Appendix E

RF Test Data for 5.8GWIFI(Conducted Measurement)

Product Name: Wireless Live Streaming Camera

Test Model: LC10

Environmental Conditions

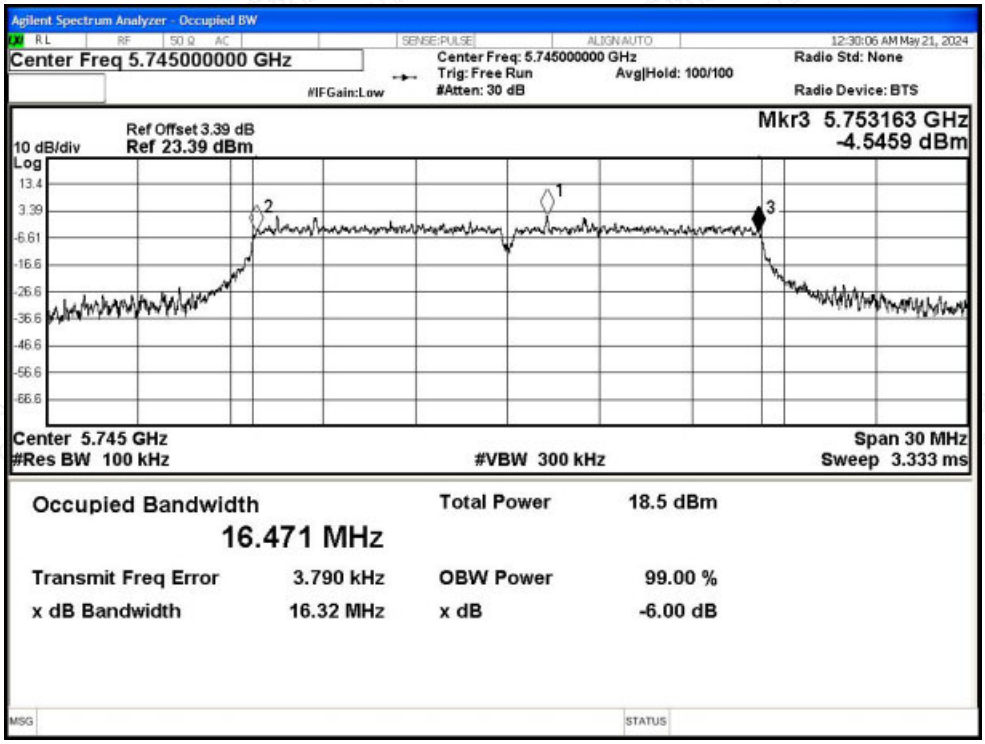
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Eason Zhou
Supervised by:	Nick Peng

E.1 -6dB Bandwidth

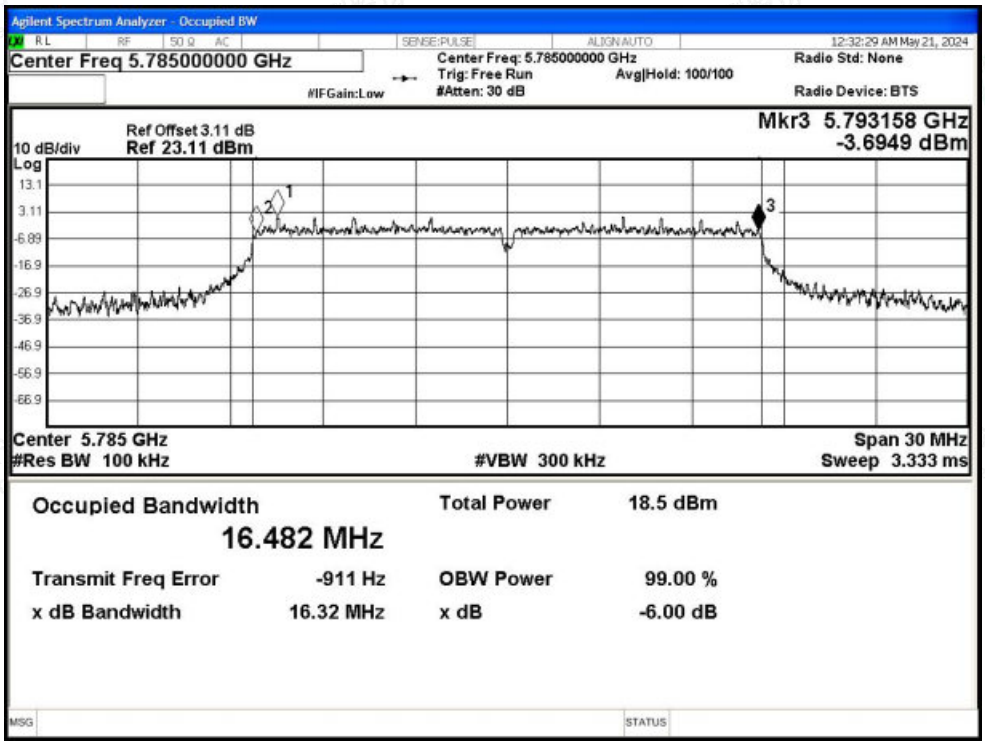
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.318	>=0.5	Pass
NVNT	a	5785	Ant1	16.319	>=0.5	Pass
NVNT	a	5825	Ant1	16.329	>=0.5	Pass
NVNT	n20	5745	Ant1	17.225	>=0.5	Pass
NVNT	n20	5785	Ant1	17.372	>=0.5	Pass
NVNT	n20	5825	Ant1	17.211	>=0.5	Pass
NVNT	n40	5755	Ant1	35.882	>=0.5	Pass
NVNT	n40	5795	Ant1	35.692	>=0.5	Pass
NVNT	ac20	5745	Ant1	17.533	>=0.5	Pass
NVNT	ac20	5785	Ant1	17.136	>=0.5	Pass
NVNT	ac20	5825	Ant1	17.281	>=0.5	Pass
NVNT	ac40	5755	Ant1	35.466	>=0.5	Pass
NVNT	ac40	5795	Ant1	36.003	>=0.5	Pass
NVNT	ac80	5775	Ant1	75.618	>=0.5	Pass

Test Graphs

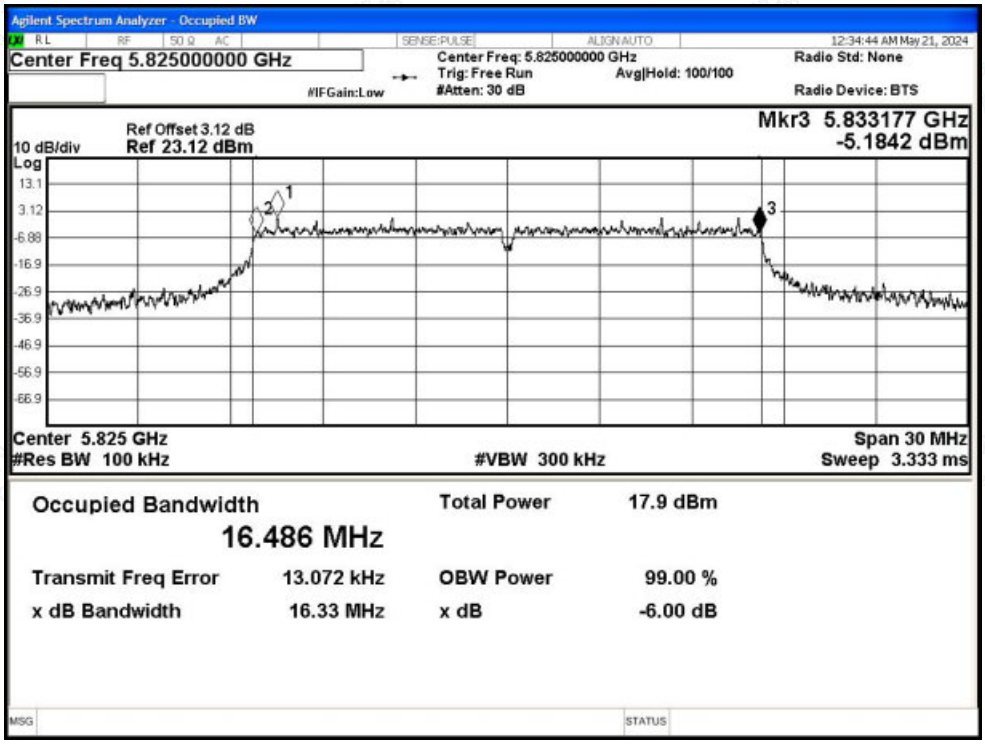
-6dB Bandwidth NVNT a 5745MHz Ant1



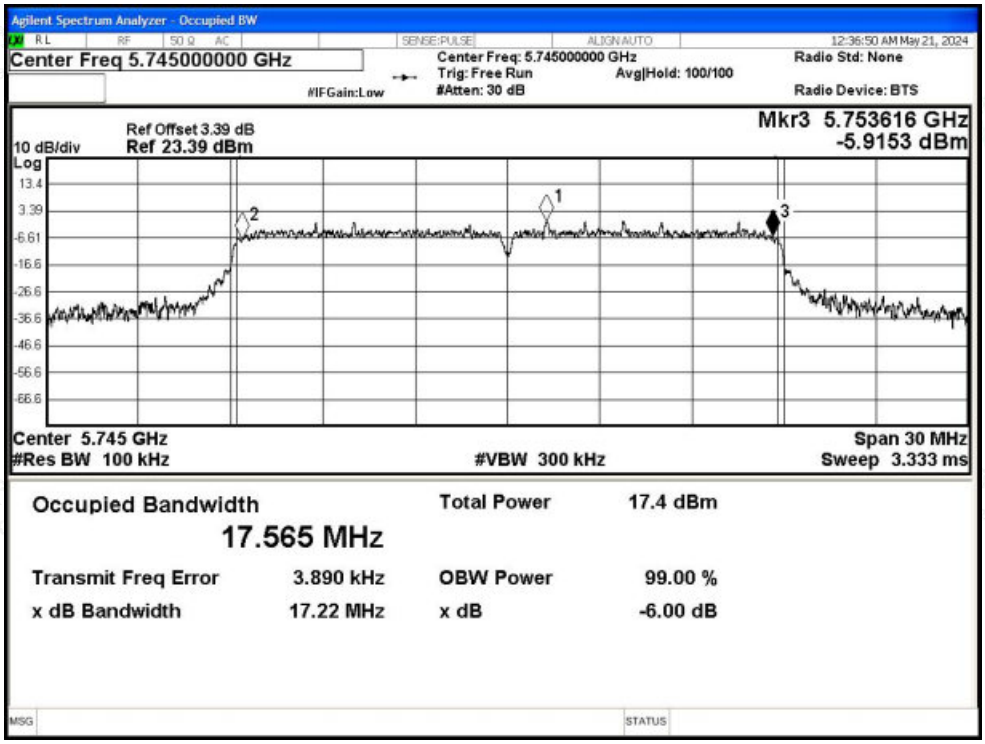
-6dB Bandwidth NVNT a 5785MHz Ant1



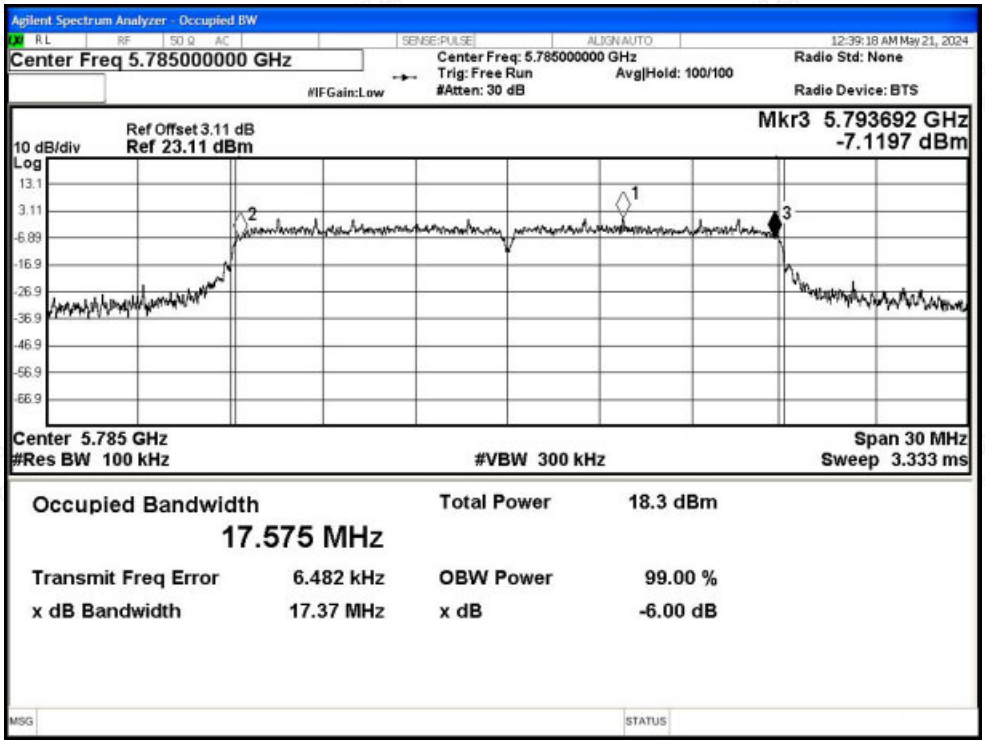
-6dB Bandwidth NVNT a 5825MHz Ant1



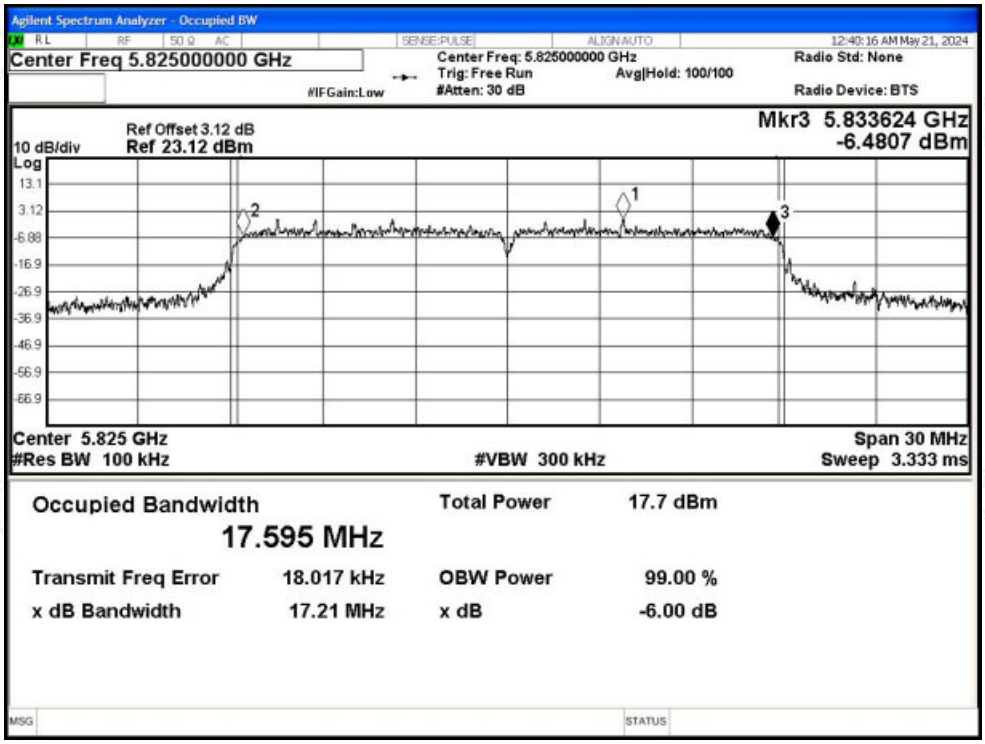
-6dB Bandwidth NVNT n20 5745MHz Ant1



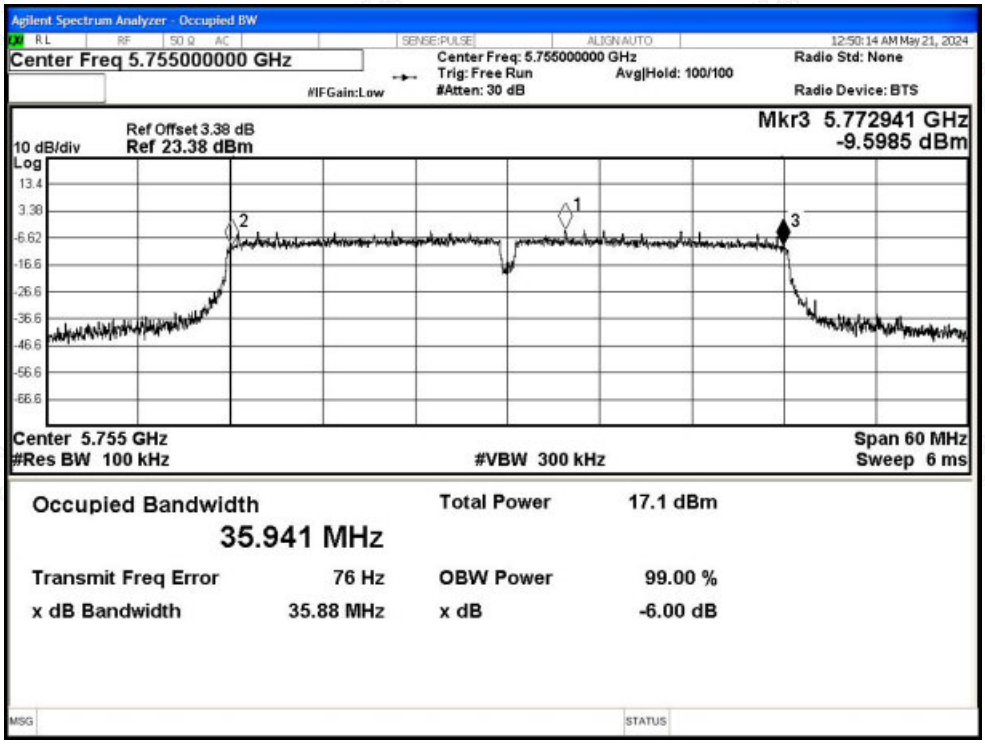
-6dB Bandwidth NVNT n20 5785MHz Ant1



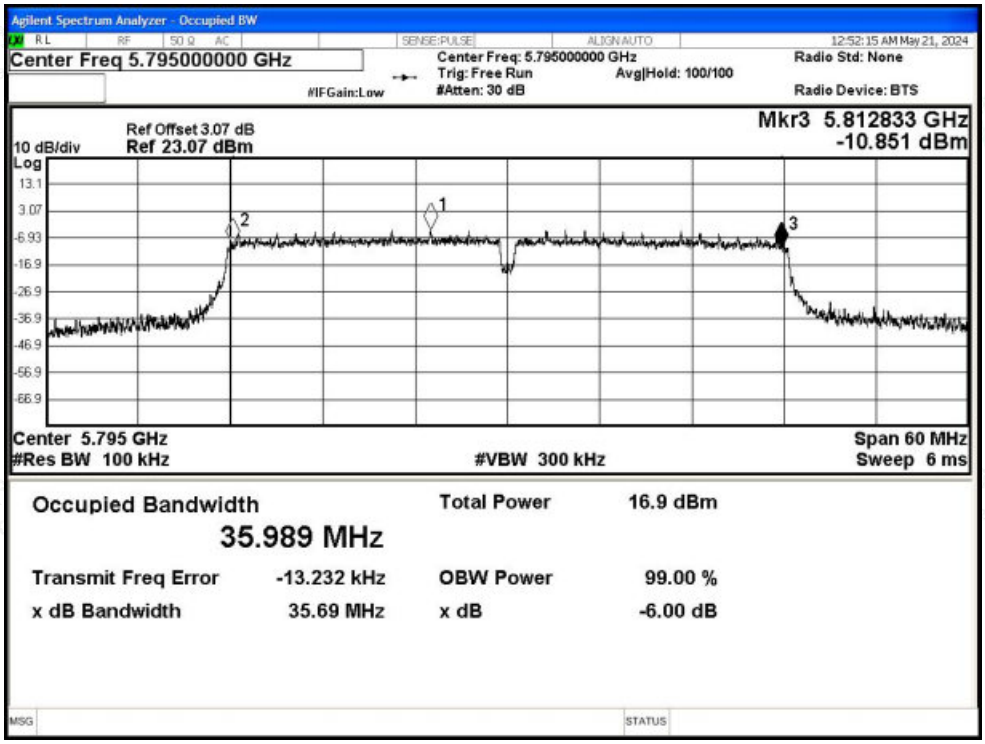
-6dB Bandwidth NVNT n20 5825MHz Ant1



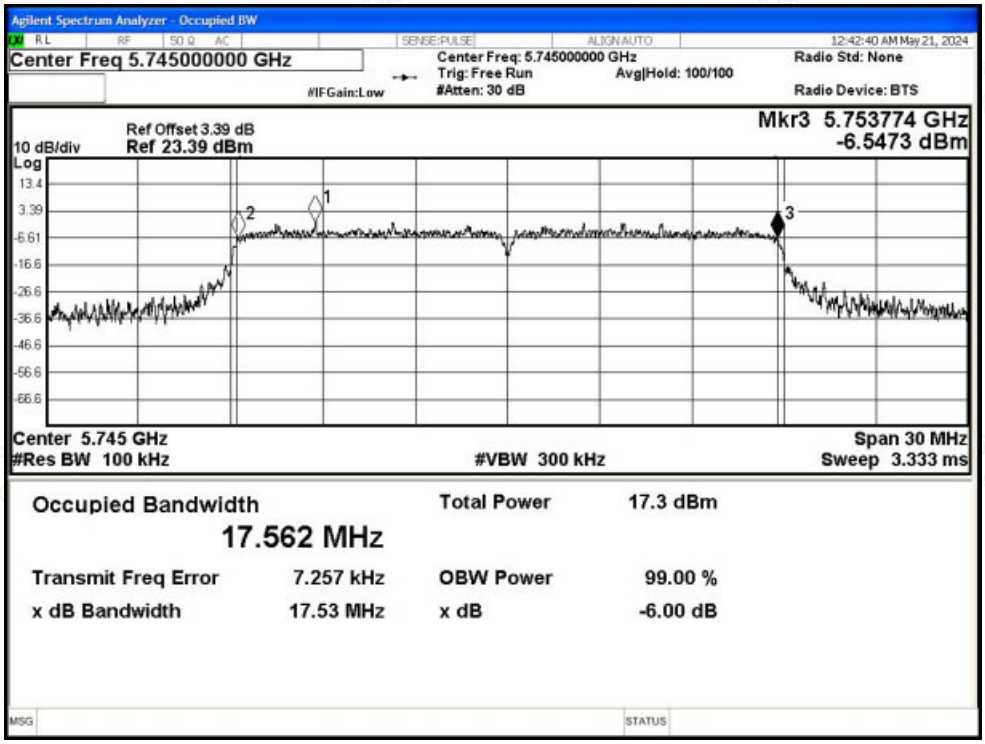
-6dB Bandwidth NVNT n40 5755MHz Ant1



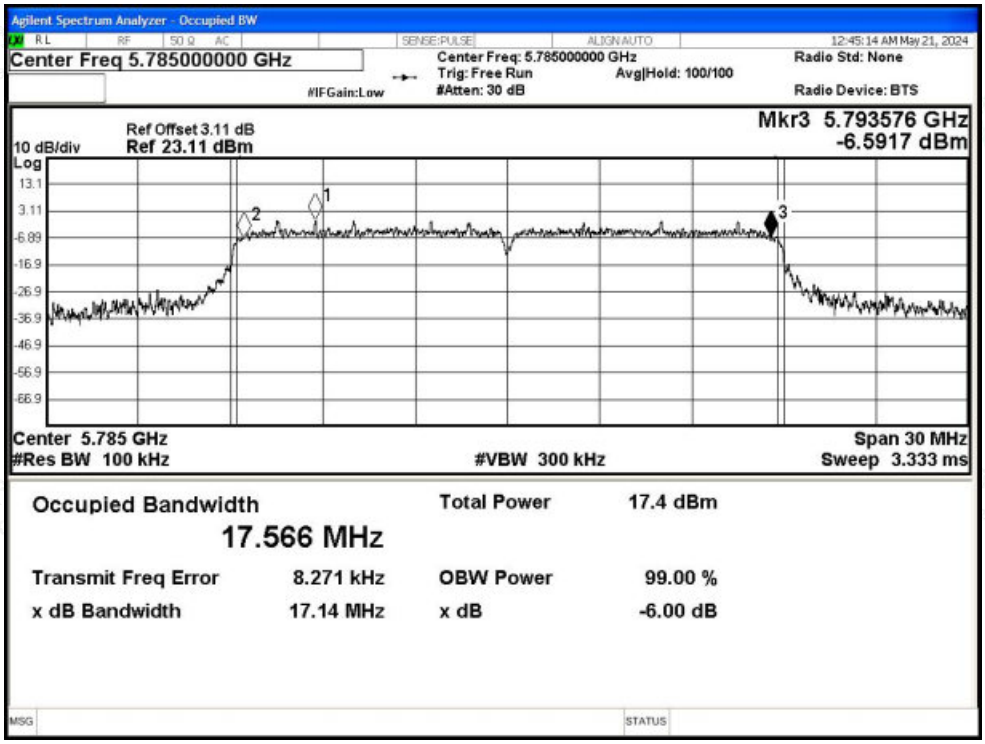
-6dB Bandwidth NVNT n40 5795MHz Ant1



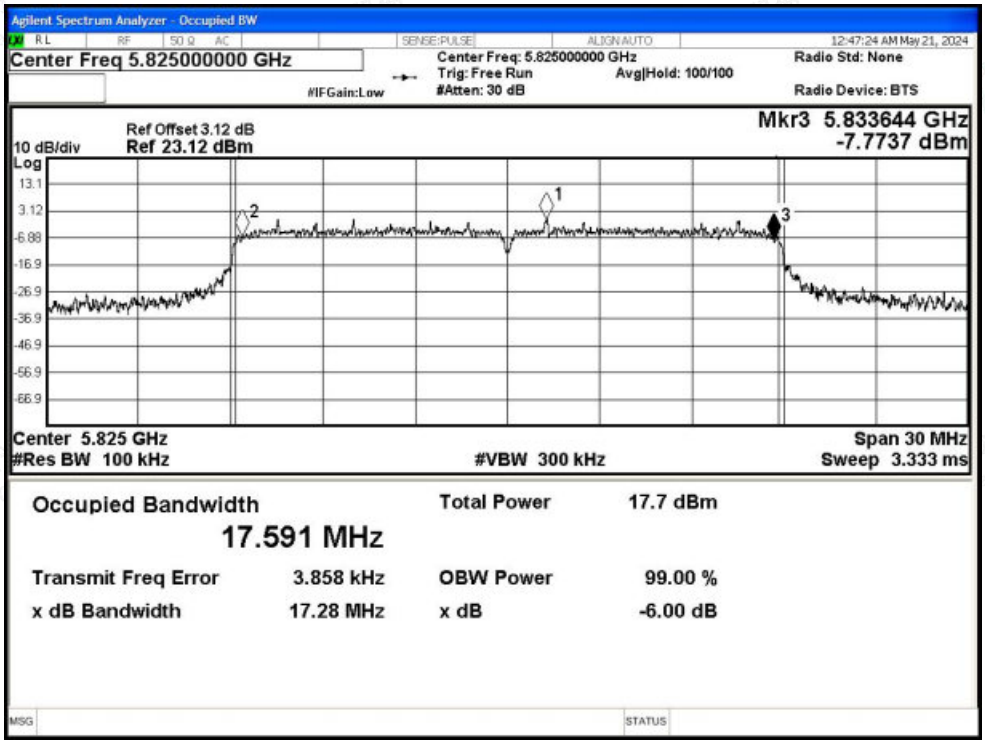
-6dB Bandwidth NVNT ac20 5745MHz Ant1



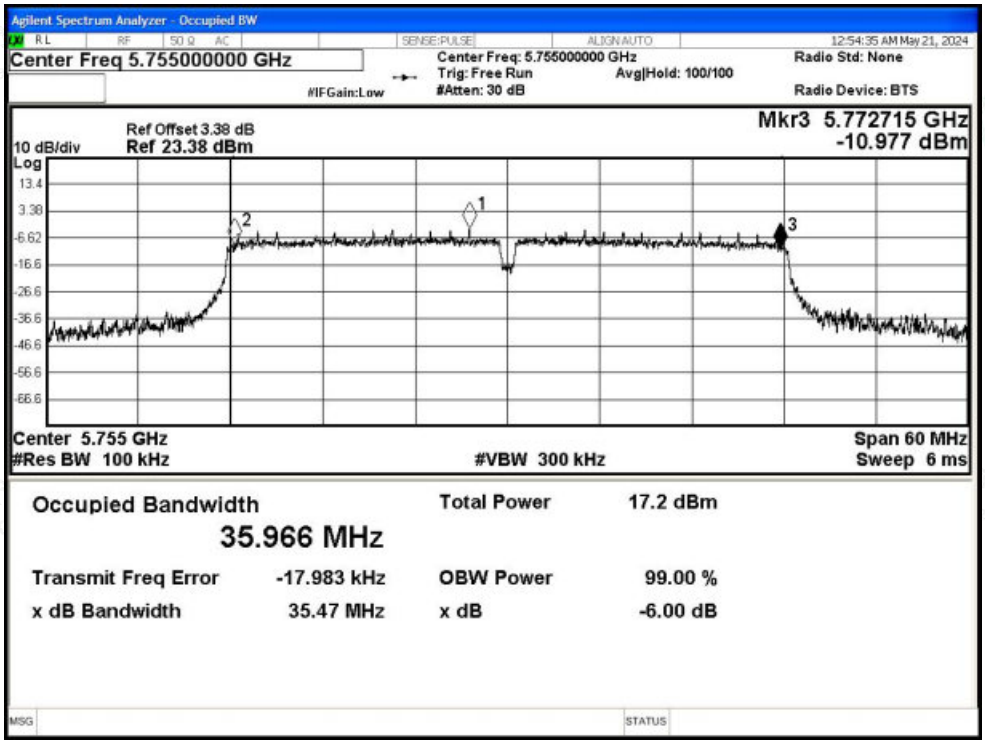
-6dB Bandwidth NVNT ac20 5785MHz Ant1



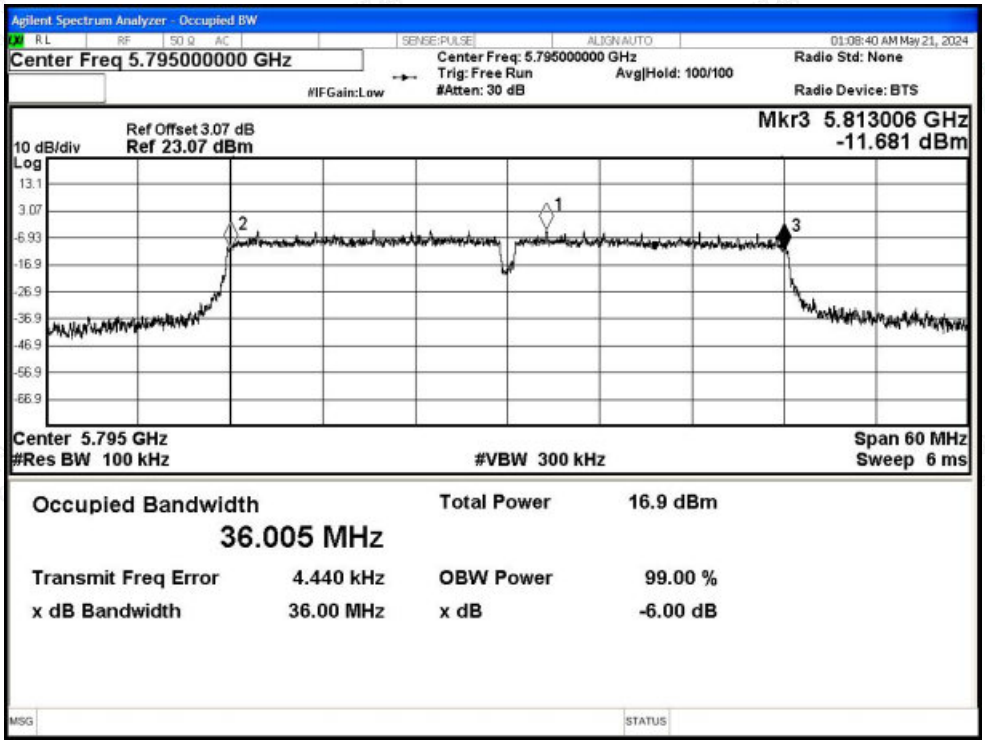
-6dB Bandwidth NVNT ac20 5825MHz Ant1



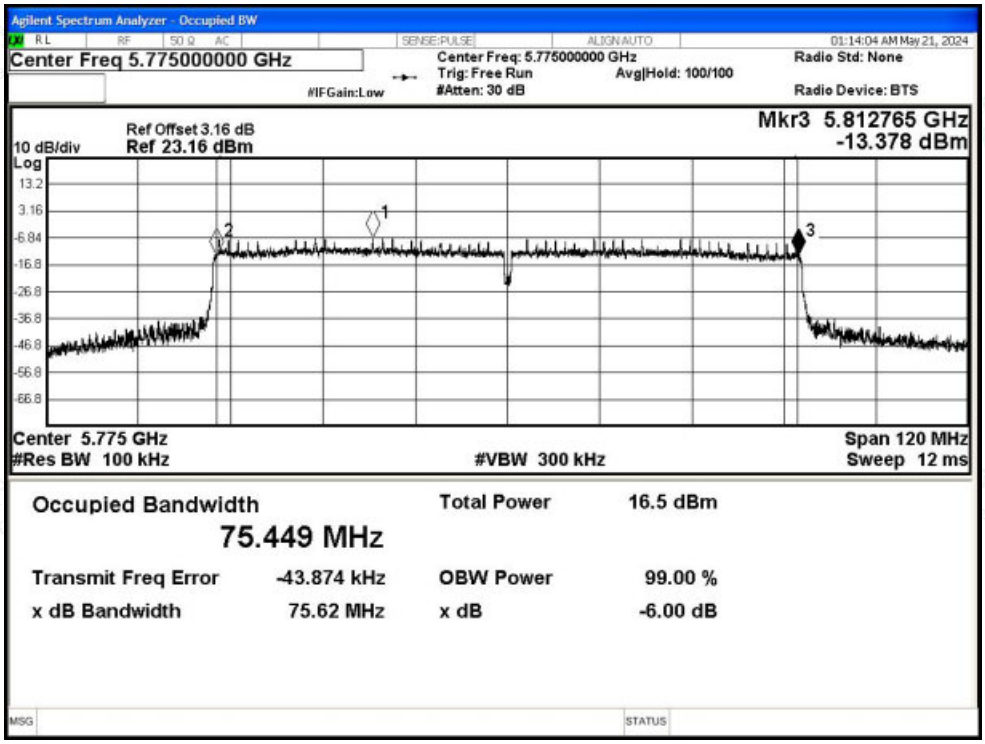
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



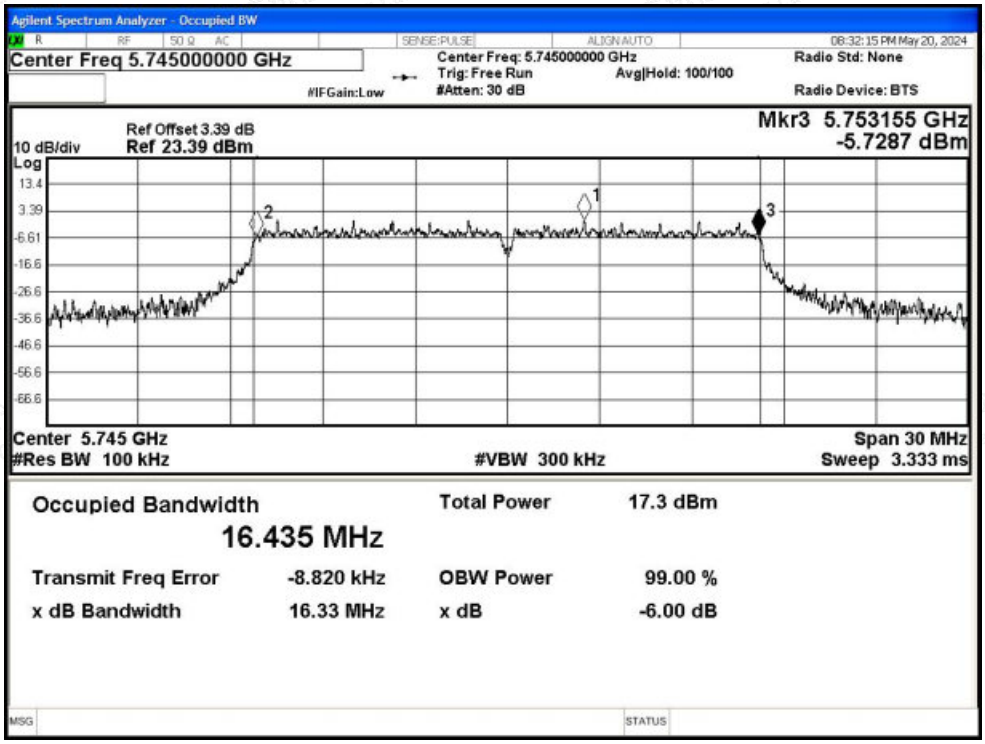
-6dB Bandwidth NVNT ac80 5775MHz Ant1



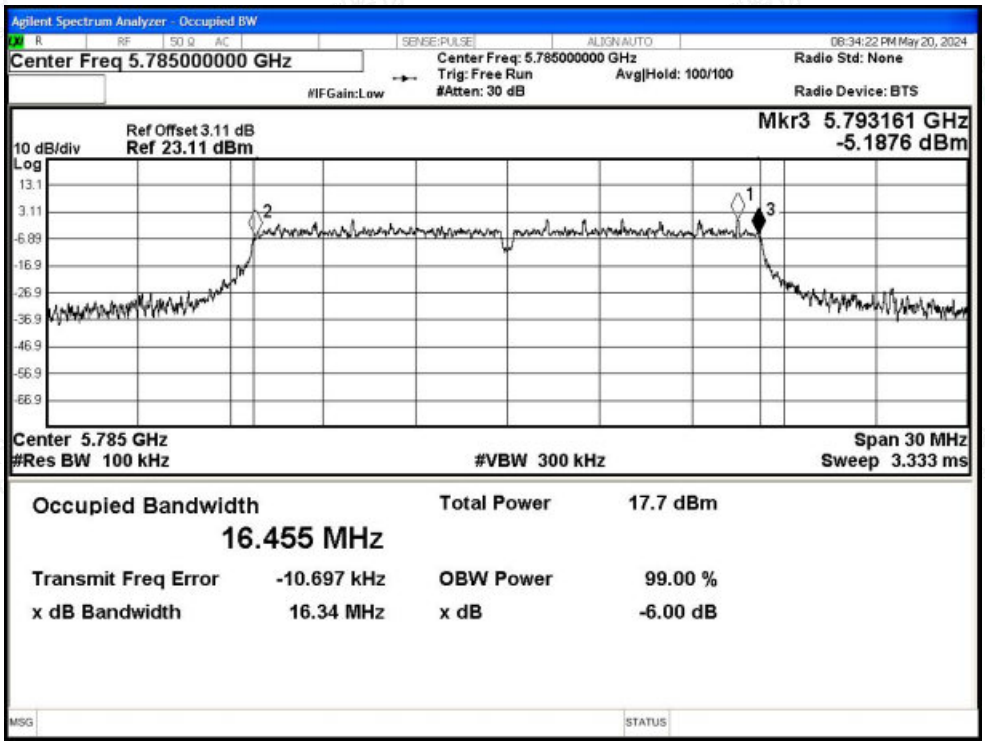
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	16.327	>=0.5	Pass
NVNT	a	5785	Ant2	16.343	>=0.5	Pass
NVNT	a	5825	Ant2	16.337	>=0.5	Pass
NVNT	n20	5745	Ant2	17.533	>=0.5	Pass
NVNT	n20	5785	Ant2	17.531	>=0.5	Pass
NVNT	n20	5825	Ant2	17.287	>=0.5	Pass
NVNT	n40	5755	Ant2	36.153	>=0.5	Pass
NVNT	n40	5795	Ant2	36.251	>=0.5	Pass
NVNT	ac20	5745	Ant2	17.399	>=0.5	Pass
NVNT	ac20	5785	Ant2	17	>=0.5	Pass
NVNT	ac20	5825	Ant2	17.182	>=0.5	Pass
NVNT	ac40	5755	Ant2	36.426	>=0.5	Pass
NVNT	ac40	5795	Ant2	36.301	>=0.5	Pass
NVNT	ac80	5775	Ant2	75.577	>=0.5	Pass

Test Graphs

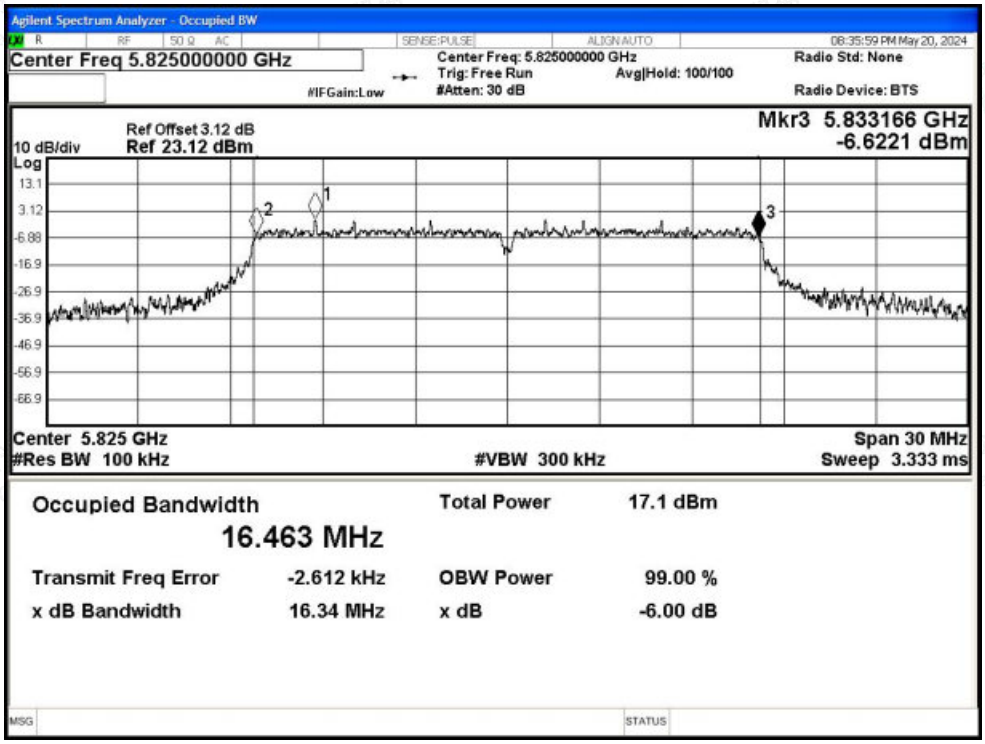
-6dB Bandwidth NVNT a 5745MHz Ant2



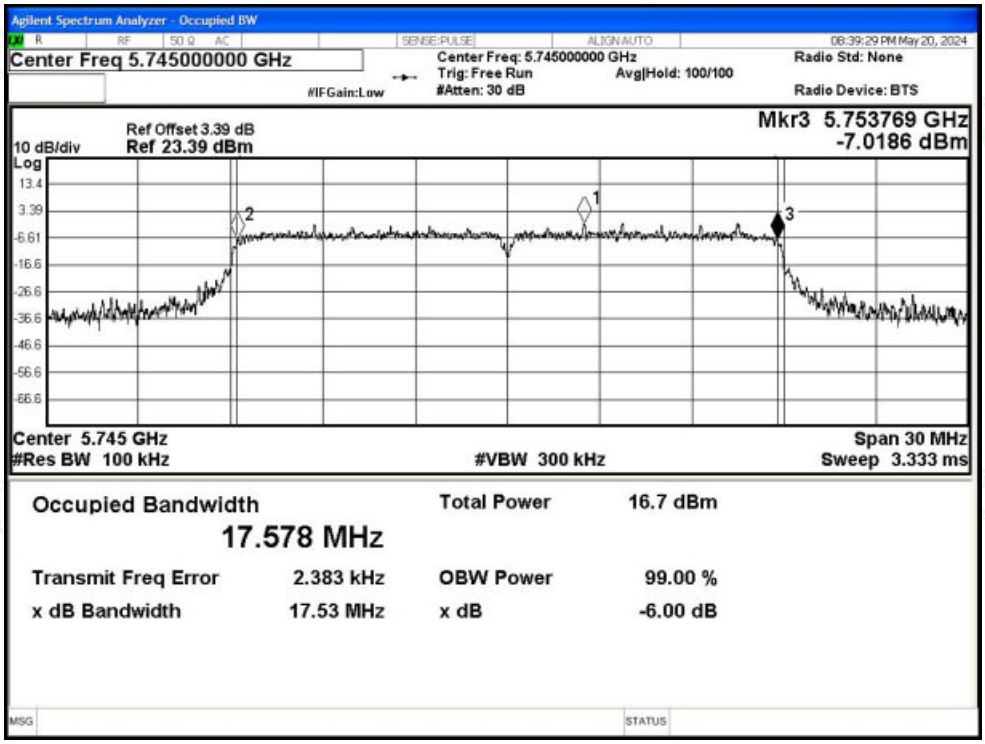
-6dB Bandwidth NVNT a 5785MHz Ant2



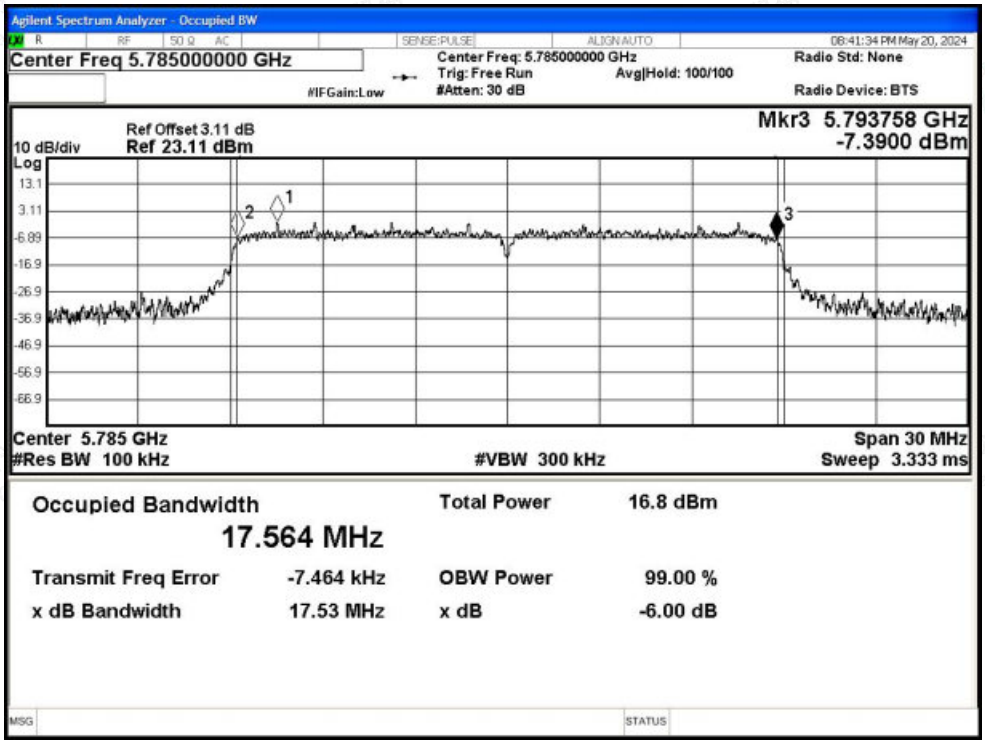
-6dB Bandwidth NVNT a 5825MHz Ant2



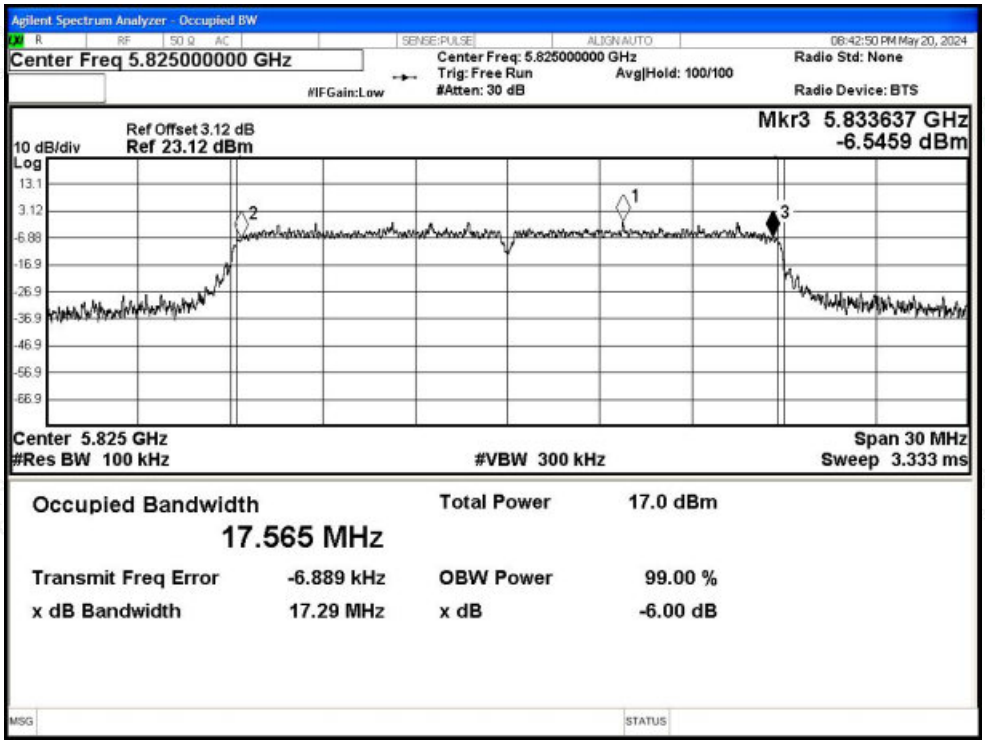
-6dB Bandwidth NVNT n20 5745MHz Ant2



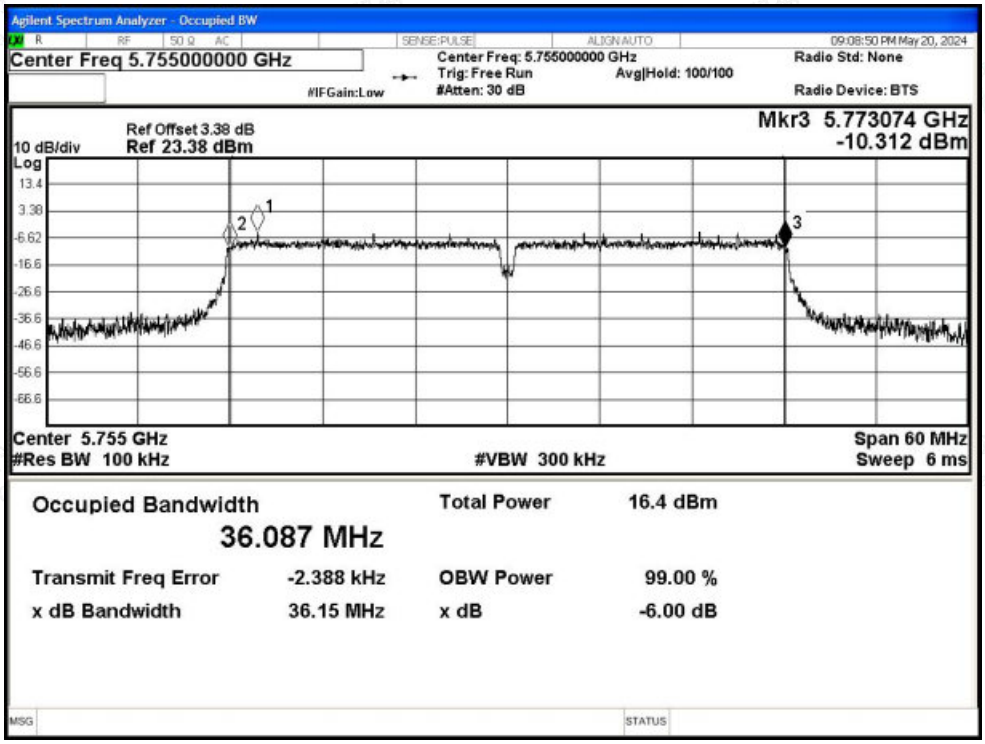
-6dB Bandwidth NVNT n20 5785MHz Ant2



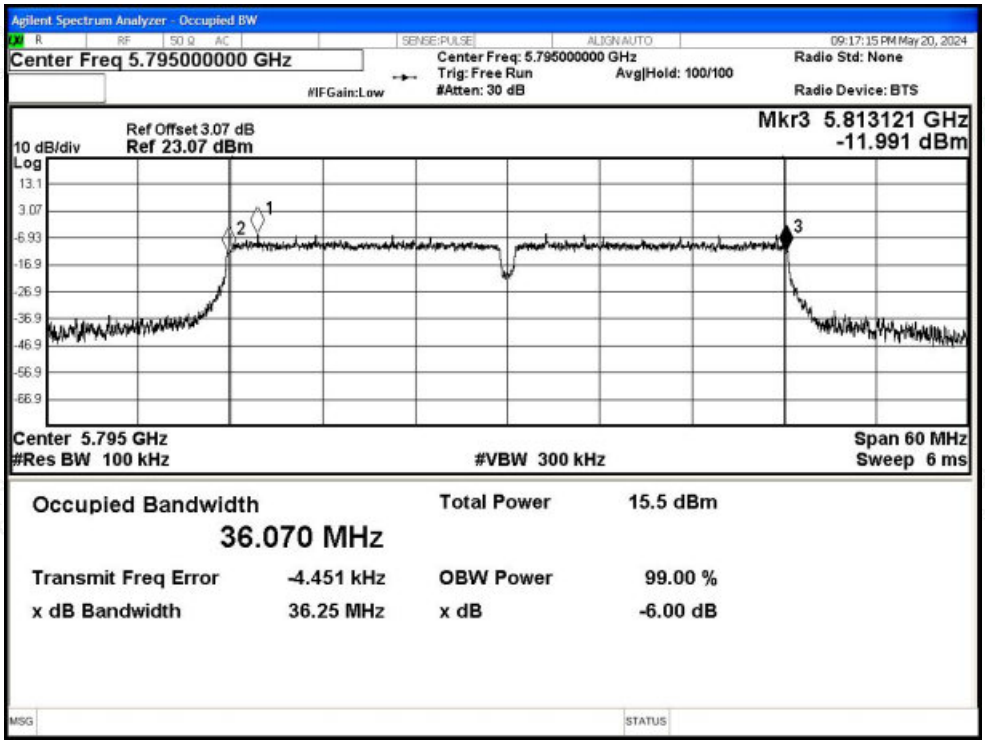
-6dB Bandwidth NVNT n20 5825MHz Ant2



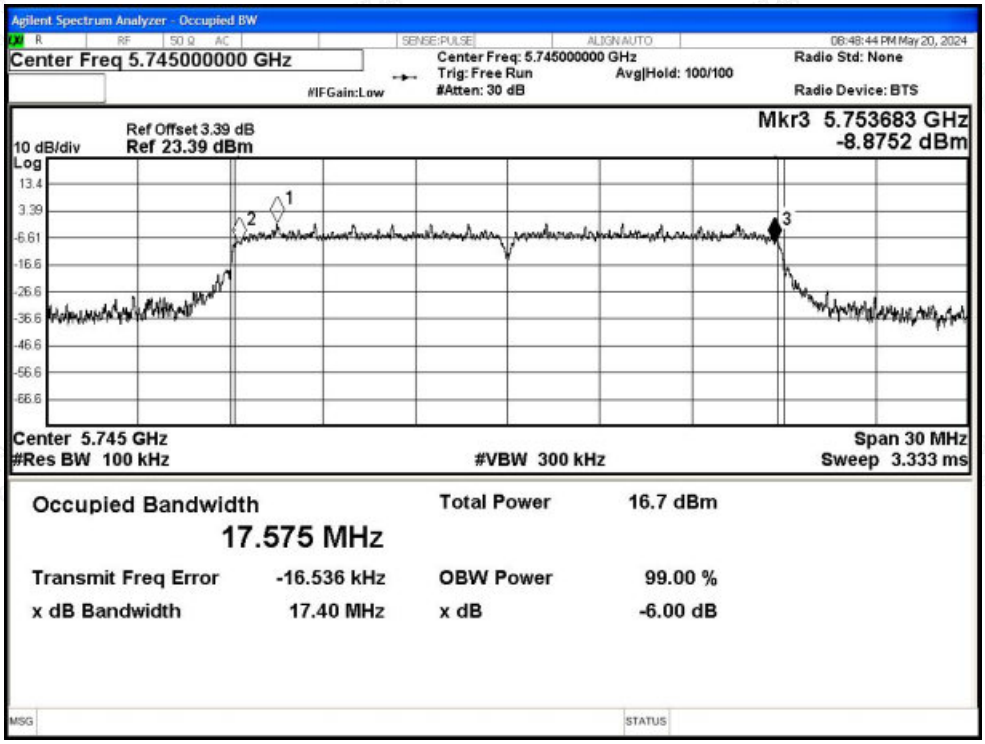
-6dB Bandwidth NVNT n40 5755MHz Ant2



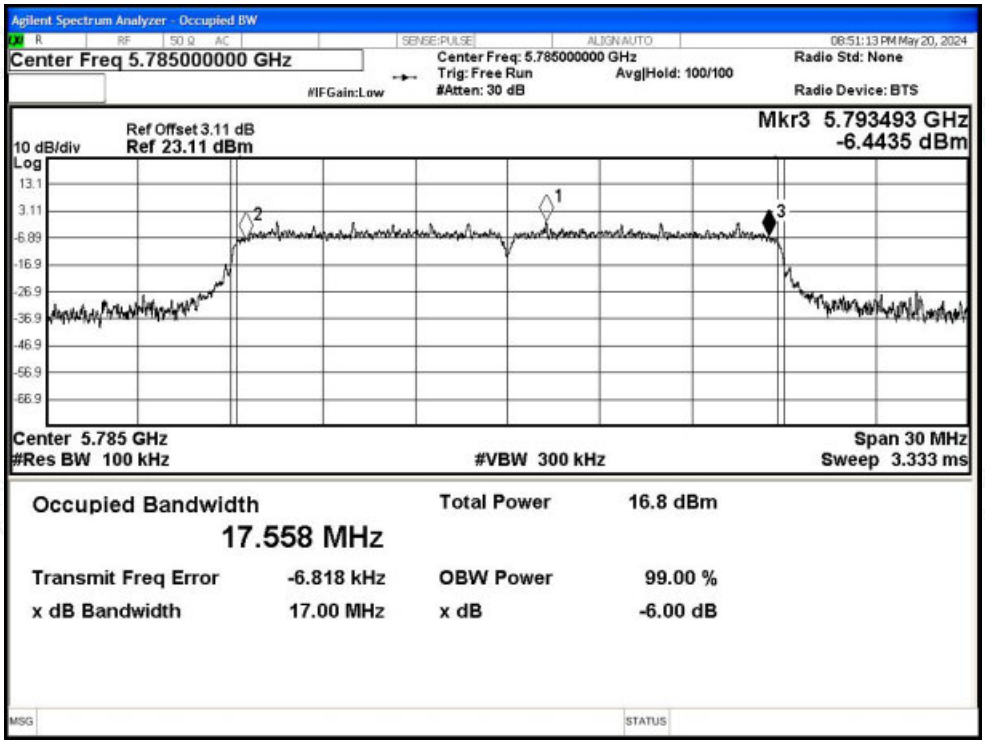
-6dB Bandwidth NVNT n40 5795MHz Ant2



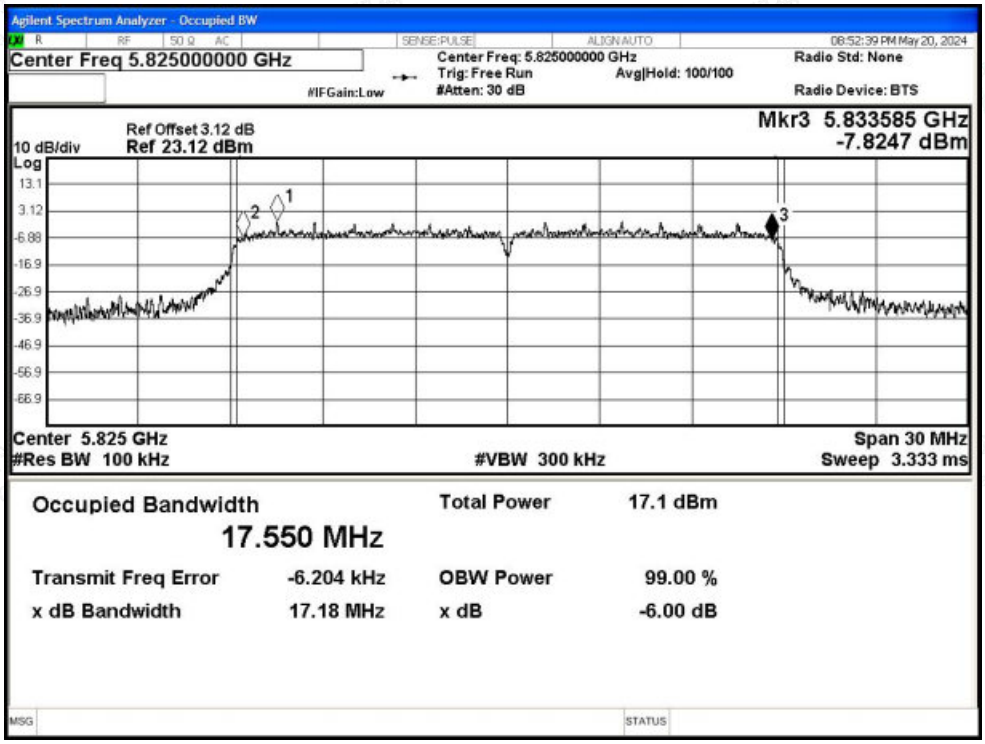
-6dB Bandwidth NVNT ac20 5745MHz Ant2



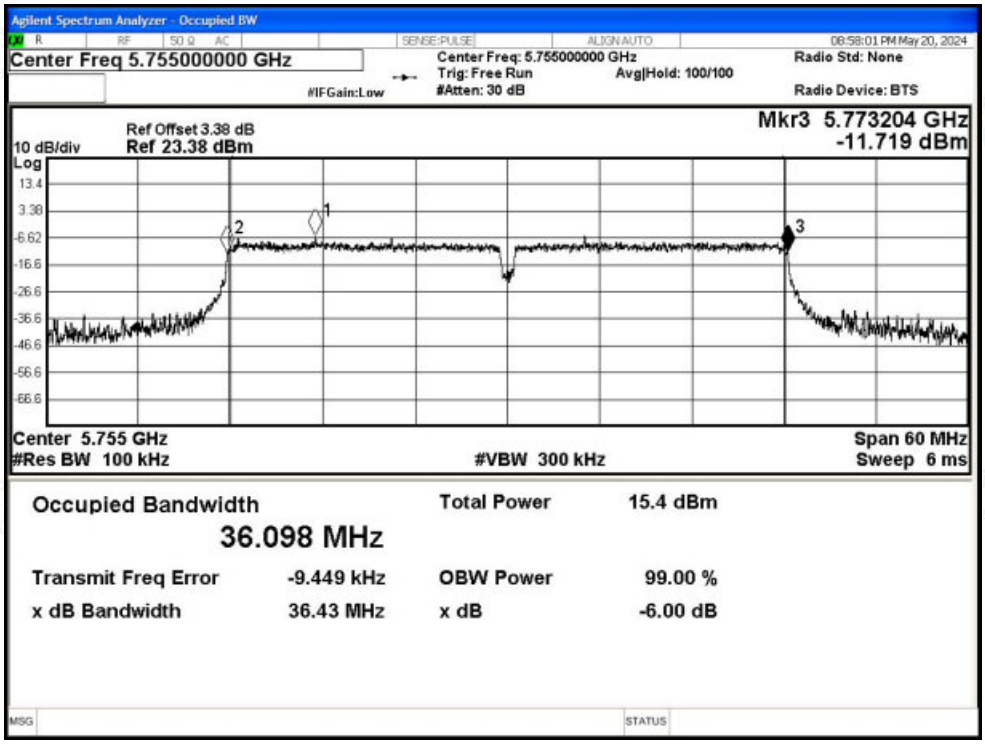
-6dB Bandwidth NVNT ac20 5785MHz Ant2



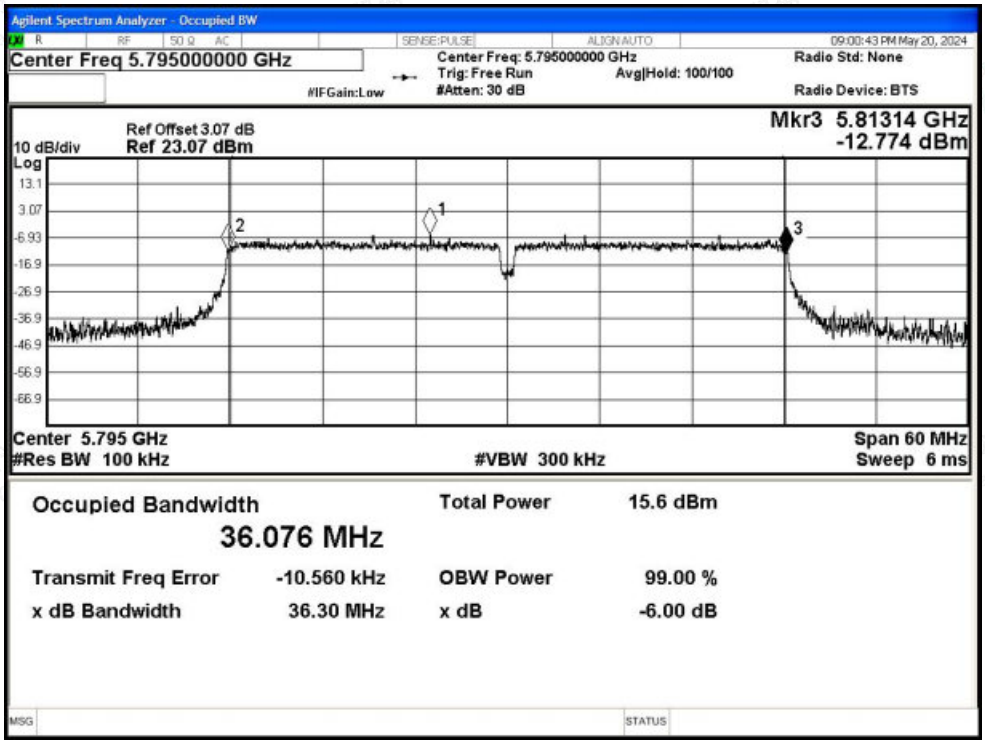
-6dB Bandwidth NVNT ac20 5825MHz Ant2



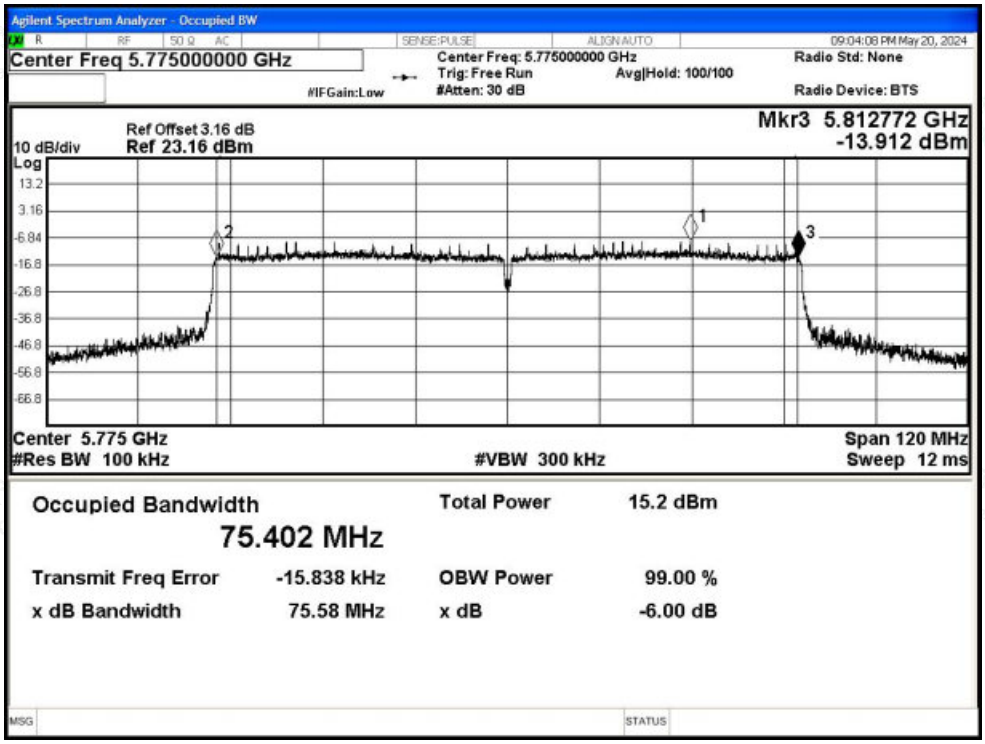
-6dB Bandwidth NVNT ac40 5755MHz Ant2



-6dB Bandwidth NVNT ac40 5795MHz Ant2



-6dB Bandwidth NVNT ac80 5775MHz Ant2



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	Ant1	12.6	0.24	12.84	30	Pass
NVNT	a	5785	Ant1	12.47	0.24	12.71	30	Pass
NVNT	a	5825	Ant1	11.86	0.24	12.1	30	Pass
NVNT	n20	5745	Ant1	11.01	0.28	11.29	30	Pass
NVNT	n20	5785	Ant1	11.87	0.28	12.15	30	Pass
NVNT	n20	5825	Ant1	11.24	0.28	11.52	30	Pass
NVNT	n40	5755	Ant1	10.3	0.38	10.68	30	Pass
NVNT	n40	5795	Ant1	10.2	0.38	10.58	30	Pass
NVNT	ac20	5745	Ant1	11	0.28	11.28	30	Pass
NVNT	ac20	5785	Ant1	11.04	0.28	11.32	30	Pass
NVNT	ac20	5825	Ant1	11.29	0.28	11.57	30	Pass
NVNT	ac40	5755	Ant1	10.44	0.37	10.81	30	Pass
NVNT	ac40	5795	Ant1	9.99	0.38	10.37	30	Pass
NVNT	ac80	5775	Ant1	9.16	0.47	9.63	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	11.2	0.24	11.44	30	Pass
NVNT	a	5785	Ant2	11.67	0.24	11.91	30	Pass
NVNT	a	5825	Ant2	11.34	0.24	11.58	30	Pass
NVNT	n20	5745	Ant2	10.35	0.28	10.63	30	Pass
NVNT	n20	5785	Ant2	10.35	0.28	10.63	30	Pass
NVNT	n20	5825	Ant2	10.58	0.28	10.86	30	Pass
NVNT	n40	5755	Ant2	9.01	0.12	9.13	30	Pass
NVNT	n40	5795	Ant2	9.15	0.12	9.27	30	Pass
NVNT	ac20	5745	Ant2	10.18	0.28	10.46	30	Pass
NVNT	ac20	5785	Ant2	10.36	0.28	10.64	30	Pass
NVNT	ac20	5825	Ant2	10.65	0.28	10.93	30	Pass
NVNT	ac40	5755	Ant2	9.19	0.12	9.31	30	Pass
NVNT	ac40	5795	Ant2	9.23	0.12	9.35	30	Pass
NVNT	ac80	5775	Ant2	8.41	0.25	8.66	30	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5745	11.29	10.63	13.98	29.6	Pass
NVNT	n20	5785	12.15	10.63	14.47	29.6	Pass
NVNT	n20	5825	11.52	10.86	14.21	29.6	Pass
NVNT	n40	5755	10.68	9.13	12.98	29.6	Pass
NVNT	n40	5795	10.58	9.27	12.98	29.6	Pass
NVNT	ac20	5745	11.28	10.46	13.90	29.6	Pass
NVNT	ac20	5785	11.32	10.64	14.00	29.6	Pass
NVNT	ac20	5825	11.57	10.93	14.27	29.6	Pass
NVNT	ac40	5755	10.81	9.31	13.13	29.6	Pass
NVNT	ac40	5795	10.37	9.35	12.90	29.6	Pass
NVNT	ac80	5775	9.63	8.66	12.18	29.6	Pass

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	Ant1	-0.99	0.24	-0.75	30	Pass
NVNT	a	5785	Ant1	-1.02	0.24	-0.78	30	Pass
NVNT	a	5825	Ant1	-1.82	0.24	-1.58	30	Pass
NVNT	n20	5745	Ant1	-2.72	0.28	-2.44	30	Pass
NVNT	n20	5785	Ant1	-1.93	0.28	-1.65	30	Pass
NVNT	n20	5825	Ant1	-2.66	0.28	-2.38	30	Pass
NVNT	n40	5755	Ant1	-5.98	0.38	-5.6	30	Pass
NVNT	n40	5795	Ant1	-6.39	0.38	-6.01	30	Pass
NVNT	ac20	5745	Ant1	-3.02	0.28	-2.74	30	Pass
NVNT	ac20	5785	Ant1	-2.55	0.28	-2.27	30	Pass
NVNT	ac20	5825	Ant1	-2.52	0.28	-2.24	30	Pass
NVNT	ac40	5755	Ant1	-6.46	0.37	-6.09	30	Pass
NVNT	ac40	5795	Ant1	-6.59	0.38	-6.21	30	Pass
NVNT	ac80	5775	Ant1	-10.4	0.47	-9.93	30	Pass

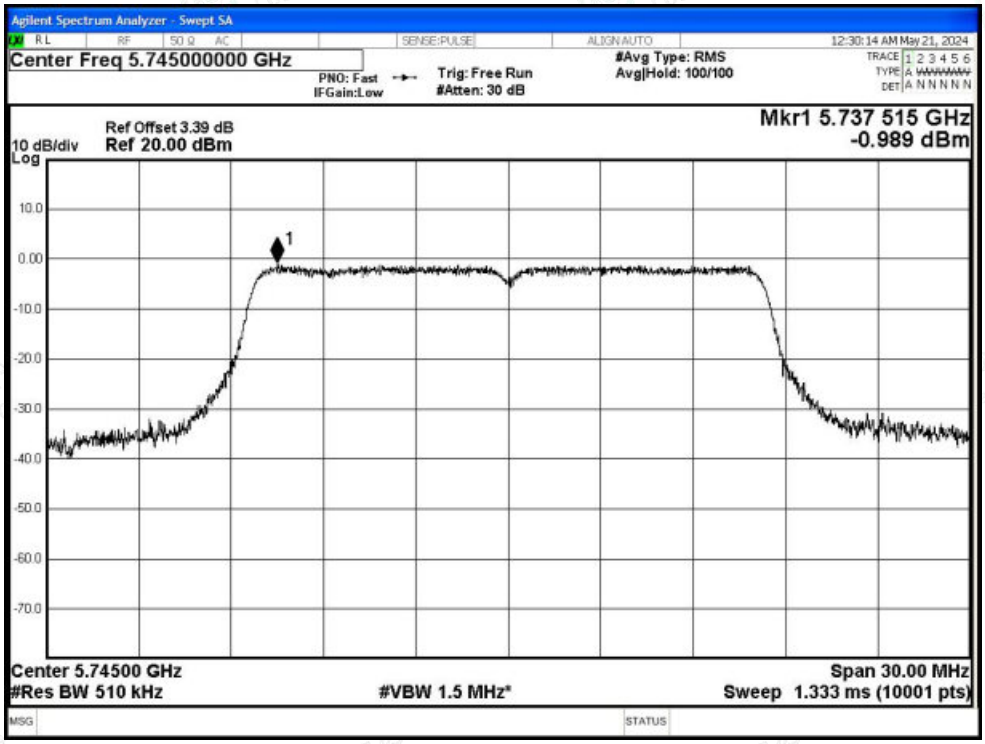
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant2	-2.42	0.24	-2.18	30	Pass
NVNT	a	5785	Ant2	-1.95	0.24	-1.71	30	Pass
NVNT	a	5825	Ant2	-2.22	0.24	-1.98	30	Pass
NVNT	n20	5745	Ant2	-3.72	0.28	-3.44	30	Pass
NVNT	n20	5785	Ant2	-3.55	0.28	-3.27	30	Pass
NVNT	n20	5825	Ant2	-3.28	0.28	-3	30	Pass
NVNT	n40	5755	Ant2	-7.83	0.12	-7.71	30	Pass
NVNT	n40	5795	Ant2	-7.85	0.12	-7.73	30	Pass
NVNT	ac20	5745	Ant2	-3.82	0.28	-3.54	30	Pass
NVNT	ac20	5785	Ant2	-3.28	0.28	-3	30	Pass
NVNT	ac20	5825	Ant2	-3.24	0.28	-2.96	30	Pass
NVNT	ac40	5755	Ant2	-7.63	0.12	-7.51	30	Pass
NVNT	ac40	5795	Ant2	-7.74	0.12	-7.62	30	Pass
NVNT	ac80	5775	Ant2	-11.45	0.25	-11.2	30	Pass

MIMO

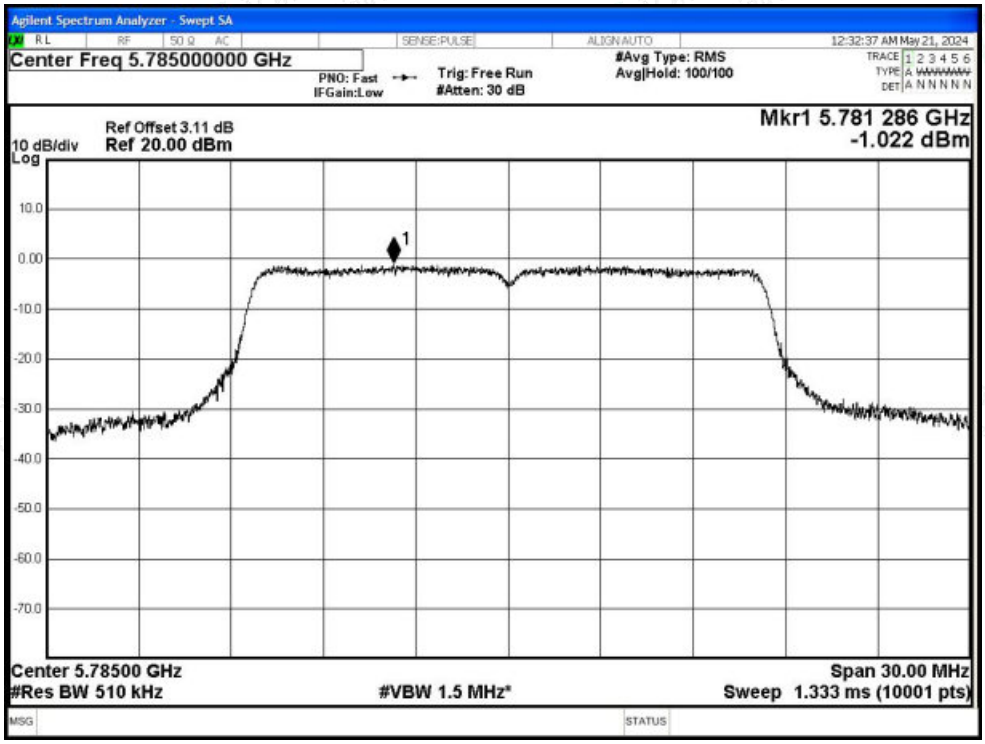
Condition	Mode	Frequency (MHz)	Total PSD (dBm/500KHz)			Limit (dBm/500KHz)	Verdict
			Ant1	Ant2	Ant1+Ant2		
NVNT	n20	5745	-2.44	-3.44	0.10	29.6	Pass
NVNT	n20	5785	-1.65	-3.27	0.63	29.6	Pass
NVNT	n20	5825	-2.38	-3	0.33	29.6	Pass
NVNT	n40	5755	-5.6	-7.71	-3.52	29.6	Pass
NVNT	n40	5795	-6.01	-7.73	-3.78	29.6	Pass
NVNT	ac20	5745	-2.74	-3.54	-0.11	29.6	Pass
NVNT	ac20	5785	-2.27	-3	0.39	29.6	Pass
NVNT	ac20	5825	-2.24	-2.96	0.43	29.6	Pass
NVNT	ac40	5755	-6.09	-7.51	-3.73	29.6	Pass
NVNT	ac40	5795	-6.21	-7.62	-3.85	29.6	Pass
NVNT	ac80	5775	-9.93	-11.2	-7.51	29.6	Pass

Test Graphs

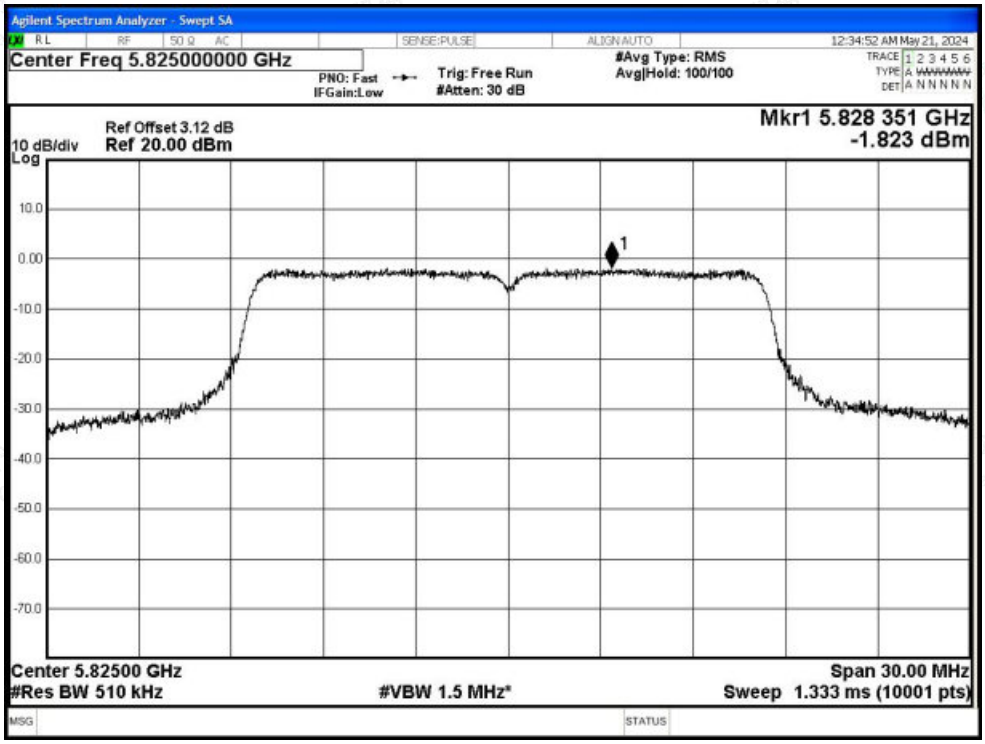
PSD NVNT a 5745MHz Ant1



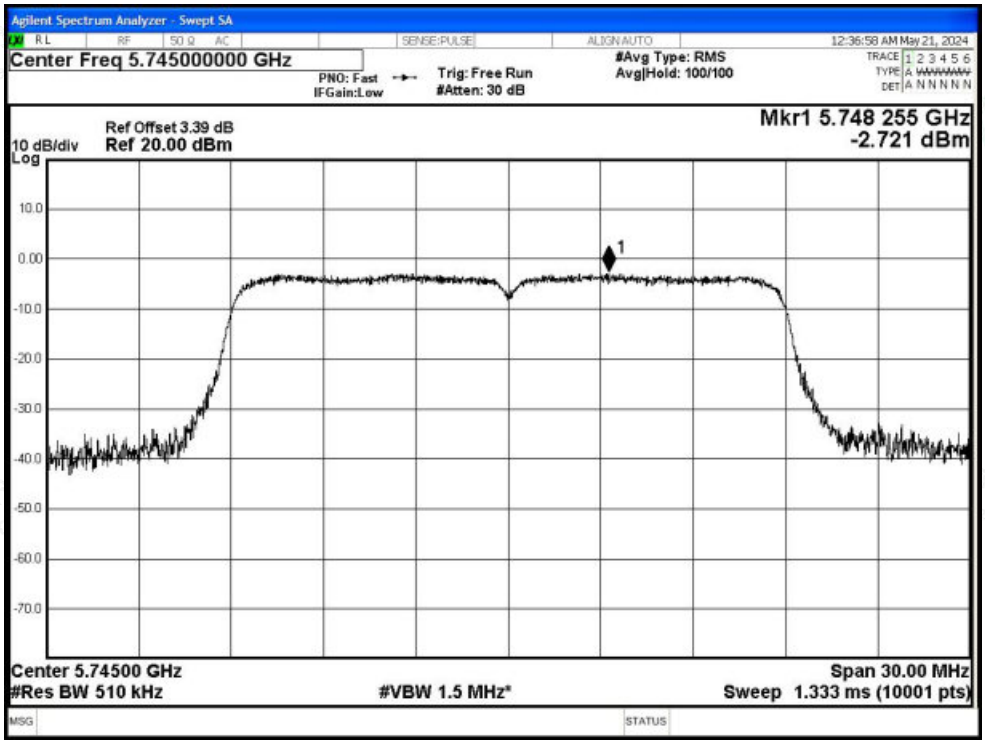
PSD NVNT a 5785MHz Ant1



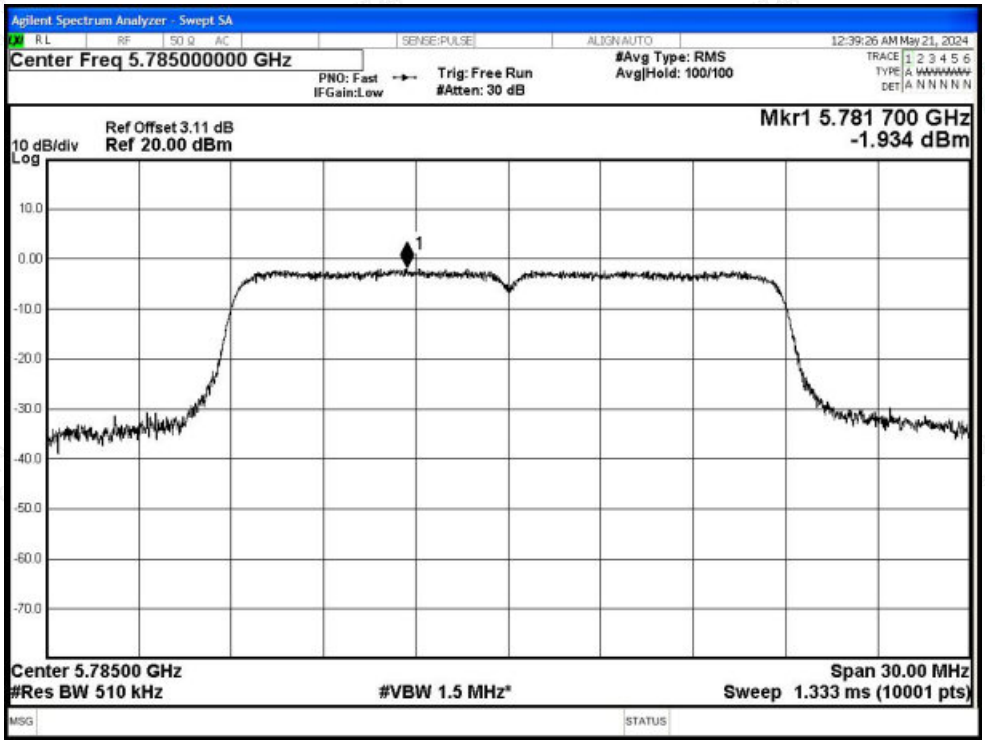
PSD NVNT a 5825MHz Ant1



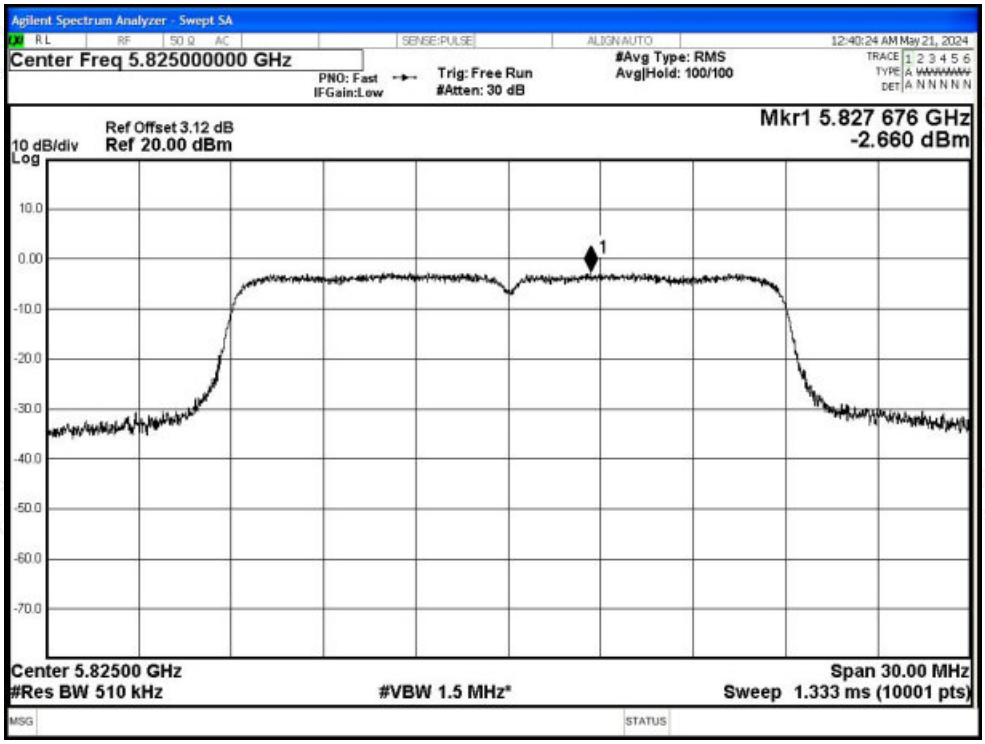
PSD NVNT n20 5745MHz Ant1



PSD NVNT n20 5785MHz Ant1



PSD NVNT n20 5825MHz Ant1



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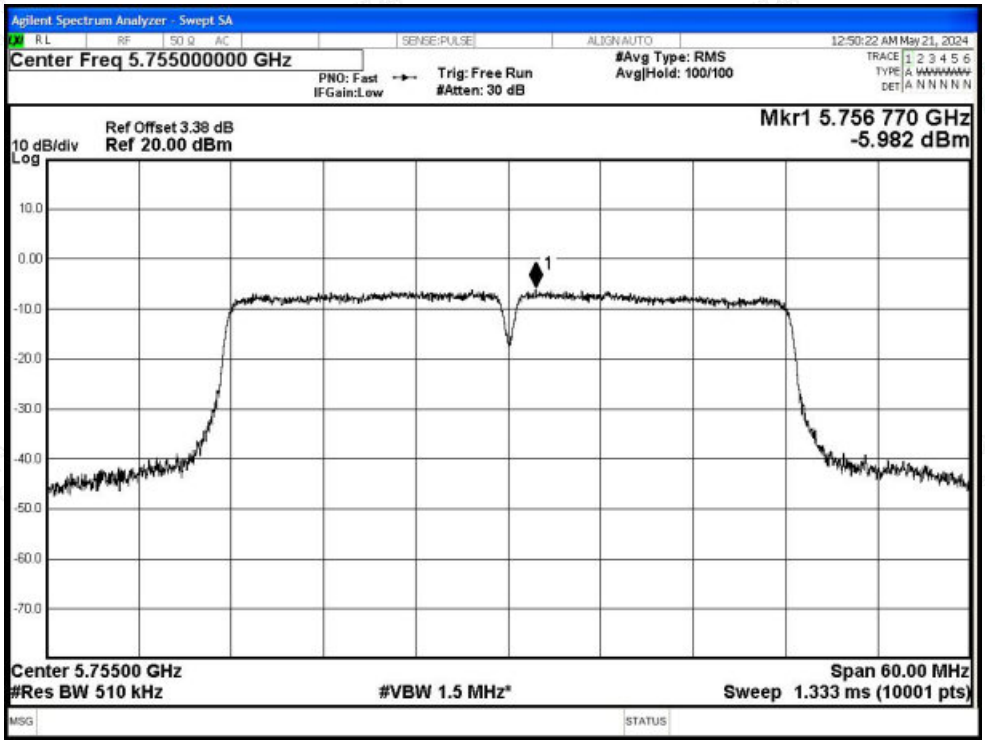

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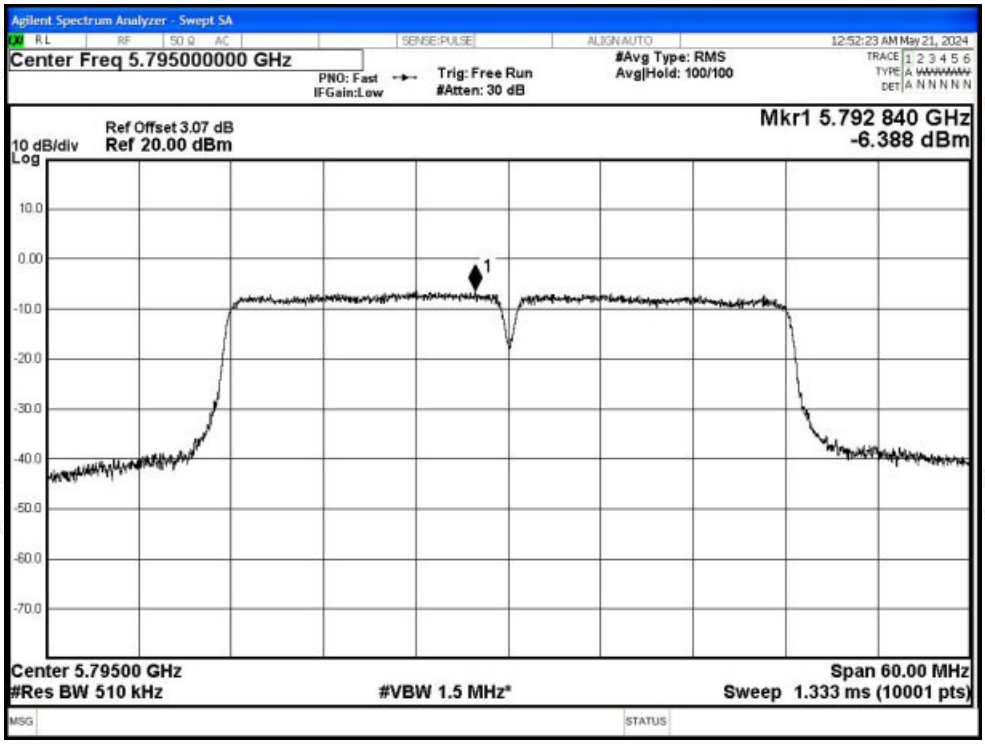
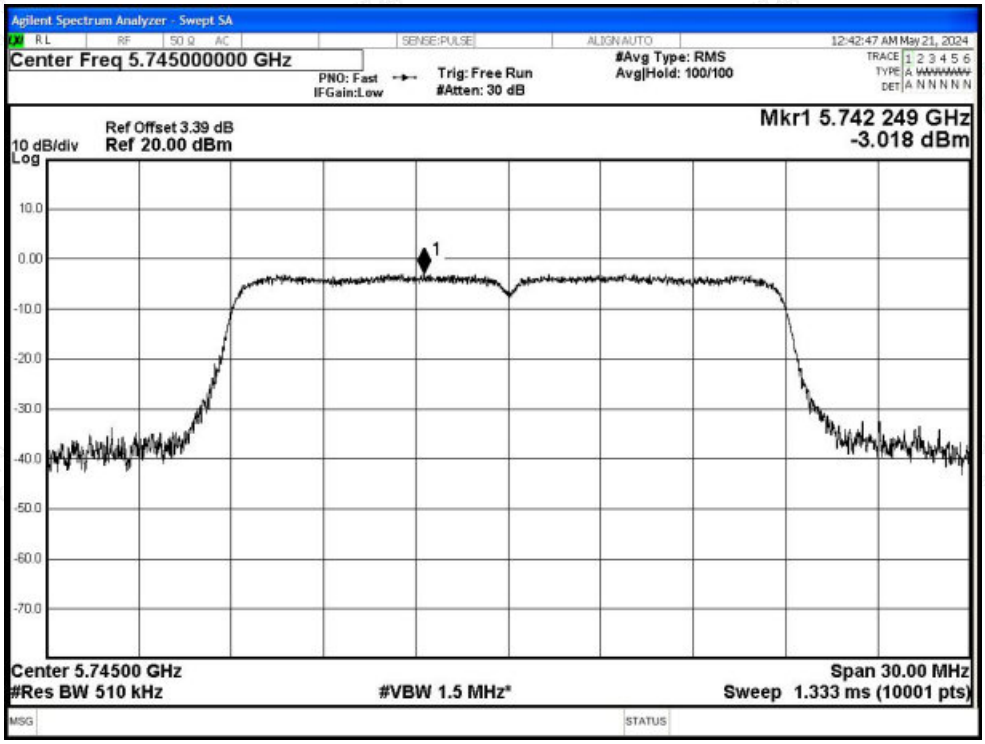
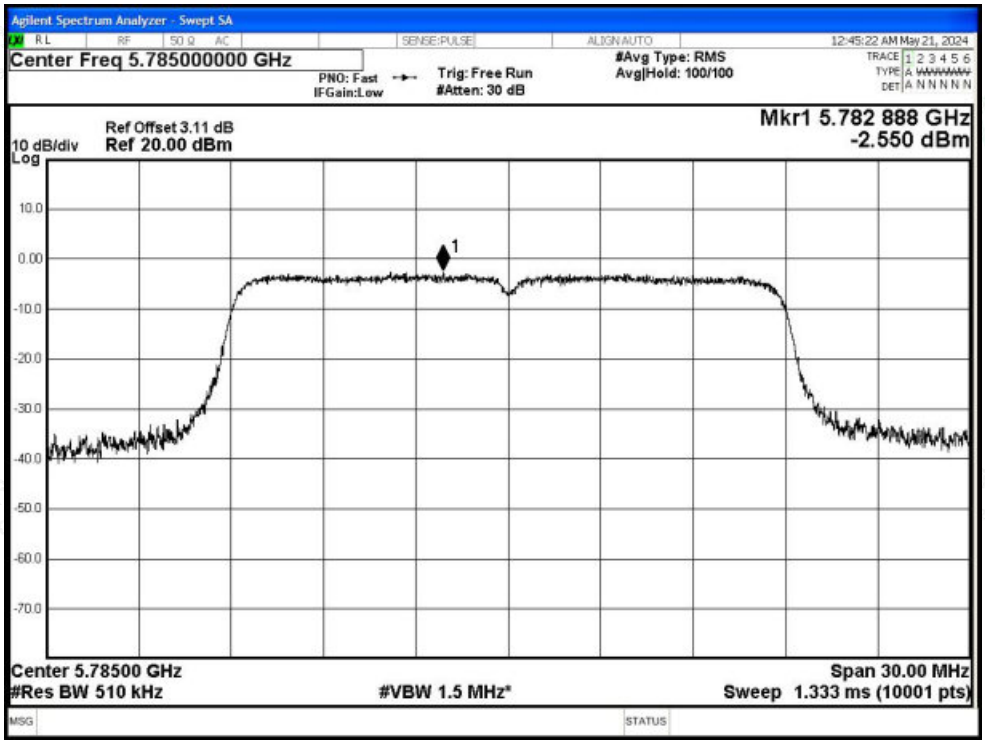


PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



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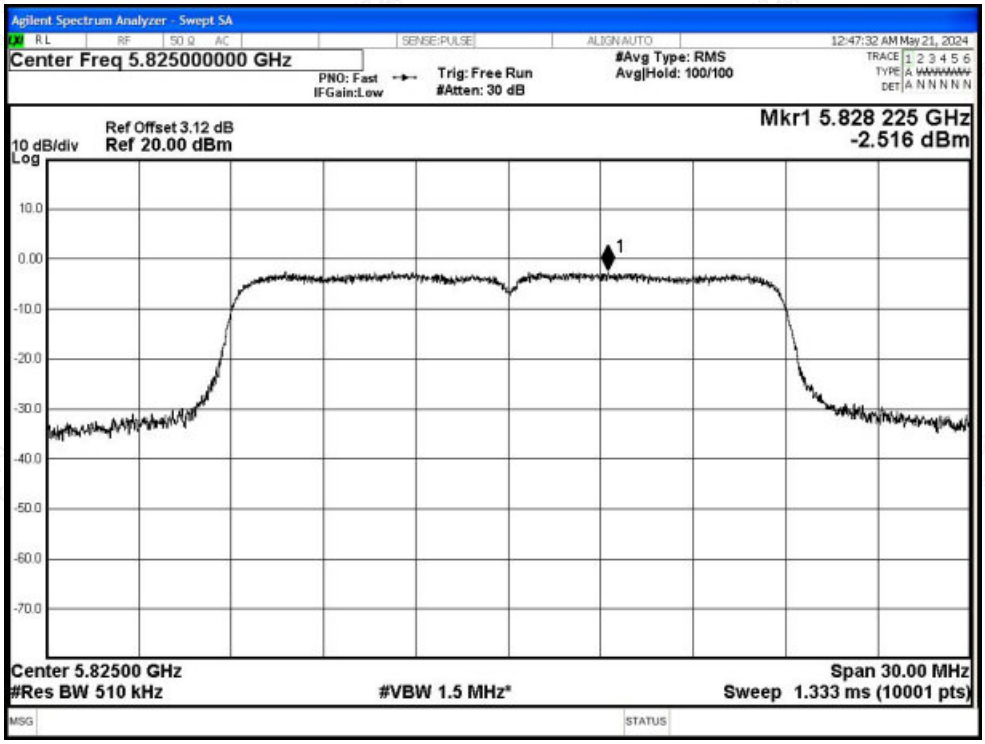
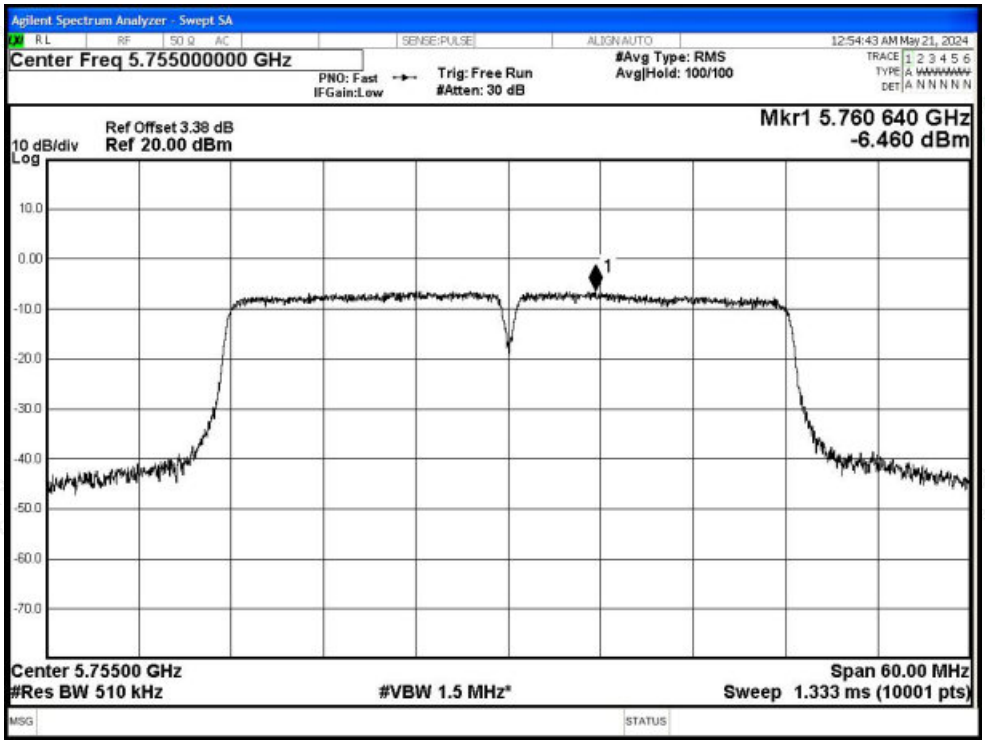
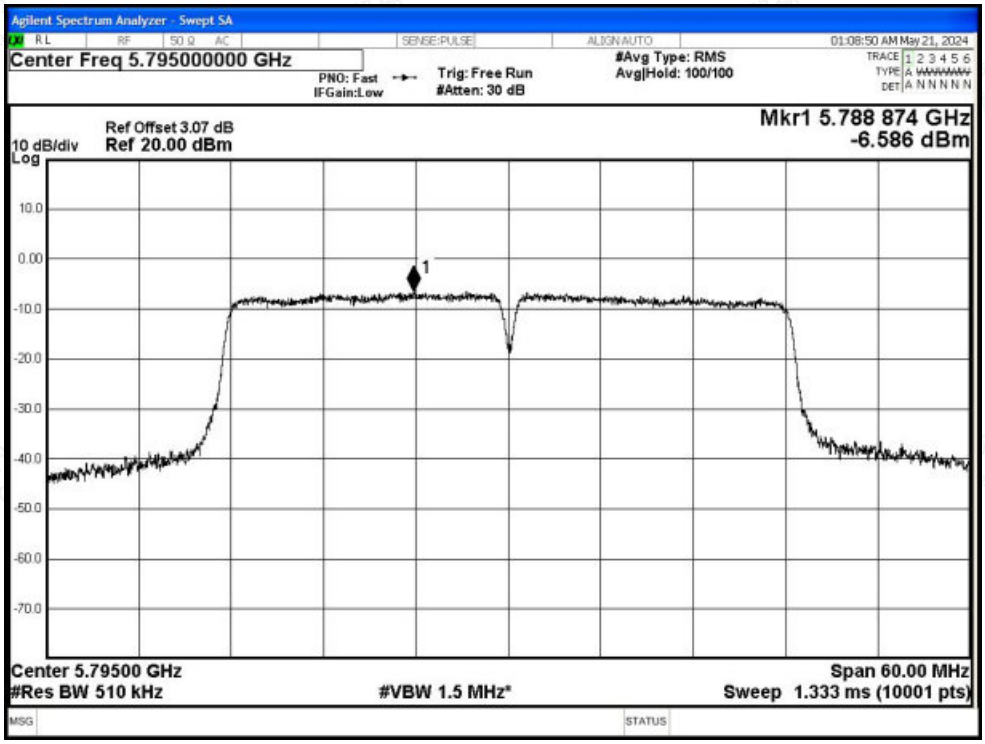


PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



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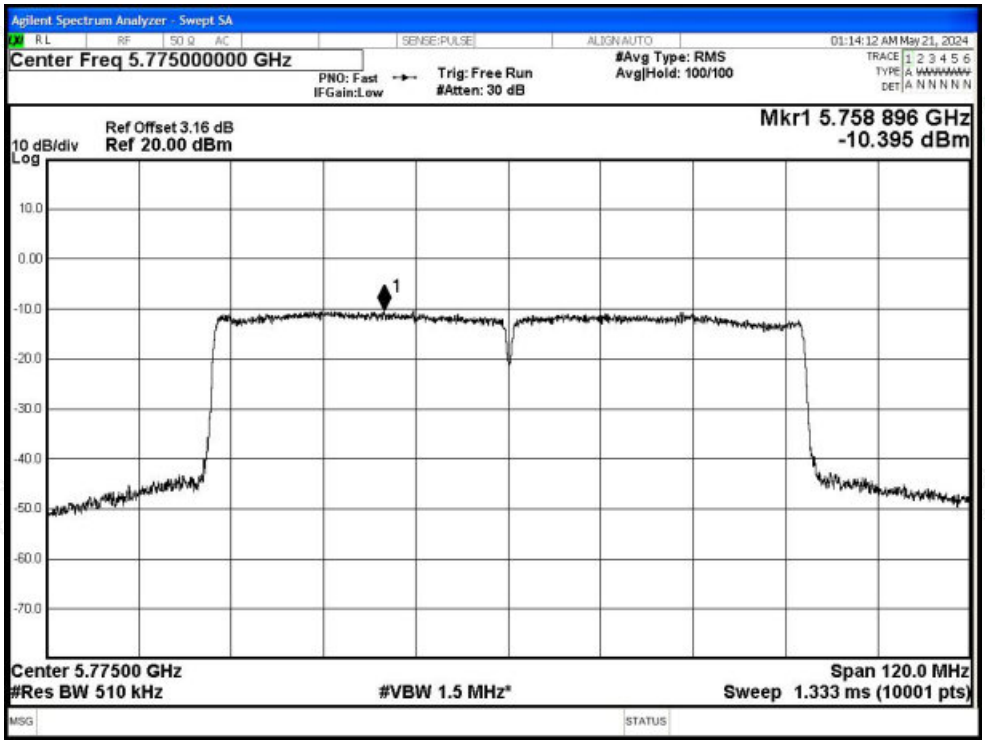


E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5650	-49.66	2.98	-	-46.68	Peak	-27	Pass
NVNT	a	5745	Ant1	5650	-57.57	2.98	0.24	-54.35	Average	-27	Pass
NVNT	a	5745	Ant1	5700	-48.55	2.98	-	-45.57	Peak	10	Pass
NVNT	a	5745	Ant1	5700	-57.49	2.98	0.24	-54.27	Average	10	Pass
NVNT	a	5745	Ant1	5720	-39.87	2.98	-	-36.89	Peak	15.6	Pass
NVNT	a	5745	Ant1	5720	-52.83	2.98	0.24	-49.61	Average	15.6	Pass
NVNT	a	5745	Ant1	5725	-27.18	2.98	-	-24.20	Peak	27	Pass
NVNT	a	5745	Ant1	5725	-49.14	2.98	0.24	-45.92	Average	27	Pass
NVNT	a	5825	Ant1	5850	-40.31	2.98	-	-37.33	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-53	2.98	0.24	-49.78	Average	27	Pass
NVNT	a	5825	Ant1	5855	-44.34	2.98	-	-41.36	Peak	15.6	Pass
NVNT	a	5825	Ant1	5855	-56.65	2.98	0.24	-53.43	Average	15.6	Pass
NVNT	a	5825	Ant1	5875	-50.08	2.98	-	-47.10	Peak	10	Pass
NVNT	a	5825	Ant1	5875	-57.77	2.98	0.24	-54.55	Average	10	Pass
NVNT	a	5825	Ant1	5925	-49.58	2.98	-	-46.60	Peak	-27	Pass
NVNT	a	5825	Ant1	5925	-57.63	2.98	0.24	-54.41	Average	-27	Pass
NVNT	n20	5745	Ant1	5650	-49.25	2.98	-	-46.27	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-57.48	2.98	0.28	-54.22	Average	-27	Pass
NVNT	n20	5745	Ant1	5700	-50.24	2.98	-	-47.26	Peak	10	Pass
NVNT	n20	5745	Ant1	5700	-57.57	2.98	0.28	-54.31	Average	10	Pass
NVNT	n20	5745	Ant1	5720	-36.65	2.98	-	-33.67	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5720	-51.57	2.98	0.28	-48.31	Average	15.6	Pass
NVNT	n20	5745	Ant1	5725	-26.12	2.98	-	-23.14	Peak	27	Pass
NVNT	n20	5745	Ant1	5725	-44.85	2.98	0.28	-41.59	Average	27	Pass
NVNT	n20	5825	Ant1	5850	-39.64	2.98	-	-36.66	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-51.97	2.98	0.28	-48.71	Average	27	Pass
NVNT	n20	5825	Ant1	5855	-44.28	2.98	-	-41.30	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5855	-56.37	2.98	0.28	-53.11	Average	15.6	Pass
NVNT	n20	5825	Ant1	5875	-49.2	2.98	-	-46.22	Peak	10	Pass
NVNT	n20	5825	Ant1	5875	-57.4	2.98	0.28	-54.14	Average	10	Pass
NVNT	n20	5825	Ant1	5925	-49.03	2.98	-	-46.05	Peak	-27	Pass
NVNT	n20	5825	Ant1	5925	-57.09	2.98	0.28	-53.83	Average	-27	Pass
NVNT	n40	5755	Ant1	5650	-50.21	2.98	-	-47.23	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-57.35	2.98	0.38	-53.99	Average	-27	Pass
NVNT	n40	5755	Ant1	5700	-48.53	2.98	-	-45.55	Peak	10	Pass
NVNT	n40	5755	Ant1	5700	-57.67	2.98	0.38	-54.31	Average	10	Pass
NVNT	n40	5755	Ant1	5720	-35.43	2.98	-	-32.45	Peak	15.6	Pass
NVNT	n40	5755	Ant1	5720	-50.7	2.98	0.38	-47.34	Average	15.6	Pass

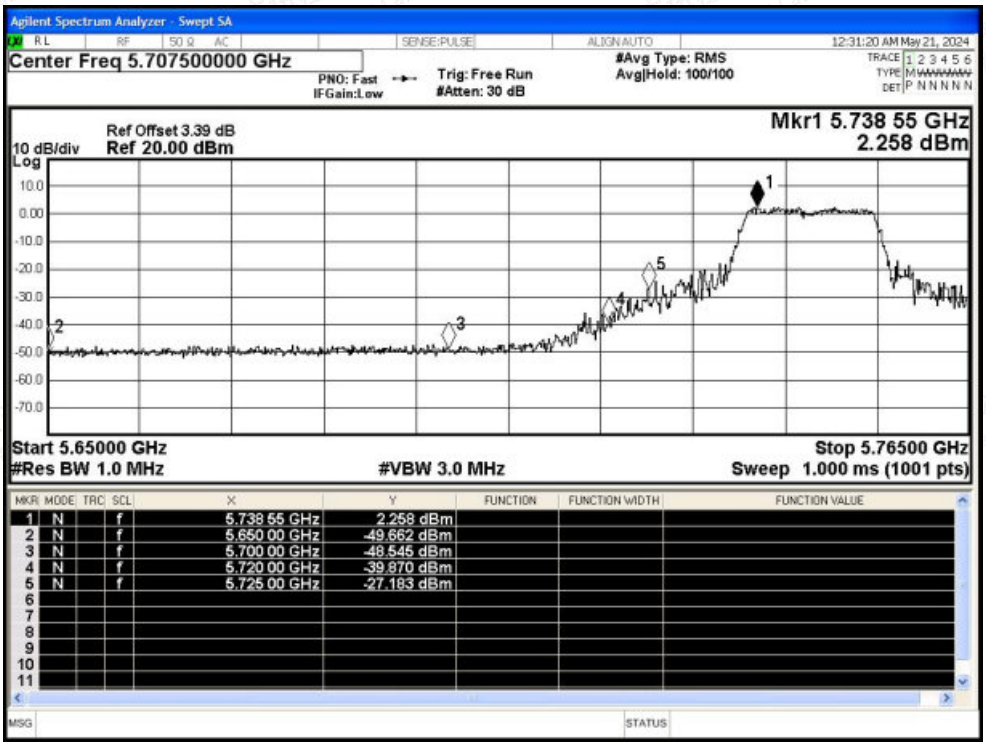
NVNT	n40	5755	Ant1	5725	-33.33	2.98	-	-30.35	Peak	27	Pass
NVNT	n40	5755	Ant1	5725	-47.62	2.98	0.38	-44.26	Average	27	Pass
NVNT	n40	5795	Ant1	5850	-50.56	2.98	-	-47.58	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-57.58	2.98	0.38	-54.22	Average	27	Pass
NVNT	n40	5795	Ant1	5855	-49.09	2.98	-	-46.11	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5855	-57.51	2.98	0.38	-54.15	Average	15.6	Pass
NVNT	n40	5795	Ant1	5875	-49.65	2.98	-	-46.67	Peak	10	Pass
NVNT	n40	5795	Ant1	5875	-57.99	2.98	0.38	-54.63	Average	10	Pass
NVNT	n40	5795	Ant1	5925	-48.15	2.98	-	-45.17	Peak	-27	Pass
NVNT	n40	5795	Ant1	5925	-57.48	2.98	0.38	-54.12	Average	-27	Pass
NVNT	ac20	5745	Ant1	5650	-48.64	2.98	-	-45.66	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-58.06	2.98	0.28	-54.80	Average	-27	Pass
NVNT	ac20	5745	Ant1	5700	-48.95	2.98	-	-45.97	Peak	10	Pass
NVNT	ac20	5745	Ant1	5700	-57.09	2.98	0.28	-53.83	Average	10	Pass
NVNT	ac20	5745	Ant1	5720	-34.16	2.98	-	-31.18	Peak	15.6	Pass
NVNT	ac20	5745	Ant1	5720	-49.85	2.98	0.28	-46.59	Average	15.6	Pass
NVNT	ac20	5745	Ant1	5725	-27.58	2.98	-	-24.60	Peak	27	Pass
NVNT	ac20	5745	Ant1	5725	-47.41	2.98	0.28	-44.15	Average	27	Pass
NVNT	ac20	5825	Ant1	5850	-37.95	2.98	-	-34.97	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-53.77	2.98	0.28	-50.51	Average	27	Pass
NVNT	ac20	5825	Ant1	5855	-43.48	2.98	-	-40.50	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5855	-54.86	2.98	0.28	-51.60	Average	15.6	Pass
NVNT	ac20	5825	Ant1	5875	-49.89	2.98	-	-46.91	Peak	10	Pass
NVNT	ac20	5825	Ant1	5875	-57.68	2.98	0.28	-54.42	Average	10	Pass
NVNT	ac20	5825	Ant1	5925	-48.78	2.98	-	-45.80	Peak	-27	Pass
NVNT	ac20	5825	Ant1	5925	-57.16	2.98	0.28	-53.90	Average	-27	Pass
NVNT	ac40	5755	Ant1	5650	-50.82	2.98	-	-47.84	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-57.77	2.98	0.37	-54.42	Average	-27	Pass
NVNT	ac40	5755	Ant1	5700	-48.25	2.98	-	-45.27	Peak	10	Pass
NVNT	ac40	5755	Ant1	5700	-57.41	2.98	0.37	-54.06	Average	10	Pass
NVNT	ac40	5755	Ant1	5720	-28.12	2.98	-	-25.14	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5720	-47.38	2.98	0.37	-44.03	Average	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-28.39	2.98	-	-25.41	Peak	27	Pass
NVNT	ac40	5755	Ant1	5725	-47.52	2.98	0.37	-44.17	Average	27	Pass
NVNT	ac40	5795	Ant1	5850	-48.26	2.98	-	-45.28	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-58.78	2.98	0.38	-55.42	Average	27	Pass
NVNT	ac40	5795	Ant1	5855	-50.1	2.98	-	-47.12	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5855	-58.73	2.98	0.38	-55.37	Average	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-50.75	2.98	-	-47.77	Peak	10	Pass
NVNT	ac40	5795	Ant1	5875	-58.73	2.98	0.38	-55.37	Average	10	Pass
NVNT	ac40	5795	Ant1	5925	-50.06	2.98	-	-47.08	Peak	-27	Pass
NVNT	ac40	5795	Ant1	5925	-57.96	2.98	0.38	-54.60	Average	-27	Pass
NVNT	ac80	5775	Ant1	5650	-47.48	2.98	-	-44.50	Peak	-27	Pass

NVNT	ac80	5775	Ant1	5650	-56.65	2.98	0.47	-53.20	Average	-27	Pass
NVNT	ac80	5775	Ant1	5700	-42.23	2.98	-	-39.25	Peak	10	Pass
NVNT	ac80	5775	Ant1	5700	-50.19	2.98	0.47	-46.74	Average	10	Pass
NVNT	ac80	5775	Ant1	5720	-34.14	2.98	-	-31.16	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5720	-45.62	2.98	0.47	-42.17	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5725	-29.04	2.98	-	-26.06	Peak	27	Pass
NVNT	ac80	5775	Ant1	5725	-44.5	2.98	0.47	-41.05	Average	27	Pass
NVNT	ac80	5775	Ant1	5850	-37.29	2.98	-	-34.31	Peak	27	Pass
NVNT	ac80	5775	Ant1	5850	-47.87	2.98	0.47	-44.42	Average	27	Pass
NVNT	ac80	5775	Ant1	5855	-38.62	2.98	-	-35.64	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5855	-47.72	2.98	0.47	-44.27	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5875	-43.17	2.98	-	-40.19	Peak	10	Pass
NVNT	ac80	5775	Ant1	5875	-52.87	2.98	0.47	-49.42	Average	10	Pass
NVNT	ac80	5775	Ant1	5925	-48.2	2.98	-	-45.22	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5925	-56.95	2.98	0.47	-53.50	Average	-27	Pass

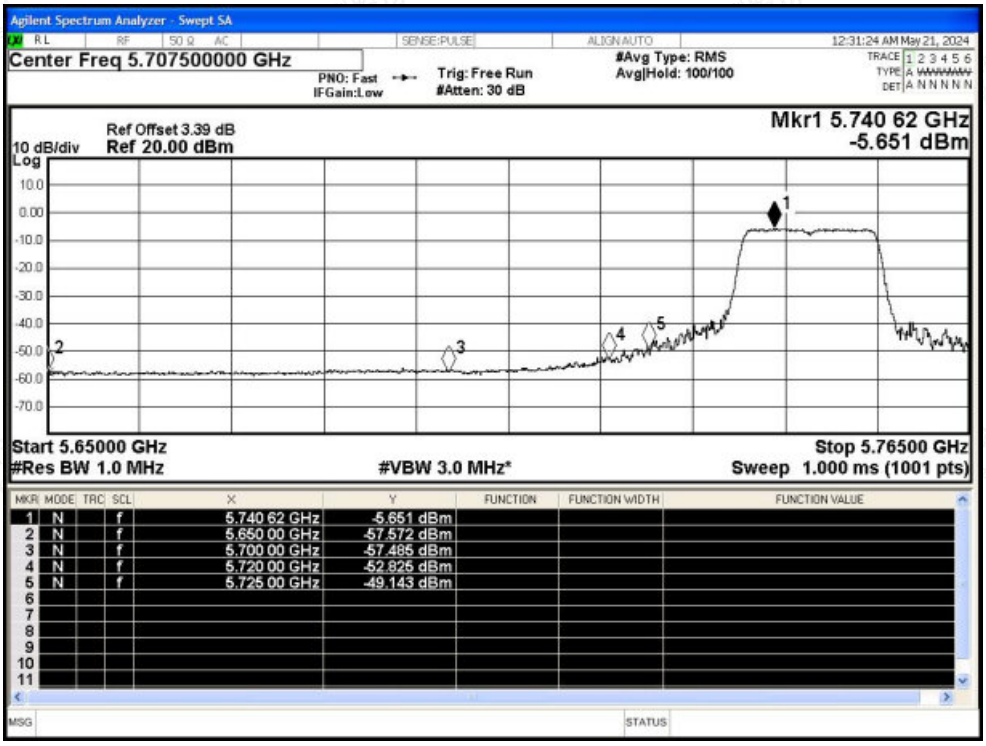
Note: 802.11a mode, only show the worst set of antenna1 data.

Test Graphs

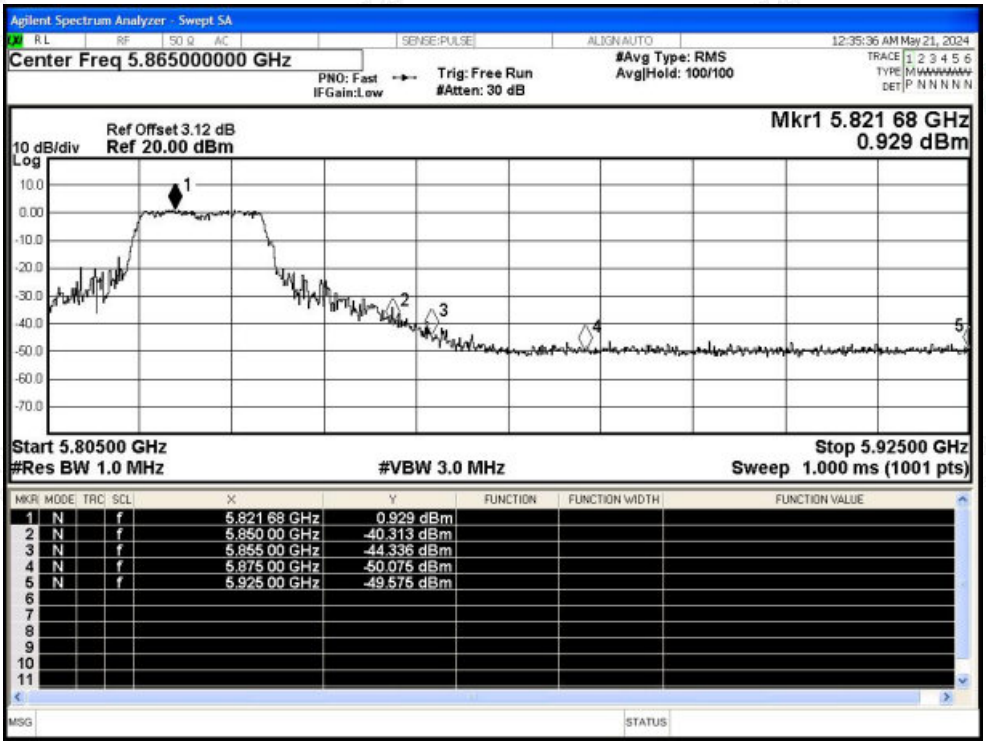
Restrict Band NVNT a 5745MHz Ant1 Peak



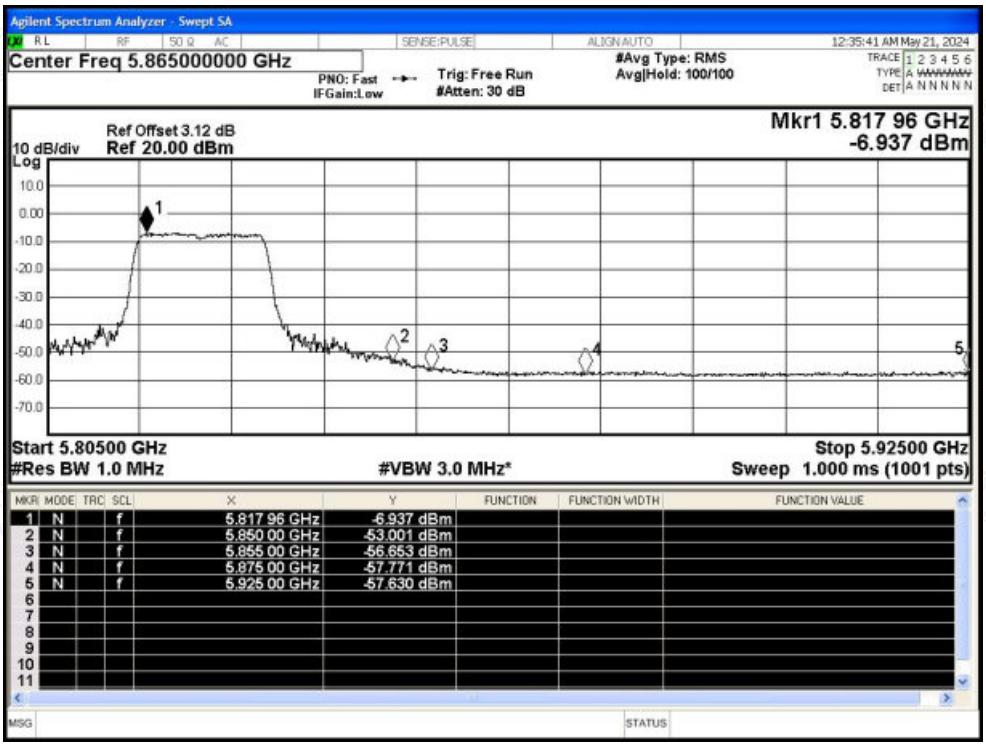
Restrict Band NVNT a 5745MHz Ant1 Average



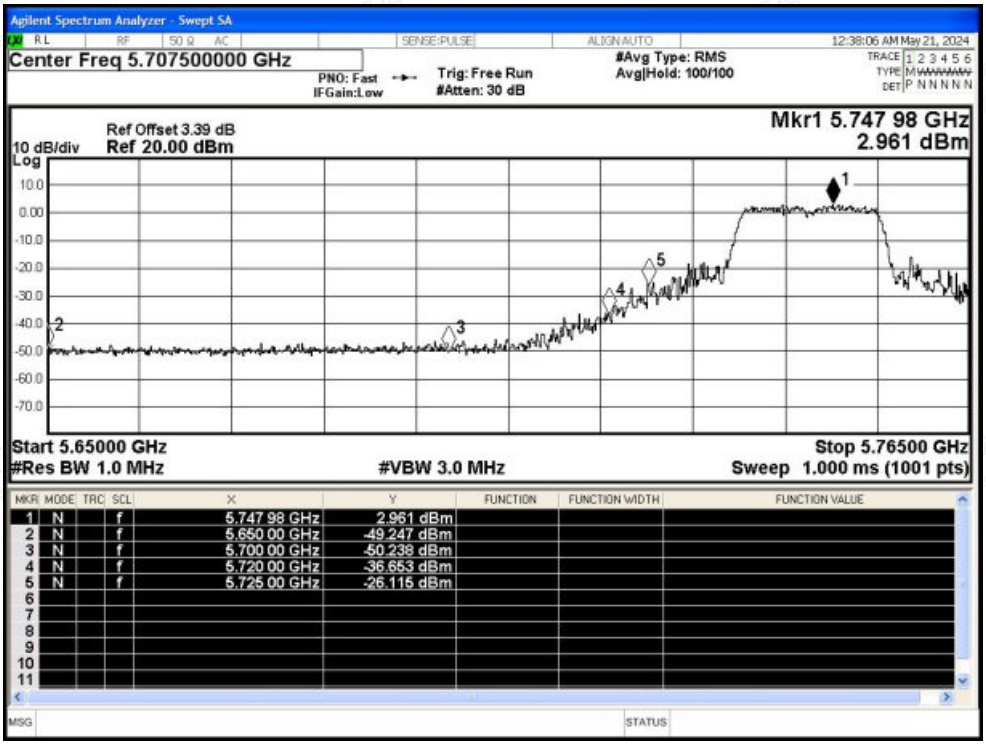
Restrict Band NVNT a 5825MHz Ant1 Peak



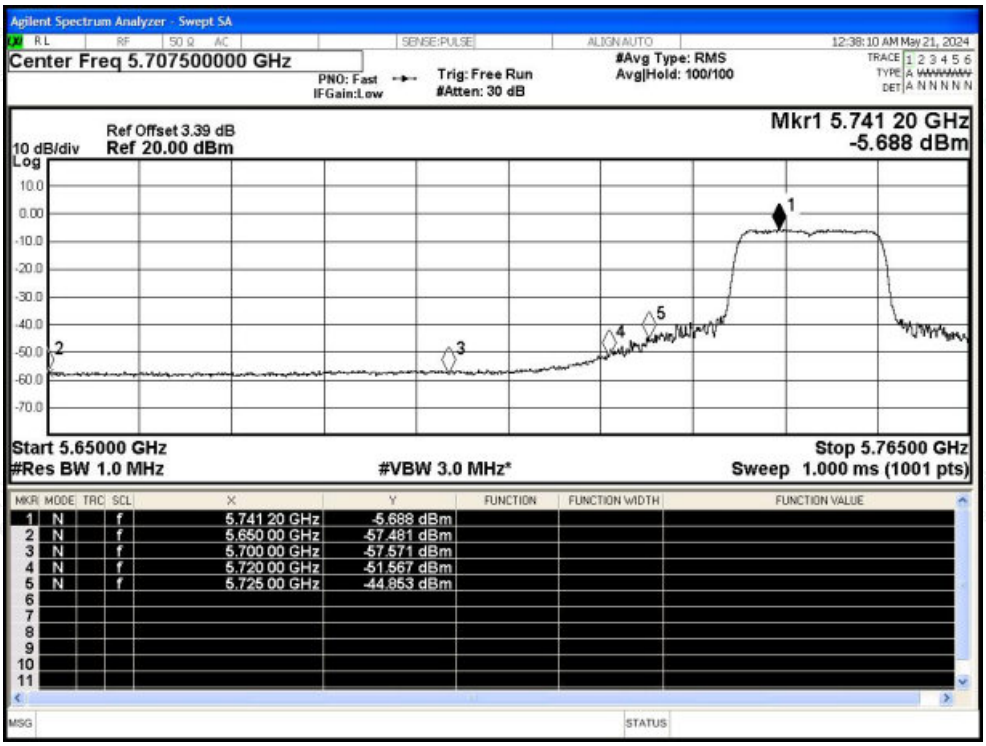
Restrict Band NVNT a 5825MHz Ant1 Average



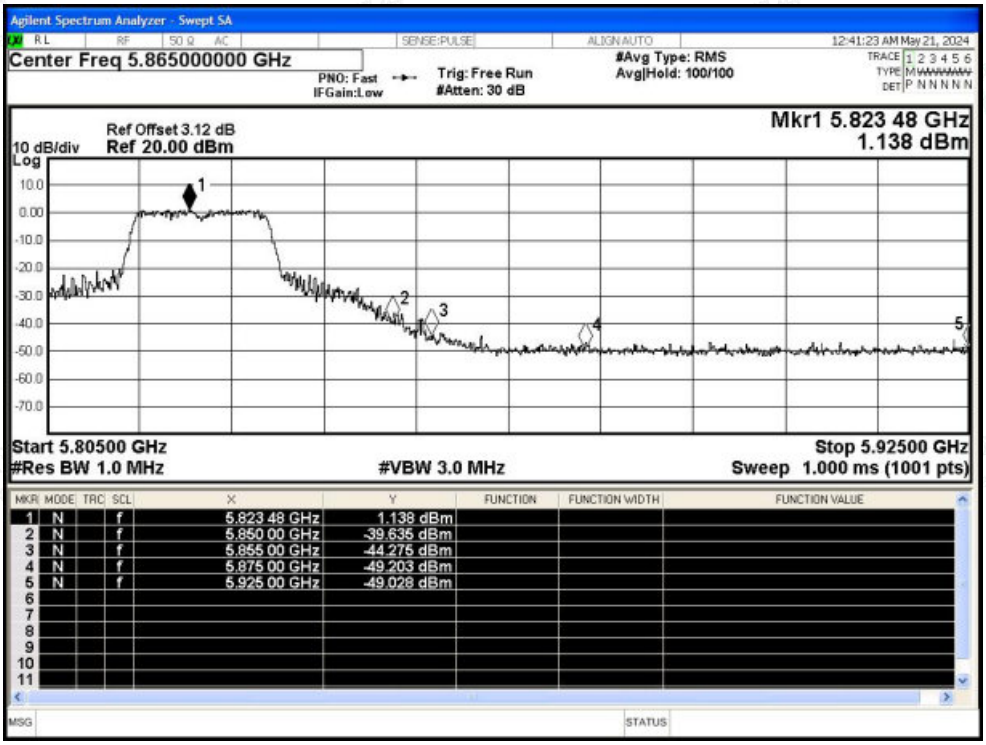
Restrict Band NVNT n20 5745MHz Ant1 Peak



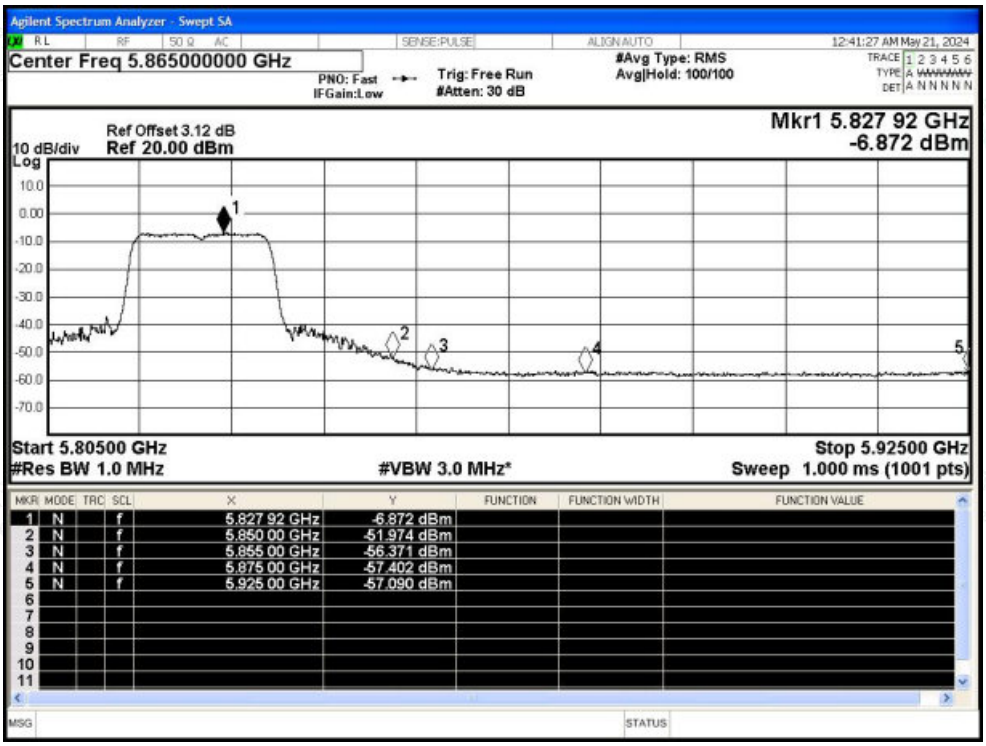
Restrict Band NVNT n20 5745MHz Ant1 Average



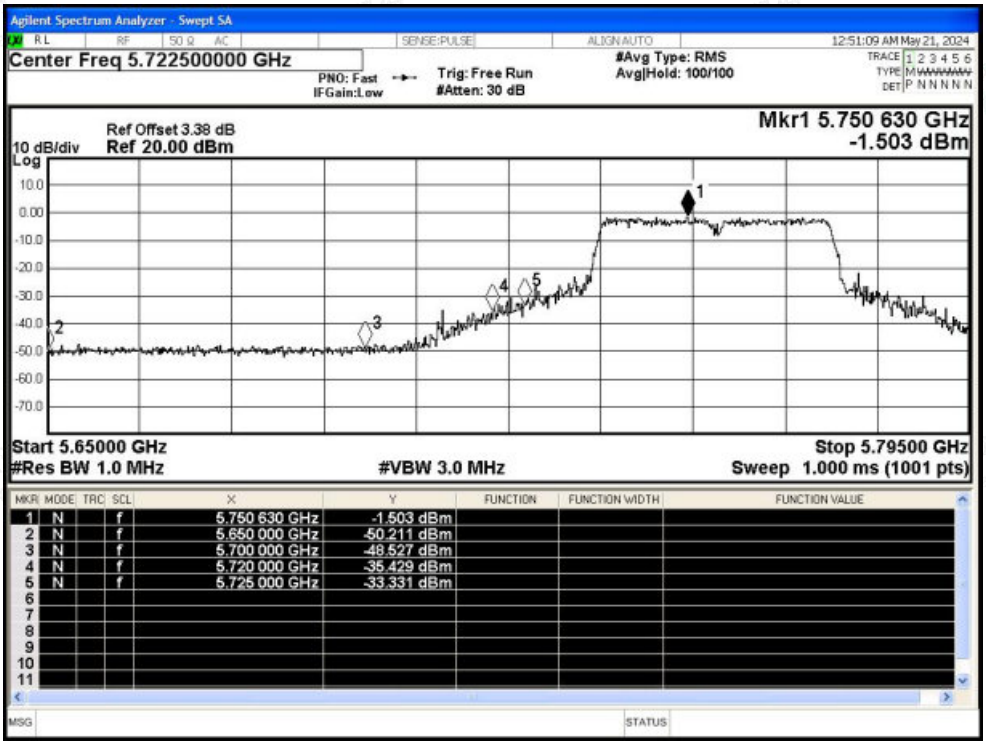
Restrict Band NVNT n20 5825MHz Ant1 Peak



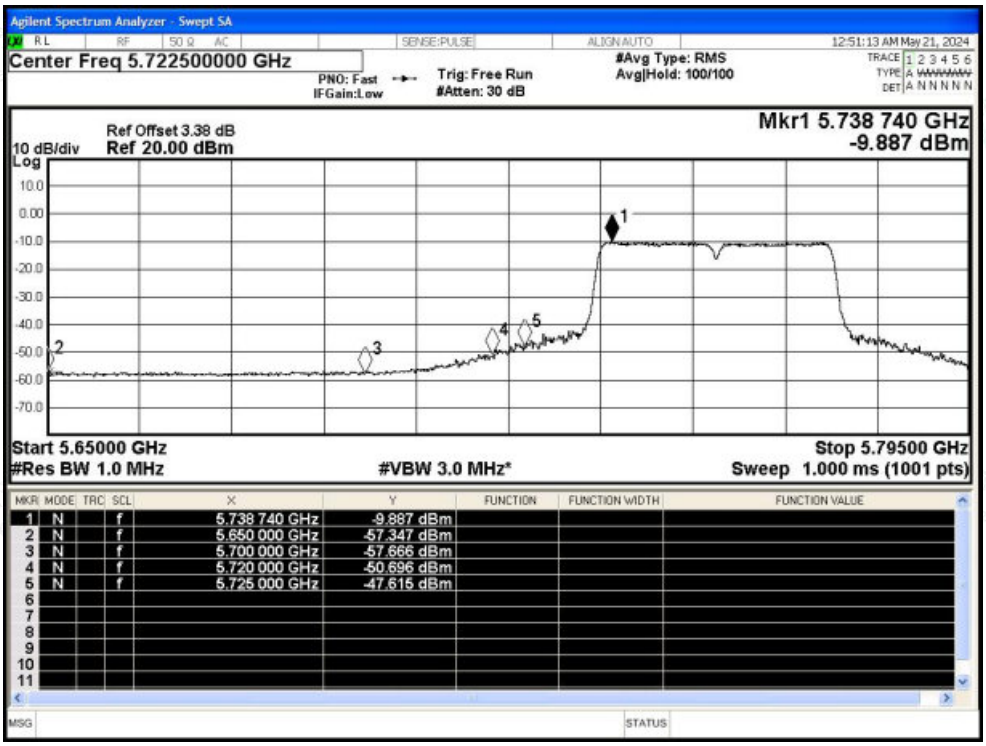
Restrict Band NVNT n20 5825MHz Ant1 Average



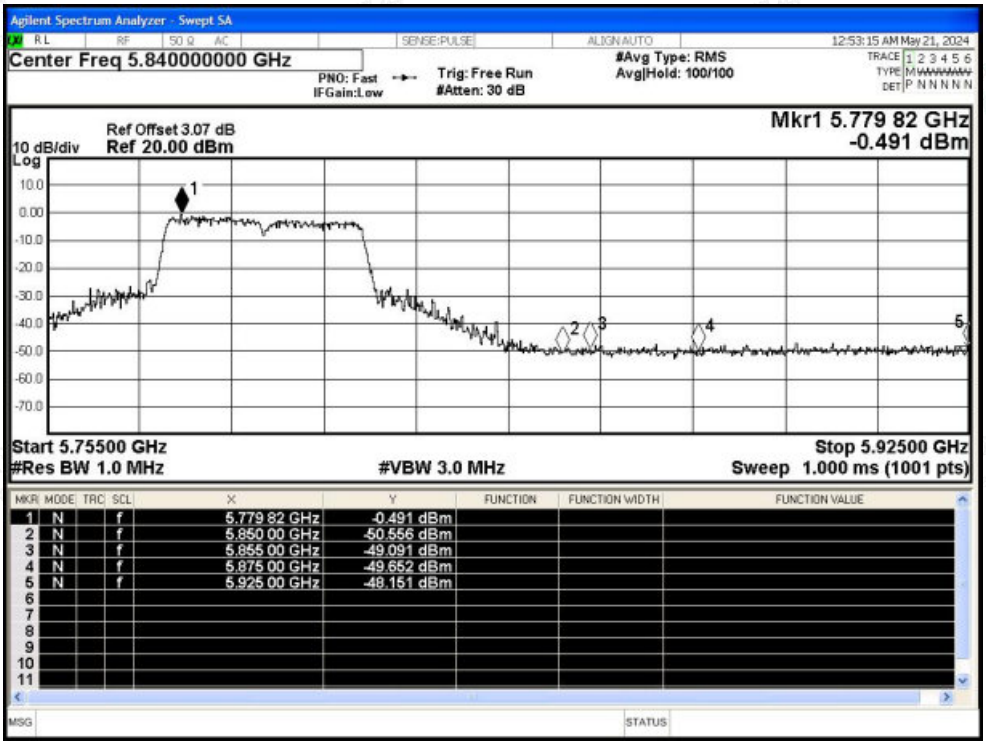
Restrict Band NVNT n40 5755MHz Ant1 Peak



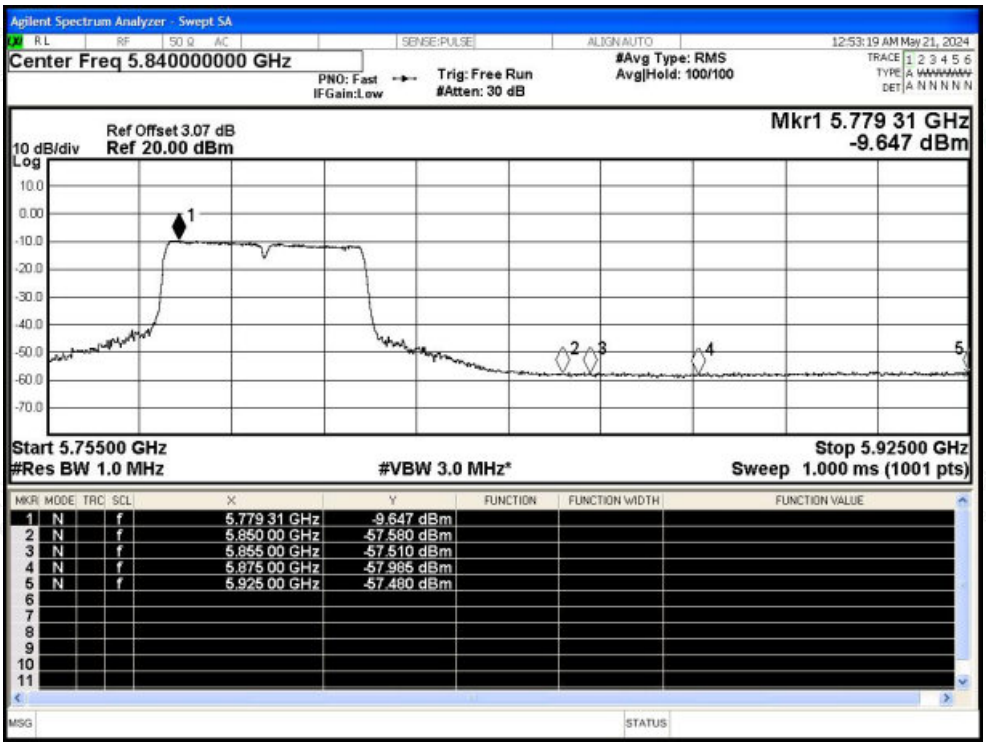
Restrict Band NVNT n40 5755MHz Ant1 Average



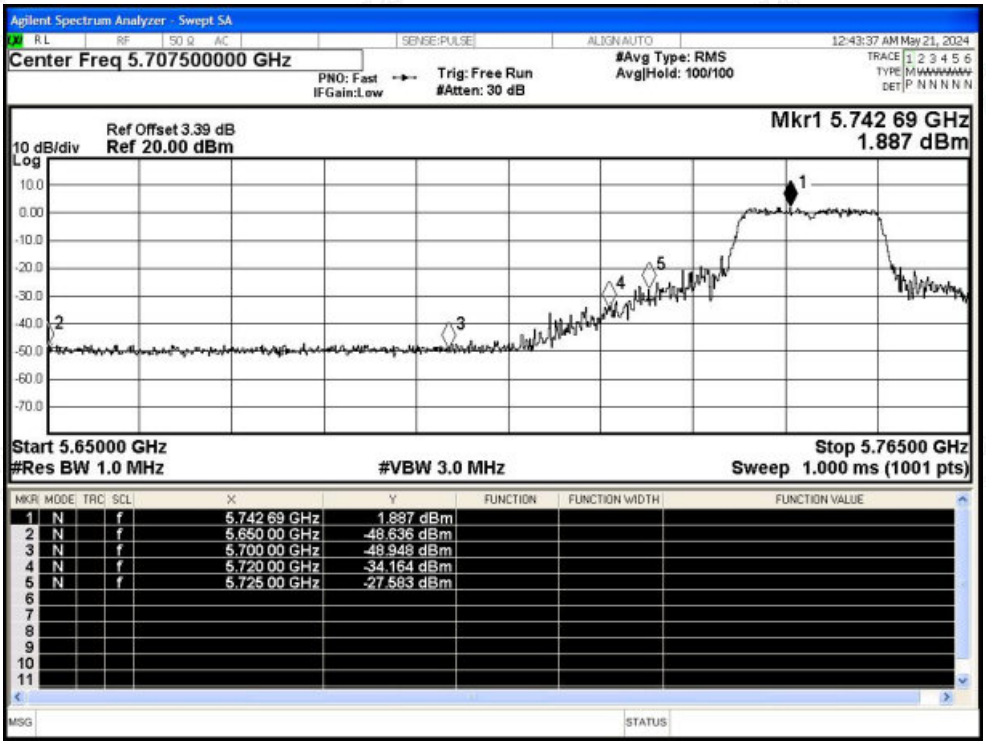
Restrict Band NVNT n40 5795MHz Ant1 Peak



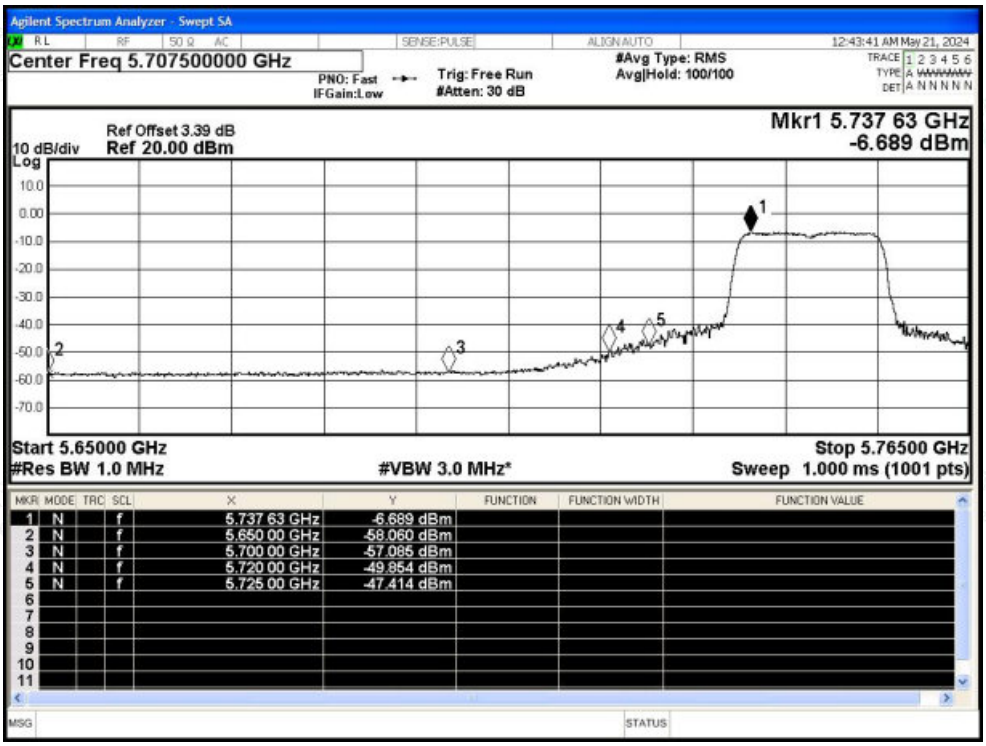
Restrict Band NVNT n40 5795MHz Ant1 Average



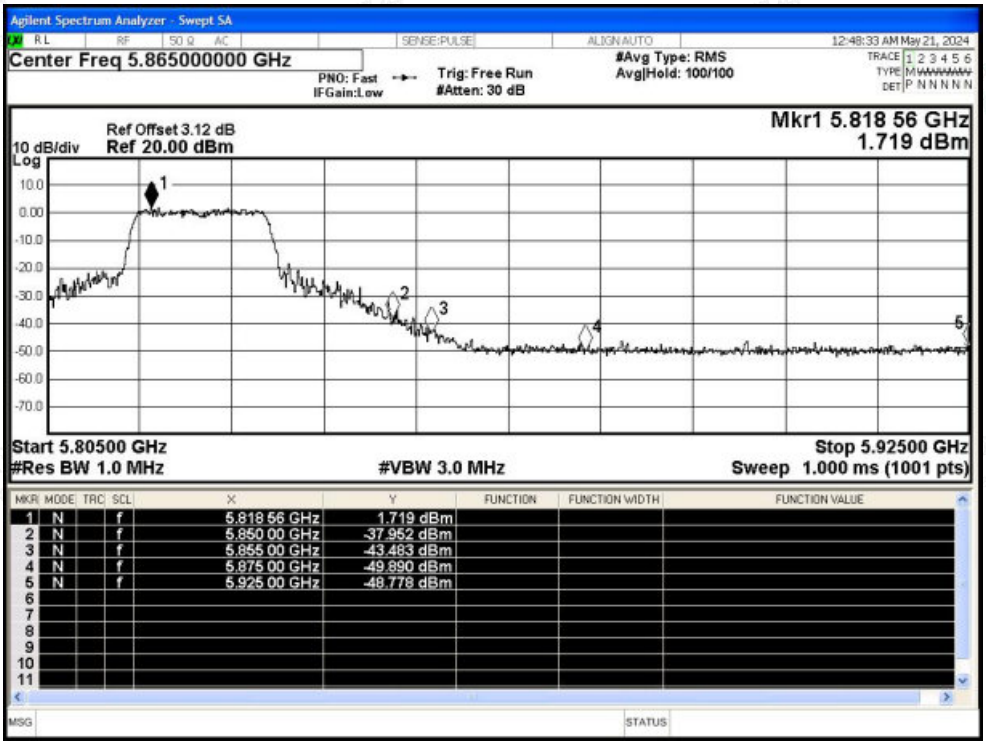
Restrict Band NVNT ac20 5745MHz Ant1 Peak



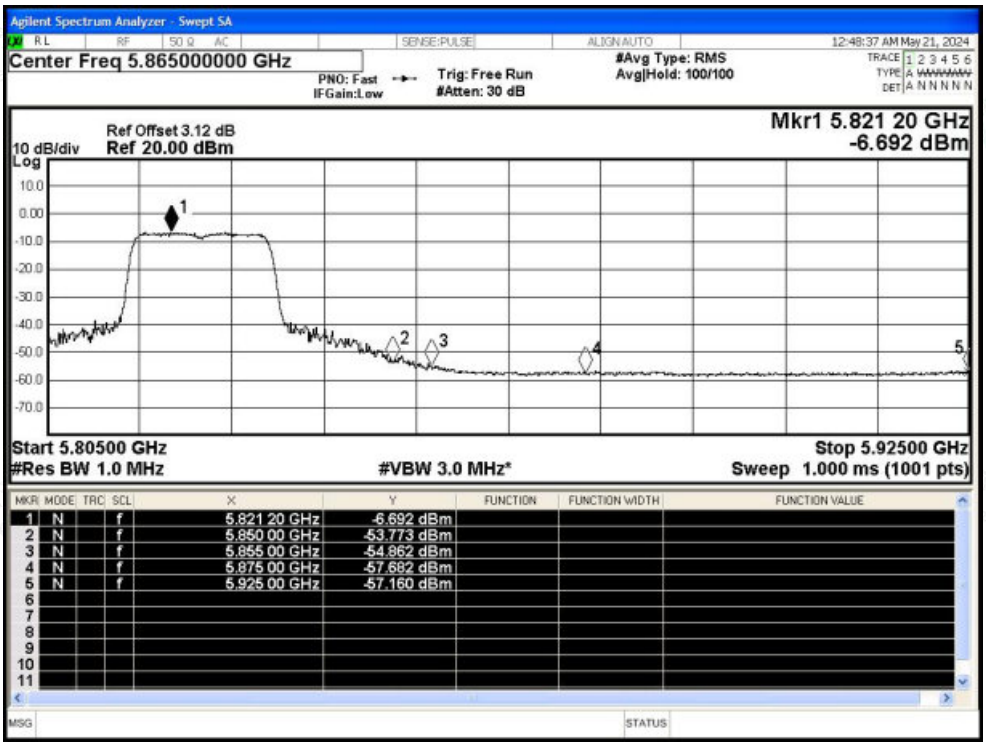
Restrict Band NVNT ac20 5745MHz Ant1 Average



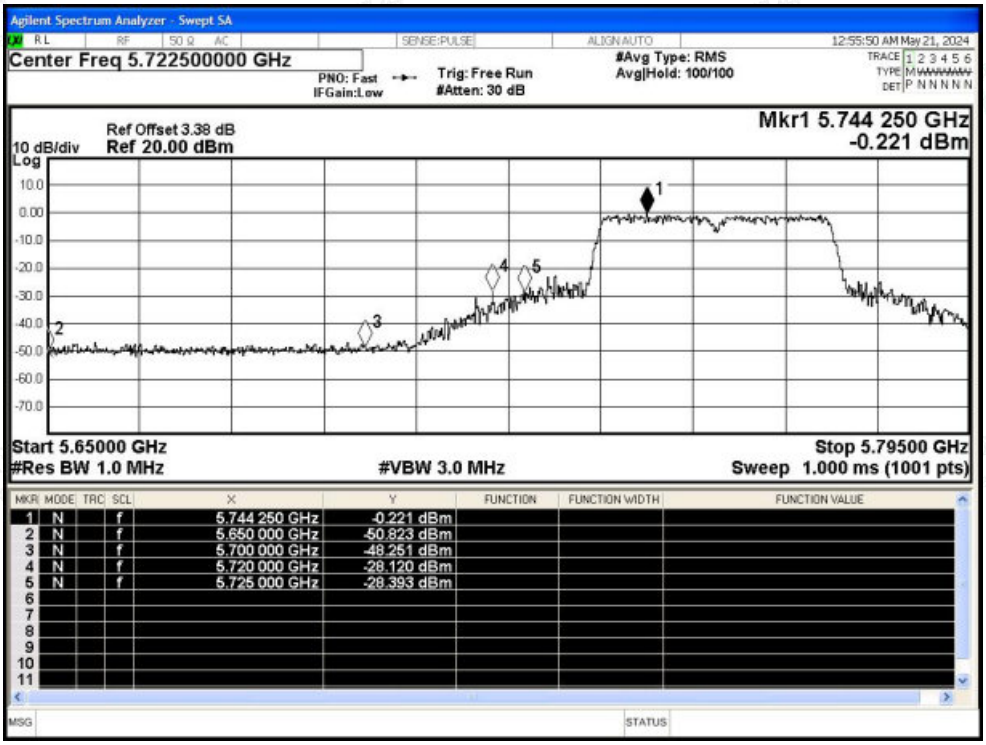
Restrict Band NVNT ac20 5825MHz Ant1 Peak



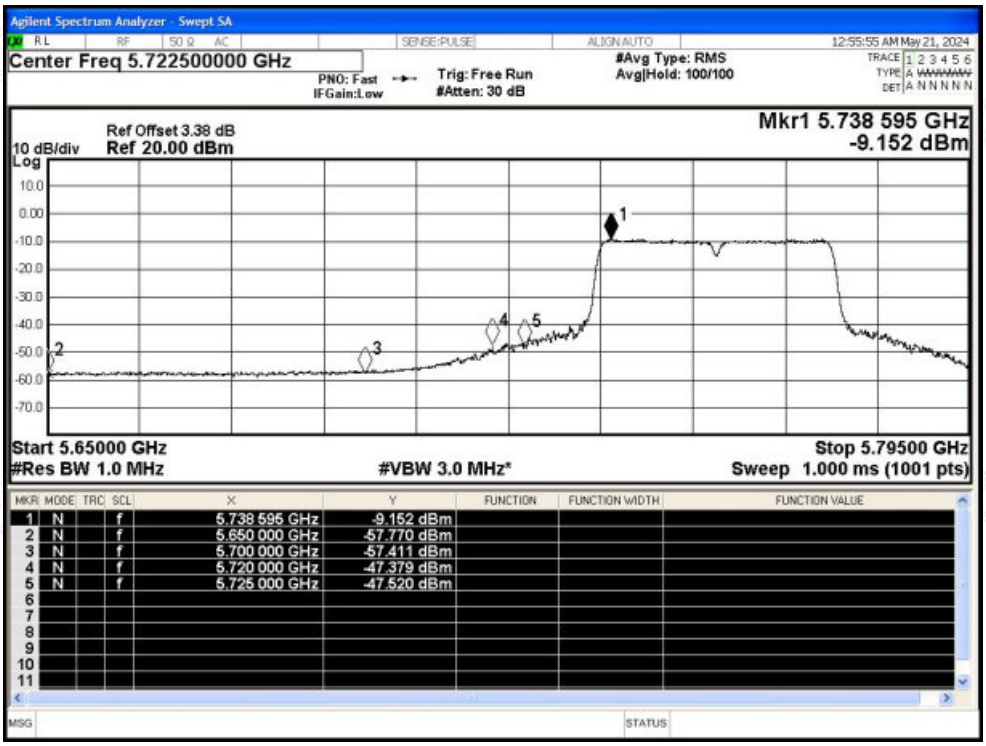
Restrict Band NVNT ac20 5825MHz Ant1 Average



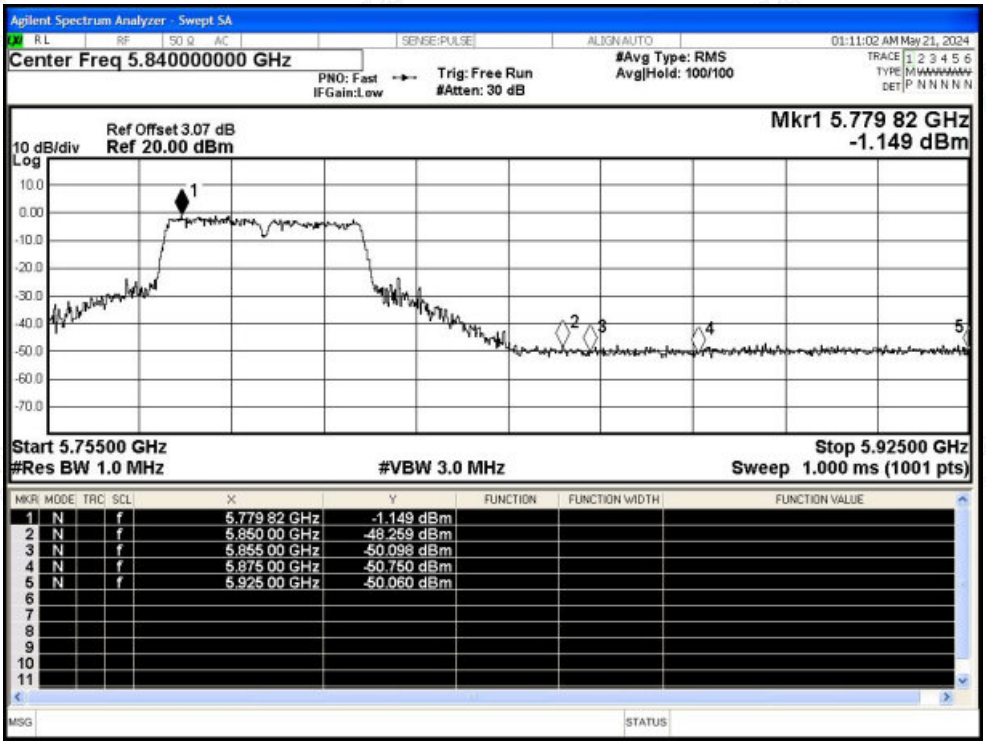
Restrict Band NVNT ac40 5755MHz Ant1 Peak



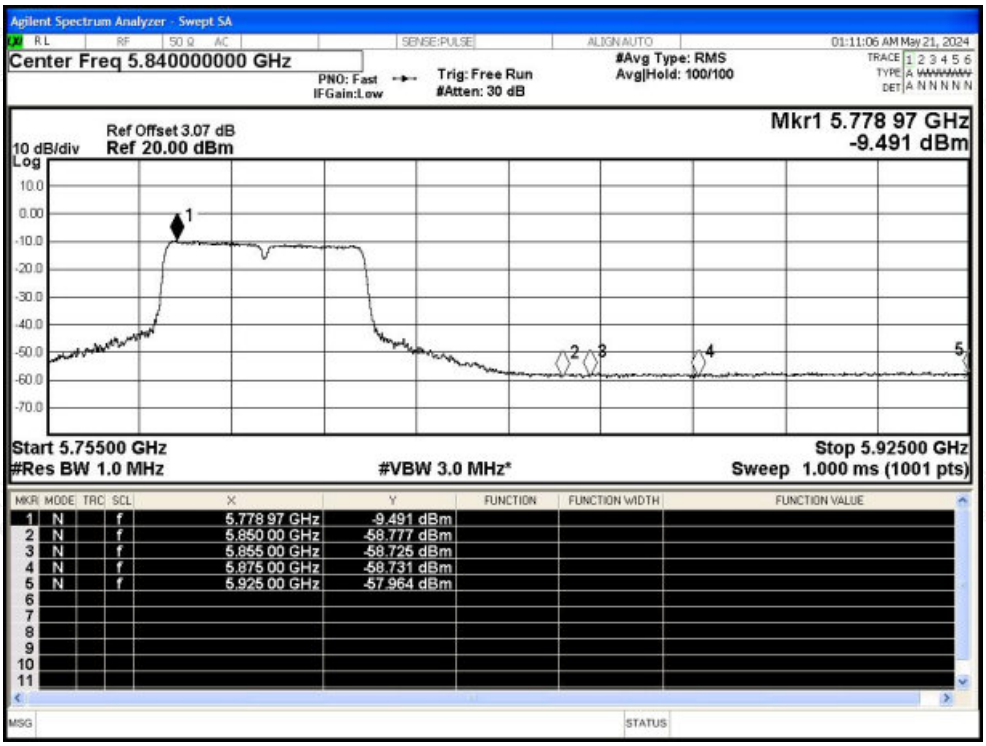
Restrict Band NVNT ac40 5755MHz Ant1 Average



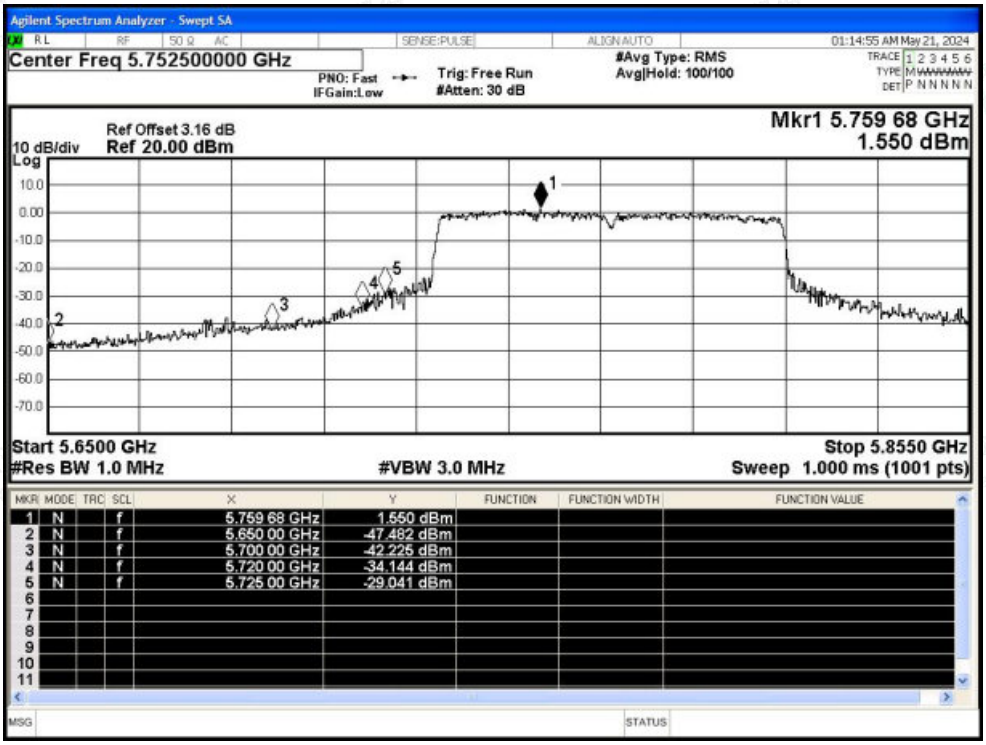
Restrict Band NVNT ac40 5795MHz Ant1 Peak



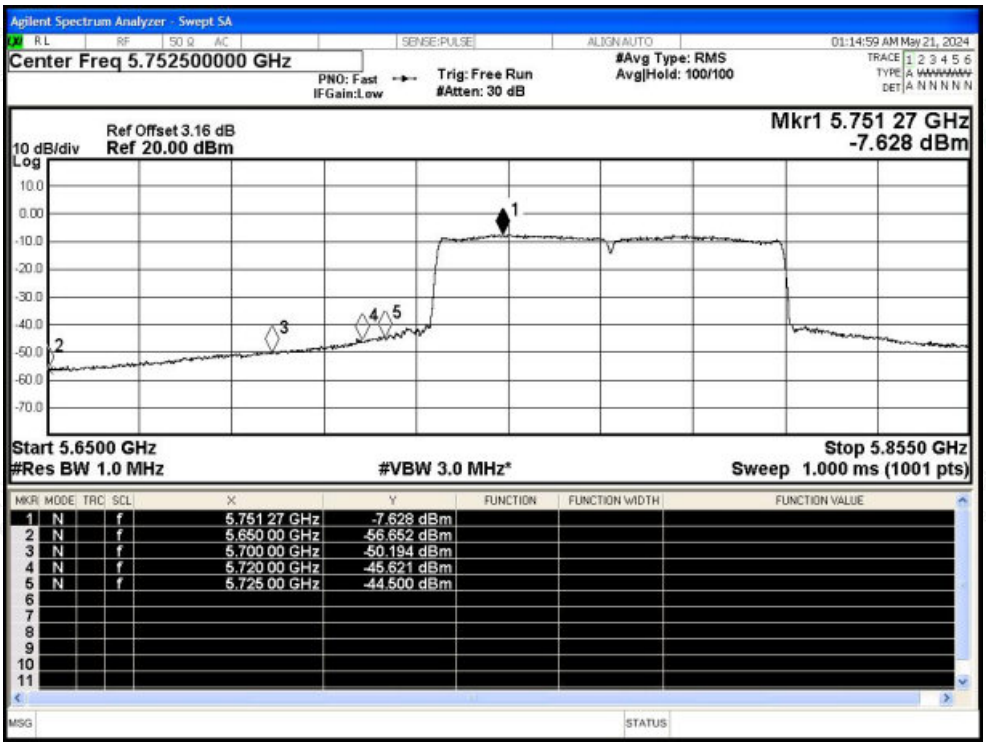
Restrict Band NVNT ac40 5795MHz Ant1 Average



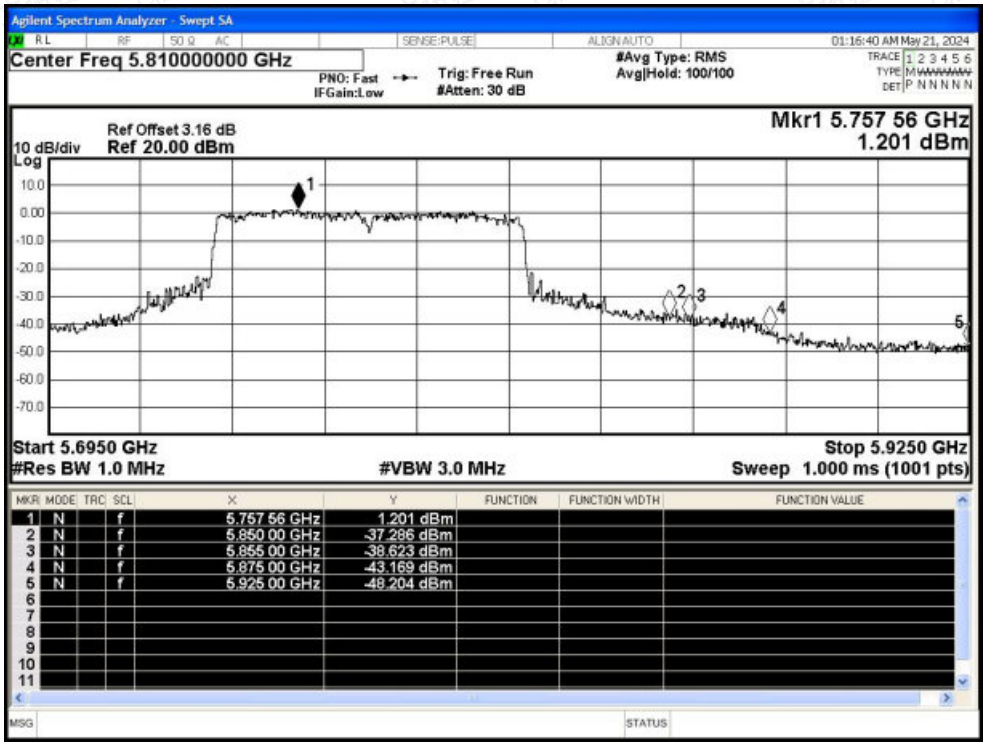
Restrict Band NVNT ac80 5775MHz Ant1 Peak



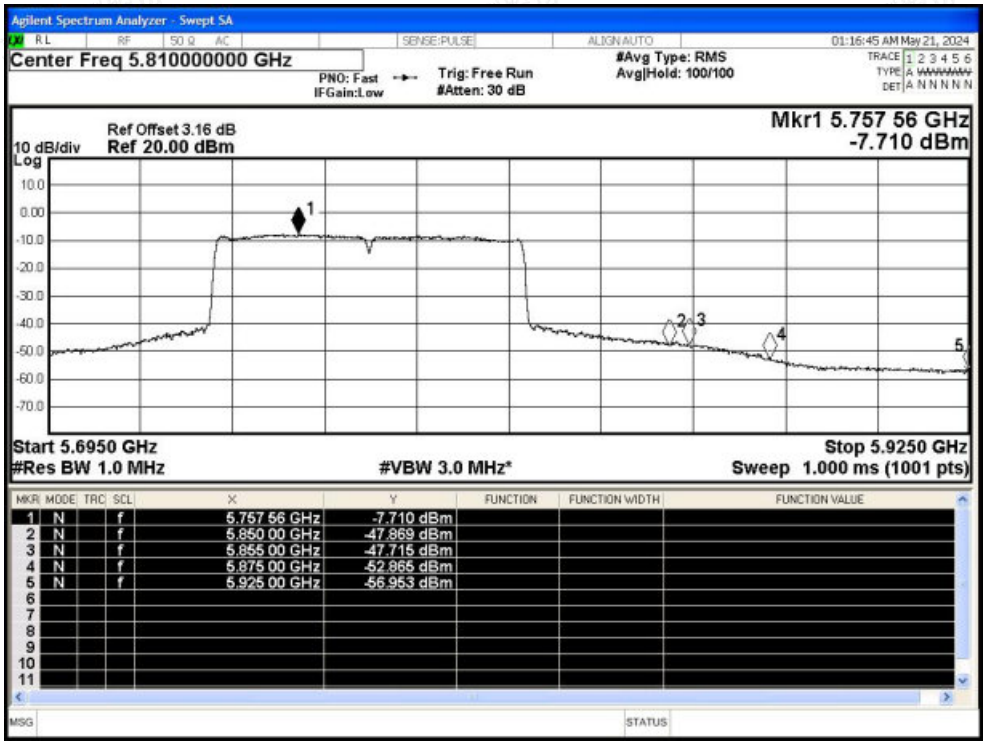
Restrict Band NVNT ac80 5775MHz Ant1 Average



Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Average



Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant2	5650	-49.79	3.78	-	-46.01	Peak	-27	Pass
NVNT	a	5745	Ant2	5650	-57.67	3.78	0.24	-53.65	Average	-27	Pass

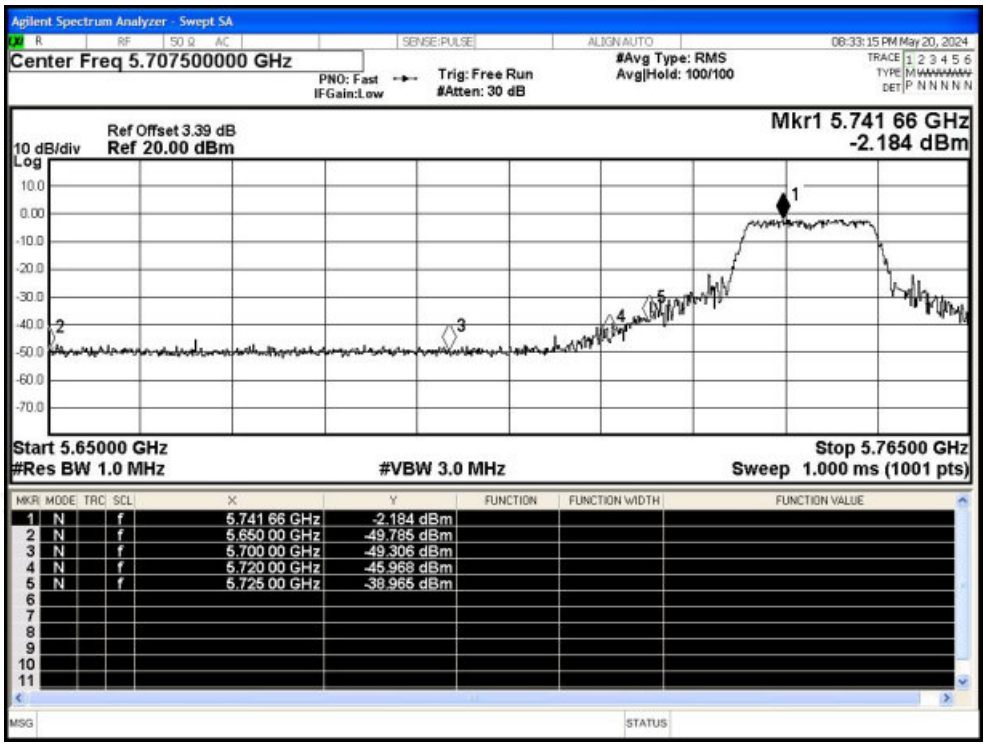
NVNT	a	5745	Ant2	5700	-49.31	3.78	-	-45.53	Peak	10	Pass
NVNT	a	5745	Ant2	5700	-58	3.78	0.24	-53.98	Average	10	Pass
NVNT	a	5745	Ant2	5720	-45.97	3.78	-	-42.19	Peak	15.6	Pass
NVNT	a	5745	Ant2	5720	-55.81	3.78	0.24	-51.79	Average	15.6	Pass
NVNT	a	5745	Ant2	5725	-38.97	3.78	-	-35.19	Peak	27	Pass
NVNT	a	5745	Ant2	5725	-51.79	3.78	0.24	-47.77	Average	27	Pass
NVNT	a	5825	Ant2	5850	-38.65	3.78	-	-34.87	Peak	27	Pass
NVNT	a	5825	Ant2	5850	-49.27	3.78	0.24	-45.25	Average	27	Pass
NVNT	a	5825	Ant2	5855	-45.15	3.78	-	-41.37	Peak	15.6	Pass
NVNT	a	5825	Ant2	5855	-53.06	3.78	0.24	-49.04	Average	15.6	Pass
NVNT	a	5825	Ant2	5875	-47.81	3.78	-	-44.03	Peak	10	Pass
NVNT	a	5825	Ant2	5875	-55.94	3.78	0.24	-51.92	Average	10	Pass
NVNT	a	5825	Ant2	5925	-49.67	3.78	-	-45.89	Peak	-27	Pass
NVNT	a	5825	Ant2	5925	-56.75	3.78	0.24	-52.73	Average	-27	Pass
NVNT	n20	5745	Ant2	5650	-49.77	3.78	-	-45.99	Peak	-27	Pass
NVNT	n20	5745	Ant2	5650	-58.06	3.78	0.28	-54.00	Average	-27	Pass
NVNT	n20	5745	Ant2	5700	-51.68	3.78	-	-47.90	Peak	10	Pass
NVNT	n20	5745	Ant2	5700	-57.7	3.78	0.28	-53.64	Average	10	Pass
NVNT	n20	5745	Ant2	5720	-41.24	3.78	-	-37.46	Peak	15.6	Pass
NVNT	n20	5745	Ant2	5720	-53.36	3.78	0.28	-49.30	Average	15.6	Pass
NVNT	n20	5745	Ant2	5725	-35.82	3.78	-	-32.04	Peak	27	Pass
NVNT	n20	5745	Ant2	5725	-50.35	3.78	0.28	-46.29	Average	27	Pass
NVNT	n20	5825	Ant2	5850	-45.24	3.78	-	-41.46	Peak	27	Pass
NVNT	n20	5825	Ant2	5850	-55.39	3.78	0.28	-51.33	Average	27	Pass
NVNT	n20	5825	Ant2	5855	-48.81	3.78	-	-45.03	Peak	15.6	Pass
NVNT	n20	5825	Ant2	5855	-56.94	3.78	0.28	-52.88	Average	15.6	Pass
NVNT	n20	5825	Ant2	5875	-49.55	3.78	-	-45.77	Peak	10	Pass
NVNT	n20	5825	Ant2	5875	-57.99	3.78	0.28	-53.93	Average	10	Pass
NVNT	n20	5825	Ant2	5925	-49.15	3.78	-	-45.37	Peak	-27	Pass
NVNT	n20	5825	Ant2	5925	-57.47	3.78	0.28	-53.41	Average	-27	Pass
NVNT	n40	5755	Ant2	5650	-49.51	3.78	-	-45.73	Peak	-27	Pass
NVNT	n40	5755	Ant2	5650	-57.73	3.78	0.12	-53.83	Average	-27	Pass
NVNT	n40	5755	Ant2	5700	-48.59	3.78	-	-44.81	Peak	10	Pass
NVNT	n40	5755	Ant2	5700	-57.71	3.78	0.12	-53.81	Average	10	Pass
NVNT	n40	5755	Ant2	5720	-42.85	3.78	-	-39.07	Peak	15.6	Pass
NVNT	n40	5755	Ant2	5720	-54.28	3.78	0.12	-50.38	Average	15.6	Pass
NVNT	n40	5755	Ant2	5725	-37.13	3.78	-	-33.35	Peak	27	Pass
NVNT	n40	5755	Ant2	5725	-50.79	3.78	0.12	-46.89	Average	27	Pass
NVNT	n40	5795	Ant2	5850	-49.27	3.78	-	-45.49	Peak	27	Pass
NVNT	n40	5795	Ant2	5850	-58.79	3.78	0.31	-54.70	Average	27	Pass
NVNT	n40	5795	Ant2	5855	-51.71	3.78	-	-47.93	Peak	15.6	Pass
NVNT	n40	5795	Ant2	5855	-58.46	3.78	0.31	-54.37	Average	15.6	Pass
NVNT	n40	5795	Ant2	5875	-49.63	3.78	-	-45.85	Peak	10	Pass

NVNT	n40	5795	Ant2	5875	-58.32	3.78	0.31	-54.23	Average	10	Pass
NVNT	n40	5795	Ant2	5925	-49.62	3.78	-	-45.84	Peak	-27	Pass
NVNT	n40	5795	Ant2	5925	-58.1	3.78	0.31	-54.01	Average	-27	Pass
NVNT	ac20	5745	Ant2	5650	-50	3.78	-	-46.22	Peak	-27	Pass
NVNT	ac20	5745	Ant2	5650	-57.3	3.78	0.28	-53.24	Average	-27	Pass
NVNT	ac20	5745	Ant2	5700	-49.41	3.78	-	-45.63	Peak	10	Pass
NVNT	ac20	5745	Ant2	5700	-57.03	3.78	0.28	-52.97	Average	10	Pass
NVNT	ac20	5745	Ant2	5720	-43.13	3.78	-	-39.35	Peak	15.6	Pass
NVNT	ac20	5745	Ant2	5720	-54.08	3.78	0.28	-50.02	Average	15.6	Pass
NVNT	ac20	5745	Ant2	5725	-32.15	3.78	-	-28.37	Peak	27	Pass
NVNT	ac20	5745	Ant2	5725	-50.38	3.78	0.28	-46.32	Average	27	Pass
NVNT	ac20	5825	Ant2	5850	-43.9	3.78	-	-40.12	Peak	27	Pass
NVNT	ac20	5825	Ant2	5850	-54.29	3.78	0.28	-50.23	Average	27	Pass
NVNT	ac20	5825	Ant2	5855	-45.08	3.78	-	-41.30	Peak	15.6	Pass
NVNT	ac20	5825	Ant2	5855	-57.77	3.78	0.28	-53.71	Average	15.6	Pass
NVNT	ac20	5825	Ant2	5875	-48.11	3.78	-	-44.33	Peak	10	Pass
NVNT	ac20	5825	Ant2	5875	-57.95	3.78	0.28	-53.89	Average	10	Pass
NVNT	ac20	5825	Ant2	5925	-49.01	3.78	-	-45.23	Peak	-27	Pass
NVNT	ac20	5825	Ant2	5925	-57.5	3.78	0.28	-53.44	Average	-27	Pass
NVNT	ac40	5755	Ant2	5650	-50.53	3.78	-	-46.75	Peak	-27	Pass
NVNT	ac40	5755	Ant2	5650	-57.75	3.78	0.12	-53.85	Average	-27	Pass
NVNT	ac40	5755	Ant2	5700	-50.45	3.78	-	-46.67	Peak	10	Pass
NVNT	ac40	5755	Ant2	5700	-57.86	3.78	0.12	-53.96	Average	10	Pass
NVNT	ac40	5755	Ant2	5720	-43.82	3.78	-	-40.04	Peak	15.6	Pass
NVNT	ac40	5755	Ant2	5720	-54.35	3.78	0.12	-50.45	Average	15.6	Pass
NVNT	ac40	5755	Ant2	5725	-34.85	3.78	-	-31.07	Peak	27	Pass
NVNT	ac40	5755	Ant2	5725	-51.77	3.78	0.12	-47.87	Average	27	Pass
NVNT	ac40	5795	Ant2	5850	-50.84	3.78	-	-47.06	Peak	27	Pass
NVNT	ac40	5795	Ant2	5850	-58.76	3.78	0.31	-54.67	Average	27	Pass
NVNT	ac40	5795	Ant2	5855	-51.56	3.78	-	-47.78	Peak	15.6	Pass
NVNT	ac40	5795	Ant2	5855	-58.24	3.78	0.31	-54.15	Average	15.6	Pass
NVNT	ac40	5795	Ant2	5875	-50.37	3.78	-	-46.59	Peak	10	Pass
NVNT	ac40	5795	Ant2	5875	-58.4	3.78	0.31	-54.31	Average	10	Pass
NVNT	ac40	5795	Ant2	5925	-49.48	3.78	-	-45.70	Peak	-27	Pass
NVNT	ac40	5795	Ant2	5925	-57.62	3.78	0.31	-53.53	Average	-27	Pass
NVNT	ac80	5775	Ant2	5650	-47.51	3.78	-	-43.73	Peak	-27	Pass
NVNT	ac80	5775	Ant2	5650	-57.05	3.78	0.25	-53.02	Average	-27	Pass
NVNT	ac80	5775	Ant2	5700	-42.51	3.78	-	-38.73	Peak	10	Pass
NVNT	ac80	5775	Ant2	5700	-52.52	3.78	0.25	-48.49	Average	10	Pass
NVNT	ac80	5775	Ant2	5720	-38.95	3.78	-	-35.17	Peak	15.6	Pass
NVNT	ac80	5775	Ant2	5720	-48.89	3.78	0.25	-44.86	Average	15.6	Pass
NVNT	ac80	5775	Ant2	5725	-35.57	3.78	-	-31.79	Peak	27	Pass
NVNT	ac80	5775	Ant2	5725	-46.97	3.78	0.25	-42.94	Average	27	Pass

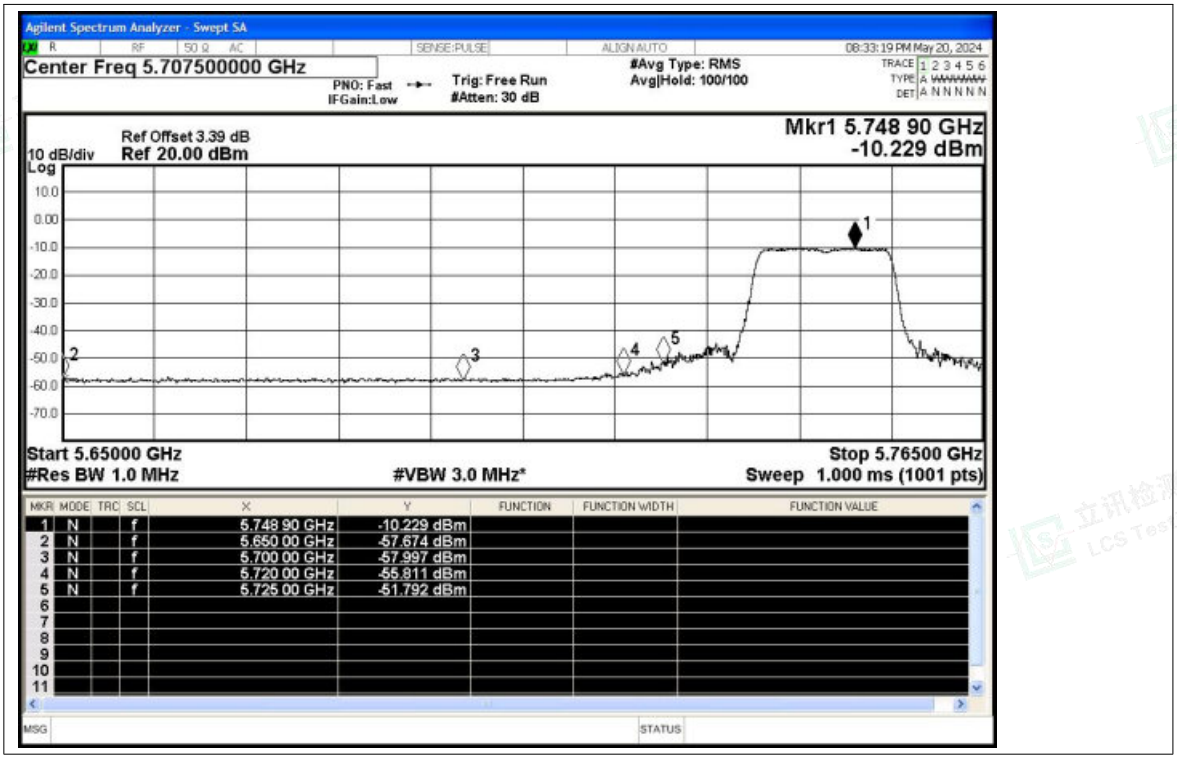
NVNT	ac80	5775	Ant2	5850	-42.09	3.78	-	-38.31	Peak	27	Pass
NVNT	ac80	5775	Ant2	5850	-53.2	3.78	0.25	-49.17	Average	27	Pass
NVNT	ac80	5775	Ant2	5855	-43.91	3.78	-	-40.13	Peak	15.6	Pass
NVNT	ac80	5775	Ant2	5855	-53.42	3.78	0.25	-49.39	Average	15.6	Pass
NVNT	ac80	5775	Ant2	5875	-50.18	3.78	-	-46.40	Peak	10	Pass
NVNT	ac80	5775	Ant2	5875	-56.92	3.78	0.25	-52.89	Average	10	Pass
NVNT	ac80	5775	Ant2	5925	-50.08	3.78	-	-46.30	Peak	-27	Pass
NVNT	ac80	5775	Ant2	5925	-57.97	3.78	0.25	-53.94	Average	-27	Pass

Test Graphs

Restrict Band NVNT a 5745MHz Ant2 Peak



Restrict Band NVNT a 5745MHz Ant2 Average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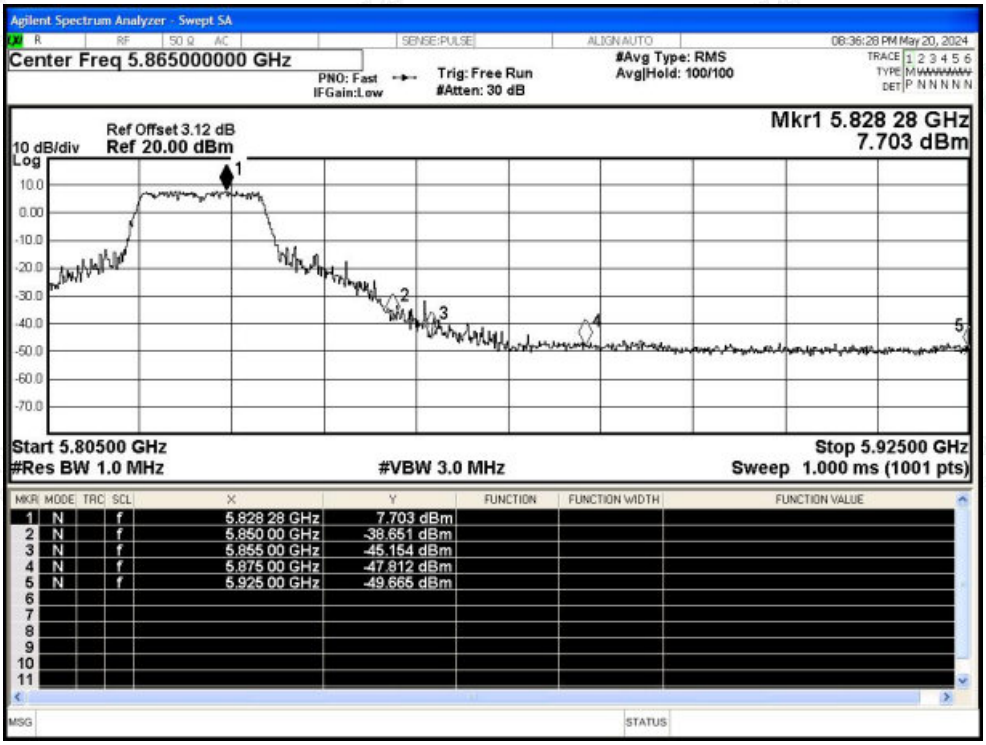
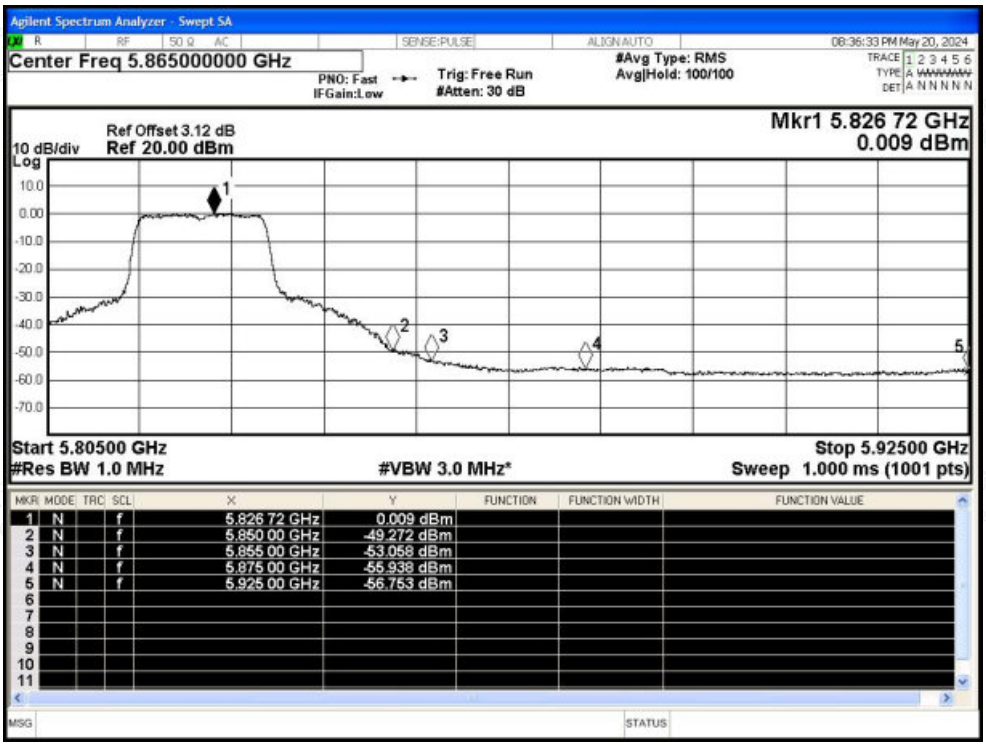
Center Freq 5.707500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
08:33:19 PM May 20, 2024
Ref Offset 3.39 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr1 5.748 90 GHz
-10.229 dBm
Start 5.65000 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 5.76500 GHz
Sweep 1.000 ms (1001 pts)
1 N f 5.748 90 GHz -10.229 dBm
2 N f 5.650 00 GHz -57.674 dBm
3 N f 5.700 00 GHz -57.997 dBm
4 N f 5.720 00 GHz -55.811 dBm
5 N f 5.725 00 GHz -51.792 dBm

Restrict Band NVNT a 5825MHz Ant2 Peak



Restrict Band NVNT a 5825MHz Ant2 Average