Appendix G

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: INTERACTIVE SMART BOARD

Test Model: TP-660H68

Environmental Conditions

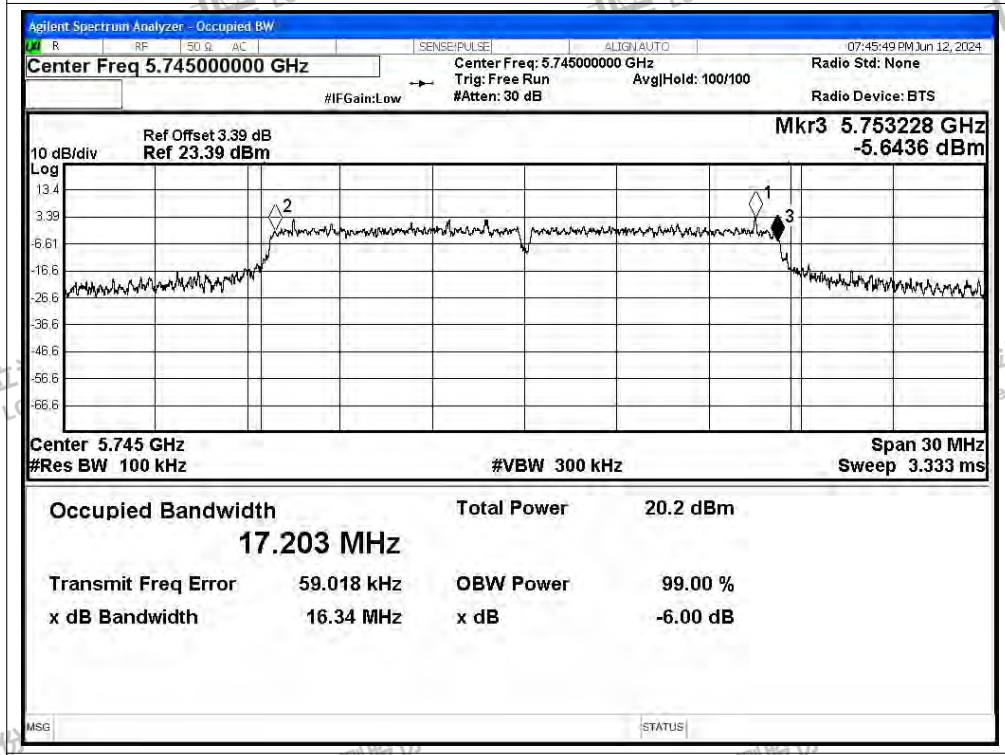
Temperature:	23.8°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Nick Peng

G.1 -6dB Bandwidth

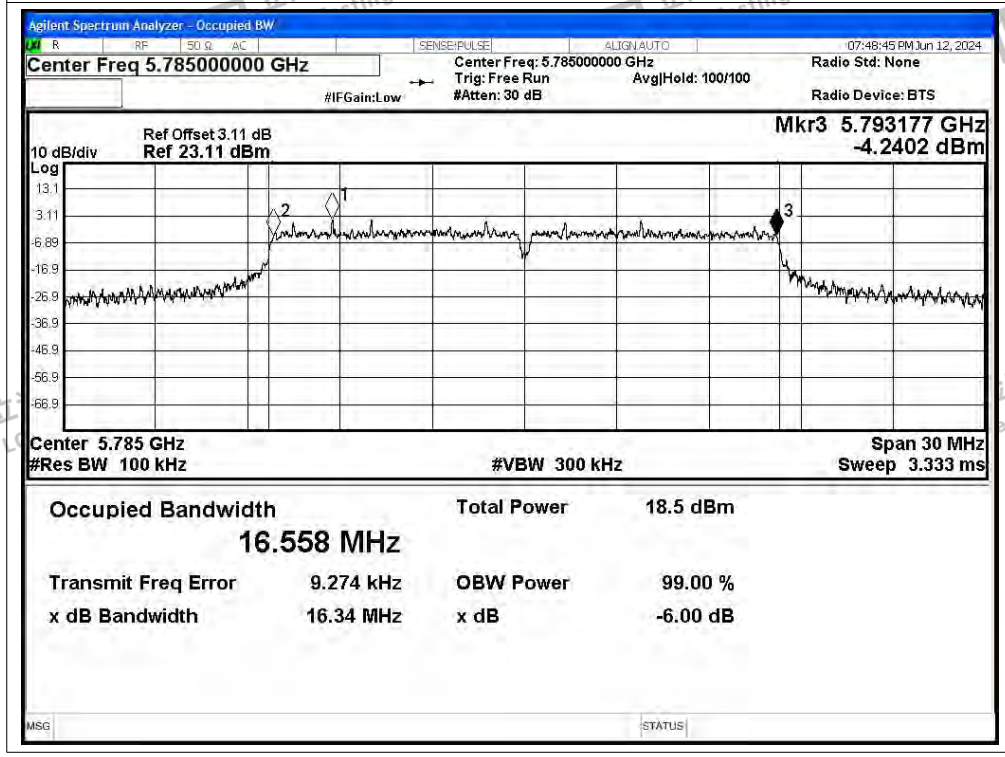
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant2	16.338	>=0.5	Pass
NVNT	a	5785	Ant2	16.336	>=0.5	Pass
NVNT	a	5825	Ant2	16.316	>=0.5	Pass
NVNT	n20	5745	Ant2	17.244	>=0.5	Pass
NVNT	n20	5785	Ant2	17.187	>=0.5	Pass
NVNT	n20	5825	Ant2	17.224	>=0.5	Pass
NVNT	n40	5755	Ant2	36.15	>=0.5	Pass
NVNT	n40	5795	Ant2	36.184	>=0.5	Pass
NVNT	ac20	5745	Ant2	17.224	>=0.5	Pass
NVNT	ac20	5785	Ant2	16.941	>=0.5	Pass
NVNT	ac20	5825	Ant2	17.024	>=0.5	Pass
NVNT	ac40	5755	Ant2	36.416	>=0.5	Pass
NVNT	ac40	5795	Ant2	36.146	>=0.5	Pass
NVNT	ac80	5775	Ant2	75.549	>=0.5	Pass
NVNT	ax20	5745	Ant2	17.238	>=0.5	Pass
NVNT	ax20	5785	Ant2	17.145	>=0.5	Pass
NVNT	ax20	5825	Ant2	17.231	>=0.5	Pass
NVNT	ax40	5755	Ant2	36.441	>=0.5	Pass
NVNT	ax40	5795	Ant2	36.262	>=0.5	Pass
NVNT	ax80	5775	Ant2	75.619	>=0.5	Pass

Test Graphs

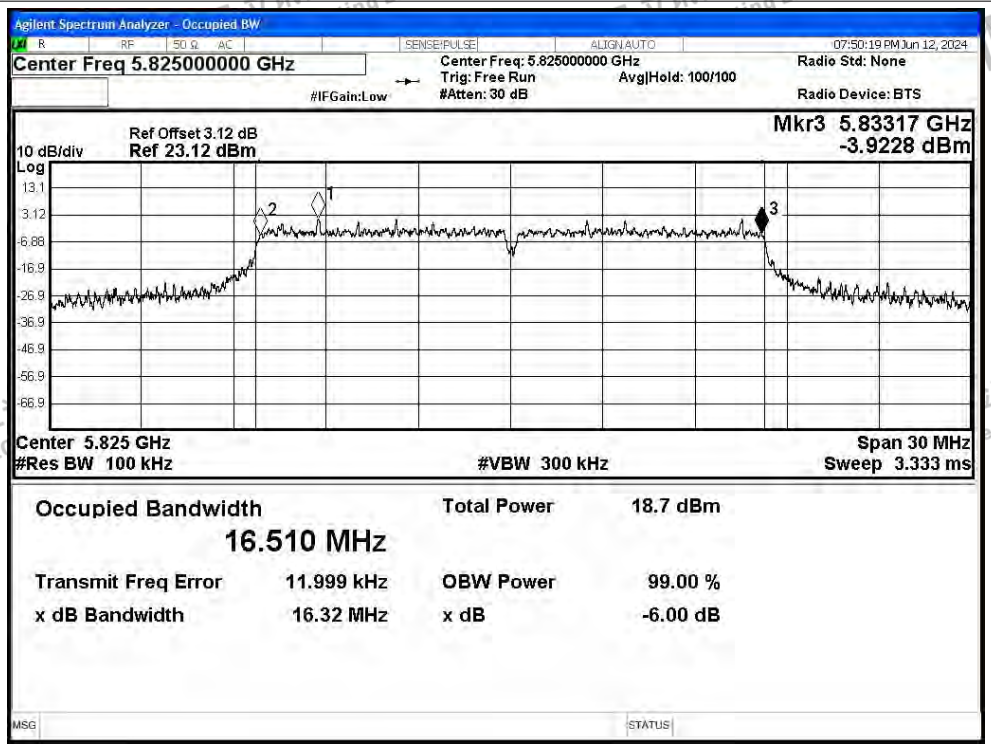
-6dB Bandwidth NVNT a 5745MHz Ant2



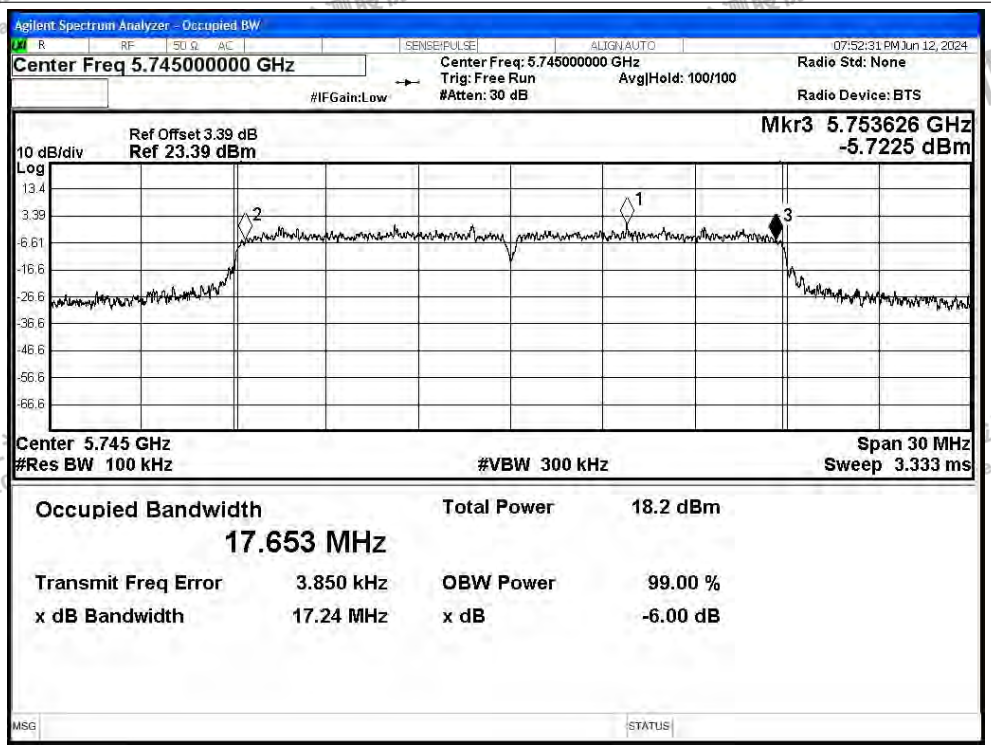
-6dB Bandwidth NVNT a 5785MHz Ant2



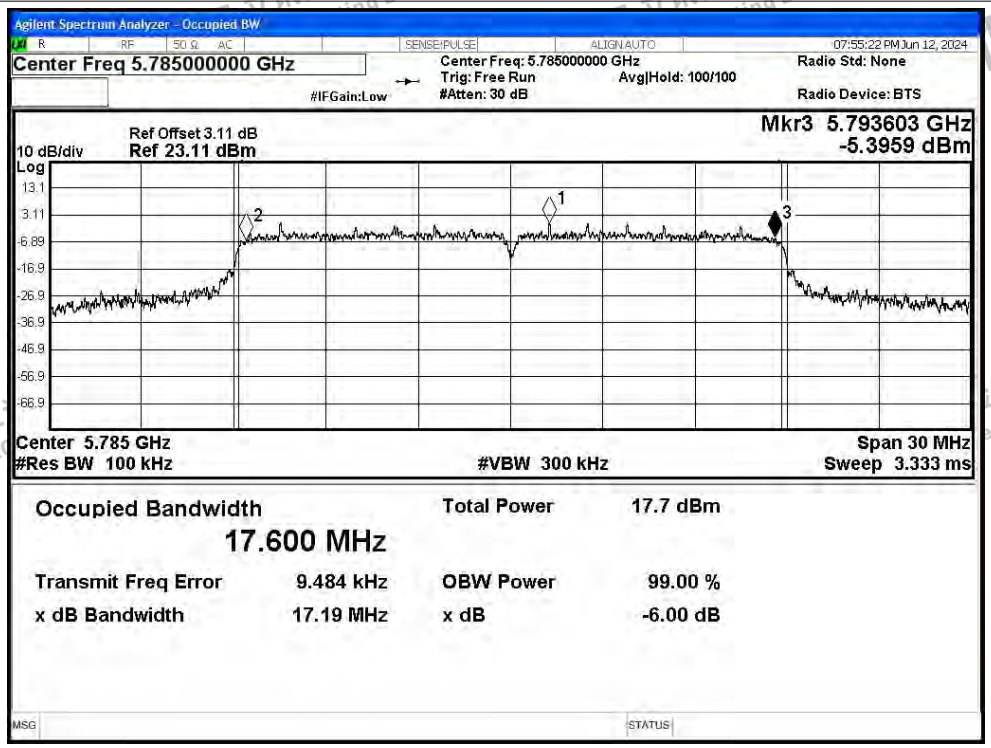
-6dB Bandwidth NVNT a 5825MHz Ant2



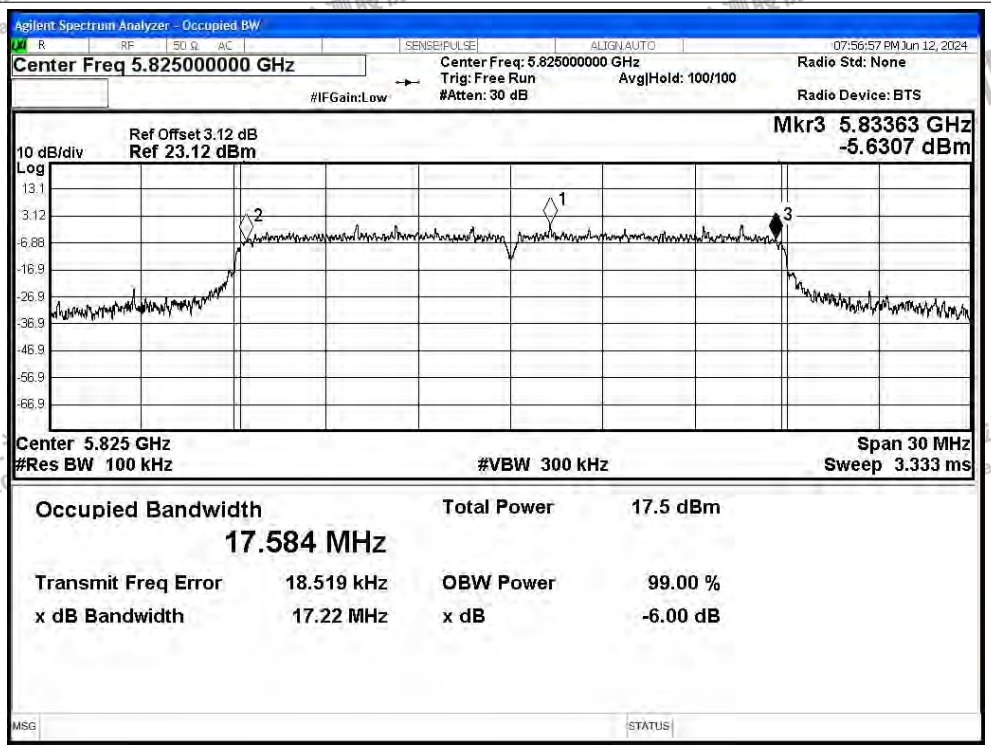
-6dB Bandwidth NVNT n20 5745MHz Ant2



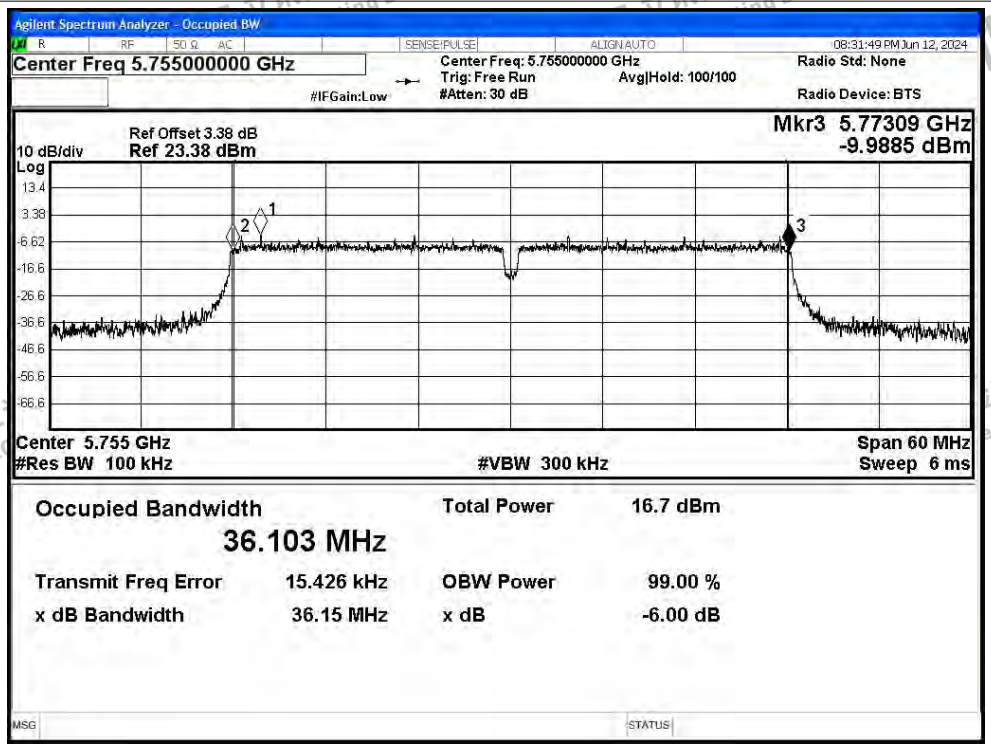
-6dB Bandwidth NVNT n20 5785MHz Ant2



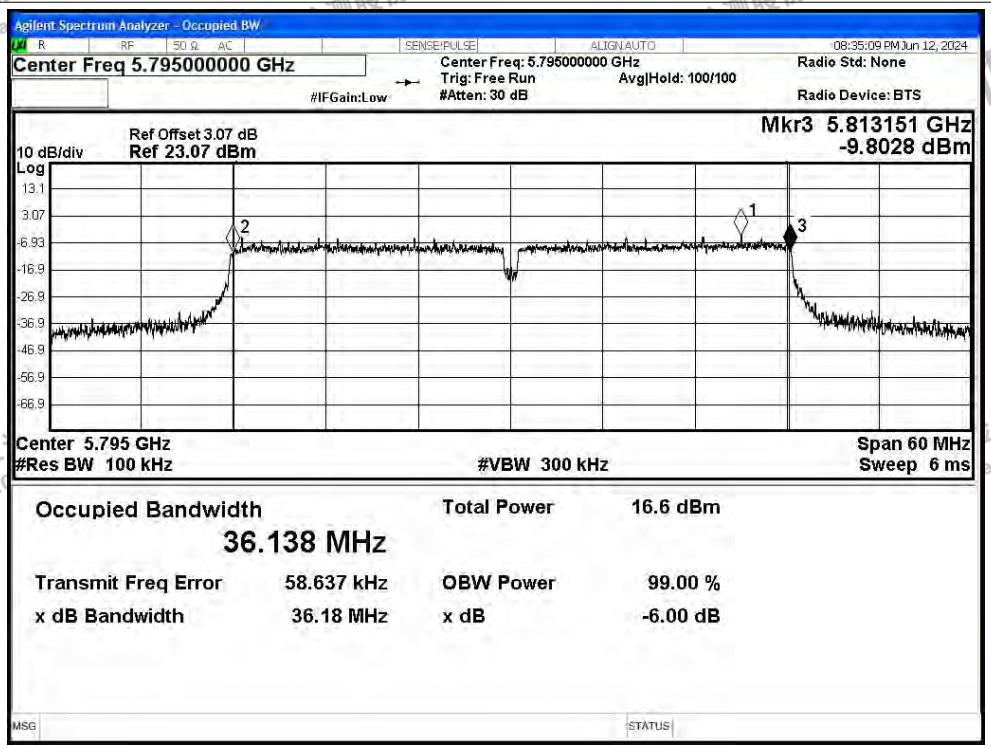
-6dB Bandwidth NVNT n20 5825MHz Ant2



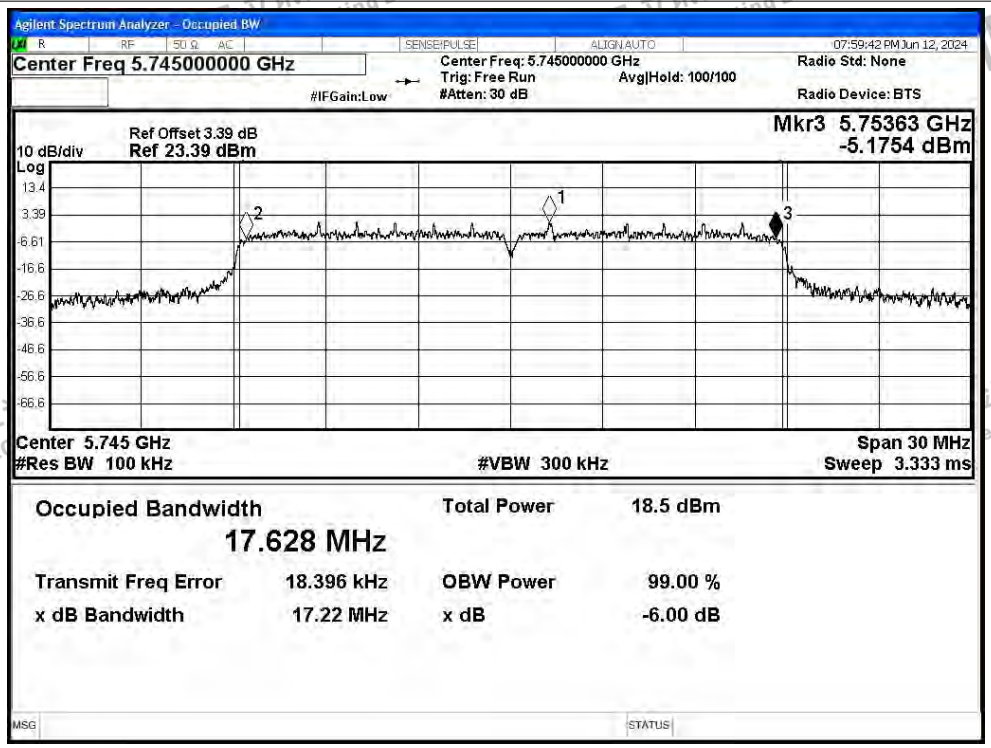
-6dB Bandwidth NVNT n40 5755MHz Ant2



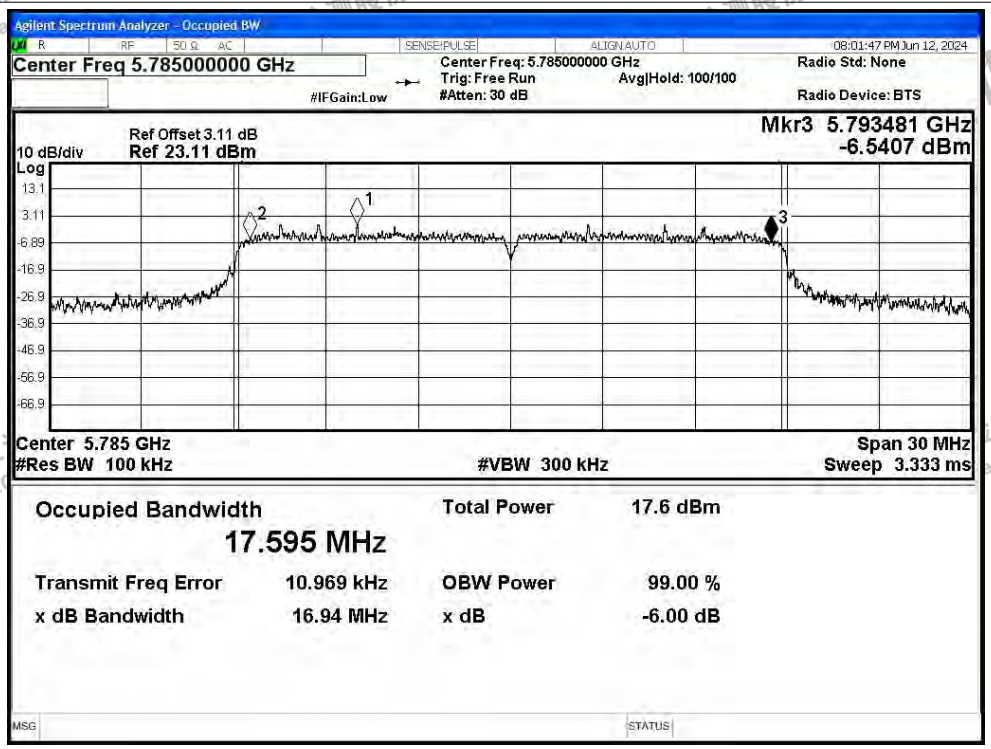
-6dB Bandwidth NVNT n40 5795MHz Ant2



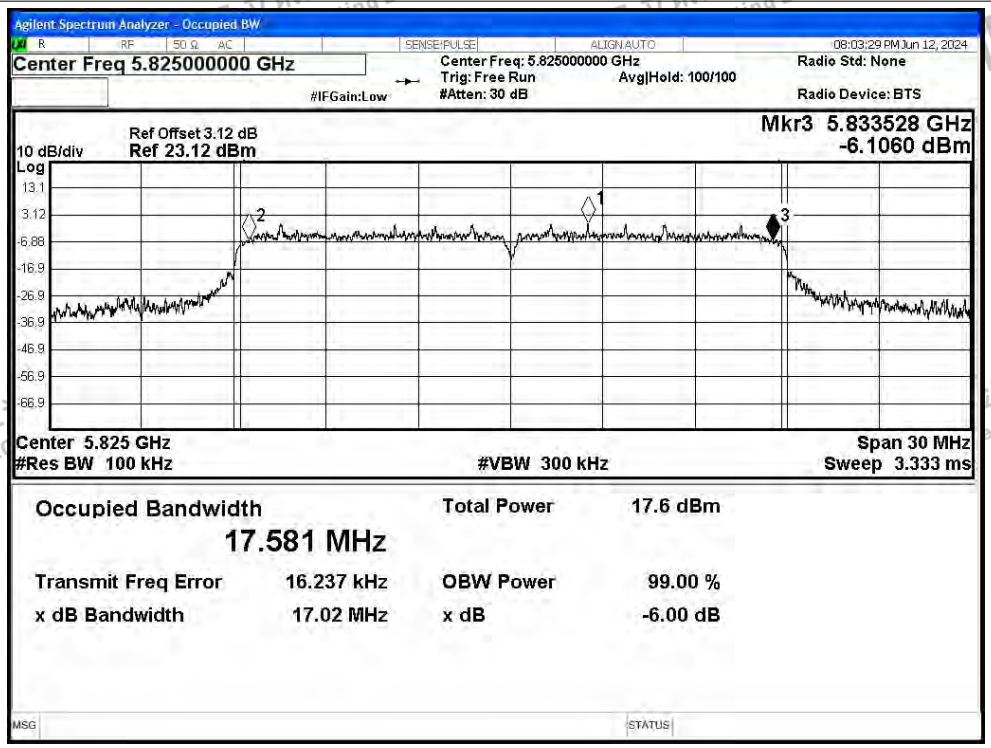
-6dB Bandwidth NVNT ac20 5745MHz Ant2



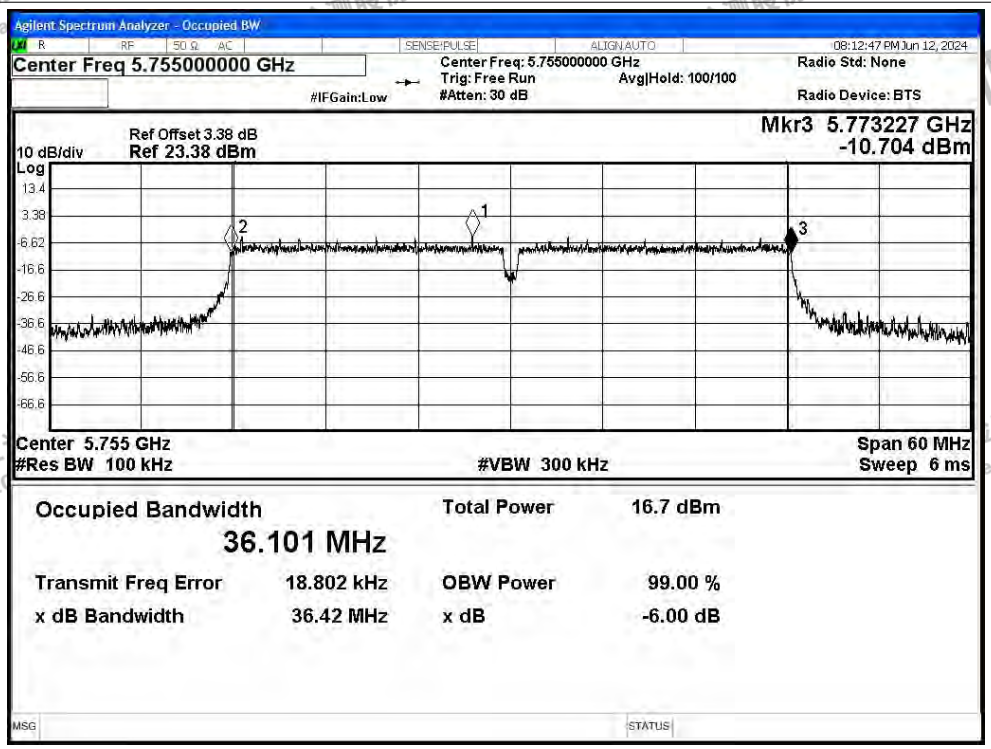
-6dB Bandwidth NVNT ac20 5785MHz Ant2



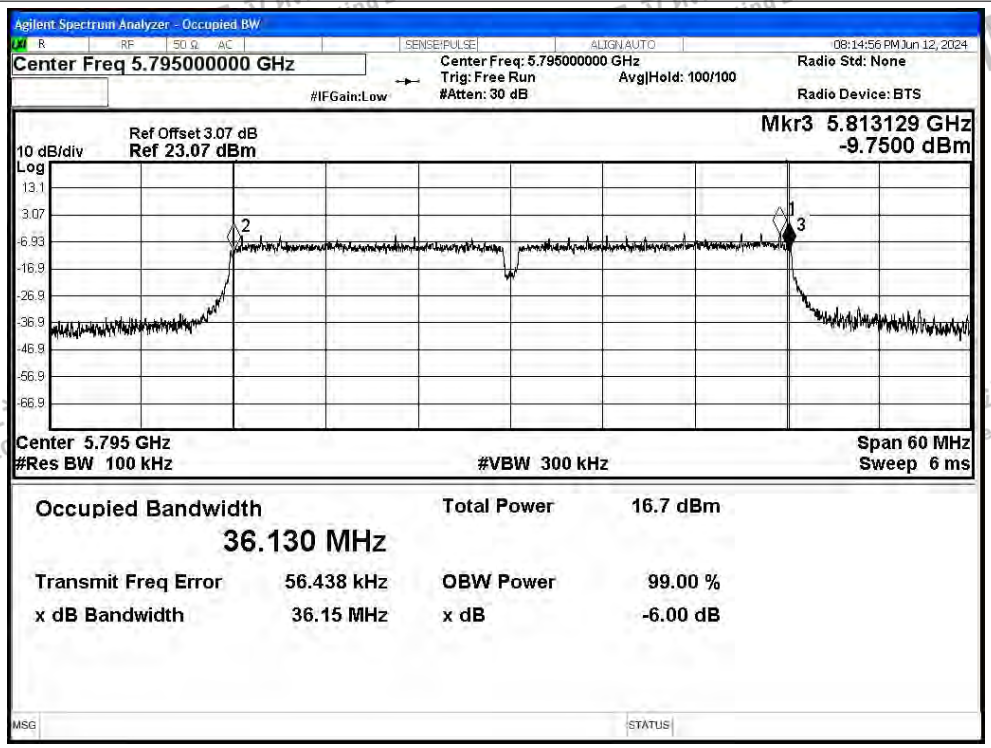
-6dB Bandwidth NVNT ac20 5825MHz Ant2



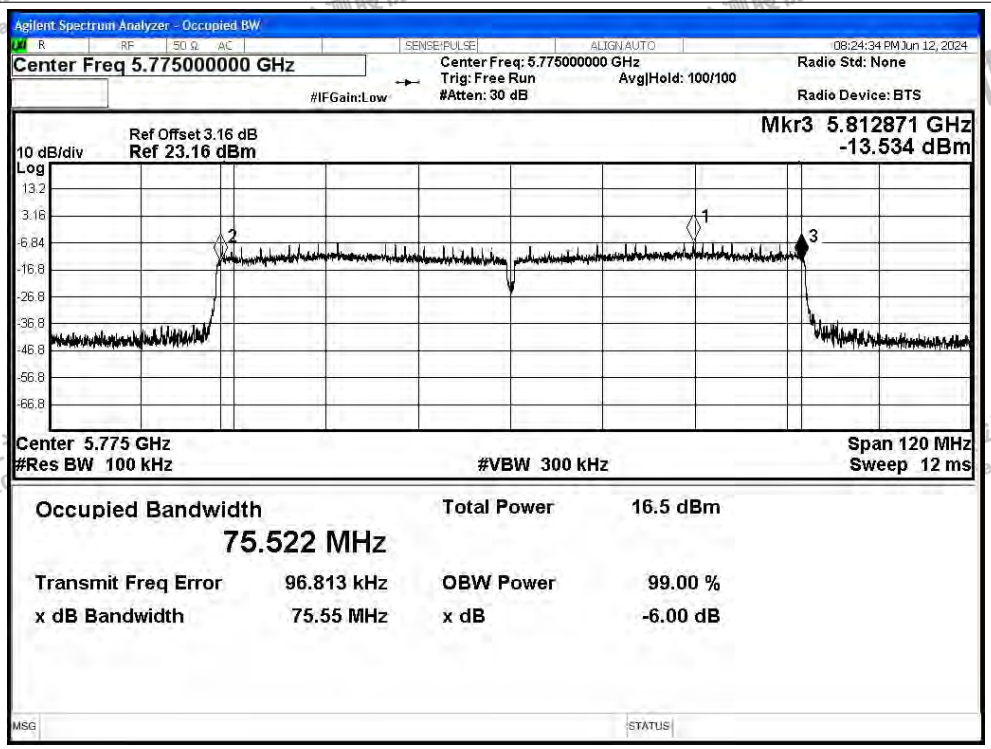
-6dB Bandwidth NVNT ac40 5755MHz Ant2



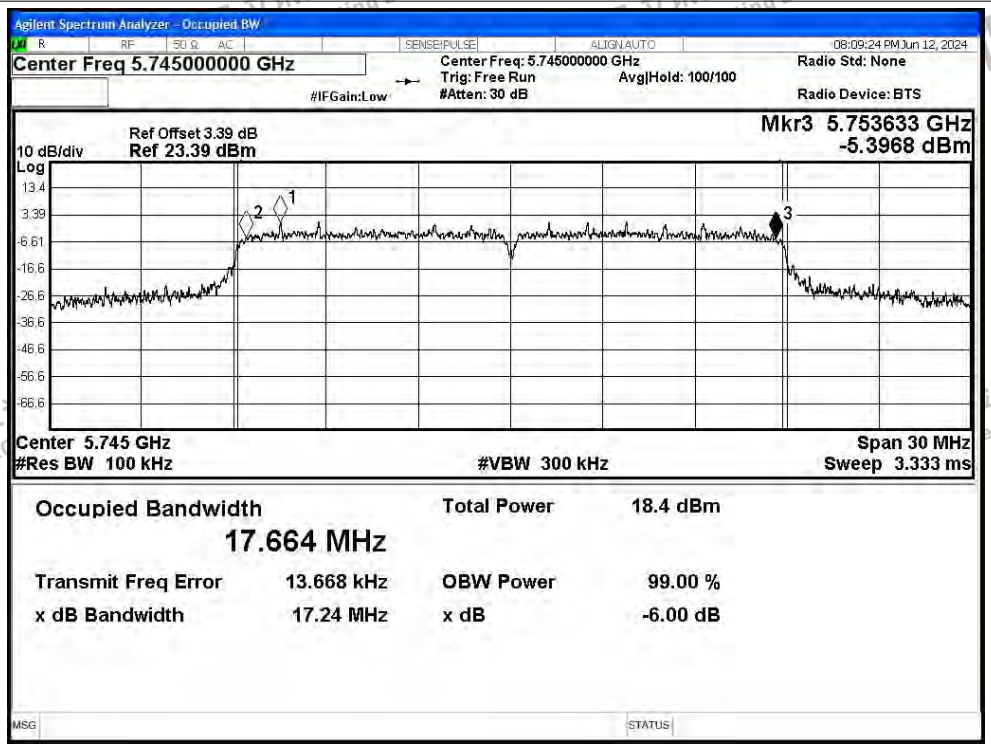
-6dB Bandwidth NVNT ac40 5795MHz Ant2



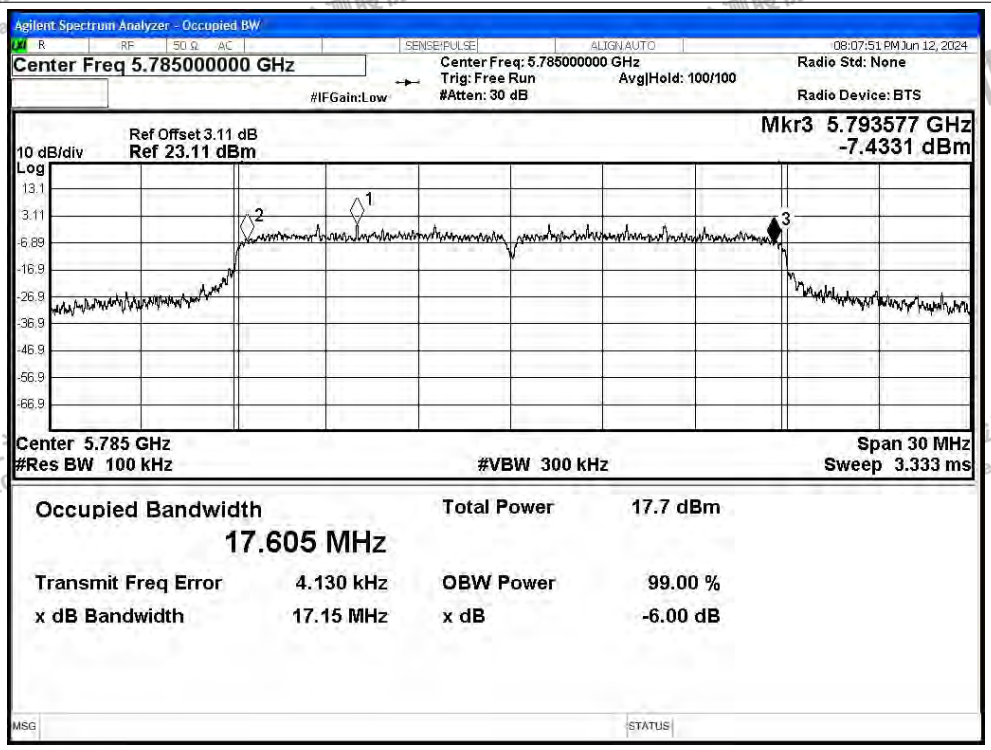
-6dB Bandwidth NVNT ac80 5775MHz Ant2



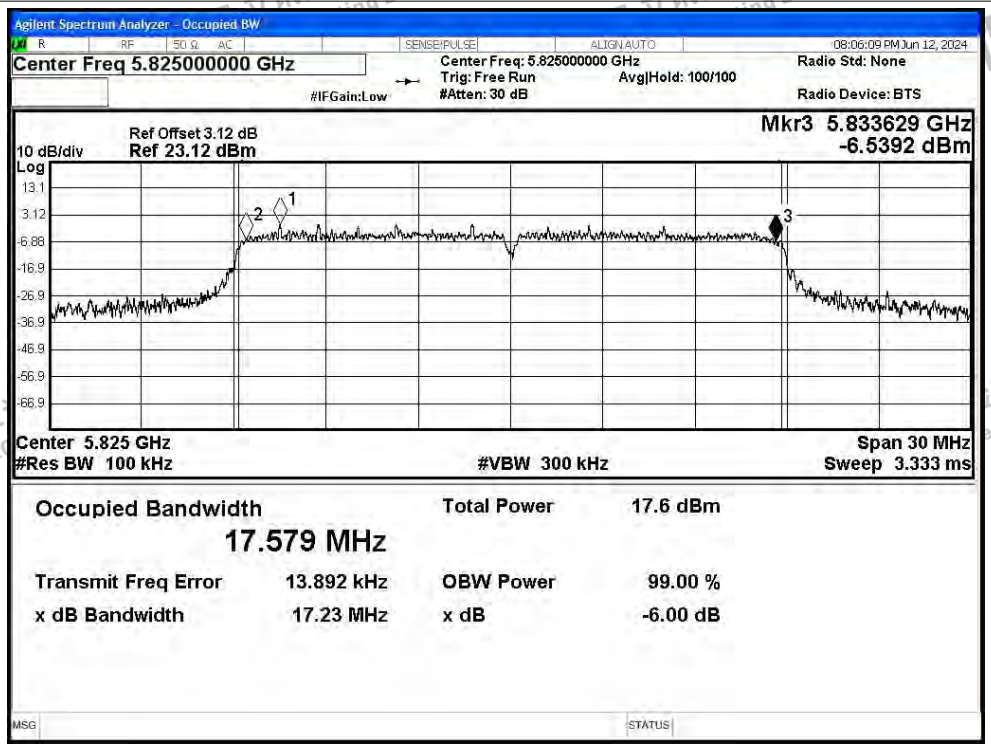
-6dB Bandwidth NVNT ax20 5745MHz Ant2



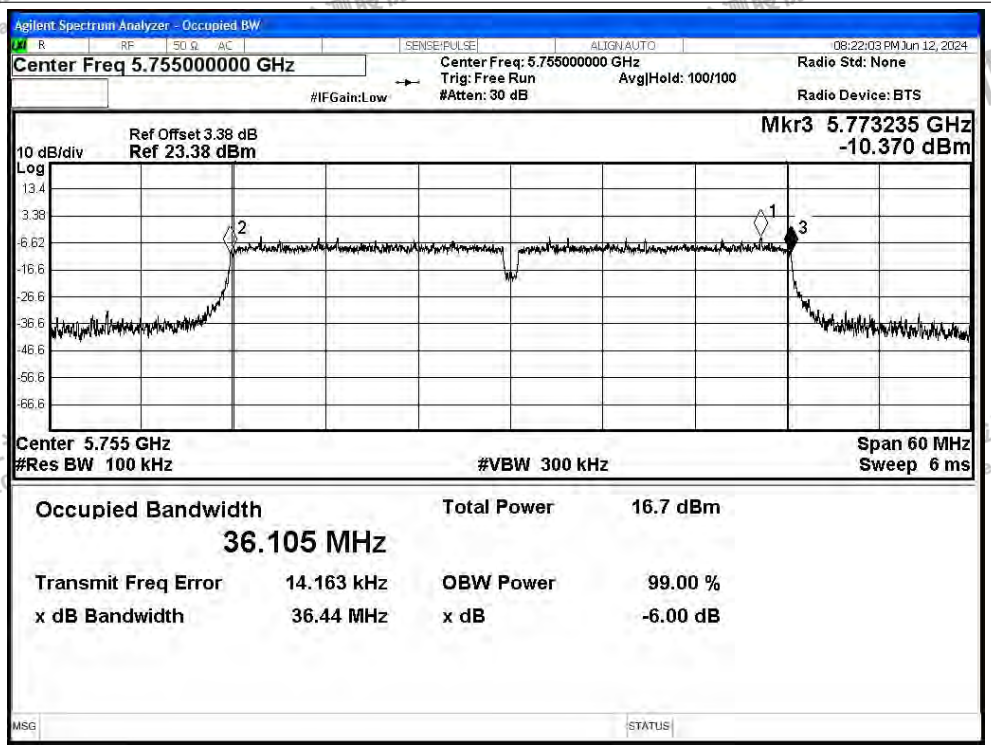
-6dB Bandwidth NVNT ax20 5785MHz Ant2



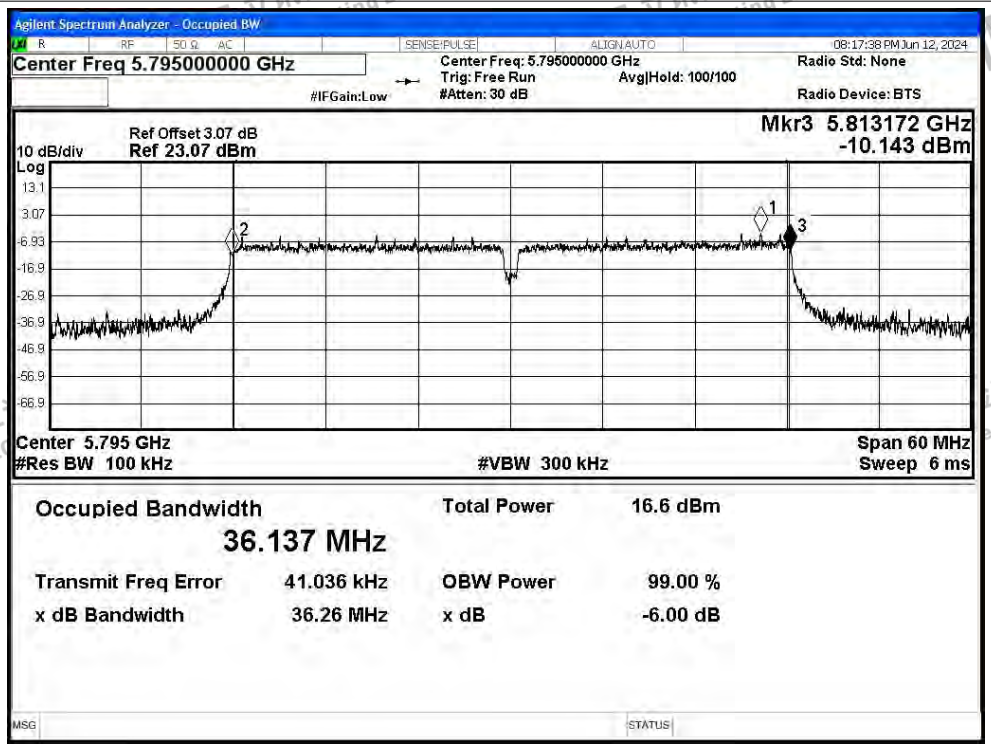
-6dB Bandwidth NVNT ax20 5825MHz Ant2



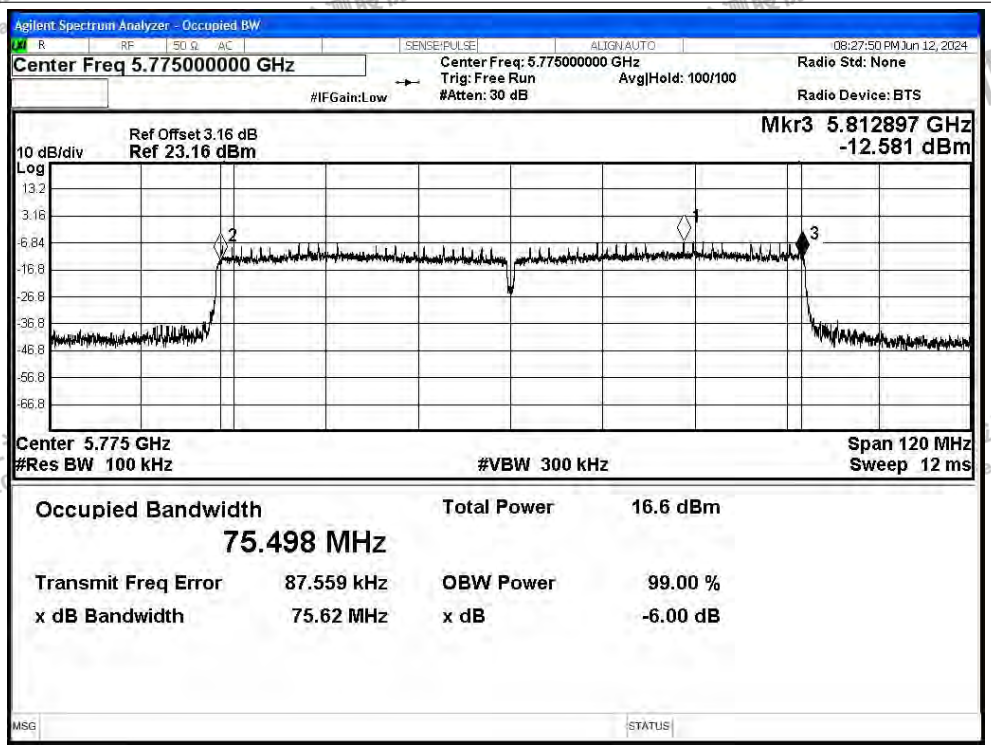
-6dB Bandwidth NVNT ax40 5755MHz Ant2



-6dB Bandwidth NVNT ax40 5795MHz Ant2



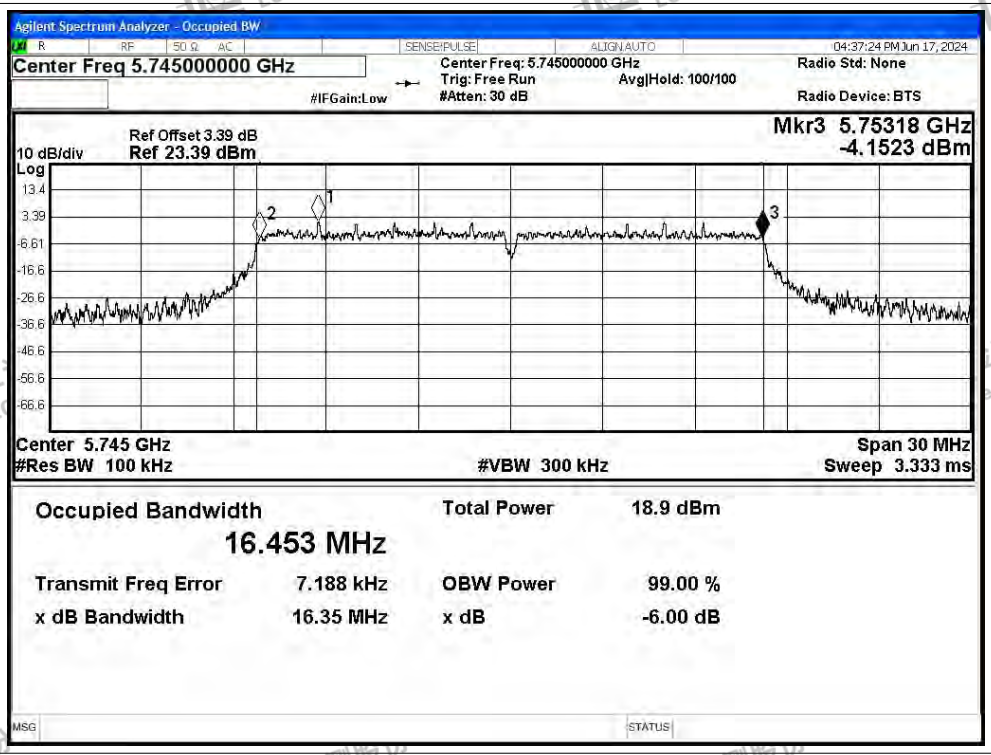
-6dB Bandwidth NVNT ax80 5775MHz Ant2



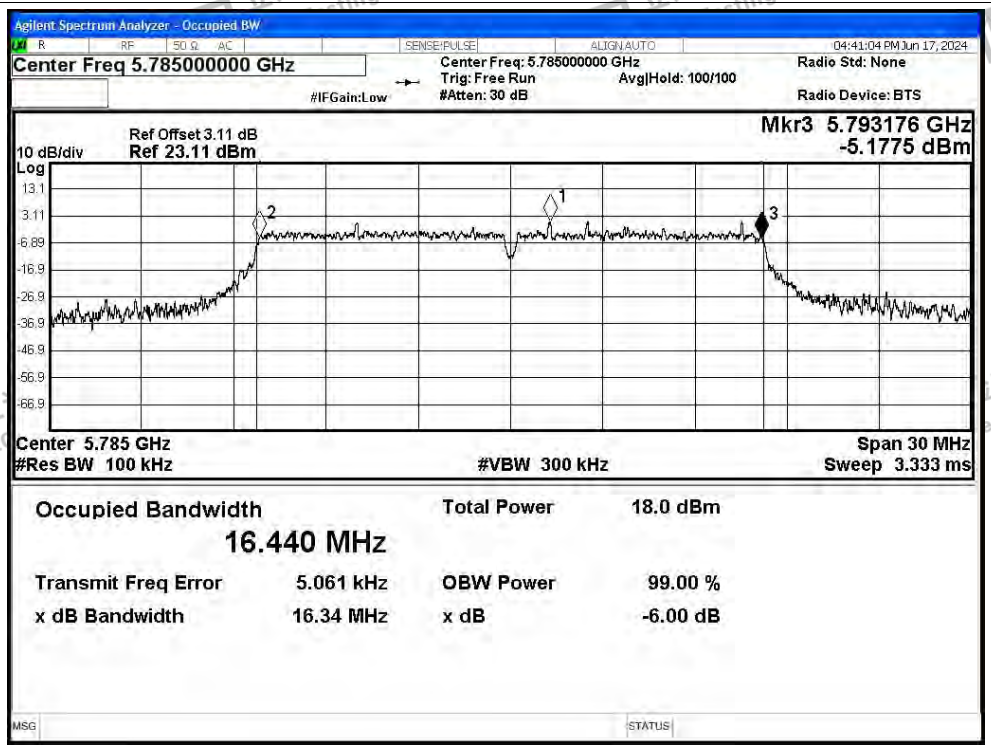
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant3	16.346	>=0.5	Pass
NVNT	a	5785	Ant3	16.342	>=0.5	Pass
NVNT	a	5825	Ant3	16.336	>=0.5	Pass
NVNT	n20	5745	Ant3	17.542	>=0.5	Pass
NVNT	n20	5785	Ant3	17.36	>=0.5	Pass
NVNT	n20	5825	Ant3	17.304	>=0.5	Pass
NVNT	n40	5755	Ant3	35.632	>=0.5	Pass
NVNT	n40	5795	Ant3	35.962	>=0.5	Pass
NVNT	ac20	5745	Ant3	17.127	>=0.5	Pass
NVNT	ac20	5785	Ant3	17.513	>=0.5	Pass
NVNT	ac20	5825	Ant3	17.132	>=0.5	Pass
NVNT	ac40	5755	Ant3	35.409	>=0.5	Pass
NVNT	ac40	5795	Ant3	35.726	>=0.5	Pass
NVNT	ac80	5775	Ant3	75.382	>=0.5	Pass
NVNT	ax20	5745	Ant3	17.245	>=0.5	Pass
NVNT	ax20	5785	Ant3	17.332	>=0.5	Pass
NVNT	ax20	5825	Ant3	17.142	>=0.5	Pass
NVNT	ax40	5755	Ant3	35.752	>=0.5	Pass
NVNT	ax40	5795	Ant3	35.752	>=0.5	Pass
NVNT	ax80	5775	Ant3	75.627	>=0.5	Pass

Test Graphs

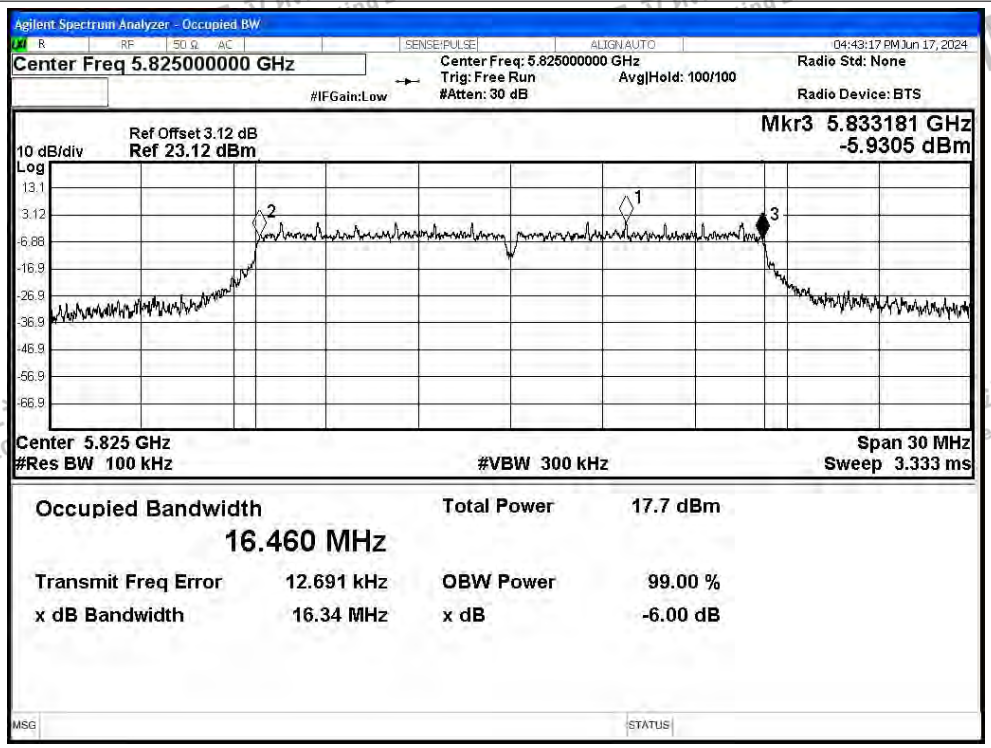
-6dB Bandwidth NVNT a 5745MHz Ant3



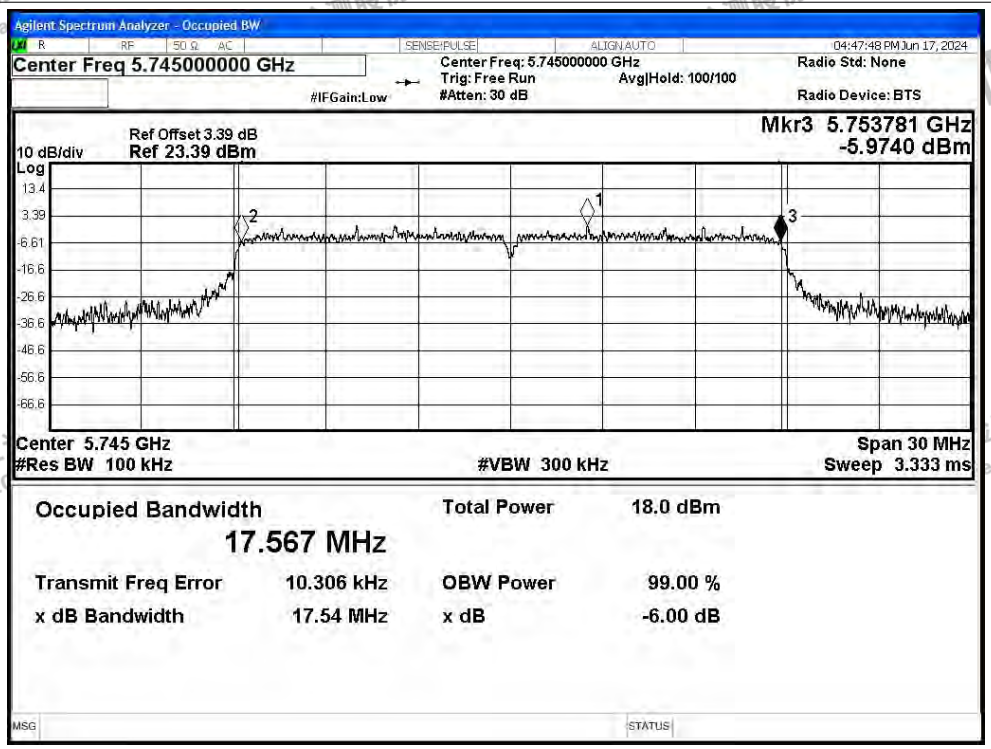
-6dB Bandwidth NVNT a 5785MHz Ant3



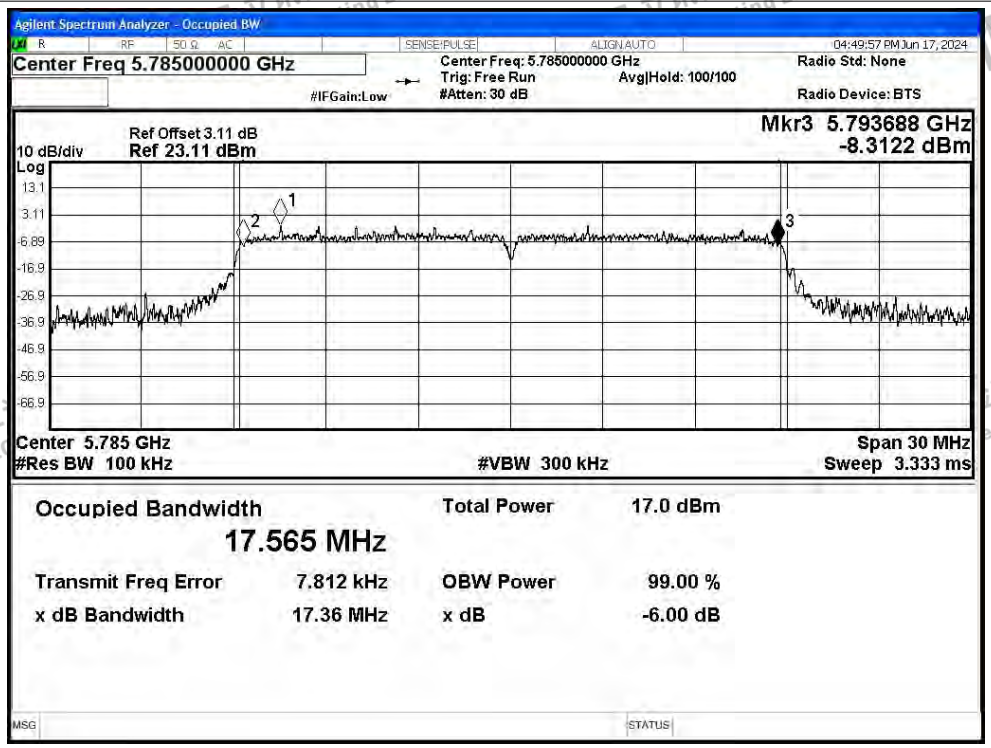
-6dB Bandwidth NVNT a 5825MHz Ant3



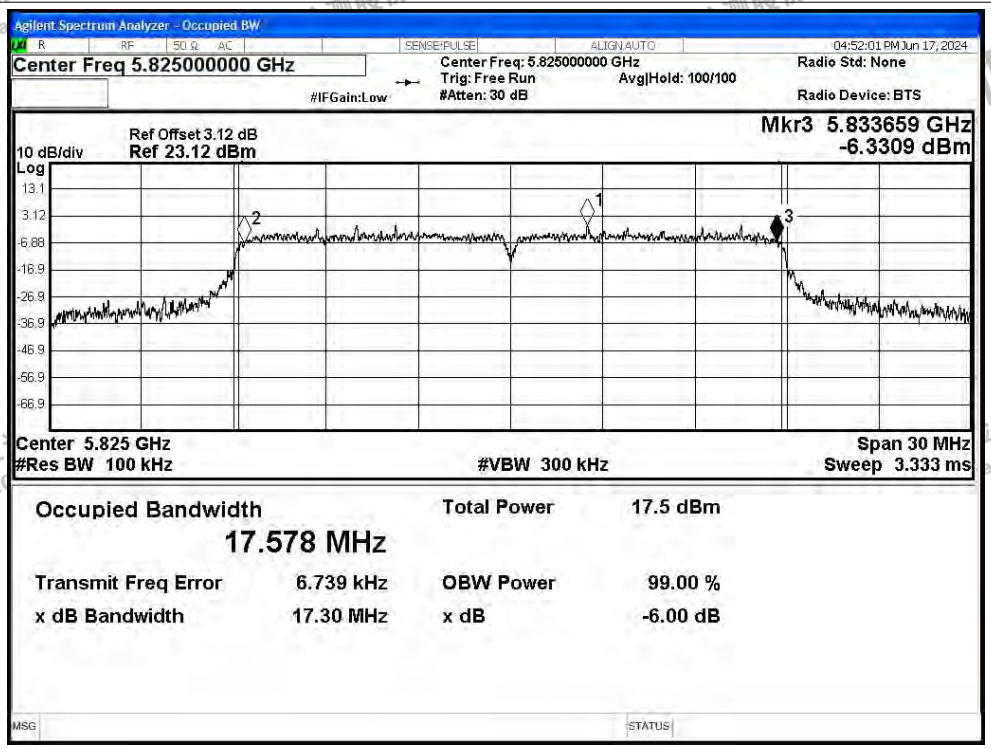
-6dB Bandwidth NVNT n20 5745MHz Ant3



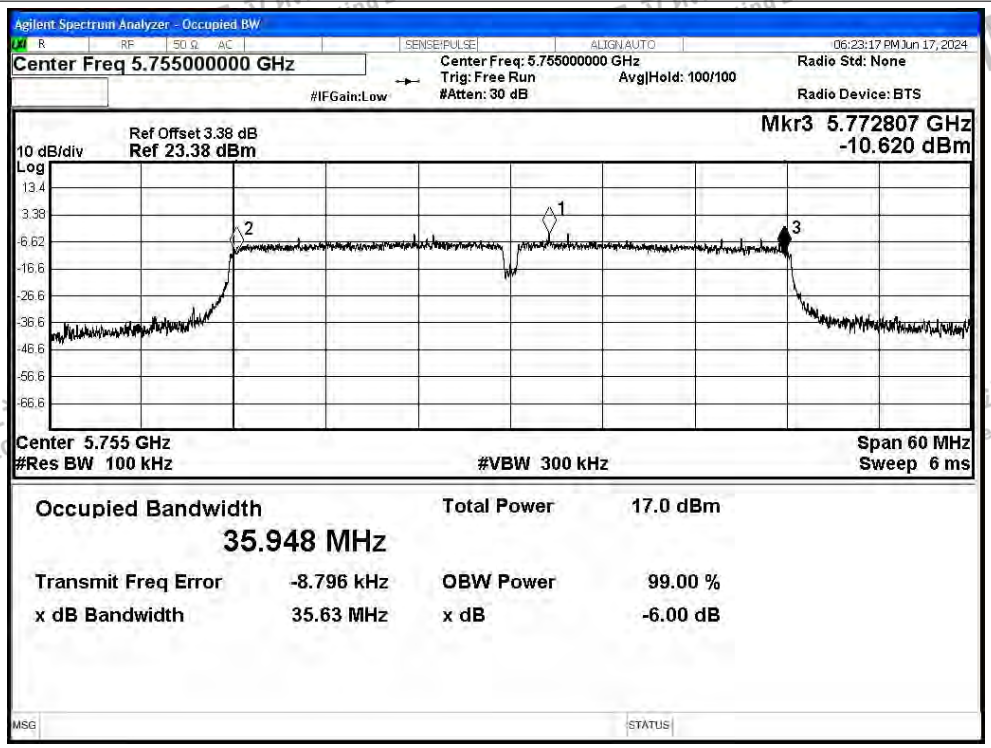
-6dB Bandwidth NVNT n20 5785MHz Ant3



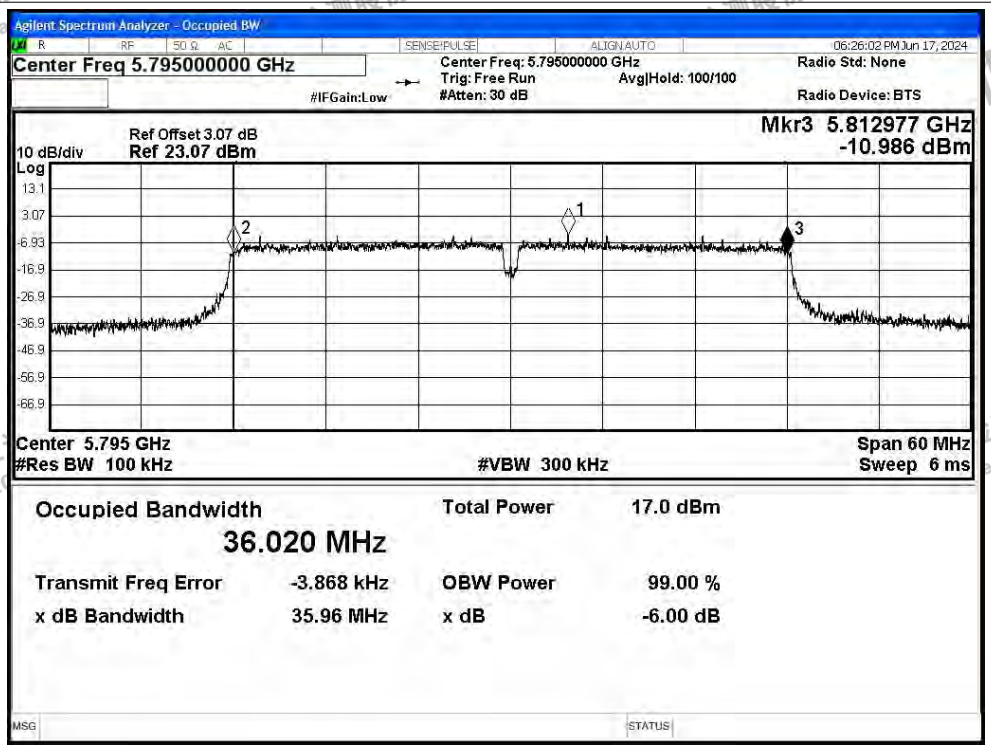
-6dB Bandwidth NVNT n20 5825MHz Ant3



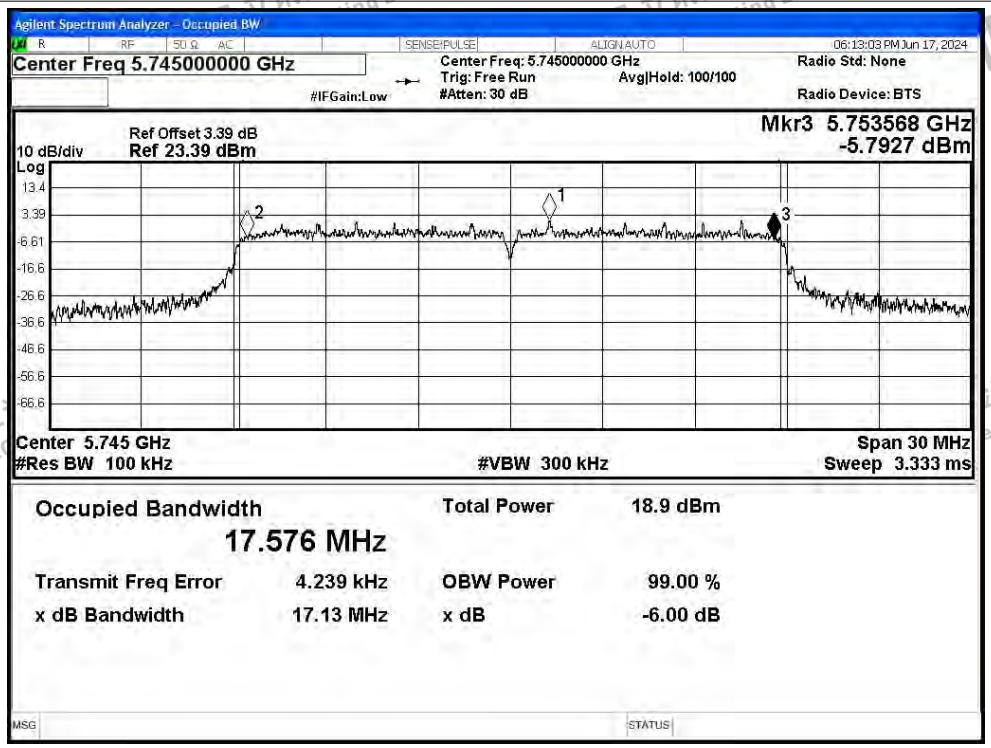
-6dB Bandwidth NVNT n40 5755MHz Ant3



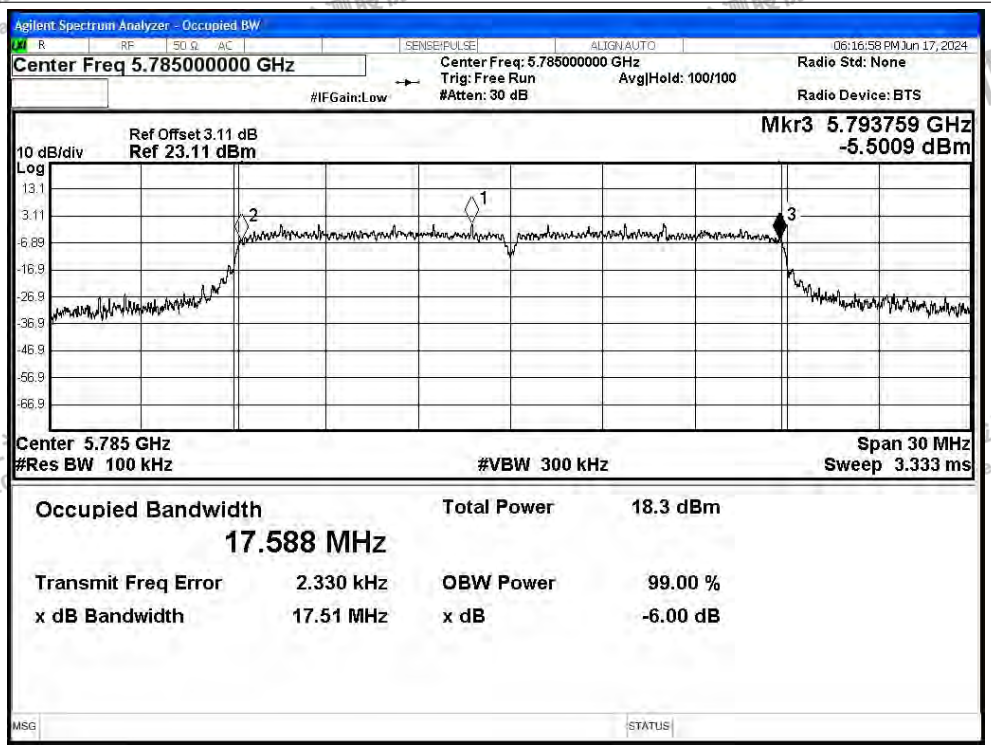
-6dB Bandwidth NVNT n40 5795MHz Ant3



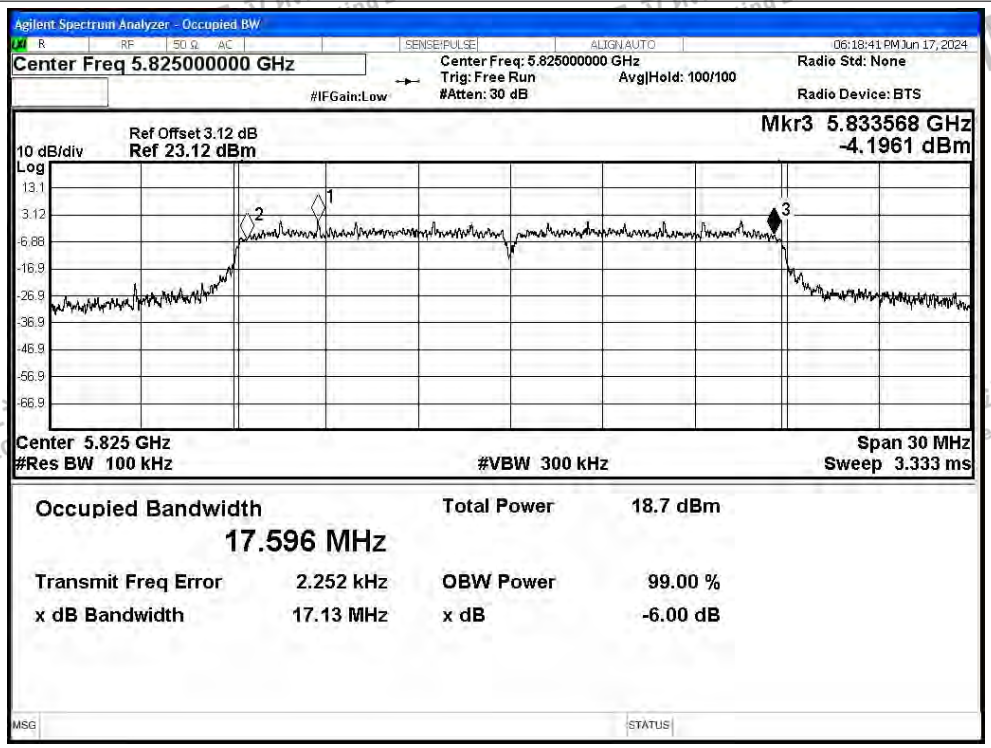
-6dB Bandwidth NVNT ac20 5745MHz Ant3



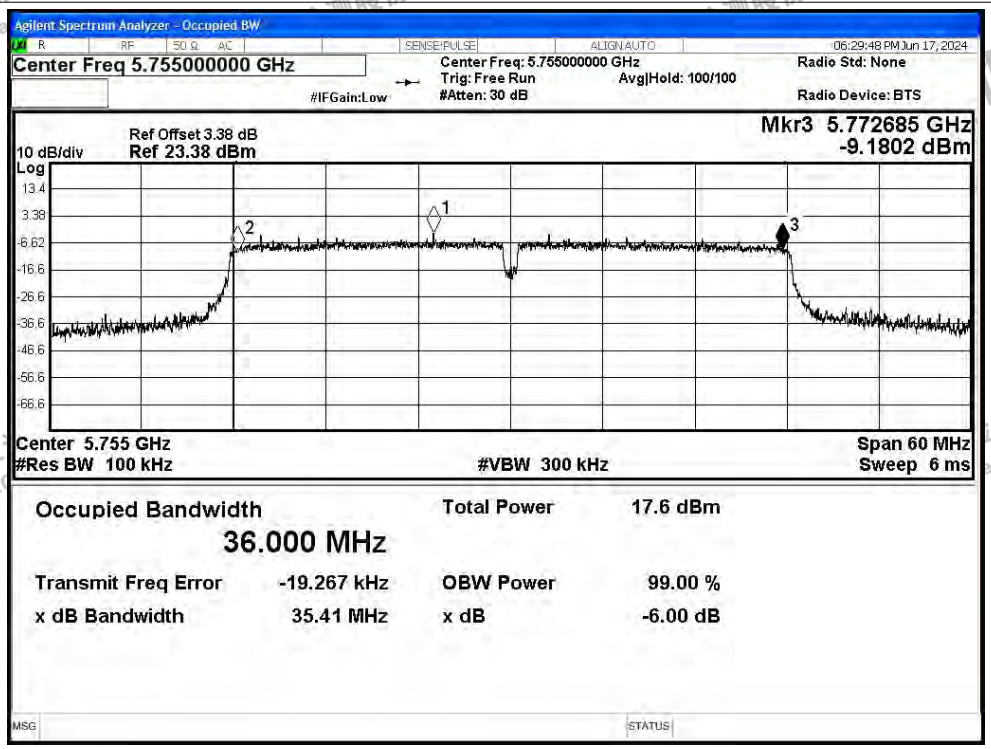
-6dB Bandwidth NVNT ac20 5785MHz Ant3



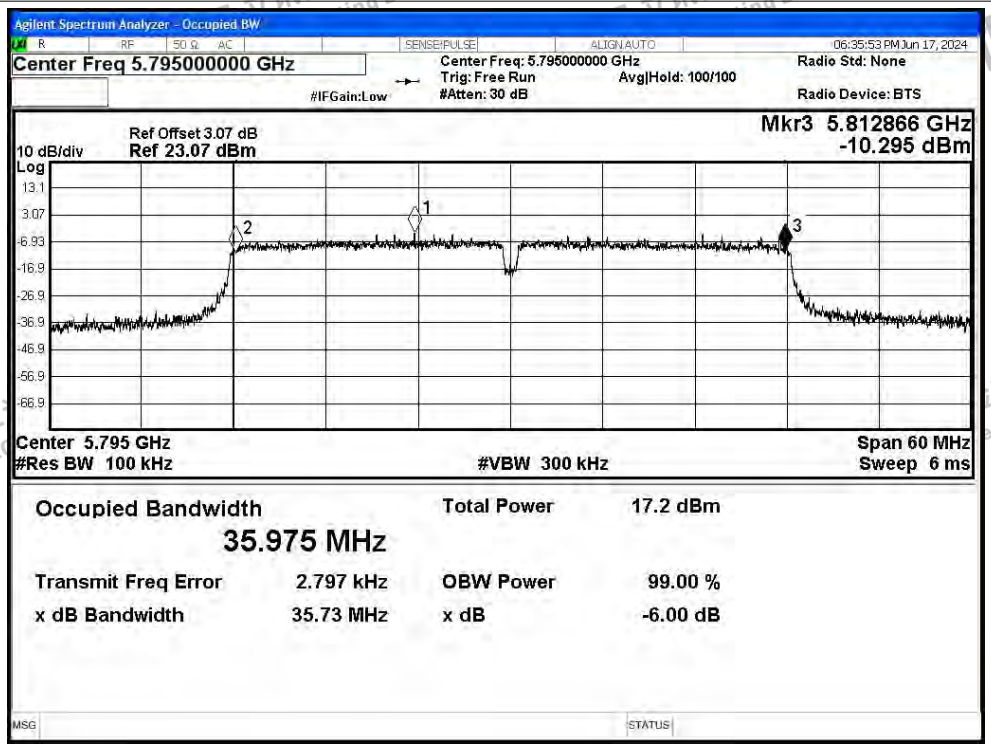
-6dB Bandwidth NVNT ac20 5825MHz Ant3



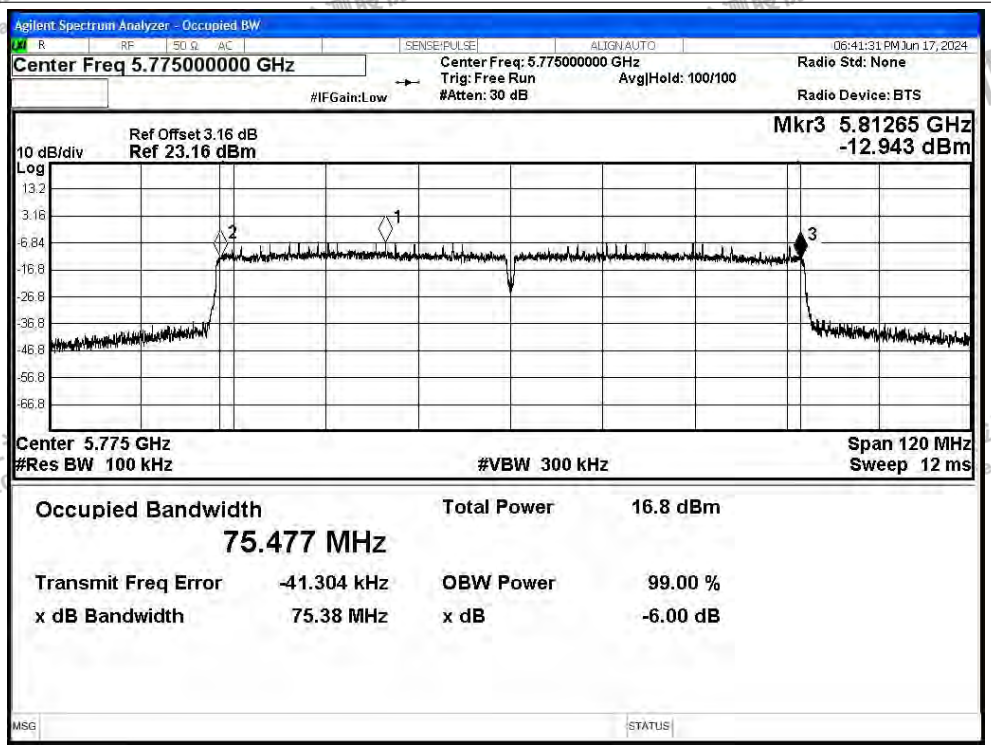
-6dB Bandwidth NVNT ac40 5755MHz Ant3



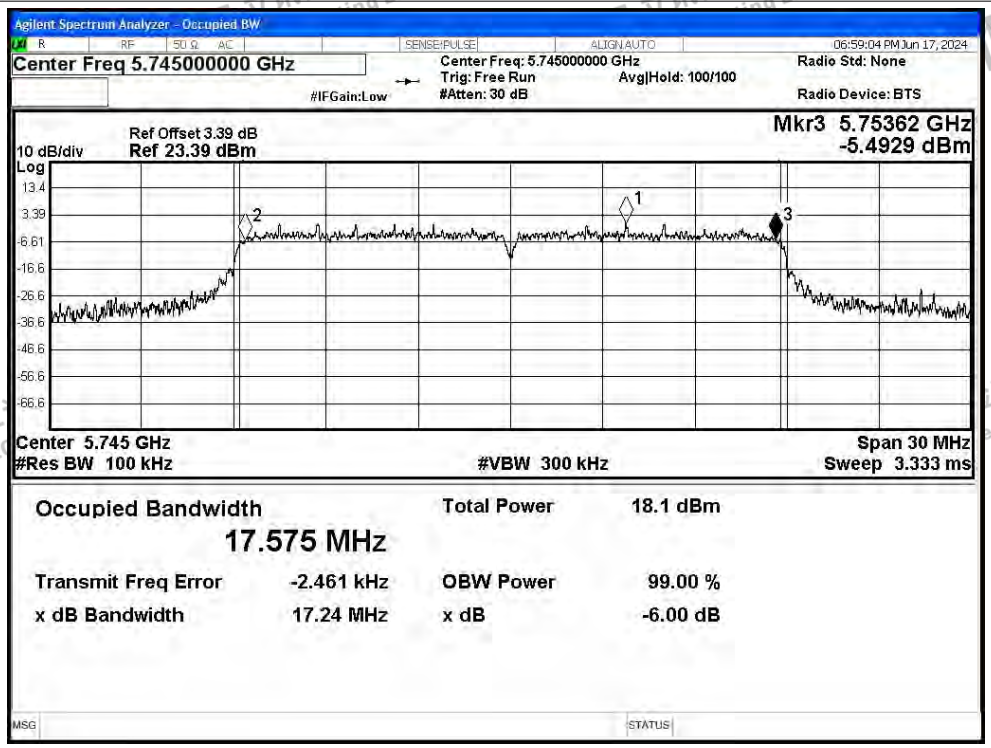
-6dB Bandwidth NVNT ac40 5795MHz Ant3



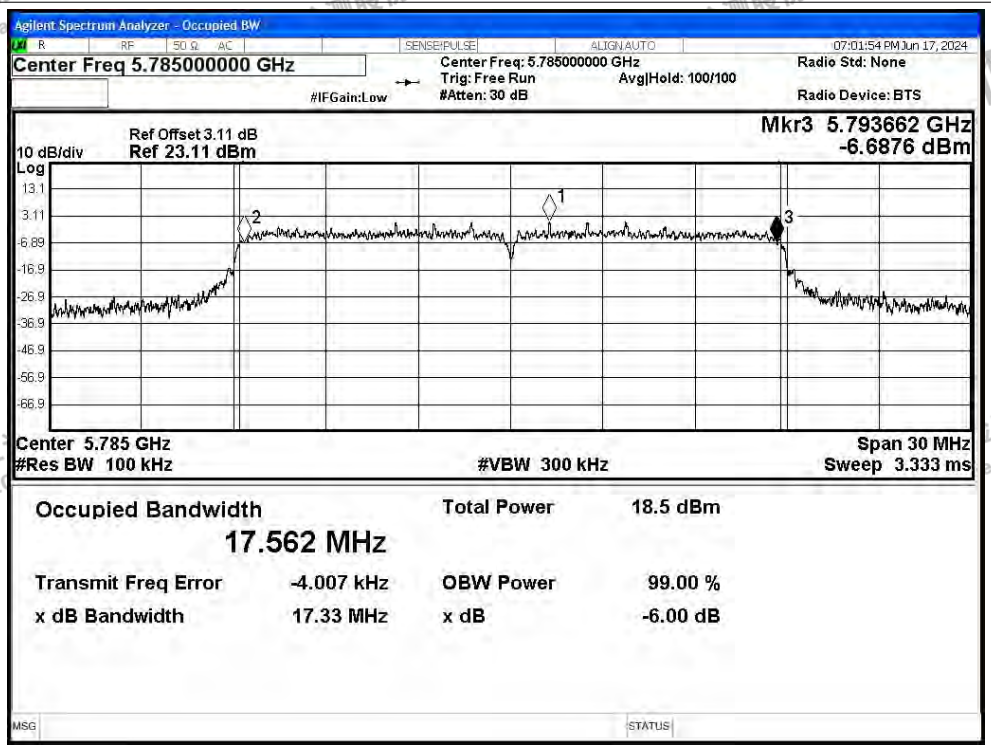
-6dB Bandwidth NVNT ac80 5775MHz Ant3



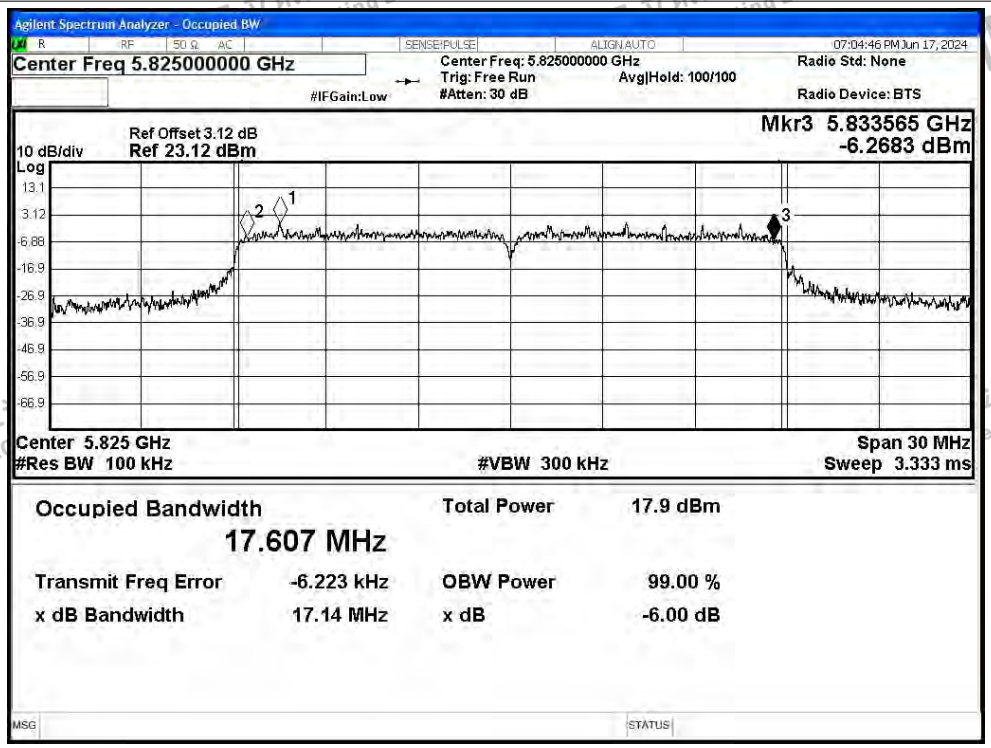
-6dB Bandwidth NVNT ax20 5745MHz Ant3



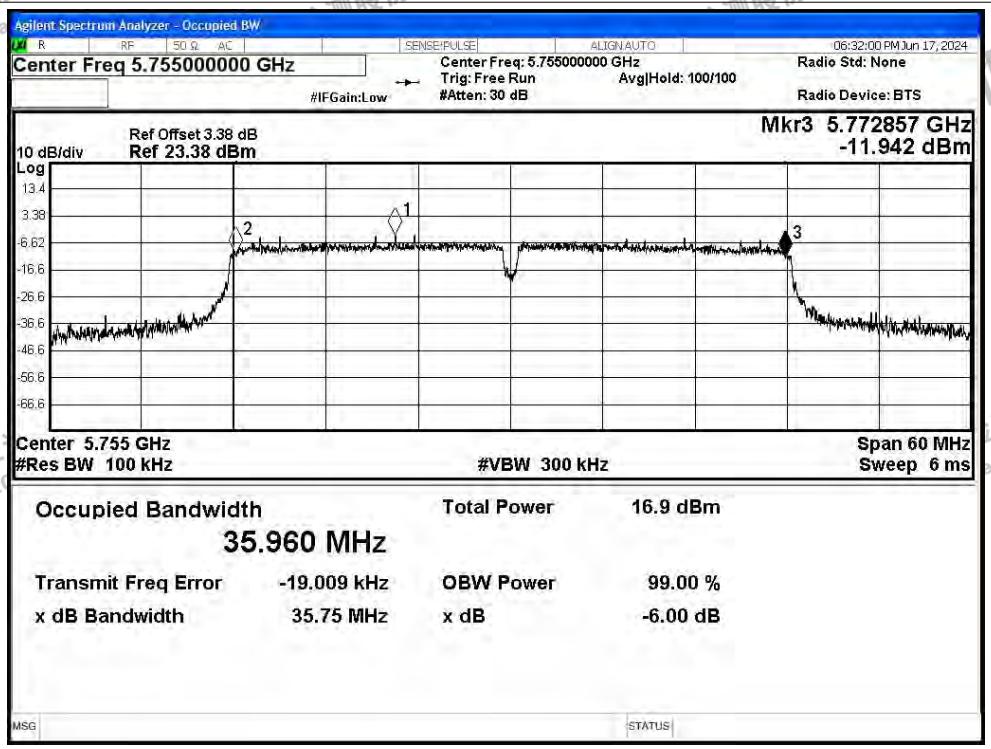
-6dB Bandwidth NVNT ax20 5785MHz Ant3



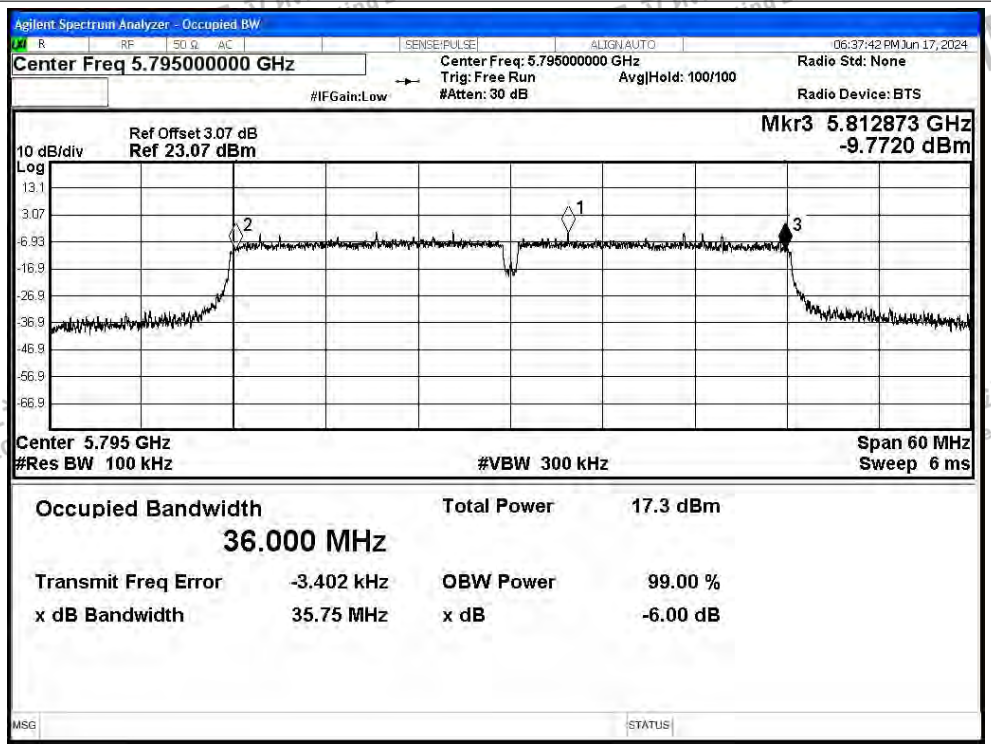
-6dB Bandwidth NVNT ax20 5825MHz Ant3



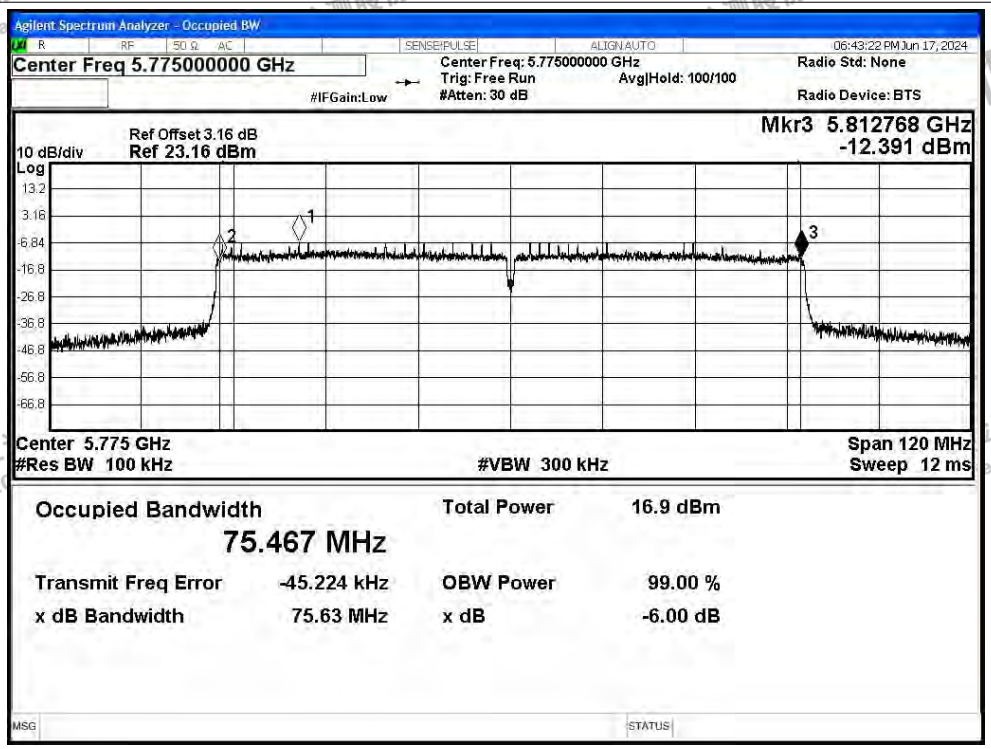
-6dB Bandwidth NVNT ax40 5755MHz Ant3



-6dB Bandwidth NVNT ax40 5795MHz Ant3



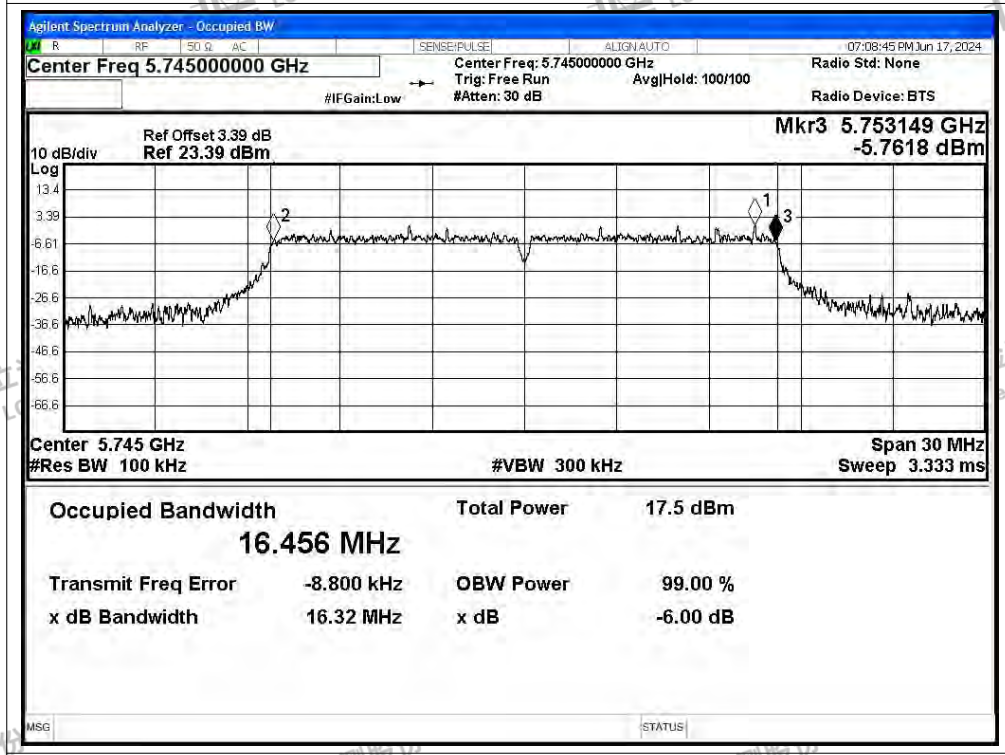
-6dB Bandwidth NVNT ax80 5775MHz Ant3



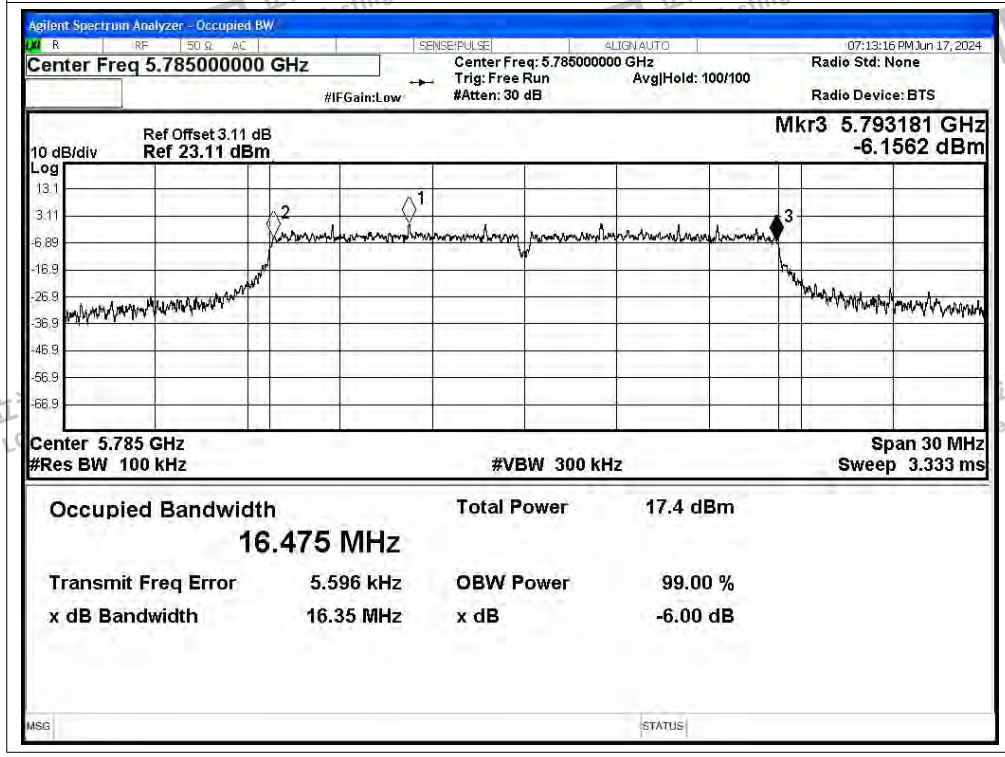
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant4	16.316	>=0.5	Pass
NVNT	a	5785	Ant4	16.352	>=0.5	Pass
NVNT	a	5825	Ant4	16.344	>=0.5	Pass
NVNT	n20	5745	Ant4	17.267	>=0.5	Pass
NVNT	n20	5785	Ant4	17.303	>=0.5	Pass
NVNT	n20	5825	Ant4	17.172	>=0.5	Pass
NVNT	n40	5755	Ant4	35.592	>=0.5	Pass
NVNT	n40	5795	Ant4	35.922	>=0.5	Pass
NVNT	ac20	5745	Ant4	17.532	>=0.5	Pass
NVNT	ac20	5785	Ant4	17.4	>=0.5	Pass
NVNT	ac20	5825	Ant4	17.4	>=0.5	Pass
NVNT	ac40	5755	Ant4	35.496	>=0.5	Pass
NVNT	ac40	5795	Ant4	35.586	>=0.5	Pass
NVNT	ac80	5775	Ant4	75.599	>=0.5	Pass
NVNT	ax20	5745	Ant4	17.085	>=0.5	Pass
NVNT	ax20	5785	Ant4	17.215	>=0.5	Pass
NVNT	ax20	5825	Ant4	17.255	>=0.5	Pass
NVNT	ax40	5755	Ant4	35.626	>=0.5	Pass
NVNT	ax40	5795	Ant4	35.72	>=0.5	Pass
NVNT	ax80	5775	Ant4	75.598	>=0.5	Pass

Test Graphs

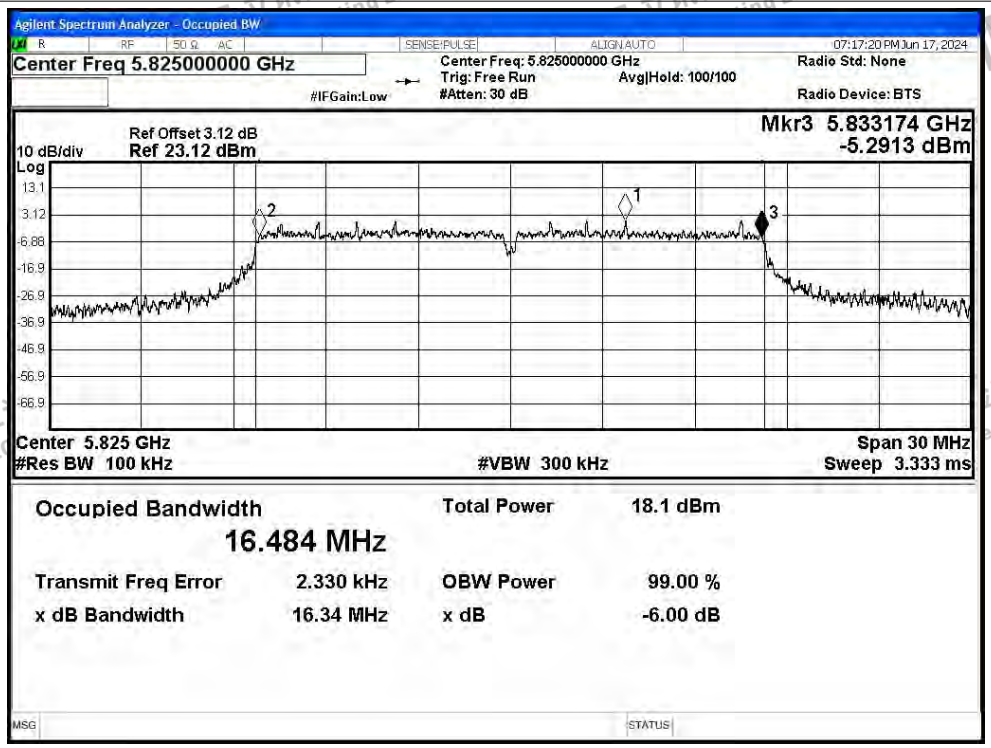
-6dB Bandwidth NVNT a 5745MHz Ant4



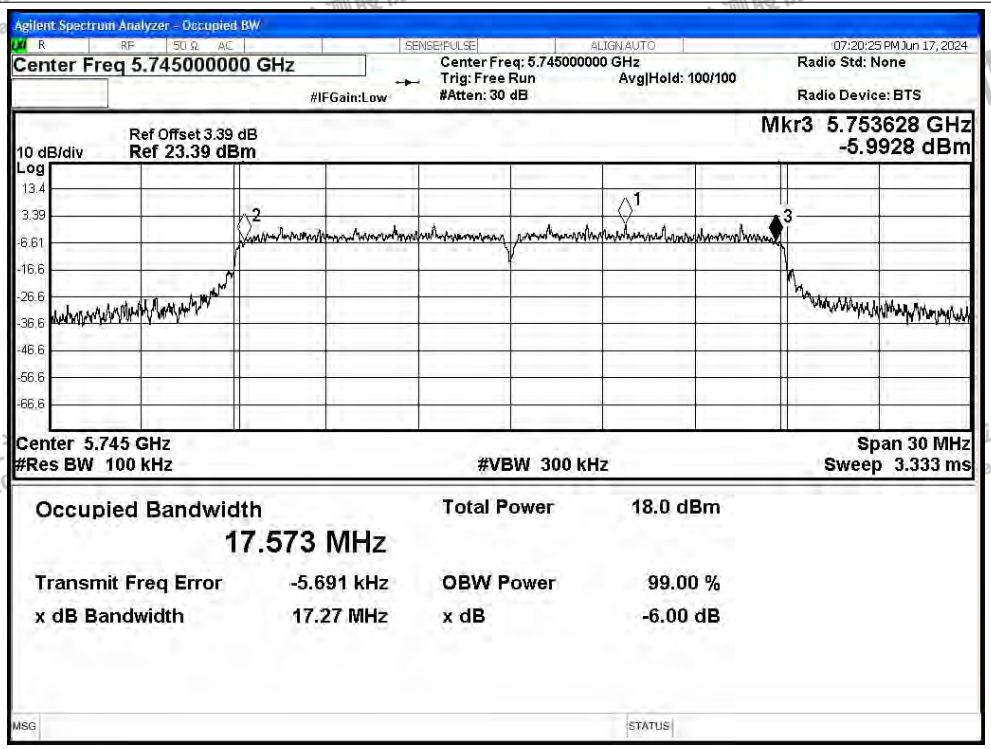
-6dB Bandwidth NVNT a 5785MHz Ant4



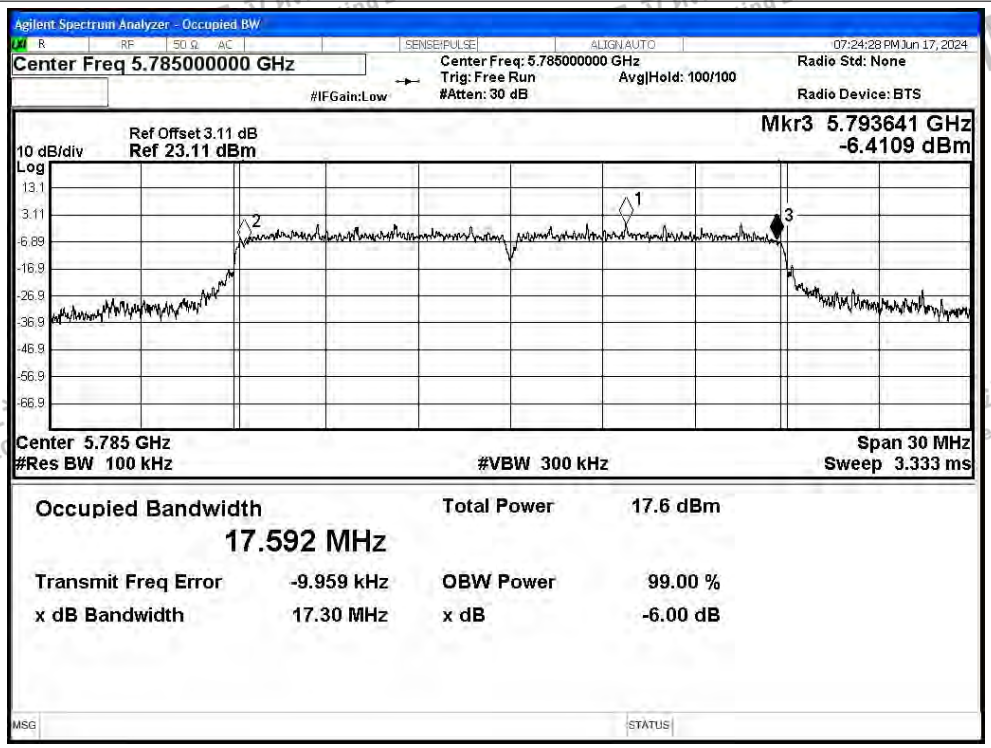
-6dB Bandwidth NVNT a 5825MHz Ant4



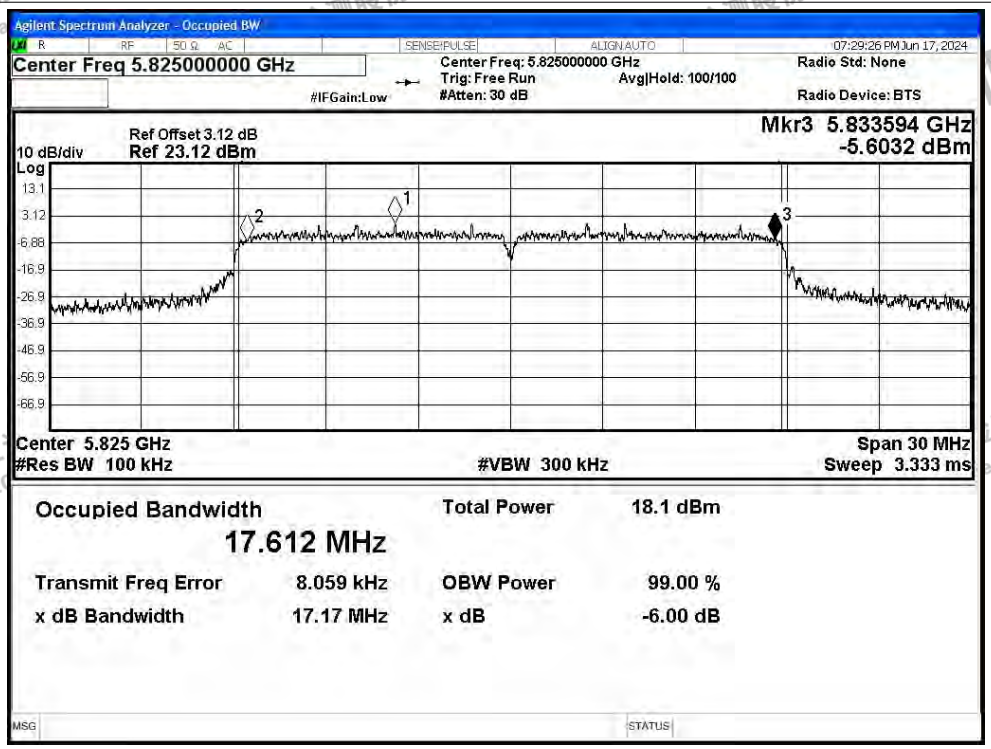
-6dB Bandwidth NVNT n20 5745MHz Ant4



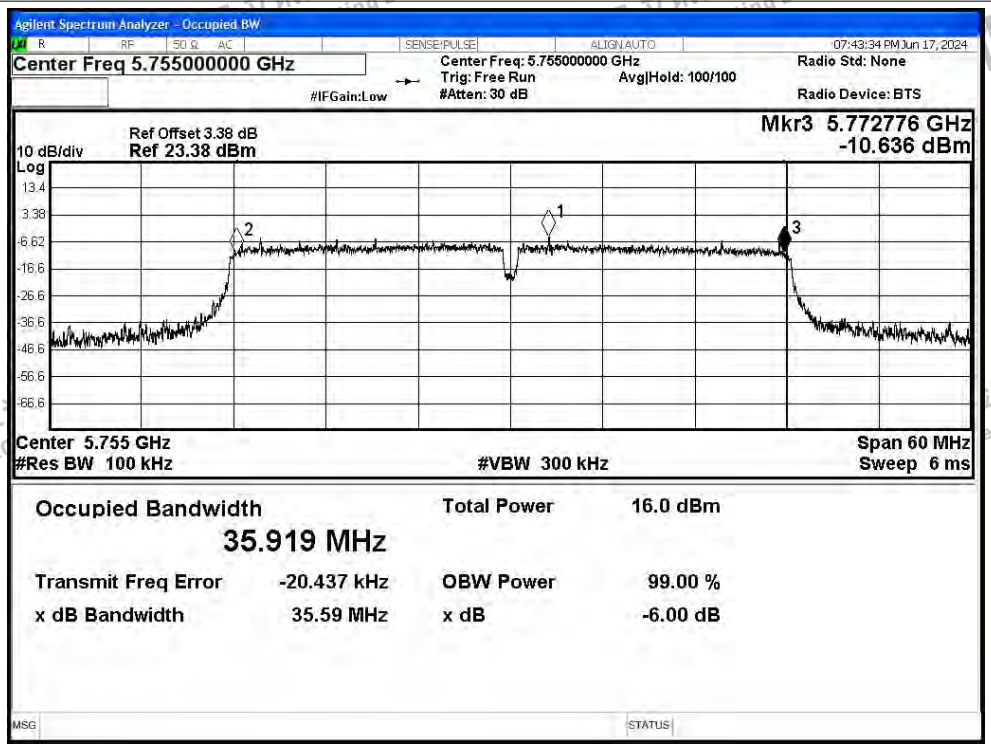
-6dB Bandwidth NVNT n20 5785MHz Ant4



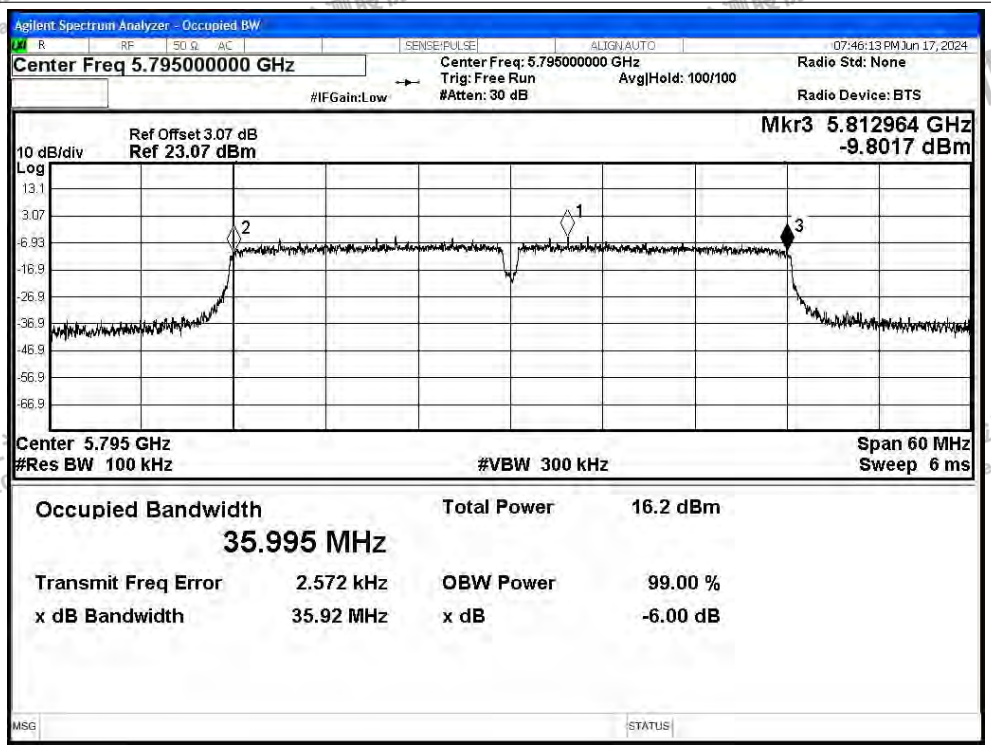
-6dB Bandwidth NVNT n20 5825MHz Ant4



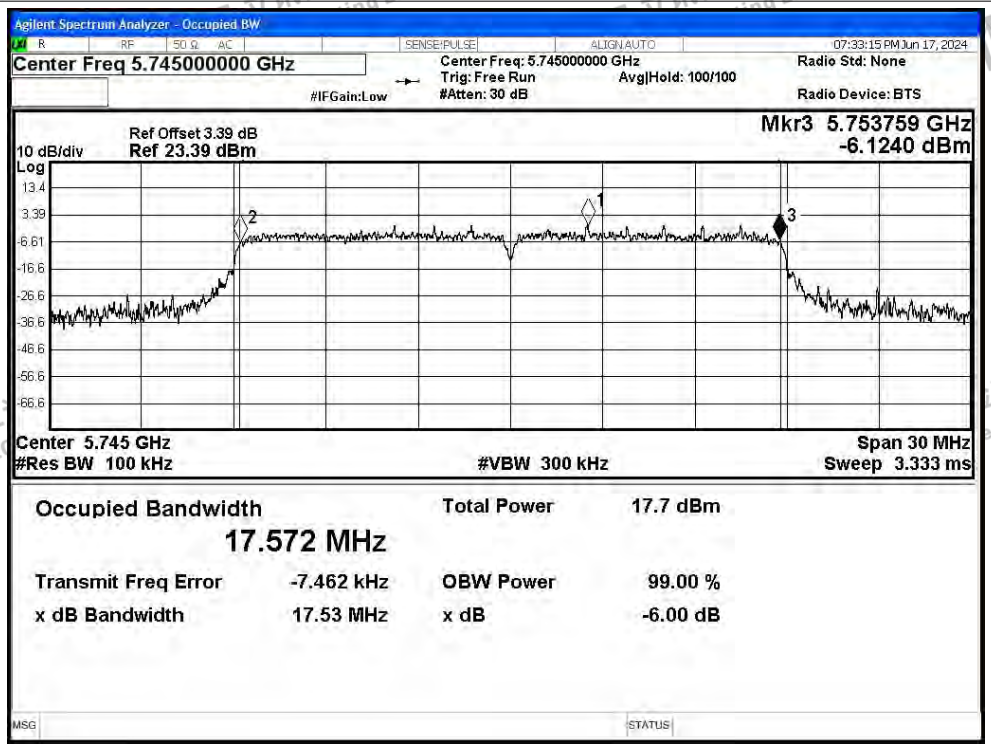
-6dB Bandwidth NVNT n40 5755MHz Ant4



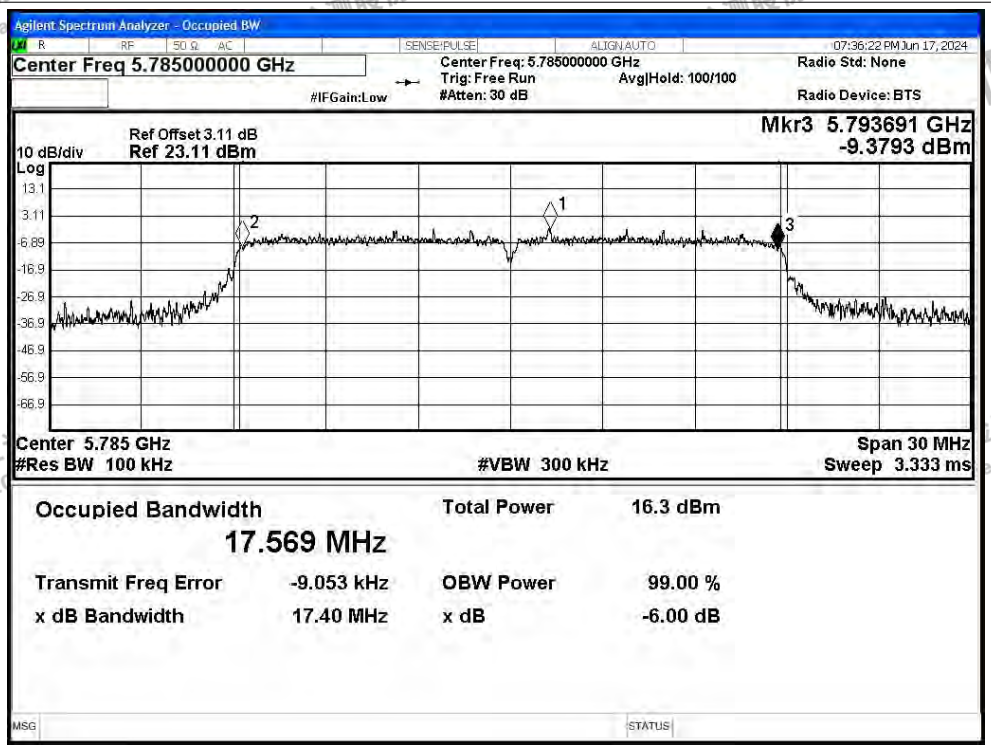
-6dB Bandwidth NVNT n40 5795MHz Ant4



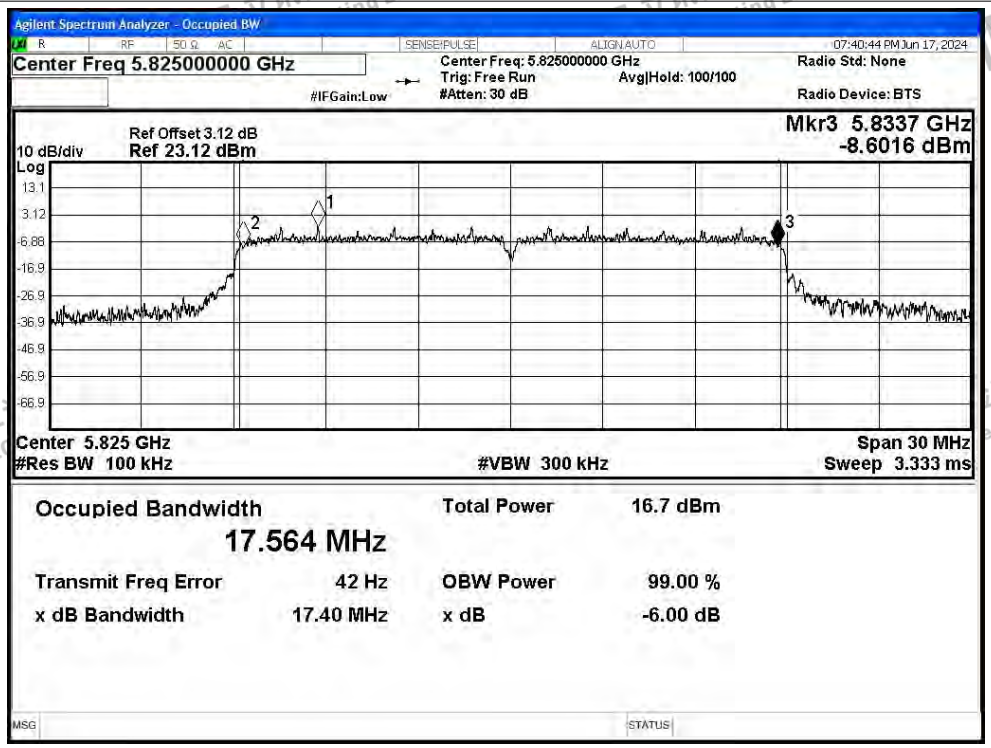
-6dB Bandwidth NVNT ac20 5745MHz Ant4



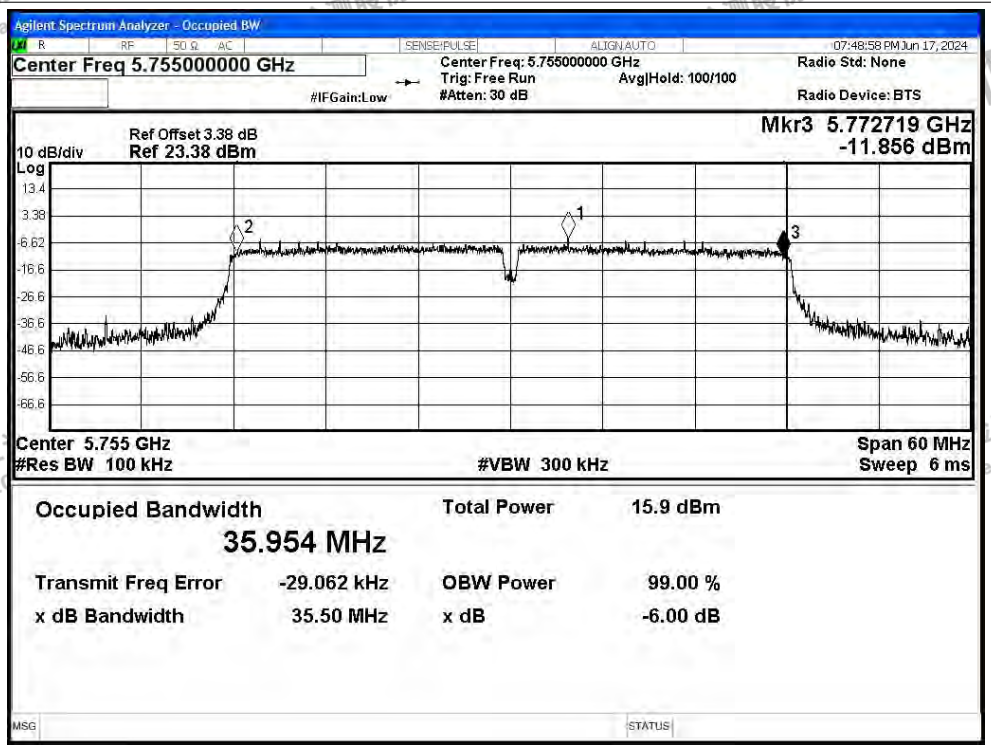
-6dB Bandwidth NVNT ac20 5785MHz Ant4



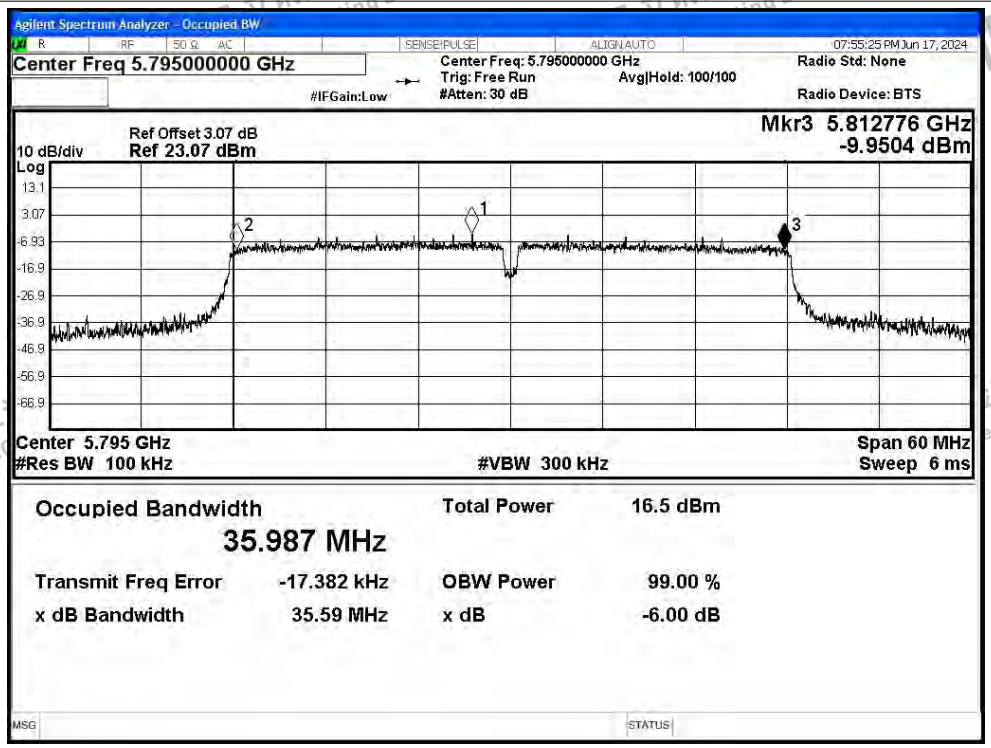
-6dB Bandwidth NVNT ac20 5825MHz Ant4



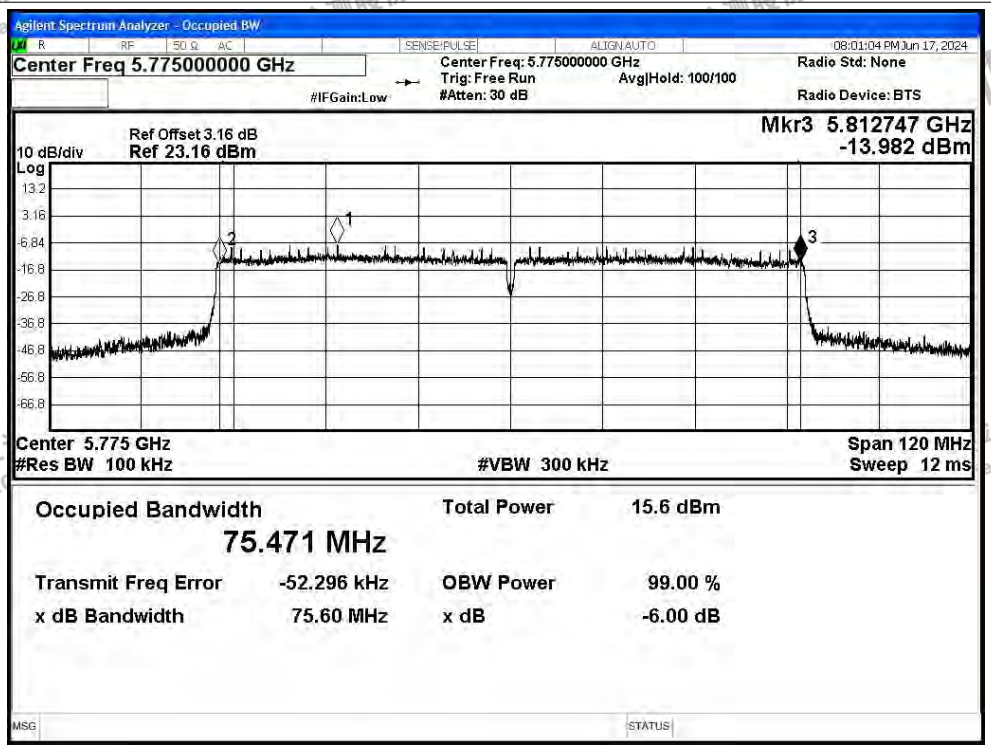
-6dB Bandwidth NVNT ac40 5755MHz Ant4



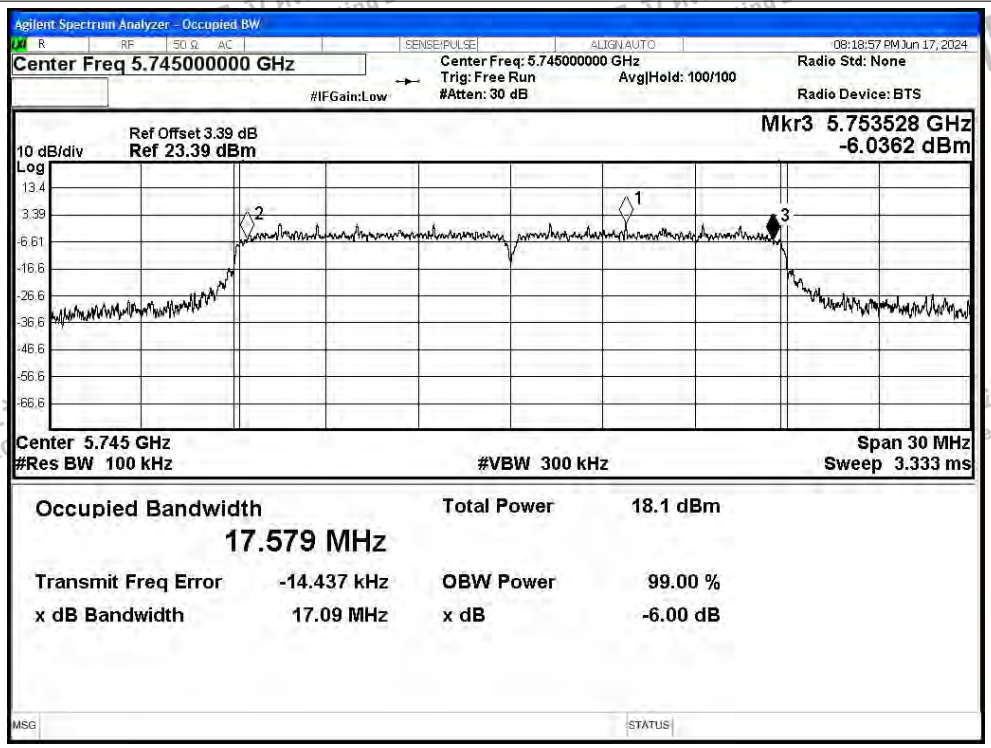
-6dB Bandwidth NVNT ac40 5795MHz Ant4



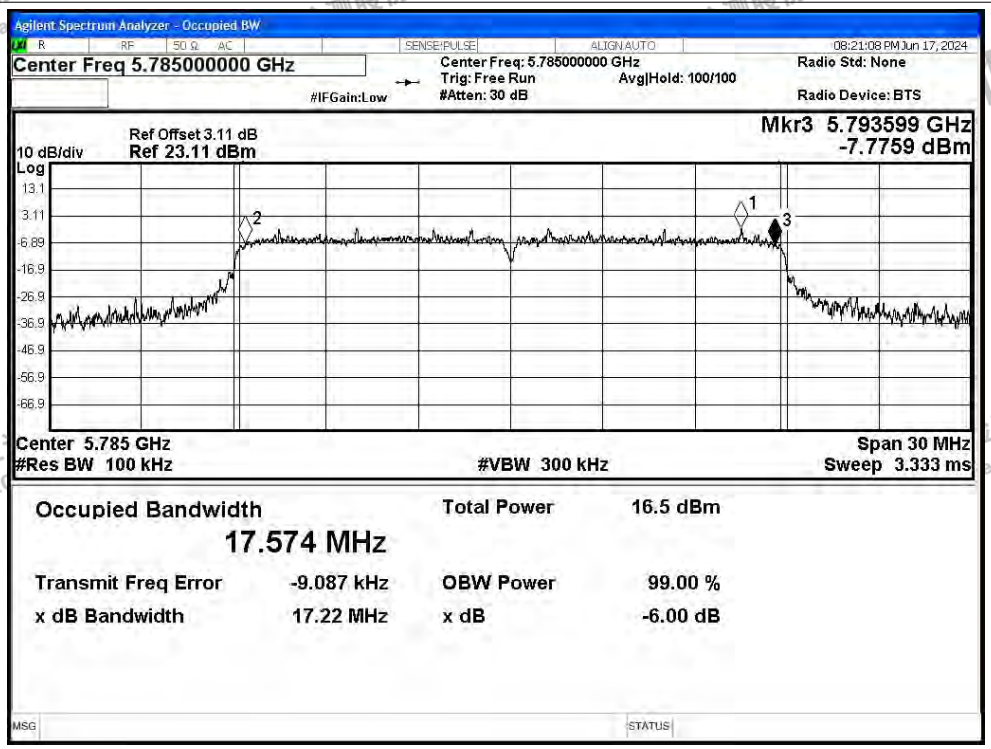
-6dB Bandwidth NVNT ac80 5775MHz Ant4



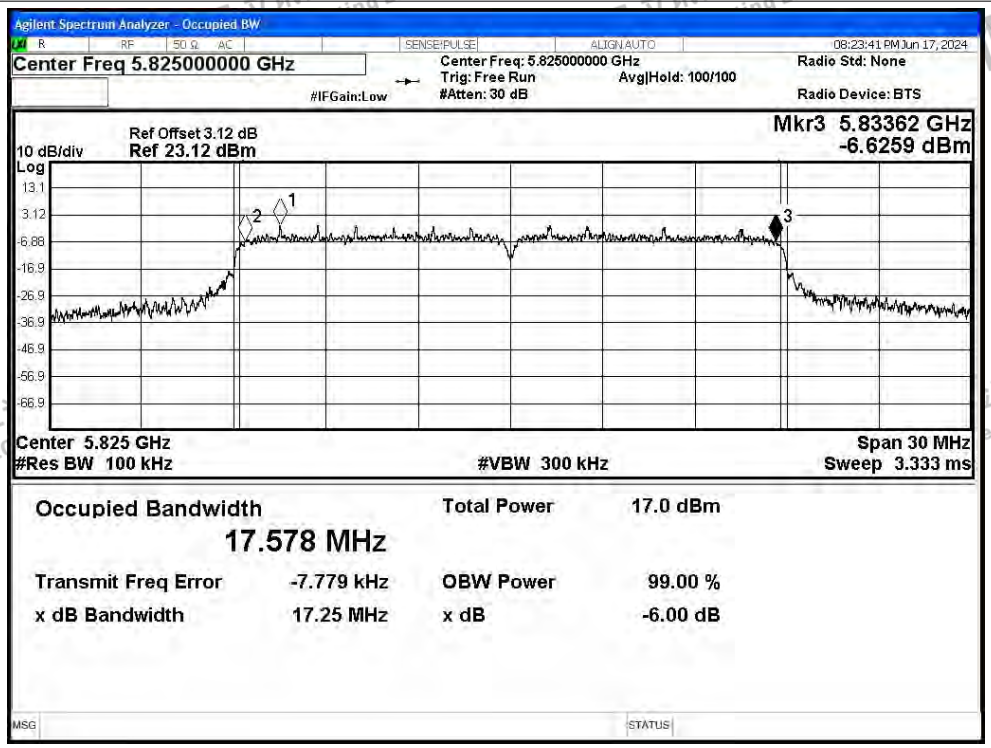
-6dB Bandwidth NVNT ax20 5745MHz Ant4



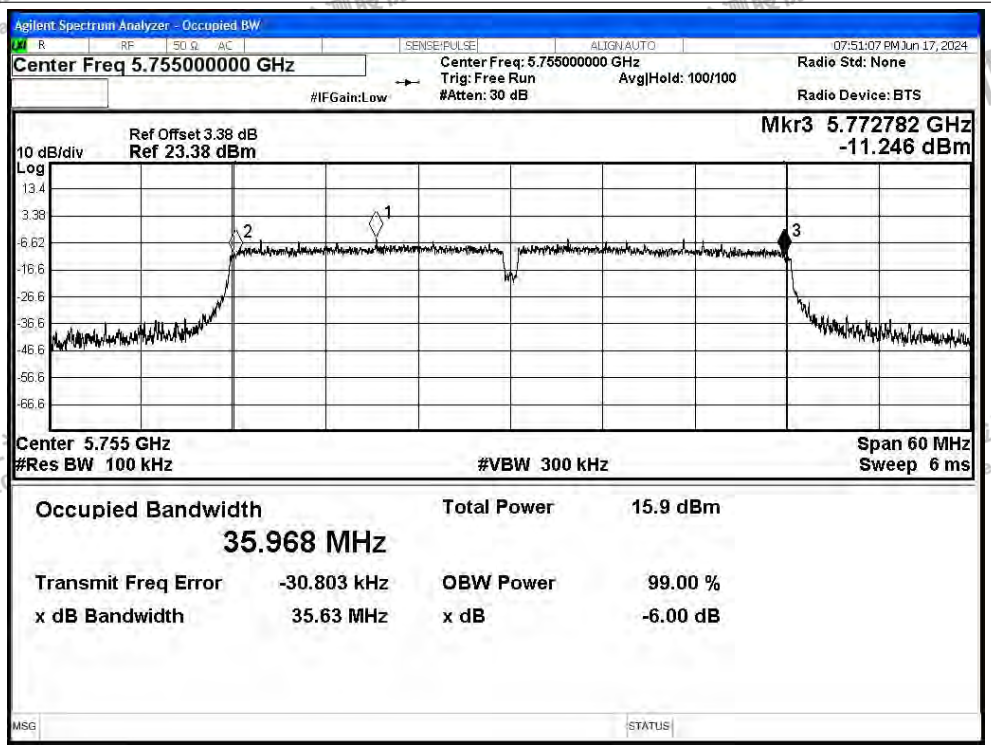
-6dB Bandwidth NVNT ax20 5785MHz Ant4



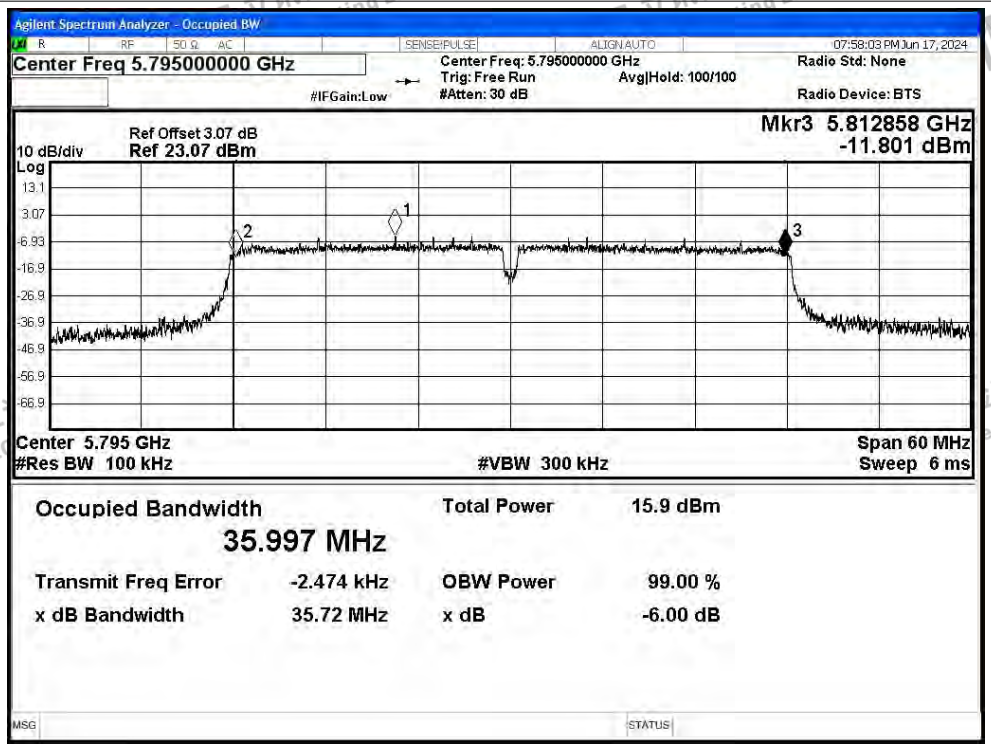
-6dB Bandwidth NVNT ax20 5825MHz Ant4



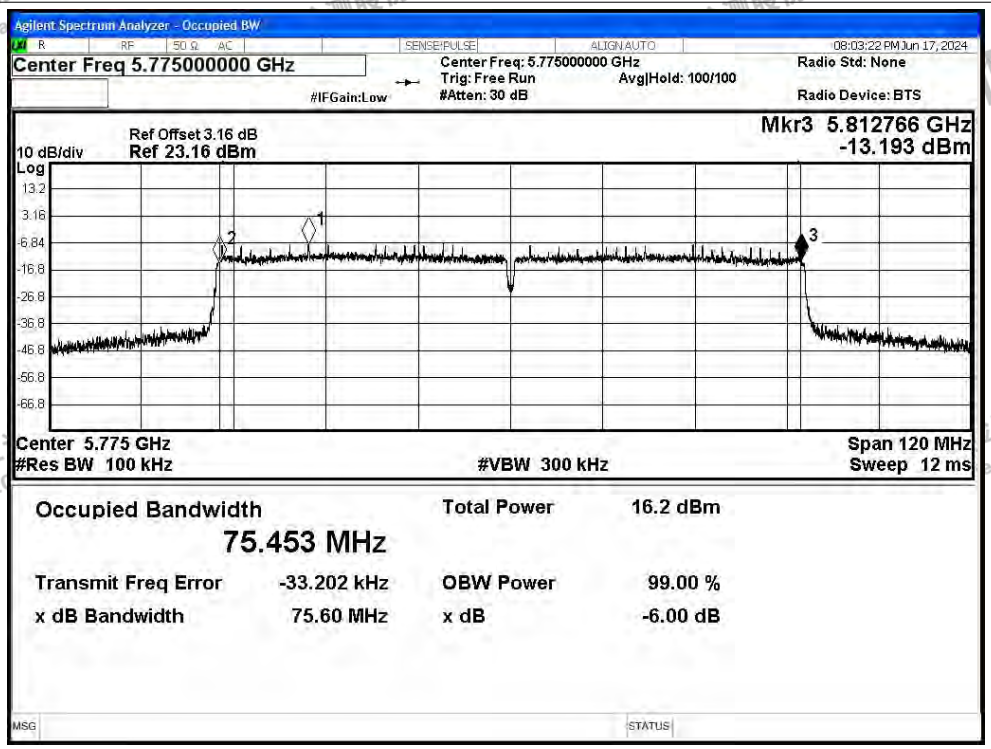
-6dB Bandwidth NVNT ax40 5755MHz Ant4



-6dB Bandwidth NVNT ax40 5795MHz Ant4



-6dB Bandwidth NVNT ax80 5775MHz Ant4



G.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	Ant2	12.35	0.24	12.59	30	Pass
NVNT	a	5785	Ant2	12.43	0.24	12.67	30	Pass
NVNT	a	5825	Ant2	12.63	0.24	12.87	30	Pass
NVNT	n20	5745	Ant2	11.78	0.28	12.06	30	Pass
NVNT	n20	5785	Ant2	11.18	0.28	11.46	30	Pass
NVNT	n20	5825	Ant2	11.07	0.28	11.35	30	Pass
NVNT	n40	5755	Ant2	10.24	0.24	10.48	30	Pass
NVNT	n40	5795	Ant2	10.05	0.24	10.29	30	Pass
NVNT	ac20	5745	Ant2	11.85	0.28	12.13	30	Pass
NVNT	ac20	5785	Ant2	11.15	0.28	11.43	30	Pass
NVNT	ac20	5825	Ant2	11.1	0.28	11.38	30	Pass
NVNT	ac40	5755	Ant2	10.12	0.24	10.36	30	Pass
NVNT	ac40	5795	Ant2	10.04	0.24	10.28	30	Pass
NVNT	ac80	5775	Ant2	9.3	0.47	9.77	30	Pass
NVNT	ax20	5745	Ant2	11.86	0.28	12.14	30	Pass
NVNT	ax20	5785	Ant2	11.15	0.28	11.43	30	Pass
NVNT	ax20	5825	Ant2	11.13	0.28	11.41	30	Pass
NVNT	ax40	5755	Ant2	10.16	0.23	10.39	30	Pass
NVNT	ax40	5795	Ant2	10.09	0.24	10.33	30	Pass
NVNT	ax80	5775	Ant2	9.36	0.47	9.83	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant3	12.83	0.24	13.07	30	Pass
NVNT	a	5785	Ant3	12.1	0.24	12.34	30	Pass
NVNT	a	5825	Ant3	12.72	0.24	12.96	30	Pass
NVNT	n20	5745	Ant3	11.55	0.28	11.83	30	Pass
NVNT	n20	5785	Ant3	11.65	0.28	11.93	30	Pass
NVNT	n20	5825	Ant3	11.15	0.28	11.43	30	Pass
NVNT	n40	5755	Ant3	10.55	0.12	10.67	30	Pass
NVNT	n40	5795	Ant3	10.55	0.12	10.67	30	Pass
NVNT	ac20	5745	Ant3	11.74	0.28	12.02	30	Pass
NVNT	ac20	5785	Ant3	11.81	0.28	12.09	30	Pass
NVNT	ac20	5825	Ant3	12.08	0.28	12.36	30	Pass
NVNT	ac40	5755	Ant3	10.52	0.12	10.64	30	Pass
NVNT	ac40	5795	Ant3	10.65	0.12	10.77	30	Pass
NVNT	ac80	5775	Ant3	9.92	0.25	10.17	30	Pass
NVNT	ax20	5745	Ant3	11.37	0.28	11.65	30	Pass
NVNT	ax20	5785	Ant3	11.21	0.28	11.49	30	Pass
NVNT	ax20	5825	Ant3	11.42	0.28	11.70	30	Pass
NVNT	ax40	5755	Ant3	10.55	0.12	10.67	30	Pass
NVNT	ax40	5795	Ant3	10.8	0.12	10.92	30	Pass
NVNT	ax80	5775	Ant3	10.09	0.25	10.34	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant4	11.47	0.24	11.71	30	Pass
NVNT	a	5785	Ant4	11.69	0.24	11.93	30	Pass
NVNT	a	5825	Ant4	11.98	0.24	12.22	30	Pass
NVNT	n20	5745	Ant4	10.19	0.28	10.47	30	Pass
NVNT	n20	5785	Ant4	10.04	0.28	10.32	30	Pass
NVNT	n20	5825	Ant4	10.74	0.28	11.02	30	Pass
NVNT	n40	5755	Ant4	9.59	0.12	9.71	30	Pass
NVNT	n40	5795	Ant4	9.97	0.12	10.09	30	Pass
NVNT	ac20	5745	Ant4	10.88	0.28	11.16	30	Pass
NVNT	ac20	5785	Ant4	10.84	0.28	11.12	30	Pass
NVNT	ac20	5825	Ant4	10.12	0.28	10.40	30	Pass
NVNT	ac40	5755	Ant4	9.52	0.12	9.64	30	Pass
NVNT	ac40	5795	Ant4	10.07	0.12	10.19	30	Pass
NVNT	ac80	5775	Ant4	8.78	0.25	9.03	30	Pass
NVNT	ax20	5745	Ant4	10.56	0.28	10.84	30	Pass
NVNT	ax20	5785	Ant4	10.54	0.28	10.82	30	Pass
NVNT	ax20	5825	Ant4	10.49	0.28	10.77	30	Pass
NVNT	ax40	5755	Ant4	9.46	0.12	9.58	30	Pass
NVNT	ax40	5795	Ant4	9.49	0.12	9.61	30	Pass
NVNT	ax80	5775	Ant4	8.81	0.25	9.06	30	Pass

Ant2+Ant3+Ant4

Condition	Mode	Frequency (MHz)	Total Power (dBm)				Limit (dBm)	Verdict
			Ant2	Ant3	Ant4	Ant2+Ant3+Ant4		
NVNT	n20	5745	12.06	11.83	10.47	16.28	24.64	Pass
NVNT	n20	5785	11.46	11.93	10.32	16.06	24.64	Pass
NVNT	n20	5825	11.35	11.43	11.02	16.04	24.64	Pass
NVNT	n40	5755	10.48	10.67	9.71	15.08	24.64	Pass
NVNT	n40	5795	10.29	10.67	10.09	15.13	24.64	Pass
NVNT	ac20	5745	12.13	12.02	11.16	16.56	24.64	Pass
NVNT	ac20	5785	11.43	12.09	11.12	16.34	24.64	Pass
NVNT	ac20	5825	11.38	12.36	10.40	16.22	24.64	Pass
NVNT	ac40	5755	10.36	10.64	9.64	15.00	24.64	Pass
NVNT	ac40	5795	10.28	10.77	10.19	15.19	24.64	Pass
NVNT	ac80	5775	9.77	10.17	9.03	14.45	24.64	Pass
NVNT	ax20	5745	12.14	11.65	10.84	16.35	24.64	Pass
NVNT	ax20	5785	11.43	11.49	10.82	16.03	24.64	Pass
NVNT	ax20	5825	11.41	11.70	10.77	16.08	24.64	Pass
NVNT	ax40	5755	10.39	10.67	9.58	15.01	24.64	Pass
NVNT	ax40	5795	10.33	10.92	9.61	15.09	24.64	Pass
NVNT	ax80	5775	9.83	10.34	9.06	14.55	24.64	Pass

G.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	Ant2	0.67	0.24	0.91	30	Pass
NVNT	a	5785	Ant2	-1.25	0.24	-1.01	30	Pass
NVNT	a	5825	Ant2	-1.1	0.24	-0.86	30	Pass
NVNT	n20	5745	Ant2	-2.09	0.28	-1.81	30	Pass
NVNT	n20	5785	Ant2	-2.66	0.28	-2.38	30	Pass
NVNT	n20	5825	Ant2	-2.78	0.28	-2.50	30	Pass
NVNT	n40	5755	Ant2	-6.61	0.24	-6.37	30	Pass
NVNT	n40	5795	Ant2	-6.41	0.24	-6.17	30	Pass
NVNT	ac20	5745	Ant2	-1.82	0.28	-1.54	30	Pass
NVNT	ac20	5785	Ant2	-2.59	0.28	-2.31	30	Pass
NVNT	ac20	5825	Ant2	-2.7	0.28	-2.42	30	Pass
NVNT	ac40	5755	Ant2	-6.9	0.24	-6.66	30	Pass
NVNT	ac40	5795	Ant2	-6.22	0.24	-5.98	30	Pass
NVNT	ac80	5775	Ant2	-9.97	0.47	-9.50	30	Pass
NVNT	ax20	5745	Ant2	-1.94	0.28	-1.66	30	Pass
NVNT	ax20	5785	Ant2	-2.58	0.28	-2.30	30	Pass
NVNT	ax20	5825	Ant2	-2.73	0.28	-2.45	30	Pass
NVNT	ax40	5755	Ant2	-6.77	0.23	-6.54	30	Pass
NVNT	ax40	5795	Ant2	-6.33	0.24	-6.09	30	Pass
NVNT	ax80	5775	Ant2	-9.96	0.47	-9.49	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	Ant3	-0.95	0.24	-0.71	30	Pass
NVNT	a	5785	Ant3	-1.55	0.24	-1.31	30	Pass
NVNT	a	5825	Ant3	-1.93	0.24	-1.69	30	Pass
NVNT	n20	5745	Ant3	-2.36	0.28	-2.08	30	Pass
NVNT	n20	5785	Ant3	-3.34	0.28	-3.06	30	Pass
NVNT	n20	5825	Ant3	-2.52	0.28	-2.24	30	Pass
NVNT	n40	5755	Ant3	-5.99	0.12	-5.87	30	Pass
NVNT	n40	5795	Ant3	-6.33	0.12	-6.21	30	Pass
NVNT	ac20	5745	Ant3	-1.28	0.28	-1.00	30	Pass
NVNT	ac20	5785	Ant3	-1.93	0.28	-1.65	30	Pass
NVNT	ac20	5825	Ant3	-1.3	0.28	-1.02	30	Pass
NVNT	ac40	5755	Ant3	-5.47	0.12	-5.35	30	Pass
NVNT	ac40	5795	Ant3	-5.82	0.12	-5.70	30	Pass
NVNT	ac80	5775	Ant3	-9.85	0.25	-9.60	30	Pass
NVNT	ax20	5745	Ant3	-2.2	0.28	-1.92	30	Pass
NVNT	ax20	5785	Ant3	-2.71	0.28	-2.43	30	Pass
NVNT	ax20	5825	Ant3	-2.42	0.28	-2.14	30	Pass
NVNT	ax40	5755	Ant3	-5.93	0.12	-5.81	30	Pass
NVNT	ax40	5795	Ant3	-5.83	0.12	-5.71	30	Pass
NVNT	ax80	5775	Ant3	-9.6	0.25	-9.35	30	Pass

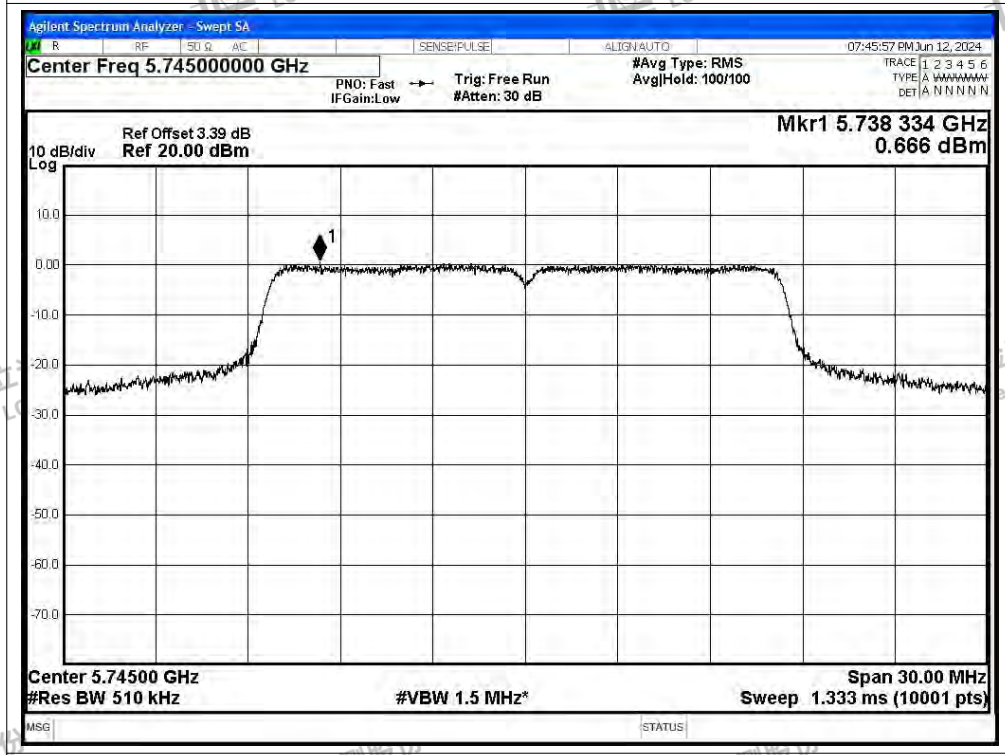
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500KHz)	Duty Factor (dB)	Total PSD (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
NVNT	a	5745	Ant4	-2.13	0.24	-1.89	30	Pass
NVNT	a	5785	Ant4	-1.82	0.24	-1.58	30	Pass
NVNT	a	5825	Ant4	-1.49	0.24	-1.25	30	Pass
NVNT	n20	5745	Ant4	-3.23	0.28	-2.95	30	Pass
NVNT	n20	5785	Ant4	-3.8	0.28	-3.52	30	Pass
NVNT	n20	5825	Ant4	-3.5	0.28	-3.22	30	Pass
NVNT	n40	5755	Ant4	-7.27	0.12	-7.15	30	Pass
NVNT	n40	5795	Ant4	-6.74	0.12	-6.62	30	Pass
NVNT	ac20	5745	Ant4	-2.86	0.28	-2.58	30	Pass
NVNT	ac20	5785	Ant4	-3.01	0.28	-2.73	30	Pass
NVNT	ac20	5825	Ant4	-3.54	0.28	-3.26	30	Pass
NVNT	ac40	5755	Ant4	-7.32	0.12	-7.20	30	Pass
NVNT	ac40	5795	Ant4	-6.54	0.12	-6.42	30	Pass
NVNT	ac80	5775	Ant4	-10.78	0.25	-10.53	30	Pass
NVNT	ax20	5745	Ant4	-2.07	0.28	-1.79	30	Pass
NVNT	ax20	5785	Ant4	-3.88	0.28	-3.60	30	Pass
NVNT	ax20	5825	Ant4	-3.23	0.28	-2.95	30	Pass
NVNT	ax40	5755	Ant4	-7.19	0.12	-7.07	30	Pass
NVNT	ax40	5795	Ant4	-7.11	0.12	-6.99	30	Pass
NVNT	ax80	5775	Ant4	-10.36	0.25	-10.11	30	Pass

Ant2+Ant3+Ant4

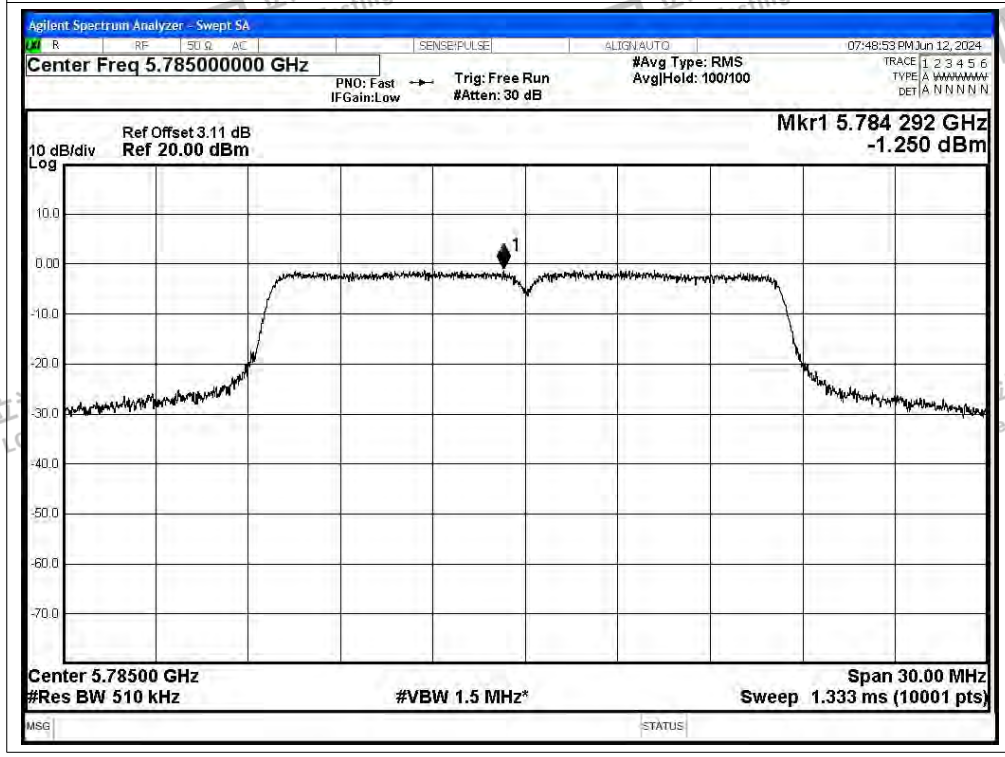
Condition	Mode	Frequency (MHz)	Total PSD (dBm/500KHz)				Limit (dBm/500KHz)	Verdict
			Ant2	Ant3	Ant4	Ant2+Ant3+Ant4		
NVNT	n20	5745	-2.52	-3.26	-3.35	1.74	26.11	Pass
NVNT	n20	5785	-1.80	-3.41	-3.47	1.95	26.11	Pass
NVNT	n20	5825	-1.98	-3.06	-4.45	1.72	26.11	Pass
NVNT	n40	5755	-5.83	-7.06	-8.37	-2.19	26.11	Pass
NVNT	n40	5795	-6.00	-6.69	-7.44	-1.90	26.11	Pass
NVNT	ac20	5745	-1.54	-3.22	-3.41	2.13	26.11	Pass
NVNT	ac20	5785	-2.35	-3.42	-5.02	1.31	26.11	Pass
NVNT	ac20	5825	-3.03	-2.92	-4.56	1.33	26.11	Pass
NVNT	ac40	5755	-6.26	-6.79	-8.57	-2.33	26.11	Pass
NVNT	ac40	5795	-6.34	-7.09	-7.87	-2.28	26.11	Pass
NVNT	ac80	5775	-9.91	-10.34	-11	-5.62	26.11	Pass
NVNT	ax20	5745	-2.27	-3.18	-3.83	1.73	26.11	Pass
NVNT	ax20	5785	-2.25	-3.41	-5.17	1.32	26.11	Pass
NVNT	ax20	5825	-1.97	-3.09	-4.8	1.64	26.11	Pass
NVNT	ax40	5755	-6.14	-7.08	-8.61	-2.39	26.11	Pass
NVNT	ax40	5795	-6.31	-6.39	-7.97	-2.05	26.11	Pass
NVNT	ax80	5775	-9.79	-9.73	-11.53	-5.50	26.11	Pass

Test Graphs

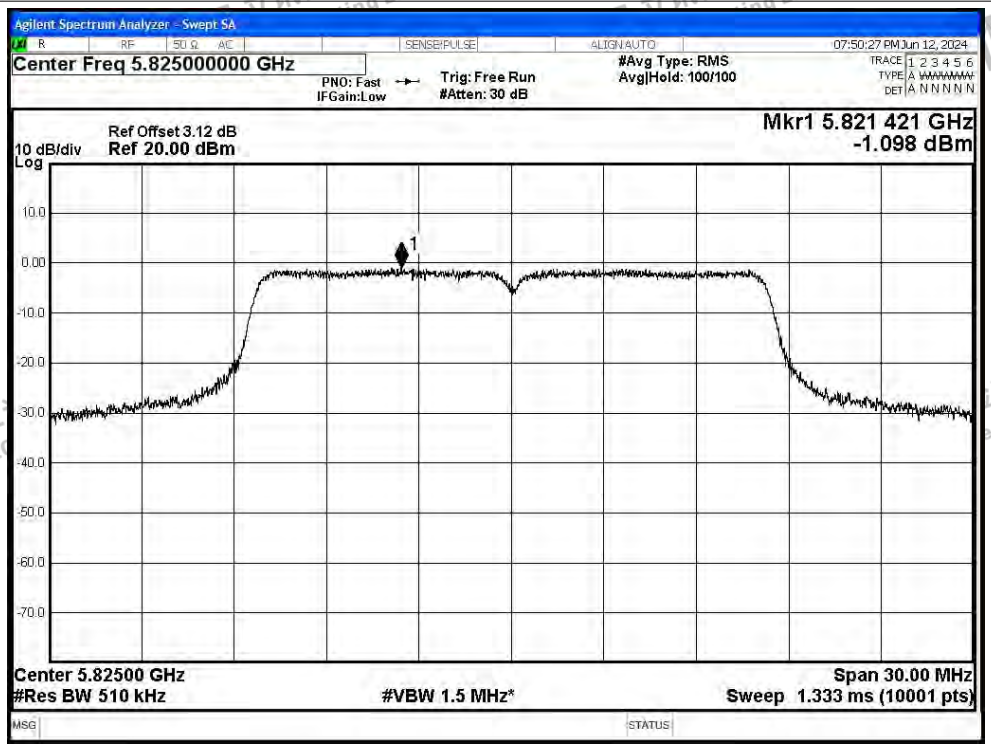
PSD NVNT a 5745MHz Ant2



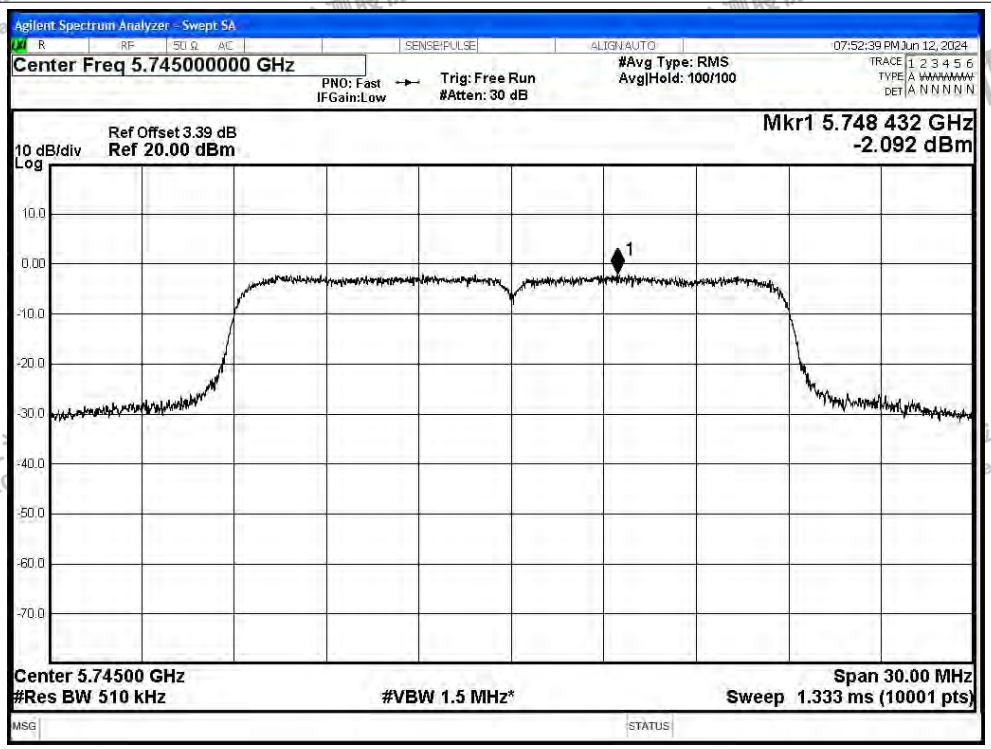
PSD NVNT a 5785MHz Ant2



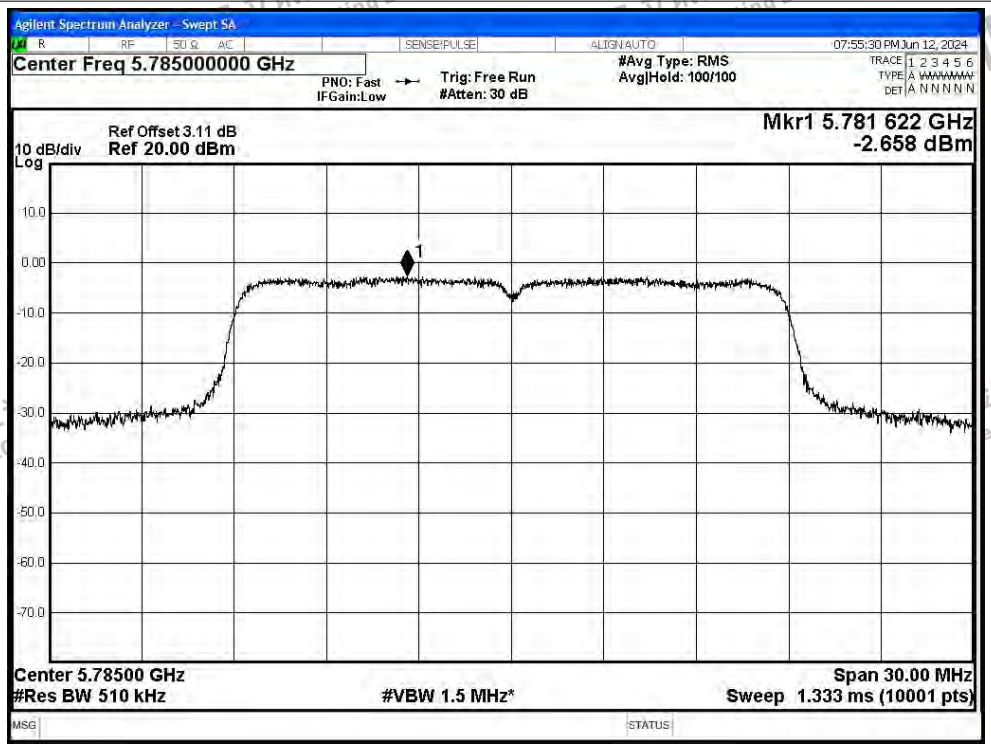
PSD NVNT a 5825MHz Ant2



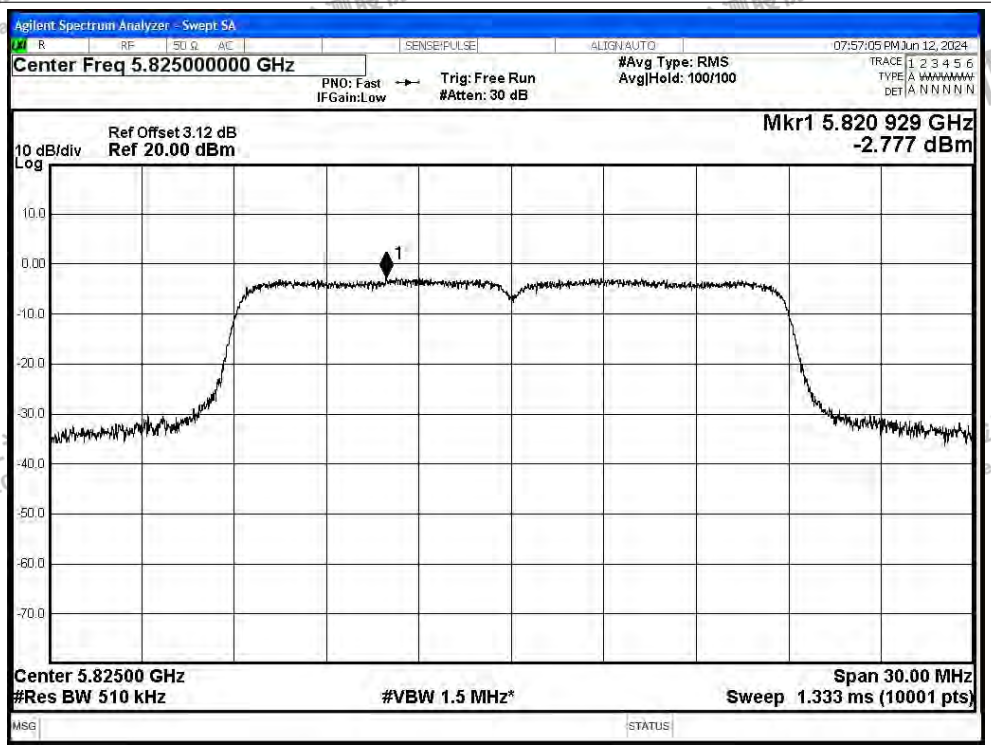
PSD NVNT n20 5745MHz Ant2



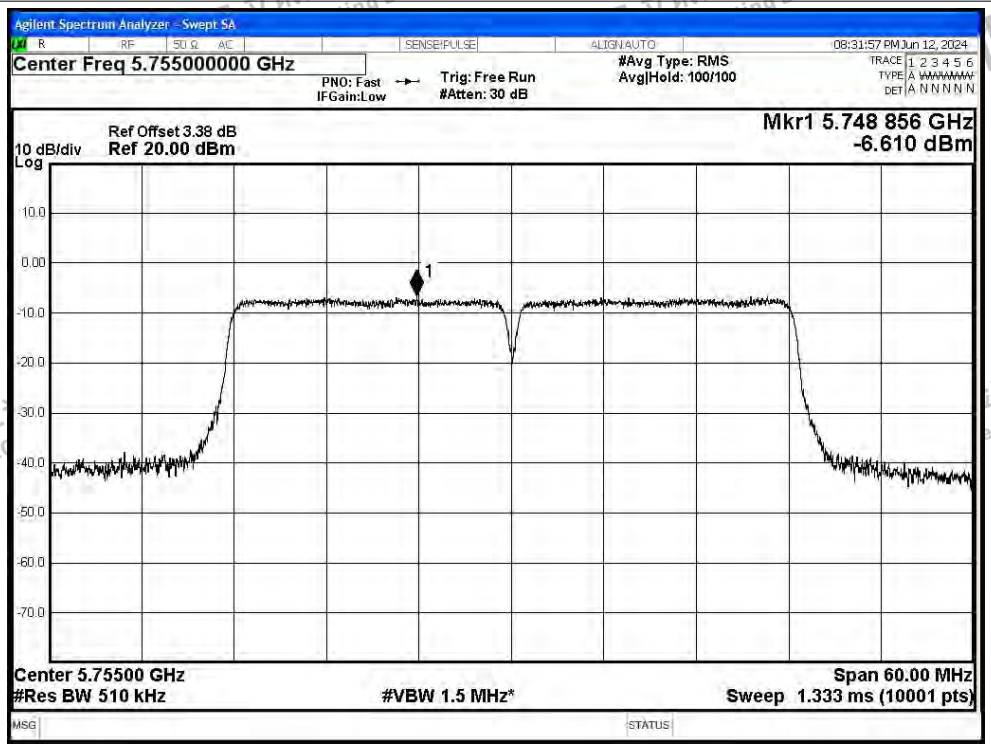
PSD NVNT n20 5785MHz Ant2



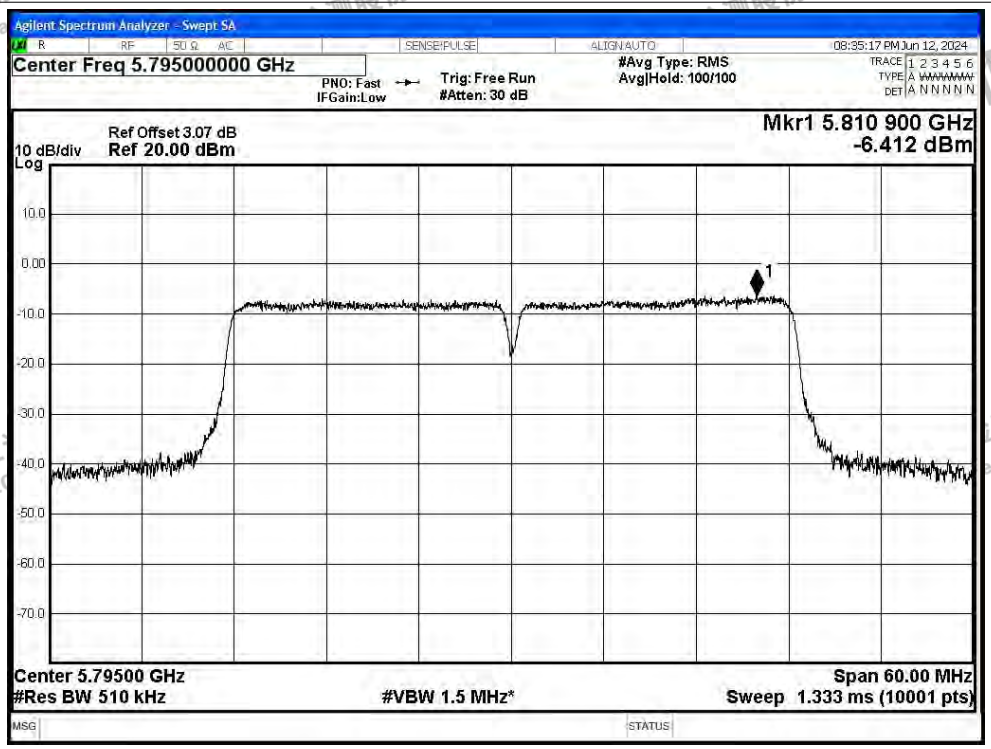
PSD NVNT n20 5825MHz Ant2



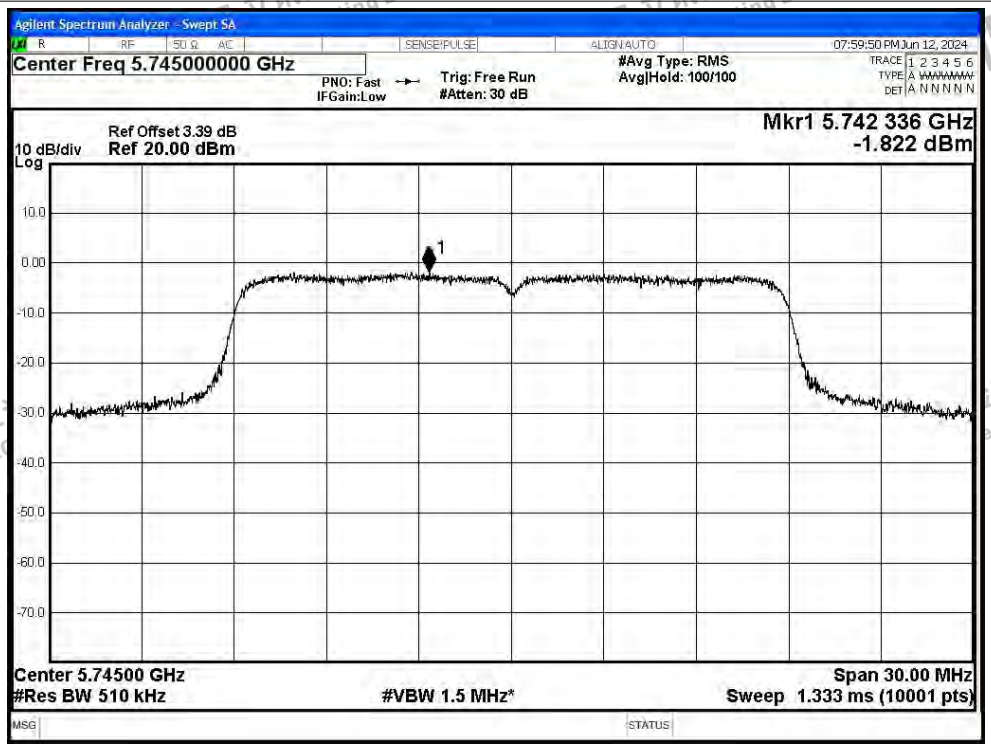
PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2



PSD NVNT ac20 5745MHz Ant2



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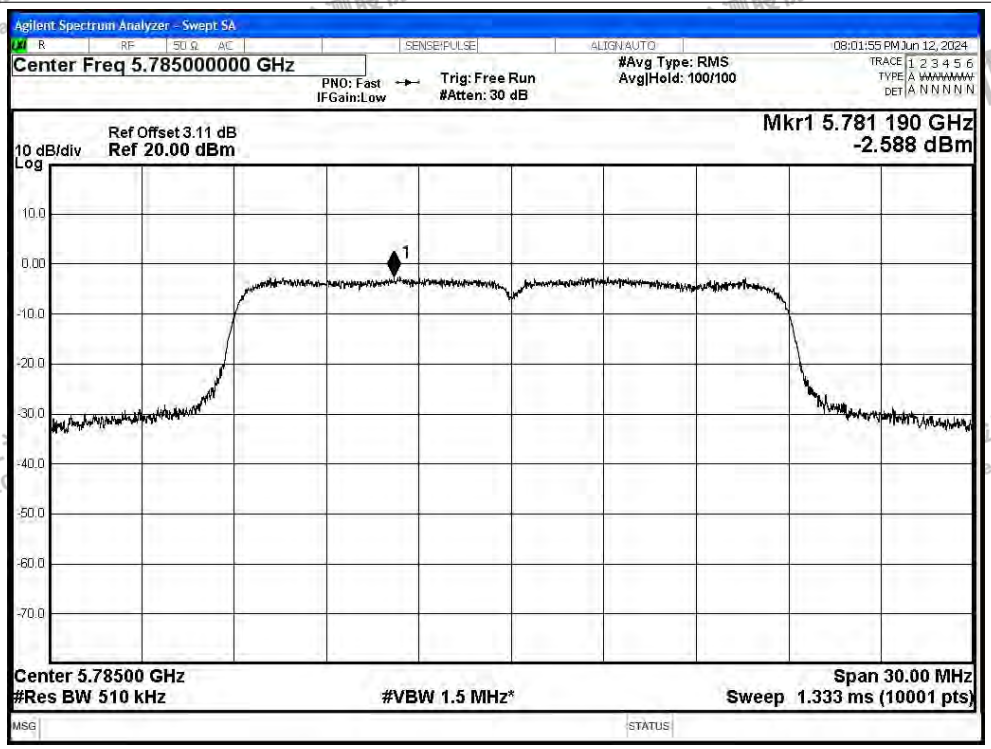
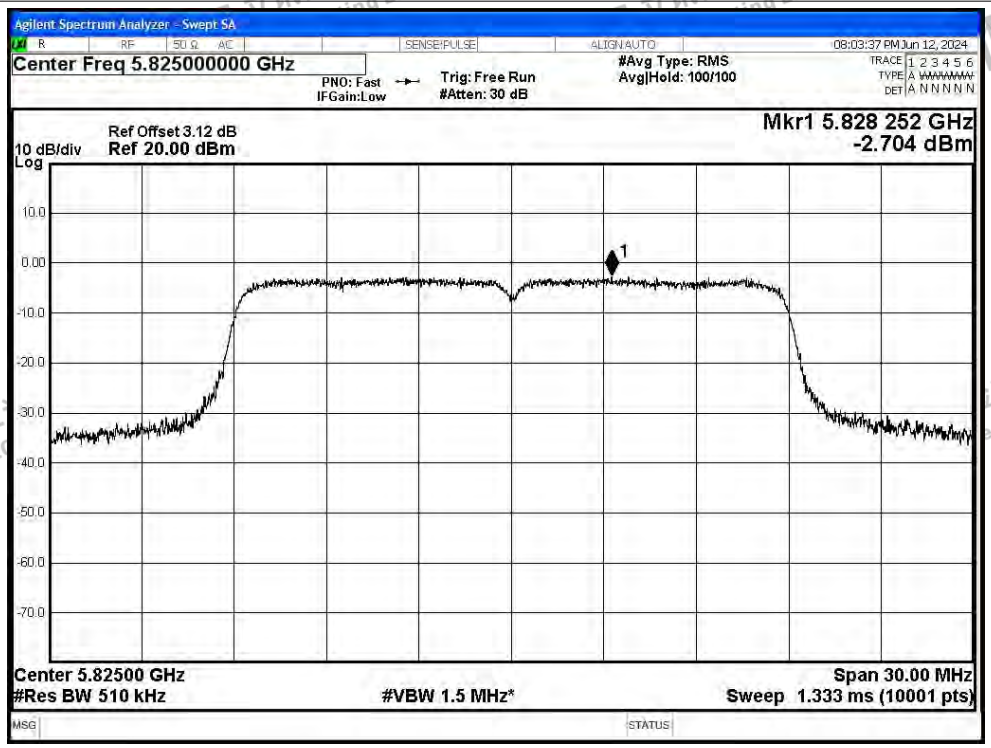
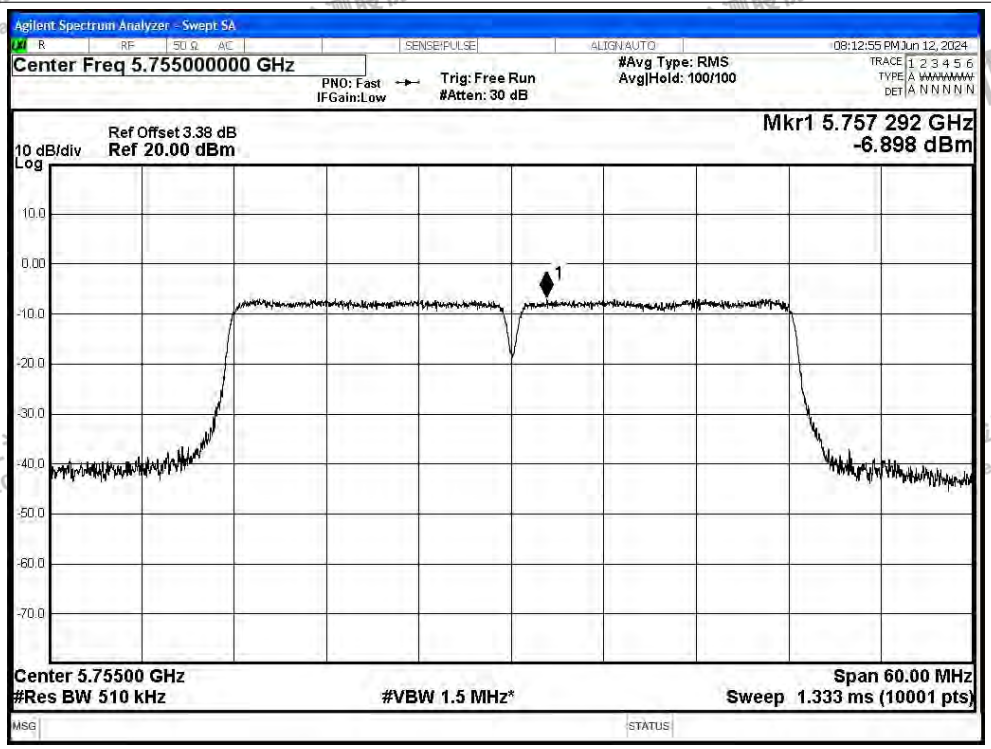


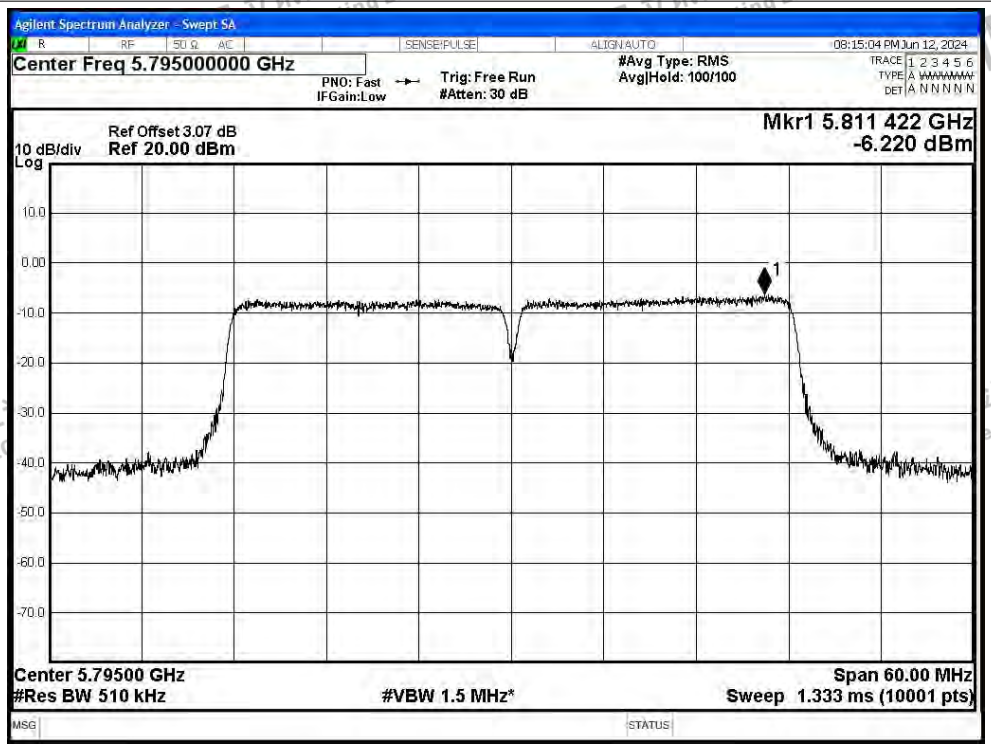
PSD NVNT ac20 5825MHz Ant2



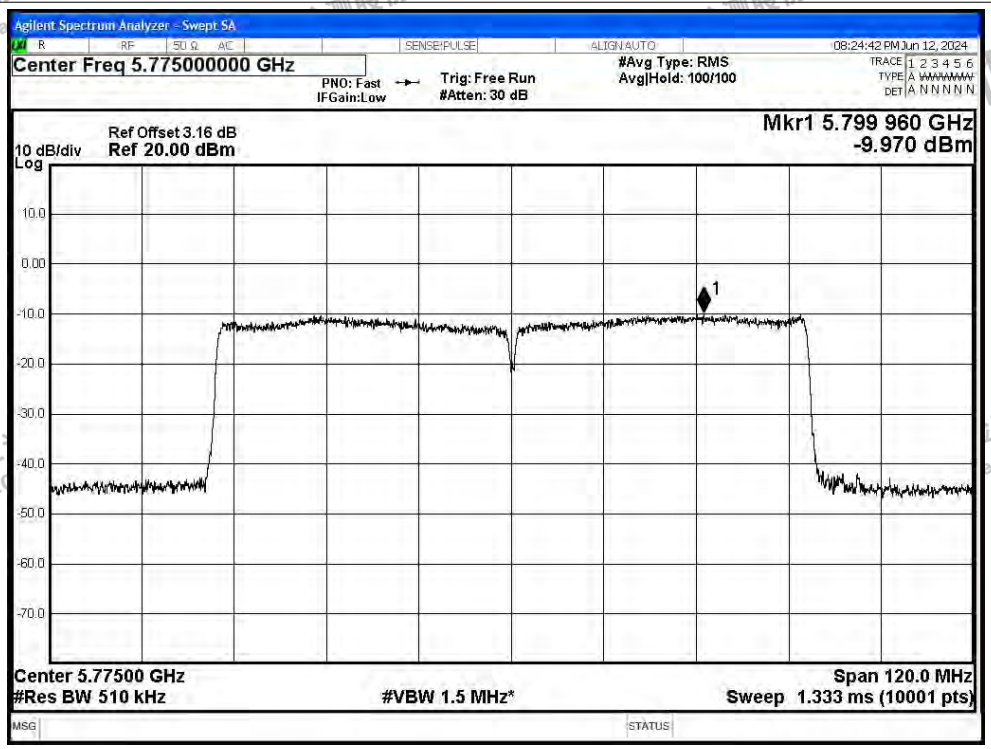
PSD NVNT ac40 5755MHz Ant2



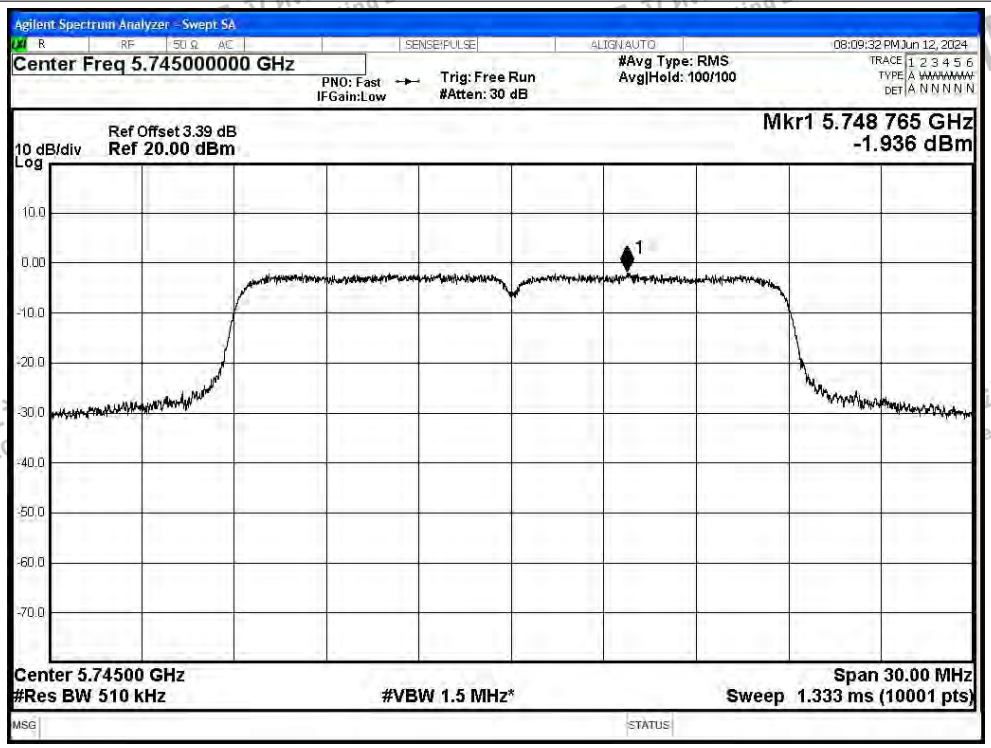
PSD NVNT ac40 5795MHz Ant2



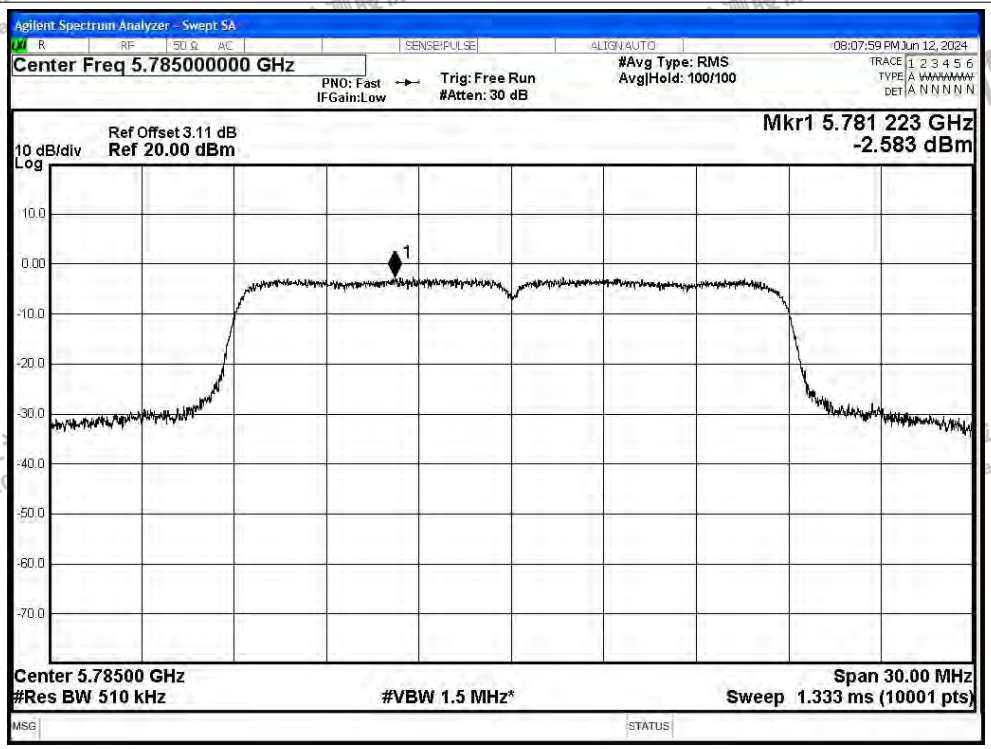
PSD NVNT ac80 5775MHz Ant2



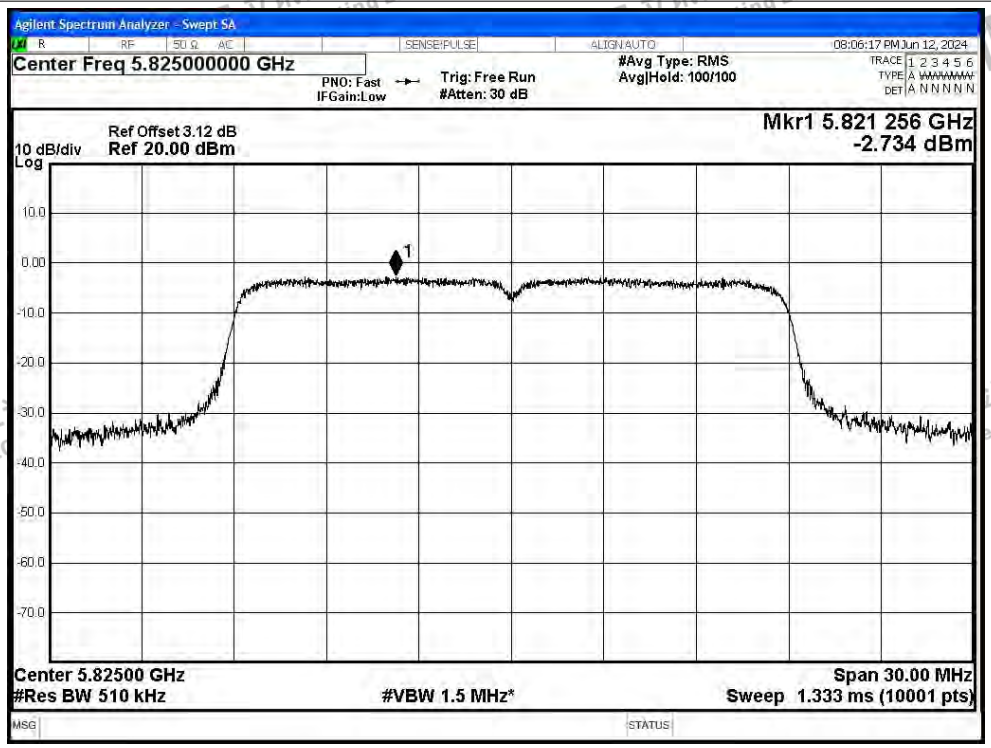
PSD NVNT ax20 5745MHz Ant2



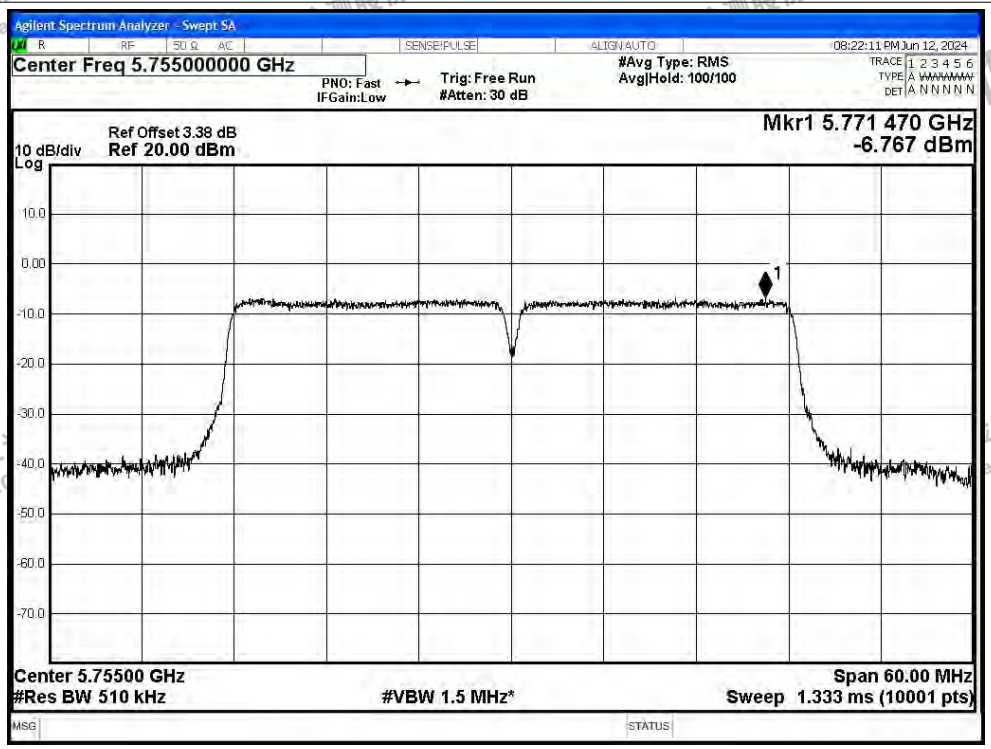
PSD NVNT ax20 5785MHz Ant2



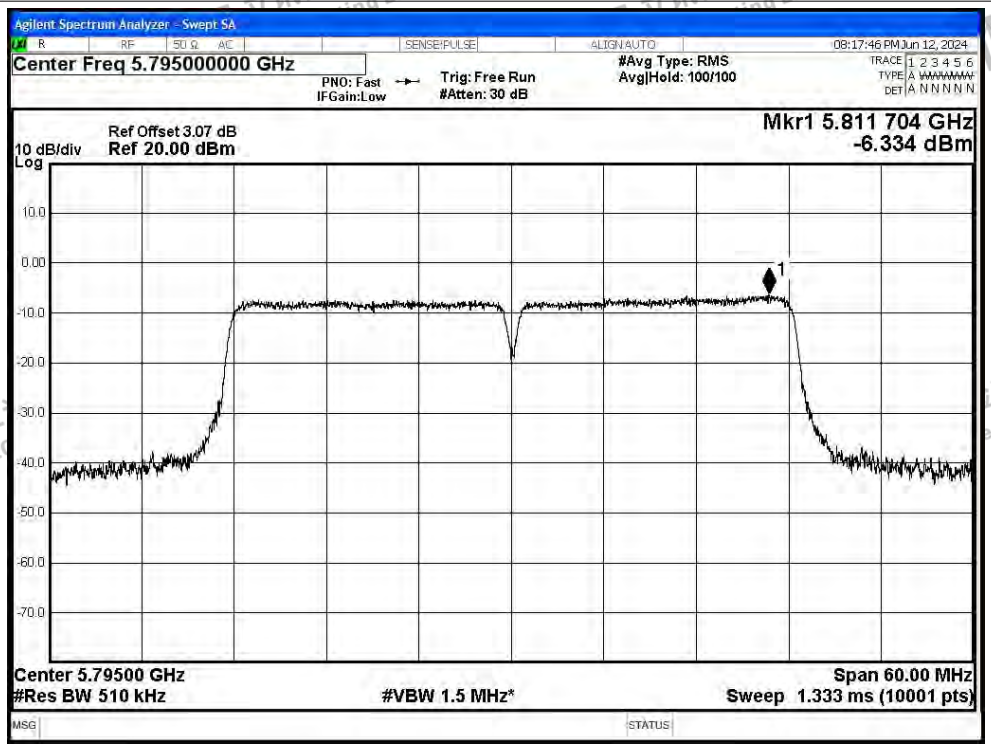
PSD NVNT ax20 5825MHz Ant2



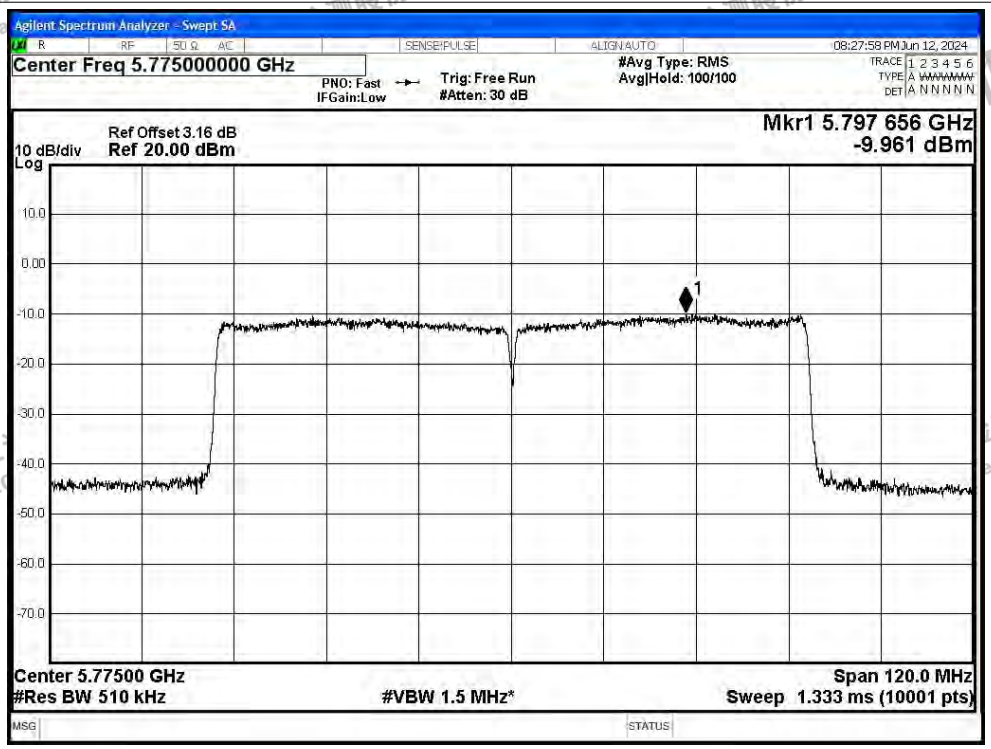
PSD NVNT ax40 5755MHz Ant2



PSD NVNT ax40 5795MHz Ant2

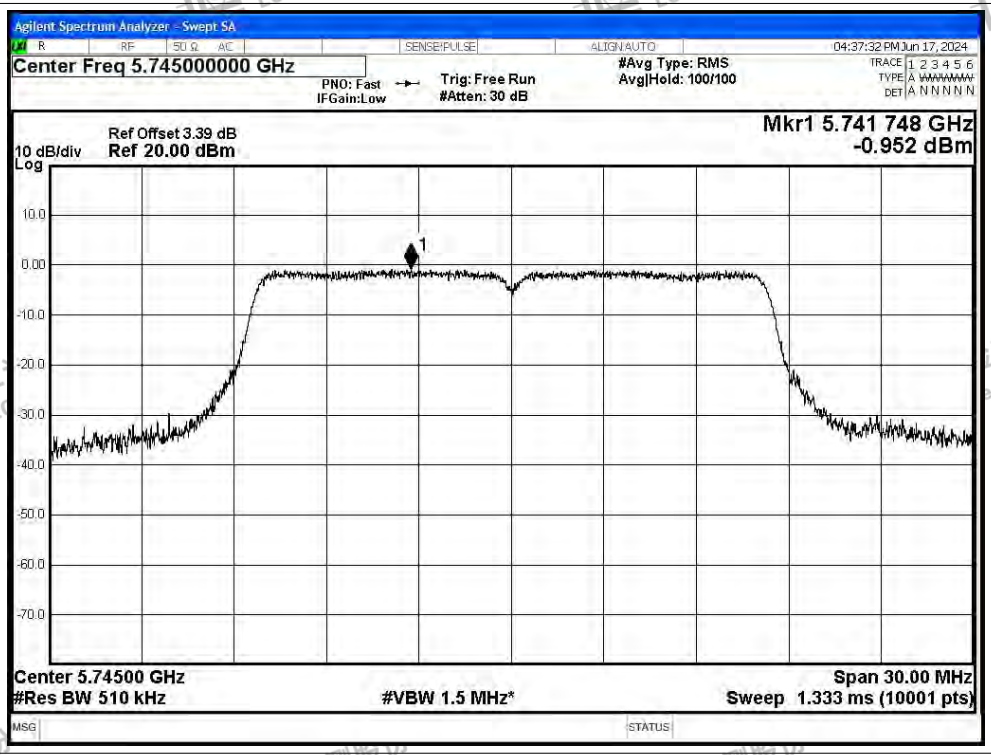


PSD NVNT ax80 5775MHz Ant2

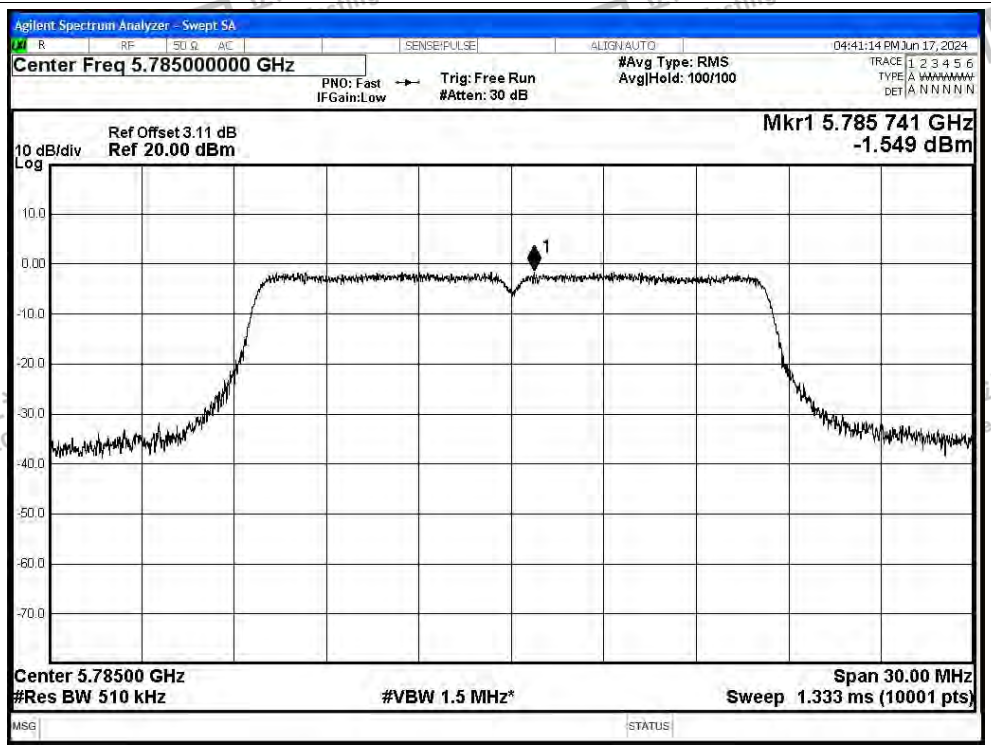


Test Graphs

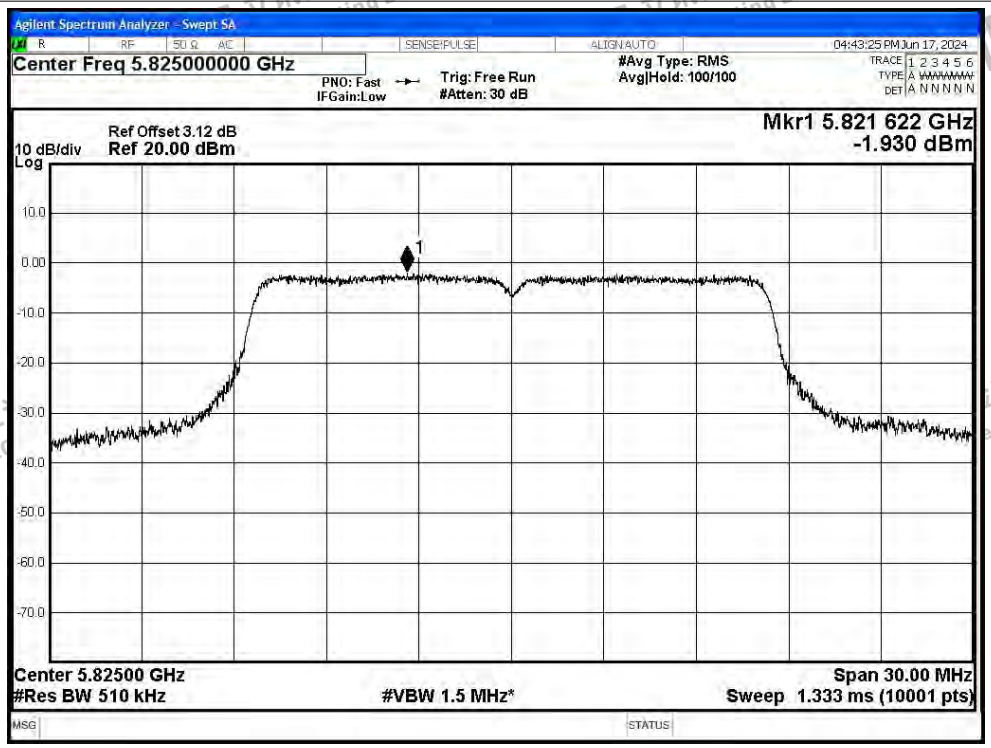
PSD NVNT a 5745MHz Ant3



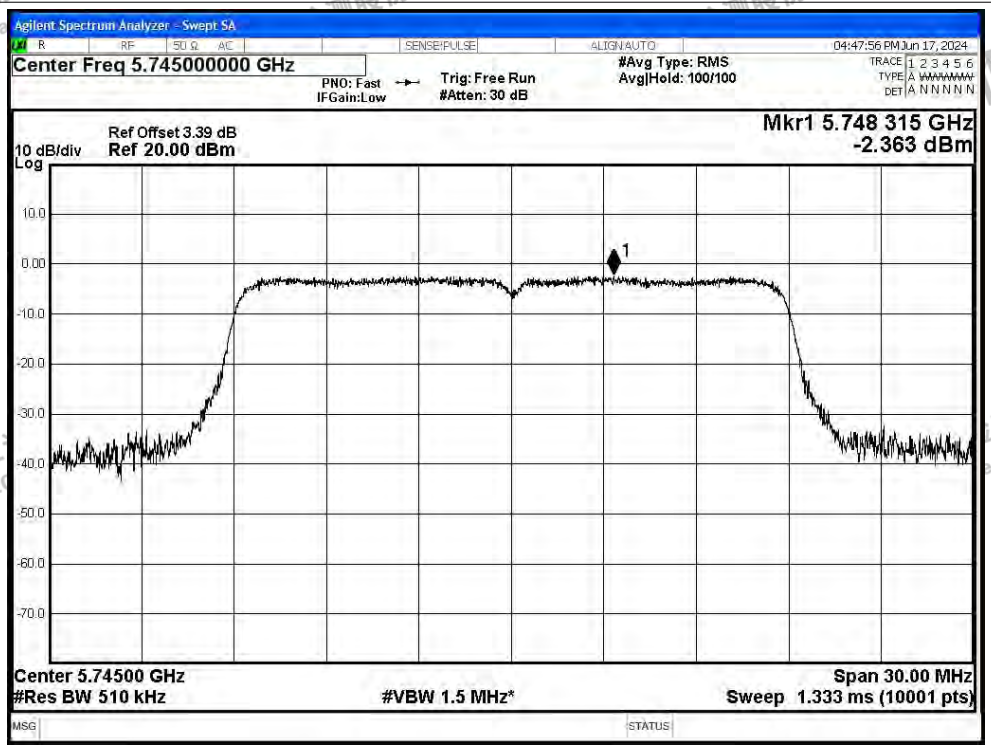
PSD NVNT a 5785MHz Ant3



PSD NVNT a 5825MHz Ant3



PSD NVNT n20 5745MHz Ant3



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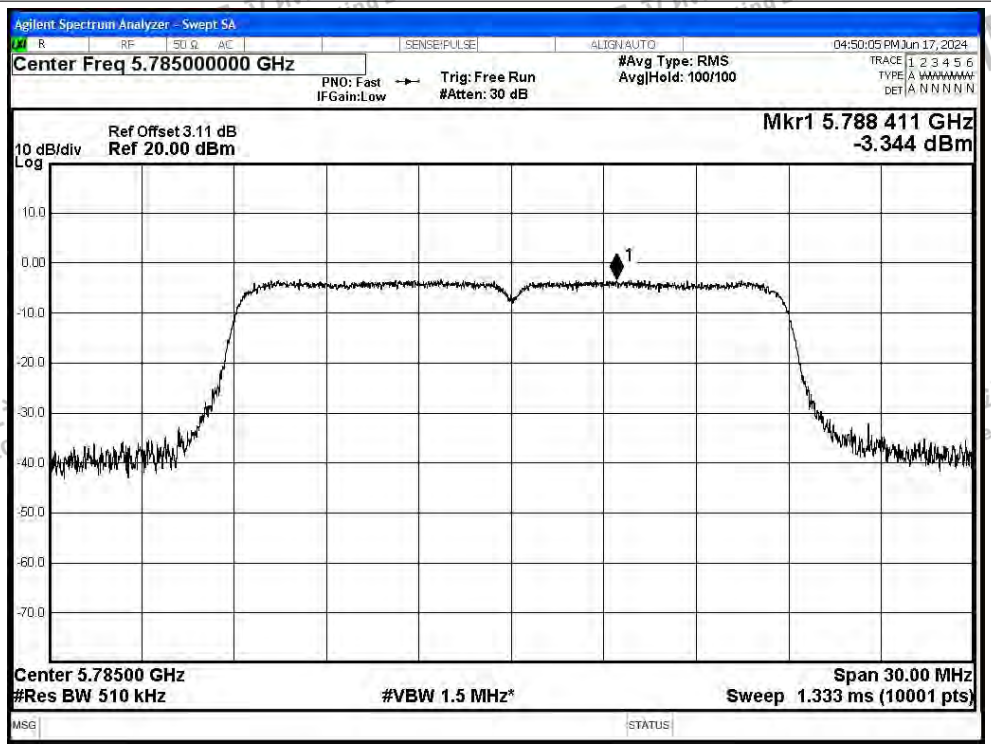
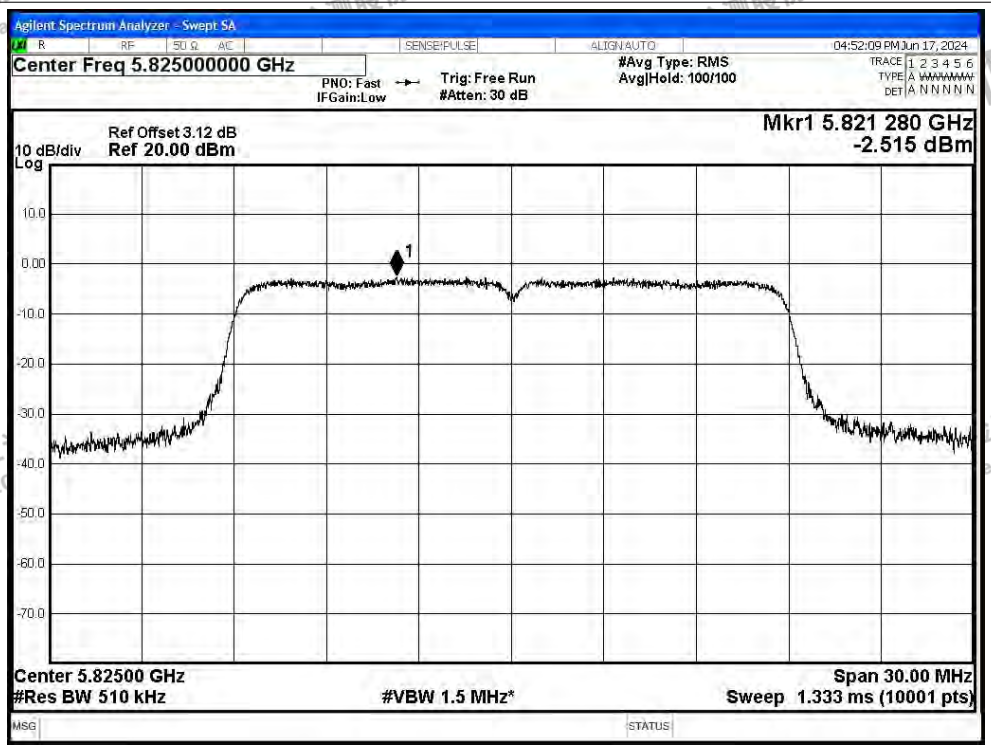
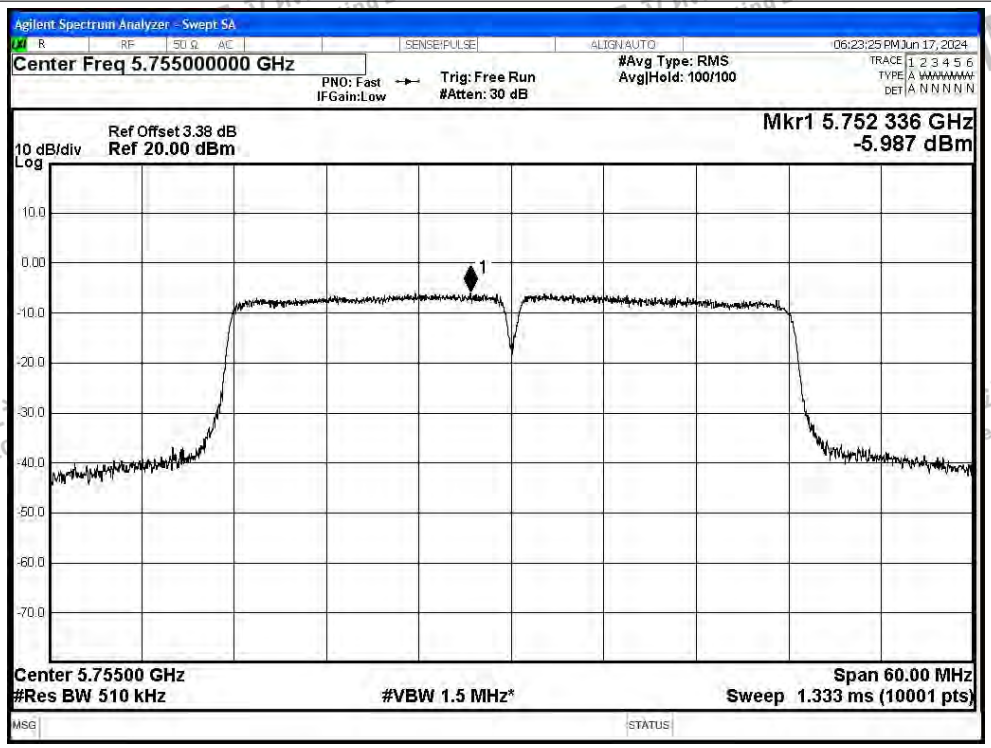


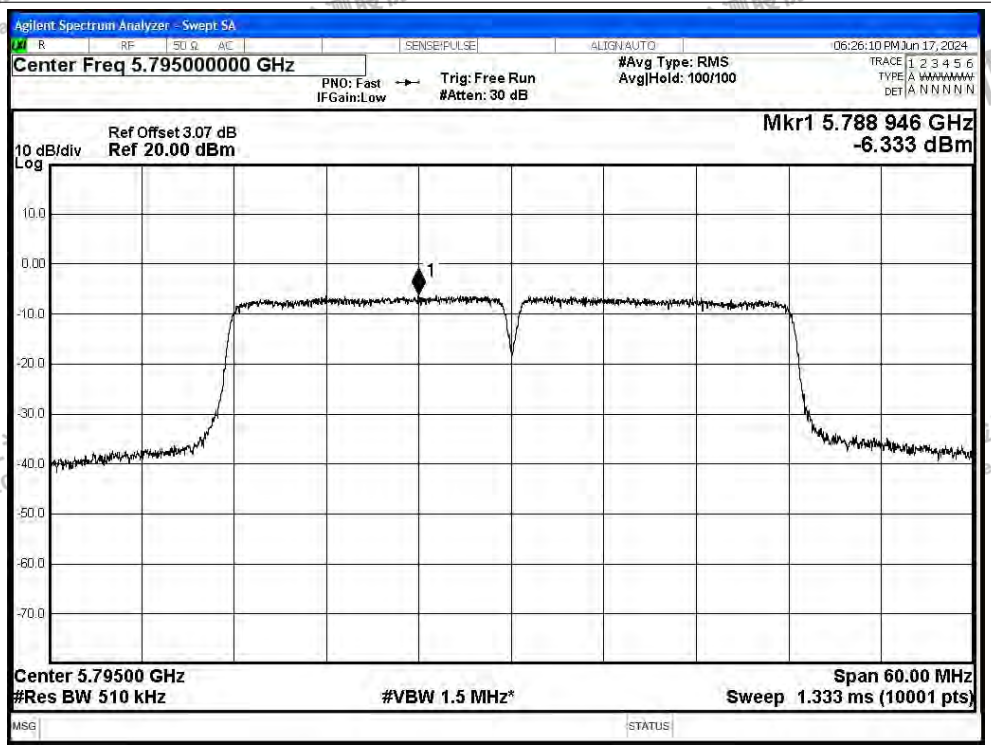
PSD NVNT n20 5825MHz Ant3



PSD NVNT n40 5755MHz Ant3



PSD NVNT n40 5795MHz Ant3



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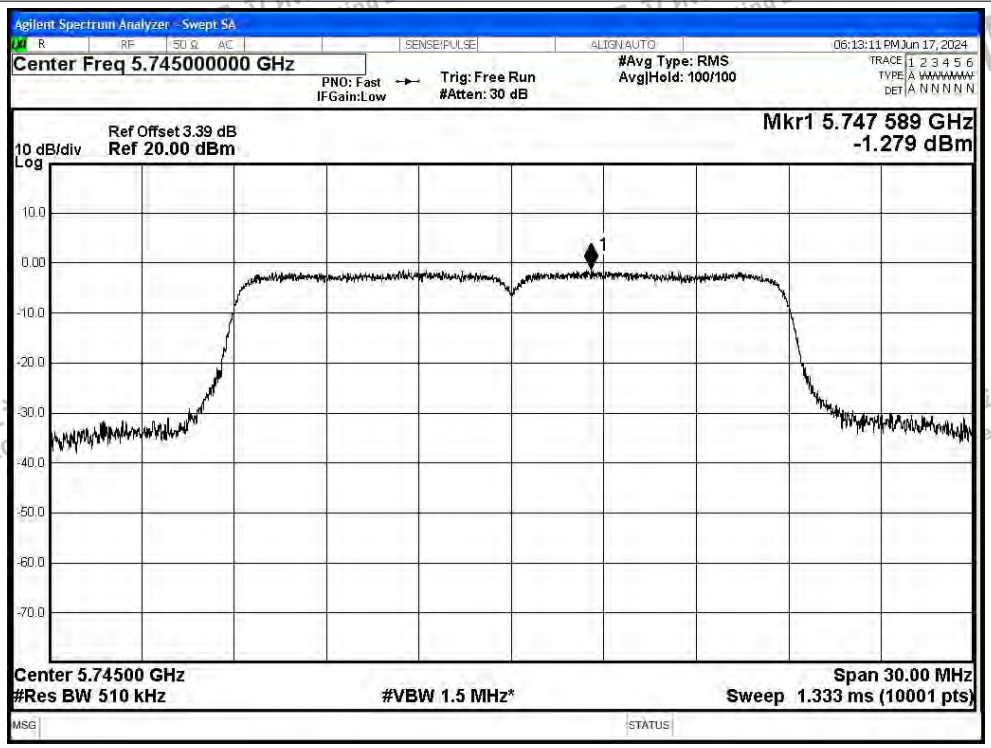

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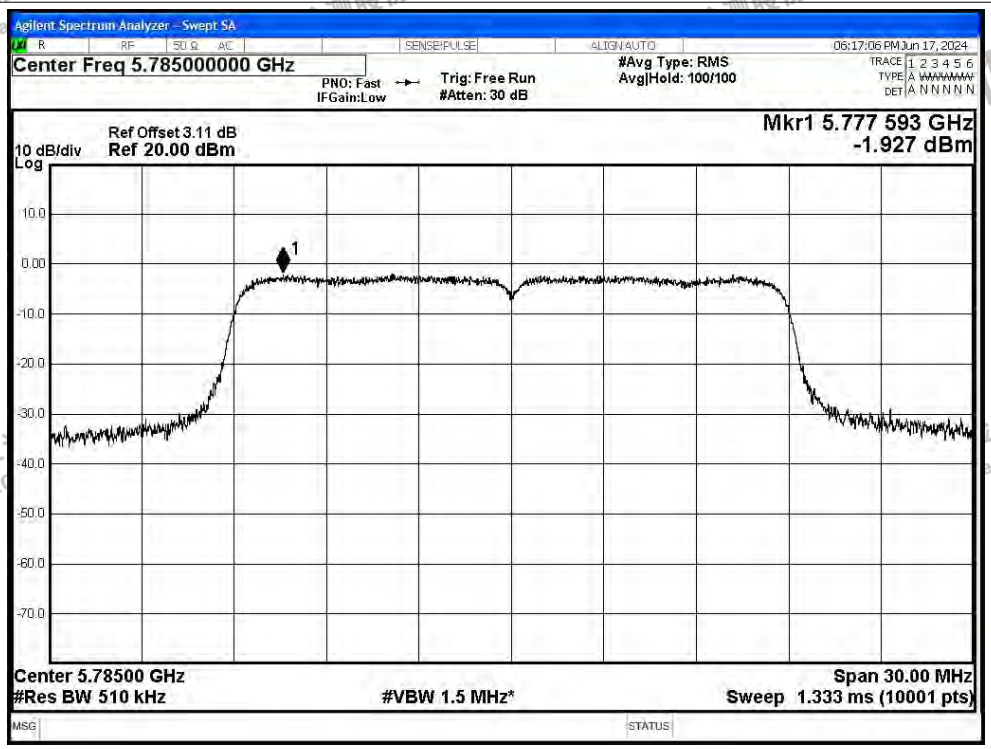

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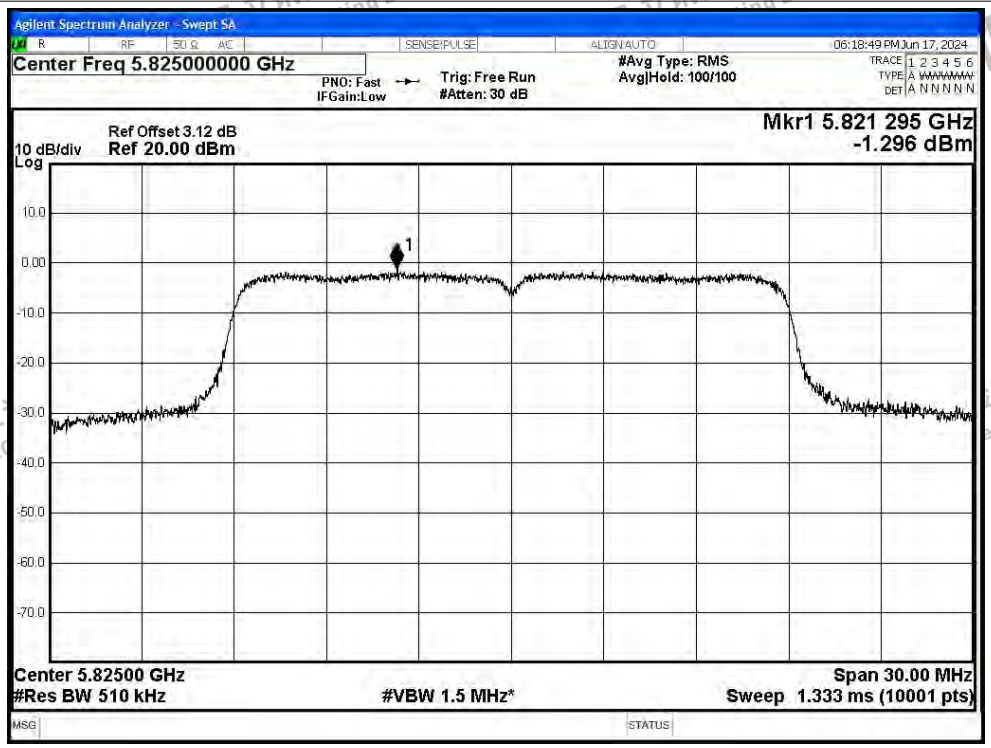
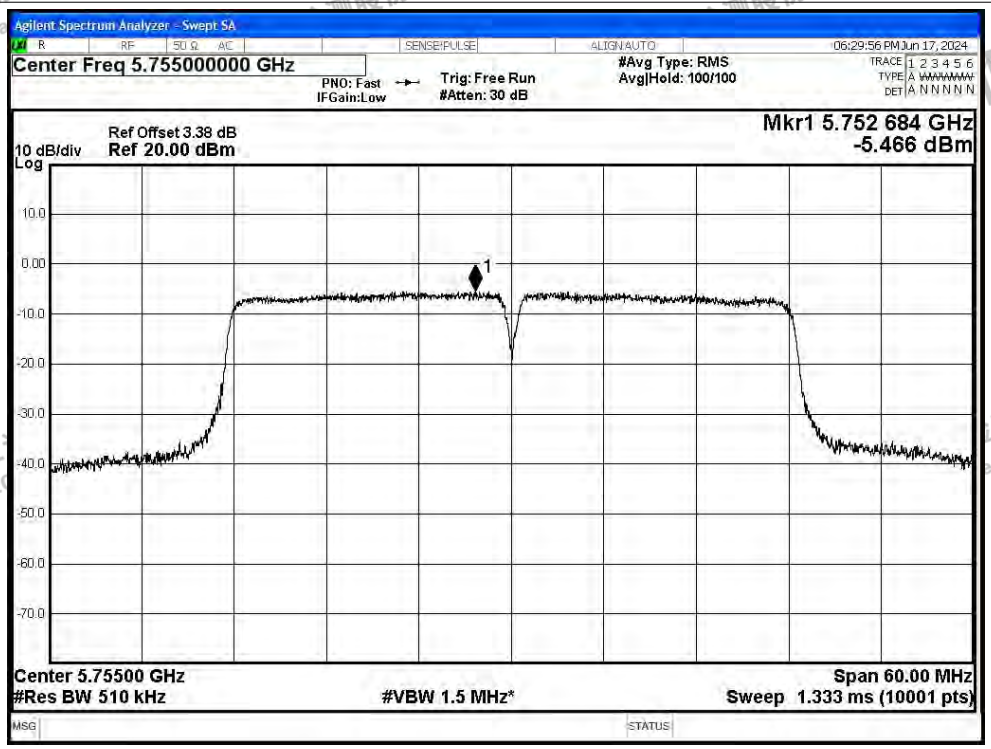
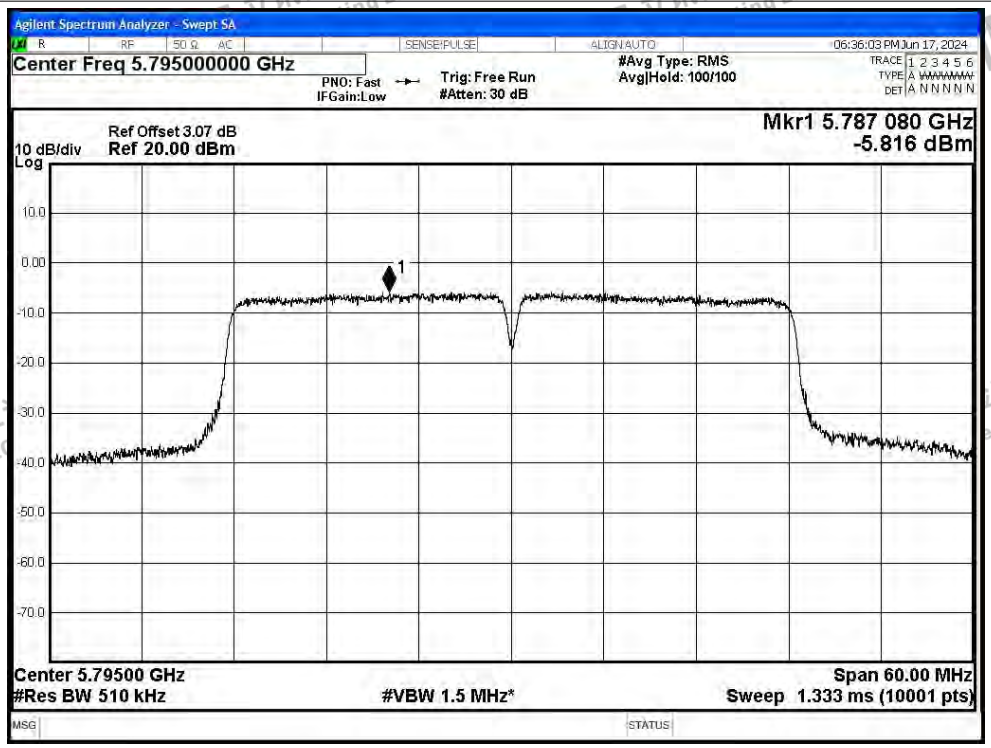


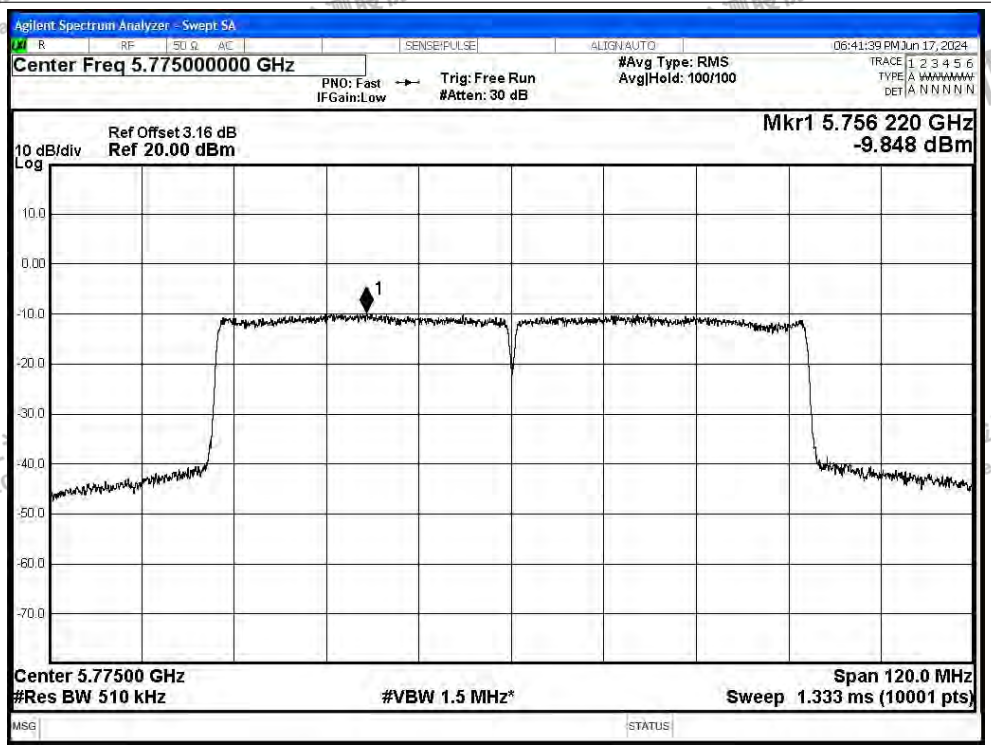
PSD NVNT ac40 5755MHz Ant3



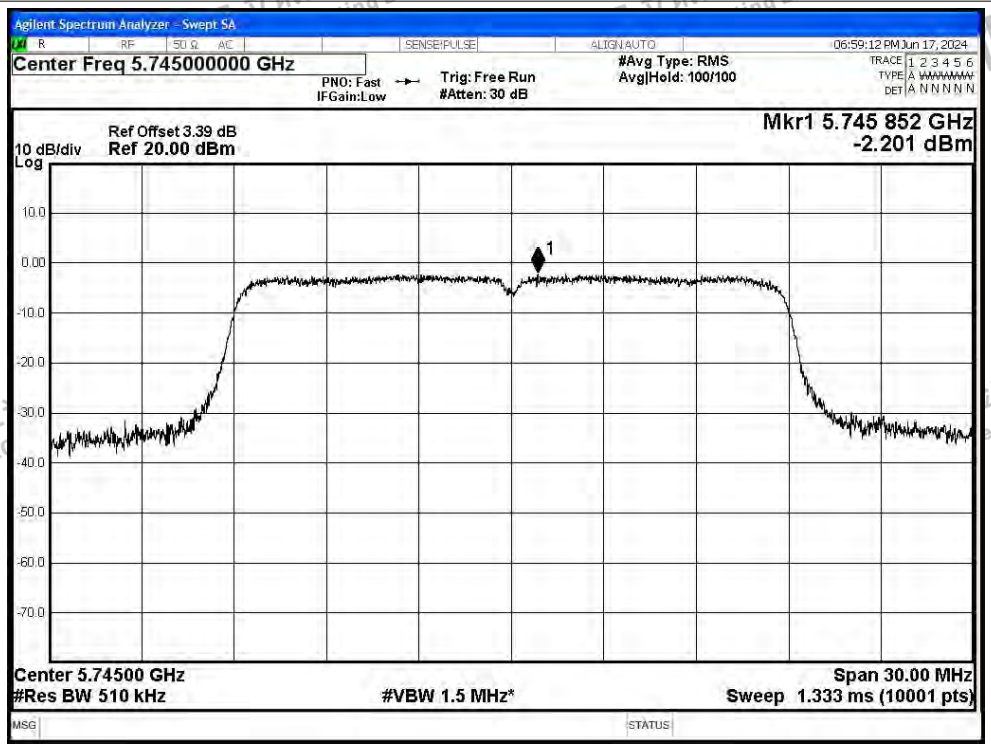
PSD NVNT ac40 5795MHz Ant3



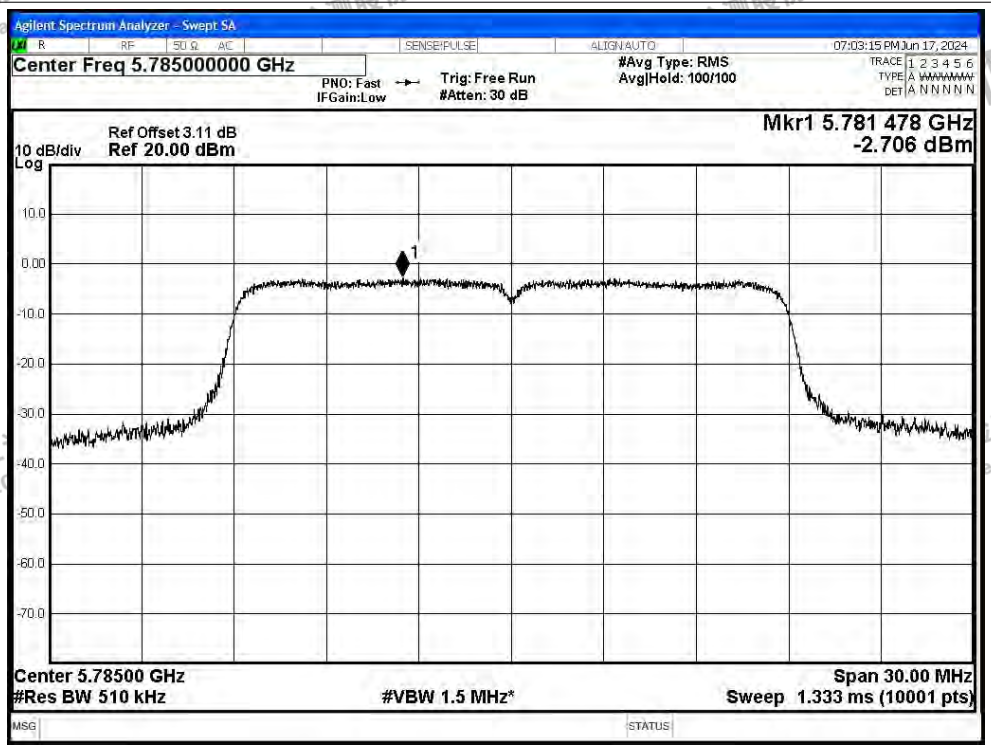
PSD NVNT ac80 5775MHz Ant3



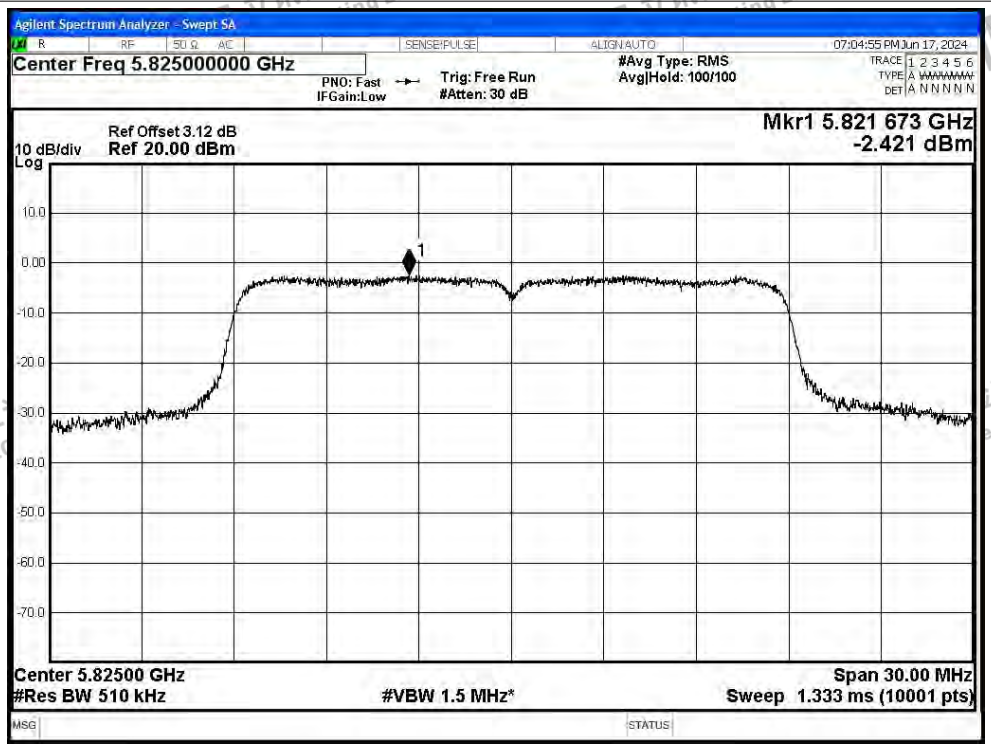
PSD NVNT ax20 5745MHz Ant3



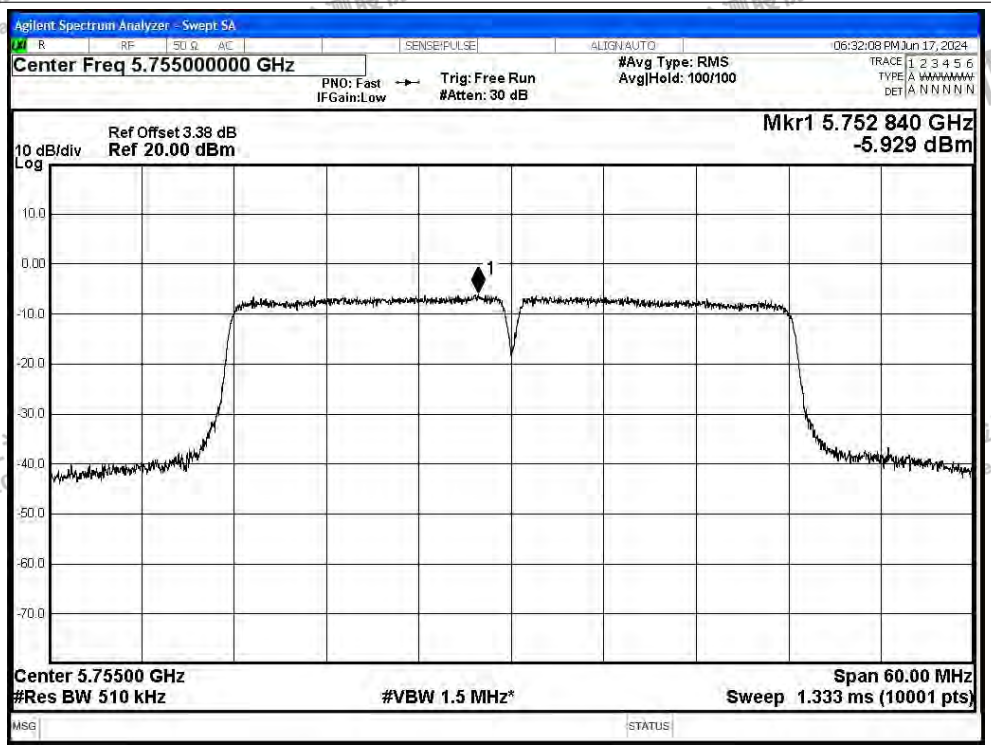
PSD NVNT ax20 5785MHz Ant3



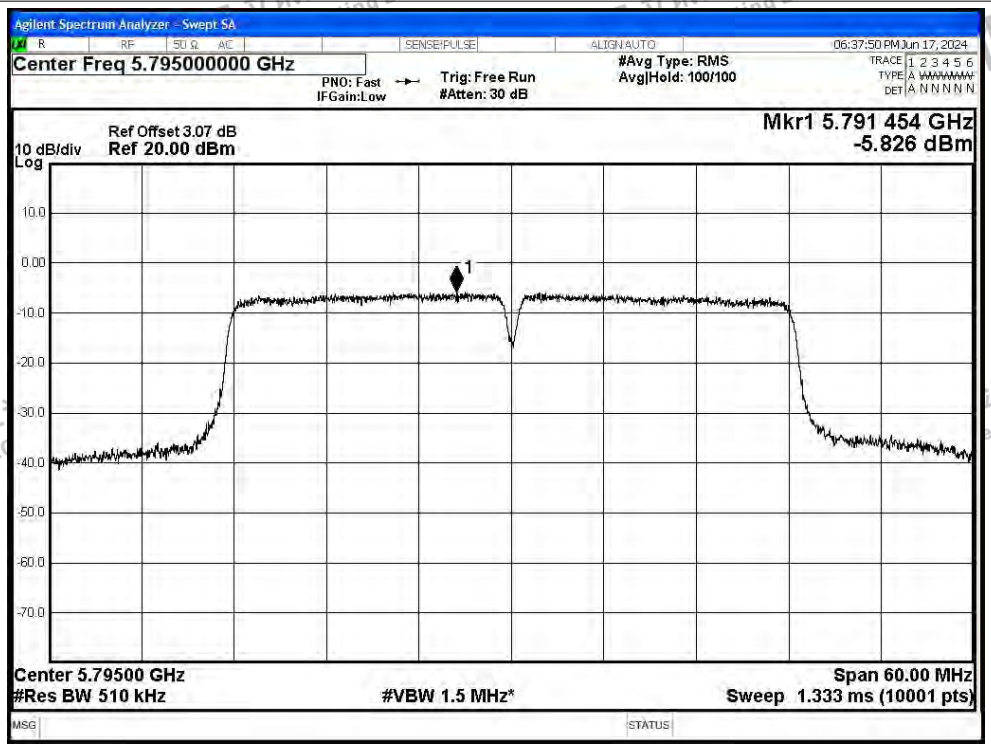
PSD NVNT ax20 5825MHz Ant3



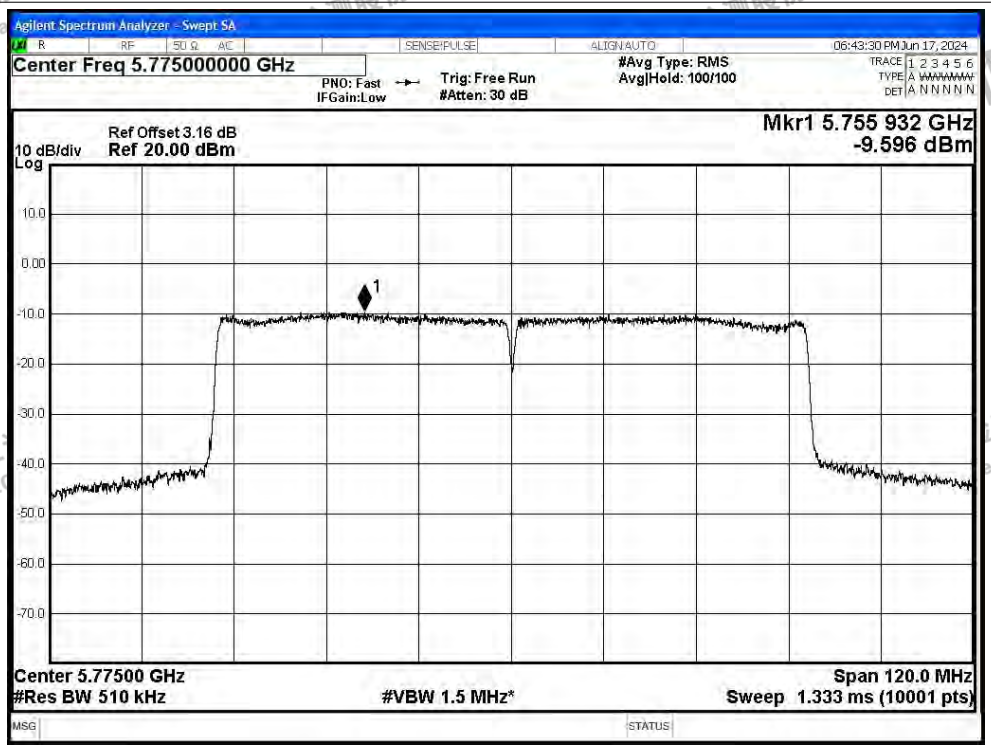
PSD NVNT ax40 5755MHz Ant3



PSD NVNT ax40 5795MHz Ant3

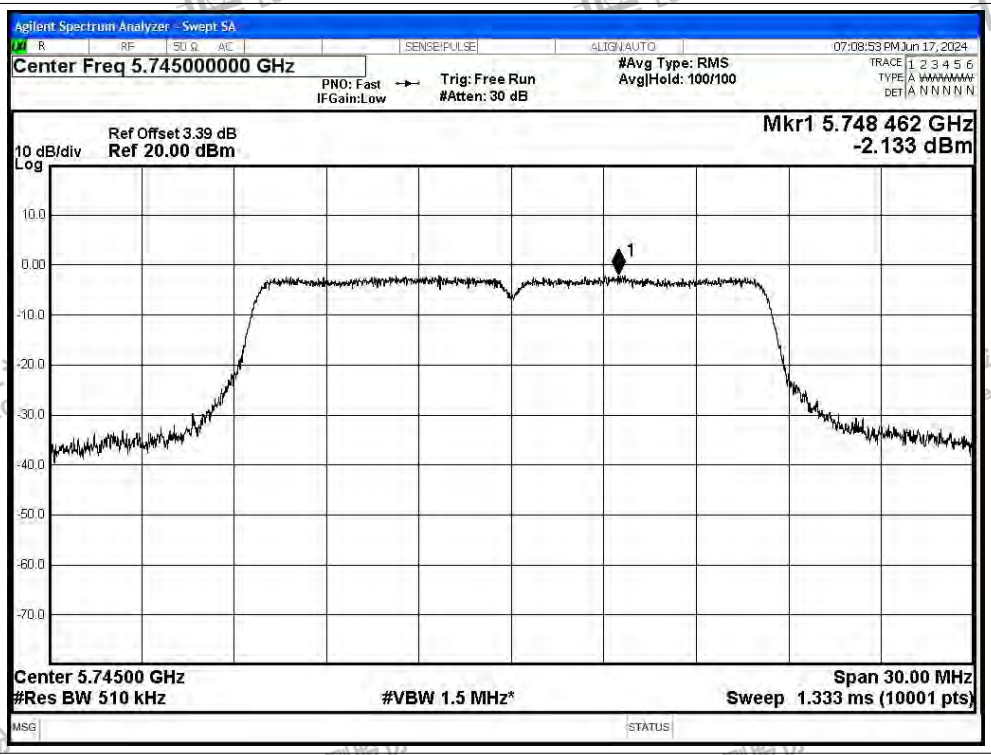


PSD NVNT ax80 5775MHz Ant3

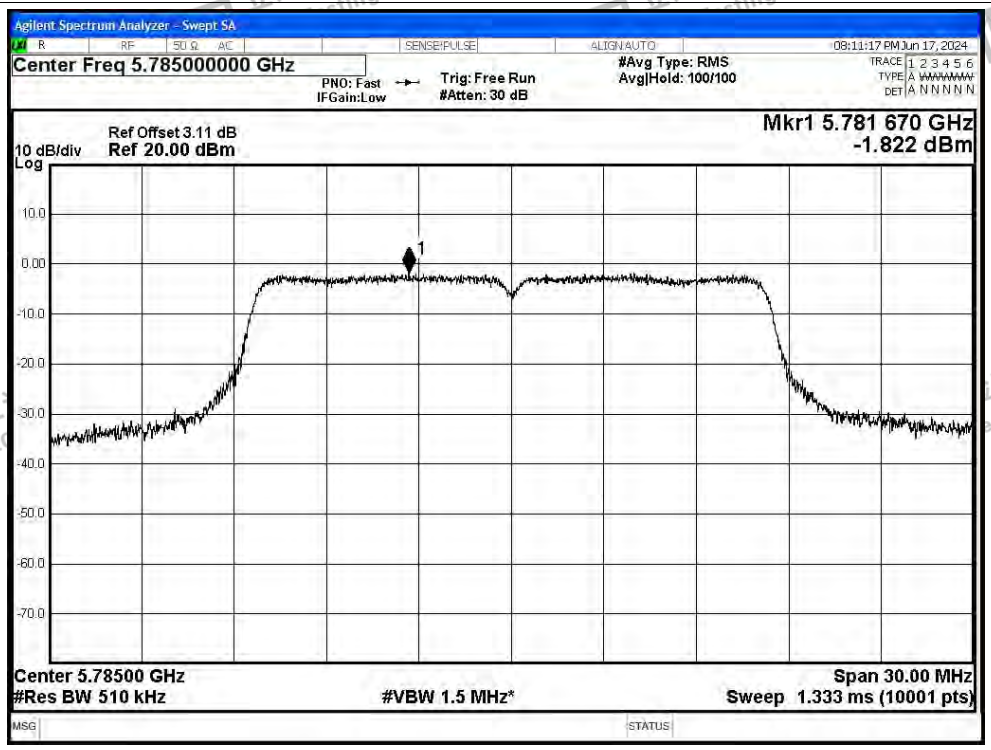


Test Graphs

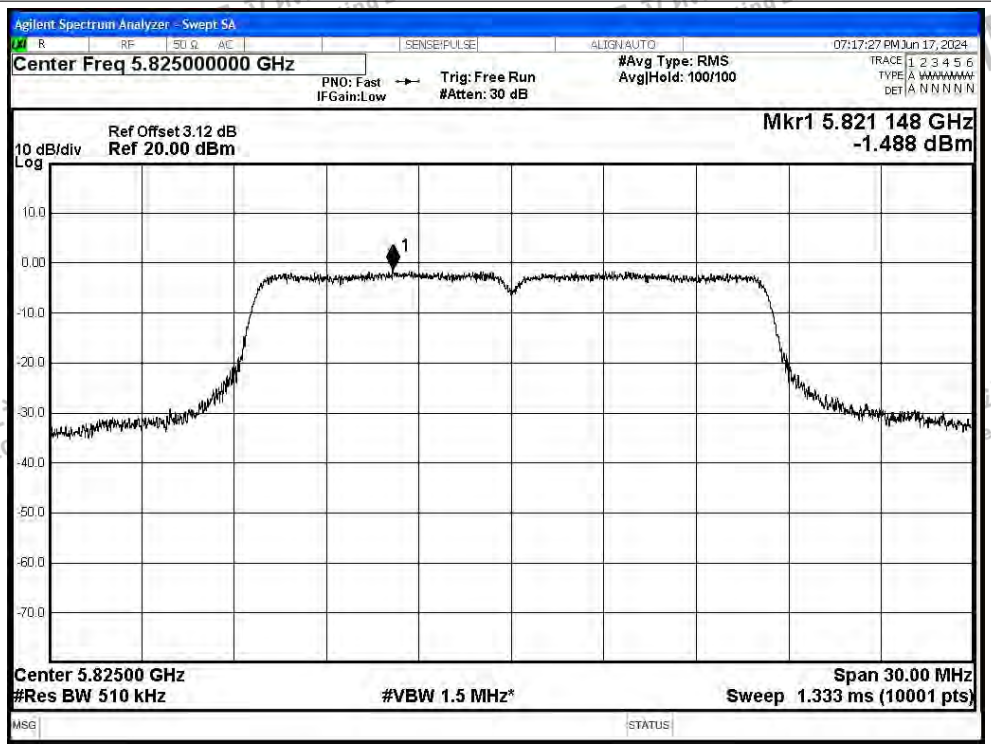
PSD NVNT a 5745MHz Ant4



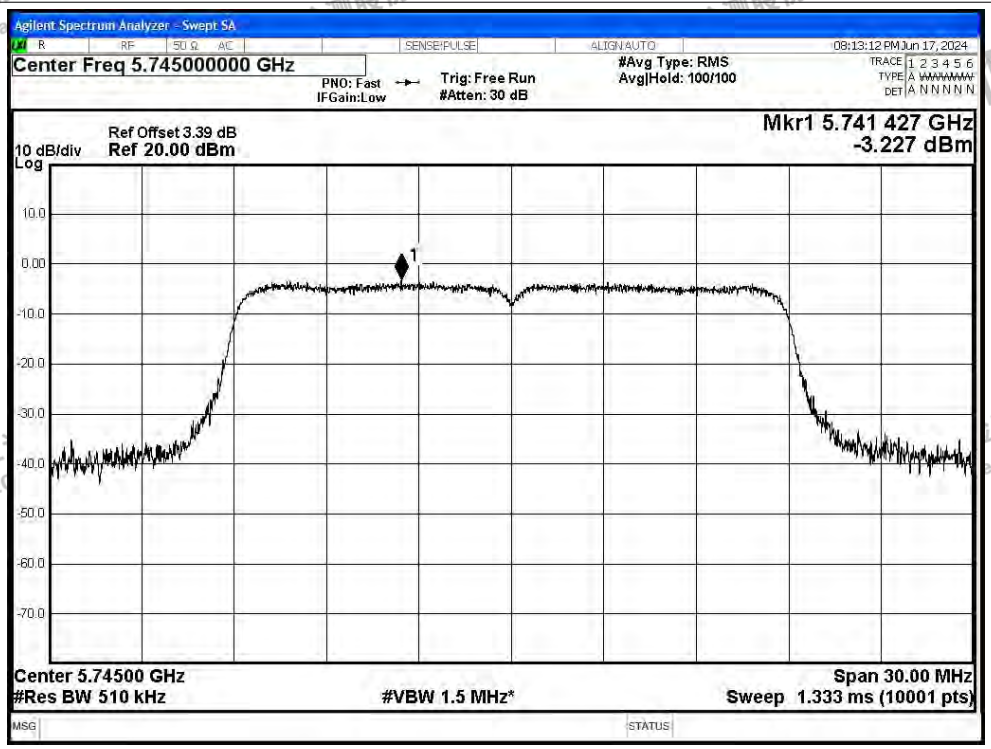
PSD NVNT a 5785MHz Ant4



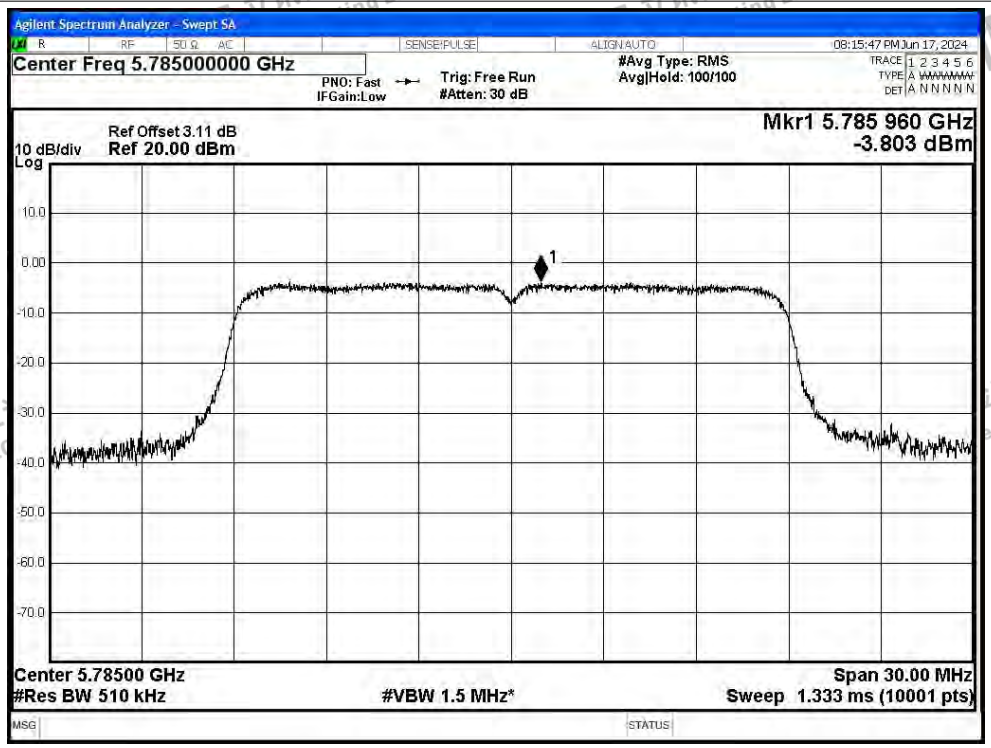
PSD NVNT a 5825MHz Ant4



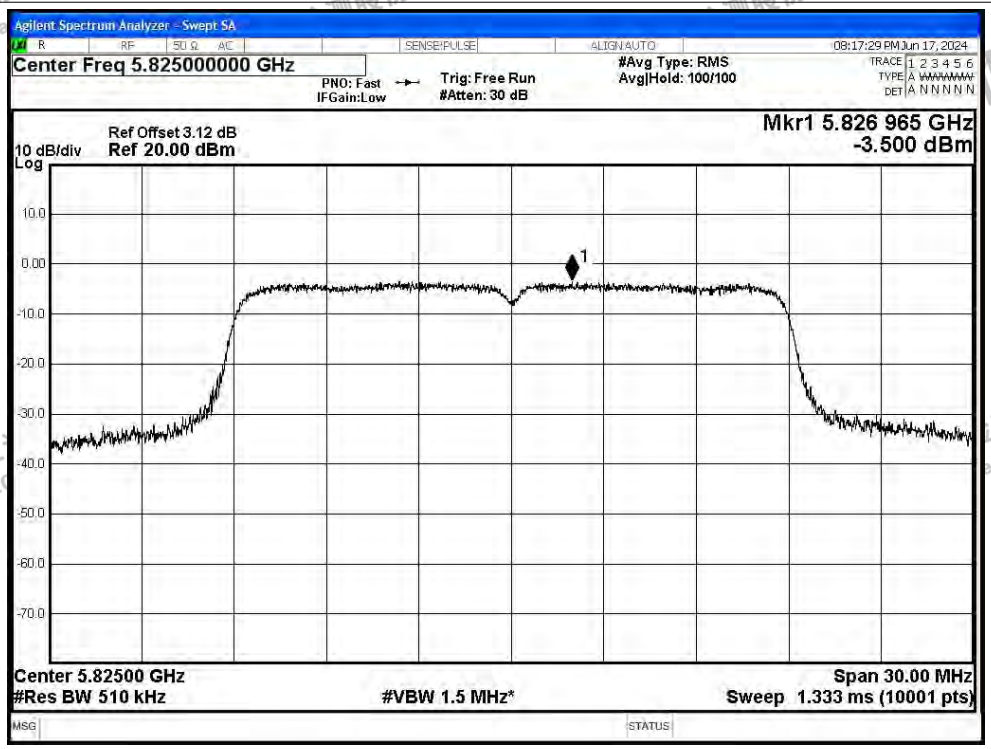
PSD NVNT n20 5745MHz Ant4



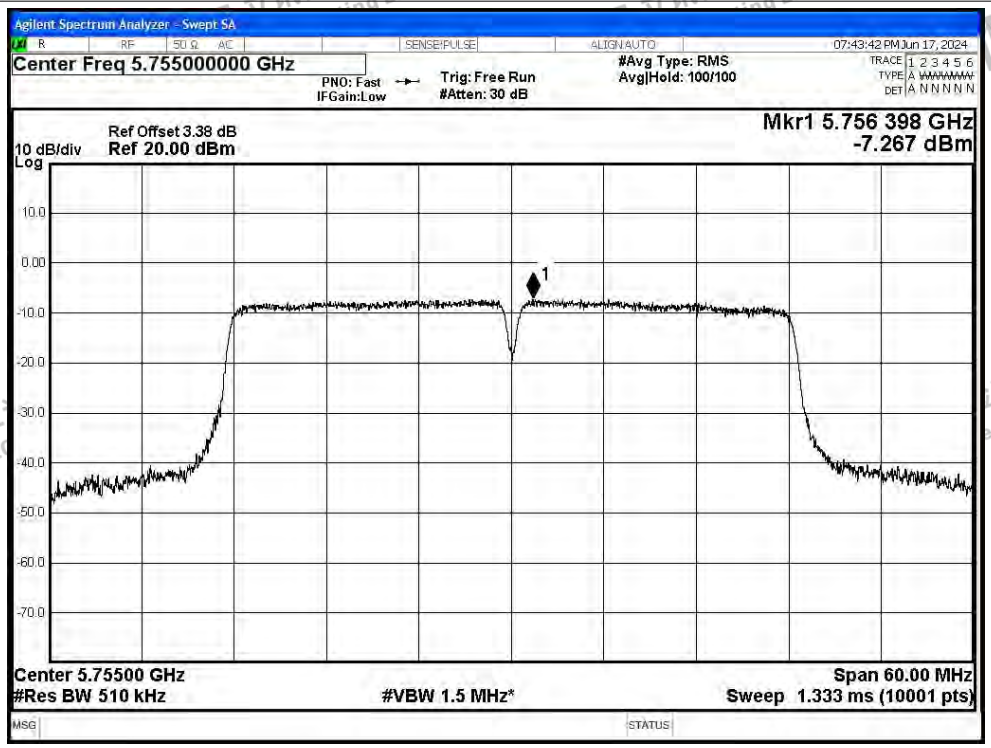
PSD NVNT n20 5785MHz Ant4



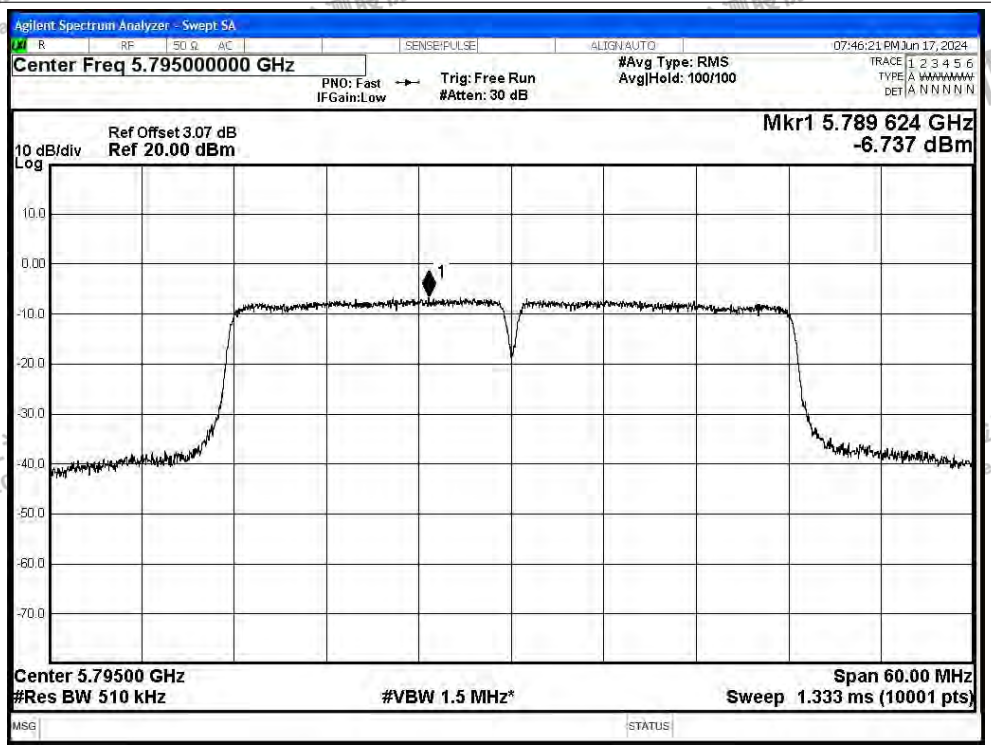
PSD NVNT n20 5825MHz Ant4



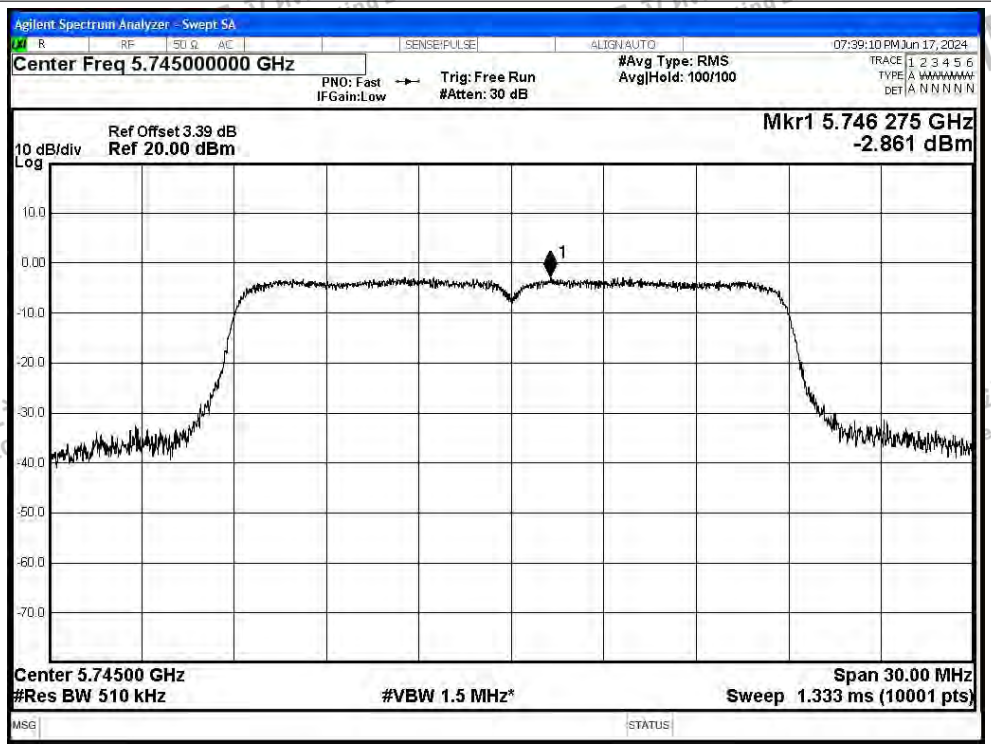
PSD NVNT n40 5755MHz Ant4



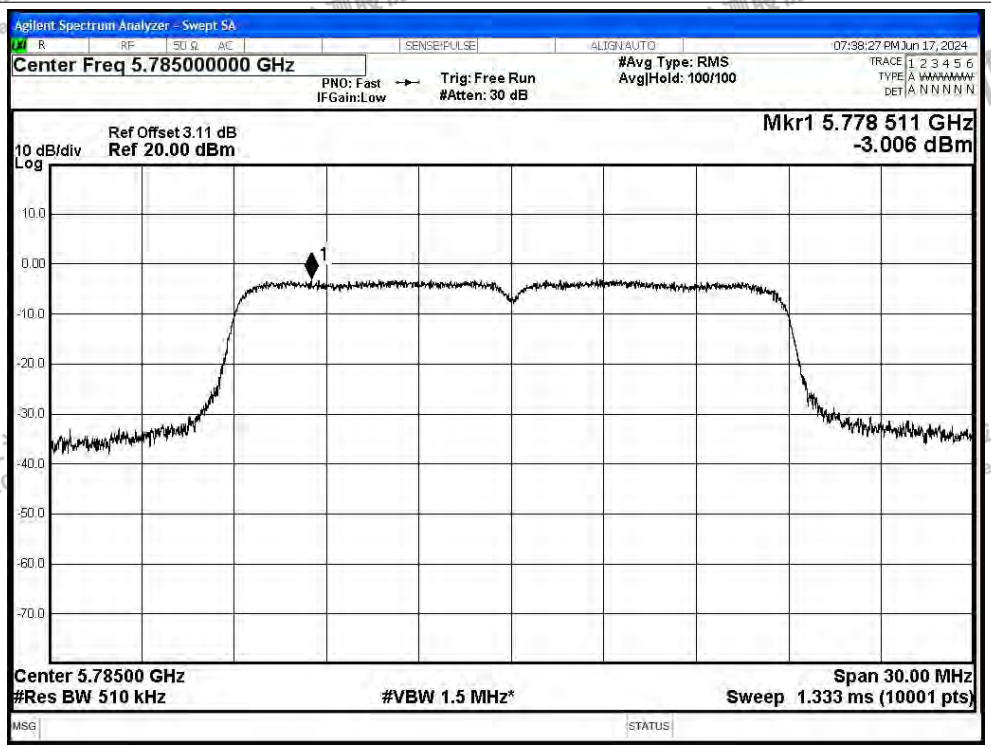
PSD NVNT n40 5795MHz Ant4



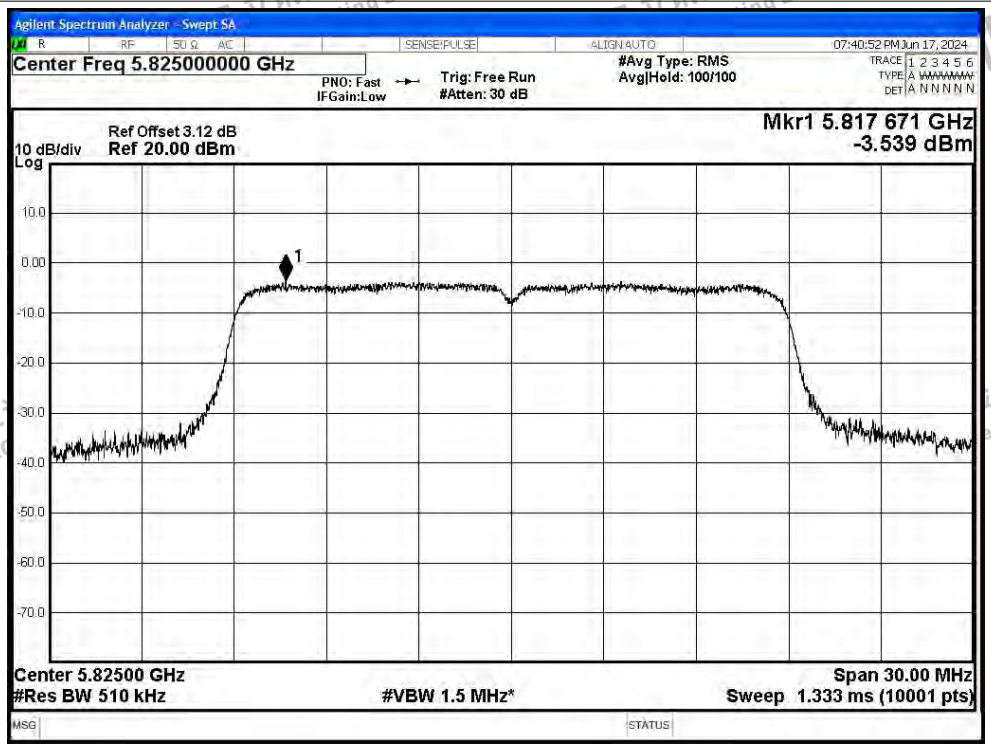
PSD NVNT ac20 5745MHz Ant4



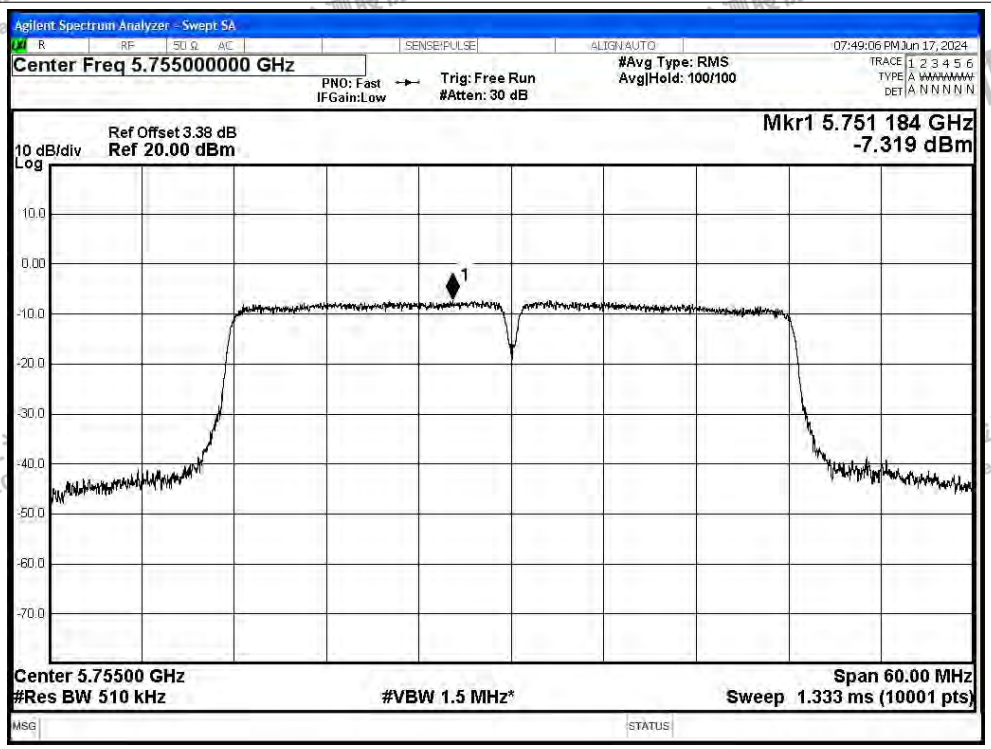
PSD NVNT ac20 5785MHz Ant4



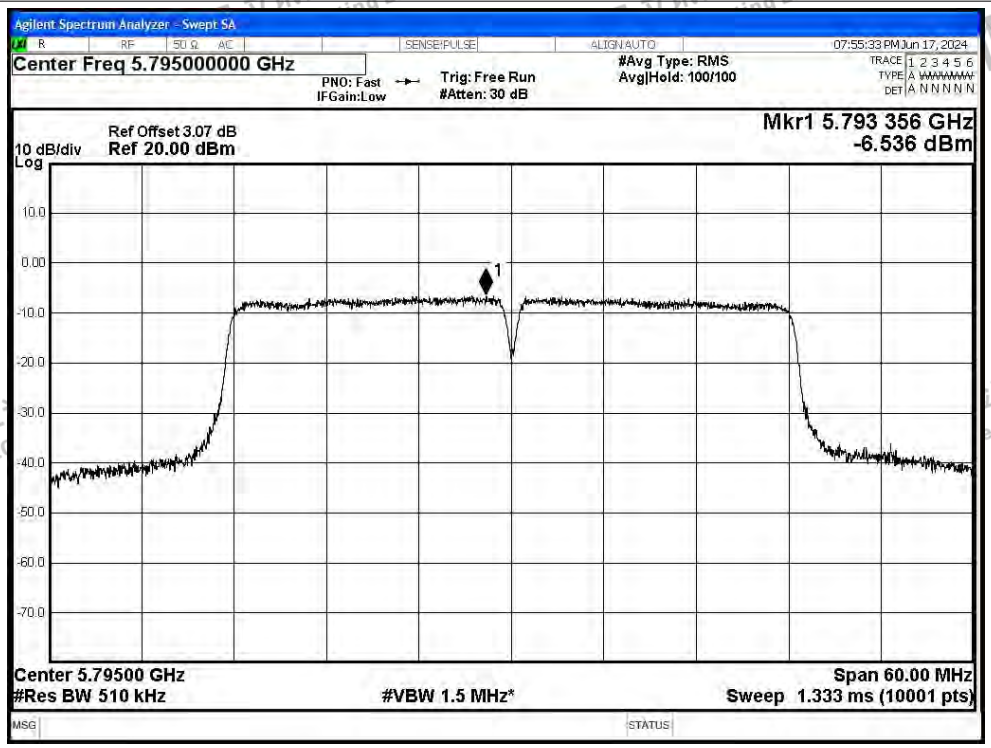
PSD NVNT ac20 5825MHz Ant4



PSD NVNT ac40 5755MHz Ant4



PSD NVNT ac40 5795MHz Ant4



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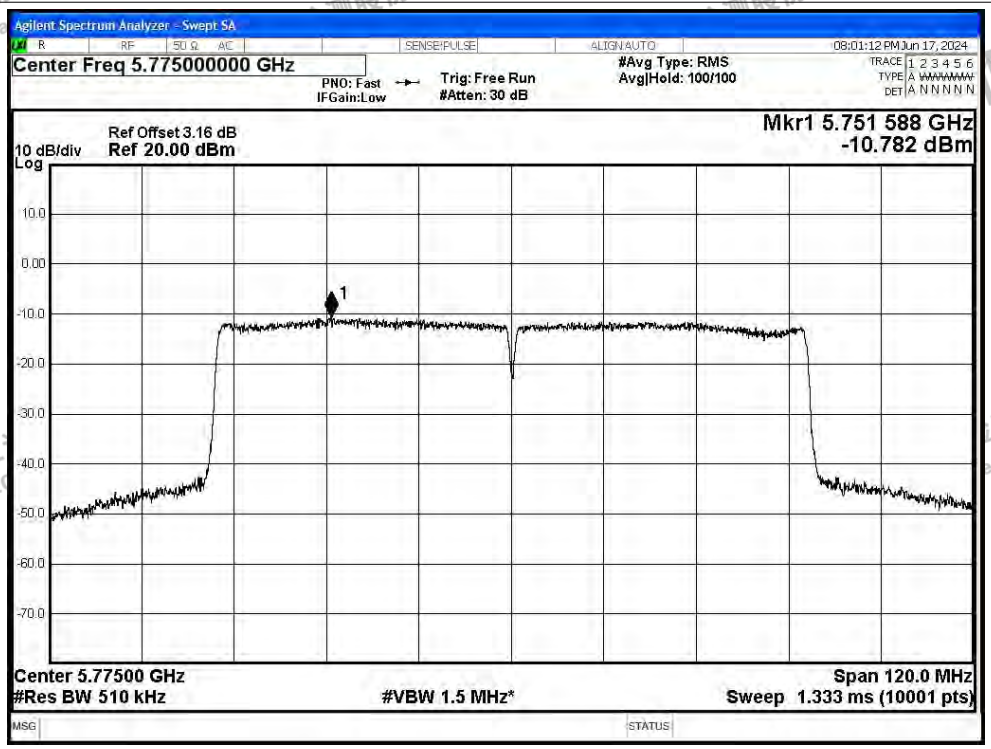
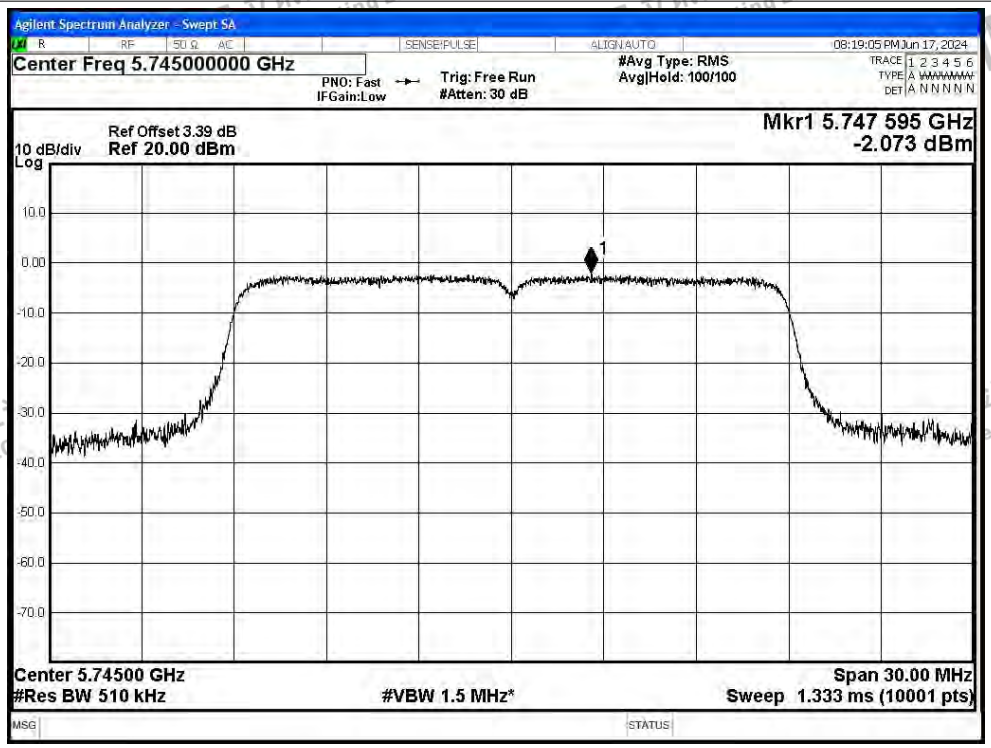
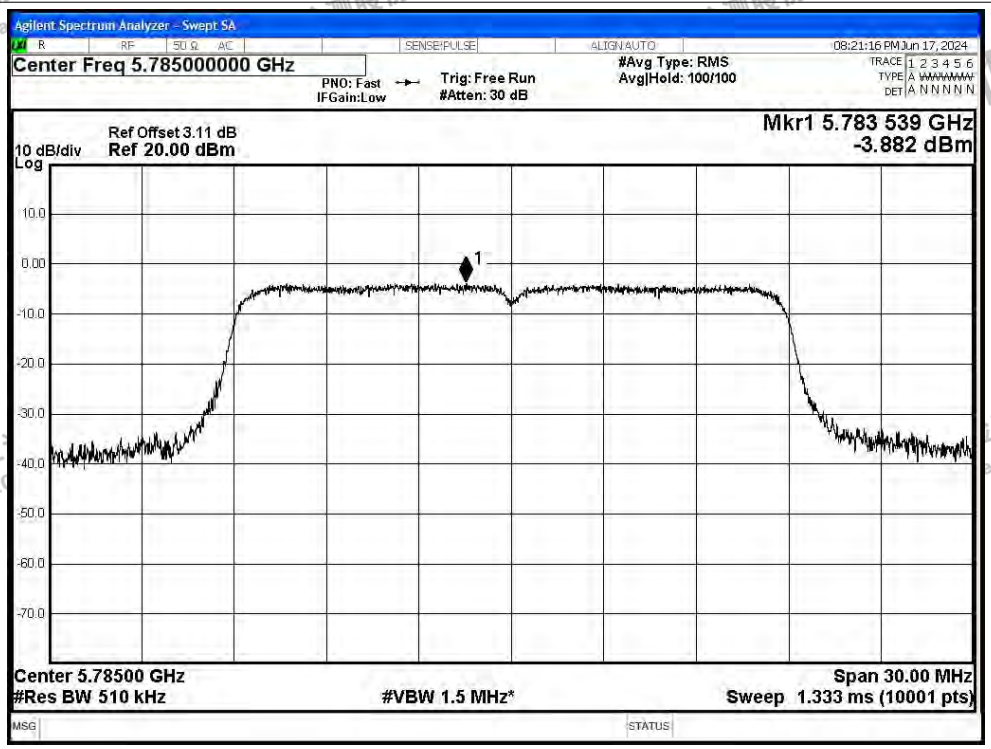


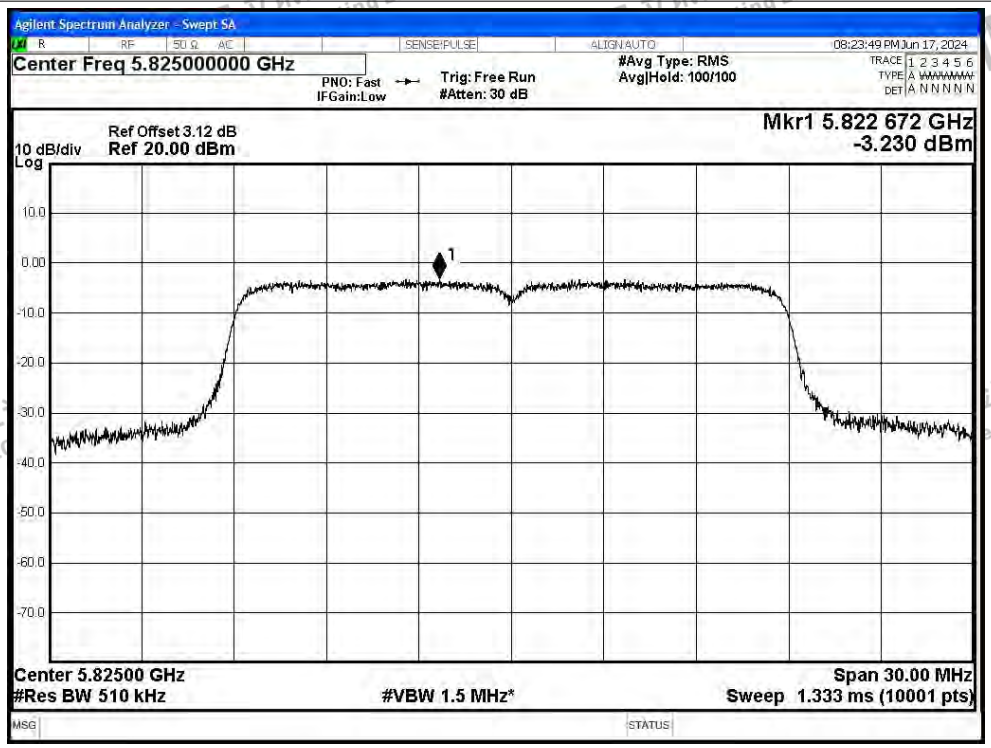
PSD NVNT ax20 5745MHz Ant4



PSD NVNT ax20 5785MHz Ant4



PSD NVNT ax20 5825MHz Ant4



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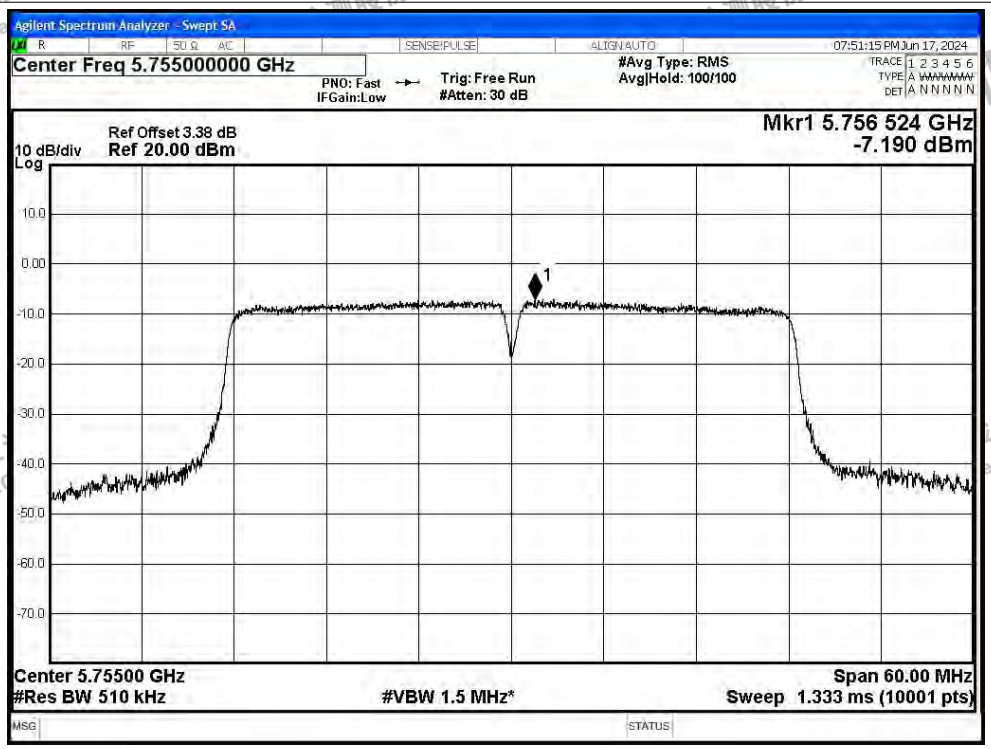

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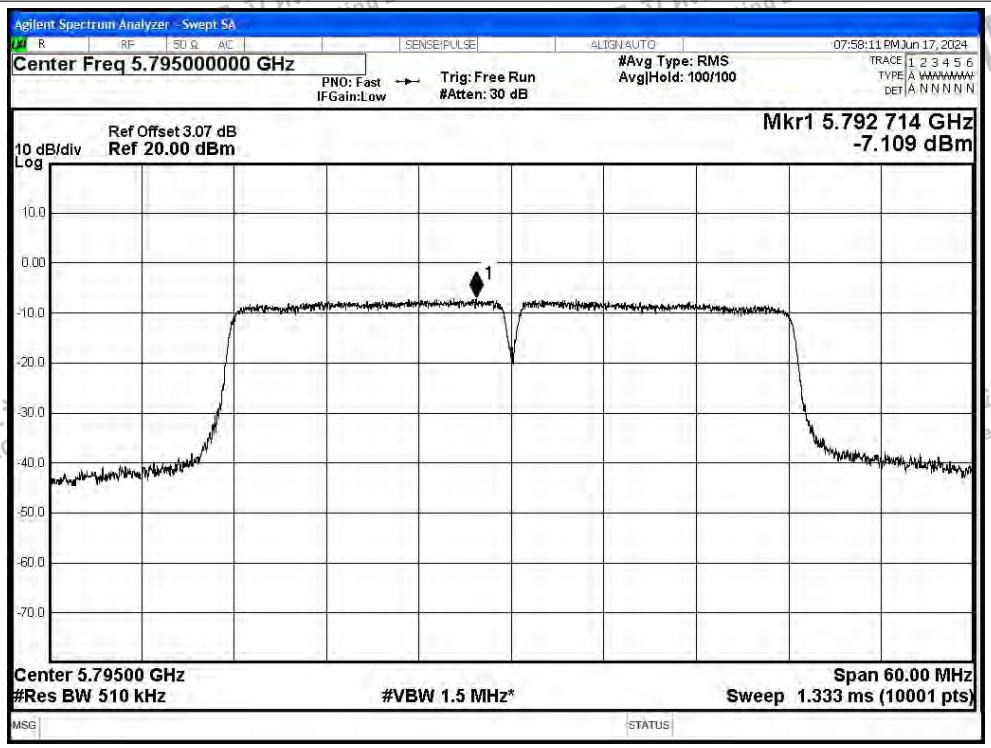

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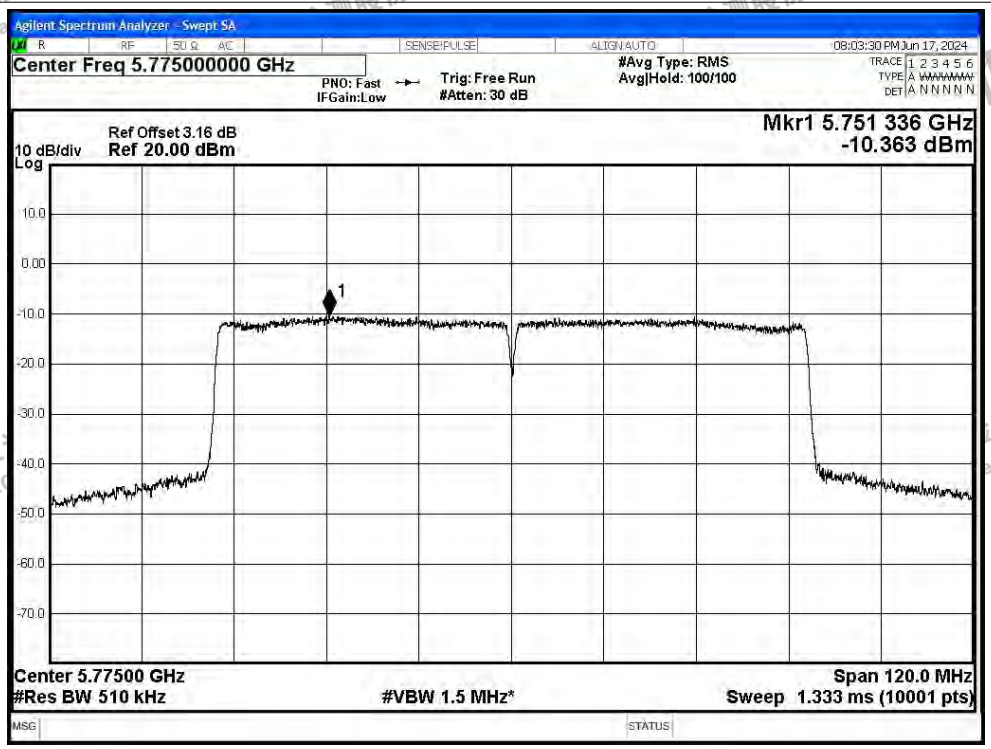


G.4 Restrict Band

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	Ant2	5650	-50.87	3.59	-	-49.42	Peak	-27	Pass
NVNT	a	5745	Ant2	5650	-57.7	3.59	0.24	-32.49	Average	-27	Pass
NVNT	a	5745	Ant2	5700	-49.49	3.59	-	-47.49	Peak	10	Pass
NVNT	a	5745	Ant2	5700	-56.49	3.59	0.24	-46.45	Average	10	Pass
NVNT	a	5745	Ant2	5720	-36.57	3.59	-	-53.70	Peak	15.6	Pass
NVNT	a	5745	Ant2	5720	-49.57	3.59	0.24	-45.53	Average	15.6	Pass
NVNT	a	5745	Ant2	5725	-31.01	3.59	-	-54.47	Peak	27	Pass
NVNT	a	5745	Ant2	5725	-45.33	3.59	0.24	-38.93	Average	27	Pass
NVNT	a	5825	Ant2	5850	-38.11	3.59	-	-49.86	Peak	27	Pass
NVNT	a	5825	Ant2	5850	-51.76	3.59	0.24	-29.40	Average	27	Pass
NVNT	a	5825	Ant2	5855	-40.39	3.59	-	-45.32	Peak	15.6	Pass
NVNT	a	5825	Ant2	5855	-54.37	3.59	0.24	-39.52	Average	15.6	Pass
NVNT	a	5825	Ant2	5875	-49.85	3.59	-	-51.37	Peak	10	Pass
NVNT	a	5825	Ant2	5875	-57.54	3.59	0.24	-42.82	Average	10	Pass
NVNT	a	5825	Ant2	5925	-49.36	3.59	-	-53.03	Peak	-27	Pass
NVNT	a	5825	Ant2	5925	-57.91	3.59	0.24	-48.10	Average	-27	Pass
NVNT	n20	5745	Ant2	5650	-50.19	3.59	-	-54.11	Peak	-27	Pass
NVNT	n20	5745	Ant2	5650	-57.77	3.59	0.28	-46.50	Average	-27	Pass
NVNT	n20	5745	Ant2	5700	-50.42	3.59	-	-54.41	Peak	10	Pass
NVNT	n20	5745	Ant2	5700	-57.68	3.59	0.28	-44.75	Average	10	Pass
NVNT	n20	5745	Ant2	5720	-41.35	3.59	-	-54.21	Peak	15.6	Pass
NVNT	n20	5745	Ant2	5720	-54.11	3.59	0.28	-46.21	Average	15.6	Pass
NVNT	n20	5745	Ant2	5725	-34.81	3.59	-	-53.96	Peak	27	Pass
NVNT	n20	5745	Ant2	5725	-49.92	3.59	0.28	-34.40	Average	27	Pass
NVNT	n20	5825	Ant2	5850	-43.78	3.59	-	-48.87	Peak	27	Pass
NVNT	n20	5825	Ant2	5850	-55.18	3.59	0.28	-32.64	Average	27	Pass
NVNT	n20	5825	Ant2	5855	-47.58	3.59	-	-45.92	Peak	15.6	Pass
NVNT	n20	5825	Ant2	5855	-56.72	3.59	0.28	-48.13	Average	15.6	Pass
NVNT	n20	5825	Ant2	5875	-51.38	3.59	-	-54.15	Peak	10	Pass
NVNT	n20	5825	Ant2	5875	-58.18	3.59	0.28	-47.38	Average	10	Pass
NVNT	n20	5825	Ant2	5925	-50.58	3.59	-	-54.37	Peak	-27	Pass
NVNT	n20	5825	Ant2	5925	-57.3	3.59	0.28	-46.14	Average	-27	Pass
NVNT	n40	5755	Ant2	5650	-50.57	3.59	-	-54.54	Peak	-27	Pass
NVNT	n40	5755	Ant2	5650	-58.12	3.59	0.24	-46.69	Average	-27	Pass
NVNT	n40	5755	Ant2	5700	-50.49	3.59	-	-53.88	Peak	10	Pass
NVNT	n40	5755	Ant2	5700	-57.32	3.59	0.24	-47.09	Average	10	Pass

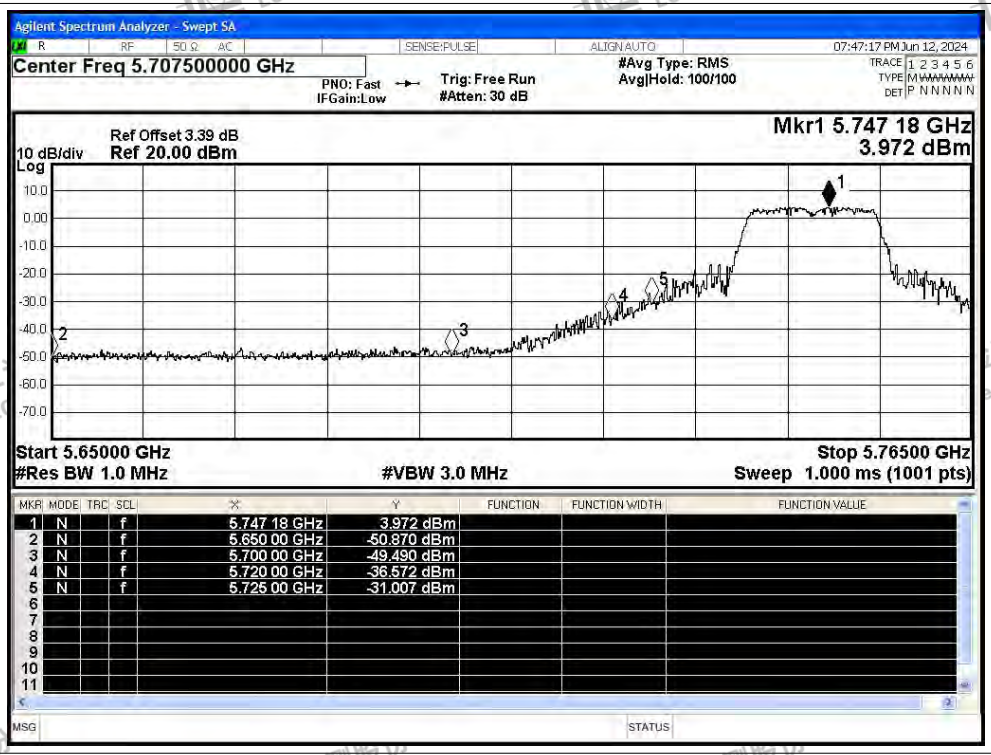
NVNT	n40	5755	Ant2	5720	-38.56	3.59	-	-53.31	Peak	15.6	Pass
NVNT	n40	5755	Ant2	5720	-52.48	3.59	0.24	-45.48	Average	15.6	Pass
NVNT	n40	5755	Ant2	5725	-32.44	3.59	-	-53.77	Peak	27	Pass
NVNT	n40	5755	Ant2	5725	-49.3	3.59	0.24	-46.44	Average	27	Pass
NVNT	n40	5795	Ant2	5850	-49.35	3.59	-	-54.06	Peak	27	Pass
NVNT	n40	5795	Ant2	5850	-58.57	3.59	0.45	-46.69	Average	27	Pass
NVNT	n40	5795	Ant2	5855	-49.22	3.59	-	-53.37	Peak	15.6	Pass
NVNT	n40	5795	Ant2	5855	-58.5	3.59	0.45	-45.85	Average	15.6	Pass
NVNT	n40	5795	Ant2	5875	-48.93	3.59	-	-54.06	Peak	10	Pass
NVNT	n40	5795	Ant2	5875	-57.95	3.59	0.45	-46.02	Average	10	Pass
NVNT	n40	5795	Ant2	5925	-47.99	3.59	-	-53.56	Peak	-27	Pass
NVNT	n40	5795	Ant2	5925	-57.55	3.59	0.45	-40.23	Average	-27	Pass
NVNT	ac20	5745	Ant2	5650	-50.29	3.59	-	-48.69	Peak	-27	Pass
NVNT	ac20	5745	Ant2	5650	-58.03	3.59	0.28	-33.82	Average	-27	Pass
NVNT	ac20	5745	Ant2	5700	-49.54	3.59	-	-47.90	Peak	10	Pass
NVNT	ac20	5745	Ant2	5700	-57.32	3.59	0.28	-49.42	Average	10	Pass
NVNT	ac20	5745	Ant2	5720	-42.26	3.59	-	-32.49	Peak	15.6	Pass
NVNT	ac20	5745	Ant2	5720	-54.15	3.59	0.28	-47.49	Average	15.6	Pass
NVNT	ac20	5745	Ant2	5725	-35.5	3.59	-	-46.45	Peak	27	Pass
NVNT	ac20	5745	Ant2	5725	-47.93	3.59	0.28	-53.70	Average	27	Pass
NVNT	ac20	5825	Ant2	5850	-43.94	3.59	-	-45.53	Peak	27	Pass
NVNT	ac20	5825	Ant2	5850	-54.75	3.59	0.28	-54.47	Average	27	Pass
NVNT	ac20	5825	Ant2	5855	-46.26	3.59	-	-38.93	Peak	15.6	Pass
NVNT	ac20	5825	Ant2	5855	-57.03	3.59	0.28	-49.86	Average	15.6	Pass
NVNT	ac20	5825	Ant2	5875	-48.87	3.59	-	-29.40	Peak	10	Pass
NVNT	ac20	5825	Ant2	5875	-57.97	3.59	0.28	-45.32	Average	10	Pass
NVNT	ac20	5825	Ant2	5925	-49.11	3.59	-	-39.52	Peak	-27	Pass
NVNT	ac20	5825	Ant2	5925	-57.73	3.59	0.28	-51.37	Average	-27	Pass
NVNT	ac40	5755	Ant2	5650	-50.33	3.59	-	-42.82	Peak	-27	Pass
NVNT	ac40	5755	Ant2	5650	-57.86	3.59	0.45	-53.03	Average	-27	Pass
NVNT	ac40	5755	Ant2	5700	-50.18	3.59	-	-48.10	Peak	10	Pass
NVNT	ac40	5755	Ant2	5700	-57.62	3.59	0.45	-54.11	Average	10	Pass
NVNT	ac40	5755	Ant2	5720	-42.4	3.59	-	-46.50	Peak	15.6	Pass
NVNT	ac40	5755	Ant2	5720	-52.77	3.59	0.45	-54.41	Average	15.6	Pass
NVNT	ac40	5755	Ant2	5725	-36.67	3.59	-	-44.75	Peak	27	Pass
NVNT	ac40	5755	Ant2	5725	-49.91	3.59	0.45	-54.21	Average	27	Pass
NVNT	ac40	5795	Ant2	5850	-50.82	3.59	-	-46.21	Peak	27	Pass
NVNT	ac40	5795	Ant2	5850	-58.33	3.59	0.24	-53.96	Average	27	Pass
NVNT	ac40	5795	Ant2	5855	-51.16	3.59	-	-34.40	Peak	15.6	Pass
NVNT	ac40	5795	Ant2	5855	-58.35	3.59	0.24	-48.87	Average	15.6	Pass
NVNT	ac40	5795	Ant2	5875	-50.22	3.59	-	-32.64	Peak	10	Pass

NVNT	ac40	5795	Ant2	5875	-58.18	3.59	0.24	-45.92	Average	10	Pass
NVNT	ac40	5795	Ant2	5925	-50.84	3.59	-	-48.13	Peak	-27	Pass
NVNT	ac40	5795	Ant2	5925	-57.82	3.59	0.24	-54.15	Average	-27	Pass
NVNT	ac80	5775	Ant2	5850	-49.19	3.59	-	-47.38	Peak	27	Pass
NVNT	ac80	5775	Ant2	5850	-57.46	3.59	0.47	-54.37	Average	27	Pass
NVNT	ac80	5775	Ant2	5855	-47.28	3.59	-	-46.14	Peak	15.6	Pass
NVNT	ac80	5775	Ant2	5855	-57.41	3.59	0.47	-54.54	Average	15.6	Pass
NVNT	ac80	5775	Ant2	5875	-49.74	3.59	-	-46.69	Peak	10	Pass
NVNT	ac80	5775	Ant2	5875	-57.14	3.59	0.47	-53.88	Average	10	Pass
NVNT	ac80	5775	Ant2	5925	-49.85	3.59	-	-47.09	Peak	-27	Pass
NVNT	ac80	5775	Ant2	5925	-57.24	3.59	0.47	-53.31	Average	-27	Pass
NVNT	ac80	5775	Ant2	5650	-51.43	3.59	-	-45.48	Peak	-27	Pass
NVNT	ac80	5775	Ant2	5650	-57.63	3.59	0.47	-53.77	Average	-27	Pass
NVNT	ac80	5775	Ant2	5700	-49.45	3.59	-	-46.44	Peak	10	Pass
NVNT	ac80	5775	Ant2	5700	-57.29	3.59	0.47	-54.06	Average	10	Pass
NVNT	ac80	5775	Ant2	5720	-40.33	3.59	-	-46.69	Peak	15.6	Pass
NVNT	ac80	5775	Ant2	5720	-53.48	3.59	0.47	-53.37	Average	15.6	Pass
NVNT	ac80	5775	Ant2	5725	-36.08	3.59	-	-45.85	Peak	27	Pass
NVNT	ac80	5775	Ant2	5725	-51.55	3.59	0.47	-54.06	Average	27	Pass
NVNT	ax20	5745	Ant2	5650	-50.04	3.59	-	-46.02	Peak	-27	Pass
NVNT	ax20	5745	Ant2	5650	-57.57	3.59	0.28	-53.56	Average	-27	Pass
NVNT	ax20	5745	Ant2	5700	-49.12	3.59	-	-40.23	Peak	10	Pass
NVNT	ax20	5745	Ant2	5700	-58.34	3.59	0.28	-48.69	Average	10	Pass
NVNT	ax20	5745	Ant2	5720	-42.52	3.59	-	-33.82	Peak	15.6	Pass
NVNT	ax20	5745	Ant2	5720	-53.73	3.59	0.28	-47.90	Average	15.6	Pass
NVNT	ax20	5745	Ant2	5725	-32.99	3.59	-	-49.42	Peak	27	Pass
NVNT	ax20	5745	Ant2	5725	-49.19	3.59	0.28	-32.49	Average	27	Pass
NVNT	ax20	5825	Ant2	5850	-43.11	3.59	-	-47.49	Peak	27	Pass
NVNT	ax20	5825	Ant2	5850	-55.19	3.59	0.23	-46.45	Average	27	Pass
NVNT	ax20	5825	Ant2	5855	-46.41	3.59	-	-53.70	Peak	15.6	Pass
NVNT	ax20	5825	Ant2	5855	-56.85	3.59	0.23	-45.53	Average	15.6	Pass
NVNT	ax20	5825	Ant2	5875	-51.69	3.59	-	-54.47	Peak	10	Pass
NVNT	ax20	5825	Ant2	5875	-57.93	3.59	0.23	-38.93	Average	10	Pass
NVNT	ax20	5825	Ant2	5925	-50.09	3.59	-	-49.86	Peak	-27	Pass
NVNT	ax20	5825	Ant2	5925	-58.23	3.59	0.23	-29.40	Average	-27	Pass
NVNT	ax40	5755	Ant2	5650	-48.34	3.59	-	-45.32	Peak	-27	Pass
NVNT	ax40	5755	Ant2	5650	-58.03	3.59	0.23	-39.52	Average	-27	Pass
NVNT	ax40	5755	Ant2	5700	-49.8	3.59	-	-51.37	Peak	10	Pass
NVNT	ax40	5755	Ant2	5700	-57.78	3.59	0.23	-42.82	Average	10	Pass
NVNT	ax40	5755	Ant2	5720	-37.99	3.59	-	-53.03	Peak	15.6	Pass
NVNT	ax40	5755	Ant2	5720	-52.69	3.59	0.23	-48.10	Average	15.6	Pass

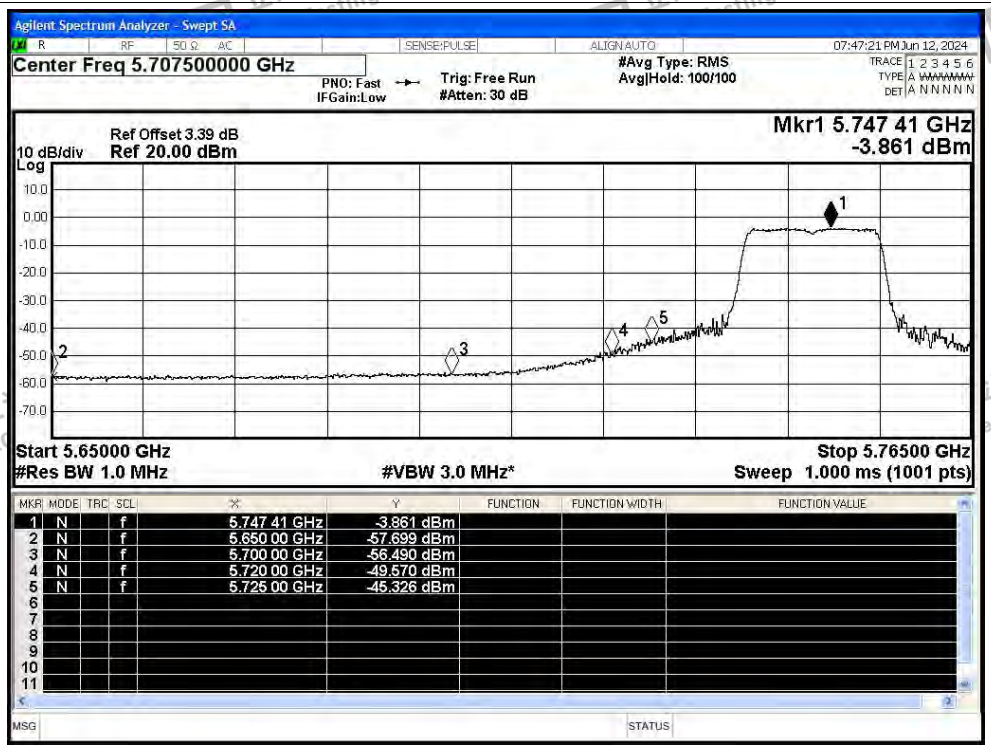
NVNT	ax40	5755	Ant2	5725	-36.23	3.59	-	-54.11	Peak	27	Pass
NVNT	ax40	5755	Ant2	5725	-49.74	3.59	0.23	-46.50	Average	27	Pass
NVNT	ax40	5795	Ant2	5850	-51.72	3.59	-	-54.41	Peak	27	Pass
NVNT	ax40	5795	Ant2	5850	-58.18	3.59	0.44	-44.75	Average	27	Pass
NVNT	ax40	5795	Ant2	5855	-50.97	3.59	-	-54.21	Peak	15.6	Pass
NVNT	ax40	5795	Ant2	5855	-58.4	3.59	0.44	-46.21	Average	15.6	Pass
NVNT	ax40	5795	Ant2	5875	-49.73	3.59	-	-53.96	Peak	10	Pass
NVNT	ax40	5795	Ant2	5875	-58.57	3.59	0.44	-34.40	Average	10	Pass
NVNT	ax40	5795	Ant2	5925	-50.28	3.59	-	-48.87	Peak	-27	Pass
NVNT	ax40	5795	Ant2	5925	-57.91	3.59	0.44	-32.64	Average	-27	Pass
NVNT	ax80	5775	Ant2	5850	-50.68	3.59	-	-45.92	Peak	27	Pass
NVNT	ax80	5775	Ant2	5850	-57.37	3.59	0.47	-48.13	Average	27	Pass
NVNT	ax80	5775	Ant2	5855	-49.07	3.59	-	-54.15	Peak	15.6	Pass
NVNT	ax80	5775	Ant2	5855	-57.83	3.59	0.47	-47.38	Average	15.6	Pass
NVNT	ax80	5775	Ant2	5875	-50.03	3.59	-	-54.37	Peak	10	Pass
NVNT	ax80	5775	Ant2	5875	-58.12	3.59	0.47	-46.14	Average	10	Pass
NVNT	ax80	5775	Ant2	5925	-50.28	3.59	-	-54.54	Peak	-27	Pass
NVNT	ax80	5775	Ant2	5925	-57.43	3.59	0.47	-46.69	Average	-27	Pass
NVNT	ax80	5775	Ant2	5650	-49.44	3.59	-	-53.88	Peak	-27	Pass
NVNT	ax80	5775	Ant2	5650	-58.12	3.59	0.47	-47.09	Average	-27	Pass
NVNT	ax80	5775	Ant2	5700	-49.61	3.59	-	-53.31	Peak	10	Pass
NVNT	ax80	5775	Ant2	5700	-57.62	3.59	0.47	-45.48	Average	10	Pass
NVNT	ax80	5775	Ant2	5720	-43.82	3.59	-	-53.77	Peak	15.6	Pass
NVNT	ax80	5775	Ant2	5720	-52.75	3.59	0.47	-46.44	Average	15.6	Pass
NVNT	ax80	5775	Ant2	5725	-37.41	3.59	-	-54.06	Peak	27	Pass
NVNT	ax80	5775	Ant2	5725	-51.96	3.59	0.47	-46.69	Average	27	Pass

Test Graphs

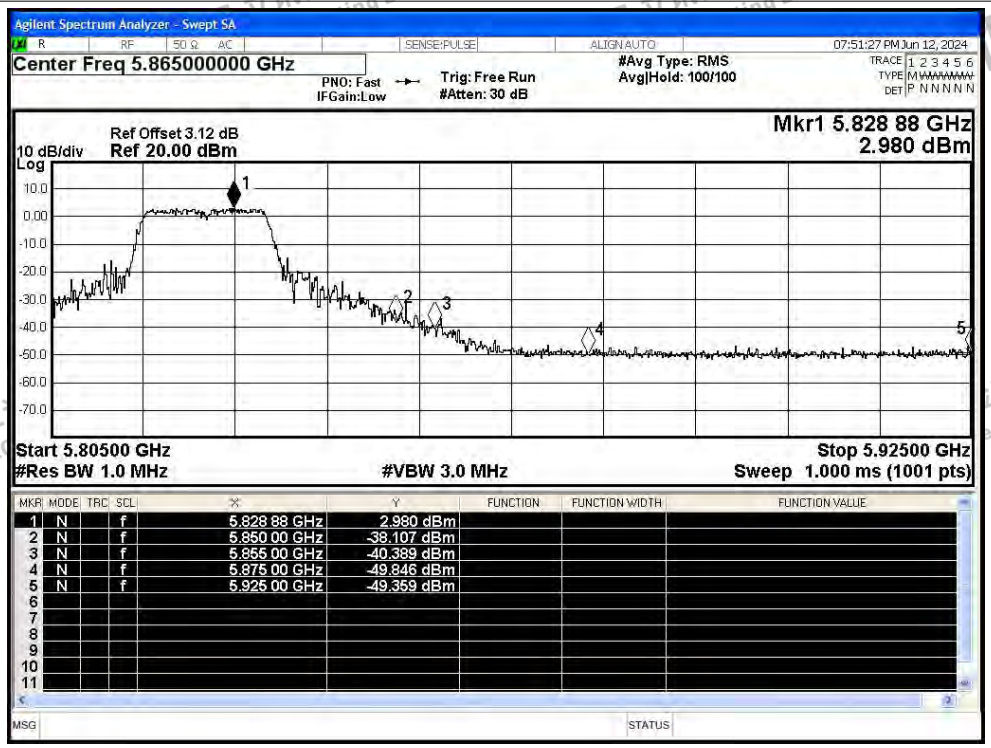
Restrict Band NVNT a 5745MHz Ant2 Peak



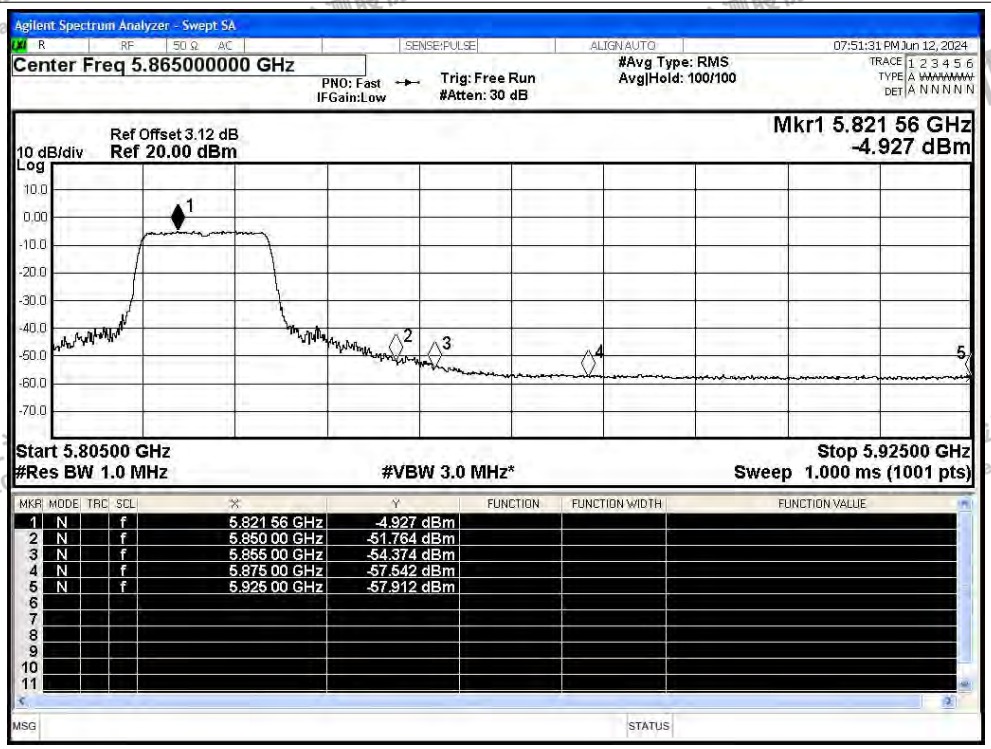
Restrict Band NVNT a 5745MHz Ant2 Average



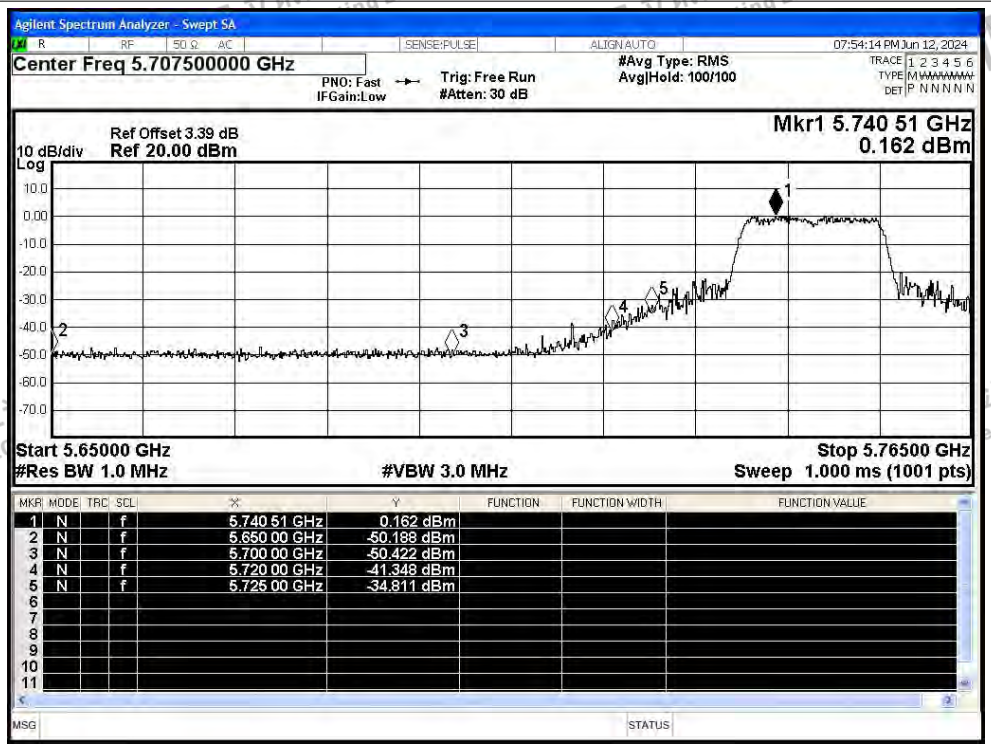
Restrict Band NVNT a 5825MHz Ant2 Peak



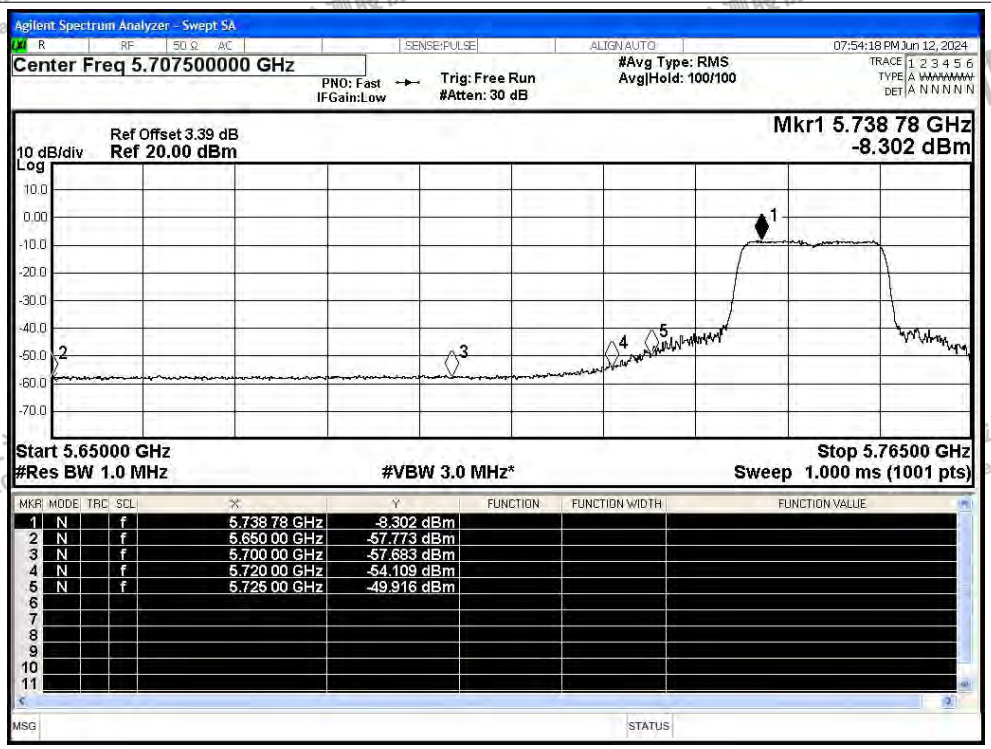
Restrict Band NVNT a 5825MHz Ant2 Average



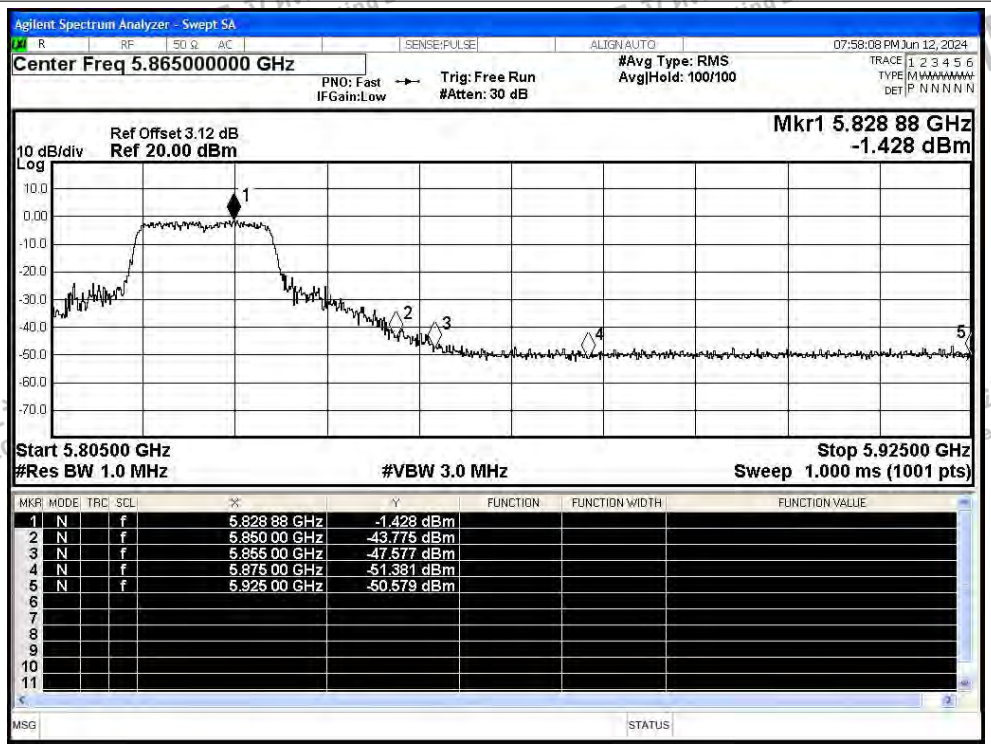
Restrict Band NVNT n20 5745MHz Ant2 Peak



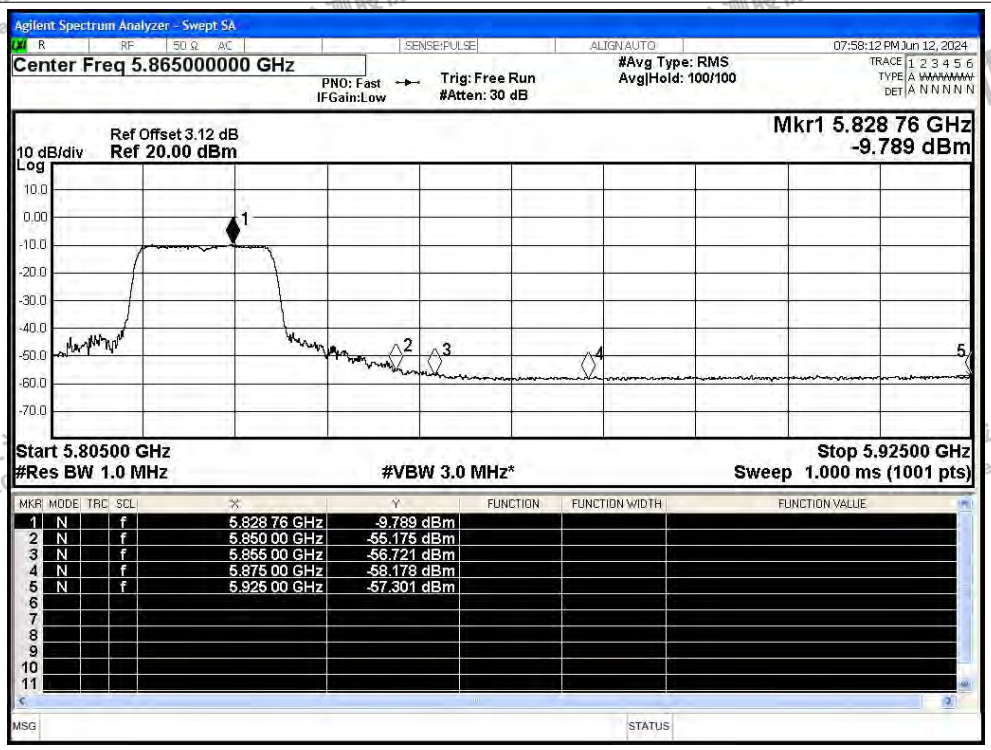
Restrict Band NVNT n20 5745MHz Ant2 Average



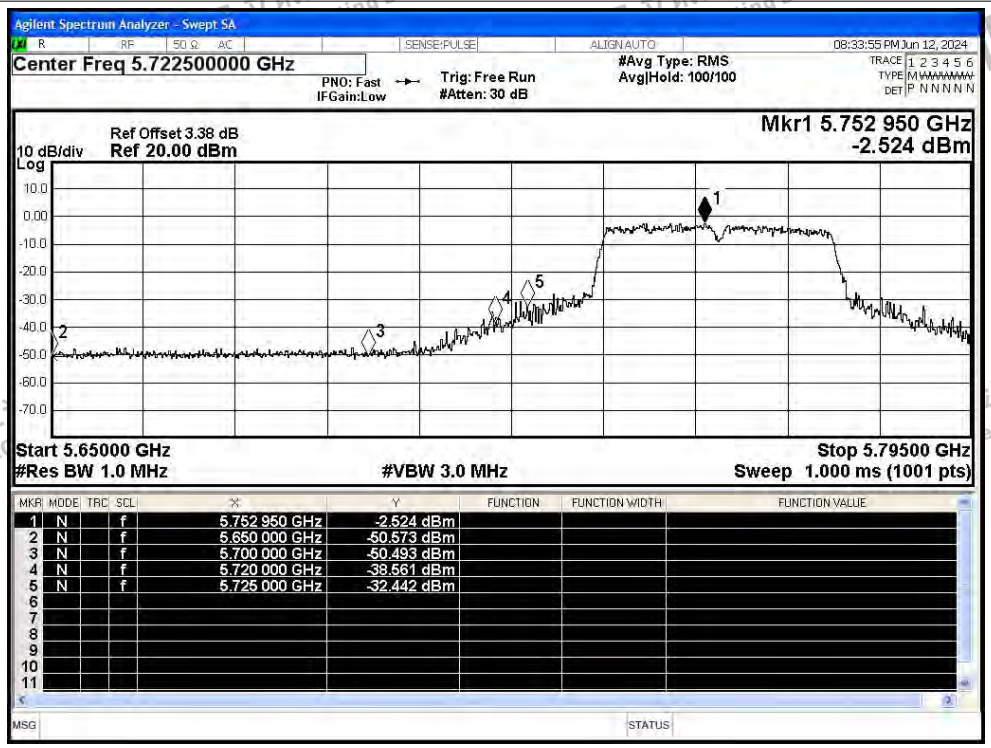
Restrict Band NVNT n20 5825MHz Ant2 Peak



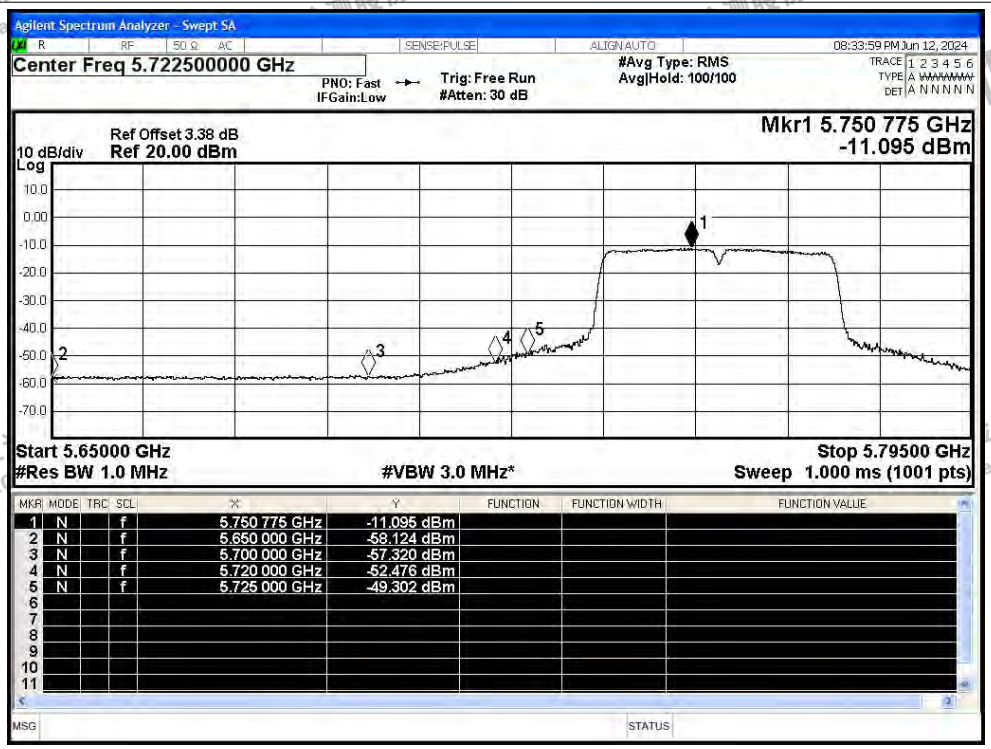
Restrict Band NVNT n20 5825MHz Ant2 Average



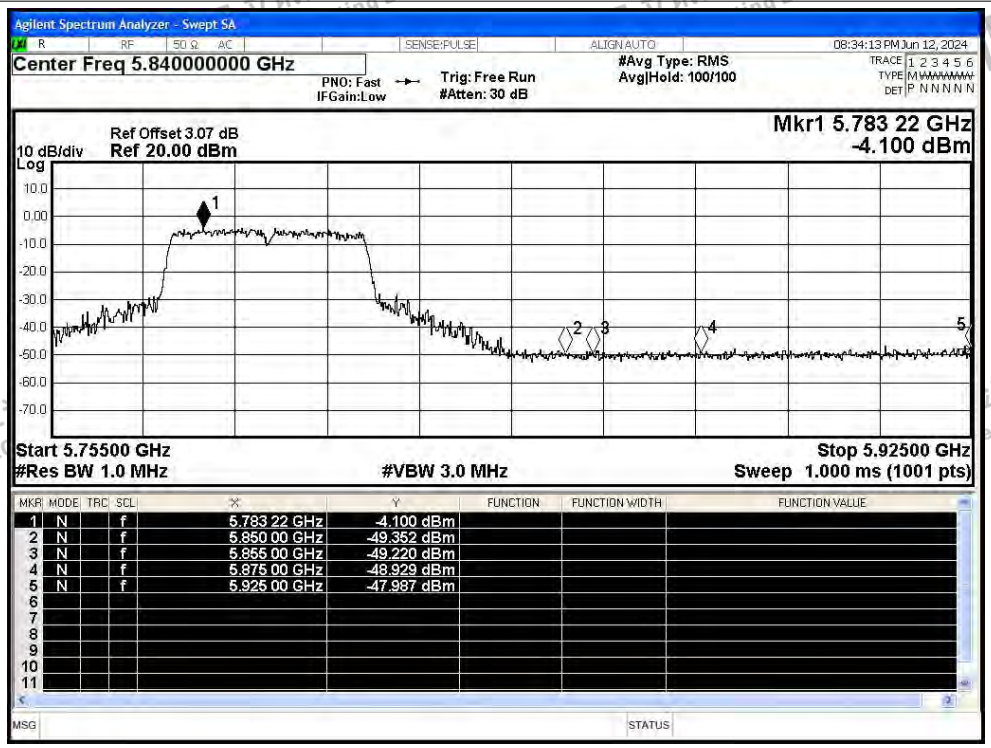
Restrict Band NVNT n40 5755MHz Ant2 Peak



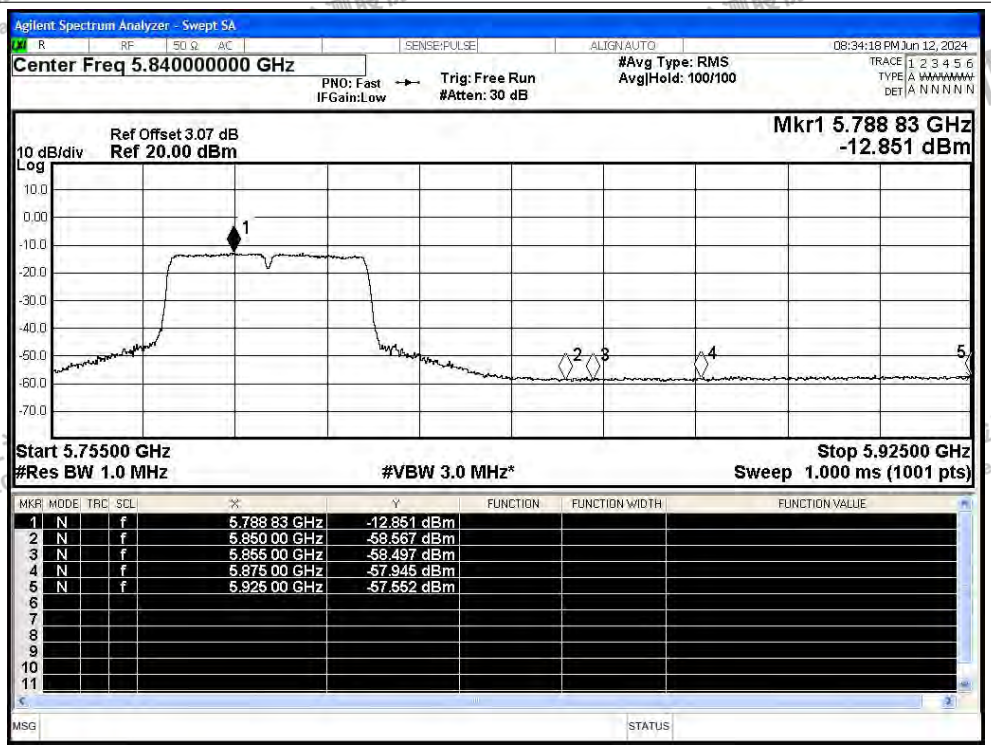
Restrict Band NVNT n40 5755MHz Ant2 Average



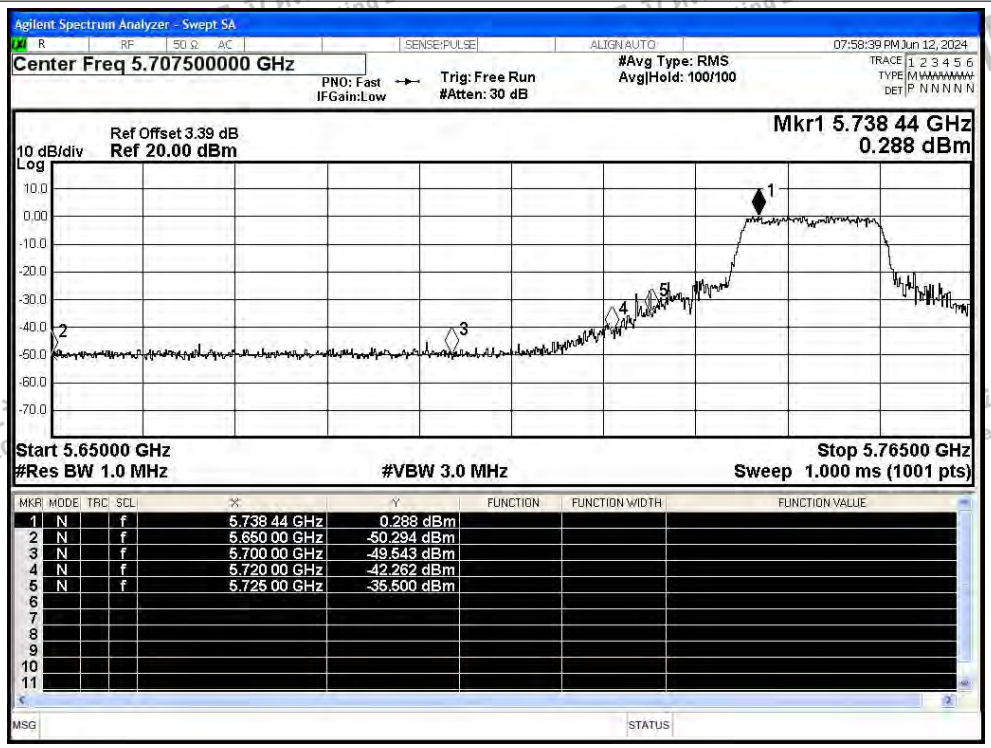
Restrict Band NVNT n40 5795MHz Ant2 Peak



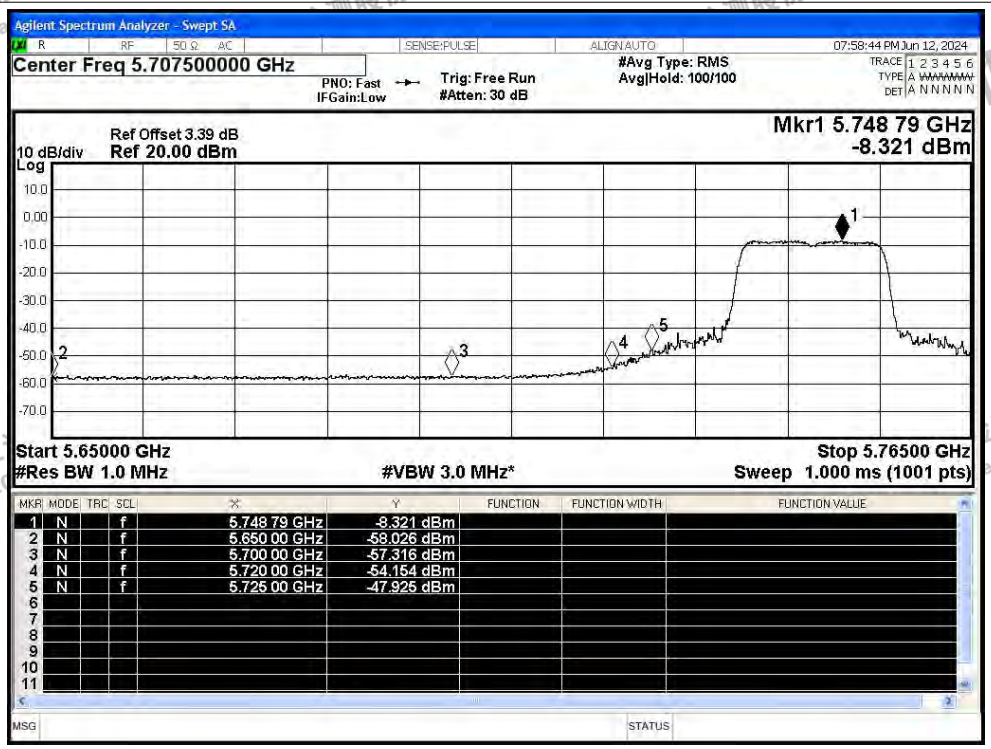
Restrict Band NVNT n40 5795MHz Ant2 Average



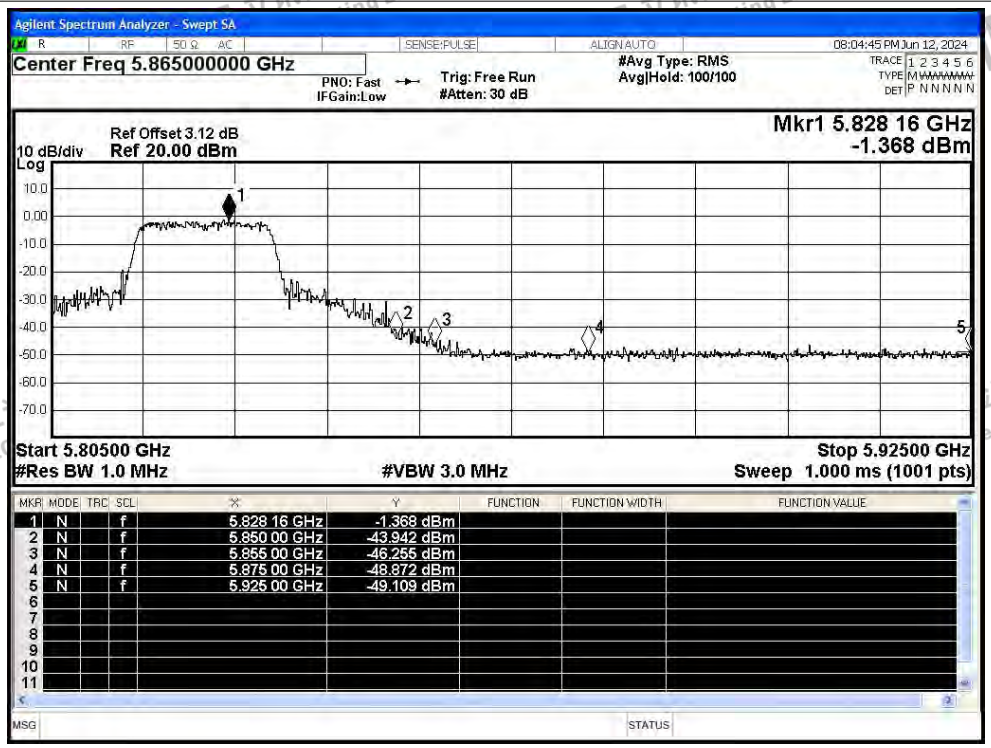
Restrict Band NVNT ac20 5745MHz Ant2 Peak



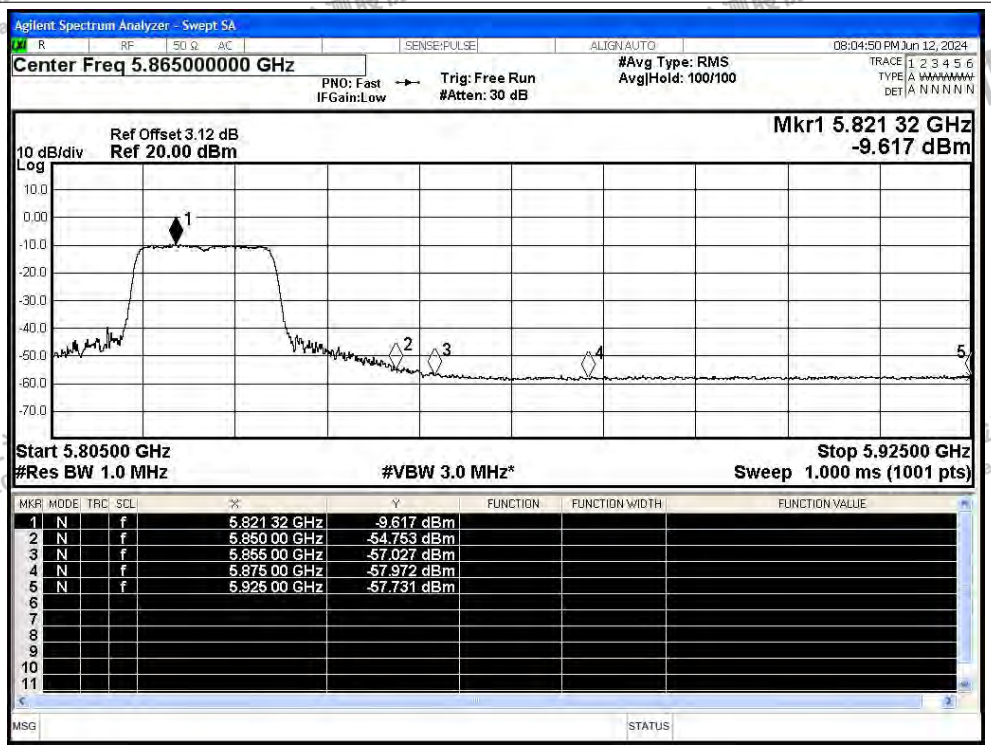
Restrict Band NVNT ac20 5745MHz Ant2 Average



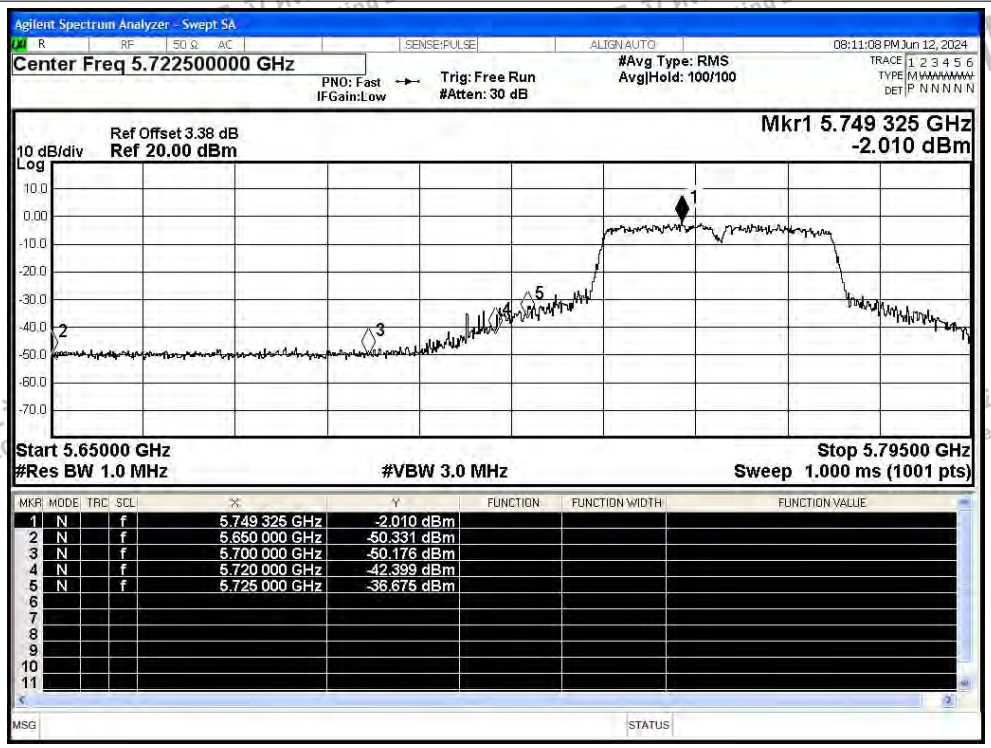
Restrict Band NVNT ac20 5825MHz Ant2 Peak



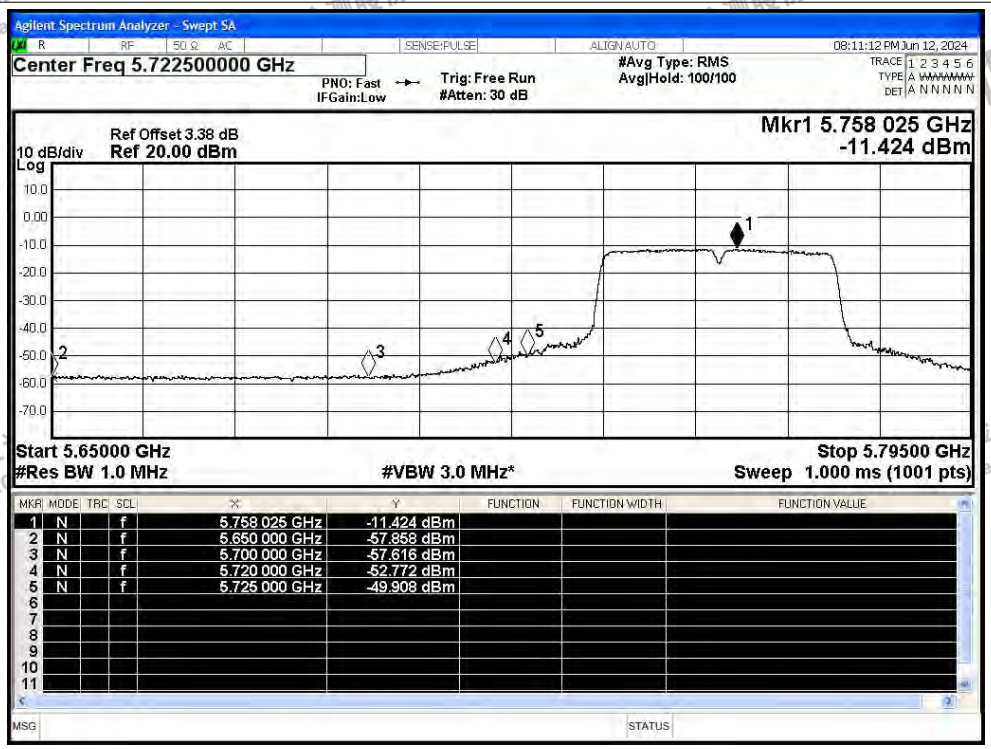
Restrict Band NVNT ac20 5825MHz Ant2 Average



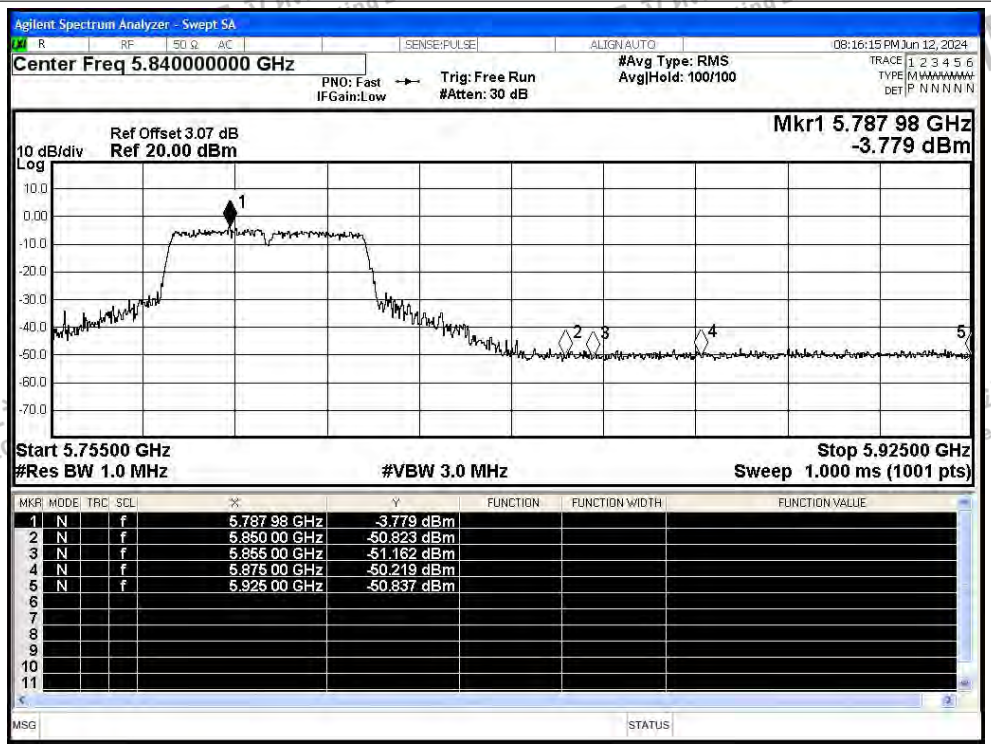
Restrict Band NVNT ac40 5755MHz Ant2 Peak



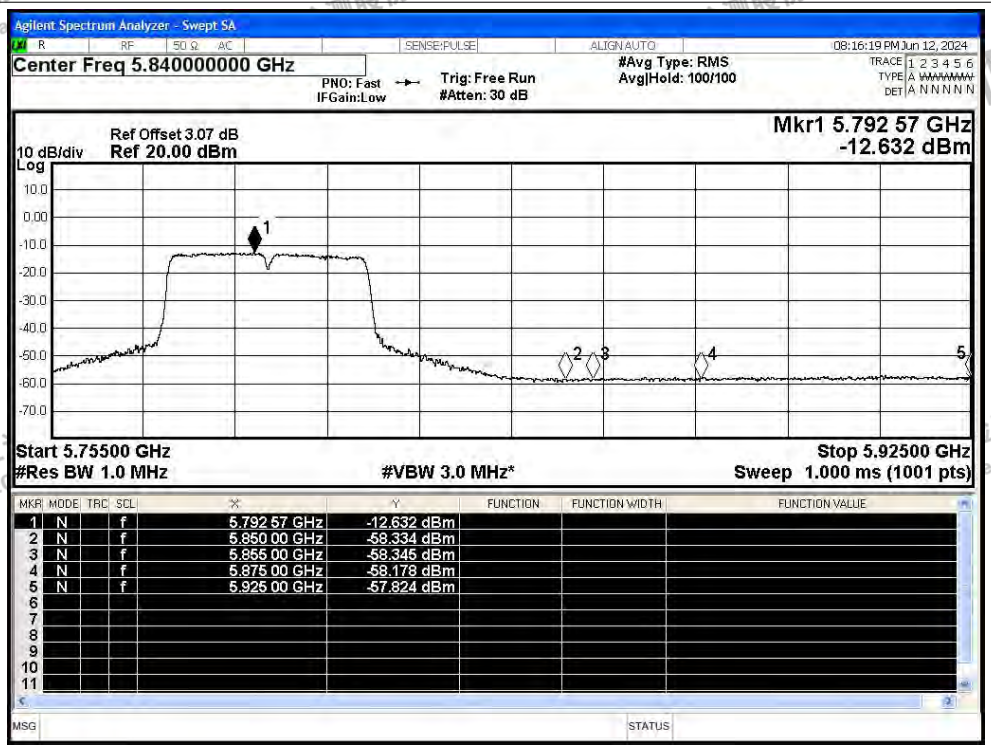
Restrict Band NVNT ac40 5755MHz Ant2 Average



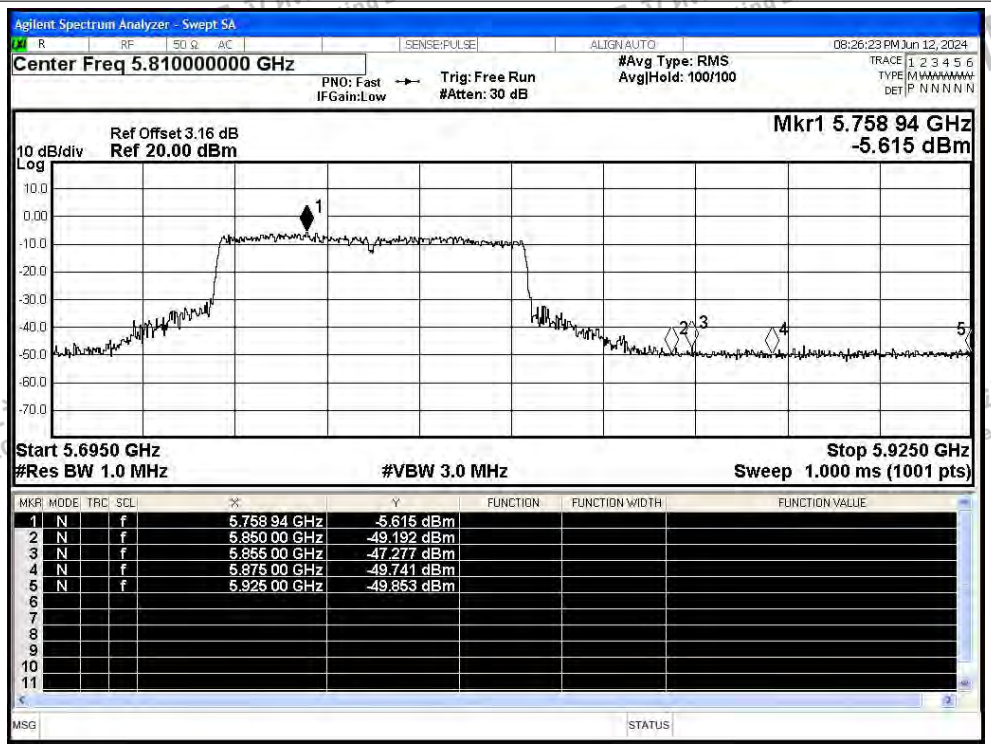
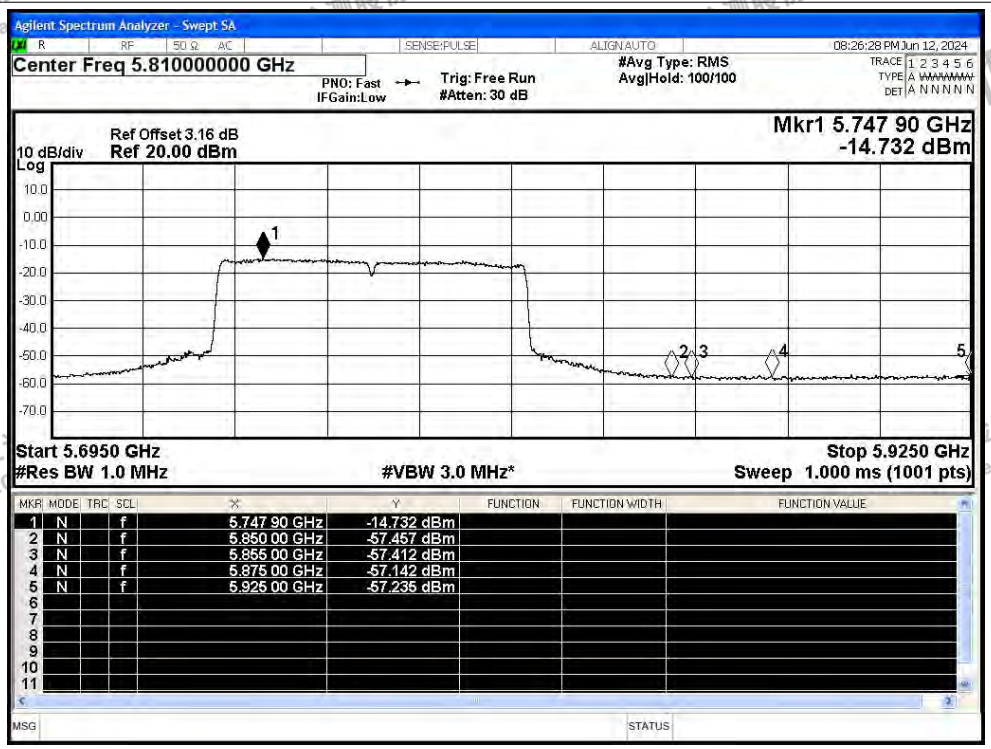
Restrict Band NVNT ac40 5795MHz Ant2 Peak



Restrict Band NVNT ac40 5795MHz Ant2 Average



Restrict Band NVNT ac80 5775MHz Ant2 Peak



Restrict Band NVNT ac80 5775MHz Ant2 Average