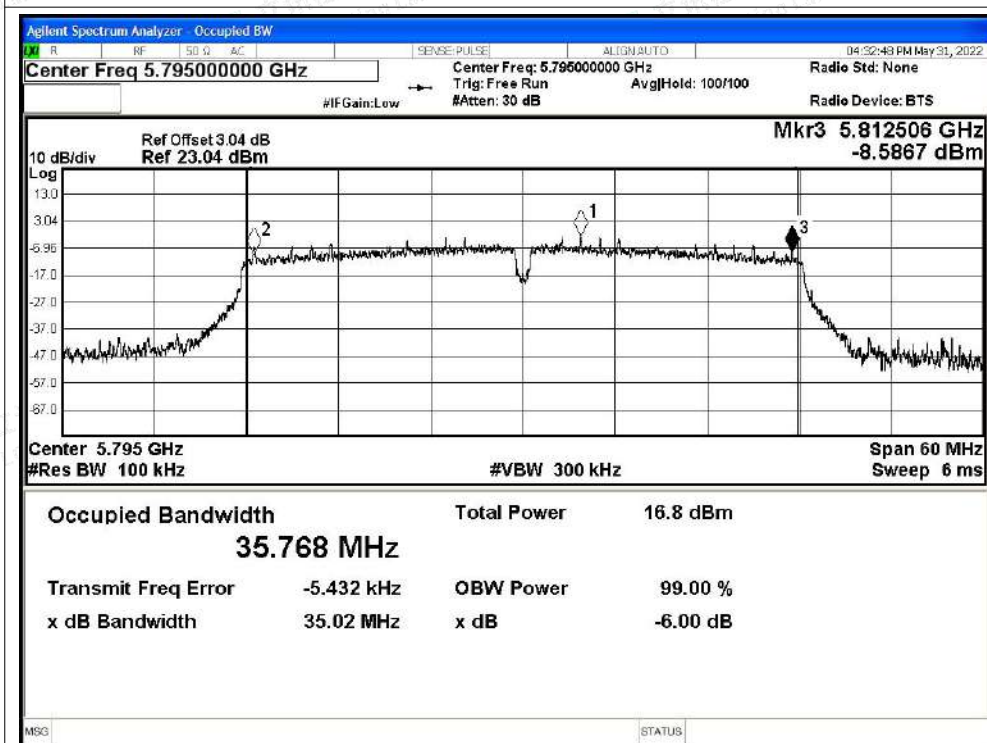


-6dB Bandwidth NVNT ac40 5755MHz Ant1

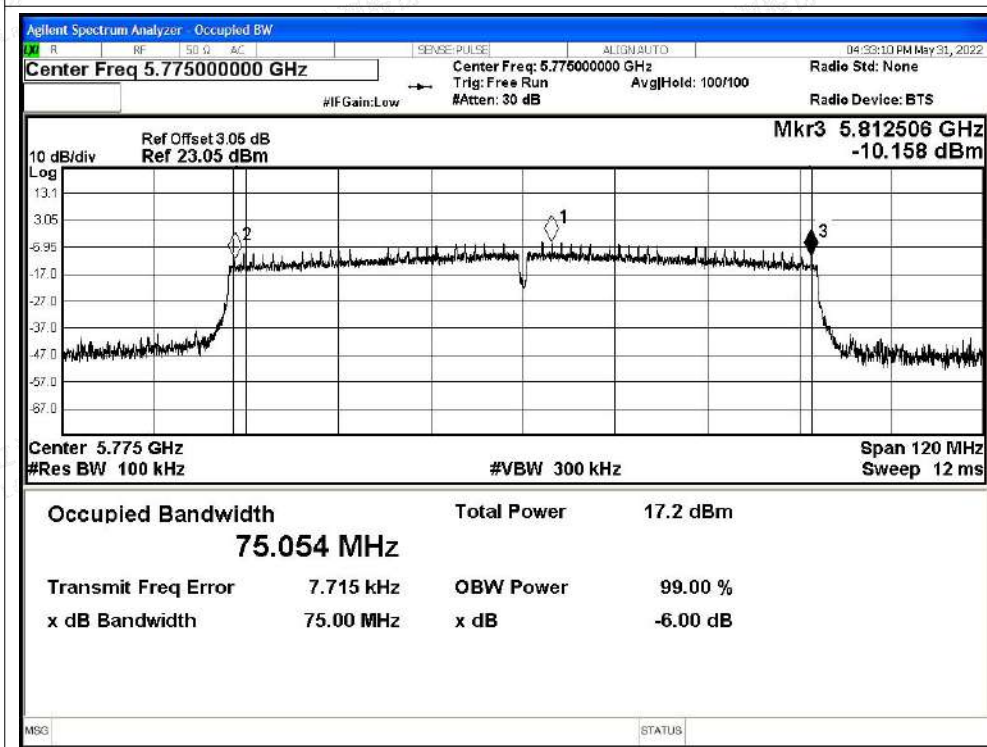




-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1





E.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	10.5	0	10.5	30	Pass
NVNT	a	5785	Ant0	10.79	0.11	10.9	30	Pass
NVNT	a	5825	Ant0	10.41	0.11	10.52	30	Pass
NVNT	n20	5745	Ant0	10.81	0.12	10.93	30	Pass
NVNT	n20	5785	Ant0	10.46	0.12	10.58	30	Pass
NVNT	n20	5825	Ant0	10.27	0.12	10.39	30	Pass
NVNT	n40	5755	Ant0	10.52	0.23	10.75	30	Pass
NVNT	n40	5795	Ant0	9.69	0.23	9.92	30	Pass
NVNT	ac20	5745	Ant0	10.59	0.11	10.7	30	Pass
NVNT	ac20	5785	Ant0	10.42	0.11	10.53	30	Pass
NVNT	ac20	5825	Ant0	10.24	0.12	10.36	30	Pass
NVNT	ac40	5755	Ant0	10.07	0.22	10.29	30	Pass
NVNT	ac40	5795	Ant0	10.27	0.23	10.5	30	Pass
NVNT	ac80	5775	Ant0	9.56	0.43	9.99	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.76	0.11	10.87	30	Pass
NVNT	a	5785	Ant1	10.38	0.11	10.49	30	Pass
NVNT	a	5825	Ant1	10.31	0.11	10.42	30	Pass
NVNT	n20	5745	Ant1	10.52	0.12	10.64	30	Pass
NVNT	n20	5785	Ant1	10.35	0.12	10.47	30	Pass
NVNT	n20	5825	Ant1	10.17	0.12	10.29	30	Pass
NVNT	n40	5755	Ant1	10.07	0.22	10.29	30	Pass
NVNT	n40	5795	Ant1	9.66	0.22	9.88	30	Pass
NVNT	ac20	5745	Ant1	10.59	0.12	10.71	30	Pass
NVNT	ac20	5785	Ant1	10	0.12	10.12	30	Pass
NVNT	ac20	5825	Ant1	10.15	0.12	10.27	30	Pass
NVNT	ac40	5755	Ant1	10.29	0.23	10.52	30	Pass
NVNT	ac40	5795	Ant1	9.57	0.22	9.79	30	Pass
NVNT	ac80	5775	Ant1	9.37	0.43	9.8	30	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5745	10.93	10.64	13.80	30	Pass
NVNT	n20	5785	10.58	10.47	13.54	30	Pass
NVNT	n20	5825	10.39	10.29	13.35	30	Pass
NVNT	n40	5755	10.75	10.29	13.54	30	Pass
NVNT	n40	5795	9.92	9.88	12.91	30	Pass
NVNT	ac20	5745	10.7	10.71	13.72	30	Pass
NVNT	ac20	5785	10.53	10.12	13.34	30	Pass
NVNT	ac20	5825	10.36	10.27	13.33	30	Pass
NVNT	ac40	5755	10.29	10.52	13.42	30	Pass
NVNT	ac40	5795	10.5	9.79	13.17	30	Pass
NVNT	ac80	5775	9.99	9.8	12.91	30	Pass



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E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant0	-4.22	0.11	-4.11	30	Pass
NVNT	a	5785	Ant0	-3.28	0.11	-3.17	30	Pass
NVNT	a	5825	Ant0	-4.61	0.11	-4.5	30	Pass
NVNT	n20	5745	Ant0	-4.09	0.12	-3.97	30	Pass
NVNT	n20	5785	Ant0	-4.78	0.12	-4.66	30	Pass
NVNT	n20	5825	Ant0	-4.94	0.12	-4.82	30	Pass
NVNT	n40	5755	Ant0	-8.12	0.23	-7.89	30	Pass
NVNT	n40	5795	Ant0	-9.79	0.23	-9.56	30	Pass
NVNT	ac20	5745	Ant0	-4.4	0.11	-4.29	30	Pass
NVNT	ac20	5785	Ant0	-3.91	0.11	-3.8	30	Pass
NVNT	ac20	5825	Ant0	-3.9	0.12	-3.78	30	Pass
NVNT	ac40	5755	Ant0	-7.55	0.22	-7.33	30	Pass
NVNT	ac40	5795	Ant0	-8.12	0.23	-7.89	30	Pass
NVNT	ac80	5775	Ant0	-13.13	0.43	-12.7	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant1	-3.92	0.11	-3.81	30	Pass
NVNT	a	5785	Ant1	-4.39	0.11	-4.28	30	Pass
NVNT	a	5825	Ant1	-4.44	0.11	-4.33	30	Pass
NVNT	n20	5745	Ant1	-5.07	0.12	-4.95	30	Pass
NVNT	n20	5785	Ant1	-4.44	0.12	-4.32	30	Pass
NVNT	n20	5825	Ant1	-4.87	0.12	-4.75	30	Pass
NVNT	n40	5755	Ant1	-7.85	0.22	-7.63	30	Pass
NVNT	n40	5795	Ant1	-8.35	0.22	-8.13	30	Pass
NVNT	ac20	5745	Ant1	-3.86	0.12	-3.74	30	Pass
NVNT	ac20	5785	Ant1	-5.31	0.12	-5.19	30	Pass
NVNT	ac20	5825	Ant1	-4.81	0.12	-4.69	30	Pass
NVNT	ac40	5755	Ant1	-8.7	0.23	-8.47	30	Pass
NVNT	ac40	5795	Ant1	-8.8	0.22	-8.58	30	Pass
NVNT	ac80	5775	Ant1	-12.52	0.43	-12.09	30	Pass





MIMO

Test Mode	Channel	Frequency (MHz)	Ant 0 Power Density (dBm/500KHz)	Ant 1 Power Density (dBm/500KHz)	MIMO Power Density (dBm/500KHz)	Report Power Density (dBm/500KHz)	Verdict
n20	149	5745	-3.97	-4.95	-1.42	≤30	Pass
	157	5785	-4.66	-4.32	-1.48		Pass
	165	5825	-4.82	-4.75	-1.77		Pass
n40	151	5755	-7.89	-7.63	-4.75	≤30	Pass
	159	5795	-9.56	-8.13	-5.78		Pass
ac20	149	5745	-4.29	-3.74	-1.00	≤30	Pass
	157	5785	-3.8	-5.19	-1.43		Pass
	165	5825	-3.78	-4.69	-1.20		Pass
ac40	151	5755	-7.33	-8.47	-4.85	≤30	Pass
	159	5795	-7.89	-8.58	-5.21		Pass
ac80	155	5775	-12.7	-12.09	-9.37	≤30	Pass

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725~5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

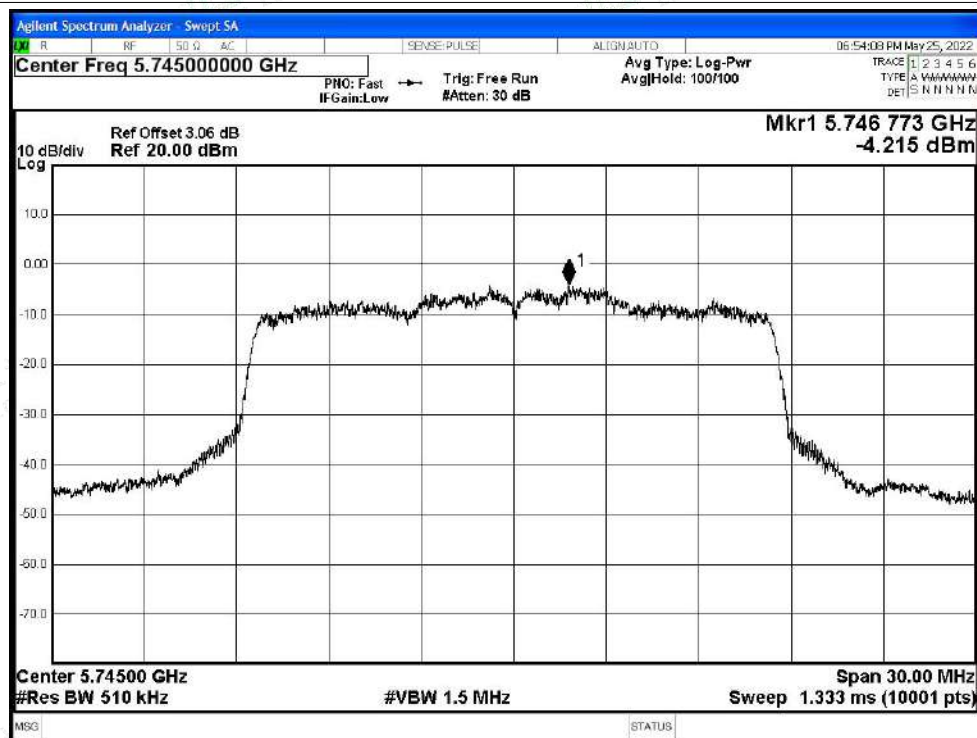


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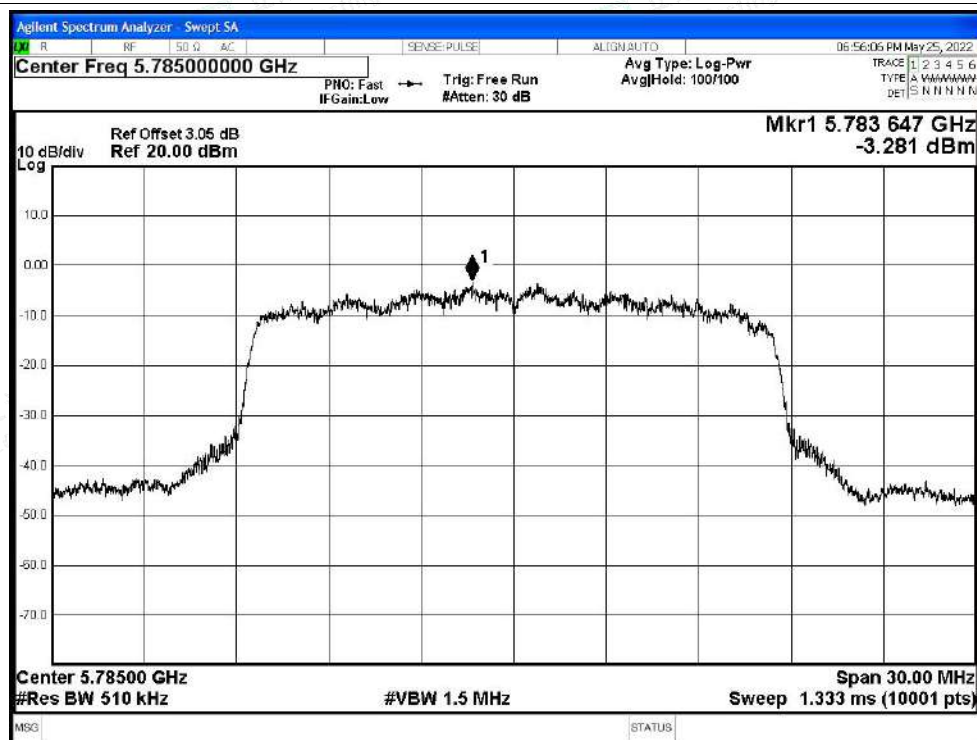


Test Graphs

PSD NVNT a 5745MHz Ant0

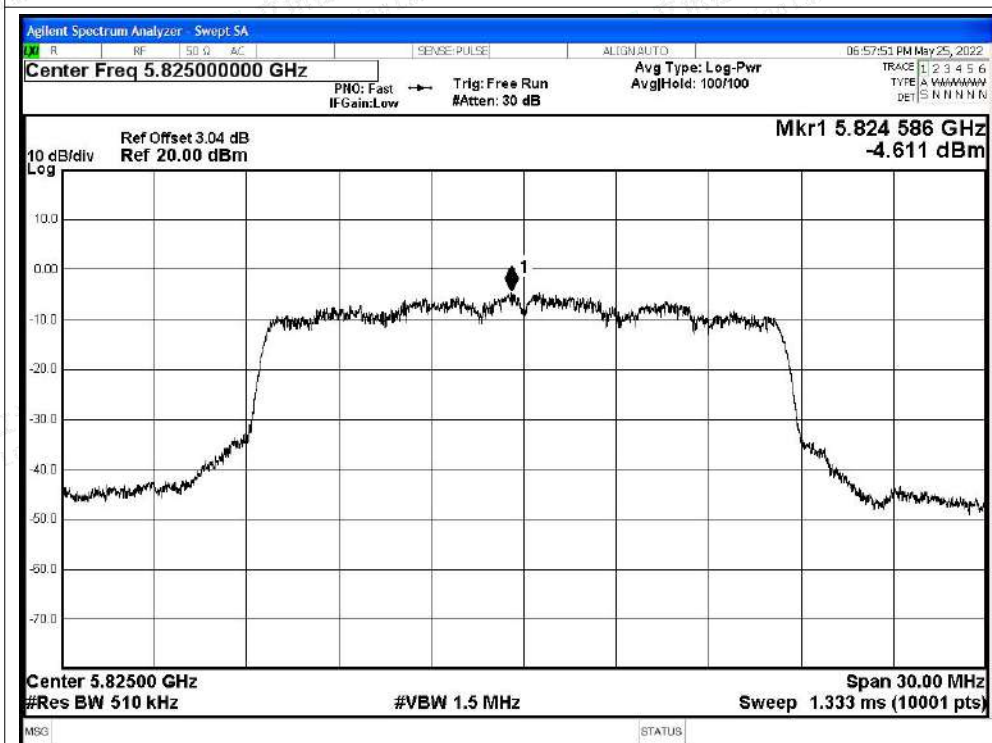


PSD NVNT a 5785MHz Ant0

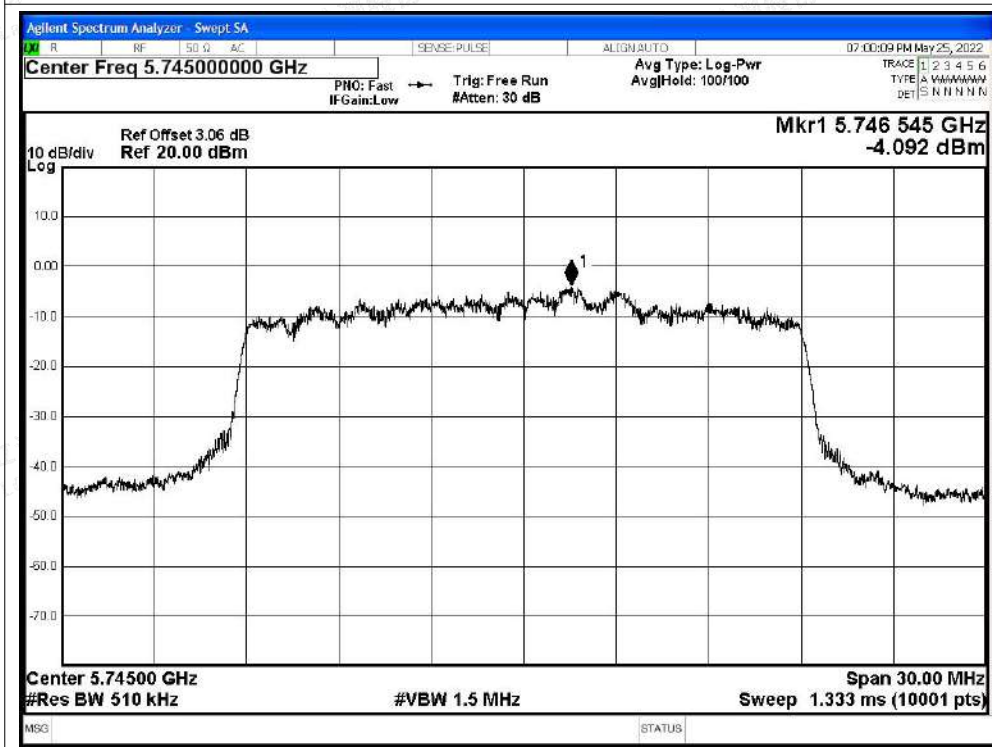


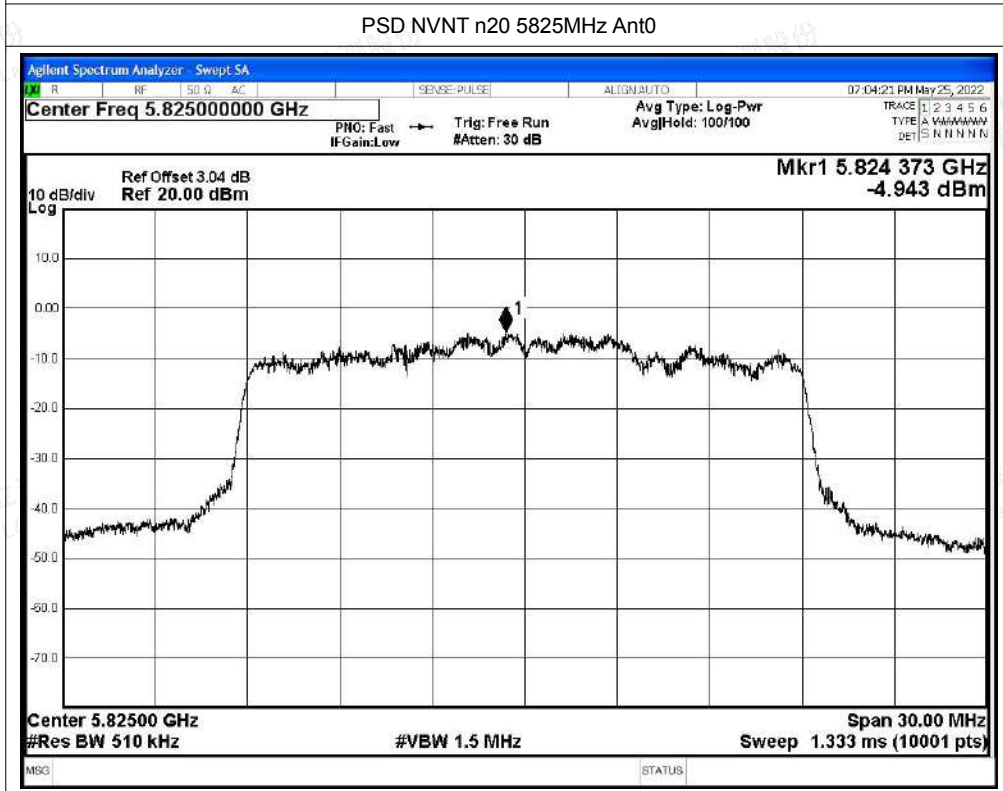
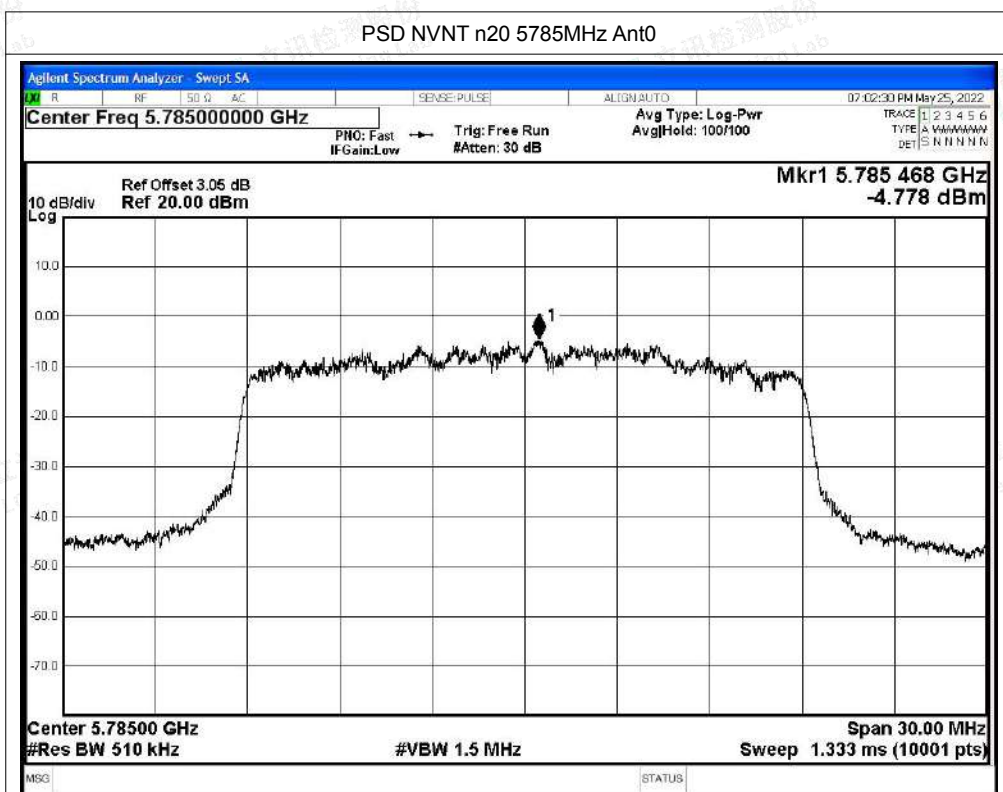


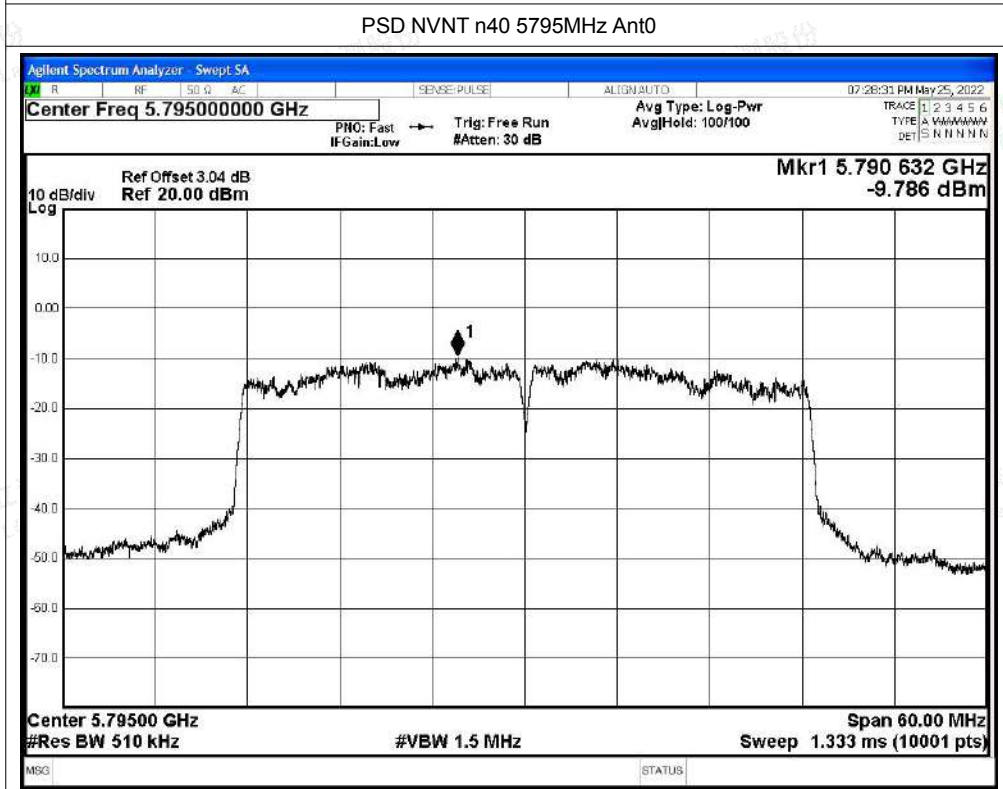
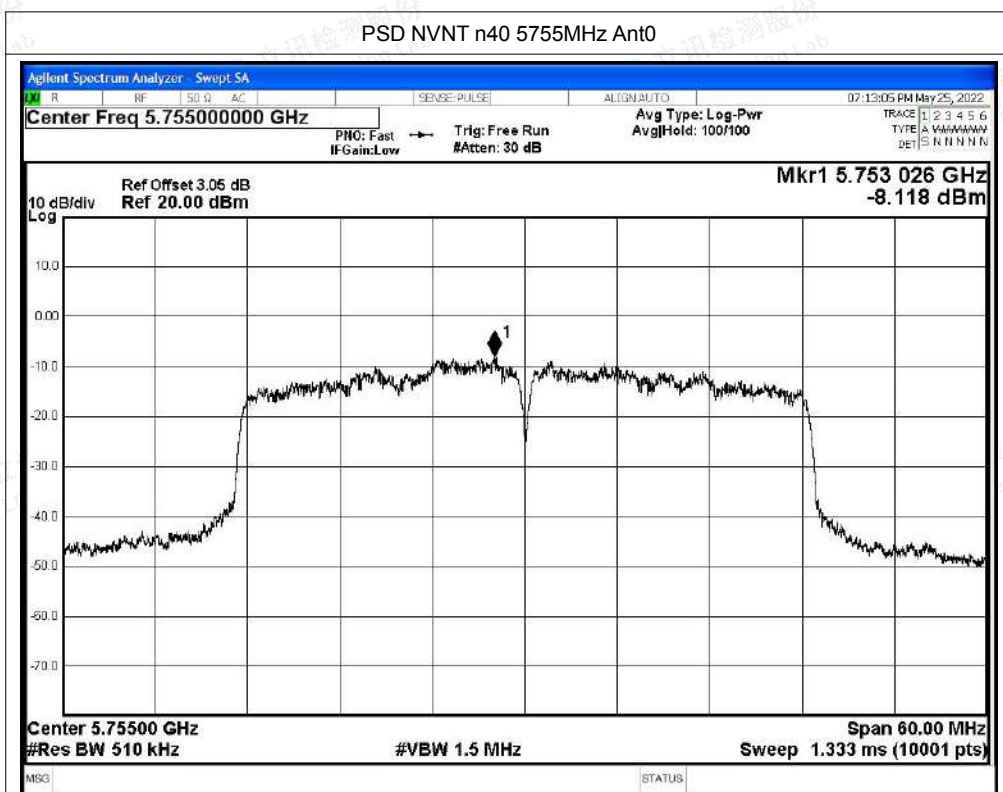
PSD NVNT a 5825MHz Ant0

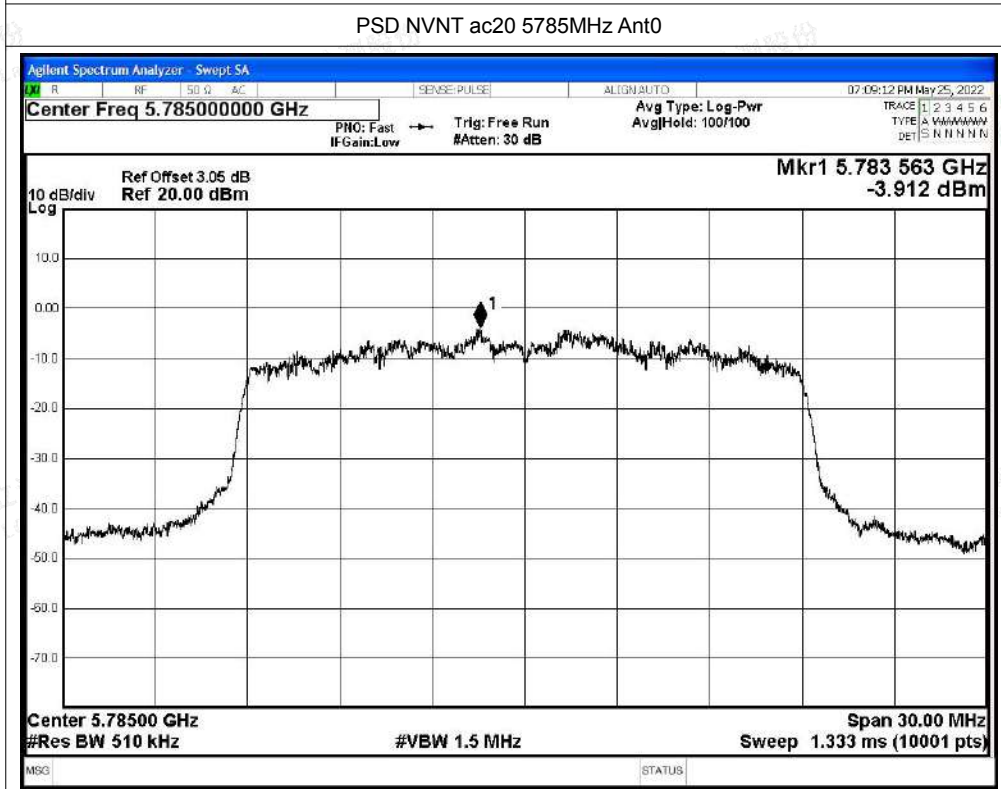
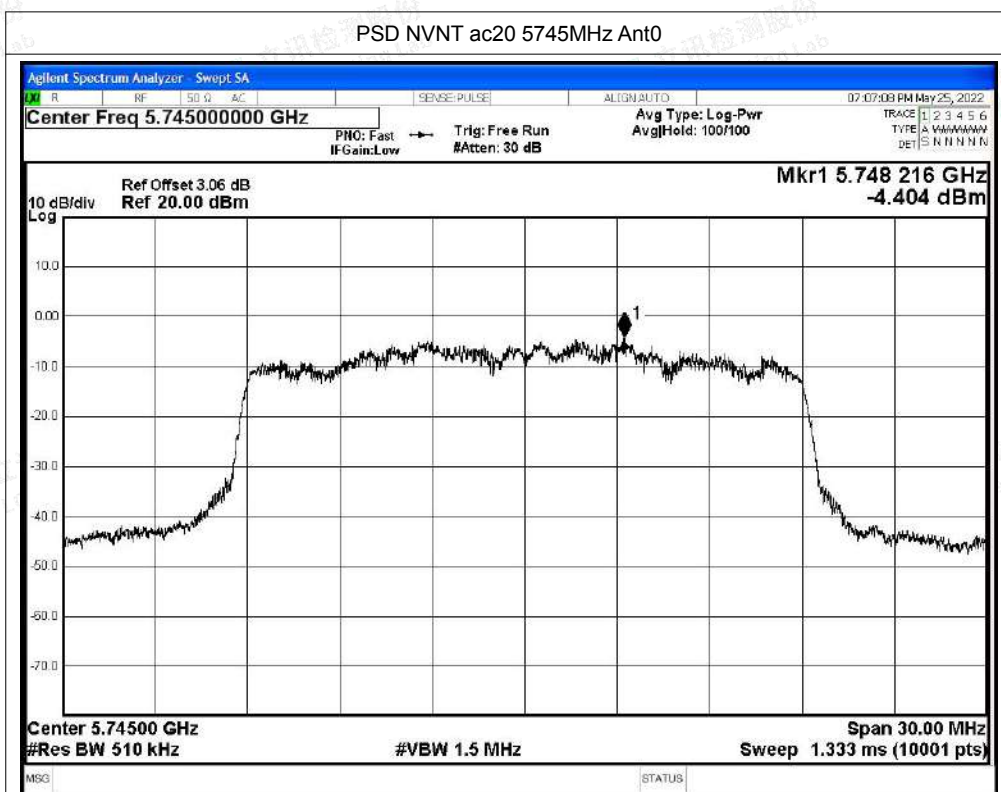


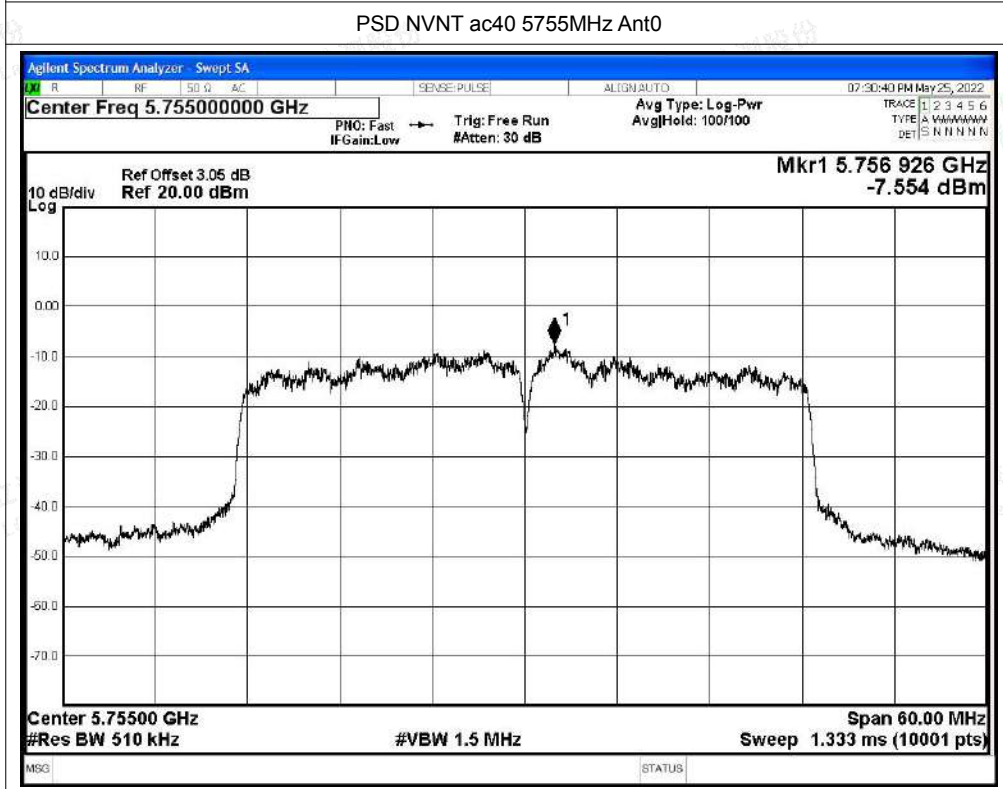
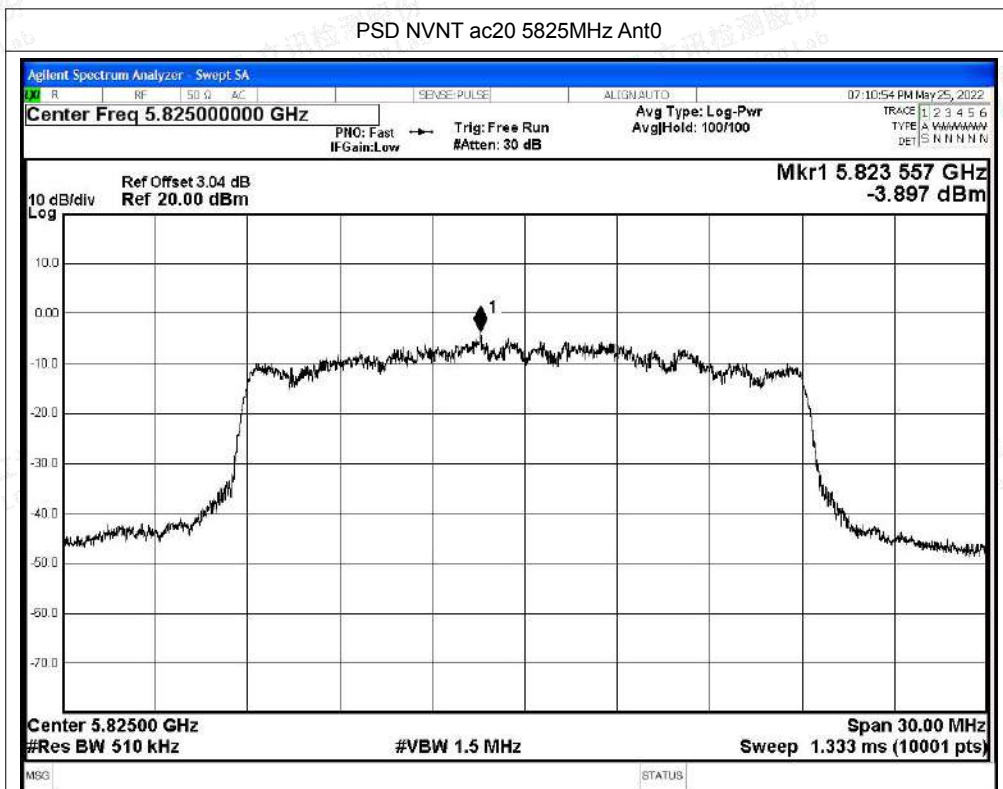
PSD NVNT n20 5745MHz Ant0

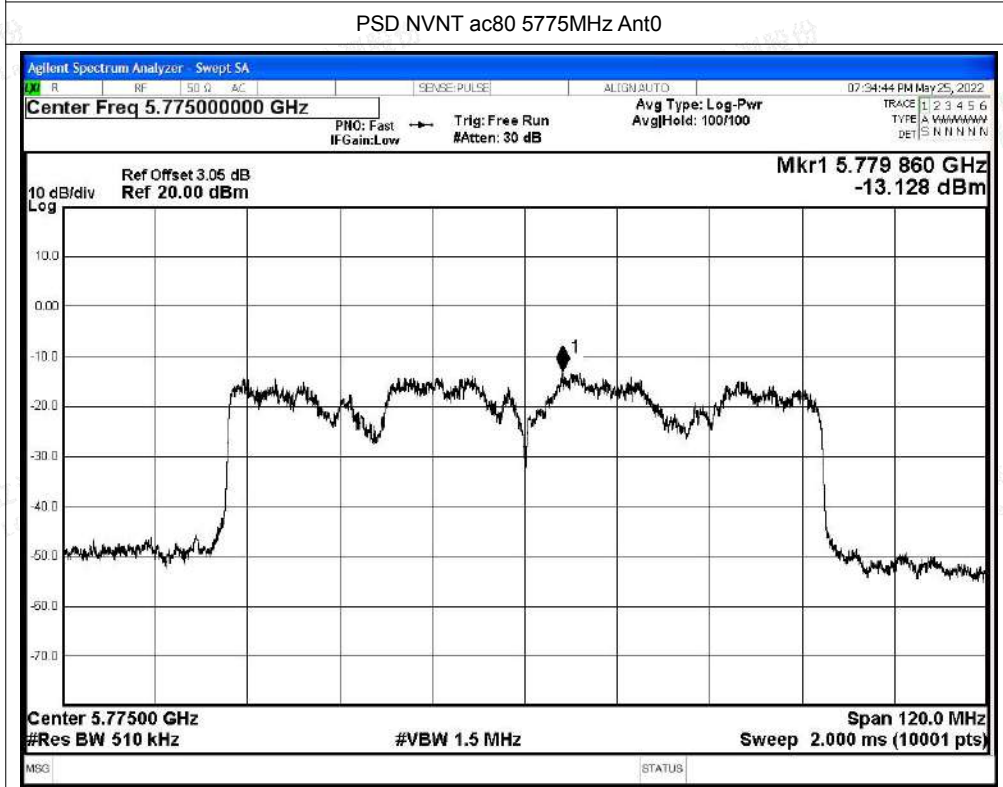
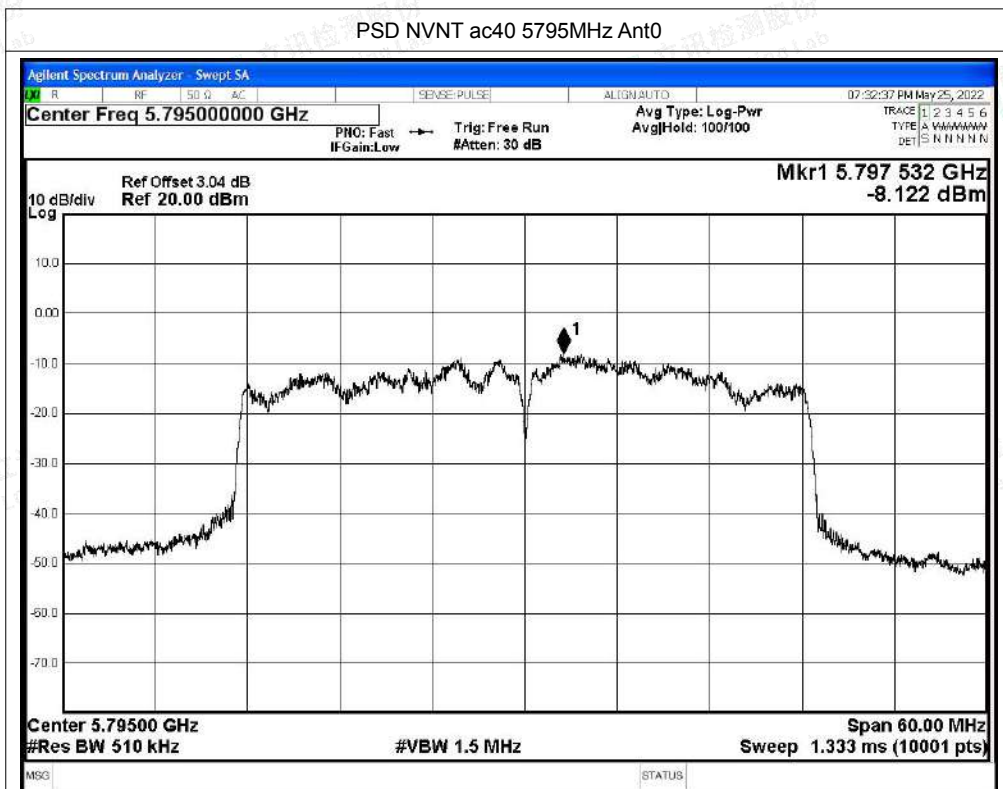








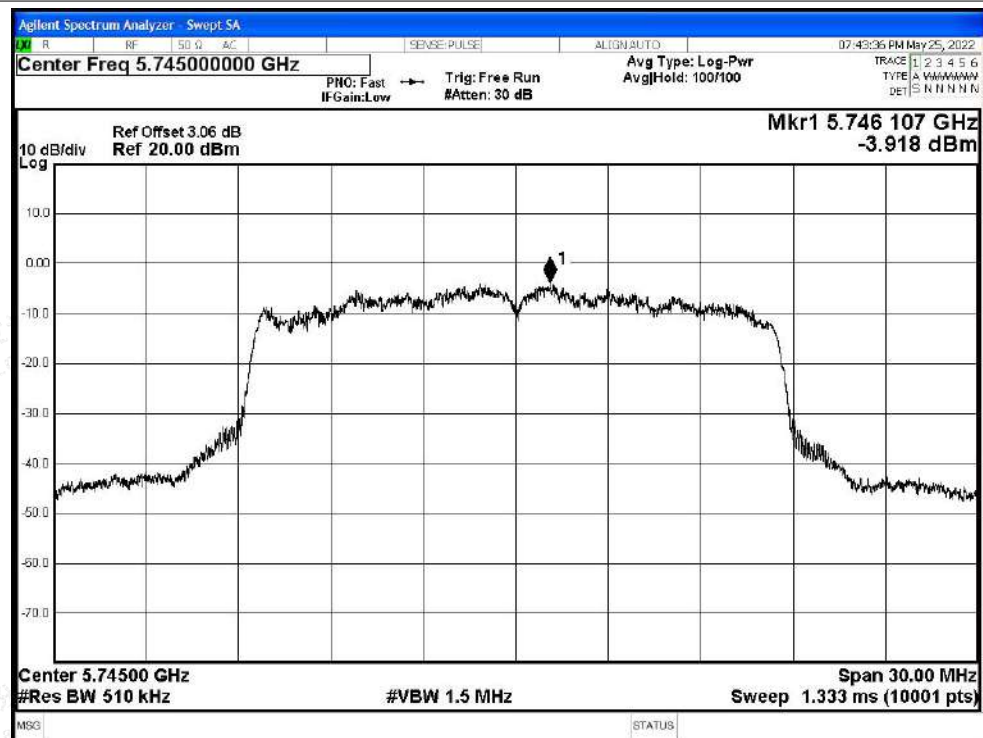




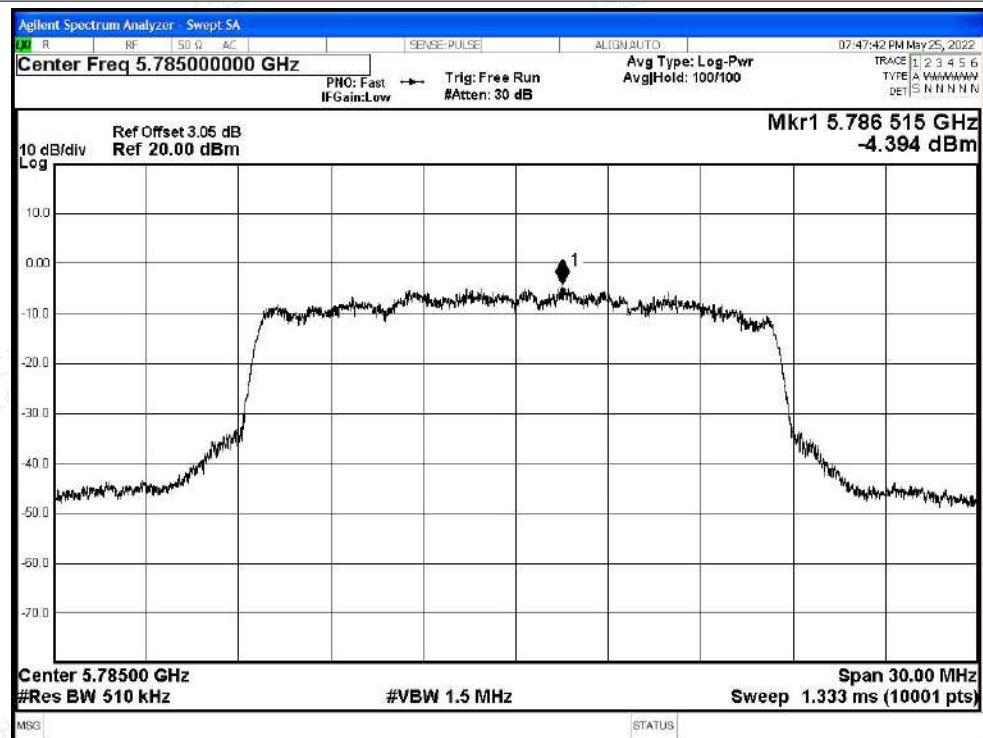


Test Graphs

PSD NVNT a 5745MHz Ant1

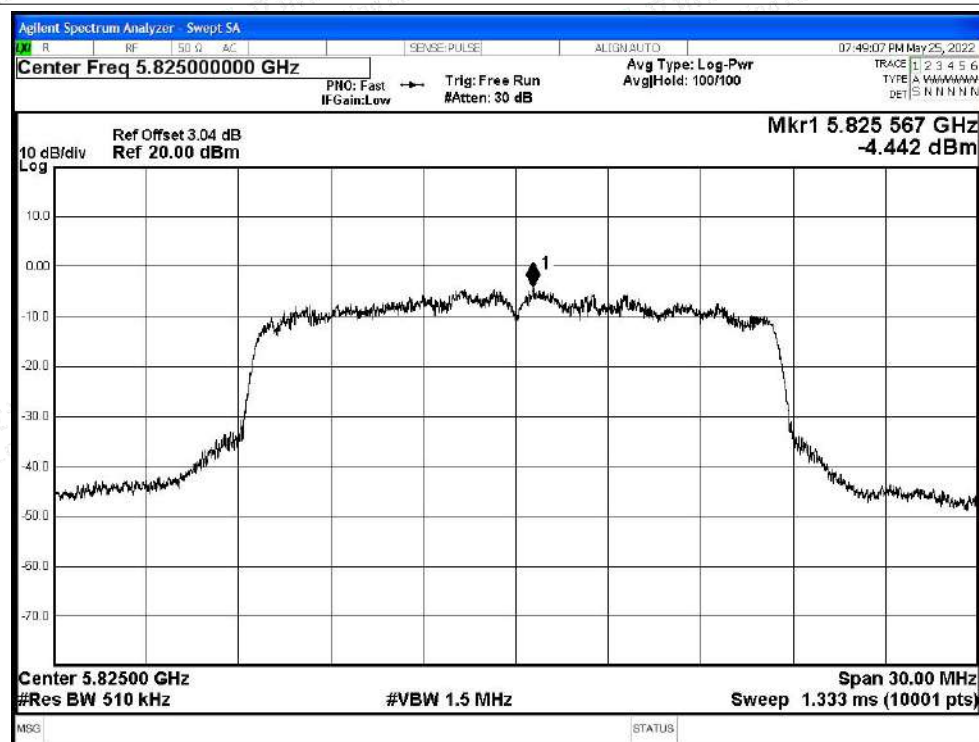


PSD NVNT a 5785MHz Ant1

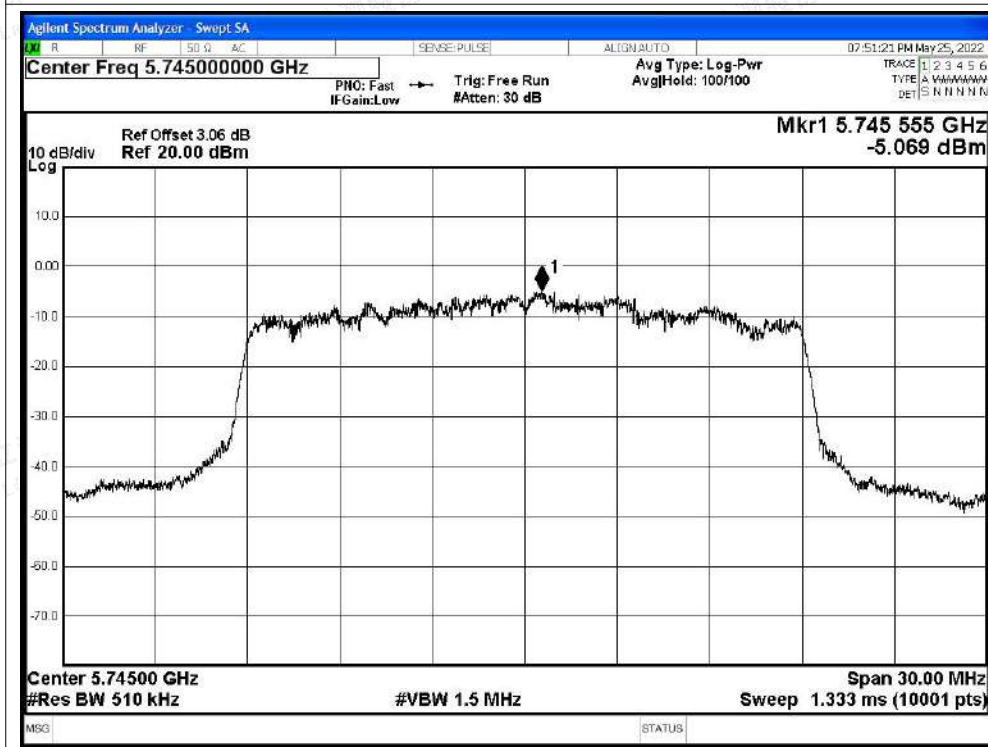


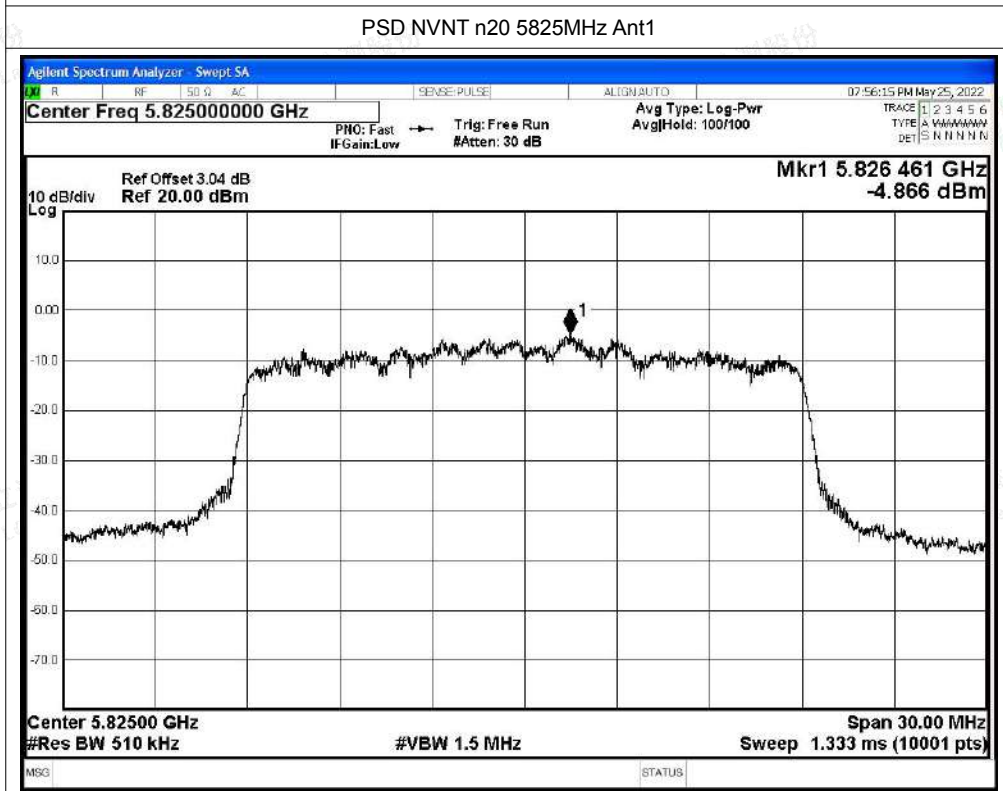
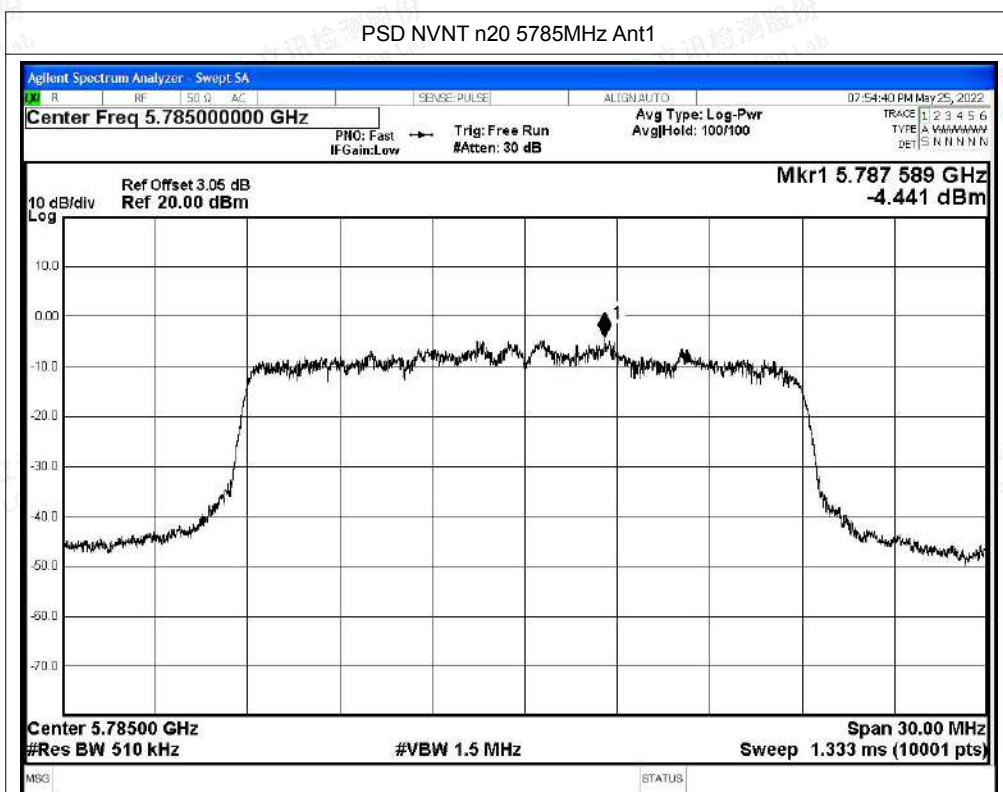


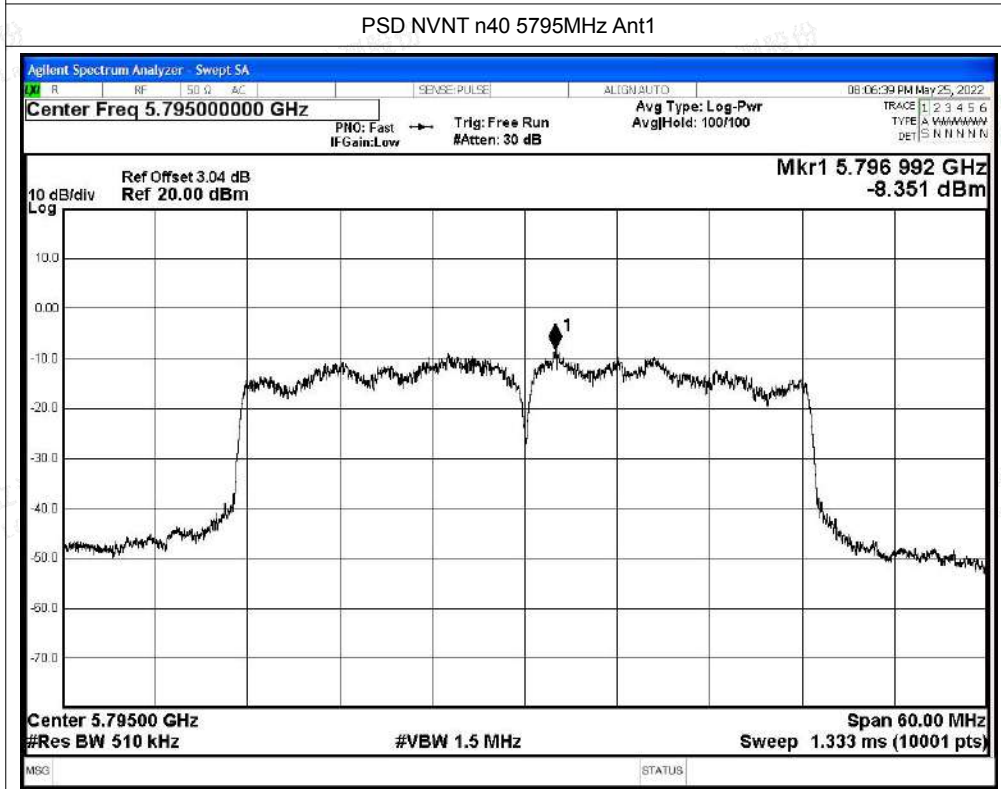
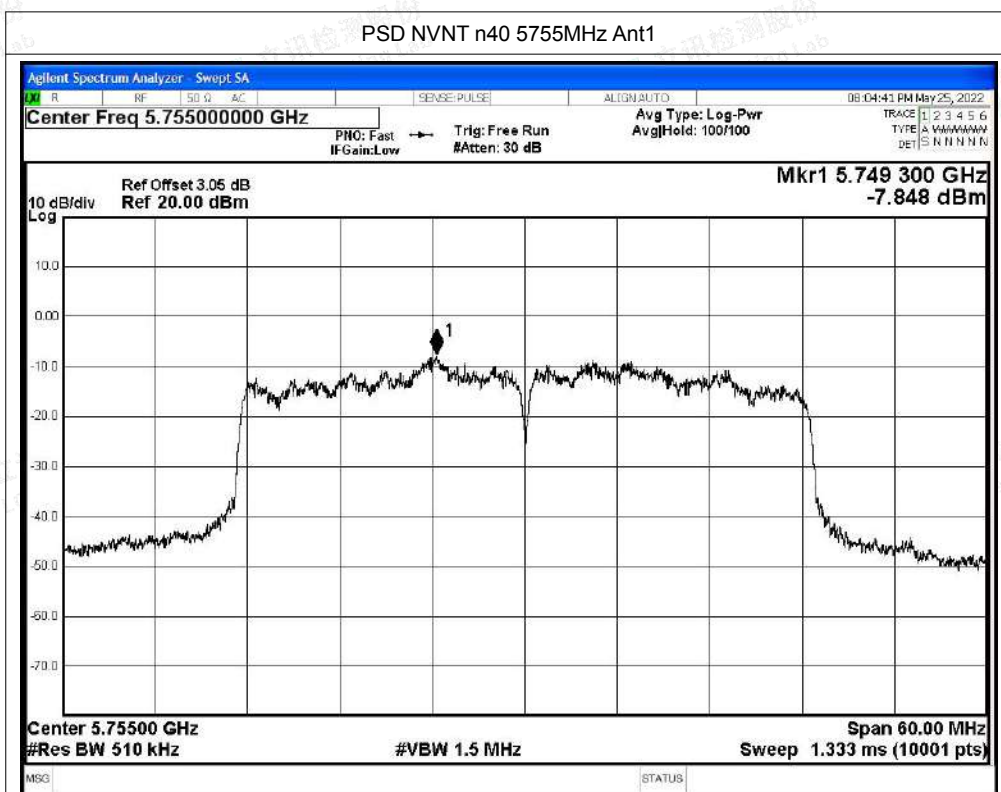
PSD NVNT a 5825MHz Ant1

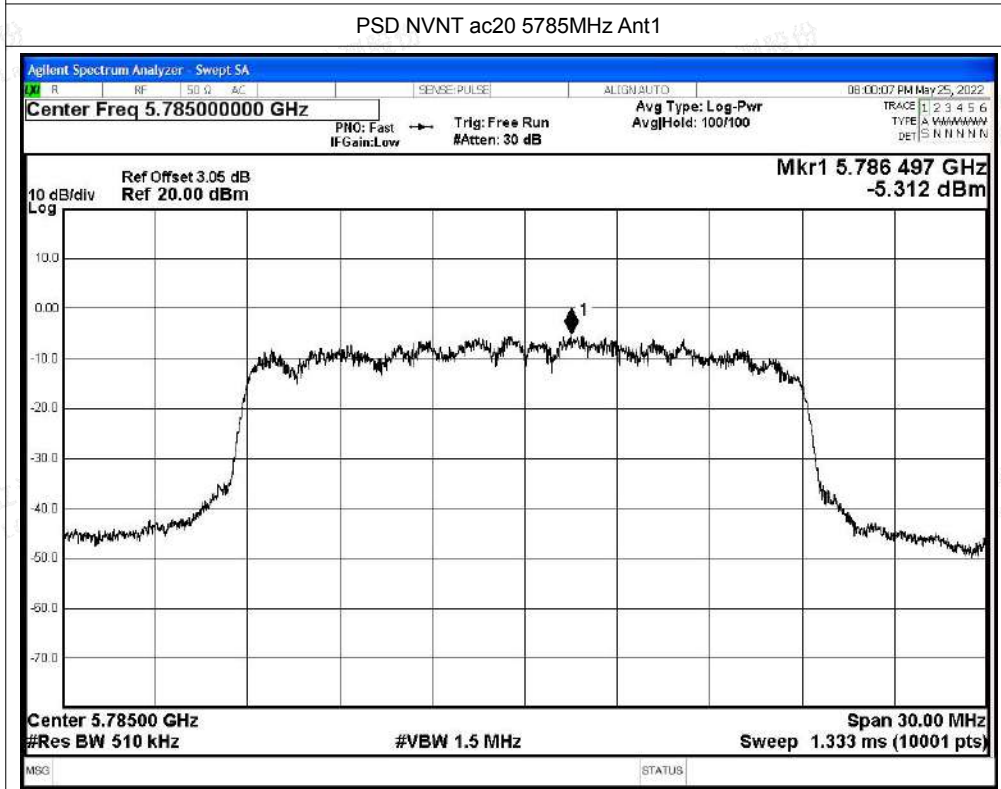
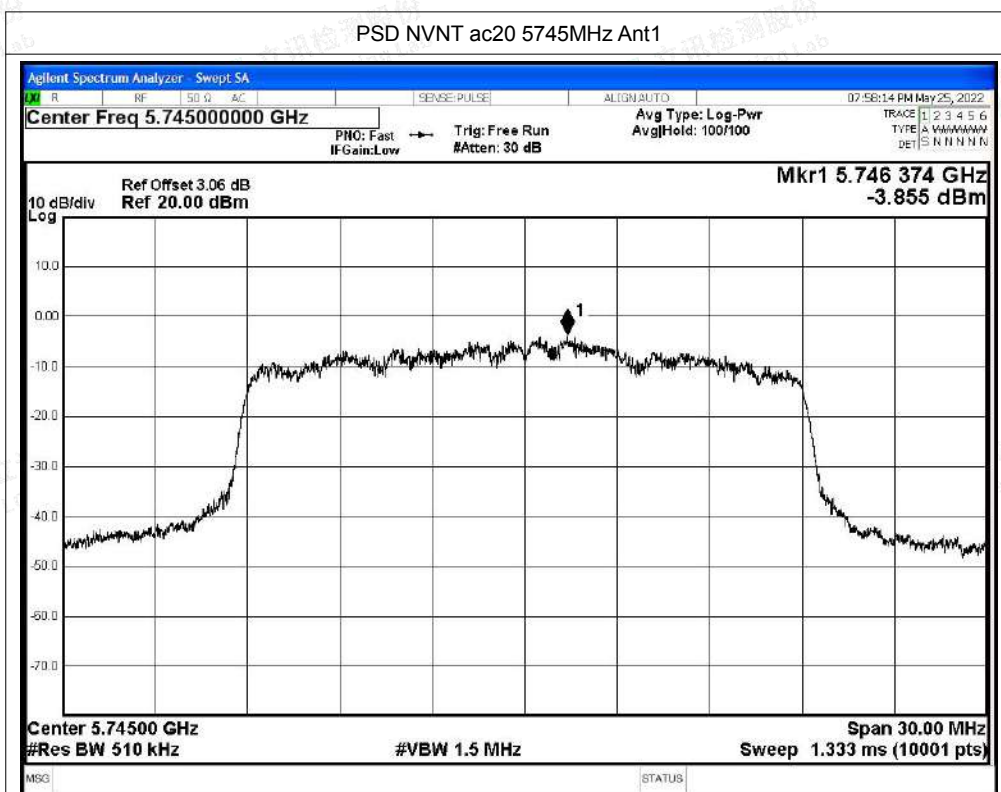


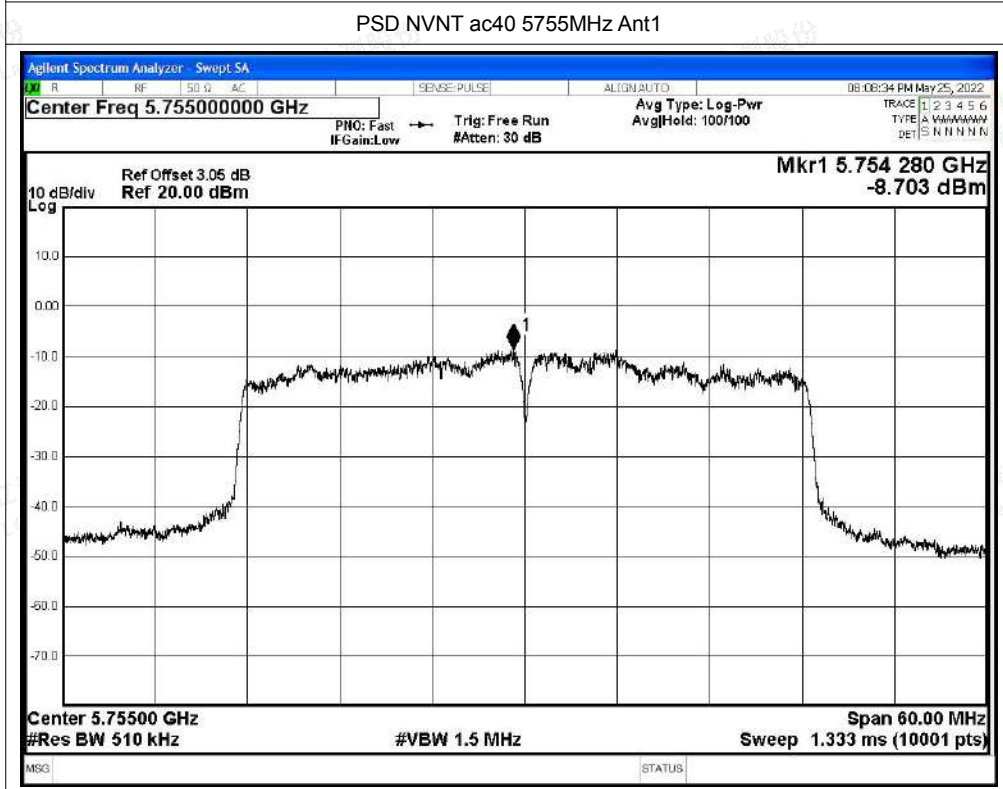
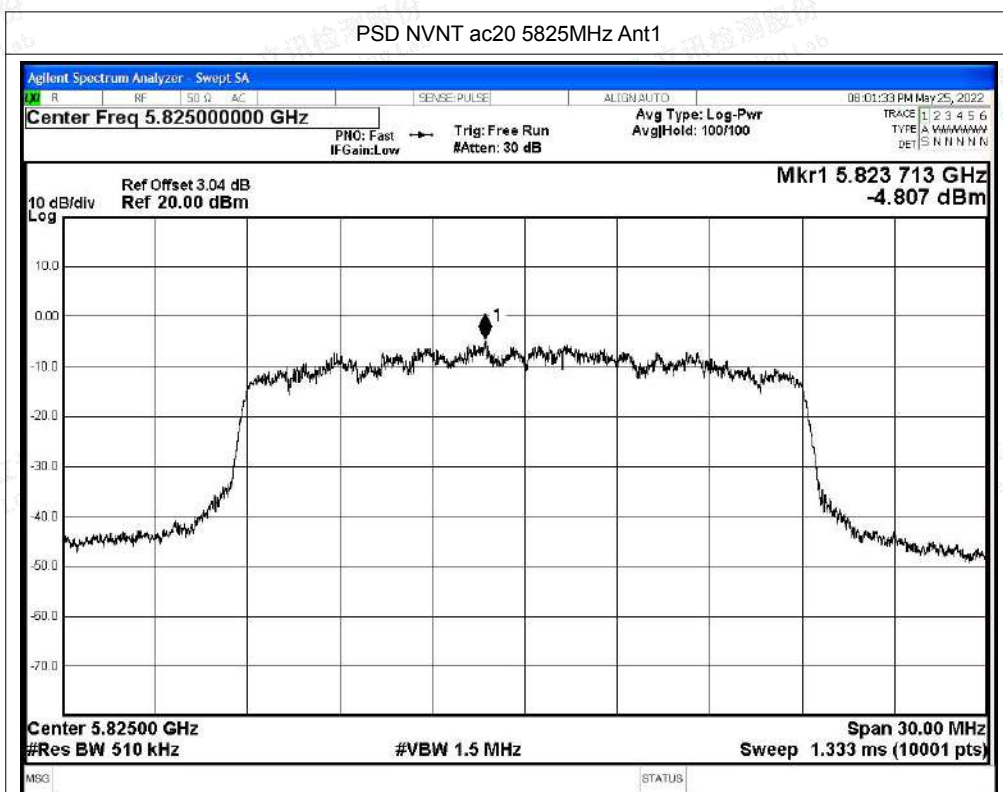
PSD NVNT n20 5745MHz Ant1

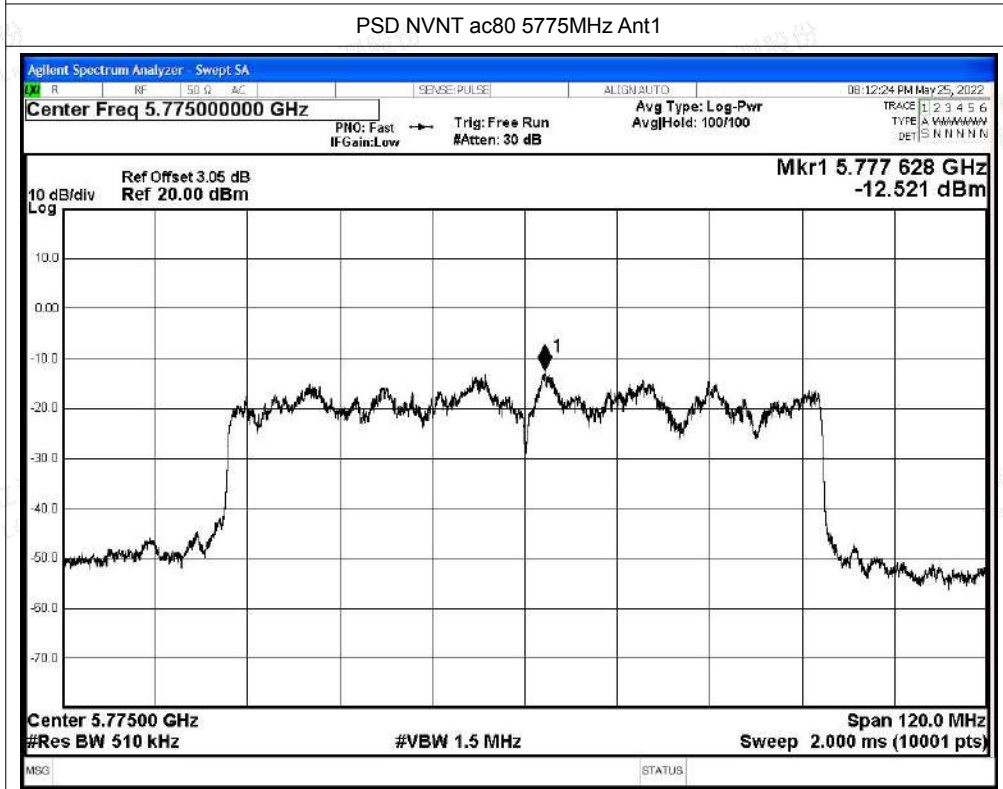
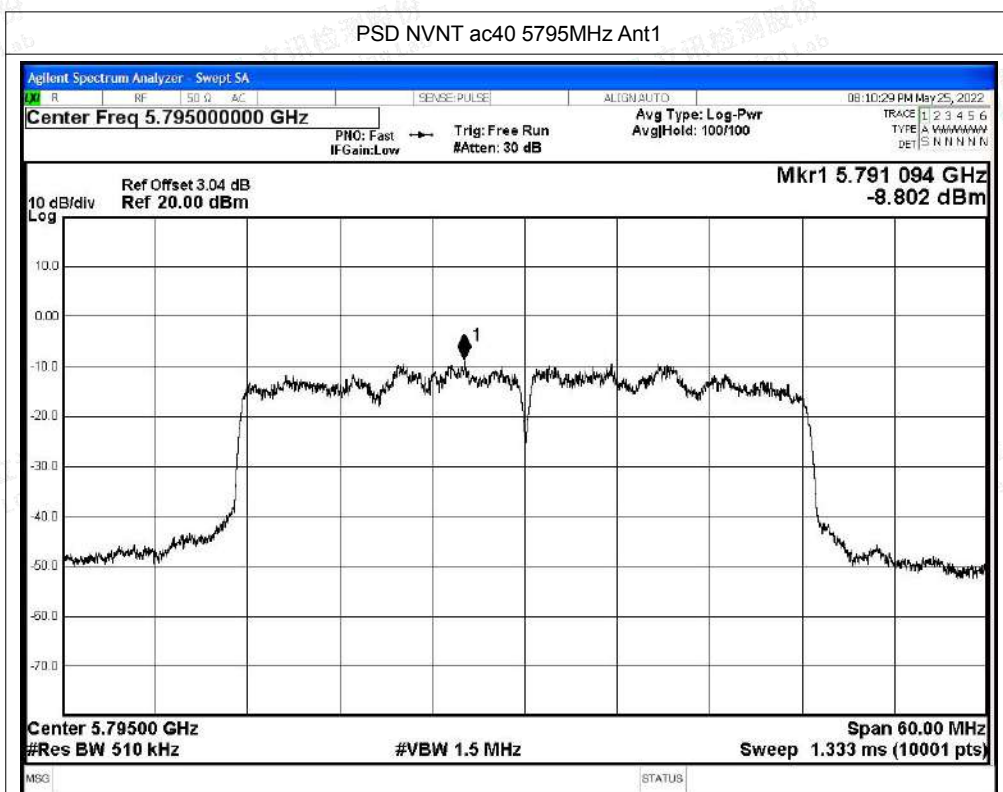














E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E.I.R.P (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	5650	-48.51	2	-46.51	Peak	-27	Pass
NVNT	a	5745	Ant0	5700	-46.12	2	-44.12	Peak	10	Pass
NVNT	a	5745	Ant0	5720	-36.74	2	-34.74	Peak	15.6	Pass
NVNT	a	5745	Ant0	5725	-32.72	2	-30.72	Peak	27	Pass
NVNT	a	5825	Ant0	5850	-40.3	2	-38.3	Peak	27	Pass
NVNT	a	5825	Ant0	5855	-44.14	2	-42.14	Peak	15.6	Pass
NVNT	a	5825	Ant0	5875	-48.26	2	-46.26	Peak	10	Pass
NVNT	a	5825	Ant0	5925	-47.16	2	-45.16	Peak	-27	Pass
NVNT	n20	5745	Ant0	5650	-45.53	2	-43.53	Peak	-27	Pass
NVNT	n20	5745	Ant0	5700	-47.94	2	-45.94	Peak	10	Pass
NVNT	n20	5745	Ant0	5720	-33.82	2	-31.82	Peak	15.6	Pass
NVNT	n20	5745	Ant0	5725	-27.44	2	-25.44	Peak	27	Pass
NVNT	n20	5825	Ant0	5850	-35.27	2	-33.27	Peak	27	Pass
NVNT	n20	5825	Ant0	5855	-40.76	2	-38.76	Peak	15.6	Pass
NVNT	n20	5825	Ant0	5875	-46.68	2	-44.68	Peak	10	Pass
NVNT	n20	5825	Ant0	5925	-47.88	2	-45.88	Peak	-27	Pass
NVNT	n40	5755	Ant0	5650	-48.34	2	-46.34	Peak	-27	Pass
NVNT	n40	5755	Ant0	5700	-41.45	2	-39.45	Peak	10	Pass
NVNT	n40	5755	Ant0	5720	-32.11	2	-30.11	Peak	15.6	Pass
NVNT	n40	5755	Ant0	5725	-31.22	2	-29.22	Peak	27	Pass
NVNT	n40	5795	Ant0	5850	-46.64	2	-44.64	Peak	27	Pass
NVNT	n40	5795	Ant0	5855	-44.52	2	-42.52	Peak	15.6	Pass
NVNT	n40	5795	Ant0	5875	-48.68	2	-46.68	Peak	10	Pass
NVNT	n40	5795	Ant0	5925	-49.42	2	-47.42	Peak	-27	Pass
NVNT	ac20	5745	Ant0	5650	-48.09	2	-46.09	Peak	-27	Pass
NVNT	ac20	5745	Ant0	5700	-47.52	2	-45.52	Peak	10	Pass
NVNT	ac20	5745	Ant0	5720	-37.46	2	-35.46	Peak	15.6	Pass
NVNT	ac20	5745	Ant0	5725	-29.93	2	-27.93	Peak	27	Pass
NVNT	ac20	5825	Ant0	5850	-39.99	2	-37.99	Peak	27	Pass
NVNT	ac20	5825	Ant0	5855	-41.97	2	-39.97	Peak	15.6	Pass
NVNT	ac20	5825	Ant0	5875	-47.22	2	-45.22	Peak	10	Pass
NVNT	ac20	5825	Ant0	5925	-47.79	2	-45.79	Peak	-27	Pass
NVNT	ac40	5755	Ant0	5650	-48.63	2	-46.63	Peak	-27	Pass
NVNT	ac40	5755	Ant0	5700	-40.4	2	-38.4	Peak	10	Pass
NVNT	ac40	5755	Ant0	5720	-35.32	2	-33.32	Peak	15.6	Pass
NVNT	ac40	5755	Ant0	5725	-32.81	2	-30.81	Peak	27	Pass
NVNT	ac40	5795	Ant0	5850	-44.69	2	-42.69	Peak	27	Pass



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NVNT	ac40	5795	Ant0	5855	-46.75	2	-44.75	Peak	15.6	Pass
NVNT	ac40	5795	Ant0	5875	-47.01	2	-45.01	Peak	10	Pass
NVNT	ac40	5795	Ant0	5925	-48.29	2	-46.29	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5650	-44.85	2	-42.85	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5700	-37.84	2	-35.84	Peak	10	Pass
NVNT	ac80	5775	Ant0	5720	-35.22	2	-33.22	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5725	-33.24	2	-31.24	Peak	27	Pass
NVNT	ac80	5775	Ant0	5850	-37.05	2	-35.05	Peak	27	Pass
NVNT	ac80	5775	Ant0	5855	-38.68	2	-36.68	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5875	-42.49	2	-40.49	Peak	10	Pass
NVNT	ac80	5775	Ant0	5925	-48.1	2	-46.1	Peak	-27	Pass

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E.I.R.P (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5650	-48.56	2	-46.56	Peak	-27	Pass
NVNT	a	5745	Ant1	5700	-47.11	2	-45.11	Peak	10	Pass
NVNT	a	5745	Ant1	5720	-36.08	2	-34.08	Peak	15.6	Pass
NVNT	a	5745	Ant1	5725	-31.87	2	-29.87	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-37.32	2	-35.32	Peak	27	Pass
NVNT	a	5825	Ant1	5855	-45.41	2	-43.41	Peak	15.6	Pass
NVNT	a	5825	Ant1	5875	-47.46	2	-45.46	Peak	10	Pass
NVNT	a	5825	Ant1	5925	-49.52	2	-47.52	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-48.39	2	-46.39	Peak	-27	Pass
NVNT	n20	5745	Ant1	5700	-44.03	2	-42.03	Peak	10	Pass
NVNT	n20	5745	Ant1	5720	-35.84	2	-33.84	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5725	-30.99	2	-28.99	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-35.54	2	-33.54	Peak	27	Pass
NVNT	n20	5825	Ant1	5855	-43.21	2	-41.21	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5875	-48.27	2	-46.27	Peak	10	Pass
NVNT	n20	5825	Ant1	5925	-49.54	2	-47.54	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-46.92	2	-44.92	Peak	-27	Pass
NVNT	n40	5755	Ant1	5700	-42.19	2	-40.19	Peak	10	Pass
NVNT	n40	5755	Ant1	5720	-31.36	2	-29.36	Peak	15.6	Pass
NVNT	n40	5755	Ant1	5725	-29.24	2	-27.24	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-46.74	2	-44.74	Peak	27	Pass
NVNT	n40	5795	Ant1	5855	-46.6	2	-44.6	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5875	-48.61	2	-46.61	Peak	10	Pass
NVNT	n40	5795	Ant1	5925	-48.9	2	-46.9	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-47.64	2	-45.64	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5700	-47.26	2	-45.26	Peak	10	Pass
NVNT	ac20	5745	Ant1	5720	-37.2	2	-35.2	Peak	15.6	Pass



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NVNT	ac20	5745	Ant1	5725	-32.56	2	-30.56	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-39.29	2	-37.29	Peak	27	Pass
NVNT	ac20	5825	Ant1	5855	-42.43	2	-40.43	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5875	-47.87	2	-45.87	Peak	10	Pass
NVNT	ac20	5825	Ant1	5925	-47.82	2	-45.82	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-47.75	2	-45.75	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5700	-39.89	2	-37.89	Peak	10	Pass
NVNT	ac40	5755	Ant1	5720	-33.8	2	-31.8	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-31.02	2	-29.02	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-44.98	2	-42.98	Peak	27	Pass
NVNT	ac40	5795	Ant1	5855	-48.78	2	-46.78	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-48.49	2	-46.49	Peak	10	Pass
NVNT	ac40	5795	Ant1	5925	-47.65	2	-45.65	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5650	-45.62	2	-43.62	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5700	-37.79	2	-35.79	Peak	10	Pass
NVNT	ac80	5775	Ant1	5720	-32.59	2	-30.59	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5725	-33.73	2	-31.73	Peak	27	Pass
NVNT	ac80	5775	Ant1	5850	-38.86	2	-36.86	Peak	27	Pass
NVNT	ac80	5775	Ant1	5855	-37.19	2	-35.19	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5875	-41.75	2	-39.75	Peak	10	Pass
NVNT	ac80	5775	Ant1	5925	-48.95	2	-46.95	Peak	-27	Pass

MIMO

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)			Detector	Limit (dBm)	Verdict
				Ant0	Ant1	Ant0+Ant1			
NVNT	n20	5745	5650	-45.53	-48.39	-43.72	Peak	-27	Pass
NVNT	n20	5745	5700	-47.94	-44.03	-42.55	Peak	10	Pass
NVNT	n20	5745	5720	-33.82	-35.84	-31.70	Peak	15.6	Pass
NVNT	n20	5745	5725	-27.44	-30.99	-25.85	Peak	27	Pass
NVNT	n20	5825	5850	-35.27	-35.54	-32.39	Peak	27	Pass
NVNT	n20	5825	5855	-40.76	-43.21	-38.80	Peak	15.6	Pass
NVNT	n20	5825	5875	-46.68	-48.27	-44.39	Peak	10	Pass
NVNT	n20	5825	5925	-47.88	-49.54	-45.62	Peak	-27	Pass
NVNT	n40	5755	5650	-48.34	-46.92	-44.56	Peak	-27	Pass
NVNT	n40	5755	5700	-41.45	-42.19	-38.79	Peak	10	Pass
NVNT	n40	5755	5720	-32.11	-31.36	-28.71	Peak	15.6	Pass
NVNT	n40	5755	5725	-31.22	-29.24	-27.11	Peak	27	Pass
NVNT	n40	5795	5850	-46.64	-46.74	-43.68	Peak	27	Pass
NVNT	n40	5795	5855	-44.52	-46.6	-42.43	Peak	15.6	Pass
NVNT	n40	5795	5875	-48.68	-48.61	-45.63	Peak	10	Pass



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NVNT	n40	5795	5925	-49.42	-48.9	-46.14	Peak	-27	Pass
NVNT	ac20	5745	5650	-48.09	-47.64	-44.85	Peak	-27	Pass
NVNT	ac20	5745	5700	-47.52	-47.26	-44.38	Peak	10	Pass
NVNT	ac20	5745	5720	-37.46	-37.2	-34.32	Peak	15.6	Pass
NVNT	ac20	5745	5725	-29.93	-32.56	-28.04	Peak	27	Pass
NVNT	ac20	5825	5850	-39.99	-39.29	-36.62	Peak	27	Pass
NVNT	ac20	5825	5855	-41.97	-42.43	-39.18	Peak	15.6	Pass
NVNT	ac20	5825	5875	-47.22	-47.87	-44.52	Peak	10	Pass
NVNT	ac20	5825	5925	-47.79	-47.82	-44.79	Peak	-27	Pass
NVNT	ac40	5755	5650	-48.63	-47.75	-45.16	Peak	-27	Pass
NVNT	ac40	5755	5700	-40.4	-39.89	-37.13	Peak	10	Pass
NVNT	ac40	5755	5720	-35.32	-33.8	-31.48	Peak	15.6	Pass
NVNT	ac40	5755	5725	-32.81	-31.02	-28.81	Peak	27	Pass
NVNT	ac40	5795	5850	-44.69	-44.98	-41.82	Peak	27	Pass
NVNT	ac40	5795	5855	-46.75	-48.78	-44.64	Peak	15.6	Pass
NVNT	ac40	5795	5875	-47.01	-48.49	-44.68	Peak	10	Pass
NVNT	ac40	5795	5925	-48.29	-47.65	-44.95	Peak	-27	Pass
NVNT	ac80	5775	5650	-44.85	-45.62	-42.21	Peak	-27	Pass
NVNT	ac80	5775	5700	-37.84	-37.79	-34.80	Peak	10	Pass
NVNT	ac80	5775	5720	-35.22	-32.59	-30.70	Peak	15.6	Pass
NVNT	ac80	5775	5725	-33.24	-33.73	-30.47	Peak	27	Pass
NVNT	ac80	5775	5850	-37.05	-38.86	-34.85	Peak	27	Pass
NVNT	ac80	5775	5855	-38.68	-37.19	-34.86	Peak	15.6	Pass
NVNT	ac80	5775	5875	-42.49	-41.75	-39.09	Peak	10	Pass
NVNT	ac80	5775	5925	-48.1	-48.95	-45.49	Peak	-27	Pass

Note: The Antenna Gain is compensated in the graph.

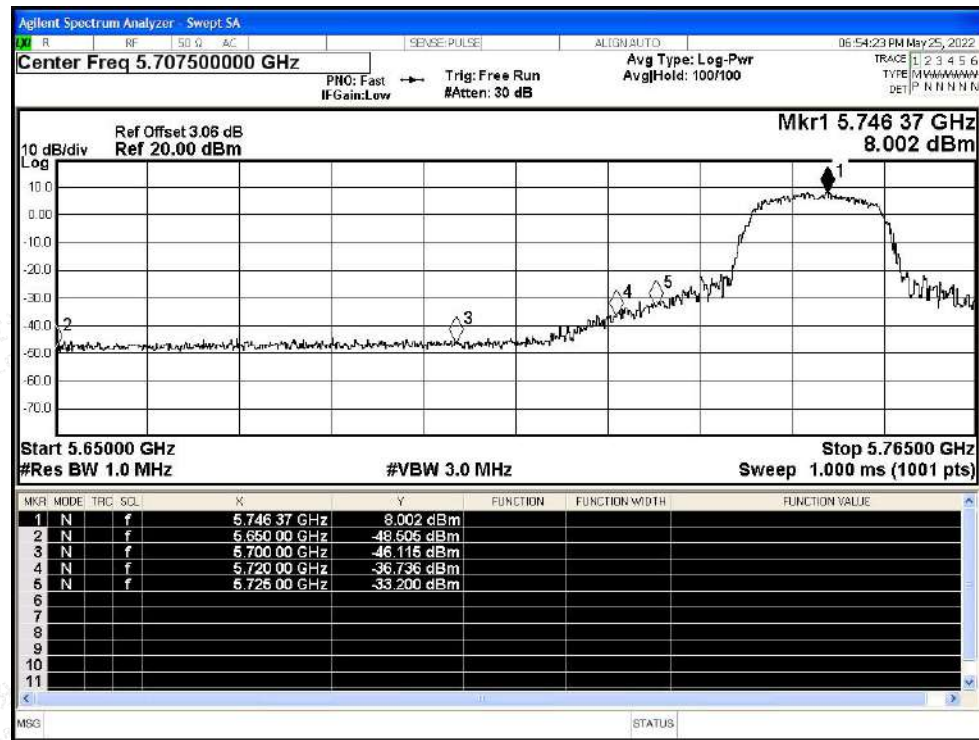


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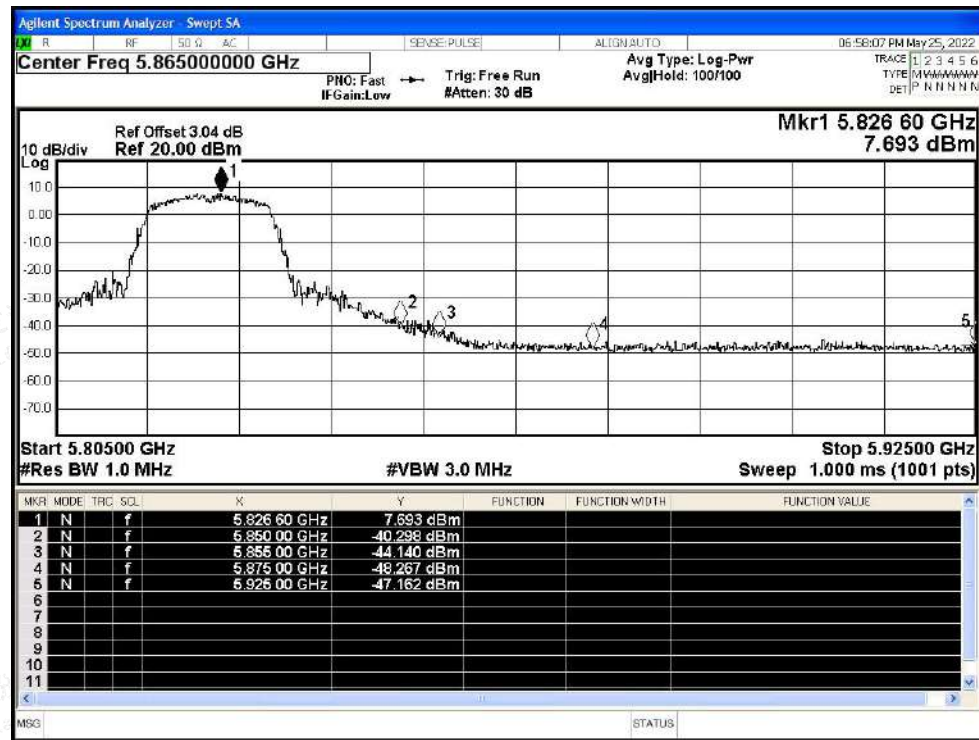


Test Graphs

Restrict Band NVNT a 5745MHz Ant0 Peak

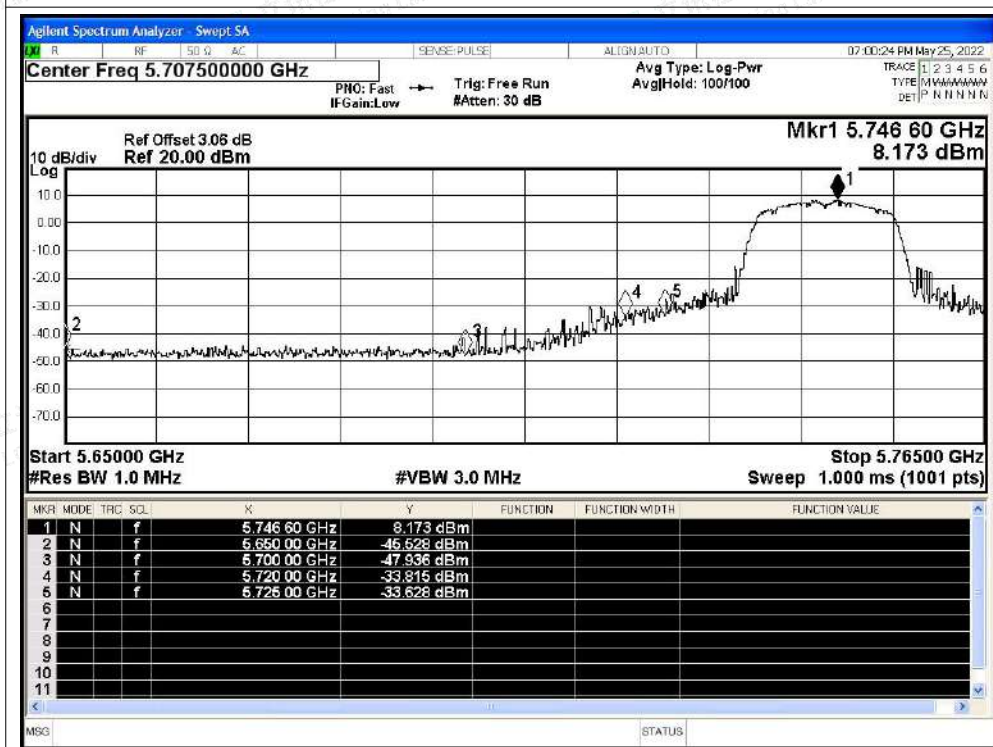


Restrict Band NVNT a 5825MHz Ant0 Peak

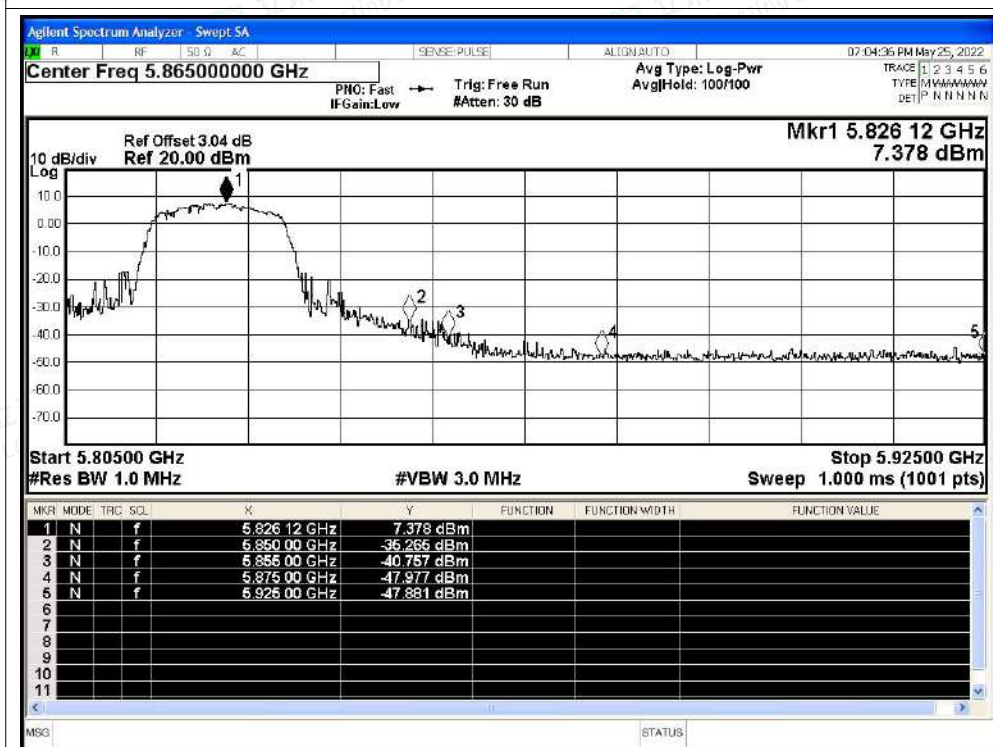




Restrict Band NVNT n20 5745MHz Ant0 Peak

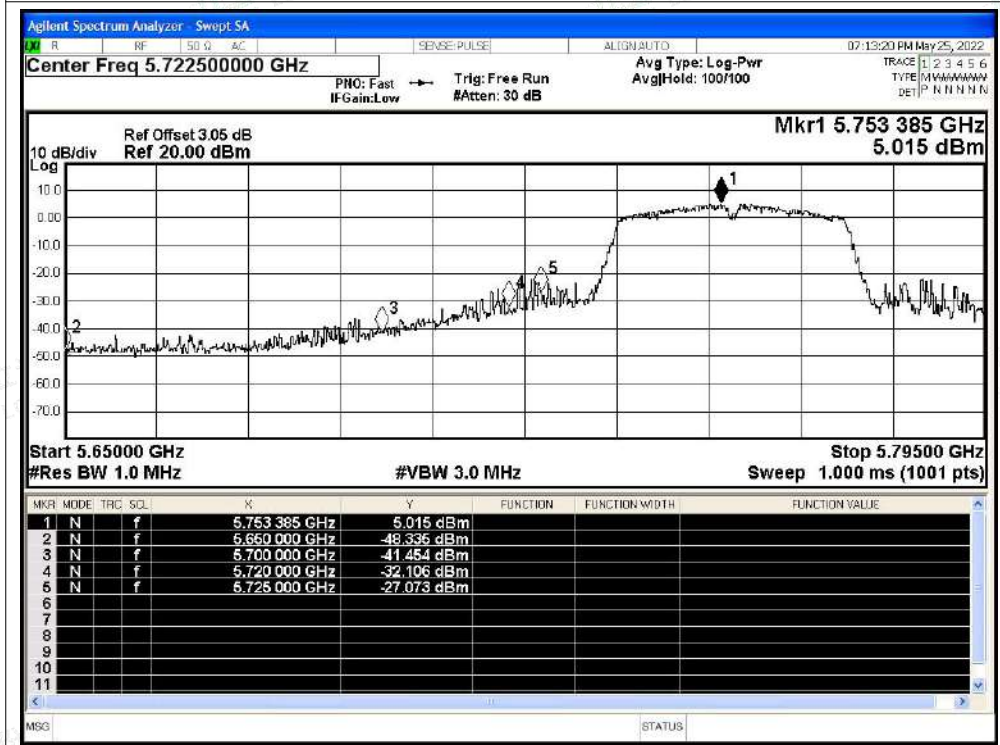


Restrict Band NVNT n20 5825MHz Ant0 Peak

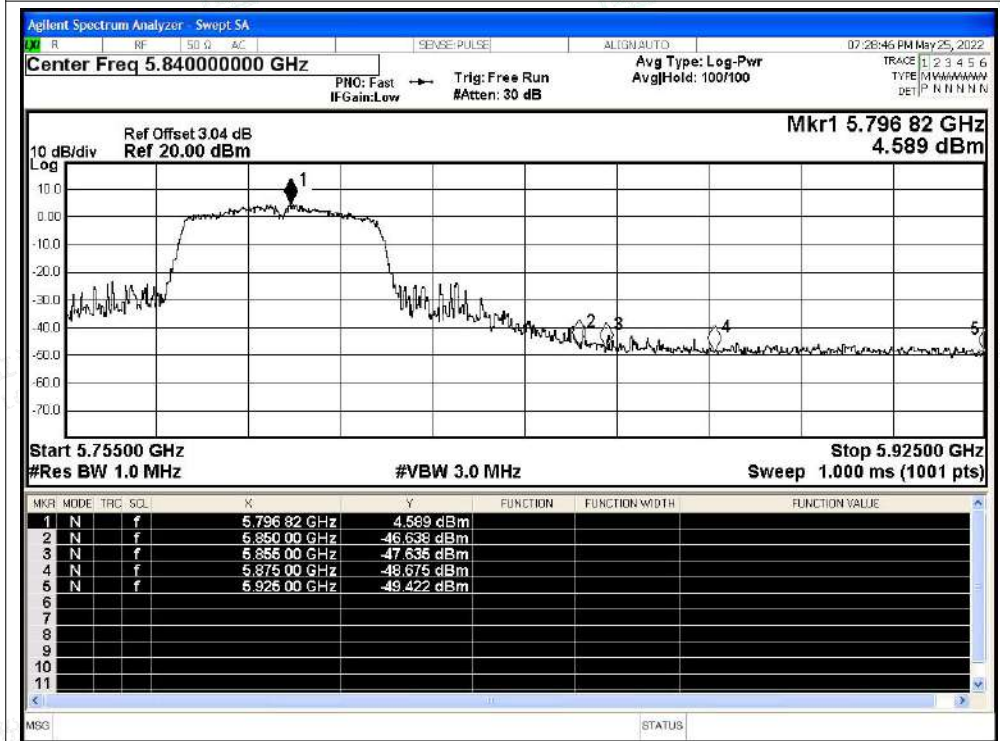




Restrict Band NVNT n40 5755MHz Ant0 Peak

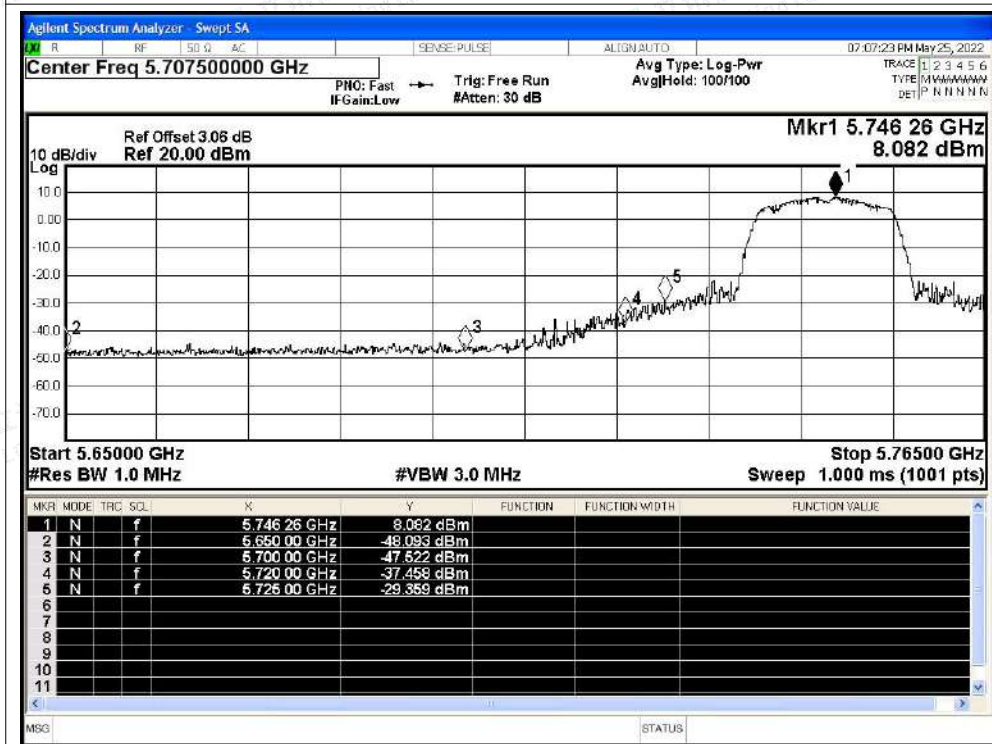


Restrict Band NVNT n40 5795MHz Ant0 Peak

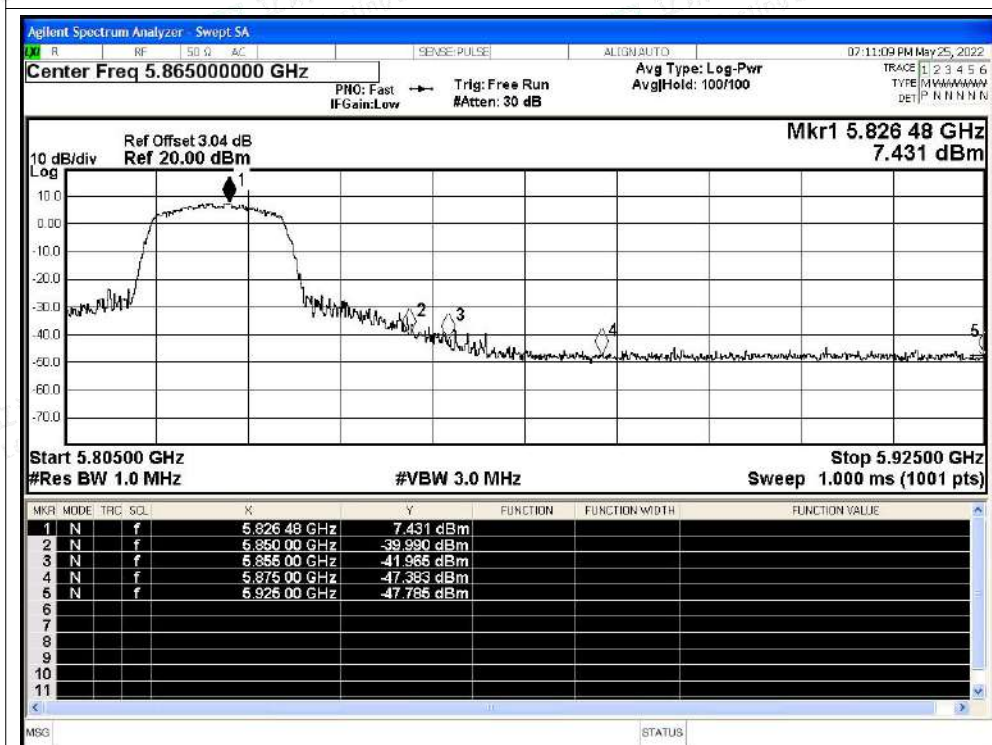




Restrict Band NVNT ac20 5745MHz Ant0 Peak

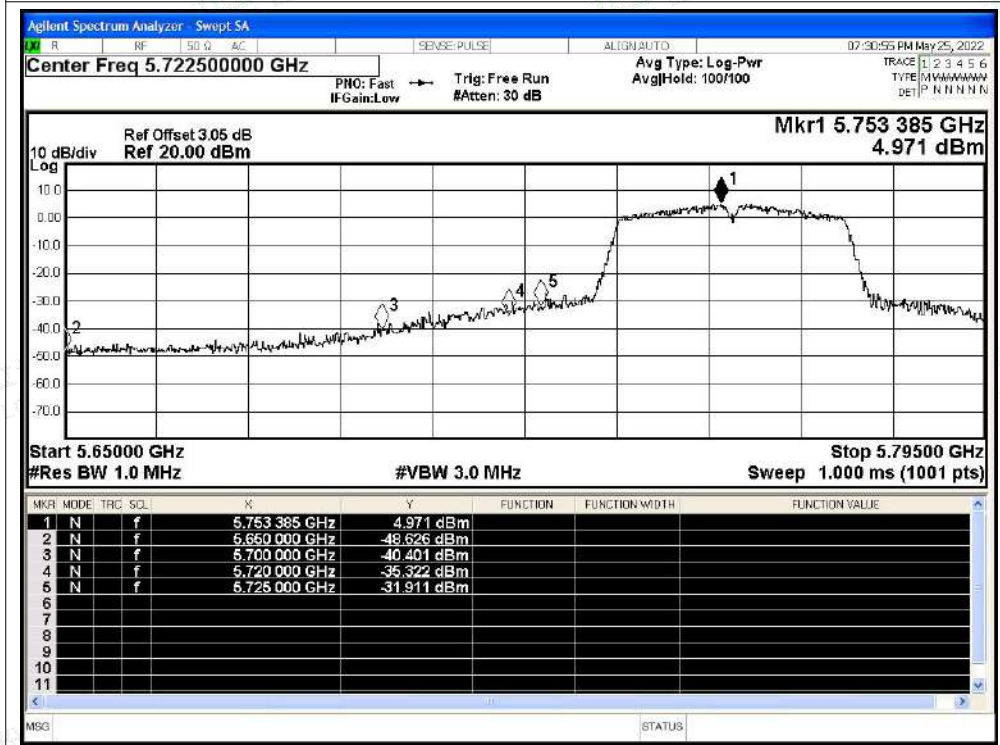


Restrict Band NVNT ac20 5825MHz Ant0 Peak

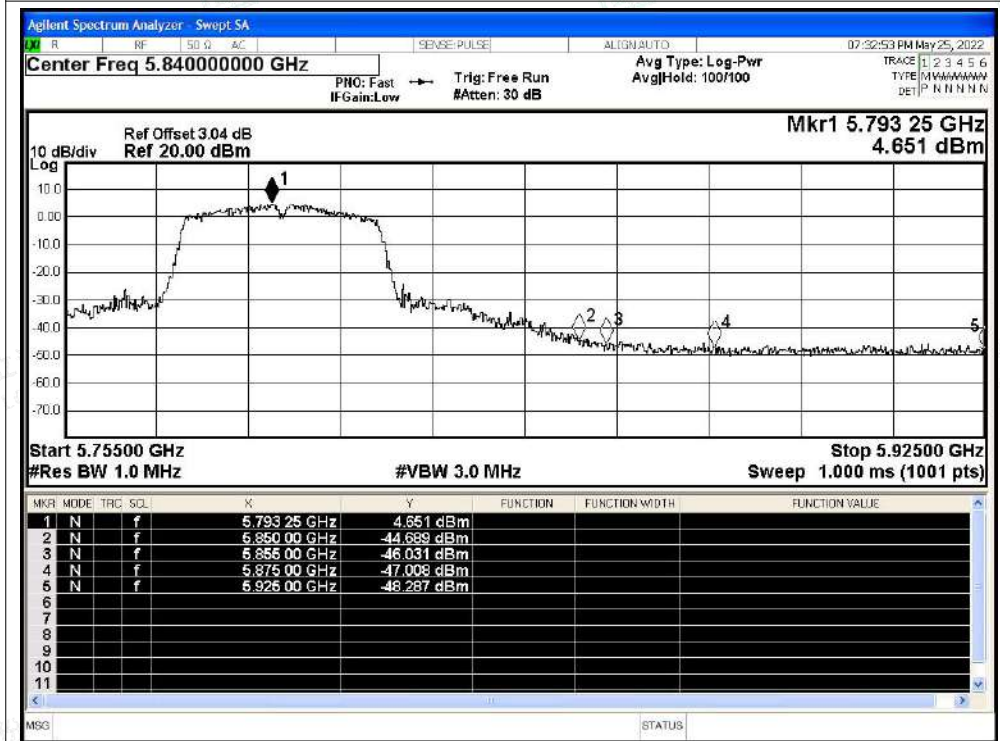


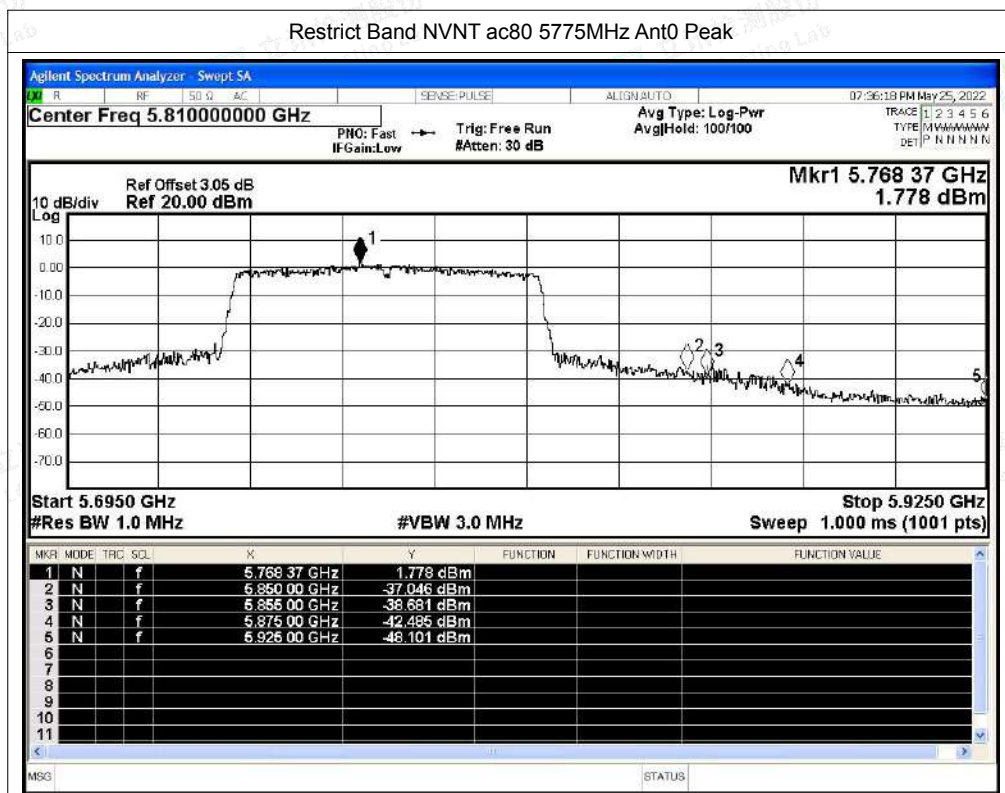
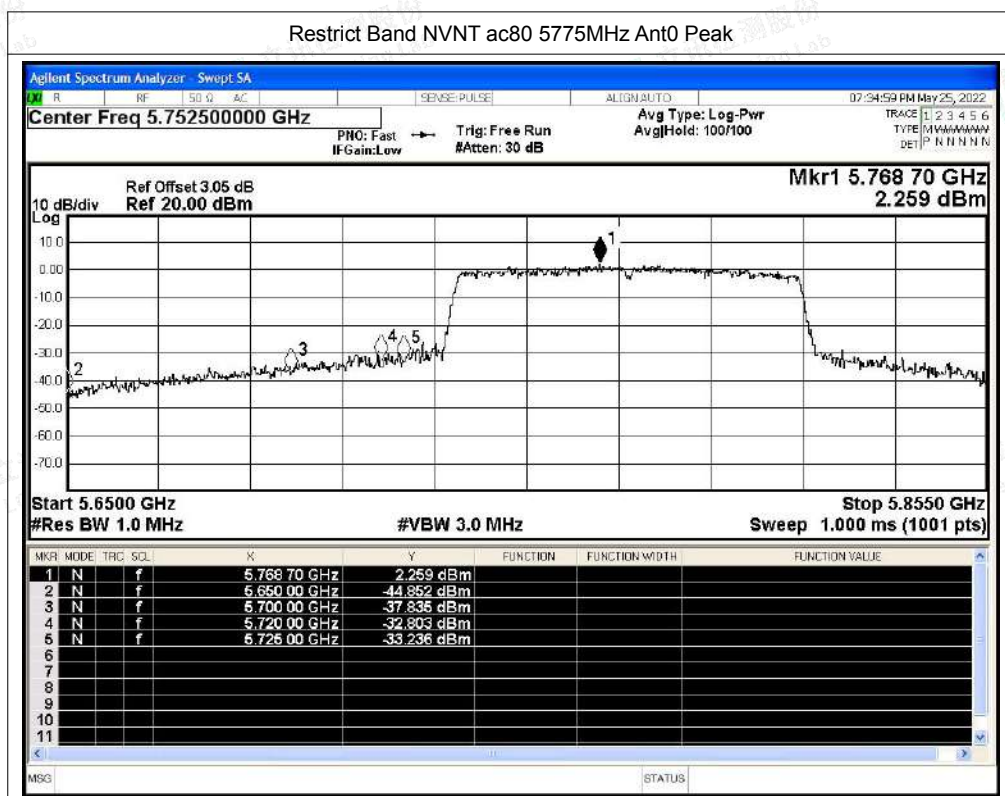


Restrict Band NVNT ac40 5755MHz Ant0 Peak



Restrict Band NVNT ac40 5795MHz Ant0 Peak

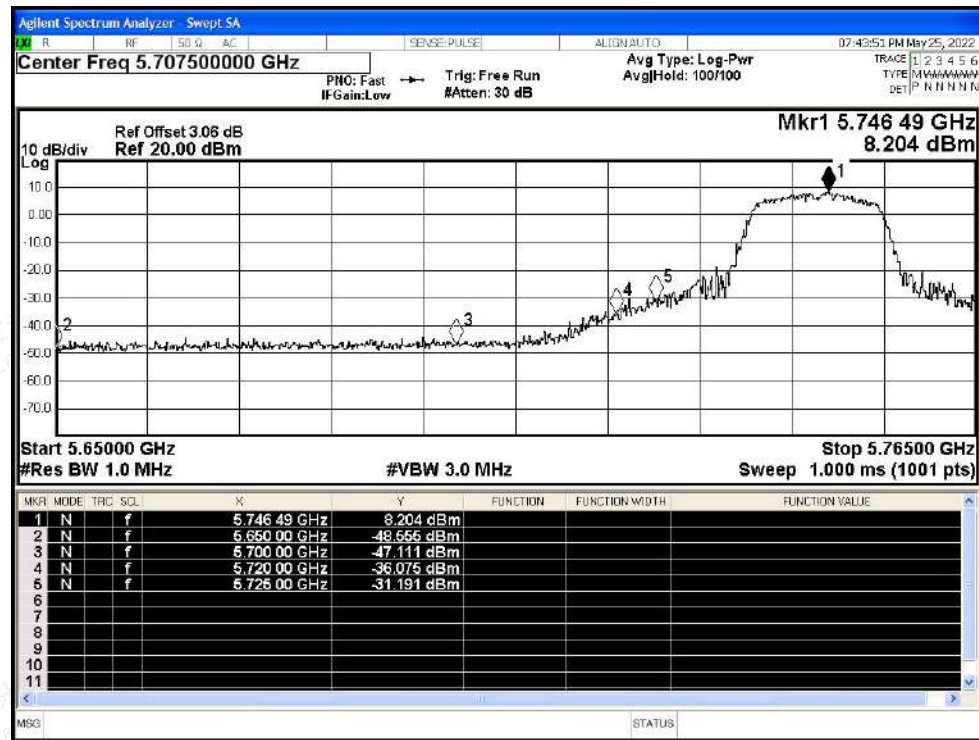




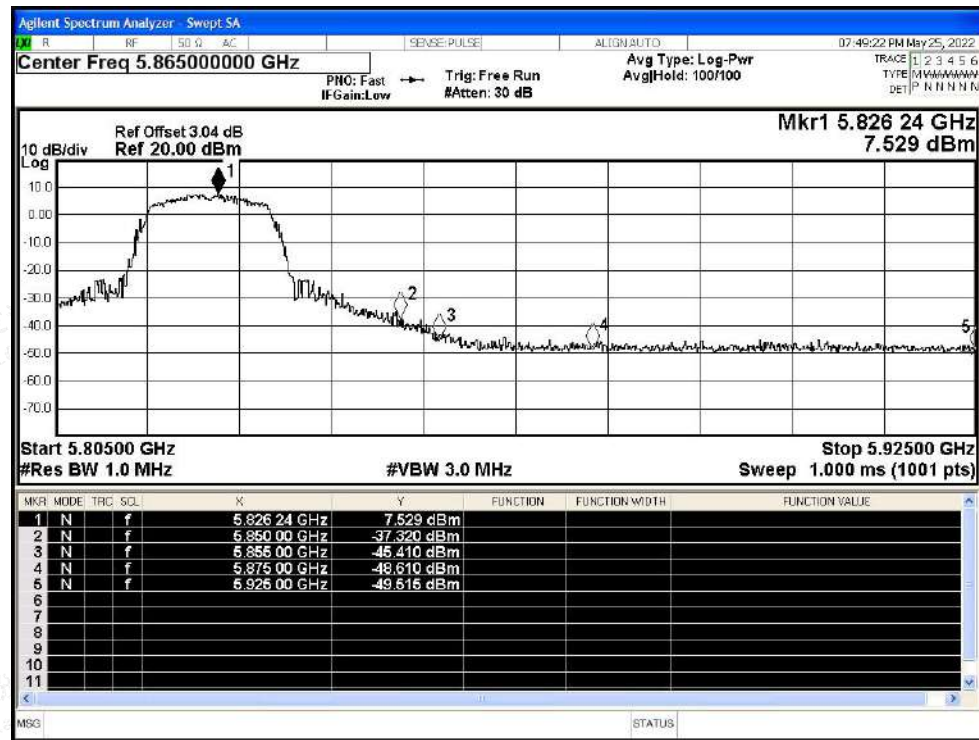


Test Graphs

Restrict Band NVNT a 5745MHz Ant1 Peak

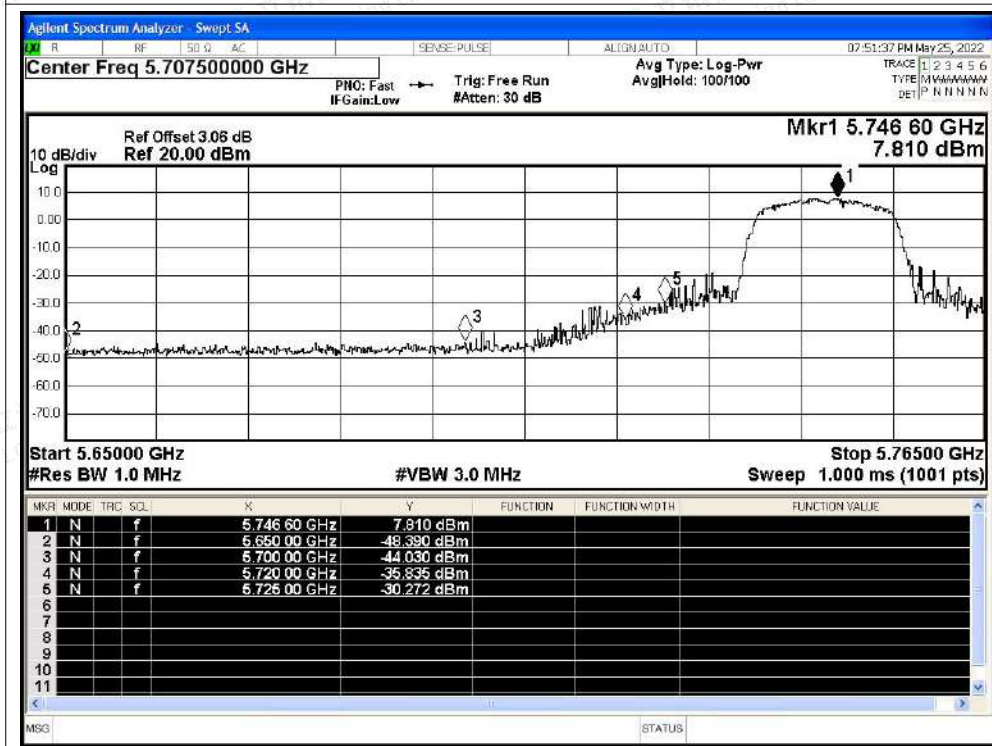


Restrict Band NVNT a 5825MHz Ant1 Peak

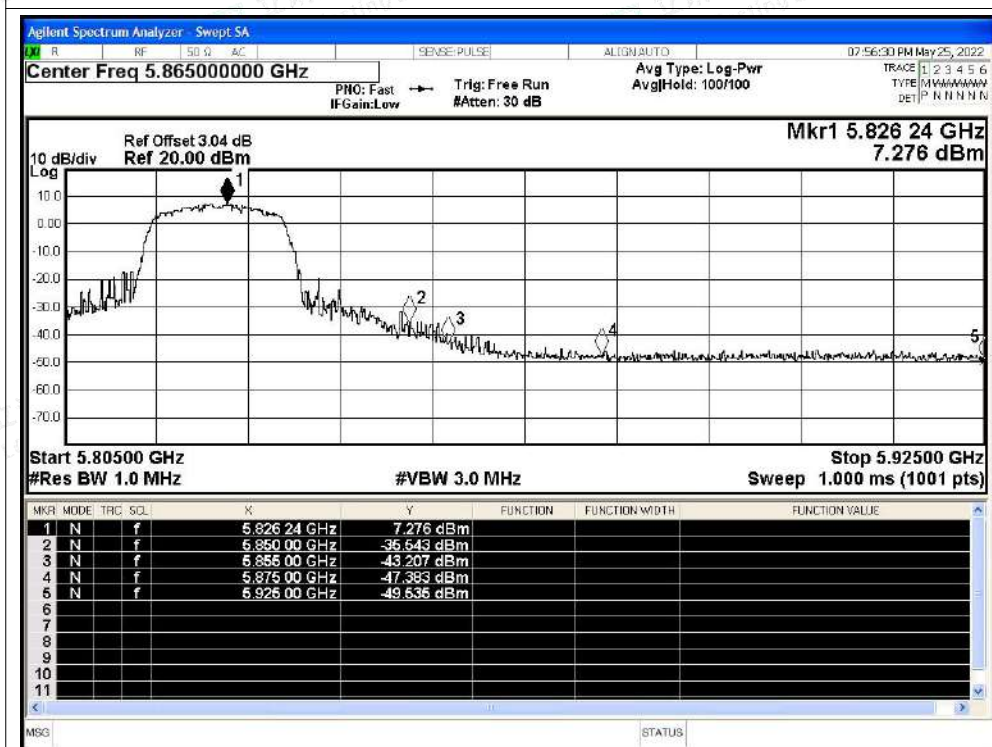




Restrict Band NVNT n20 5745MHz Ant1 Peak

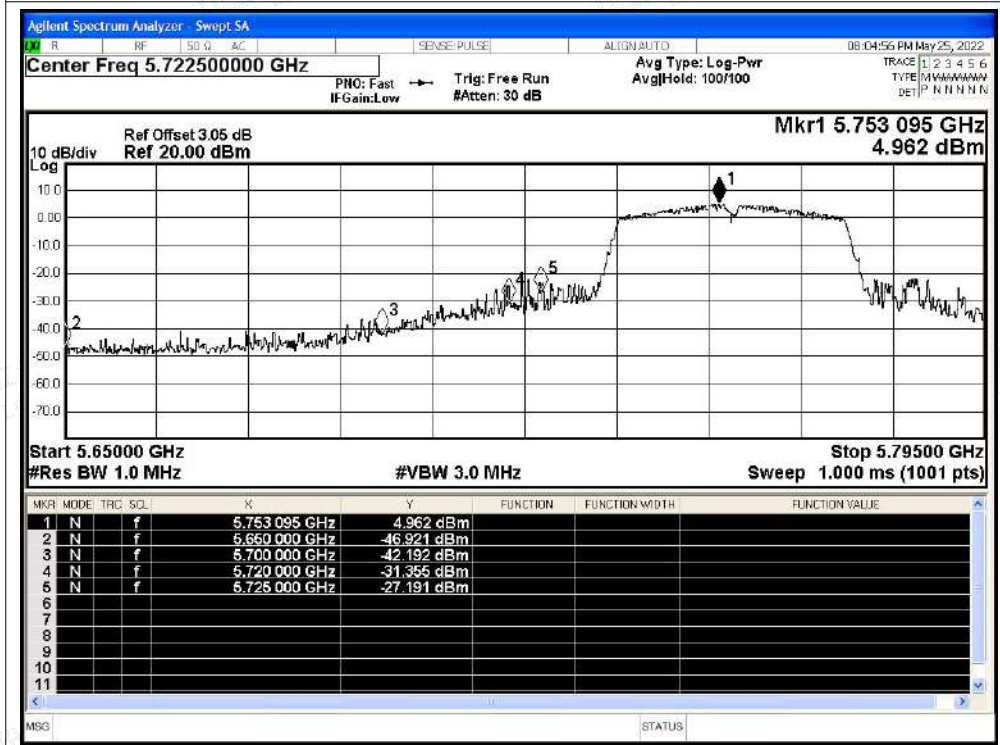


Restrict Band NVNT n20 5825MHz Ant1 Peak

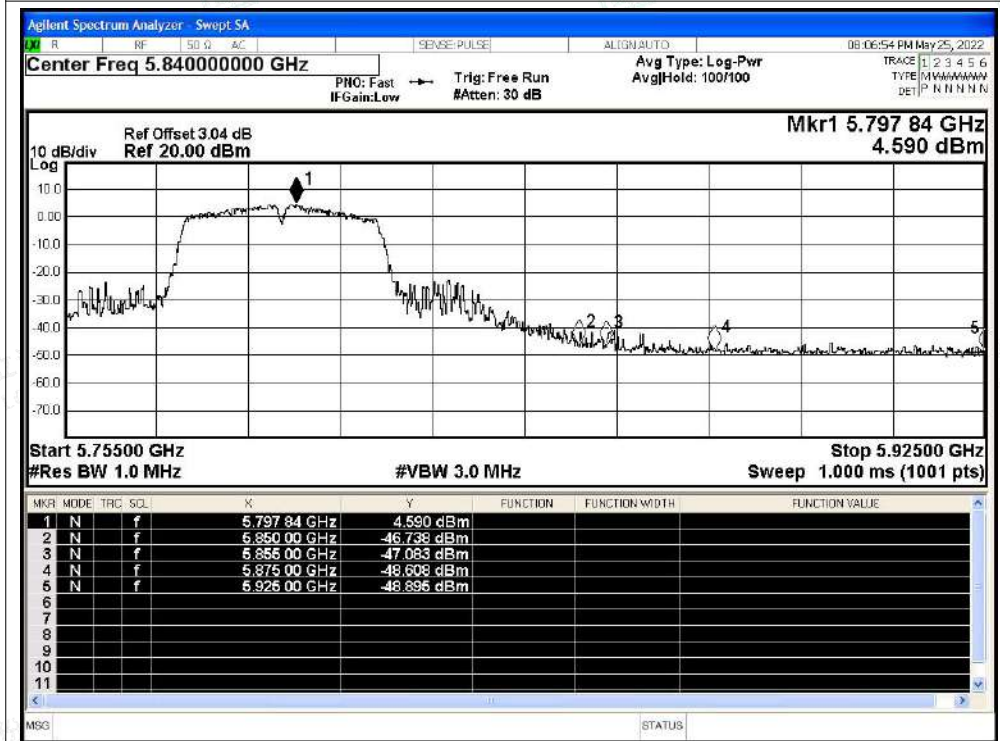




Restrict Band NVNT n40 5755MHz Ant1 Peak

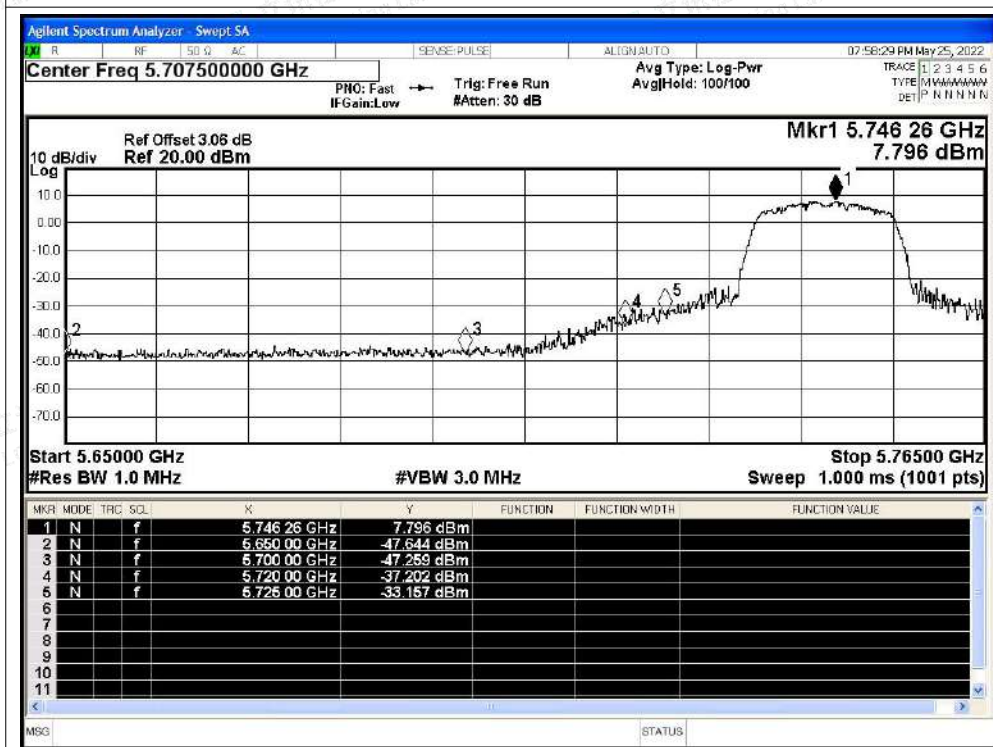


Restrict Band NVNT n40 5795MHz Ant1 Peak

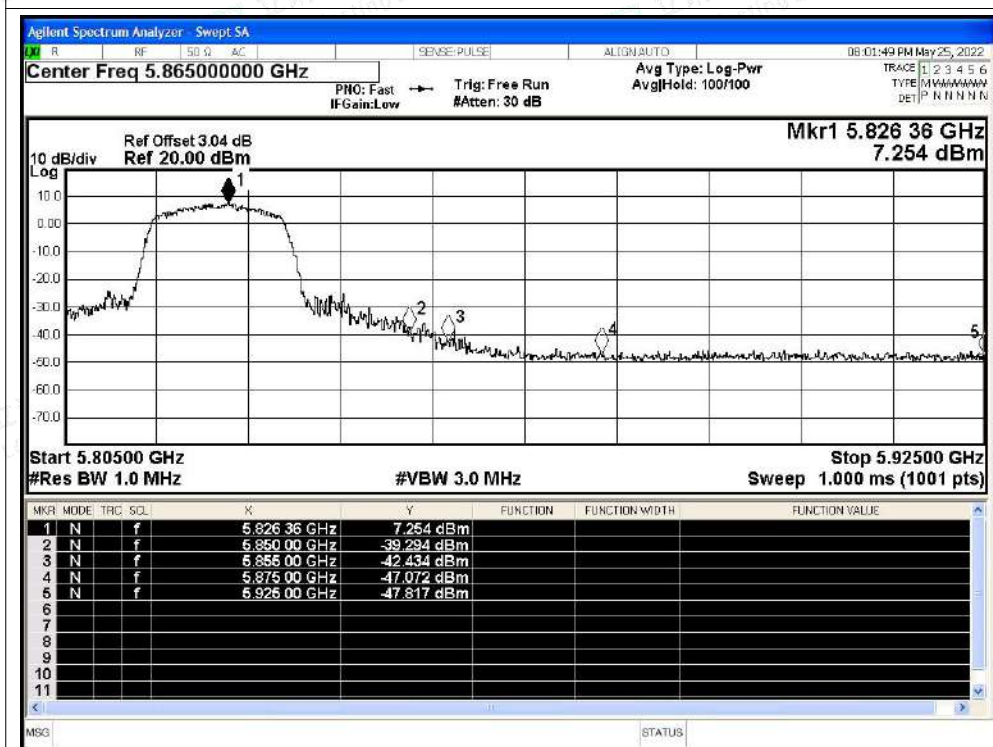




Restrict Band NVNT ac20 5745MHz Ant1 Peak



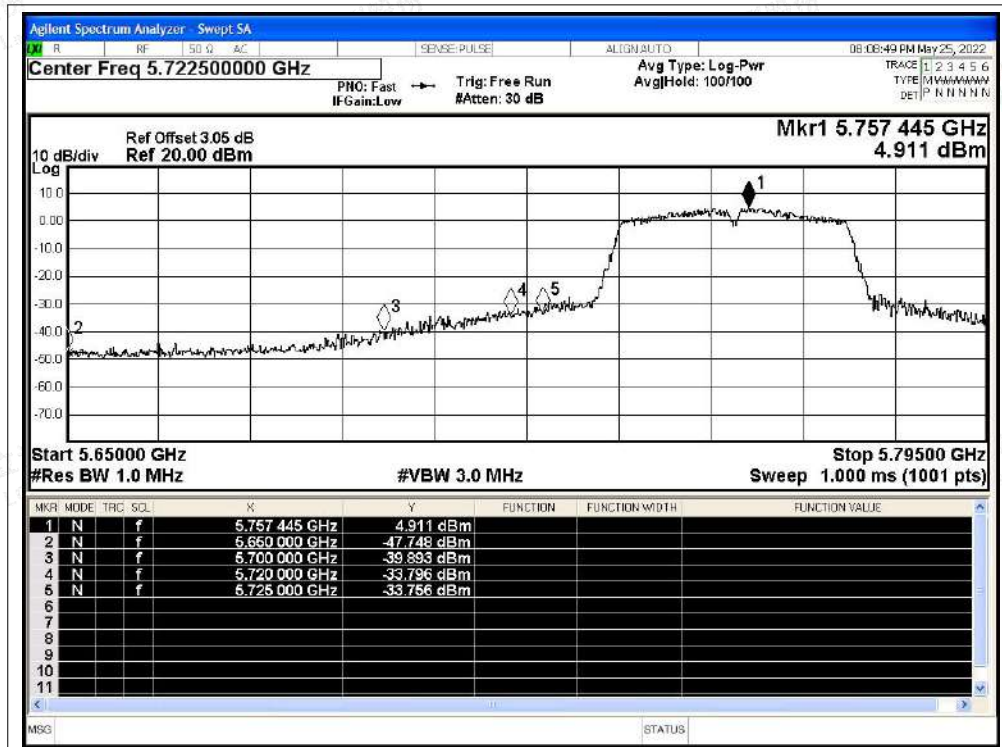
Restrict Band NVNT ac20 5825MHz Ant1 Peak



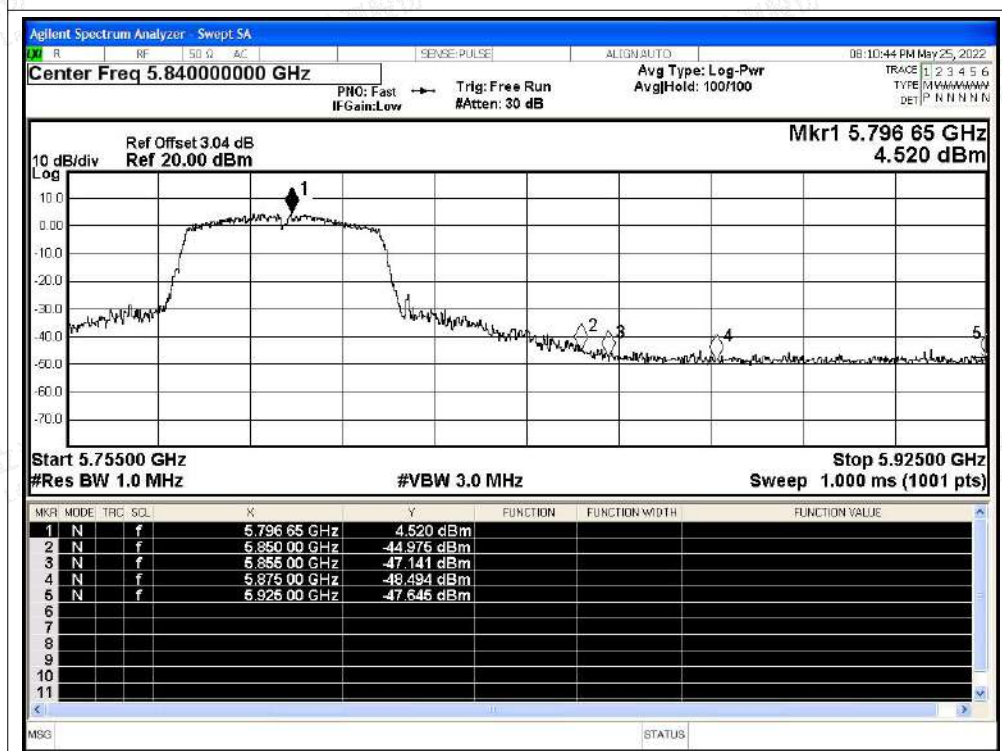
Restrict Band NVNT ac40 5755MHz Ant1 Peak



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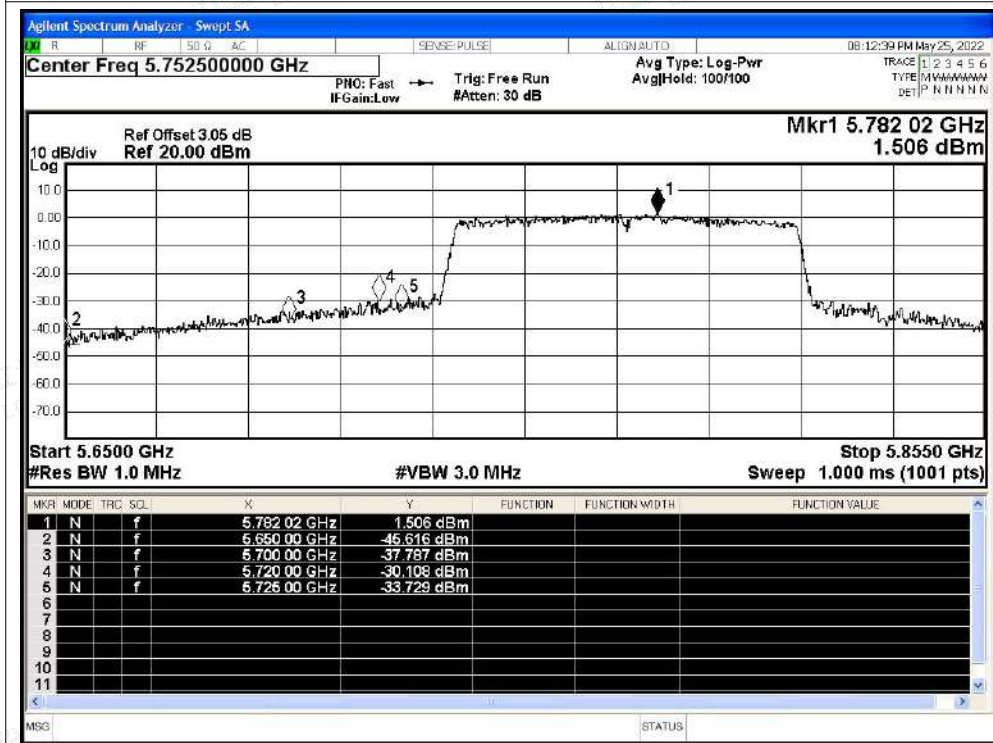


Restrict Band NVNT ac40 5795MHz Ant1 Peak

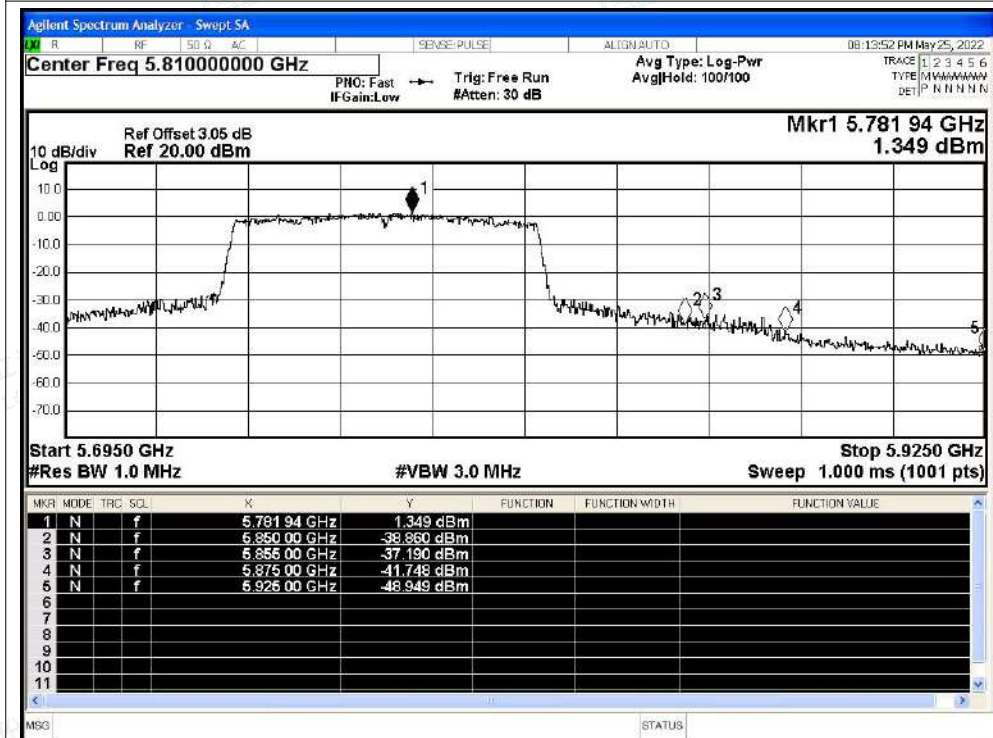




Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Peak





E.5 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant0	5744.98	-20000	-3.48	25	Pass
NVNT	a	5785	Ant0	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant0	5824.96	-40000	-6.87	25	Pass
NVNT	n20	5745	Ant0	5745	0	0	25	Pass
NVNT	n20	5785	Ant0	5785	0	0	25	Pass
NVNT	n20	5825	Ant0	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant0	5754.96	-40000	-6.95	25	Pass
NVNT	n40	5795	Ant0	5795	0	0	25	Pass
NVNT	ac20	5745	Ant0	5745.02	20000	3.48	25	Pass
NVNT	ac20	5785	Ant0	5785	0	0	25	Pass
NVNT	ac20	5825	Ant0	5824.98	-20000	-3.43	25	Pass
NVNT	ac40	5755	Ant0	5755	0	0	25	Pass
NVNT	ac40	5795	Ant0	5795	0	0	25	Pass
NVNT	ac80	5775	Ant0	5775	0	0	25	Pass

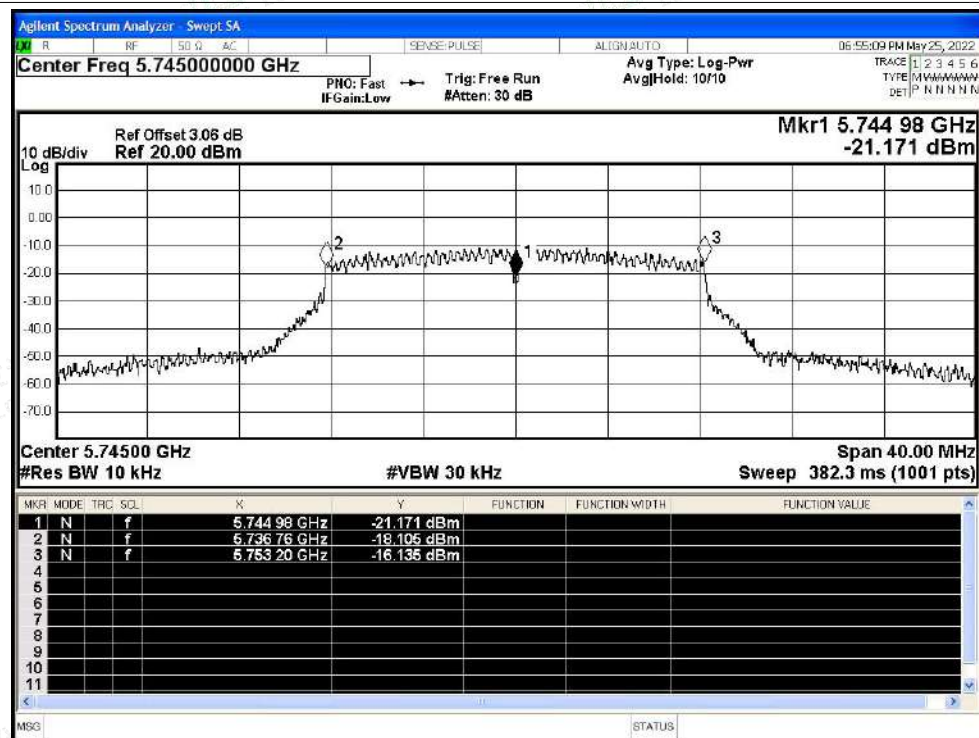


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Scan code to check authenticity

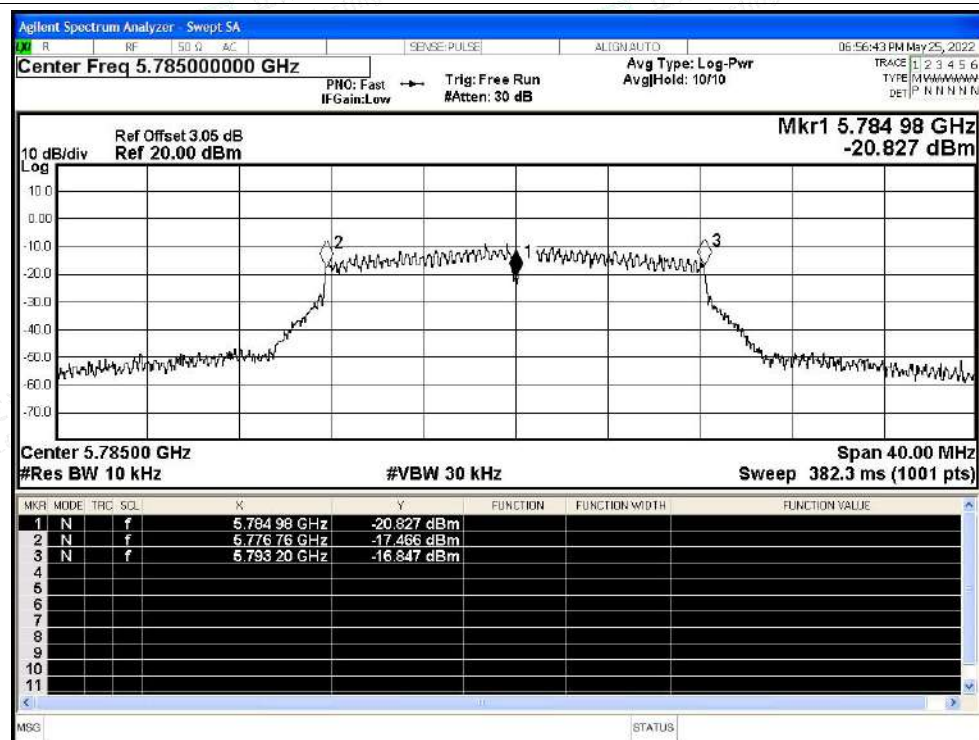


Test Graphs

Freq. Stability NVNT a 5745MHz Ant0



Freq. Stability NVNT a 5785MHz Ant0

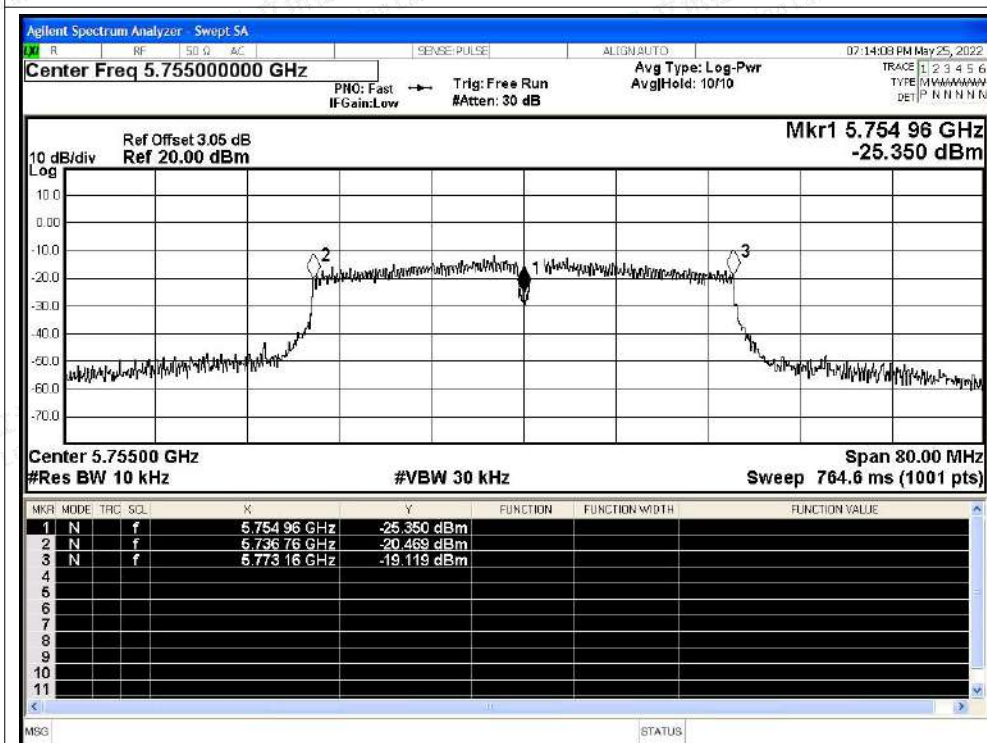


Report No.: LCSA051222131EE

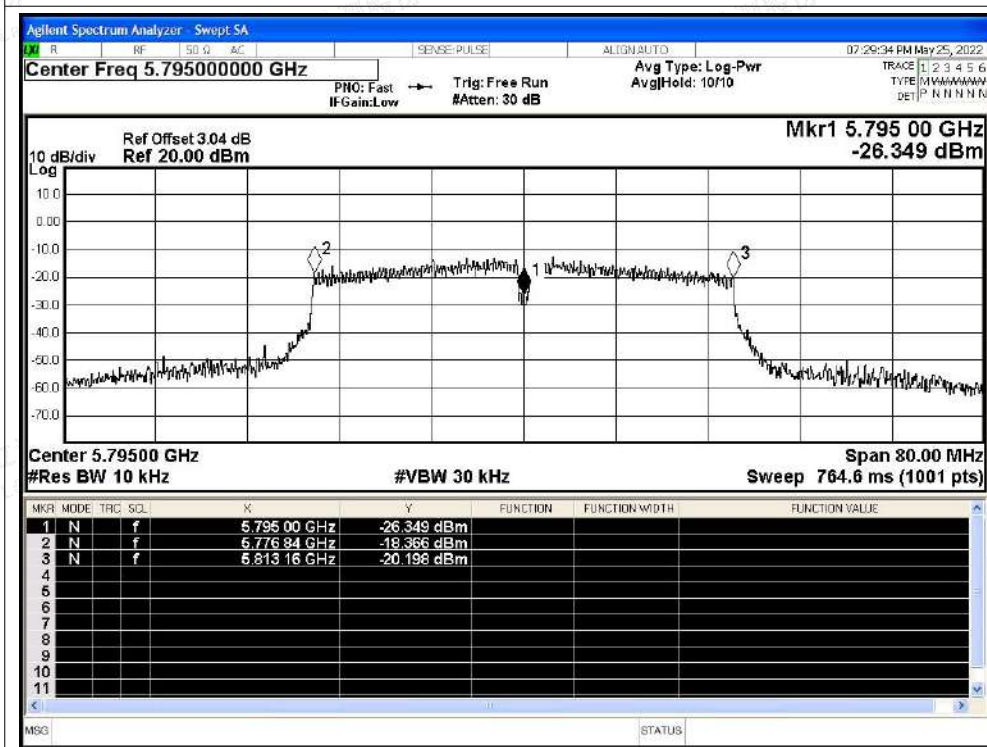
Report No.: LCSA051222131EE

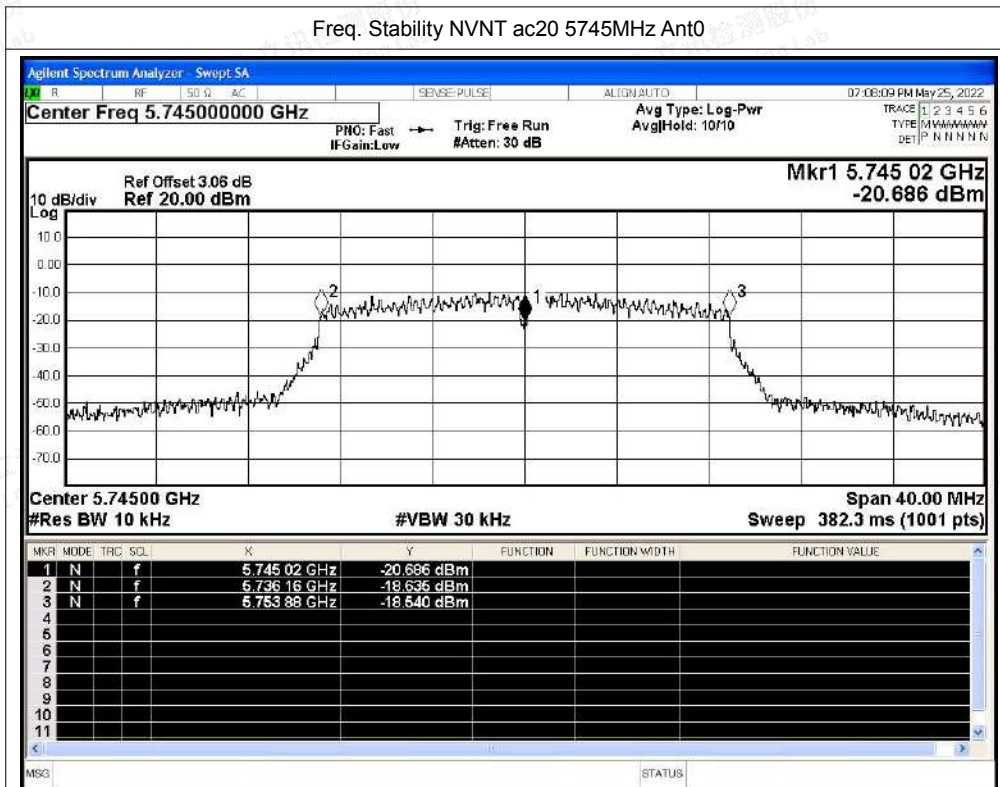


Freq. Stability NVNT n40 5755MHz Ant0

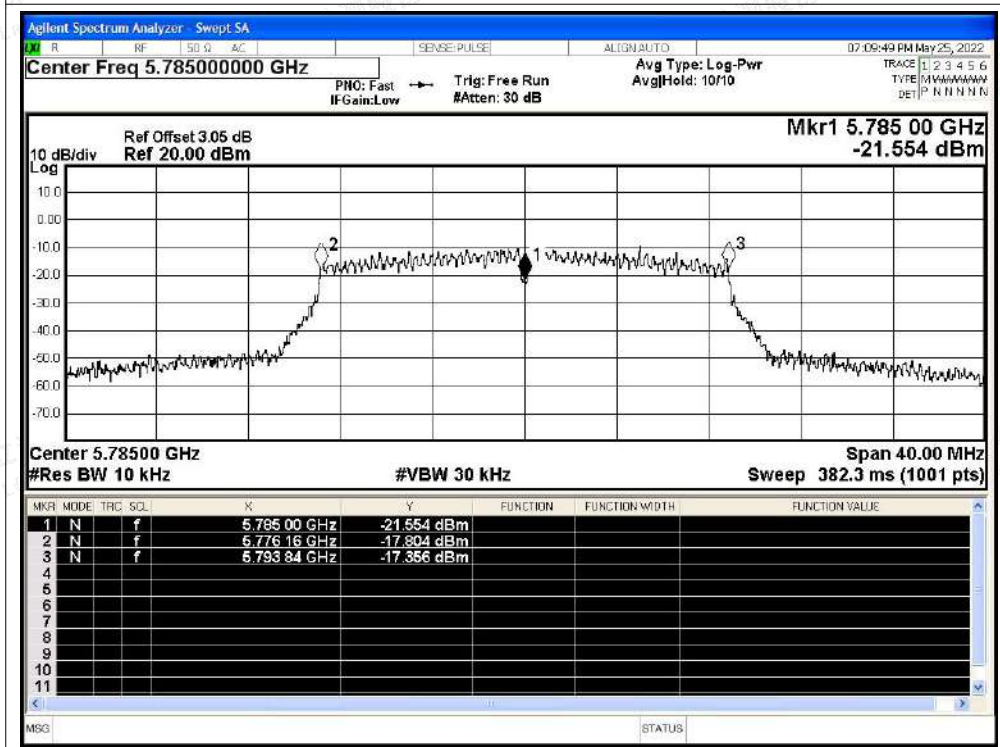


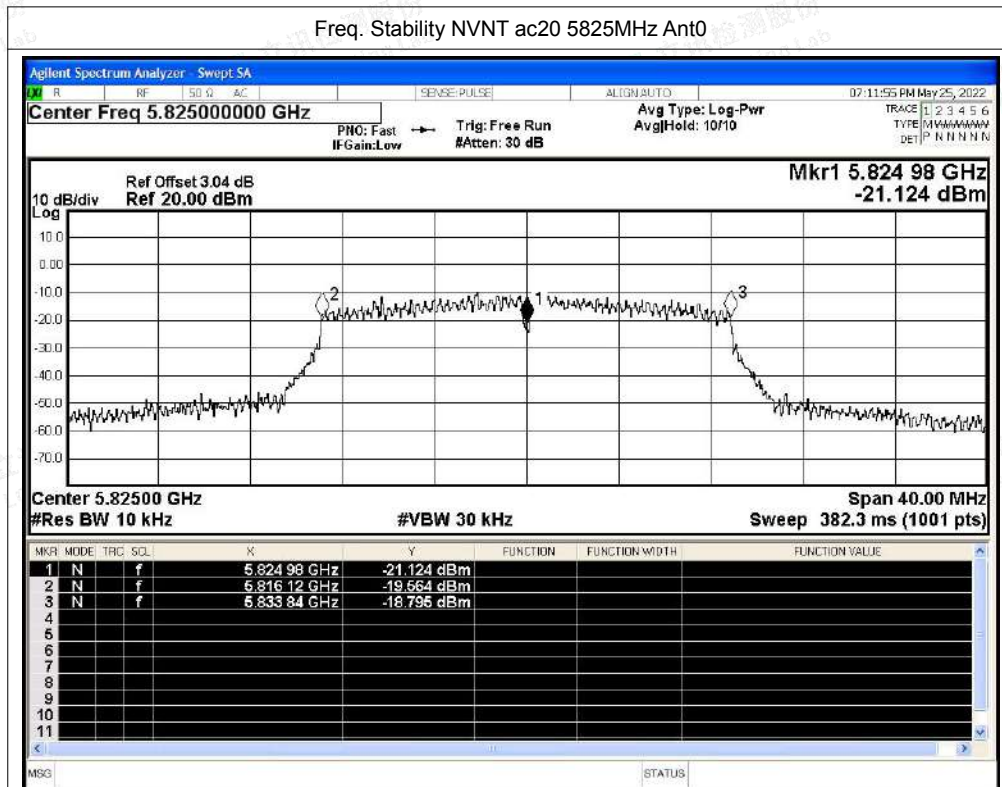
Freq. Stability NVNT n40 5795MHz Ant0



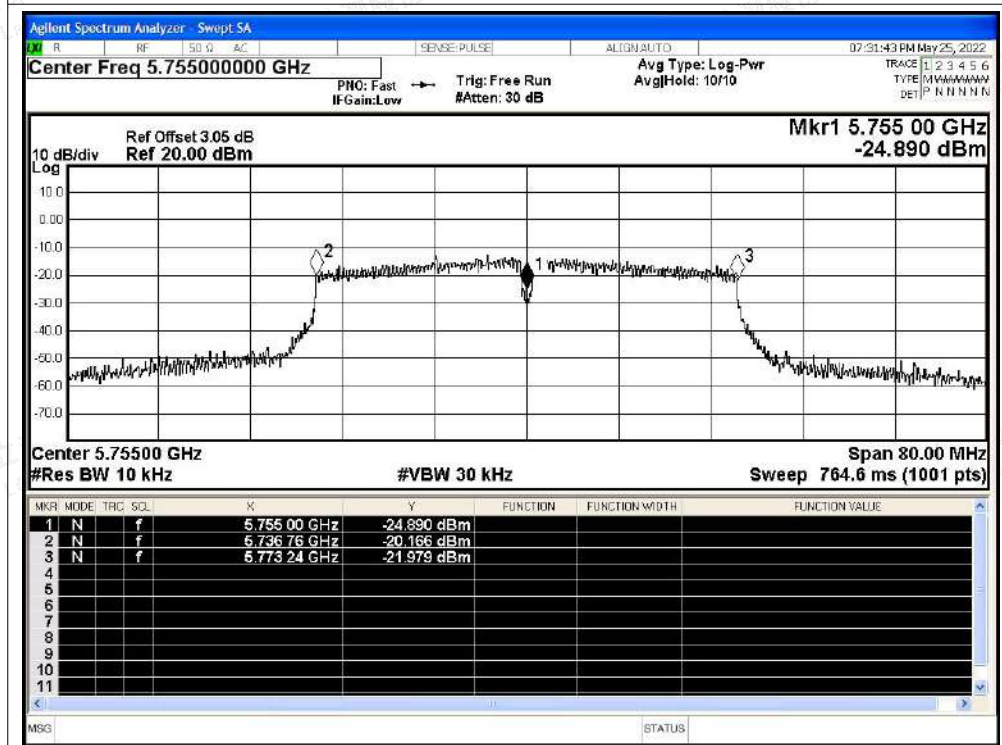


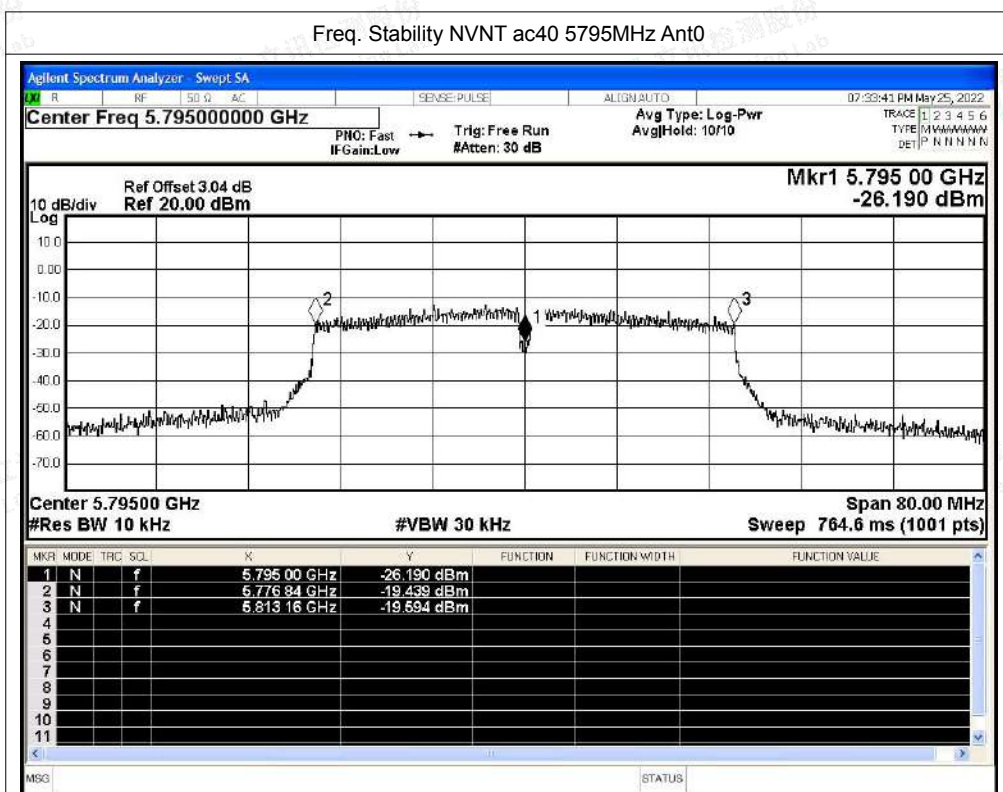
Freq. Stability NVNT ac20 5785MHz Ant0



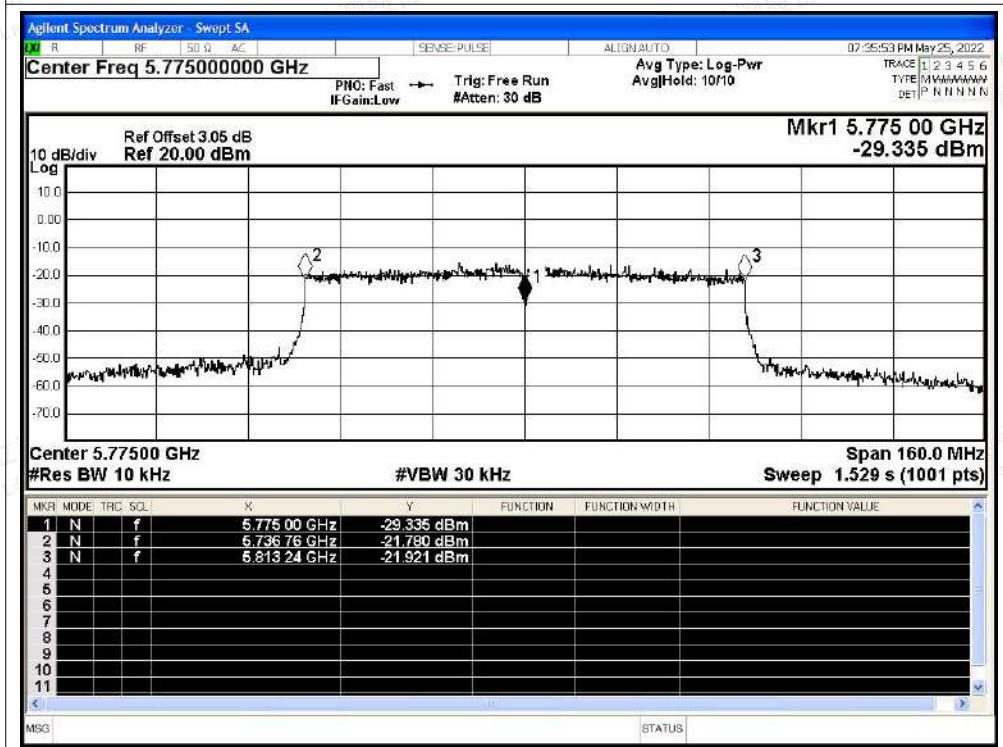


Freq. Stability NVNT ac40 5755MHz Ant0





Freq. Stability NVNT ac80 5775MHz Ant0





Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	25	Pass
NVNT	a	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	a	5825	Ant1	5825	0	0	25	Pass
NVNT	n20	5745	Ant1	5745	0	0	25	Pass
NVNT	n20	5785	Ant1	5784.98	-20000	-3.46	25	Pass
NVNT	n20	5825	Ant1	5824.98	-20000	-3.43	25	Pass
NVNT	n40	5755	Ant1	5755	0	0	25	Pass
NVNT	n40	5795	Ant1	5795	0	0	25	Pass
NVNT	ac20	5745	Ant1	5745	0	0	25	Pass
NVNT	ac20	5785	Ant1	5785	0	0	25	Pass
NVNT	ac20	5825	Ant1	5825	0	0	25	Pass
NVNT	ac40	5755	Ant1	5754.96	-40000	-6.95	25	Pass
NVNT	ac40	5795	Ant1	5794.96	-40000	-6.9	25	Pass
NVNT	ac80	5775	Ant1	5775	0	0	25	Pass



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