



Appendix E

RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: Notebook computer

Test Model: ViosBook

Environmental Conditions

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



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



E.1 -6dB Bandwidth

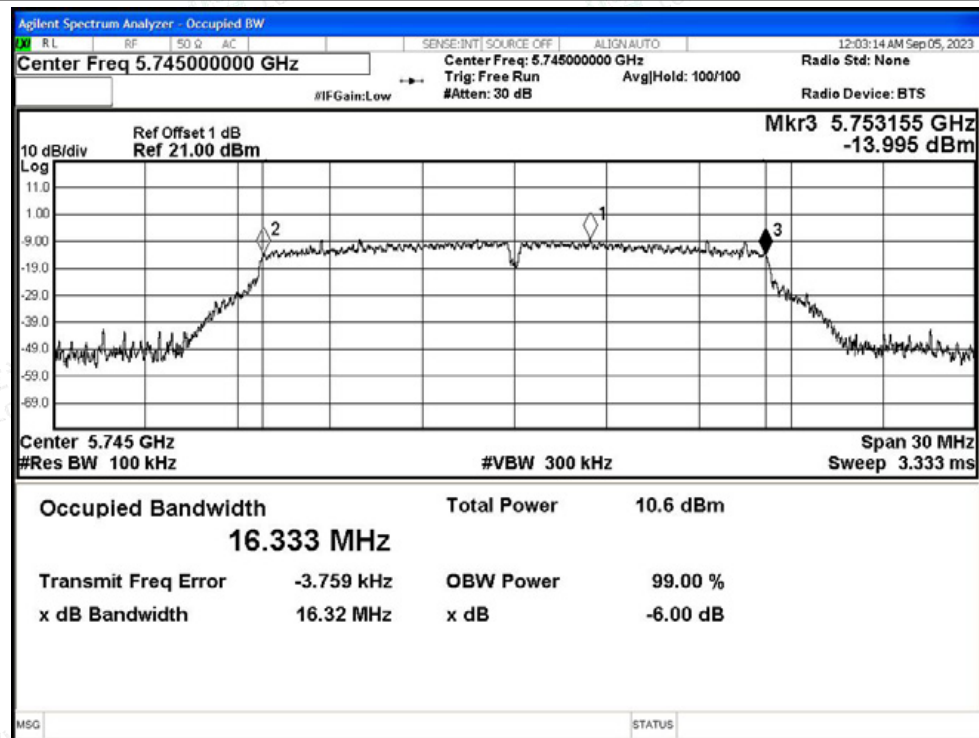
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant0	16.318	0.5	Pass
NVNT	a	5785	Ant0	13.381	0.5	Pass
NVNT	a	5825	Ant0	15.489	0.5	Pass
NVNT	n20	5745	Ant0	15.049	0.5	Pass
NVNT	n20	5785	Ant0	13.166	0.5	Pass
NVNT	n20	5825	Ant0	14.834	0.5	Pass
NVNT	n40	5755	Ant0	33.881	0.5	Pass
NVNT	n40	5795	Ant0	34.97	0.5	Pass
NVNT	ac20	5745	Ant0	15.663	0.5	Pass
NVNT	ac20	5785	Ant0	13.845	0.5	Pass
NVNT	ac20	5825	Ant0	13.95	0.5	Pass
NVNT	ac40	5755	Ant0	33.77	0.5	Pass
NVNT	ac40	5795	Ant0	35.103	0.5	Pass
NVNT	ac80	5775	Ant0	75.261	>=0.5	Pass



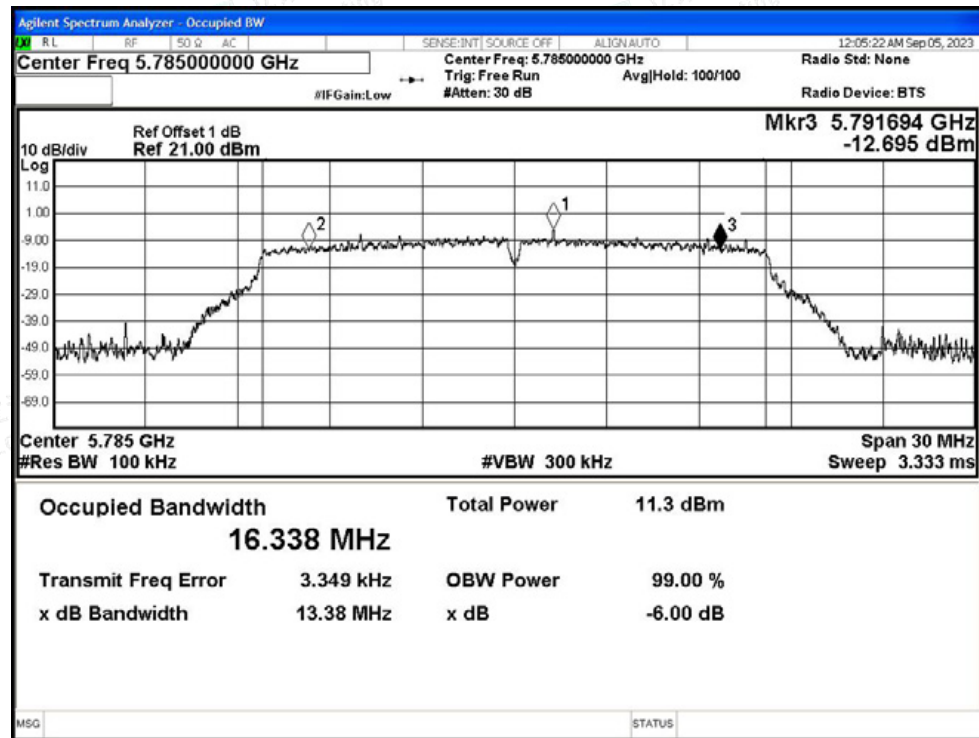


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant0

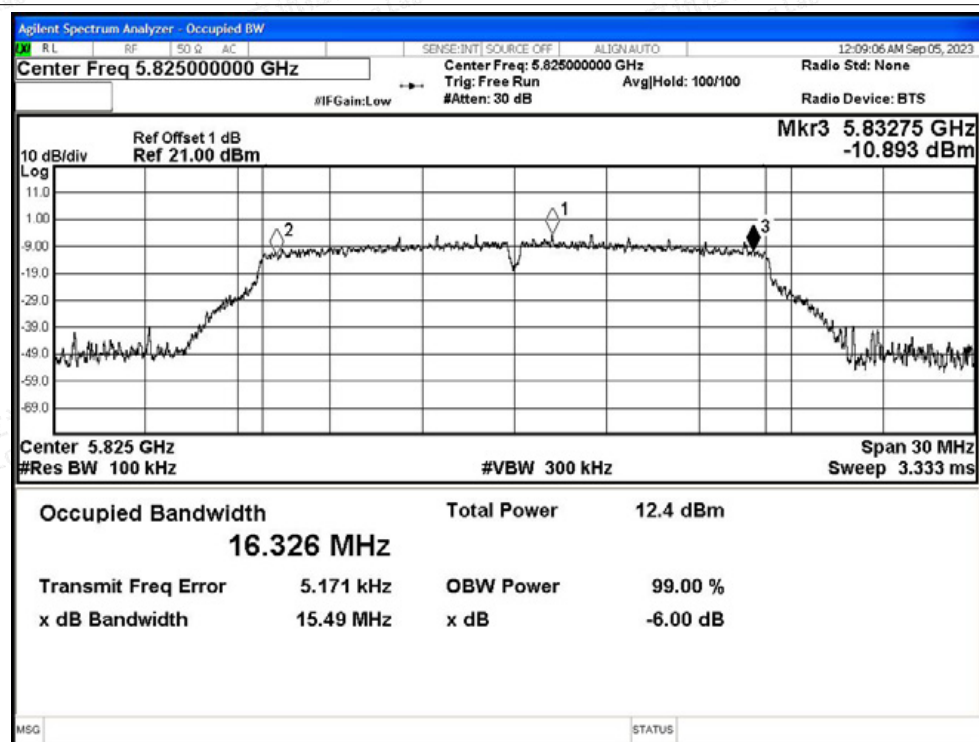


-6dB Bandwidth NVNT a 5785MHz Ant0

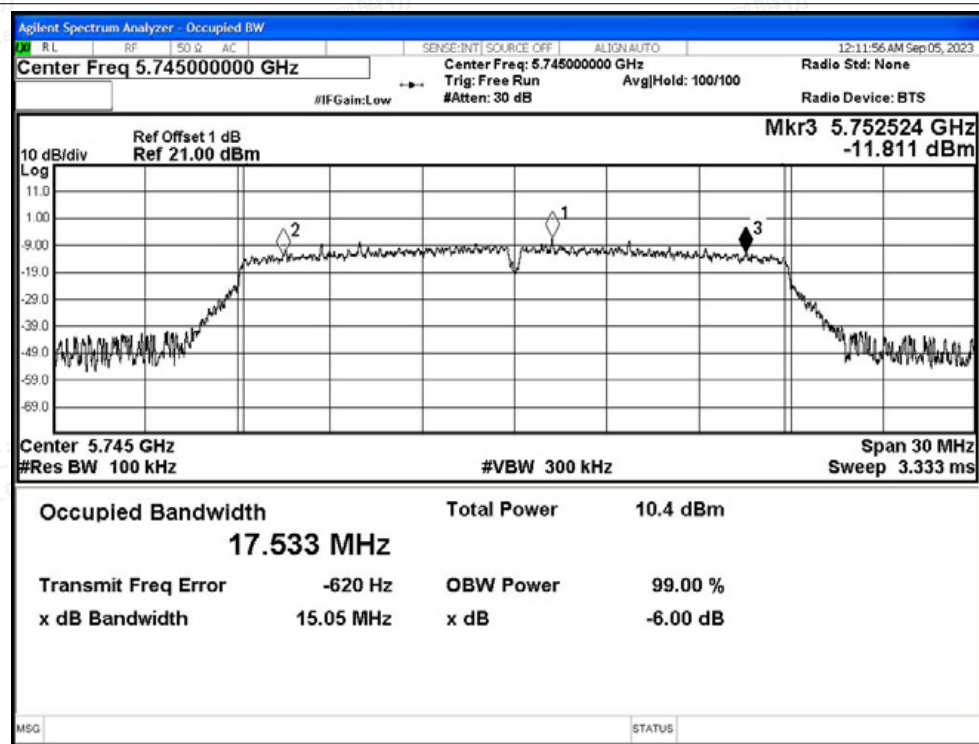




-6dB Bandwidth NVNT a 5825MHz Ant0

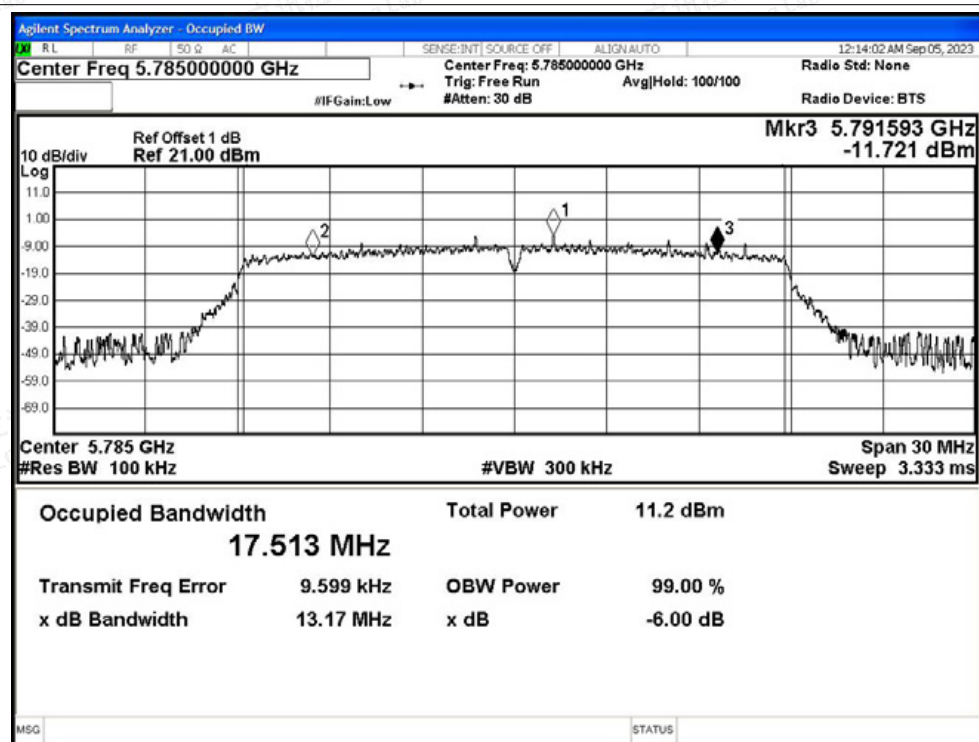


-6dB Bandwidth NVNT n20 5745MHz Ant0

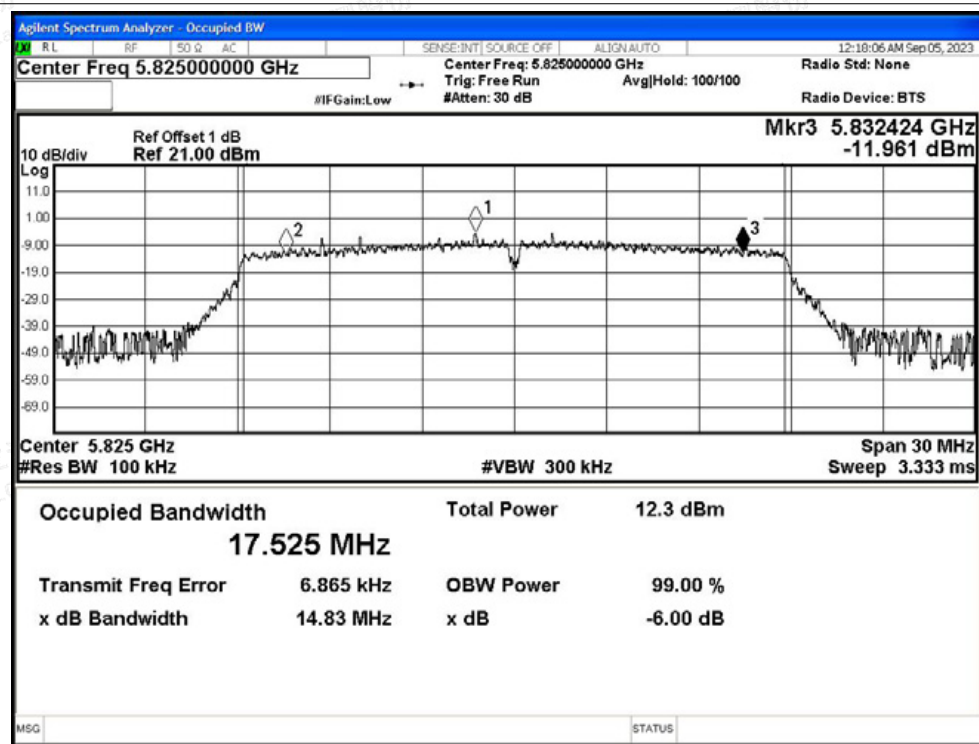




-6dB Bandwidth NVNT n20 5785MHz Ant0

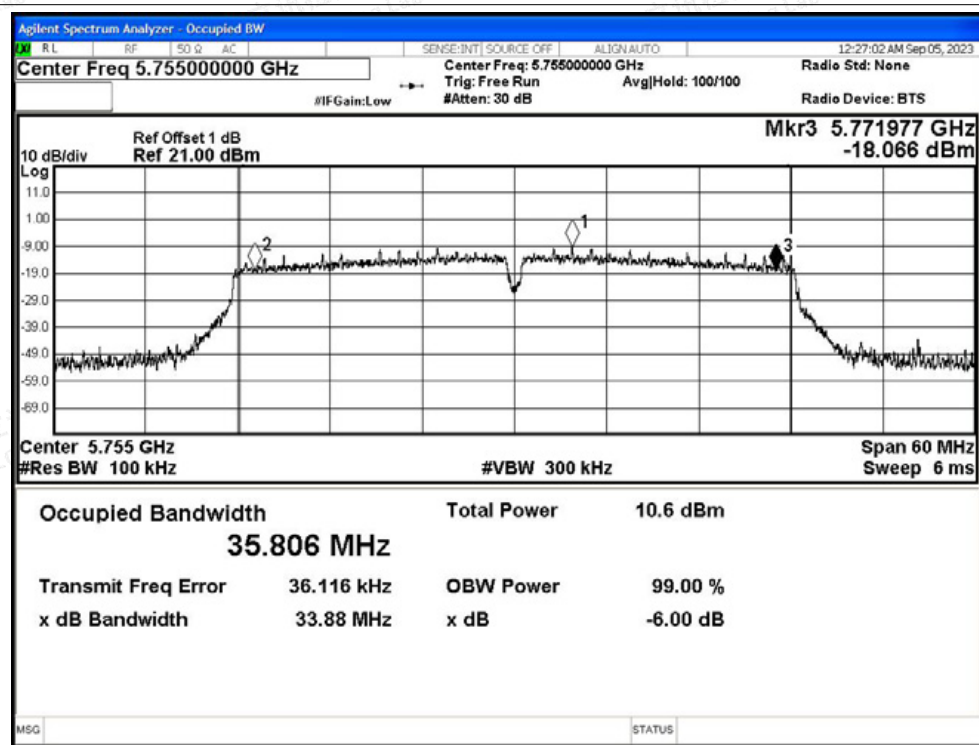


-6dB Bandwidth NVNT n20 5825MHz Ant0

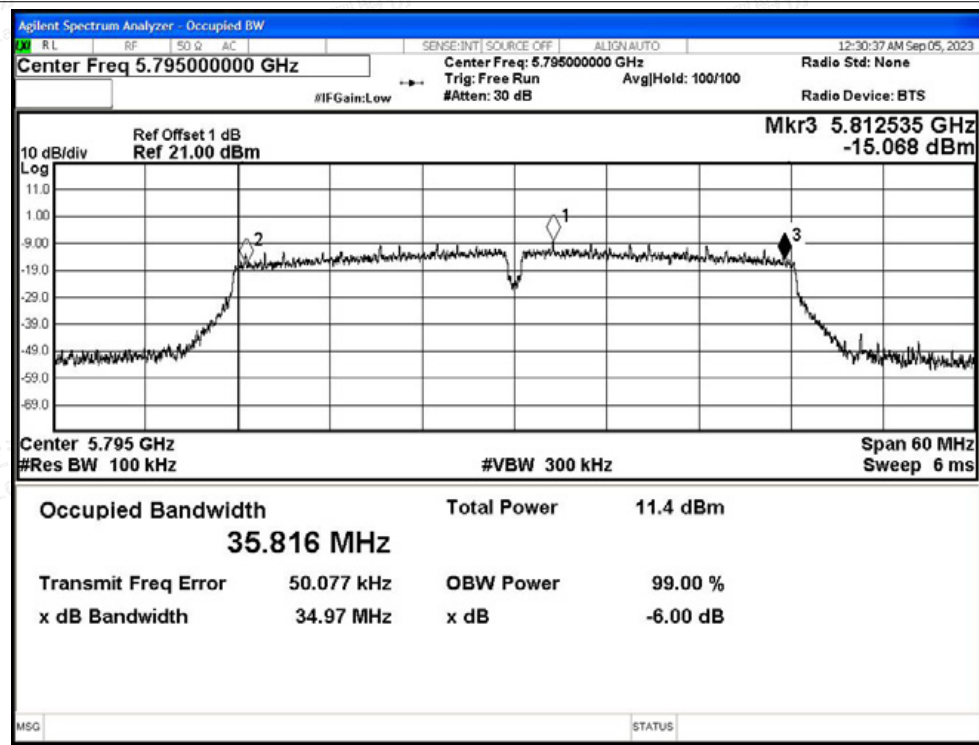




-6dB Bandwidth NVNT n40 5755MHz Ant0

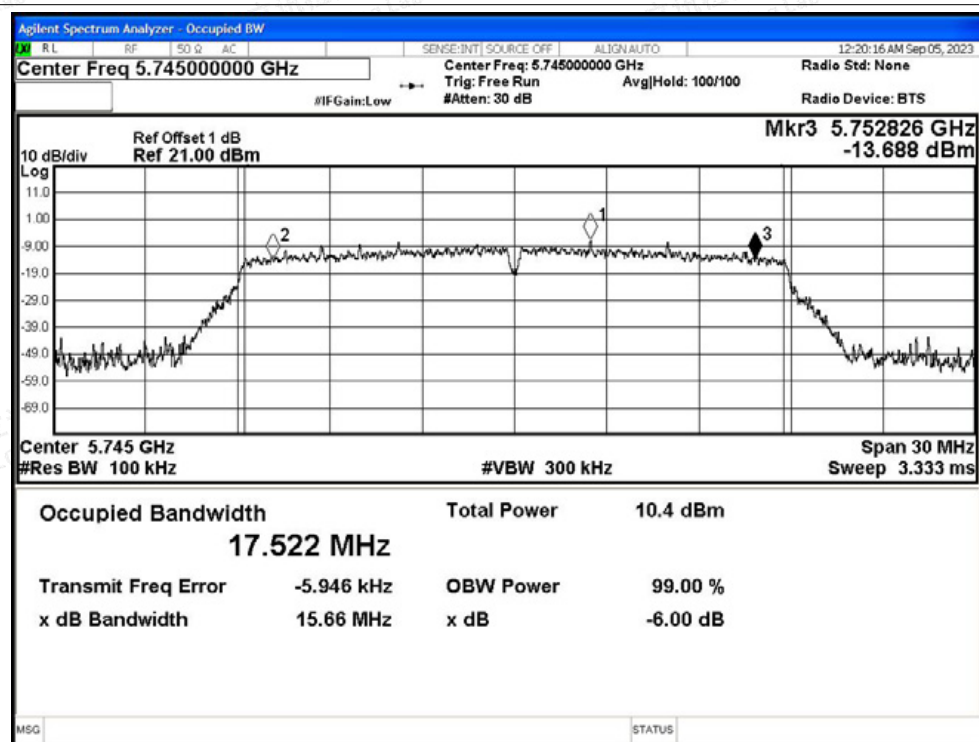


-6dB Bandwidth NVNT n40 5795MHz Ant0

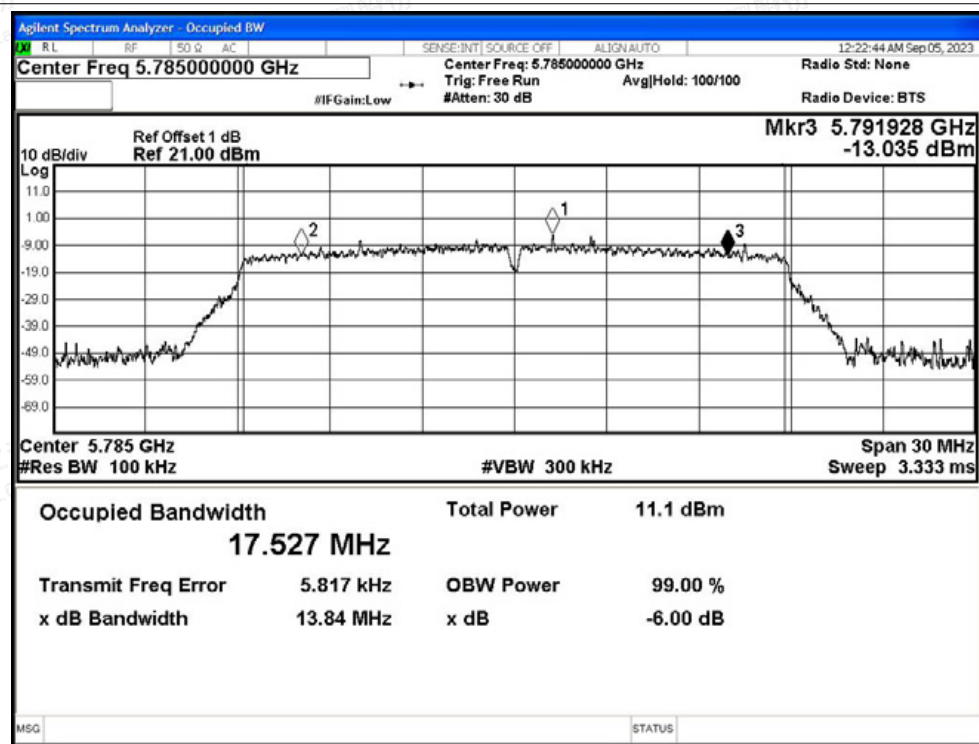




-6dB Bandwidth NVNT ac20 5745MHz Ant0

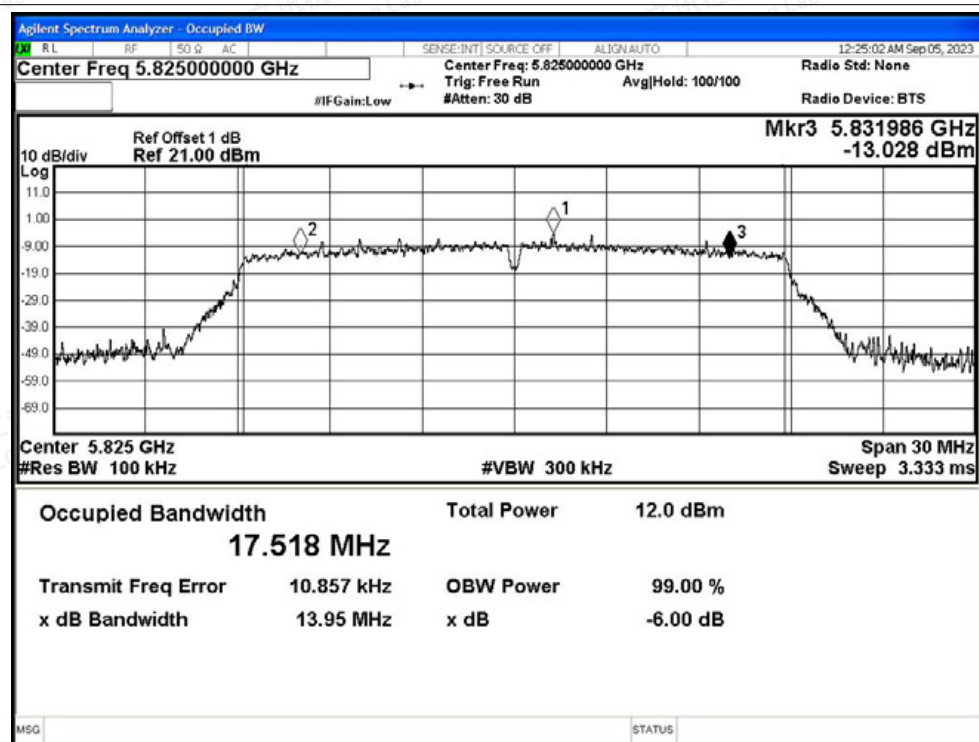


-6dB Bandwidth NVNT ac20 5785MHz Ant0

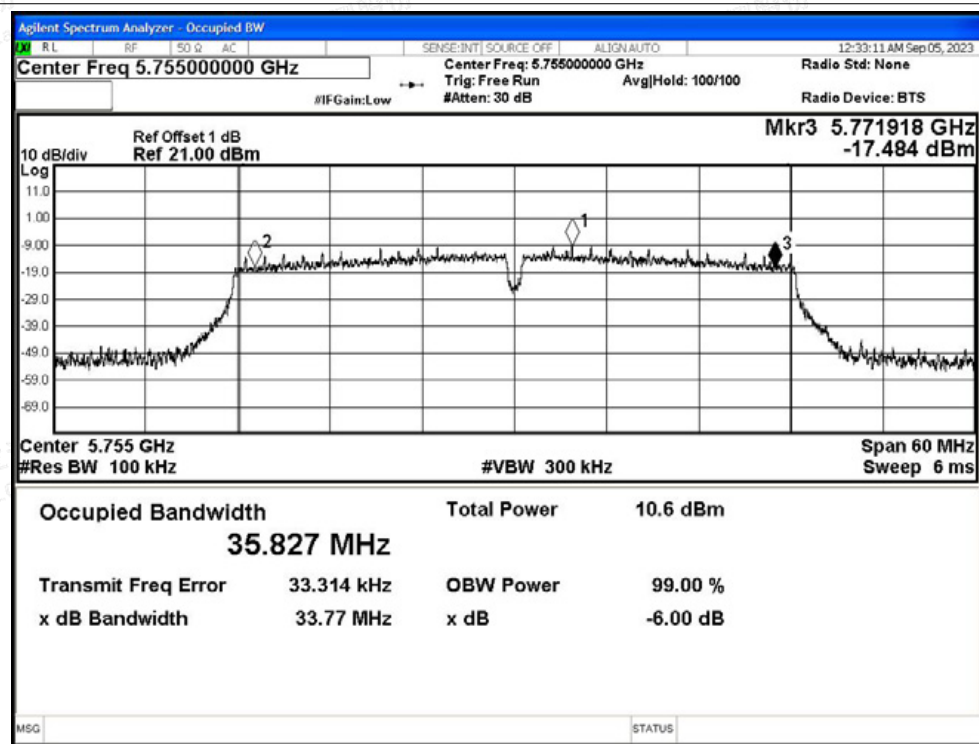




-6dB Bandwidth NVNT ac20 5825MHz Ant0

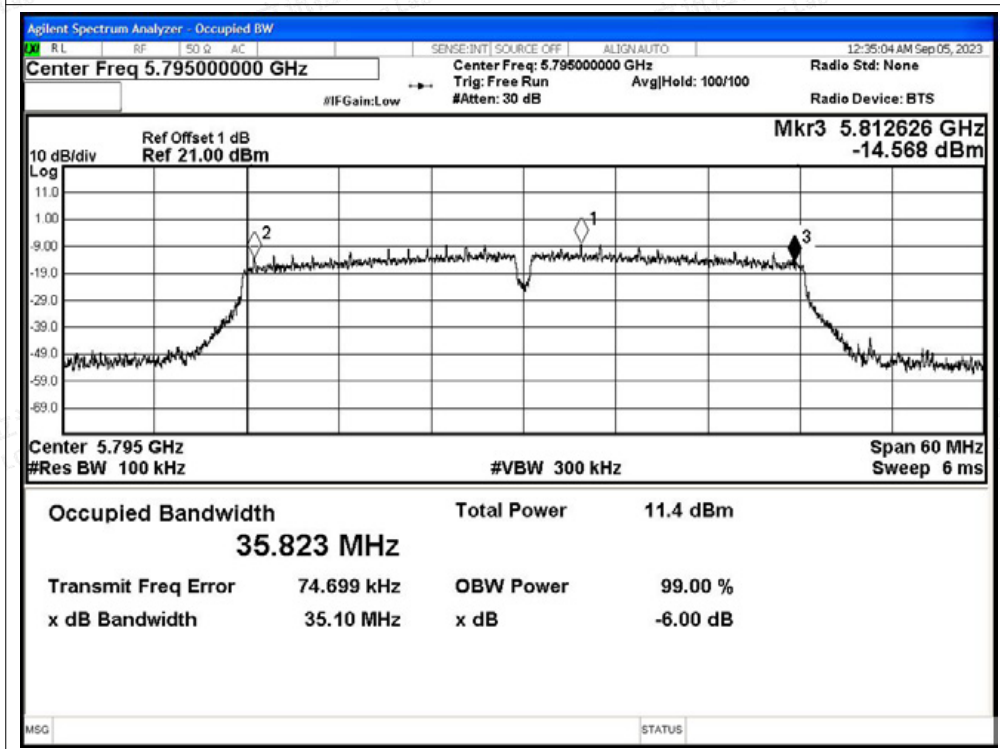


-6dB Bandwidth NVNT ac40 5755MHz Ant0

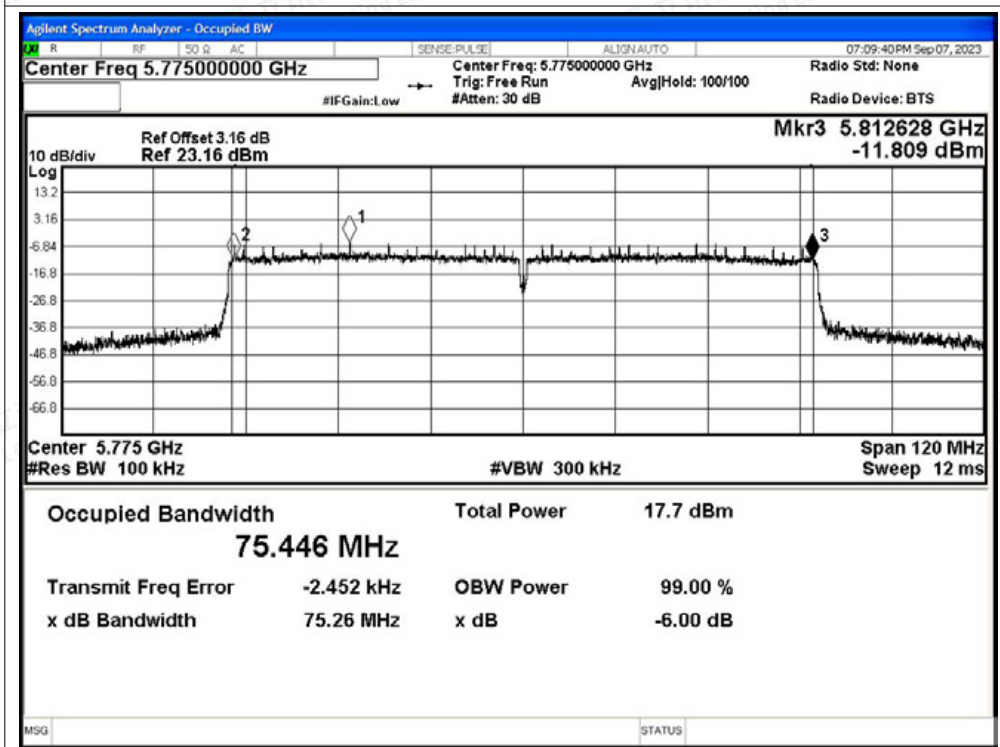




-6dB Bandwidth NVNT ac40 5795MHz Ant0



-6dB Bandwidth NVNT ac80 5775MHz Ant0





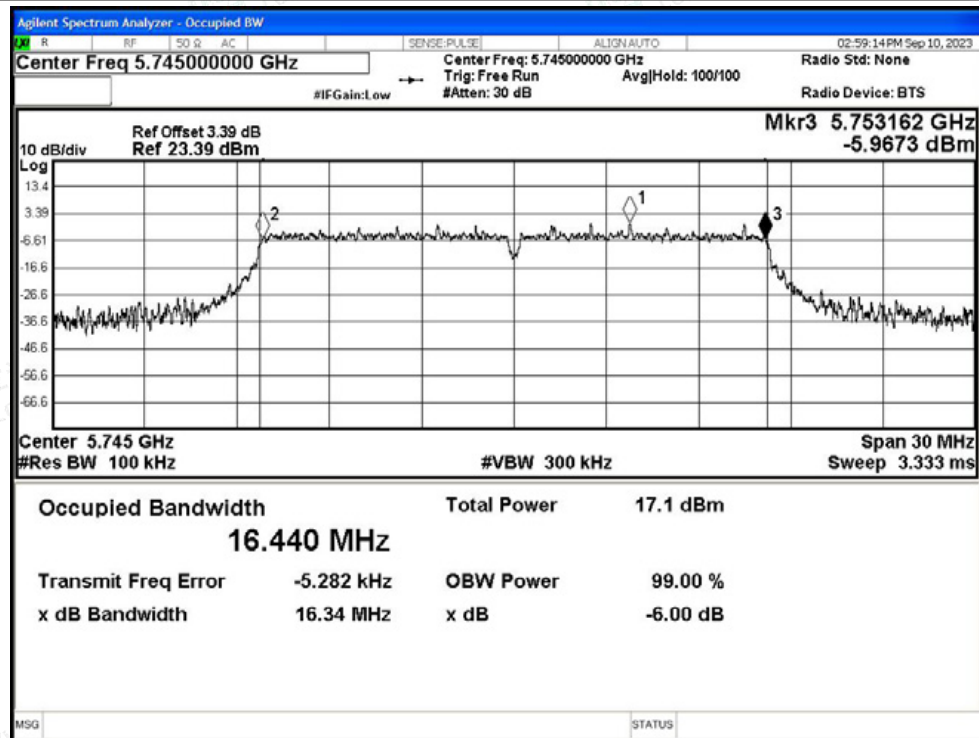
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	16.335	≥ 0.5	Pass
NVNT	a	5785	Ant1	16.337	≥ 0.5	Pass
NVNT	a	5825	Ant1	16.334	≥ 0.5	Pass
NVNT	n20	5745	Ant1	17.397	≥ 0.5	Pass
NVNT	n20	5785	Ant1	17.385	≥ 0.5	Pass
NVNT	n20	5825	Ant1	17.426	≥ 0.5	Pass
NVNT	n40	5755	Ant1	36.092	≥ 0.5	Pass
NVNT	n40	5795	Ant1	35.607	≥ 0.5	Pass
NVNT	ac20	5745	Ant1	17.515	≥ 0.5	Pass
NVNT	ac20	5785	Ant1	17.399	≥ 0.5	Pass
NVNT	ac20	5825	Ant1	17.298	≥ 0.5	Pass
NVNT	ac40	5755	Ant1	36.294	≥ 0.5	Pass
NVNT	ac40	5795	Ant1	36.314	≥ 0.5	Pass
NVNT	ac80	5775	Ant1	75.482	≥ 0.5	Pass



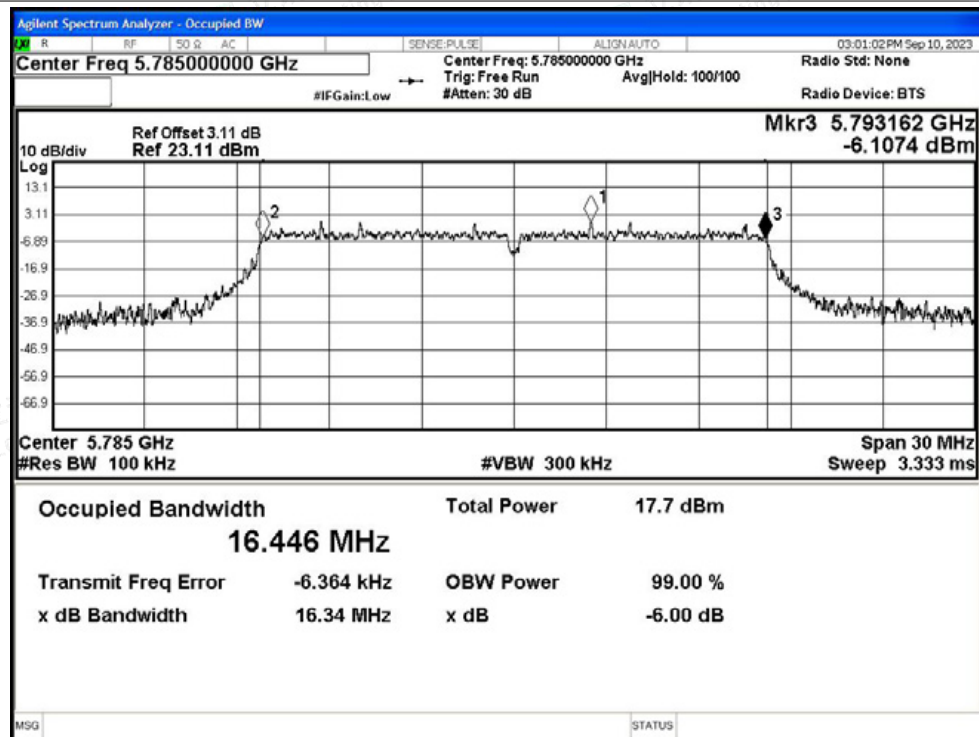


Test Graphs

-6dB Bandwidth NVNT a 5745MHz Ant1

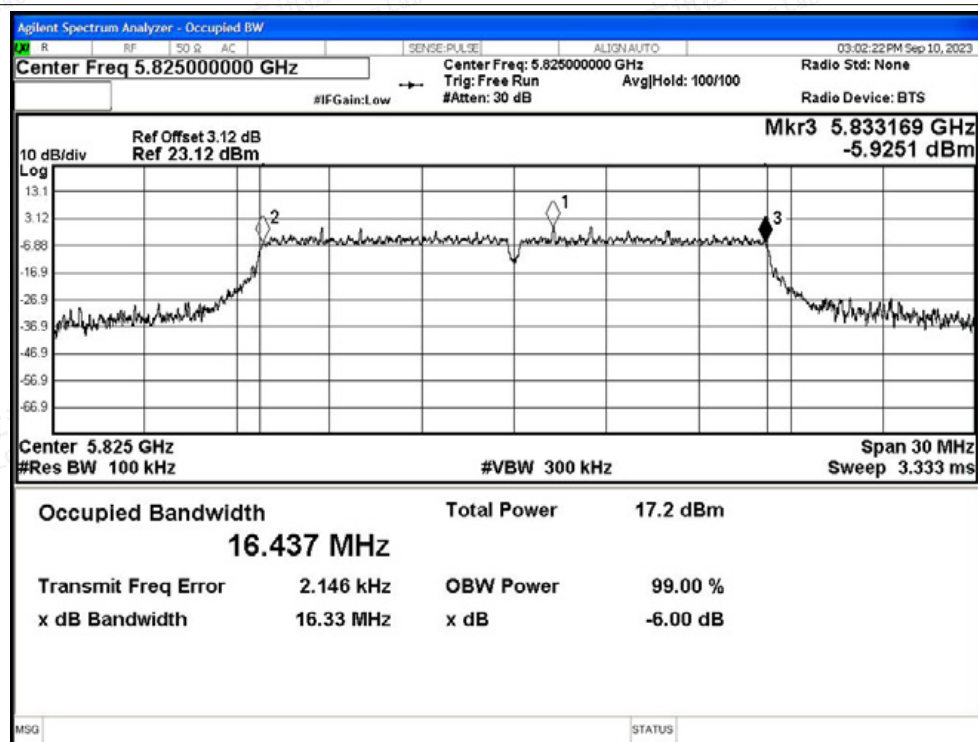


-6dB Bandwidth NVNT a 5785MHz Ant1

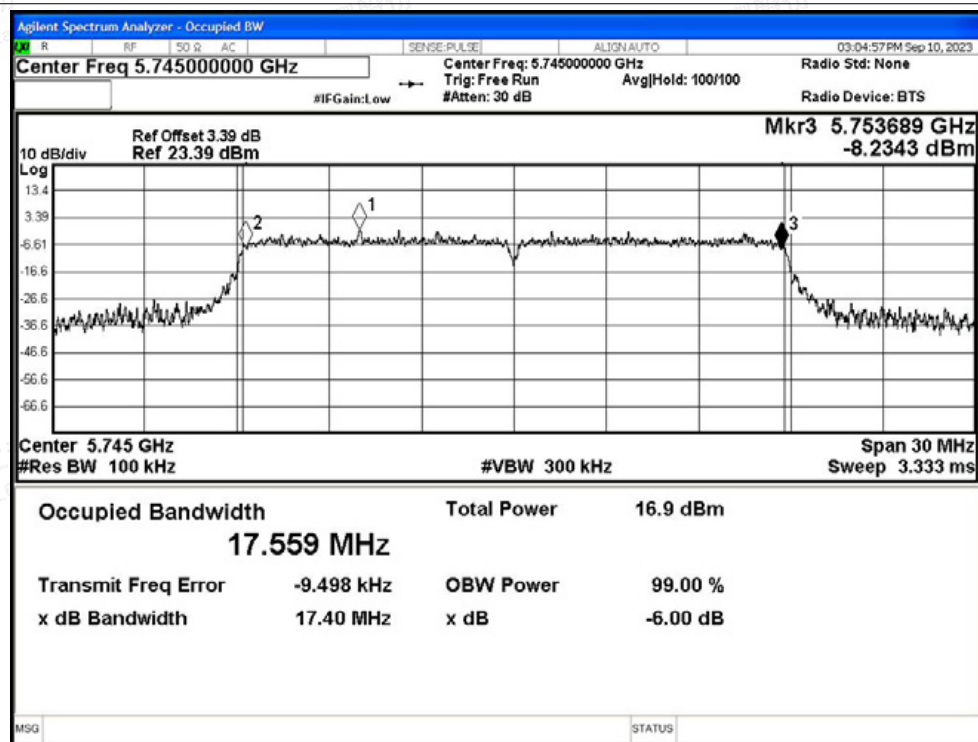




-6dB Bandwidth NVNT a 5825MHz Ant1

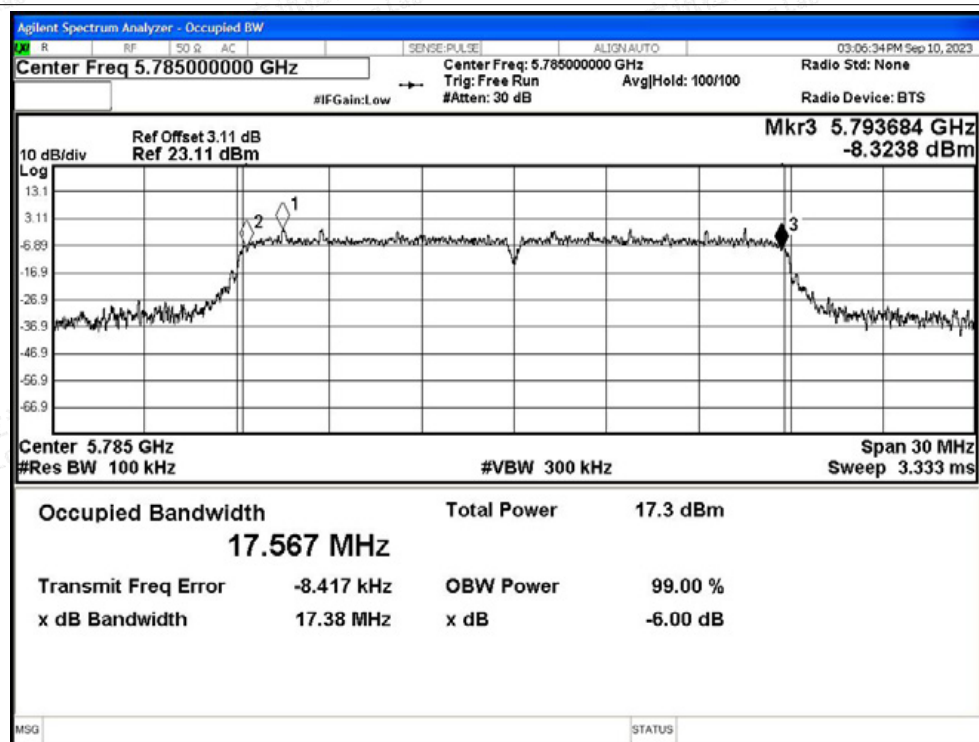


-6dB Bandwidth NVNT n20 5745MHz Ant1

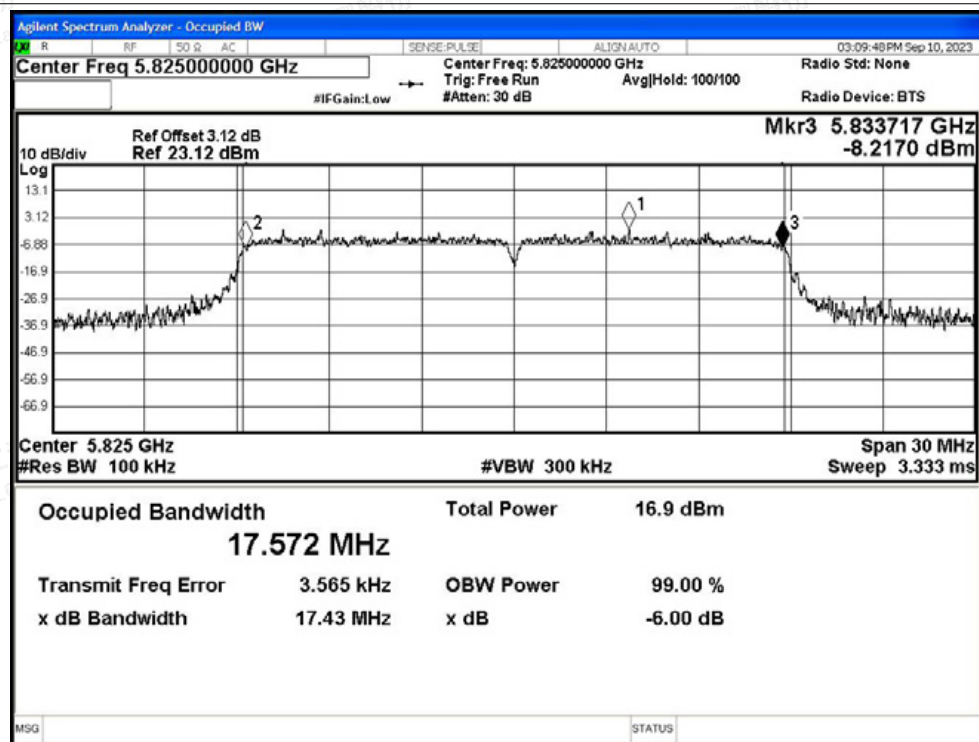




-6dB Bandwidth NVNT n20 5785MHz Ant1

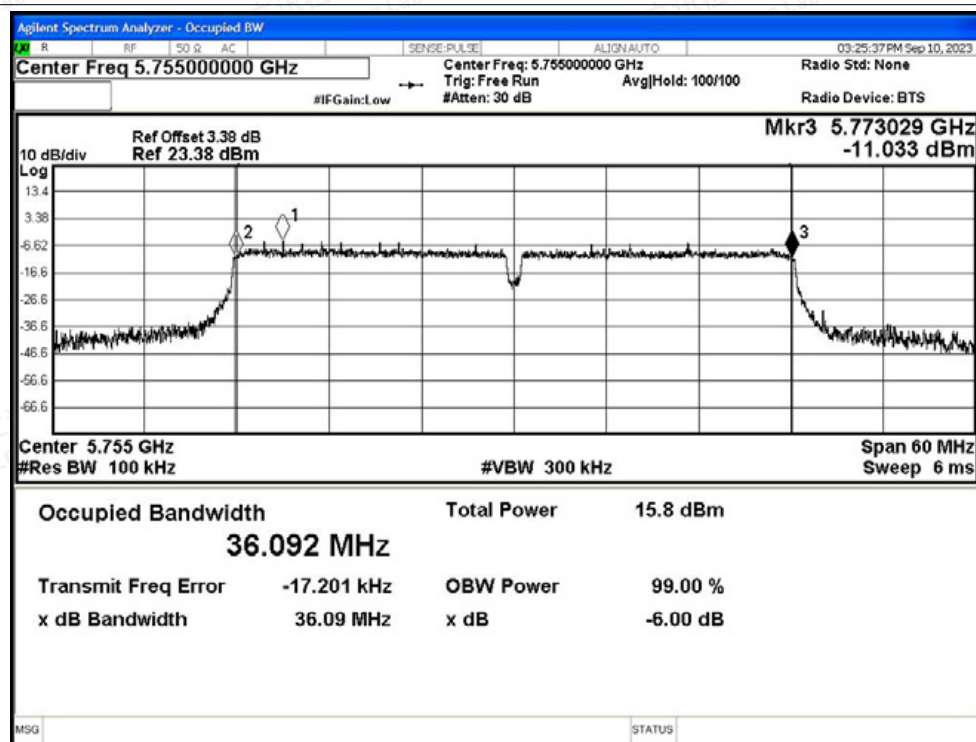


-6dB Bandwidth NVNT n20 5825MHz Ant1

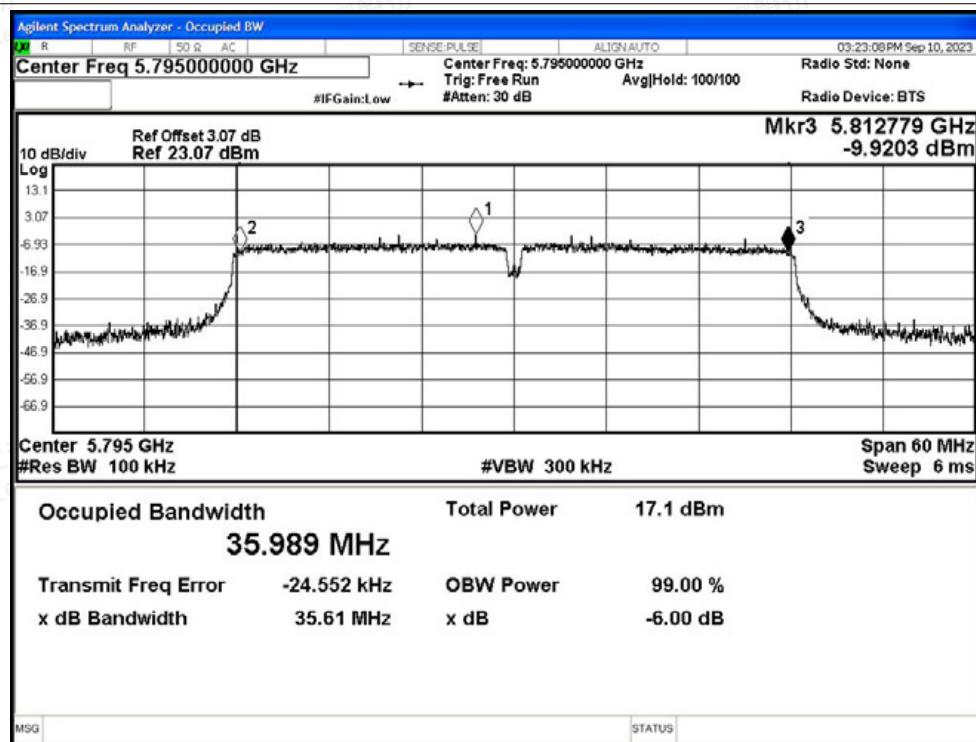




-6dB Bandwidth NVNT n40 5755MHz Ant1

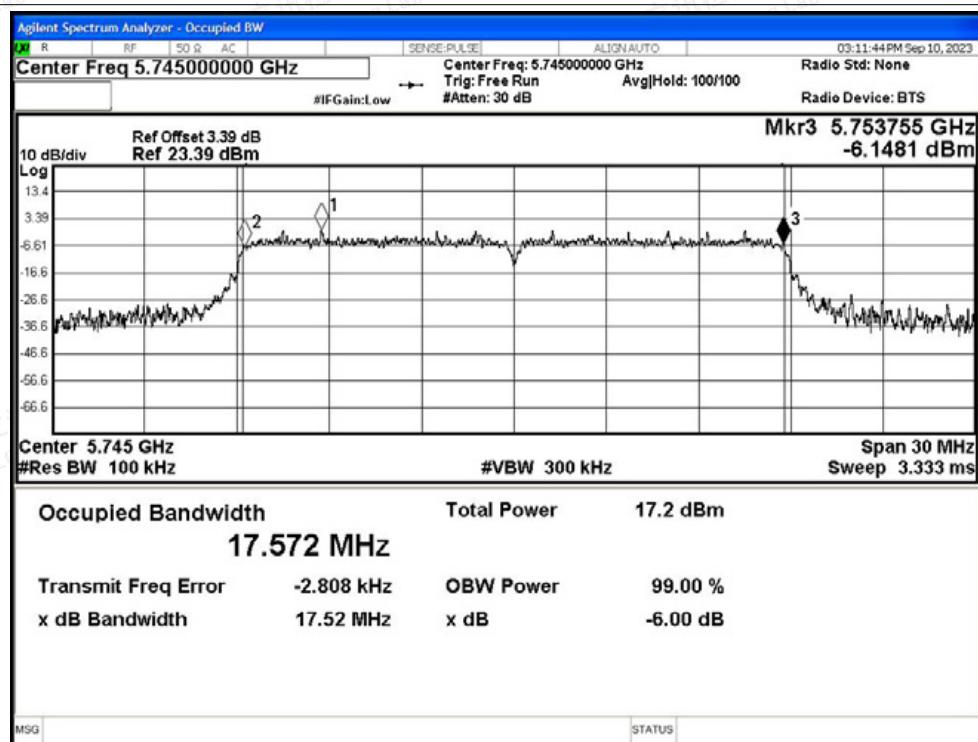


-6dB Bandwidth NVNT n40 5795MHz Ant1

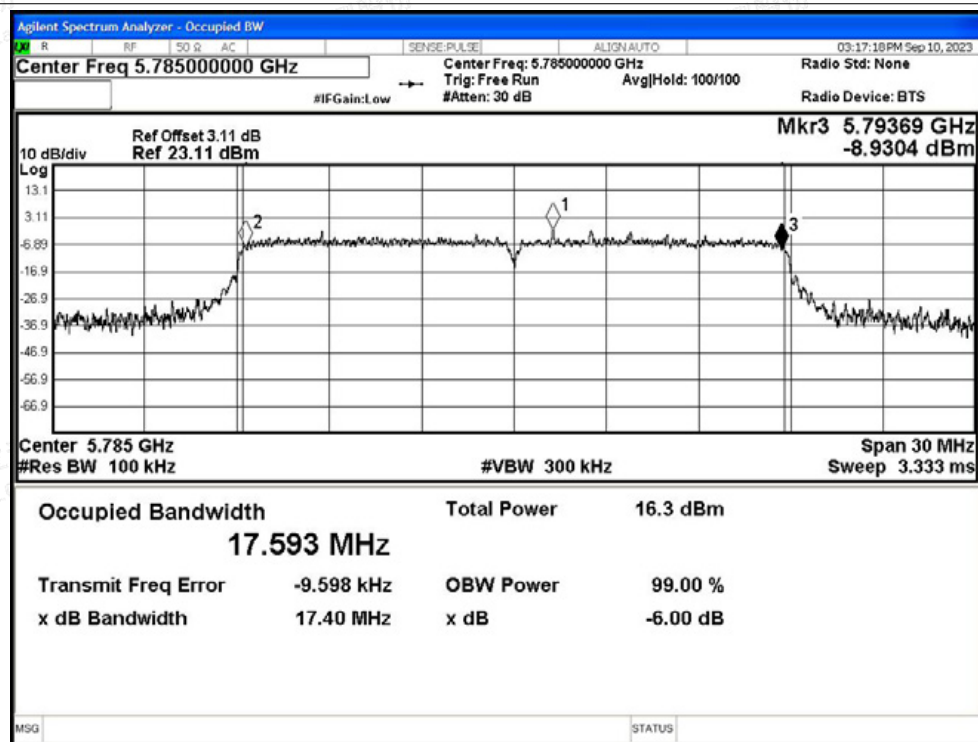




-6dB Bandwidth NVNT ac20 5745MHz Ant1

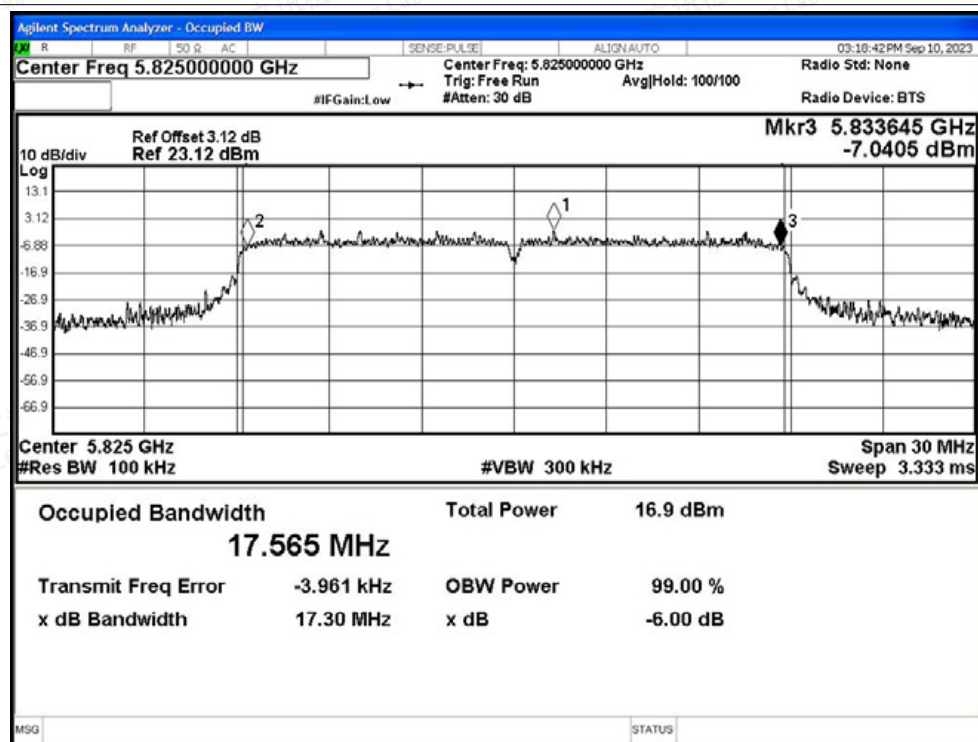


-6dB Bandwidth NVNT ac20 5785MHz Ant1

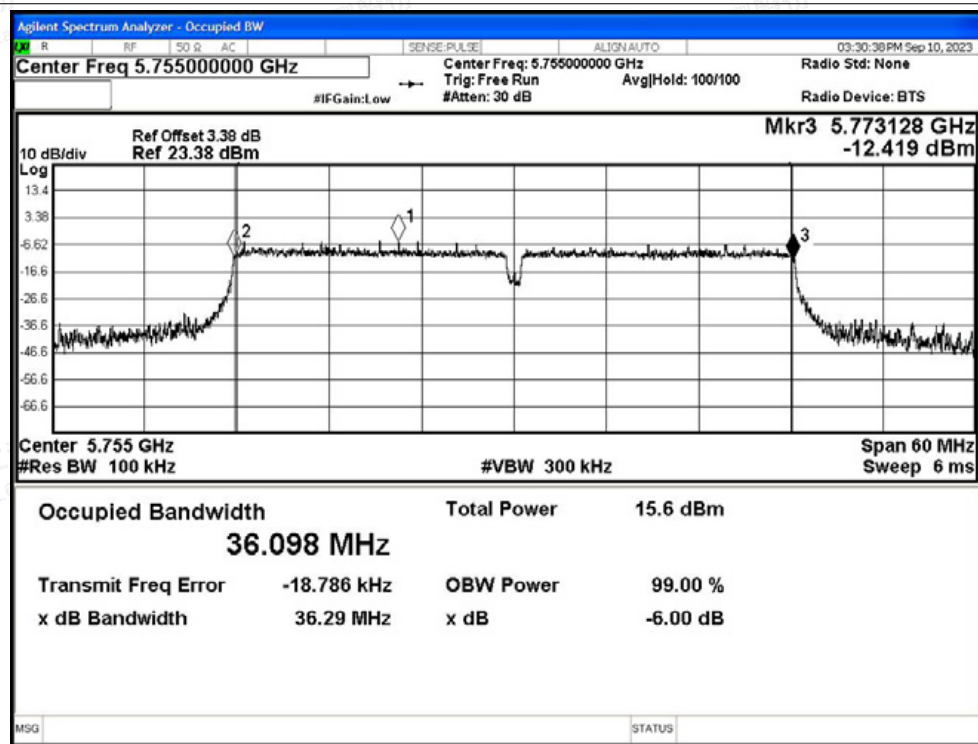




-6dB Bandwidth NVNT ac20 5825MHz Ant1

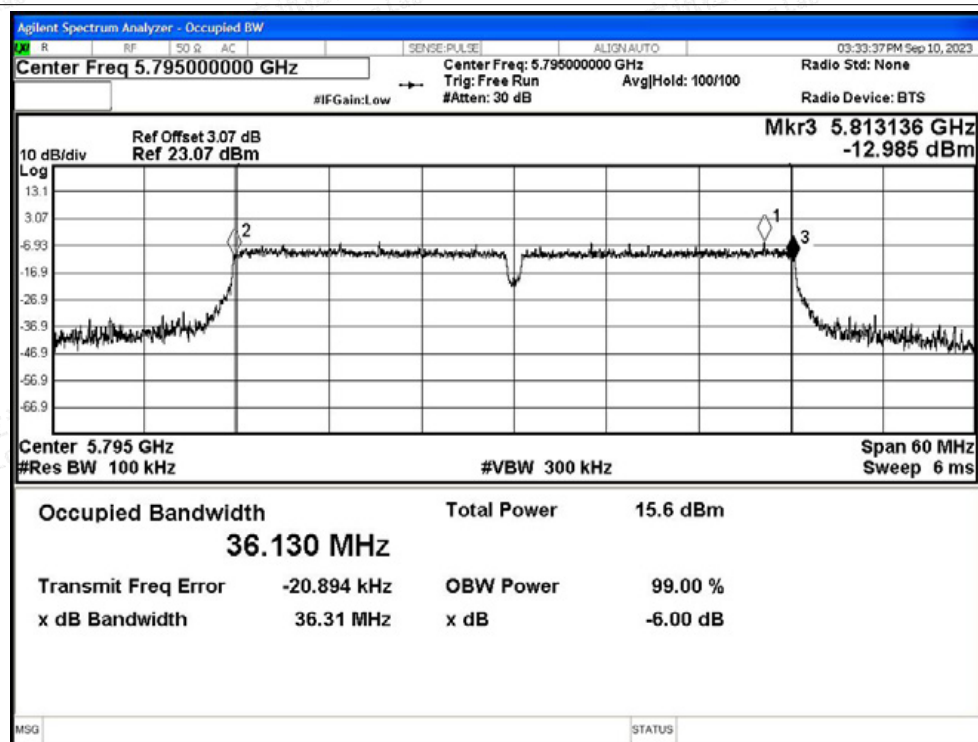


-6dB Bandwidth NVNT ac40 5755MHz Ant1

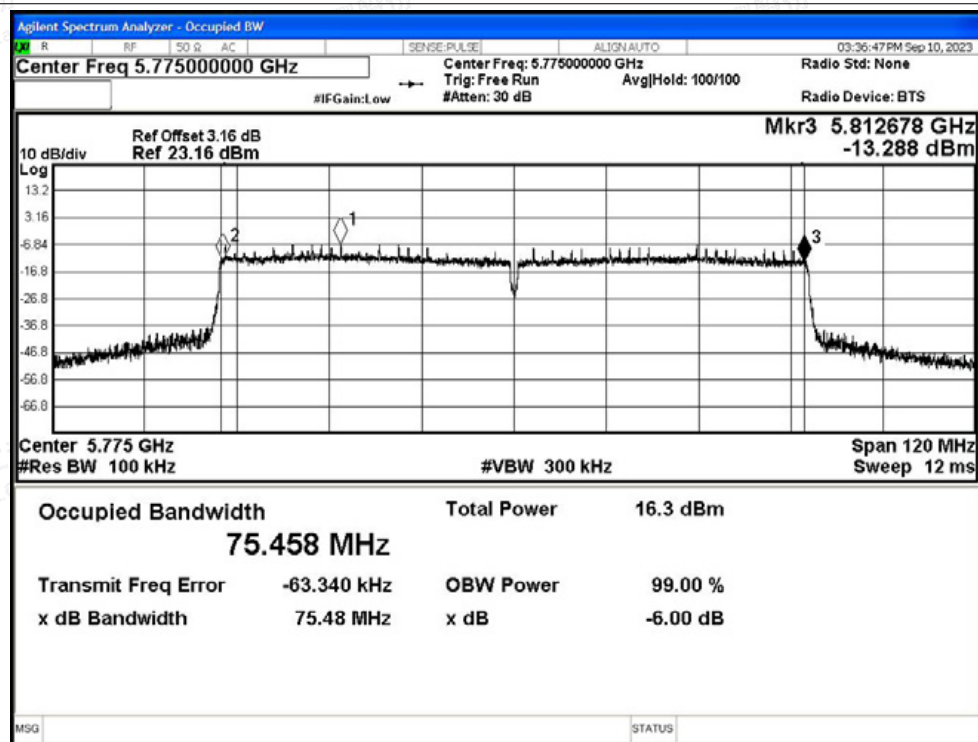




-6dB Bandwidth NVNT ac40 5795MHz Ant1



-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	12.01	0.14	12.15	30	Pass
NVNT	a	5785	Ant0	11.49	0.13	11.62	30	Pass
NVNT	a	5825	Ant0	10.43	0.13	10.56	30	Pass
NVNT	n20	5745	Ant0	11.26	0.15	11.41	30	Pass
NVNT	n20	5785	Ant0	10.93	0.15	11.08	30	Pass
NVNT	n20	5825	Ant0	10.22	0.15	10.37	30	Pass
NVNT	n40	5755	Ant0	10.7	0.29	10.99	30	Pass
NVNT	n40	5795	Ant0	10.03	0.29	10.32	30	Pass
NVNT	ac20	5745	Ant0	11.23	0.14	11.37	30	Pass
NVNT	ac20	5785	Ant0	10.79	0.15	10.94	30	Pass
NVNT	ac20	5825	Ant0	10.26	0.14	10.40	30	Pass
NVNT	ac40	5755	Ant0	10.71	0.28	10.99	30	Pass
NVNT	ac40	5795	Ant0	10.15	0.28	10.43	30	Pass
NVNT	ac80	5775	Ant0	10.42	0.55	10.97	30	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	11.11	0.24	11.35	30	Pass
NVNT	a	5785	Ant1	11.65	0.24	11.89	30	Pass
NVNT	a	5825	Ant1	11.23	0.24	11.47	30	Pass
NVNT	n20	5745	Ant1	10.49	0.28	10.77	30	Pass
NVNT	n20	5785	Ant1	10.86	0.28	11.14	30	Pass
NVNT	n20	5825	Ant1	10.47	0.28	10.75	30	Pass
NVNT	n40	5755	Ant1	9.53	0.12	9.65	30	Pass
NVNT	n40	5795	Ant1	10.71	0.12	10.83	30	Pass
NVNT	ac20	5745	Ant1	10.71	0.28	10.99	30	Pass
NVNT	ac20	5785	Ant1	9.99	0.28	10.27	30	Pass
NVNT	ac20	5825	Ant1	10.43	0.28	10.71	30	Pass
NVNT	ac40	5755	Ant1	9.21	0.12	9.33	30	Pass
NVNT	ac40	5795	Ant1	9.29	0.12	9.41	30	Pass
NVNT	ac80	5775	Ant1	9.35	0.25	9.6	30	Pass

Condition	Mode	Frequency (MHz)	Ant0 Total Power (dBm)	Ant1 Total Power (dBm)	MIMO Power (dBm)	Limit (dBm)	Verdict
NVNT	n20MIMO	5745	11.41	10.77	14.11	30	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



NVNT	n20MIMO	5785	11.08	11.14	14.12	30	Pass
NVNT	n20MIMO	5825	10.37	10.75	13.57	30	Pass
NVNT	n40MIMO	5755	10.99	9.65	13.38	30	Pass
NVNT	n40MIMO	5795	10.32	10.83	13.59	30	Pass
NVNT	ac20MIMO	5745	11.37	10.99	14.19	30	Pass
NVNT	ac20MIMO	5785	10.94	10.27	13.63	30	Pass
NVNT	ac20MIMO	5825	10.40	10.71	13.57	30	Pass
NVNT	ac40MIMO	5755	10.99	9.33	13.25	30	Pass
NVNT	ac40MIMO	5795	10.43	9.41	12.96	30	Pass
NVNT	ac80MIMO	5775	10.97	9.6	13.35	30	Pass





E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/500kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	a	5745	Ant0	-2.84	0.14	-2.7	30	Pass
NVNT	a	5785	Ant0	-4.2	0.13	-4.07	30	Pass
NVNT	a	5825	Ant0	-4.65	0.13	-4.52	30	Pass
NVNT	n20	5745	Ant0	-3.94	0.15	-3.79	30	Pass
NVNT	n20	5785	Ant0	-4.54	0.15	-4.39	30	Pass
NVNT	n20	5825	Ant0	-5.01	0.15	-4.86	30	Pass
NVNT	n40	5755	Ant0	-8.86	0.29	-8.57	30	Pass
NVNT	n40	5795	Ant0	-8.85	0.29	-8.56	30	Pass
NVNT	ac20	5745	Ant0	-3.68	0.14	-3.54	30	Pass
NVNT	ac20	5785	Ant0	-5.17	0.15	-5.02	30	Pass
NVNT	ac20	5825	Ant0	-5.14	0.14	-5	30	Pass
NVNT	ac40	5755	Ant0	-7.81	0.28	-7.53	30	Pass
NVNT	ac40	5795	Ant0	-8.82	0.28	-8.54	30	Pass
NVNT	ac80	5775	Ant0	-13.04	0.55	-12.49	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	Ant1	-2.6	0.24	-2.36	30	Pass
NVNT	a	5785	Ant1	-2.05	0.24	-1.81	30	Pass
NVNT	a	5825	Ant1	-2.43	0.24	-2.19	30	Pass
NVNT	n20	5745	Ant1	-3.26	0.28	-2.98	30	Pass
NVNT	n20	5785	Ant1	-3	0.28	-2.72	30	Pass
NVNT	n20	5825	Ant1	-3.18	0.28	-2.9	30	Pass
NVNT	n40	5755	Ant1	-7.13	0.12	-7.01	30	Pass
NVNT	n40	5795	Ant1	-6.06	0.12	-5.94	30	Pass
NVNT	ac20	5745	Ant1	-2.88	0.28	-2.6	30	Pass
NVNT	ac20	5785	Ant1	-3.75	0.28	-3.47	30	Pass
NVNT	ac20	5825	Ant1	-3.41	0.28	-3.13	30	Pass
NVNT	ac40	5755	Ant1	-7.45	0.12	-7.33	30	Pass
NVNT	ac40	5795	Ant1	-7.38	0.12	-7.26	30	Pass
NVNT	ac80	5775	Ant1	-9.84	0.25	-9.59	30	Pass

Condition	Mode	Frequency (MHz)	Ant0 PSD (dBm/500kHz)	Ant1 PSD (dBm/500kHz)	MIMO PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
NVNT	n20	5745	-3.79	-2.98	-0.36	30	Pass
NVNT	n20	5785	-4.39	-2.72	-0.46	30	Pass
NVNT	n20	5825	-4.86	-2.9	-0.76	30	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity



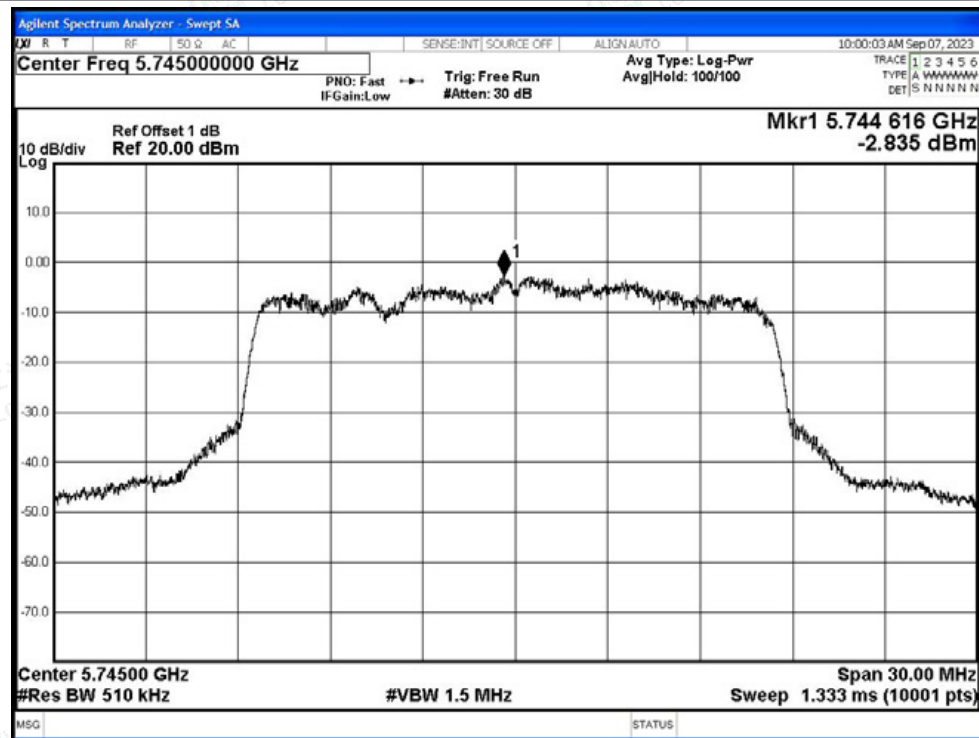
NVNT	n40	5755	-8.57	-7.01	-4.71	30	Pass
NVNT	n40	5795	-8.56	-5.94	-4.05	30	Pass
NVNT	ac20	5745	-3.54	-2.6	-0.03	30	Pass
NVNT	ac20	5785	-5.02	-3.47	-1.17	30	Pass
NVNT	ac20	5825	-5	-3.13	-0.95	30	Pass
NVNT	ac40	5755	-7.53	-7.33	-4.42	30	Pass
NVNT	ac40	5795	-8.54	-7.26	-4.84	30	Pass
NVNT	ac80	5775	-12.49	-9.59	-7.79	30	Pass



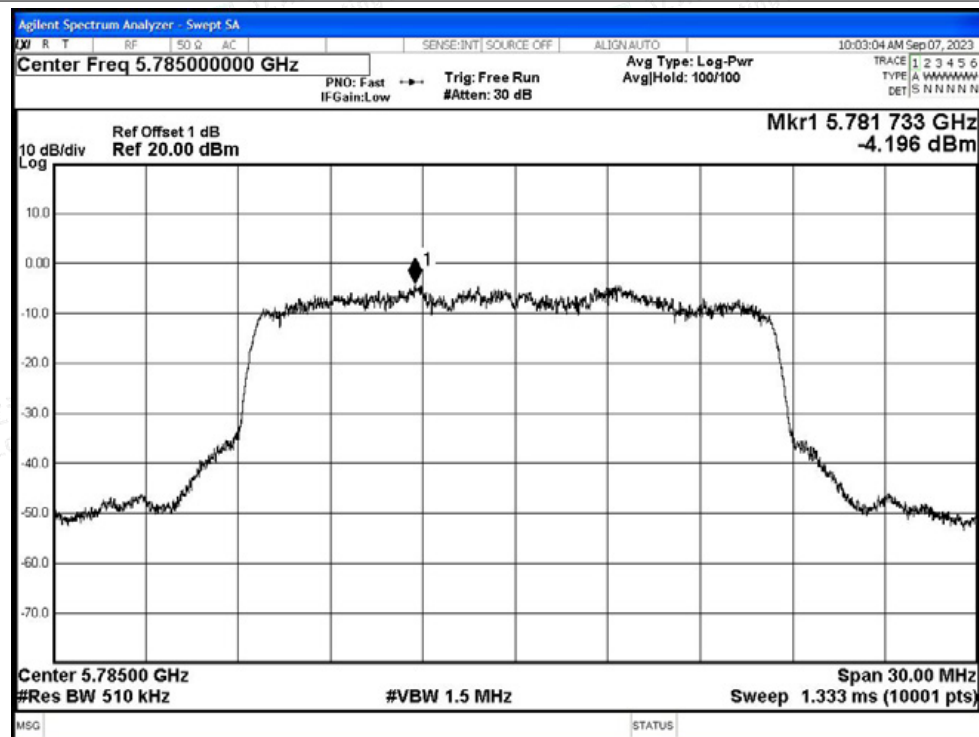


Test Graphs

PSD NVNT a 5745MHz Ant0

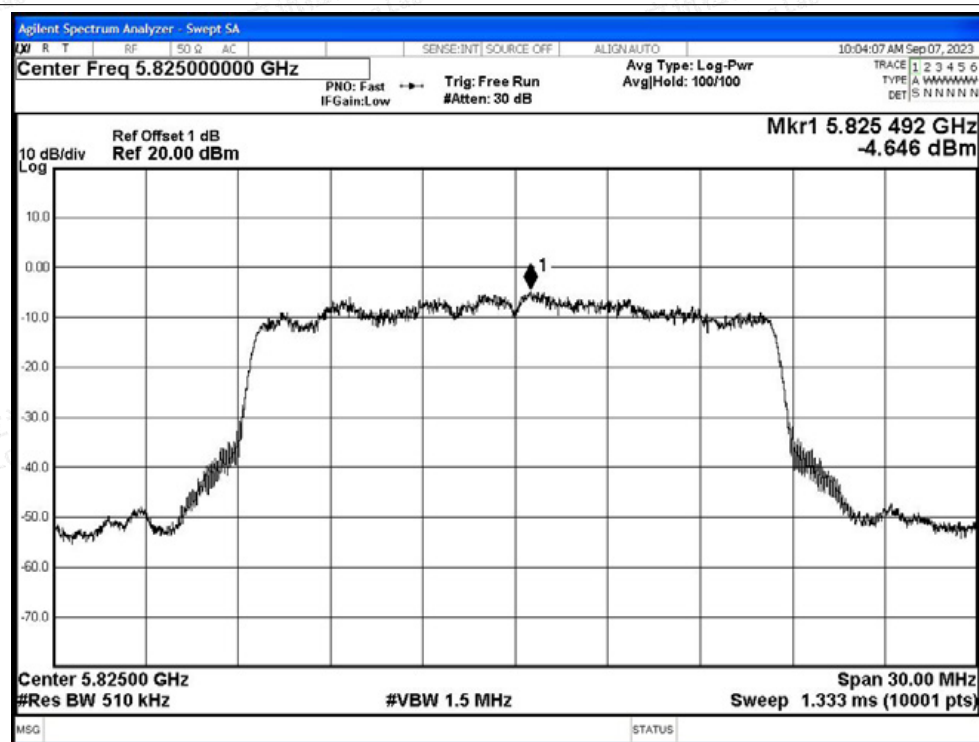


PSD NVNT a 5785MHz Ant0

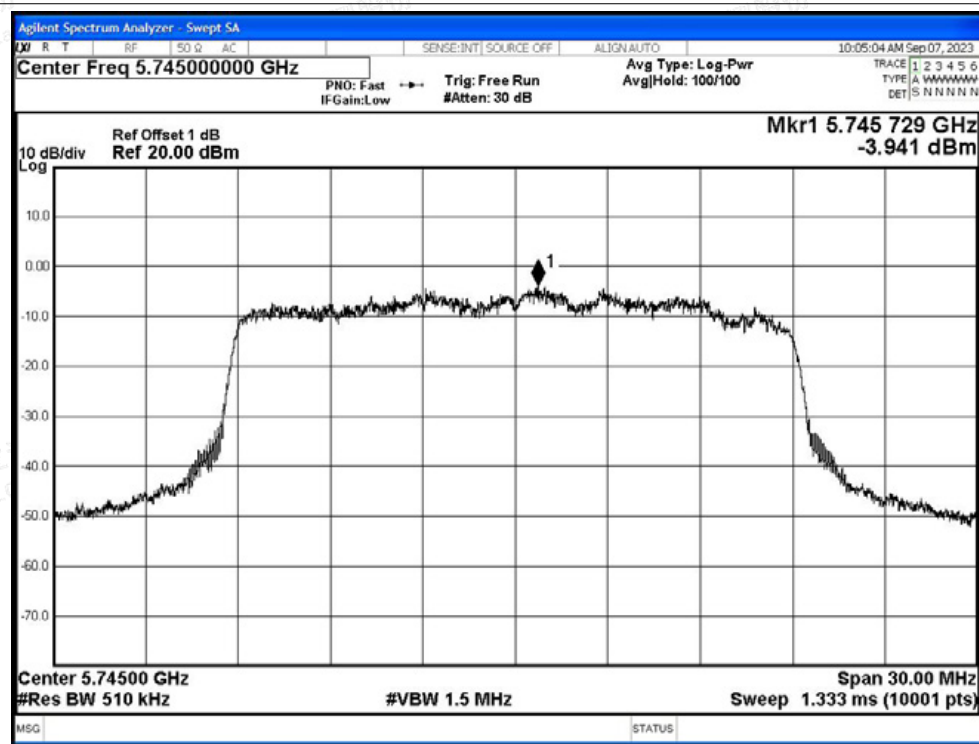




PSD NVNT a 5825MHz Ant0

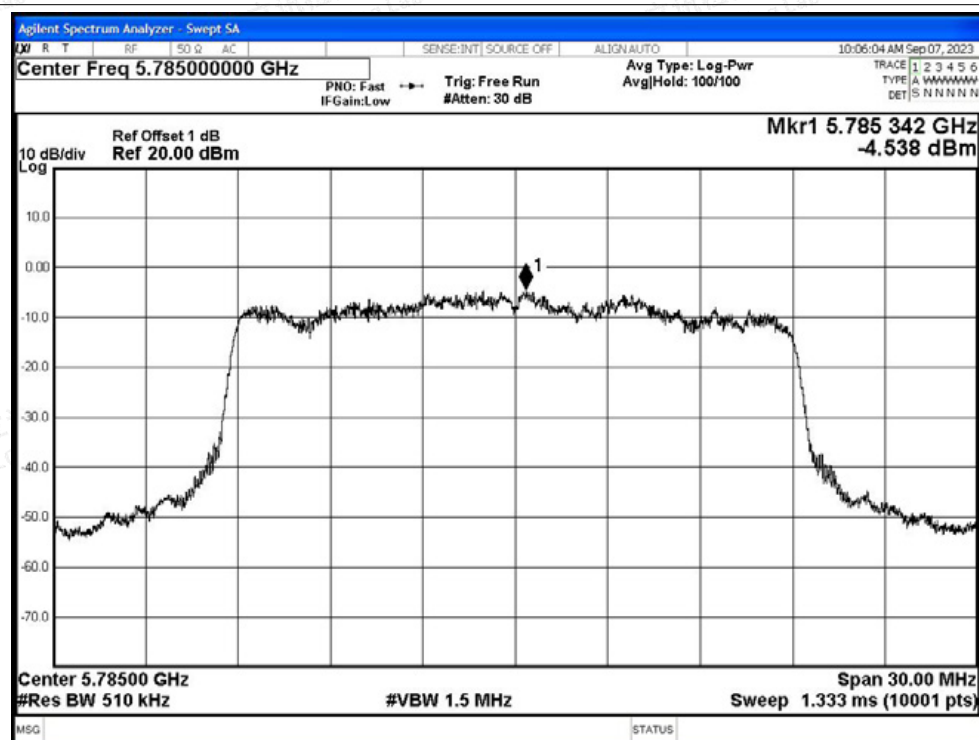


PSD NVNT n20 5745MHz Ant0

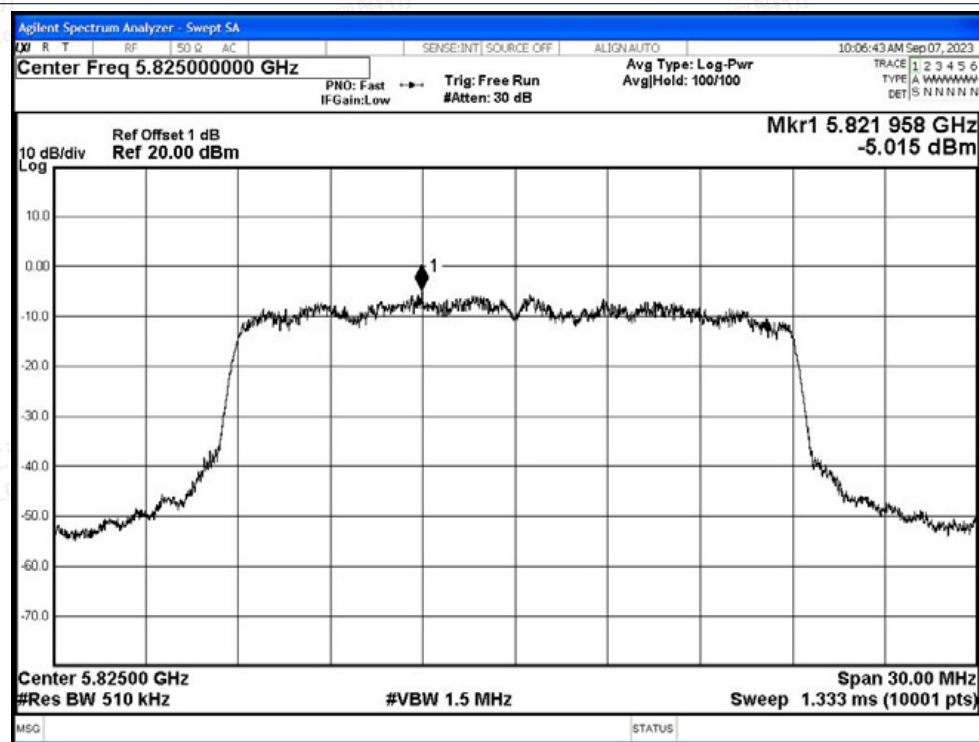




PSD NVNT n20 5785MHz Ant0

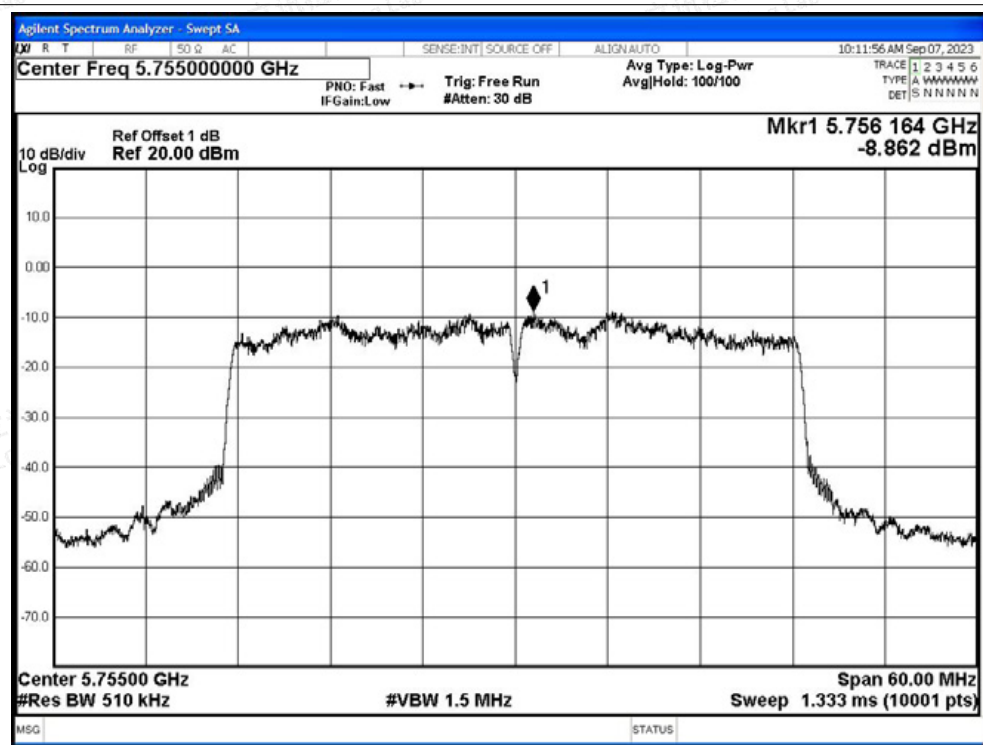


PSD NVNT n20 5825MHz Ant0

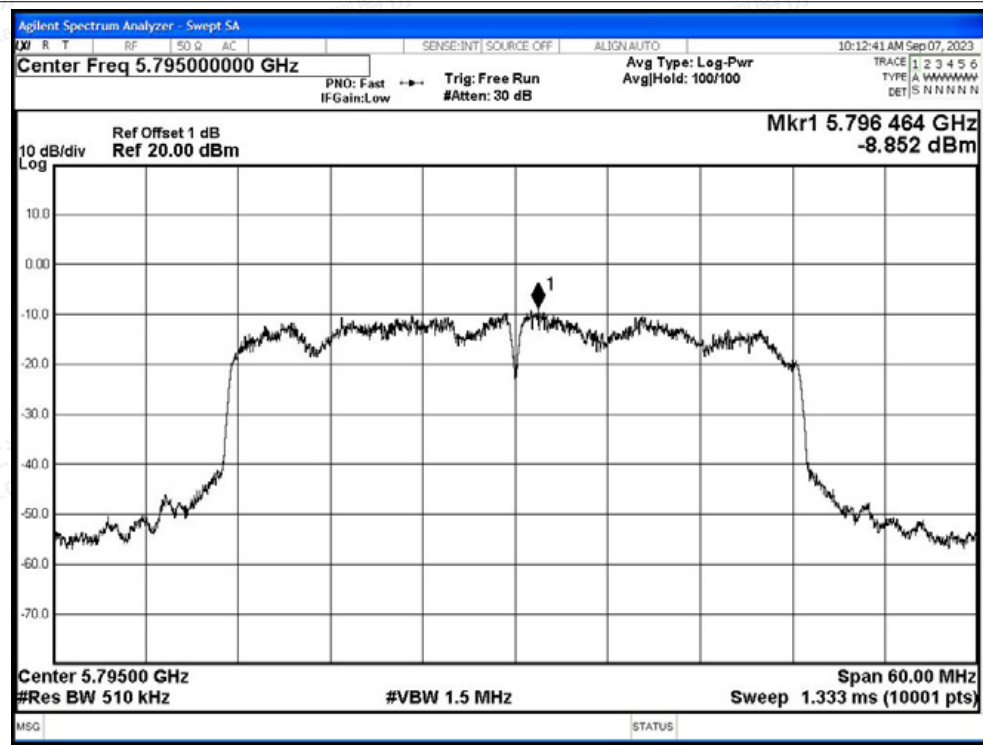




PSD NVNT n40 5755MHz Ant0

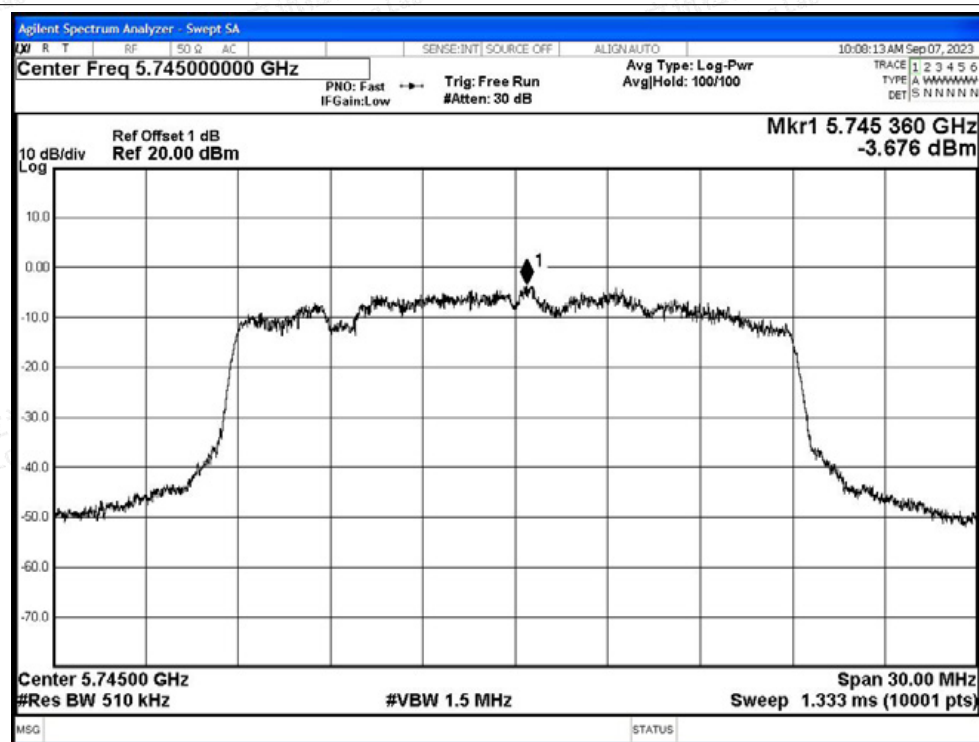


PSD NVNT n40 5795MHz Ant0

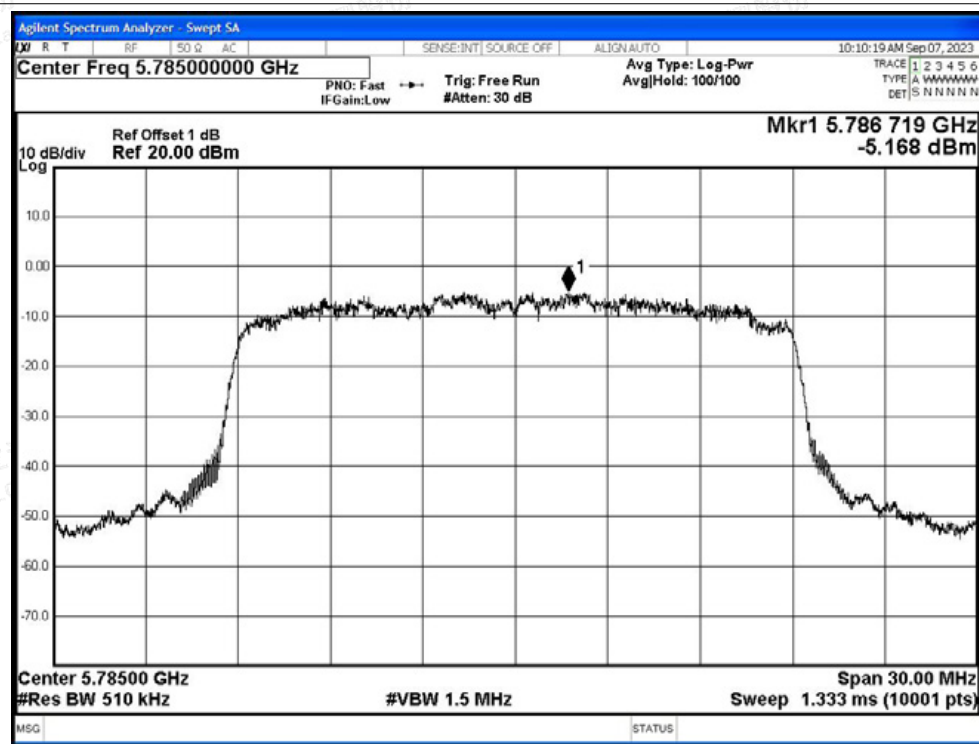




PSD NVNT ac20 5745MHz Ant0

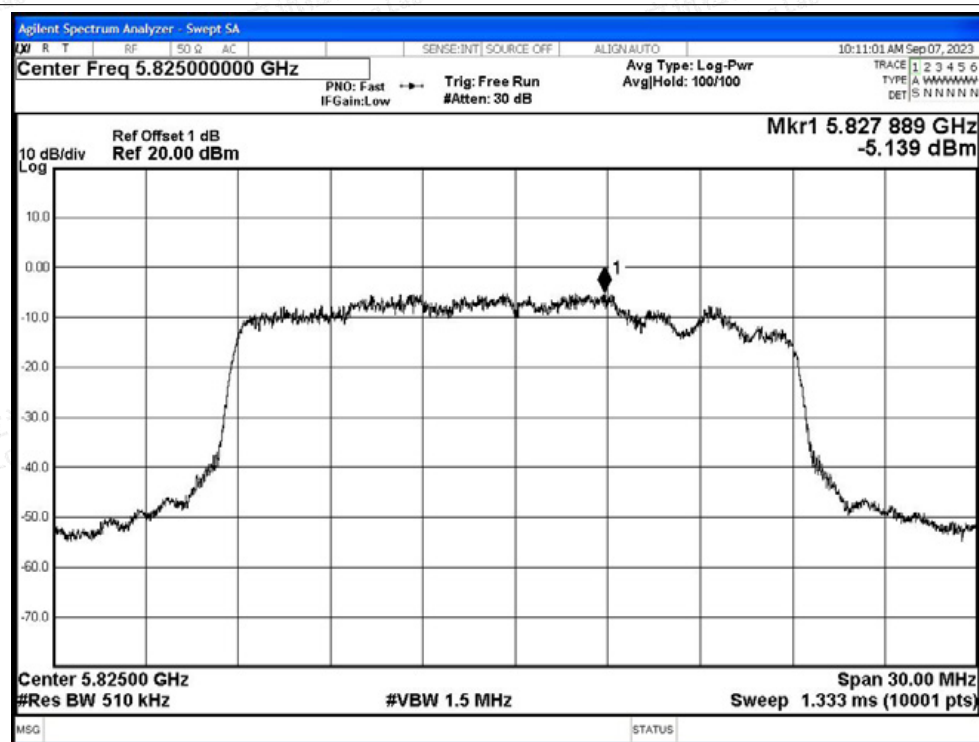


PSD NVNT ac20 5785MHz Ant0

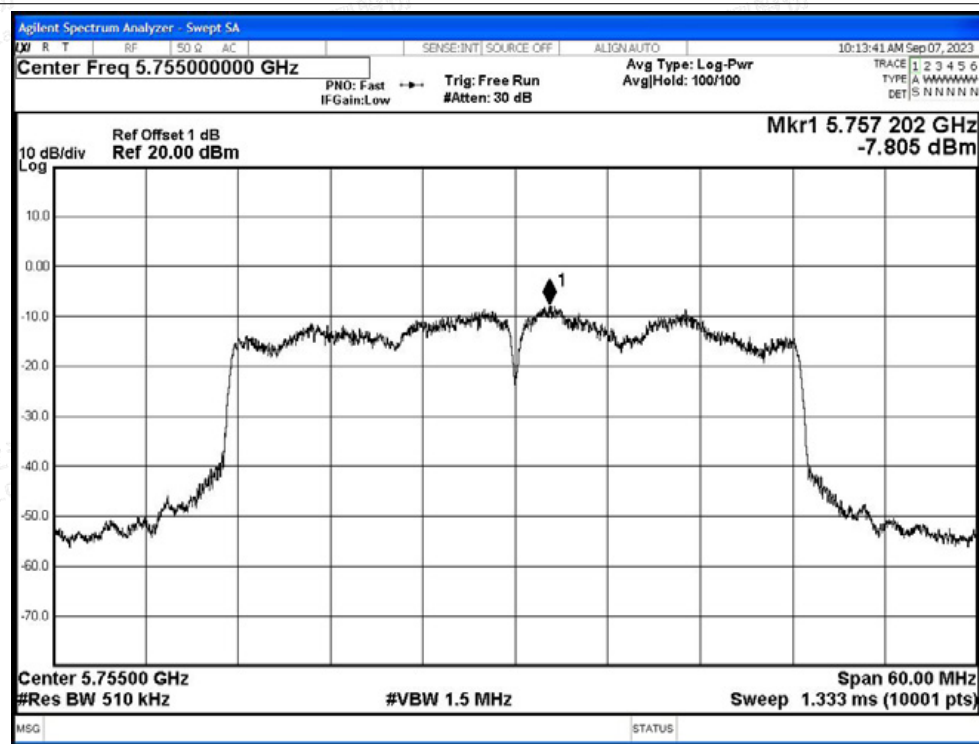




PSD NVNT ac20 5825MHz Ant0

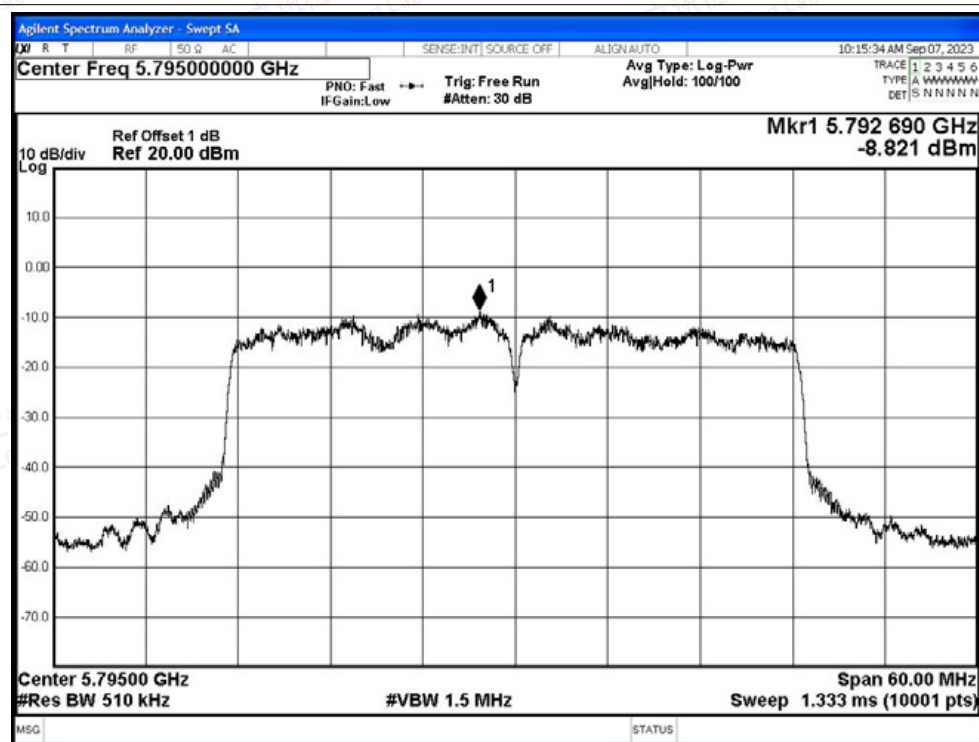


PSD NVNT ac40 5755MHz Ant0

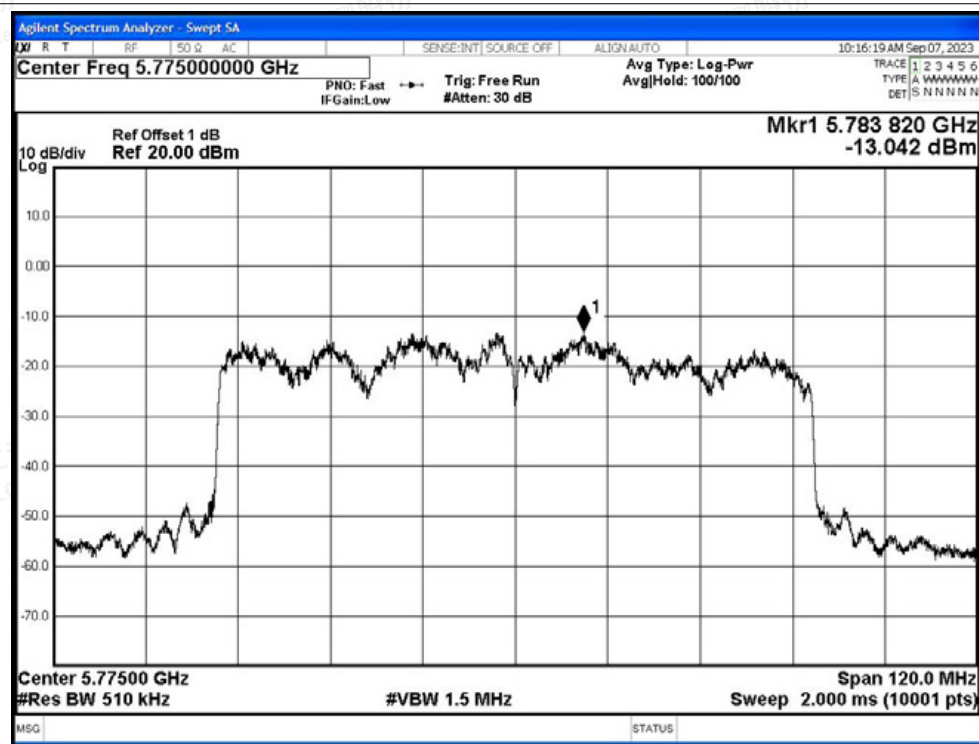




PSD NVNT ac40 5795MHz Ant0



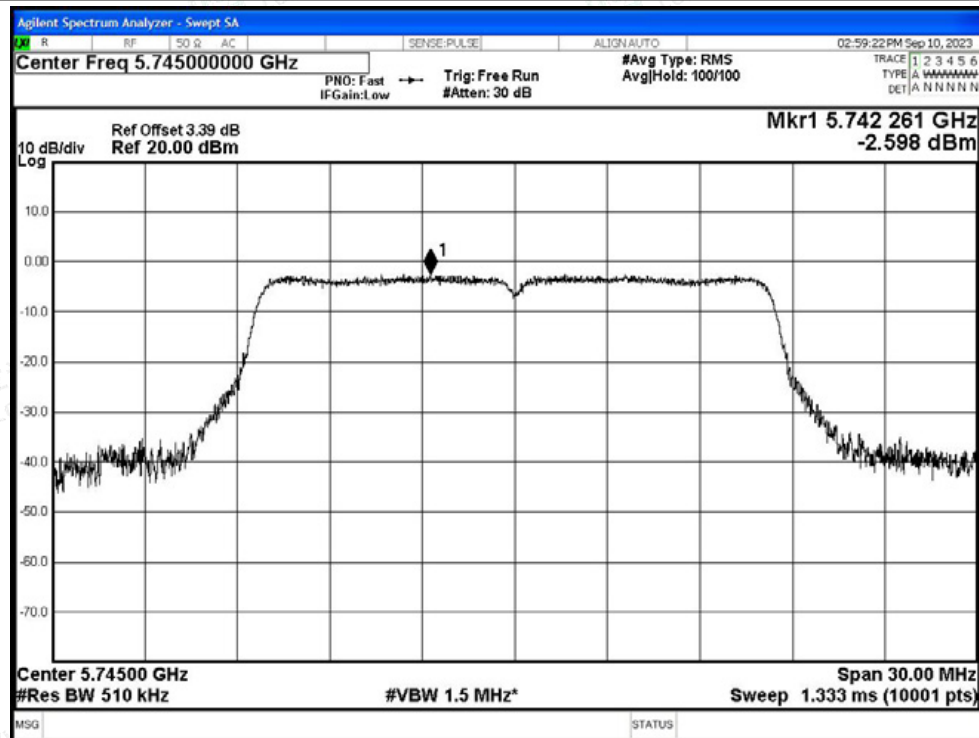
PSD NVNT ac80 5775MHz Ant0



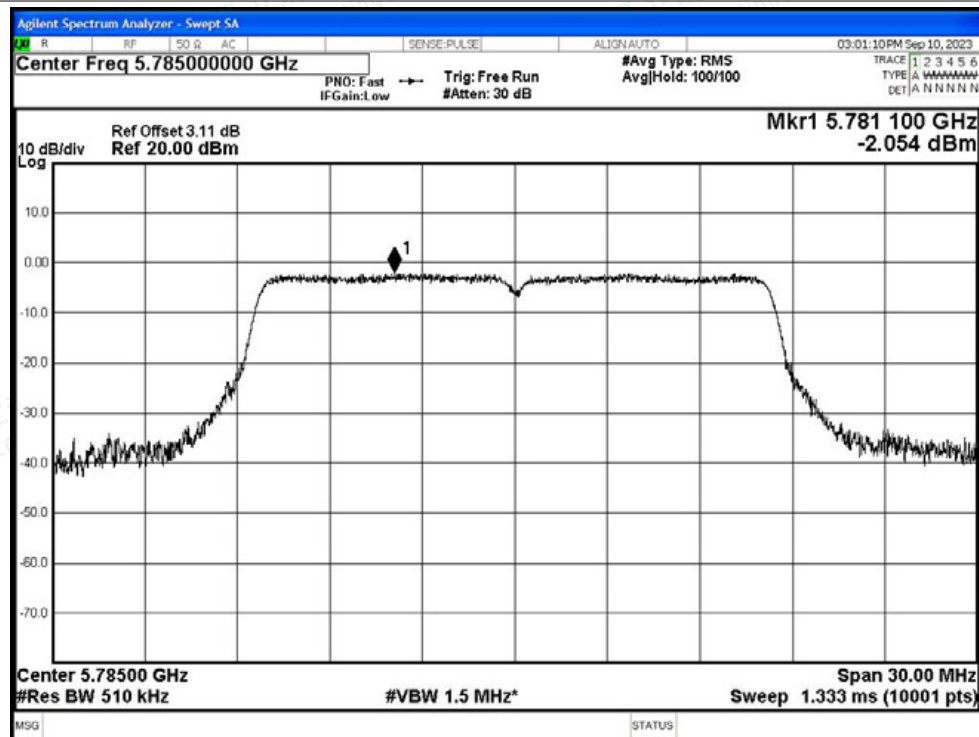


Test Graphs

PSD NVNT a 5745MHz Ant1

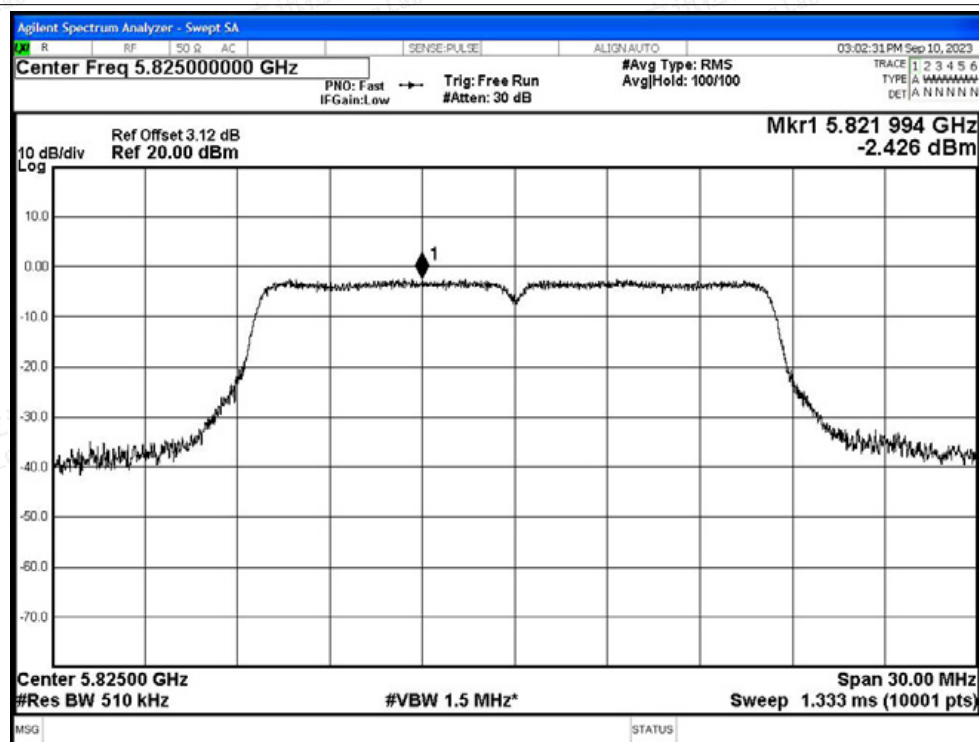


PSD NVNT a 5785MHz Ant1

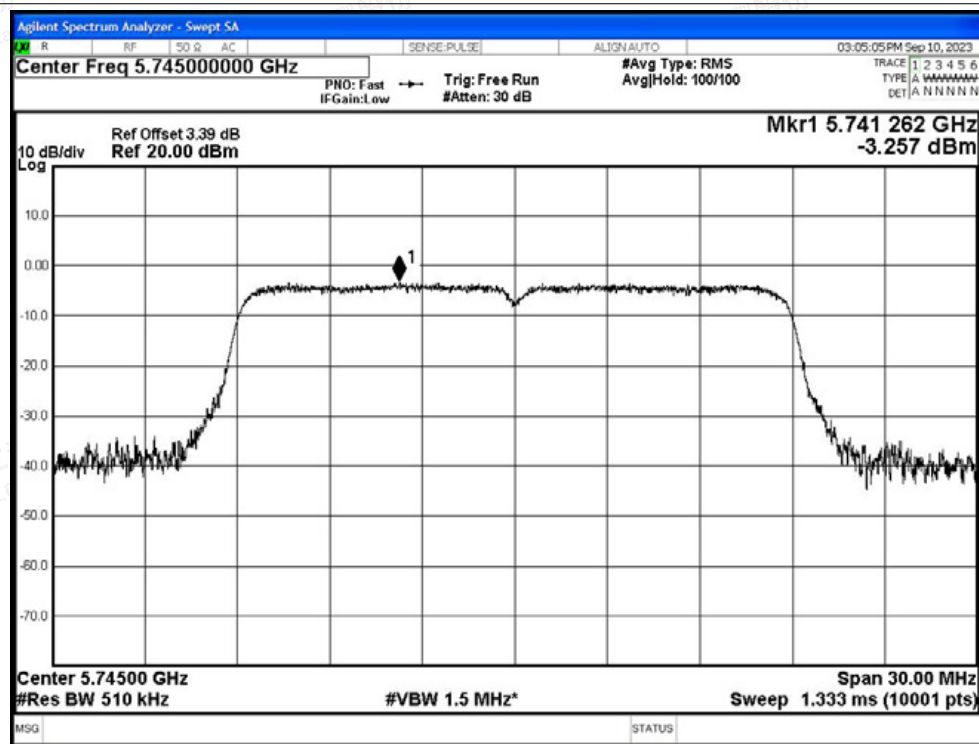


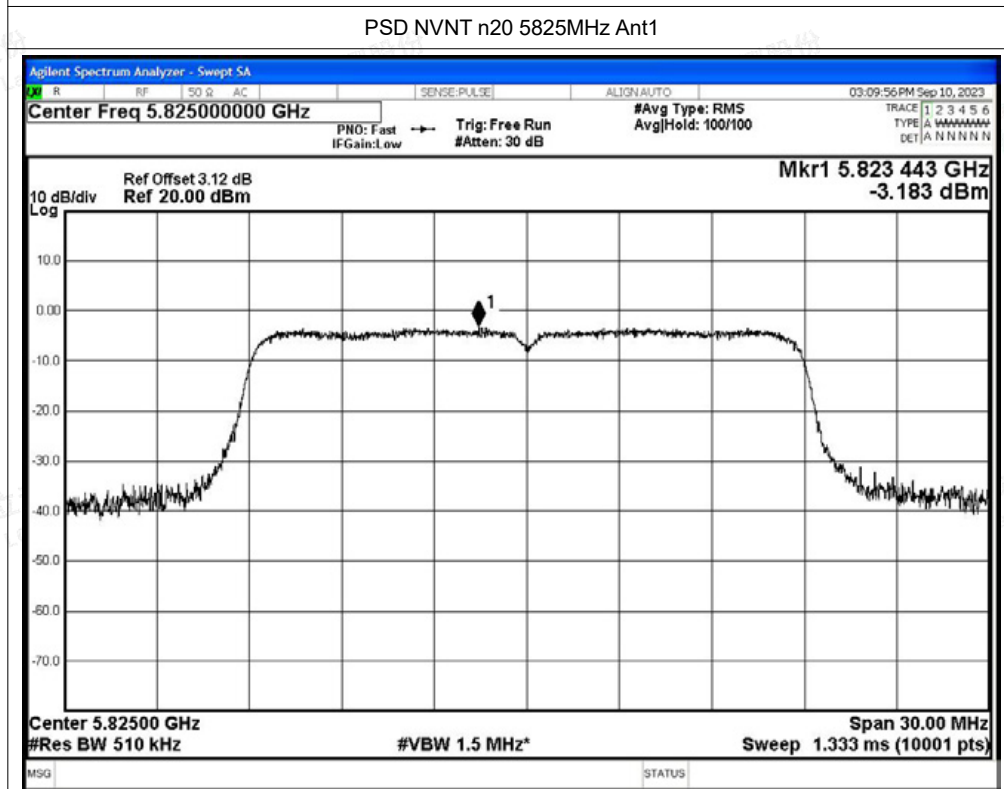
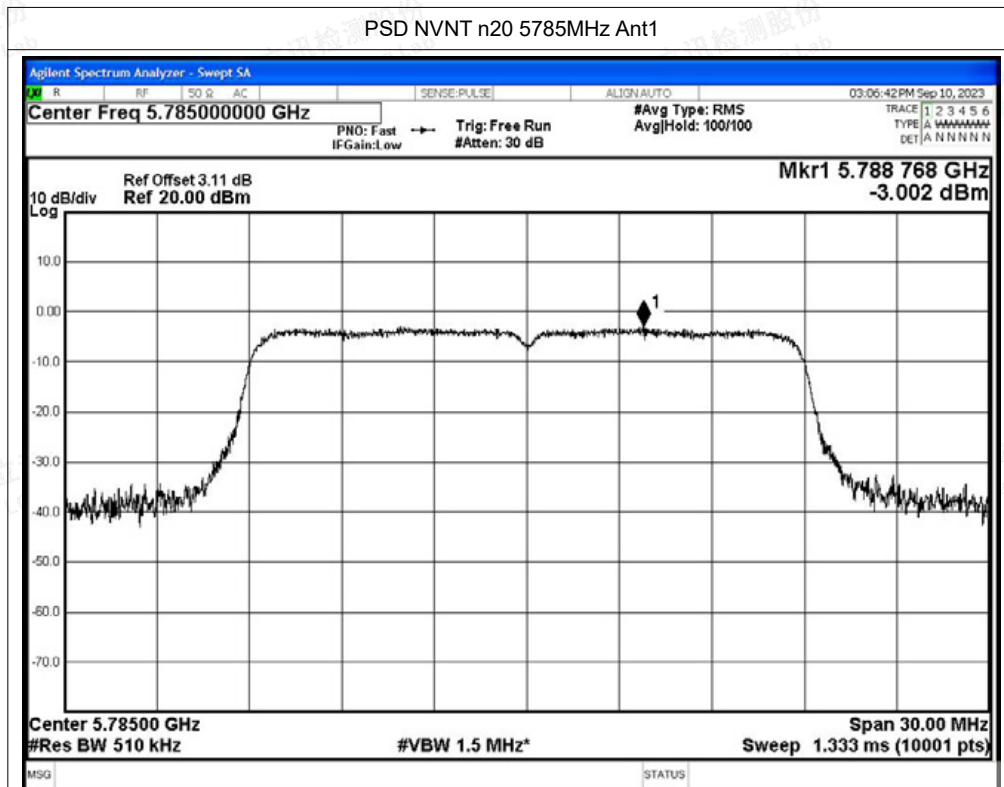


PSD NVNT a 5825MHz Ant1



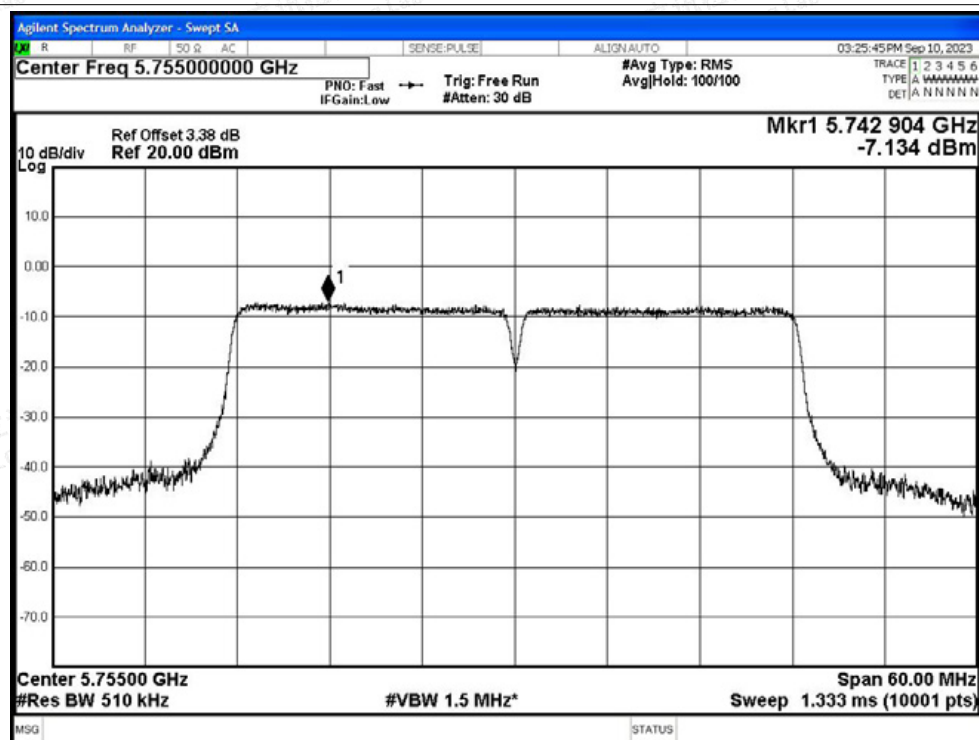
PSD NVNT n20 5745MHz Ant1



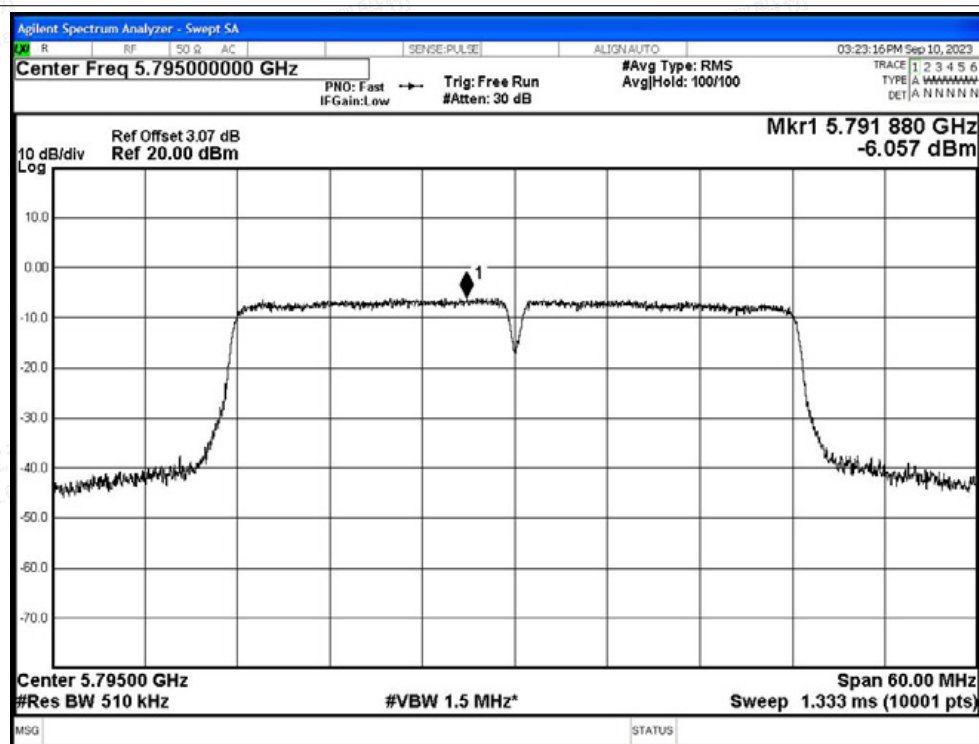




PSD NVNT n40 5755MHz Ant1

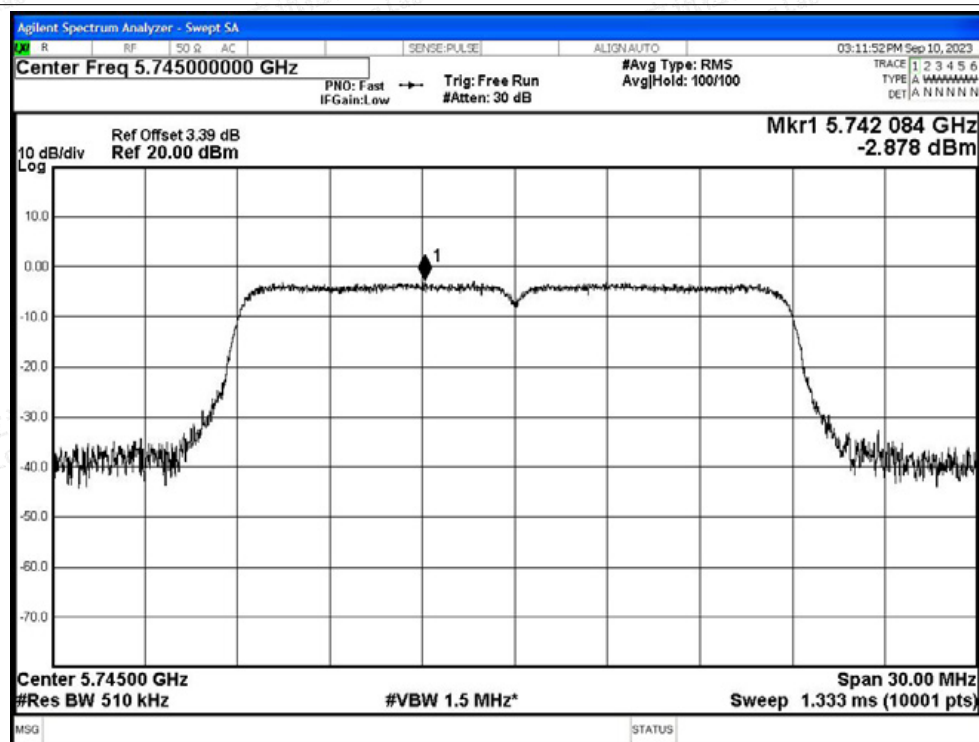


PSD NVNT n40 5795MHz Ant1

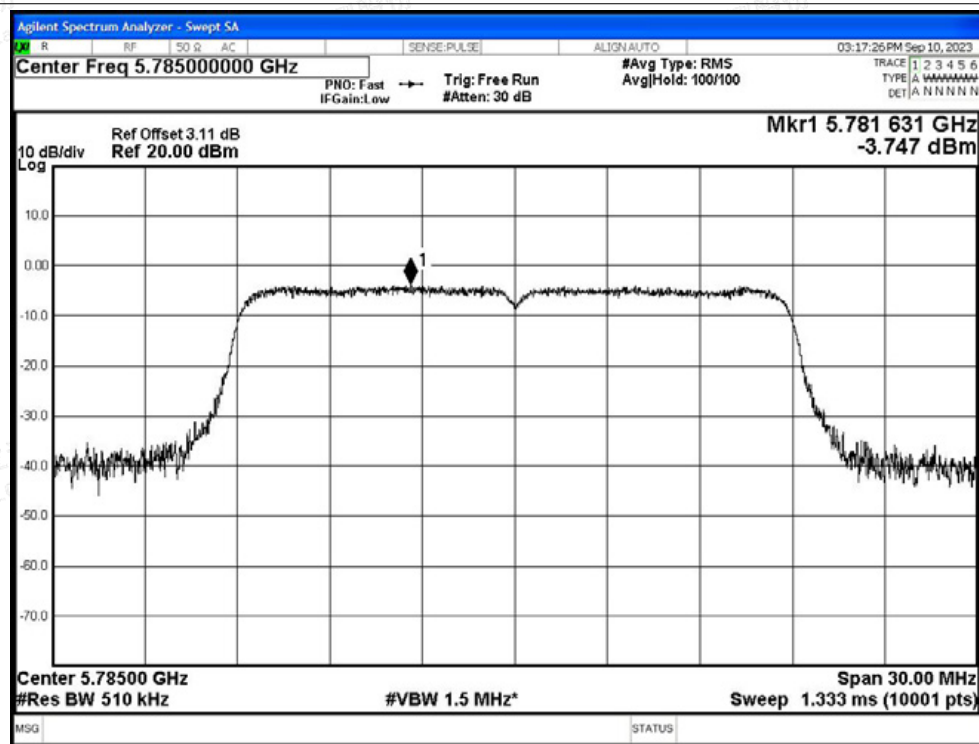




PSD NVNT ac20 5745MHz Ant1

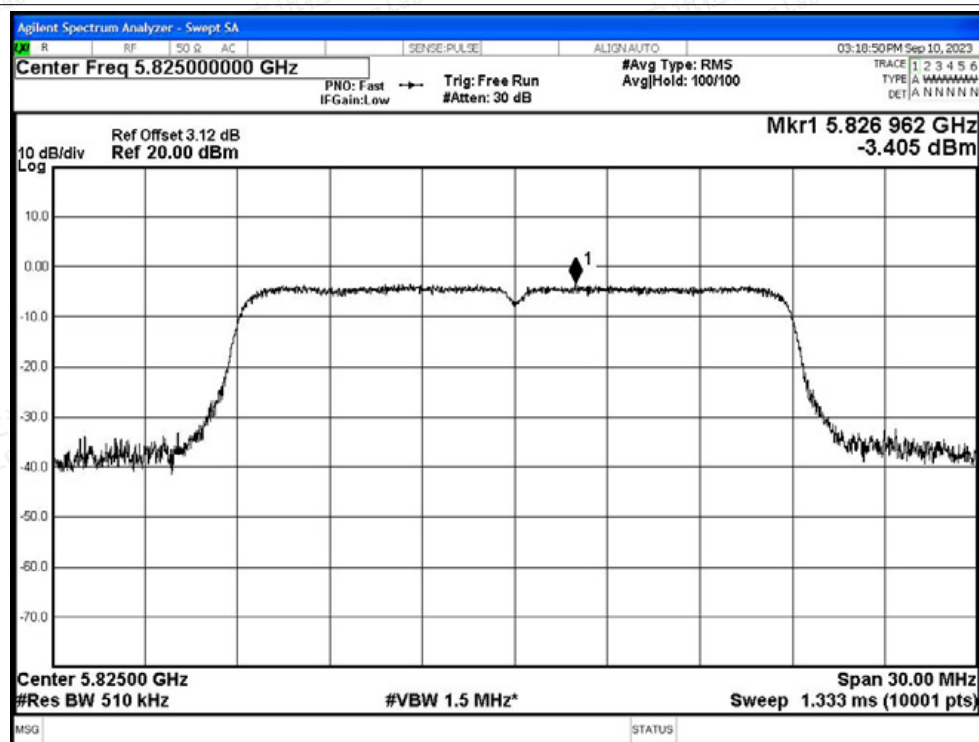


PSD NVNT ac20 5785MHz Ant1

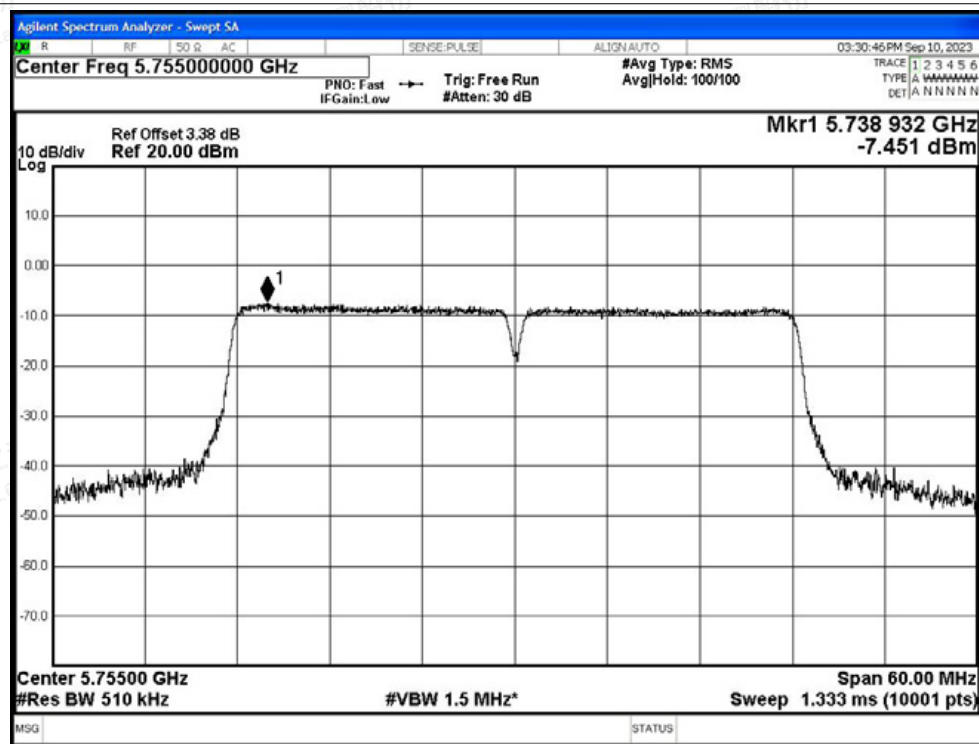




PSD NVNT ac20 5825MHz Ant1

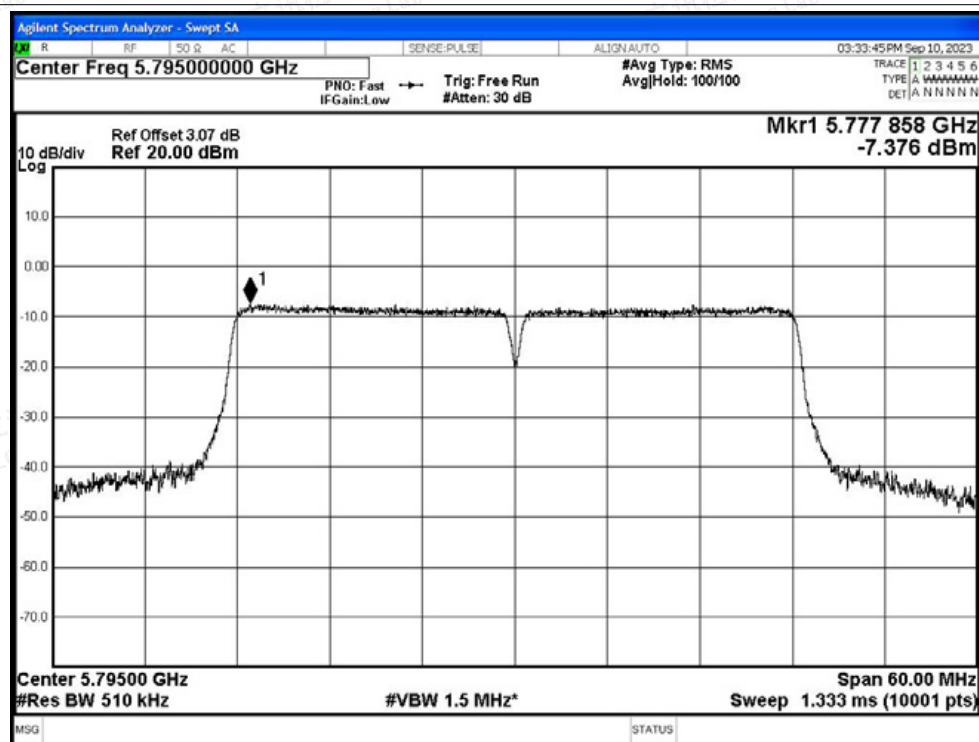


PSD NVNT ac40 5755MHz Ant1

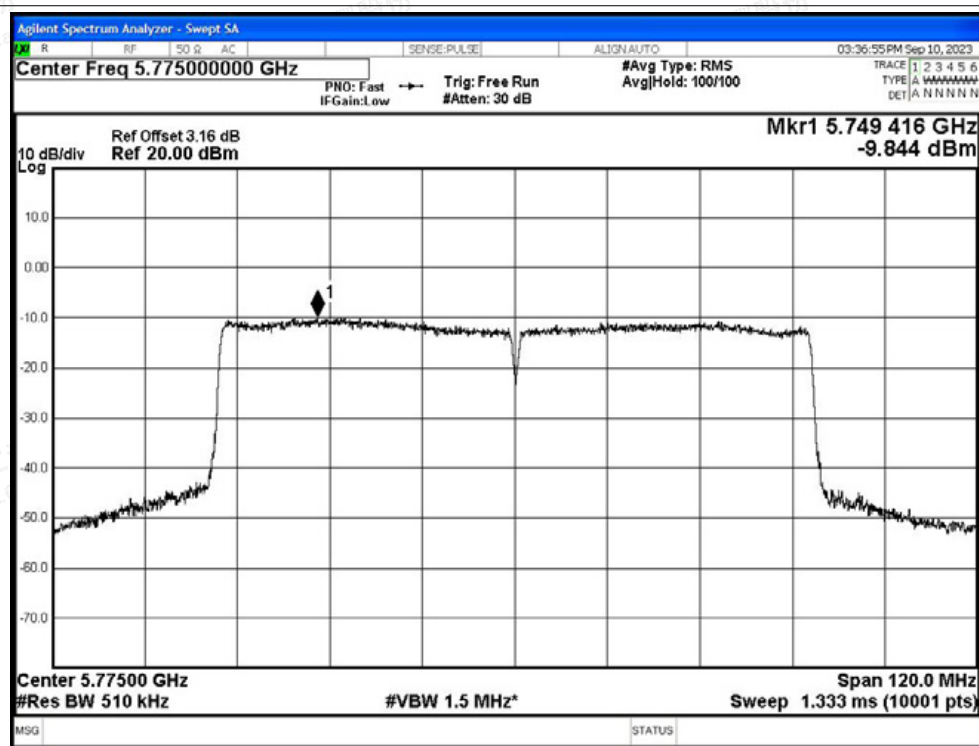




PSD NVNT ac40 5795MHz Ant1



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	-50.29	2.75	-47.54	Peak	-27	Pass
NVNT	a	5745	Ant0	5650	-58.13	2.75	-55.38	Average	-27	Pass
NVNT	a	5745	Ant0	5700	-47.82	2.75	-45.07	Peak	10	Pass
NVNT	a	5745	Ant0	5700	-57.48	2.75	-54.73	Average	10	Pass
NVNT	a	5745	Ant0	5720	-45.14	2.75	-42.39	Peak	15.6	Pass
NVNT	a	5745	Ant0	5720	-56.3	2.75	-53.55	Average	15.6	Pass
NVNT	a	5745	Ant0	5725	-40.08	2.75	-37.33	Peak	27	Pass
NVNT	a	5745	Ant0	5725	-55.04	2.75	-52.29	Average	27	Pass
NVNT	a	5825	Ant0	5850	-46.12	2.75	-43.37	Peak	27	Pass
NVNT	a	5825	Ant0	5850	-55.43	2.75	-52.68	Average	27	Pass
NVNT	a	5825	Ant0	5855	-46.71	2.75	-43.96	Peak	15.6	Pass
NVNT	a	5825	Ant0	5855	-55.99	2.75	-53.24	Average	15.6	Pass
NVNT	a	5825	Ant0	5875	-47.16	2.75	-44.41	Peak	10	Pass
NVNT	a	5825	Ant0	5875	-56.89	2.75	-54.14	Average	10	Pass
NVNT	a	5825	Ant0	5925	-48.28	2.75	-45.53	Peak	-27	Pass
NVNT	a	5825	Ant0	5925	-58.23	2.75	-55.48	Average	-27	Pass
NVNT	n20	5745	Ant0	5650	-48.96	2.75	-46.21	Peak	-27	Pass
NVNT	n20	5745	Ant0	5650	-58.07	2.75	-55.32	Average	-27	Pass
NVNT	n20	5745	Ant0	5700	-48.94	2.75	-46.19	Peak	10	Pass
NVNT	n20	5745	Ant0	5700	-57.32	2.75	-54.57	Average	10	Pass
NVNT	n20	5745	Ant0	5720	-47.01	2.75	-44.26	Peak	15.6	Pass
NVNT	n20	5745	Ant0	5720	-56.38	2.75	-53.63	Average	15.6	Pass
NVNT	n20	5745	Ant0	5725	-41.3	2.75	-38.55	Peak	27	Pass
NVNT	n20	5745	Ant0	5725	-54.96	2.75	-52.21	Average	27	Pass
NVNT	n20	5825	Ant0	5850	-40.07	2.75	-37.32	Peak	27	Pass
NVNT	n20	5825	Ant0	5850	-55.56	2.75	-52.81	Average	27	Pass
NVNT	n20	5825	Ant0	5855	-44.65	2.75	-41.9	Peak	15.6	Pass
NVNT	n20	5825	Ant0	5855	-56.06	2.75	-53.31	Average	15.6	Pass
NVNT	n20	5825	Ant0	5875	-45.05	2.75	-42.3	Peak	10	Pass
NVNT	n20	5825	Ant0	5875	-56.81	2.75	-54.06	Average	10	Pass
NVNT	n20	5825	Ant0	5925	-46.97	2.75	-44.22	Peak	-27	Pass
NVNT	n20	5825	Ant0	5925	-58.2	2.75	-55.45	Average	-27	Pass
NVNT	n40	5755	Ant0	5650	-49.53	2.75	-46.78	Peak	-27	Pass
NVNT	n40	5755	Ant0	5650	-58.06	2.75	-55.31	Average	-27	Pass
NVNT	n40	5755	Ant0	5700	-48.63	2.75	-45.88	Peak	10	Pass
NVNT	n40	5755	Ant0	5700	-57.07	2.75	-54.32	Average	10	Pass
NVNT	n40	5755	Ant0	5720	-38.18	2.75	-35.43	Peak	15.6	Pass



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



NVNT	n40	5755	Ant0	5720	-53.02	2.75	-50.27	Average	15.6	Pass
NVNT	n40	5755	Ant0	5725	-38.77	2.75	-36.02	Peak	27	Pass
NVNT	n40	5755	Ant0	5725	-51.76	2.75	-49.01	Average	27	Pass
NVNT	n40	5795	Ant0	5850	-43.08	2.75	-40.33	Peak	27	Pass
NVNT	n40	5795	Ant0	5850	-56.1	2.75	-53.35	Average	27	Pass
NVNT	n40	5795	Ant0	5855	-44.83	2.75	-42.08	Peak	15.6	Pass
NVNT	n40	5795	Ant0	5855	-55.85	2.75	-53.1	Average	15.6	Pass
NVNT	n40	5795	Ant0	5875	-47.88	2.75	-45.13	Peak	10	Pass
NVNT	n40	5795	Ant0	5875	-56.97	2.75	-54.22	Average	10	Pass
NVNT	n40	5795	Ant0	5925	-50.27	2.75	-47.52	Peak	-27	Pass
NVNT	n40	5795	Ant0	5925	-57.74	2.75	-54.99	Average	-27	Pass
NVNT	ac20	5745	Ant0	5650	-48.24	2.75	-45.49	Peak	-27	Pass
NVNT	ac20	5745	Ant0	5650	-57.9	2.75	-55.15	Average	-27	Pass
NVNT	ac20	5745	Ant0	5700	-47.8	2.75	-45.05	Peak	10	Pass
NVNT	ac20	5745	Ant0	5700	-57.51	2.75	-54.76	Average	10	Pass
NVNT	ac20	5745	Ant0	5720	-46.87	2.75	-44.12	Peak	15.6	Pass
NVNT	ac20	5745	Ant0	5720	-56.6	2.75	-53.85	Average	15.6	Pass
NVNT	ac20	5745	Ant0	5725	-39	2.75	-36.25	Peak	27	Pass
NVNT	ac20	5745	Ant0	5725	-55.36	2.75	-52.61	Average	27	Pass
NVNT	ac20	5825	Ant0	5850	-40.6	2.75	-37.85	Peak	27	Pass
NVNT	ac20	5825	Ant0	5850	-55.77	2.75	-53.02	Average	27	Pass
NVNT	ac20	5825	Ant0	5855	-45.19	2.75	-42.44	Peak	15.6	Pass
NVNT	ac20	5825	Ant0	5855	-55.99	2.75	-53.24	Average	15.6	Pass
NVNT	ac20	5825	Ant0	5875	-47.39	2.75	-44.64	Peak	10	Pass
NVNT	ac20	5825	Ant0	5875	-56.92	2.75	-54.17	Average	10	Pass
NVNT	ac20	5825	Ant0	5925	-48.52	2.75	-45.77	Peak	-27	Pass
NVNT	ac20	5825	Ant0	5925	-58.23	2.75	-55.48	Average	-27	Pass
NVNT	ac40	5755	Ant0	5650	-48.56	2.75	-45.81	Peak	-27	Pass
NVNT	ac40	5755	Ant0	5650	-57.76	2.75	-55.01	Average	-27	Pass
NVNT	ac40	5755	Ant0	5700	-47.6	2.75	-44.85	Peak	10	Pass
NVNT	ac40	5755	Ant0	5700	-57.06	2.75	-54.31	Average	10	Pass
NVNT	ac40	5755	Ant0	5720	-41.9	2.75	-39.15	Peak	15.6	Pass
NVNT	ac40	5755	Ant0	5720	-52.91	2.75	-50.16	Average	15.6	Pass
NVNT	ac40	5755	Ant0	5725	-42.44	2.75	-39.69	Peak	27	Pass
NVNT	ac40	5755	Ant0	5725	-52.09	2.75	-49.34	Average	27	Pass
NVNT	ac40	5795	Ant0	5850	-45.87	2.75	-43.12	Peak	27	Pass
NVNT	ac40	5795	Ant0	5850	-56.08	2.75	-53.33	Average	27	Pass
NVNT	ac40	5795	Ant0	5855	-46.85	2.75	-44.1	Peak	15.6	Pass
NVNT	ac40	5795	Ant0	5855	-56.22	2.75	-53.47	Average	15.6	Pass
NVNT	ac40	5795	Ant0	5875	-49	2.75	-46.25	Peak	10	Pass
NVNT	ac40	5795	Ant0	5875	-57	2.75	-54.25	Average	10	Pass





NVNT	ac40	5795	Ant0	5925	-49.45	2.75	-46.7	Peak	-27	Pass
NVNT	ac40	5795	Ant0	5925	-58.01	2.75	-55.26	Average	-27	Pass

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	ac80	5775	Ant0	5650	-51.11	2.75	-	-48.36	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5650	-58.08	2.75	0.25	-55.08	Average	-27	Pass
NVNT	ac80	5775	Ant0	5700	-50.98	2.75	-	-48.23	Peak	10	Pass
NVNT	ac80	5775	Ant0	5700	-57.66	2.75	0.25	-54.66	Average	10	Pass
NVNT	ac80	5775	Ant0	5720	-41.86	2.75	-	-39.11	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5720	-55.43	2.75	0.25	-52.43	Average	15.6	Pass
NVNT	ac80	5775	Ant0	5725	-41.86	2.75	-	-39.11	Peak	27	Pass
NVNT	ac80	5775	Ant0	5725	-54.19	2.75	0.25	-51.19	Average	27	Pass
NVNT	ac80	5775	Ant0	5850	-49.58	2.75	-	-46.83	Peak	27	Pass
NVNT	ac80	5775	Ant0	5850	-58.49	2.75	0.25	-55.49	Average	27	Pass
NVNT	ac80	5775	Ant0	5855	-50.73	2.75	-	-47.98	Peak	15.6	Pass
NVNT	ac80	5775	Ant0	5855	-57.92	2.75	0.25	-54.92	Average	15.6	Pass
NVNT	ac80	5775	Ant0	5875	-50.17	2.75	-	-47.42	Peak	10	Pass
NVNT	ac80	5775	Ant0	5875	-57.8	2.75	0.25	-54.8	Average	10	Pass
NVNT	ac80	5775	Ant0	5925	-49	2.75	-	-46.25	Peak	-27	Pass
NVNT	ac80	5775	Ant0	5925	-57.5	2.75	0.25	-54.5	Average	-27	Pass





Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	5650	-49.41	2.51	-	-46.9	Peak	-27	Pass
NVNT	a	5745	Ant1	5650	-57.56	2.51	0.24	-54.81	Average	-27	Pass
NVNT	a	5745	Ant1	5700	-49.08	2.51	-	-46.57	Peak	10	Pass
NVNT	a	5745	Ant1	5700	-57.41	2.51	0.24	-54.66	Average	10	Pass
NVNT	a	5745	Ant1	5720	-40.65	2.51	-	-38.14	Peak	15.6	Pass
NVNT	a	5745	Ant1	5720	-55.27	2.51	0.24	-52.52	Average	15.6	Pass
NVNT	a	5745	Ant1	5725	-35.72	2.51	-	-33.21	Peak	27	Pass
NVNT	a	5745	Ant1	5725	-52.83	2.51	0.24	-50.08	Average	27	Pass
NVNT	a	5825	Ant1	5850	-44.24	2.51	-	-41.73	Peak	27	Pass
NVNT	a	5825	Ant1	5850	-55.55	2.51	0.24	-52.8	Average	27	Pass
NVNT	a	5825	Ant1	5855	-48.27	2.51	-	-45.76	Peak	15.6	Pass
NVNT	a	5825	Ant1	5855	-57.64	2.51	0.24	-54.89	Average	15.6	Pass
NVNT	a	5825	Ant1	5875	-49.07	2.51	-	-46.56	Peak	10	Pass
NVNT	a	5825	Ant1	5875	-57.85	2.51	0.24	-55.1	Average	10	Pass
NVNT	a	5825	Ant1	5925	-50.07	2.51	-	-47.56	Peak	-27	Pass
NVNT	a	5825	Ant1	5925	-57.41	2.51	0.24	-54.66	Average	-27	Pass
NVNT	n20	5745	Ant1	5650	-49.71	2.51	-	-47.2	Peak	-27	Pass
NVNT	n20	5745	Ant1	5650	-57.23	2.51	0.28	-54.44	Average	-27	Pass
NVNT	n20	5745	Ant1	5700	-50.45	2.51	-	-47.94	Peak	10	Pass
NVNT	n20	5745	Ant1	5700	-57.64	2.51	0.28	-54.85	Average	10	Pass
NVNT	n20	5745	Ant1	5720	-40.8	2.51	-	-38.29	Peak	15.6	Pass
NVNT	n20	5745	Ant1	5720	-54.22	2.51	0.28	-51.43	Average	15.6	Pass
NVNT	n20	5745	Ant1	5725	-30.92	2.51	-	-28.41	Peak	27	Pass
NVNT	n20	5745	Ant1	5725	-49.45	2.51	0.28	-46.66	Average	27	Pass
NVNT	n20	5825	Ant1	5850	-43.06	2.51	-	-40.55	Peak	27	Pass
NVNT	n20	5825	Ant1	5850	-55.19	2.51	0.28	-52.4	Average	27	Pass
NVNT	n20	5825	Ant1	5855	-49.71	2.51	-	-47.2	Peak	15.6	Pass
NVNT	n20	5825	Ant1	5855	-56.7	2.51	0.28	-53.91	Average	15.6	Pass
NVNT	n20	5825	Ant1	5875	-51.22	2.51	-	-48.71	Peak	10	Pass
NVNT	n20	5825	Ant1	5875	-58.34	2.51	0.28	-55.55	Average	10	Pass
NVNT	n20	5825	Ant1	5925	-48.13	2.51	-	-45.62	Peak	-27	Pass
NVNT	n20	5825	Ant1	5925	-58.03	2.51	0.28	-55.24	Average	-27	Pass
NVNT	n40	5755	Ant1	5650	-50.33	2.51	-	-47.82	Peak	-27	Pass
NVNT	n40	5755	Ant1	5650	-57.75	2.51	0.12	-55.12	Average	-27	Pass
NVNT	n40	5755	Ant1	5700	-47.87	2.51	-	-45.36	Peak	10	Pass
NVNT	n40	5755	Ant1	5700	-58.03	2.51	0.12	-55.4	Average	10	Pass





NVNT	n40	5755	Ant1	5720	-41.06	2.51	-	-38.55	Peak	15.6	Pass
NVNT	n40	5755	Ant1	5720	-53.99	2.51	0.12	-51.36	Average	15.6	Pass
NVNT	n40	5755	Ant1	5725	-31.05	2.51	-	-28.54	Peak	27	Pass
NVNT	n40	5755	Ant1	5725	-52	2.51	0.12	-49.37	Average	27	Pass
NVNT	n40	5795	Ant1	5850	-51.13	2.51	-	-48.62	Peak	27	Pass
NVNT	n40	5795	Ant1	5850	-58.33	2.51	0.12	-55.7	Average	27	Pass
NVNT	n40	5795	Ant1	5855	-50.56	2.51	-	-48.05	Peak	15.6	Pass
NVNT	n40	5795	Ant1	5855	-58.61	2.51	0.12	-55.98	Average	15.6	Pass
NVNT	n40	5795	Ant1	5875	-50.73	2.51	-	-48.22	Peak	10	Pass
NVNT	n40	5795	Ant1	5875	-57.84	2.51	0.12	-55.21	Average	10	Pass
NVNT	n40	5795	Ant1	5925	-48.81	2.51	-	-46.3	Peak	-27	Pass
NVNT	n40	5795	Ant1	5925	-57.95	2.51	0.12	-55.32	Average	-27	Pass
NVNT	ac20	5745	Ant1	5650	-48.3	2.51	-	-45.79	Peak	-27	Pass
NVNT	ac20	5745	Ant1	5650	-58.24	2.51	0.28	-55.45	Average	-27	Pass
NVNT	ac20	5745	Ant1	5700	-50.4	2.51	-	-47.89	Peak	10	Pass
NVNT	ac20	5745	Ant1	5700	-57.11	2.51	0.28	-54.32	Average	10	Pass
NVNT	ac20	5745	Ant1	5720	-39.32	2.51	-	-36.81	Peak	15.6	Pass
NVNT	ac20	5745	Ant1	5720	-53.54	2.51	0.28	-50.75	Average	15.6	Pass
NVNT	ac20	5745	Ant1	5725	-33.6	2.51	-	-31.09	Peak	27	Pass
NVNT	ac20	5745	Ant1	5725	-50.51	2.51	0.28	-47.72	Average	27	Pass
NVNT	ac20	5825	Ant1	5850	-41.43	2.51	-	-38.92	Peak	27	Pass
NVNT	ac20	5825	Ant1	5850	-56.37	2.51	0.28	-53.58	Average	27	Pass
NVNT	ac20	5825	Ant1	5855	-47.73	2.51	-	-45.22	Peak	15.6	Pass
NVNT	ac20	5825	Ant1	5855	-57.18	2.51	0.28	-54.39	Average	15.6	Pass
NVNT	ac20	5825	Ant1	5875	-49.62	2.51	-	-47.11	Peak	10	Pass
NVNT	ac20	5825	Ant1	5875	-57.45	2.51	0.28	-54.66	Average	10	Pass
NVNT	ac20	5825	Ant1	5925	-48.97	2.51	-	-46.46	Peak	-27	Pass
NVNT	ac20	5825	Ant1	5925	-57.75	2.51	0.28	-54.96	Average	-27	Pass
NVNT	ac40	5755	Ant1	5650	-49.02	2.51	-	-46.51	Peak	-27	Pass
NVNT	ac40	5755	Ant1	5650	-57.62	2.51	0.12	-54.99	Average	-27	Pass
NVNT	ac40	5755	Ant1	5700	-48.84	2.51	-	-46.33	Peak	10	Pass
NVNT	ac40	5755	Ant1	5700	-57.68	2.51	0.12	-55.05	Average	10	Pass
NVNT	ac40	5755	Ant1	5720	-41.06	2.51	-	-38.55	Peak	15.6	Pass
NVNT	ac40	5755	Ant1	5720	-53.66	2.51	0.12	-51.03	Average	15.6	Pass
NVNT	ac40	5755	Ant1	5725	-37.47	2.51	-	-34.96	Peak	27	Pass
NVNT	ac40	5755	Ant1	5725	-50.51	2.51	0.12	-47.88	Average	27	Pass
NVNT	ac40	5795	Ant1	5850	-50.32	2.51	-	-47.81	Peak	27	Pass
NVNT	ac40	5795	Ant1	5850	-58.11	2.51	0.12	-55.48	Average	27	Pass
NVNT	ac40	5795	Ant1	5855	-50.87	2.51	-	-48.36	Peak	15.6	Pass
NVNT	ac40	5795	Ant1	5855	-58.66	2.51	0.12	-56.03	Average	15.6	Pass
NVNT	ac40	5795	Ant1	5875	-48.63	2.51	-	-46.12	Peak	10	Pass





NVNT	ac40	5795	Ant1	5875	-58.7	2.51	0.12	-56.07	Average	10	Pass
NVNT	ac40	5795	Ant1	5925	-50.24	2.51	-	-47.73	Peak	-27	Pass
NVNT	ac40	5795	Ant1	5925	-57.85	2.51	0.12	-55.22	Average	-27	Pass
NVNT	ac80	5775	Ant1	5650	-49.63	2.51	-	-47.12	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5650	-58.18	2.51	0.25	-55.42	Average	-27	Pass
NVNT	ac80	5775	Ant1	5700	-48.89	2.51	-	-46.38	Peak	10	Pass
NVNT	ac80	5775	Ant1	5700	-57.41	2.51	0.25	-54.65	Average	10	Pass
NVNT	ac80	5775	Ant1	5720	-42.4	2.51	-	-39.89	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5720	-54.77	2.51	0.25	-52.01	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5725	-38.46	2.51	-	-35.95	Peak	27	Pass
NVNT	ac80	5775	Ant1	5725	-53.79	2.51	0.25	-51.03	Average	27	Pass
NVNT	ac80	5775	Ant1	5850	-49.78	2.51	-	-47.27	Peak	27	Pass
NVNT	ac80	5775	Ant1	5850	-58.56	2.51	0.25	-55.8	Average	27	Pass
NVNT	ac80	5775	Ant1	5855	-50.84	2.51	-	-48.33	Peak	15.6	Pass
NVNT	ac80	5775	Ant1	5855	-58.32	2.51	0.25	-55.56	Average	15.6	Pass
NVNT	ac80	5775	Ant1	5875	-50.42	2.51	-	-47.91	Peak	10	Pass
NVNT	ac80	5775	Ant1	5875	-57.85	2.51	0.25	-55.09	Average	10	Pass
NVNT	ac80	5775	Ant1	5925	-50.4	2.51	-	-47.89	Peak	-27	Pass
NVNT	ac80	5775	Ant1	5925	-57.56	2.51	0.25	-54.8	Average	-27	Pass

Condition	Mode	Frequency (MHz)	An0 Spur Freq (MHz)	An1 Spur Freq (MHz)	An0 Power (dBm)	An1 Power (dBm)	Directional Gain (dBi)	EIRP Power (dBm)	Detector	Limit (dBm)	Verdict
NVNT	n20MIMO	5745	5650	5650	-48.96	-49.71	5.76	-40.55	Peak	-27	Pass
NVNT	n20MIMO	5745	5650	5650	-58.07	-57.23	5.76	-48.86	Average	-27	Pass
NVNT	n20MIMO	5745	5700	5700	-48.94	-50.45	5.76	-40.86	Peak	10	Pass
NVNT	n20MIMO	5745	5700	5700	-57.32	-57.64	5.76	-48.71	Average	10	Pass
NVNT	n20MIMO	5745	5720	5720	-47.01	-40.8	5.76	-34.11	Peak	15.6	Pass
NVNT	n20MIMO	5745	5720	5720	-56.38	-54.22	5.76	-46.4	Average	15.6	Pass
NVNT	n20MIMO	5745	5725	5725	-41.3	-30.92	5.76	-24.78	Peak	27	Pass
NVNT	n20MIMO	5745	5725	5725	-54.96	-49.45	5.76	-42.61	Average	27	Pass
NVNT	n20MIMO	5825	5850	5850	-40.07	-43.06	5.76	-32.54	Peak	27	Pass
NVNT	n20MIMO	5825	5850	5850	-55.56	-55.19	5.76	-46.6	Average	27	Pass
NVNT	n20MIMO	5825	5855	5855	-44.65	-49.71	5.76	-37.71	Peak	15.6	Pass
NVNT	n20MIMO	5825	5855	5855	-56.06	-56.7	5.76	-47.6	Average	15.6	Pass
NVNT	n20MIMO	5825	5875	5875	-45.05	-51.22	5.76	-38.35	Peak	10	Pass
NVNT	n20MIMO	5825	5875	5875	-56.81	-58.34	5.76	-48.74	Average	10	Pass
NVNT	n20MIMO	5825	5925	5925	-46.97	-48.13	5.76	-38.74	Peak	-27	Pass
NVNT	n20MIMO	5825	5925	5925	-58.2	-58.03	5.76	-49.34	Average	-27	Pass
NVNT	n40MIMO	5755	5650	5650	-49.53	-50.33	5.76	-41.14	Peak	-27	Pass





NVNT	n40MIMO	5755	5650	5650	-58.06	-57.75	5.76	-49.13	Average	-27	Pass
NVNT	n40MIMO	5755	5700	5700	-48.63	-47.87	5.76	-39.46	Peak	10	Pass
NVNT	n40MIMO	5755	5700	5700	-57.07	-58.03	5.76	-48.75	Average	10	Pass
NVNT	n40MIMO	5755	5720	5720	-38.18	-41.06	5.76	-30.62	Peak	15.6	Pass
NVNT	n40MIMO	5755	5720	5720	-53.02	-53.99	5.76	-44.71	Average	15.6	Pass
NVNT	n40MIMO	5755	5725	5725	-38.77	-31.05	5.76	-24.61	Peak	27	Pass
NVNT	n40MIMO	5755	5725	5725	-51.76	-52	5.76	-43.11	Average	27	Pass
NVNT	n40MIMO	5795	5850	5850	-43.08	-51.13	5.76	-36.69	Peak	27	Pass
NVNT	n40MIMO	5795	5850	5850	-56.1	-58.33	5.76	-48.3	Average	27	Pass
NVNT	n40MIMO	5795	5855	5855	-44.83	-50.56	5.76	-38.04	Peak	15.6	Pass
NVNT	n40MIMO	5795	5855	5855	-55.85	-58.61	5.76	-48.24	Average	15.6	Pass
NVNT	n40MIMO	5795	5875	5875	-47.88	-50.73	5.76	-40.3	Peak	10	Pass
NVNT	n40MIMO	5795	5875	5875	-56.97	-57.84	5.76	-48.61	Average	10	Pass
NVNT	n40MIMO	5795	5925	5925	-50.27	-48.81	5.76	-40.71	Peak	-27	Pass
NVNT	n40MIMO	5795	5925	5925	-57.74	-57.95	5.76	-49.07	Average	-27	Pass
NVNT	ac20MIMO	5745	5650	5650	-48.24	-48.3	5.76	-39.5	Peak	-27	Pass
NVNT	ac20MIMO	5745	5650	5650	-57.9	-58.24	5.76	-49.3	Average	-27	Pass
NVNT	ac20MIMO	5745	5700	5700	-47.8	-50.4	5.76	-40.14	Peak	10	Pass
NVNT	ac20MIMO	5745	5700	5700	-57.51	-57.11	5.76	-48.54	Average	10	Pass
NVNT	ac20MIMO	5745	5720	5720	-46.87	-39.32	5.76	-32.86	Peak	15.6	Pass
NVNT	ac20MIMO	5745	5720	5720	-56.6	-53.54	5.76	-46.04	Average	15.6	Pass
NVNT	ac20MIMO	5745	5725	5725	-39	-33.6	5.76	-26.74	Peak	27	Pass
NVNT	ac20MIMO	5745	5725	5725	-55.36	-50.51	5.76	-43.52	Average	27	Pass
NVNT	ac20MIMO	5825	5850	5850	-40.6	-41.43	5.76	-32.22	Peak	27	Pass
NVNT	ac20MIMO	5825	5850	5850	-55.77	-56.37	5.76	-47.29	Average	27	Pass
NVNT	ac20MIMO	5825	5855	5855	-45.19	-47.73	5.76	-37.51	Peak	15.6	Pass
NVNT	ac20MIMO	5825	5855	5855	-55.99	-57.18	5.76	-47.77	Average	15.6	Pass
NVNT	ac20MIMO	5825	5875	5875	-47.39	-49.62	5.76	-39.59	Peak	10	Pass
NVNT	ac20MIMO	5825	5875	5875	-56.92	-57.45	5.76	-48.41	Average	10	Pass
NVNT	ac20MIMO	5825	5925	5925	-48.52	-48.97	5.76	-39.97	Peak	-27	Pass
NVNT	ac20MIMO	5825	5925	5925	-58.23	-57.75	5.76	-49.21	Average	-27	Pass
NVNT	ac40MIMO	5755	5650	5650	-48.56	-49.02	5.76	-40.01	Peak	-27	Pass
NVNT	ac40MIMO	5755	5650	5650	-57.76	-57.62	5.76	-48.92	Average	-27	Pass
NVNT	ac40MIMO	5755	5700	5700	-47.6	-48.84	5.76	-39.41	Peak	10	Pass
NVNT	ac40MIMO	5755	5700	5700	-57.06	-57.68	5.76	-48.59	Average	10	Pass
NVNT	ac40MIMO	5755	5720	5720	-41.9	-41.06	5.76	-32.69	Peak	15.6	Pass
NVNT	ac40MIMO	5755	5720	5720	-52.91	-53.66	5.76	-44.5	Average	15.6	Pass
NVNT	ac40MIMO	5755	5725	5725	-42.44	-37.47	5.76	-30.51	Peak	27	Pass
NVNT	ac40MIMO	5755	5725	5725	-52.09	-50.51	5.76	-42.46	Average	27	Pass
NVNT	ac40MIMO	5795	5850	5850	-45.87	-50.32	5.76	-38.78	Peak	27	Pass
NVNT	ac40MIMO	5795	5850	5850	-56.08	-58.11	5.76	-48.21	Average	27	Pass





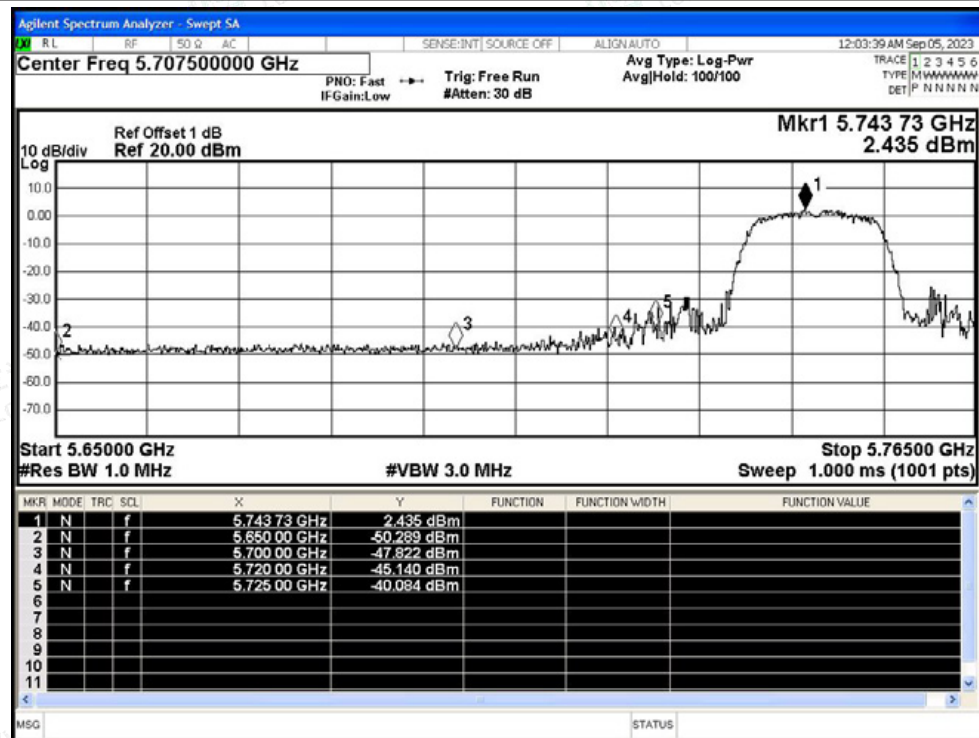
NVNT	ac40MIMO	5795	5855	5855	-46.85	-50.87	5.76	-39.64	Peak	15.6	Pass
NVNT	ac40MIMO	5795	5855	5855	-56.22	-58.66	5.76	-48.5	Average	15.6	Pass
NVNT	ac40MIMO	5795	5875	5875	-49	-48.63	5.76	-40.04	Peak	10	Pass
NVNT	ac40MIMO	5795	5875	5875	-57	-58.7	5.76	-49	Average	10	Pass
NVNT	ac40MIMO	5795	5925	5925	-49.45	-50.24	5.76	-46.82	Peak	-27	Pass
NVNT	ac40MIMO	5795	5925	5925	-58.01	-57.85	5.76	-54.92	Average	-27	Pass
NVNT	ac80MIMO	5775	5650	5650	-51.11	-49.63	5.76	-47.30	Peak	-27	Pass
NVNT	ac80MIMO	5775	5650	5650	-58.08	-58.18	5.76	-55.12	Average	-27	Pass
NVNT	ac80MIMO	5775	5700	5700	-50.98	-48.89	5.76	-46.80	Peak	10	Pass
NVNT	ac80MIMO	5775	5700	5700	-57.66	-57.41	5.76	-54.52	Average	10	Pass
NVNT	ac80MIMO	5775	5720	5720	-41.86	-42.4	5.76	-39.11	Peak	15.6	Pass
NVNT	ac80MIMO	5775	5720	5720	-55.43	-54.77	5.76	-52.08	Average	15.6	Pass
NVNT	ac80MIMO	5775	5725	5725	-41.86	-38.46	5.76	-36.83	Peak	27	Pass
NVNT	ac80MIMO	5775	5725	5725	-54.19	-53.79	5.76	-50.98	Average	27	Pass
NVNT	ac80MIMO	5775	5850	5850	-49.58	-49.78	5.76	-46.67	Peak	27	Pass
NVNT	ac80MIMO	5775	5850	5850	-58.49	-58.56	5.76	-55.51	Average	27	Pass
NVNT	ac80MIMO	5775	5855	5855	-50.73	-50.84	5.76	-47.77	Peak	15.6	Pass
NVNT	ac80MIMO	5775	5855	5855	-57.92	-58.32	5.76	-55.11	Average	15.6	Pass
NVNT	ac80MIMO	5775	5875	5875	-50.17	-50.42	5.76	-47.28	Peak	10	Pass
NVNT	ac80MIMO	5775	5875	5875	-57.8	-57.85	5.76	-54.81	Average	10	Pass
NVNT	ac80MIMO	5775	5925	5925	-49	-50.4	5.76	-46.63	Peak	-27	Pass
NVNT	ac80MIMO	5775	5925	5925	-57.5	-57.56	5.76	-54.52	Average	-27	Pass





Test Graphs

Restrict Band NVNT a 5745MHz Ant0 Peak



Restrict Band NVNT a 5745MHz Ant0 Average

