Appendix E

RF Test Data for 5.3G WIFI (Conducted Measurement)

Product Name: Volla Phone Quintus

Test Model: Quintus

Environmental Conditions

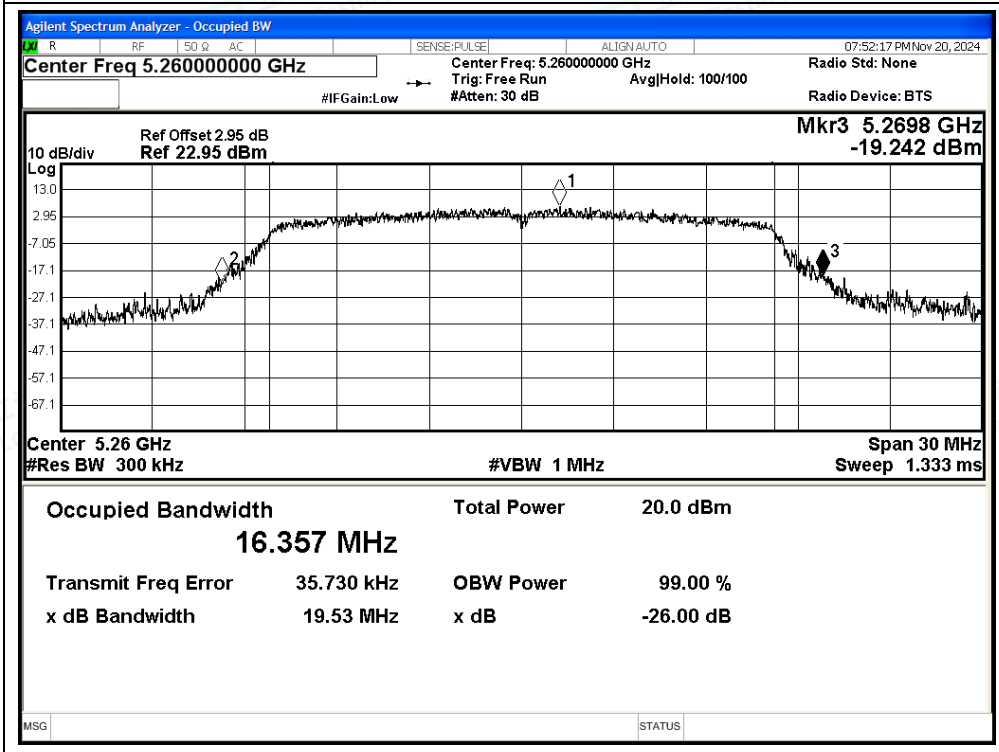
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

E.1 -26dB Bandwidth

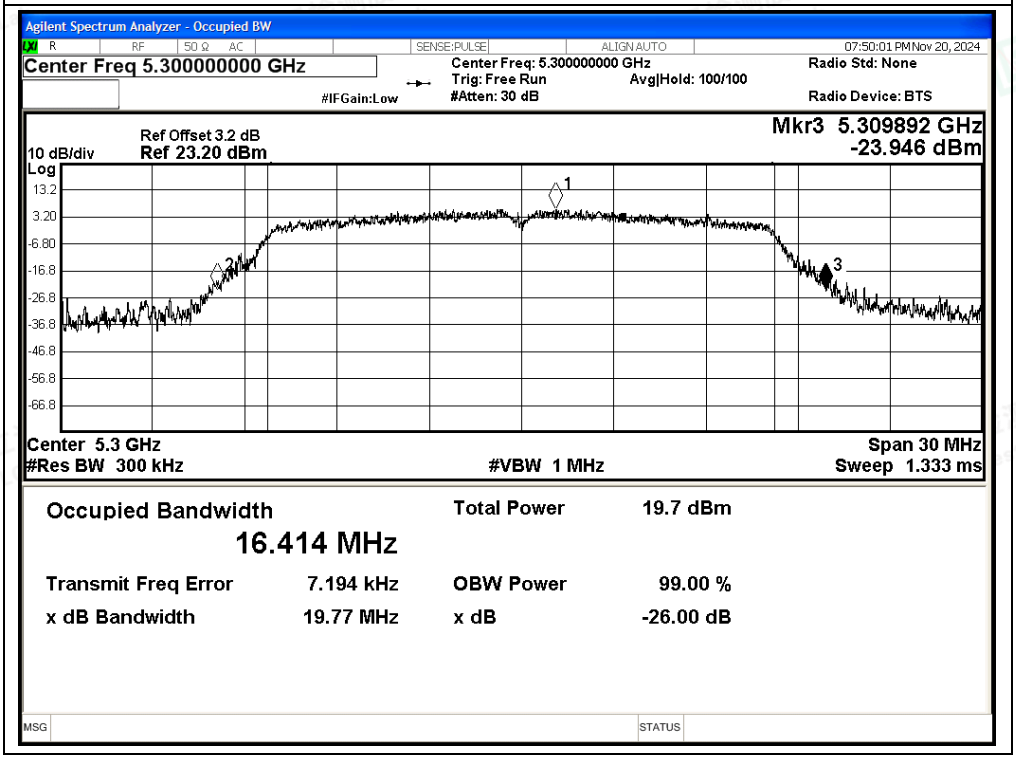
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant6	19.529	----	Pass
NVNT	a	5300	Ant6	19.769	----	Pass
NVNT	a	5320	Ant6	19.837	----	Pass
NVNT	n20	5260	Ant6	19.951	----	Pass
NVNT	n20	5300	Ant6	19.974	----	Pass
NVNT	n20	5320	Ant6	21.937	----	Pass
NVNT	n40	5270	Ant6	39.519	----	Pass
NVNT	n40	5310	Ant6	39.524	----	Pass
NVNT	ac20	5260	Ant6	19.991	----	Pass
NVNT	ac20	5300	Ant6	20.1	----	Pass
NVNT	ac20	5320	Ant6	19.864	----	Pass
NVNT	ac40	5270	Ant6	39.177	----	Pass
NVNT	ac40	5310	Ant6	39.057	----	Pass
NVNT	ac80	5290	Ant6	78.764	----	Pass
NVNT	ax20	5260	Ant6	19.897	----	Pass
NVNT	ax20	5300	Ant6	19.907	----	Pass
NVNT	ax20	5320	Ant6	19.902	----	Pass
NVNT	ax40	5270	Ant6	39.449	----	Pass
NVNT	ax40	5310	Ant6	39.109	----	Pass
NVNT	ax80	5290	Ant6	79.192	----	Pass

Test Graphs

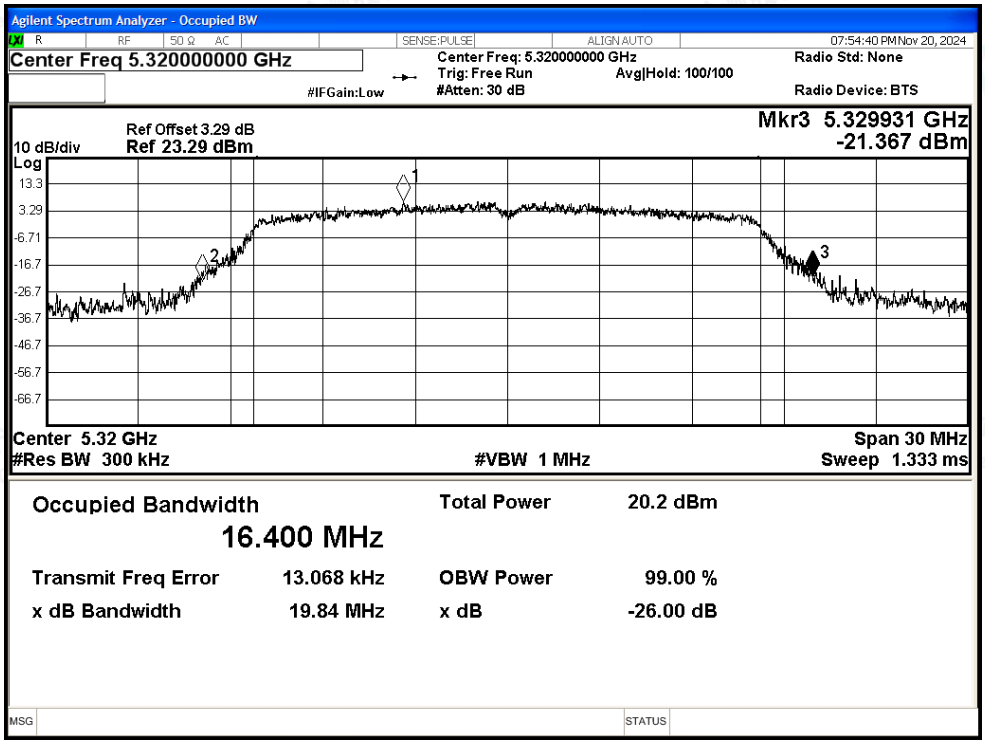
-26dB Bandwidth NVNT a 5260MHz Ant6



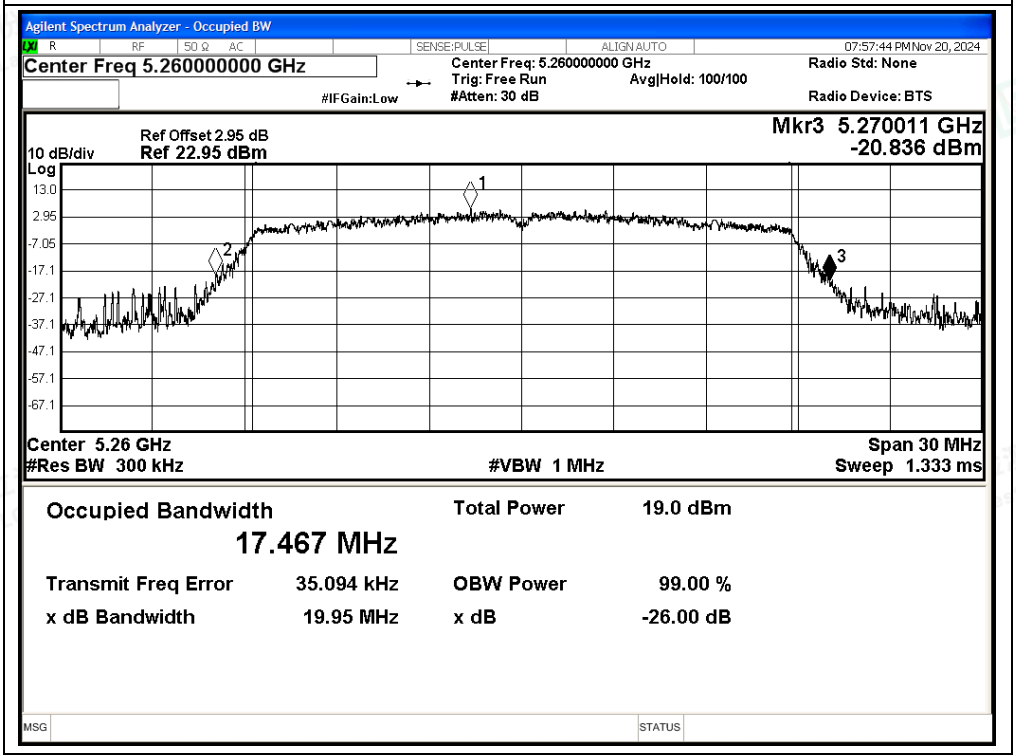
-26dB Bandwidth NVNT a 5300MHz Ant6



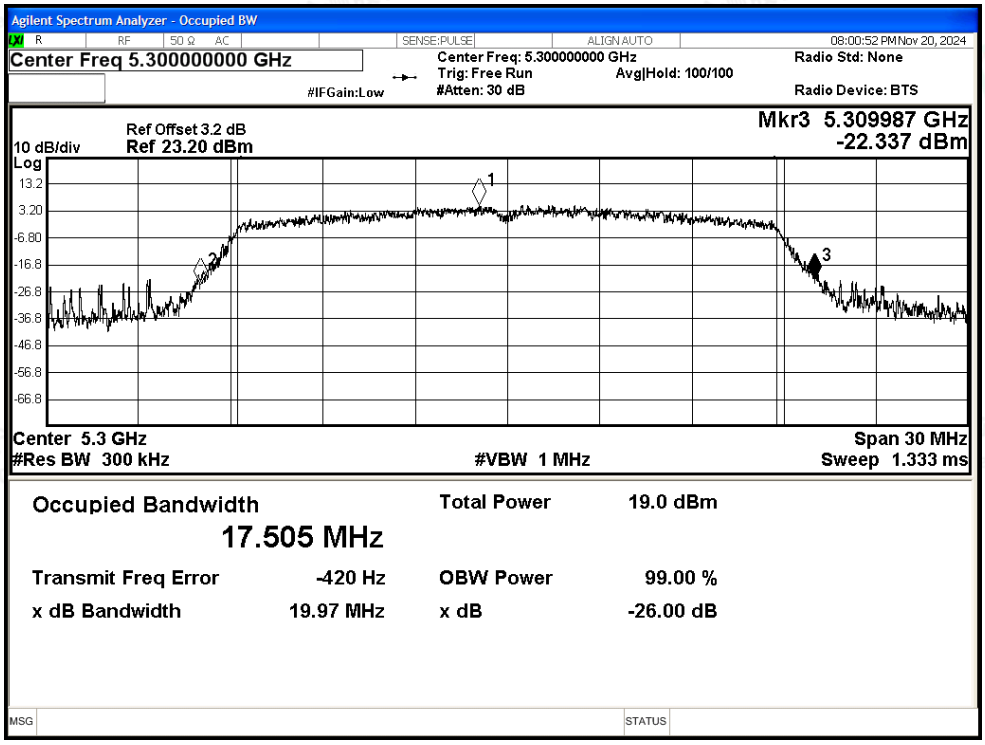
-26dB Bandwidth NVNT a 5320MHz Ant6



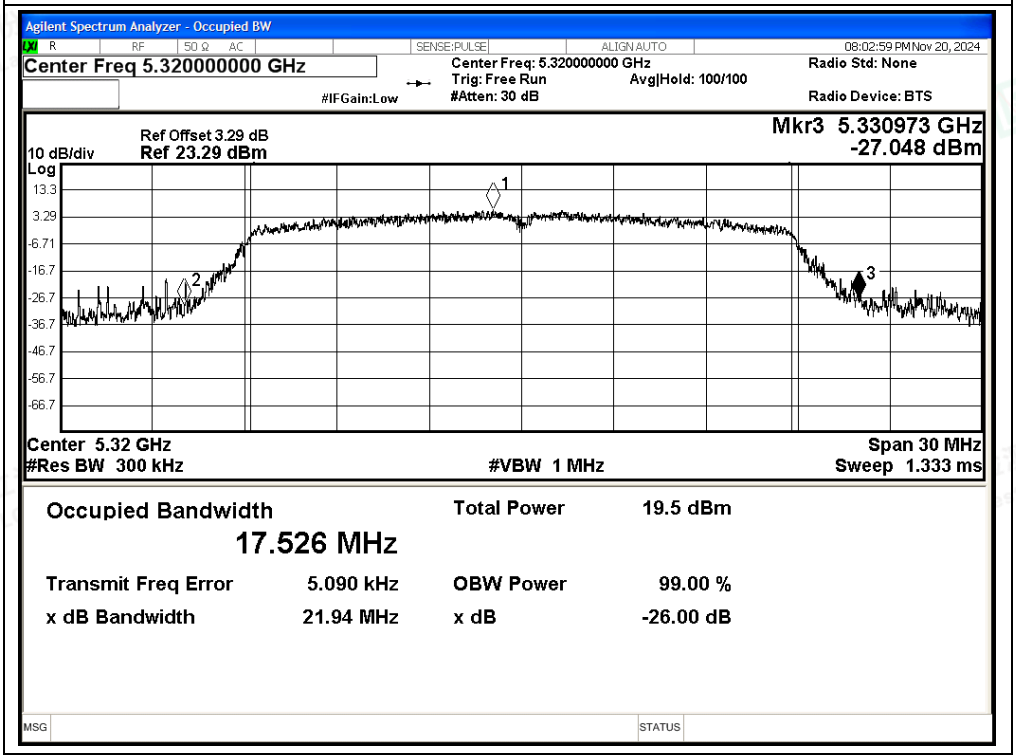
-26dB Bandwidth NVNT n20 5260MHz Ant6



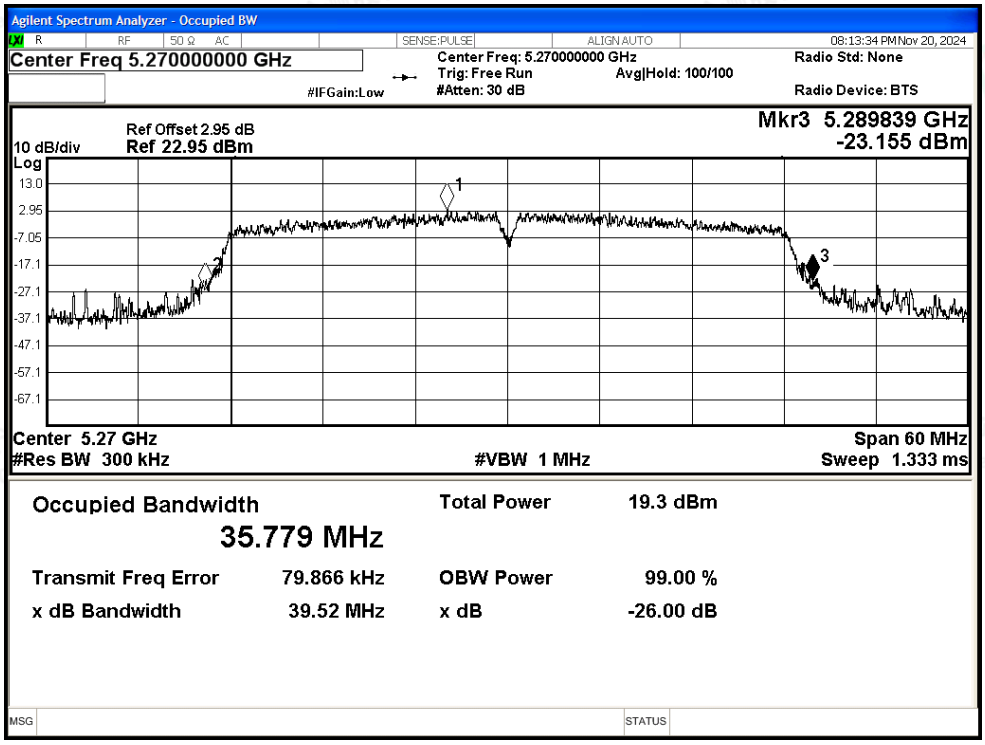
-26dB Bandwidth NVNT n20 5300MHz Ant6



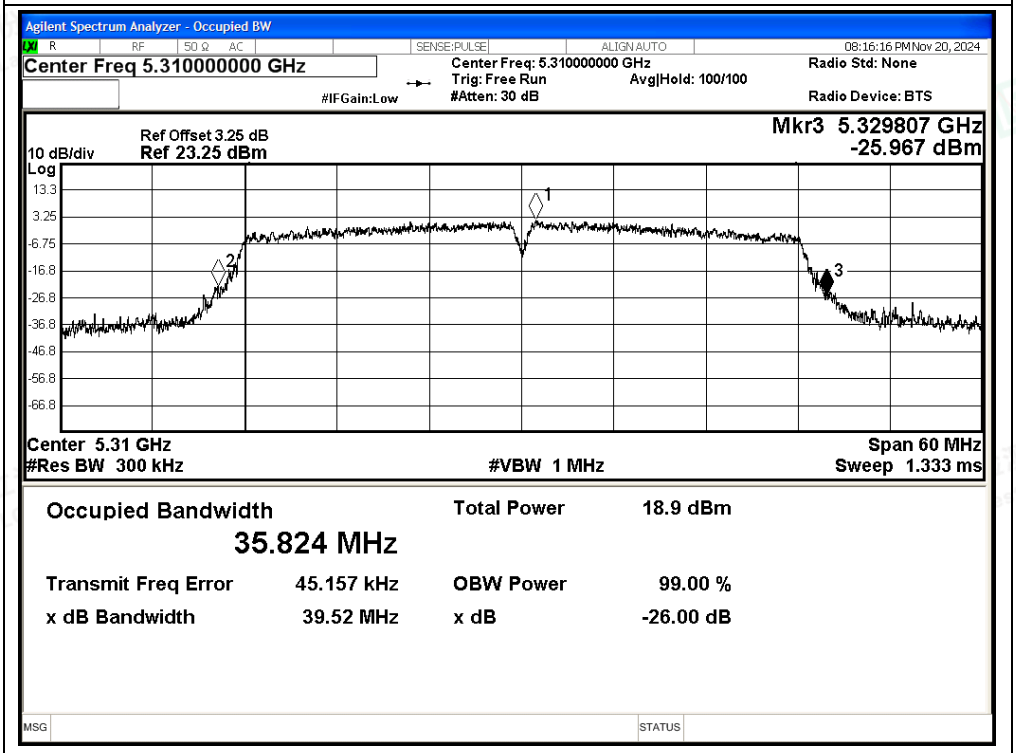
-26dB Bandwidth NVNT n20 5320MHz Ant6



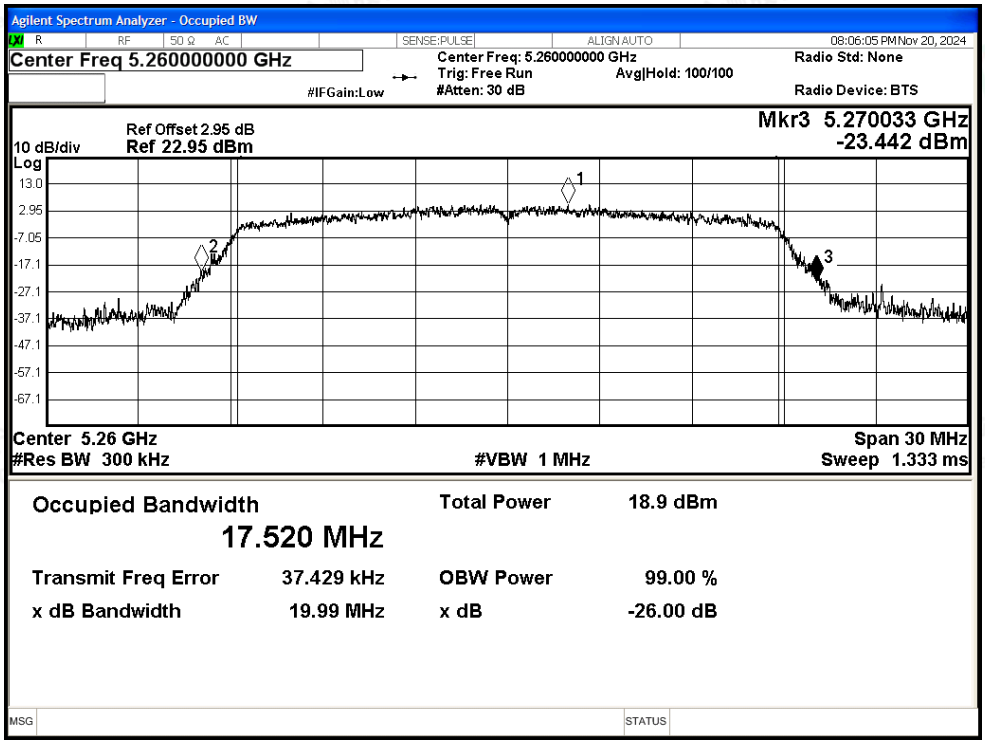
-26dB Bandwidth NVNT n40 5270MHz Ant6



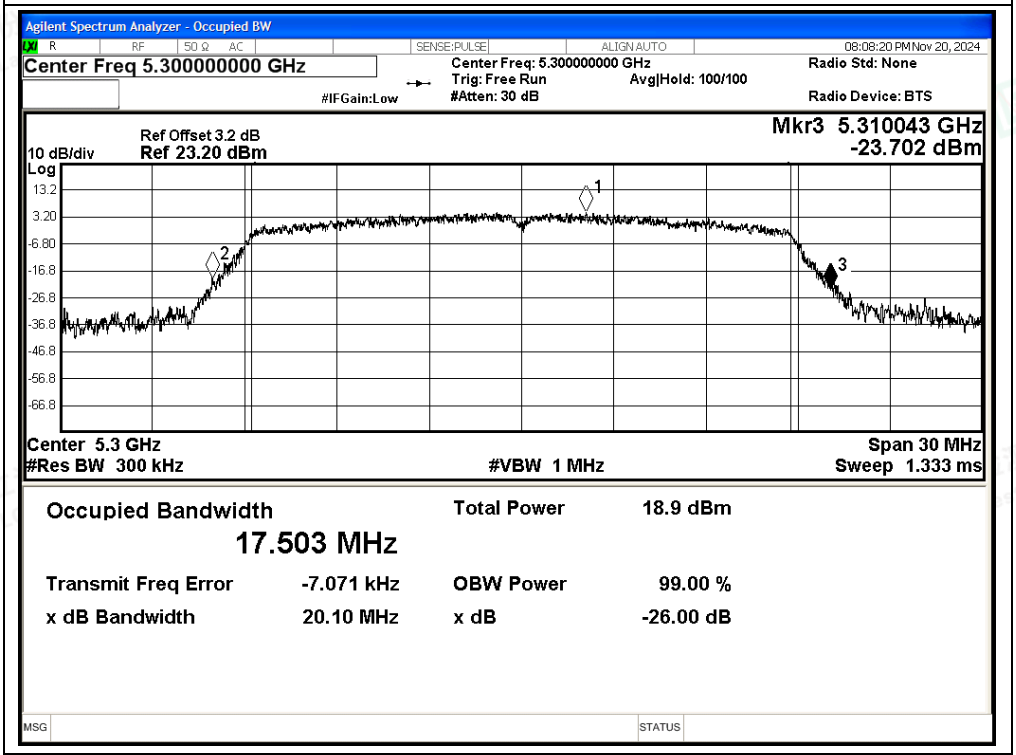
-26dB Bandwidth NVNT n40 5310MHz Ant6



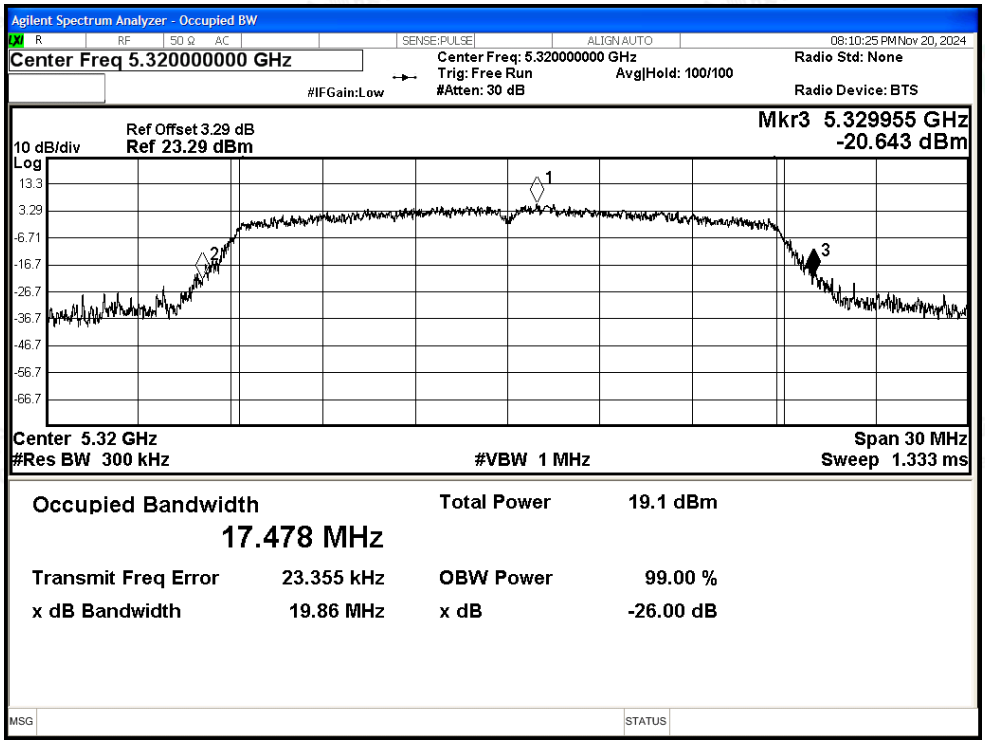
-26dB Bandwidth NVNT ac20 5260MHz Ant6



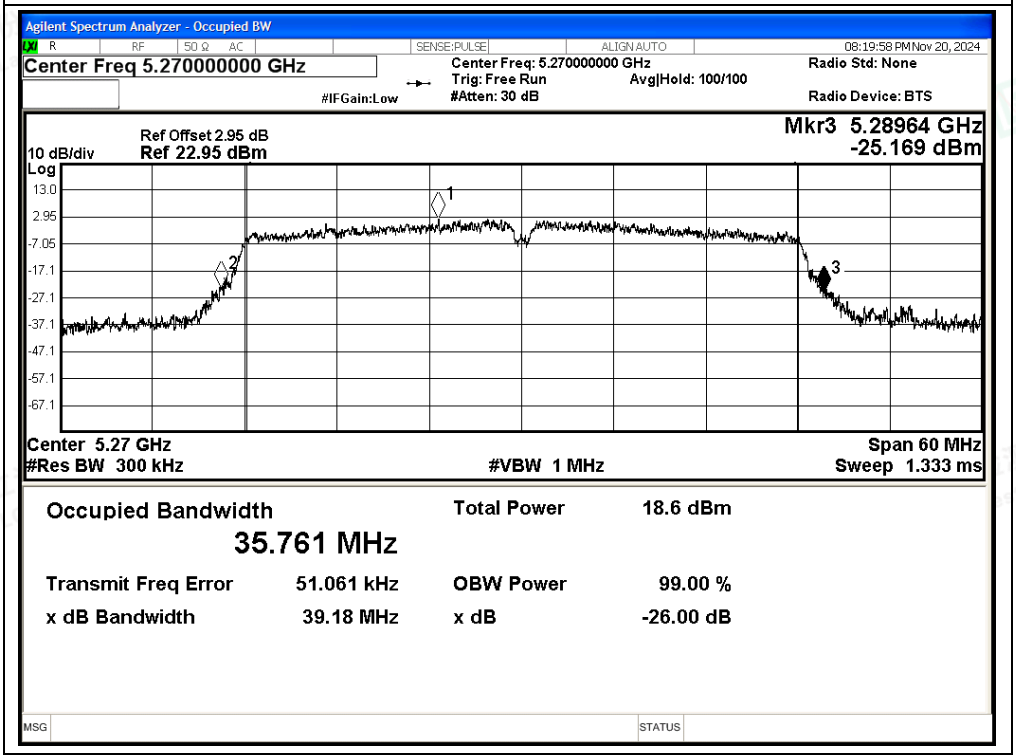
-26dB Bandwidth NVNT ac20 5300MHz Ant6



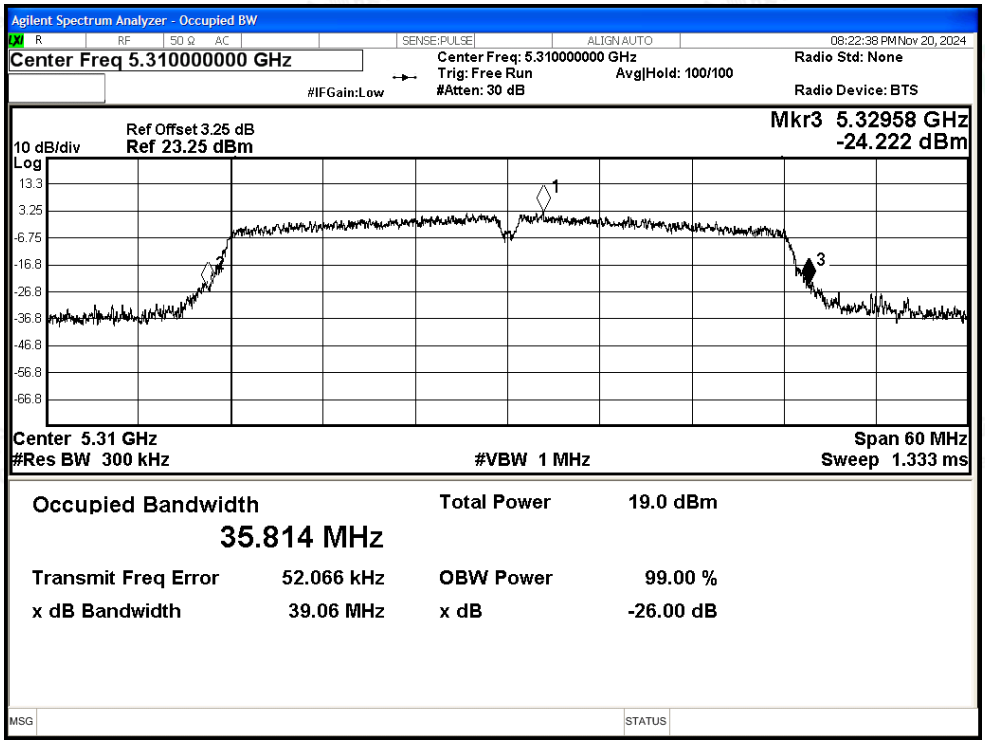
-26dB Bandwidth NVNT ac20 5320MHz Ant6



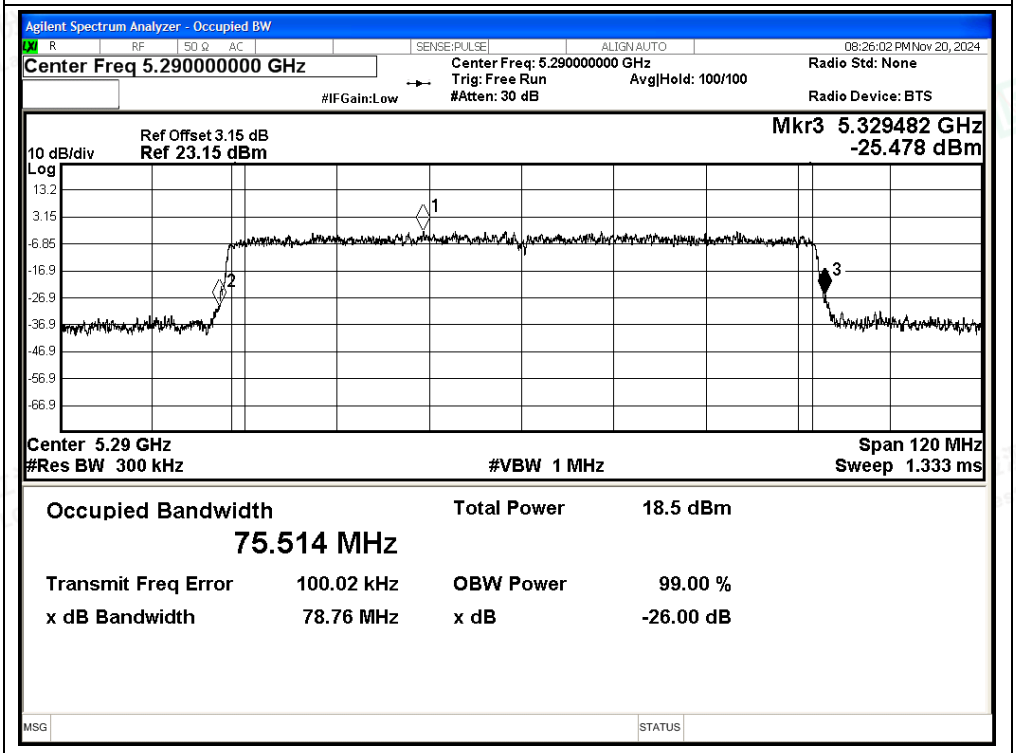
-26dB Bandwidth NVNT ac40 5270MHz Ant6



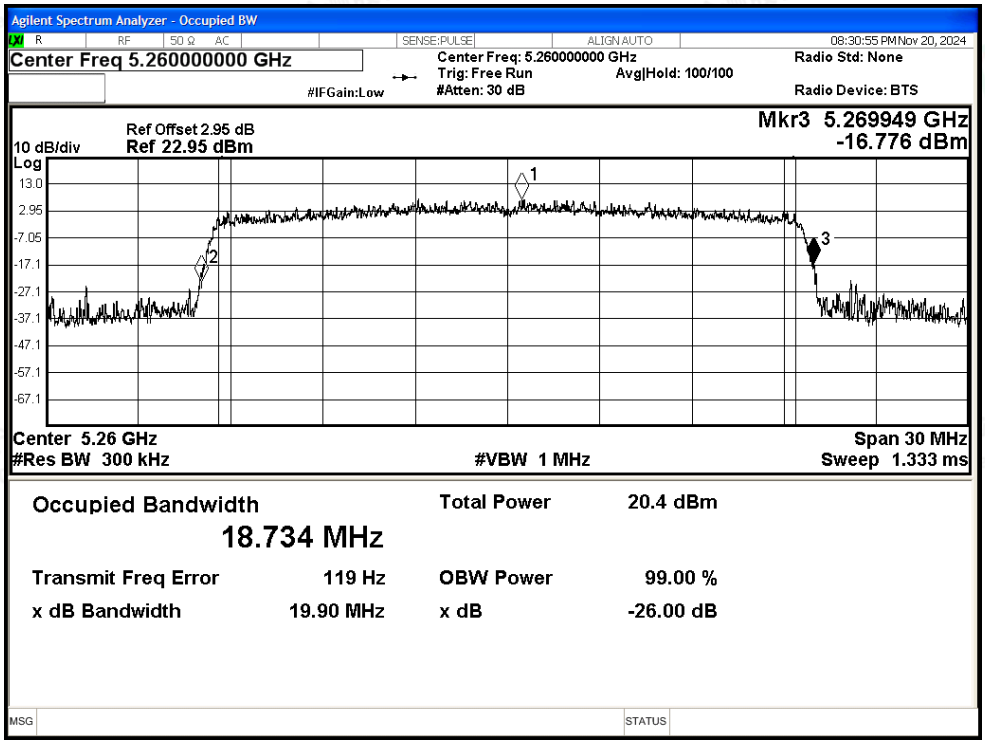
-26dB Bandwidth NVNT ac40 5310MHz Ant6



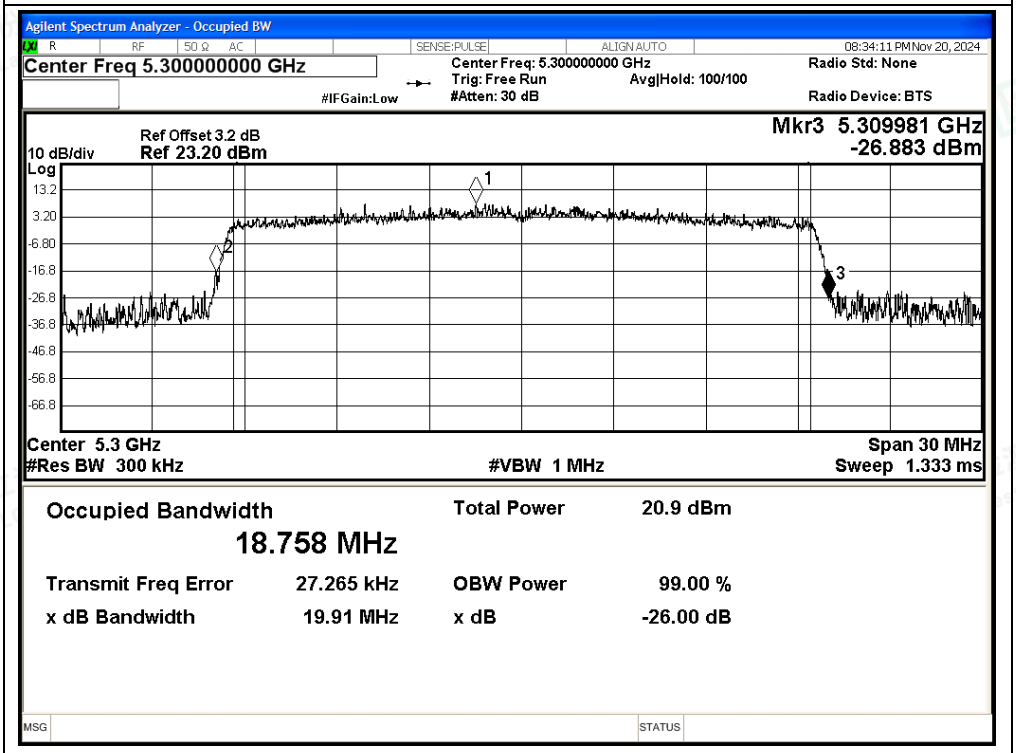
-26dB Bandwidth NVNT ac80 5290MHz Ant6



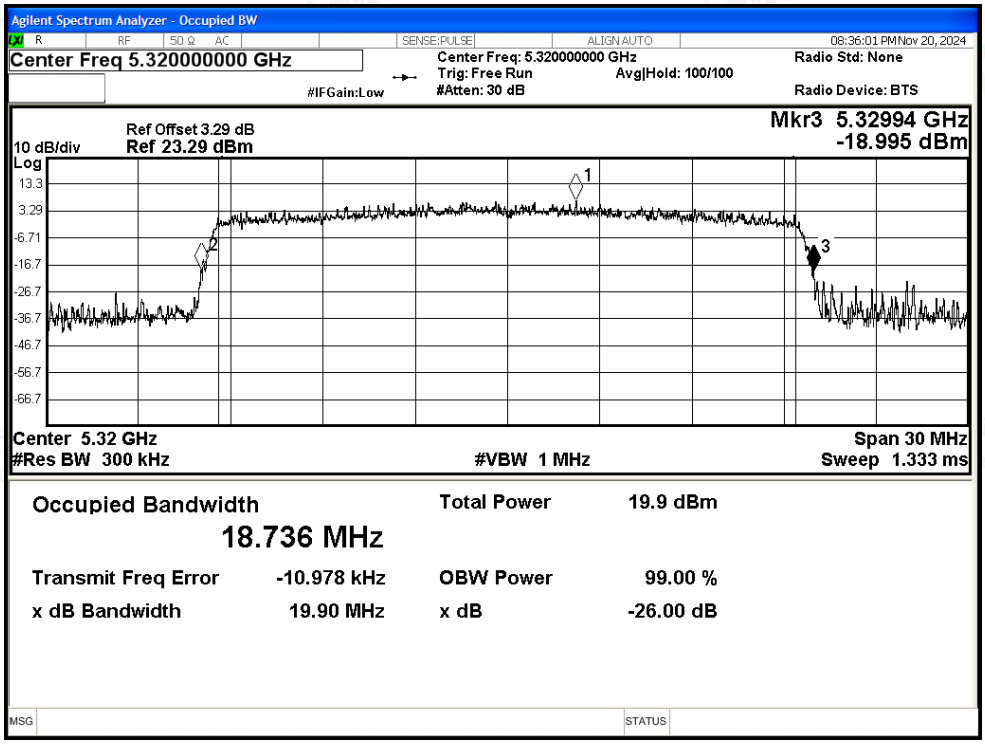
-26dB Bandwidth NVNT ax20 5260MHz Ant6



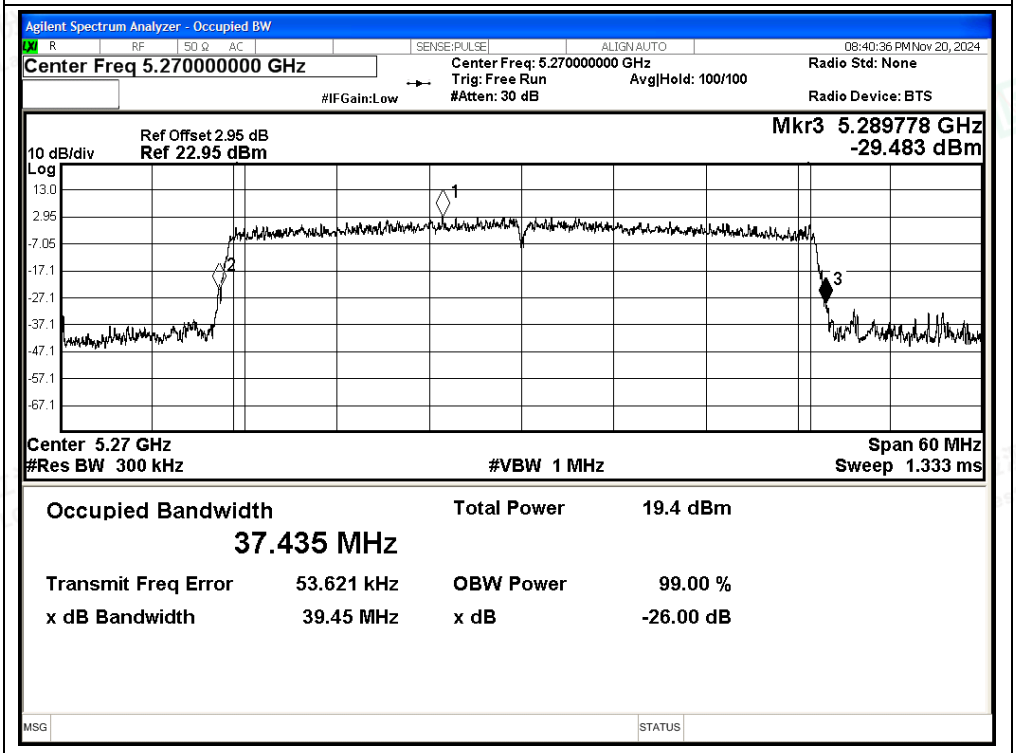
-26dB Bandwidth NVNT ax20 5300MHz Ant6



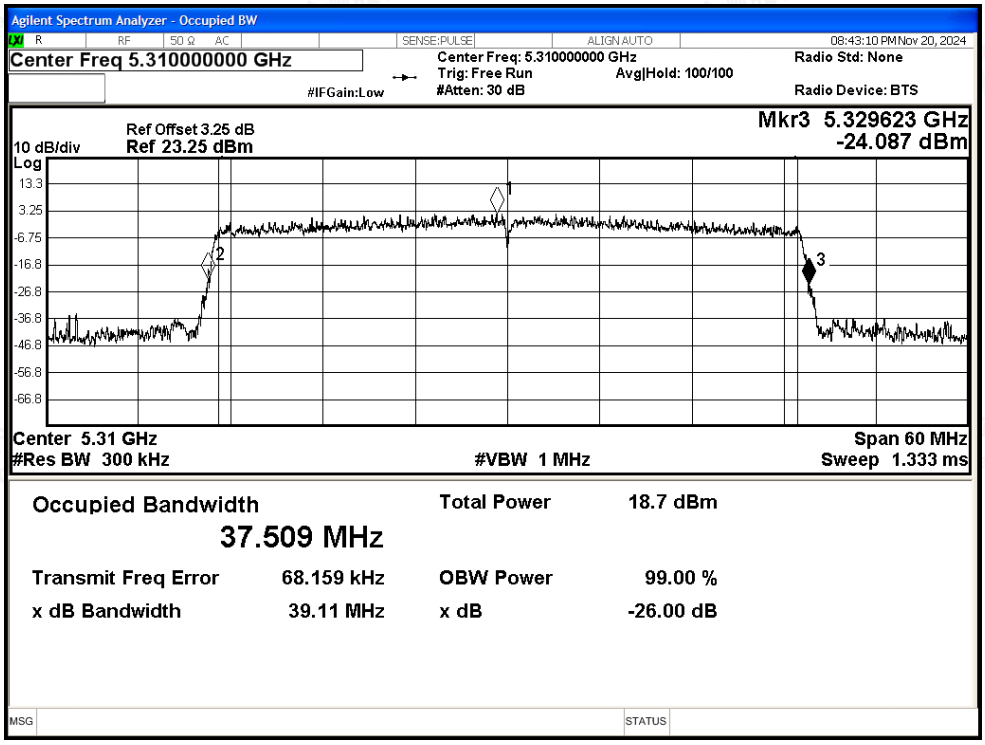
-26dB Bandwidth NVNT ax20 5320MHz Ant6



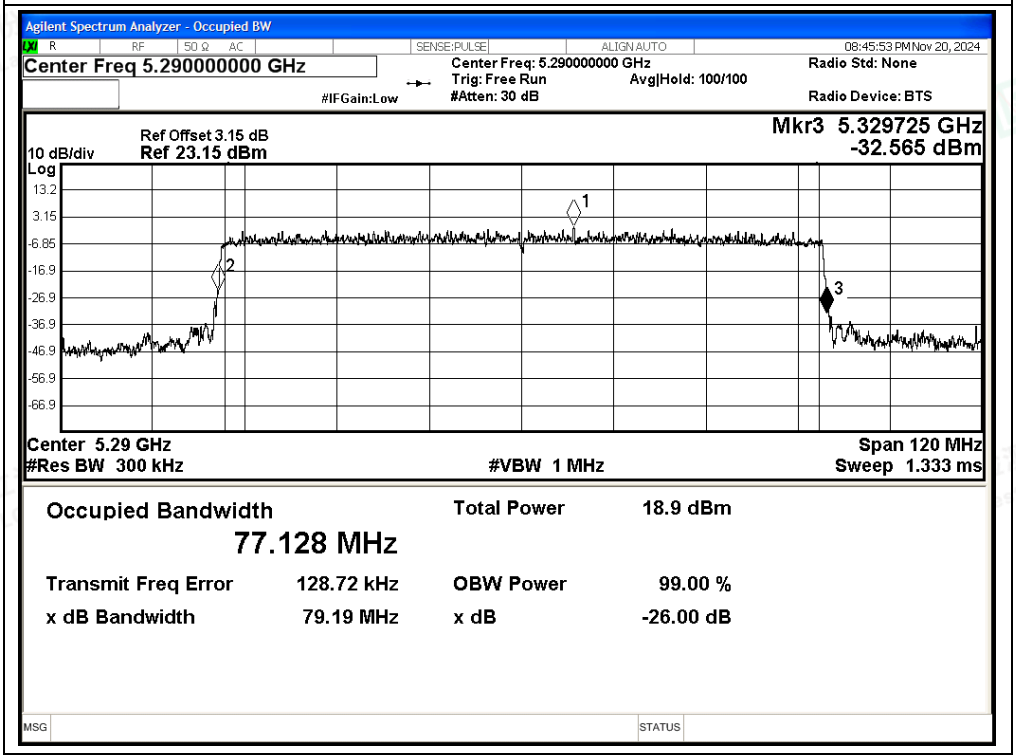
-26dB Bandwidth NVNT ax40 5270MHz Ant6



-26dB Bandwidth NVNT ax40 5310MHz Ant6



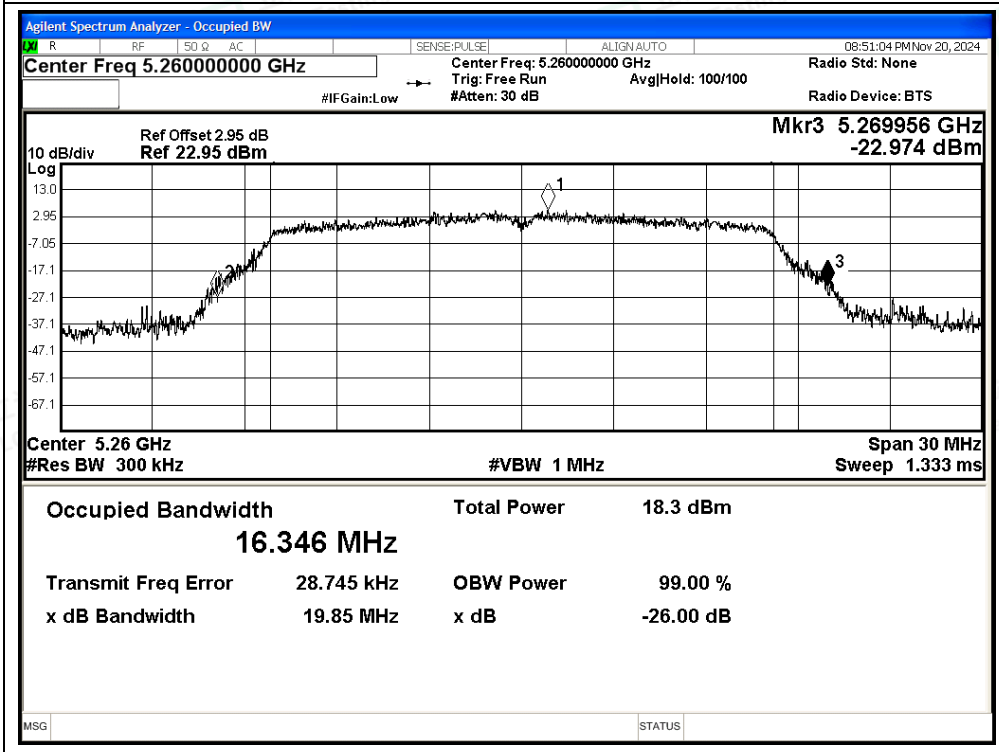
-26dB Bandwidth NVNT ax80 5290MHz Ant6



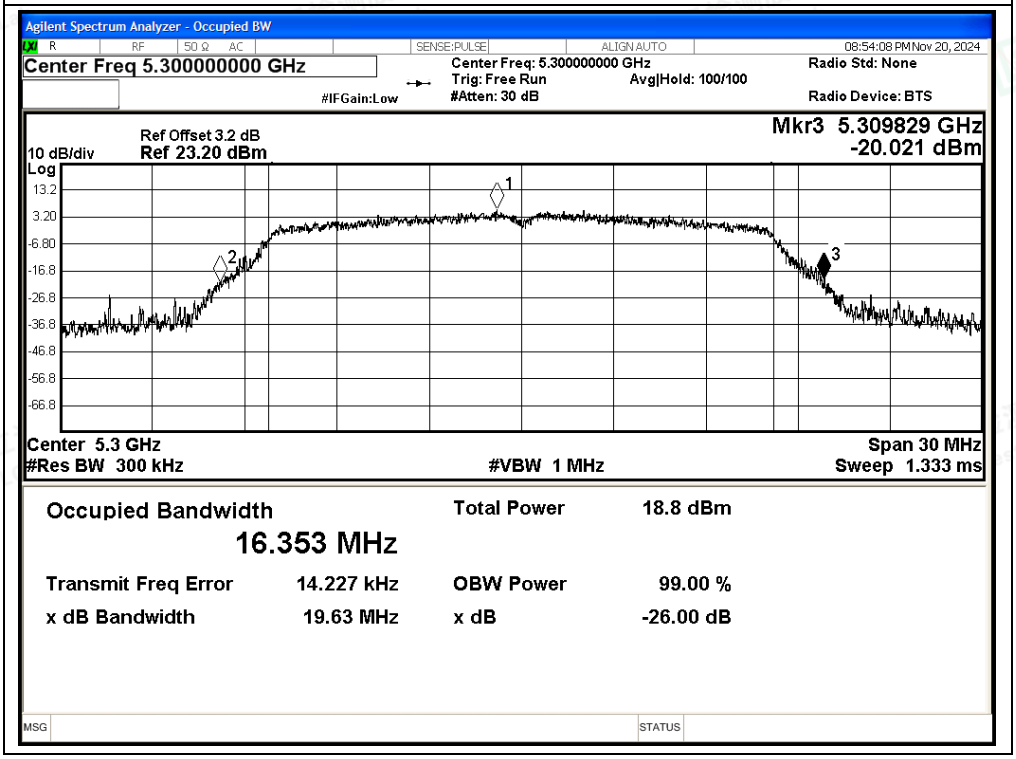
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant7	19.854	----	Pass
NVNT	a	5300	Ant7	19.629	----	Pass
NVNT	a	5320	Ant7	19.675	----	Pass
NVNT	n20	5260	Ant7	20.202	----	Pass
NVNT	n20	5300	Ant7	20.326	----	Pass
NVNT	n20	5320	Ant7	20.175	----	Pass
NVNT	n40	5270	Ant7	39.308	----	Pass
NVNT	n40	5310	Ant7	39.34	----	Pass
NVNT	ac20	5260	Ant7	20.014	----	Pass
NVNT	ac20	5300	Ant7	20.025	----	Pass
NVNT	ac20	5320	Ant7	20.019	----	Pass
NVNT	ac40	5270	Ant7	39.486	----	Pass
NVNT	ac40	5310	Ant7	39.376	----	Pass
NVNT	ac80	5290	Ant7	79.031	----	Pass
NVNT	ax20	5260	Ant7	19.743	----	Pass
NVNT	ax20	5300	Ant7	19.747	----	Pass
NVNT	ax20	5320	Ant7	19.838	----	Pass
NVNT	ax40	5270	Ant7	39.294	----	Pass
NVNT	ax40	5310	Ant7	39.092	----	Pass
NVNT	ax80	5290	Ant7	79.398	----	Pass

Test Graphs

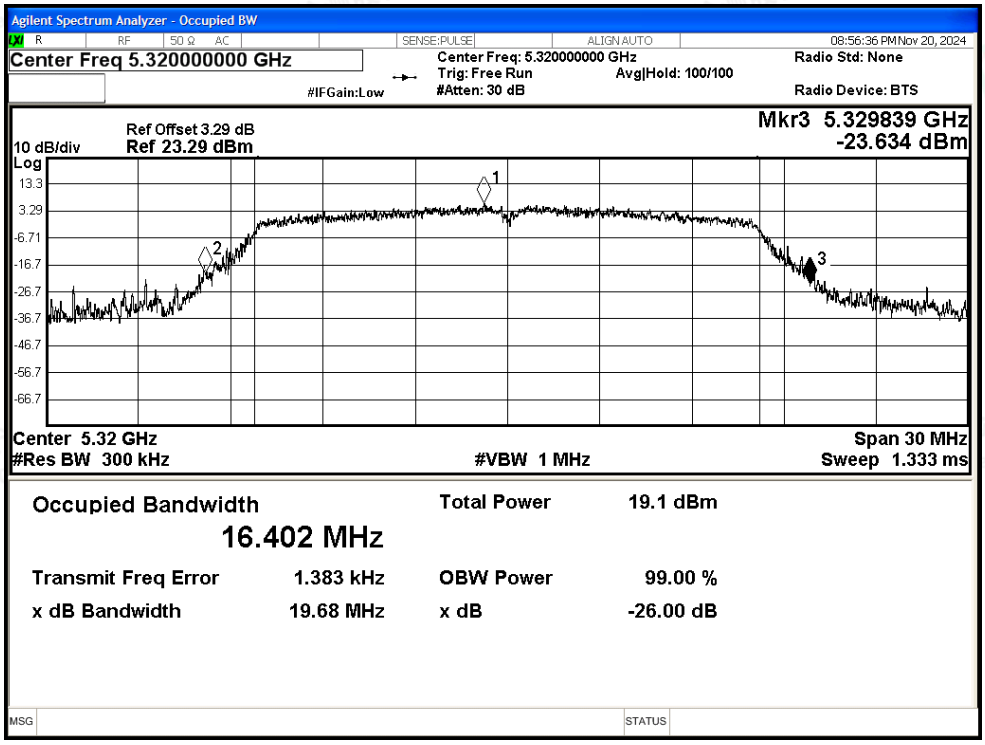
-26dB Bandwidth NVNT a 5260MHz Ant7



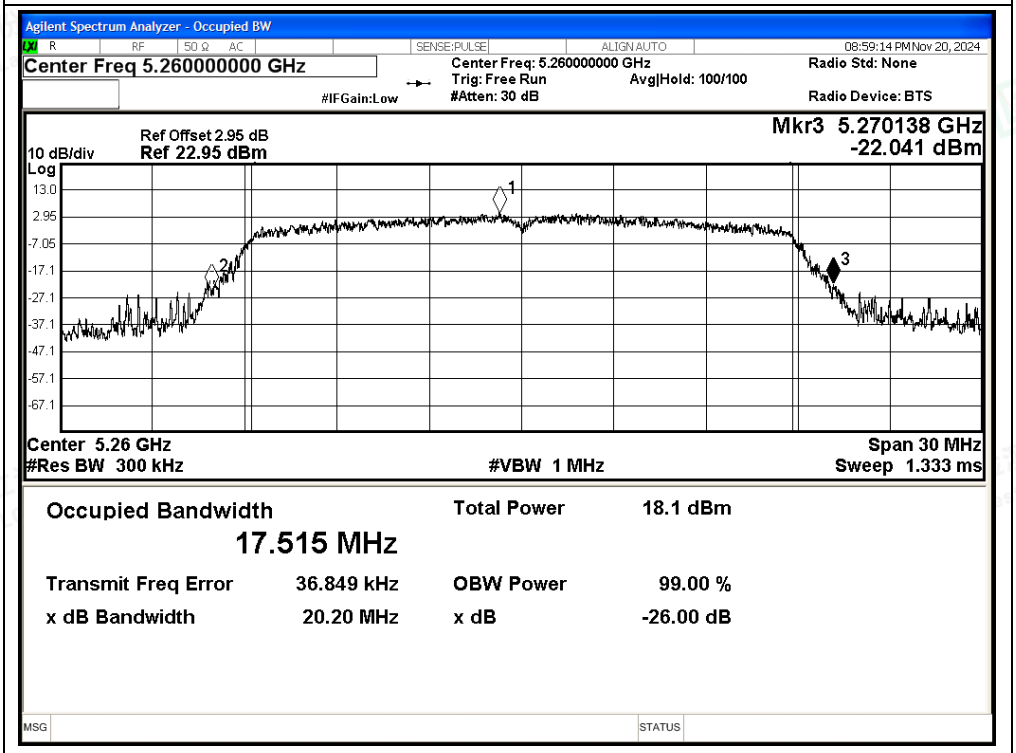
-26dB Bandwidth NVNT a 5300MHz Ant7



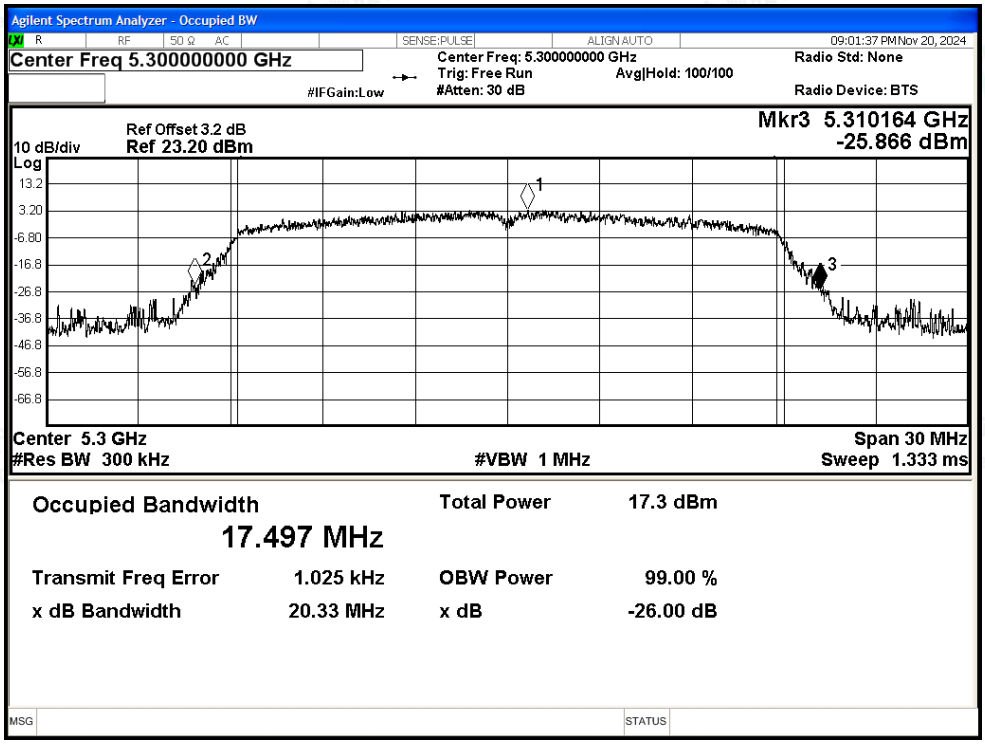
-26dB Bandwidth NVNT a 5320MHz Ant7



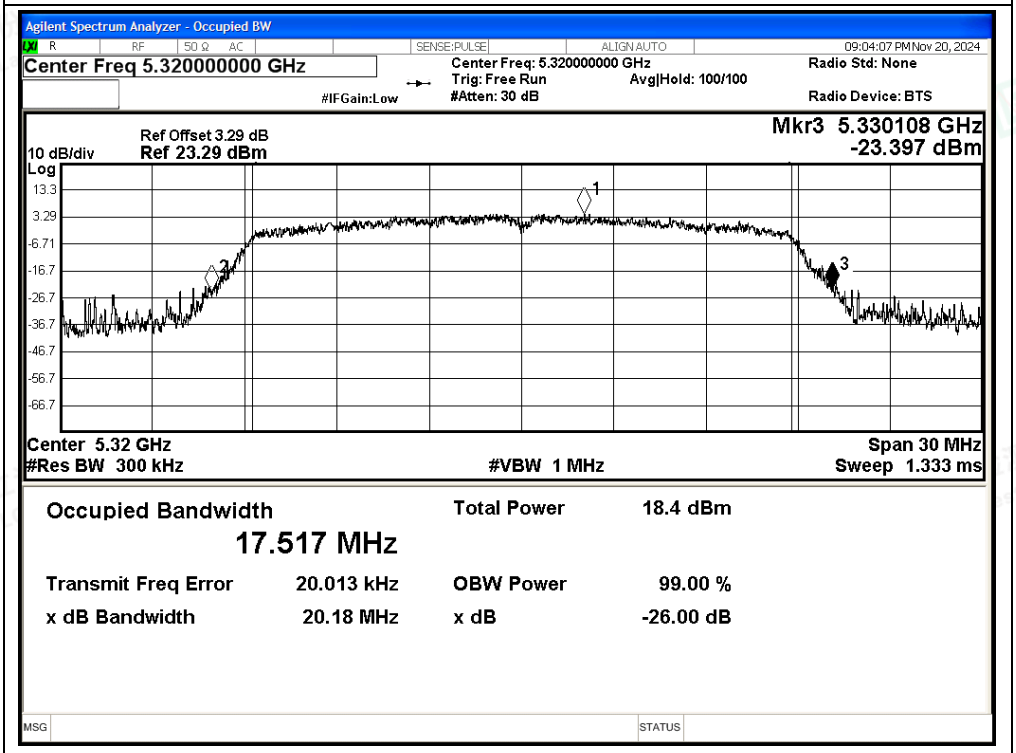
-26dB Bandwidth NVNT n20 5260MHz Ant7



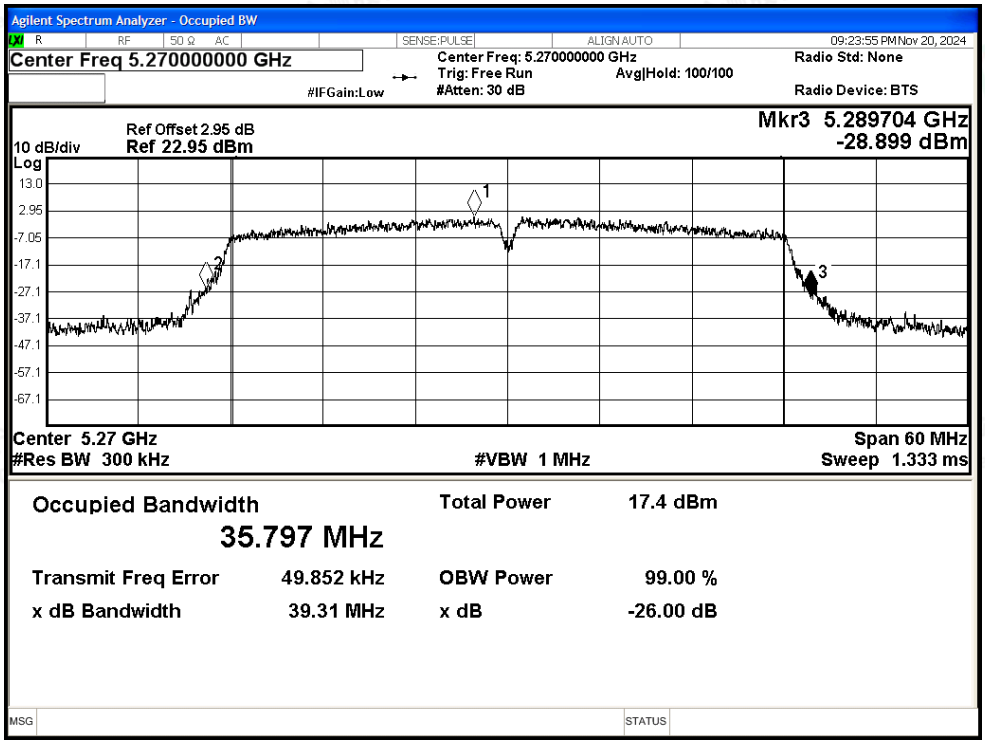
-26dB Bandwidth NVNT n20 5300MHz Ant7



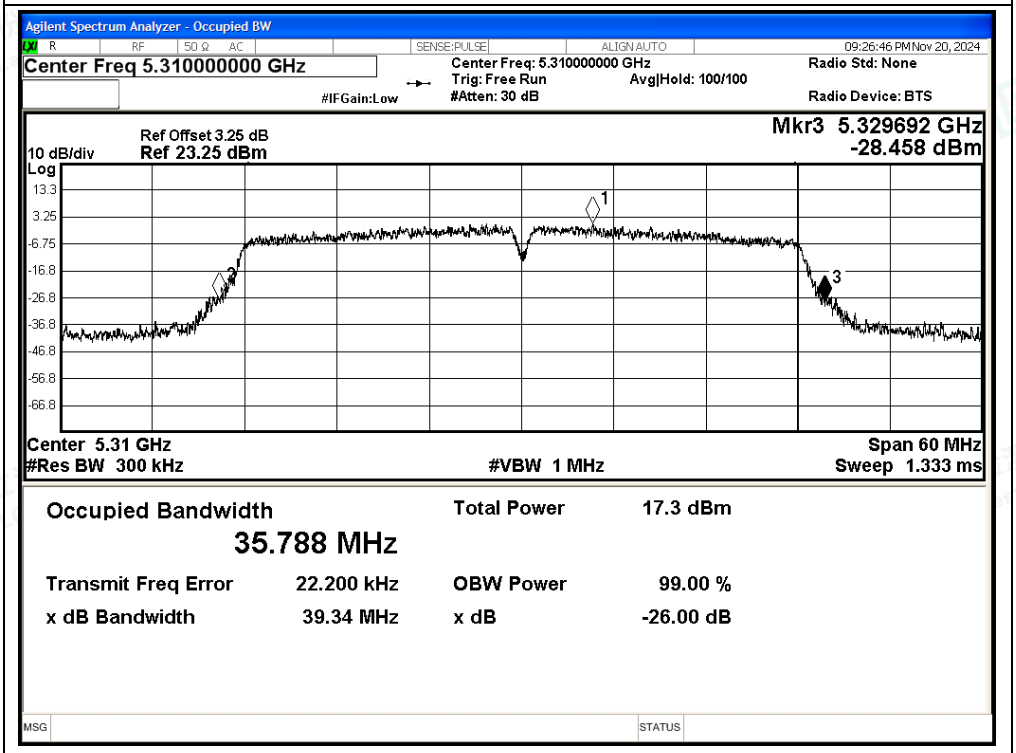
-26dB Bandwidth NVNT n20 5320MHz Ant7



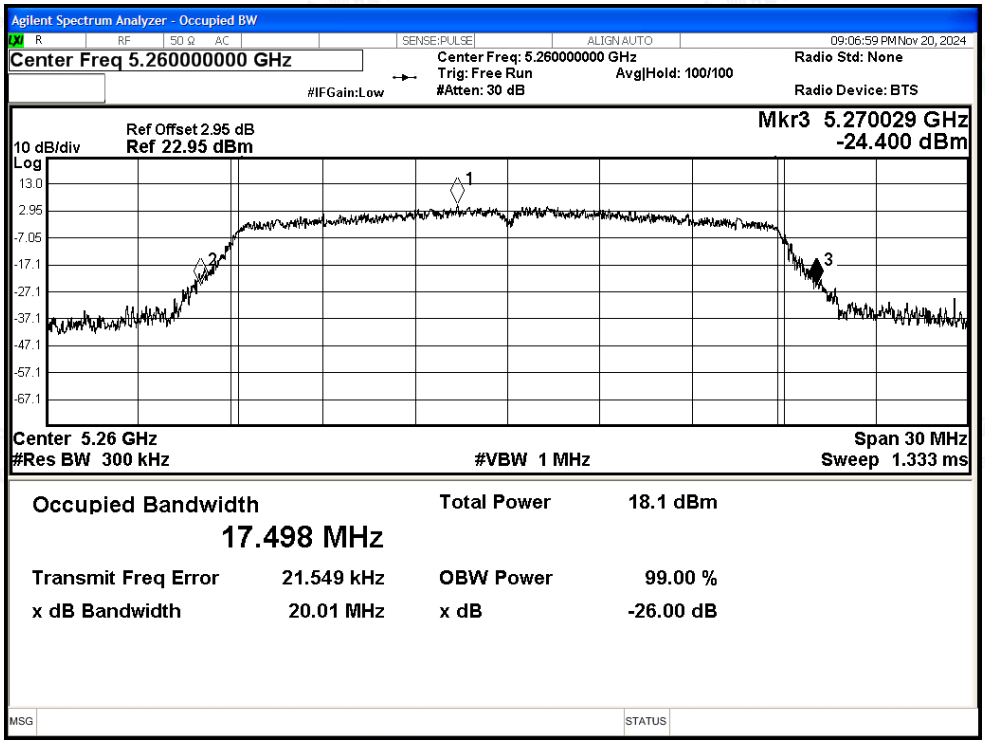
-26dB Bandwidth NVNT n40 5270MHz Ant7



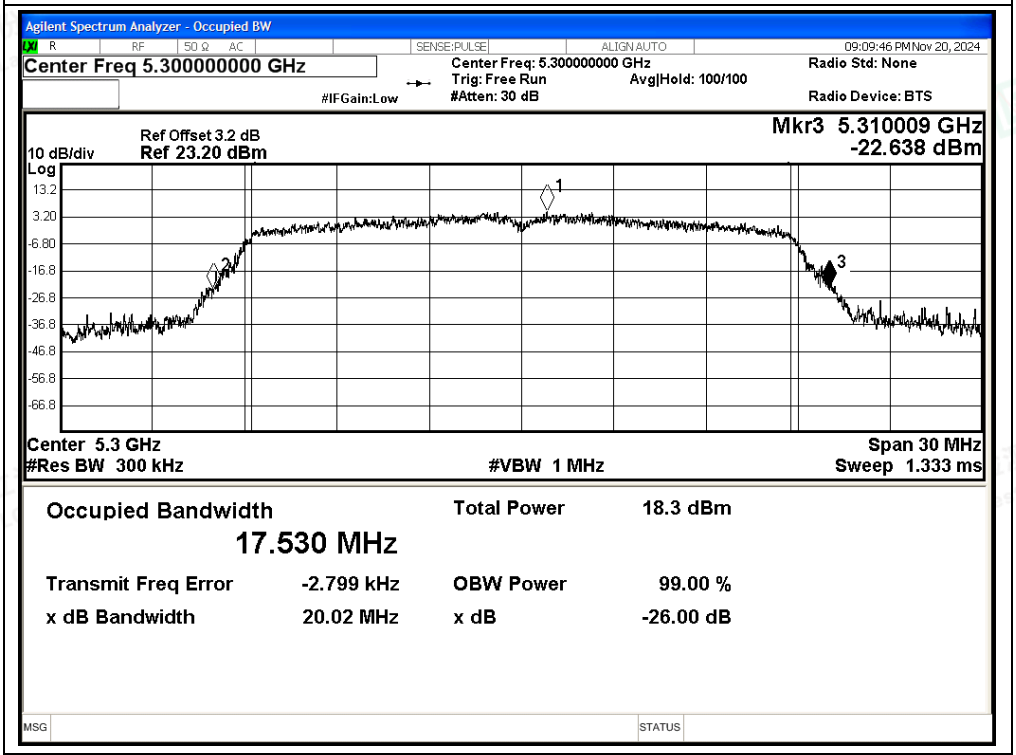
-26dB Bandwidth NVNT n40 5310MHz Ant7



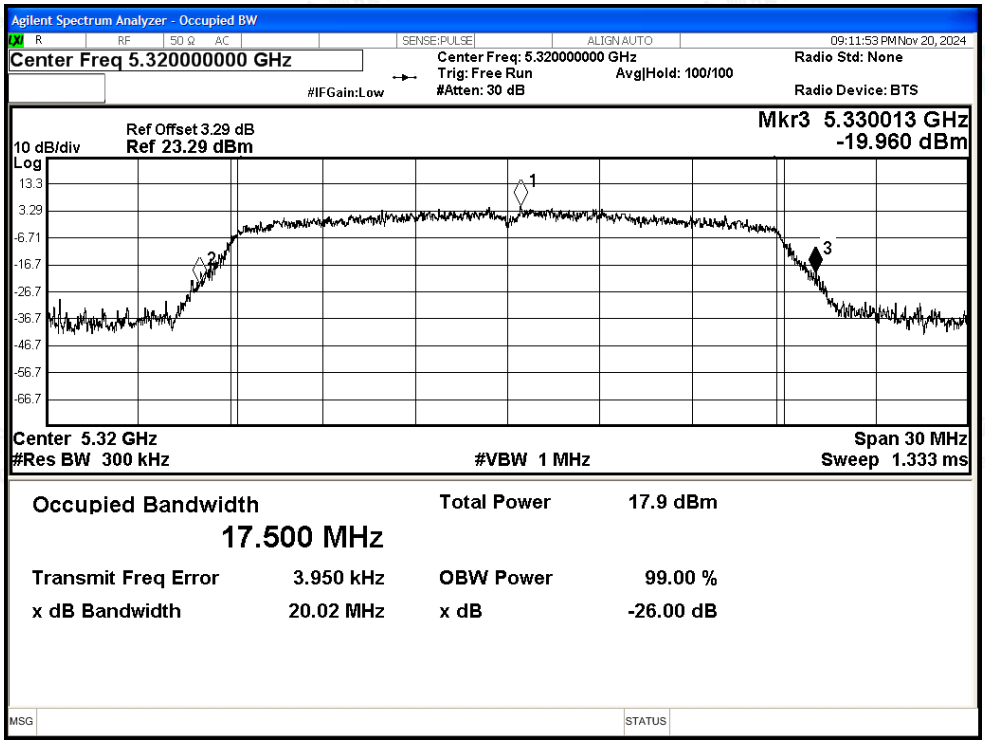
-26dB Bandwidth NVNT ac20 5260MHz Ant7



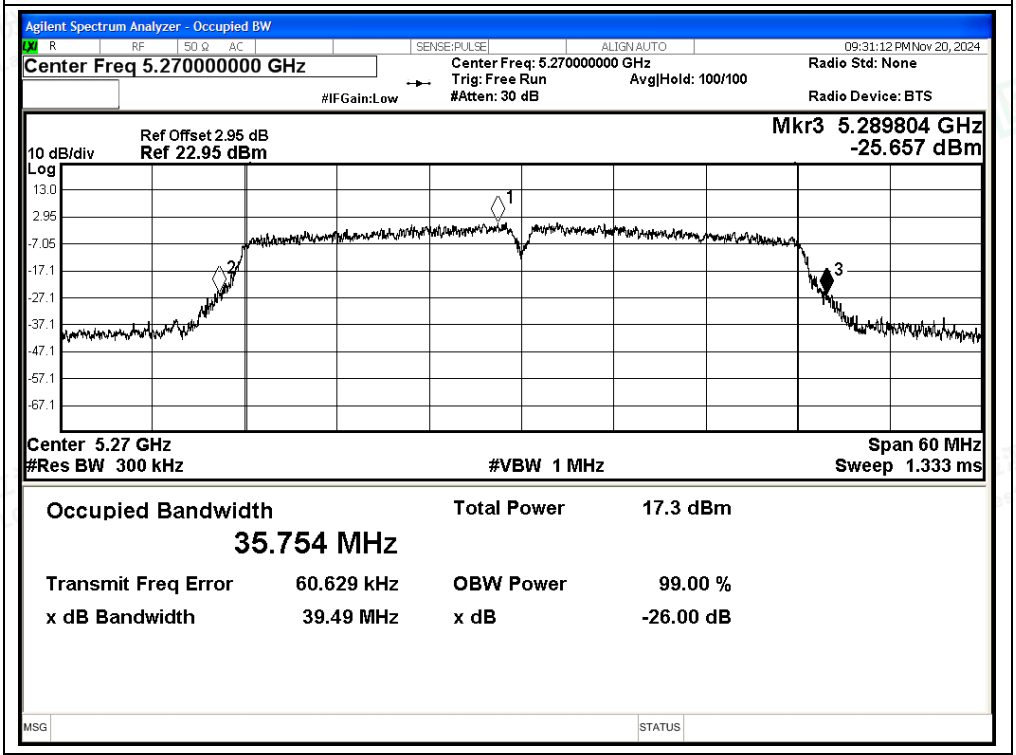
-26dB Bandwidth NVNT ac20 5300MHz Ant7



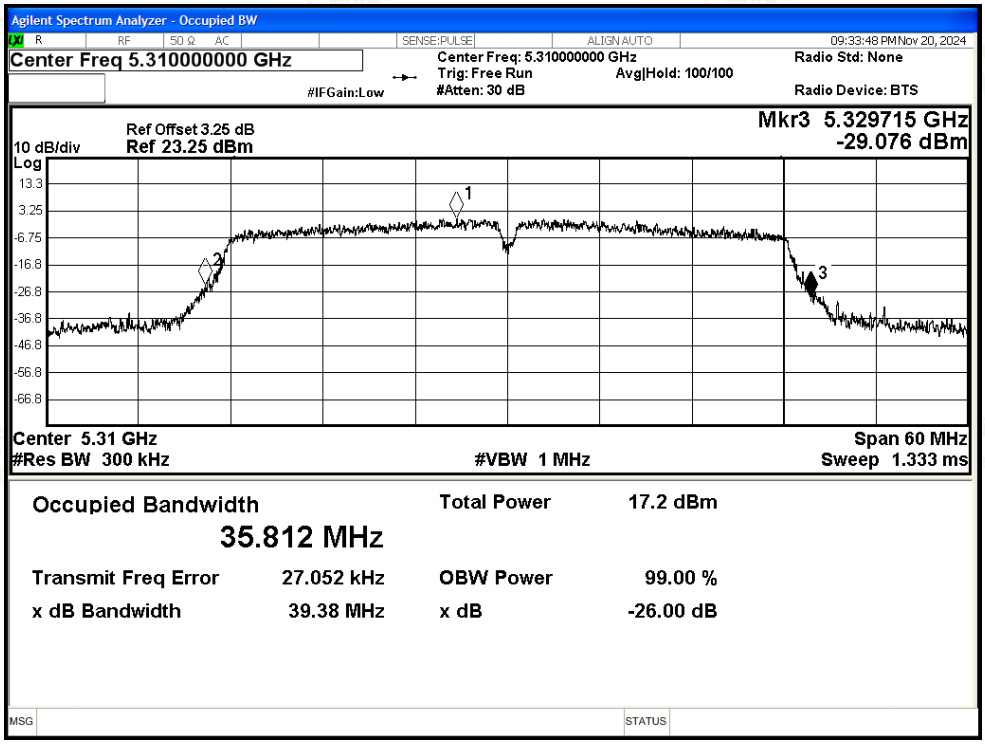
-26dB Bandwidth NVNT ac20 5320MHz Ant7



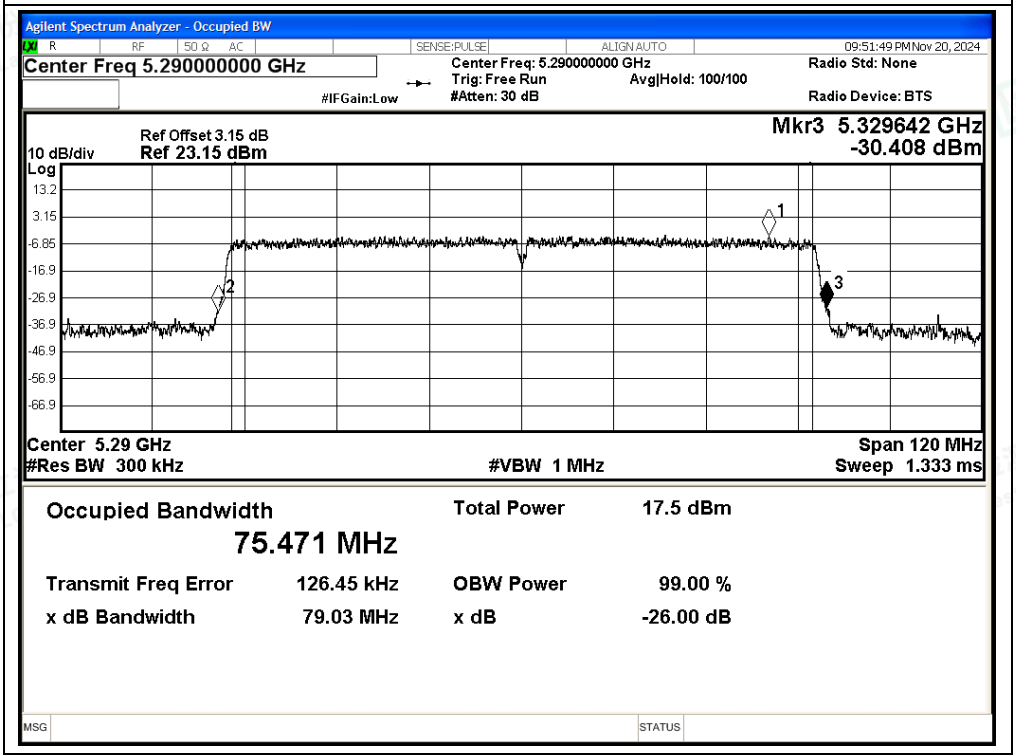
-26dB Bandwidth NVNT ac40 5270MHz Ant7



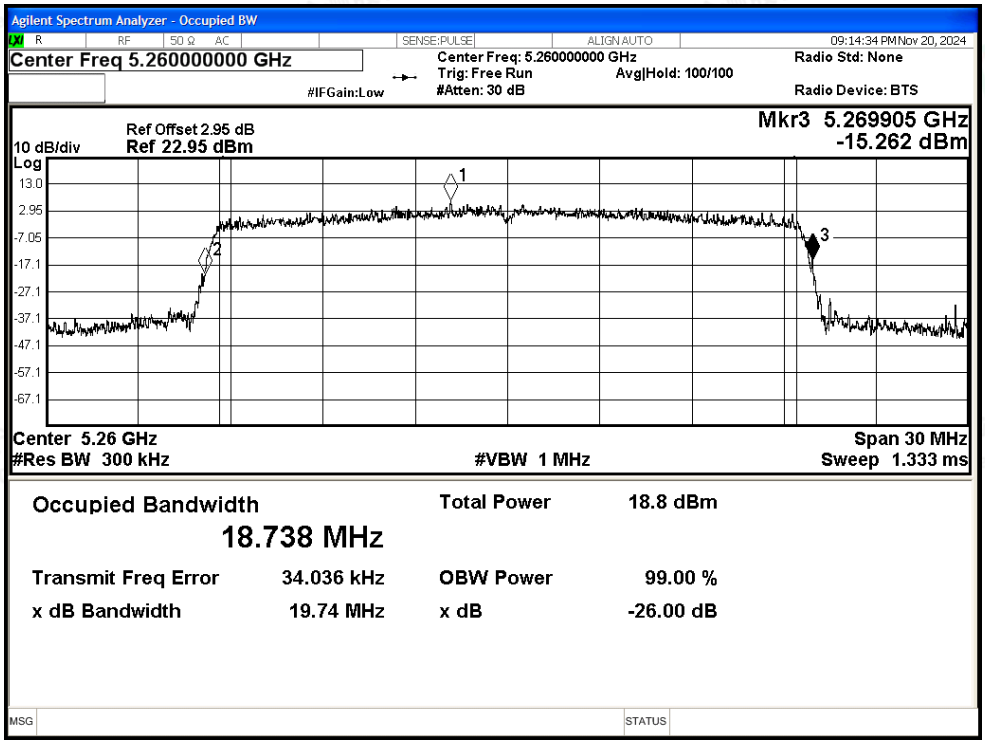
-26dB Bandwidth NVNT ac40 5310MHz Ant7



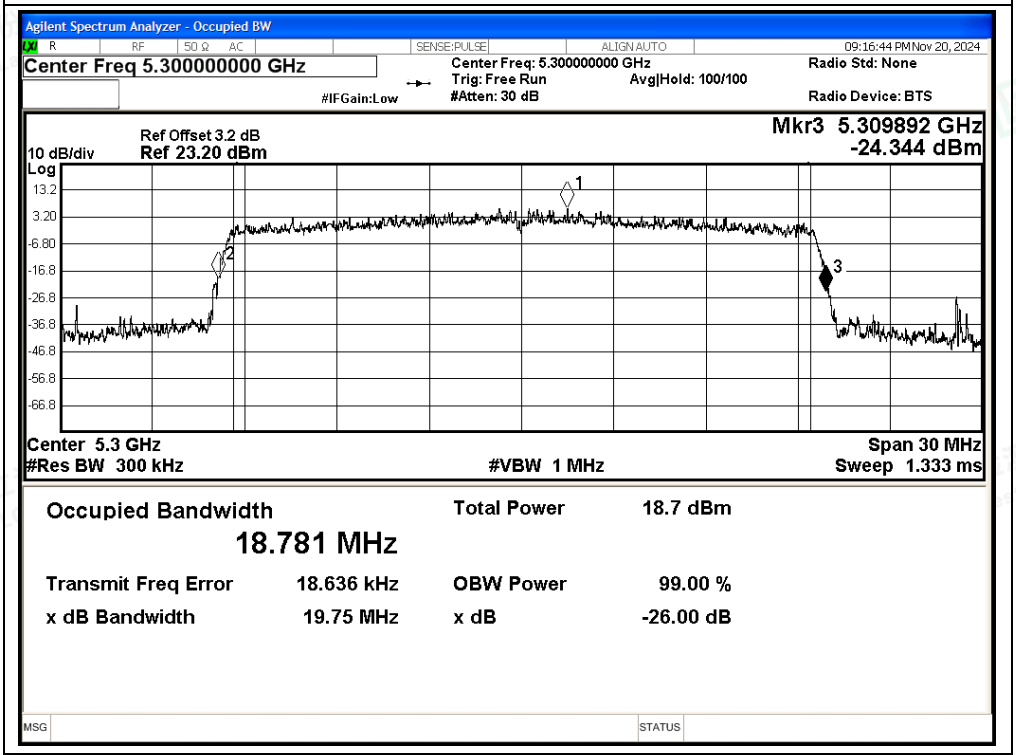
-26dB Bandwidth NVNT ac80 5290MHz Ant7



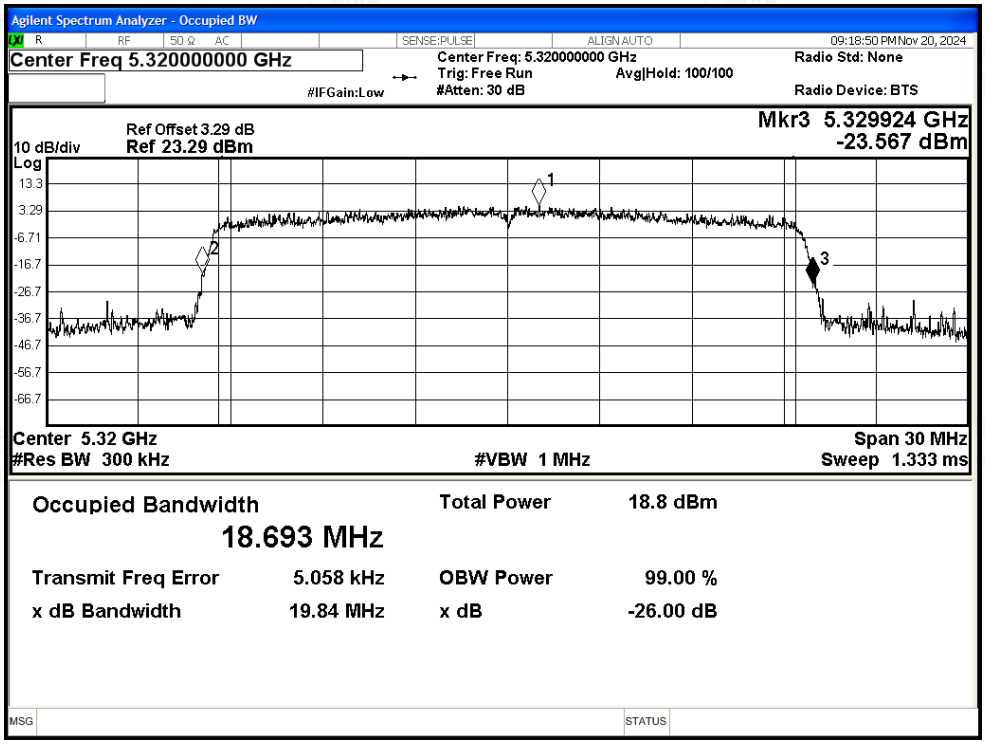
-26dB Bandwidth NVNT ax20 5260MHz Ant7



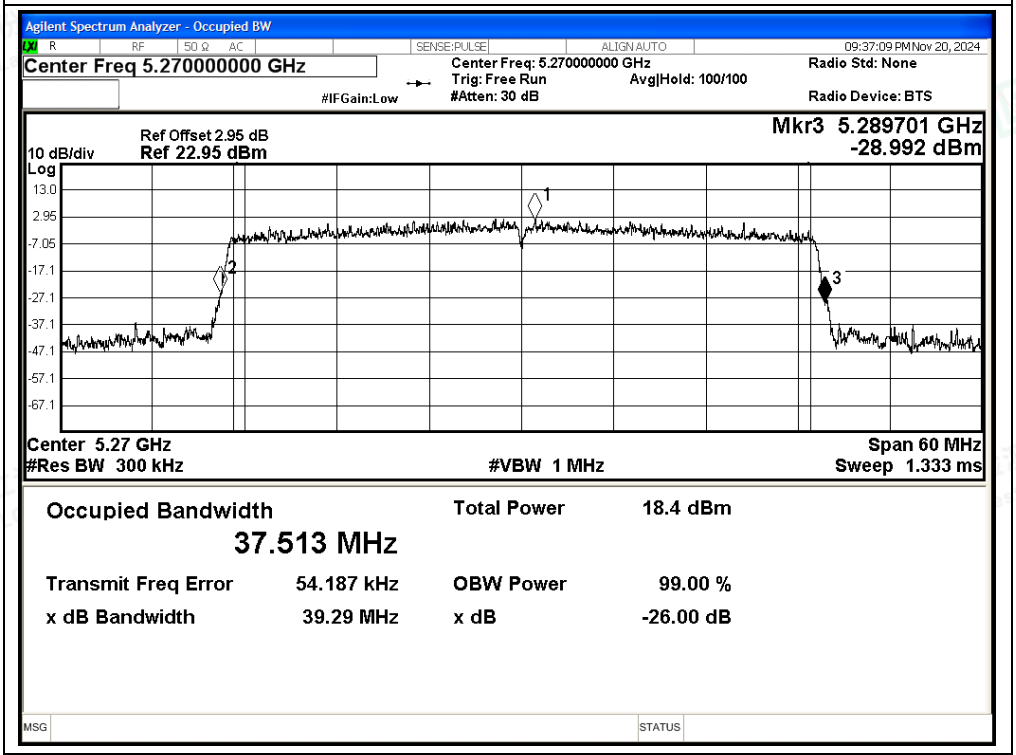
-26dB Bandwidth NVNT ax20 5300MHz Ant7



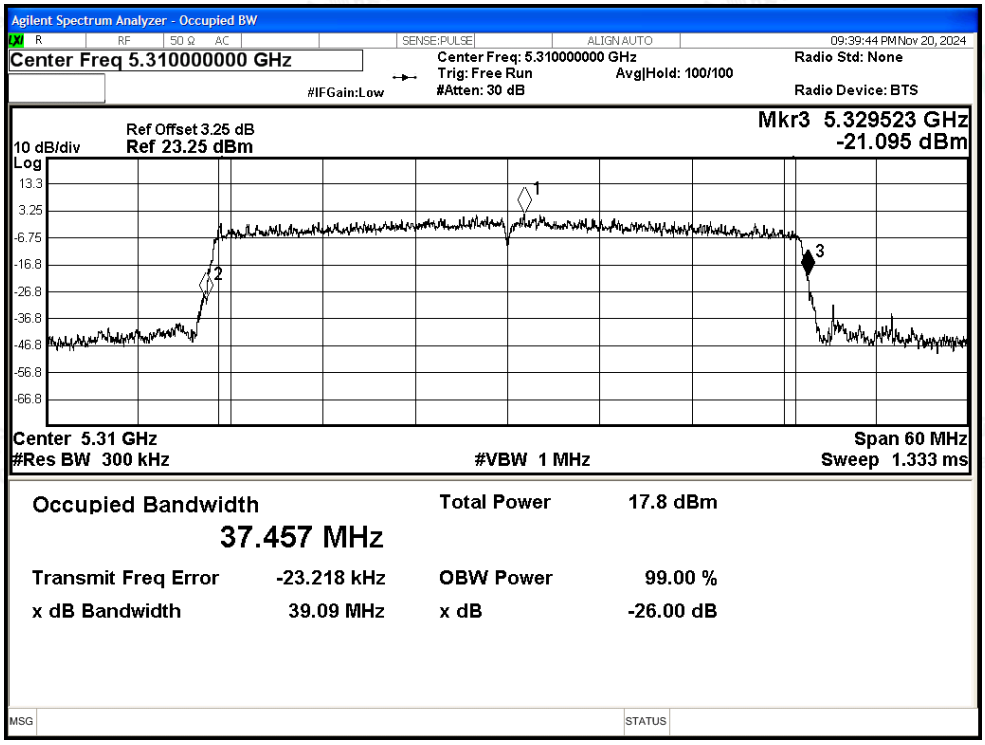
-26dB Bandwidth NVNT ax20 5320MHz Ant7



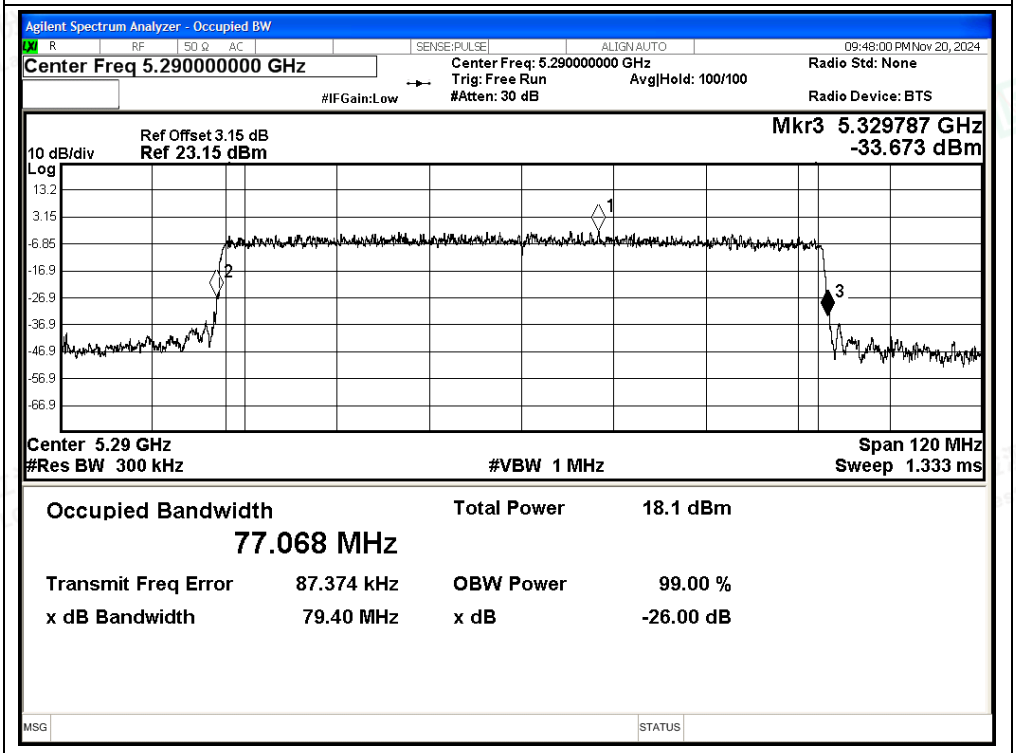
-26dB Bandwidth NVNT ax40 5270MHz Ant7



-26dB Bandwidth NVNT ax40 5310MHz Ant7



-26dB Bandwidth NVNT ax80 5290MHz Ant7



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	5260	Ant6	12.82	2.31	15.13	24	Pass
NVNT	a	5300	Ant6	12.26	2.3	14.56	24	Pass
NVNT	a	5320	Ant6	12.3	2.32	14.62	24	Pass
NVNT	n20	5260	Ant6	11.76	2.52	14.28	24	Pass
NVNT	n20	5300	Ant6	11.13	2.46	13.59	24	Pass
NVNT	n20	5320	Ant6	11.69	2.45	14.14	24	Pass
NVNT	n40	5270	Ant6	10.07	4.49	14.56	24	Pass
NVNT	n40	5310	Ant6	10.72	2.58	13.30	24	Pass
NVNT	ac20	5260	Ant6	10.99	2.43	13.42	24	Pass
NVNT	ac20	5300	Ant6	11.18	2.45	13.63	24	Pass
NVNT	ac20	5320	Ant6	11.4	2.43	13.83	24	Pass
NVNT	ac40	5270	Ant6	10.43	2.54	12.97	24	Pass
NVNT	ac40	5310	Ant6	10.39	2.56	12.95	24	Pass
NVNT	ac80	5290	Ant6	9.69	2.87	12.56	24	Pass
NVNT	ax20	5260	Ant6	10.63	2.91	13.54	24	Pass
NVNT	ax20	5300	Ant6	11.46	3.1	14.56	24	Pass
NVNT	ax20	5320	Ant6	11.16	2.89	14.05	24	Pass
NVNT	ax40	5270	Ant6	10.46	3	13.46	24	Pass
NVNT	ax40	5310	Ant6	10.04	3.02	13.06	24	Pass
NVNT	ax80	5290	Ant6	9.5	3.28	12.78	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant7	11.15	2.33	13.48	24	Pass
NVNT	a	5300	Ant7	11.04	2.31	13.35	24	Pass
NVNT	a	5320	Ant7	11.65	2.33	13.98	24	Pass
NVNT	n20	5260	Ant7	10.5	2.46	12.96	24	Pass
NVNT	n20	5300	Ant7	9.87	2.46	12.33	24	Pass
NVNT	n20	5320	Ant7	10.81	2.44	13.25	24	Pass
NVNT	n40	5270	Ant7	9.44	2.6	12.04	24	Pass
NVNT	n40	5310	Ant7	9.59	2.52	12.11	24	Pass
NVNT	ac20	5260	Ant7	10.76	2.43	13.19	24	Pass
NVNT	ac20	5300	Ant7	10.8	2.43	13.23	24	Pass
NVNT	ac20	5320	Ant7	10.13	2.43	12.56	24	Pass
NVNT	ac40	5270	Ant7	9.28	2.59	11.87	24	Pass
NVNT	ac40	5310	Ant7	8.8	2.59	11.39	24	Pass
NVNT	ac80	5290	Ant7	9.21	3	12.21	24	Pass
NVNT	ax20	5260	Ant7	10.35	2.95	13.30	24	Pass

NVNT	ax20	5300	Ant7	9.88	2.95	12.83	24	Pass
NVNT	ax20	5320	Ant7	10.48	2.93	13.41	24	Pass
NVNT	ax40	5270	Ant7	9.06	3.07	12.13	24	Pass
NVNT	ax40	5310	Ant7	9.47	3.06	12.53	24	Pass
NVNT	ax80	5290	Ant7	9	3.26	12.26	24	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			Ant6	Ant7	Ant6+Ant7		
NVNT	n20	5260	14.28	12.96	16.68	24	Pass
NVNT	n20	5300	13.59	12.33	16.02	24	Pass
NVNT	n20	5320	14.14	13.25	16.73	24	Pass
NVNT	n40	5270	14.56	12.04	16.49	24	Pass
NVNT	n40	5310	13.30	12.11	15.76	24	Pass
NVNT	ac20	5260	13.42	13.19	16.32	24	Pass
NVNT	ac20	5300	13.63	13.23	16.44	24	Pass
NVNT	ac20	5320	13.83	12.56	16.25	24	Pass
NVNT	ac40	5270	12.97	11.87	15.47	24	Pass
NVNT	ac40	5310	12.95	11.39	15.25	24	Pass
NVNT	ac80	5290	12.56	12.21	15.40	24	Pass
NVNT	ax20	5260	13.54	13.30	16.43	24	Pass
NVNT	ax20	5300	14.56	12.83	16.79	24	Pass
NVNT	ax20	5320	14.05	13.41	16.75	24	Pass
NVNT	ax40	5270	13.46	12.13	15.86	24	Pass
NVNT	ax40	5310	13.06	12.53	15.81	24	Pass
NVNT	ax80	5290	12.78	12.26	15.54	24	Pass

E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant6	4.11	2.31	6.42	11	Pass
NVNT	a	5300	Ant6	3.51	2.3	5.81	11	Pass
NVNT	a	5320	Ant6	3.62	2.32	5.94	11	Pass
NVNT	n20	5260	Ant6	2.68	2.52	5.20	11	Pass
NVNT	n20	5300	Ant6	2.5	2.46	4.96	11	Pass
NVNT	n20	5320	Ant6	3.23	2.45	5.68	11	Pass
NVNT	n40	5270	Ant6	-1.62	4.49	2.87	11	Pass
NVNT	n40	5310	Ant6	-0.82	2.58	1.76	11	Pass
NVNT	ac20	5260	Ant6	2.69	2.43	5.12	11	Pass
NVNT	ac20	5300	Ant6	1.75	2.45	4.20	11	Pass
NVNT	ac20	5320	Ant6	2.39	2.43	4.82	11	Pass
NVNT	ac40	5270	Ant6	-0.94	2.54	1.60	11	Pass
NVNT	ac40	5310	Ant6	-0.49	2.56	2.07	11	Pass
NVNT	ac80	5290	Ant6	-6.84	2.87	-3.97	11	Pass
NVNT	ax20	5260	Ant6	2.39	2.91	5.30	11	Pass
NVNT	ax20	5300	Ant6	3	3.1	6.10	11	Pass
NVNT	ax20	5320	Ant6	2.22	2.89	5.11	11	Pass
NVNT	ax40	5270	Ant6	-2.2	3	0.80	11	Pass
NVNT	ax40	5310	Ant6	-2.48	3.02	0.54	11	Pass
NVNT	ax80	5290	Ant6	-7.22	3.28	-3.94	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant7	2.29	2.33	4.62	11	Pass
NVNT	a	5300	Ant7	2.47	2.31	4.78	11	Pass
NVNT	a	5320	Ant7	2.7	2.33	5.03	11	Pass
NVNT	n20	5260	Ant7	1.53	2.46	3.99	11	Pass
NVNT	n20	5300	Ant7	0.63	2.46	3.09	11	Pass
NVNT	n20	5320	Ant7	1.94	2.44	4.38	11	Pass
NVNT	n40	5270	Ant7	-3.23	2.6	-0.63	11	Pass
NVNT	n40	5310	Ant7	-3.2	2.52	-0.68	11	Pass
NVNT	ac20	5260	Ant7	1.36	2.43	3.79	11	Pass
NVNT	ac20	5300	Ant7	2.17	2.43	4.60	11	Pass
NVNT	ac20	5320	Ant7	0.74	2.43	3.17	11	Pass
NVNT	ac40	5270	Ant7	-2.26	2.59	0.33	11	Pass
NVNT	ac40	5310	Ant7	-2.91	2.59	-0.32	11	Pass
NVNT	ac80	5290	Ant7	-7.97	3	-4.97	11	Pass
NVNT	ax20	5260	Ant7	0.77	2.95	3.72	11	Pass

NVNT	ax20	5300	Ant7	0.45	2.95	3.40	11	Pass
NVNT	ax20	5320	Ant7	0.76	2.93	3.69	11	Pass
NVNT	ax40	5270	Ant7	-3.12	3.07	-0.05	11	Pass
NVNT	ax40	5310	Ant7	-3.71	3.06	-0.65	11	Pass
NVNT	ax80	5290	Ant7	-7.63	3.26	-4.37	11	Pass

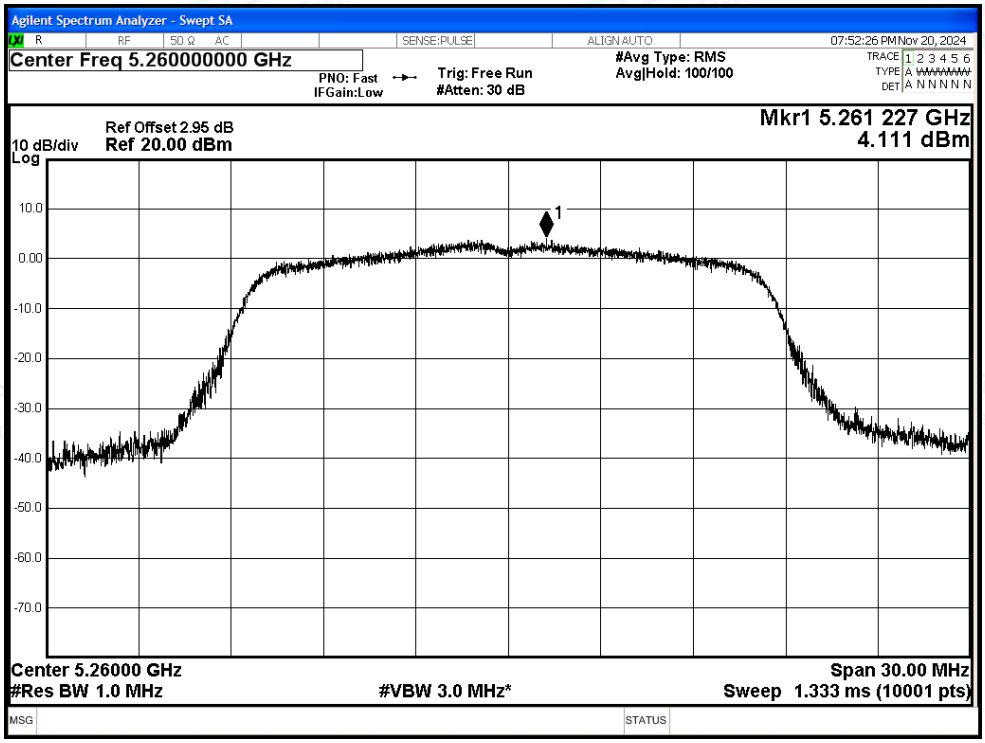
MIMO

Test Mode	Channel	Frequency (MHz)	Ant6 Conducted Power (dBm/MHz)	Ant7 Conducted Power (dBm/MHz)	MIMO AV Conducted Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
n20	52	5260	5.20	3.99	7.65	≤11	Pass
	60	5300	4.96	3.09	7.14		Pass
	64	5320	5.68	4.38	8.09		Pass
N40	54	5270	2.87	-0.63	4.47	≤11	Pass
	62	5310	1.76	-0.68	3.72		Pass
ac20	52	5260	5.12	3.79	7.52	≤11	Pass
	60	5300	4.20	4.60	7.41		Pass
	64	5320	4.82	3.17	7.08		Pass
ac40	54	5270	1.60	0.33	4.02	≤11	Pass
	62	5310	2.07	-0.32	4.05		Pass
ac80	58	5290	-3.97	-4.97	-1.43	≤11	Pass
ax20	52	5260	5.30	3.72	7.59	≤11	Pass
	60	5300	6.10	3.40	7.97		Pass
	64	5320	5.11	3.69	7.47		Pass
ax40	54	5270	0.80	-0.05	3.41	≤11	Pass
	62	5310	0.54	-0.65	3.00		Pass
ax80	58	5290	-3.94	-4.37	-1.14	≤11	Pass

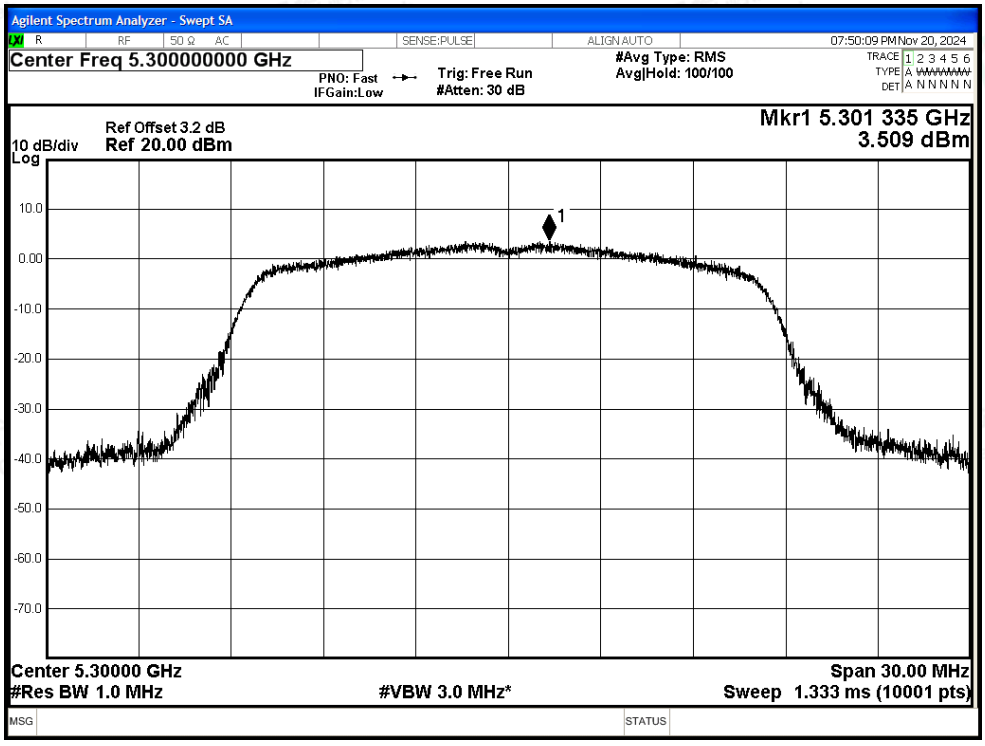
Note：The Duty Cycle Factor is compensated in the graph.

Test Graphs

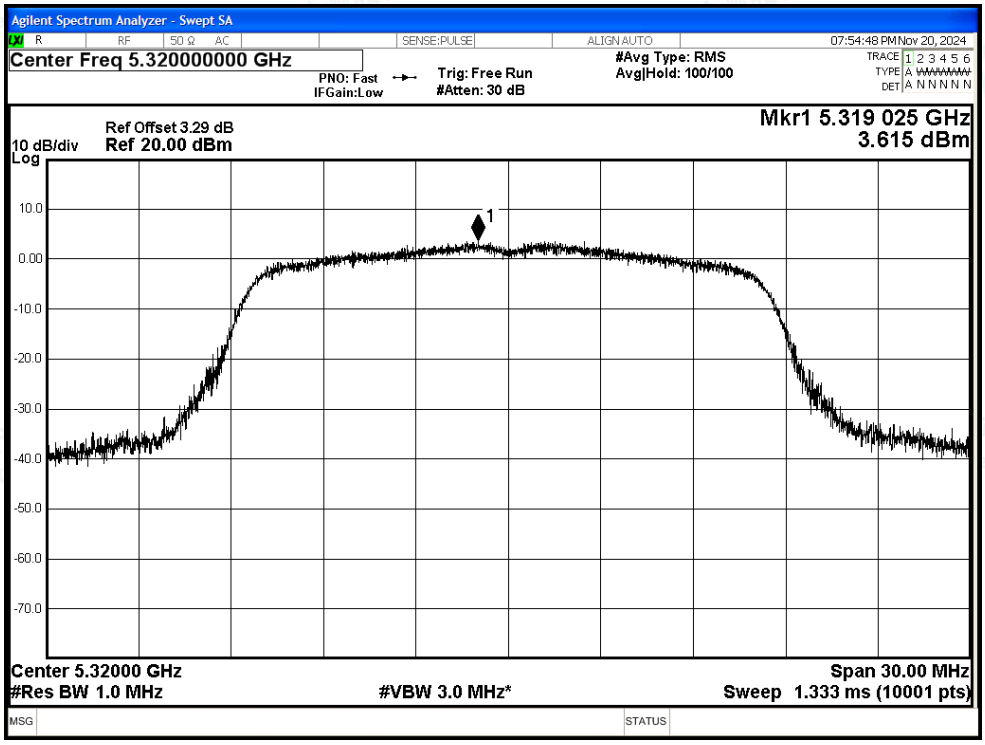
PSD NVNT a 5260MHz Ant6



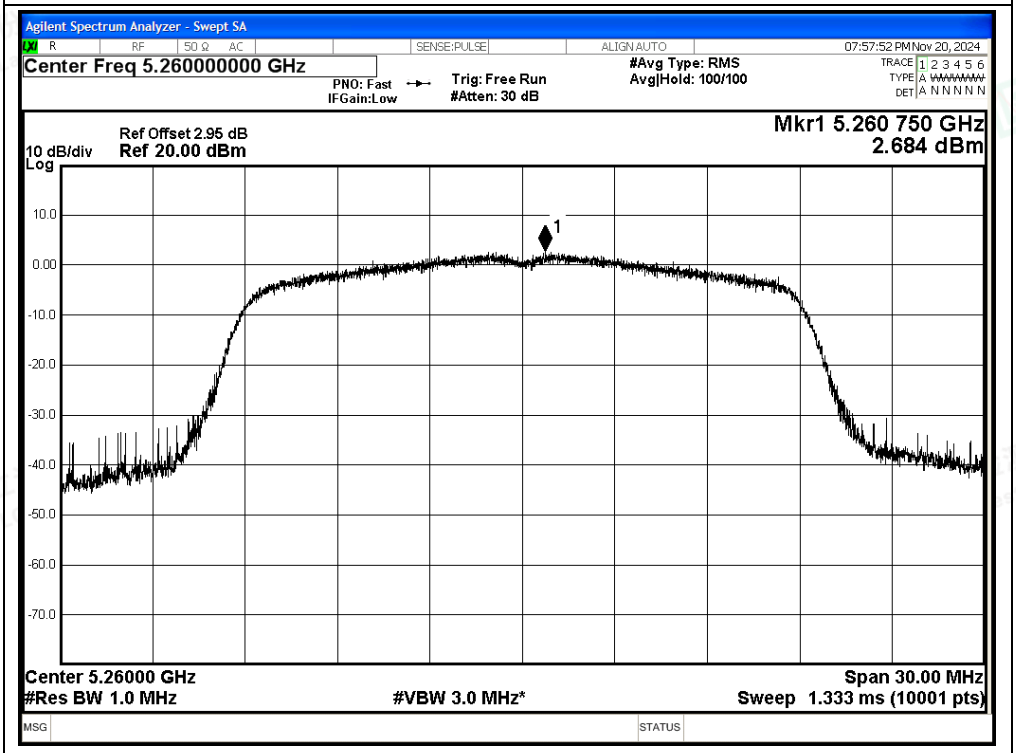
PSD NVNT a 5300MHz Ant6



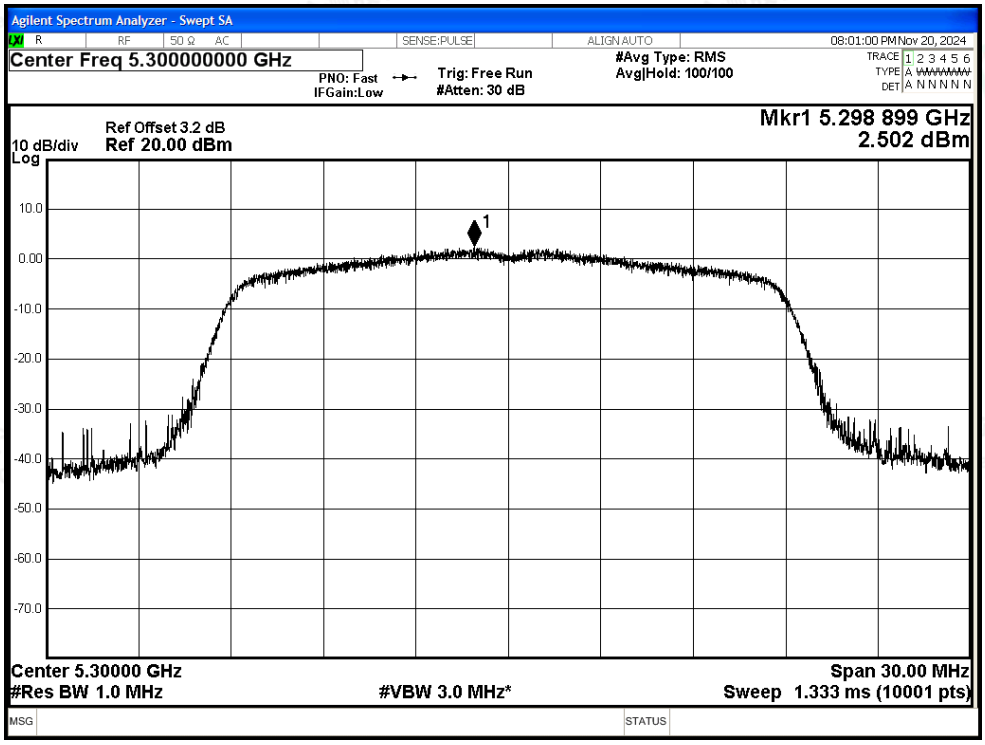
PSD NVNT a 5320MHz Ant6



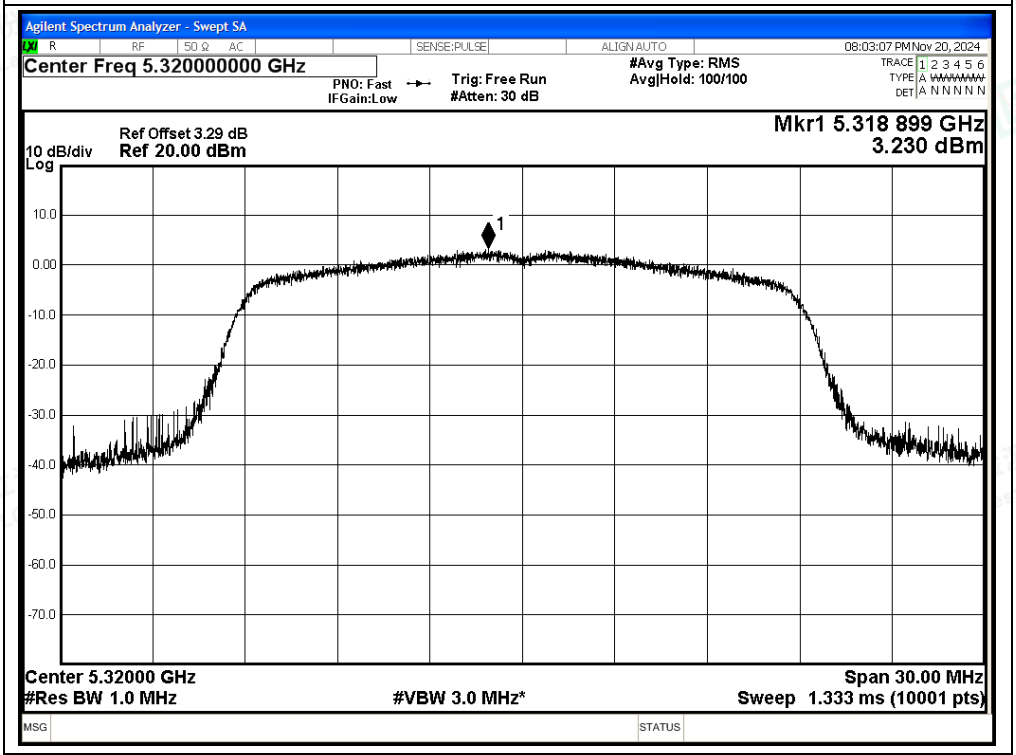
PSD NVNT n20 5260MHz Ant6



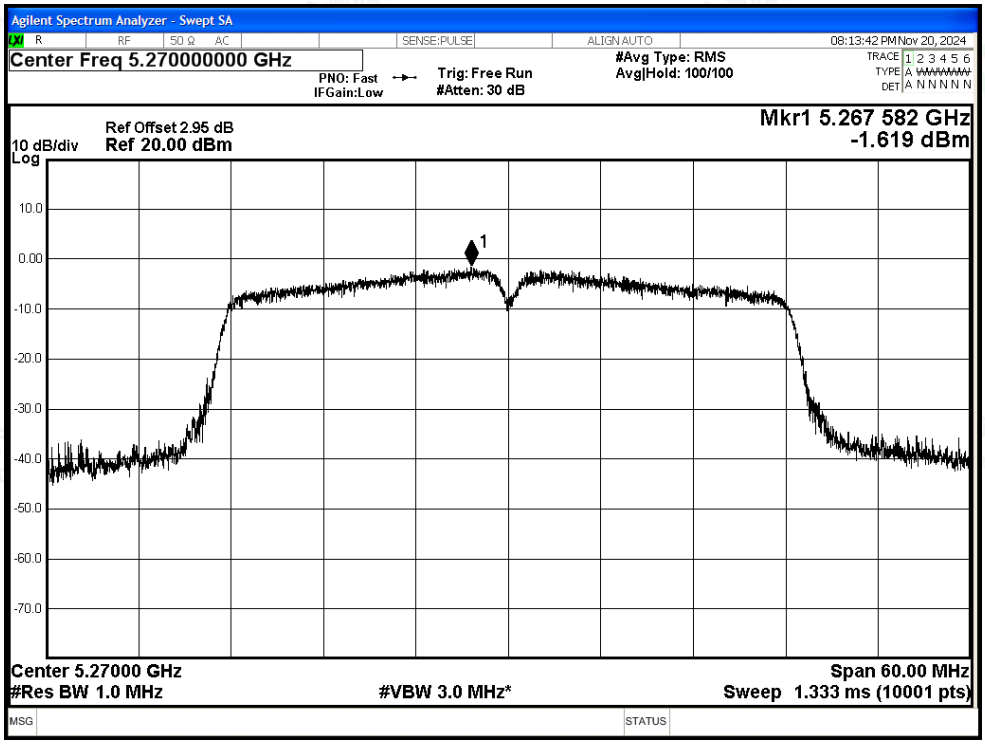
PSD NVNT n20 5300MHz Ant6



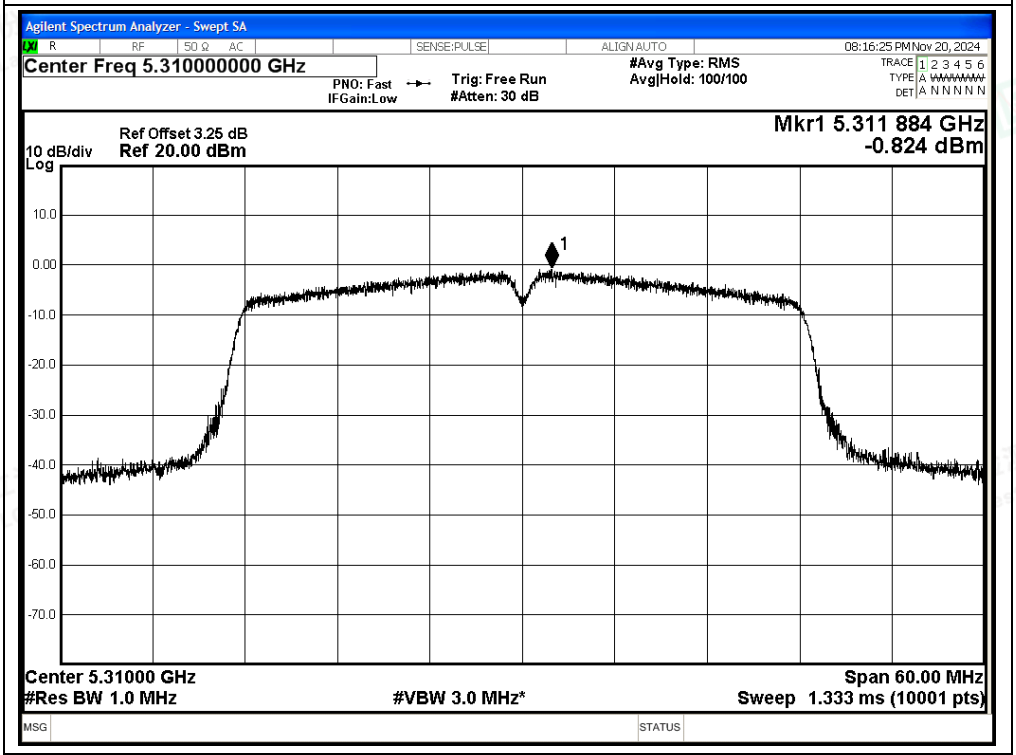
PSD NVNT n20 5320MHz Ant6



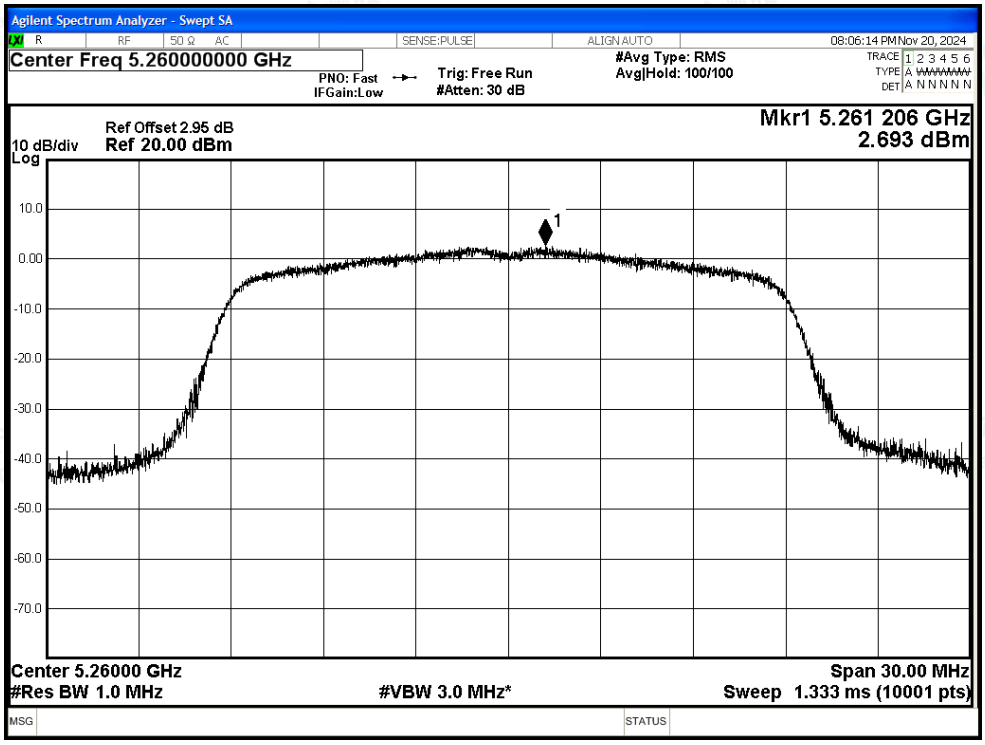
PSD NVNT n40 5270MHz Ant6



PSD NVNT n40 5310MHz Ant6



PSD NVNT ac20 5260MHz Ant6



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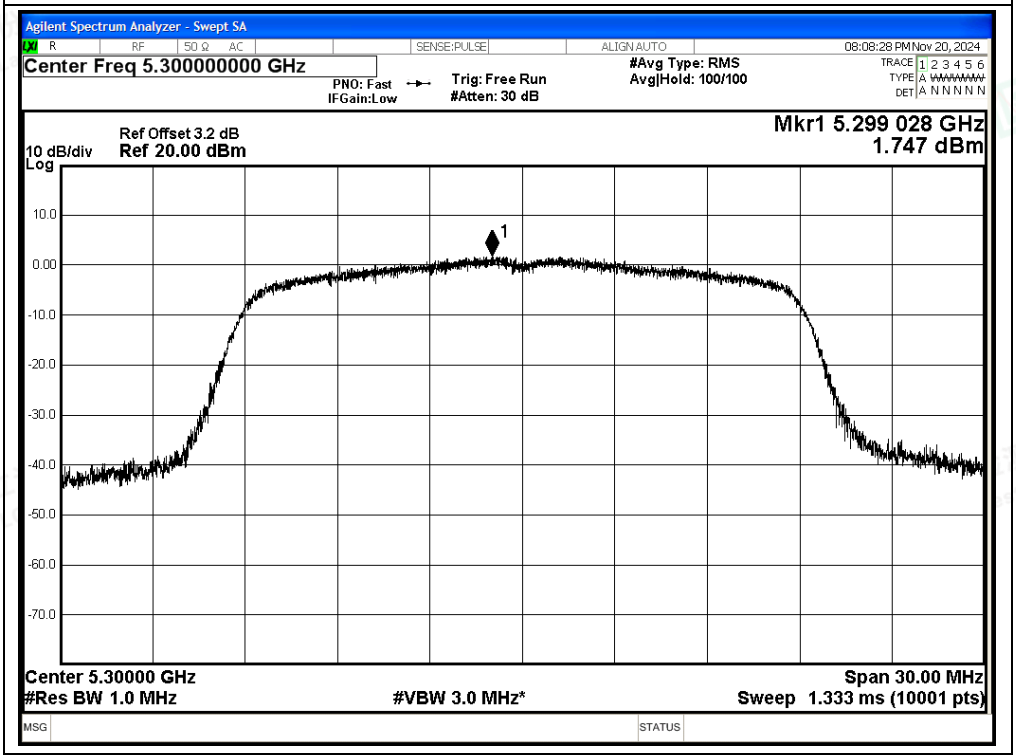

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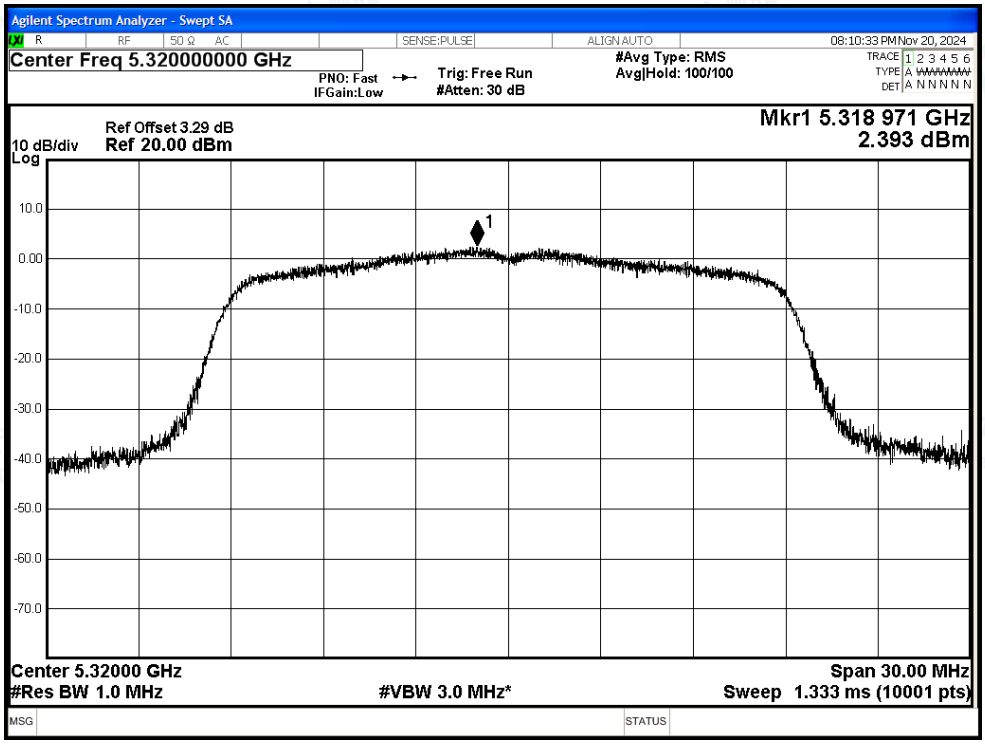
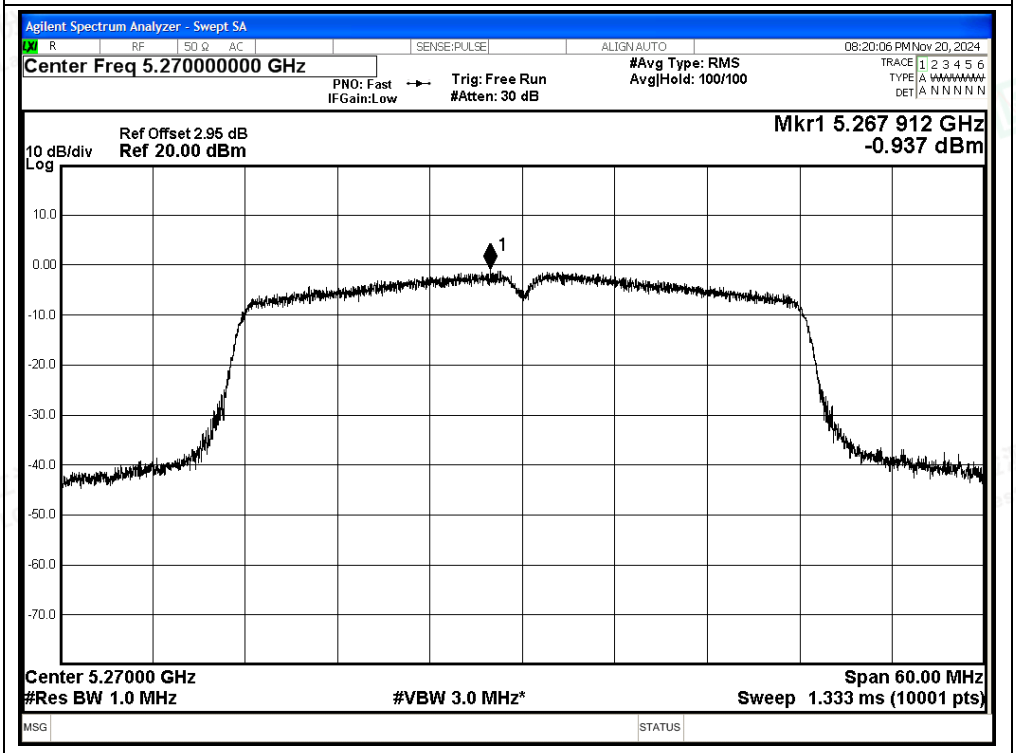
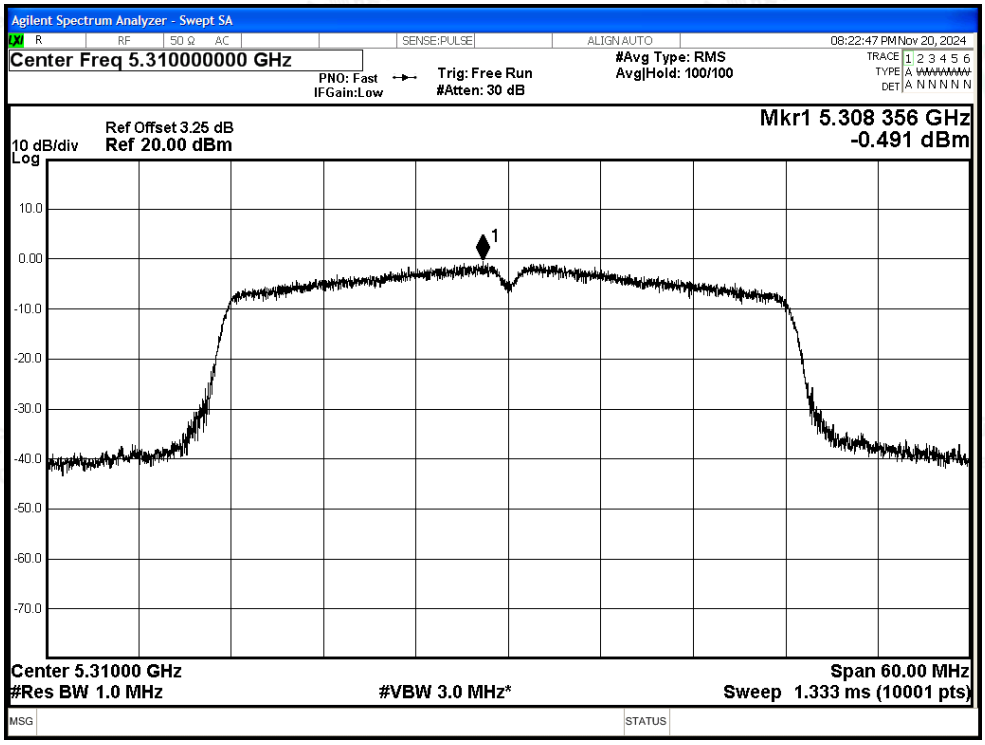


PSD NVNT ac40 5270MHz Ant6



PSD NVNT ac40 5310MHz Ant6



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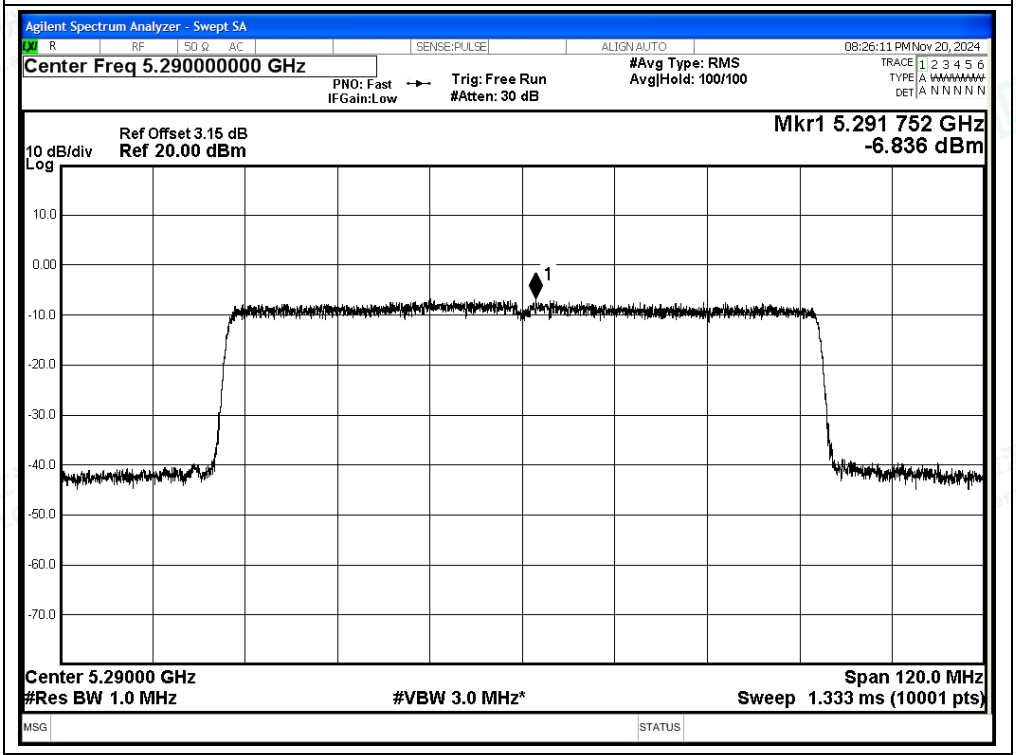
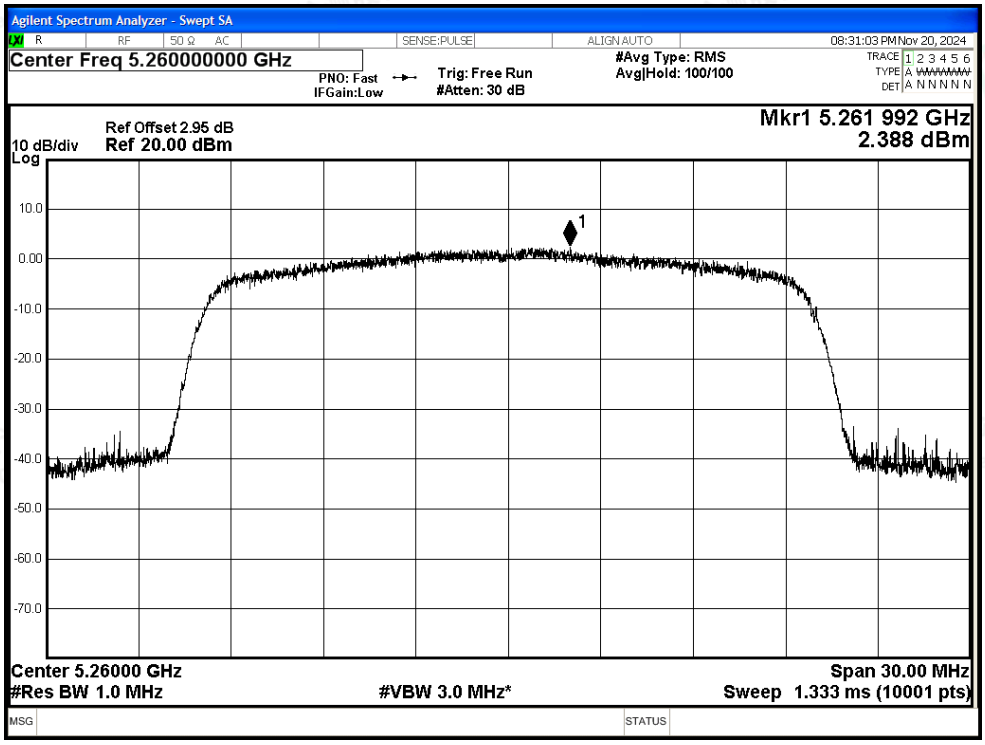
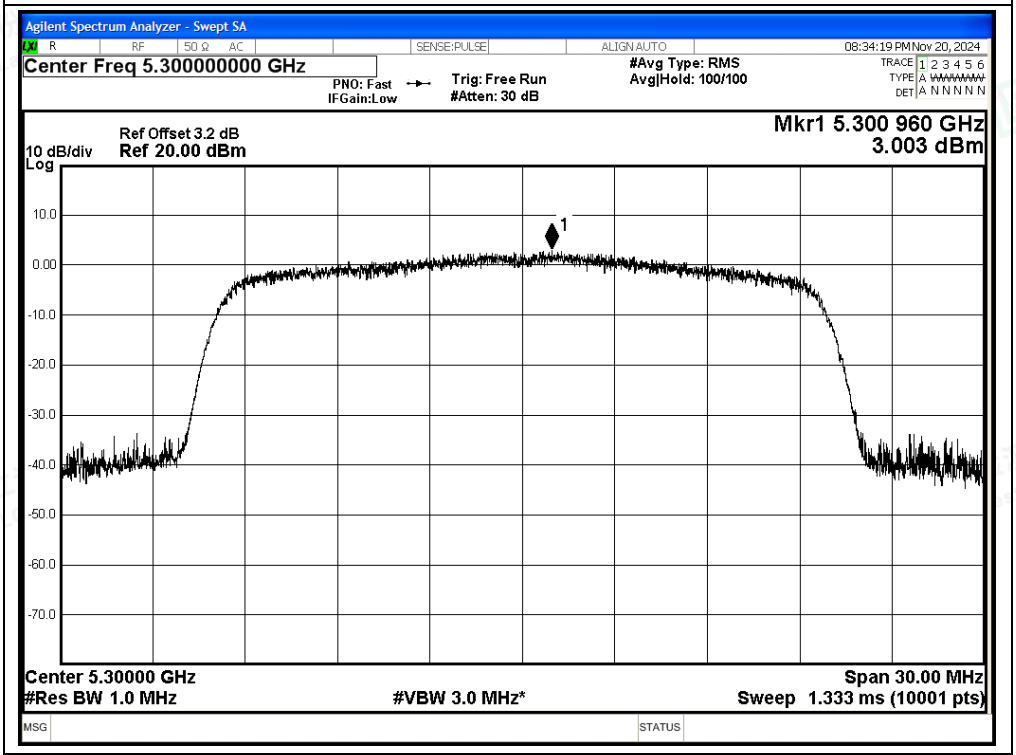


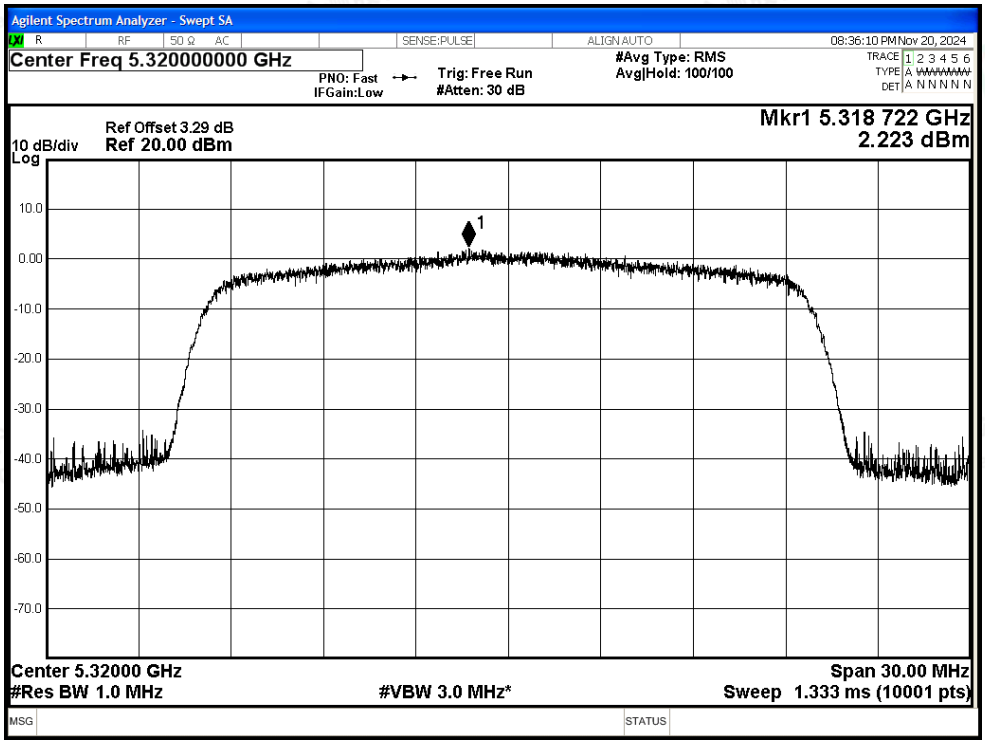
PSD NVNT ax20 5260MHz Ant6



PSD NVNT ax20 5300MHz Ant6



PSD NVNT ax20 5320MHz Ant6



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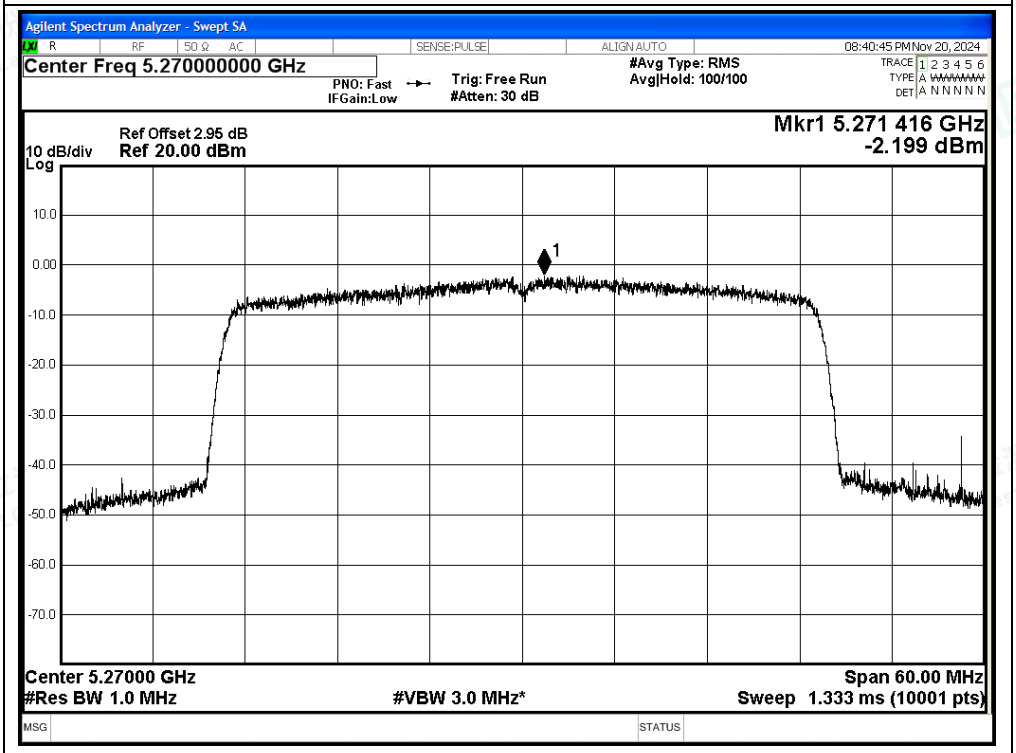

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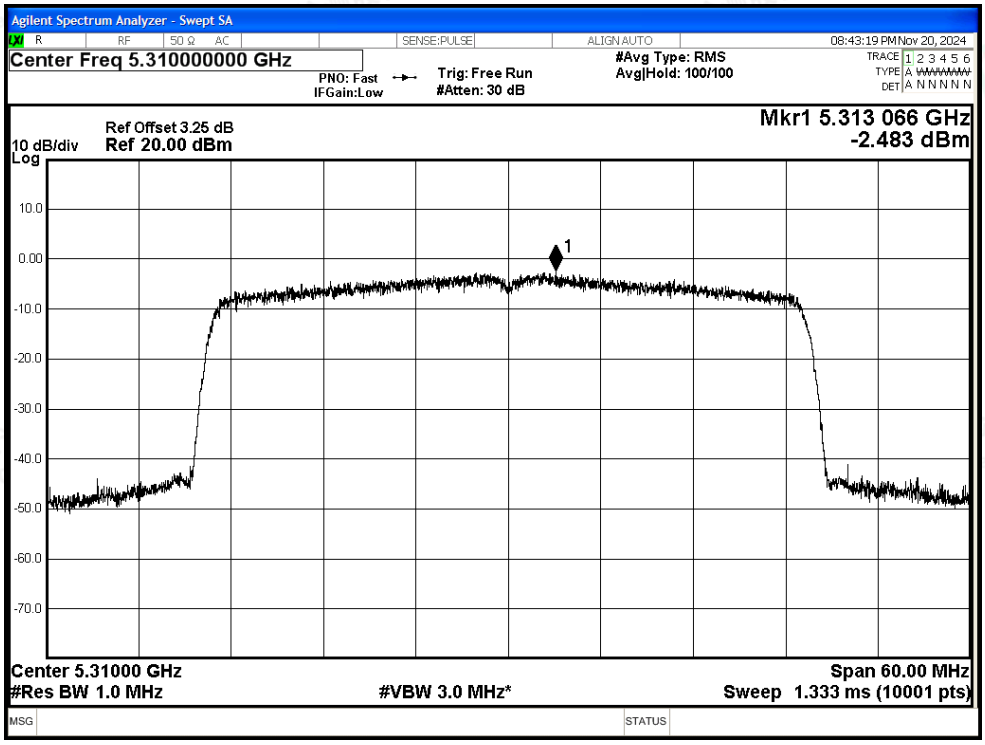
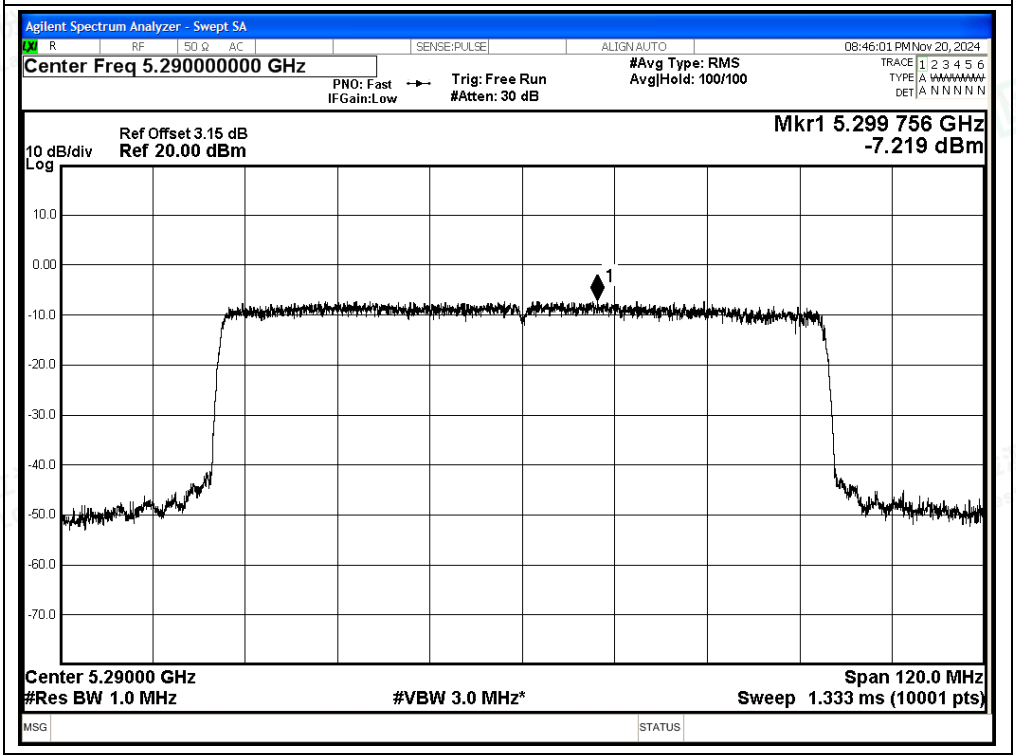
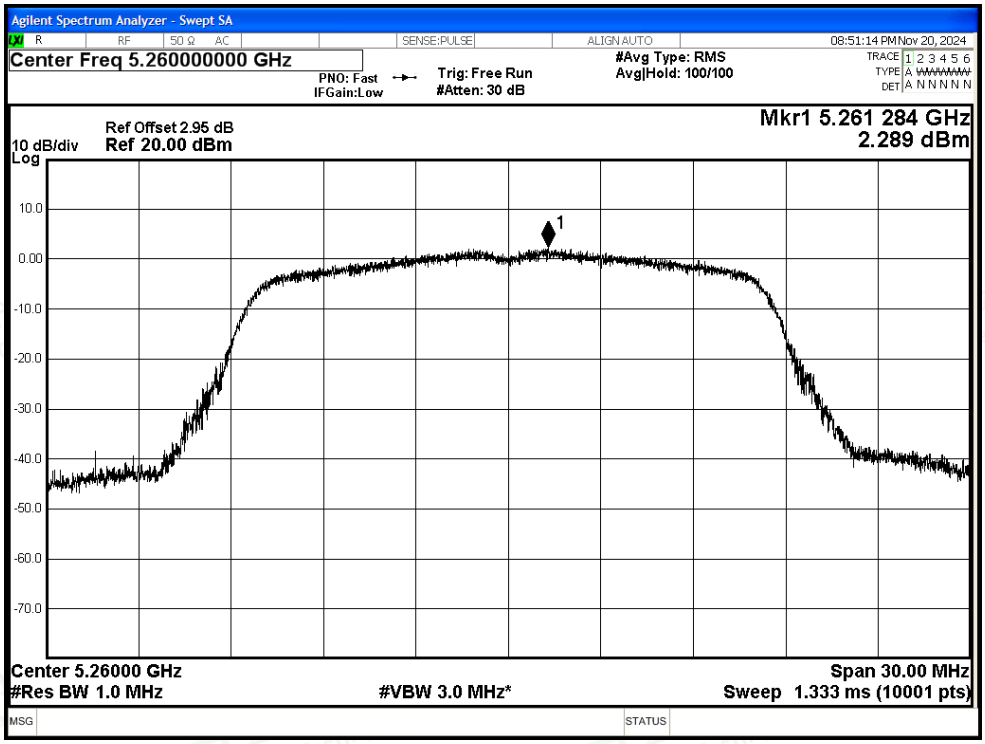


PSD NVNT ax80 5290MHz Ant6

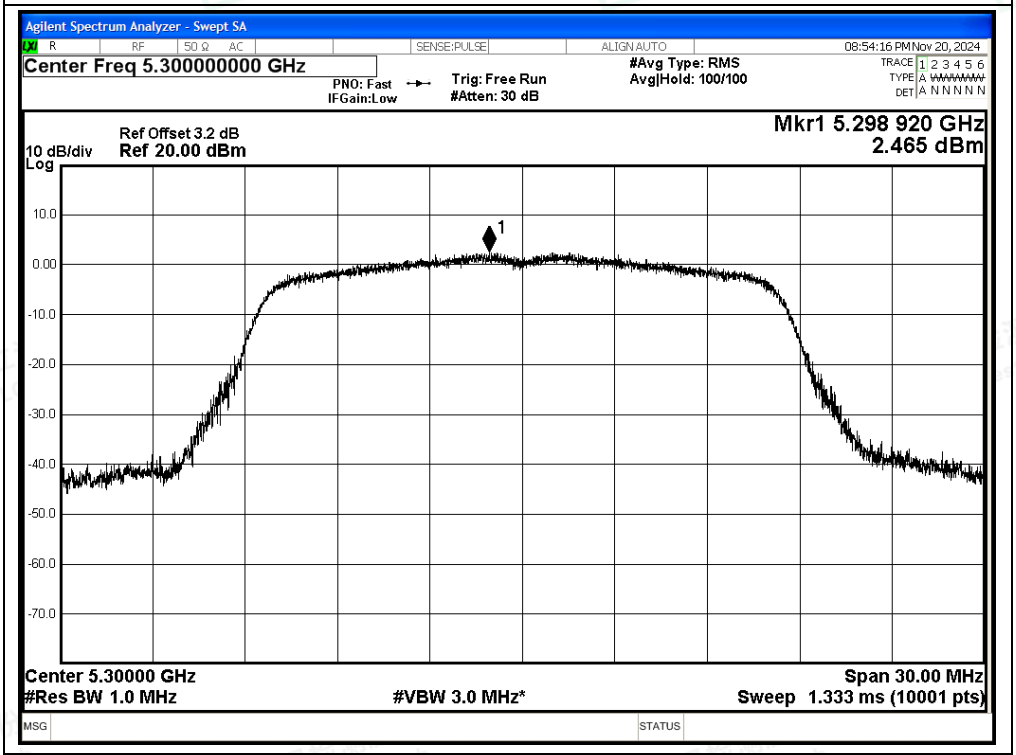


Test Graphs

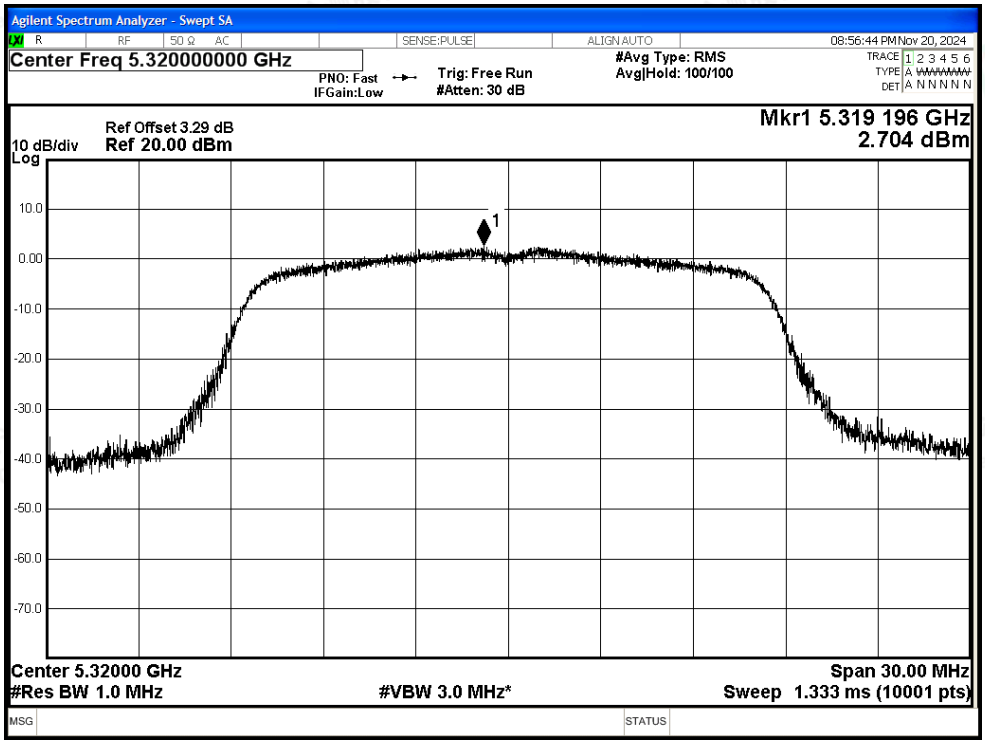
PSD NVNT a 5260MHz Ant7



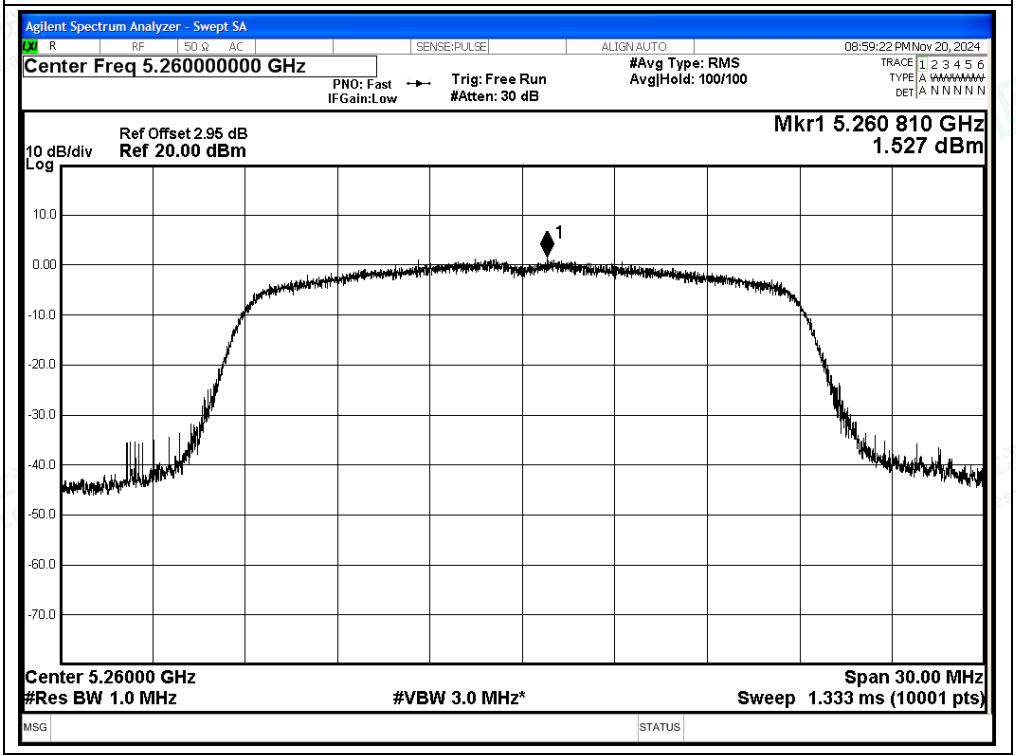
PSD NVNT a 5300MHz Ant7



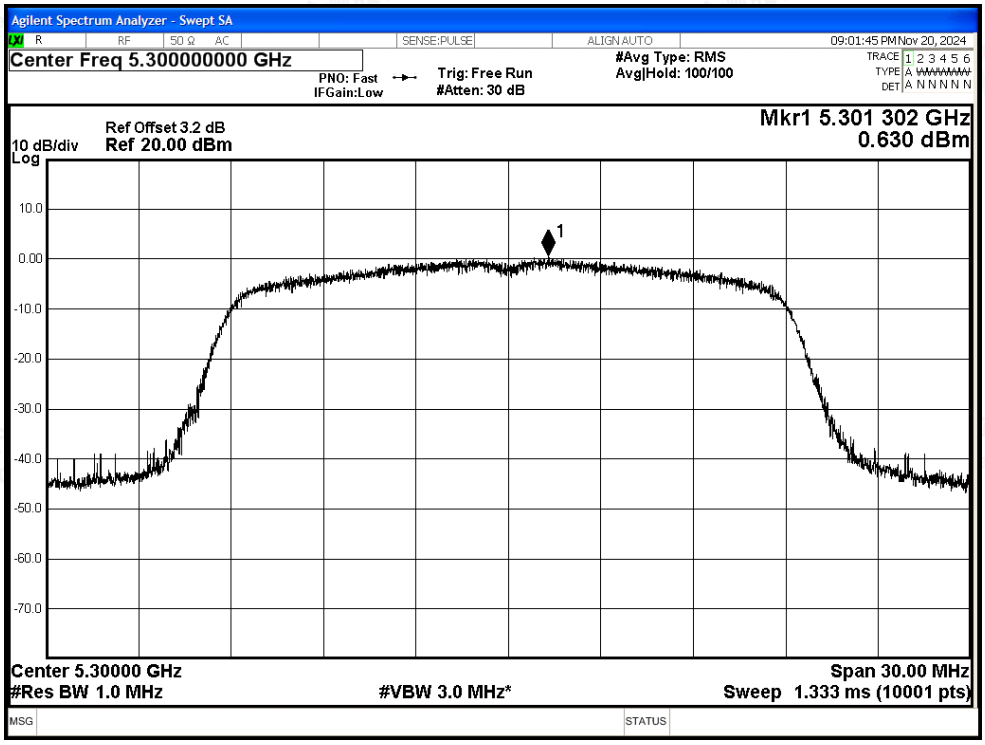
PSD NVNT a 5320MHz Ant7



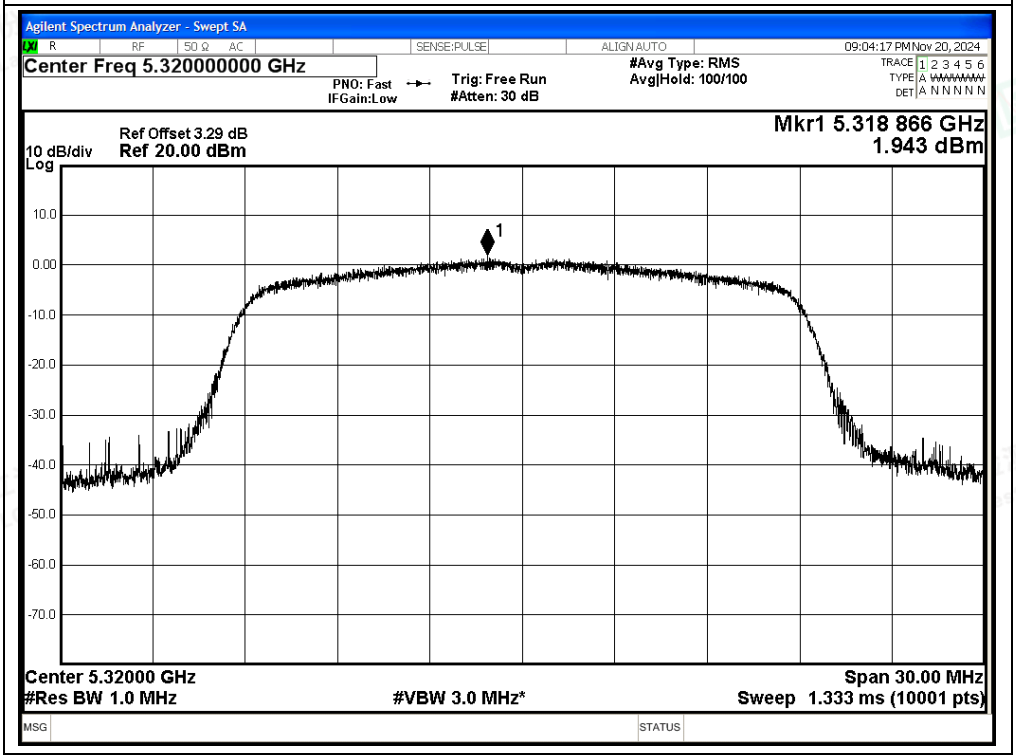
PSD NVNT n20 5260MHz Ant7



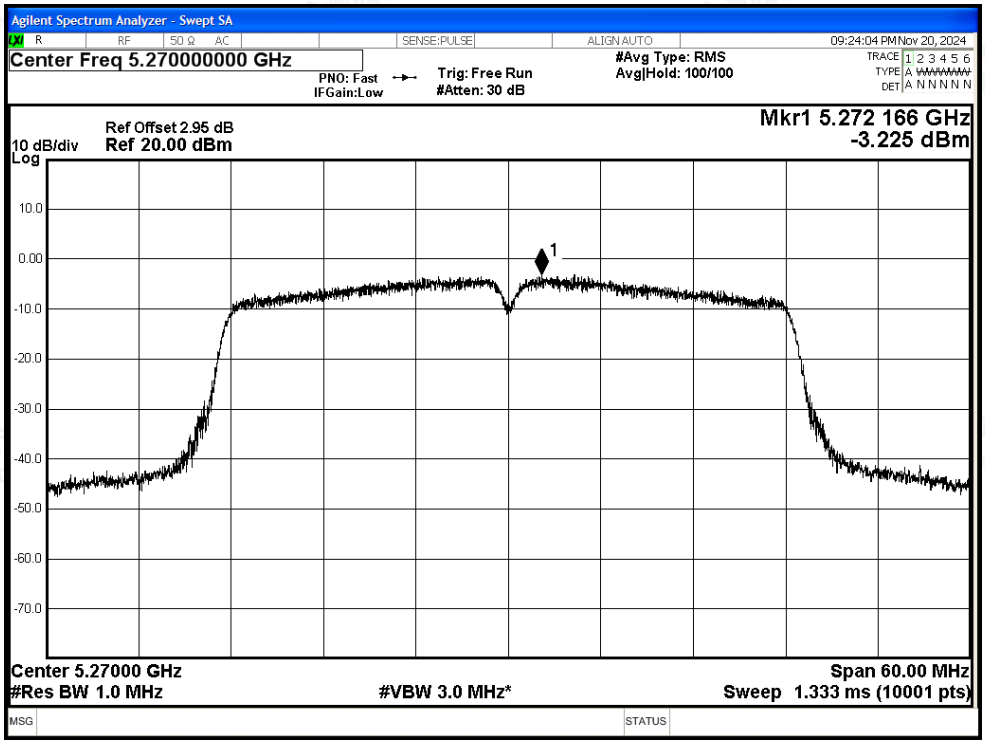
PSD NVNT n20 5300MHz Ant7



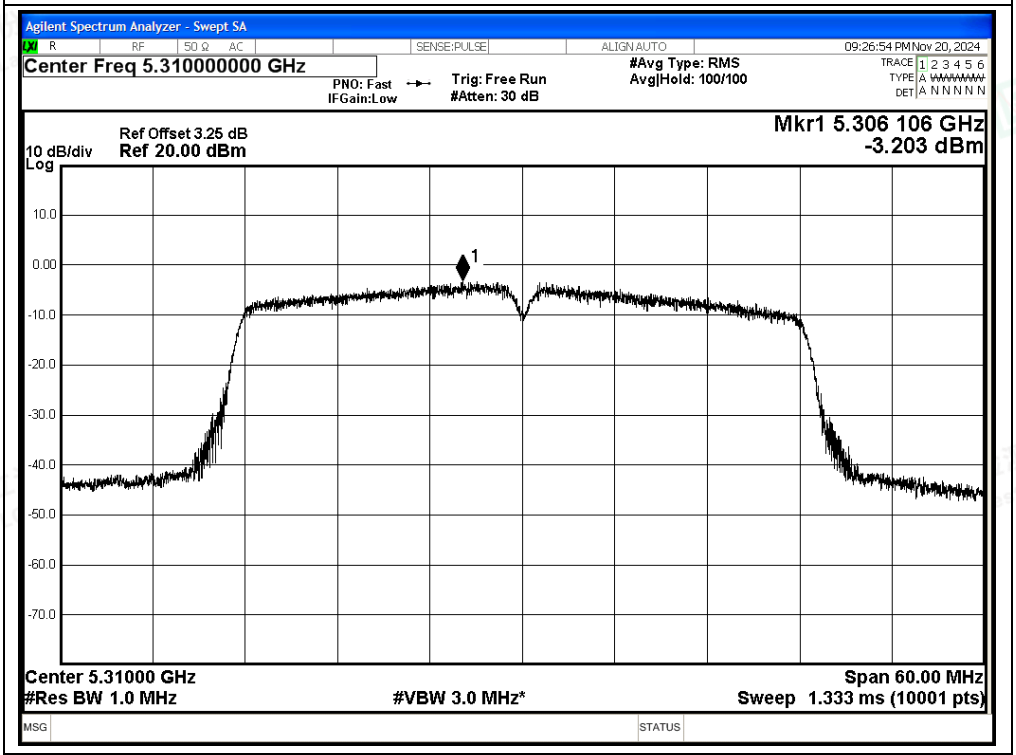
PSD NVNT n20 5320MHz Ant7



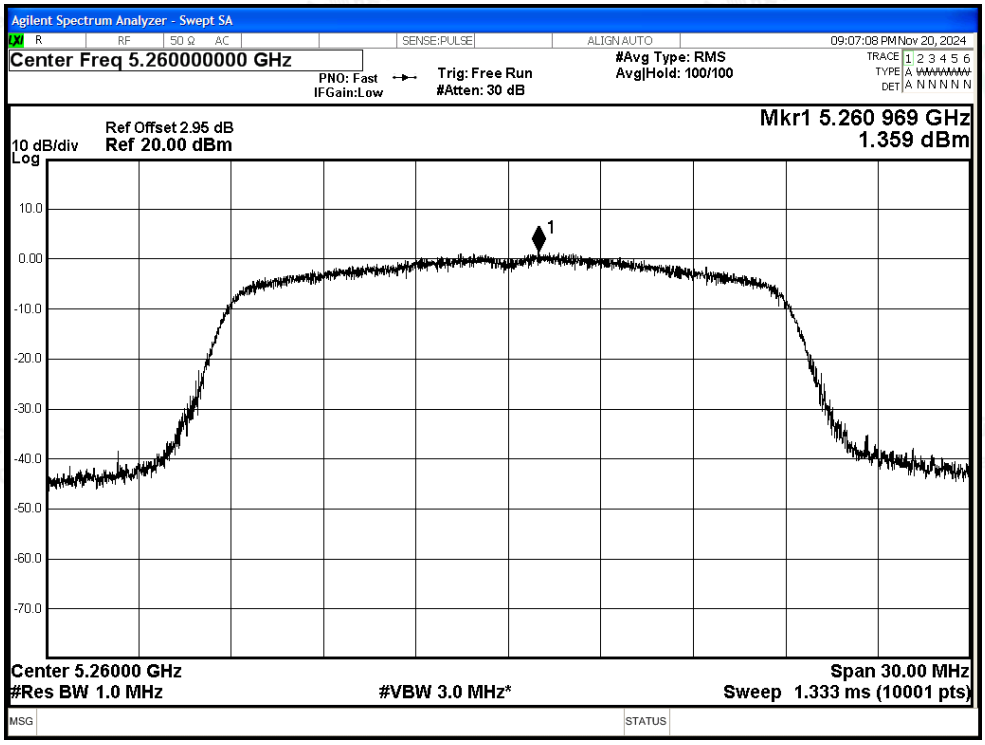
PSD NVNT n40 5270MHz Ant7



PSD NVNT n40 5310MHz Ant7



PSD NVNT ac20 5260MHz Ant7



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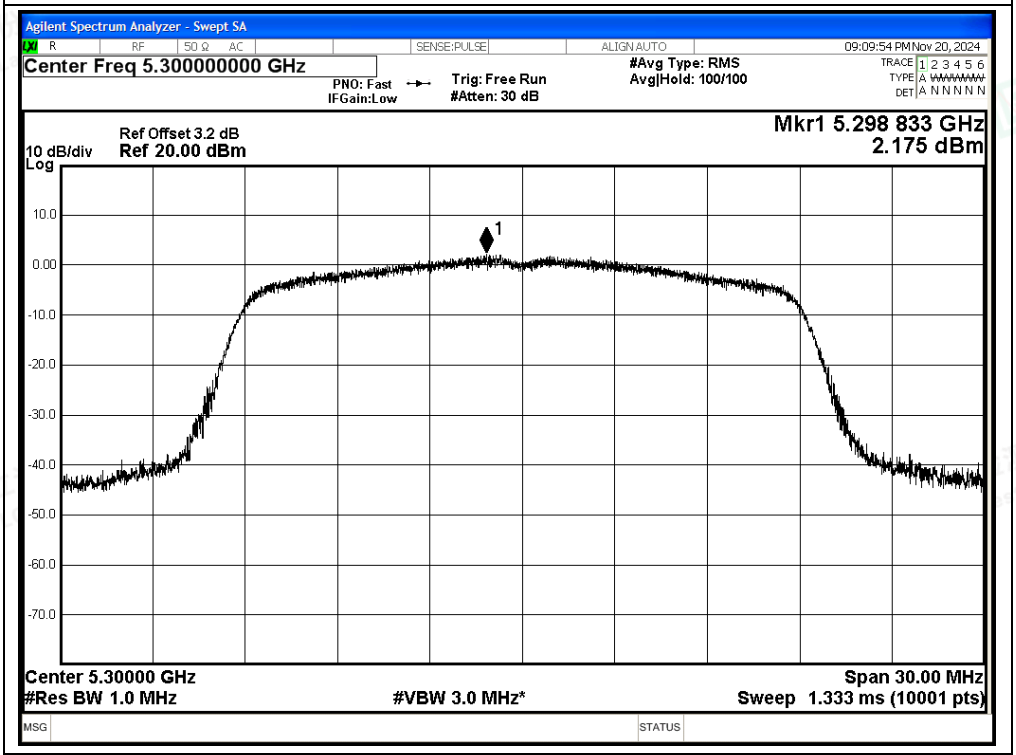

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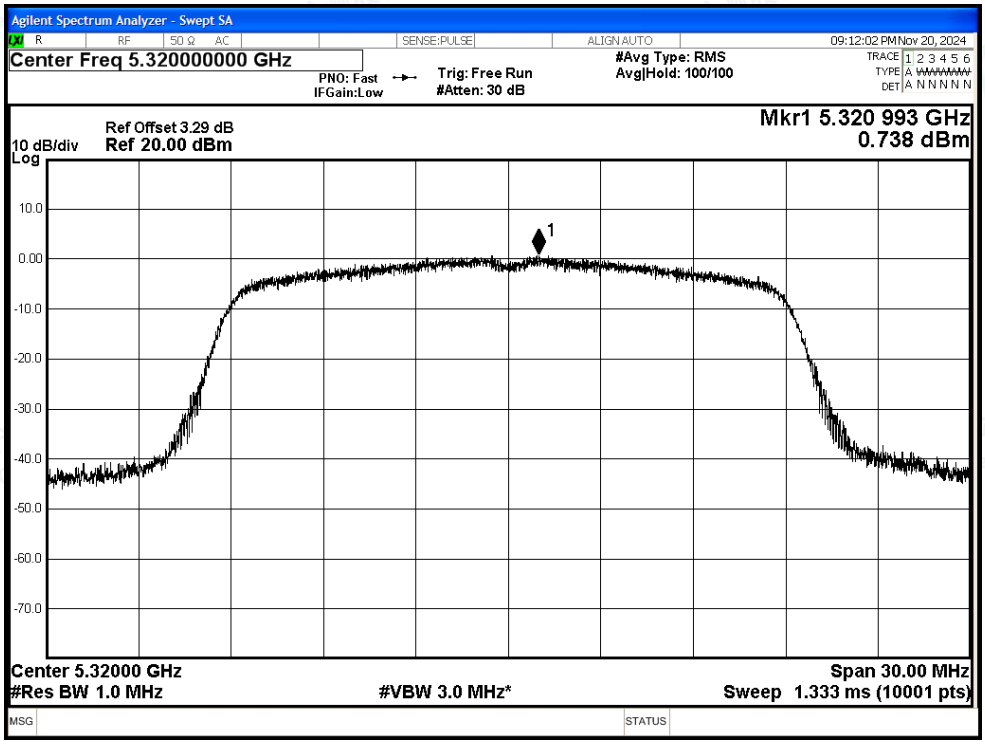

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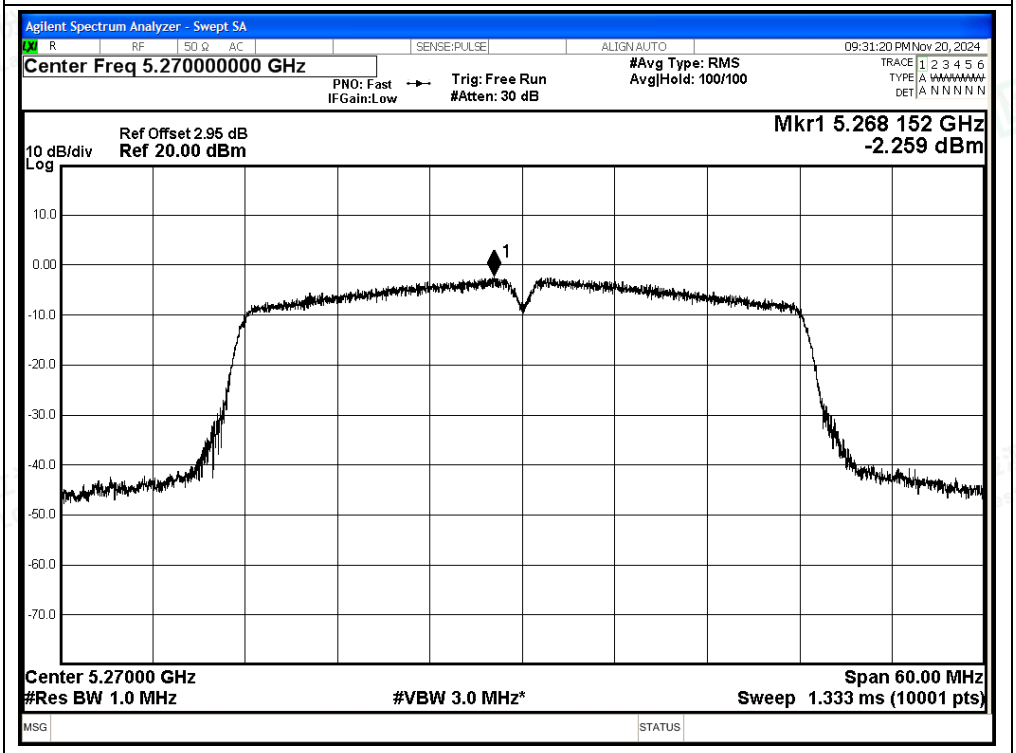
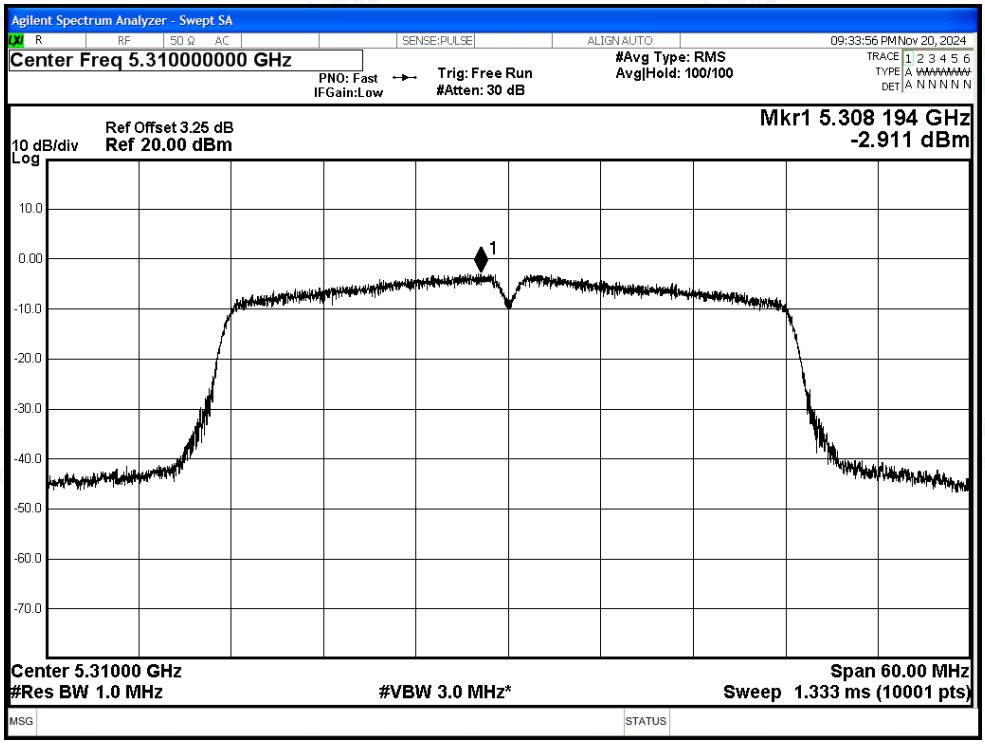


PSD NVNT ac40 5310MHz Ant7



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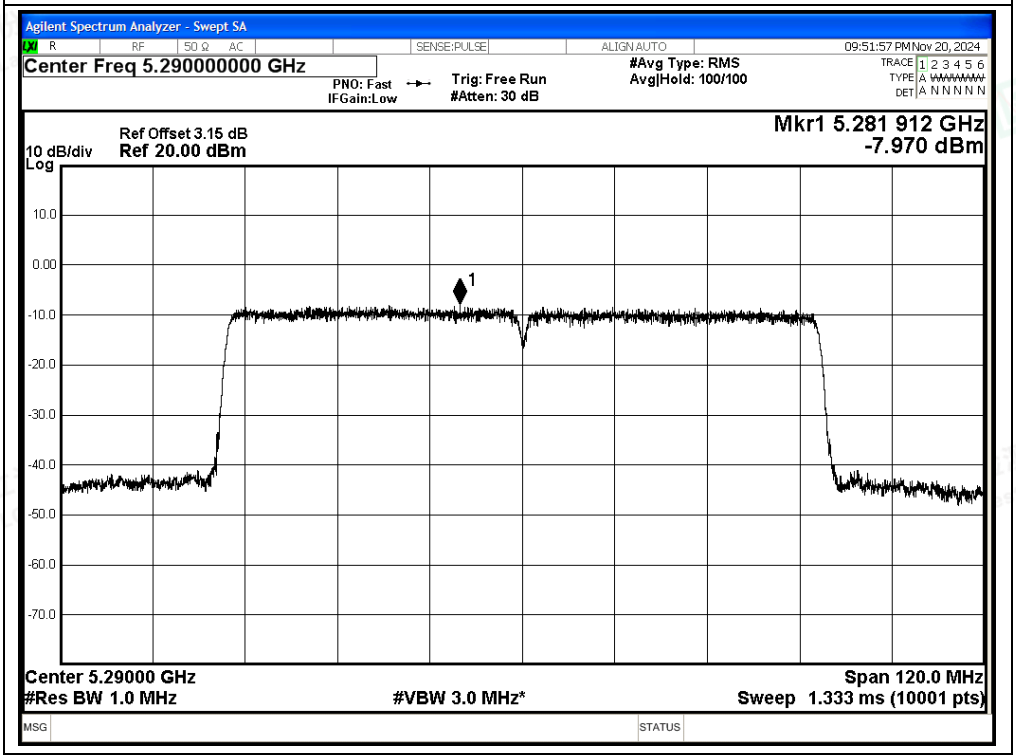
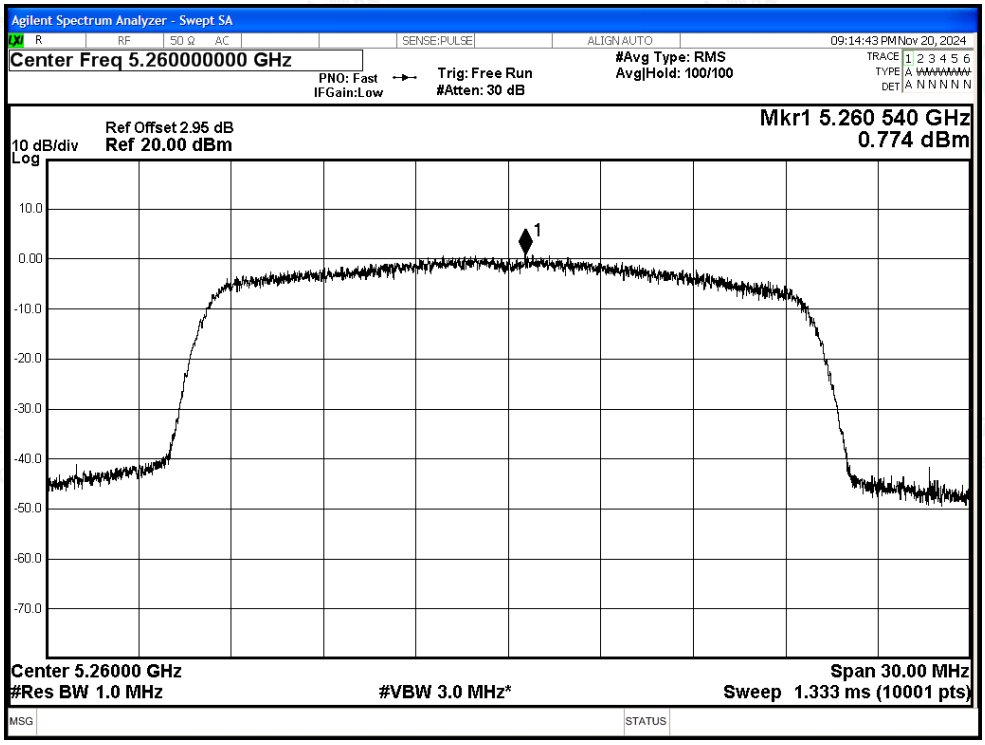
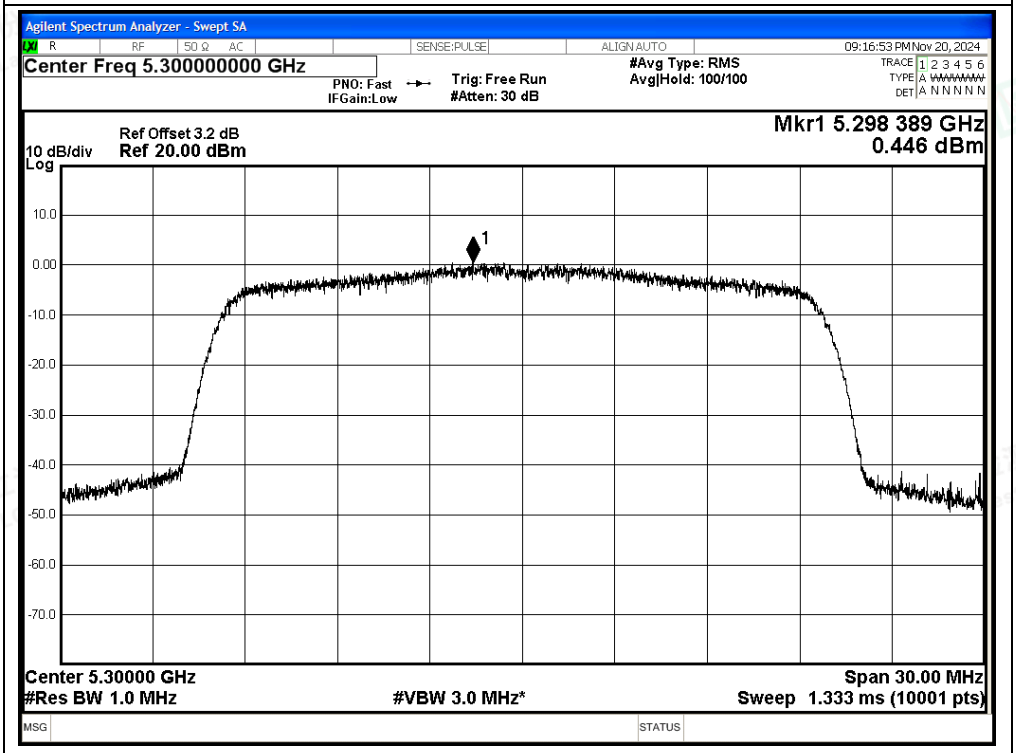


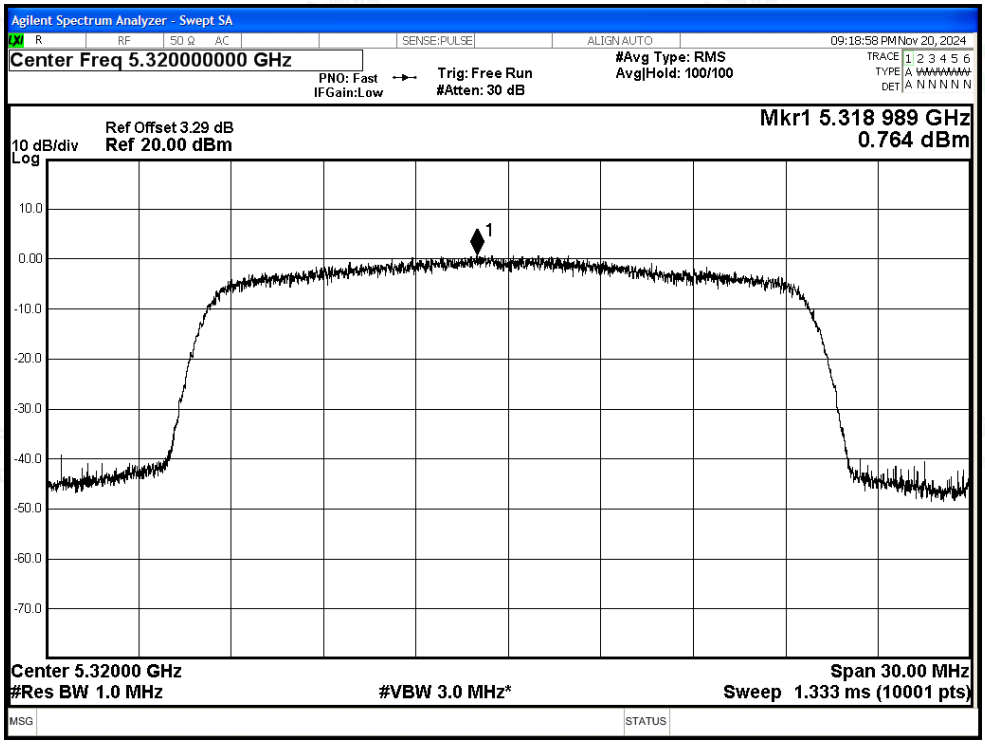
PSD NVNT ax20 5260MHz Ant7



PSD NVNT ax20 5300MHz Ant7



PSD NVNT ax20 5320MHz Ant7



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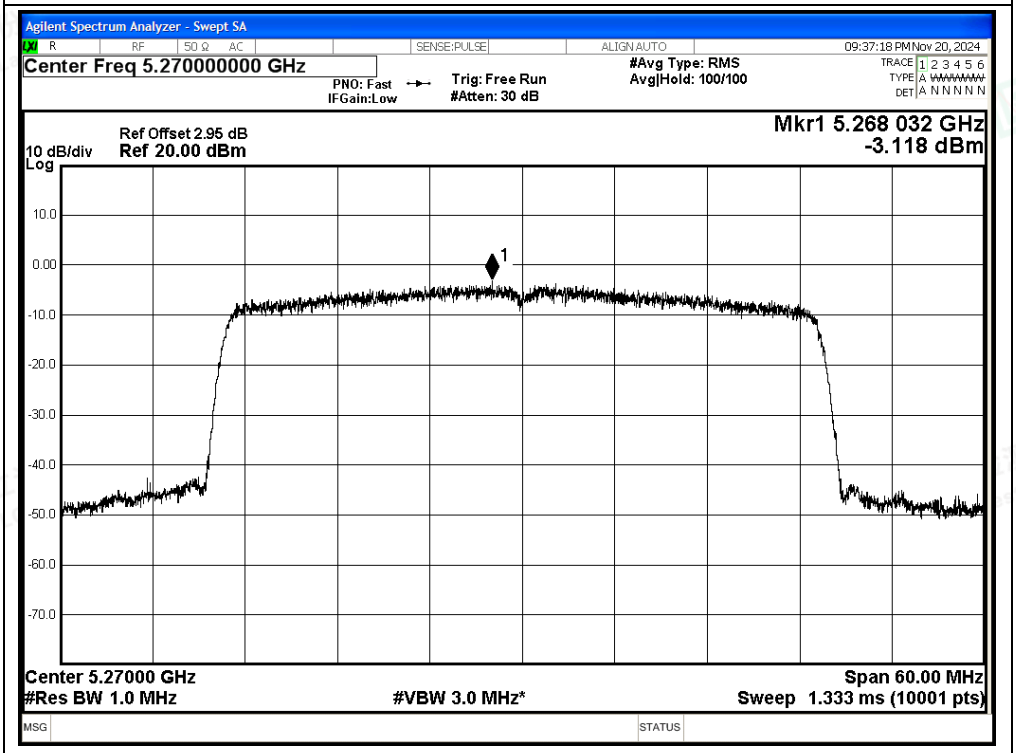
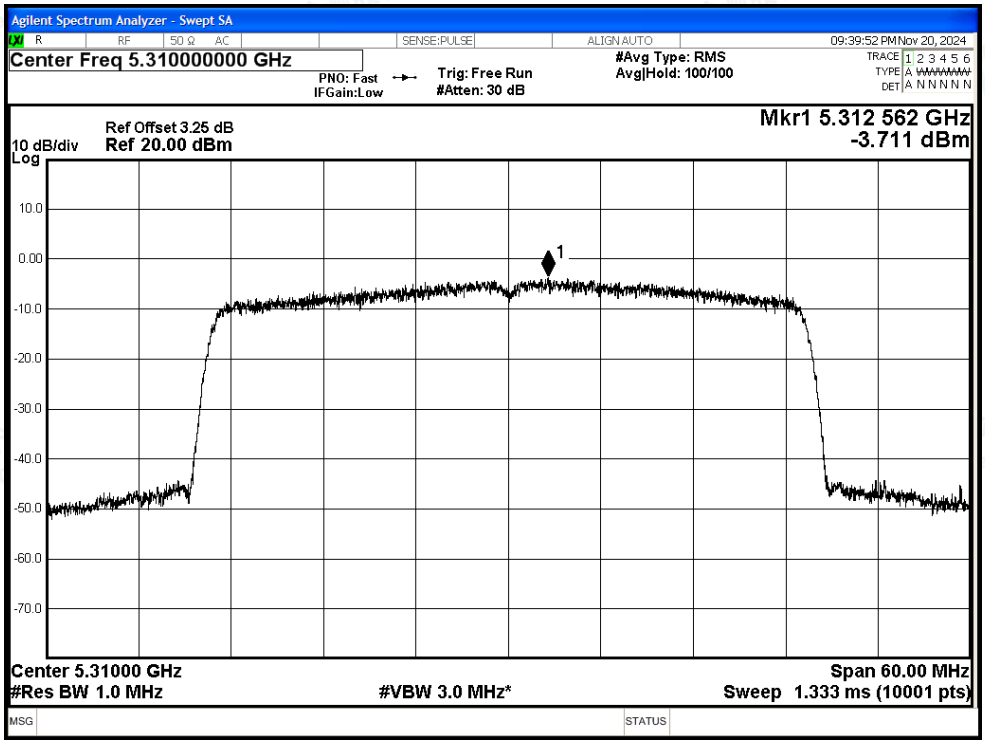
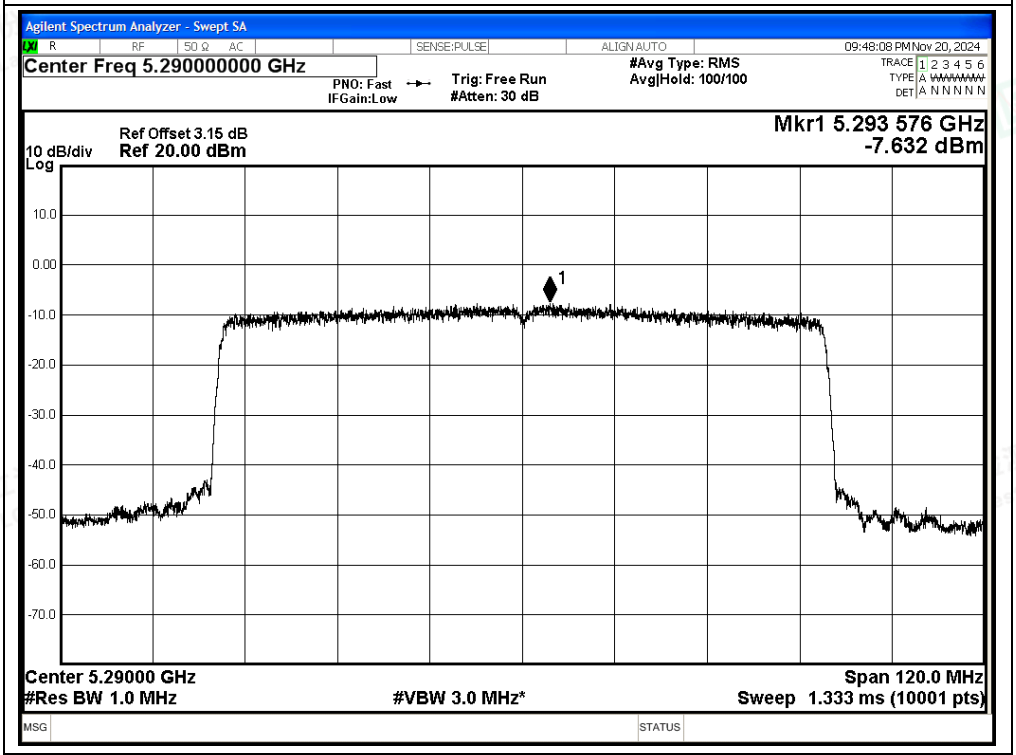


PSD NVNT ax40 5310MHz Ant7



PSD NVNT ax80 5290MHz Ant7



E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant6	4500	-51.74	2	-	45.49	Peak	68.2	Pass
NVNT	a	5260	Ant6	4500	-59.53	2	2.31	40.01	Average	54	Pass
NVNT	a	5260	Ant6	5106.06	-46.25	2	-	50.98	Peak	68.2	Pass
NVNT	a	5260	Ant6	5143.5	-56.61	2	2.31	42.93	Average	54	Pass
NVNT	a	5260	Ant6	5150	-48.79	2	-	48.44	Peak	68.2	Pass
NVNT	a	5260	Ant6	5150	-57.66	2	2.31	41.88	Average	54	Pass
NVNT	a	5320	Ant6	5350	-48.67	2	-	48.56	Peak	68.2	Pass
NVNT	a	5320	Ant6	5350	-57.14	2	2.32	42.41	Average	54	Pass
NVNT	a	5320	Ant6	5416.6	-46.87	2	-	50.36	Peak	68.2	Pass
NVNT	a	5320	Ant6	5373.8	-56.46	2	2.32	43.09	Average	54	Pass
NVNT	a	5320	Ant6	5460	-50.21	2	-	47.02	Peak	68.2	Pass
NVNT	a	5320	Ant6	5460	-57.41	2	2.32	42.14	Average	54	Pass
NVNT	n20	5260	Ant6	4500	-51.64	2	-	45.59	Peak	68.2	Pass
NVNT	n20	5260	Ant6	4500	-59.27	2	2.52	40.48	Average	54	Pass
NVNT	n20	5260	Ant6	5063.94	-46.42	2	-	50.81	Peak	68.2	Pass
NVNT	n20	5260	Ant6	5119.32	-56.69	2	2.52	43.06	Average	54	Pass
NVNT	n20	5260	Ant6	5150	-48.38	2	-	48.85	Peak	68.2	Pass
NVNT	n20	5260	Ant6	5150	-57.59	2	2.52	42.16	Average	54	Pass
NVNT	n20	5320	Ant6	5350	-46.64	2	-	50.59	Peak	68.2	Pass
NVNT	n20	5320	Ant6	5350	-57.26	2	2.45	42.42	Average	54	Pass
NVNT	n20	5320	Ant6	5360.4	-56.73	2	2.45	42.95	Average	54	Pass
NVNT	n20	5320	Ant6	5460	-50.23	2	-	47	Peak	68.2	Pass
NVNT	n20	5320	Ant6	5460	-57.92	2	2.45	41.76	Average	54	Pass
NVNT	n40	5270	Ant6	4500	-51.85	2	-	45.38	Peak	68.2	Pass
NVNT	n40	5270	Ant6	4500	-59.38	2	4.49	42.34	Average	54	Pass
NVNT	n40	5270	Ant6	4784.31	-46.74	2	-	50.49	Peak	68.2	Pass
NVNT	n40	5270	Ant6	5127.75	-56.86	2	4.49	44.86	Average	54	Pass
NVNT	n40	5270	Ant6	5150	-49	2	-	48.23	Peak	68.2	Pass
NVNT	n40	5270	Ant6	5150	-57.37	2	4.49	44.35	Average	54	Pass
NVNT	n40	5310	Ant6	5350	-48.89	2	-	48.34	Peak	68.2	Pass
NVNT	n40	5310	Ant6	5350	-57.37	2	2.58	42.44	Average	54	Pass
NVNT	n40	5310	Ant6	5410.8	-45.84	2	-	51.39	Peak	68.2	Pass
NVNT	n40	5310	Ant6	5379.2	-56.4	2	2.58	43.41	Average	54	Pass
NVNT	n40	5310	Ant6	5460	-50.6	2	-	46.63	Peak	68.2	Pass
NVNT	n40	5310	Ant6	5460	-57.99	2	2.58	41.82	Average	54	Pass
NVNT	ac20	5260	Ant6	4500	-49.41	2	-	47.82	Peak	68.2	Pass
NVNT	ac20	5260	Ant6	4500	-59.07	2	2.43	40.59	Average	54	Pass

NVNT	ac20	5260	Ant6	5109.18	-46.21	2	-	51.02	Peak	68.2	Pass
NVNT	ac20	5260	Ant6	5148.18	-56.71	2	2.43	42.95	Average	54	Pass
NVNT	ac20	5260	Ant6	5150	-49.95	2	-	47.28	Peak	68.2	Pass
NVNT	ac20	5260	Ant6	5150	-57.52	2	2.43	42.14	Average	54	Pass
NVNT	ac20	5320	Ant6	5350	-49.57	2	-	47.66	Peak	68.2	Pass
NVNT	ac20	5320	Ant6	5350	-57.43	2	2.43	42.23	Average	54	Pass
NVNT	ac20	5320	Ant6	5417.6	-45.72	2	-	51.51	Peak	68.2	Pass
NVNT	ac20	5320	Ant6	5350.6	-56.4	2	2.43	43.26	Average	54	Pass
NVNT	ac20	5320	Ant6	5460	-50.46	2	-	46.77	Peak	68.2	Pass
NVNT	ac20	5320	Ant6	5460	-57.93	2	2.43	41.73	Average	54	Pass
NVNT	ac40	5270	Ant6	4500	-51.43	2	-	45.8	Peak	68.2	Pass
NVNT	ac40	5270	Ant6	4500	-59.08	2	2.54	40.69	Average	54	Pass
NVNT	ac40	5270	Ant6	4574.52	-46.17	2	-	51.06	Peak	68.2	Pass
NVNT	ac40	5270	Ant6	5138.28	-56.82	2	2.54	42.95	Average	54	Pass
NVNT	ac40	5270	Ant6	5150	-49.57	2	-	47.66	Peak	68.2	Pass
NVNT	ac40	5270	Ant6	5150	-57.62	2	2.54	42.15	Average	54	Pass
NVNT	ac40	5310	Ant6	5350	-48.71	2	-	48.52	Peak	68.2	Pass
NVNT	ac40	5310	Ant6	5350	-57.55	2	2.56	42.24	Average	54	Pass
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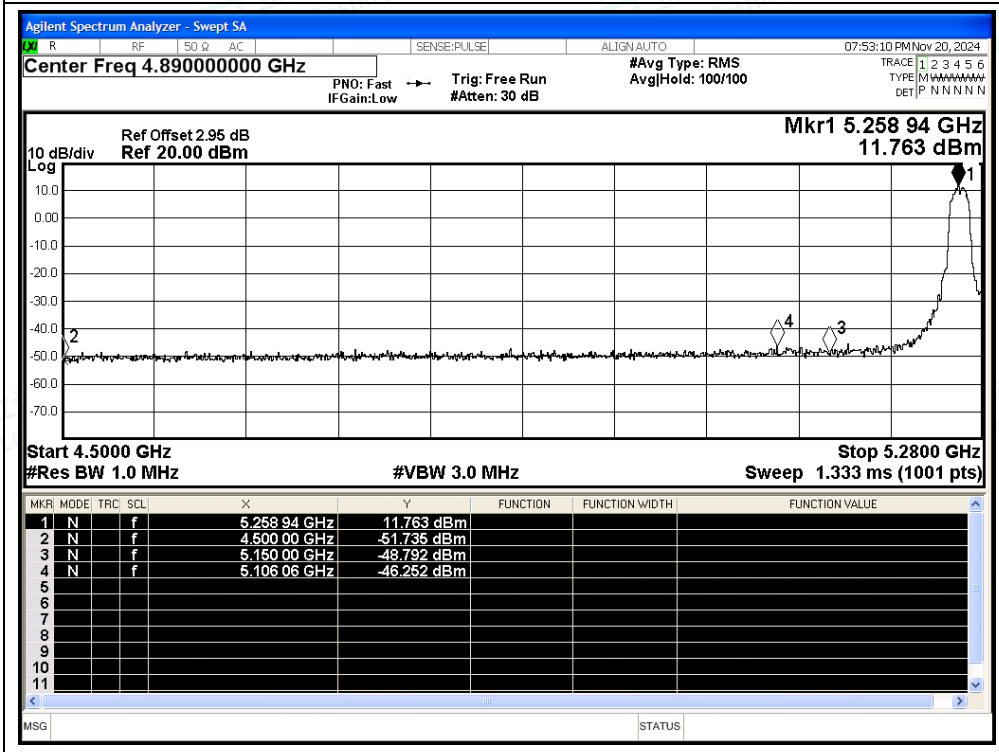
NVNT	ac40	5310	Ant6	5377	-56.62	2	2.56	43.17	Average	54	Pass
NVNT	ac40	5310	Ant6	5460	-50.1	2	-	47.13	Peak	68.2	Pass
NVNT	ac40	5310	Ant6	5460	-58.05	2	2.56	41.74	Average	54	Pass
NVNT	ac80	5290	Ant6	4500	-50.99	2	-	46.24	Peak	68.2	Pass
NVNT	ac80	5290	Ant6	4500	-58.8	2	2.87	41.3	Average	54	Pass
NVNT	ac80	5290	Ant6	5143.8	-44.65	2	-	52.58	Peak	68.2	Pass
NVNT	ac80	5290	Ant6	5149.02	-55.16	2	2.87	44.94	Average	54	Pass
NVNT	ac80	5290	Ant6	5150	-46.96	2	-	50.27	Peak	68.2	Pass
NVNT	ac80	5290	Ant6	5150	-55.95	2	2.87	44.15	Average	54	Pass
NVNT	ac80	5290	Ant6	5350	-48.28	2	-	48.95	Peak	68.2	Pass
NVNT	ac80	5290	Ant6	5350	-56.98	2	2.87	43.12	Average	54	Pass
NVNT	ac80	5290	Ant6	5360.75	-46.75	2	-	50.48	Peak	68.2	Pass
NVNT	ac80	5290	Ant6	5350.25	-56.81	2	2.87	43.29	Average	54	Pass
NVNT	ac80	5290	Ant6	5460	-50	2	-	47.23	Peak	68.2	Pass
NVNT	ac80	5290	Ant6	5460	-57.83	2	2.87	42.27	Average	54	Pass
NVNT	ax20	5260	Ant6	4500	-51.51	2	-	45.72	Peak	68.2	Pass
NVNT	ax20	5260	Ant6	4500	-58.86	2	2.91	41.28	Average	54	Pass
NVNT	ax20	5260	Ant6	5142.72	-46.33	2	-	50.9	Peak	68.2	Pass
NVNT	ax20	5260	Ant6	5066.28	-56.55	2	2.91	43.59	Average	54	Pass
NVNT	ax20	5260	Ant6	5150	-48.65	2	-	48.58	Peak	68.2	Pass
NVNT	ax20	5260	Ant6	5150	-57.54	2	2.91	42.6	Average	54	Pass
NVNT	ax20	5320	Ant6	5350	-48.84	2	-	48.39	Peak	68.2	Pass
NVNT	ax20	5320	Ant6	5350	-57.07	2	2.89	43.05	Average	54	Pass

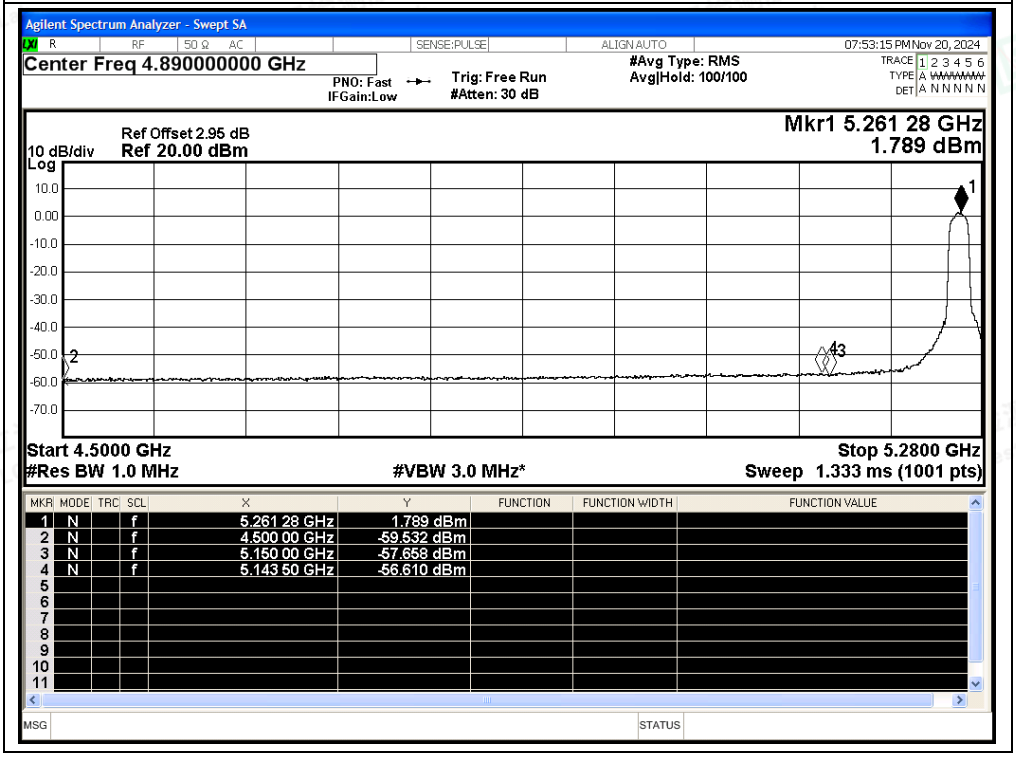
NVNT	ax20	5320	Ant6	5363.6	-46.96	2	-	50.27	Peak	68.2	Pass
NVNT	ax20	5320	Ant6	5362	-56.7	2	2.89	43.42	Average	54	Pass
NVNT	ax20	5320	Ant6	5460	-49.41	2	-	47.82	Peak	68.2	Pass
NVNT	ax20	5320	Ant6	5460	-57.86	2	2.89	42.26	Average	54	Pass
NVNT	ax40	5270	Ant6	4500	-50.98	2	-	46.25	Peak	68.2	Pass
NVNT	ax40	5270	Ant6	4500	-59.29	2	3	40.94	Average	54	Pass
NVNT	ax40	5270	Ant6	5118.84	-46.13	2	-	51.1	Peak	68.2	Pass
NVNT	ax40	5270	Ant6	5032.98	-56.7	2	3	43.53	Average	54	Pass
NVNT	ax40	5270	Ant6	5150	-48.29	2	-	48.94	Peak	68.2	Pass
NVNT	ax40	5270	Ant6	5150	-57.44	2	3	42.79	Average	54	Pass
NVNT	ax40	5310	Ant6	5350	-48.53	2	-	48.7	Peak	68.2	Pass
NVNT	ax40	5310	Ant6	5350	-58.04	2	3.02	42.21	Average	54	Pass
NVNT	ax40	5310	Ant6	5437.6	-46.11	2	-	51.12	Peak	68.2	Pass
NVNT	ax40	5310	Ant6	5385.4	-56.85	2	3.02	43.4	Average	54	Pass
NVNT	ax40	5310	Ant6	5460	-50.83	2	-	46.4	Peak	68.2	Pass
NVNT	ax40	5310	Ant6	5460	-57.61	2	3.02	42.64	Average	54	Pass
NVNT	ax80	5290	Ant6	5350	-48.87	2	-	48.36	Peak	68.2	Pass
NVNT	ax80	5290	Ant6	5350	-57.17	2	3.28	43.34	Average	54	Pass
NVNT	ax80	5290	Ant6	5351.25	-46.09	2	-	51.14	Peak	68.2	Pass
NVNT	ax80	5290	Ant6	5355.5	-56.93	2	3.28	43.58	Average	54	Pass
NVNT	ax80	5290	Ant6	5460	-51.19	2	-	46.04	Peak	68.2	Pass
NVNT	ax80	5290	Ant6	5460	-57.89	2	3.28	42.62	Average	54	Pass
NVNT	ax80	5290	Ant6	4500	-51.15	2	-	46.08	Peak	68.2	Pass
NVNT	ax80	5290	Ant6	4500	-59.18	2	3.28	41.33	Average	54	Pass
NVNT	ax80	5290	Ant6	5133.36	-45.57	2	-	51.66	Peak	68.2	Pass
NVNT	ax80	5290	Ant6	5142.06	-55.59	2	3.28	44.92	Average	54	Pass
NVNT	ax80	5290	Ant6	5150	-47.92	2	-	49.31	Peak	68.2	Pass
NVNT	ax80	5290	Ant6	5150	-56.51	2	3.28	44	Average	54	Pass

Test Graphs

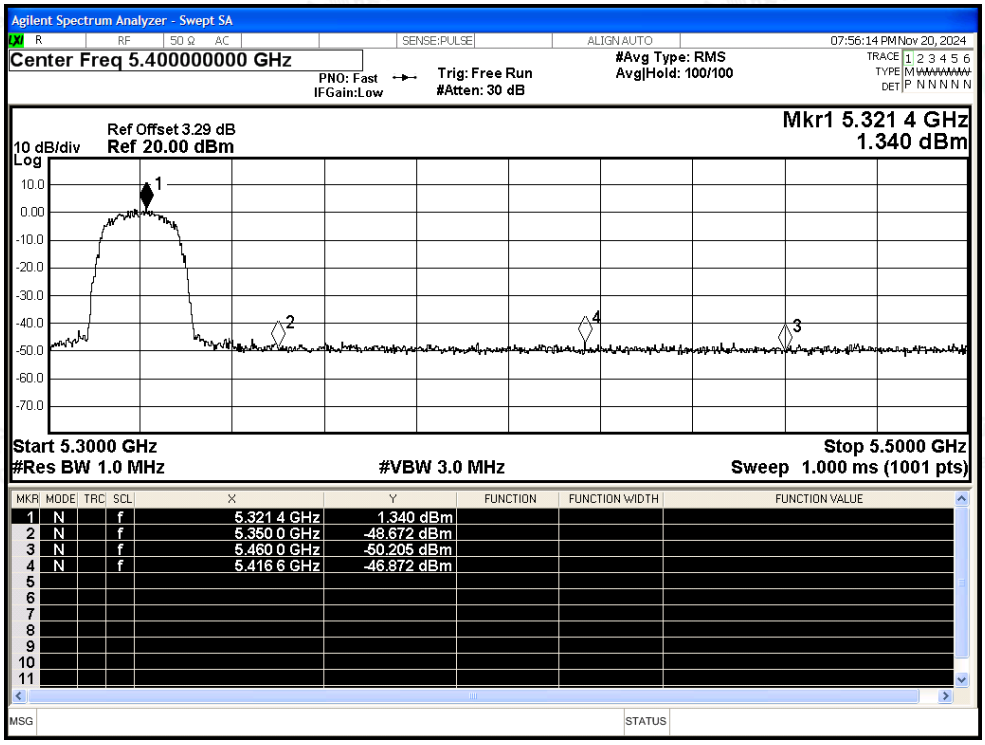
Restrict Band NVNT a 5260MHz Ant6 Peak



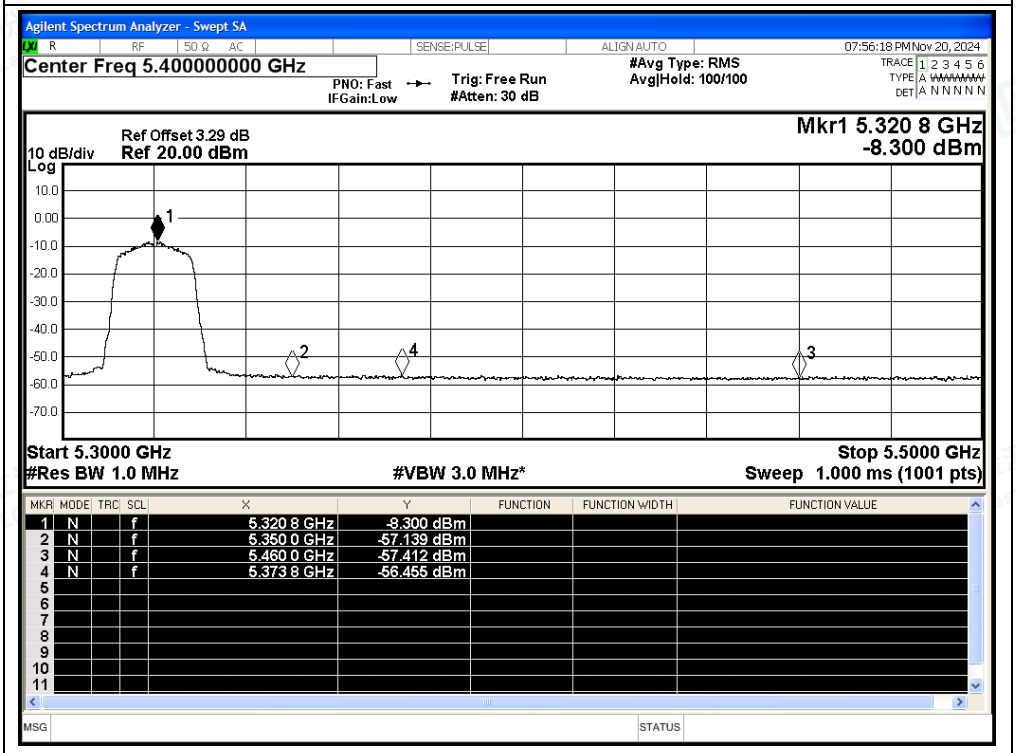
Restrict Band NVNT a 5260MHz Ant6 Average



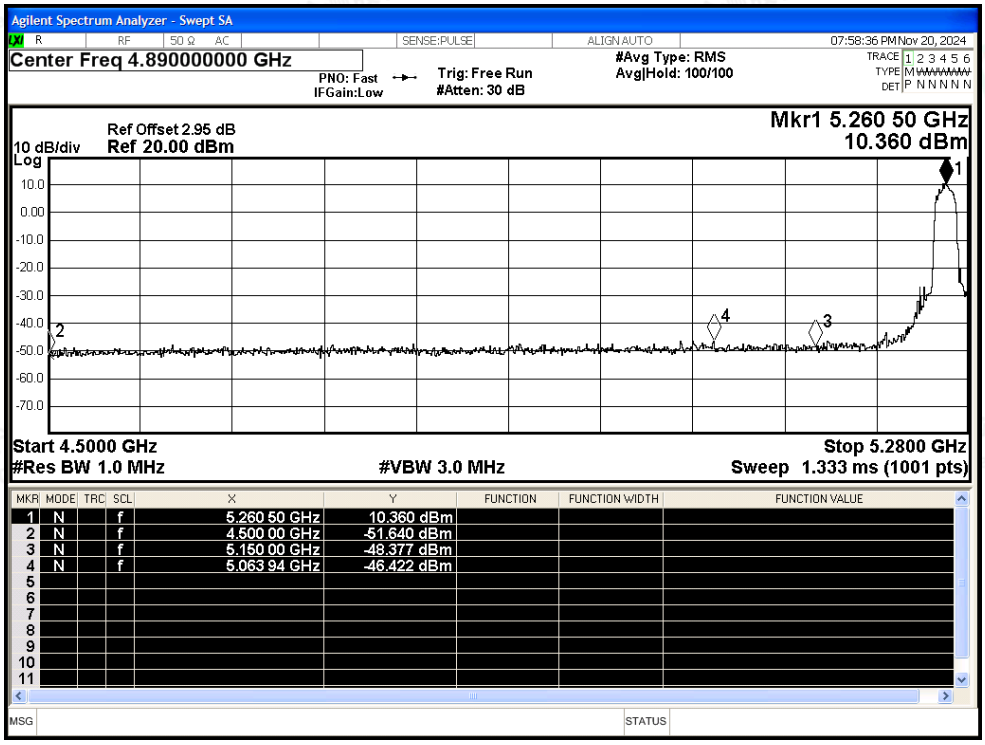
Restrict Band NVNT a 5320MHz Ant6 Peak



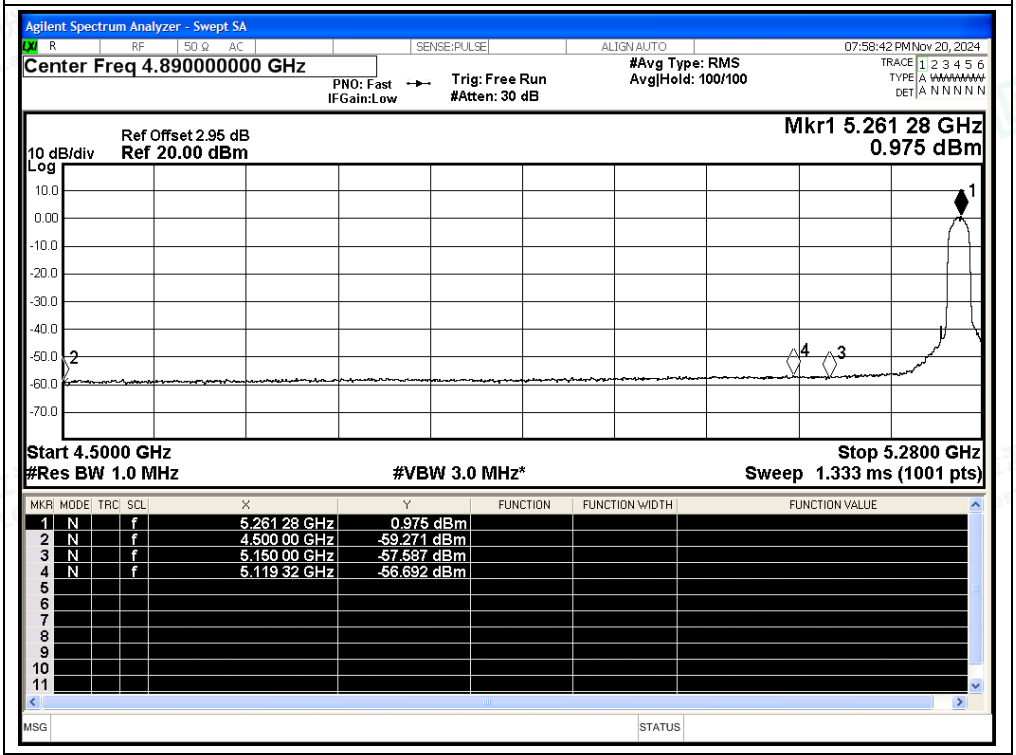
Restrict Band NVNT a 5320MHz Ant6 Average



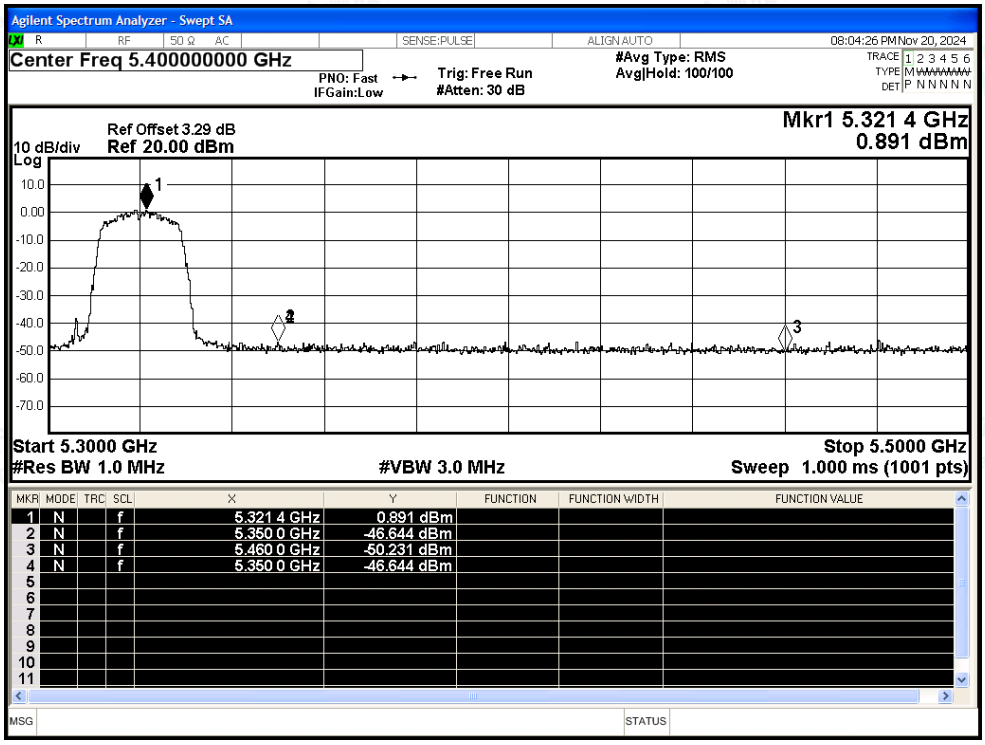
Restrict Band NVNT n20 5260MHz Ant6 Peak



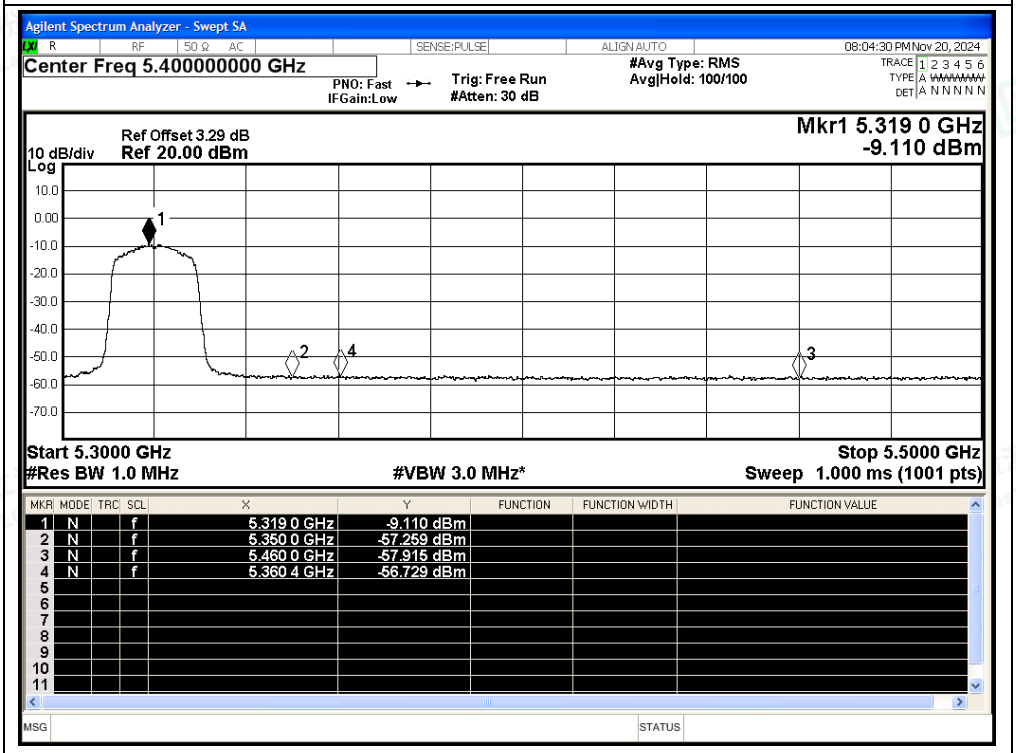
Restrict Band NVNT n20 5260MHz Ant6 Average



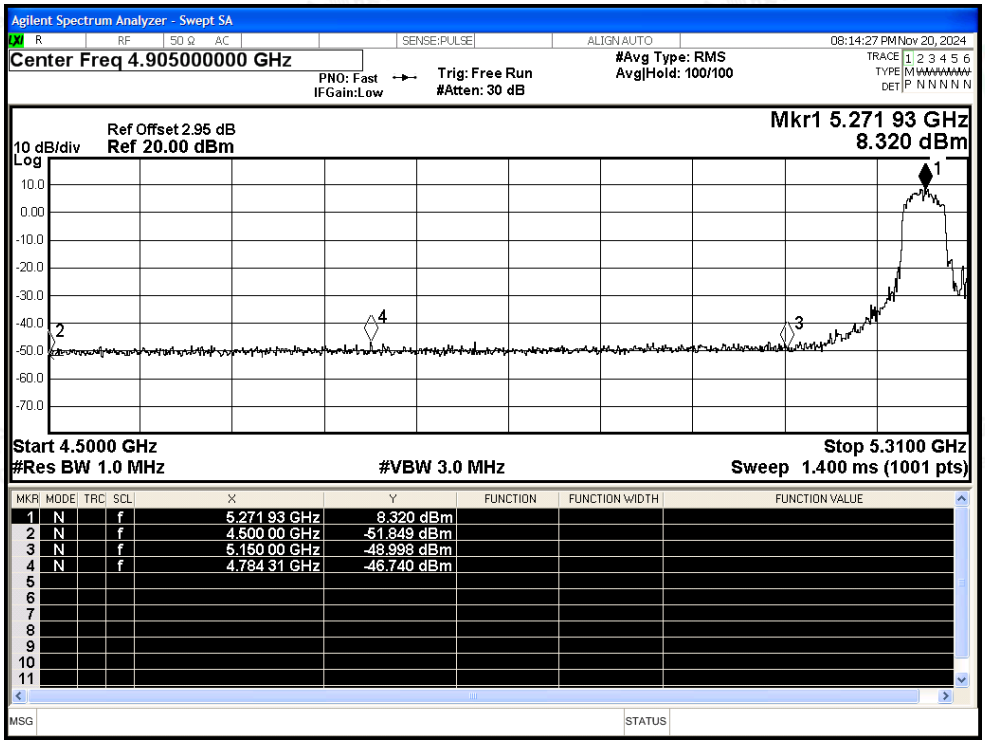
Restrict Band NVNT n20 5320MHz Ant6 Peak



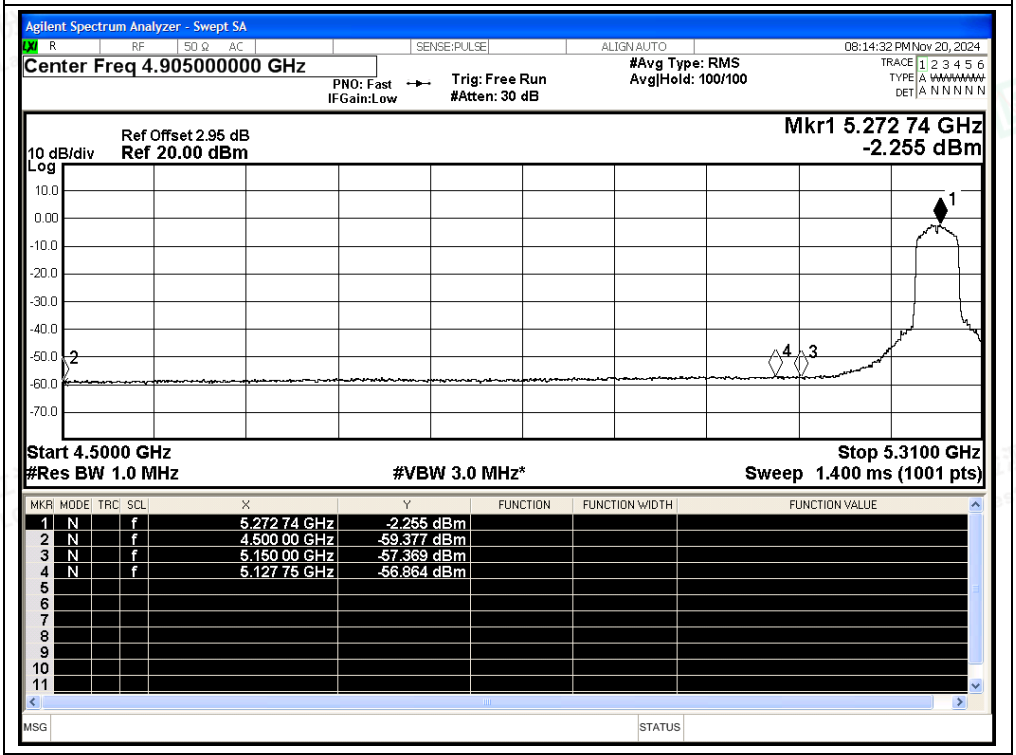
Restrict Band NVNT n20 5320MHz Ant6 Average



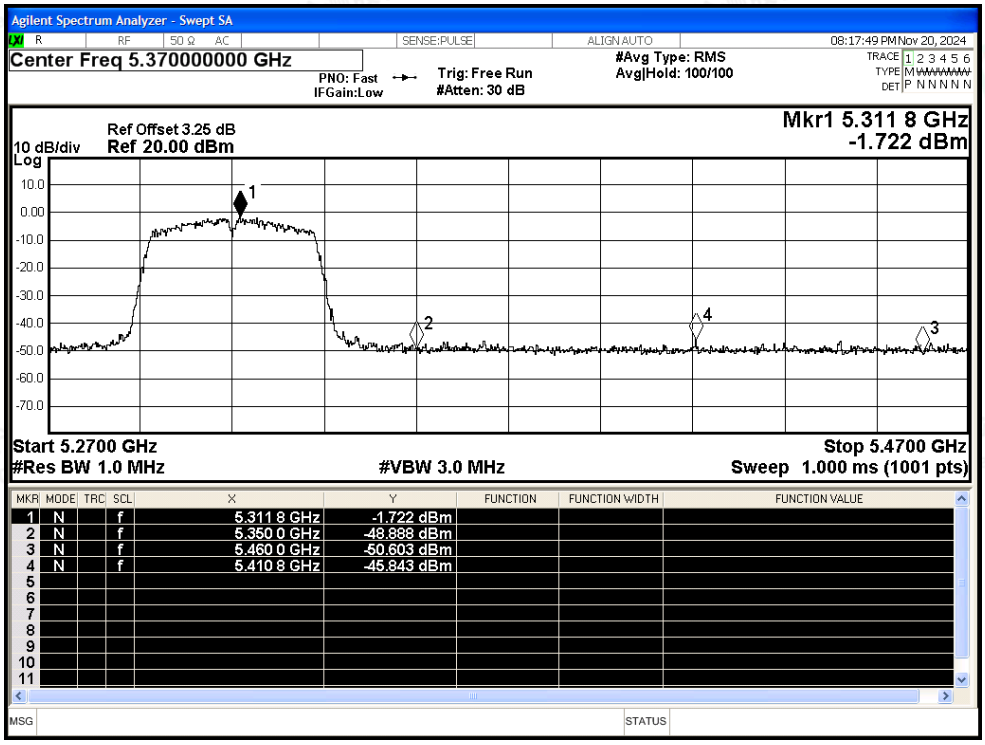
Restrict Band NVNT n40 5270MHz Ant6 Peak



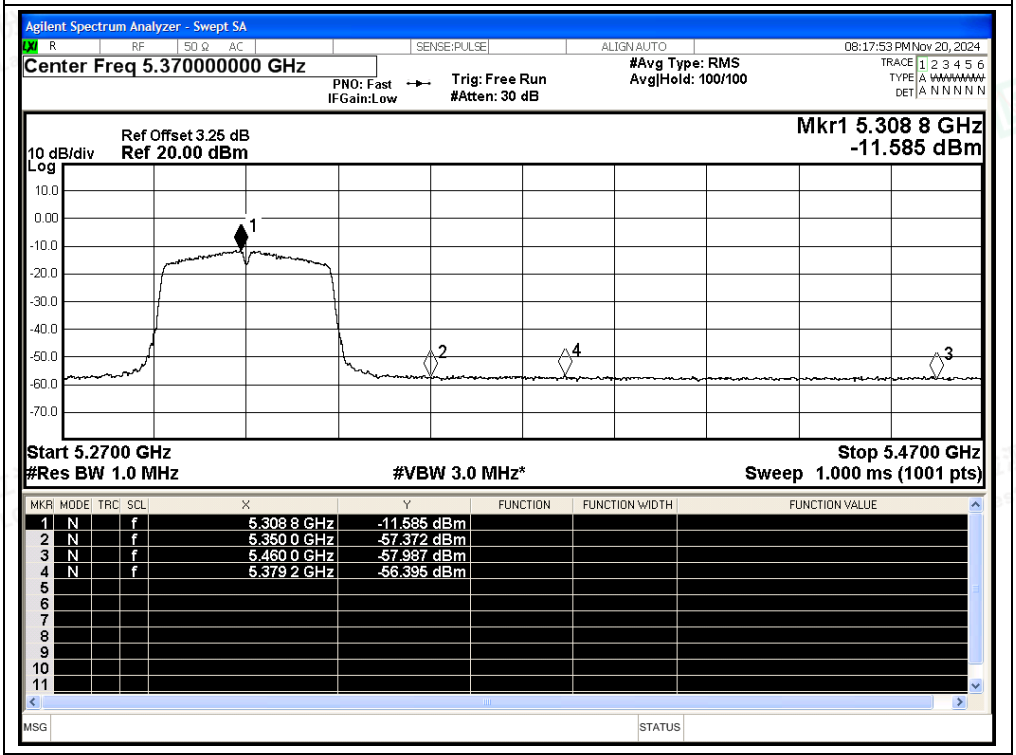
Restrict Band NVNT n40 5270MHz Ant6 Average



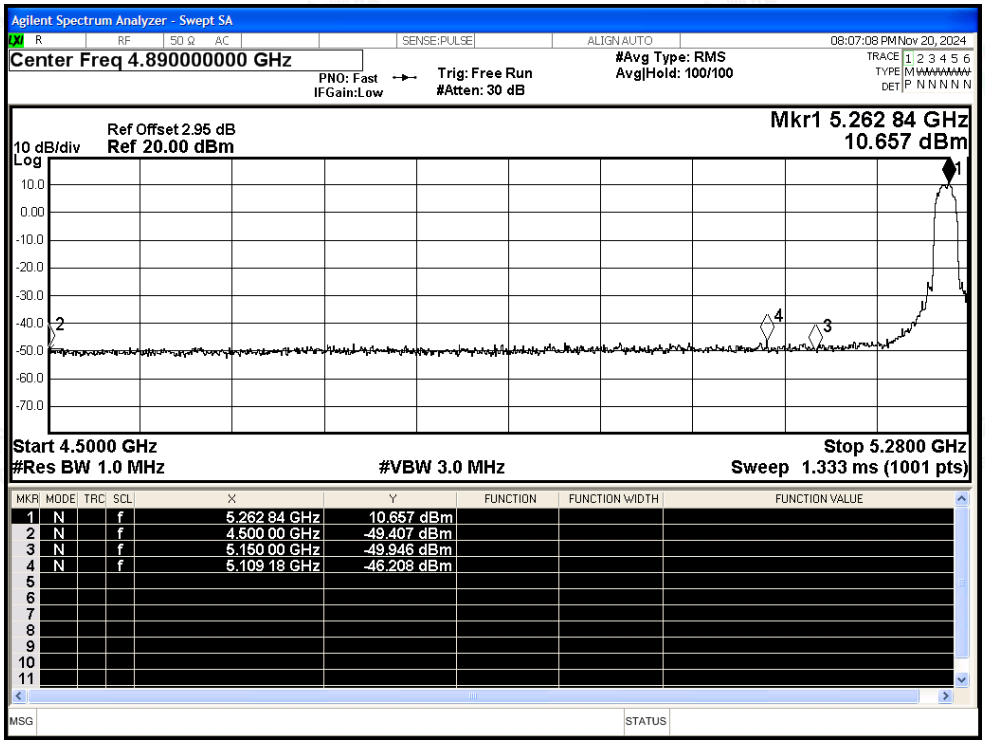
Restrict Band NVNT n40 5310MHz Ant6 Peak



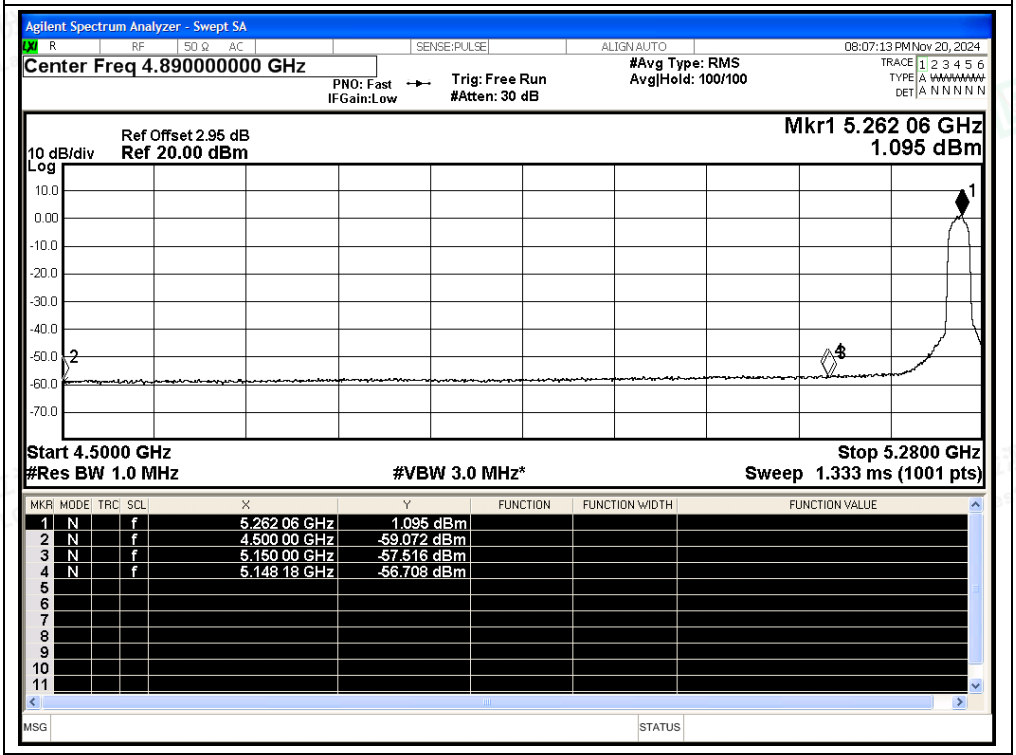
Restrict Band NVNT n40 5310MHz Ant6 Average



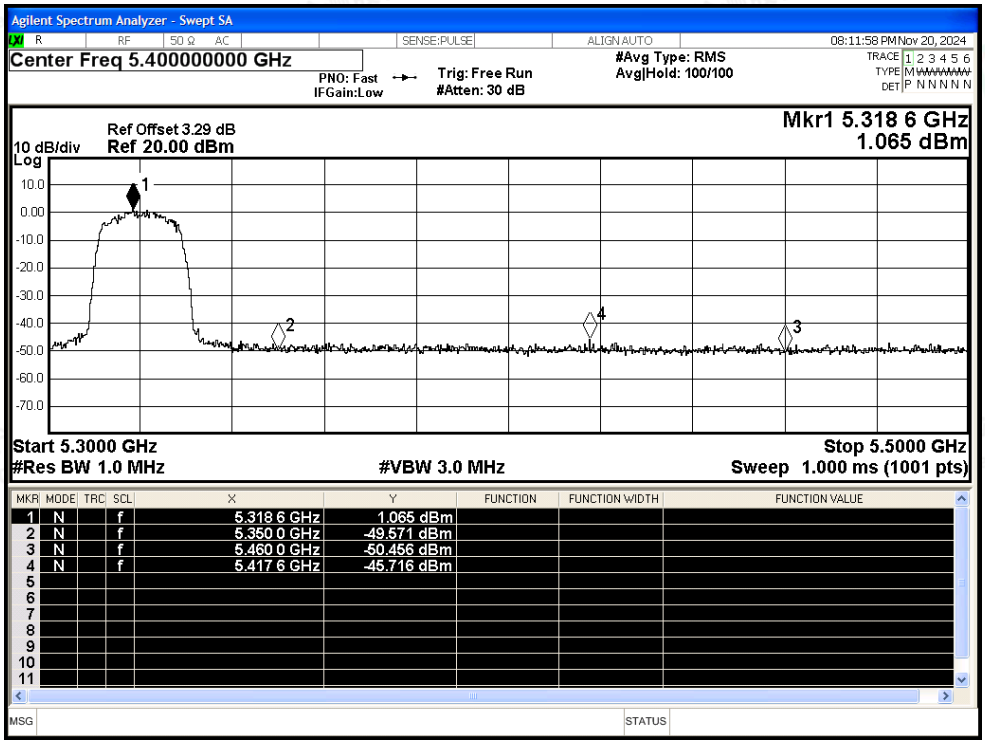
Restrict Band NVNT ac20 5260MHz Ant6 Peak



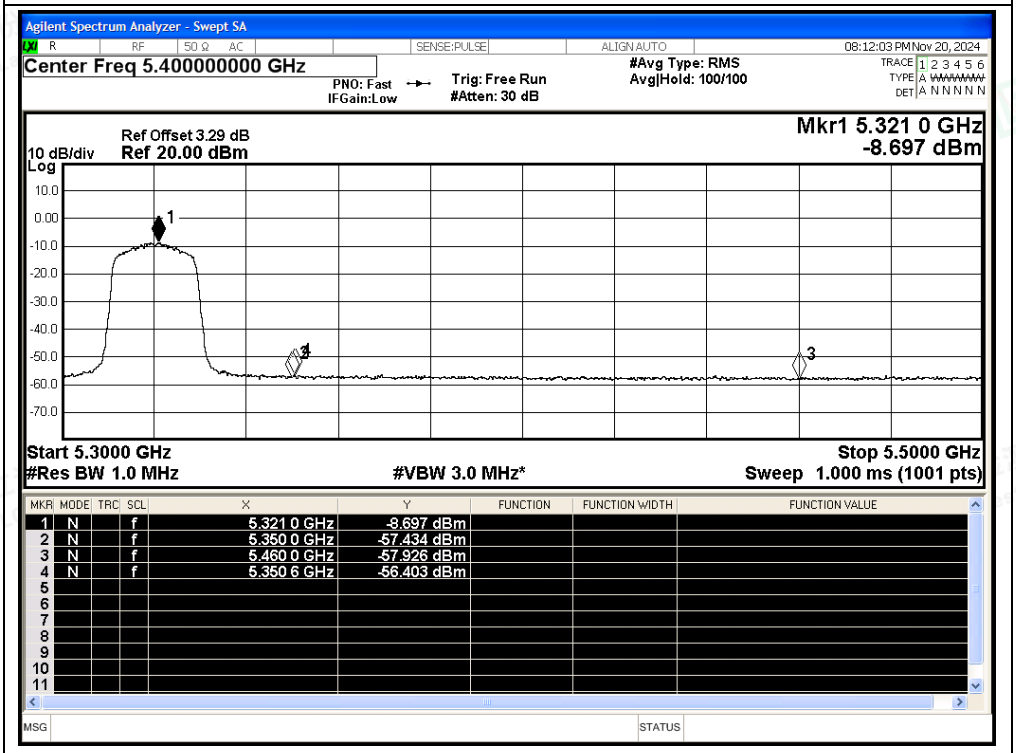
Restrict Band NVNT ac20 5260MHz Ant6 Average



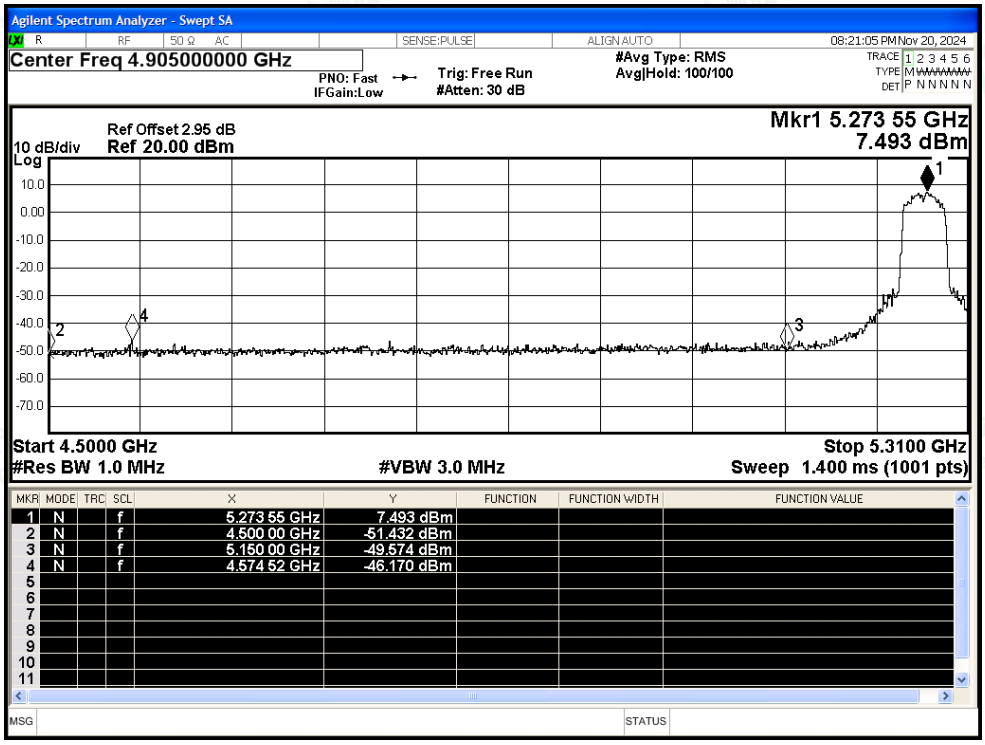
Restrict Band NVNT ac20 5320MHz Ant6 Peak



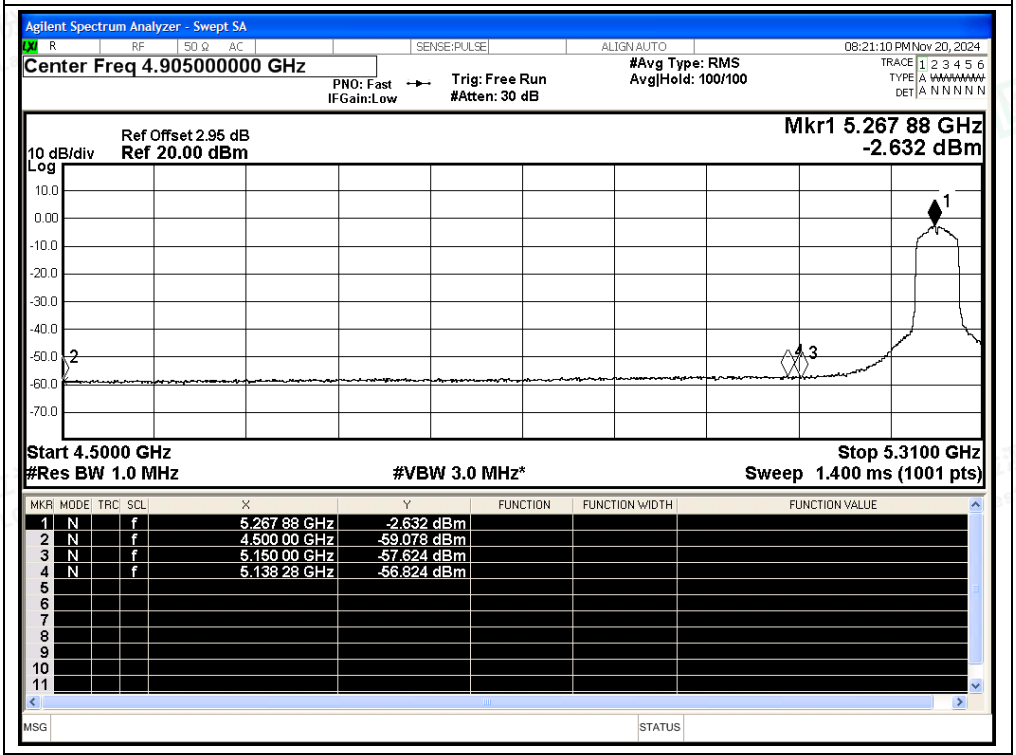
Restrict Band NVNT ac20 5320MHz Ant6 Average



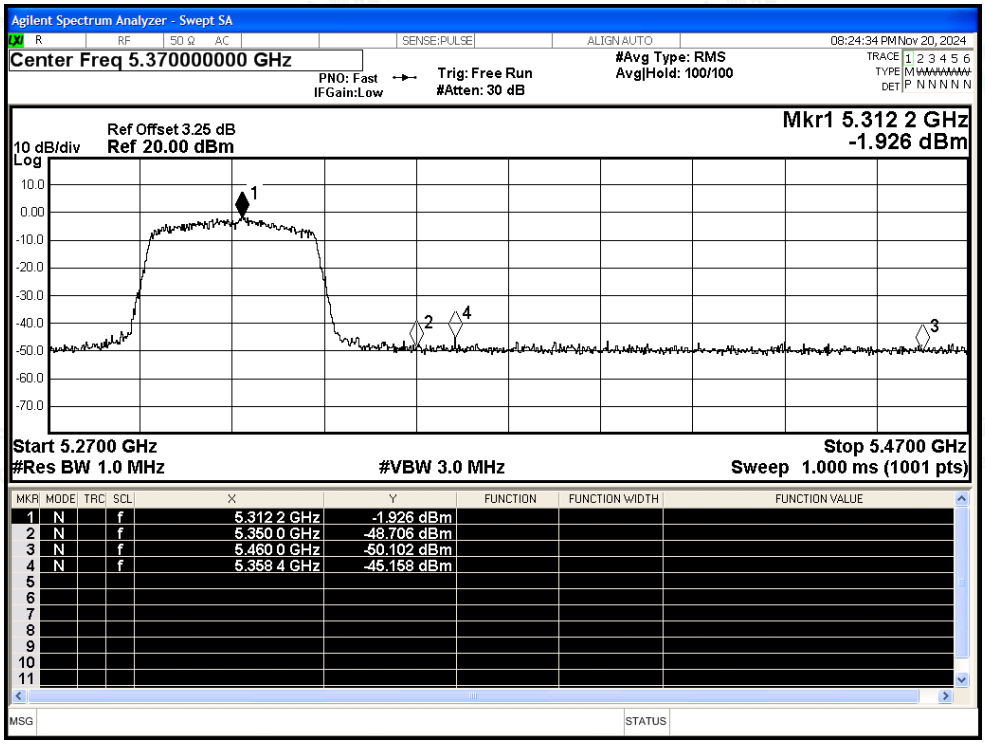
Restrict Band NVNT ac40 5270MHz Ant6 Peak



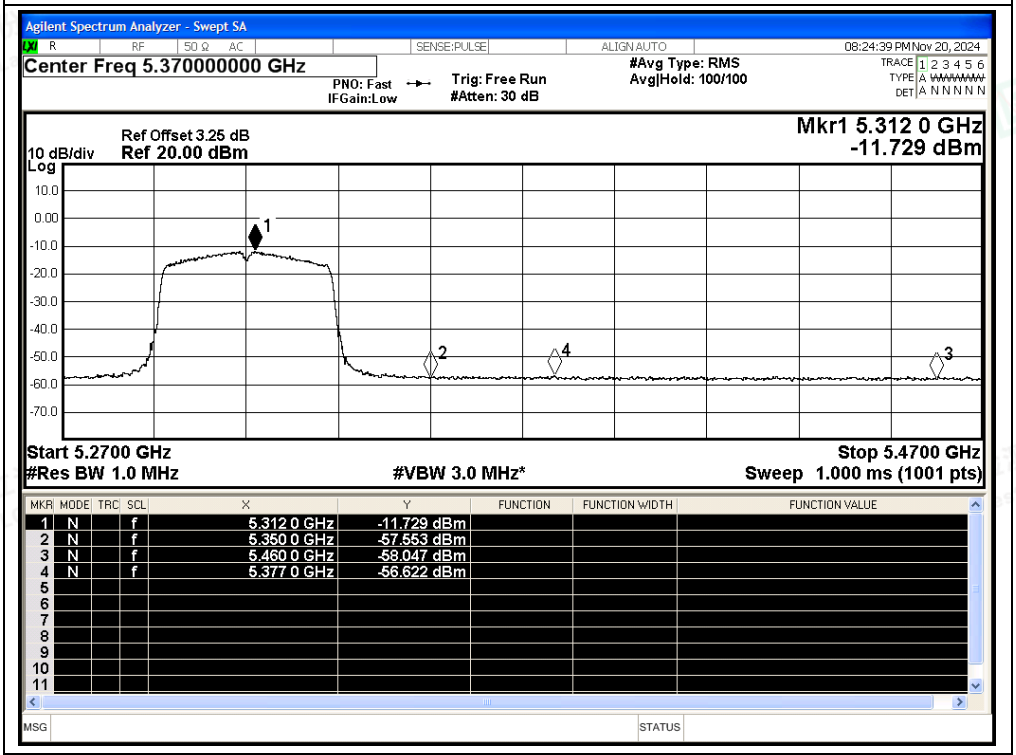
Restrict Band NVNT ac40 5270MHz Ant6 Average



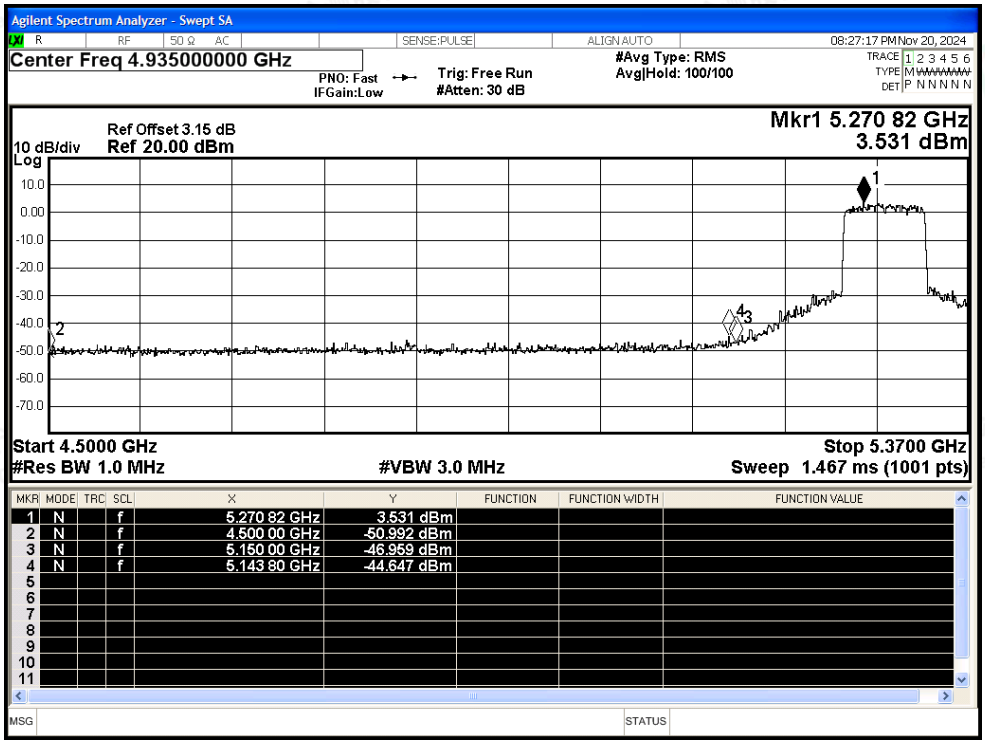
Restrict Band NVNT ac40 5310MHz Ant6 Peak



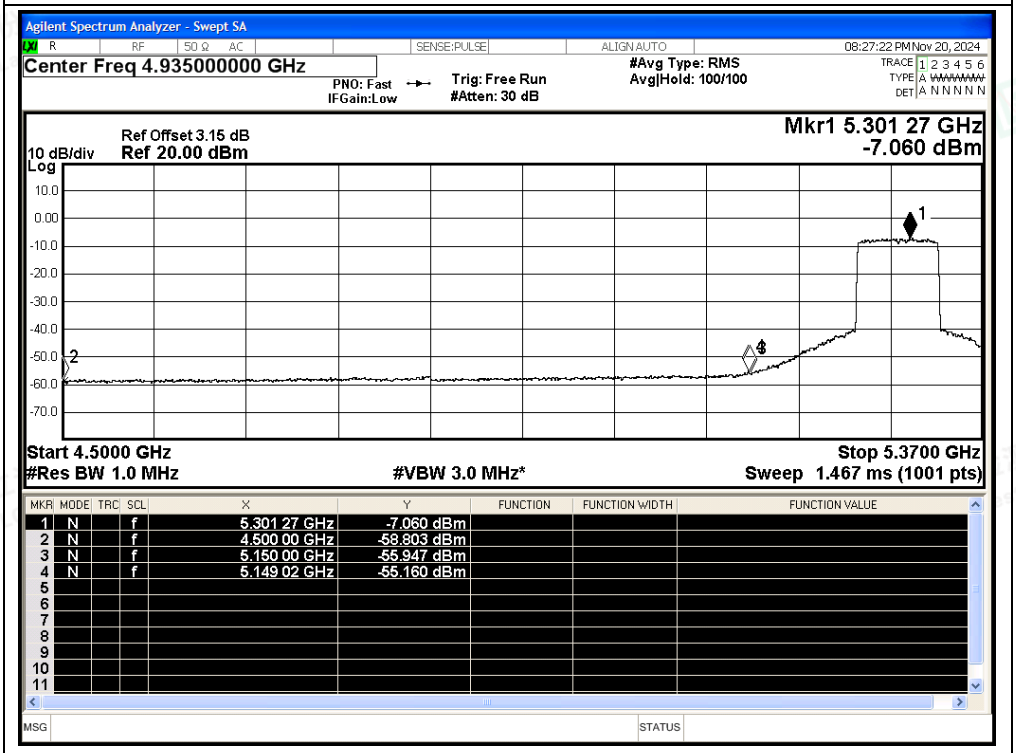
Restrict Band NVNT ac40 5310MHz Ant6 Average



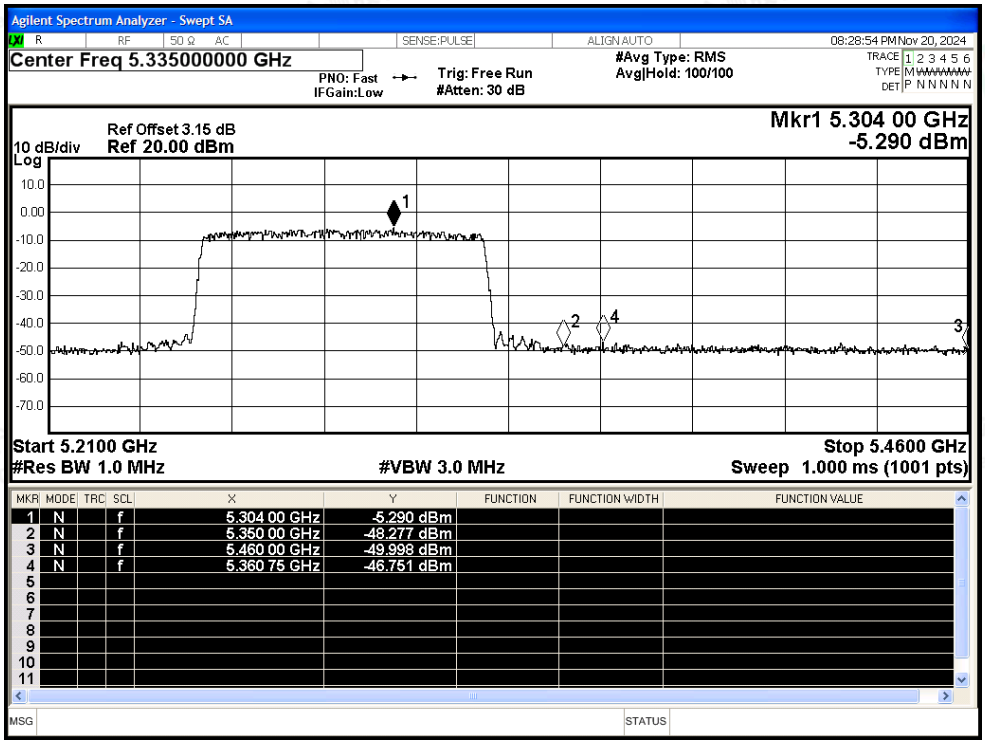
Restrict Band NVNT ac80 5290MHz Ant6 Peak



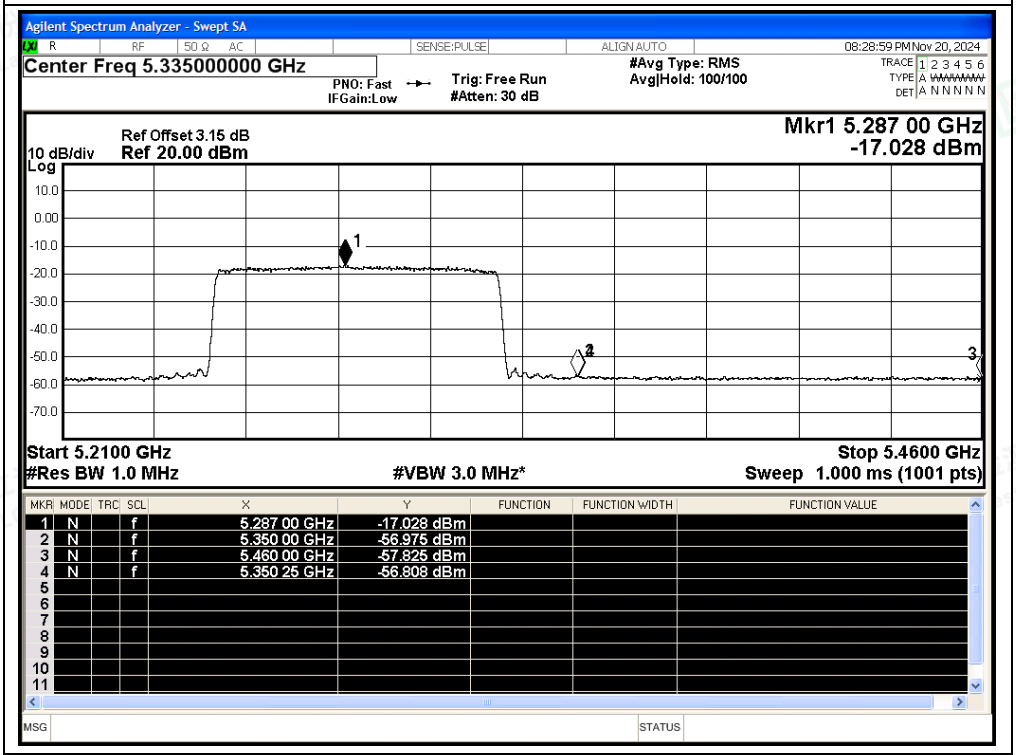
Restrict Band NVNT ac80 5290MHz Ant6 Average



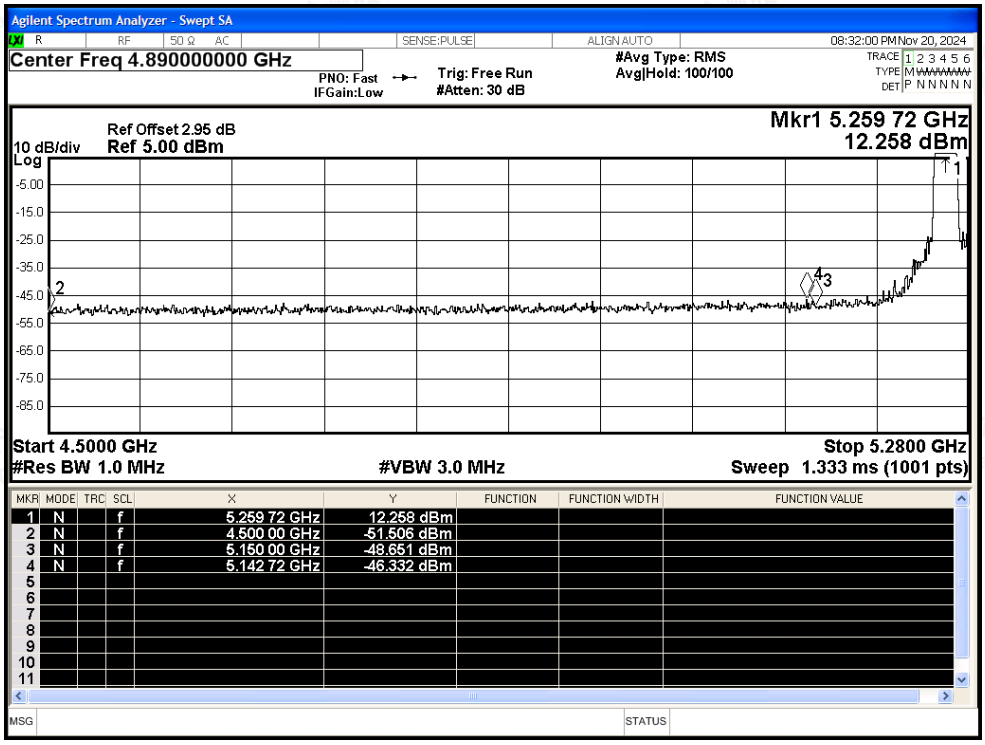
Restrict Band NVNT ac80 5290MHz Ant6 Peak



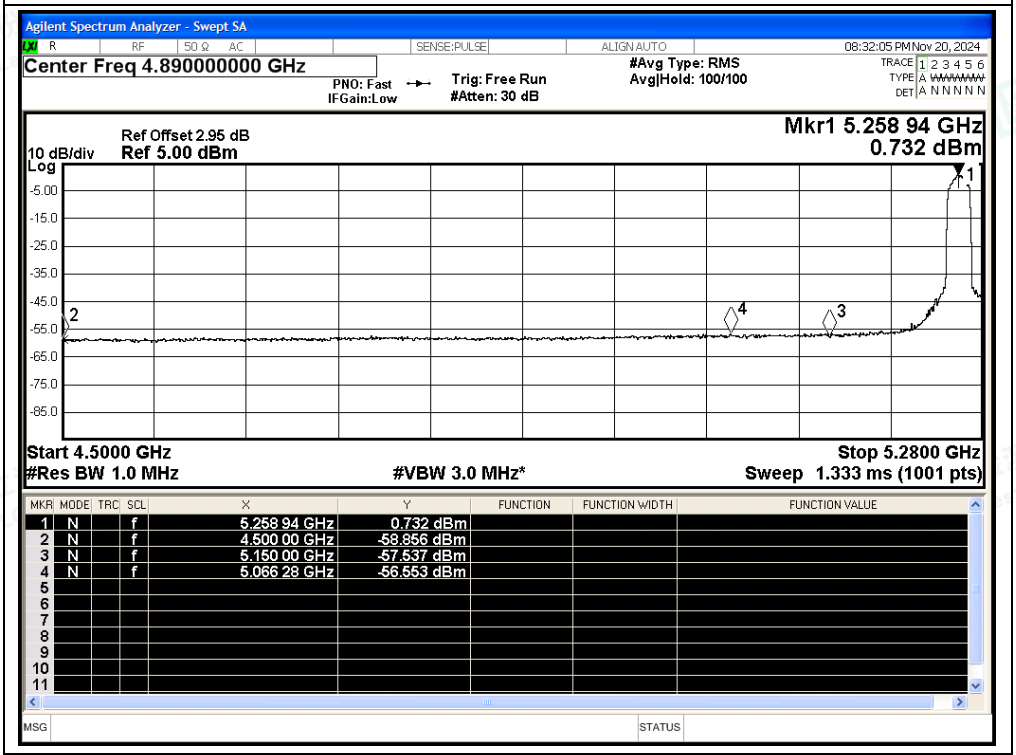
Restrict Band NVNT ac80 5290MHz Ant6 Average



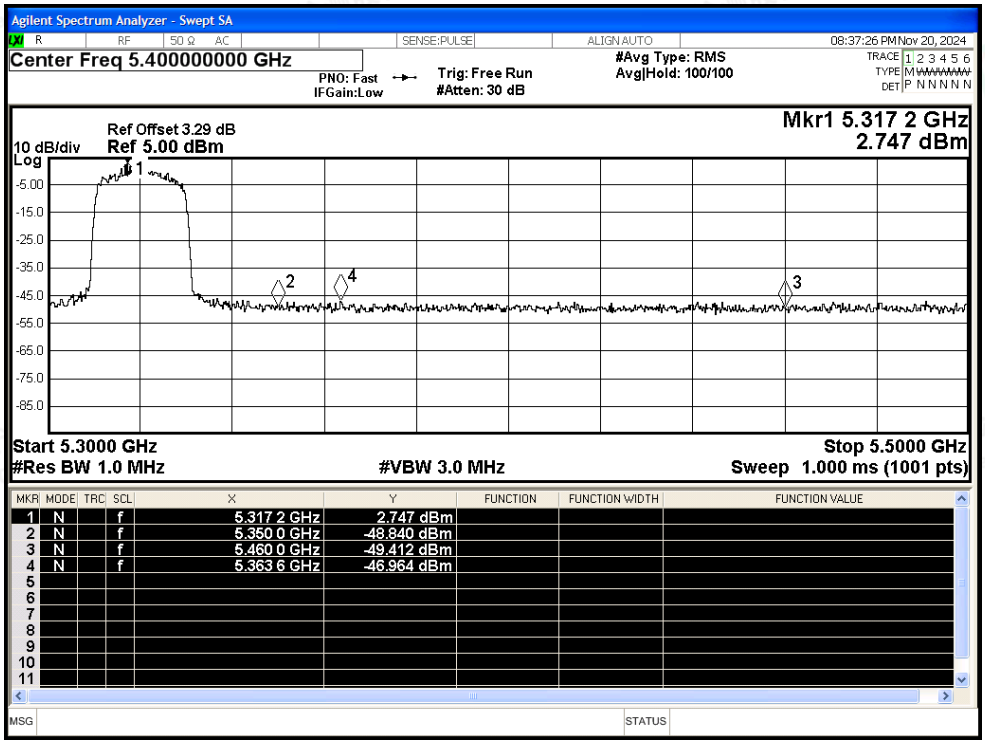
Restrict Band NVNT ax20 5260MHz Ant6 Peak



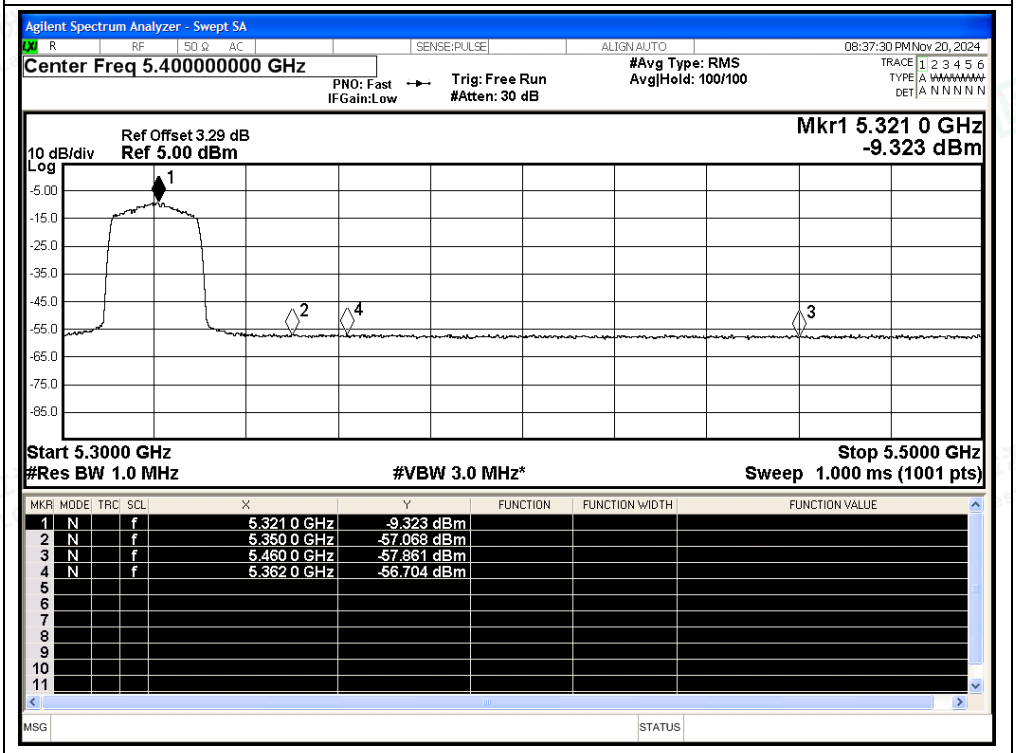
Restrict Band NVNT ax20 5260MHz Ant6 Average



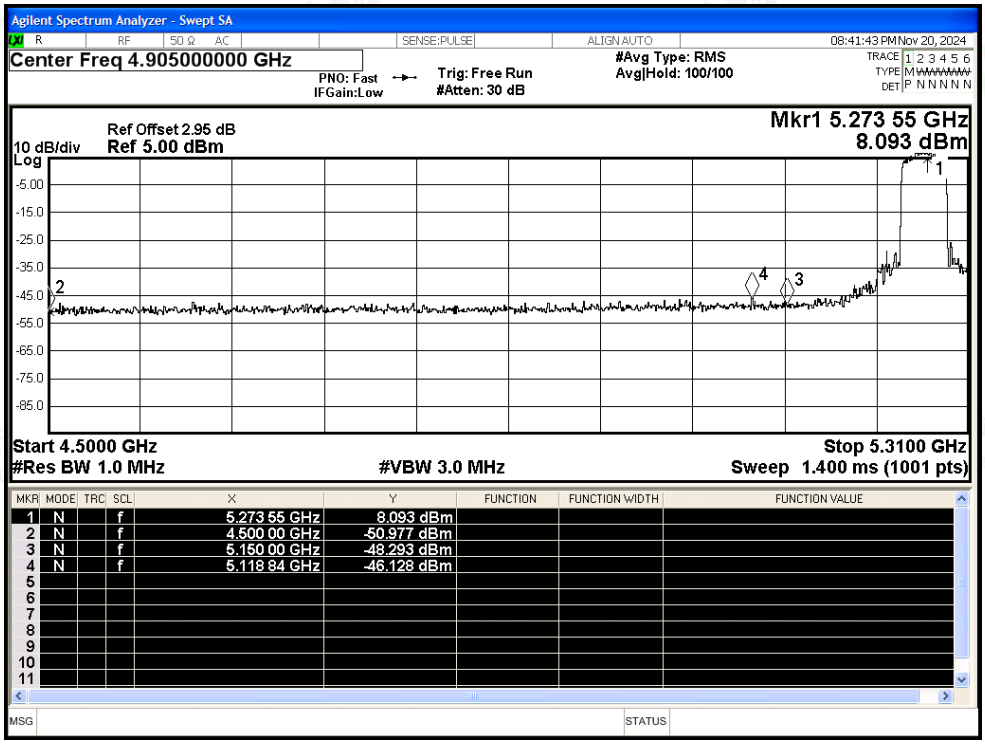
Restrict Band NVNT ax20 5320MHz Ant6 Peak



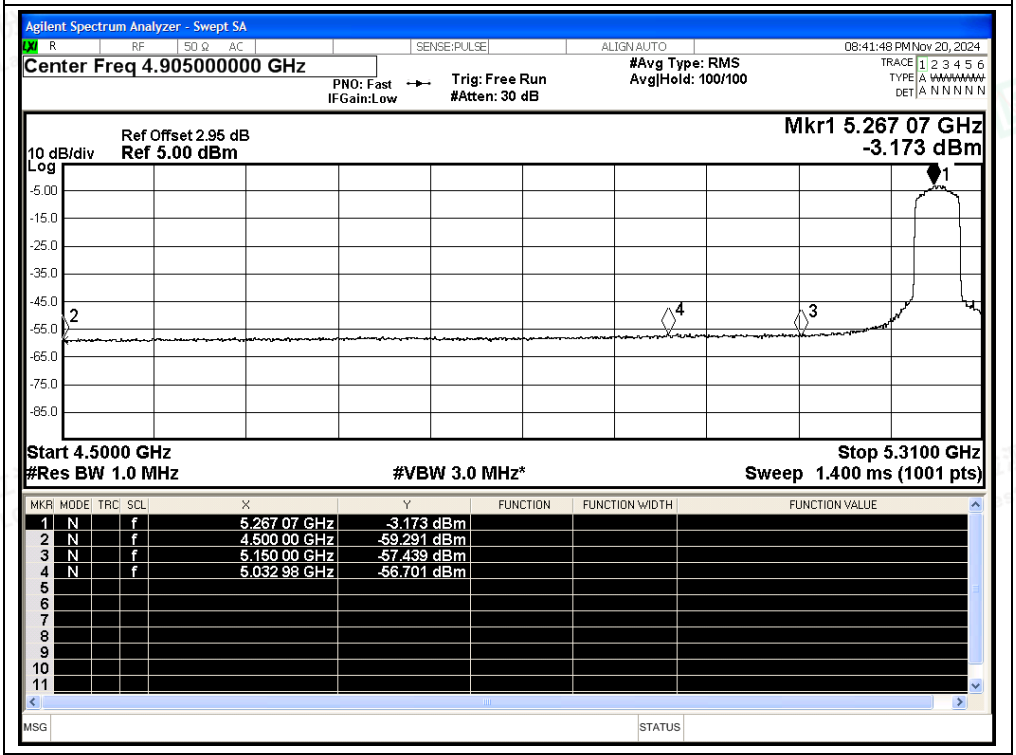
Restrict Band NVNT ax20 5320MHz Ant6 Average



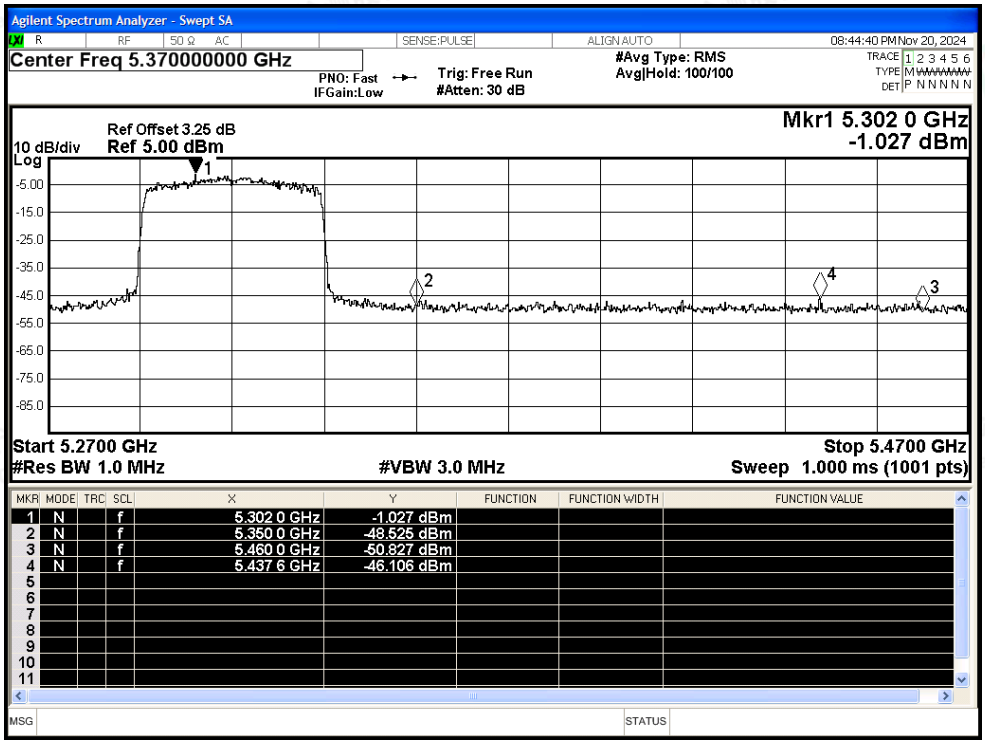
Restrict Band NVNT ax40 5270MHz Ant6 Peak



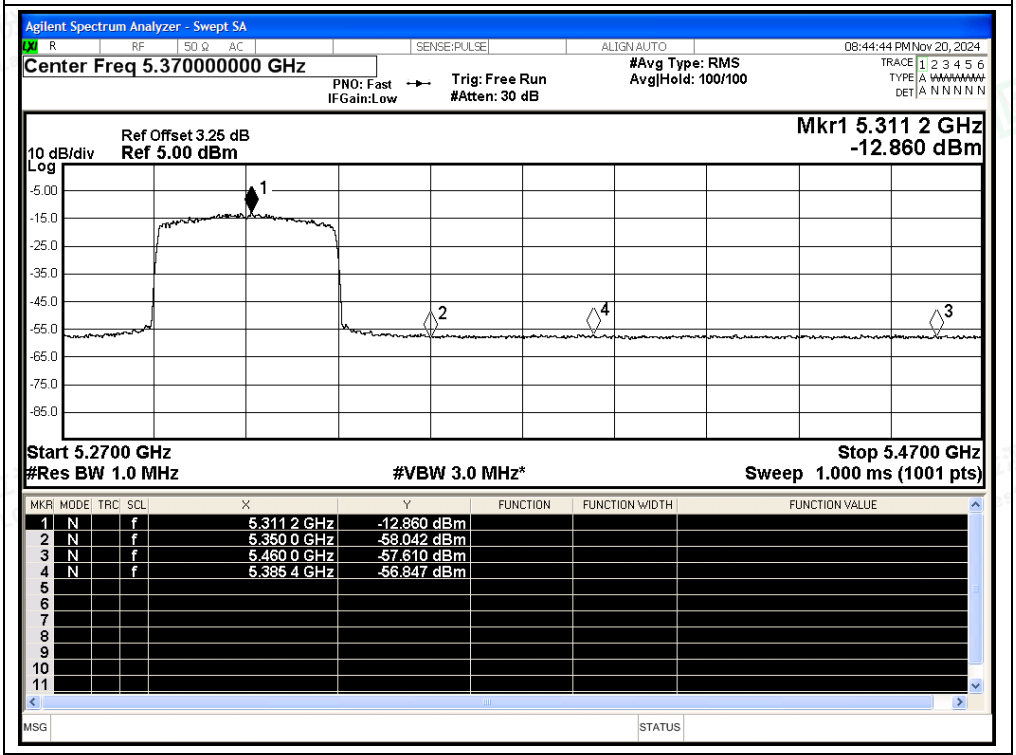
Restrict Band NVNT ax40 5270MHz Ant6 Average



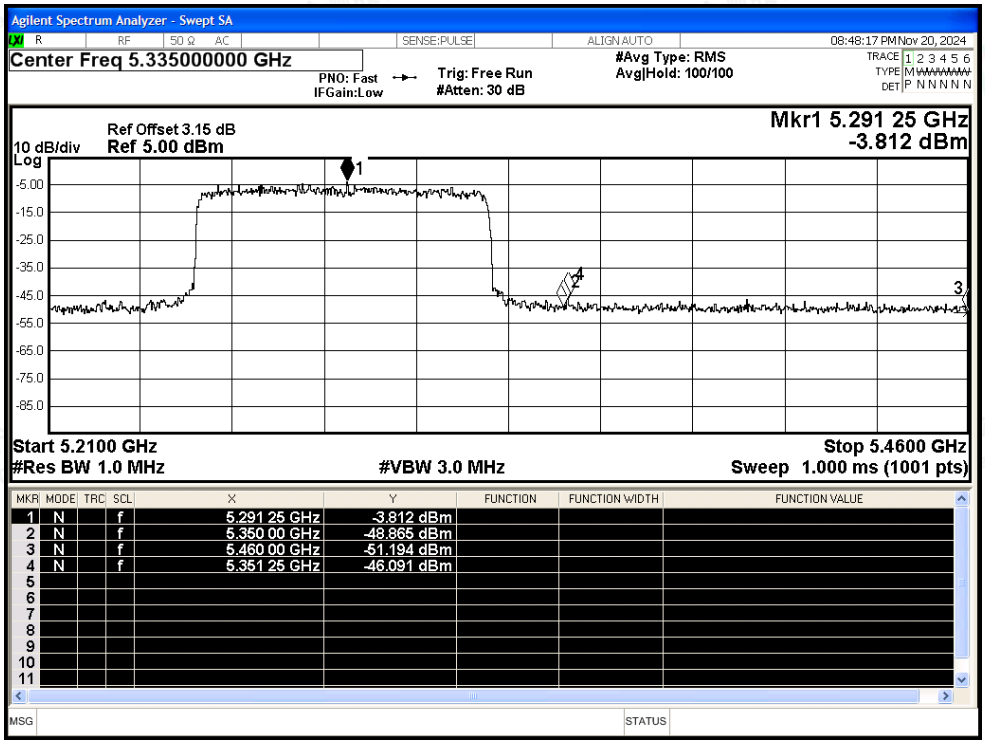
Restrict Band NVNT ax40 5310MHz Ant6 Peak



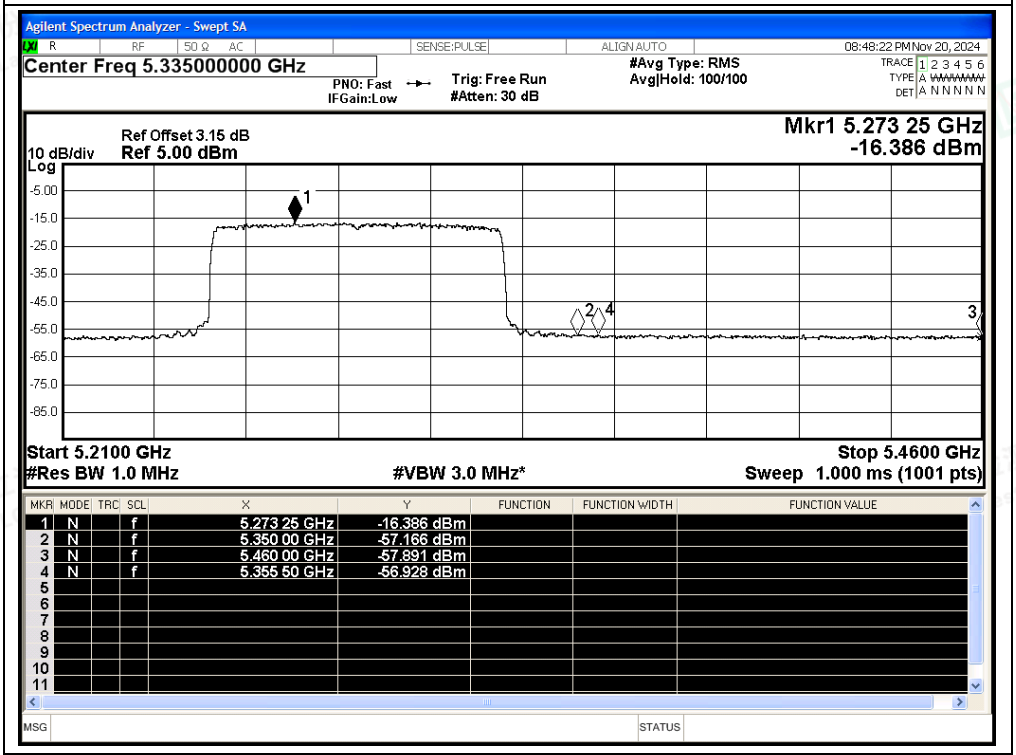
Restrict Band NVNT ax40 5310MHz Ant6 Average



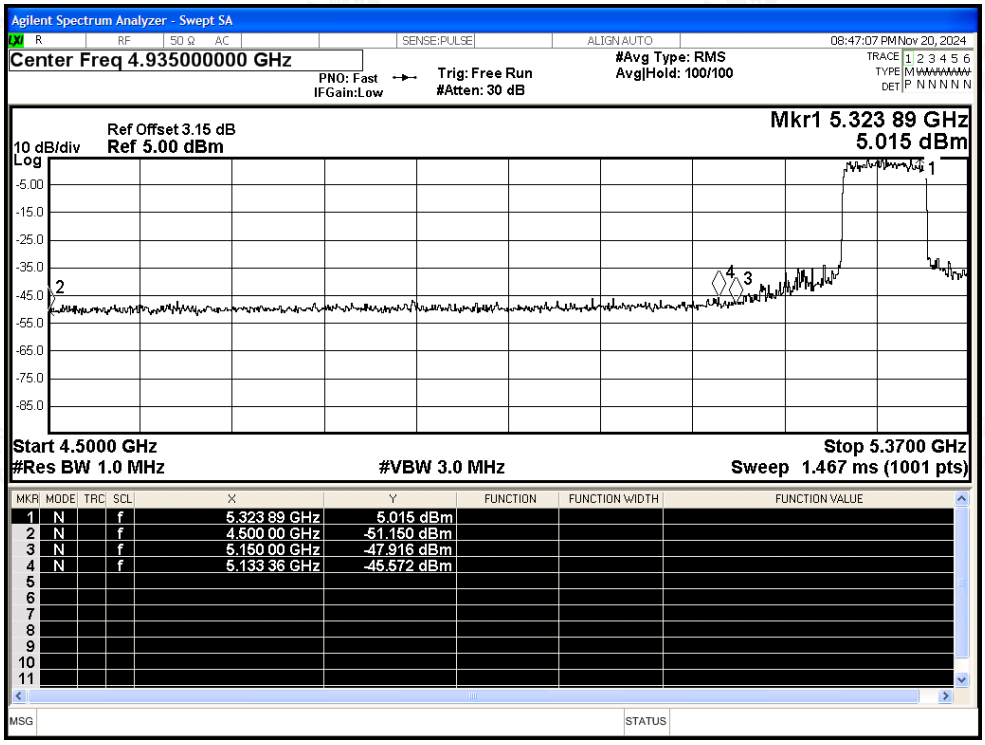
Restrict Band NVNT ax80 5290MHz Ant6 Peak



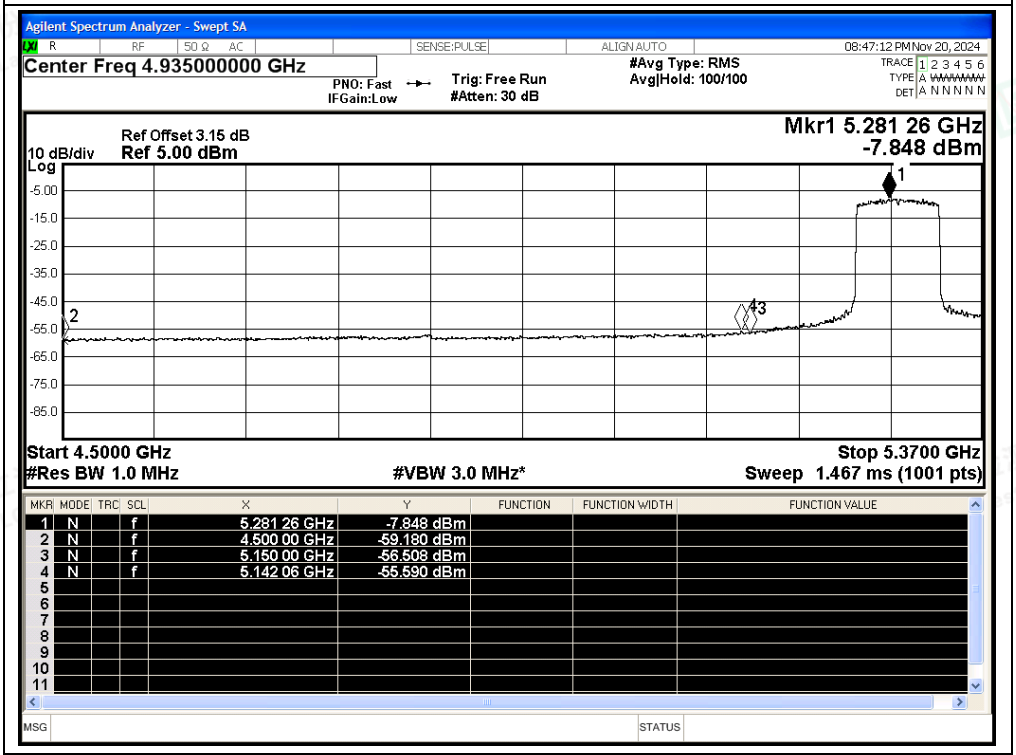
Restrict Band NVNT ax80 5290MHz Ant6 Average



Restrict Band NVNT ax80 5290MHz Ant6 Peak



Restrict Band NVNT ax80 5290MHz Ant6 Average



Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant7	4500	-50.49	2	-	46.74	Peak	68.2	Pass
NVNT	a	5260	Ant7	4500	-59.11	2	2.33	40.45	Average	54	Pass
NVNT	a	5260	Ant7	5077.98	-45.93	2	-	51.3	Peak	68.2	Pass
NVNT	a	5260	Ant7	5138.04	-56.75	2	2.33	42.81	Average	54	Pass
NVNT	a	5260	Ant7	5150	-47.89	2	-	49.34	Peak	68.2	Pass
NVNT	a	5260	Ant7	5150	-57.14	2	2.33	42.42	Average	54	Pass
NVNT	a	5320	Ant7	5350	-49.35	2	-	47.88	Peak	68.2	Pass
NVNT	a	5320	Ant7	5350	-57.78	2	2.33	41.78	Average	54	Pass
NVNT	a	5320	Ant7	5419.8	-46.49	2	-	50.74	Peak	68.2	Pass
NVNT	a	5320	Ant7	5351.6	-56.59	2	2.33	42.97	Average	54	Pass
NVNT	a	5320	Ant7	5460	-50	2	-	47.23	Peak	68.2	Pass
NVNT	a	5320	Ant7	5460	-57.83	2	2.33	41.73	Average	54	Pass
NVNT	n20	5260	Ant7	4500	-50.68	2	-	46.55	Peak	68.2	Pass
NVNT	n20	5260	Ant7	4500	-59.22	2	2.46	40.47	Average	54	Pass
NVNT	n20	5260	Ant7	5042.88	-46.55	2	-	50.68	Peak	68.2	Pass
NVNT	n20	5260	Ant7	5137.26	-56.71	2	2.46	42.98	Average	54	Pass
NVNT	n20	5260	Ant7	5150	-49.93	2	-	47.3	Peak	68.2	Pass
NVNT	n20	5260	Ant7	5150	-57.52	2	2.46	42.17	Average	54	Pass
NVNT	n20	5320	Ant7	5350	-49.01	2	-	48.22	Peak	68.2	Pass
NVNT	n20	5320	Ant7	5350	-58.09	2	2.44	41.58	Average	54	Pass
NVNT	n20	5320	Ant7	5446.8	-47.05	2	-	50.18	Peak	68.2	Pass
NVNT	n20	5320	Ant7	5357.8	-56.83	2	2.44	42.84	Average	54	Pass
NVNT	n20	5320	Ant7	5460	-49.03	2	-	48.2	Peak	68.2	Pass
NVNT	n20	5320	Ant7	5460	-58.1	2	2.44	41.57	Average	54	Pass
NVNT	n40	5270	Ant7	4500	-50.54	2	-	46.69	Peak	68.2	Pass
NVNT	n40	5270	Ant7	4500	-59.09	2	2.6	40.74	Average	54	Pass
NVNT	n40	5270	Ant7	5081.58	-46.01	2	-	51.22	Peak	68.2	Pass
NVNT	n40	5270	Ant7	5076.72	-56.74	2	2.6	43.09	Average	54	Pass
NVNT	n40	5270	Ant7	5150	-47.98	2	-	49.25	Peak	68.2	Pass
NVNT	n40	5270	Ant7	5150	-57.5	2	2.6	42.33	Average	54	Pass
NVNT	n40	5310	Ant7	5350	-49.45	2	-	47.78	Peak	68.2	Pass
NVNT	n40	5310	Ant7	5350	-57.22	2	2.52	42.53	Average	54	Pass
NVNT	n40	5310	Ant7	5445.8	-46.71	2	-	50.52	Peak	68.2	Pass
NVNT	n40	5310	Ant7	5368.8	-56.8	2	2.52	42.95	Average	54	Pass
NVNT	n40	5310	Ant7	5460	-49.79	2	-	47.44	Peak	68.2	Pass
NVNT	n40	5310	Ant7	5460	-58.42	2	2.52	41.33	Average	54	Pass
NVNT	ac20	5260	Ant7	4500	-49.25	2	-	47.98	Peak	68.2	Pass
NVNT	ac20	5260	Ant7	4500	-58.77	2	2.43	40.89	Average	54	Pass

NVNT	ac20	5260	Ant7	5001.54	-46.11	2	-	51.12	Peak	68.2	Pass
NVNT	ac20	5260	Ant7	5049.9	-56.89	2	2.43	42.77	Average	54	Pass
NVNT	ac20	5260	Ant7	5150	-50.45	2	-	46.78	Peak	68.2	Pass
NVNT	ac20	5260	Ant7	5150	-57.58	2	2.43	42.08	Average	54	Pass
NVNT	ac20	5320	Ant7	5350	-49.47	2	-	47.76	Peak	68.2	Pass
NVNT	ac20	5320	Ant7	5350	-57.23	2	2.43	42.43	Average	54	Pass
NVNT	ac20	5320	Ant7	5368.8	-46.72	2	-	50.51	Peak	68.2	Pass
NVNT	ac20	5320	Ant7	5396.6	-56.84	2	2.43	42.82	Average	54	Pass
NVNT	ac20	5320	Ant7	5460	-48.56	2	-	48.67	Peak	68.2	Pass
NVNT	ac20	5320	Ant7	5460	-57.73	2	2.43	41.93	Average	54	Pass
NVNT	ac40	5270	Ant7	4500	-51.43	2	-	45.8	Peak	68.2	Pass
NVNT	ac40	5270	Ant7	4500	-59.34	2	2.59	40.48	Average	54	Pass
NVNT	ac40	5270	Ant7	4827.24	-47.13	2	-	50.1	Peak	68.2	Pass
NVNT	ac40	5270	Ant7	5128.56	-56.62	2	2.59	43.2	Average	54	Pass
NVNT	ac40	5270	Ant7	5150	-49.71	2	-	47.52	Peak	68.2	Pass
NVNT	ac40	5270	Ant7	5150	-56.96	2	2.59	42.86	Average	54	Pass
NVNT	ac40	5310	Ant7	5350	-47.13	2	-	50.1	Peak	68.2	Pass
NVNT	ac40	5310	Ant7	5350	-57.35	2	2.59	42.47	Average	54	Pass
NVNT	ac40	5310	Ant7	5383.6	-46.47	2	-	50.76	Peak	68.2	Pass
NVNT	ac40	5310	Ant7	5360.6	-56.69	2	2.59	43.13	Average	54	Pass
NVNT	ac40	5310	Ant7	5460	-49.58	2	-	47.65	Peak	68.2	Pass
NVNT	ac40	5310	Ant7	5460	-57.68	2	2.59	42.14	Average	54	Pass
NVNT	ac80	5290	Ant7	4500	-50.29	2	-	46.94	Peak	68.2	Pass
NVNT	ac80	5290	Ant7	4500	-59.1	2	3	41.13	Average	54	Pass
NVNT	ac80	5290	Ant7	5132.49	-46.03	2	-	51.2	Peak	68.2	Pass
NVNT	ac80	5290	Ant7	5144.67	-56.2	2	3	44.03	Average	54	Pass
NVNT	ac80	5290	Ant7	5150	-48.3	2	-	48.93	Peak	68.2	Pass
NVNT	ac80	5290	Ant7	5150	-56.6	2	3	43.63	Average	54	Pass
NVNT	ac80	5290	Ant7	5350	-48.72	2	-	48.51	Peak	68.2	Pass
NVNT	ac80	5290	Ant7	5350	-56.74	2	3	43.49	Average	54	Pass
NVNT	ac80	5290	Ant7	5415.25	-46.39	2	-	50.84	Peak	68.2	Pass
NVNT	ac80	5290	Ant7	5460	-50.2	2	-	47.03	Peak	68.2	Pass
NVNT	ac80	5290	Ant7	5460	-57.92	2	3	42.31	Average	54	Pass
NVNT	ax20	5260	Ant7	4500	-51.78	2	-	45.45	Peak	68.2	Pass
NVNT	ax20	5260	Ant7	4500	-59.13	2	2.95	41.05	Average	54	Pass
NVNT	ax20	5260	Ant7	5042.88	-45.45	2	-	51.78	Peak	68.2	Pass
NVNT	ax20	5260	Ant7	5088.12	-56.64	2	2.95	43.54	Average	54	Pass
NVNT	ax20	5260	Ant7	5150	-48.83	2	-	48.4	Peak	68.2	Pass
NVNT	ax20	5260	Ant7	5150	-57.38	2	2.95	42.8	Average	54	Pass
NVNT	ax20	5320	Ant7	5350	-49.94	2	-	47.29	Peak	68.2	Pass
NVNT	ax20	5320	Ant7	5350	-57.77	2	2.93	42.39	Average	54	Pass
NVNT	ax20	5320	Ant7	5351.8	-46.22	2	-	51.01	Peak	68.2	Pass