



Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: Set top box

Test Model: Real Vision 4K Plus

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Taylor Hu
Supervised by:	Ling Zhu





E.1 -6dB Bandwidth

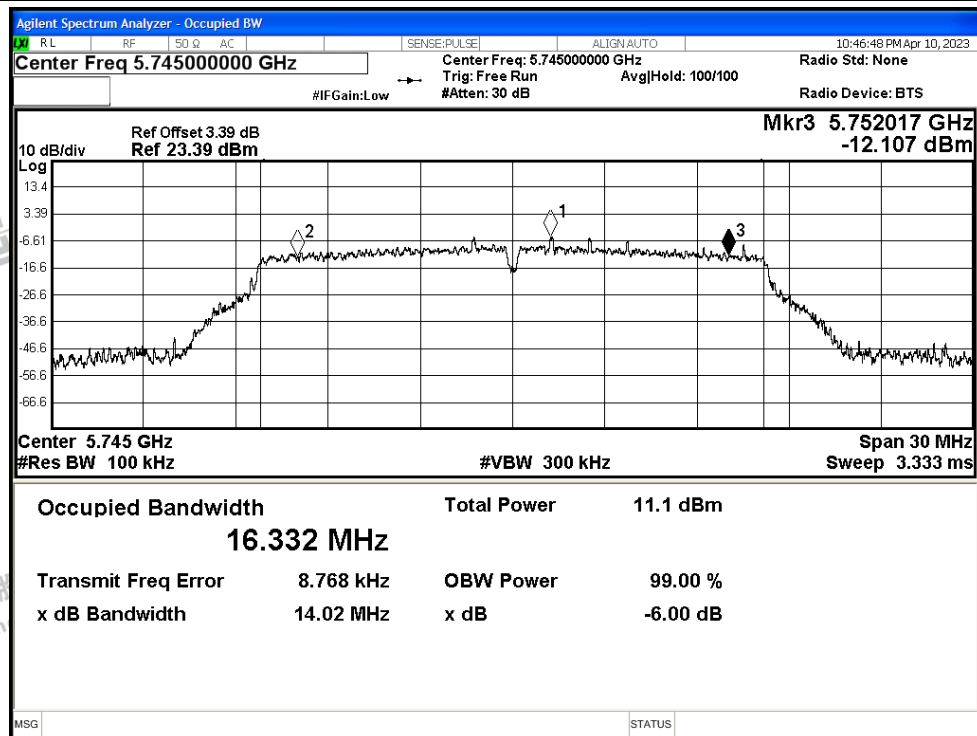
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant0	14.016	>=0.5	Pass
NVNT	a	5785	Ant0	13.885	>=0.5	Pass
NVNT	a	5825	Ant0	15.676	>=0.5	Pass
NVNT	n20	5745	Ant0	15.005	>=0.5	Pass
NVNT	n20	5785	Ant0	14.568	>=0.5	Pass
NVNT	n20	5825	Ant0	15.088	>=0.5	Pass
NVNT	n40	5755	Ant0	32.502	>=0.5	Pass
NVNT	n40	5795	Ant0	33.877	>=0.5	Pass
NVNT	ac20	5745	Ant0	15.072	>=0.5	Pass
NVNT	ac20	5785	Ant0	13.83	>=0.5	Pass
NVNT	ac20	5825	Ant0	14.343	>=0.5	Pass
NVNT	ac40	5755	Ant0	35.081	>=0.5	Pass
NVNT	ac40	5795	Ant0	35.07	>=0.5	Pass
NVNT	ac80	5775	Ant0	75.098	>=0.5	Pass



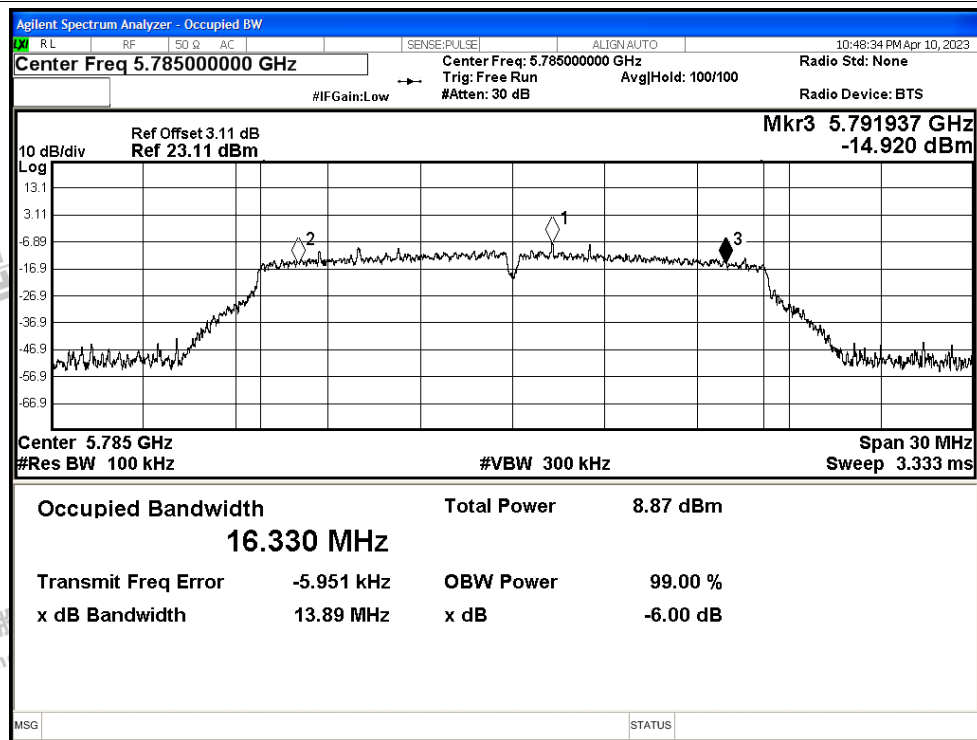


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant0

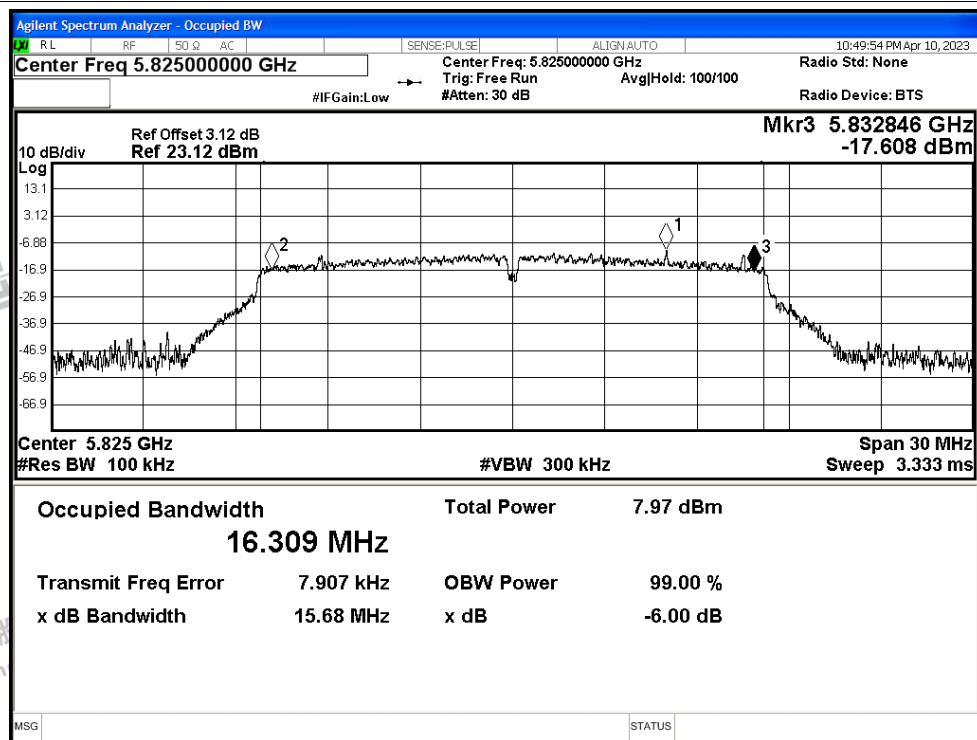


-6dB Bandwidth NVNT a 5785MHz Ant0

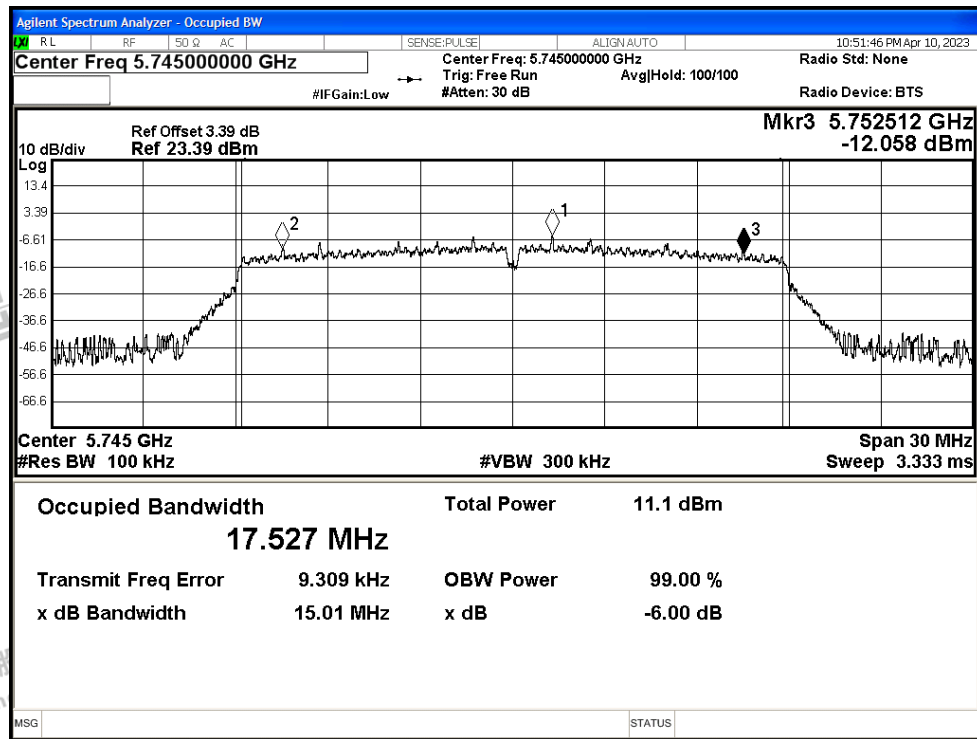




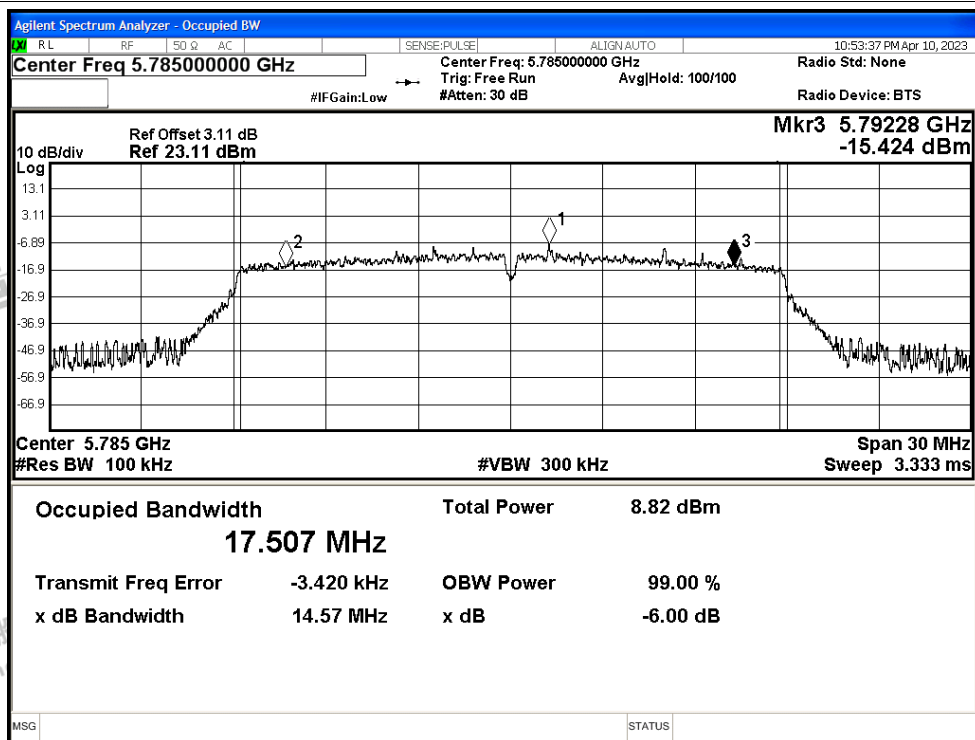
-6dB Bandwidth NVNT a 5825MHz Ant0



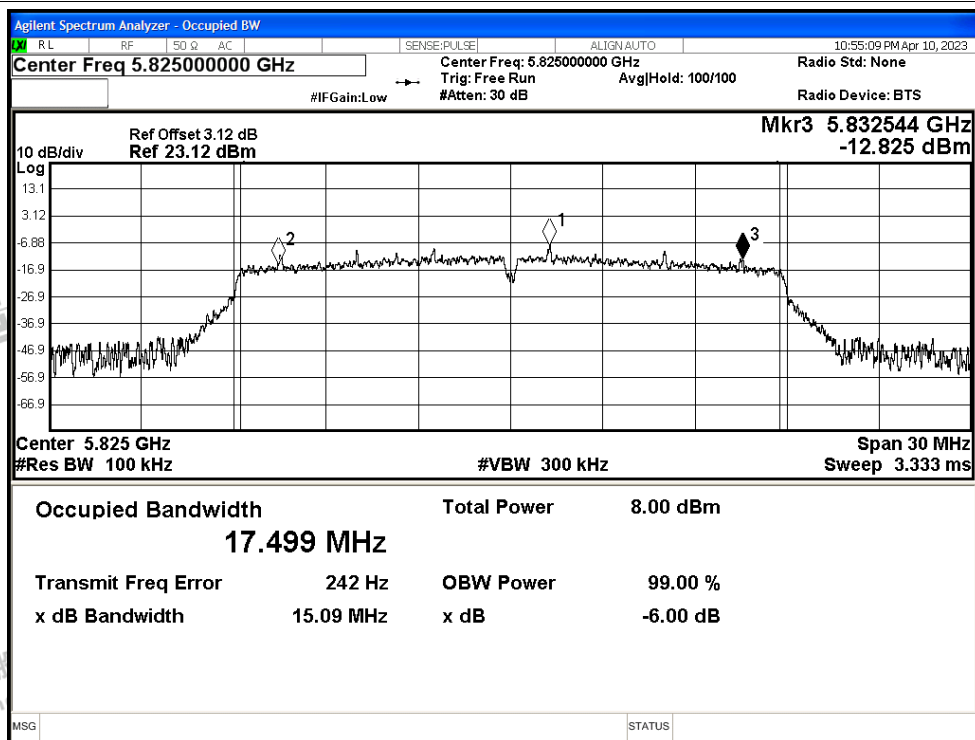
-6dB Bandwidth NVNT n20 5745MHz Ant0



-6dB Bandwidth NVNT n20 5785MHz Ant0

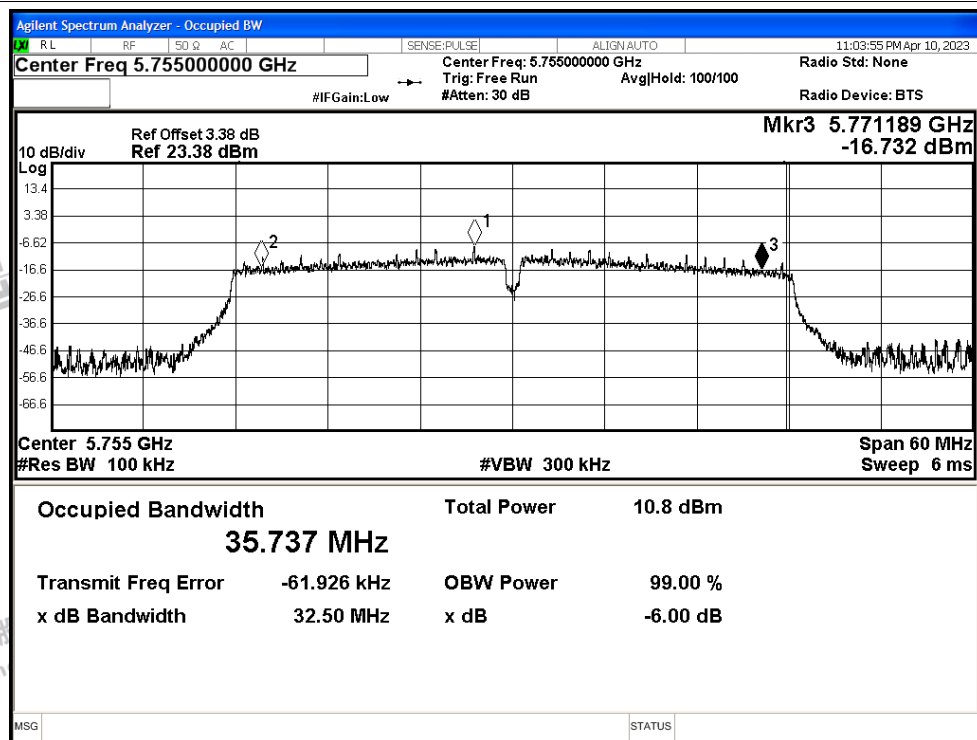


-6dB Bandwidth NVNT n20 5825MHz Ant0

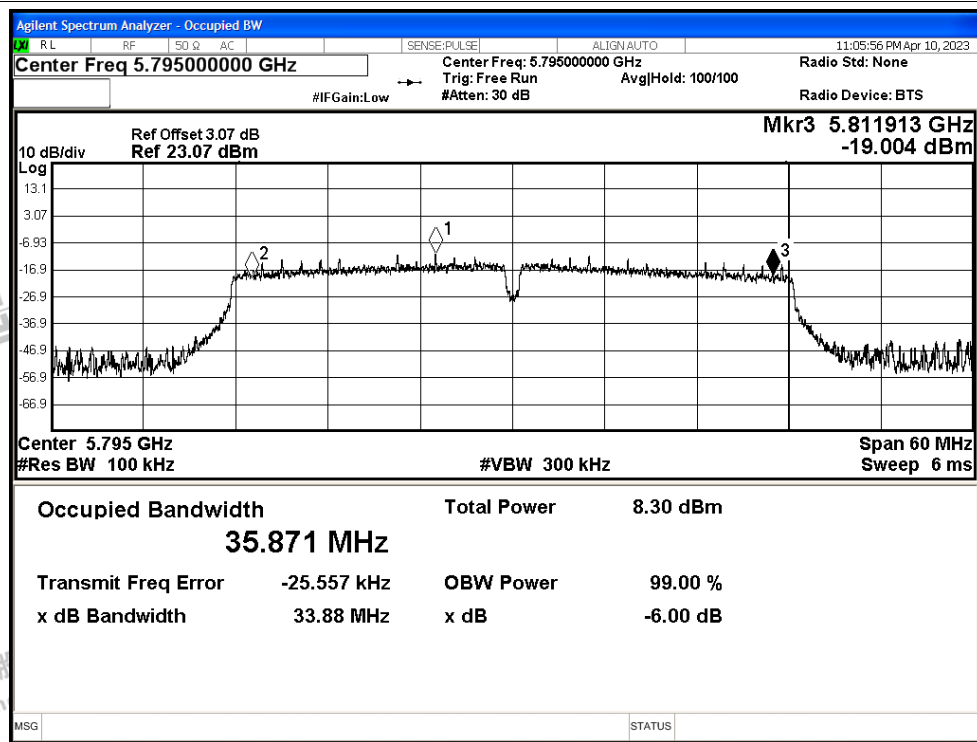




-6dB Bandwidth NVNT n40 5755MHz Ant0

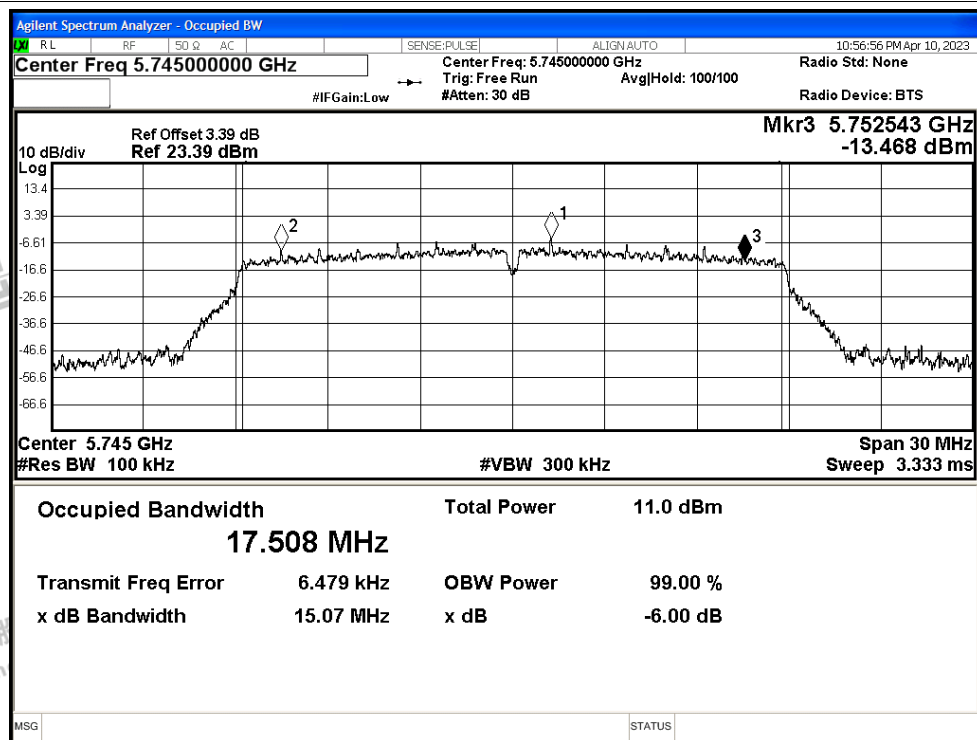


-6dB Bandwidth NVNT n40 5795MHz Ant0

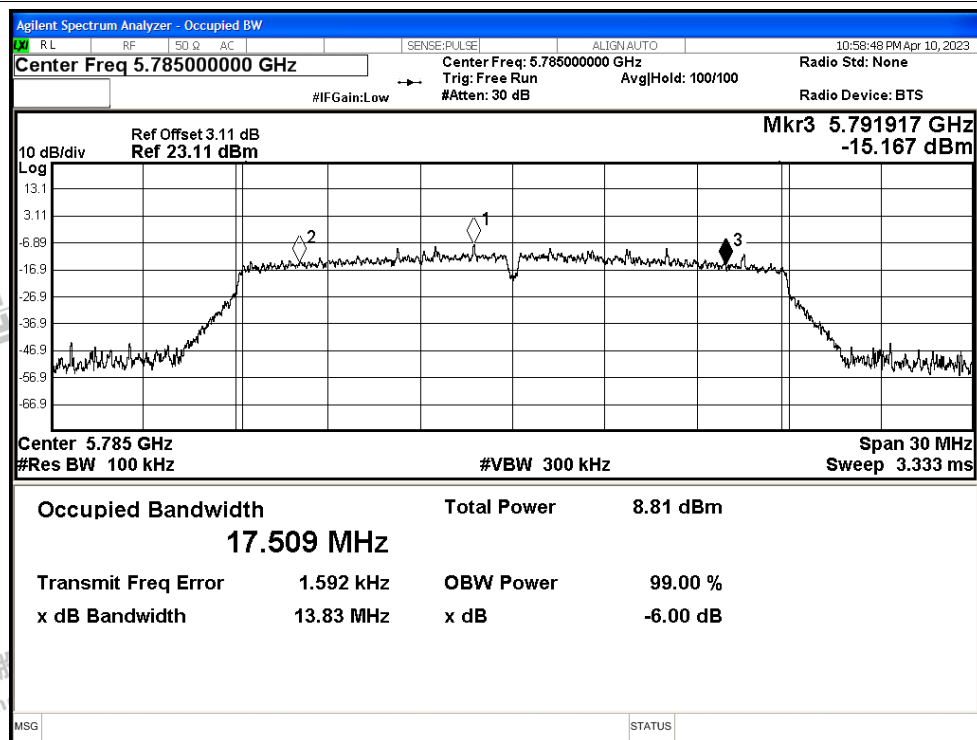




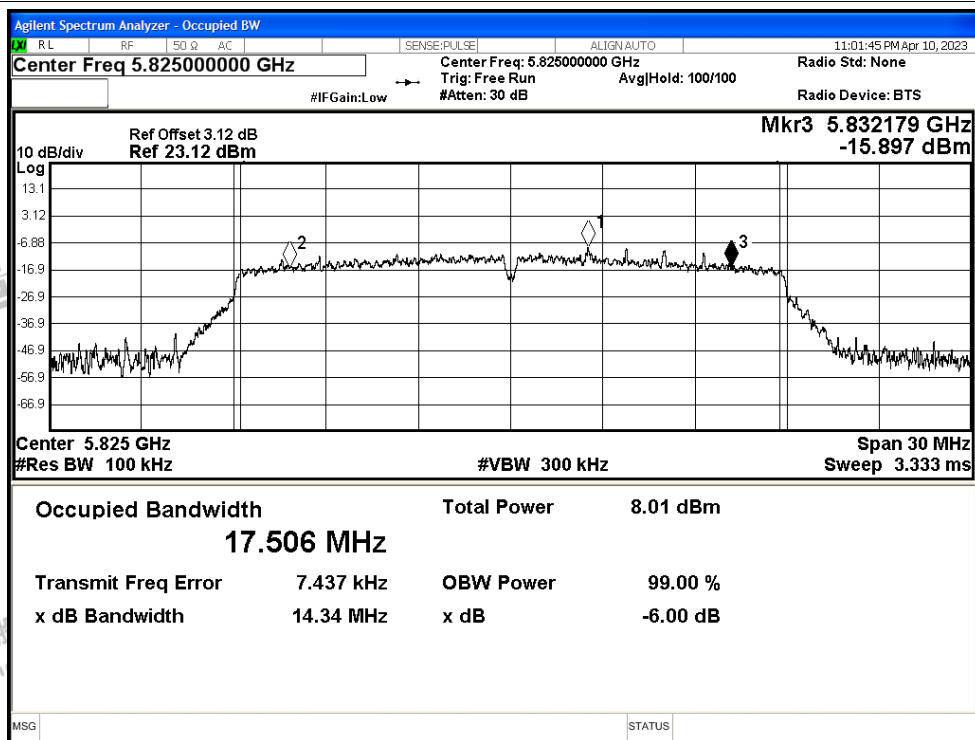
-6dB Bandwidth NVNT ac20 5745MHz Ant0



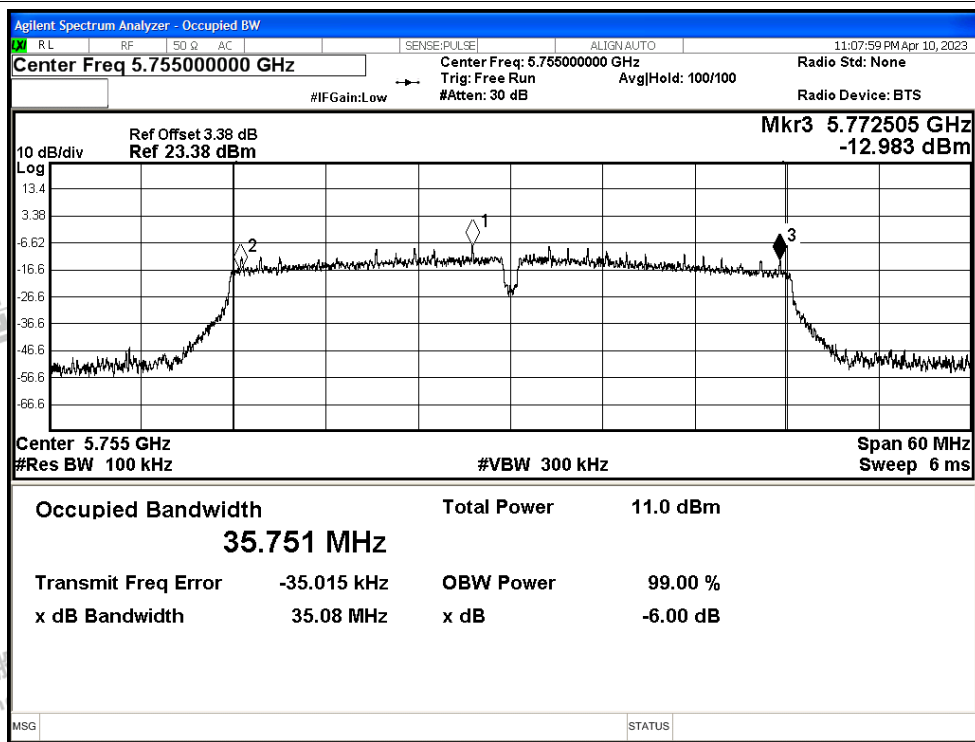
-6dB Bandwidth NVNT ac20 5785MHz Ant0



-6dB Bandwidth NVNT ac20 5825MHz Ant0

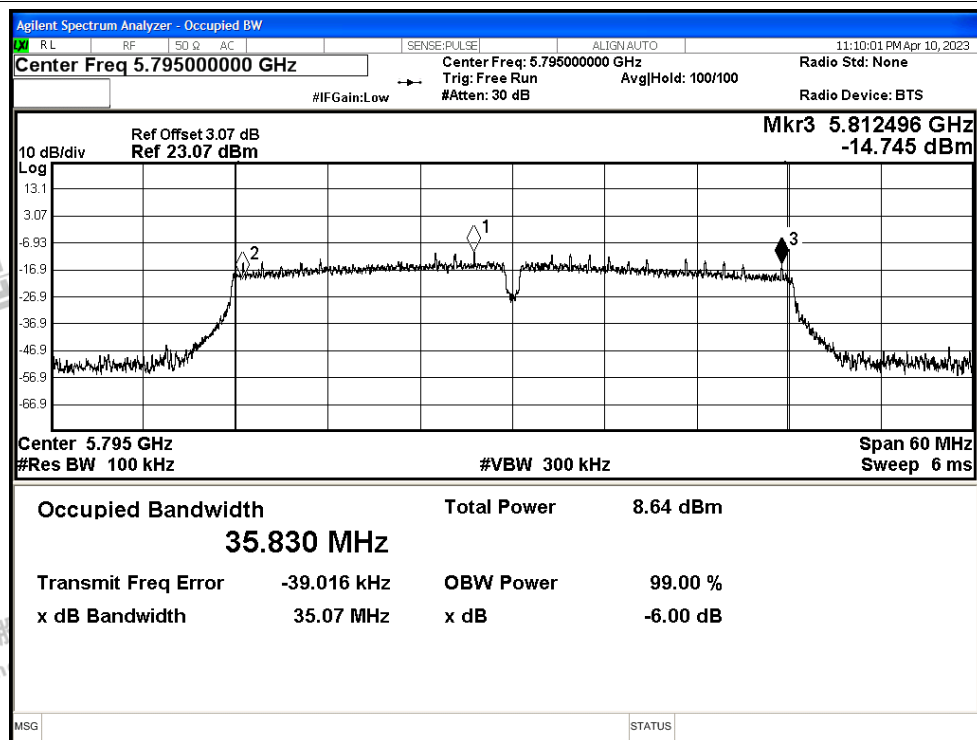


-6dB Bandwidth NVNT ac40 5755MHz Ant0

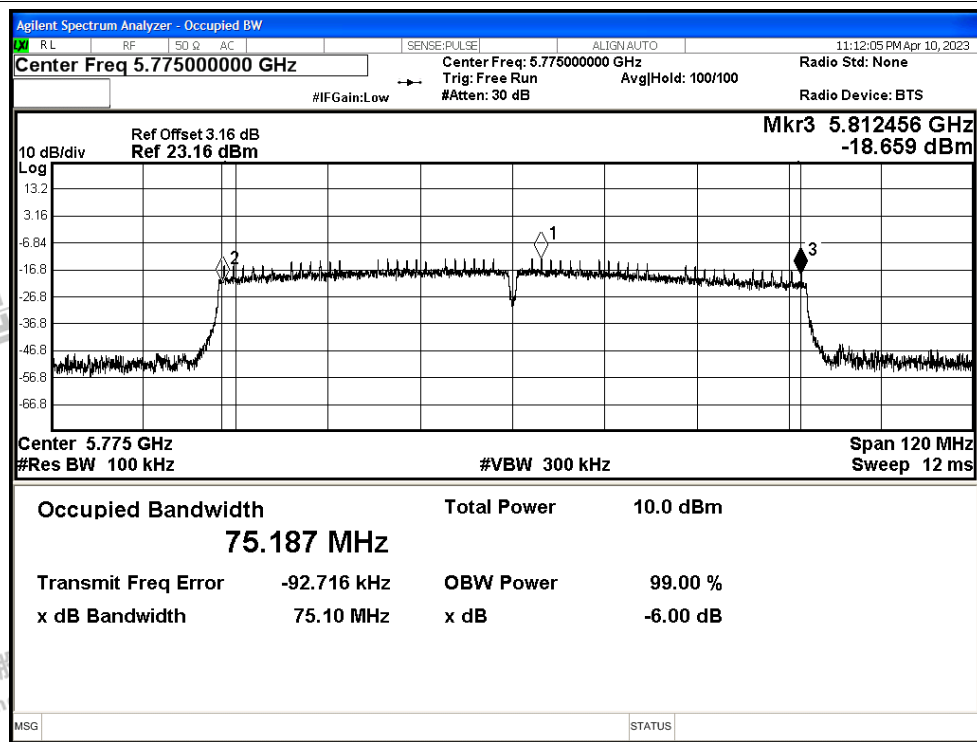




-6dB Bandwidth NVNT ac40 5795MHz Ant0



-6dB Bandwidth NVNT ac80 5775MHz Ant0





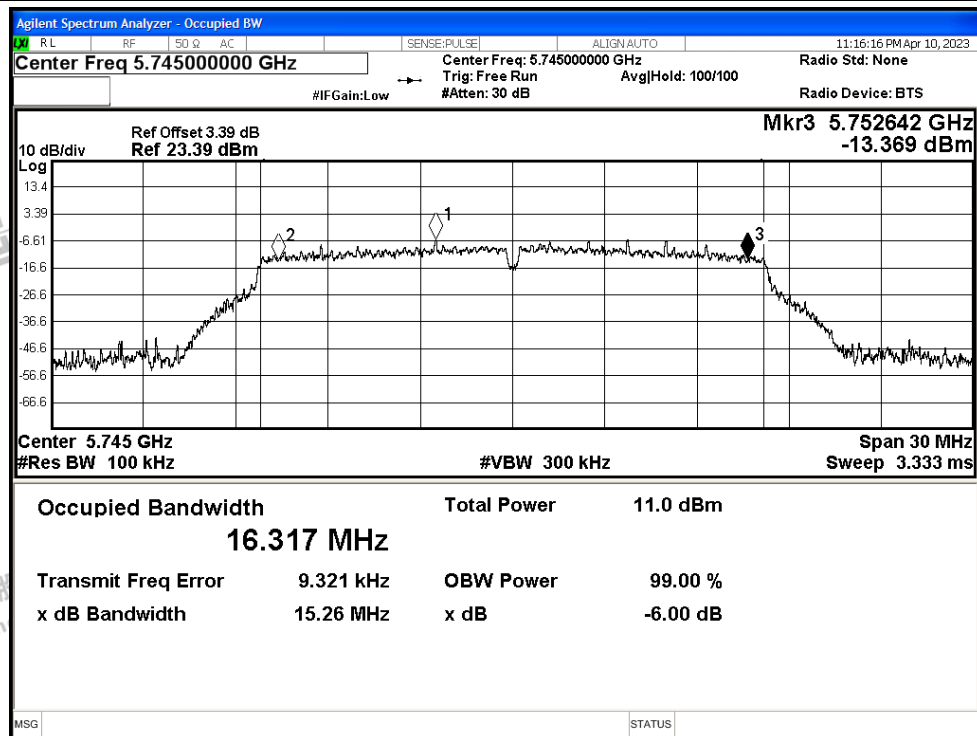
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.265	≥ 0.5	Pass
NVNT	a	5785	Ant1	12.965	≥ 0.5	Pass
NVNT	a	5825	Ant1	15.123	≥ 0.5	Pass
NVNT	n20	5745	Ant1	15.065	≥ 0.5	Pass
NVNT	n20	5785	Ant1	13.772	≥ 0.5	Pass
NVNT	n20	5825	Ant1	15.111	≥ 0.5	Pass
NVNT	n40	5755	Ant1	35.008	≥ 0.5	Pass
NVNT	n40	5795	Ant1	35.106	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	16.874	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	15.107	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	14.438	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	32.54	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	35.094	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	75.12	≥ 0.5	Pass



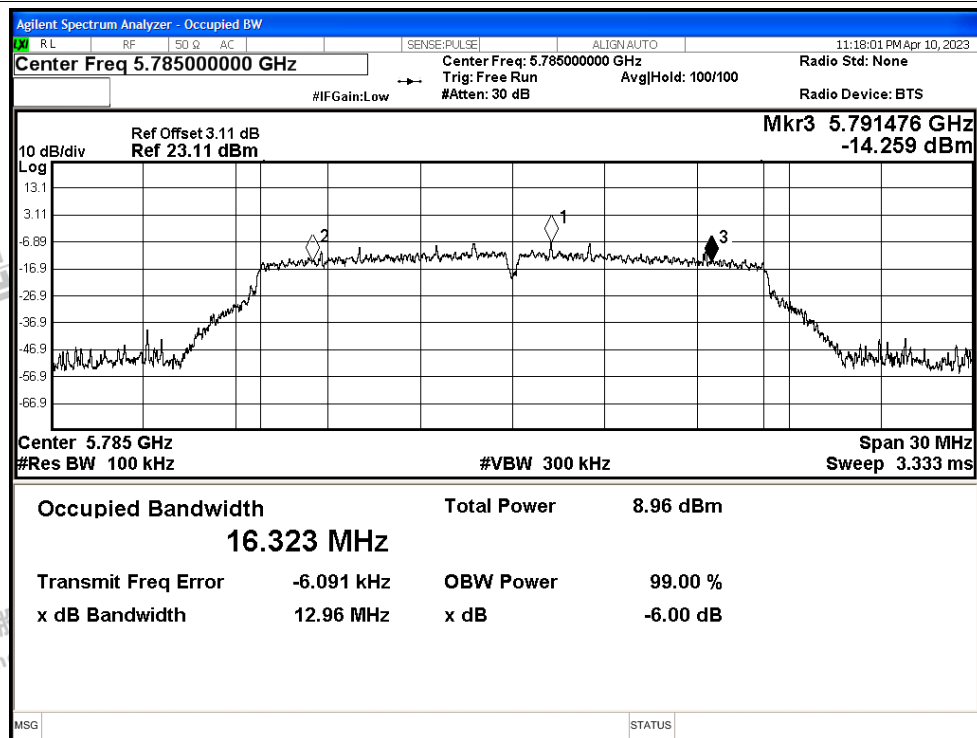


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

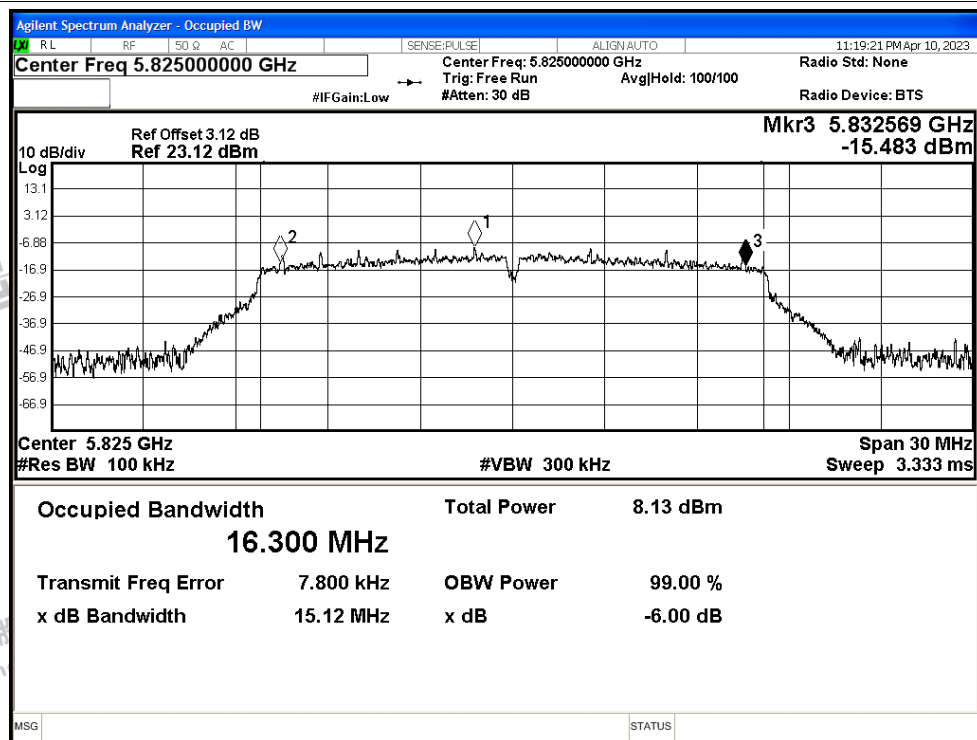


-6dB Bandwidth NVNT a 5785MHz Ant1

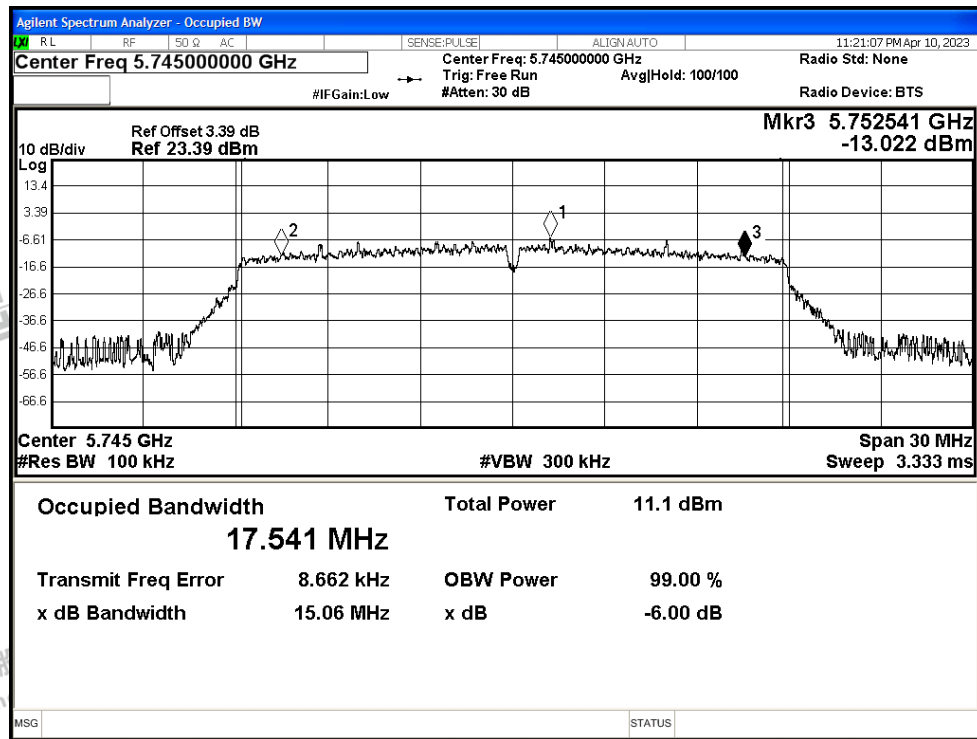




-6dB Bandwidth NVNT a 5825MHz Ant1

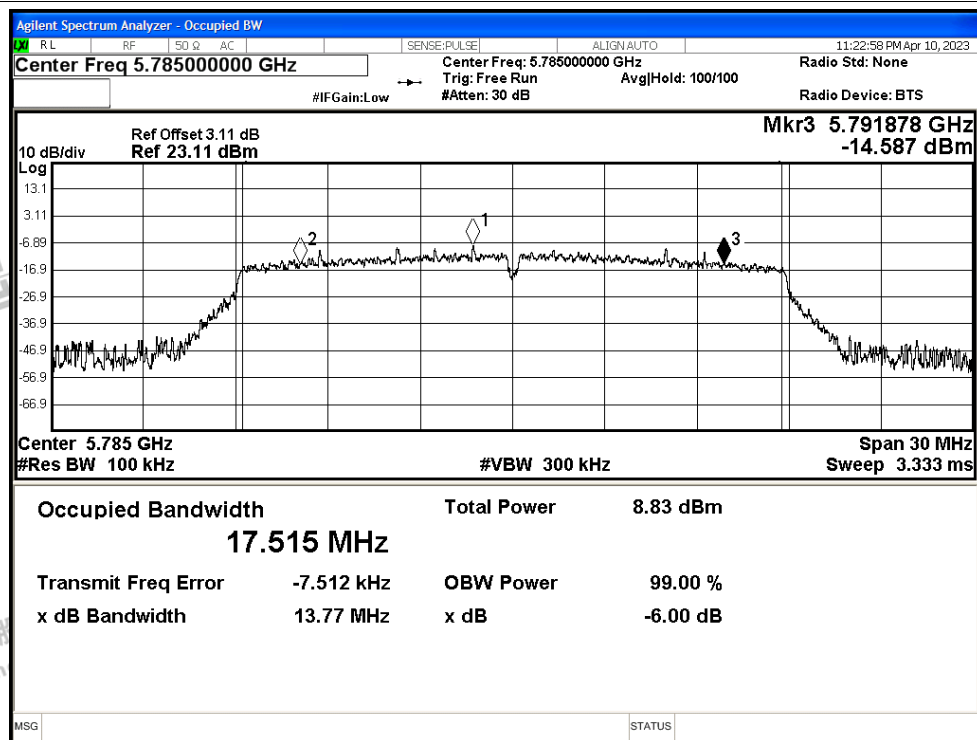


-6dB Bandwidth NVNT n20 5745MHz Ant1

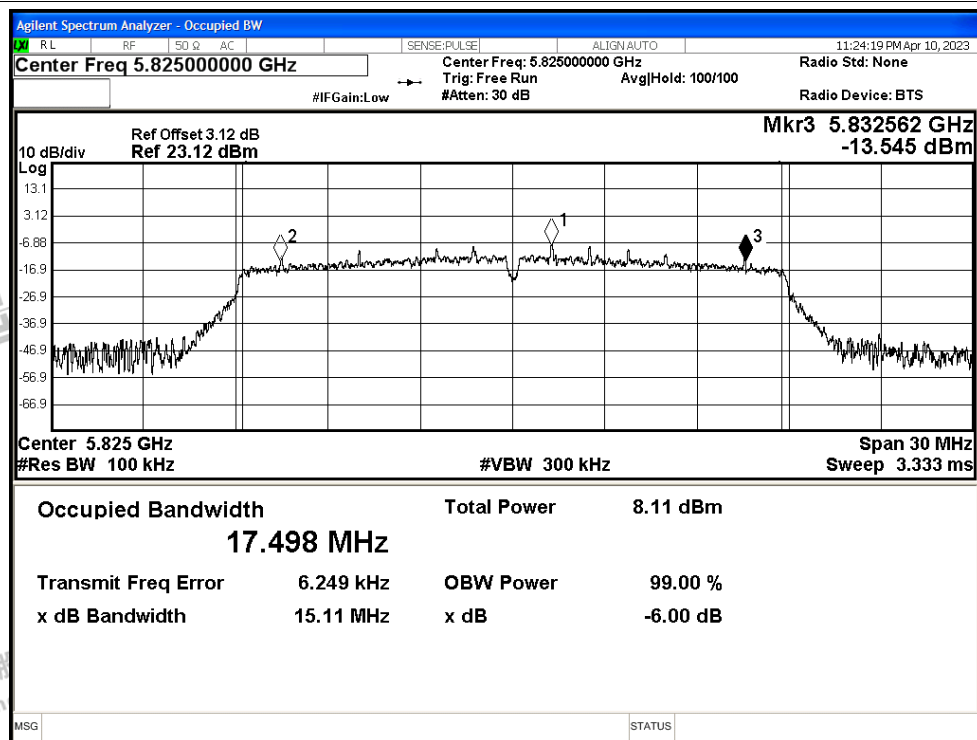




-6dB Bandwidth NVNT n20 5785MHz Ant1

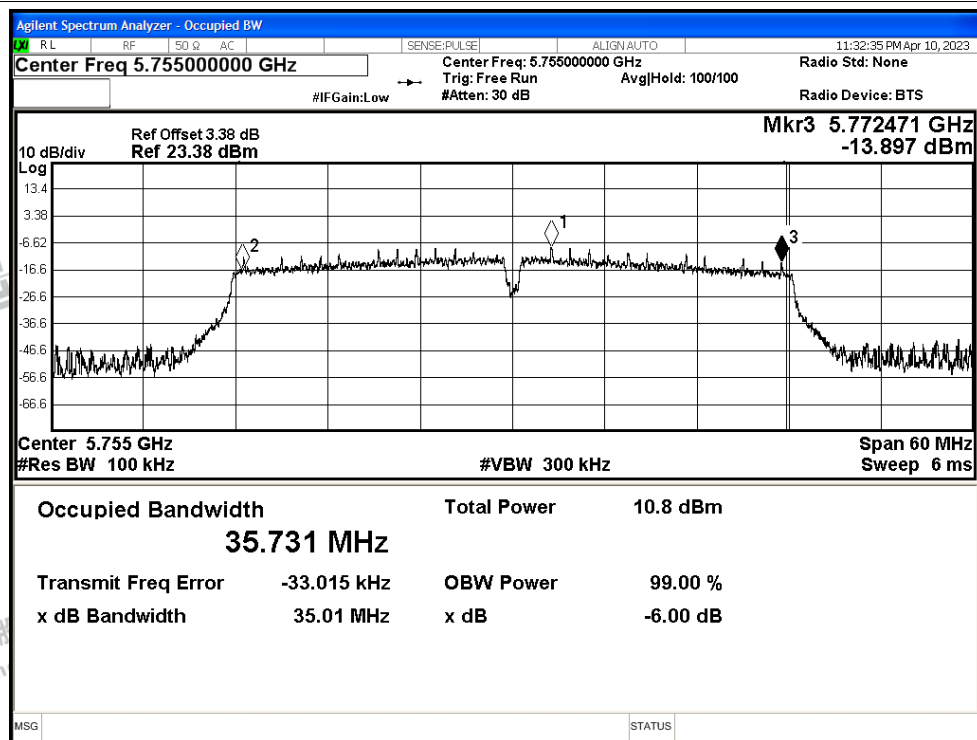


-6dB Bandwidth NVNT n20 5825MHz Ant1

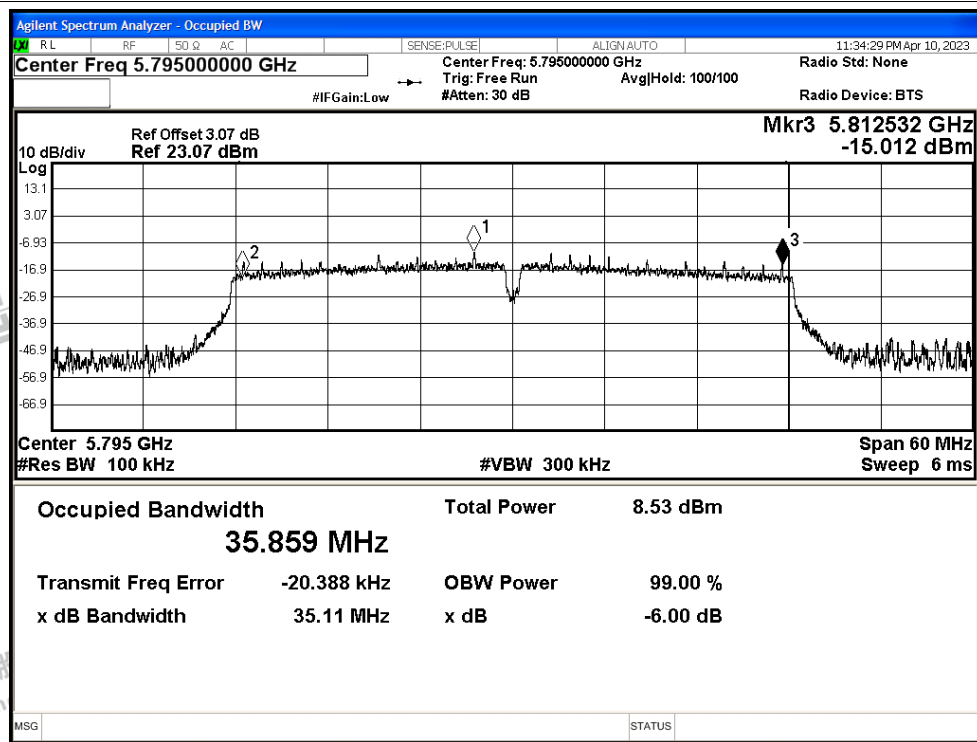




-6dB Bandwidth NVNT n40 5755MHz Ant1

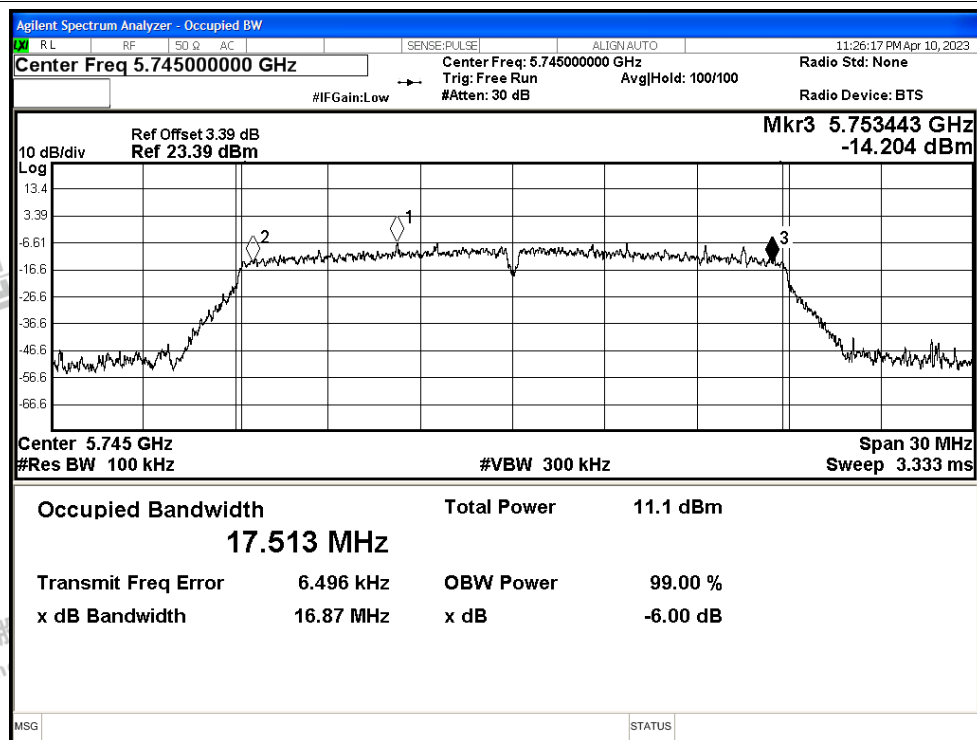


-6dB Bandwidth NVNT n40 5795MHz Ant1

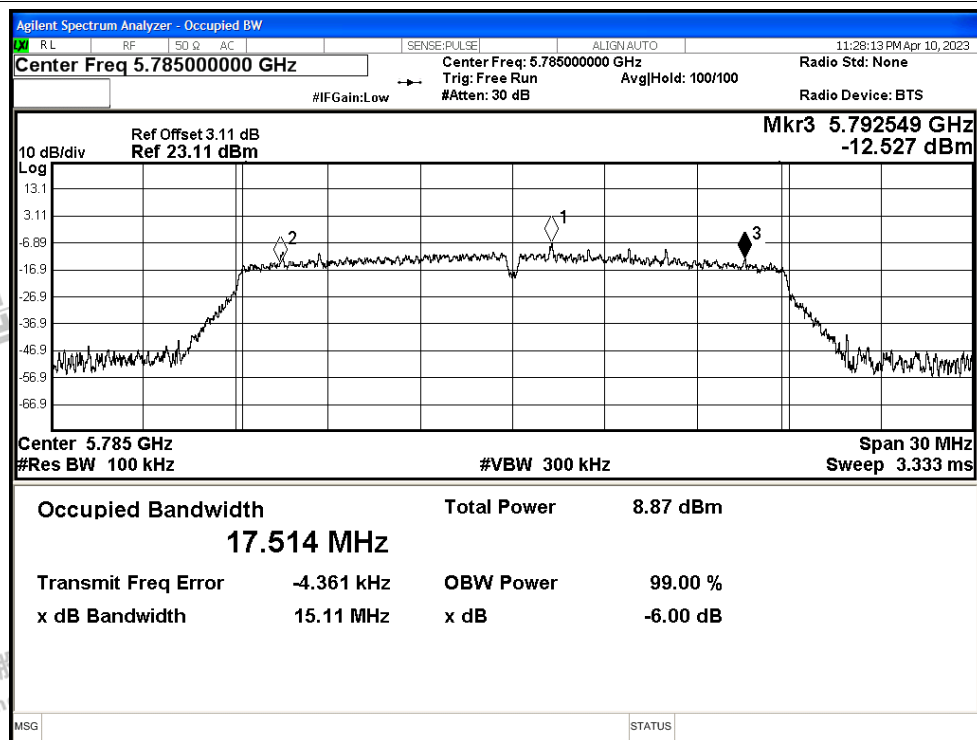




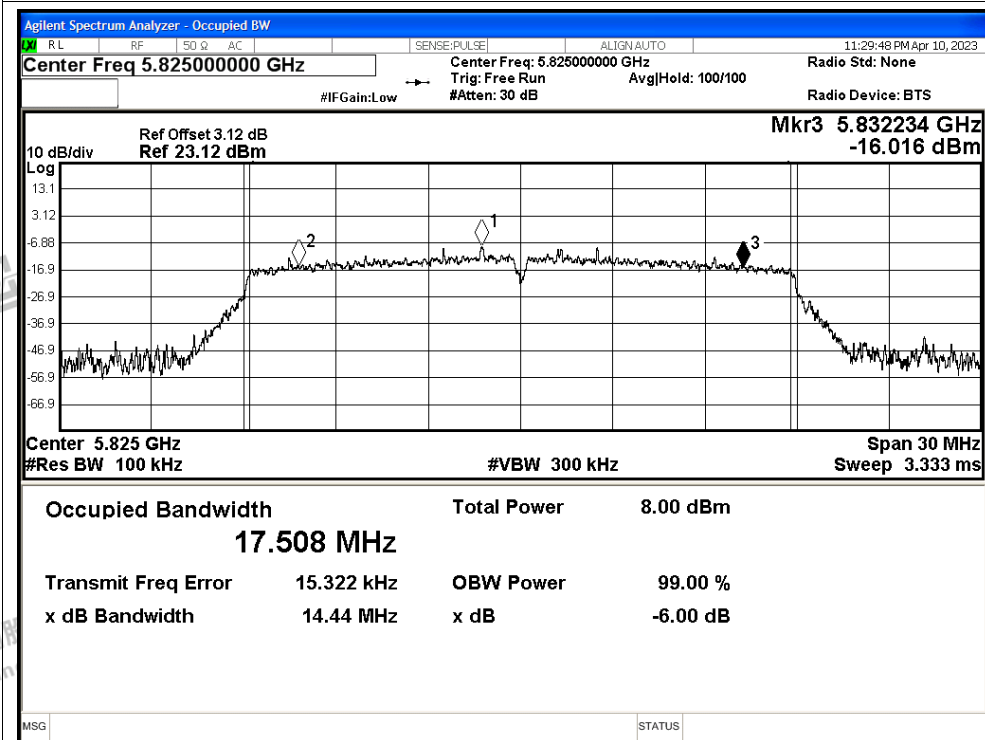
-6dB Bandwidth NVNT ac20 5745MHz Ant1



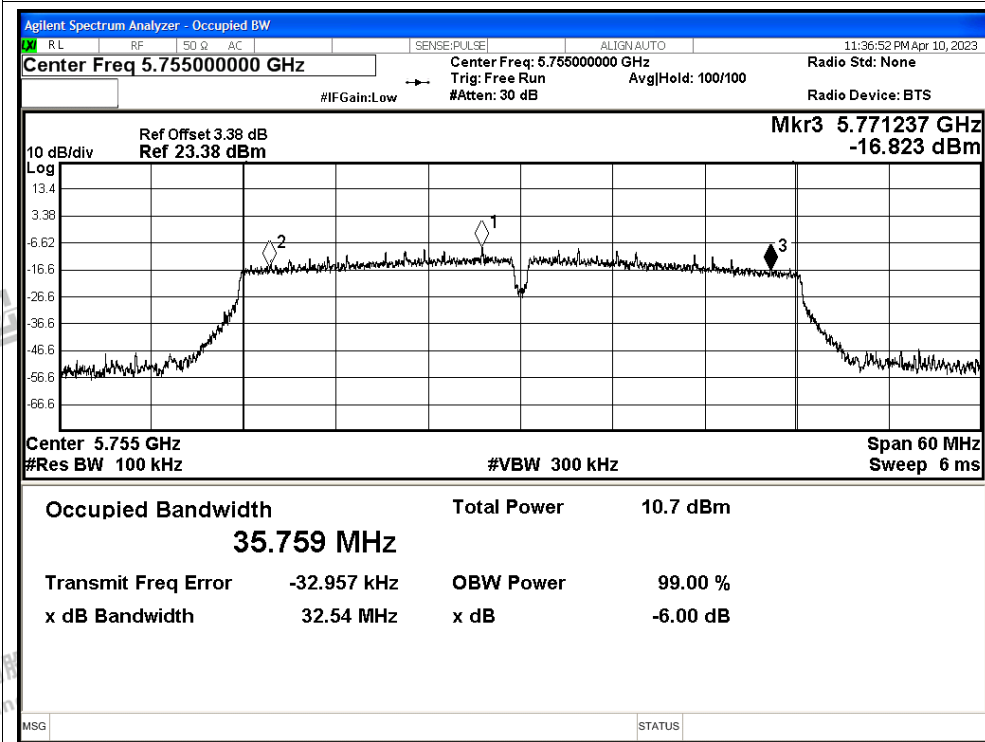
-6dB Bandwidth NVNT ac20 5785MHz Ant1



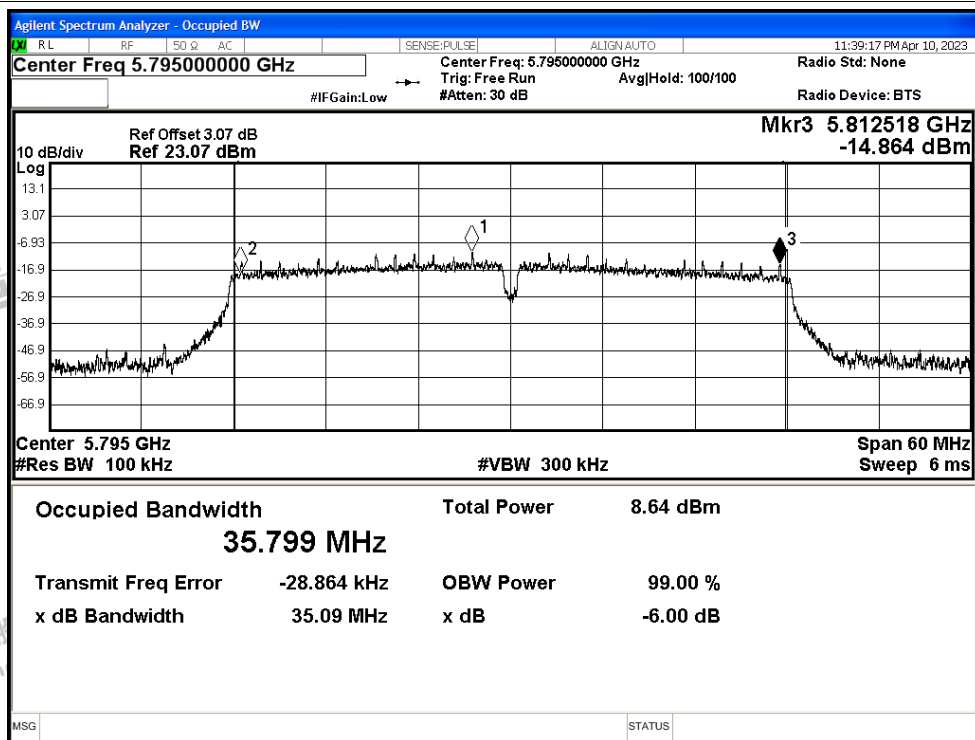
-6dB Bandwidth NVNT ac20 5825MHz Ant1



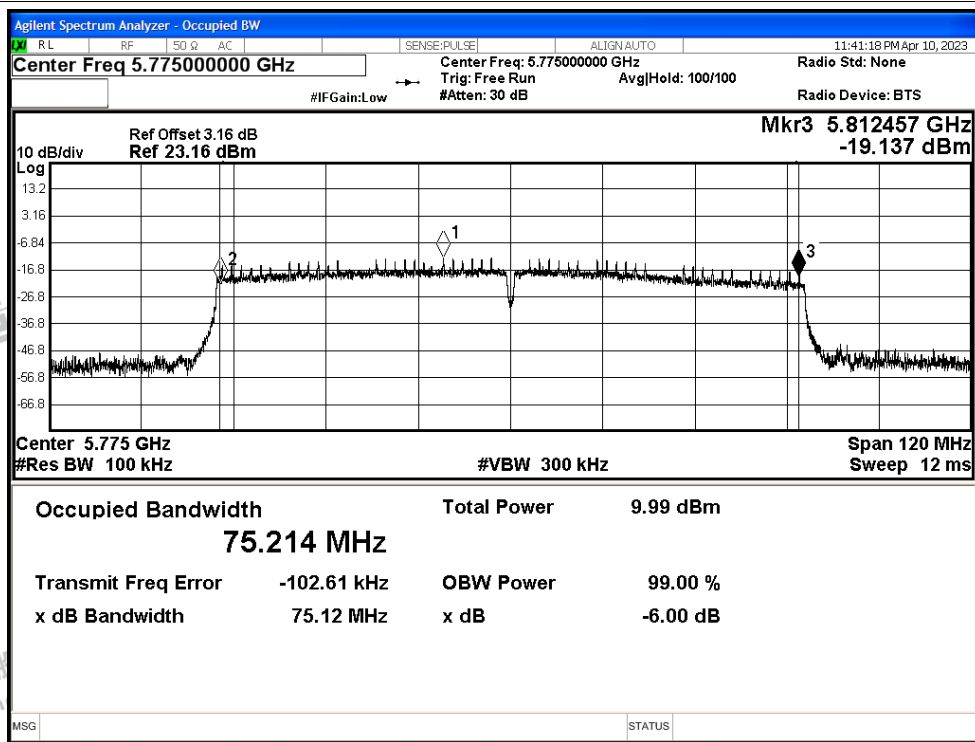
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-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	5.27	0.13	5.40	30	Pass
NVNT	a	5785	Ant0	3.03	0.13	3.16	30	Pass
NVNT	a	5825	Ant0	2.23	0.13	2.36	30	Pass
NVNT	n20	5745	Ant0	5.12	0.14	5.26	30	Pass
NVNT	n20	5785	Ant0	2.91	0.15	3.06	30	Pass
NVNT	n20	5825	Ant0	2.06	0.15	2.21	30	Pass
NVNT	n40	5755	Ant0	4.38	0.29	4.67	30	Pass
NVNT	n40	5795	Ant0	1.96	0.29	2.25	30	Pass
NVNT	ac20	5745	Ant0	5.14	0.14	5.28	30	Pass
NVNT	ac20	5785	Ant0	2.87	0.14	3.01	30	Pass
NVNT	ac20	5825	Ant0	2.05	0.14	2.19	30	Pass
NVNT	ac40	5755	Ant0	4.36	0.28	4.64	30	Pass
NVNT	ac40	5795	Ant0	1.96	0.28	2.24	30	Pass
NVNT	ac80	5775	Ant0	2.86	0.57	3.43	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5.3	0.14	5.44	30	Pass
NVNT	a	5785	Ant1	3.12	0.13	3.25	30	Pass
NVNT	a	5825	Ant1	2.24	0.14	2.38	30	Pass
NVNT	n20	5745	Ant1	5.08	0.15	5.23	30	Pass
NVNT	n20	5785	Ant1	2.97	0.14	3.11	30	Pass
NVNT	n20	5825	Ant1	2.14	0.14	2.28	30	Pass
NVNT	n40	5755	Ant1	4.39	0.29	4.68	30	Pass
NVNT	n40	5795	Ant1	2.16	0.29	2.45	30	Pass
NVNT	ac20	5745	Ant1	5.19	0.14	5.33	30	Pass
NVNT	ac20	5785	Ant1	2.99	0.15	3.14	30	Pass
NVNT	ac20	5825	Ant1	2.1	0.14	2.24	30	Pass
NVNT	ac40	5755	Ant1	4.35	0.28	4.63	30	Pass
NVNT	ac40	5795	Ant1	2	0.28	2.28	30	Pass
NVNT	ac80	5775	Ant1	2.84	0.55	3.39	30	Pass





MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5745	5.26	5.23	8.26	30	Pass
NVNT	n20	5785	3.06	3.11	6.10	30	Pass
NVNT	n20	5825	2.21	2.28	5.26	30	Pass
NVNT	n40	5755	4.67	4.68	7.69	30	Pass
NVNT	n40	5795	2.25	2.45	5.36	30	Pass
NVNT	ac20	5745	5.28	5.33	8.32	30	Pass
NVNT	ac20	5785	3.01	3.14	6.09	30	Pass
NVNT	ac20	5825	2.19	2.24	5.23	30	Pass
NVNT	ac40	5755	4.64	4.63	7.65	30	Pass
NVNT	ac40	5795	2.24	2.28	5.27	30	Pass
NVNT	ac80	5775	3.43	3.39	6.42	30	Pass





E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	-10.02	0.13	-9.89	30	Pass
NVNT	a	5785	Ant0	-11.77	0.13	-11.64	30	Pass
NVNT	a	5825	Ant0	-13.32	0.13	-13.19	30	Pass
NVNT	n20	5745	Ant0	-9.93	0.14	-9.79	30	Pass
NVNT	n20	5785	Ant0	-12.89	0.15	-12.74	30	Pass
NVNT	n20	5825	Ant0	-13.66	0.15	-13.51	30	Pass
NVNT	n40	5755	Ant0	-14.64	0.29	-14.35	30	Pass
NVNT	n40	5795	Ant0	-16.6	0.29	-16.31	30	Pass
NVNT	ac20	5745	Ant0	-10.4	0.14	-10.26	30	Pass
NVNT	ac20	5785	Ant0	-12.1	0.14	-11.96	30	Pass
NVNT	ac20	5825	Ant0	-12.72	0.14	-12.58	30	Pass
NVNT	ac40	5755	Ant0	-14.81	0.28	-14.53	30	Pass
NVNT	ac40	5795	Ant0	-16.45	0.28	-16.17	30	Pass
NVNT	ac80	5775	Ant0	-21.08	0.57	-20.51	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-10.15	0.14	-10.01	30	Pass
NVNT	a	5785	Ant1	-11.92	0.13	-11.79	30	Pass
NVNT	a	5825	Ant1	-13.19	0.14	-13.05	30	Pass
NVNT	n20	5745	Ant1	-10.09	0.15	-9.94	30	Pass
NVNT	n20	5785	Ant1	-11.64	0.14	-11.5	30	Pass
NVNT	n20	5825	Ant1	-12.16	0.14	-12.02	30	Pass
NVNT	n40	5755	Ant1	-15.22	0.29	-14.93	30	Pass
NVNT	n40	5795	Ant1	-17.21	0.29	-16.92	30	Pass
NVNT	ac20	5745	Ant1	-9.95	0.14	-9.81	30	Pass
NVNT	ac20	5785	Ant1	-12.44	0.15	-12.29	30	Pass
NVNT	ac20	5825	Ant1	-12.46	0.14	-12.32	30	Pass
NVNT	ac40	5755	Ant1	-14.28	0.28	-14	30	Pass
NVNT	ac40	5795	Ant1	-17.36	0.28	-17.08	30	Pass
NVNT	ac80	5775	Ant1	-19.97	0.55	-19.42	30	Pass





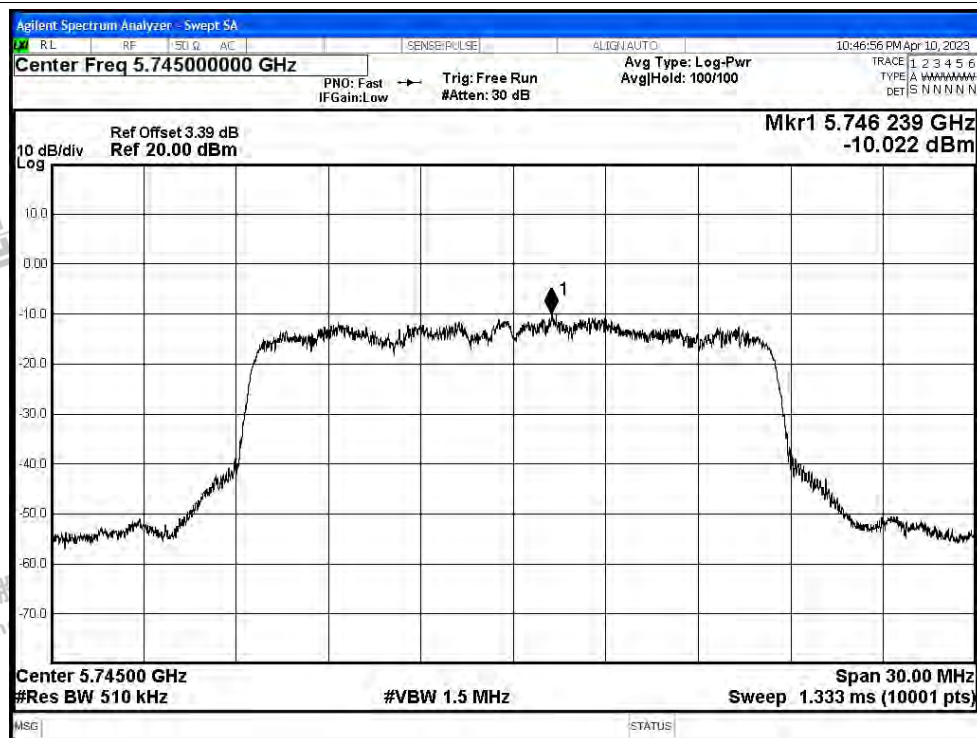
MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/500KHz)			Limit (dBm/500KHz)	Verdict
			Ant0	Ant1	Ant0+Ant1		
NVNT	n20	5745	-9.79	-9.94	-6.85	30	Pass
NVNT	n20	5785	-12.74	-11.5	-9.07	30	Pass
NVNT	n20	5825	-13.51	-12.02	-9.69	30	Pass
NVNT	n40	5755	-14.35	-14.93	-11.62	30	Pass
NVNT	n40	5795	-16.31	-16.92	-13.59	30	Pass
NVNT	ac20	5745	-10.26	-9.81	-7.02	30	Pass
NVNT	ac20	5785	-11.96	-12.29	-9.11	30	Pass
NVNT	ac20	5825	-12.58	-12.32	-9.44	30	Pass
NVNT	ac40	5755	-14.53	-14	-11.25	30	Pass
NVNT	ac40	5795	-16.17	-17.08	-13.59	30	Pass
NVNT	ac80	5775	-20.51	-19.42	-16.92	30	Pass

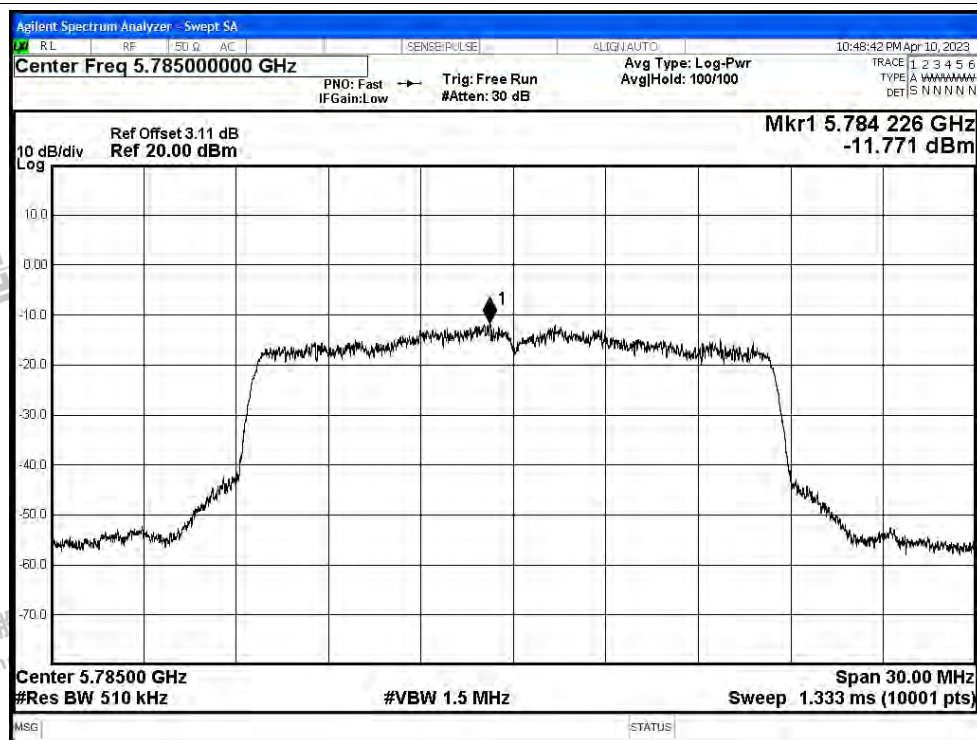


Test Graphs

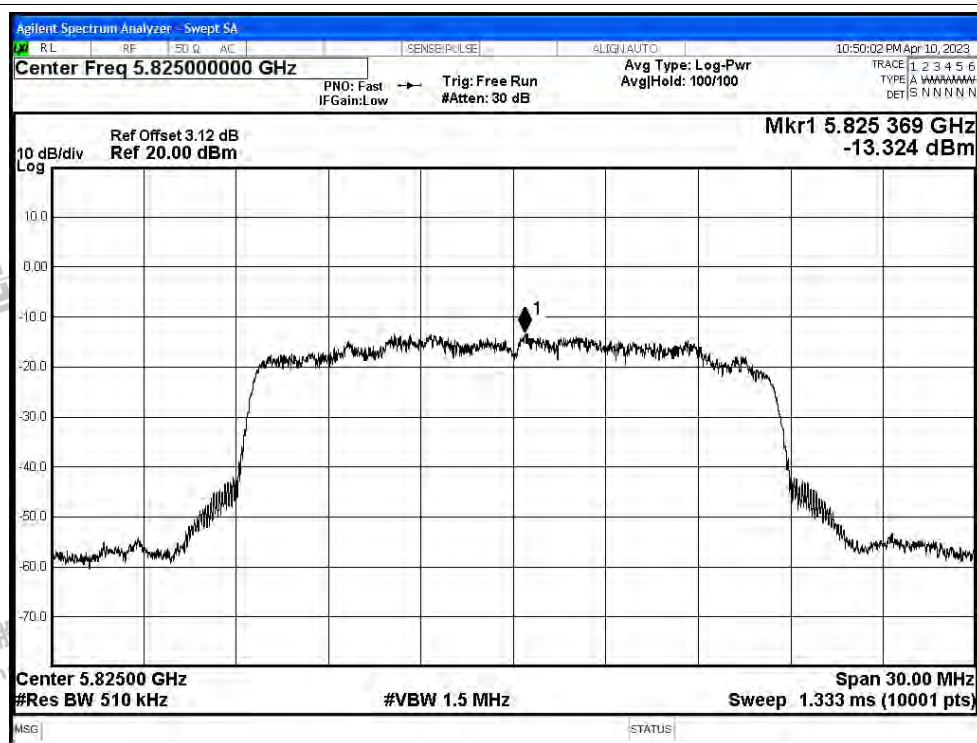
PSD NVNT a 5745MHz Ant0



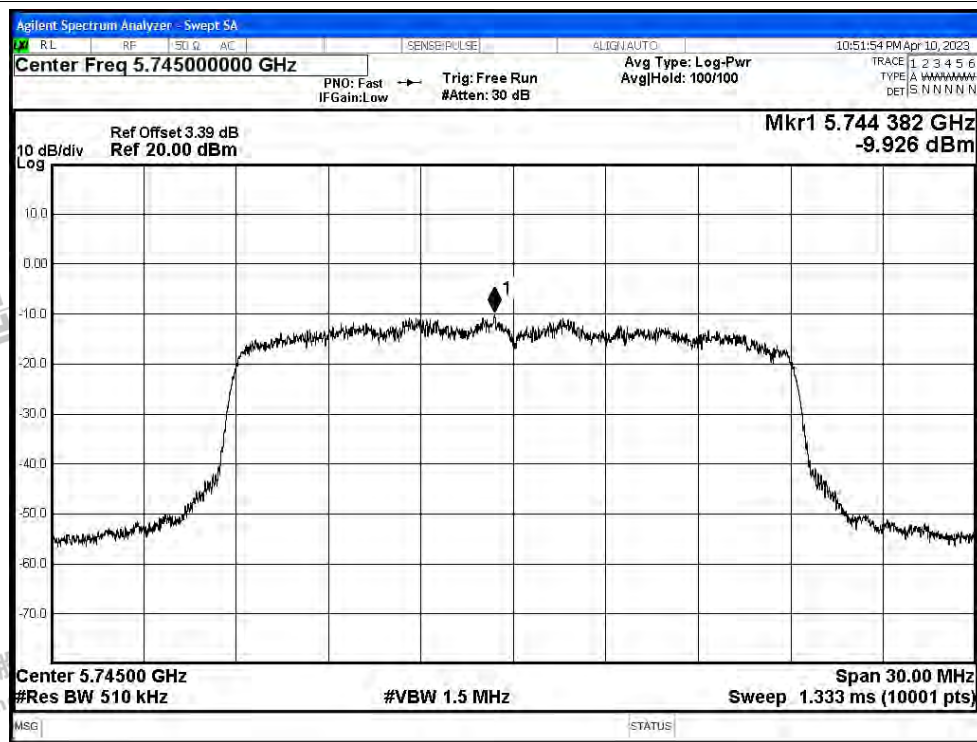
PSD NVNT a 5785MHz Ant0



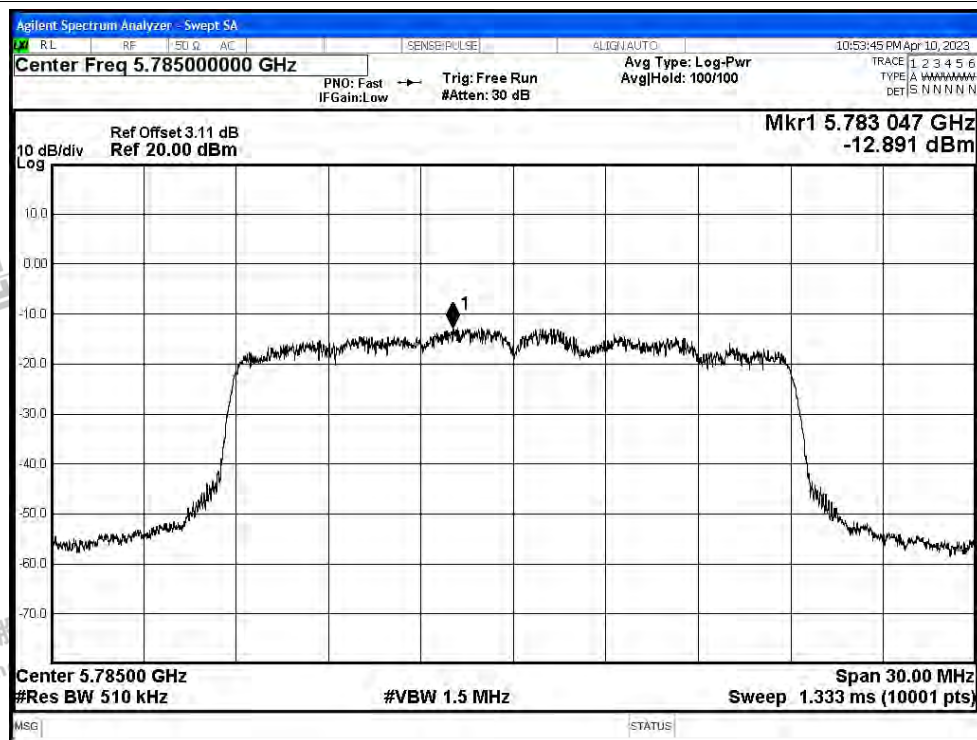
PSD NVNT a 5825MHz Ant0



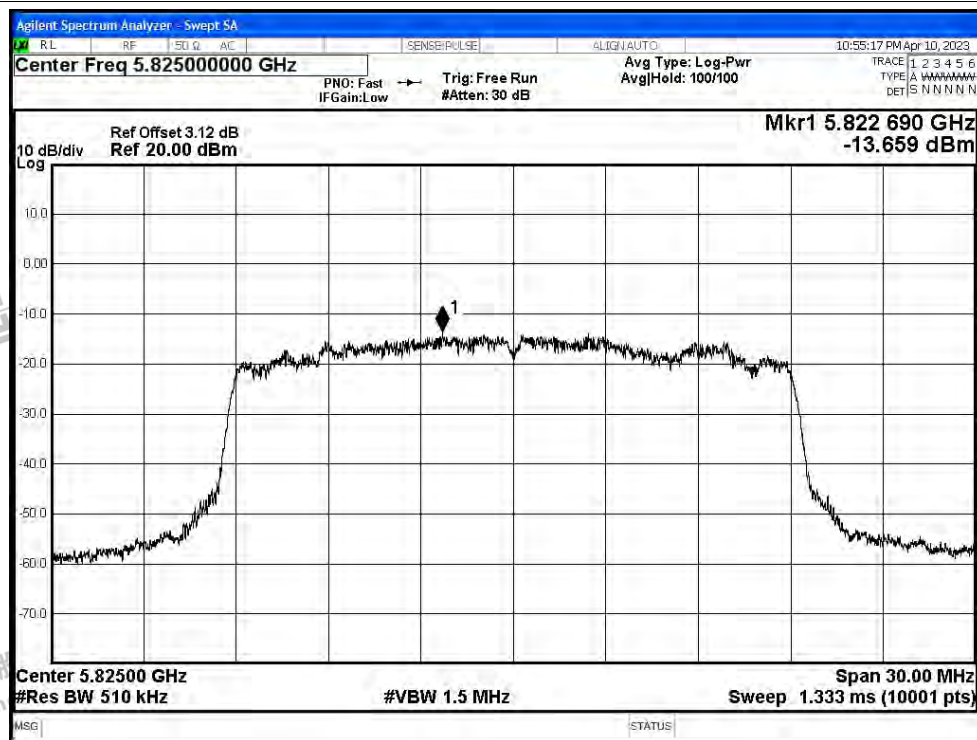
PSD NVNT n20 5745MHz Ant0



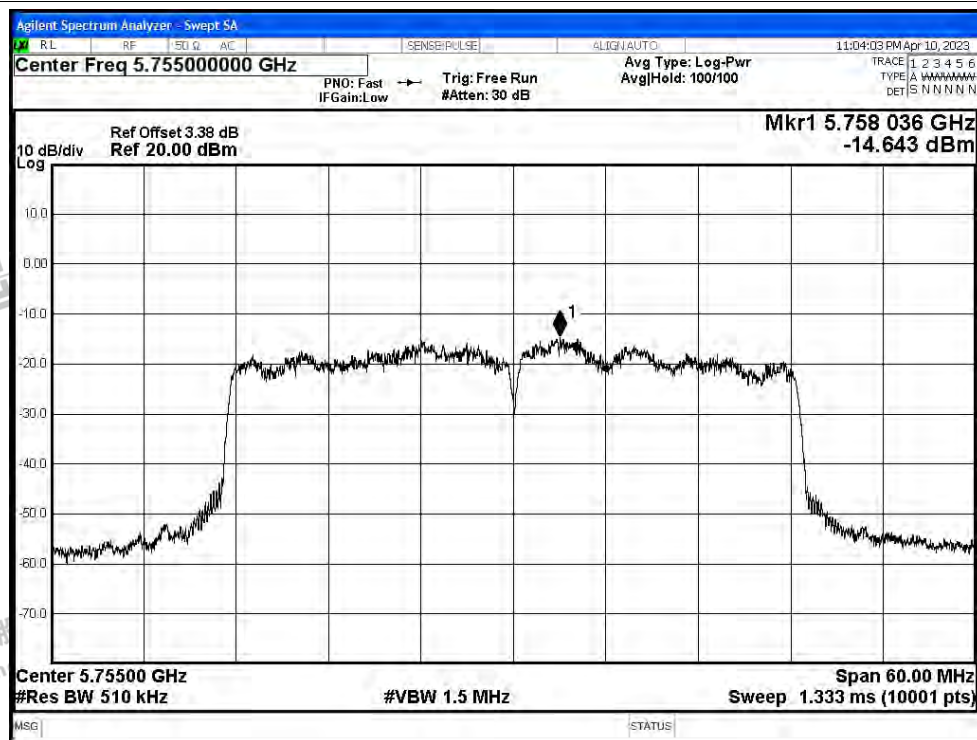
PSD NVNT n20 5785MHz Ant0



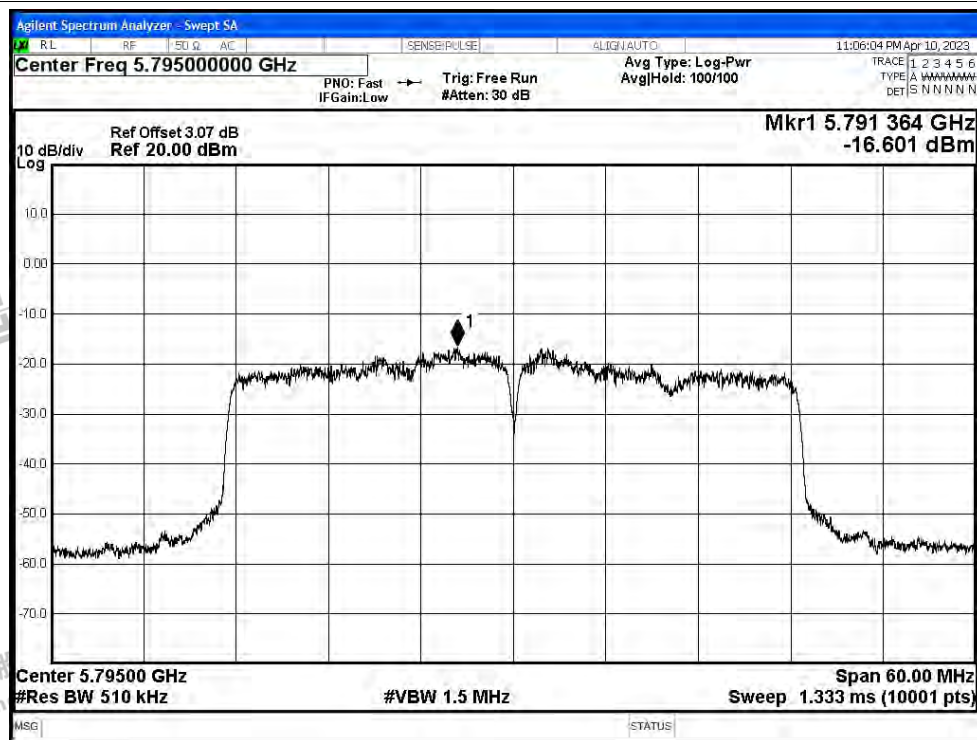
PSD NVNT n20 5825MHz Ant0



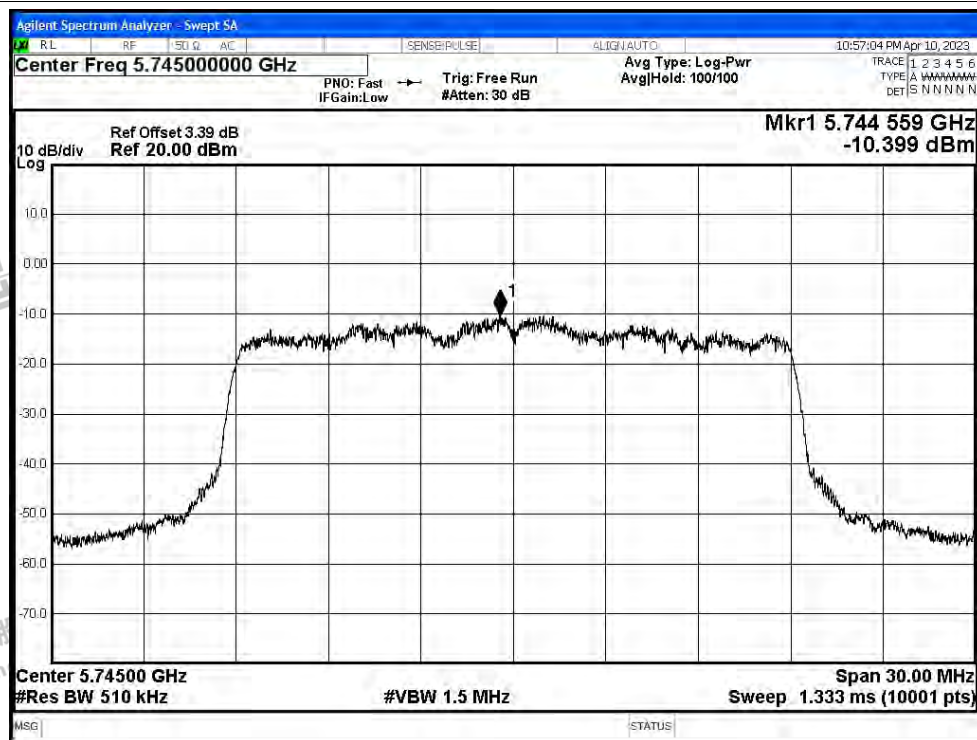
PSD NVNT n40 5755MHz Ant0



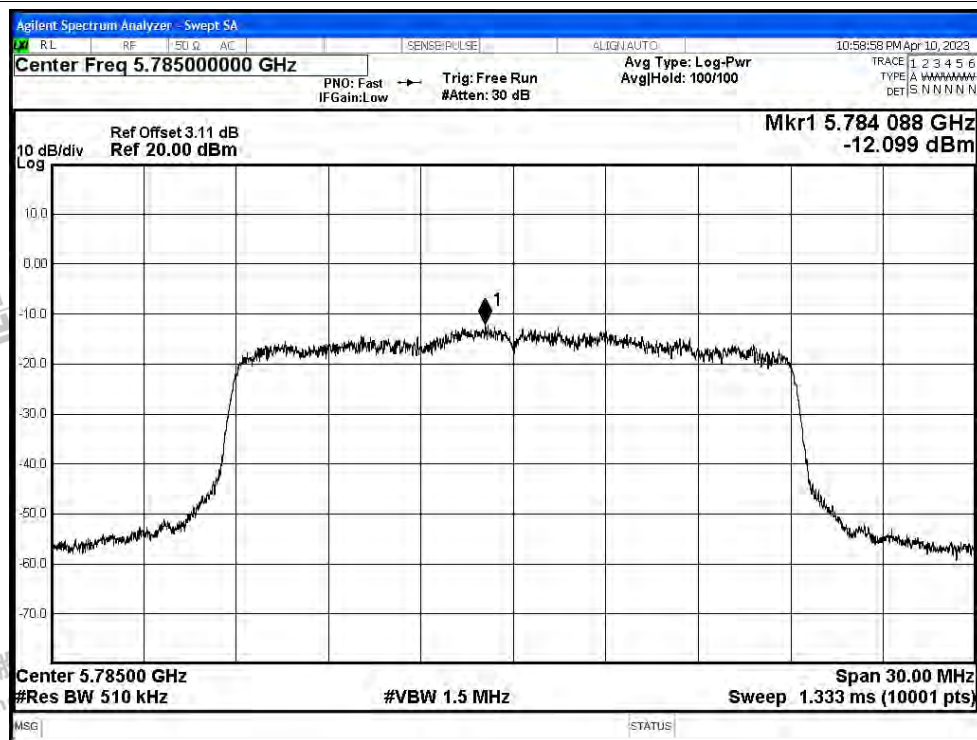
PSD NVNT n40 5795MHz Ant0



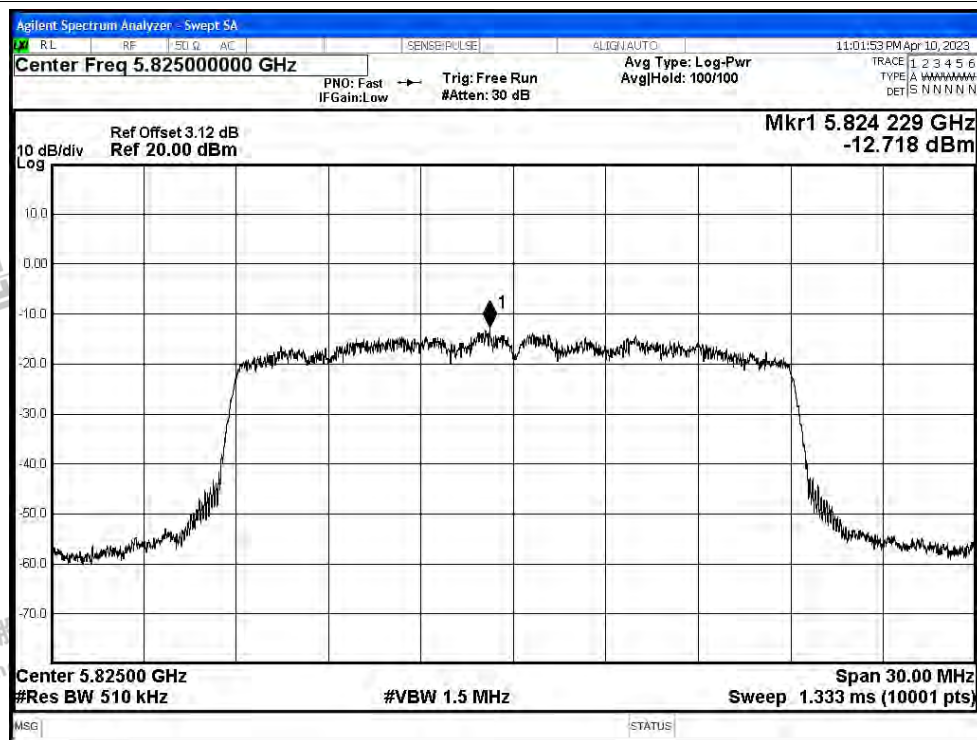
PSD NVNT ac20 5745MHz Ant0



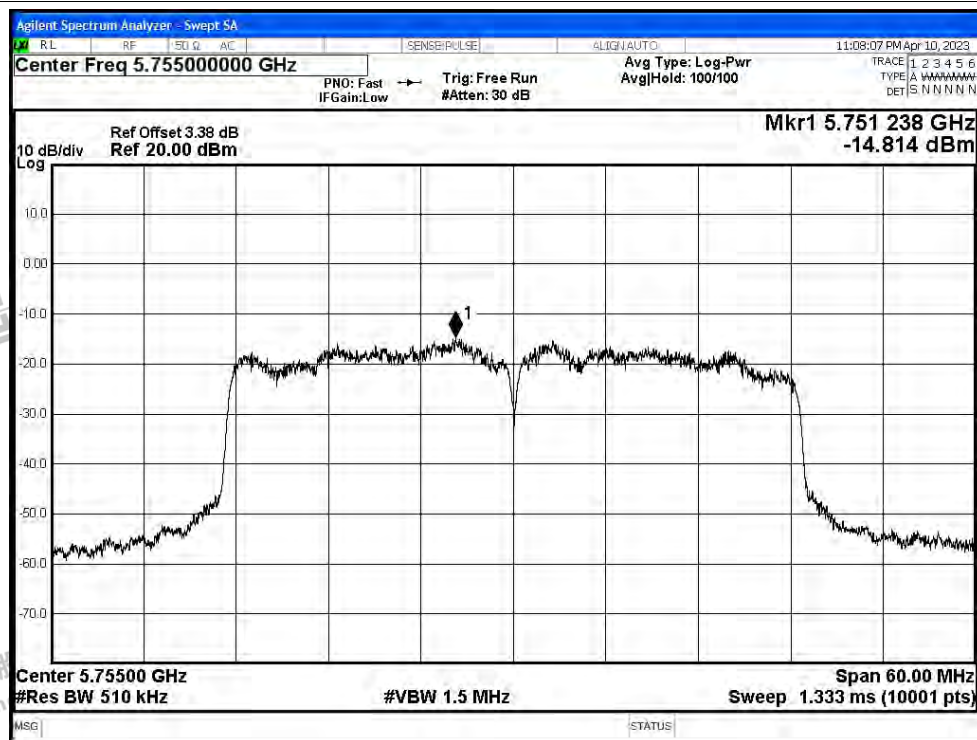
PSD NVNT ac20 5785MHz Ant0



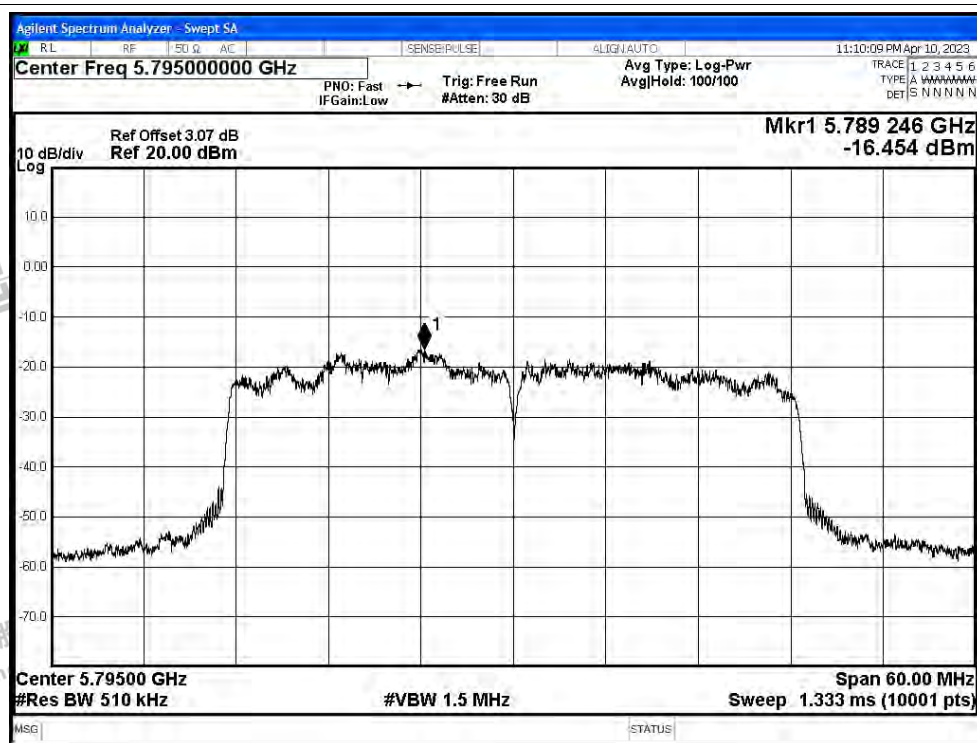
PSD NVNT ac20 5825MHz Ant0



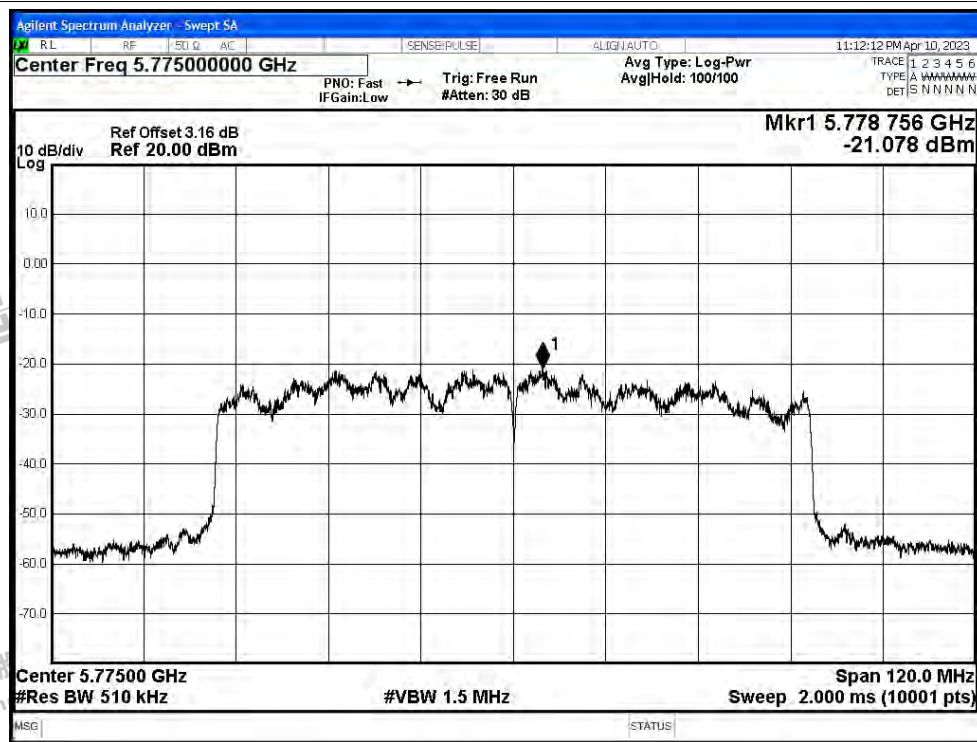
PSD NVNT ac40 5755MHz Ant0



PSD NVNT ac40 5795MHz Ant0

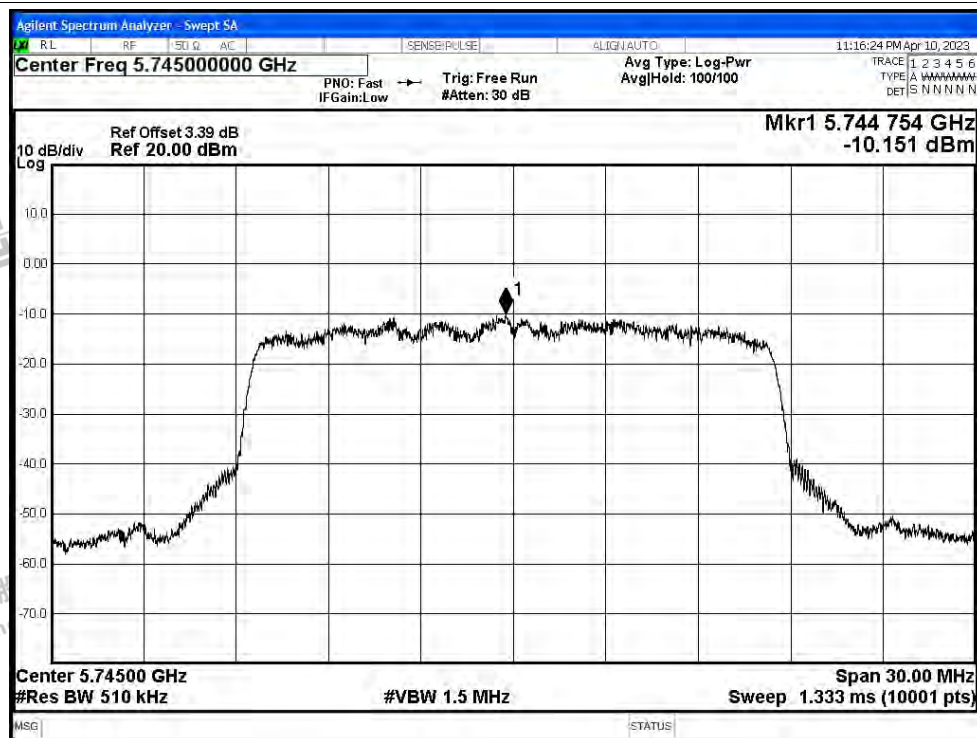


PSD NVNT ac80 5775MHz Ant0

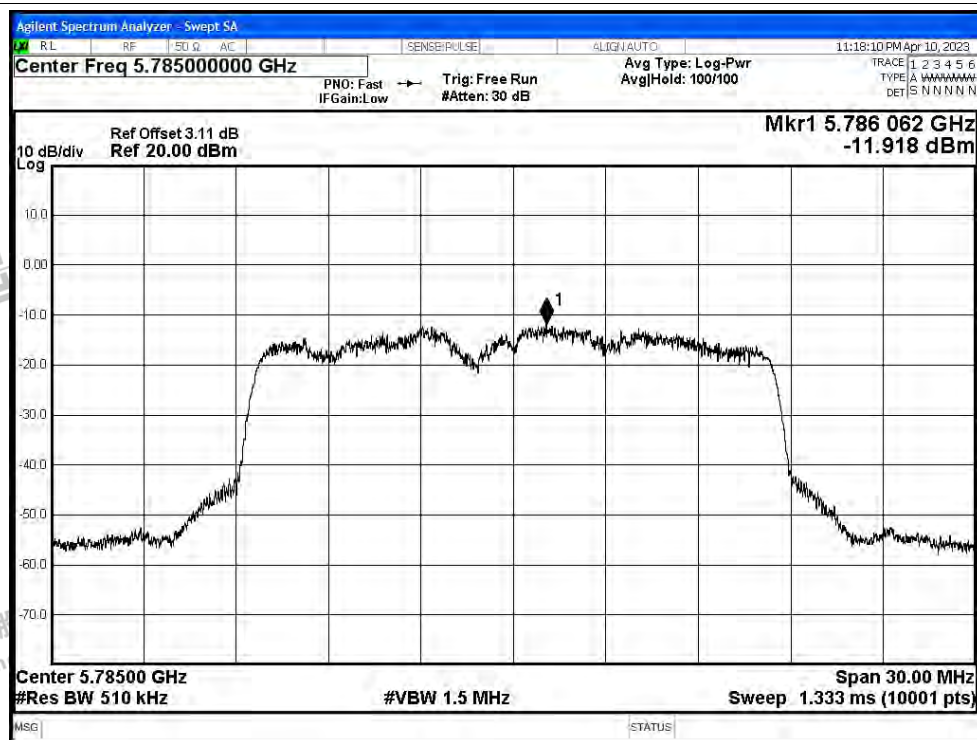


Test Graphs

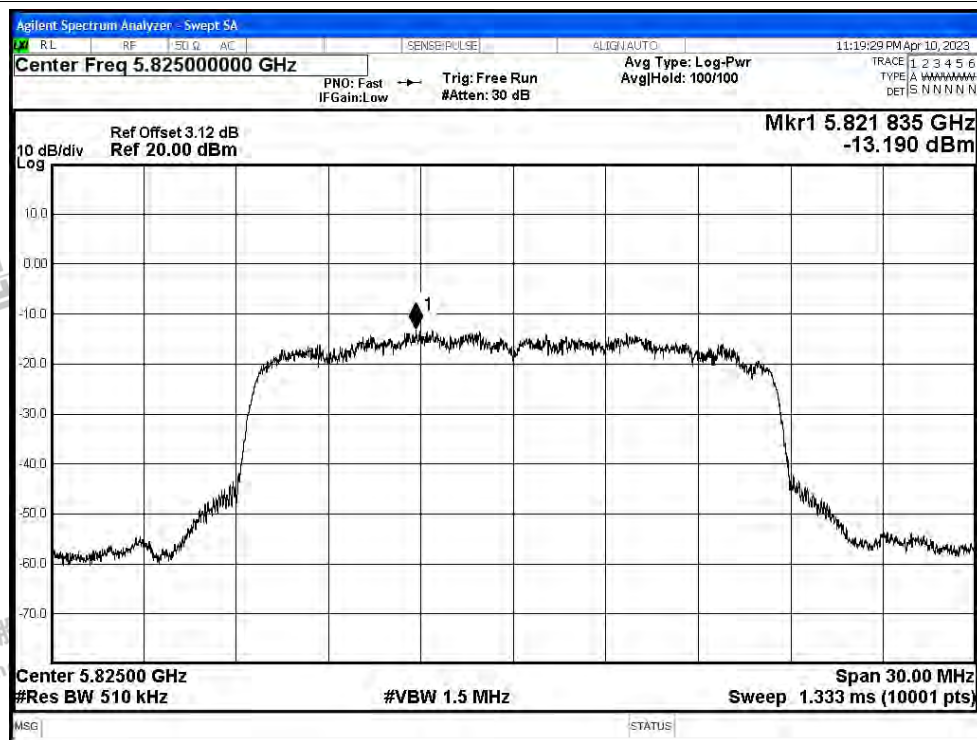
PSD NVNT a 5745MHz Ant1



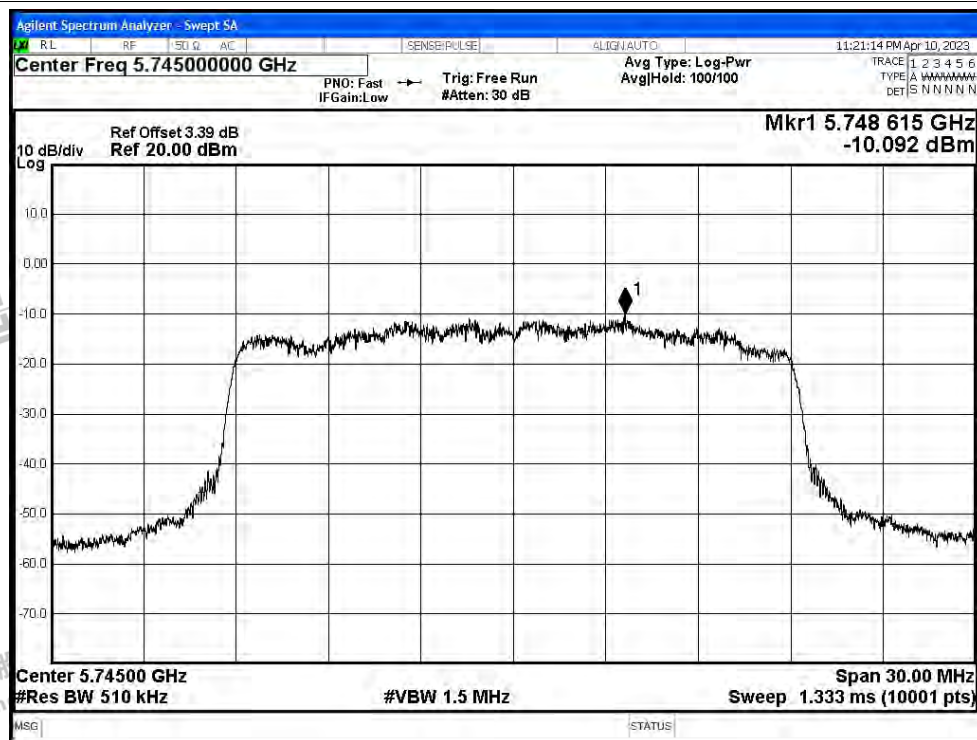
PSD NVNT a 5785MHz Ant1



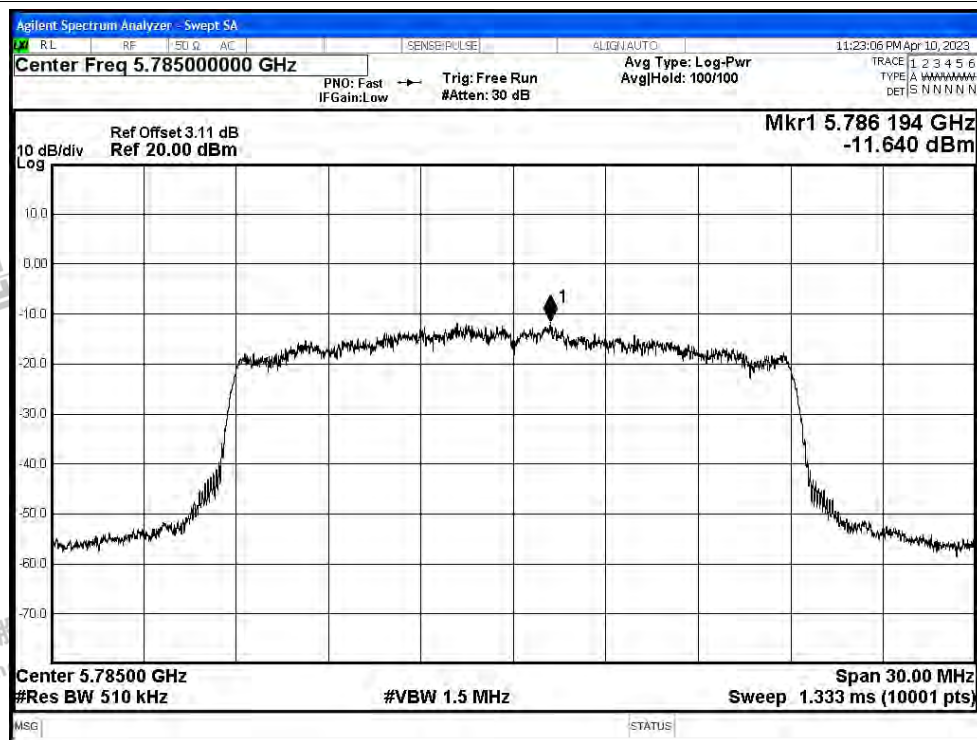
PSD NVNT a 5825MHz Ant1



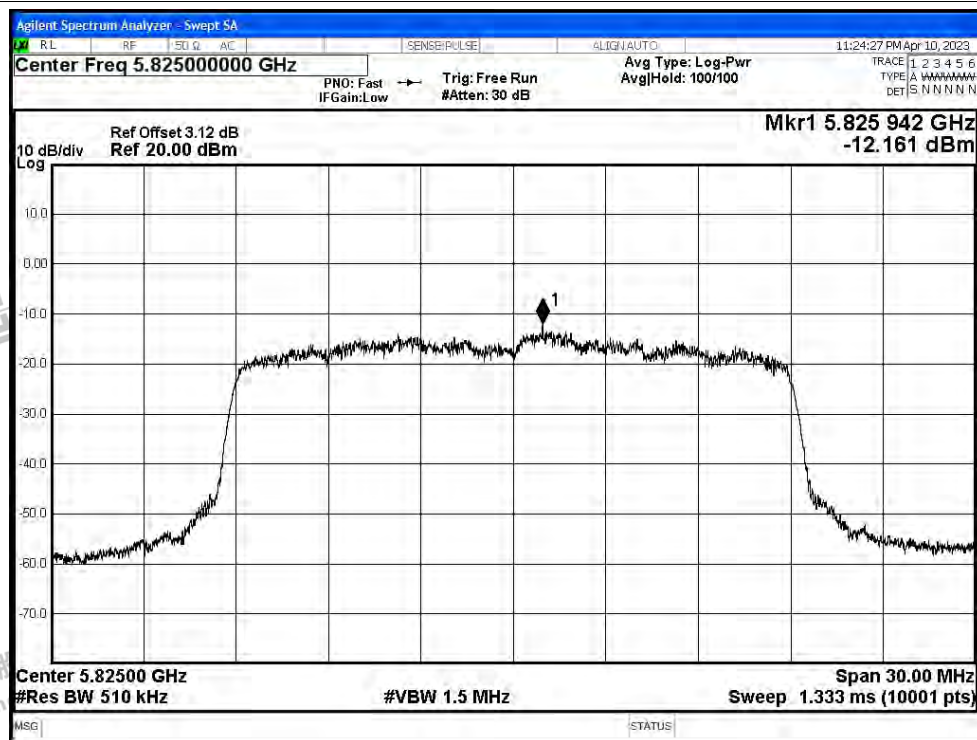
PSD NVNT n20 5745MHz Ant1



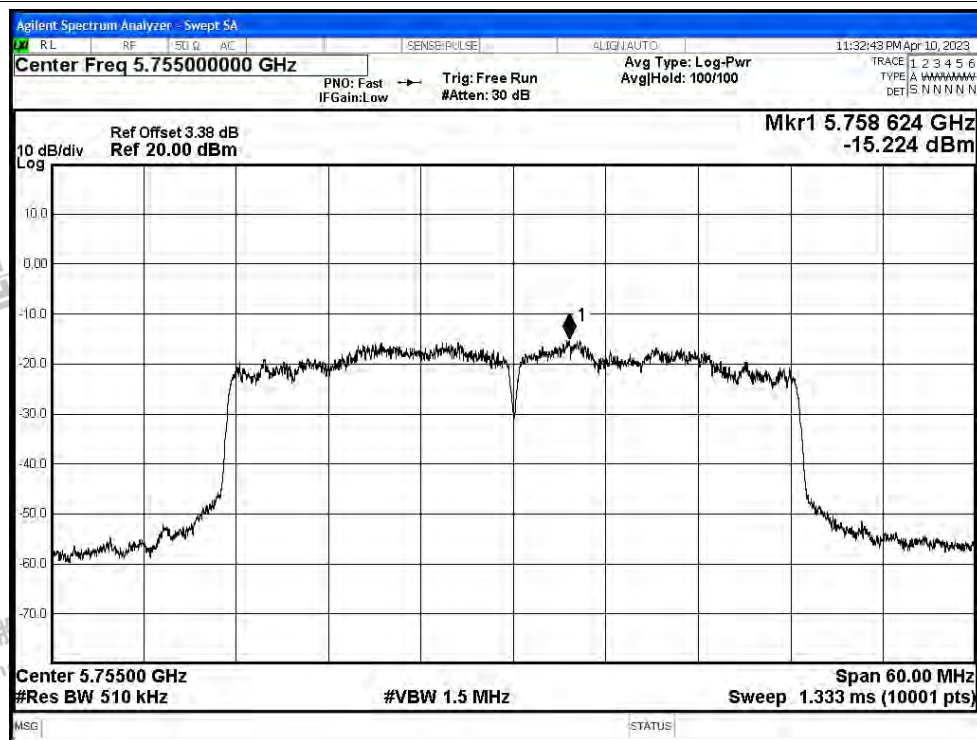
PSD NVNT n20 5785MHz Ant1



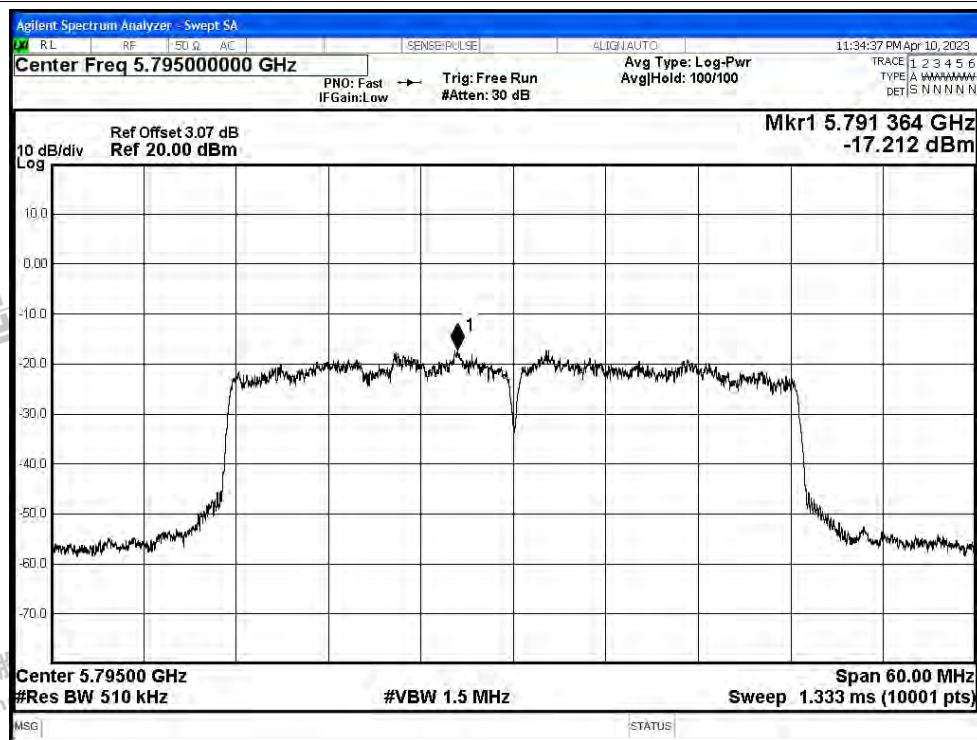
PSD NVNT n20 5825MHz Ant1



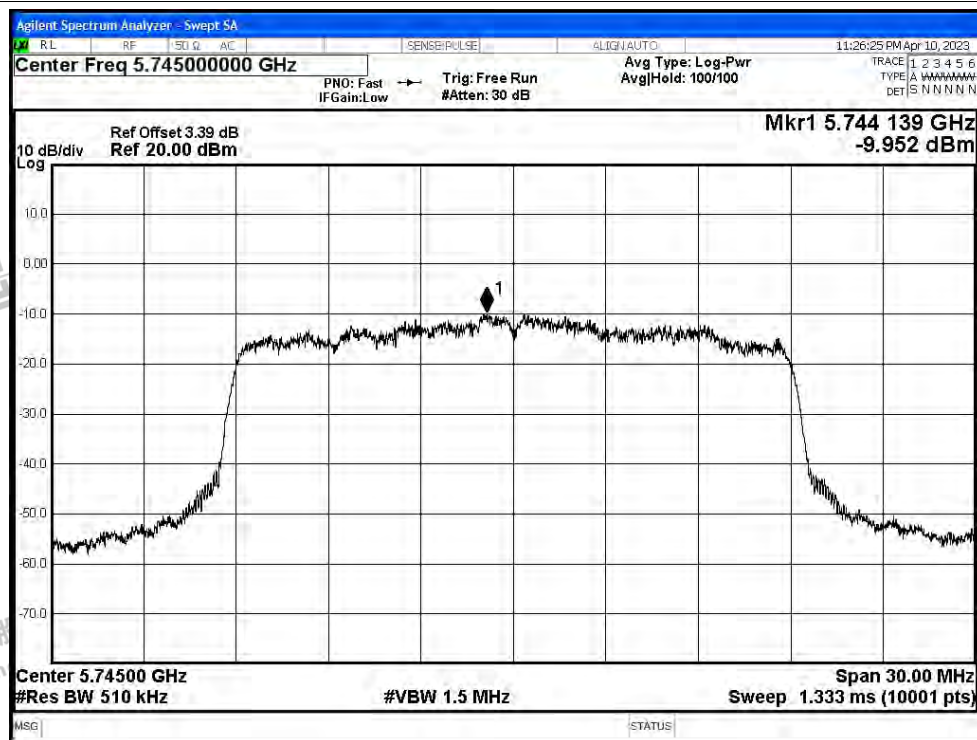
PSD NVNT n40 5755MHz Ant1



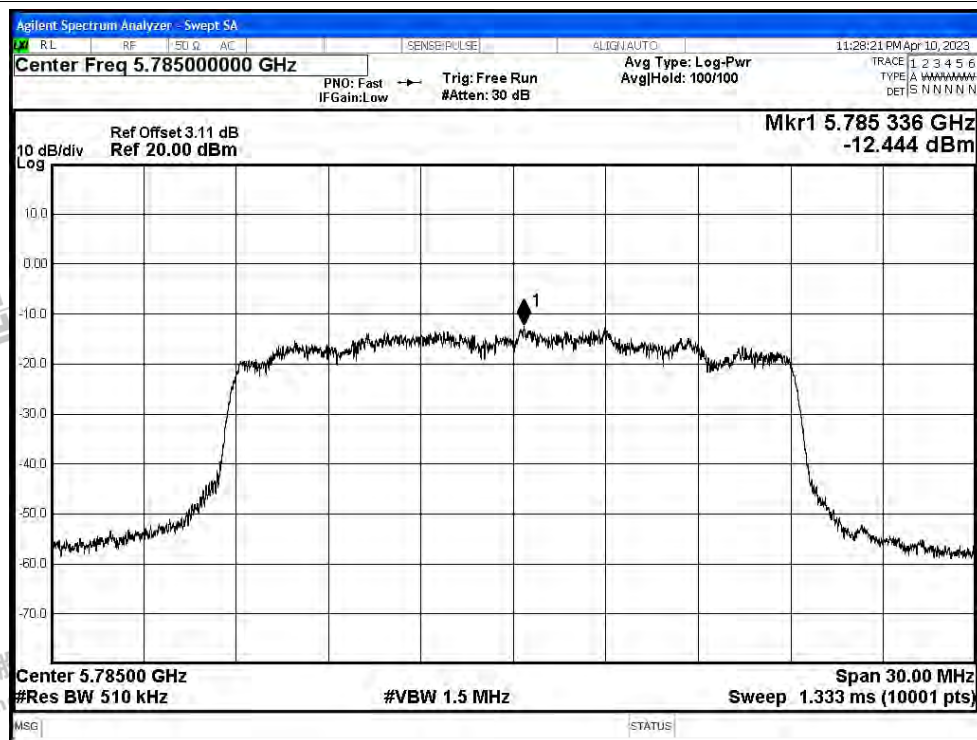
PSD NVNT n40 5795MHz Ant1



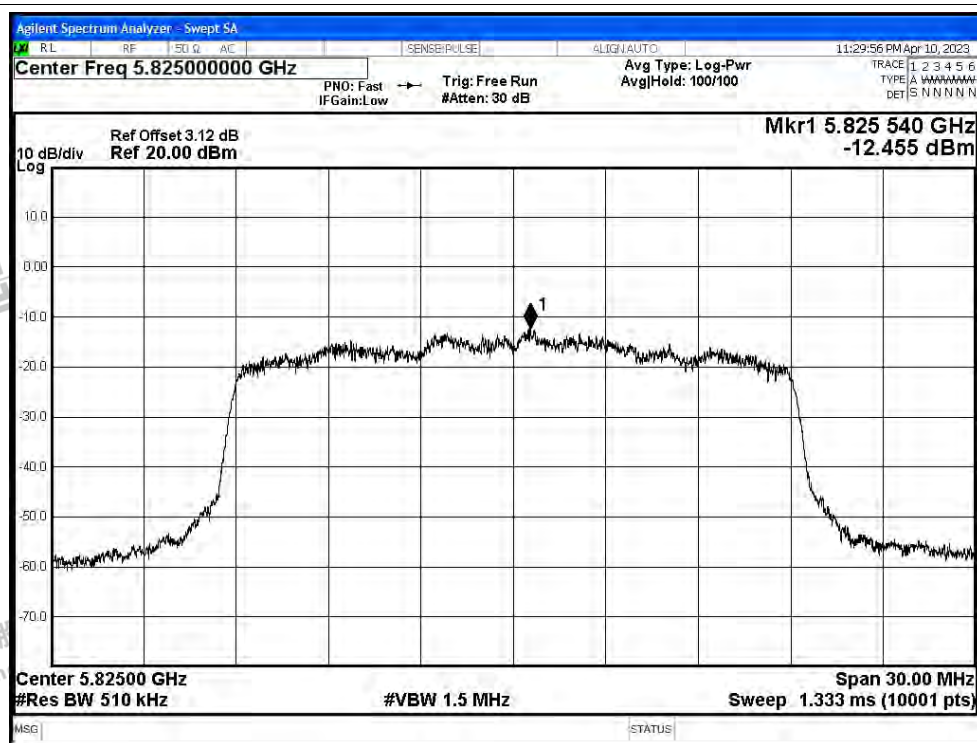
PSD NVNT ac20 5745MHz Ant1



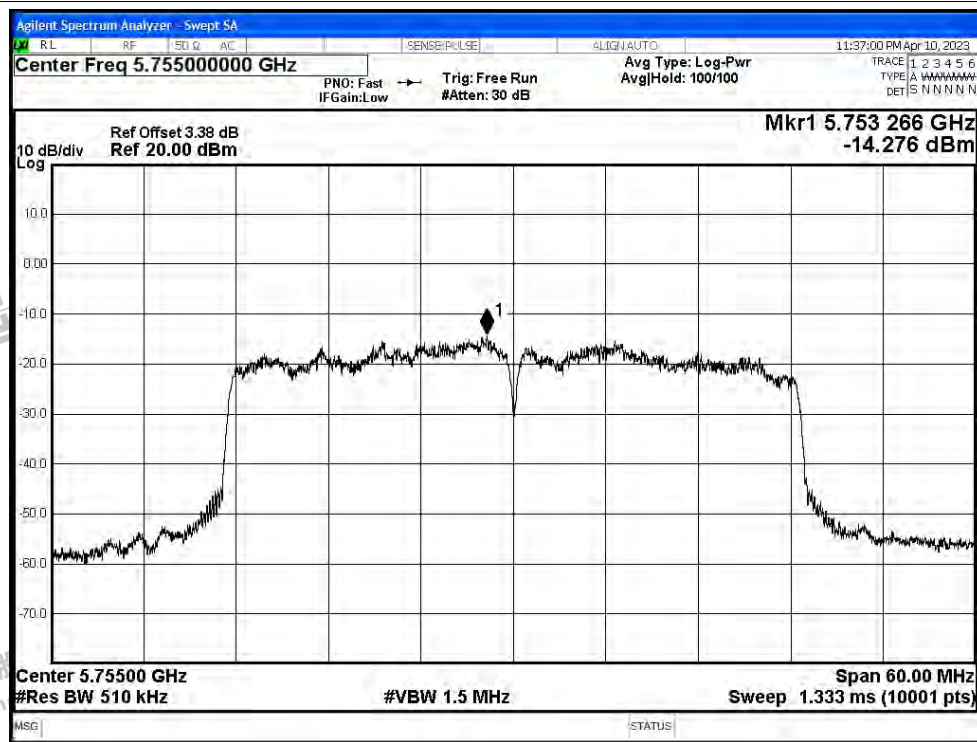
PSD NVNT ac20 5785MHz Ant1



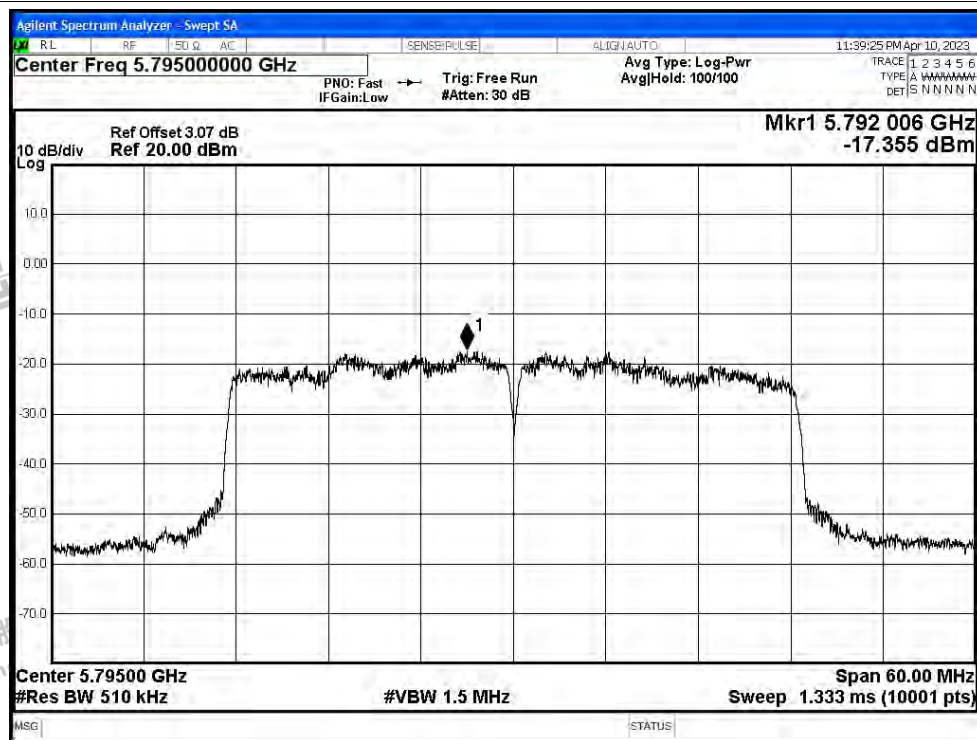
PSD NVNT ac20 5825MHz Ant1



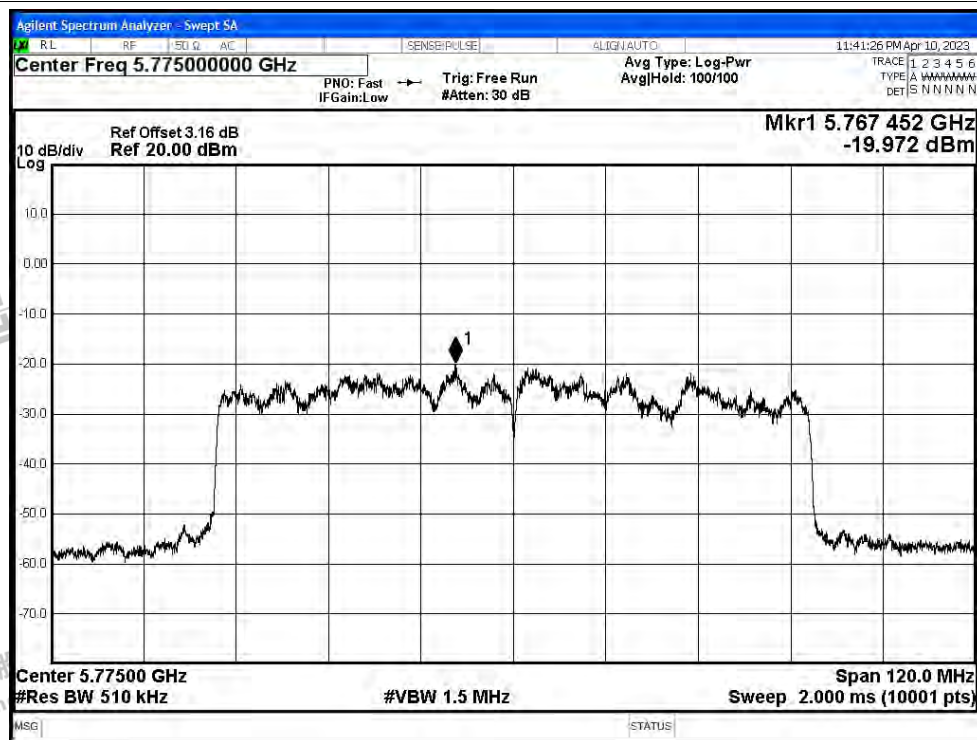
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1





E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant0	5650	-49.82	2	-47.82	Peak	-27	Pass
NVNT	a	5745	Ant0	5650	-57.1	2	-55.1	Average	-27	Pass
NVNT	a	5745	Ant0	5700	-49.9	2	-47.9	Peak	10	Pass
NVNT	a	5745	Ant0	5700	-57.2	2	-55.2	Average	10	Pass
NVNT	a	5745	Ant0	5720	-50.69	2	-48.69	Peak	15.6	Pass
NVNT	a	5745	Ant0	5720	-57.17	2	-55.17	Average	15.6	Pass
NVNT	a	5745	Ant0	5725	-48.79	2	-46.79	Peak	27	Pass
NVNT	a	5745	Ant0	5725	-57.18	2	-55.18	Average	27	Pass
NVNT	a	5825	Ant0	5850	-50.16	2	-48.16	Peak	27	Pass
NVNT	a	5825	Ant0	5850	-57.79	2	-55.79	Average	27	Pass
NVNT	a	5825	Ant0	5855	-50.19	2	-48.19	Peak	15.6	Pass
NVNT	a	5825	Ant0	5855	-57.79	2	-55.79	Average	15.6	Pass
NVNT	a	5825	Ant0	5875	-50.9	2	-48.9	Peak	10	Pass
NVNT	a	5825	Ant0	5875	-57.33	2	-55.33	Average	10	Pass
NVNT	a	5825	Ant0	5925	-49.78	2	-47.78	Peak	-27	Pass
NVNT	a	5825	Ant0	5925	-56.82	2	-54.82	Average	-27	Pass
NVNT	n20	5745	Ant0	5650	-48.57	2	-46.57	Peak	-27	Pass
NVNT	n20	5745	Ant0	5650	-57.03	2	-55.03	Average	-27	Pass
NVNT	n20	5745	Ant0	5700	-50.19	2	-48.19	Peak	10	Pass
NVNT	n20	5745	Ant0	5700	-57.15	2	-55.15	Average	10	Pass
NVNT	n20	5745	Ant0	5720	-50.57	2	-48.57	Peak	15.6	Pass
NVNT	n20	5745	Ant0	5720	-57.19	2	-55.19	Average	15.6	Pass
NVNT	n20	5745	Ant0	5725	-50.54	2	-48.54	Peak	27	Pass
NVNT	n20	5745	Ant0	5725	-57.1	2	-55.1	Average	27	Pass
NVNT	n20	5825	Ant0	5850	-49	2	-47	Peak	27	Pass
NVNT	n20	5825	Ant0	5850	-57.76	2	-55.76	Average	27	Pass
NVNT	n20	5825	Ant0	5855	-51.07	2	-49.07	Peak	15.6	Pass
NVNT	n20	5825	Ant0	5855	-57.68	2	-55.68	Average	15.6	Pass
NVNT	n20	5825	Ant0	5875	-50.38	2	-48.38	Peak	10	Pass
NVNT	n20	5825	Ant0	5875	-57.5	2	-55.5	Average	10	Pass
NVNT	n20	5825	Ant0	5925	-50.59	2	-48.59	Peak	-27	Pass
NVNT	n20	5825	Ant0	5925	-56.92	2	-54.92	Average	-27	Pass
NVNT	n40	5755	Ant0	5650	-50.48	2	-48.48	Peak	-27	Pass
NVNT	n40	5755	Ant0	5650	-56.91	2	-54.91	Average	-27	Pass
NVNT	n40	5755	Ant0	5700	-50.67	2	-48.67	Peak	10	Pass
NVNT	n40	5755	Ant0	5700	-56.99	2	-54.99	Average	10	Pass





NVNT	n40	5755	Ant0	5720	-50.66	2	-48.66	Peak	15.6	Pass
NVNT	n40	5755	Ant0	5720	-57.1	2	-55.1	Average	15.6	Pass
NVNT	n40	5755	Ant0	5725	-50.84	2	-48.84	Peak	27	Pass
NVNT	n40	5755	Ant0	5725	-56.94	2	-54.94	Average	27	Pass
NVNT	n40	5795	Ant0	5850	-50.12	2	-48.12	Peak	27	Pass
NVNT	n40	5795	Ant0	5850	-57.51	2	-55.51	Average	27	Pass
NVNT	n40	5795	Ant0	5855	-50.46	2	-48.46	Peak	15.6	Pass
NVNT	n40	5795	Ant0	5855	-57.34	2	-55.34	Average	15.6	Pass
NVNT	n40	5795	Ant0	5875	-50.84	2	-48.84	Peak	10	Pass
NVNT	n40	5795	Ant0	5875	-57.43	2	-55.43	Average	10	Pass
NVNT	n40	5795	Ant0	5925	-50.07	2	-48.07	Peak	-27	Pass
NVNT	n40	5795	Ant0	5925	-56.76	2	-54.76	Average	-27	Pass
NVNT	ac20	5745	Ant0	5650	-49.53	2	-47.53	Peak	-27	Pass
NVNT	ac20	5745	Ant0	5650	-57.06	2	-55.06	Average	-27	Pass
NVNT	ac20	5745	Ant0	5700	-50.89	2	-48.89	Peak	10	Pass
NVNT	ac20	5745	Ant0	5700	-57.04	2	-55.04	Average	10	Pass
NVNT	ac20	5745	Ant0	5720	-49.56	2	-47.56	Peak	15.6	Pass
NVNT	ac20	5745	Ant0	5720	-57.26	2	-55.26	Average	15.6	Pass
NVNT	ac20	5745	Ant0	5725	-49.43	2	-47.43	Peak	27	Pass
NVNT	ac20	5745	Ant0	5725	-57.19	2	-55.19	Average	27	Pass
NVNT	ac20	5825	Ant0	5850	-49.08	2	-47.08	Peak	27	Pass
NVNT	ac20	5825	Ant0	5850	-57.8	2	-55.8	Average	27	Pass
NVNT	ac20	5825	Ant0	5855	-49.89	2	-47.89	Peak	15.6	Pass
NVNT	ac20	5825	Ant0	5855	-57.52	2	-55.52	Average	15.6	Pass
NVNT	ac20	5825	Ant0	5875	-49.92	2	-47.92	Peak	10	Pass
NVNT	ac20	5825	Ant0	5875	-57.42	2	-55.42	Average	10	Pass
NVNT	ac20	5825	Ant0	5925	-49.49	2	-47.49	Peak	-27	Pass
NVNT	ac20	5825	Ant0	5925	-57	2	-55	Average	-27	Pass
NVNT	ac40	5755	Ant0	5650	-49.68	2	-47.68	Peak	-27	Pass
NVNT	ac40	5755	Ant0	5650	-56.77	2	-54.77	Average	-27	Pass
NVNT	ac40	5755	Ant0	5700	-50.07	2	-48.07	Peak	10	Pass
NVNT	ac40	5755	Ant0	5700	-57.03	2	-55.03	Average	10	Pass
NVNT	ac40	5755	Ant0	5720	-49.71	2	-47.71	Peak	15.6	Pass
NVNT	ac40	5755	Ant0	5720	-56.98	2	-54.98	Average	15.6	Pass
NVNT	ac40	5755	Ant0	5725	-49.3	2	-47.3	Peak	27	Pass
NVNT	ac40	5755	Ant0	5725	-57.14	2	-55.14	Average	27	Pass
NVNT	ac40	5795	Ant0	5850	-52.19	2	-50.19	Peak	27	Pass
NVNT	ac40	5795	Ant0	5850	-57.92	2	-55.92	Average	27	Pass
NVNT	ac40	5795	Ant0	5855	-51.15	2	-49.15	Peak	15.6	Pass
NVNT	ac40	5795	Ant0	5855	-57.69	2	-55.69	Average	15.6	Pass



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NVNT	ac40	5795	Ant0	5875	-50.11	2	-48.11	Peak	10	Pass
NVNT	ac40	5795	Ant0	5875	-57.36	2	-55.36	Average	10	Pass
NVNT	ac40	5795	Ant0	5925	-50.2	2	-48.2	Peak	-27	Pass
NVNT	ac40	5795	Ant0	5925	-56.76	2	-54.76	Average	-27	Pass
NVNT	ac80	5775	Ant0	5650	-49.83	2	-47.83	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5650	-57.08	2	-55.08	Average	-27	Pass
NVNT	ac80	5775	Ant0	5700	-51.31	2	-49.31	Peak	10	Pass
NVNT	ac80	5775	Ant0	5700	-56.81	2	-54.81	Average	10	Pass
NVNT	ac80	5775	Ant0	5720	-49.82	2	-47.82	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5720	-57.1	2	-55.1	Average	15.6	Pass
NVNT	ac80	5775	Ant0	5725	-49.9	2	-47.9	Peak	27	Pass
NVNT	ac80	5775	Ant0	5725	-57.2	2	-55.2	Average	27	Pass
NVNT	ac80	5775	Ant0	5850	-50.69	2	-48.69	Peak	27	Pass
NVNT	ac80	5775	Ant0	5850	-57.17	2	-55.17	Average	27	Pass
NVNT	ac80	5775	Ant0	5855	-48.79	2	-46.79	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5855	-57.18	2	-55.18	Average	15.6	Pass
NVNT	ac80	5775	Ant0	5875	-50.16	2	-48.16	Peak	10	Pass
NVNT	ac80	5775	Ant0	5875	-57.79	2	-55.79	Average	10	Pass
NVNT	ac80	5775	Ant0	5925	-50.19	2	-48.19	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5925	-57.79	2	-55.79	Average	-27	Pass
NVNT	a	5745	Ant1	5650	-50.63	2	-48.63	Peak	-27	Pass
NVNT	a	5745	Ant1	5650	-56.94	2	-54.94	Average	-27	Pass
NVNT	a	5745	Ant1	5700	-49.01	2	-47.01	Peak	10	Pass
NVNT	a	5745	Ant1	5700	-56.99	2	-54.99	Average	10	Pass
NVNT	a	5745	Ant1	5720	-50.48	2	-48.48	Peak	15.6	Pass
NVNT	a	5745	Ant1	5720	-57.13	2	-55.13	Average	15.6	Pass
NVNT	a	5745	Ant1	5725	-50.93	2	-48.93	Peak	27	Pass
NVNT	a	5745	Ant1	5725	-57.09	2	-55.09	Average	27	Pass
NVNT	a	5825	Ant1	5850	-50.98	2	-48.98	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-57.89	2	-55.89	Average	27	Pass
NVNT	a	5825	Ant1	5855	-51.92	2	-49.92	Peak	15.6	Pass
NVNT	a	5825	Ant1	5855	-57.62	2	-55.62	Average	15.6	Pass
NVNT	a	5825	Ant1	5875	-49.61	2	-47.61	Peak	10	Pass
NVNT	a	5825	Ant1	5875	-57.33	2	-55.33	Average	10	Pass
NVNT	a	5825	Ant1	5925	-49.16	2	-47.16	Peak	-27	Pass
NVNT	a	5825	Ant1	5925	-57.01	2	-55.01	Average	-27	Pass
NVNT	n20	5745	Ant1	5650	-50.26	2	-48.26	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-57.18	2	-55.18	Average	-27	Pass
NVNT	n20	5745	Ant1	5700	-49.11	2	-47.11	Peak	10	Pass
NVNT	n20	5745	Ant1	5700	-57.05	2	-55.05	Average	10	Pass



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NVNT	n20	5745	Ant1	5720	-50.82	2	-48.82	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5720	-57.22	2	-55.22	Average	15.6	Pass
NVNT	n20	5745	Ant1	5725	-51.33	2	-49.33	Peak	27	Pass
NVNT	n20	5745	Ant1	5725	-57.01	2	-55.01	Average	27	Pass
NVNT	n20	5825	Ant1	5850	-51	2	-49	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-57.82	2	-55.82	Average	27	Pass
NVNT	n20	5825	Ant1	5855	-51.43	2	-49.43	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5855	-57.61	2	-55.61	Average	15.6	Pass
NVNT	n20	5825	Ant1	5875	-49.05	2	-47.05	Peak	10	Pass
NVNT	n20	5825	Ant1	5875	-57.58	2	-55.58	Average	10	Pass
NVNT	n20	5825	Ant1	5925	-48.65	2	-46.65	Peak	-27	Pass
NVNT	n20	5825	Ant1	5925	-57.02	2	-55.02	Average	-27	Pass
NVNT	n40	5755	Ant1	5650	-49.56	2	-47.56	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-56.68	2	-54.68	Average	-27	Pass
NVNT	n40	5755	Ant1	5700	-51.23	2	-49.23	Peak	10	Pass
NVNT	n40	5755	Ant1	5700	-56.96	2	-54.96	Average	10	Pass
NVNT	n40	5755	Ant1	5720	-51.02	2	-49.02	Peak	15.6	Pass
NVNT	n40	5755	Ant1	5720	-57.17	2	-55.17	Average	15.6	Pass
NVNT	n40	5755	Ant1	5725	-49.04	2	-47.04	Peak	27	Pass
NVNT	n40	5755	Ant1	5725	-56.85	2	-54.85	Average	27	Pass
NVNT	n40	5795	Ant1	5850	-50.92	2	-48.92	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-57.69	2	-55.69	Average	27	Pass
NVNT	n40	5795	Ant1	5855	-51.28	2	-49.28	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5855	-57.79	2	-55.79	Average	15.6	Pass
NVNT	n40	5795	Ant1	5875	-50.8	2	-48.8	Peak	10	Pass
NVNT	n40	5795	Ant1	5875	-57.41	2	-55.41	Average	10	Pass
NVNT	n40	5795	Ant1	5925	-50.23	2	-48.23	Peak	-27	Pass
NVNT	n40	5795	Ant1	5925	-56.91	2	-54.91	Average	-27	Pass
NVNT	ac20	5745	Ant1	5650	-49.92	2	-47.92	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-57.04	2	-55.04	Average	-27	Pass
NVNT	ac20	5745	Ant1	5700	-50.97	2	-48.97	Peak	10	Pass
NVNT	ac20	5745	Ant1	5700	-57.05	2	-55.05	Average	10	Pass
NVNT	ac20	5745	Ant1	5720	-49.56	2	-47.56	Peak	15.6	Pass
NVNT	ac20	5745	Ant1	5720	-57.18	2	-55.18	Average	15.6	Pass
NVNT	ac20	5745	Ant1	5725	-49.75	2	-47.75	Peak	27	Pass
NVNT	ac20	5745	Ant1	5725	-57.21	2	-55.21	Average	27	Pass
NVNT	ac20	5825	Ant1	5850	-50.89	2	-48.89	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-57.85	2	-55.85	Average	27	Pass
NVNT	ac20	5825	Ant1	5855	-52.16	2	-50.16	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5855	-57.38	2	-55.38	Average	15.6	Pass



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NVNT	ac20	5825	Ant1	5875	-50.34	2	-48.34	Peak	10	Pass
NVNT	ac20	5825	Ant1	5875	-57.47	2	-55.47	Average	10	Pass
NVNT	ac20	5825	Ant1	5925	-49.73	2	-47.73	Peak	-27	Pass
NVNT	ac20	5825	Ant1	5925	-56.88	2	-54.88	Average	-27	Pass
NVNT	ac40	5755	Ant1	5650	-51.36	2	-49.36	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-56.85	2	-54.85	Average	-27	Pass
NVNT	ac40	5755	Ant1	5700	-49.27	2	-47.27	Peak	10	Pass
NVNT	ac40	5755	Ant1	5700	-56.97	2	-54.97	Average	10	Pass
NVNT	ac40	5755	Ant1	5720	-50.39	2	-48.39	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5720	-57	2	-55	Average	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-49.96	2	-47.96	Peak	27	Pass
NVNT	ac40	5755	Ant1	5725	-57.04	2	-55.04	Average	27	Pass
NVNT	ac40	5795	Ant1	5850	-50.3	2	-48.3	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-57.67	2	-55.67	Average	27	Pass
NVNT	ac40	5795	Ant1	5855	-51.68	2	-49.68	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5855	-57.49	2	-55.49	Average	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-49.38	2	-47.38	Peak	10	Pass
NVNT	ac40	5795	Ant1	5875	-57.52	2	-55.52	Average	10	Pass
NVNT	ac40	5795	Ant1	5925	-49.68	2	-47.68	Peak	-27	Pass
NVNT	ac40	5795	Ant1	5925	-56.79	2	-54.79	Average	-27	Pass
NVNT	ac80	5775	Ant1	5650	-50.1	2	-48.1	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5650	-56.64	2	-54.64	Average	-27	Pass
NVNT	ac80	5775	Ant1	5700	-50.87	2	-48.87	Peak	10	Pass
NVNT	ac80	5775	Ant1	5700	-57.11	2	-55.11	Average	10	Pass
NVNT	ac80	5775	Ant1	5720	-49.33	2	-47.33	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5720	-56.82	2	-54.82	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5725	-50.6	2	-48.6	Peak	27	Pass
NVNT	ac80	5775	Ant1	5725	-57.24	2	-55.24	Average	27	Pass
NVNT	ac80	5775	Ant1	5850	-49.86	2	-47.86	Peak	27	Pass
NVNT	ac80	5775	Ant1	5850	-57.49	2	-55.49	Average	27	Pass
NVNT	ac80	5775	Ant1	5855	-51.82	2	-49.82	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5855	-57.43	2	-55.43	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5875	-50.27	2	-48.27	Peak	10	Pass
NVNT	ac80	5775	Ant1	5875	-57.05	2	-55.05	Average	10	Pass
NVNT	ac80	5775	Ant1	5925	-48.7	2	-46.7	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5925	-56.84	2	-54.84	Average	-27	Pass

Note: 802.11a mode, only show the worst set of antenna data. (Antenna 0)





MIMO

Condition	Mode	Frequency (MHz)	ANT0 Power (dBm)	ANT1 Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	n20	5745	-48.57	-50.26	5.01	-41.31	Peak	-27	Pass
NVNT	n20	5745	-57.03	-57.18	5.01	-49.08	Average	-27	Pass
NVNT	n20	5745	-50.19	-49.11	5.01	-41.60	Peak	10	Pass
NVNT	n20	5745	-57.15	-57.05	5.01	-49.08	Average	10	Pass
NVNT	n20	5745	-50.57	-50.82	5.01	-42.67	Peak	15.6	Pass
NVNT	n20	5745	-57.19	-57.22	5.01	-49.18	Average	15.6	Pass
NVNT	n20	5745	-50.54	-51.33	5.01	-42.90	Peak	27	Pass
NVNT	n20	5745	-57.1	-57.01	5.01	-49.03	Average	27	Pass
NVNT	n20	5825	-49	-51	5.01	-41.87	Peak	27	Pass
NVNT	n20	5825	-57.76	-57.82	5.01	-49.77	Average	27	Pass
NVNT	n20	5825	-51.07	-51.43	5.01	-43.23	Peak	15.6	Pass
NVNT	n20	5825	-57.68	-57.61	5.01	-49.62	Average	15.6	Pass
NVNT	n20	5825	-50.38	-49.05	5.01	-41.64	Peak	10	Pass
NVNT	n20	5825	-57.5	-57.58	5.01	-49.52	Average	10	Pass
NVNT	n20	5825	-50.59	-48.65	5.01	-41.49	Peak	-27	Pass
NVNT	n20	5825	-56.92	-57.02	5.01	-48.95	Average	-27	Pass
NVNT	n40	5755	-50.48	-49.56	5.01	-41.98	Peak	-27	Pass
NVNT	n40	5755	-56.91	-56.68	5.01	-48.77	Average	-27	Pass
NVNT	n40	5755	-50.67	-51.23	5.01	-42.92	Peak	10	Pass
NVNT	n40	5755	-56.99	-56.96	5.01	-48.95	Average	10	Pass
NVNT	n40	5755	-50.66	-51.02	5.01	-42.82	Peak	15.6	Pass
NVNT	n40	5755	-57.1	-57.17	5.01	-49.11	Average	15.6	Pass
NVNT	n40	5755	-50.84	-49.04	5.01	-41.83	Peak	27	Pass
NVNT	n40	5755	-56.94	-56.85	5.01	-48.87	Average	27	Pass
NVNT	n40	5795	-50.12	-50.92	5.01	-42.48	Peak	27	Pass
NVNT	n40	5795	-57.51	-57.69	5.01	-49.58	Average	27	Pass
NVNT	n40	5795	-50.46	-51.28	5.01	-42.83	Peak	15.6	Pass
NVNT	n40	5795	-57.34	-57.79	5.01	-49.54	Average	15.6	Pass
NVNT	n40	5795	-50.84	-50.8	5.01	-42.80	Peak	10	Pass
NVNT	n40	5795	-57.43	-57.41	5.01	-49.40	Average	10	Pass
NVNT	n40	5795	-50.07	-50.23	5.01	-42.13	Peak	-27	Pass
NVNT	n40	5795	-56.76	-56.91	5.01	-48.81	Average	-27	Pass
NVNT	ac20	5745	-49.53	-49.92	5.01	-41.70	Peak	-27	Pass
NVNT	ac20	5745	-57.06	-57.04	5.01	-49.03	Average	-27	Pass
NVNT	ac20	5745	-50.89	-50.97	5.01	-42.91	Peak	10	Pass
NVNT	ac20	5745	-57.04	-57.05	5.01	-49.02	Average	10	Pass





NVNT	ac20	5745	-49.56	-49.56	5.01	-41.54	Peak	15.6	Pass
NVNT	ac20	5745	-57.26	-57.18	5.01	-49.20	Average	15.6	Pass
NVNT	ac20	5745	-49.43	-49.75	5.01	-41.57	Peak	27	Pass
NVNT	ac20	5745	-57.19	-57.21	5.01	-49.18	Average	27	Pass
NVNT	ac20	5825	-49.08	-50.89	5.01	-41.87	Peak	27	Pass
NVNT	ac20	5825	-57.8	-57.85	5.01	-49.80	Average	27	Pass
NVNT	ac20	5825	-49.89	-52.16	5.01	-42.86	Peak	15.6	Pass
NVNT	ac20	5825	-57.52	-57.38	5.01	-49.43	Average	15.6	Pass
NVNT	ac20	5825	-49.92	-50.34	5.01	-42.10	Peak	10	Pass
NVNT	ac20	5825	-57.42	-57.47	5.01	-49.42	Average	10	Pass
NVNT	ac20	5825	-49.49	-49.73	5.01	-41.59	Peak	-27	Pass
NVNT	ac20	5825	-57	-56.88	5.01	-48.92	Average	-27	Pass
NVNT	ac40	5755	-49.68	-51.36	5.01	-42.42	Peak	-27	Pass
NVNT	ac40	5755	-56.77	-56.85	5.01	-48.79	Average	-27	Pass
NVNT	ac40	5755	-50.07	-49.27	5.01	-41.63	Peak	10	Pass
NVNT	ac40	5755	-57.03	-56.97	5.01	-48.98	Average	10	Pass
NVNT	ac40	5755	-49.71	-50.39	5.01	-42.02	Peak	15.6	Pass
NVNT	ac40	5755	-56.98	-57	5.01	-48.97	Average	15.6	Pass
NVNT	ac40	5755	-49.3	-49.96	5.01	-41.60	Peak	27	Pass
NVNT	ac40	5755	-57.14	-57.04	5.01	-49.07	Average	27	Pass
NVNT	ac40	5795	-52.19	-50.3	5.01	-43.12	Peak	27	Pass
NVNT	ac40	5795	-57.92	-57.67	5.01	-49.77	Average	27	Pass
NVNT	ac40	5795	-51.15	-51.68	5.01	-43.39	Peak	15.6	Pass
NVNT	ac40	5795	-57.69	-57.49	5.01	-49.57	Average	15.6	Pass
NVNT	ac40	5795	-50.11	-49.38	5.01	-41.71	Peak	10	Pass
NVNT	ac40	5795	-57.36	-57.52	5.01	-49.42	Average	10	Pass
NVNT	ac40	5795	-50.2	-49.68	5.01	-41.91	Peak	-27	Pass
NVNT	ac40	5795	-56.76	-56.79	5.01	-48.75	Average	-27	Pass
NVNT	ac80	5775	-49.83	-50.1	5.01	-41.94	Peak	-27	Pass
NVNT	ac80	5775	-57.08	-56.64	5.01	-48.83	Average	-27	Pass
NVNT	ac80	5775	-51.31	-50.87	5.01	-43.06	Peak	10	Pass
NVNT	ac80	5775	-56.81	-57.11	5.01	-48.94	Average	10	Pass
NVNT	ac80	5775	-51.86	-49.33	5.01	-42.39	Peak	15.6	Pass
NVNT	ac80	5775	-57.1	-56.82	5.01	-48.94	Average	15.6	Pass
NVNT	ac80	5775	-49.79	-50.6	5.01	-42.16	Peak	27	Pass
NVNT	ac80	5775	-56.87	-57.24	5.01	-49.03	Average	27	Pass
NVNT	ac80	5775	-49.35	-49.86	5.01	-41.58	Peak	27	Pass
NVNT	ac80	5775	-57.45	-57.49	5.01	-49.45	Average	27	Pass
NVNT	ac80	5775	-50.64	-51.82	5.01	-43.17	Peak	15.6	Pass
NVNT	ac80	5775	-57.07	-57.43	5.01	-49.23	Average	15.6	Pass



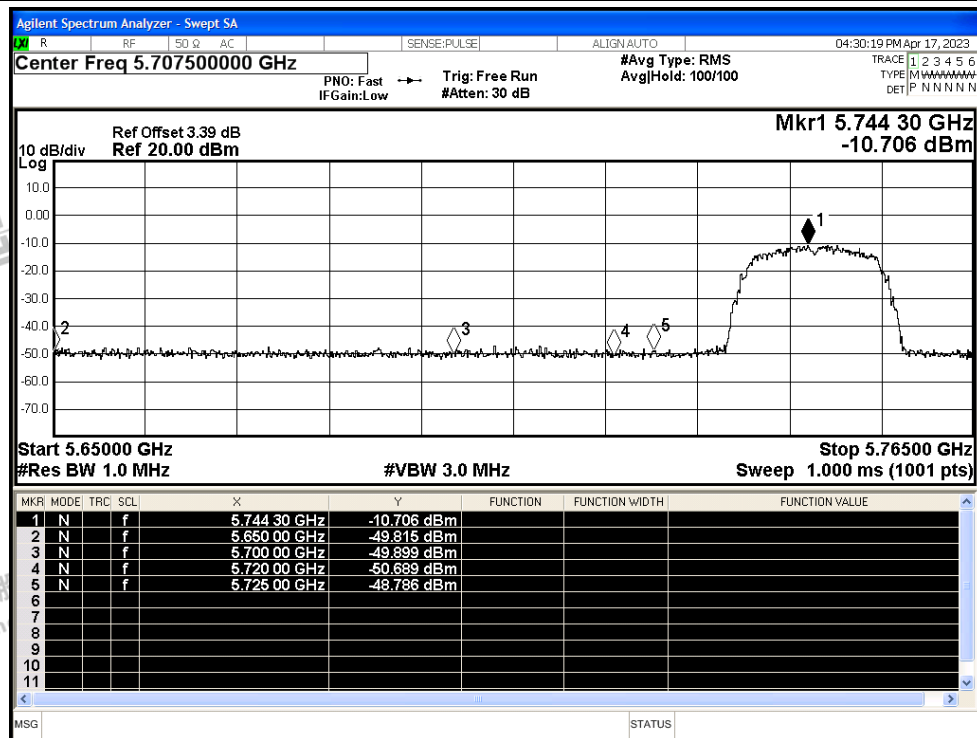


NVNT	ac80	5775	-51.45	-50.27	5.01	-42.80	Peak	10	Pass
NVNT	ac80	5775	-57.12	-57.05	5.01	-49.06	Average	10	Pass
NVNT	ac80	5775	-50.35	-48.7	5.01	-41.43	Peak	-27	Pass
NVNT	ac80	5775	-56.76	-56.84	5.01	-48.78	Average	-27	Pass

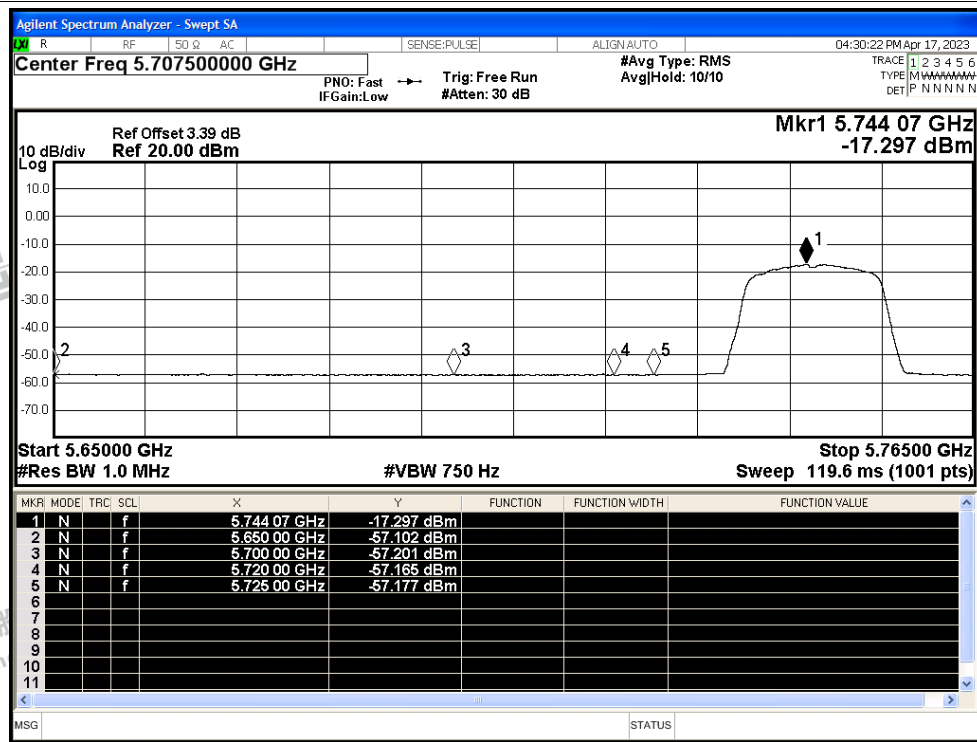


Test Graphs

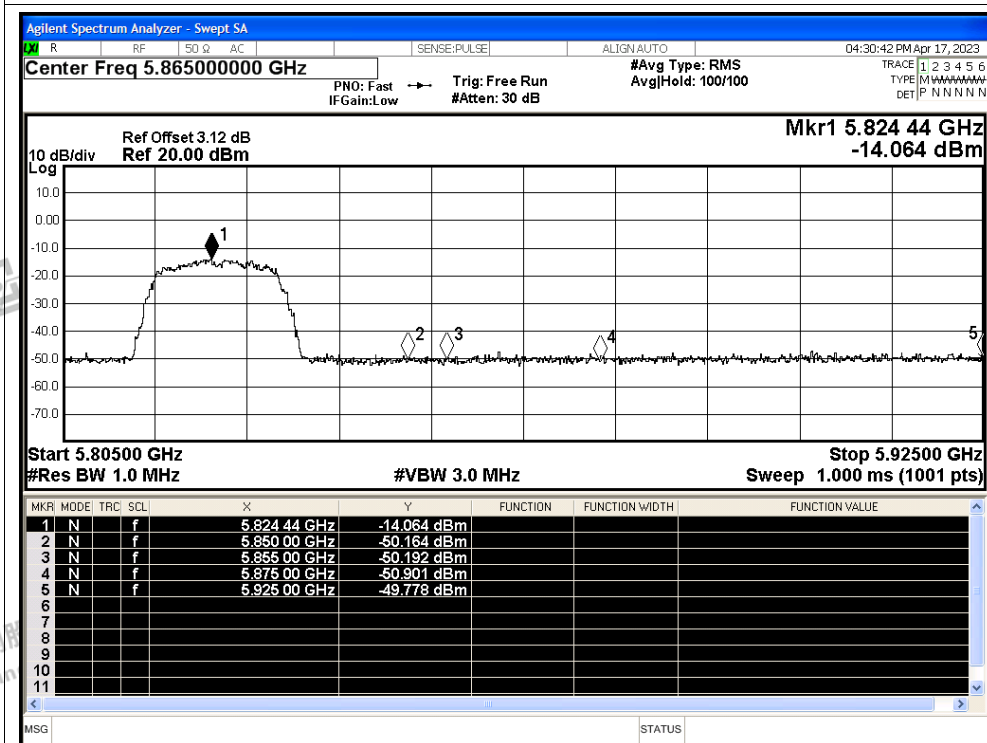
Restrict Band NVNT a 5745MHz Ant0 Peak



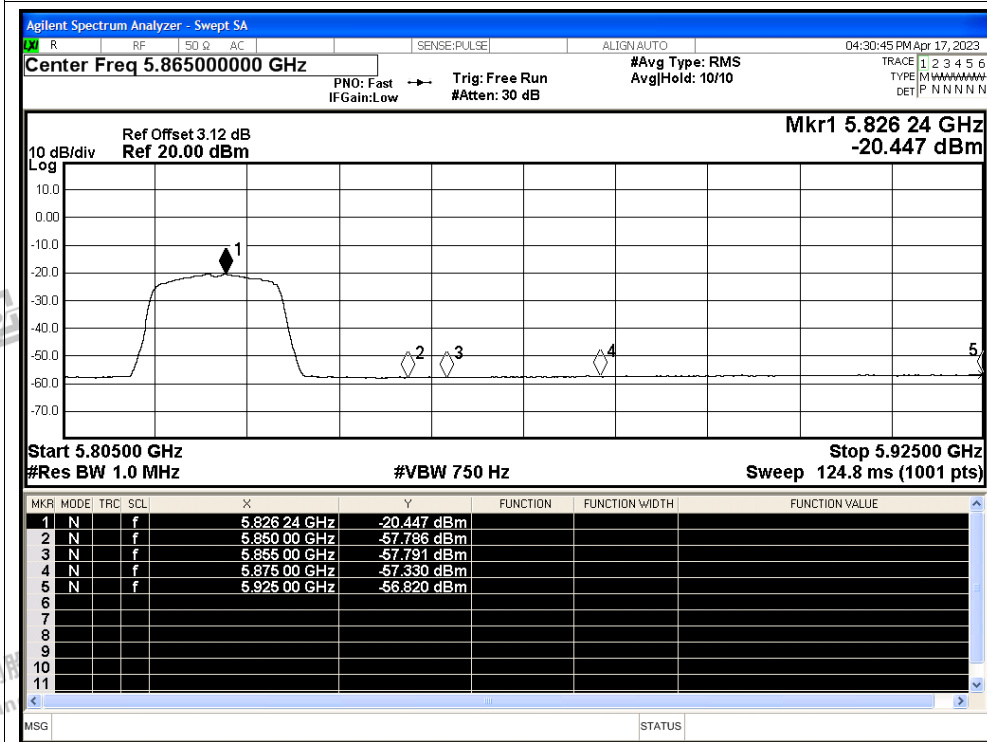
Restrict Band NVNT a 5745MHz Ant0 Average



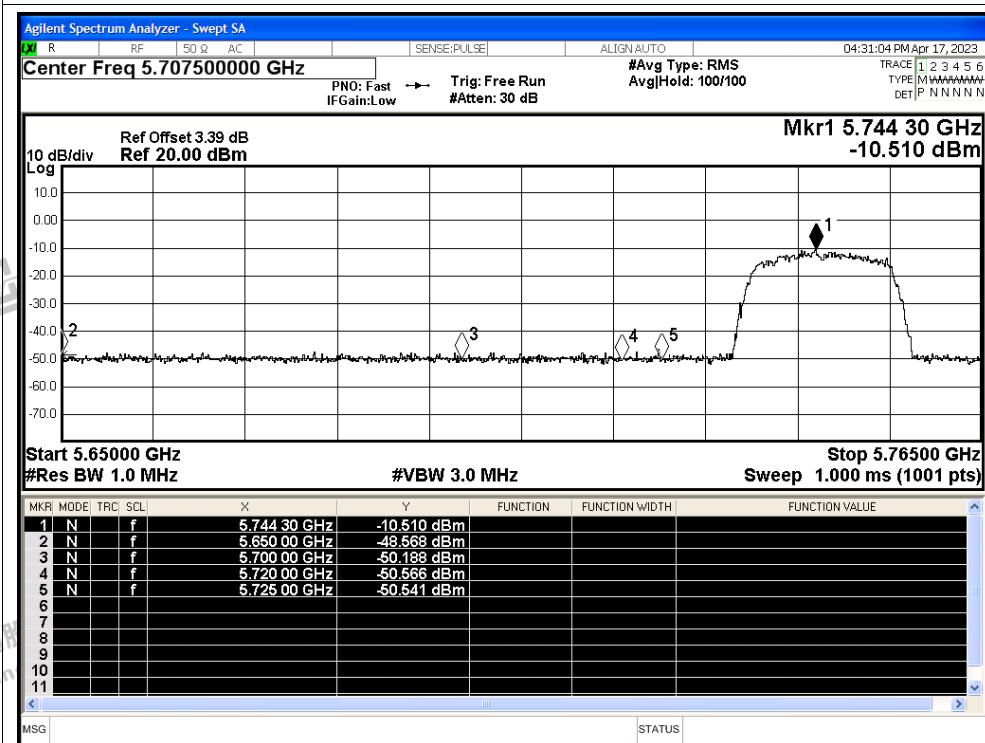
Restrict Band NVNT a 5825MHz Ant0 Peak



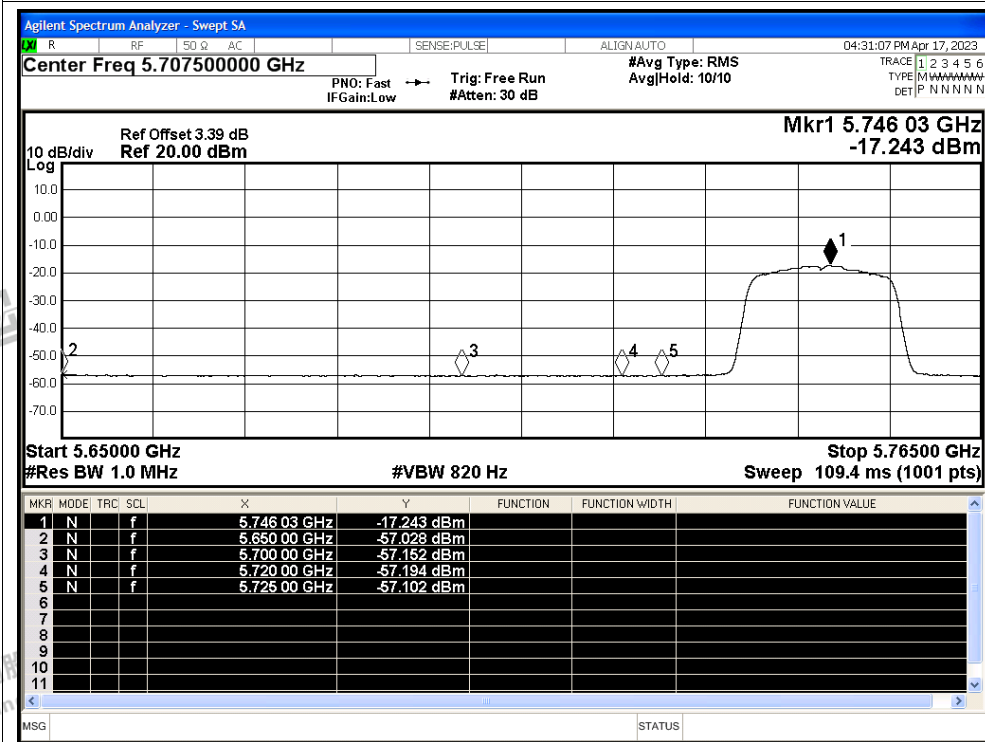
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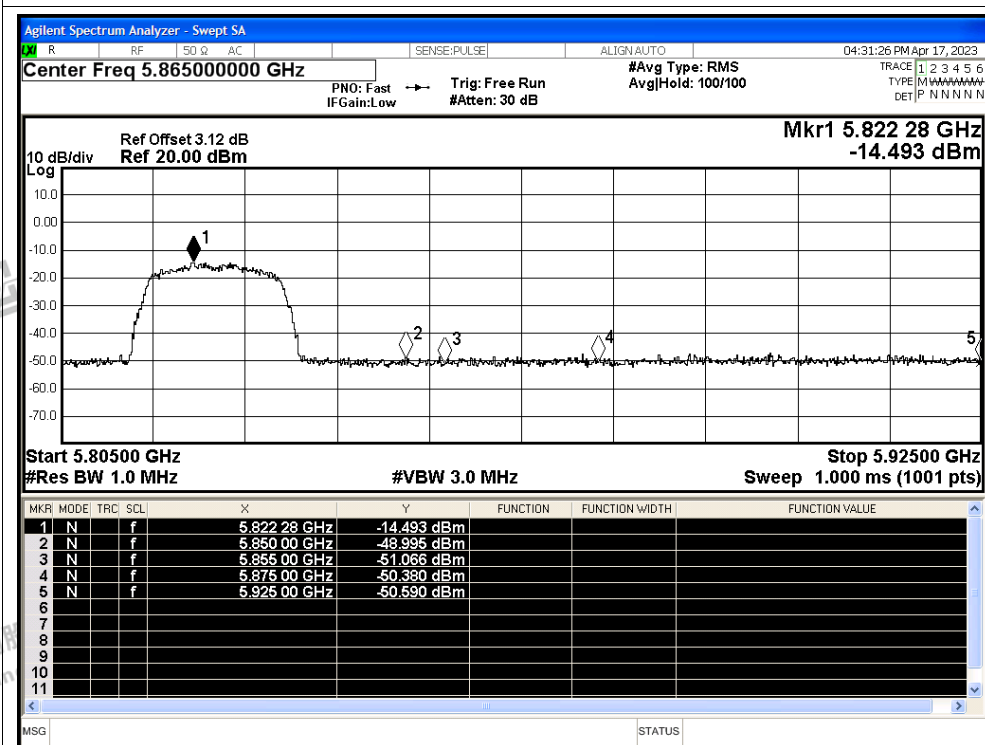
Restrict Band NVNT n20 5745MHz Ant0 Peak



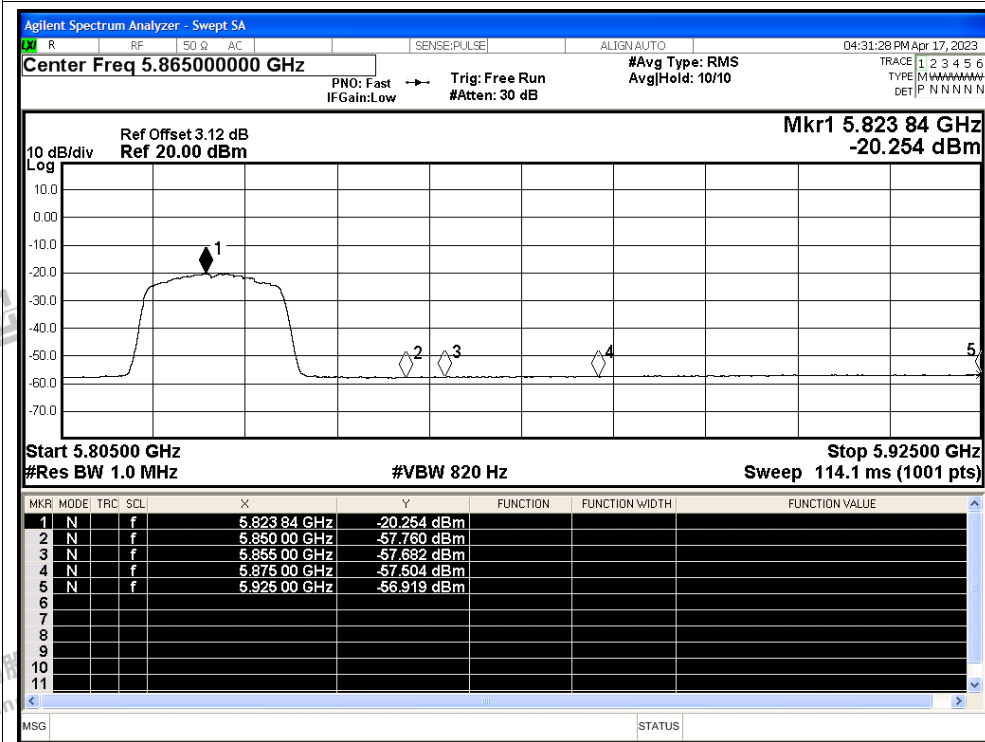
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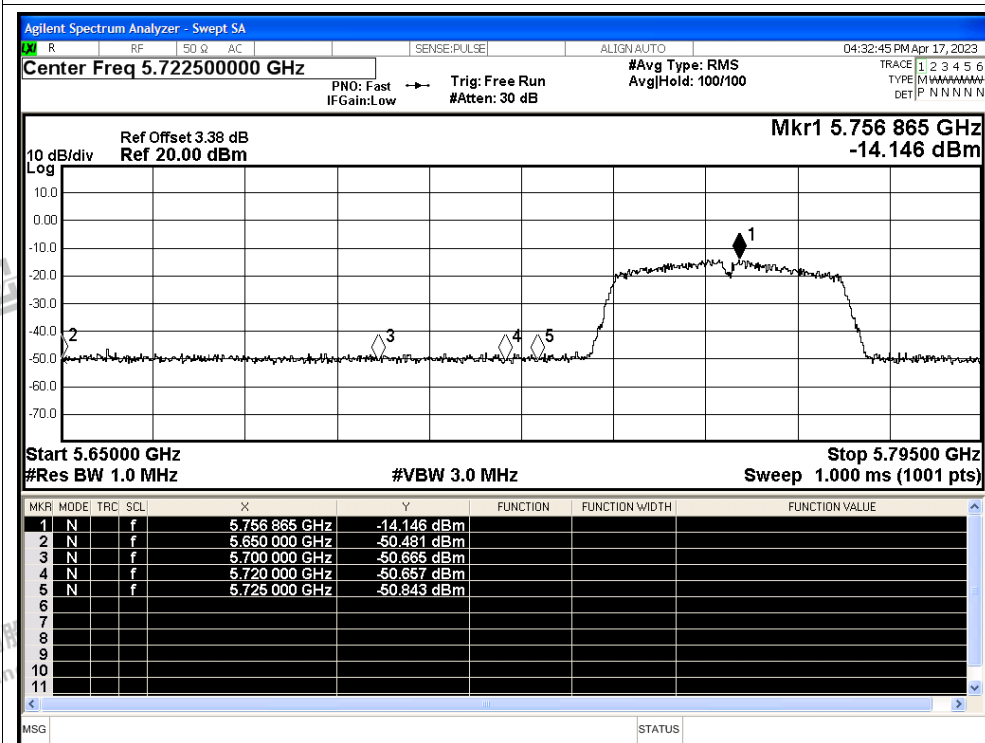
Restrict Band NVNT n20 5825MHz Ant0 Peak



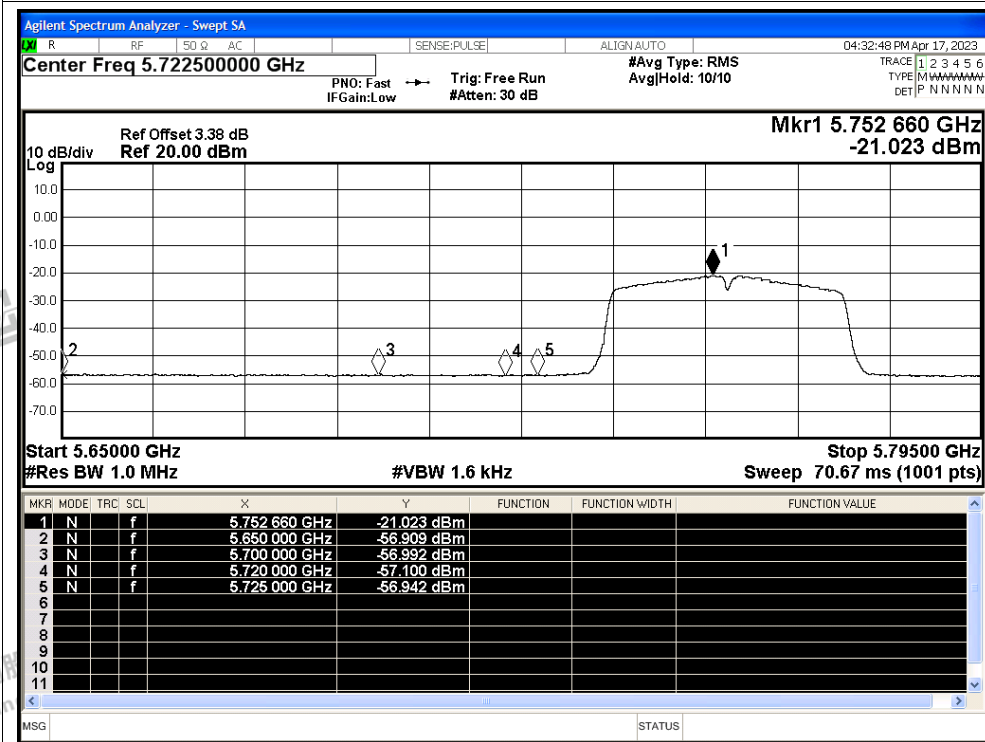
Restrict Band NVNT n20 5825MHz Ant0 Average



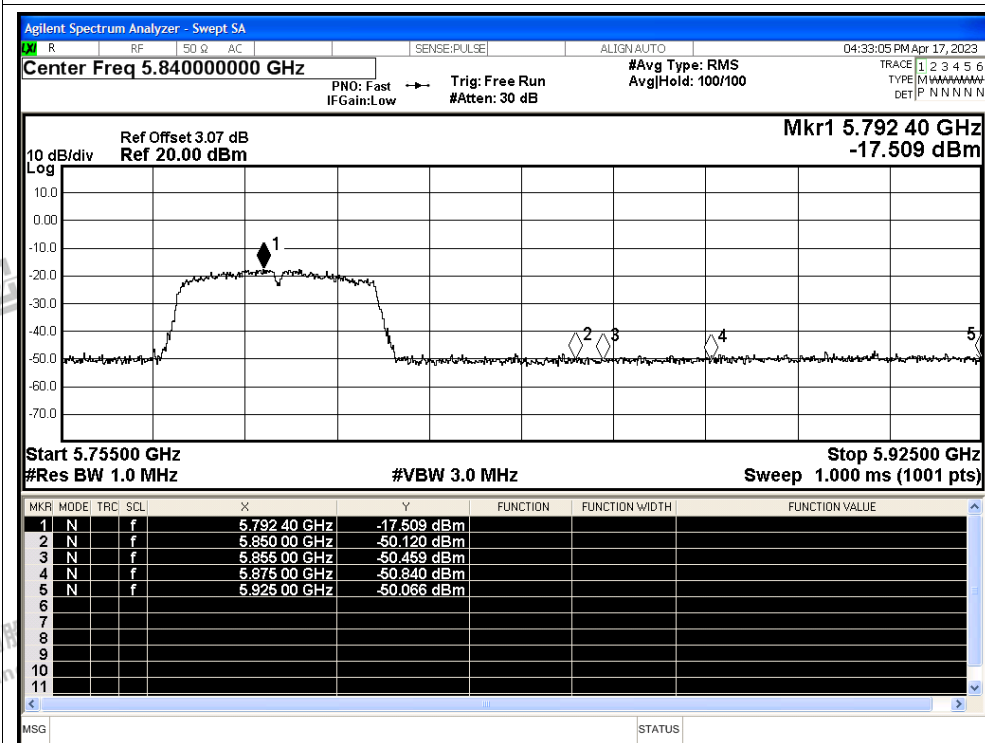
Restrict Band NVNT n40 5755MHz Ant0 Peak



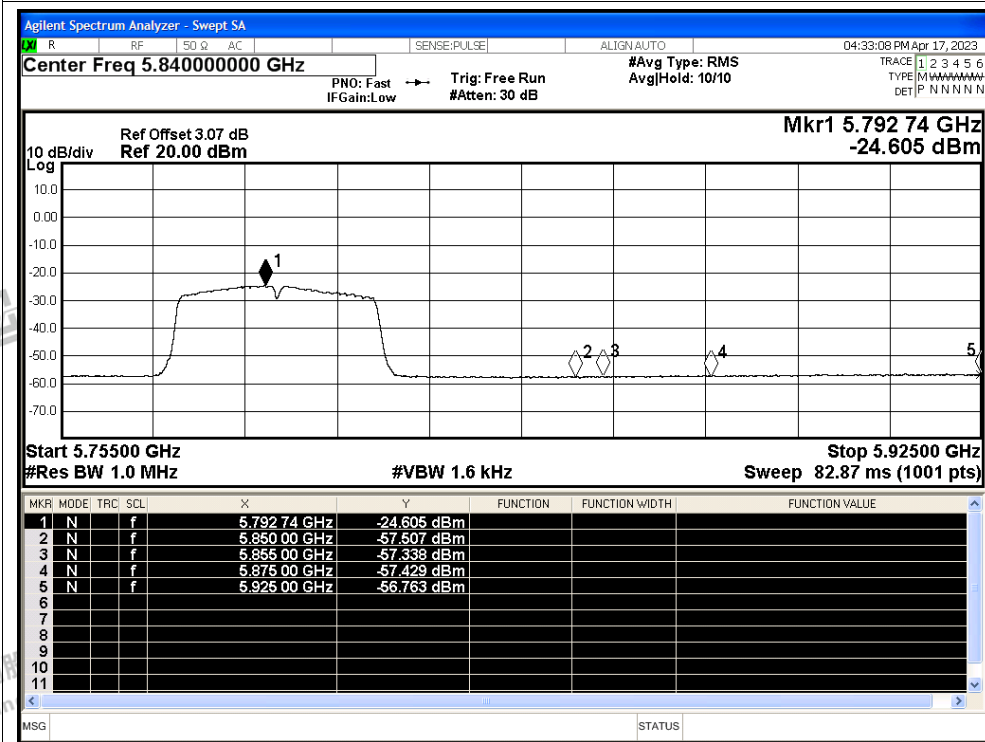
Restrict Band NVNT n40 5755MHz Ant0 Average



Restrict Band NVNT n40 5795MHz Ant0 Peak

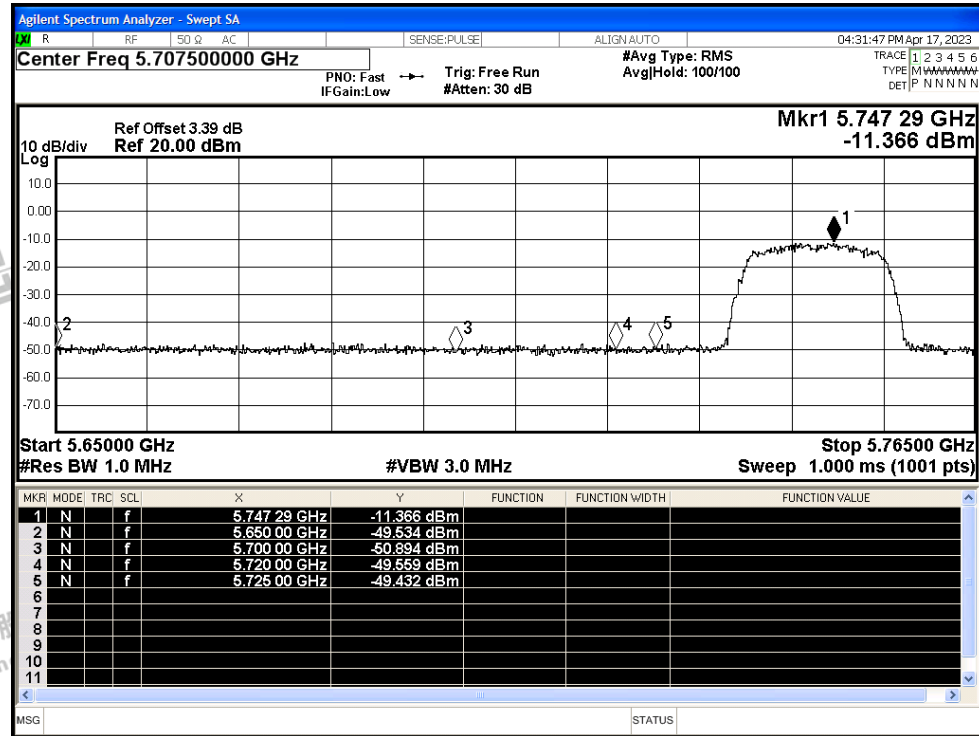


Restrict Band NVNT n40 5795MHz Ant0 Average

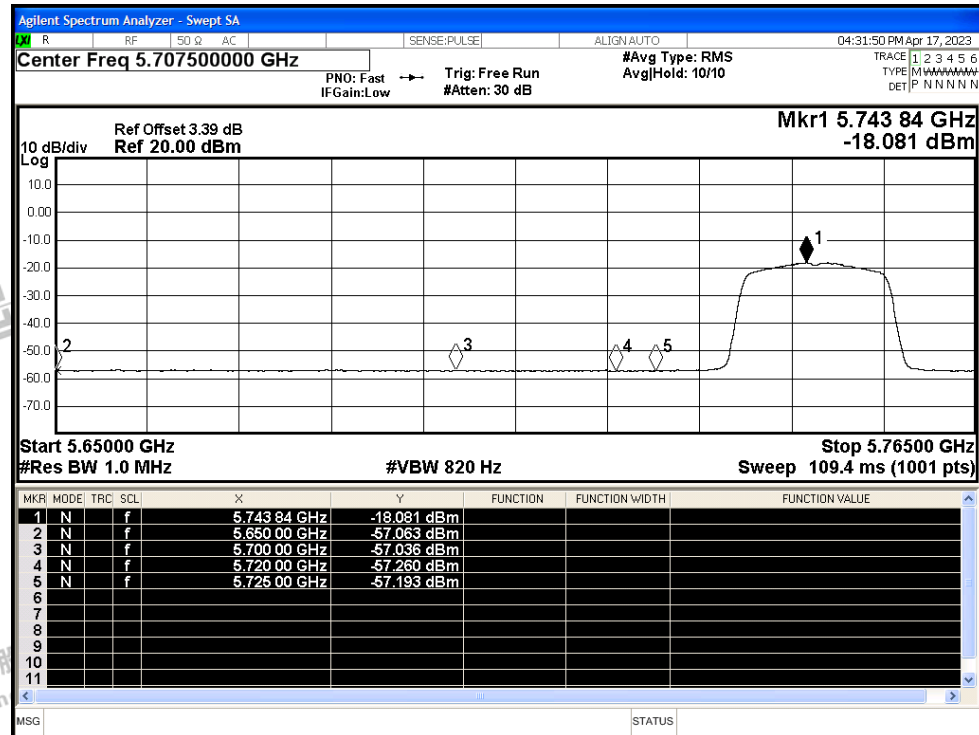




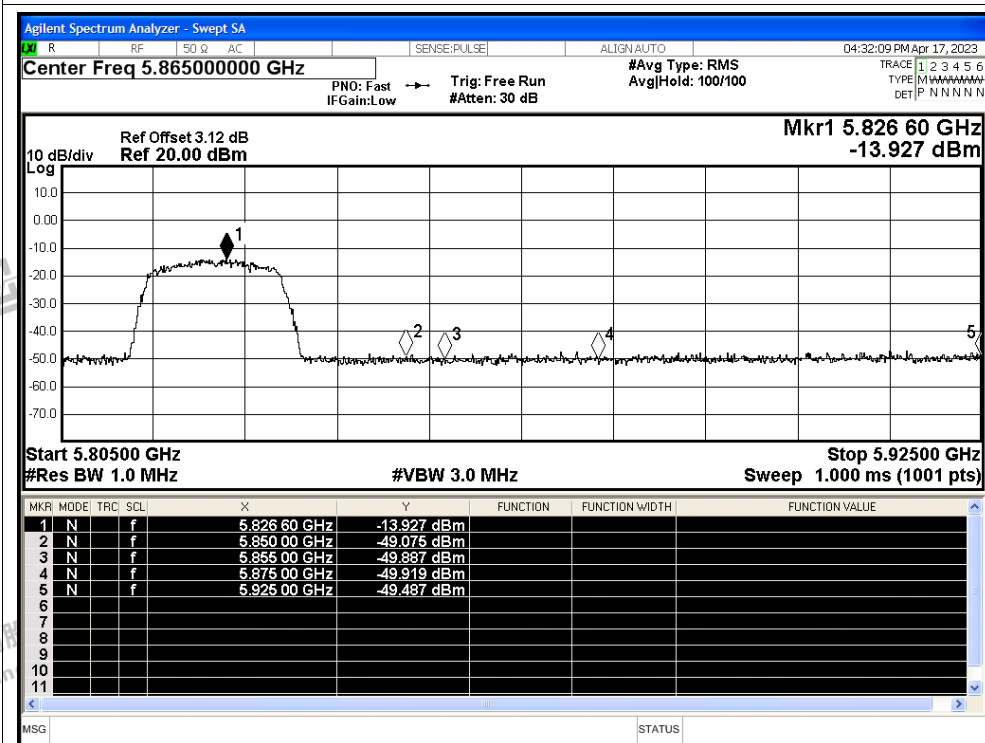
Restrict Band NVNT ac20 5745MHz Ant0 Peak



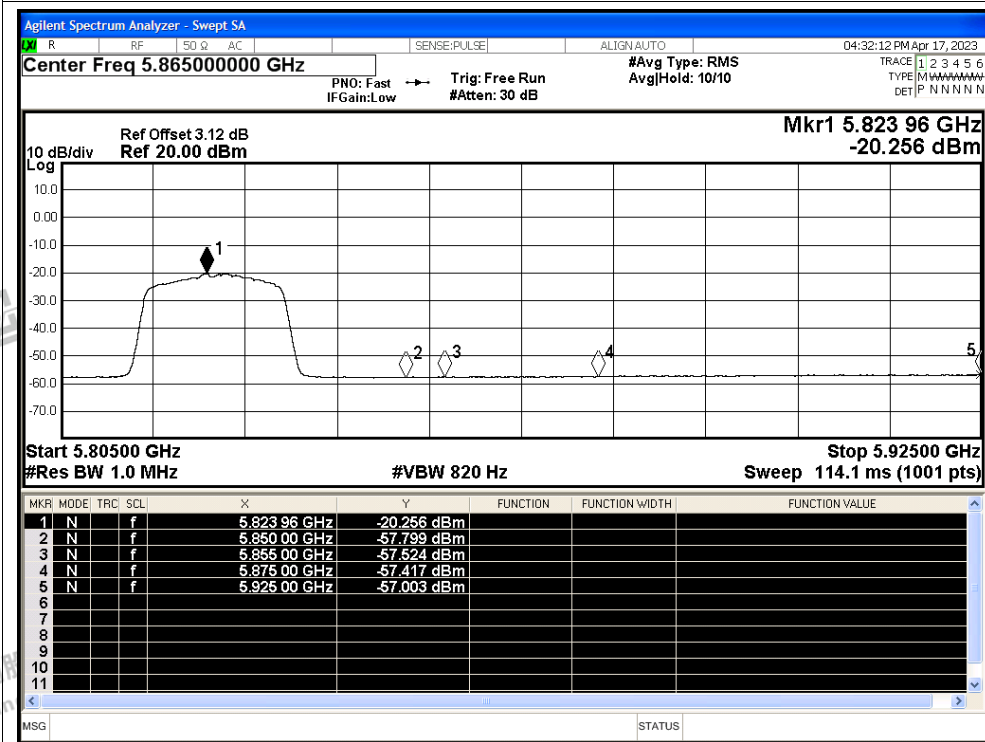
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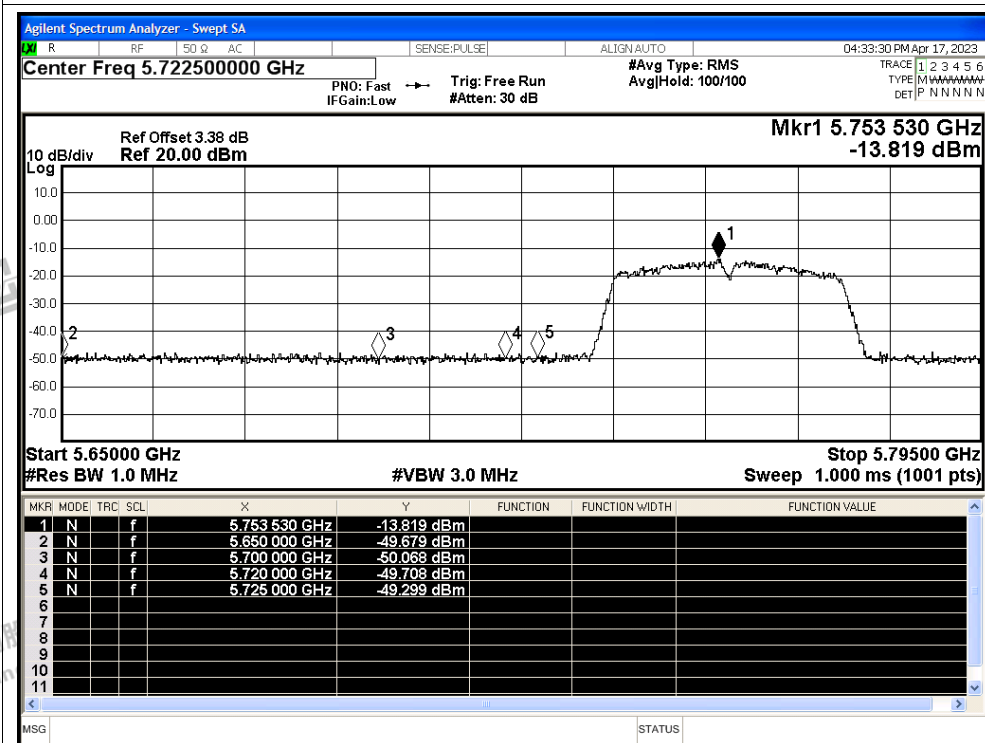
Restrict Band NVNT ac20 5825MHz Ant0 Peak



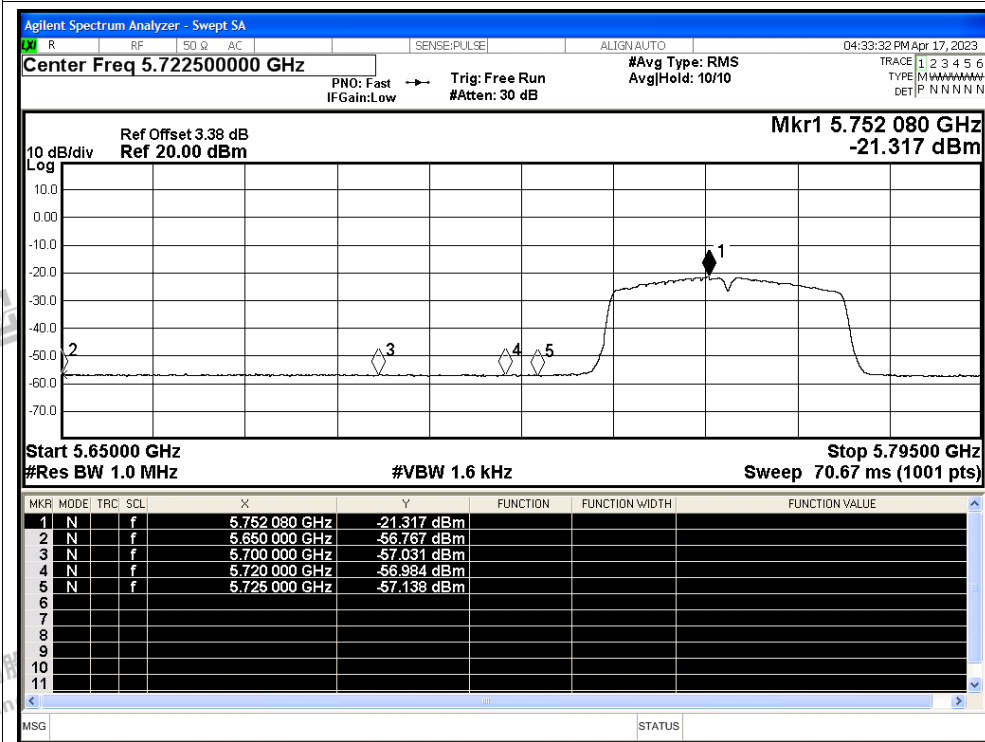
Restrict Band NVNT ac20 5825MHz Ant0 Average



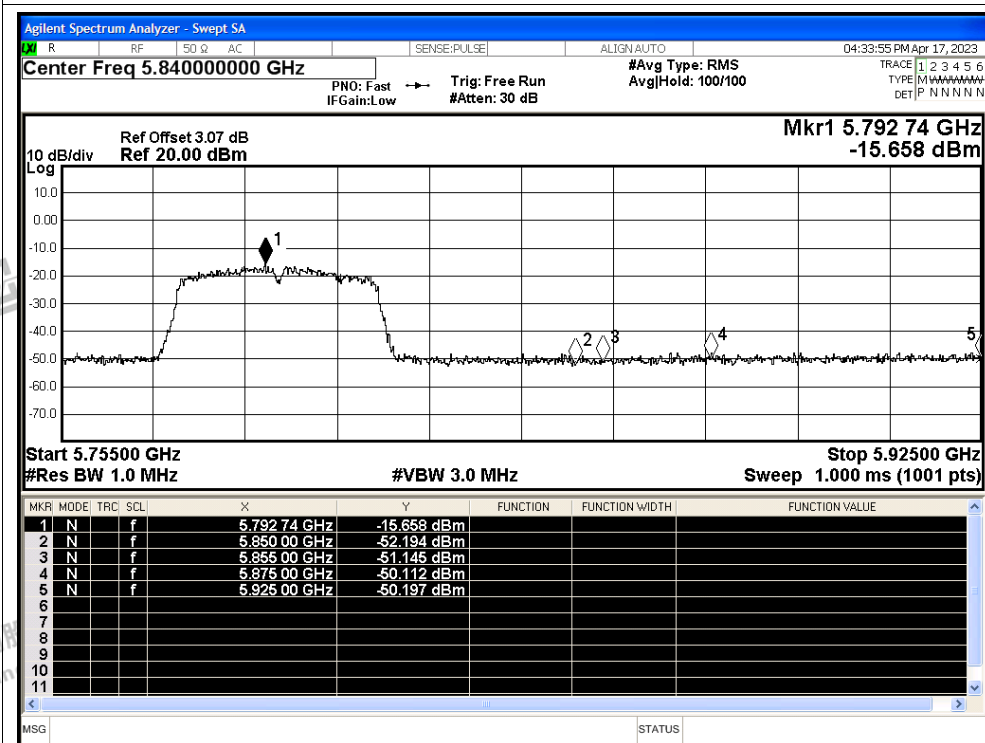
Restrict Band NVNT ac40 5755MHz Ant0 Peak



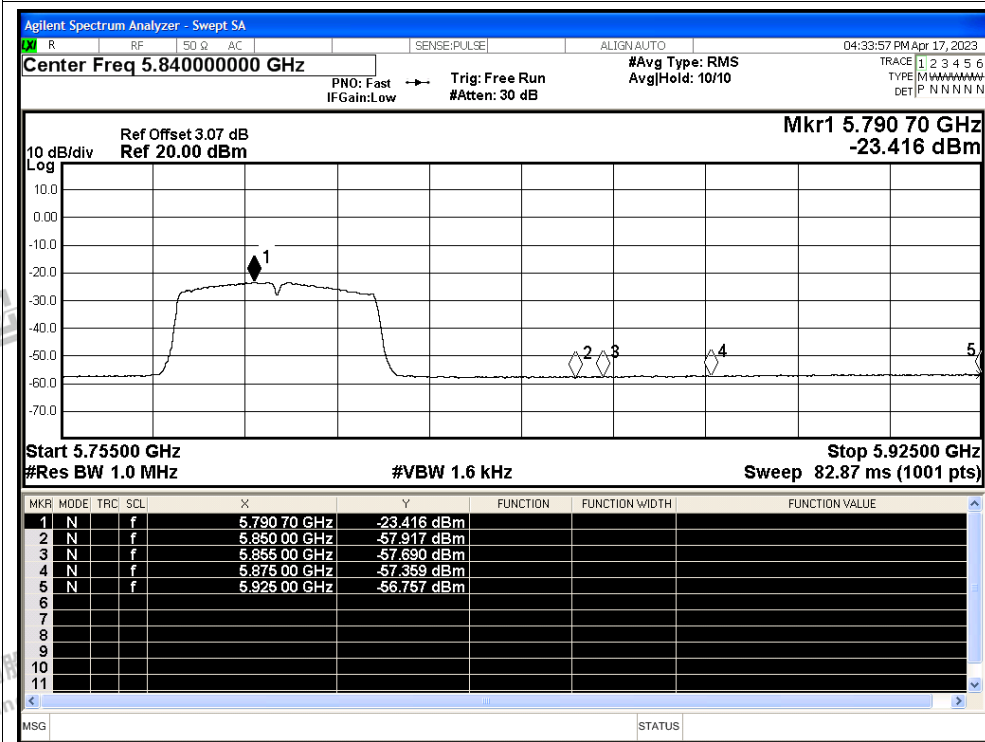
Restrict Band NVNT ac40 5755MHz Ant0 Average



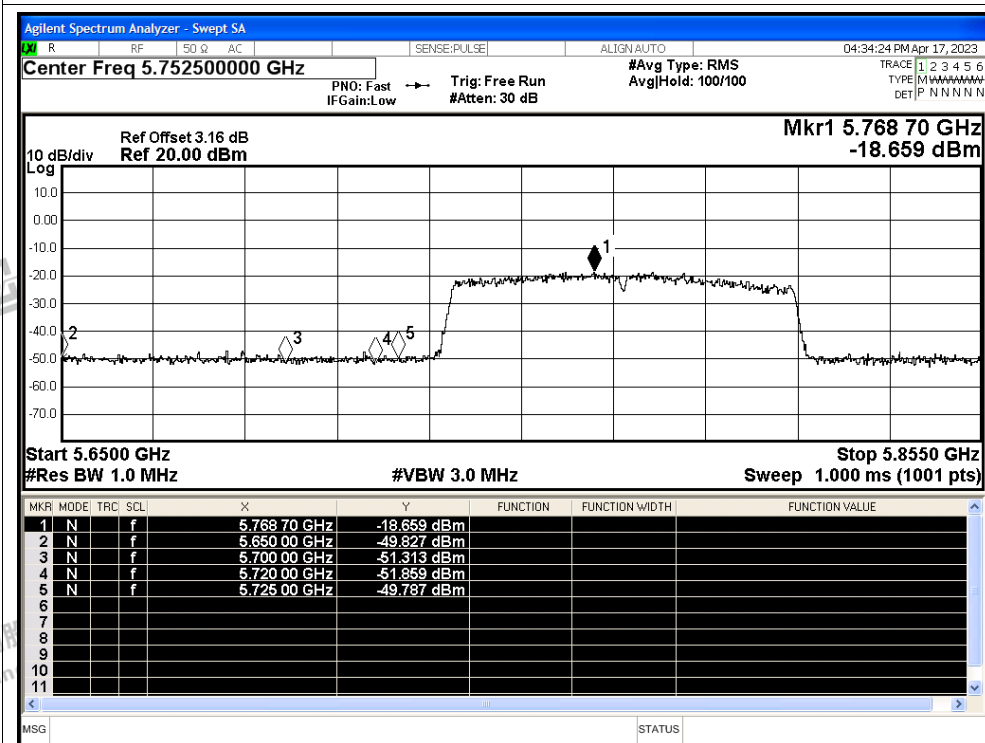
Restrict Band NVNT ac40 5795MHz Ant0 Peak



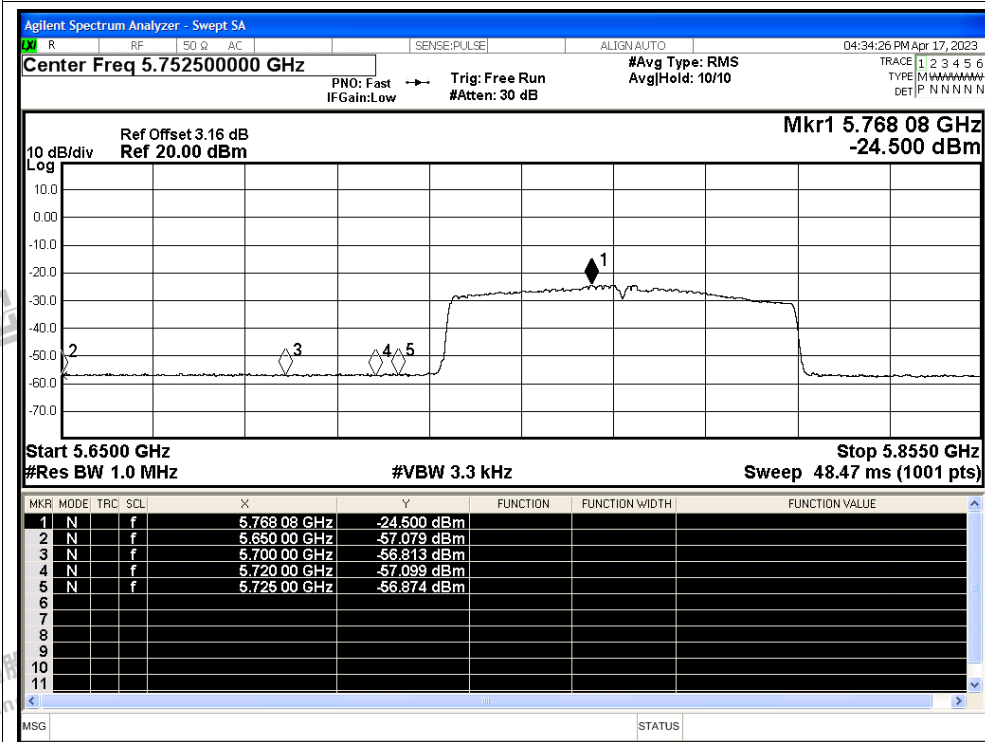
Restrict Band NVNT ac40 5795MHz Ant0 Average



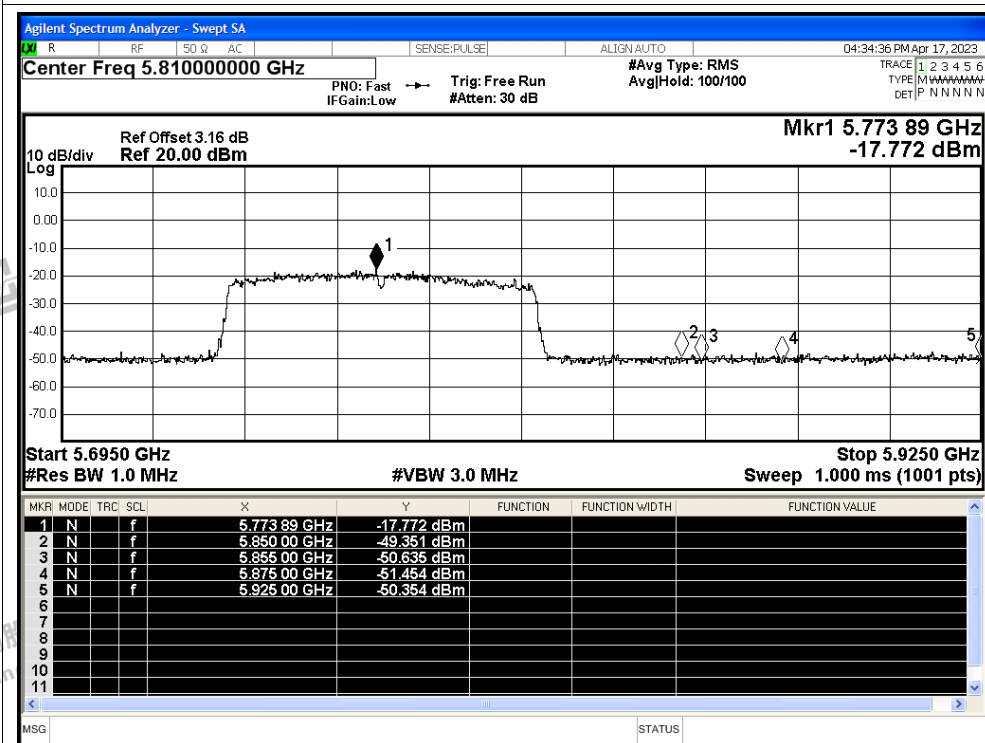
Restrict Band NVNT ac80 5775MHz Ant0 Peak



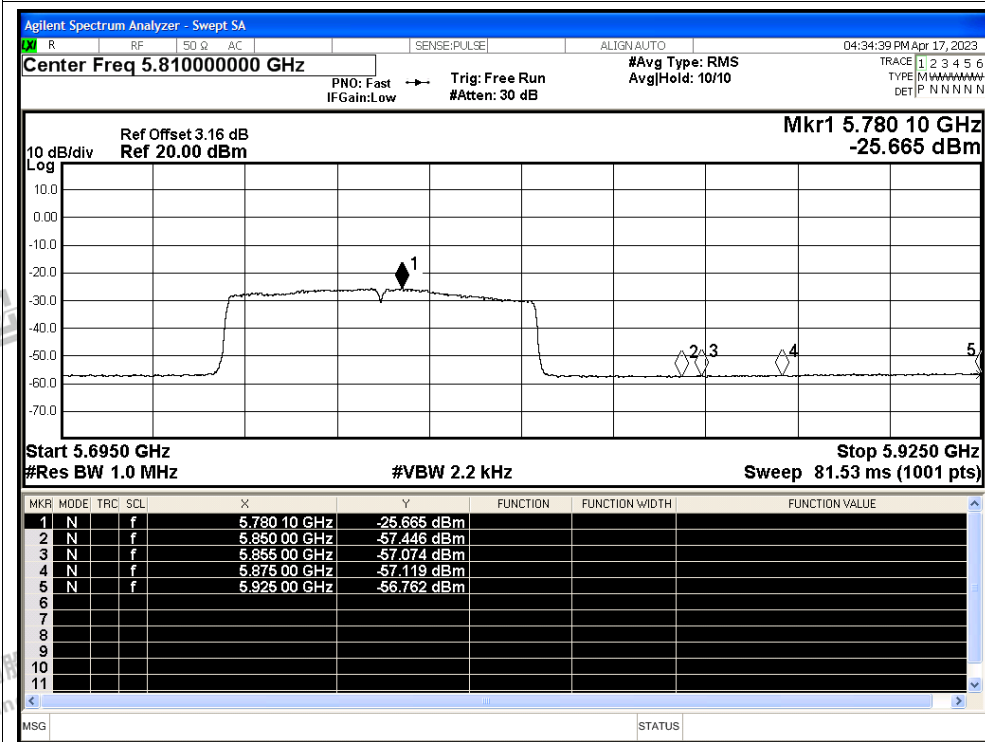
Restrict Band NVNT ac80 5775MHz Ant0 Average



Restrict Band NVNT ac80 5775MHz Ant0 Peak

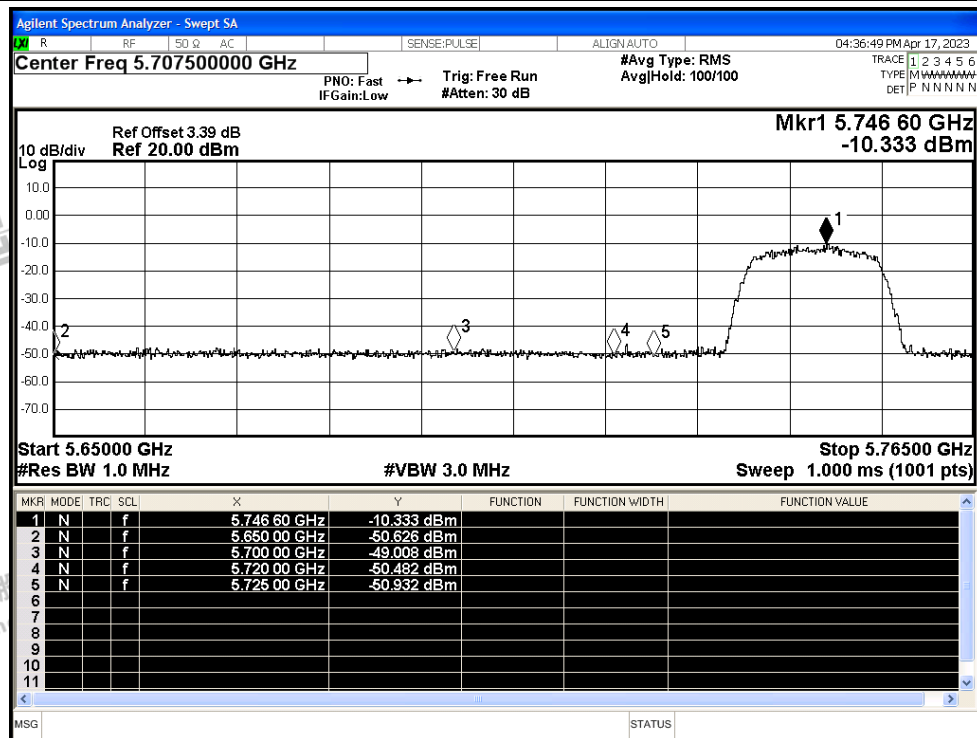


Restrict Band NVNT ac80 5775MHz Ant0 Average

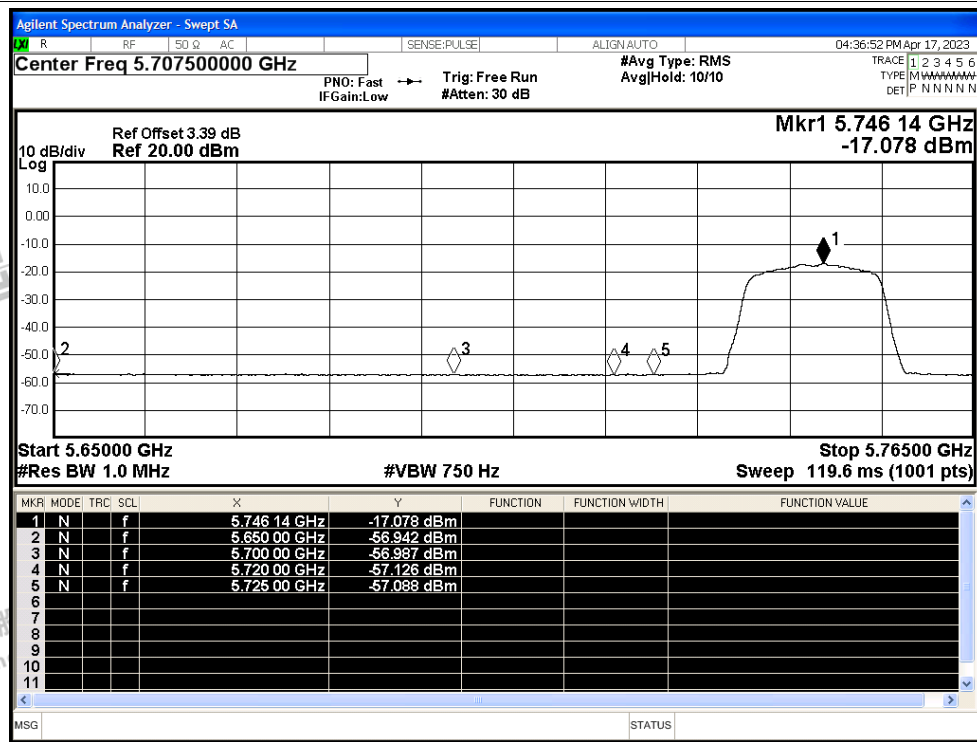


Test Graphs

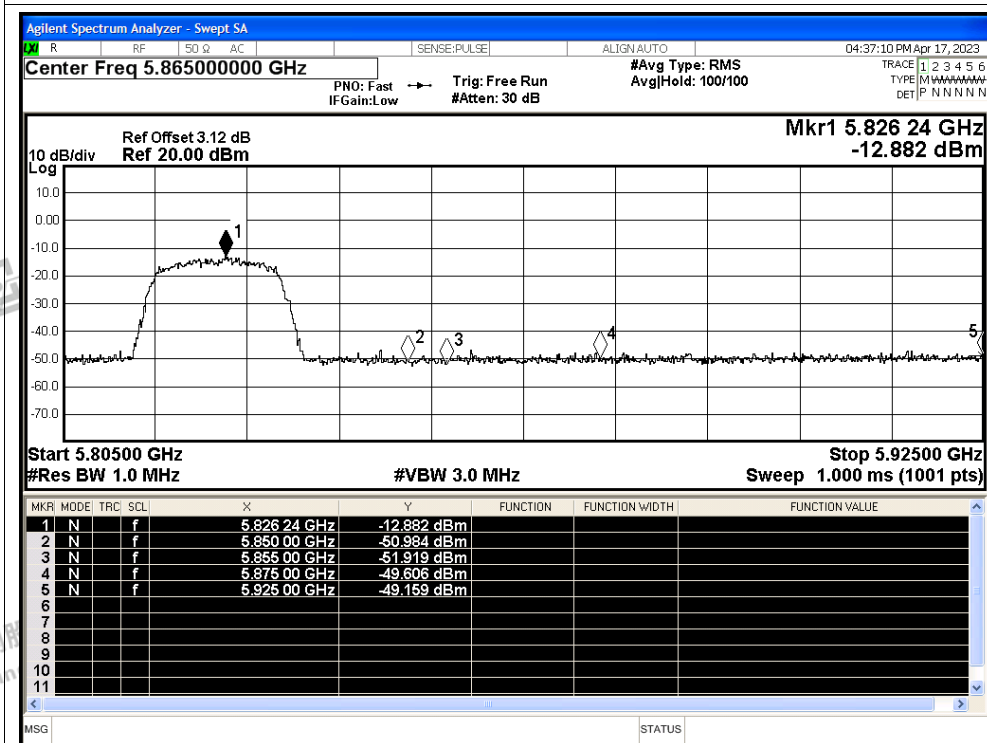
Restrict Band NVNT a 5745MHz Ant1 Peak



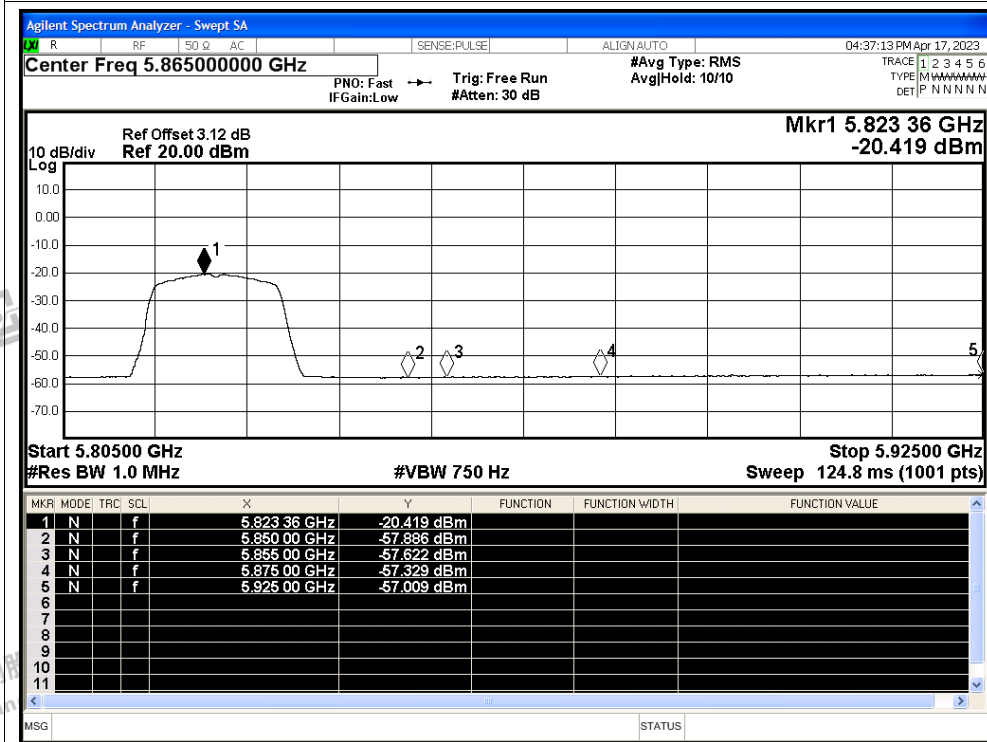
Restrict Band NVNT a 5745MHz Ant1 Average



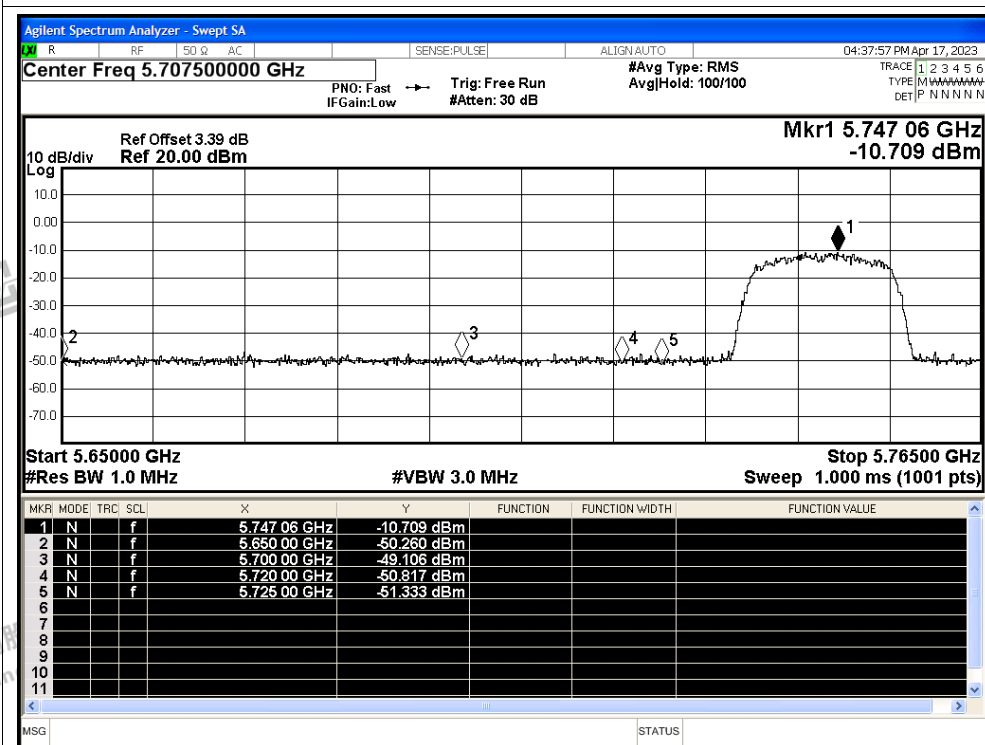
Restrict Band NVNT a 5825MHz Ant1 Peak



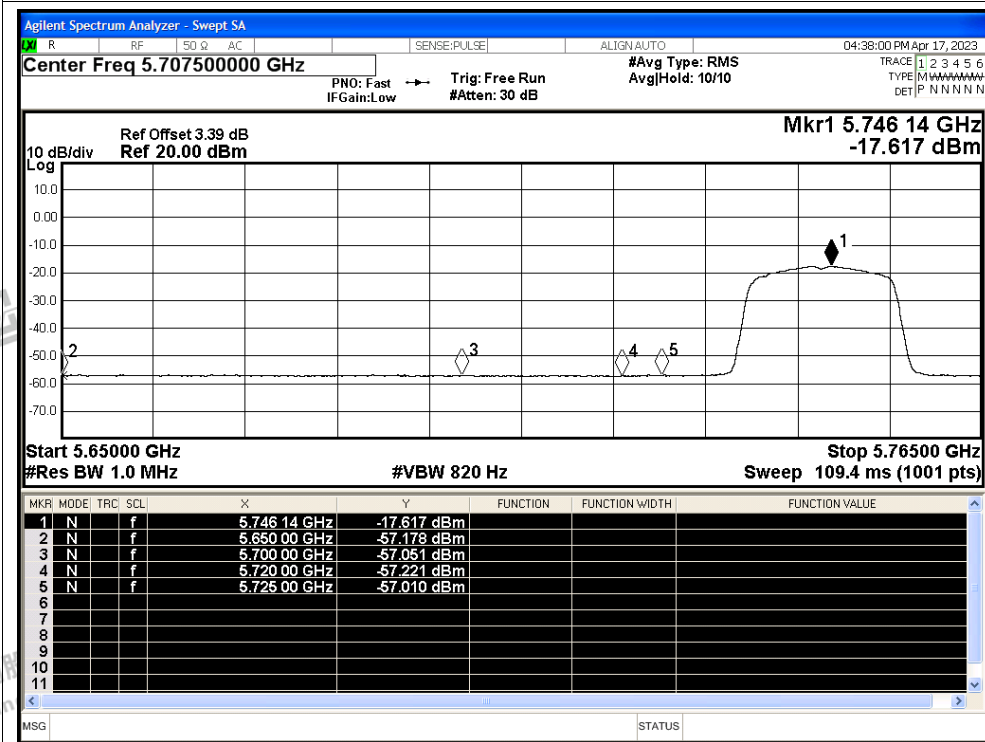
Restrict Band NVNT a 5825MHz Ant1 Average



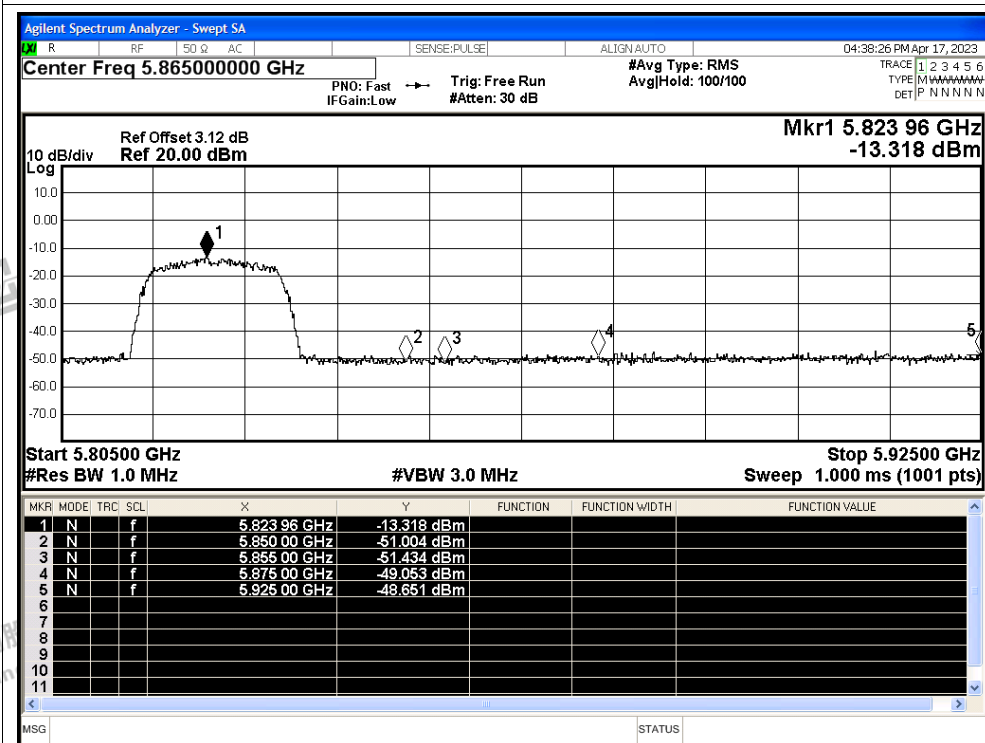
Restrict Band NVNT n20 5745MHz Ant1 Peak



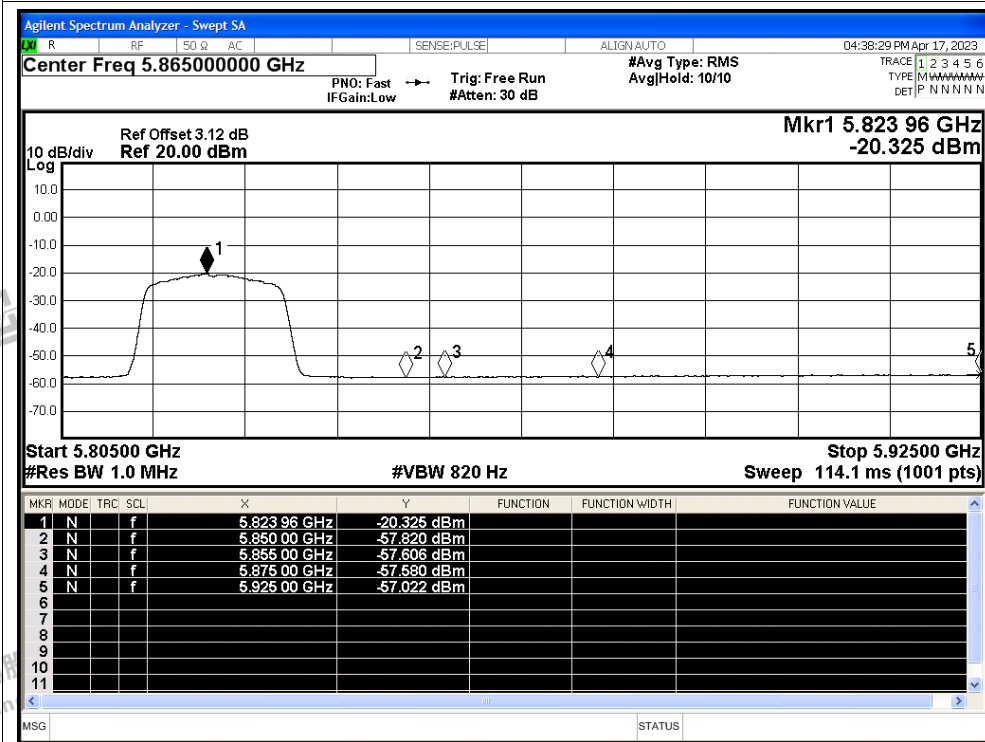
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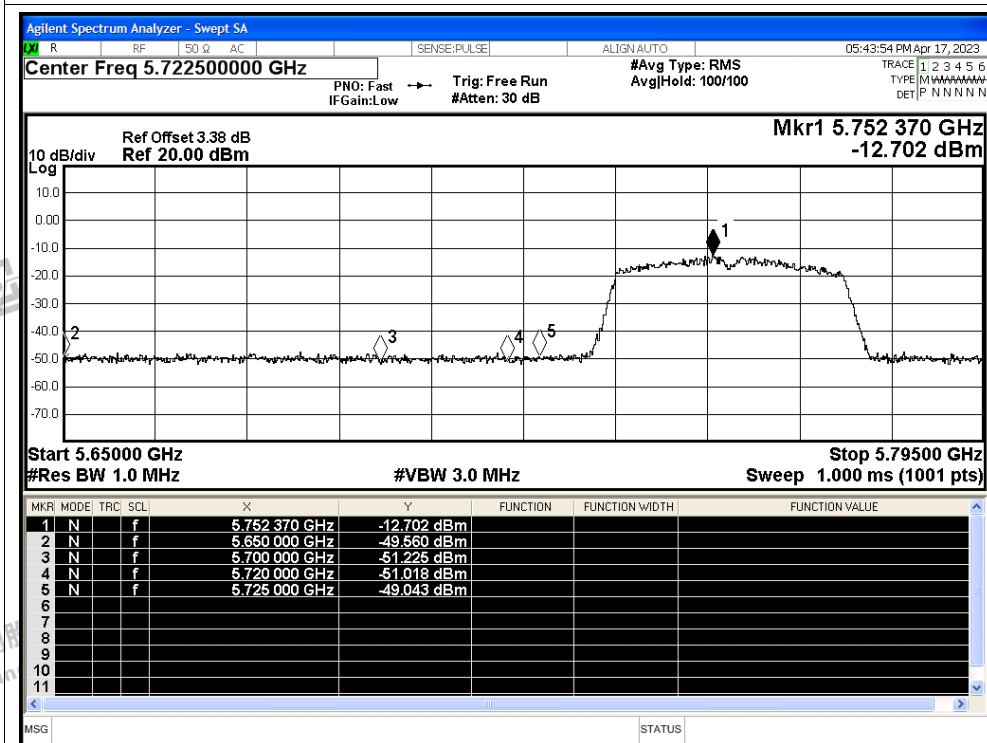
Restrict Band NVNT n20 5825MHz Ant1 Peak



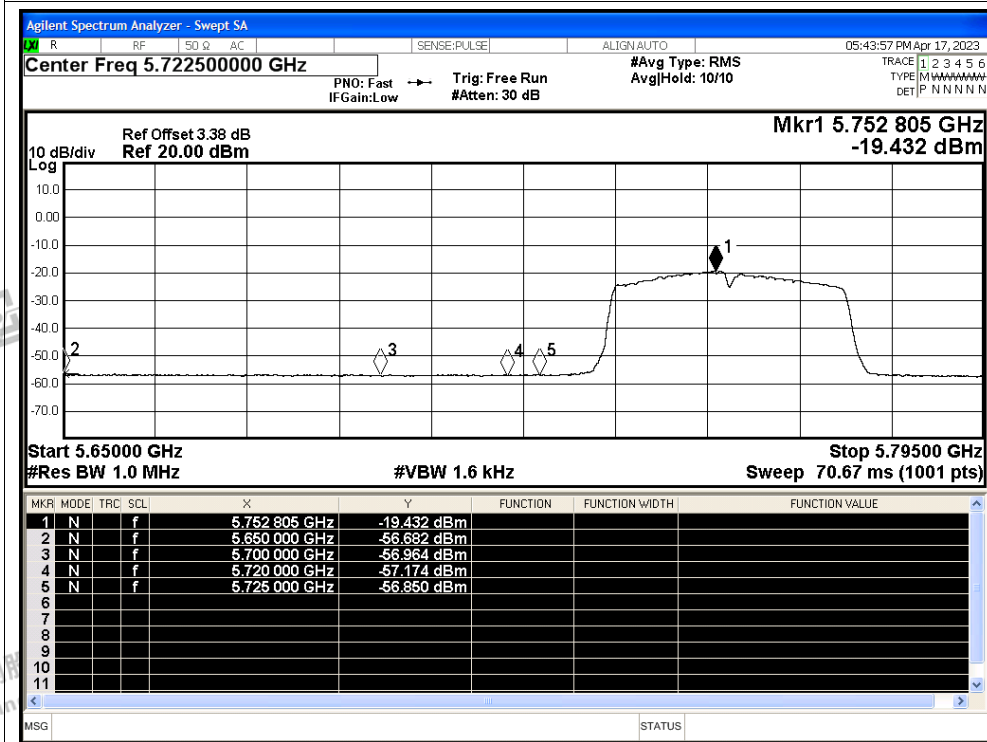
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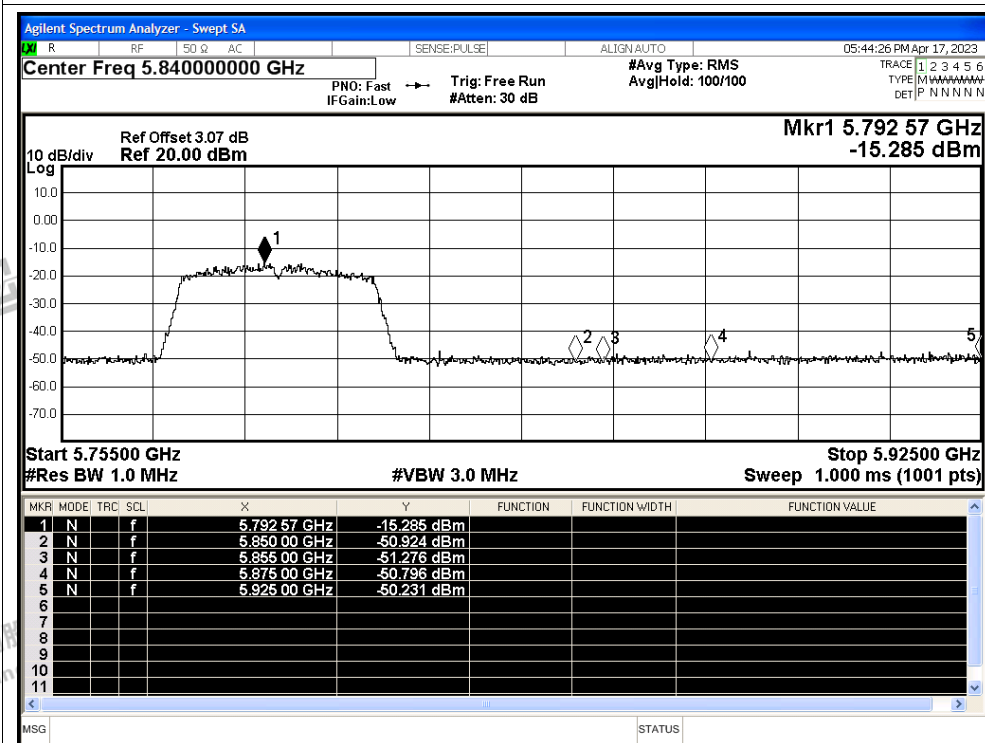
Restrict Band NVNT n40 5755MHz Ant1 Peak



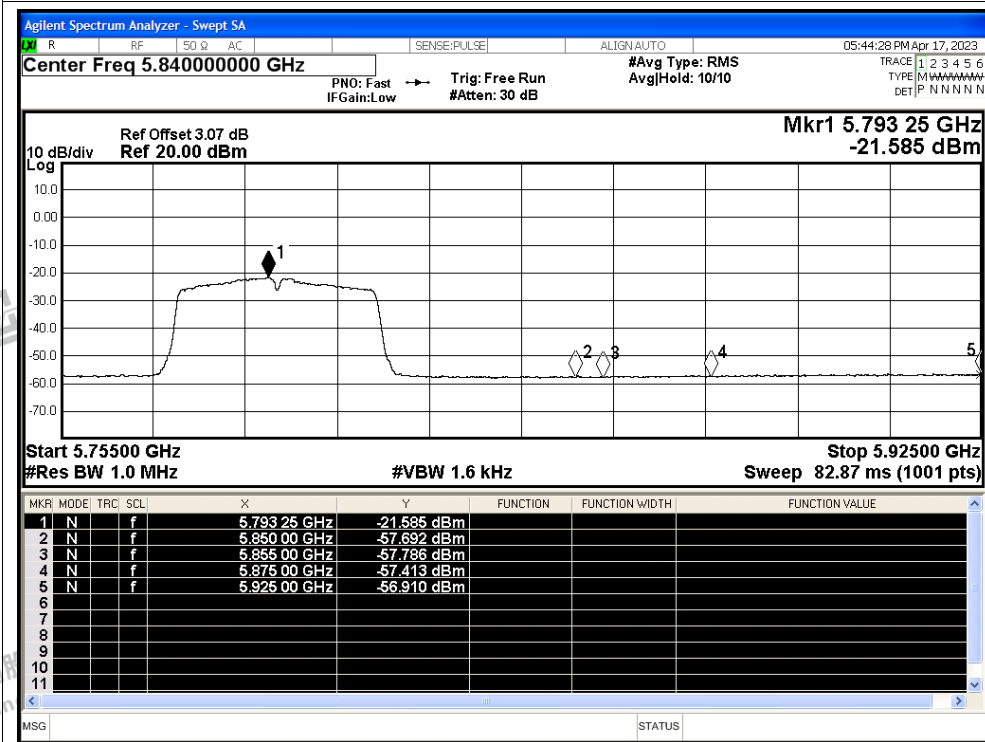
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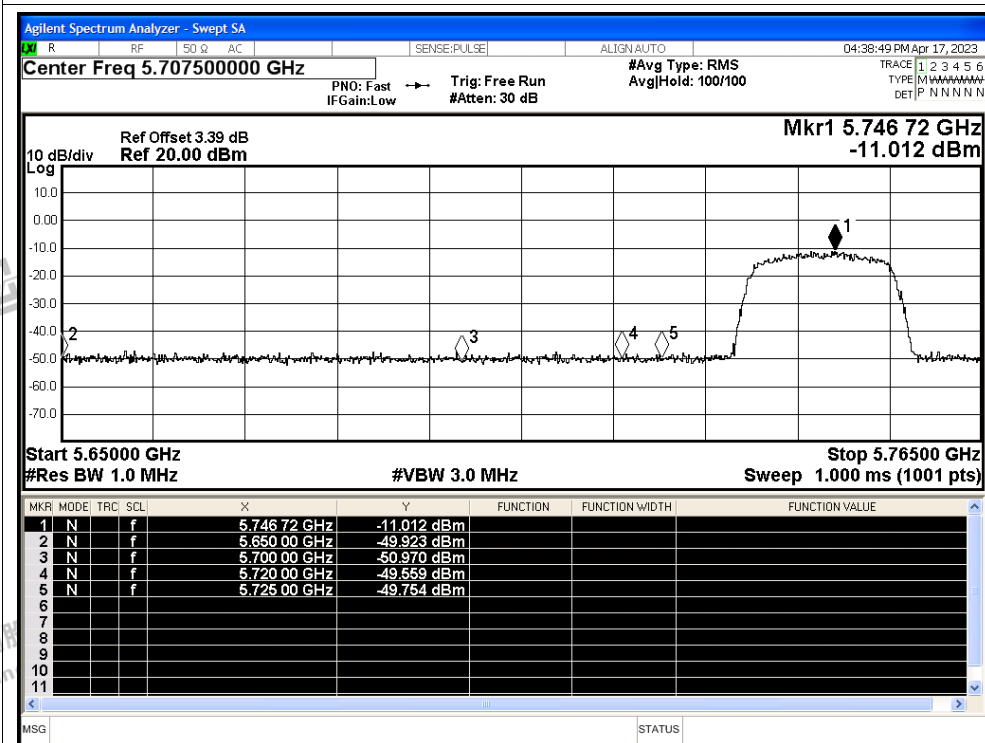
Restrict Band NVNT n40 5795MHz Ant1 Peak



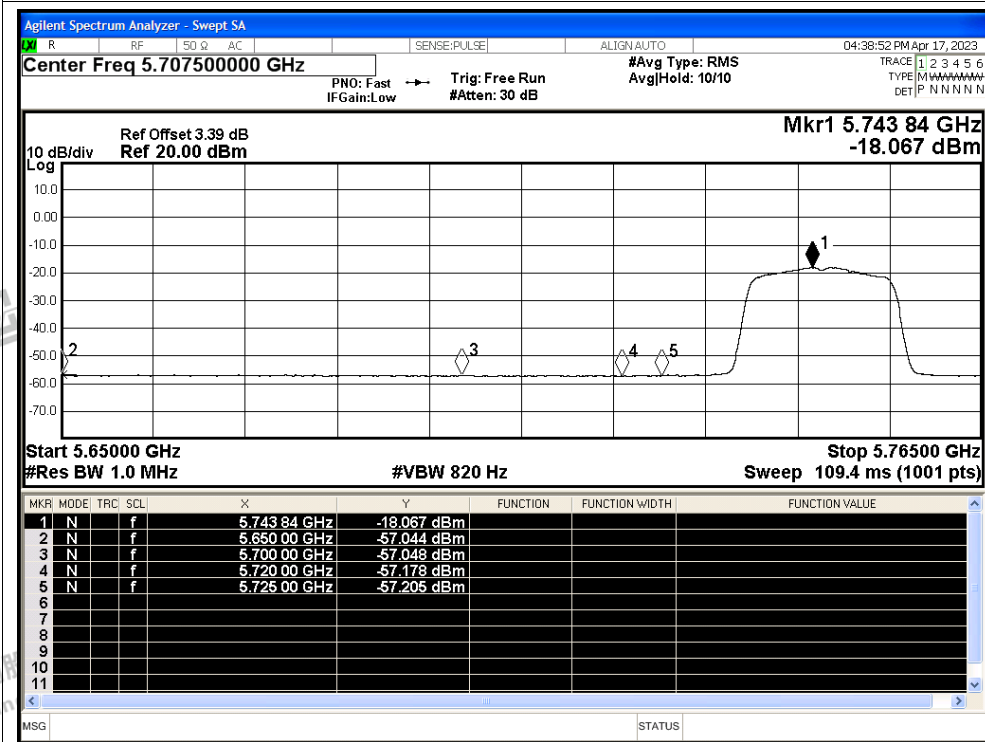
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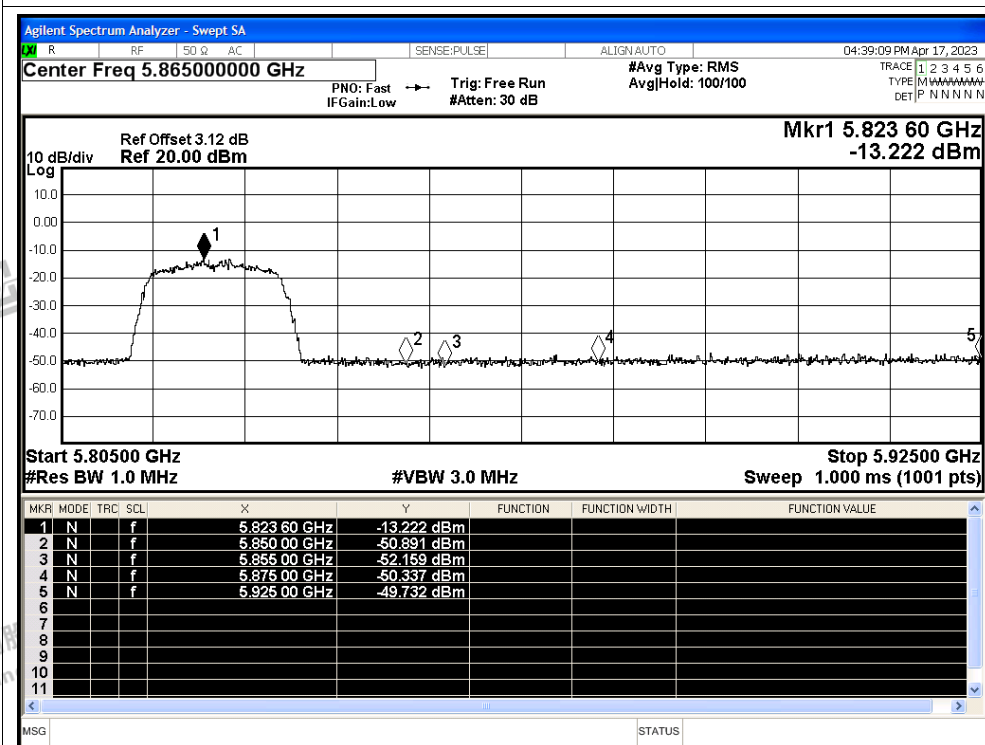
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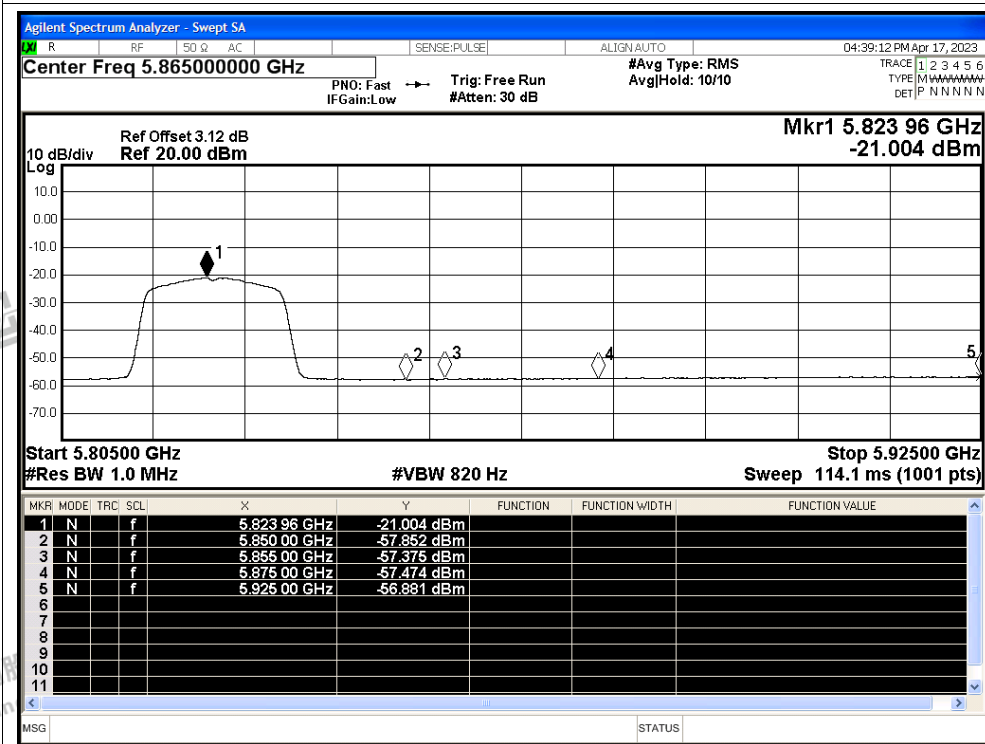
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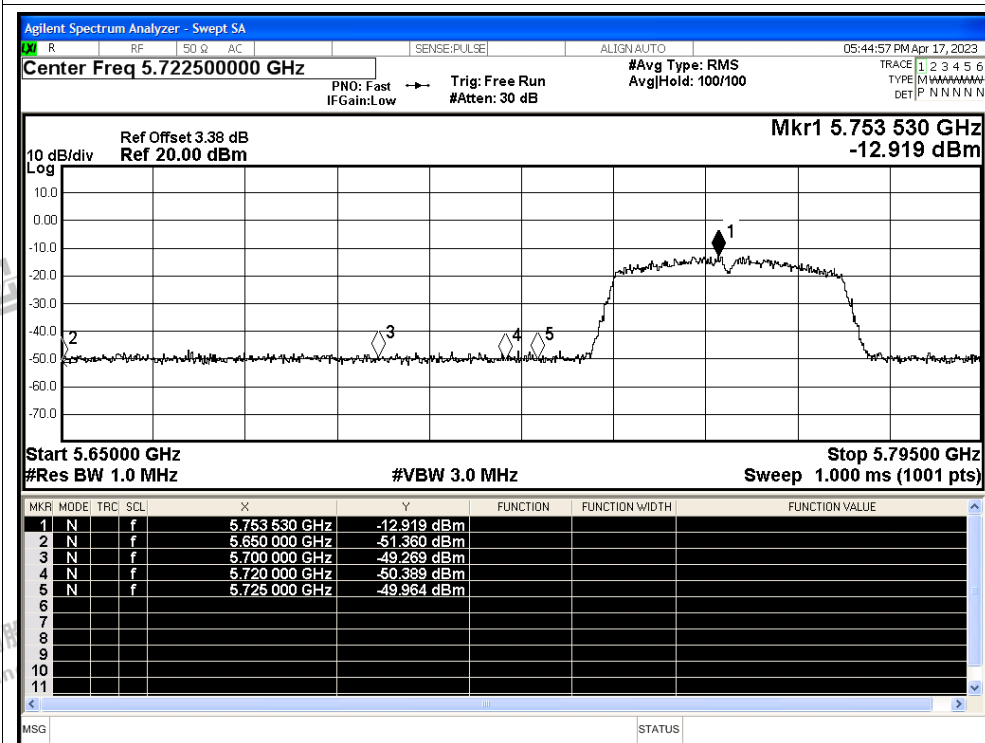
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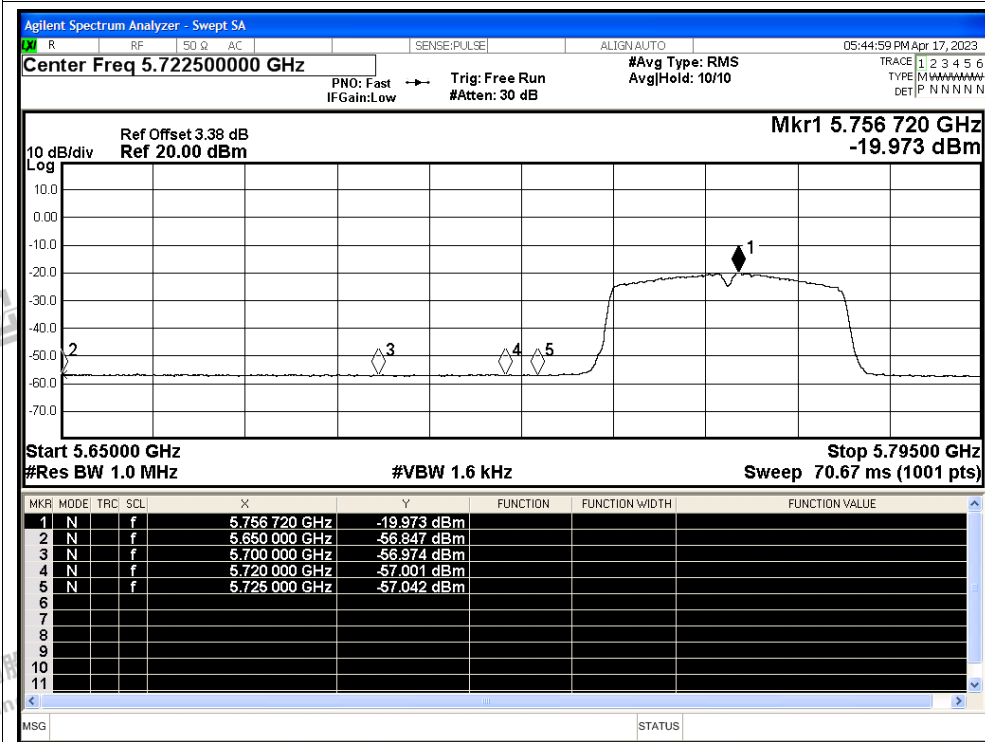
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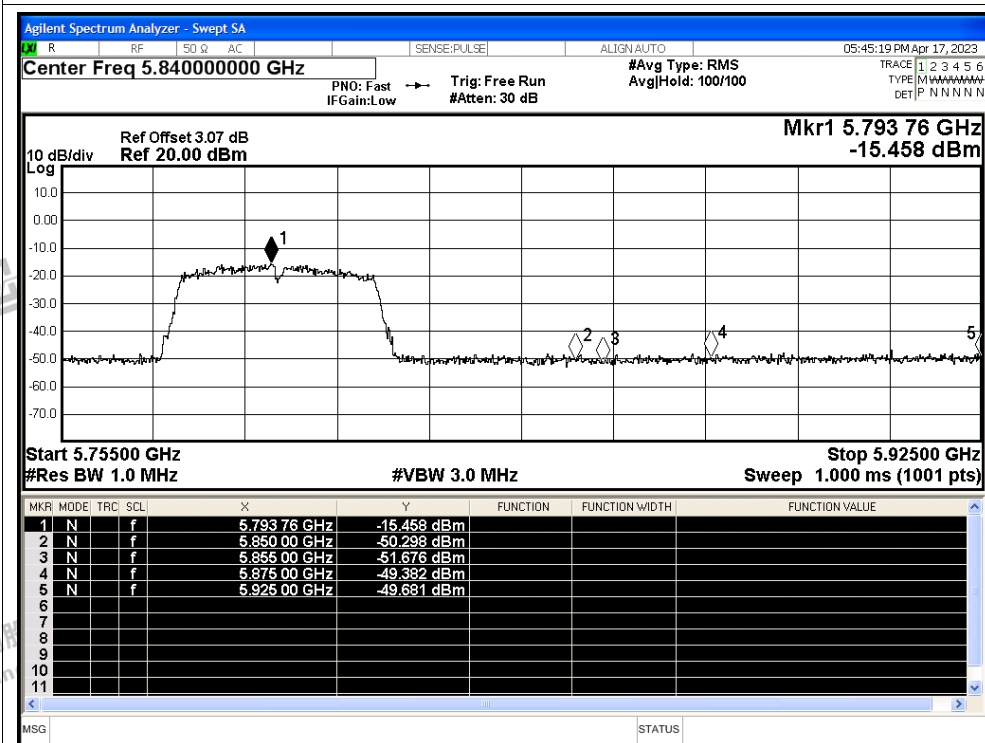
Restrict Band NVNT ac40 5755MHz Ant1 Peak



Restrict Band NVNT ac40 5755MHz Ant1 Average



Restrict Band NVNT ac40 5795MHz Ant1 Peak



Restrict Band NVNT ac40 5795MHz Ant1 Average

