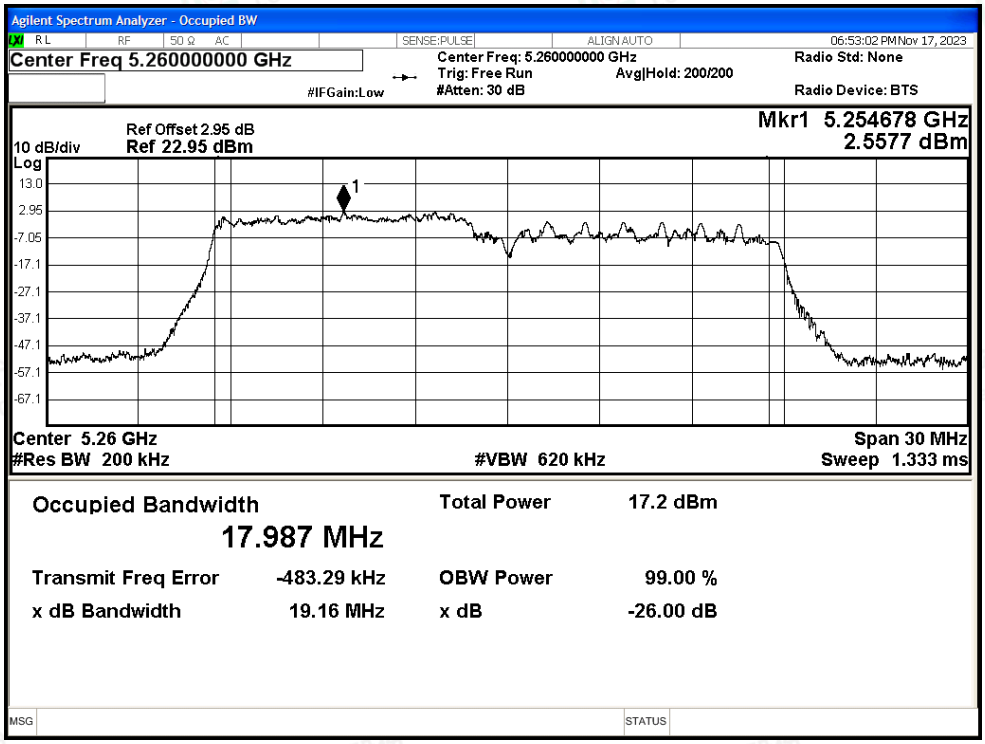
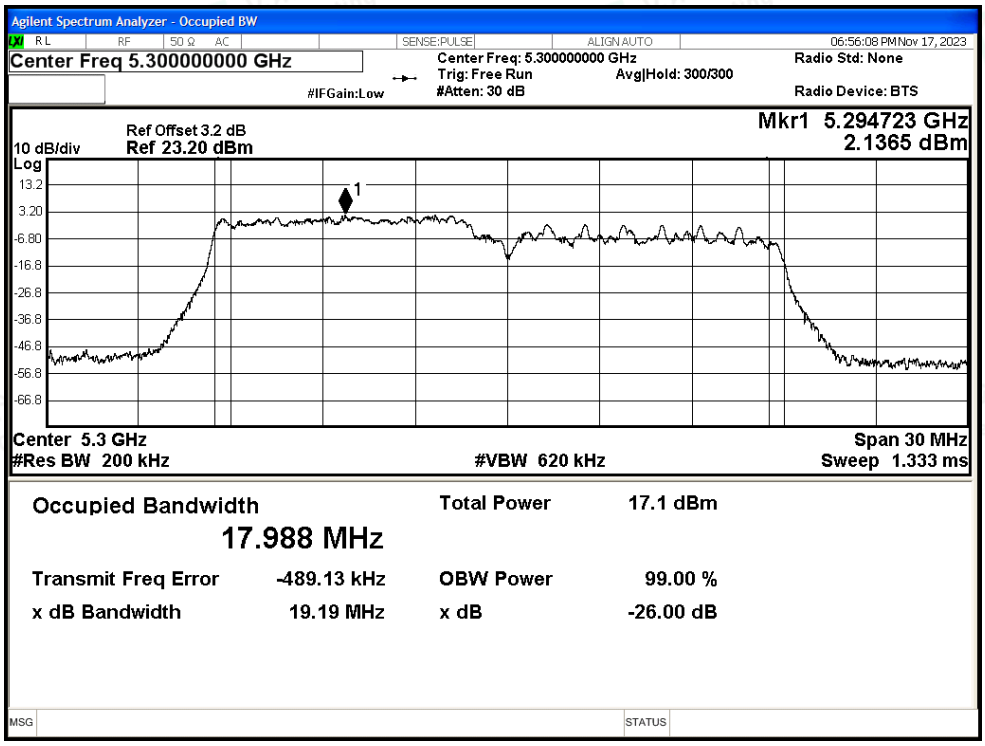
NVNT	ax20	5260	Ant1	17.987
NVNT	ax20	5300	Ant1	17.988
NVNT	ax20	5320	Ant1	17.967
NVNT	ax40	5270	Ant1	17.502
NVNT	ax40	5310	Ant1	17.525
NVNT	ax80	5290	Ant1	17.398

Test Graphs

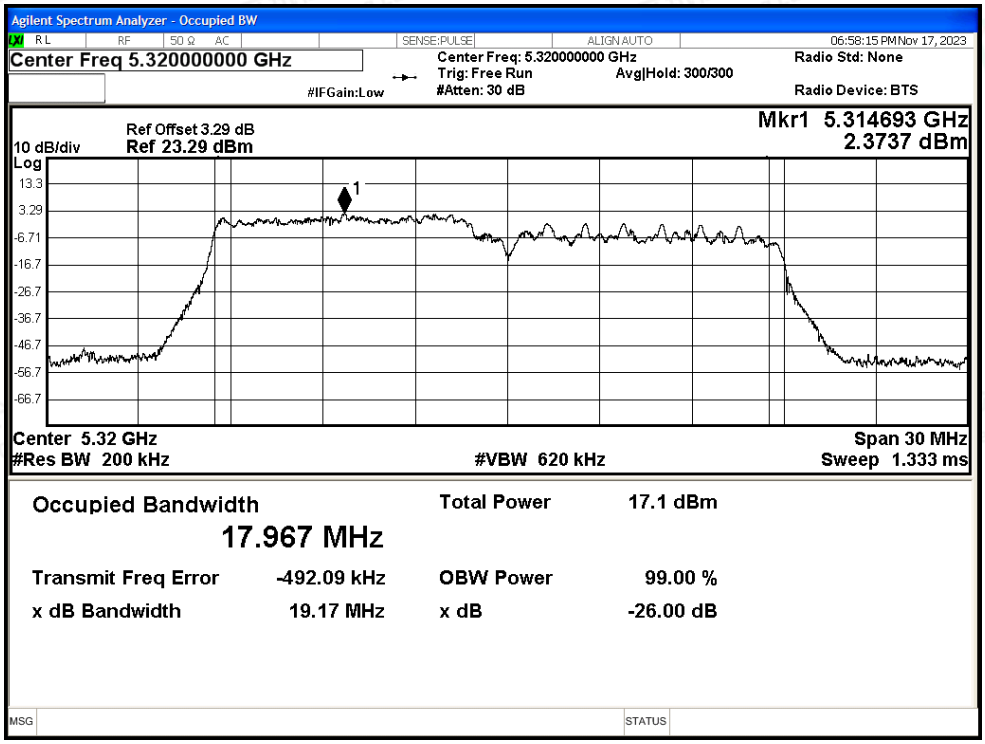
OBW NVNT ax20 5260MHz Ant1



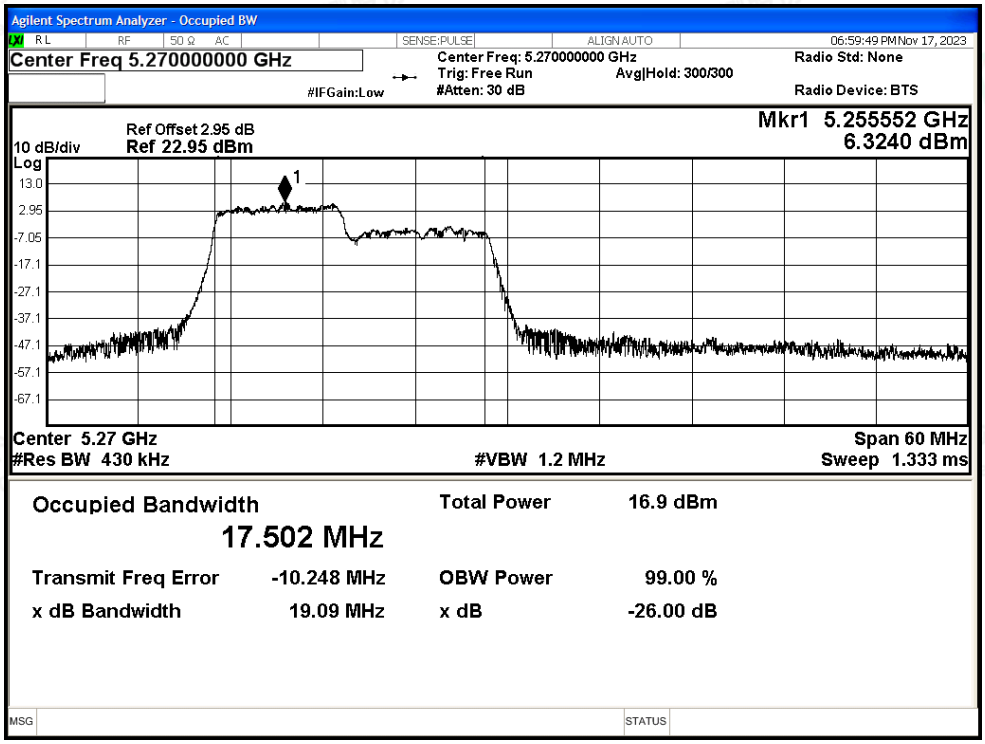
OBW NVNT ax20 5300MHz Ant1



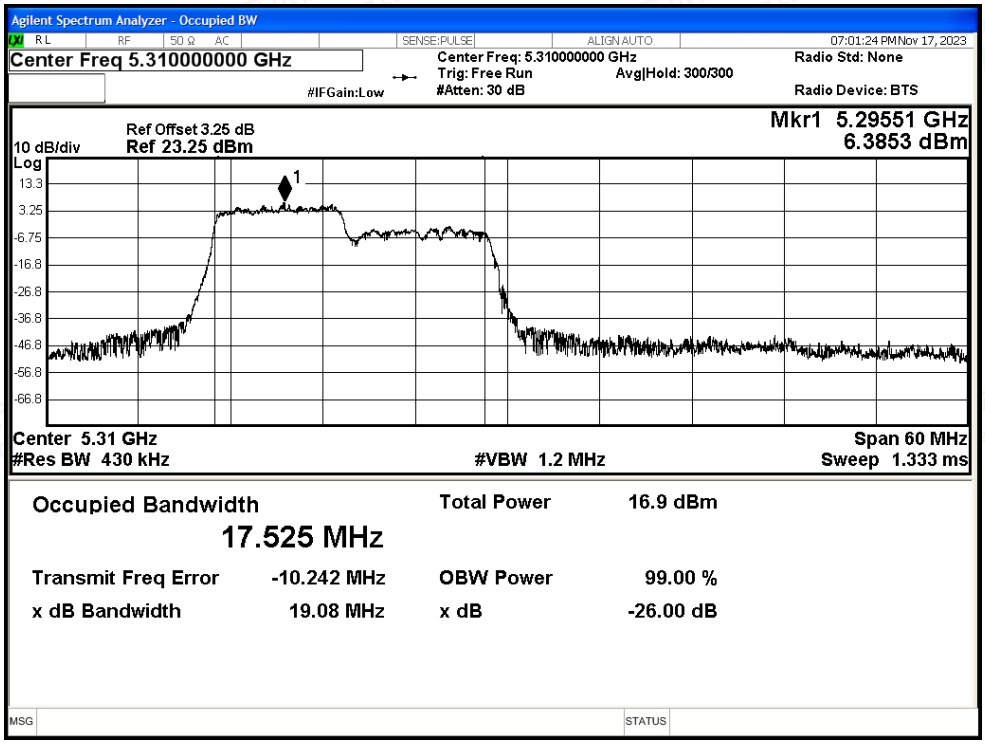
OBW NVNT ax20 5320MHz Ant1



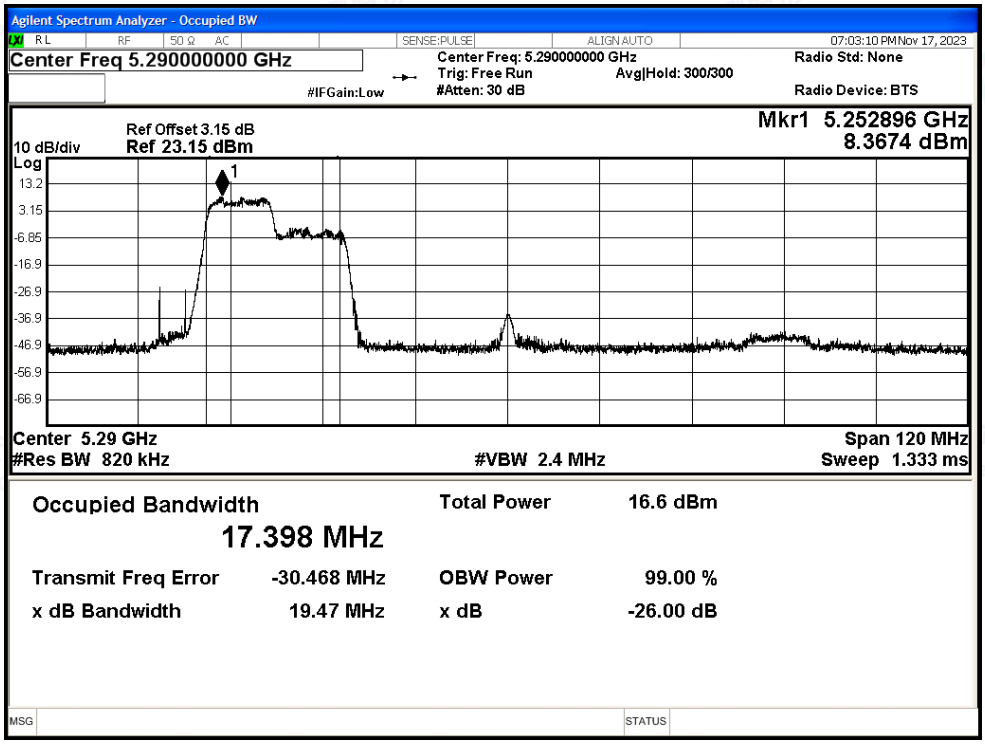
OBW NVNT ax40 5270MHz Ant1



OBW NVNT ax40 5310MHz Ant1



OBW NVNT ax80 5290MHz Ant1

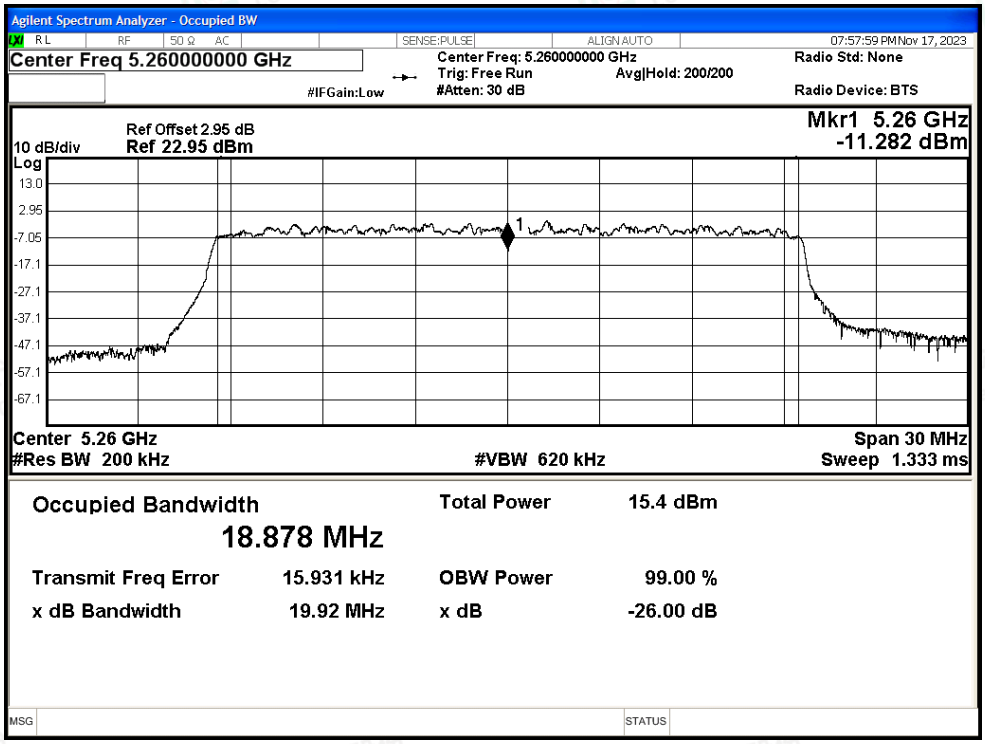


802.11ax OFDMA-(242 Tone)

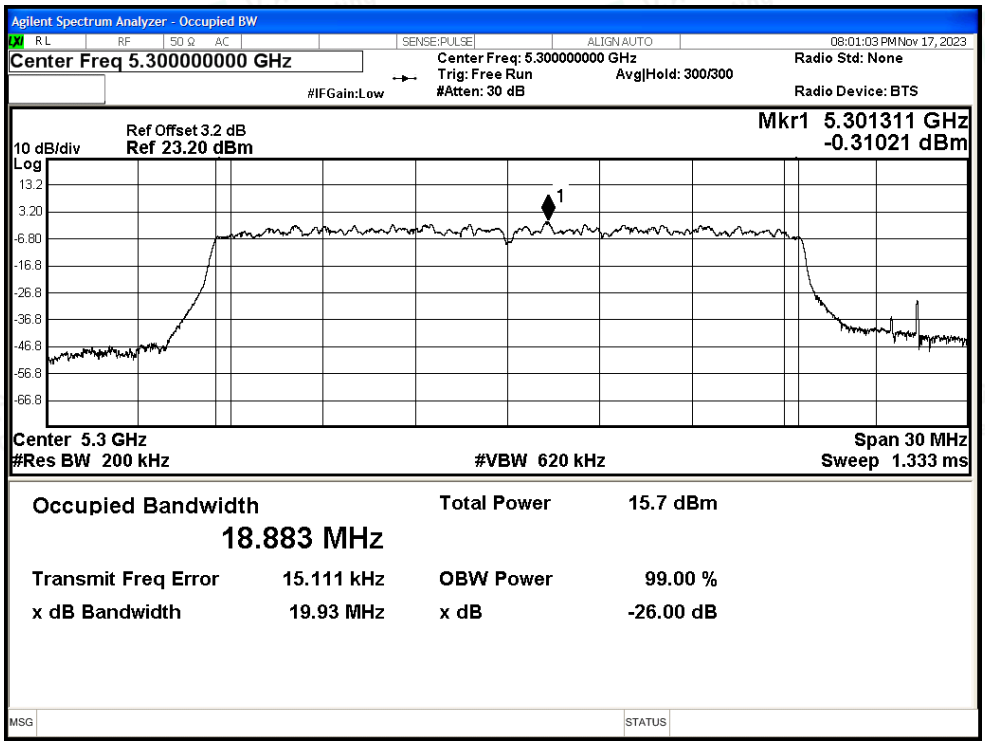
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	5260	Ant0	18.878
NVNT	ax20	5300	Ant0	18.883
NVNT	ax20	5320	Ant0	18.878
NVNT	ax40	5270	Ant0	18.73
NVNT	ax40	5310	Ant0	18.725
NVNT	ax80	5290	Ant0	18.976

Test Graphs

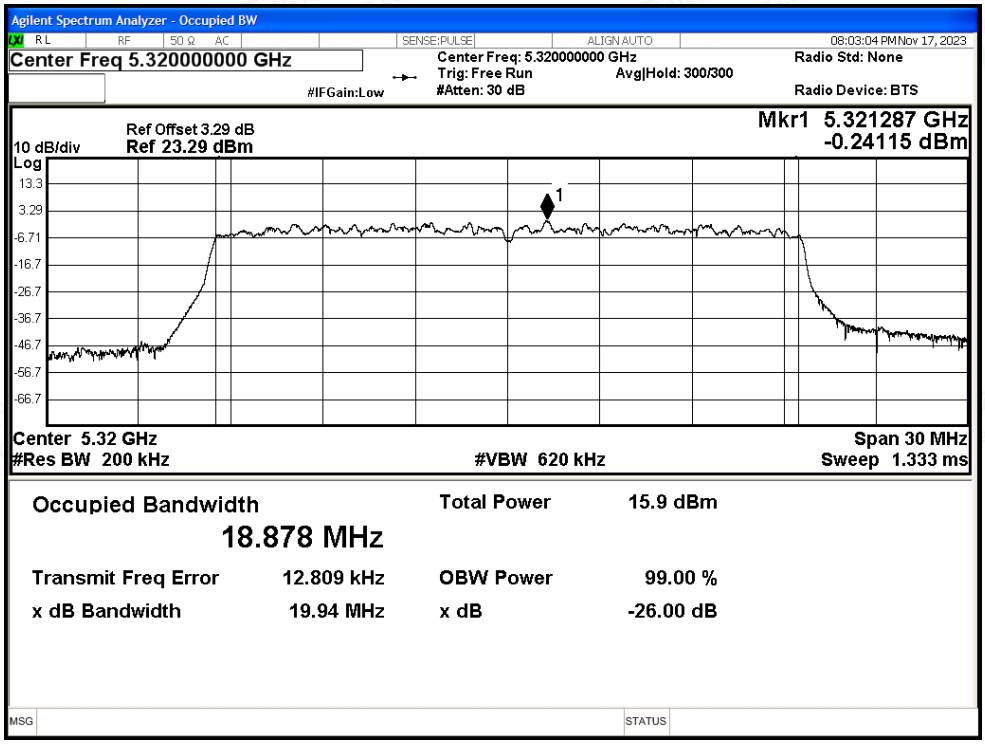
OBW NVNT ax20 5260MHz Ant0



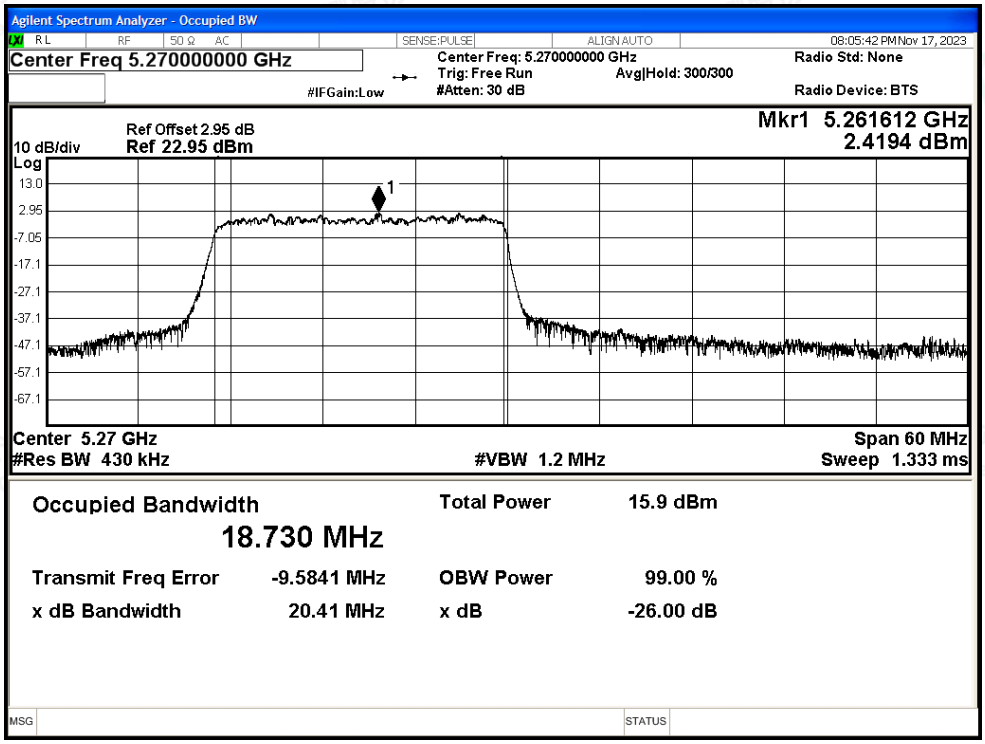
OBW NVNT ax20 5300MHz Ant0



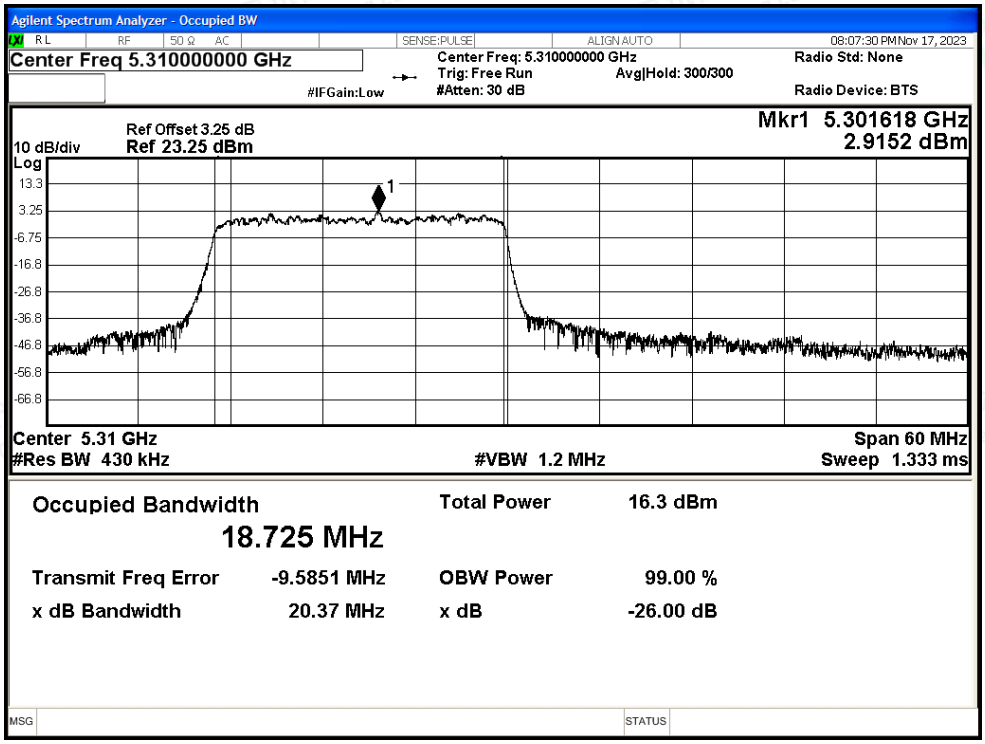
OBW NVNT ax20 5320MHz Ant0



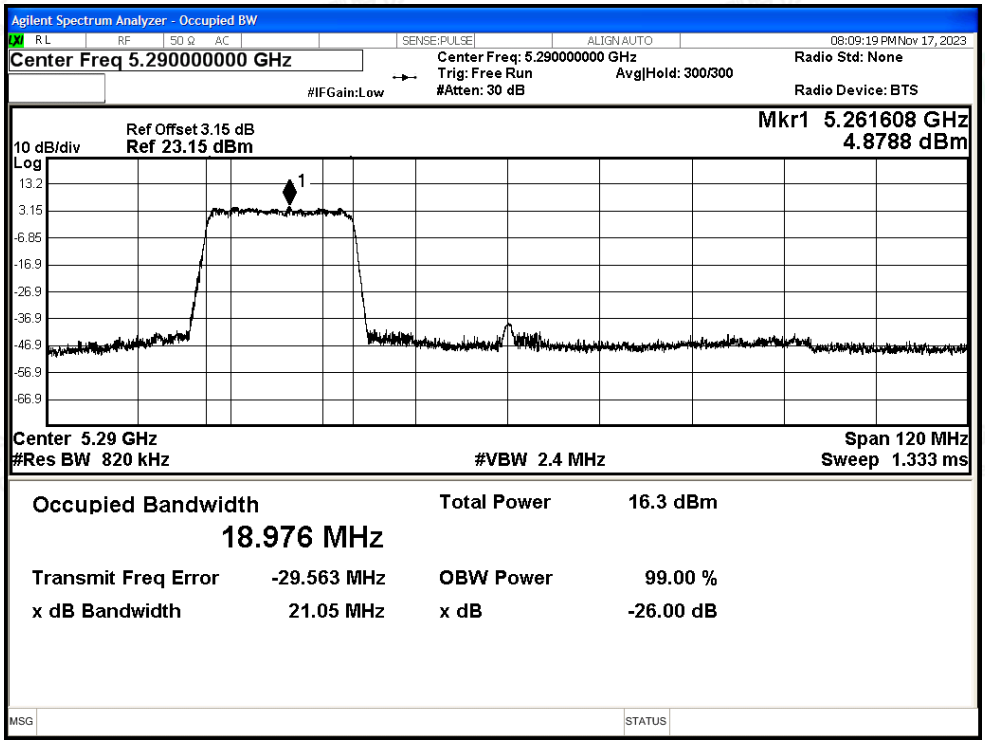
OBW NVNT ax40 5270MHz Ant0



OBW NVNT ax40 5310MHz Ant0



OBW NVNT ax80 5290MHz Ant0

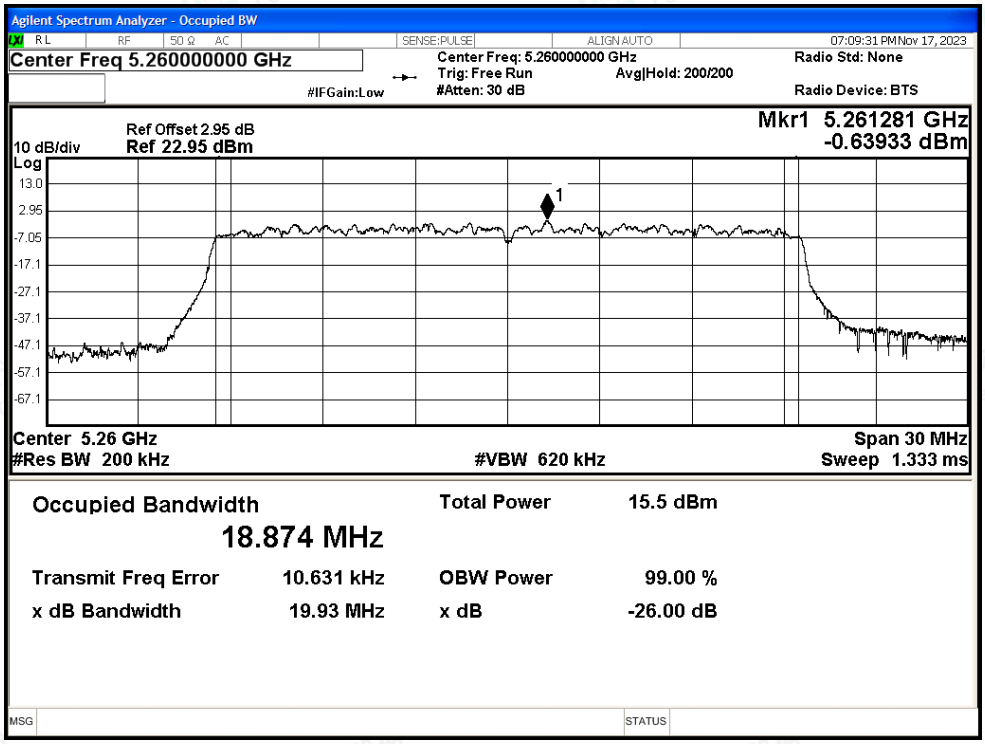


Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)

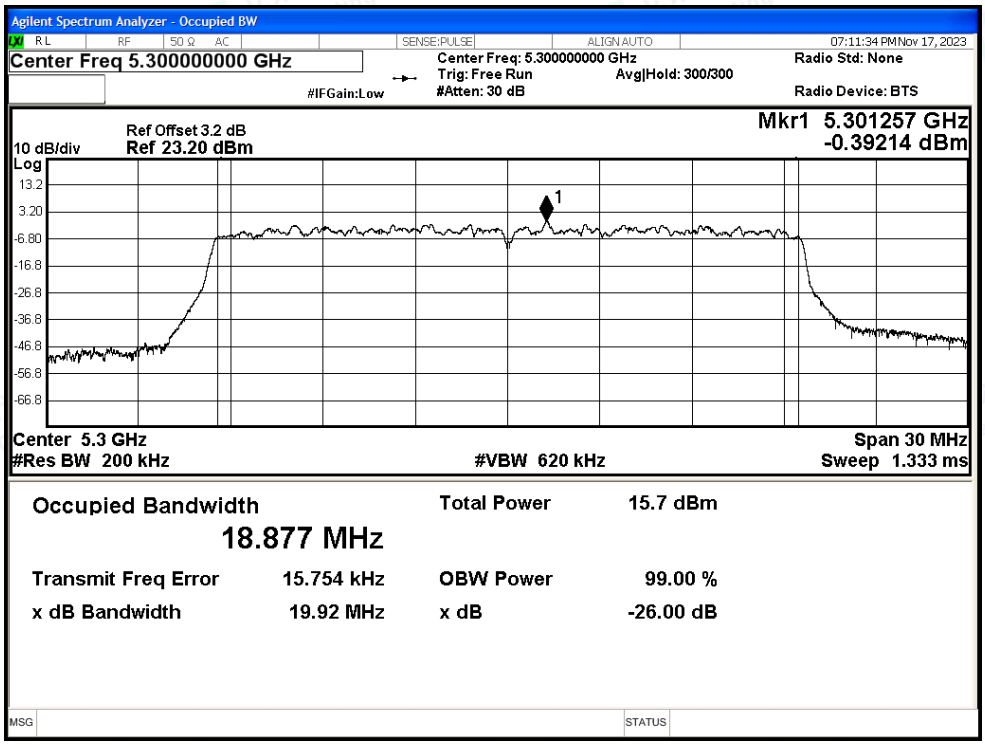
NVNT	ax20	5260	Ant1	18.874
NVNT	ax20	5300	Ant1	18.877
NVNT	ax20	5320	Ant1	18.875
NVNT	ax40	5270	Ant1	18.735
NVNT	ax40	5310	Ant1	18.737
NVNT	ax80	5290	Ant1	18.971

Test Graphs

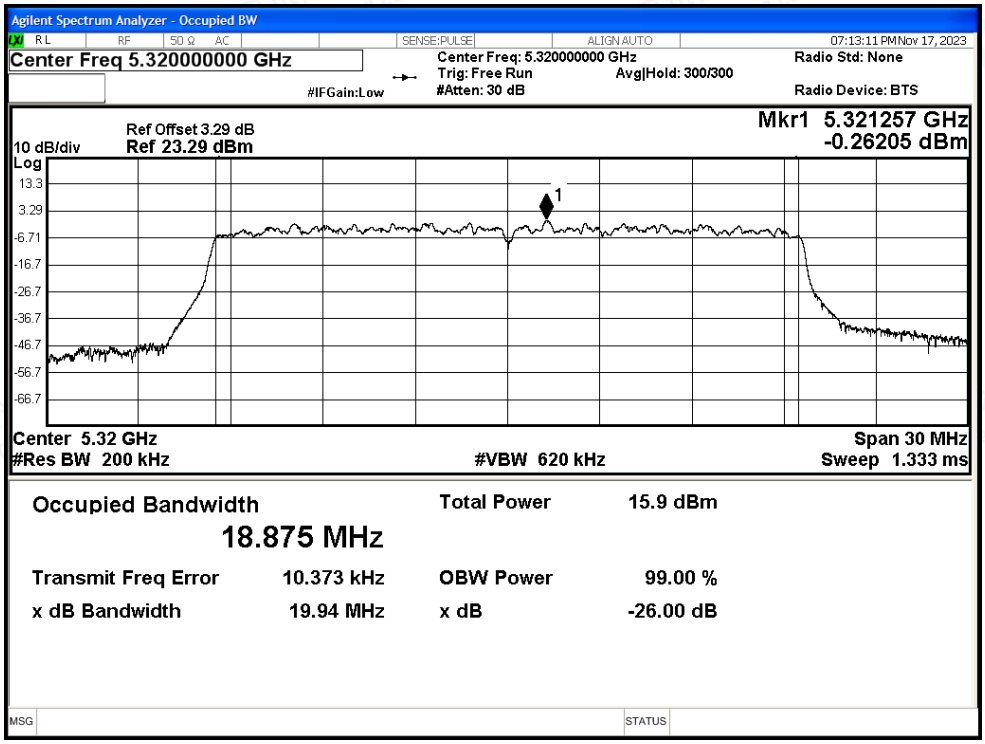
OBW NVNT ax20 5260MHz Ant1



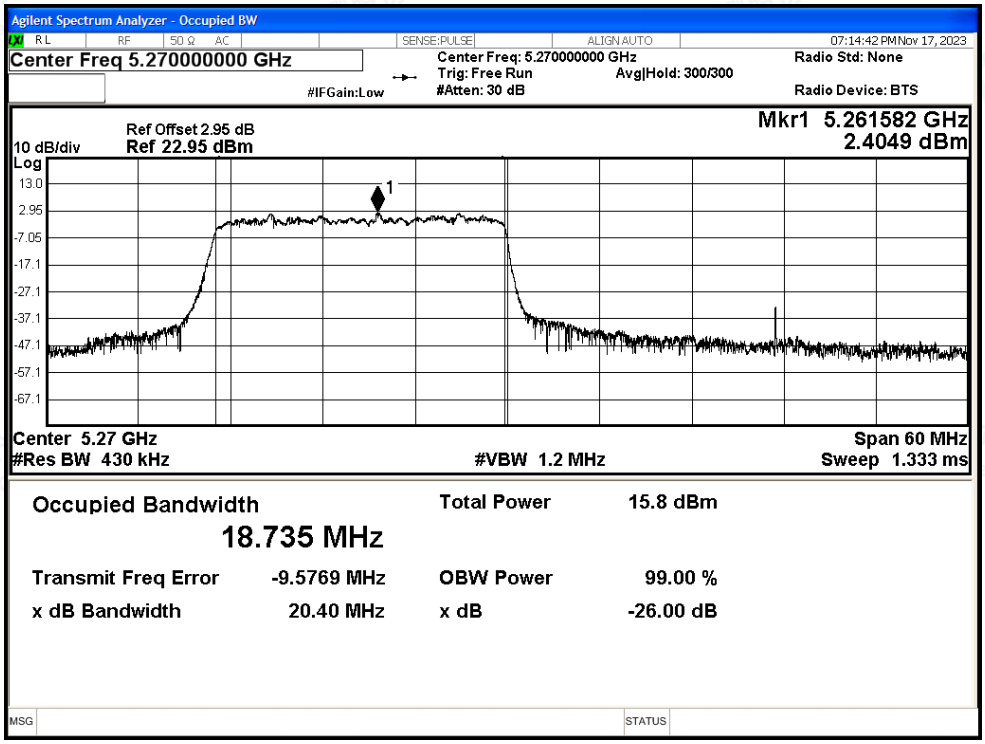
OBW NVNT ax20 5300MHz Ant1



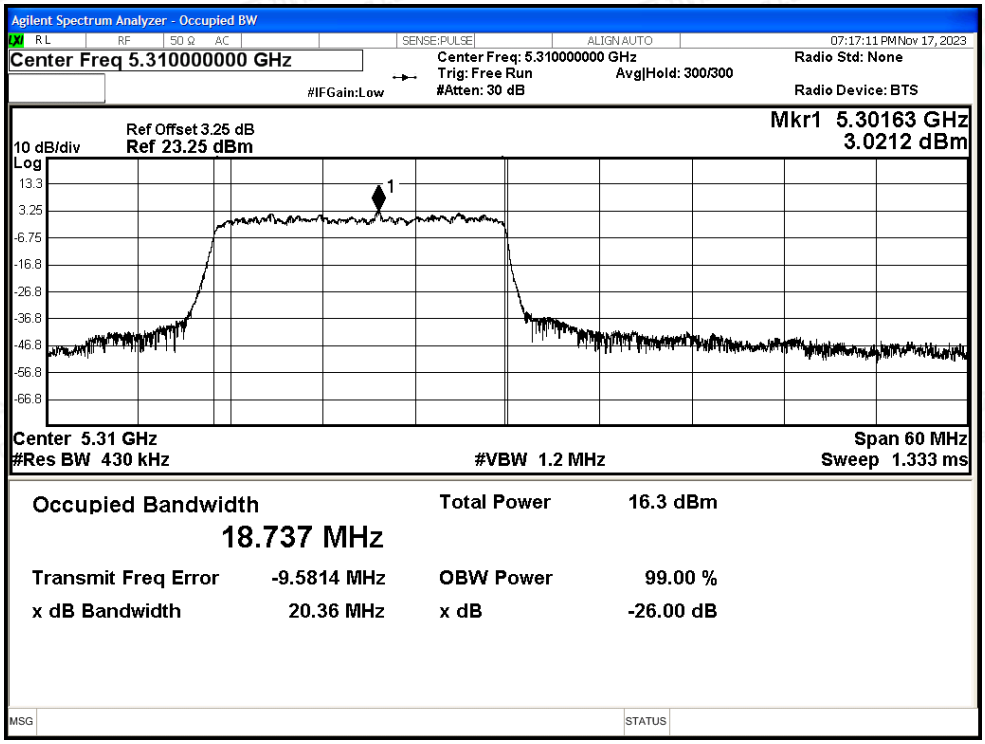
OBW NVNT ax20 5320MHz Ant1



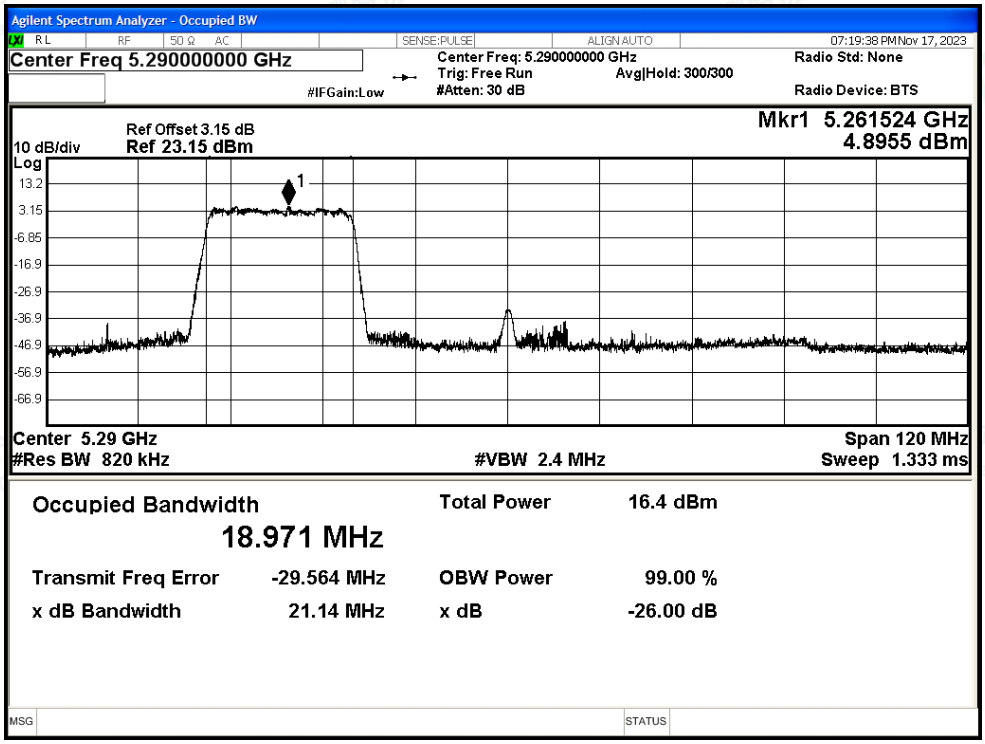
OBW NVNT ax40 5270MHz Ant1



OBW NVNT ax40 5310MHz Ant1



OBW NVNT ax80 5290MHz Ant1

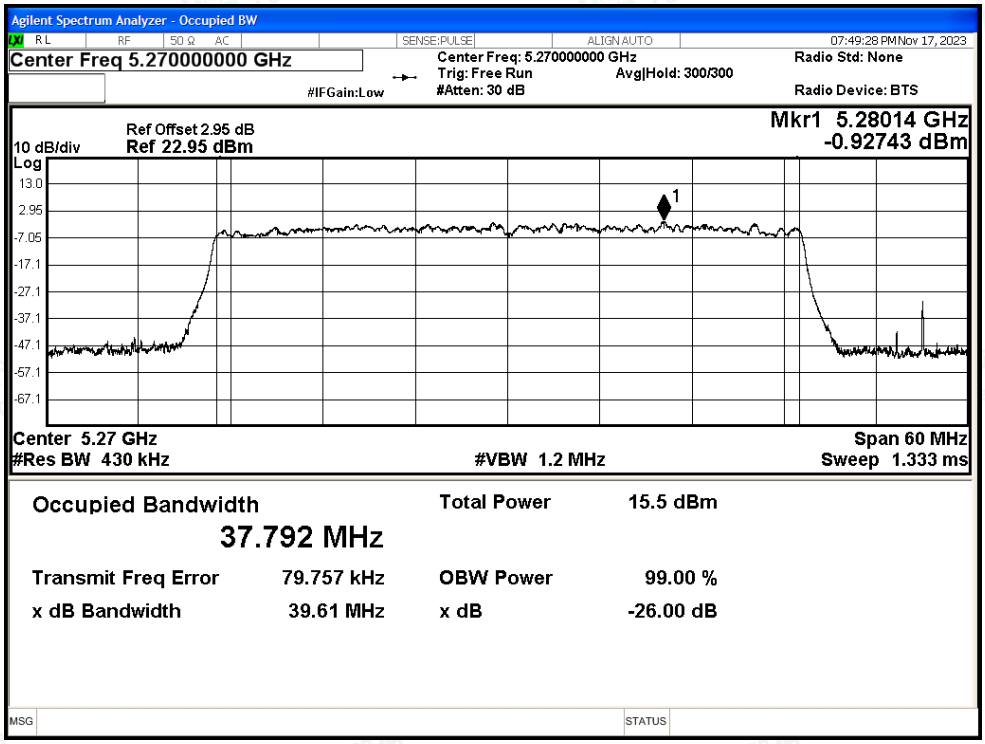


802.11ax OFDMA-(484Tone)

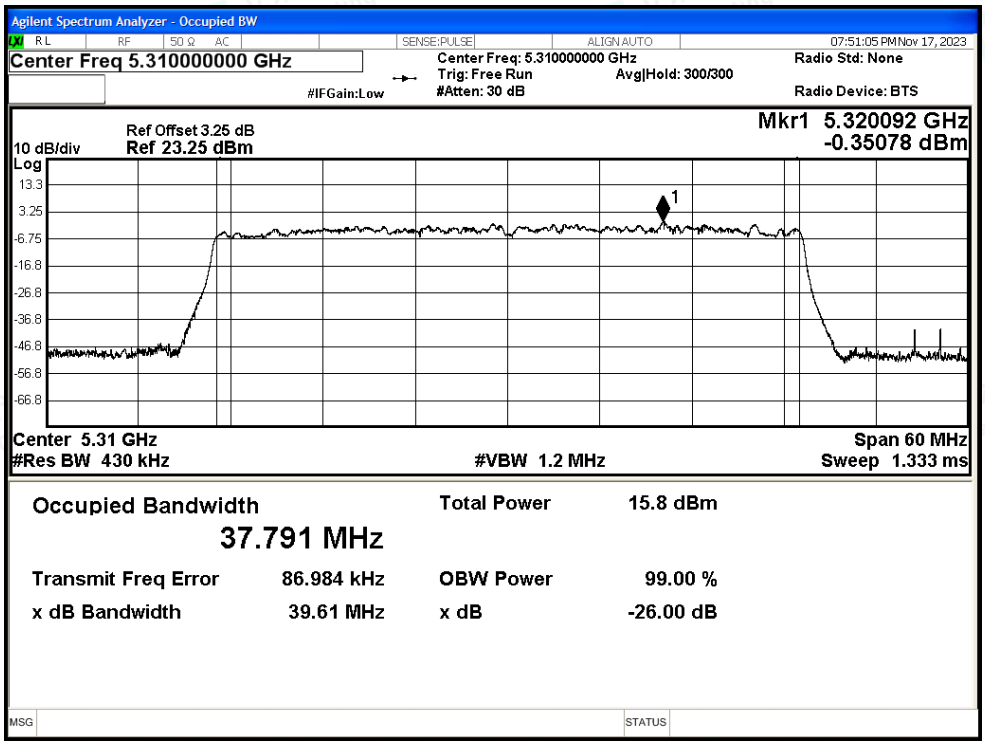
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax40	5270	Ant0	37.792
NVNT	ax40	5310	Ant0	37.791
NVNT	ax80	5290	Ant0	37.609

Test Graphs

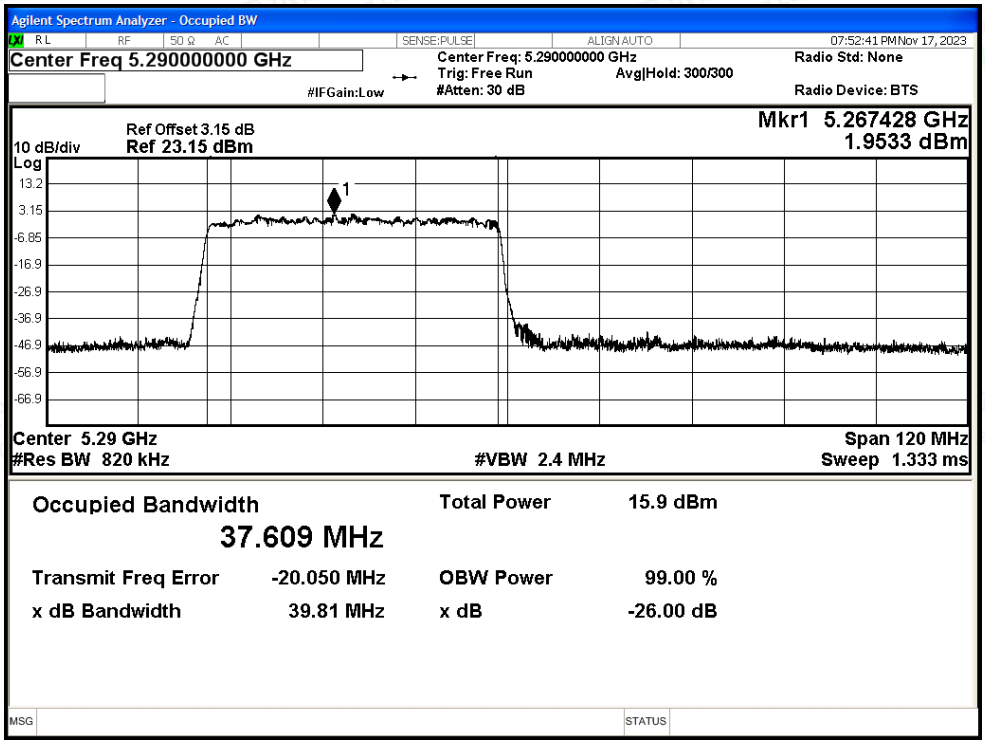
OBW NVNT ax40 5270MHz Ant0



OBW NVNT ax40 5310MHz Ant0



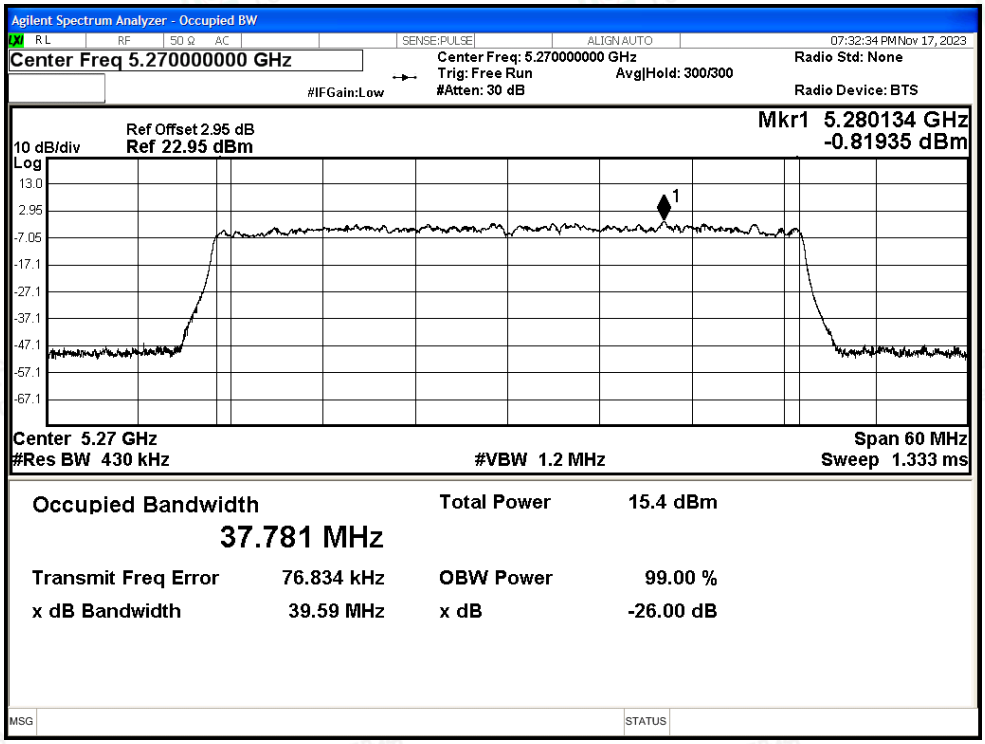
OBW NVNT ax80 5290MHz Ant0



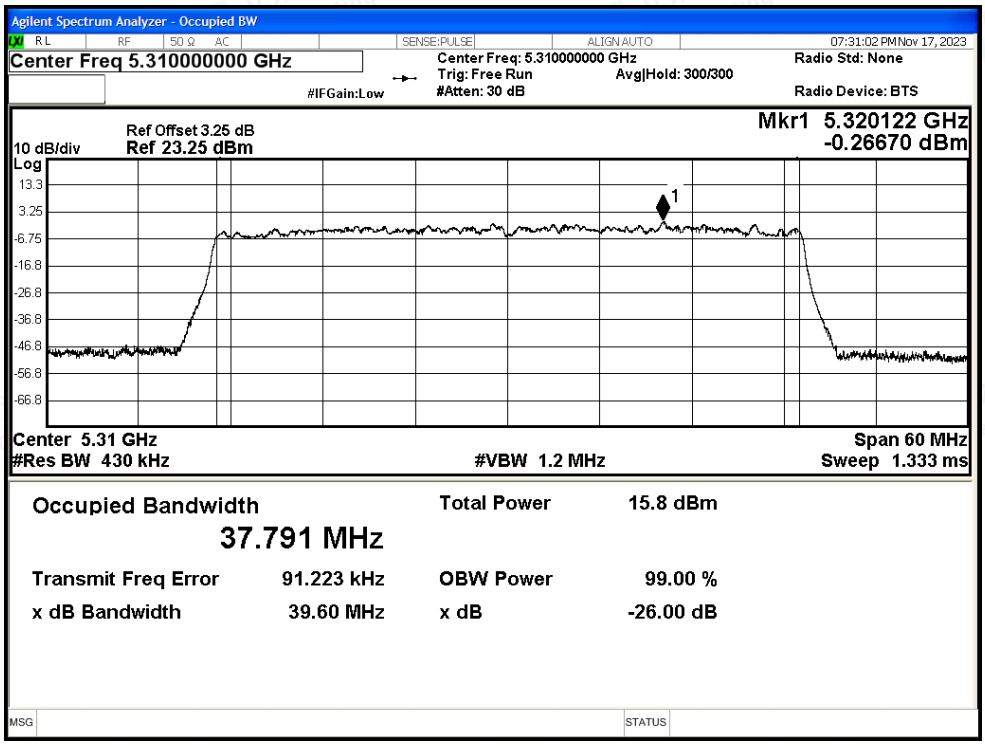
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax40	5270	Ant1	37.781
NVNT	ax40	5310	Ant1	37.791
NVNT	ax80	5290	Ant1	37.61

Test Graphs

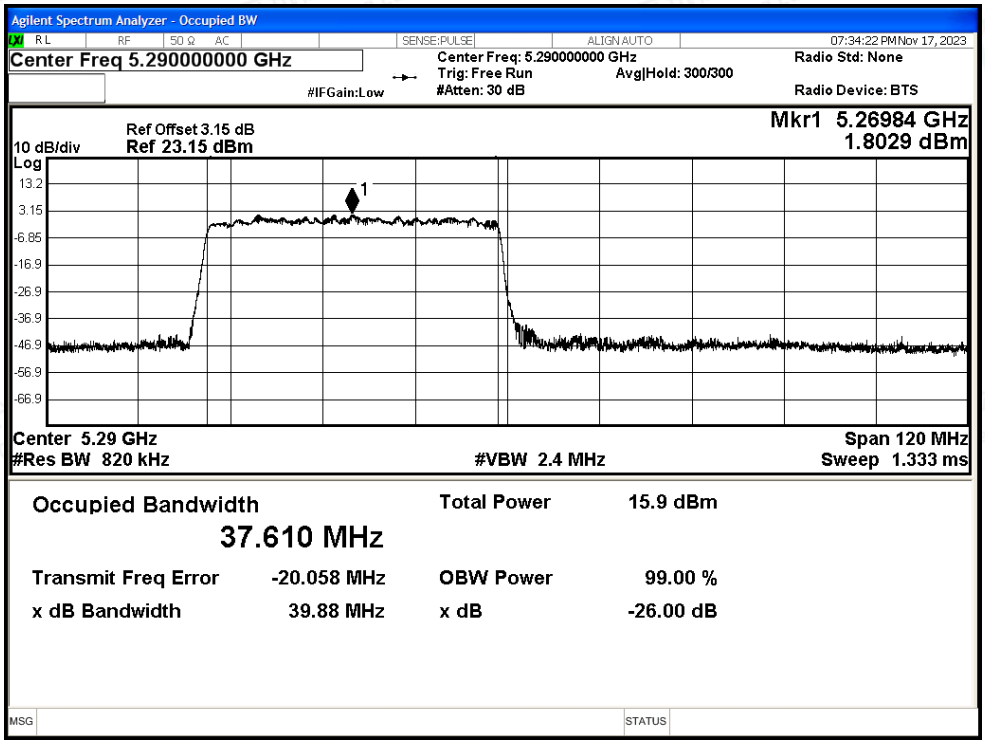
OBW NVNT ax40 5270MHz Ant1



OBW NVNT ax40 5310MHz Ant1



OBW NVNT ax80 5290MHz Ant1

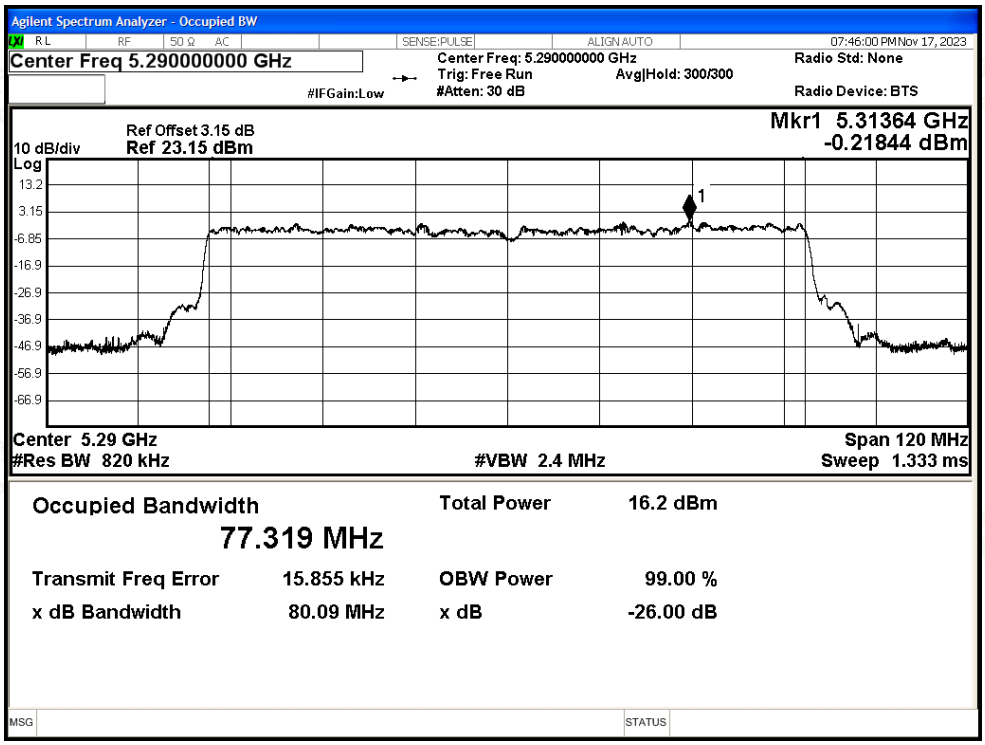


802.11ax OFDMA-(996Tone)

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax80	5290	Ant0	77.319

Test Graphs

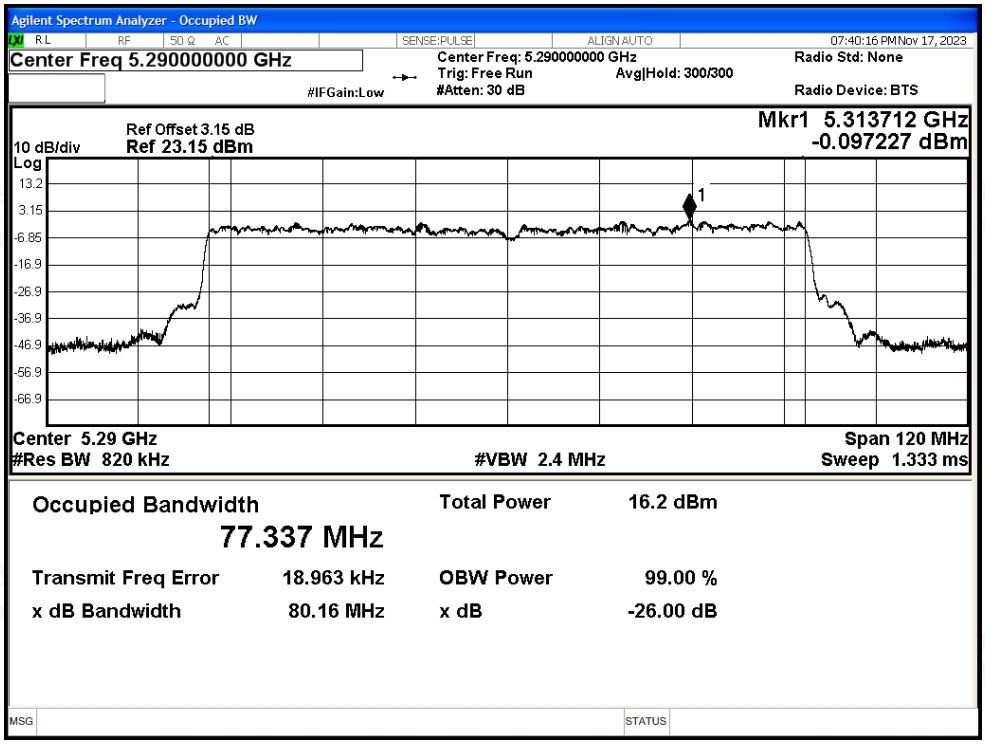
OBW NVNT ax80 5290MHz Ant0



Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax80	5290	Ant1	77.337

Test Graphs

OBW NVNT ax80 5290MHz Ant1



A.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	Ant0	8.42	0	8.42	23.14	Pass
NVNT	a	5300	Ant0	7.92	0	7.92	23.13	Pass
NVNT	a	5320	Ant0	8.83	0	8.83	23.13	Pass
NVNT	n20	5260	Ant0	8.75	0	8.75	23.13	Pass
NVNT	n20	5300	Ant0	8.60	0	8.6	23.13	Pass
NVNT	n20	5320	Ant0	8.67	0	8.67	23.14	Pass
NVNT	n40	5270	Ant0	8.95	0	8.95	24.00	Pass
NVNT	n40	5310	Ant0	8.90	0	8.9	24.00	Pass
NVNT	ac20	5260	Ant0	8.42	0	8.42	23.14	Pass
NVNT	ac20	5300	Ant0	9.05	0	9.05	23.13	Pass
NVNT	ac20	5320	Ant0	8.52	0	8.52	23.14	Pass
NVNT	ac40	5270	Ant0	8.61	0	8.61	24.00	Pass
NVNT	ac40	5310	Ant0	7.96	0	7.96	24.00	Pass
NVNT	ac80	5290	Ant0	7.38	0	7.38	24.00	Pass
NVNT	ax20	5260	Ant0	8.69	0	8.69	23.76	Pass
NVNT	ax20	5300	Ant0	7.69	0	7.69	23.76	Pass
NVNT	ax20	5320	Ant0	8.00	0	8	23.76	Pass
NVNT	ax40	5270	Ant0	7.77	0	7.77	24.00	Pass
NVNT	ax40	5310	Ant0	8.67	0	8.67	24.00	Pass
NVNT	ax80	5290	Ant0	8.54	0	8.54	24.00	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	7.52	0	7.52	23.13	Pass
NVNT	a	5300	Ant1	8.63	0	8.63	23.13	Pass
NVNT	a	5320	Ant1	8.1	0	8.1	23.13	Pass
NVNT	n20	5260	Ant1	8.36	0	8.36	23.13	Pass
NVNT	n20	5300	Ant1	8.35	0	8.35	23.13	Pass
NVNT	n20	5320	Ant1	8.92	0	8.92	23.13	Pass
NVNT	n40	5270	Ant1	8.25	0	8.25	24.00	Pass
NVNT	n40	5310	Ant1	8.99	0	8.99	24.00	Pass
NVNT	ac20	5260	Ant1	7.97	0	7.97	23.13	Pass
NVNT	ac20	5300	Ant1	8.36	0	8.36	23.13	Pass
NVNT	ac20	5320	Ant1	7.82	0	7.82	23.13	Pass
NVNT	ac40	5270	Ant1	8.42	0	8.42	24.00	Pass
NVNT	ac40	5310	Ant1	7.99	0	7.99	24.00	Pass
NVNT	ac80	5290	Ant1	8.71	0	8.71	24.00	Pass
NVNT	ax20	5260	Ant1	7.83	0	7.83	23.76	Pass
NVNT	ax20	5300	Ant1	8.78	0	8.78	23.76	Pass
NVNT	ax20	5320	Ant1	9.29	0	9.29	23.76	Pass
NVNT	ax40	5270	Ant1	7.98	0	7.98	24.00	Pass
NVNT	ax40	5310	Ant1	7.92	0	7.92	24.00	Pass
NVNT	ax80	5290	Ant1	8.74	0	8.74	24.00	Pass

EIRP

Test Mode	Antenna	Frequency[MHz]	Maximum conducted output power [dBm]	Antenna Gain	Report EIRP Power(dBm)	Limit [dBm]	Verdict
a	Ant0	5260	8.42	2.48	10.9	29.14	PASS
		5300	7.92	2.48	10.4	29.13	PASS
		5320	8.83	2.48	11.31	29.13	PASS
n20	Ant0	5260	8.75	2.48	11.23	29.13	PASS
		5300	8.60	2.48	11.08	29.13	PASS
		5320	8.67	2.48	11.15	29.14	PASS
n40	Ant0	5270	8.95	2.48	11.43	30.00	PASS
		5310	8.90	2.48	11.38	30.00	PASS
ac20	Ant0	5260	8.42	2.48	10.9	29.14	PASS
		5300	9.05	2.48	11.53	29.13	PASS
		5320	8.52	2.48	11	29.14	PASS
ac40	Ant0	5270	8.61	2.48	11.09	30.00	PASS
		5310	7.96	2.48	10.44	30.00	PASS
ac80	Ant0	5290	7.38	2.48	9.86	30.00	PASS
ax20	Ant0	5260	8.69	2.48	11.17	29.76	PASS
		5300	7.69	2.48	10.17	29.76	PASS
		5320	8.00	2.48	10.48	29.76	PASS
ax40	Ant0	5270	7.77	2.48	10.25	30.00	PASS
		5310	8.67	2.48	11.15	30.00	PASS
ax80	Ant0	5290	8.54	2.48	11.02	30.00	PASS

Test Mode	Antenna	Frequency[MHz]	Maximum conducted output power [dBm]	Antenna Gain	Report EIRP Power(dBm)	Limit [dBm]	Verdict
a	Ant1	5260	7.52	1.5	9.02	29.13	PASS
		5300	8.63	1.5	10.13	29.13	PASS
		5320	8.1	1.5	9.6	29.13	PASS
n20	Ant1	5260	8.36	1.5	9.86	29.13	PASS
		5300	8.35	1.5	9.85	29.13	PASS
		5320	8.92	1.5	10.42	29.13	PASS
n40	Ant1	5270	8.25	1.5	9.75	30.00	PASS
		5310	8.99	1.5	10.49	30.00	PASS
ac20	Ant1	5260	7.97	1.5	9.47	29.13	PASS
		5300	8.36	1.5	9.86	29.13	PASS
		5320	7.82	1.5	9.32	29.13	PASS
ac40	Ant1	5270	8.42	1.5	9.92	30.00	PASS
		5310	7.99	1.5	9.49	30.00	PASS
ac80	Ant1	5290	8.71	1.5	10.21	30.00	PASS
ax20	Ant1	5260	7.83	1.5	9.33	29.76	PASS
		5300	8.78	1.5	10.28	29.76	PASS
		5320	9.29	1.5	10.79	29.76	PASS
ax40	Ant1	5270	7.98	1.5	9.48	30.00	PASS
		5310	7.92	1.5	9.42	30.00	PASS
ax80	Ant1	5290	8.74	1.5	10.24	30.00	PASS

MIMO

TestMode	Channel	Result[dBm]			Directional Gain (dBi)	EIRP (dBm)	Limit[dBm]	Verdict
		Ant0	Ant1	MIMO				
n20	5260	8.75	8.36	11.57	2.48	14.05	23.13	PASS
	5300	8.6	8.35	11.49	2.48	13.97	23.13	PASS
	5320	8.67	8.92	11.81	2.48	14.29	23.13	PASS
n40	5270	8.95	8.25	11.62	2.48	14.1	24.00	PASS
	5310	8.9	8.99	11.96	2.48	14.44	24.00	PASS
ac20	5260	8.42	7.97	11.21	2.48	13.69	23.13	PASS
	5300	9.05	8.36	11.73	2.48	14.21	23.13	PASS
	5320	8.52	7.82	11.19	2.48	13.67	23.13	PASS
ac40	5270	8.61	8.42	11.53	2.48	14.01	24.00	PASS
	5310	7.96	7.99	10.99	2.48	13.47	24.00	PASS
ac80	5290	7.38	8.71	11.11	2.48	13.59	24.00	PASS
ax20	5260	8.69	7.83	11.29	2.48	13.77	23.76	PASS
	5300	7.69	8.78	11.28	2.48	13.76	23.76	PASS
	5320	8	9.29	11.70	2.48	14.18	23.76	PASS
ax40	5270	7.77	7.98	10.89	2.48	13.37	24.00	PASS
	5310	8.67	7.92	11.32	2.48	13.8	24.00	PASS
ax80	5290	8.54	8.74	11.65	2.48	14.13	24.00	PASS

802.11ax OFDMA(26 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	9.25	23.88	2.48	11.73	29.88	PASS
5300	9.24	23.89	2.48	11.72	29.89	PASS
5320	8.92	23.89	2.48	11.4	29.89	PASS
5270	9.31	23.75	2.48	11.79	29.75	PASS
5310	9.03	23.76	2.48	11.51	29.76	PASS
5290	9.29	23.69	2.48	11.77	29.69	PASS

802.11ax OFDMA(52 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	9.11	24	2.48	11.59	30	PASS
5300	9.43	24	2.48	11.91	30	PASS
5320	8.97	24	2.48	11.45	30	PASS
5270	8.99	24	2.48	11.47	30	PASS
5310	9.03	24	2.48	11.51	30	PASS
5290	9.1	24	2.48	11.58	30	PASS

802.11ax OFDMA(106 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	8.85	24	2.48	11.33	30	PASS
5300	8.84	24	2.48	11.32	30	PASS
5320	8.78	24	2.48	11.26	30	PASS
5270	8.49	24	2.48	10.97	30	PASS
5310	8.98	24	2.48	11.46	30	PASS
5290	8.77	24	2.48	11.25	30	PASS

802.11ax OFDMA(242 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	8.43	24	2.48	10.91	30	PASS
5300	8.77	24	2.48	11.25	30	PASS
5320	8.89	24	2.48	11.37	30	PASS
5270	8.21	24	2.48	10.69	30	PASS
5310	8.75	24	2.48	11.23	30	PASS
5290	8.36	24	2.48	10.84	30	PASS

802.11ax OFDMA(484 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5270	8.58	24	2.48	11.06	30	PASS
5310	9.06	24	2.48	11.54	30	PASS
5290	8.31	24	2.48	10.79	30	PASS

802.11ax OFDMA(996 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5290	8.97	24	2.48	11.45	30	PASS

802.11ax OFDMA(26 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	8.75	23.81	1.5	10.25	29.81	PASS
5300	8.92	24	1.5	10.42	30	PASS
5320	8.99	24	1.5	10.49	30	PASS
5270	8.96	24	1.5	10.46	30	PASS
5310	9.26	24	1.5	10.76	30	PASS
5290	9.14	24	1.5	10.64	30	PASS

802.11ax OFDMA(52 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	9.03	23.84	1.5	10.53	29.84	PASS
5300	9.2	23.84	1.5	10.7	29.84	PASS
5320	8.96	23.82	1.5	10.46	29.82	PASS
5270	9.21	23.77	1.5	10.71	29.77	PASS
5310	8.97	23.76	1.5	10.47	29.76	PASS
5290	9.1	23.73	1.5	10.6	29.73	PASS

802.11ax OFDMA(106 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	9	23.9	1.5	10.5	29.9	PASS
5300	8.83	23.9	1.5	10.33	29.9	PASS
5320	8.87	23.88	1.5	10.37	29.88	PASS
5270	8.45	23.77	1.5	9.95	29.77	PASS
5310	8.95	23.75	1.5	10.45	29.75	PASS
5290	8.68	23.72	1.5	10.18	29.72	PASS

802.11ax OFDMA(242 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5260	8.5	23.87	1.5	10	29.87	PASS
5300	8.77	23.86	1.5	10.27	29.86	PASS
5320	8.92	23.87	1.5	10.42	29.87	PASS
5270	8.25	23.77	1.5	9.75	29.77	PASS
5310	8.71	23.76	1.5	10.21	29.76	PASS
5290	8.4	23.71	1.5	9.9	29.71	PASS

802.11ax OFDMA(484 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5270	8.59	23.69	1.5	10.09	29.69	PASS
5310	9.02	23.7	1.5	10.52	29.7	PASS
5290	8.24	24	1.5	9.74	30	PASS

802.11ax OFDMA(996 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
5290	9.04	24	1.5	10.54	30	PASS

802.11ax OFDMA(26 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1					
5260	9.25	8.75	12.02	23.81	2.48	14.5	29.81	PASS
5300	9.24	8.92	12.09	23.89	2.48	14.57	29.89	PASS
5320	8.92	8.99	11.97	23.89	2.48	14.45	29.89	PASS
5270	9.31	8.96	12.15	23.75	2.48	14.63	29.75	PASS
5310	9.03	9.26	12.16	23.76	2.48	14.64	29.76	PASS
5290	9.29	9.14	12.23	23.69	2.48	14.71	29.69	PASS

802.11ax OFDMA(52 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1					
5260	9.11	9.03	12.08	23.84	2.48	14.56	29.84	PASS
5300	9.43	9.2	12.33	23.84	2.48	14.81	29.84	PASS
5320	8.97	8.96	11.98	23.82	2.48	14.46	29.82	PASS
5270	8.99	9.21	12.11	23.75	2.48	14.59	29.77	PASS
5310	9.03	8.97	12.01	23.76	2.48	14.49	29.76	PASS
5290	9.1	9.1	12.11	23.69	2.48	14.59	29.73	PASS

802.11ax OFDMA(106 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1					
5260	8.85	9	11.94	23.9	2.48	14.42	29.9	PASS
5300	8.84	8.83	11.85	23.9	2.48	14.33	29.9	PASS
5320	8.78	8.87	11.84	23.88	2.48	14.32	29.88	PASS
5270	8.49	8.45	11.48	23.77	2.48	13.96	29.77	PASS
5310	8.98	8.95	11.98	23.75	2.48	14.46	29.75	PASS
5290	8.77	8.68	11.74	23.72	2.48	14.22	29.72	PASS

802.11ax OFDMA(242 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1					
5260	8.43	8.5	11.48	23.87	2.48	13.96	29.87	PASS
5300	8.77	8.77	11.78	23.86	2.48	14.26	29.86	PASS
5320	8.89	8.92	11.92	23.87	2.48	14.4	29.87	PASS
5270	8.21	8.25	11.24	23.77	2.48	13.72	29.77	PASS
5310	8.75	8.71	11.74	23.76	2.48	14.22	29.76	PASS
5290	8.36	8.4	11.39	23.71	2.48	13.87	29.71	PASS

802.11ax OFDMA(484 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1					
5270	8.58	8.59	11.60	23.69	2.48	14.08	29.69	PASS
5310	9.06	9.02	12.05	23.7	2.48	14.53	29.7	PASS
5290	8.31	8.24	11.29	24	2.48	13.77	30	PASS

802.11ax OFDMA(996 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Antenna Gain	Max EIRP [dBm]	Max EIRP Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1					
5290	8.97	9.04	12.02	24	2.48	14.5	30	PASS

A.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant0	-4.13	0	-4.13	11	Pass
NVNT	a	5300	Ant0	-4.62	0	-4.62	11	Pass
NVNT	a	5320	Ant0	-3.74	0	-3.74	11	Pass
NVNT	n20	5260	Ant0	-3.89	0	-3.89	11	Pass
NVNT	n20	5300	Ant0	-3.71	0	-3.71	11	Pass
NVNT	n20	5320	Ant0	-2.55	0	-2.55	11	Pass
NVNT	n40	5270	Ant0	-7.48	0	-7.48	11	Pass
NVNT	n40	5310	Ant0	-6.76	0	-6.76	11	Pass
NVNT	ac20	5260	Ant0	-4.21	0	-4.21	11	Pass
NVNT	ac20	5300	Ant0	-3.34	0	-3.34	11	Pass
NVNT	ac20	5320	Ant0	-3.92	0	-3.92	11	Pass
NVNT	ac40	5270	Ant0	-7.45	0	-7.45	11	Pass
NVNT	ac40	5310	Ant0	-7.89	0	-7.89	11	Pass
NVNT	ac80	5290	Ant0	-11.42	0	-11.42	11	Pass
NVNT	ax20	5260	Ant0	-4.48	0	-4.48	11	Pass
NVNT	ax20	5300	Ant0	-5.51	0	-5.51	11	Pass
NVNT	ax20	5320	Ant0	-4.89	0	-4.89	11	Pass
NVNT	ax40	5270	Ant0	-8.31	0	-8.31	11	Pass
NVNT	ax40	5310	Ant0	-7.19	0	-7.19	11	Pass
NVNT	ax80	5290	Ant0	-10.07	0	-10.07	11	Pass

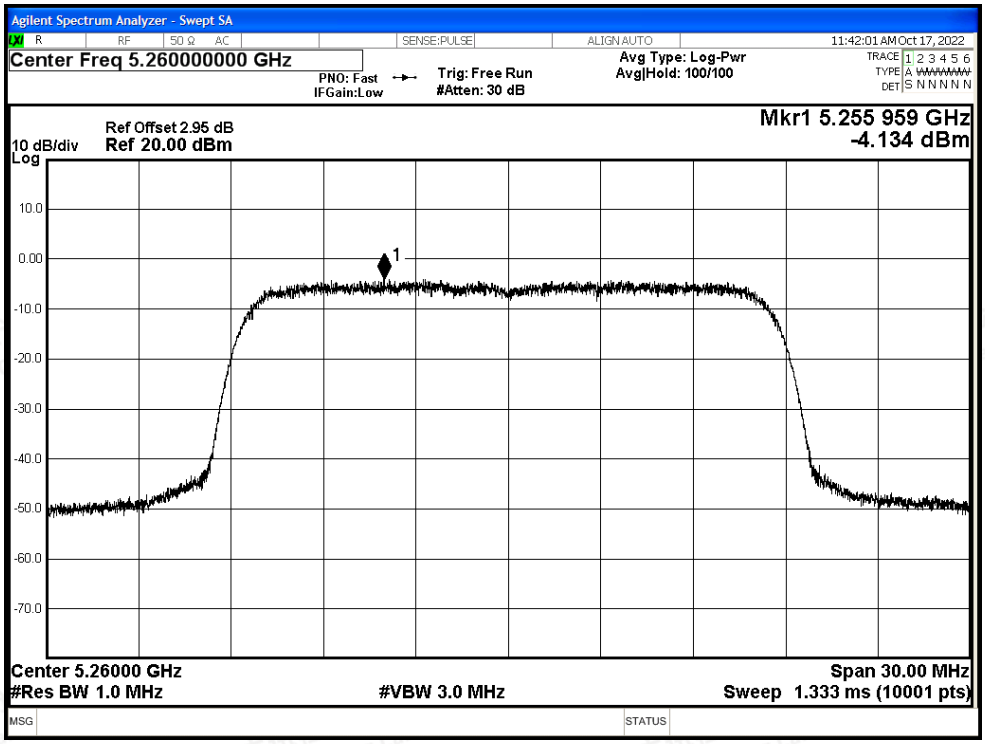
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	Ant1	-4.76	0	-4.76	11	Pass
NVNT	a	5300	Ant1	-3.82	0	-3.82	11	Pass
NVNT	a	5320	Ant1	-4.05	0	-4.05	11	Pass
NVNT	n20	5260	Ant1	-4.24	0	-4.24	11	Pass
NVNT	n20	5300	Ant1	-4.29	0	-4.29	11	Pass
NVNT	n20	5320	Ant1	-3.48	0	-3.48	11	Pass
NVNT	n40	5270	Ant1	-7.66	0	-7.66	11	Pass
NVNT	n40	5310	Ant1	-6.82	0	-6.82	11	Pass
NVNT	ac20	5260	Ant1	-4.6	0	-4.6	11	Pass
NVNT	ac20	5300	Ant1	-4.24	0	-4.24	11	Pass
NVNT	ac20	5320	Ant1	-4.6	0	-4.6	11	Pass
NVNT	ac40	5270	Ant1	-7.35	0	-7.35	11	Pass
NVNT	ac40	5310	Ant1	-8.02	0	-8.02	11	Pass
NVNT	ac80	5290	Ant1	-9.81	0	-9.81	11	Pass
NVNT	ax20	5260	Ant1	-4.93	0	-4.93	11	Pass
NVNT	ax20	5300	Ant1	-4.33	0	-4.33	11	Pass
NVNT	ax20	5320	Ant1	-3.74	0	-3.74	11	Pass
NVNT	ax40	5270	Ant1	-7.73	0	-7.73	11	Pass
NVNT	ax40	5310	Ant1	-8.1	0	-8.1	11	Pass
NVNT	ax80	5290	Ant1	-9.77	0	-9.77	11	Pass

MIMO

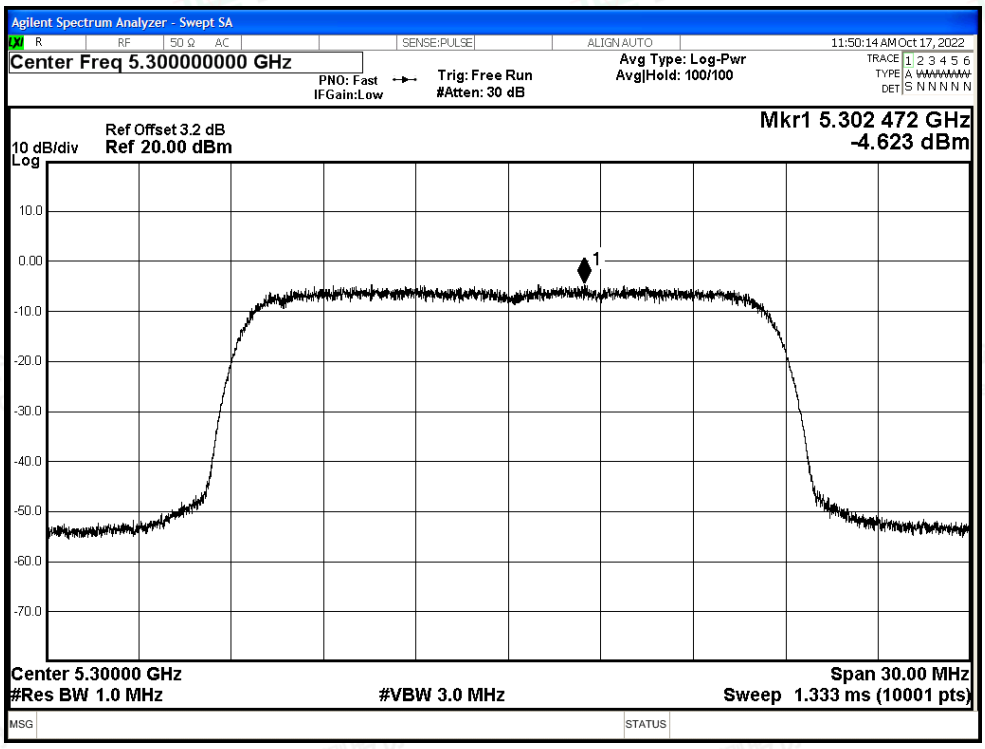
TestMode	Channel	Result [dBm/MHz]			Limit[dBm/MHz]	Verdict
		Ant0	Ant1	MIMO		
n20	5260	-3.89	-4.24	-1.05	≤11.00	PASS
	5300	-3.71	-4.29	-0.98	≤11.00	PASS
	5320	-2.55	-3.48	0.02	≤11.00	PASS
n40	5270	-7.48	-7.66	-4.56	≤11.00	PASS
	5310	-6.76	-6.82	-3.78	≤11.00	PASS
ac20	5260	-4.21	-4.6	-1.39	≤11.00	PASS
	5300	-3.34	-4.24	-0.76	≤11.00	PASS
	5320	-3.92	-4.6	-1.24	≤11.00	PASS
ac40	5270	-7.45	-7.35	-4.39	≤11.00	PASS
	5310	-7.89	-8.02	-4.94	≤11.00	PASS
ac80	5290	-11.42	-9.81	-7.53	≤11.00	PASS
ax20	5260	-4.48	-4.93	-1.69	≤11.00	PASS
	5300	-5.51	-4.33	-1.87	≤11.00	PASS
	5320	-4.89	-3.74	-1.27	≤11.00	PASS
ax40	5270	-8.31	-7.73	-5.00	≤11.00	PASS
	5310	-7.19	-8.1	-4.61	≤11.00	PASS
ax80	5290	-10.07	-9.77	-6.91	≤11.00	PASS

Test Graphs

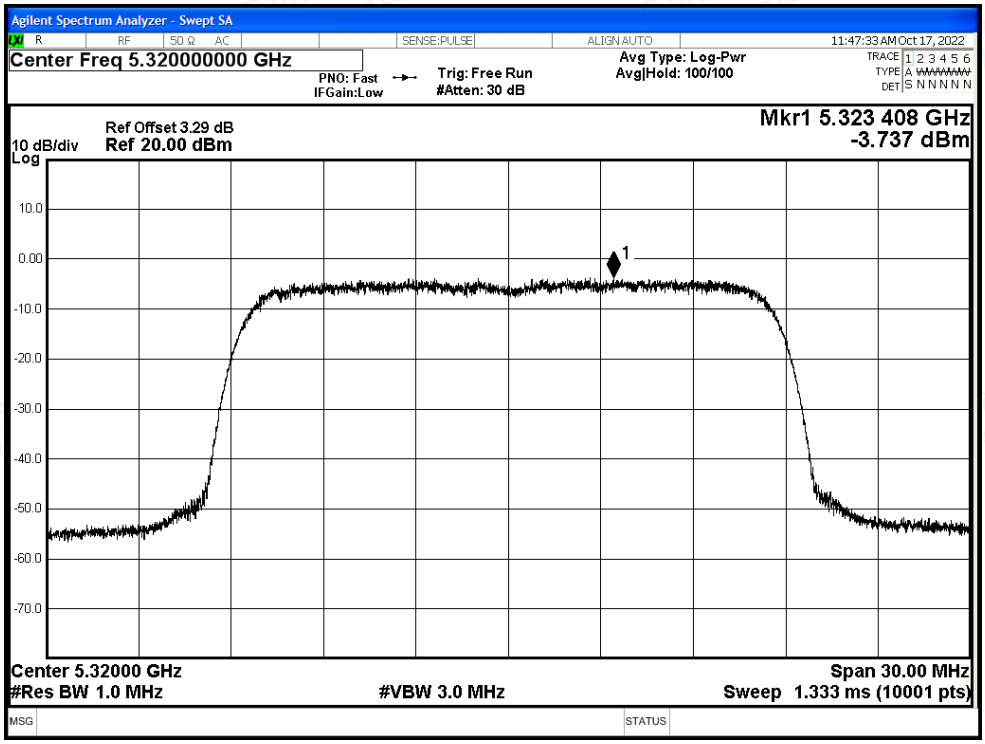
PSD NVNT a 5260MHz Ant0



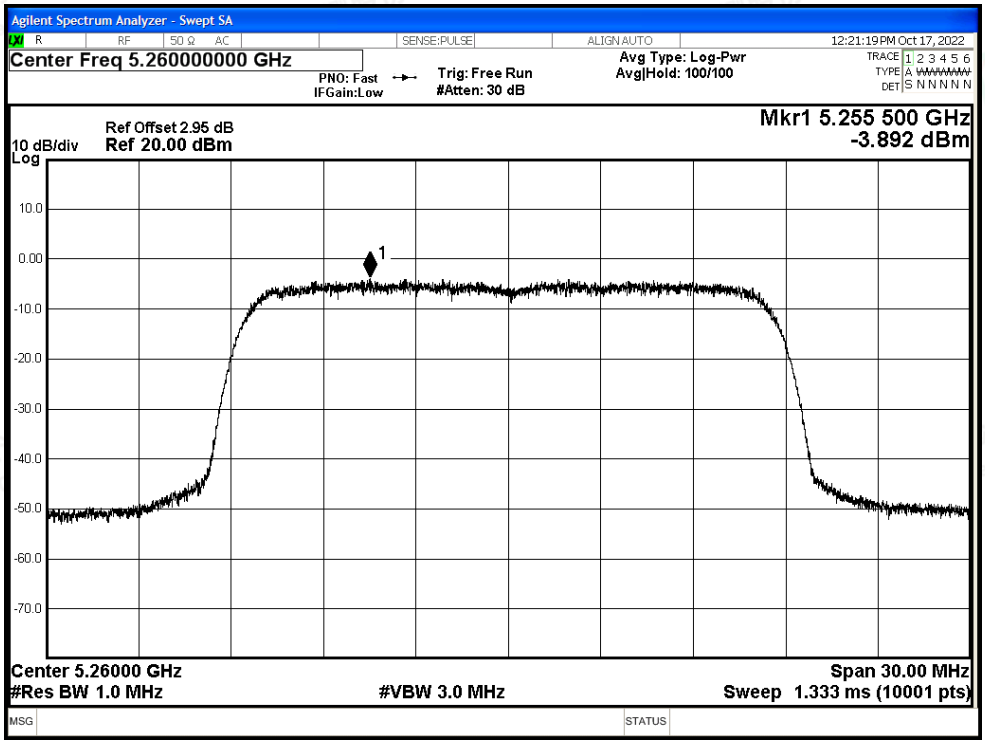
PSD NVNT a 5300MHz Ant0



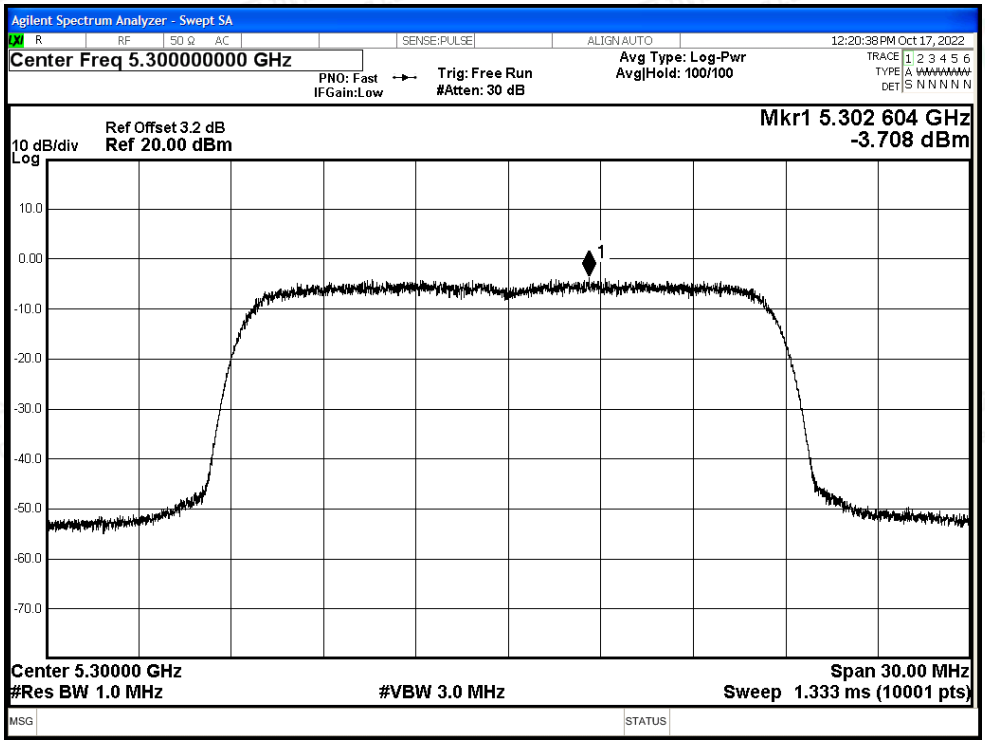
PSD NVNT a 5320MHz Ant0



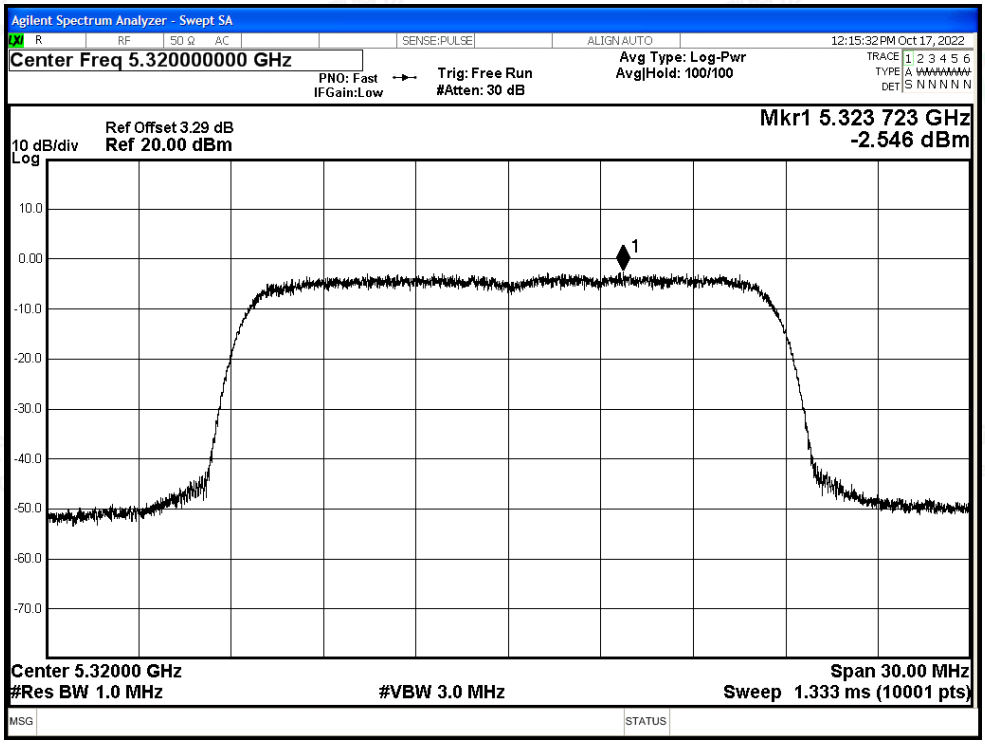
PSD NVNT n20 5260MHz Ant0



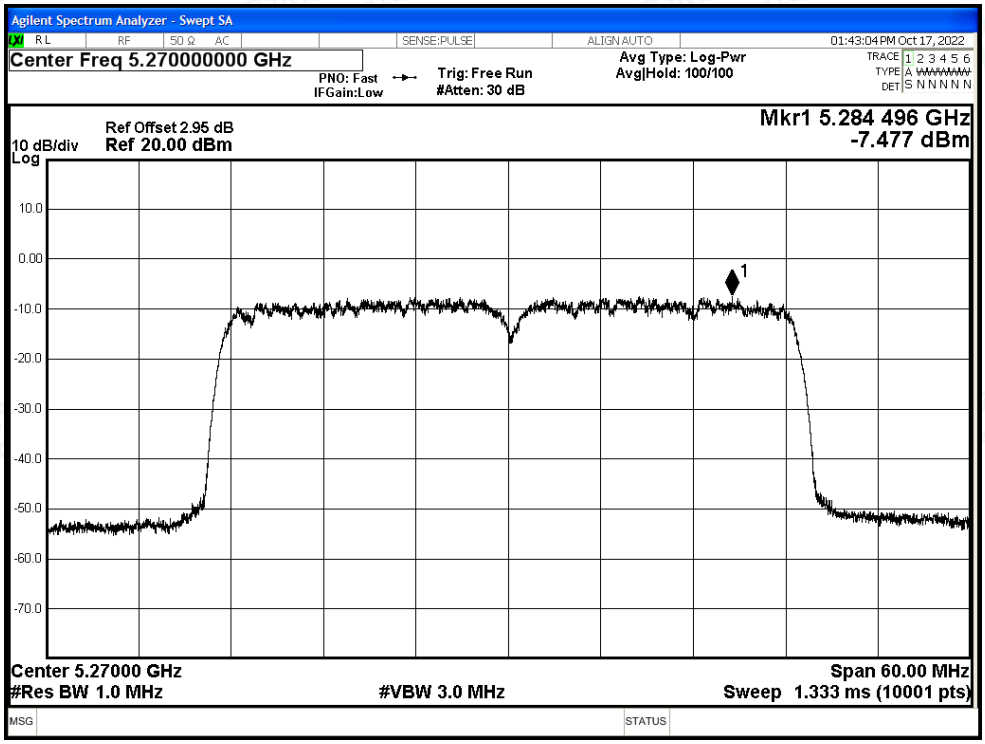
PSD NVNT n20 5300MHz Ant0



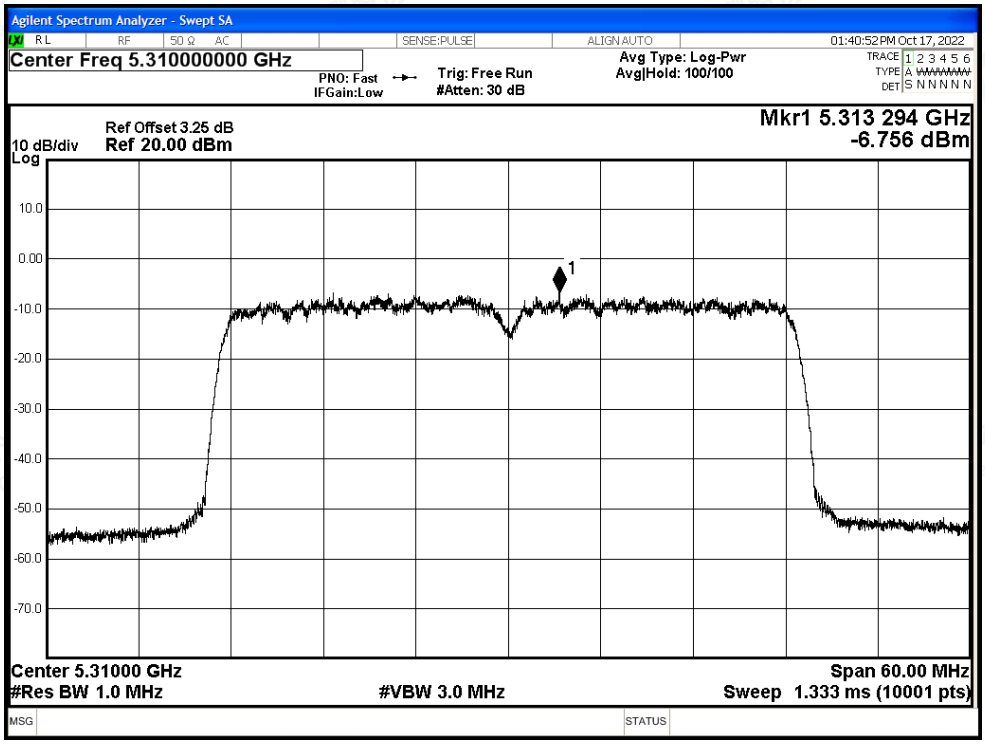
PSD NVNT n20 5320MHz Ant0



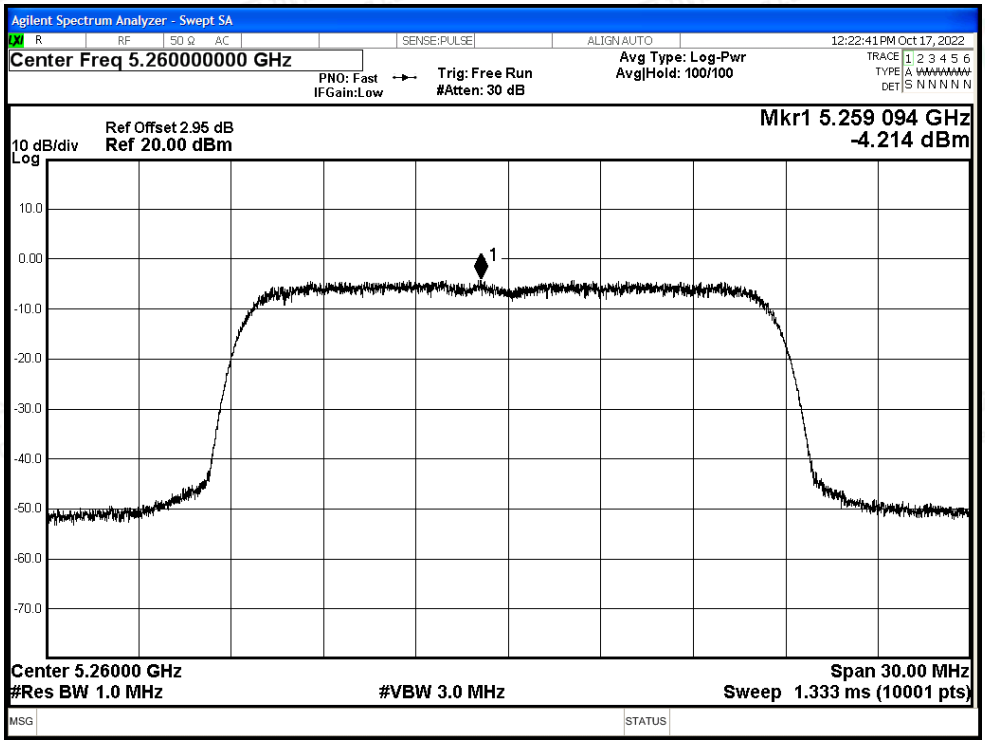
PSD NVNT n40 5270MHz Ant0



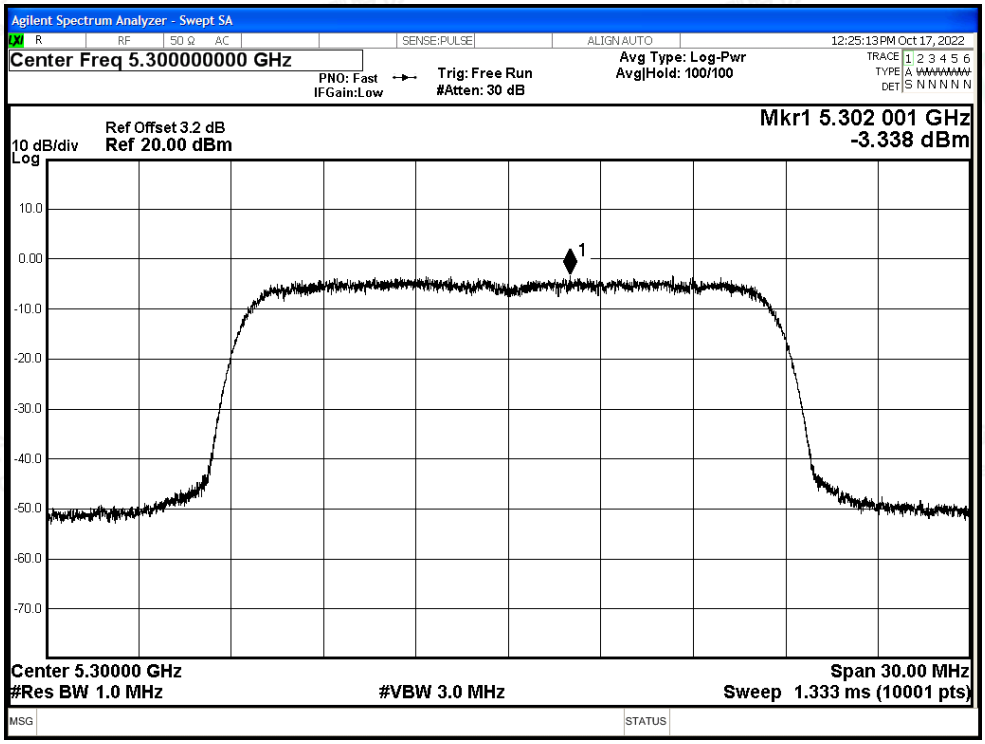
PSD NVNT n40 5310MHz Ant0



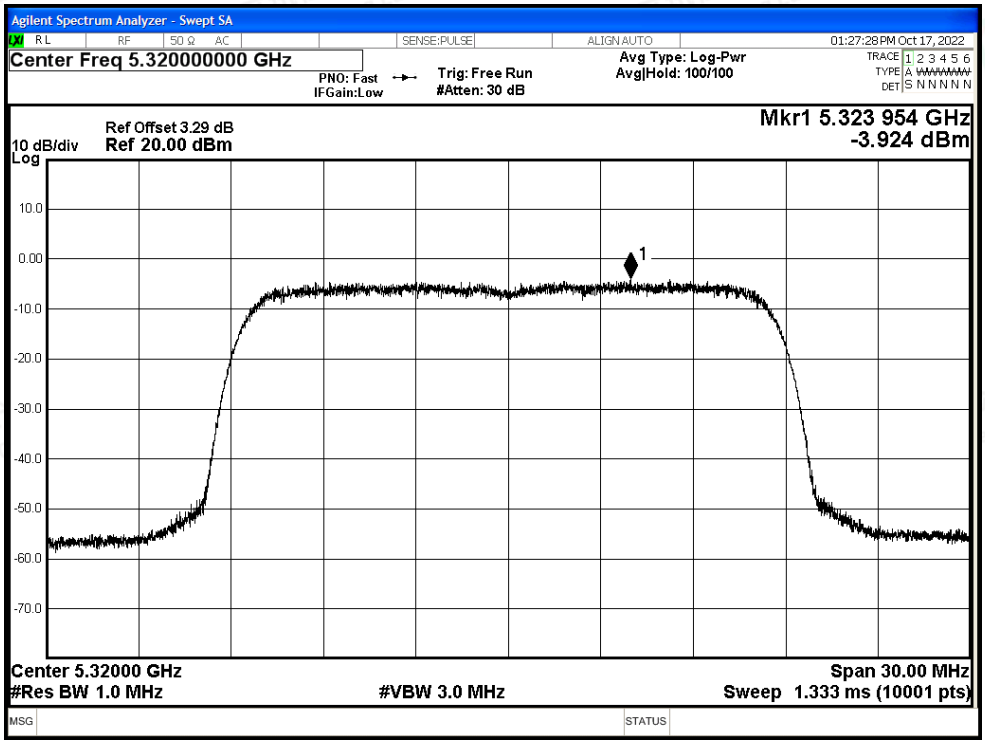
PSD NVNT ac20 5260MHz Ant0



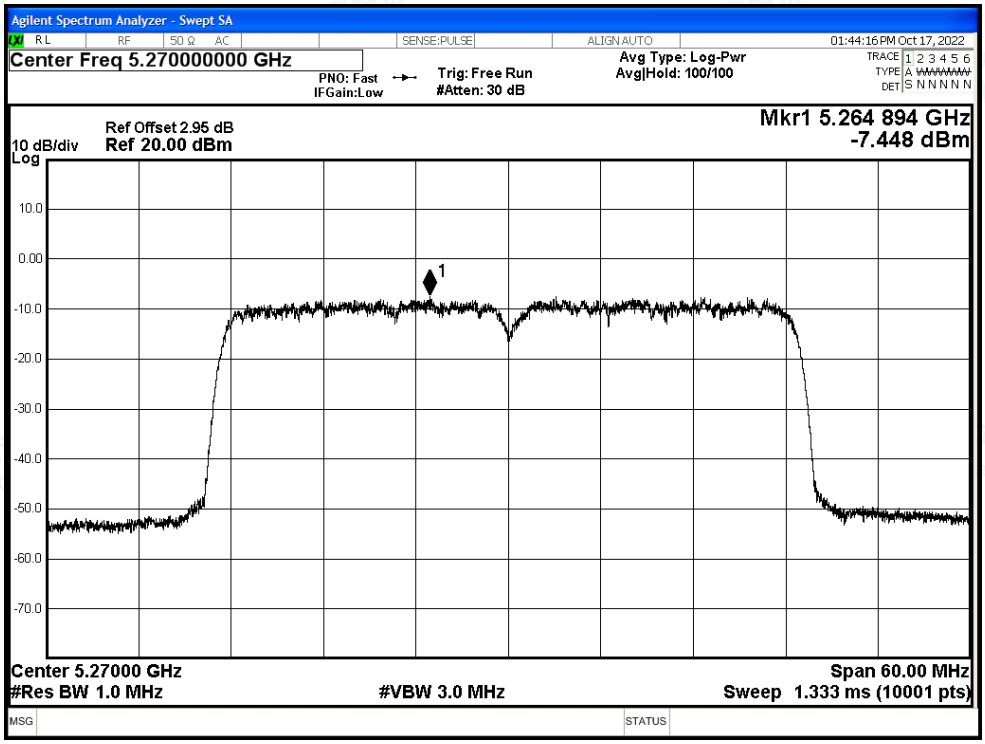
PSD NVNT ac20 5300MHz Ant0



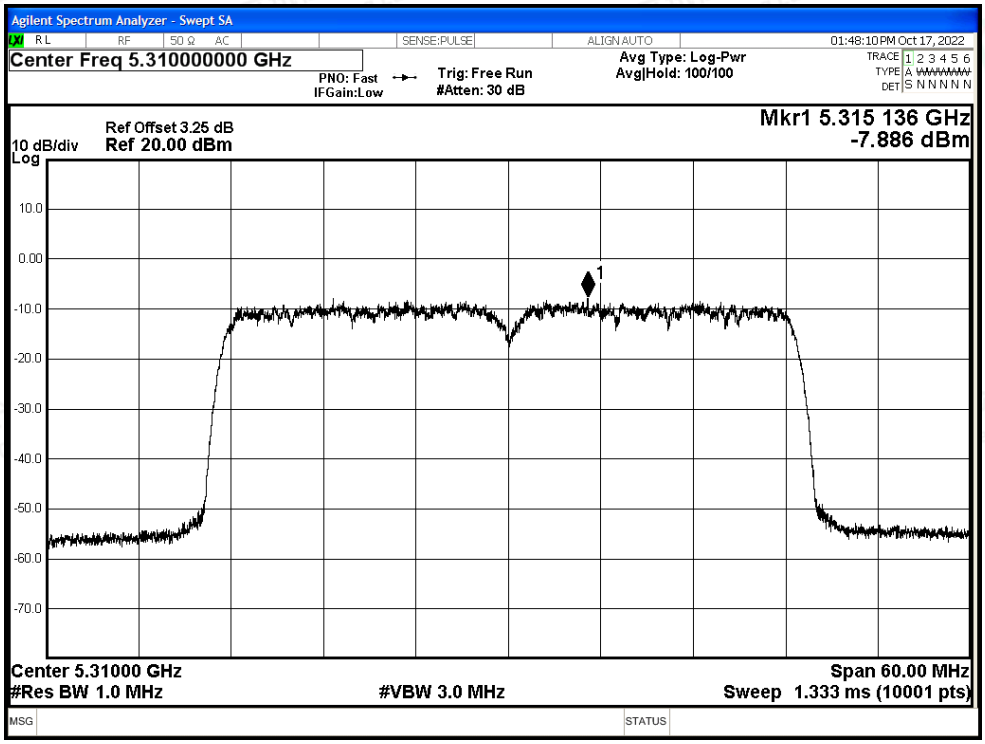
PSD NVNT ac20 5320MHz Ant0



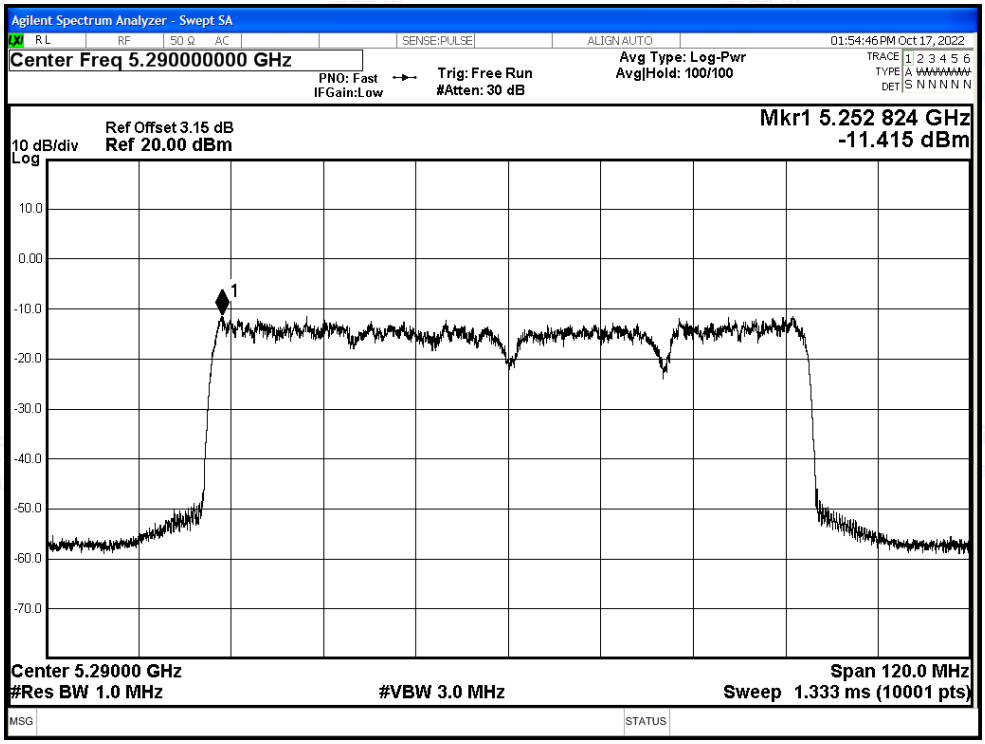
PSD NVNT ac40 5270MHz Ant0



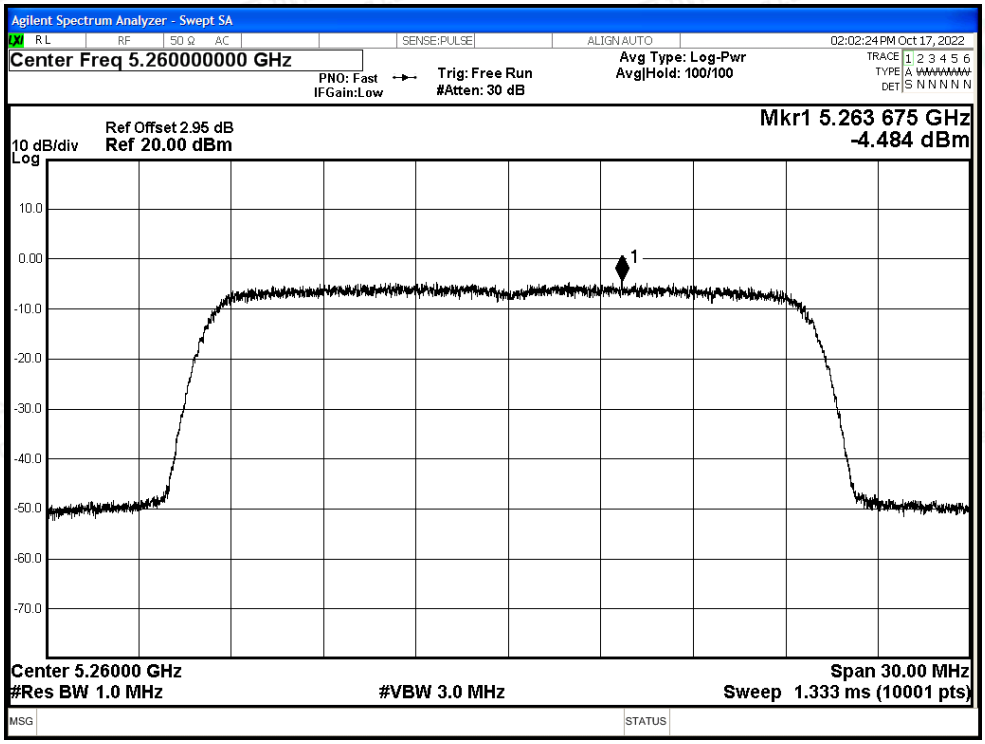
PSD NVNT ac40 5310MHz Ant0



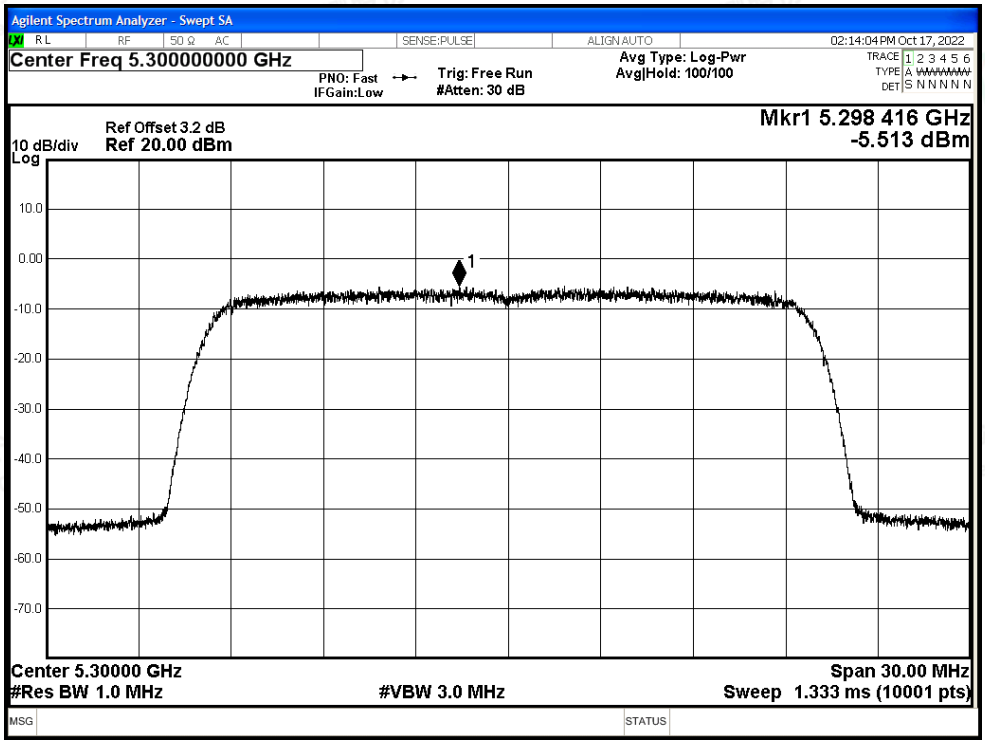
PSD NVNT ac80 5290MHz Ant0



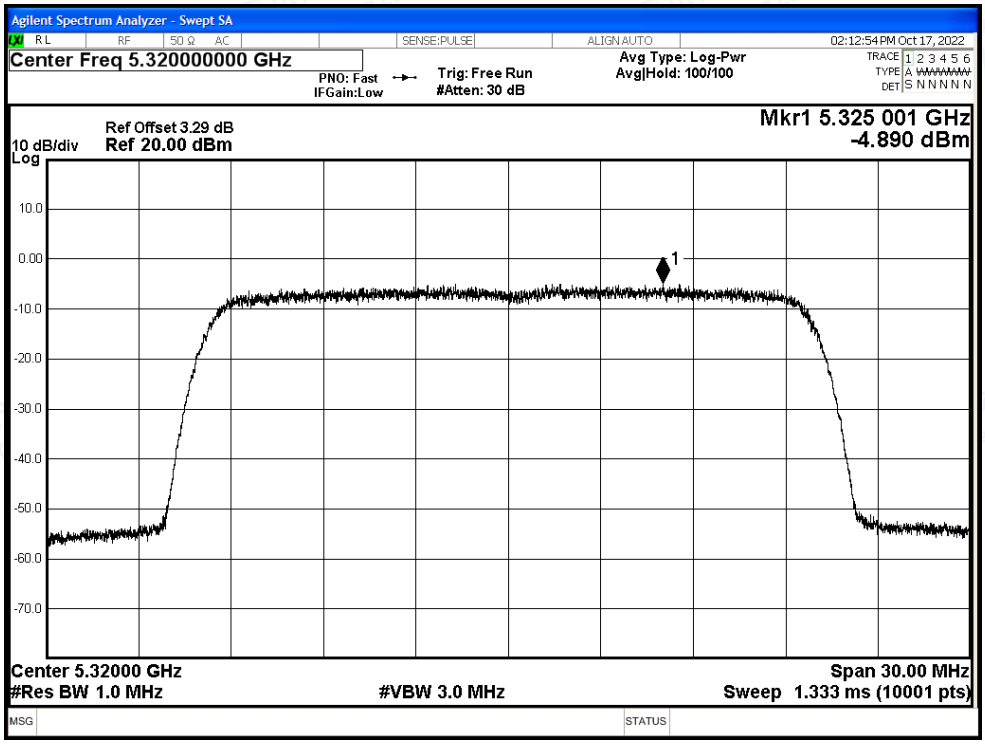
PSD NVNT ax20 5260MHz Ant0



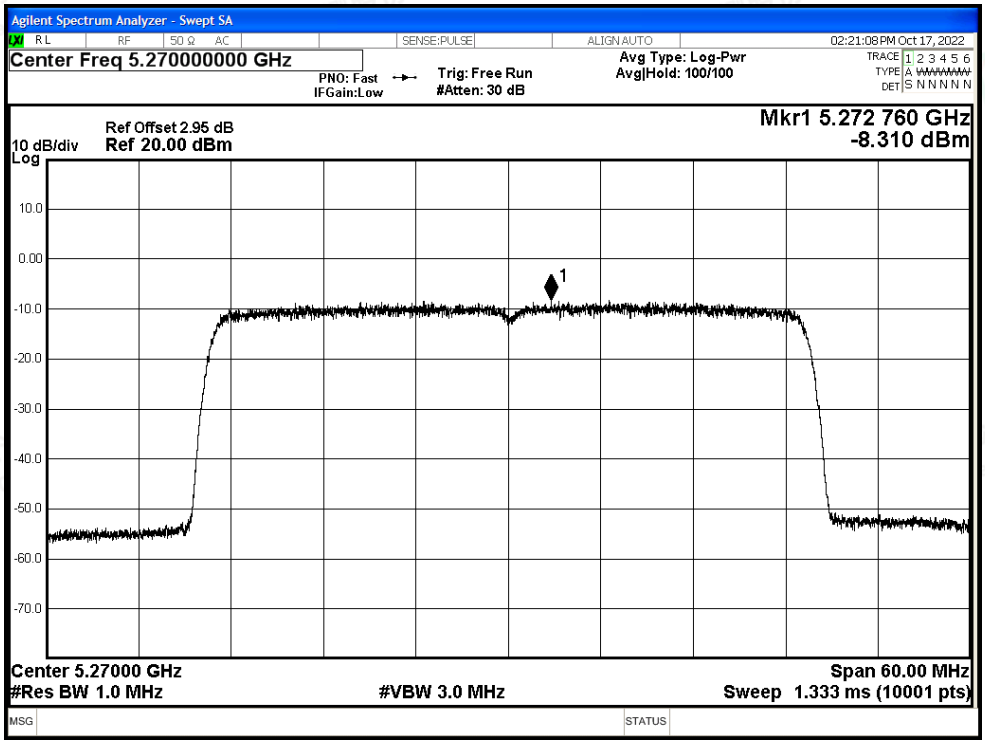
PSD NVNT ax20 5300MHz Ant0



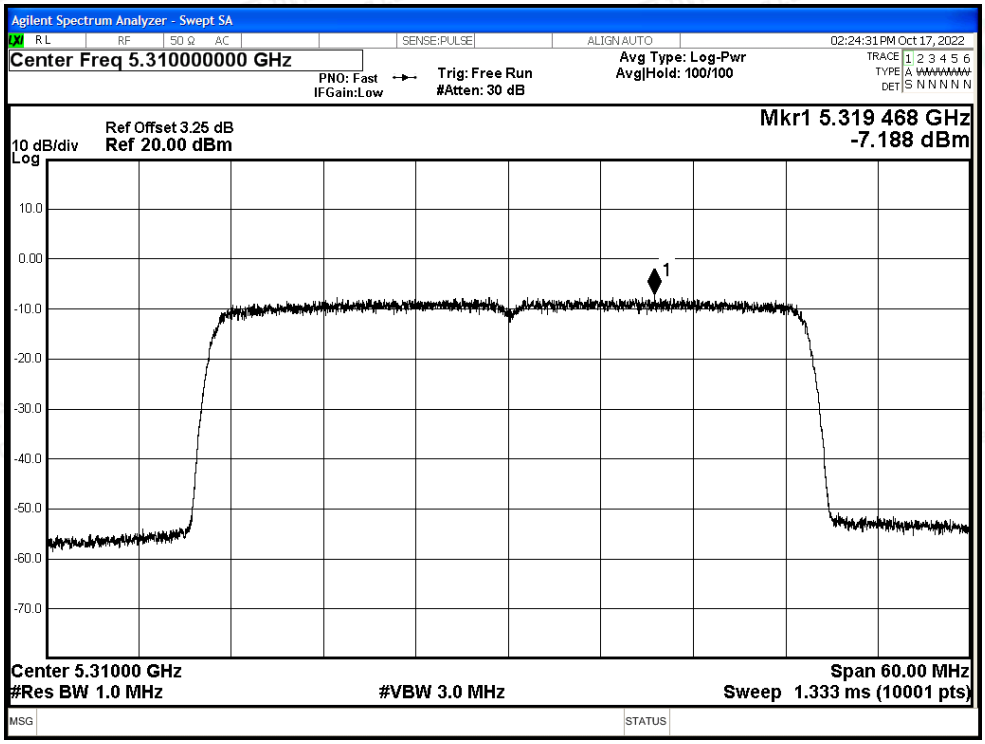
PSD NVNT ax20 5320MHz Ant0



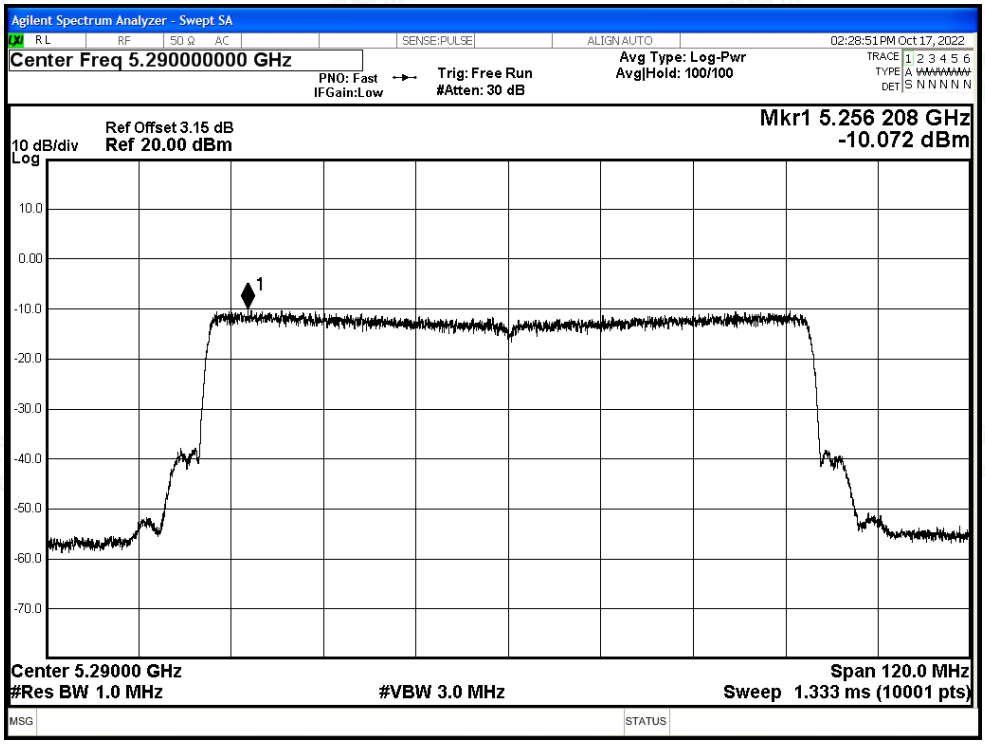
PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5310MHz Ant0

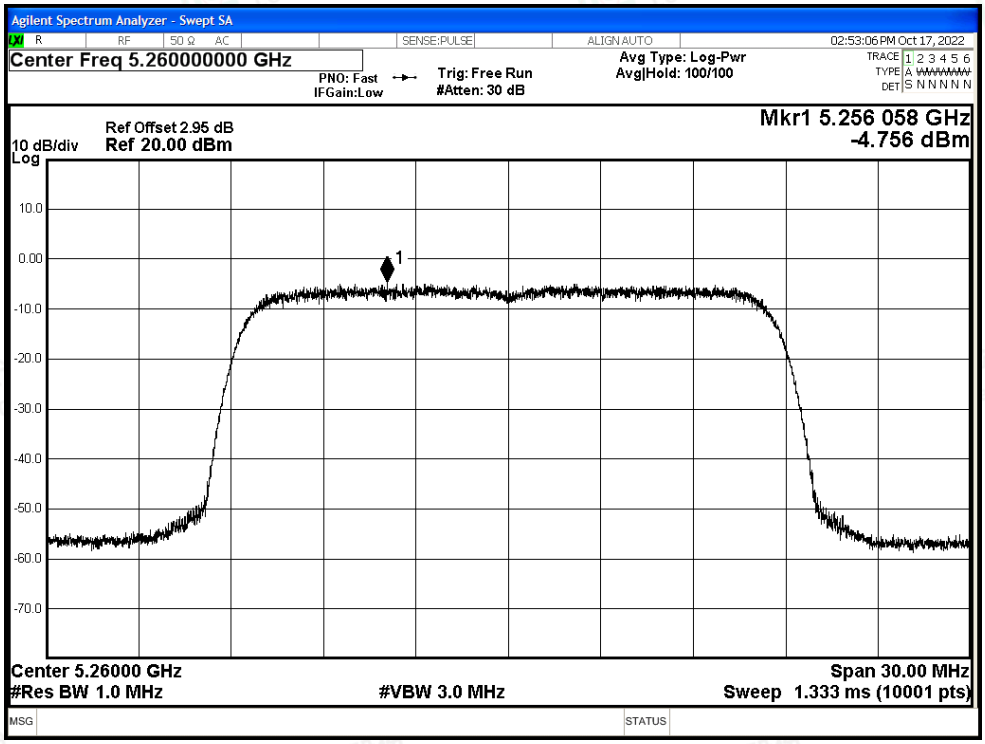


PSD NVNT ax80 5290MHz Ant0

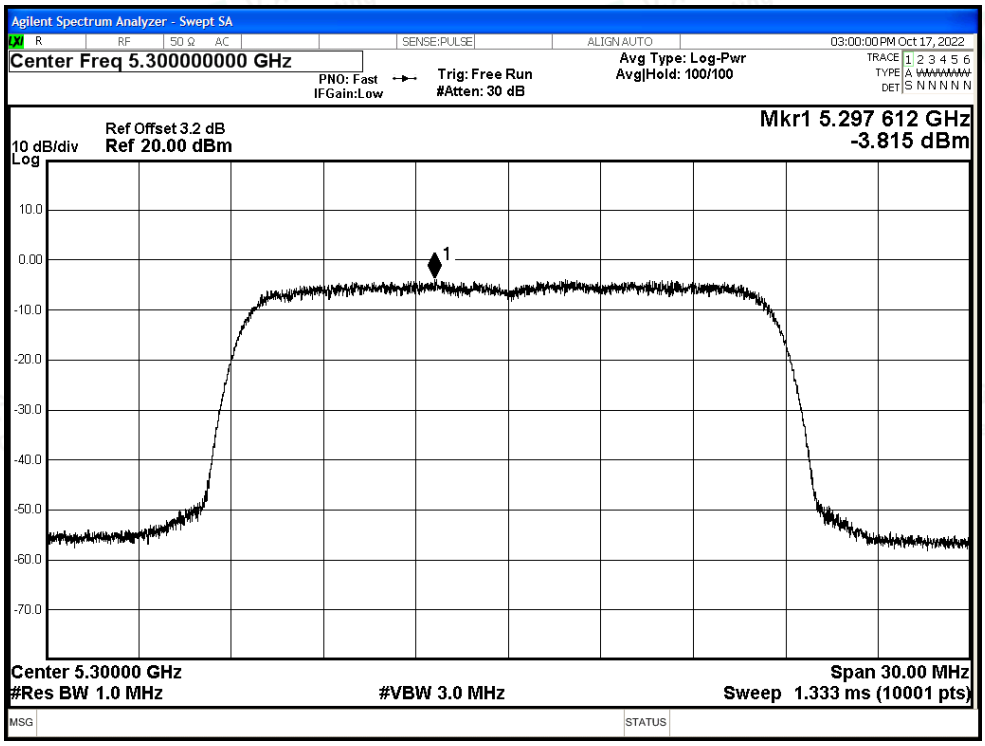


Test Graphs

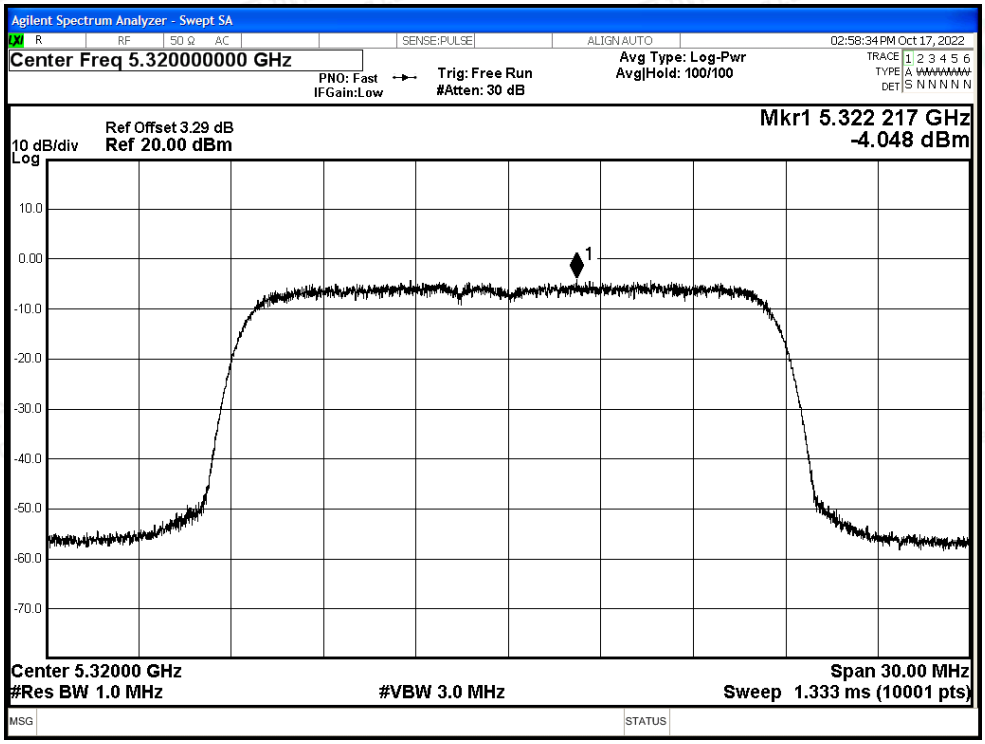
PSD NVNT a 5260MHz Ant1



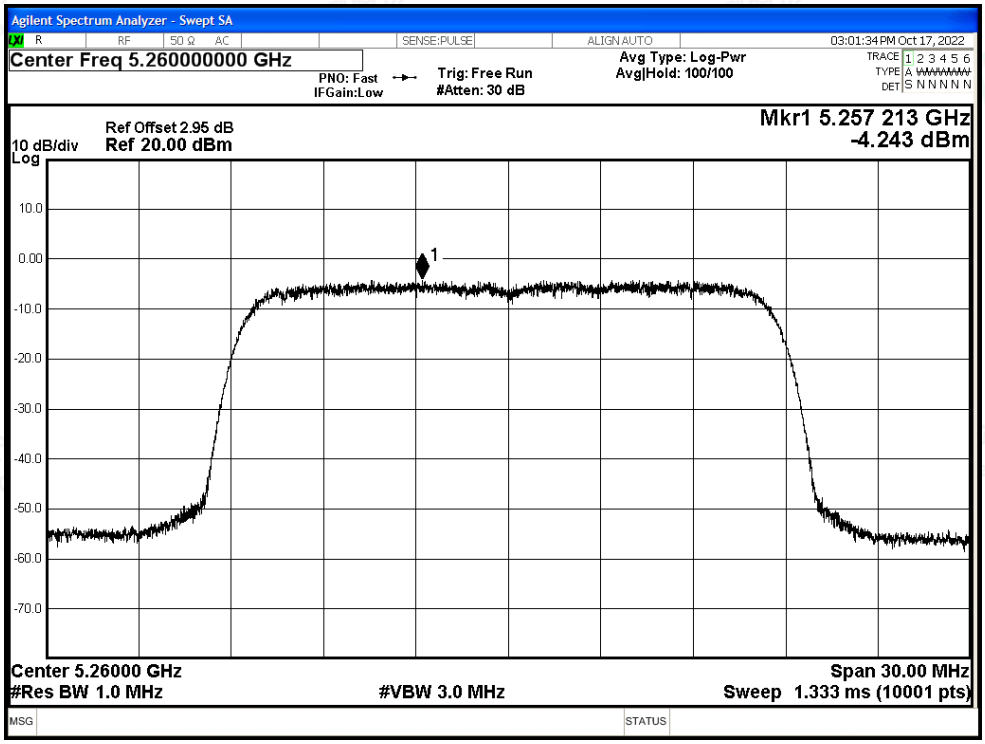
PSD NVNT a 5300MHz Ant1



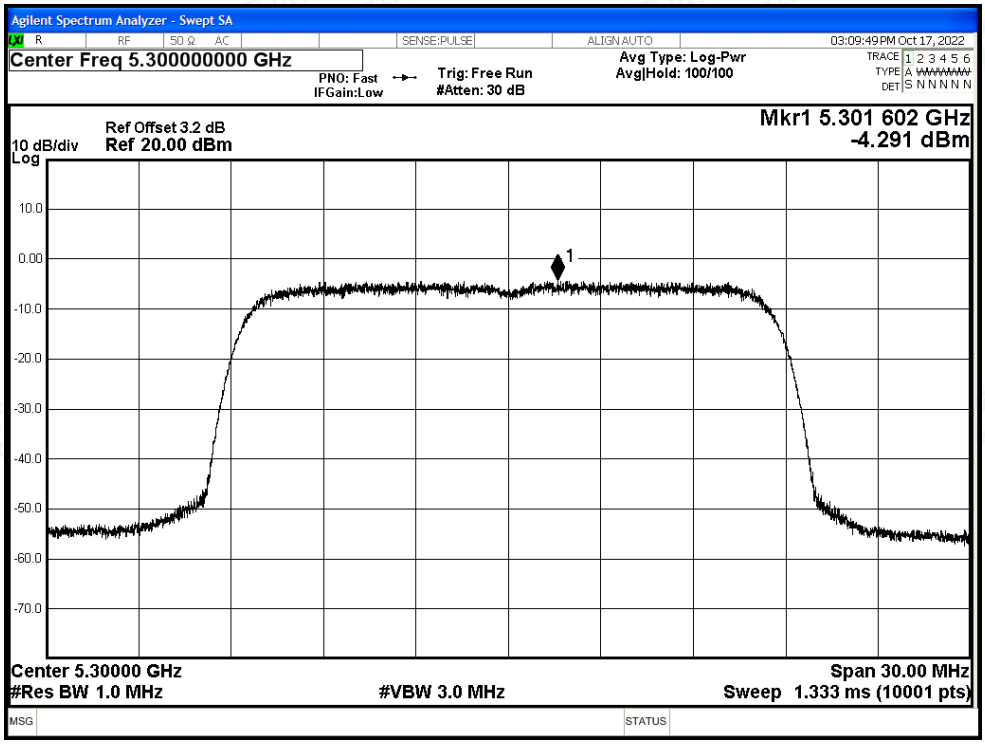
PSD NVNT a 5320MHz Ant1



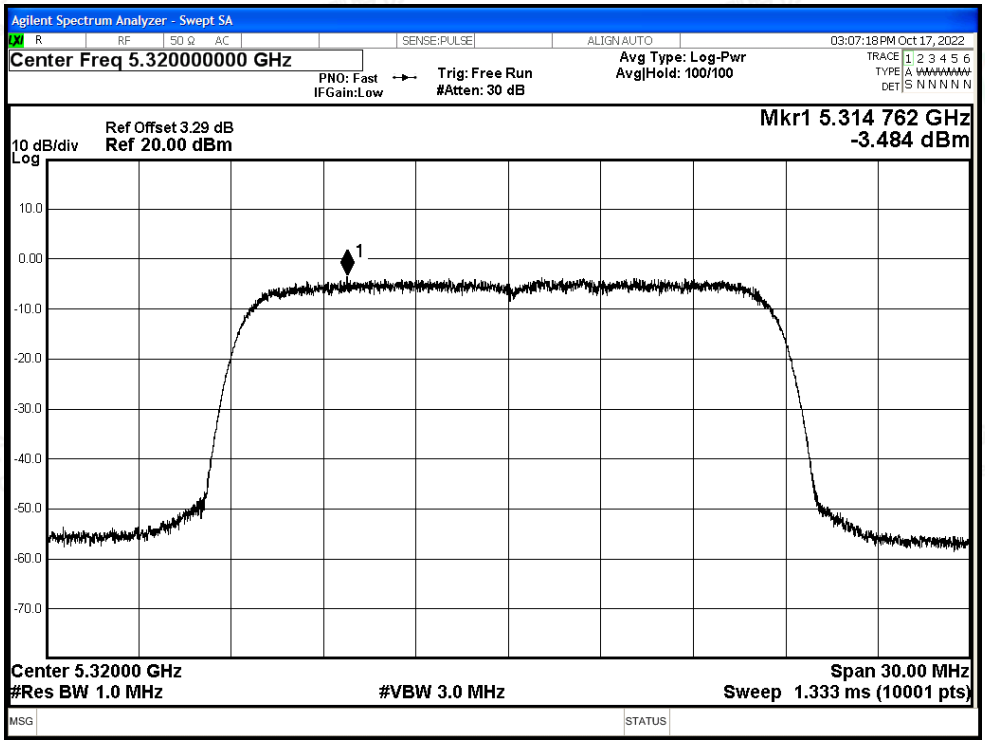
PSD NVNT n20 5260MHz Ant1



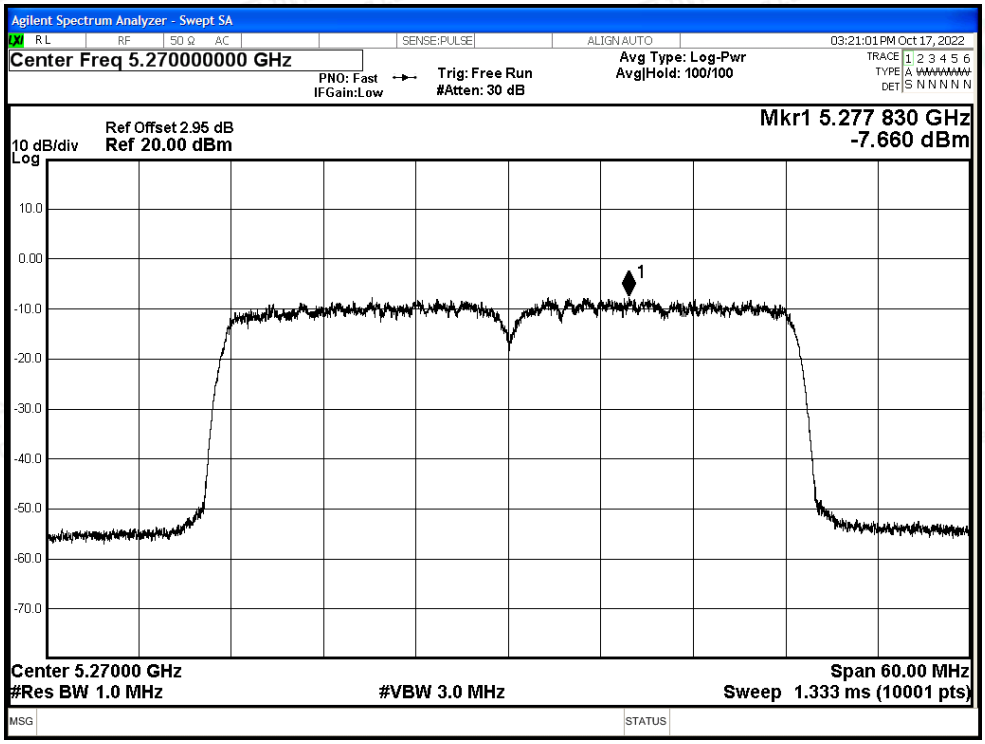
PSD NVNT n20 5300MHz Ant1



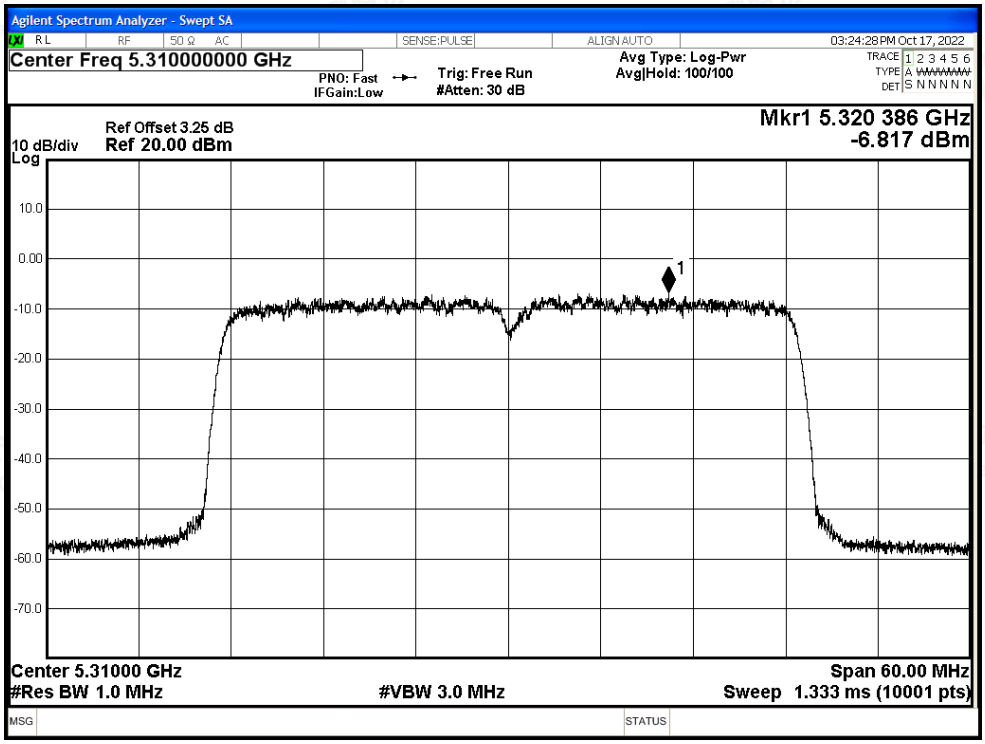
PSD NVNT n20 5320MHz Ant1



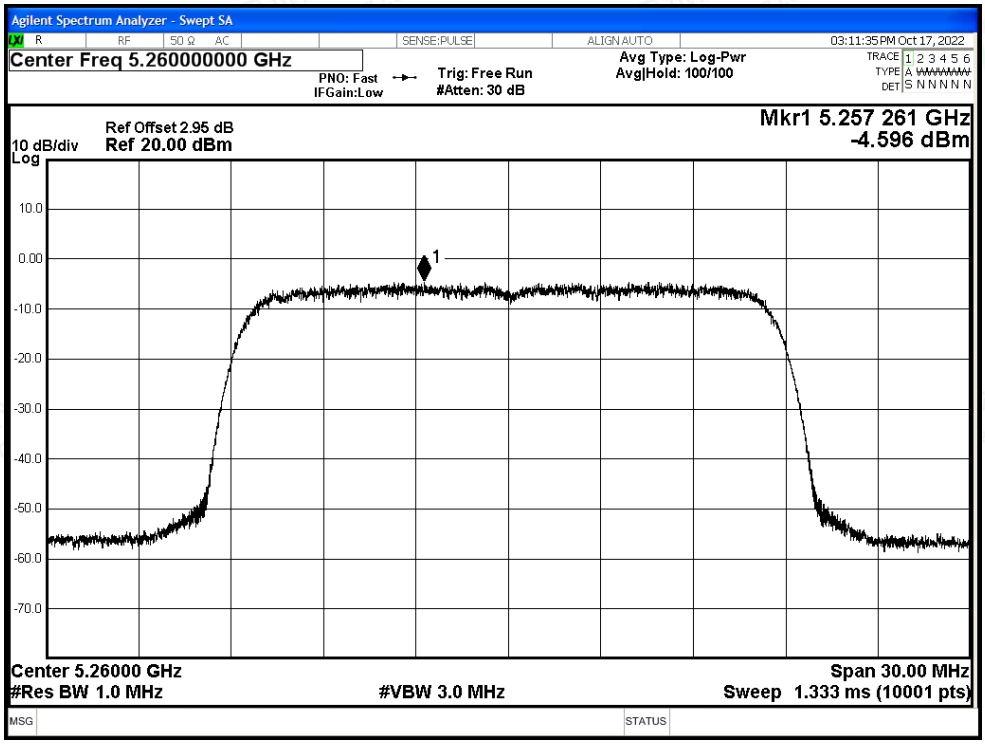
PSD NVNT n40 5270MHz Ant1



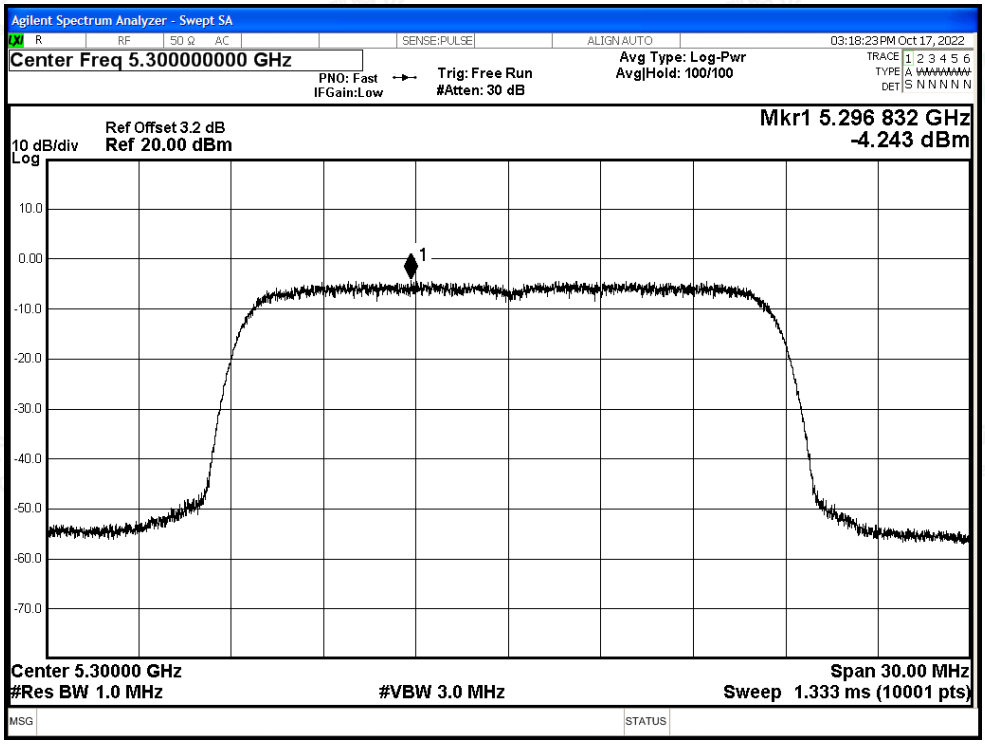
PSD NVNT n40 5310MHz Ant1



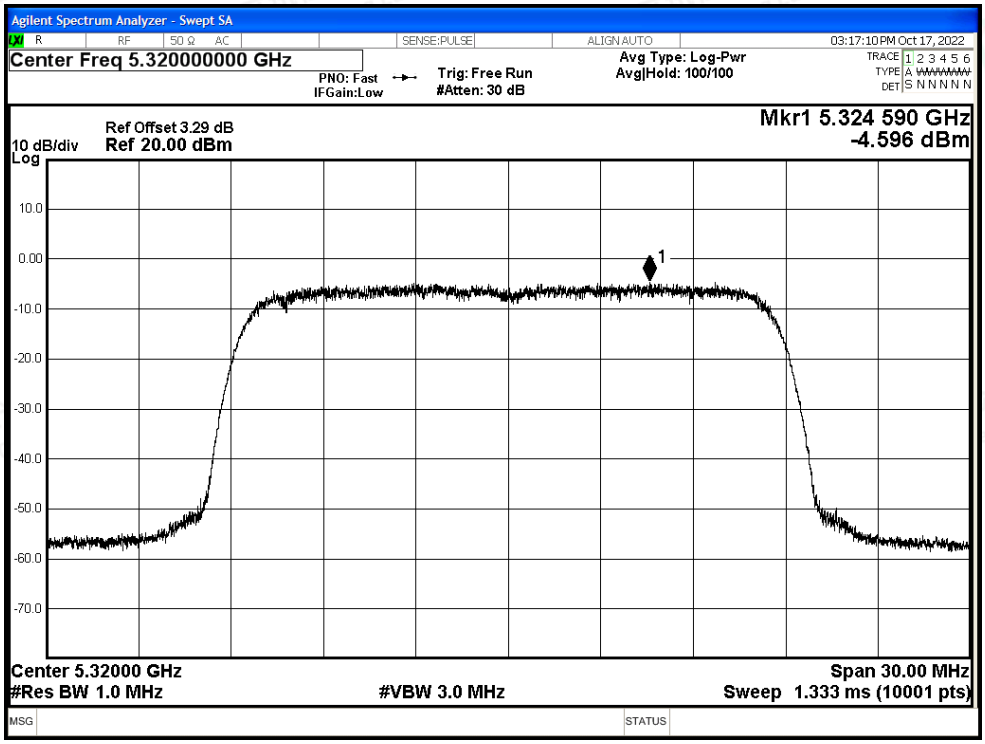
PSD NVNT ac20 5260MHz Ant1



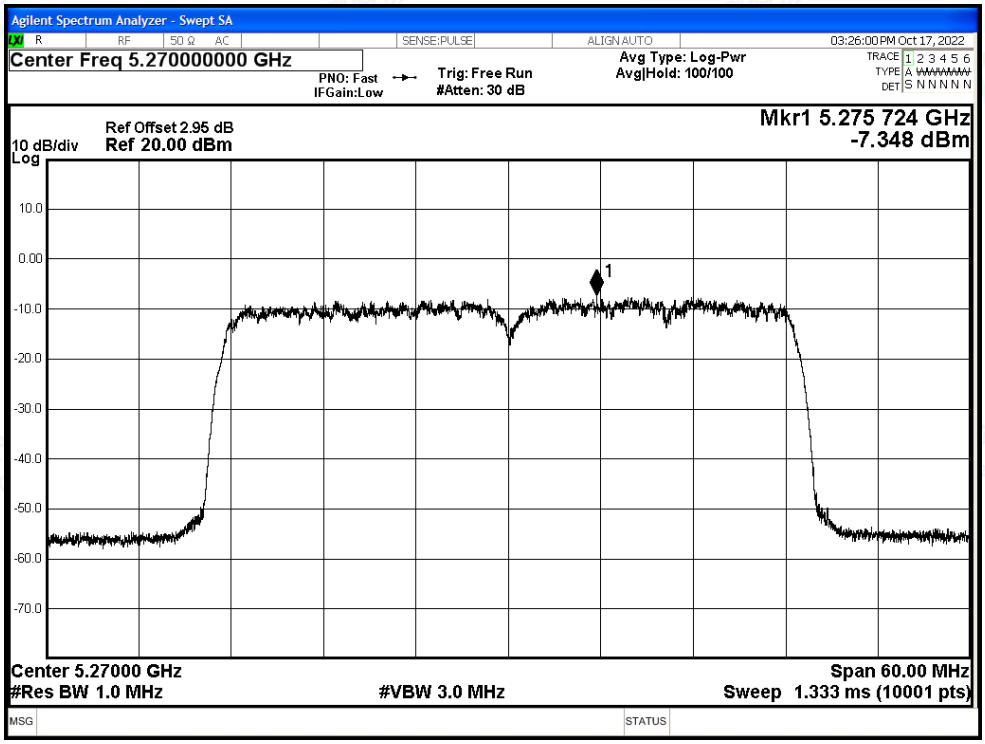
PSD NVNT ac20 5300MHz Ant1



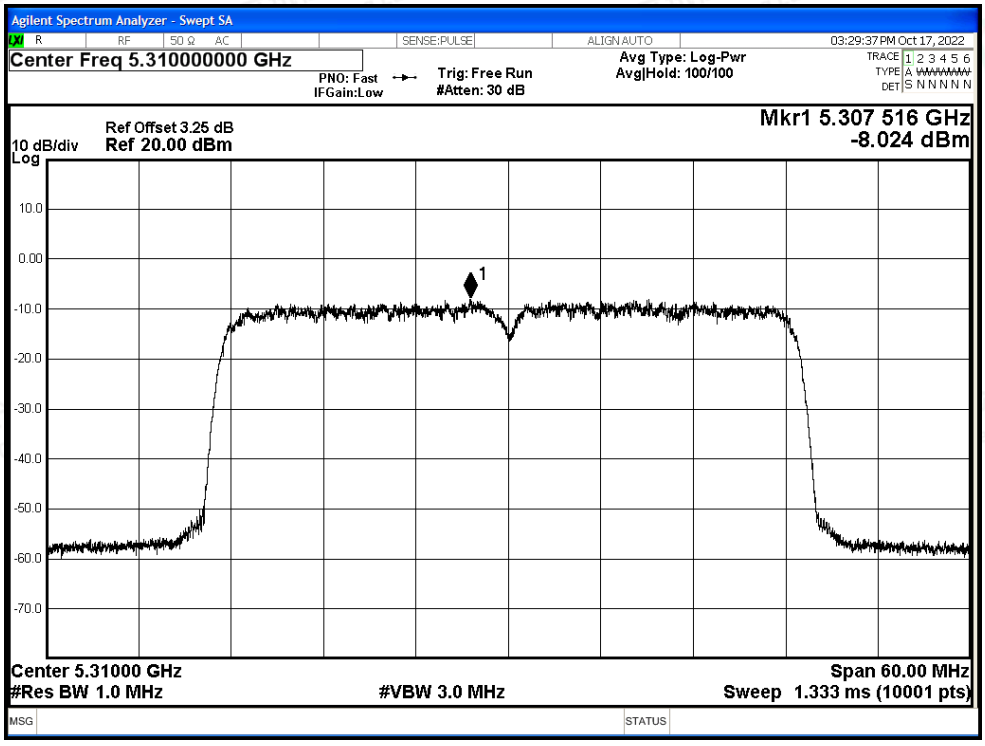
PSD NVNT ac20 5320MHz Ant1



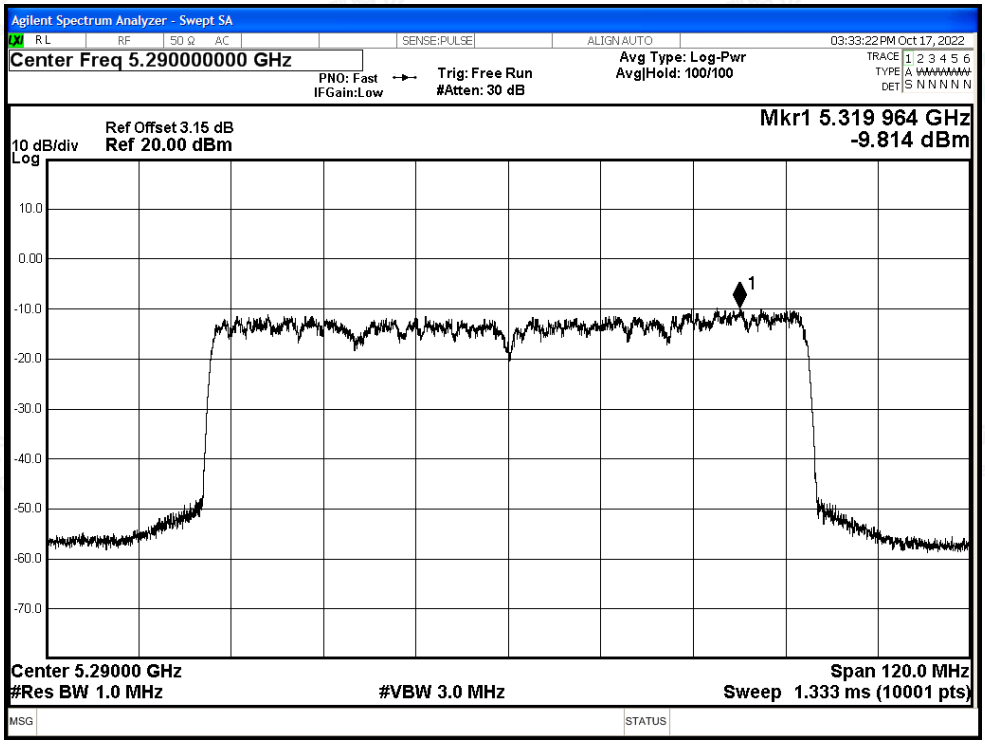
PSD NVNT ac40 5270MHz Ant1



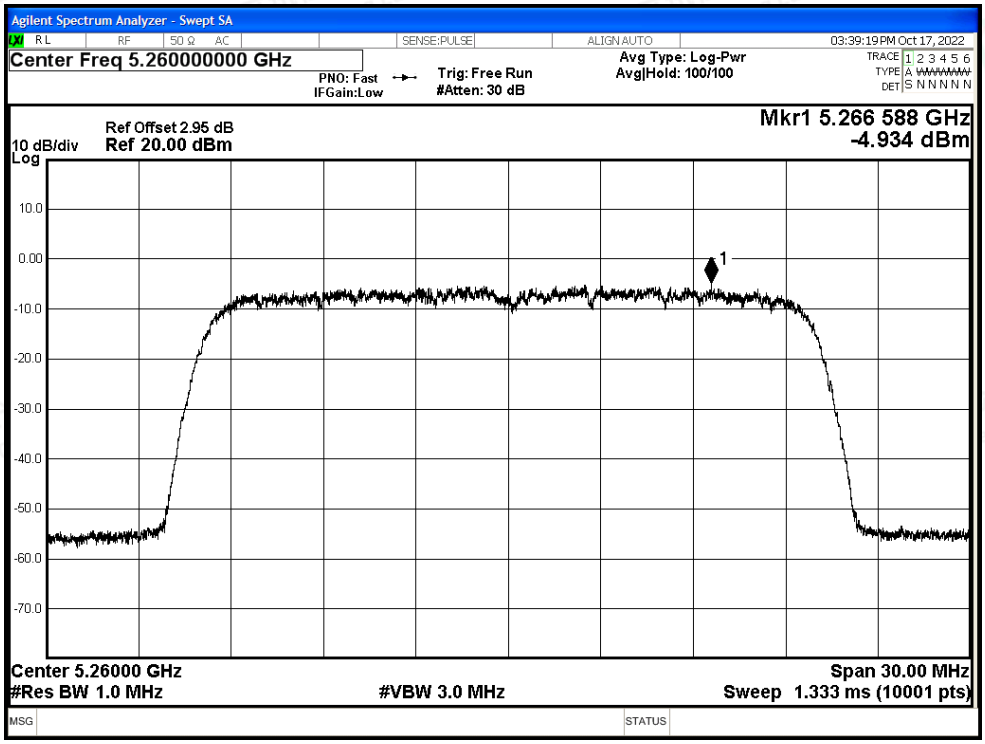
PSD NVNT ac40 5310MHz Ant1



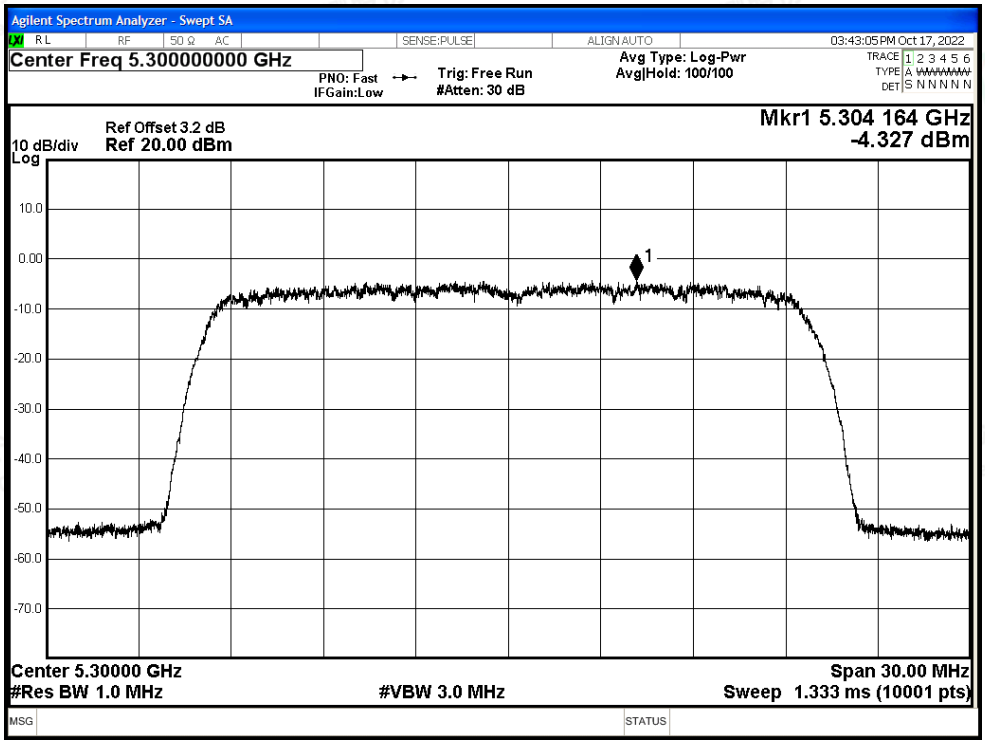
PSD NVNT ac80 5290MHz Ant1



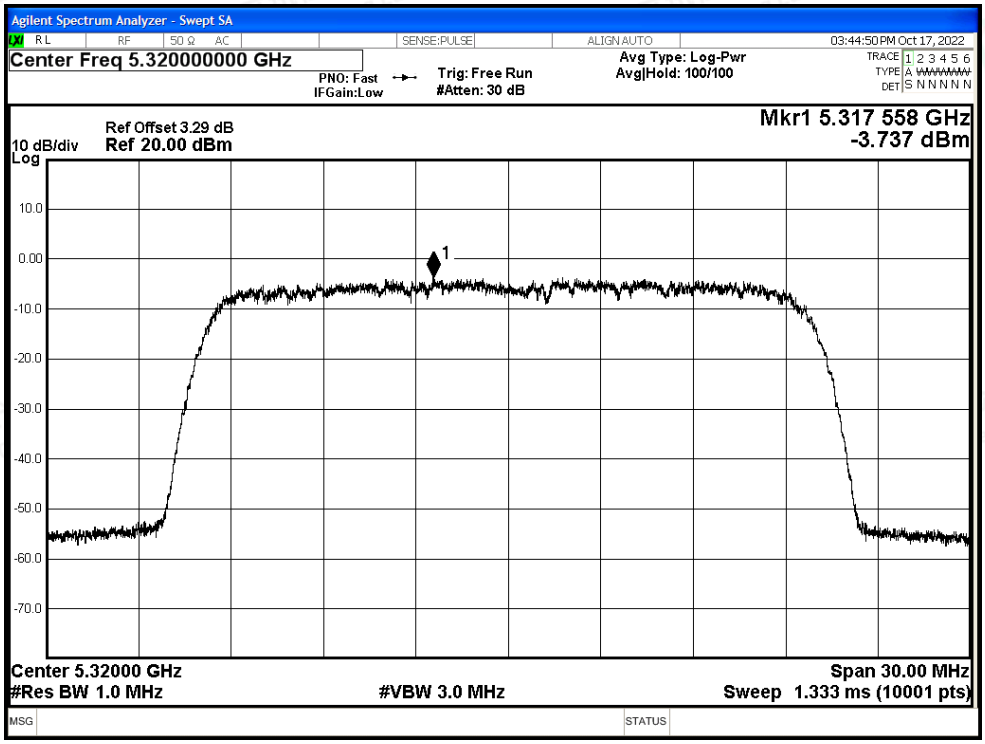
PSD NVNT ax20 5260MHz Ant1



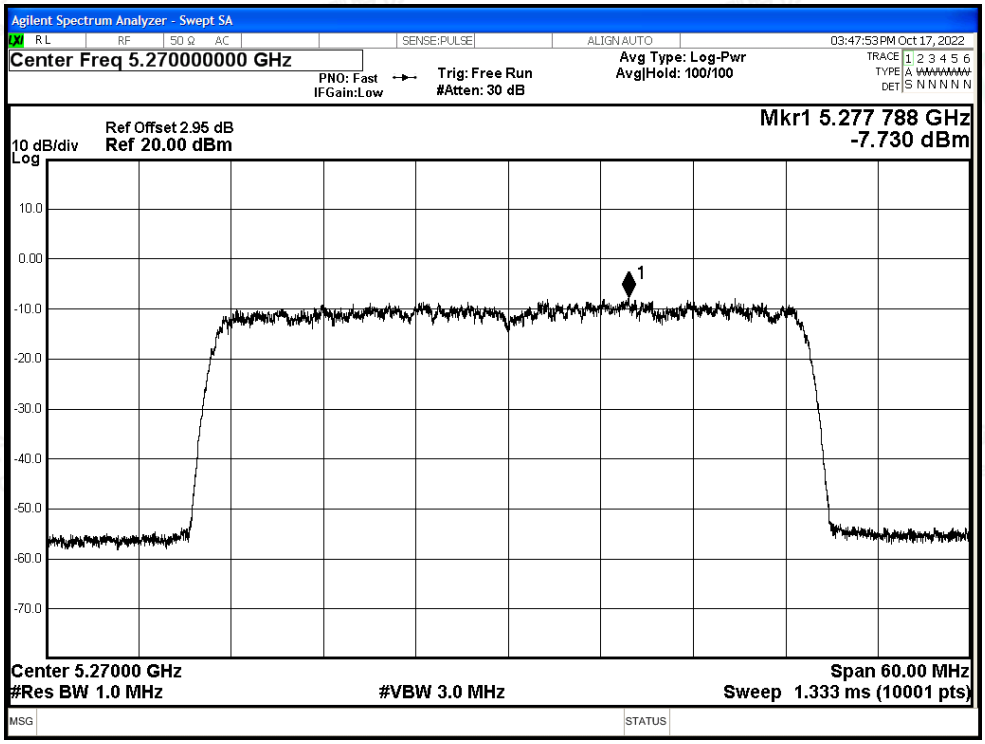
PSD NVNT ax20 5300MHz Ant1



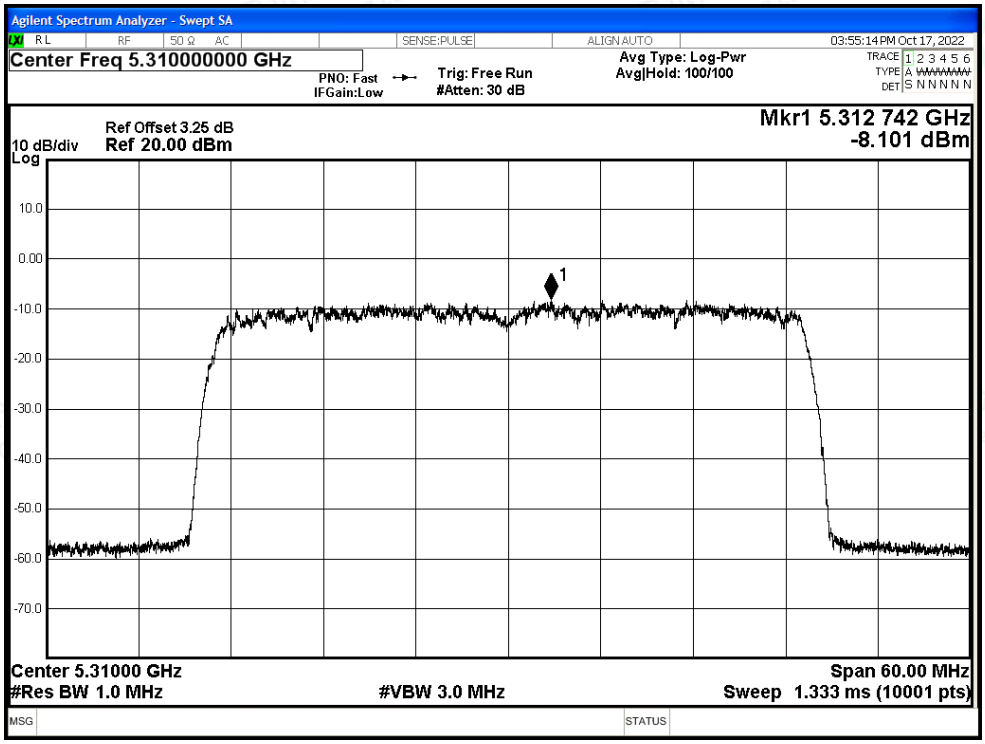
PSD NVNT ax20 5320MHz Ant1



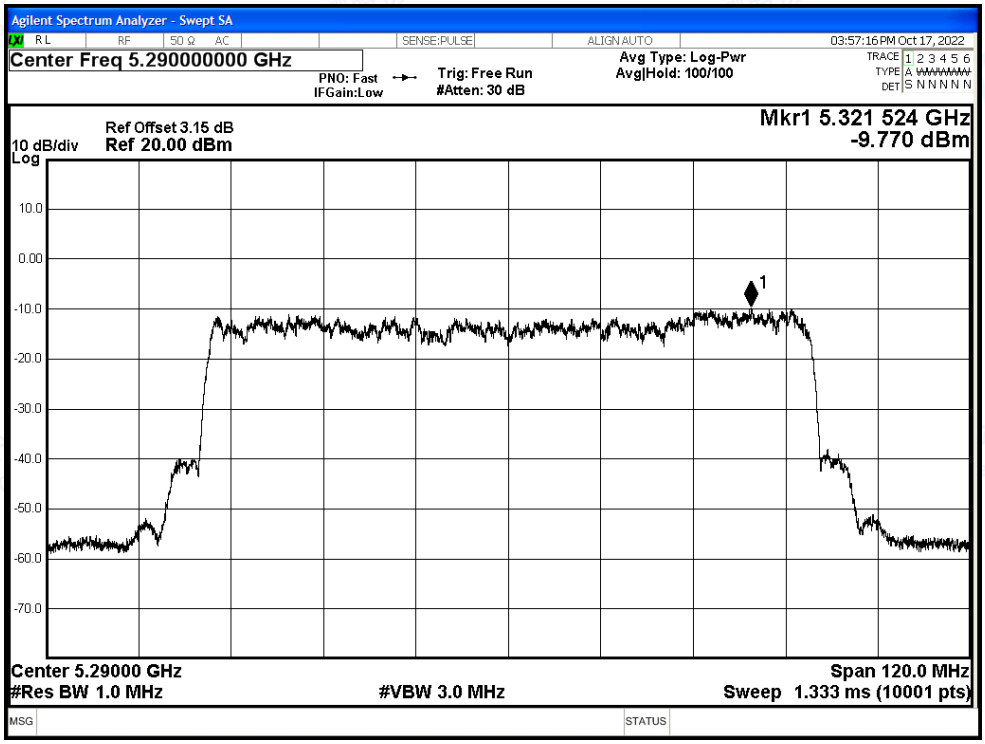
PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1



PSD NVNT ax80 5290MHz Ant1



802.11ax OFDMA(26 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	6.79	11	PASS
5300	6.76	11	PASS
5320	6.34	11	PASS
5270	6.96	11	PASS
5310	6.92	11	PASS
5290	6.54	11	PASS

802.11ax OFDMA(52 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	3.8	11	PASS
5300	4.17	11	PASS
5320	4.06	11	PASS
5270	4.15	11	PASS
5310	3.88	11	PASS
5290	3.58	11	PASS

802.11ax OFDMA(106 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	1	11	PASS
5300	1.12	11	PASS
5320	0.59	11	PASS
5270	0.43	11	PASS
5310	0.79	11	PASS
5290	0.12	11	PASS

802.11ax OFDMA(242 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	-2.8	11	PASS
5300	-2.6	11	PASS
5320	-2.19	11	PASS
5270	-3.18	11	PASS
5310	-2.77	11	PASS
5290	-3.23	11	PASS

802.11ax OFDMA(484 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5270	-5.62	11	PASS
5310	-5.21	11	PASS
5290	-6.11	11	PASS

802.11ax OFDMA(996 Tone)-ANT0

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5290	-7.77	11	PASS

802.11ax OFDMA(26 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	6.19	11	PASS
5300	6.44	11	PASS
5320	6.41	11	PASS
5270	6.87	11	PASS
5310	6.58	11	PASS
5290	6.45	11	PASS

802.11ax OFDMA(52 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	3.83	11	PASS
5300	4.21	11	PASS
5320	3.6	11	PASS
5270	4.08	11	PASS
5310	3.74	11	PASS
5290	3.7	11	PASS

802.11ax OFDMA(106 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	0.93	11	PASS
5300	0.77	11	PASS
5320	0.75	11	PASS
5270	0.54	11	PASS
5310	0.72	11	PASS
5290	0.08	11	PASS

802.11ax OFDMA(242 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5260	-2.62	11	PASS
5300	-2.52	11	PASS
5320	-2.21	11	PASS
5270	-3.1	11	PASS
5310	-2.69	11	PASS
5290	-3.22	11	PASS

802.11ax OFDMA(484 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5270	-5.67	11	PASS
5310	-4.99	11	PASS
5290	-6.11	11	PASS

802.11ax OFDMA(996 Tone)-ANT1

Frequency	Conducted power [dBm]	Conducted Power Limit [dBm]	Verdict
5290	-7.56	11	PASS

802.11ax OFDMA(26 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1		
5260	6.79	6.19	9.51	11	PASS
5300	6.76	6.44	9.61	11	PASS
5320	6.34	6.41	9.39	11	PASS
5270	6.96	6.87	9.93	11	PASS
5310	6.92	6.58	9.76	11	PASS
5290	6.54	6.45	9.51	11	PASS

802.11ax OFDMA(52 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1		
5260	3.8	3.83	6.83	11	PASS
5300	4.17	4.21	7.20	11	PASS
5320	4.06	3.6	6.85	11	PASS
5270	4.15	4.08	7.13	11	PASS
5310	3.88	3.74	6.82	11	PASS
5290	3.58	3.7	6.65	11	PASS

802.11ax OFDMA(106 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1		
5260	1	0.93	3.98	11	PASS
5300	1.12	0.77	3.96	11	PASS
5320	0.59	0.75	3.68	11	PASS
5270	0.43	0.54	3.50	11	PASS
5310	0.79	0.72	3.77	11	PASS
5290	0.12	0.08	3.11	11	PASS

802.11ax OFDMA(242 Tone)-MIMO

Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1		
5260	-2.8	-2.62	0.30	11	PASS
5300	-2.6	-2.52	0.45	11	PASS
5320	-2.19	-2.21	0.81	11	PASS
5270	-3.18	-3.1	-0.13	11	PASS
5310	-2.77	-2.69	0.28	11	PASS
5290	-3.23	-3.22	-0.21	11	PASS

802.11ax OFDMA(484 Tone)-MIMO

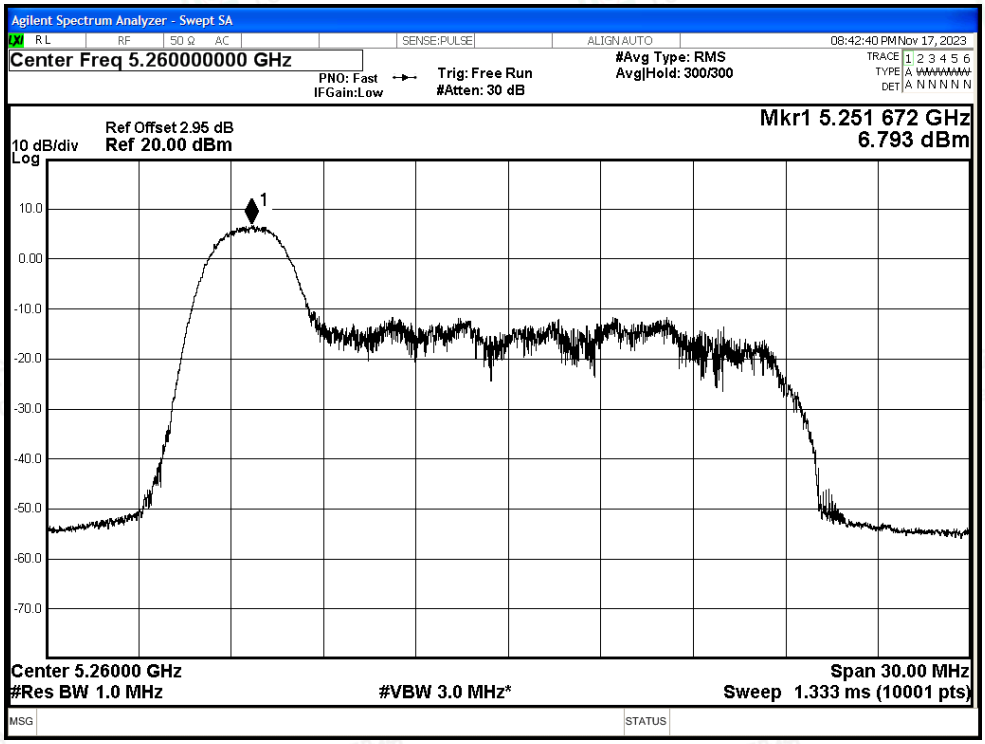
Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1		
5270	-5.62	-5.67	-2.63	11	PASS
5310	-5.21	-4.99	-2.09	11	PASS
5290	-6.11	-6.11	-3.10	11	PASS

802.11ax OFDMA(996 Tone)-MIMO

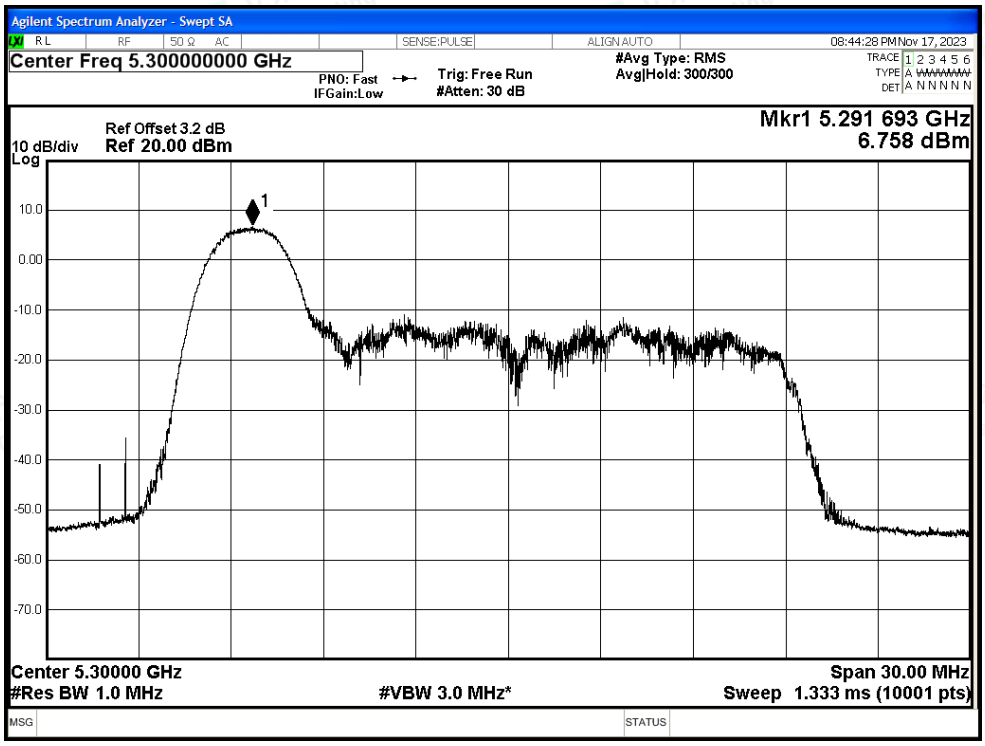
Frequency	Conducted power [dBm]			Conducted Power Limit [dBm]	Verdict
	ANT0	ANT1	ANT0+ANT1		
5290	-7.77	-7.56	-4.65	11	PASS

Test Graphs

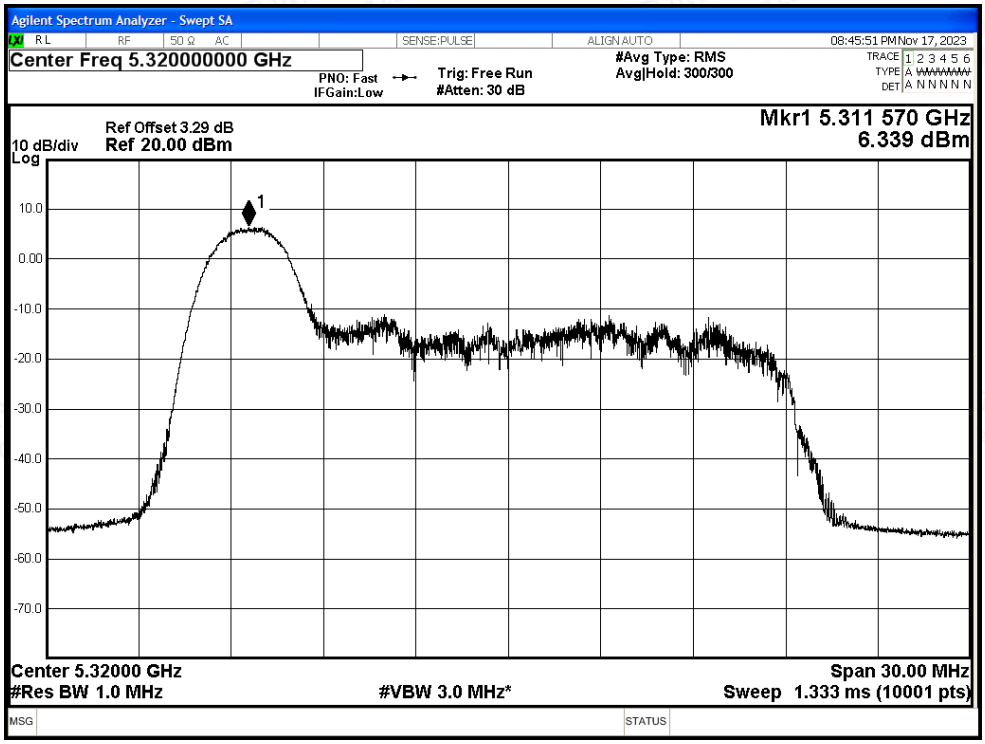
PSD NVNT ax20 5260MHz Ant0



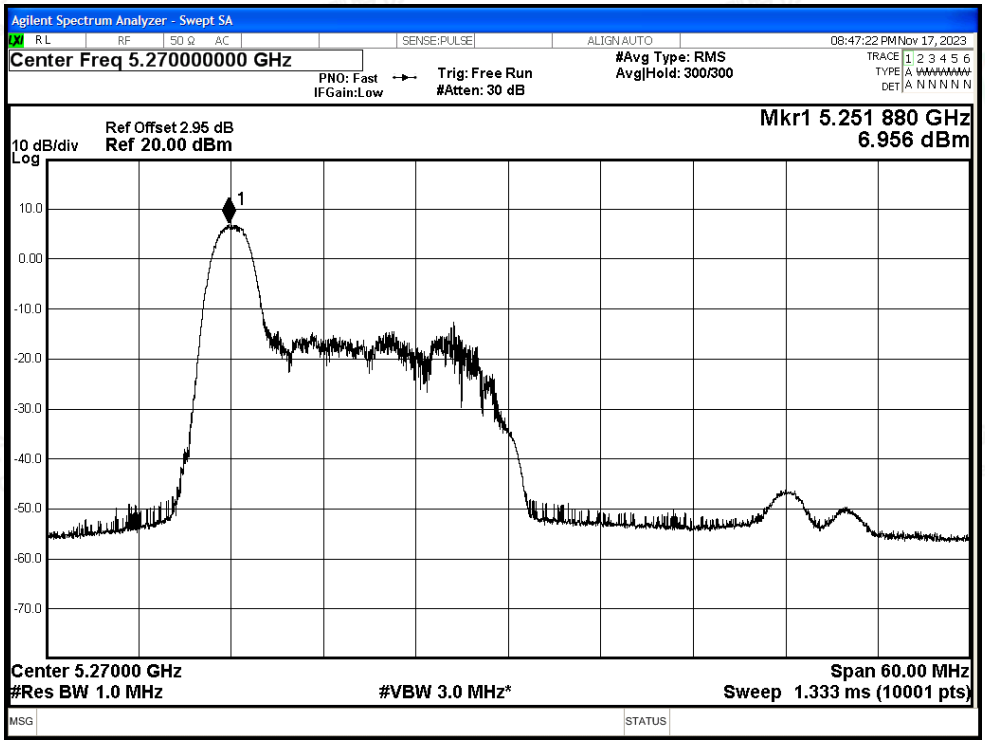
PSD NVNT ax20 5300MHz Ant0



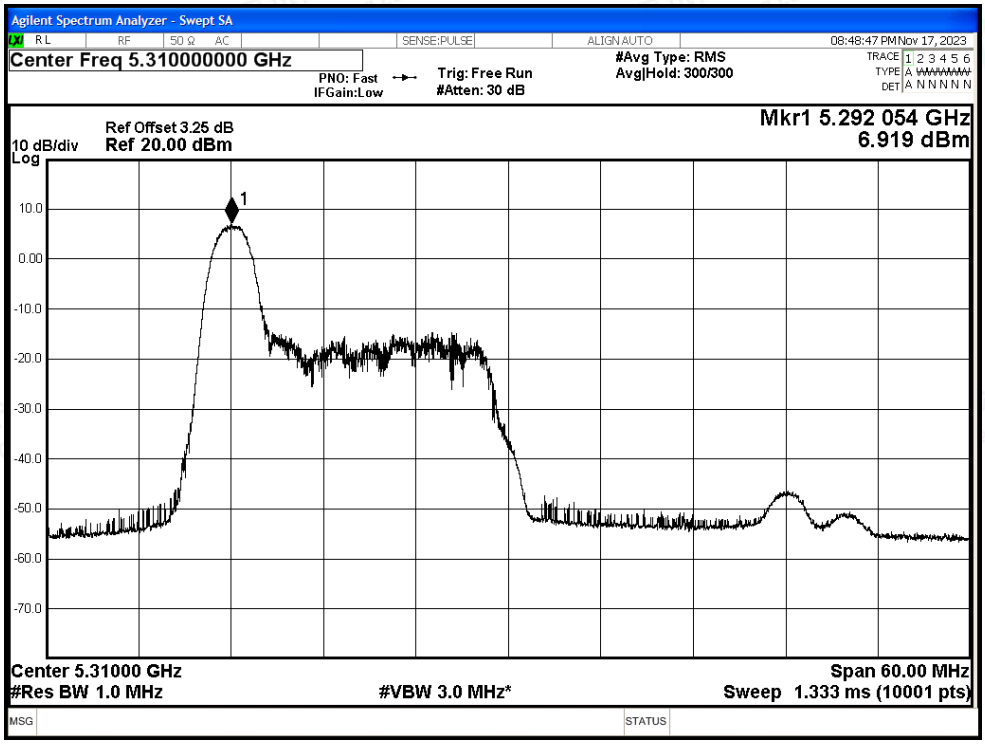
PSD NVNT ax20 5320MHz Ant0



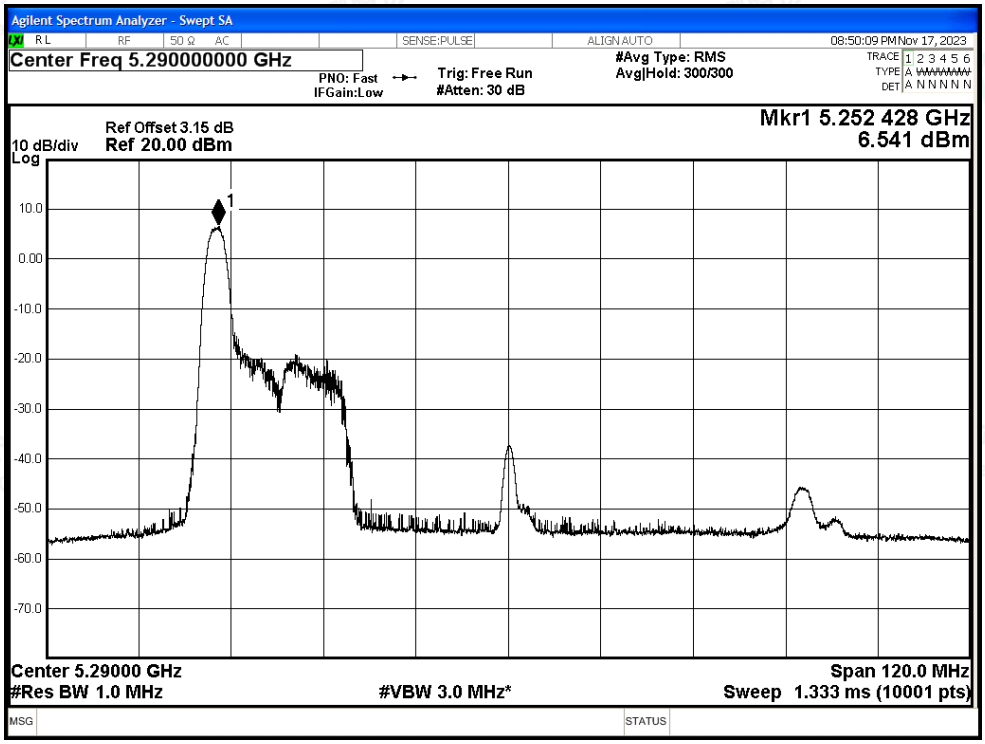
PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5310MHz Ant0

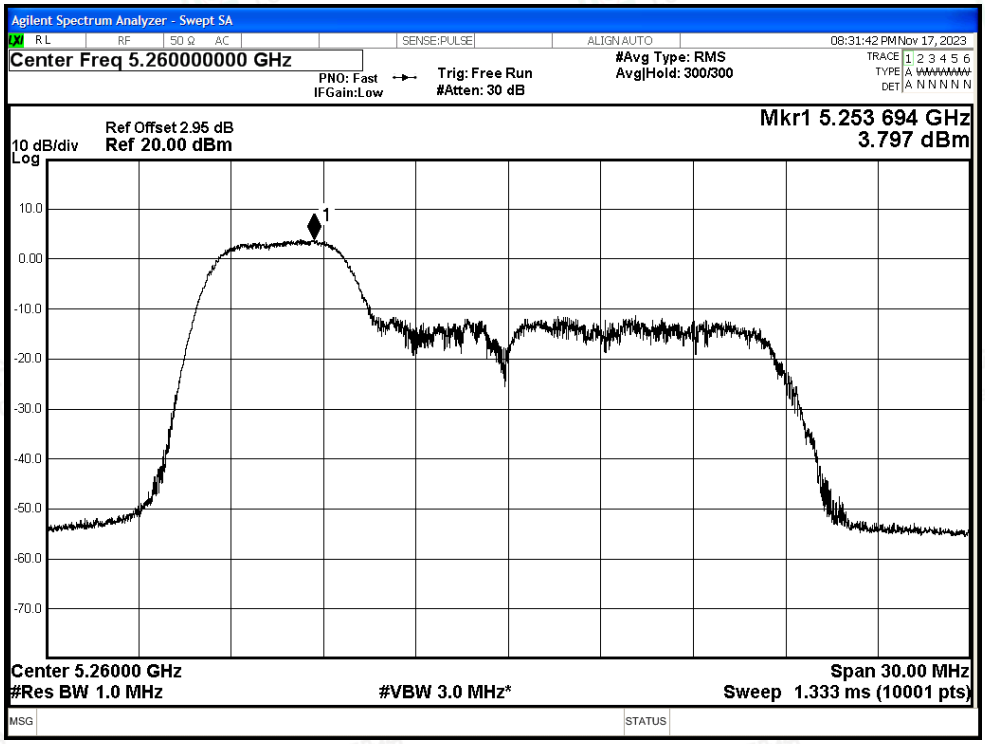


PSD NVNT ax80 5290MHz Ant0

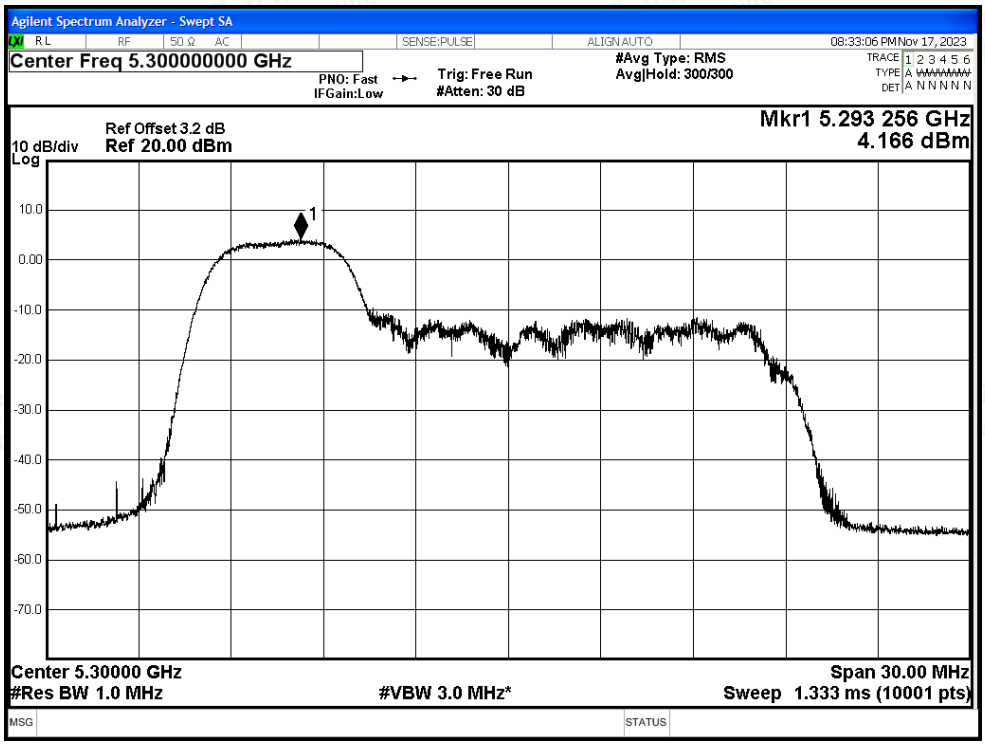


Test Graphs

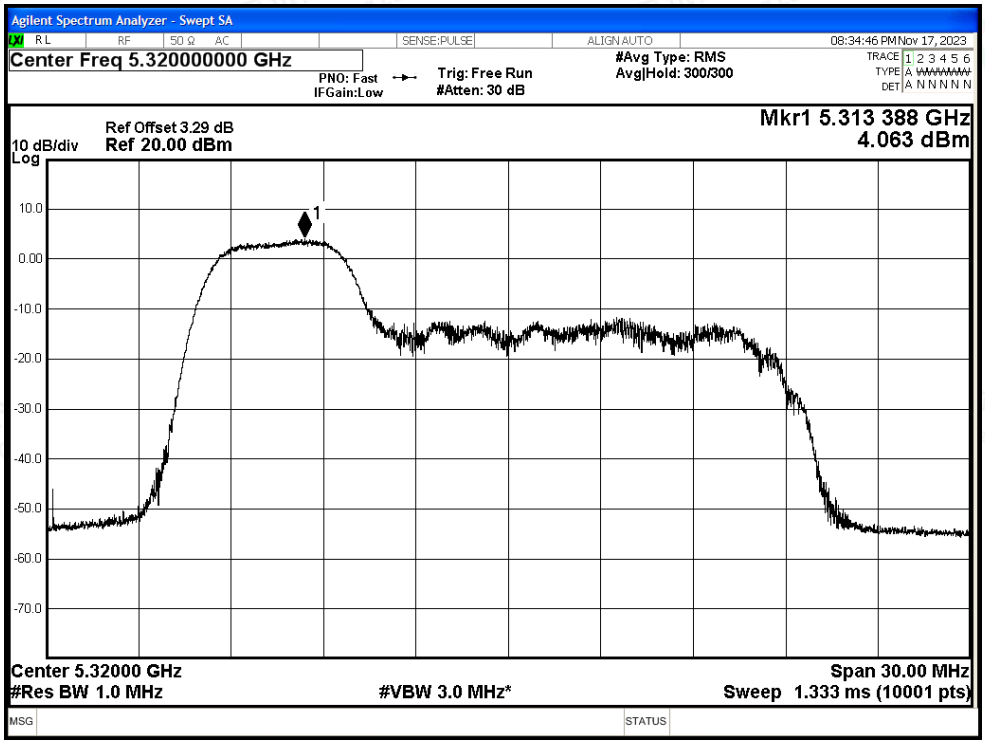
PSD NVNT ax20 5260MHz Ant0



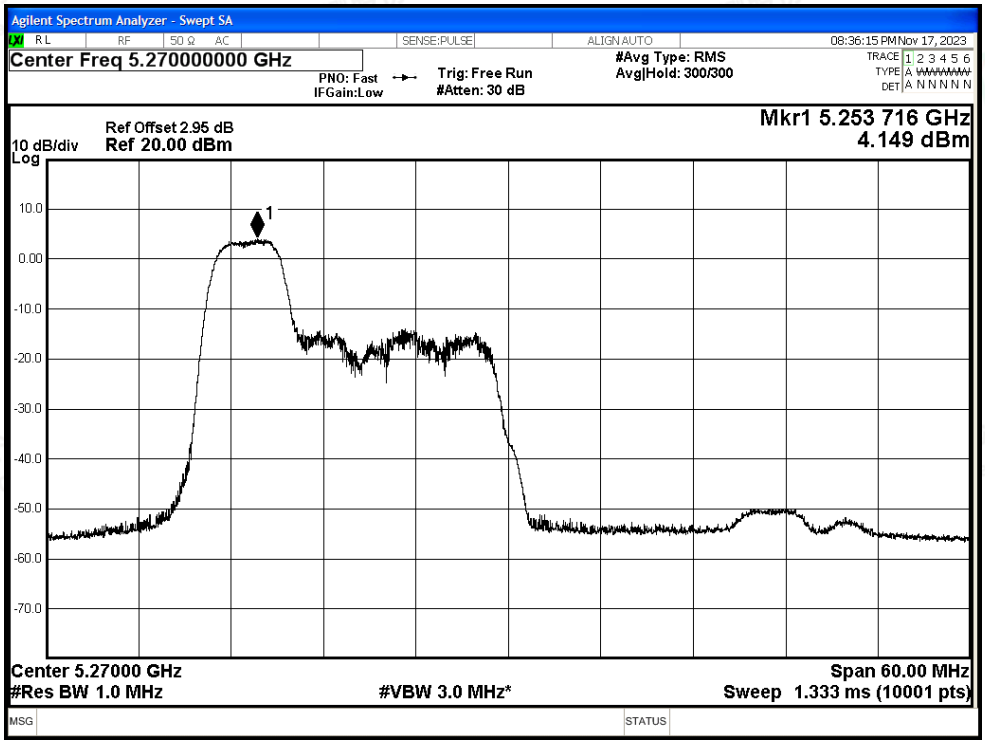
PSD NVNT ax20 5300MHz Ant0



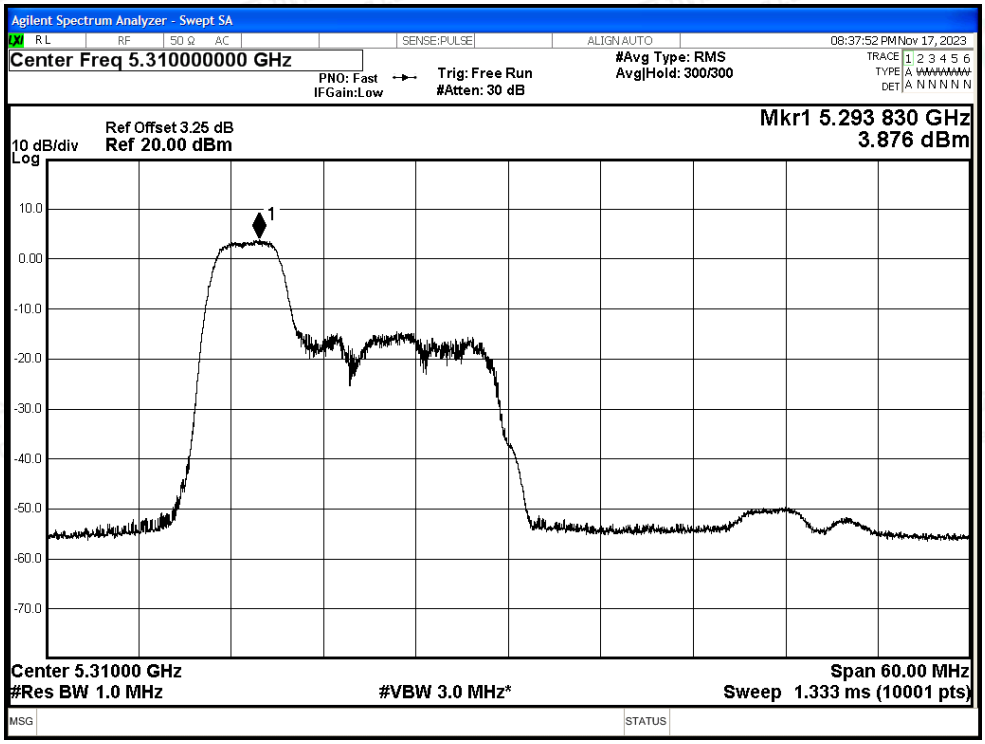
PSD NVNT ax20 5320MHz Ant0



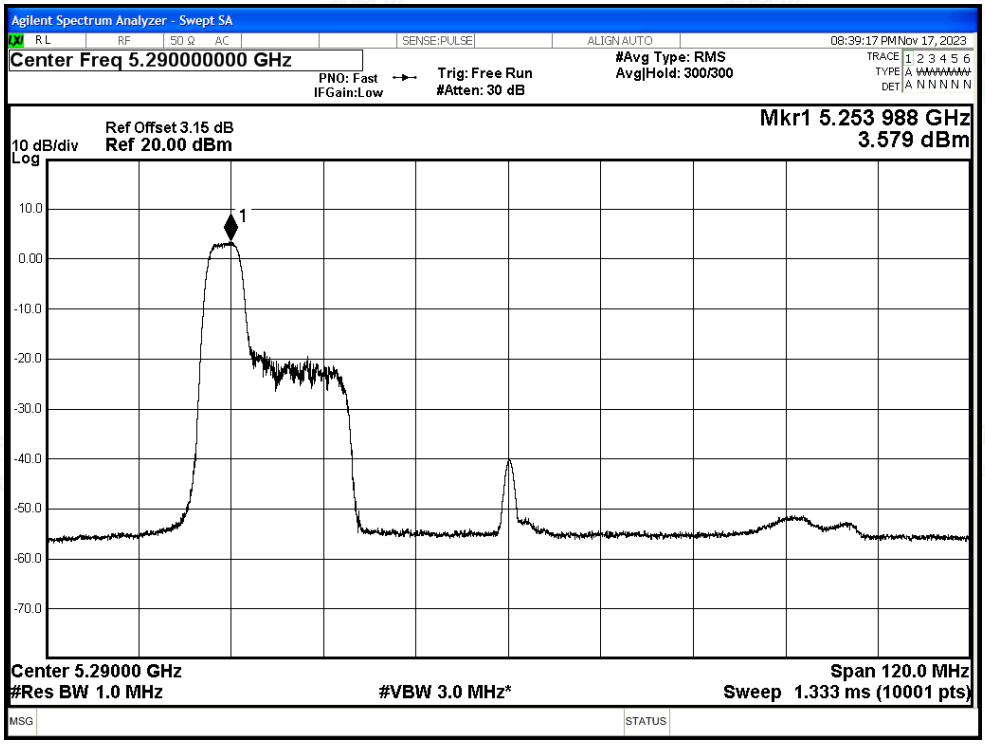
PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5310MHz Ant0

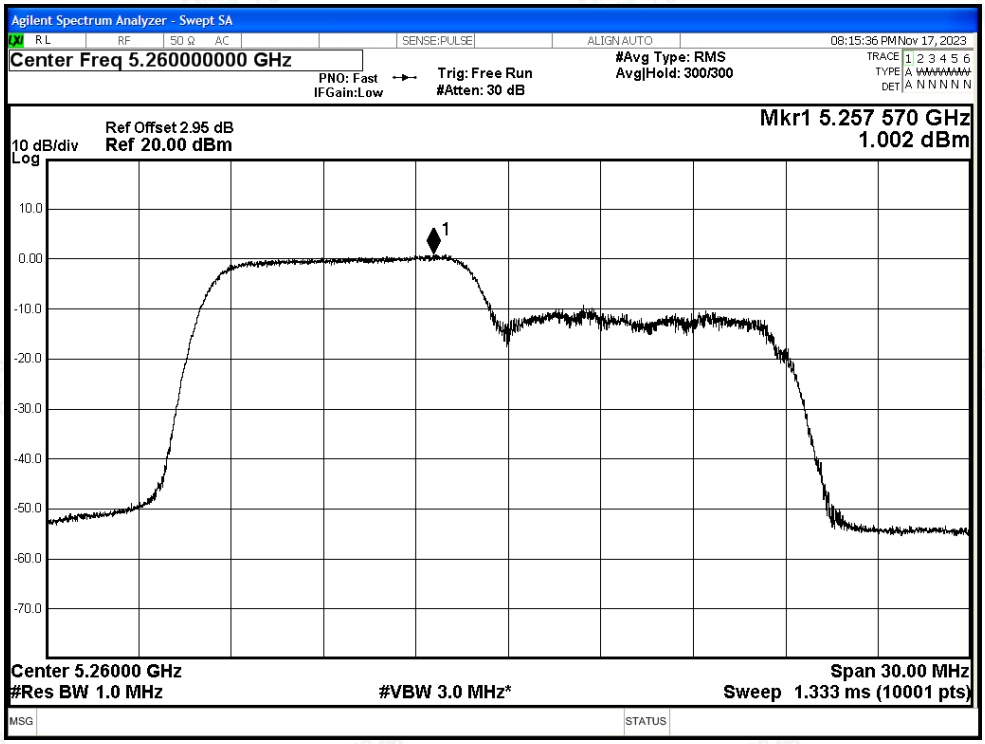


PSD NVNT ax80 5290MHz Ant0

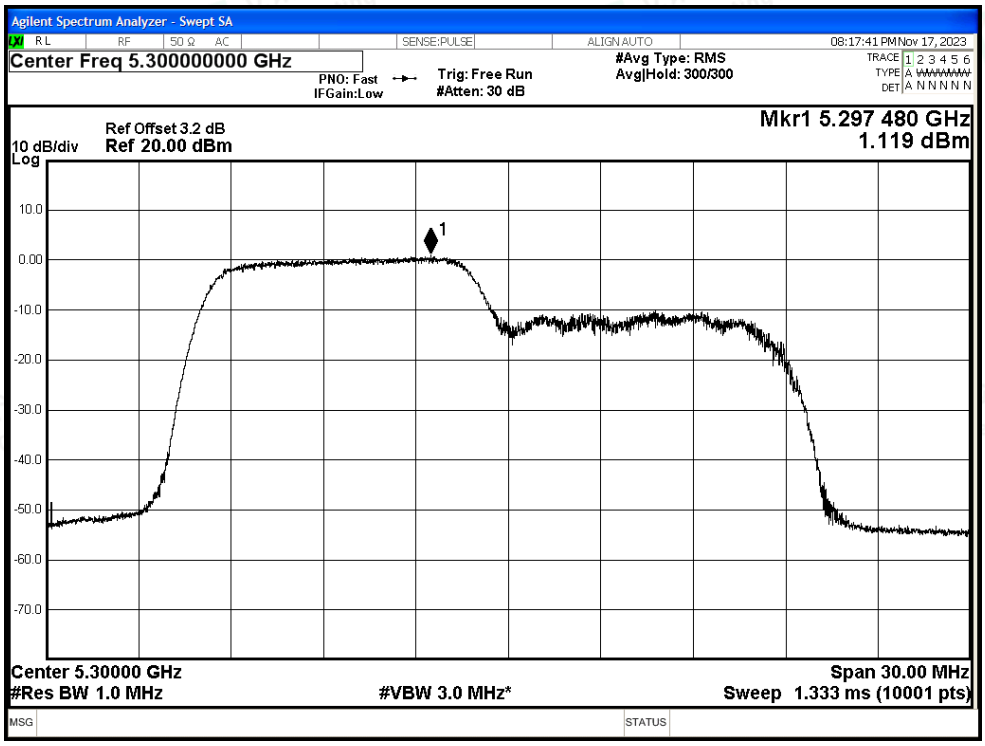


Test Graphs

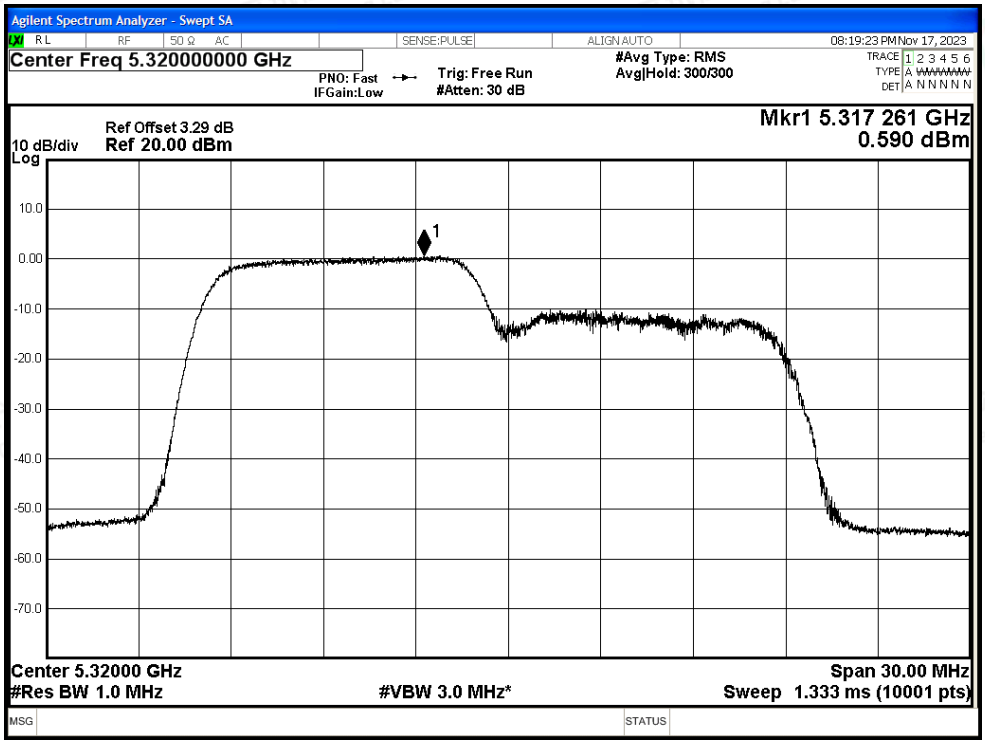
PSD NVNT ax20 5260MHz Ant0



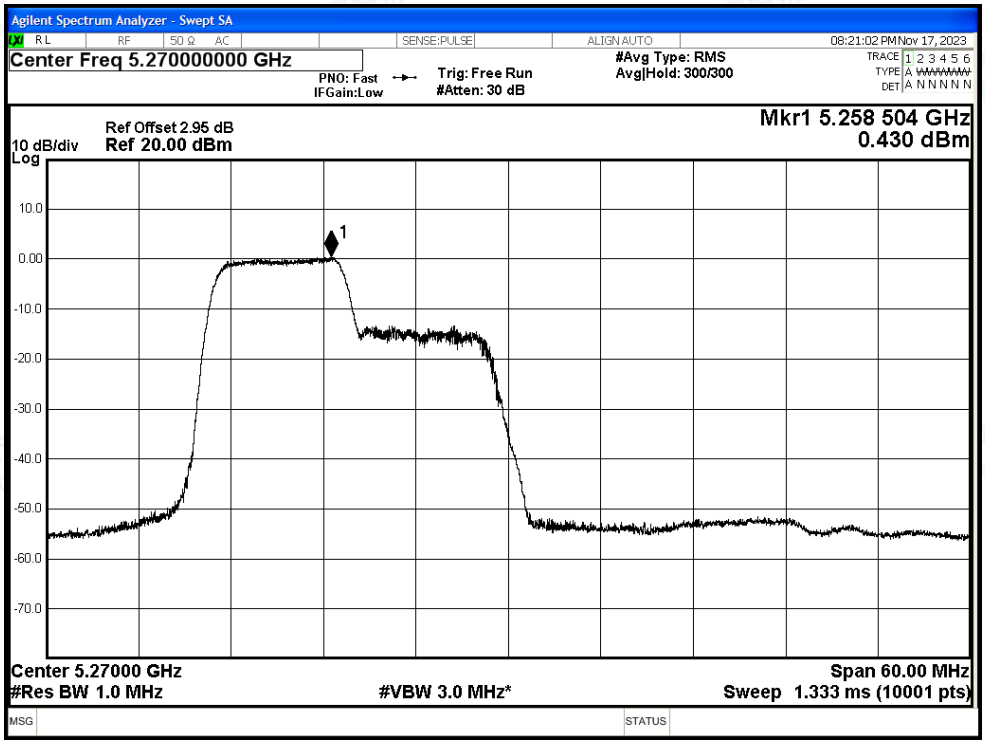
PSD NVNT ax20 5300MHz Ant0



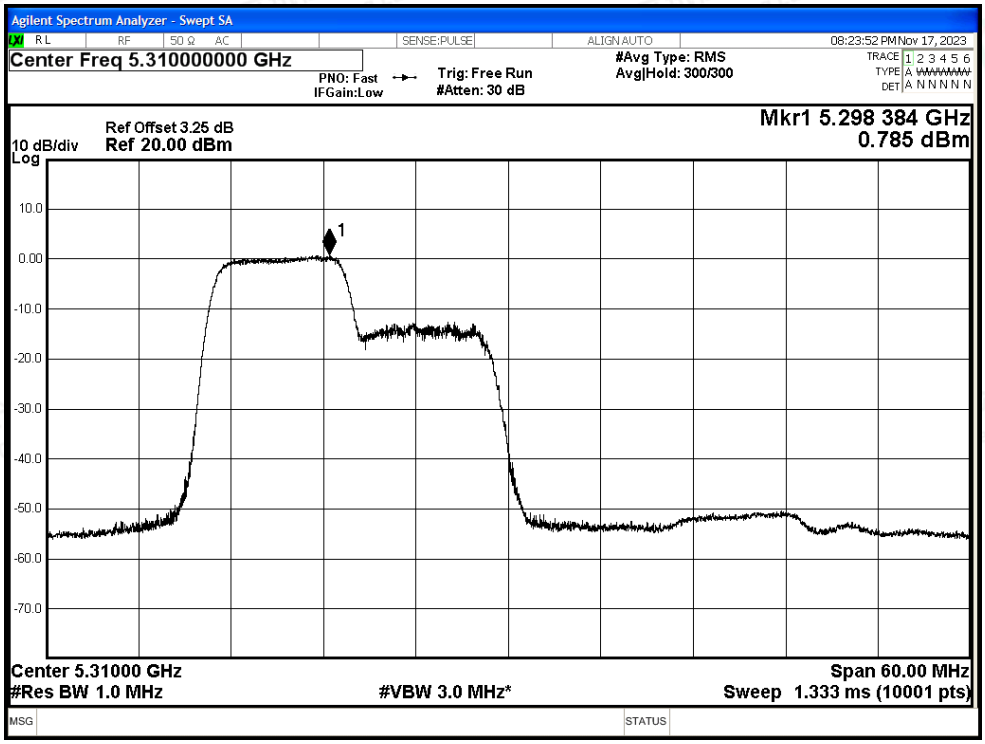
PSD NVNT ax20 5320MHz Ant0



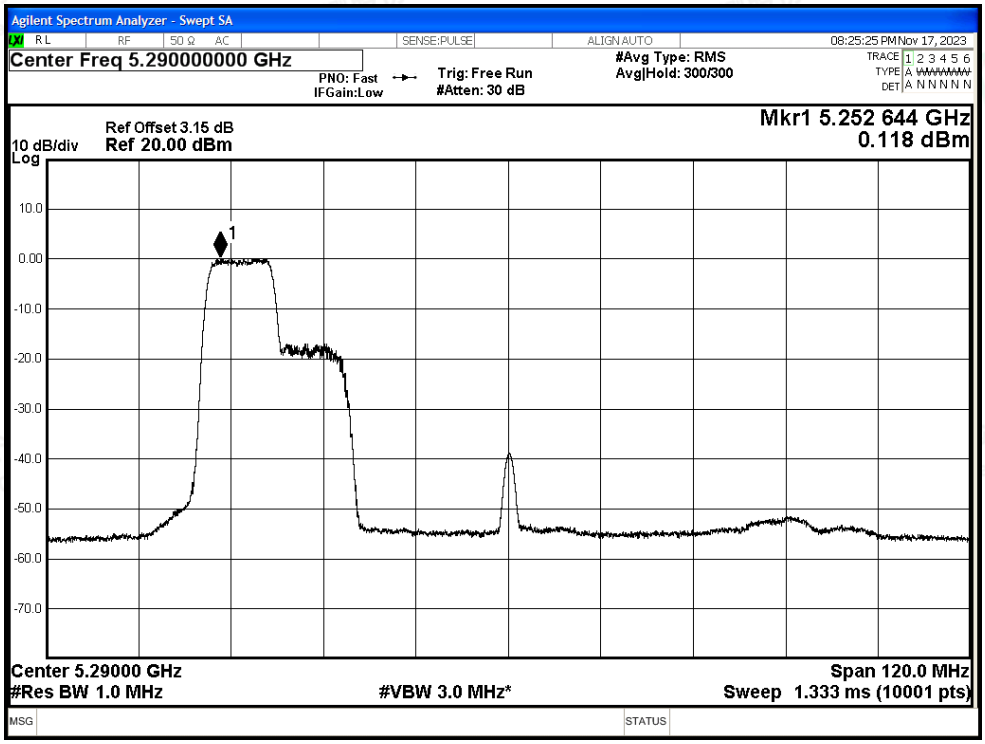
PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5310MHz Ant0

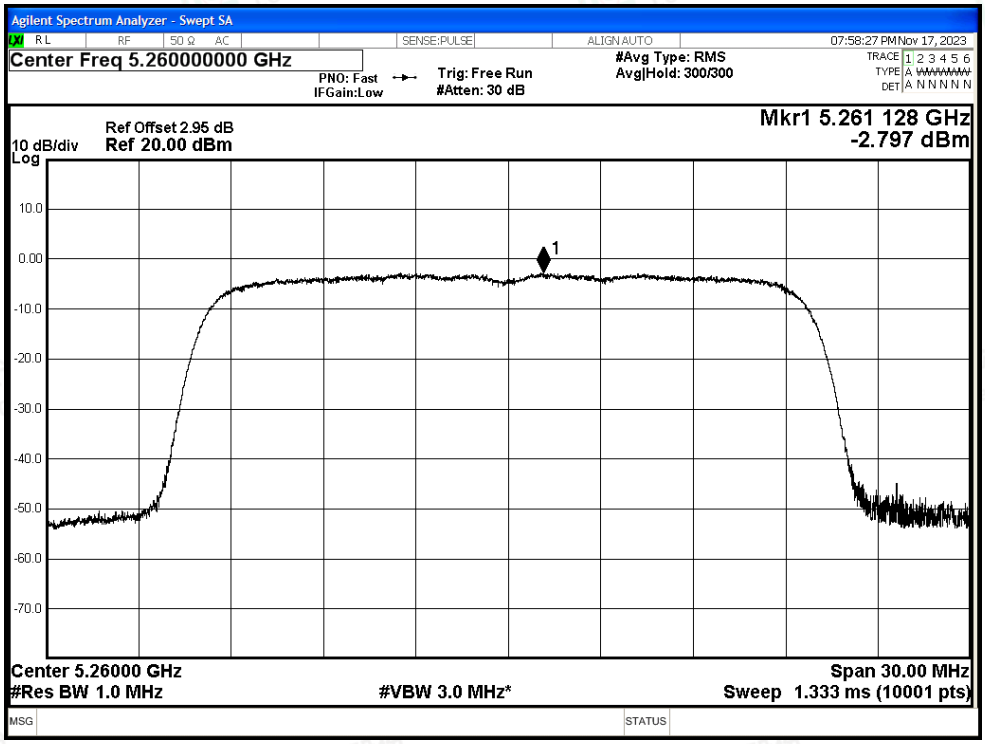


PSD NVNT ax80 5290MHz Ant0

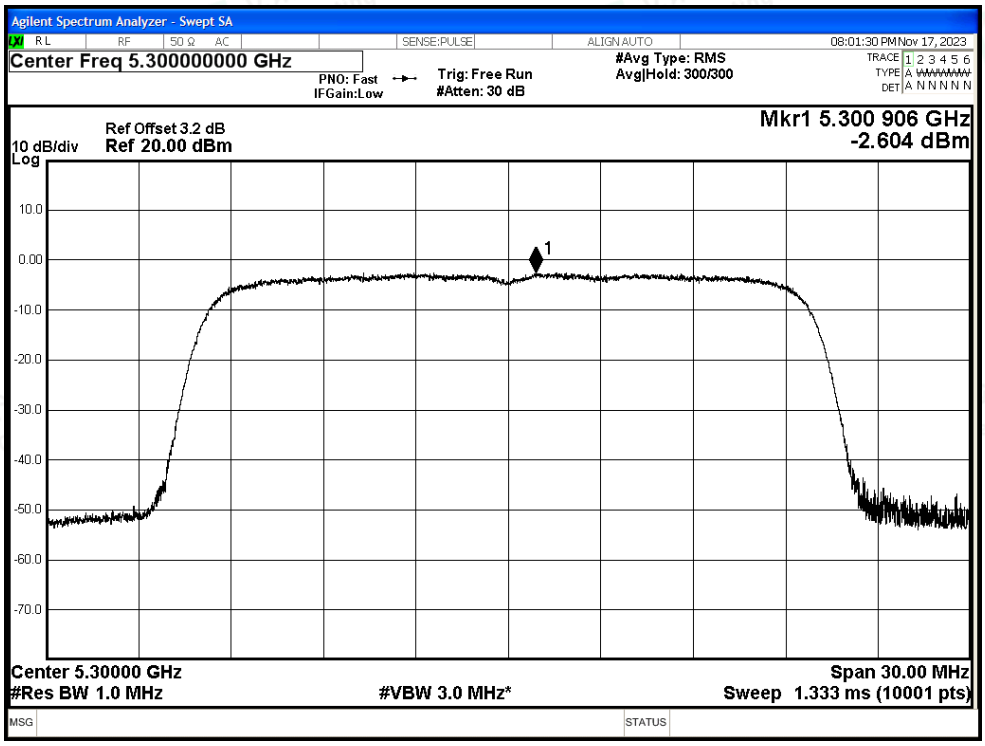


Test Graphs

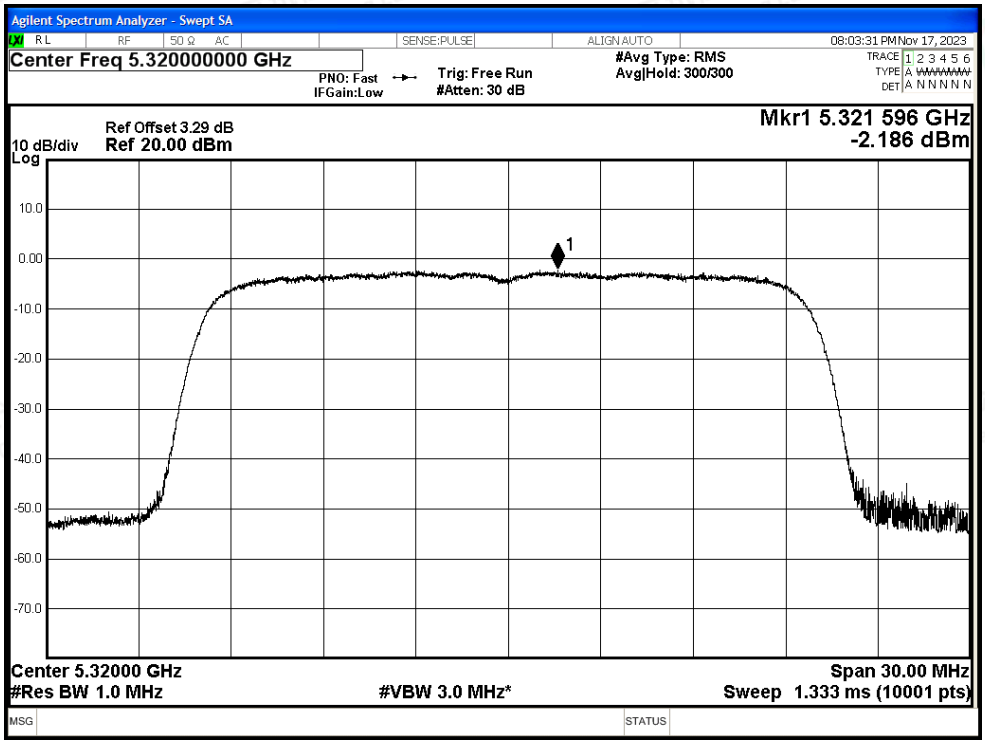
PSD NVNT ax20 5260MHz Ant0



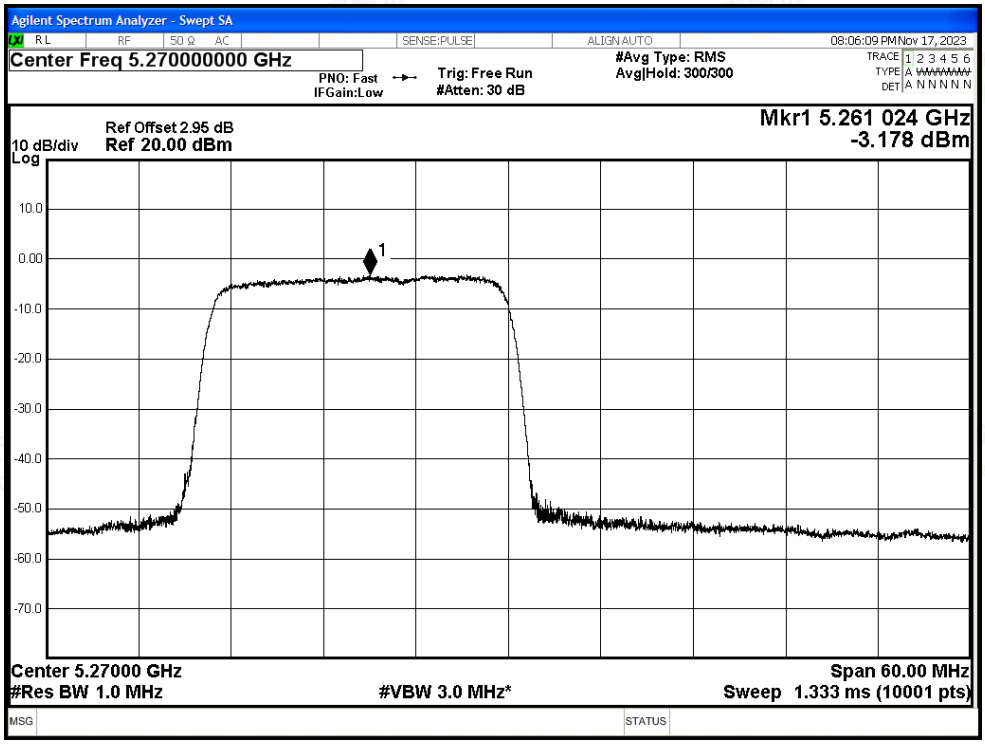
PSD NVNT ax20 5300MHz Ant0



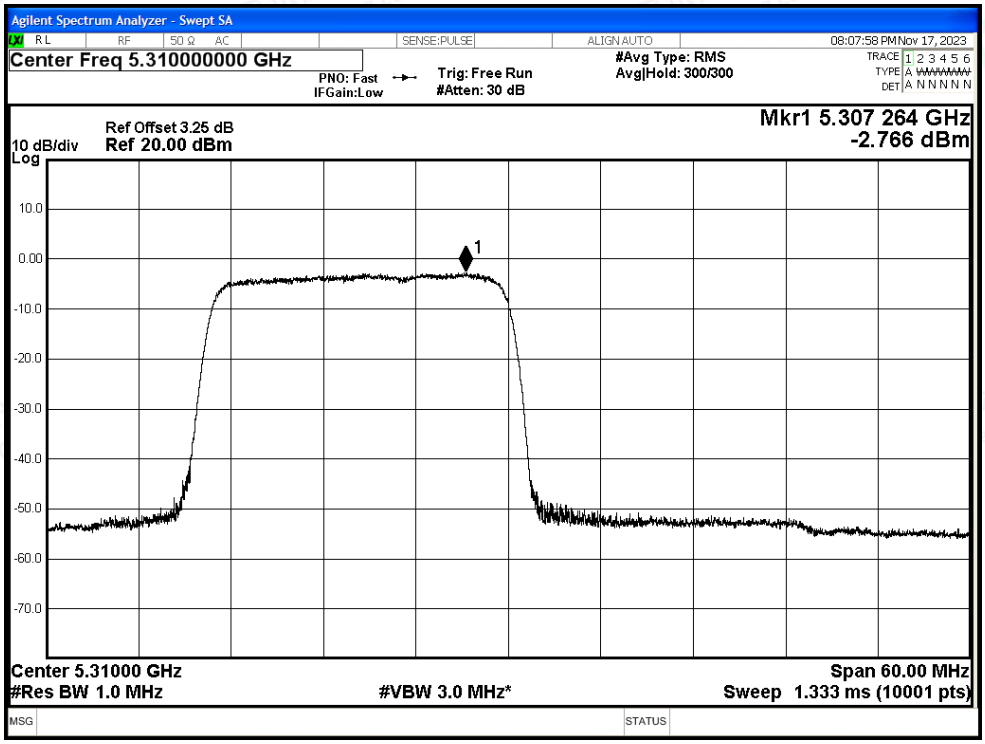
PSD NVNT ax20 5320MHz Ant0



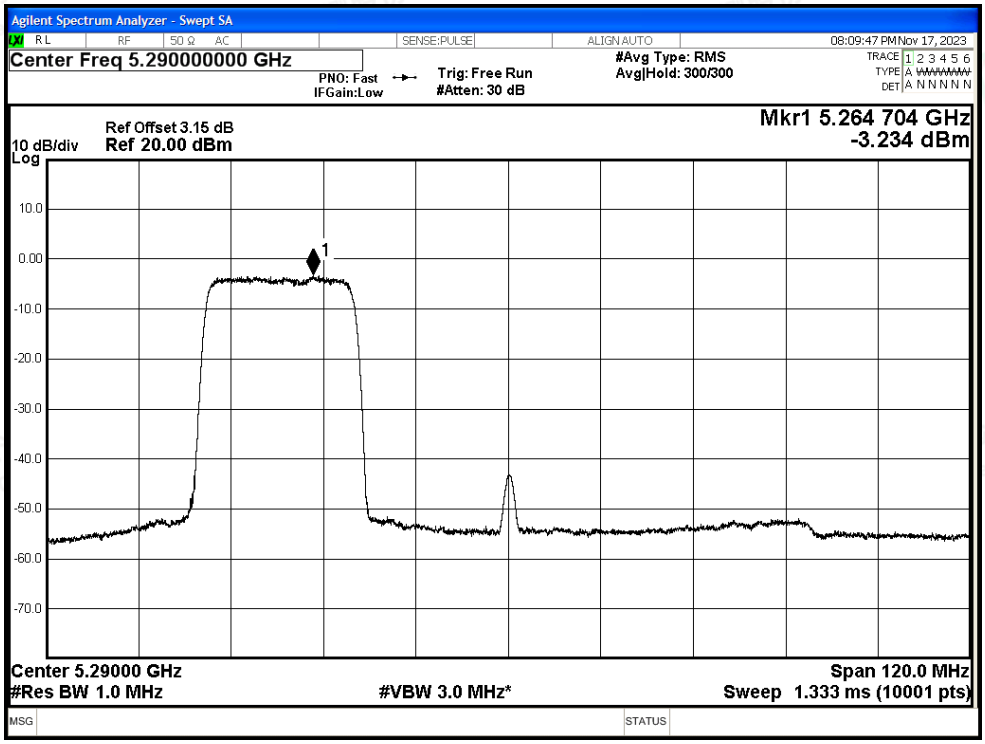
PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5310MHz Ant0

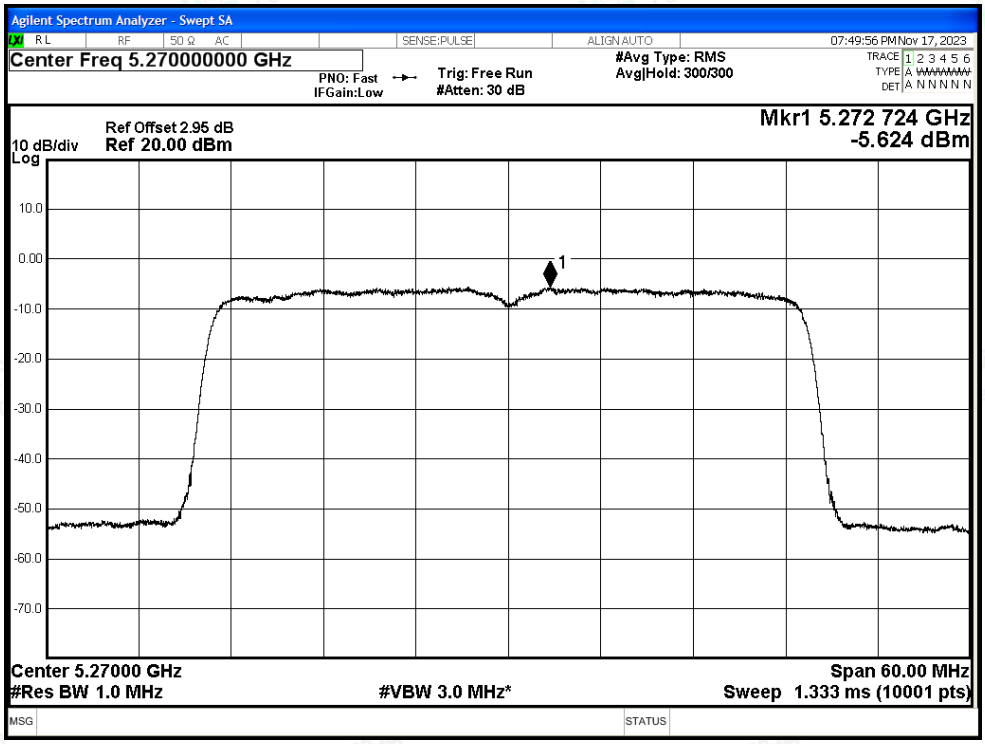


PSD NVNT ax80 5290MHz Ant0

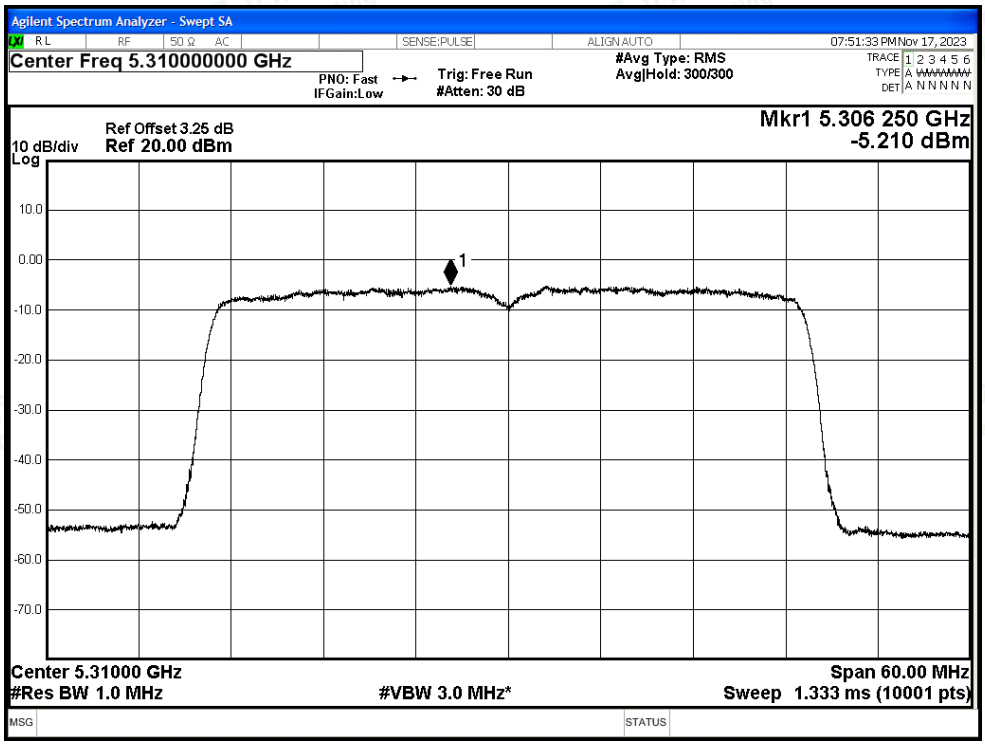


Test Graphs

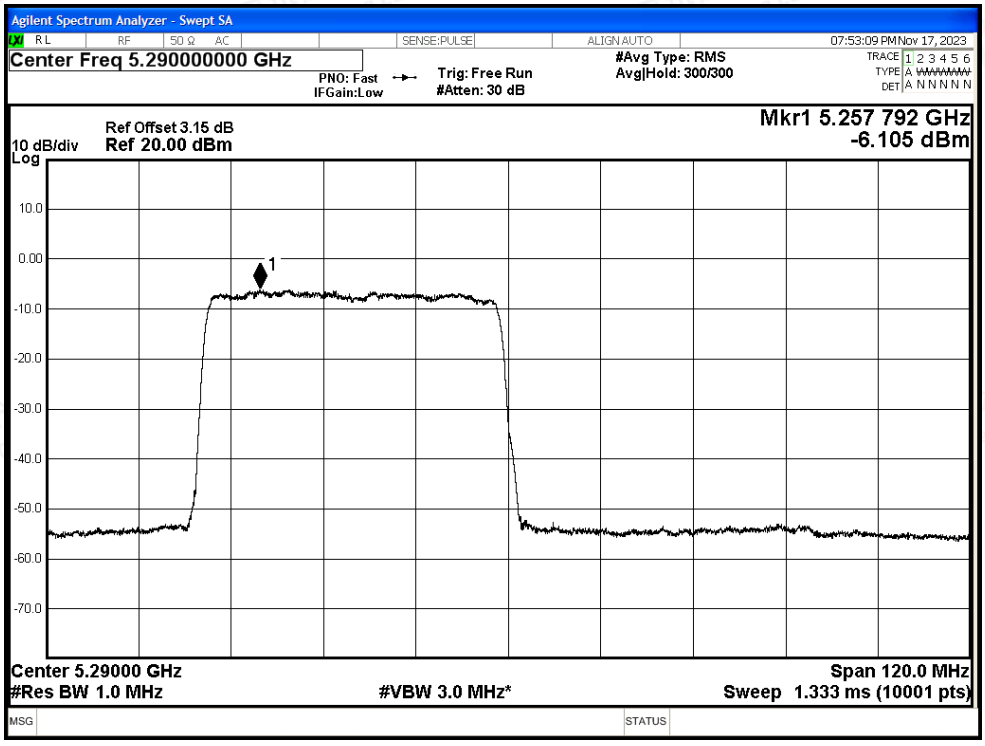
PSD NVNT ax40 5270MHz Ant0



PSD NVNT ax40 5310MHz Ant0

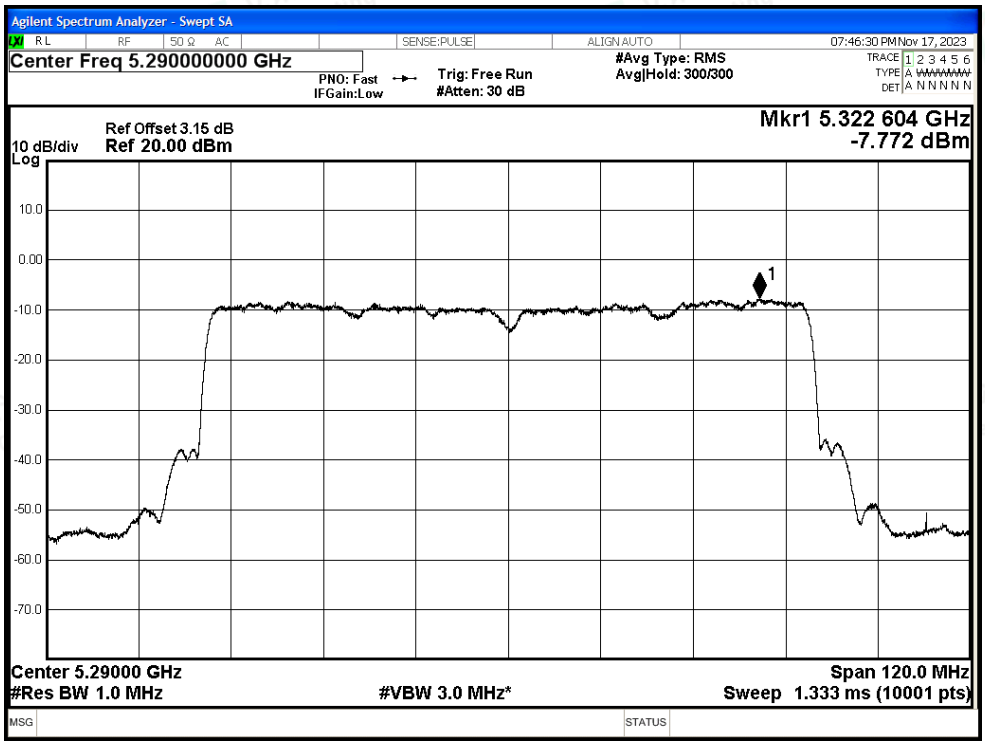


PSD NVNT ax80 5290MHz Ant0



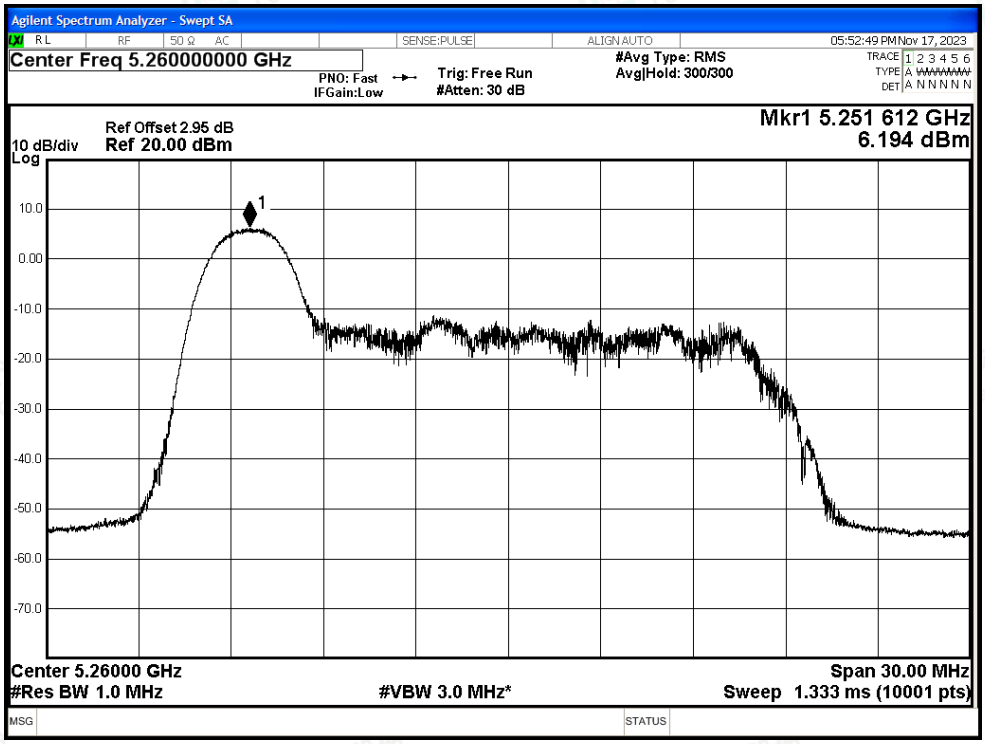
Test Graphs

PSD NVNT ax80 5290MHz Ant0

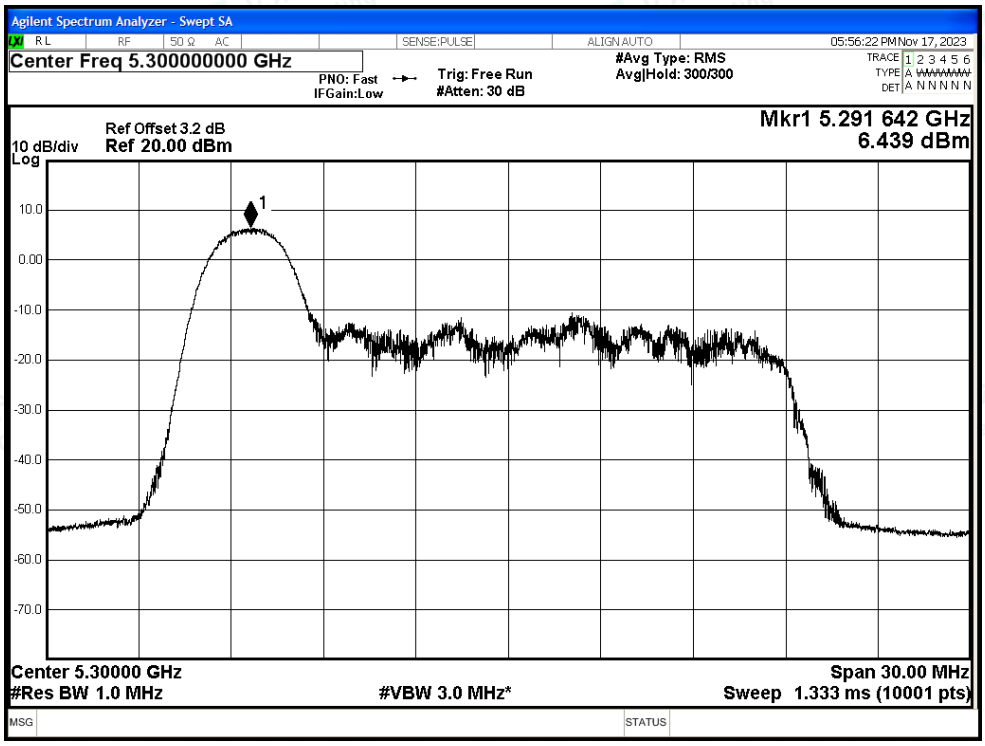


Test Graphs

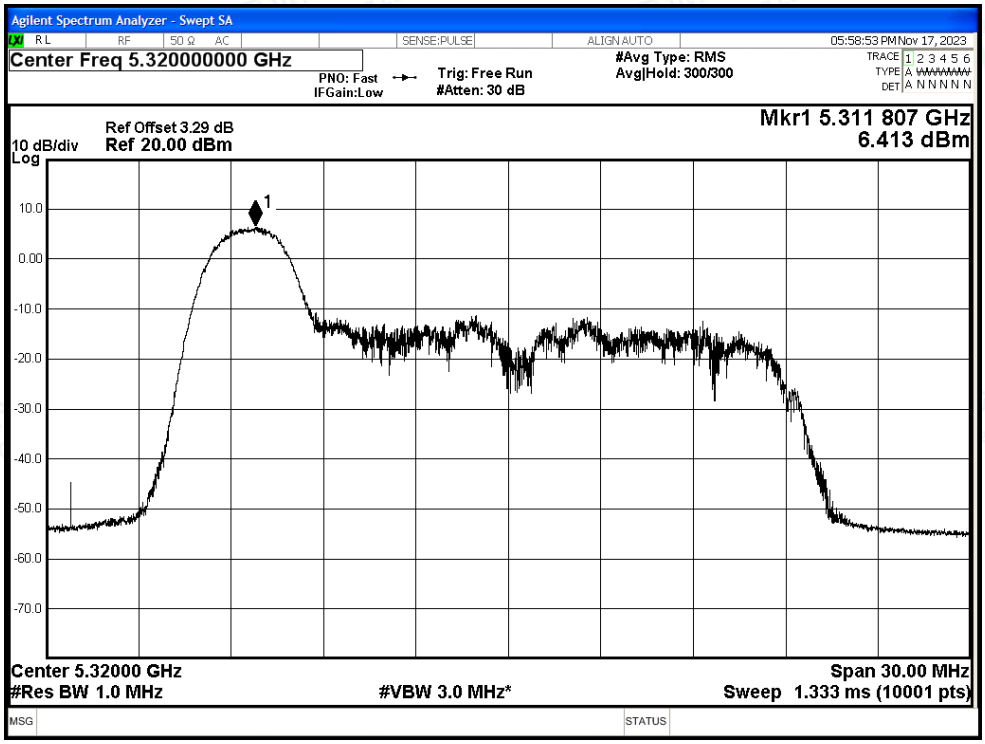
PSD NVNT ax20 5260MHz Ant1



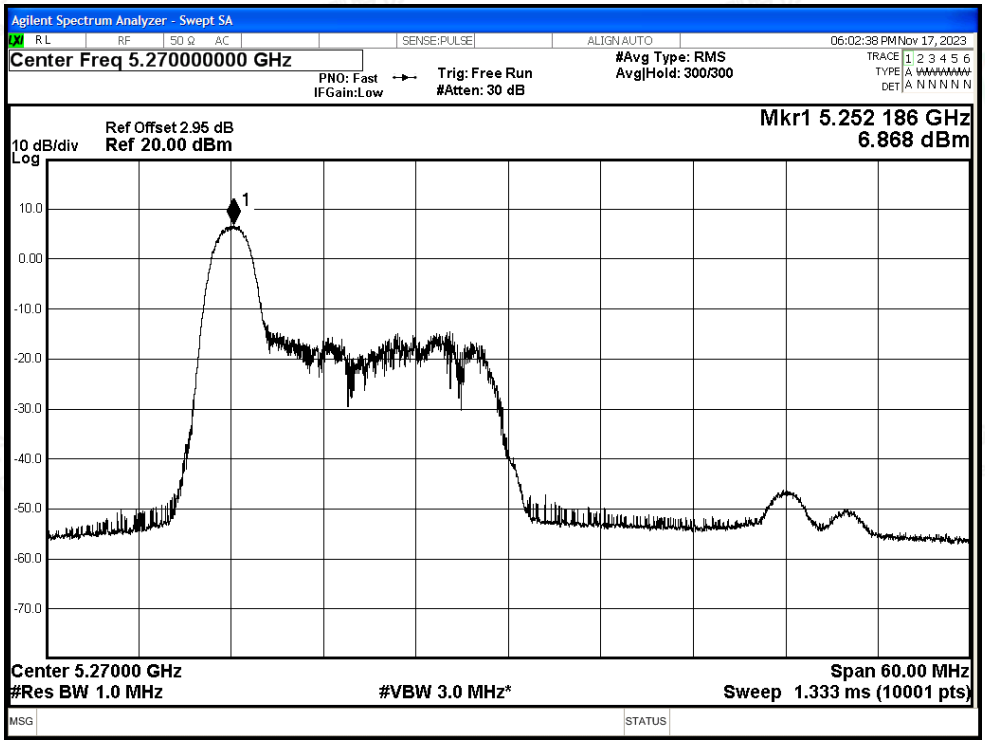
PSD NVNT ax20 5300MHz Ant1



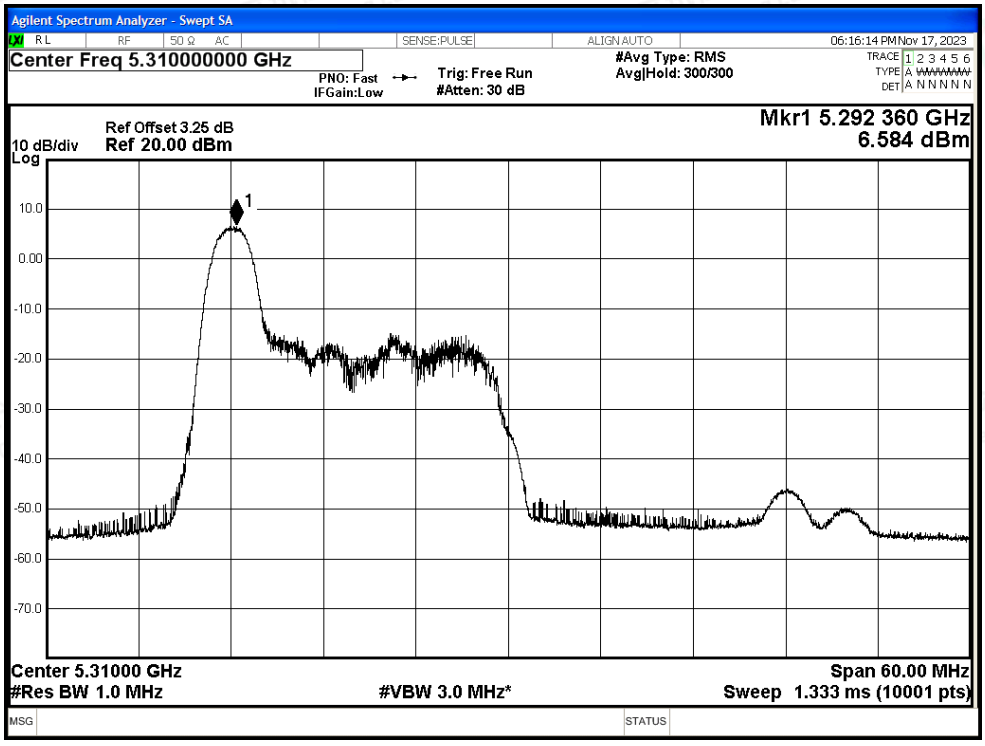
PSD NVNT ax20 5320MHz Ant1



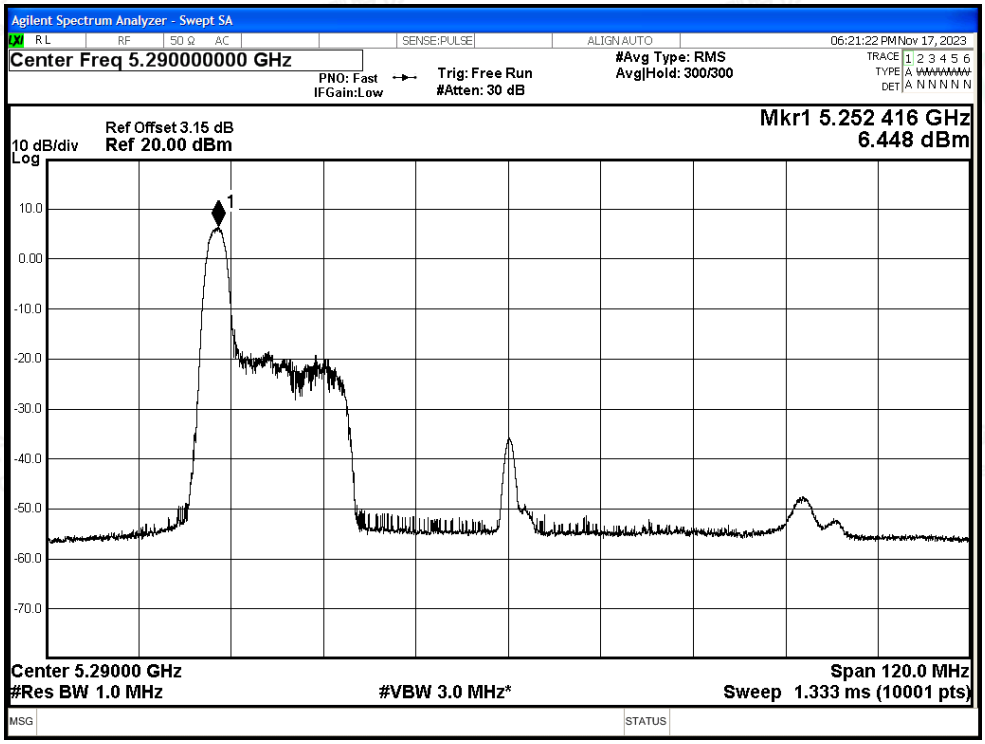
PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1

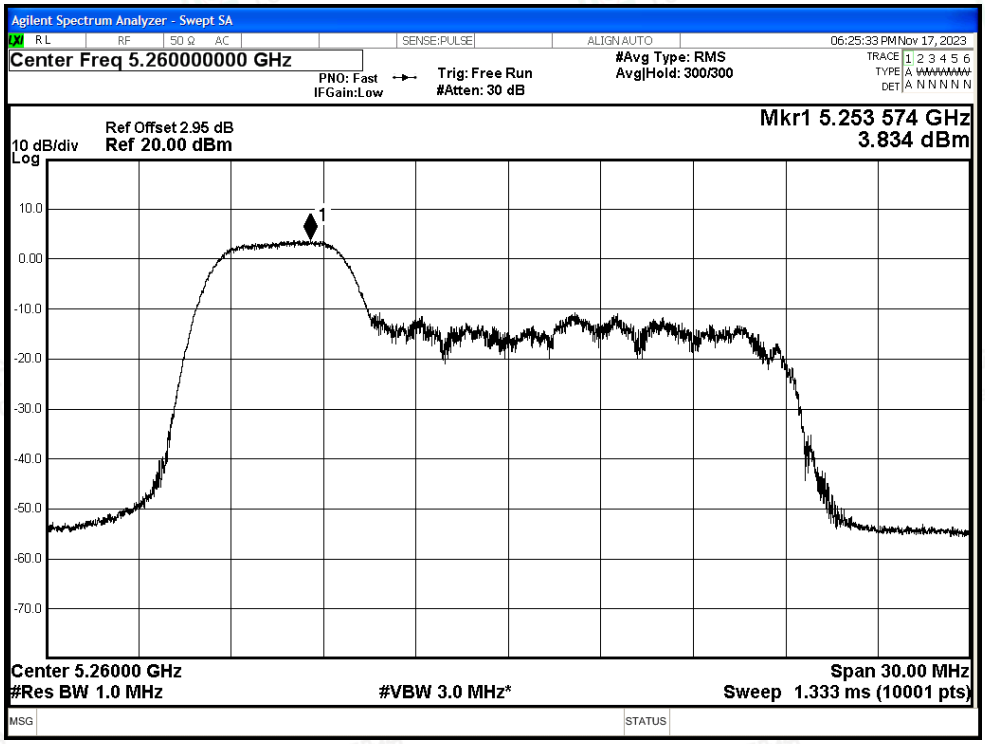


PSD NVNT ax80 5290MHz Ant1

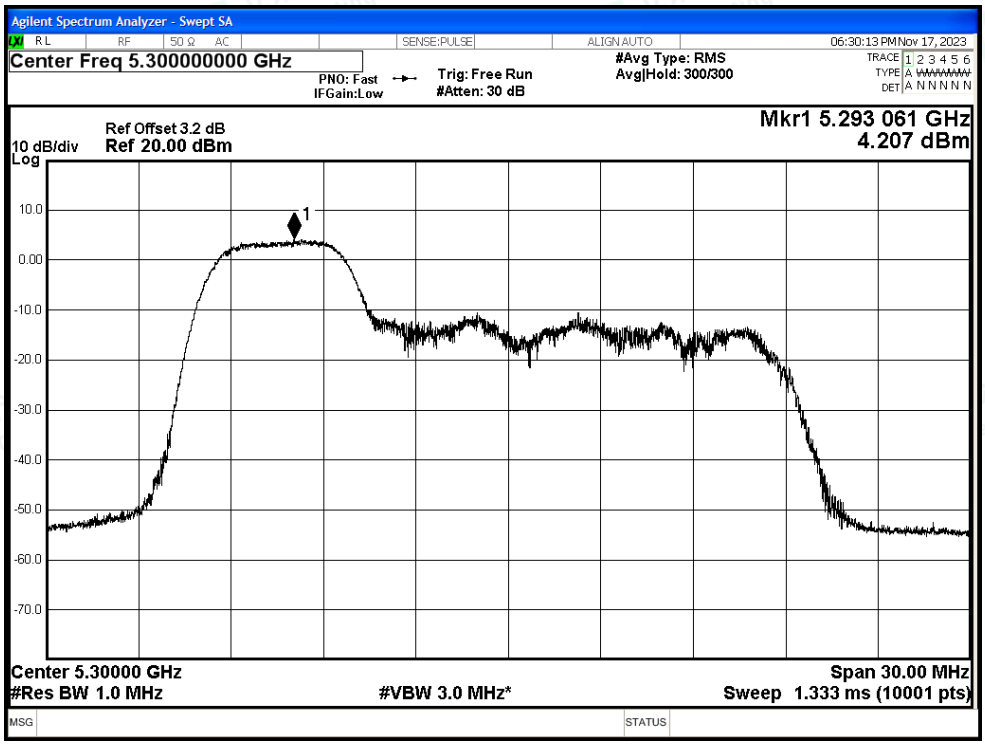


Test Graphs

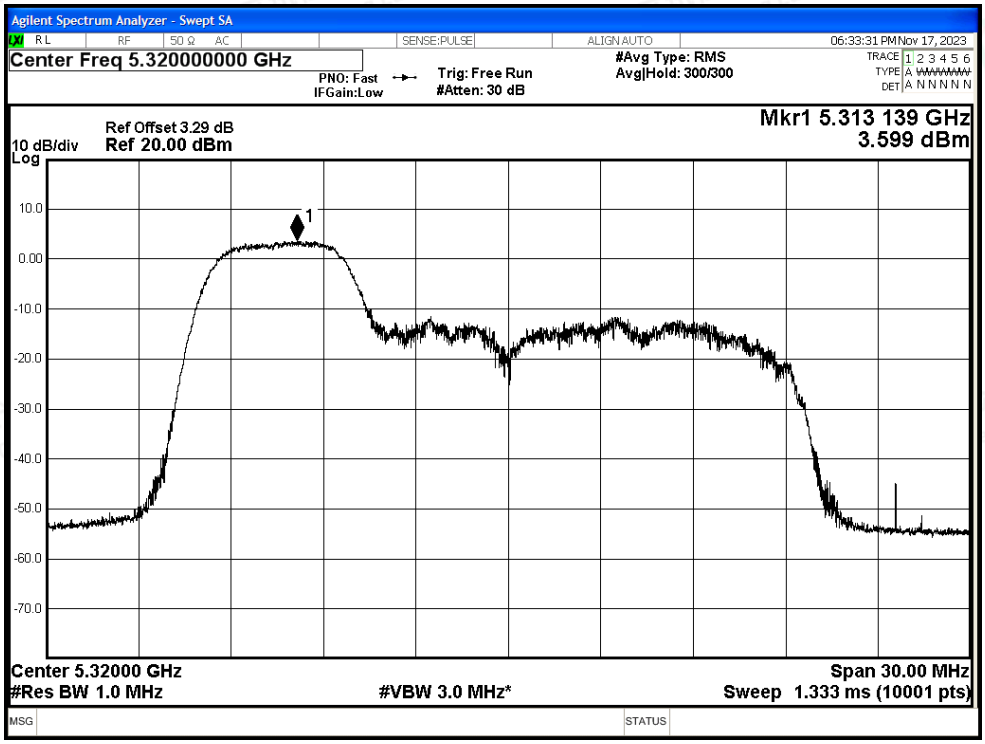
PSD NVNT ax20 5260MHz Ant1



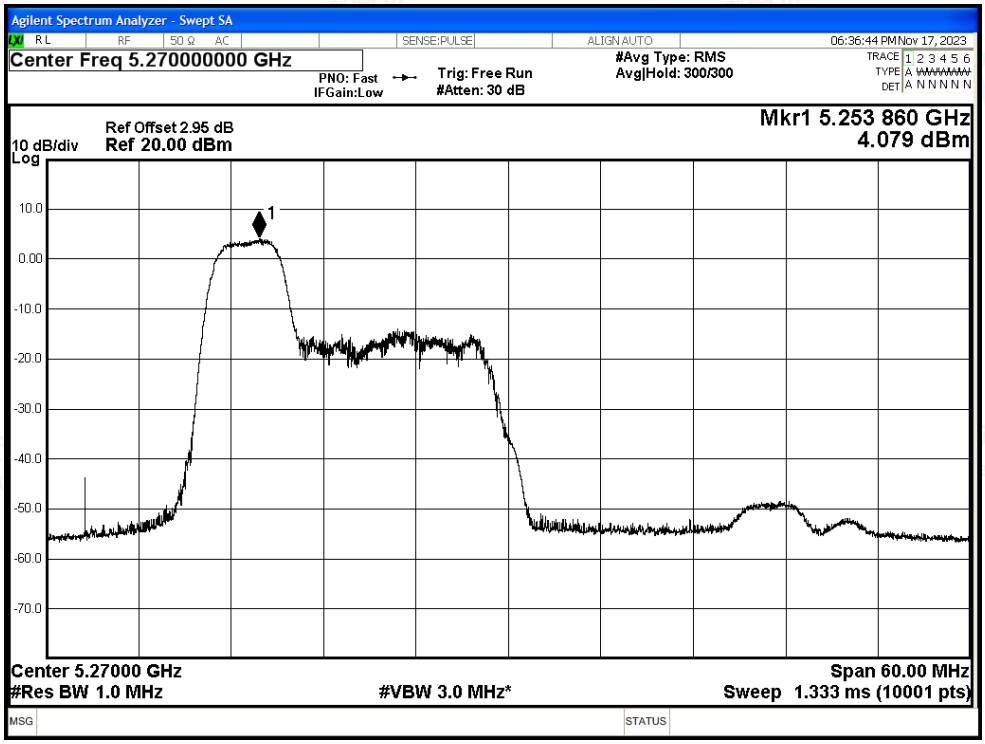
PSD NVNT ax20 5300MHz Ant1



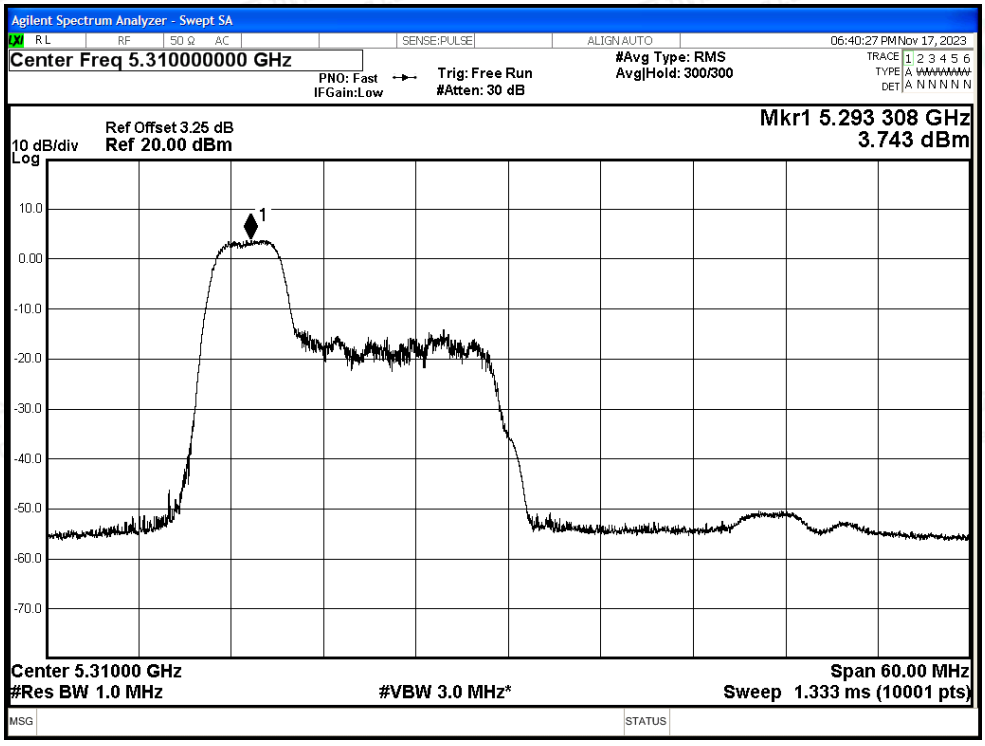
PSD NVNT ax20 5320MHz Ant1



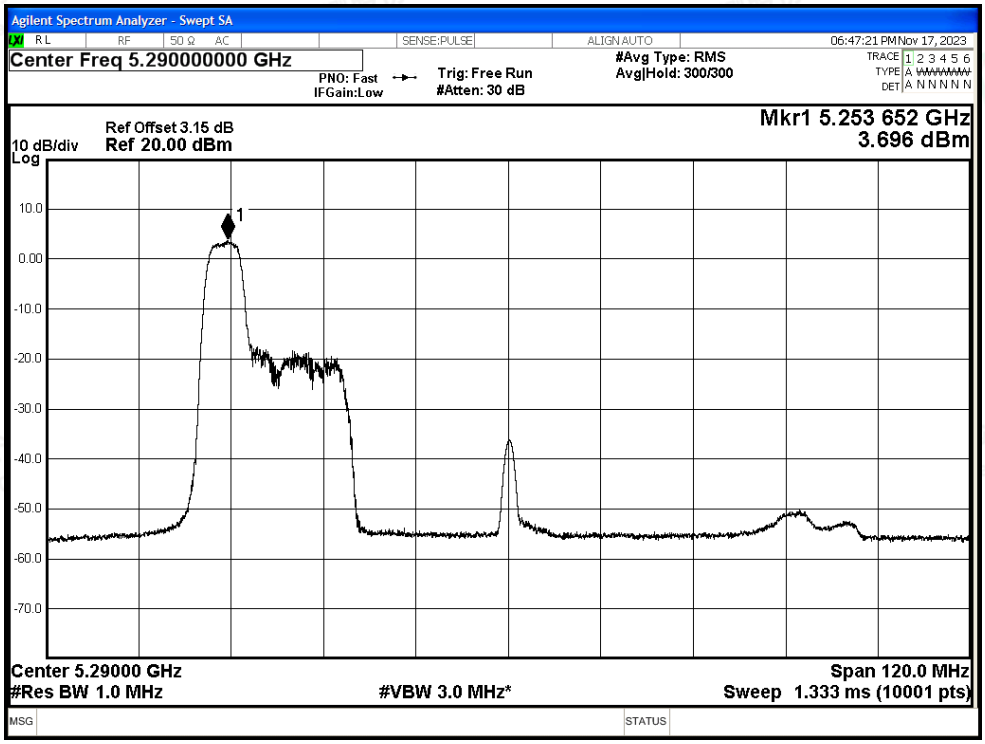
PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1

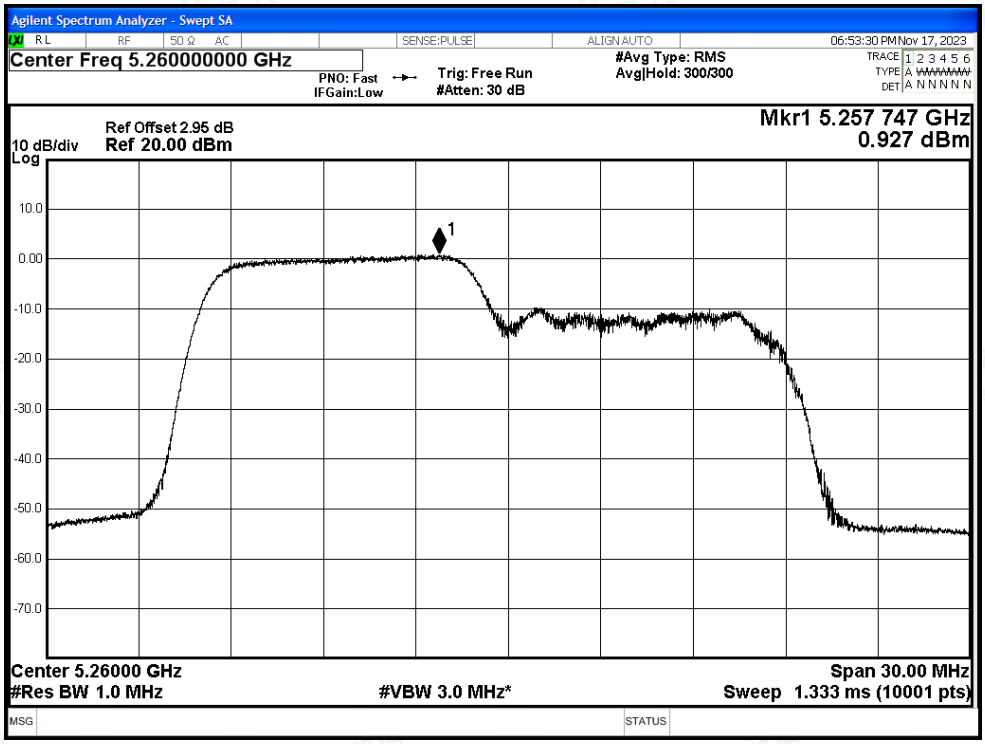


PSD NVNT ax80 5290MHz Ant1

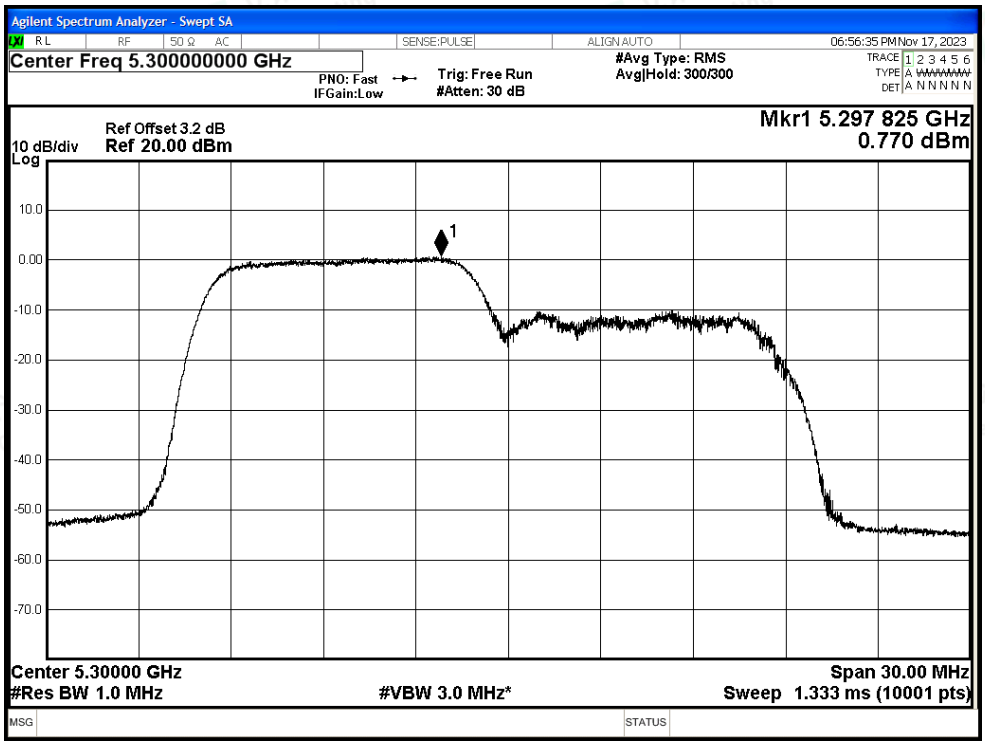


Test Graphs

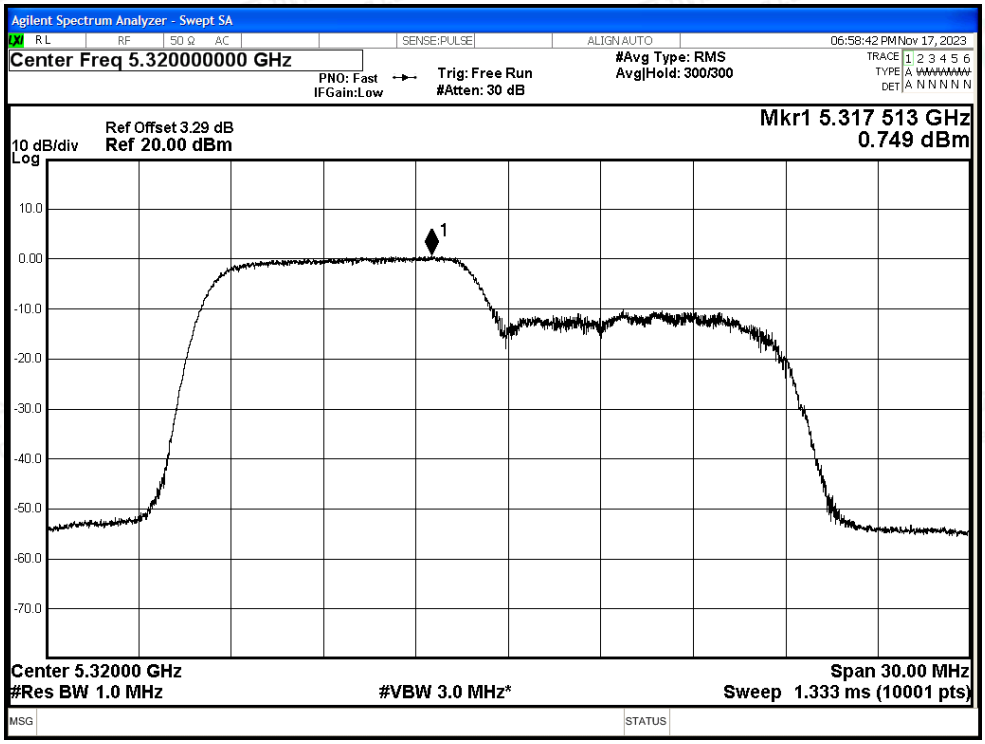
PSD NVNT ax20 5260MHz Ant1



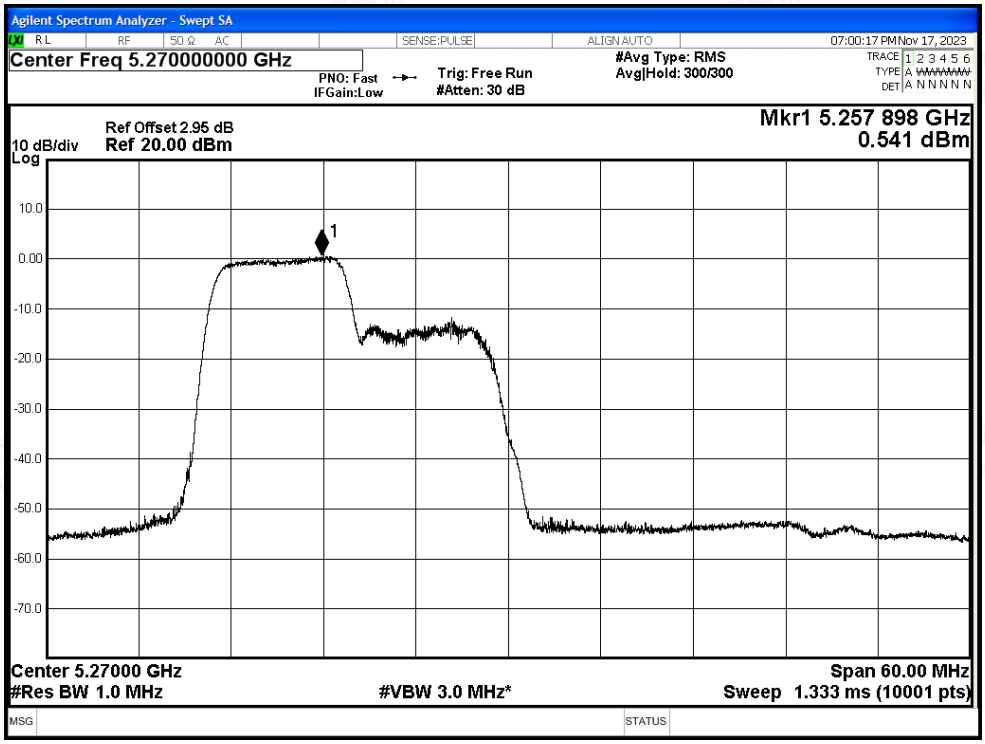
PSD NVNT ax20 5300MHz Ant1



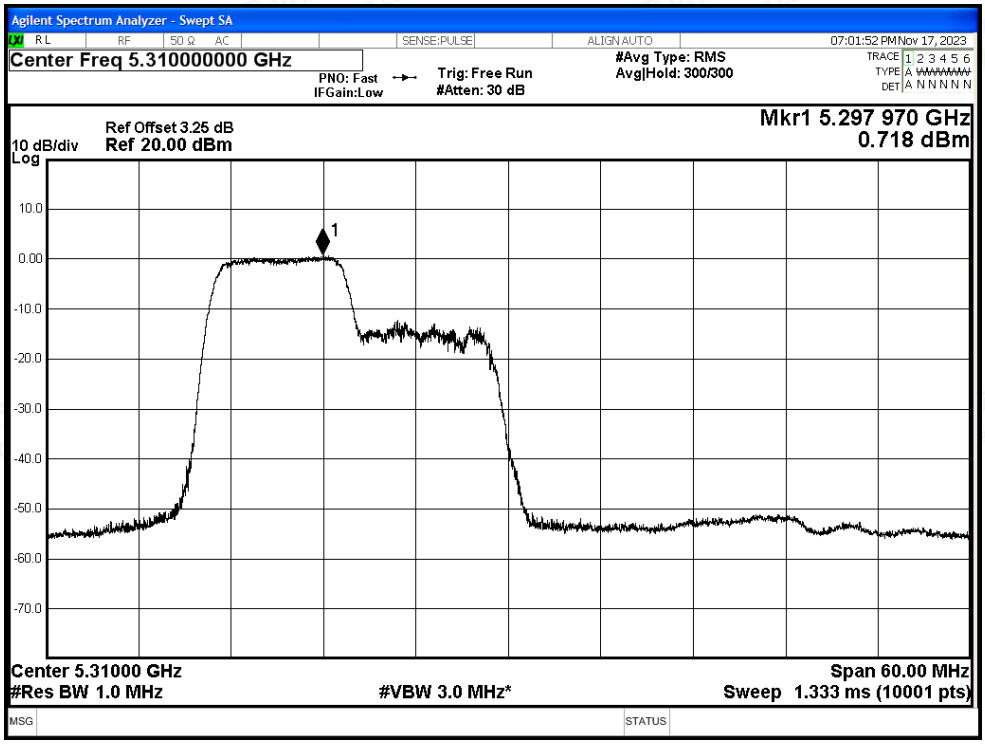
PSD NVNT ax20 5320MHz Ant1



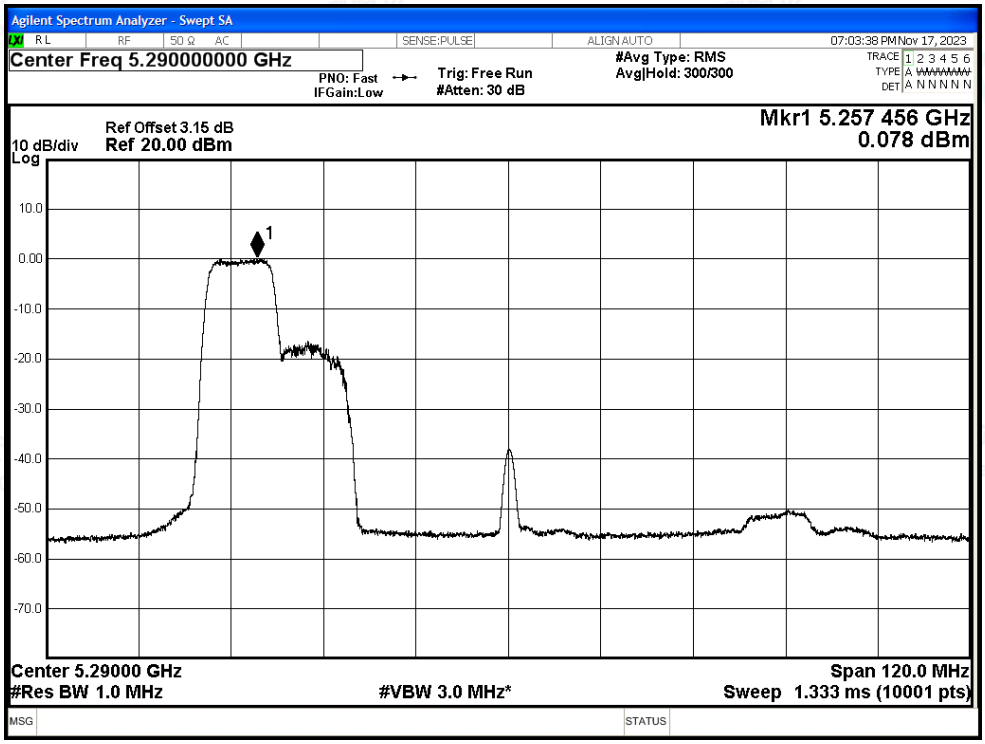
PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1

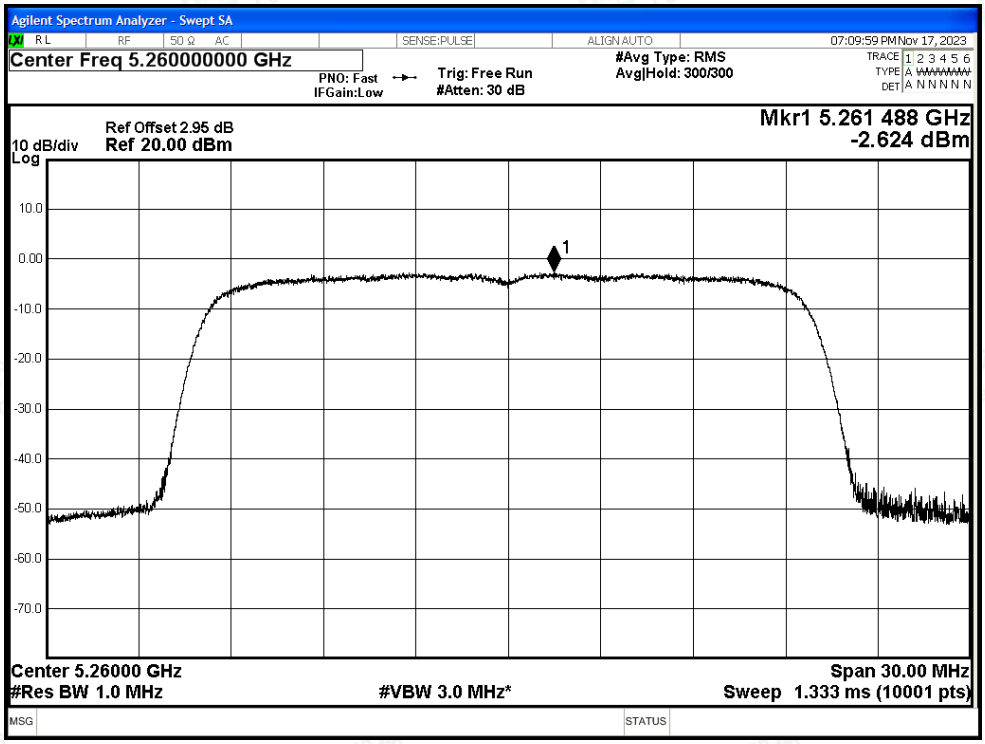


PSD NVNT ax80 5290MHz Ant1

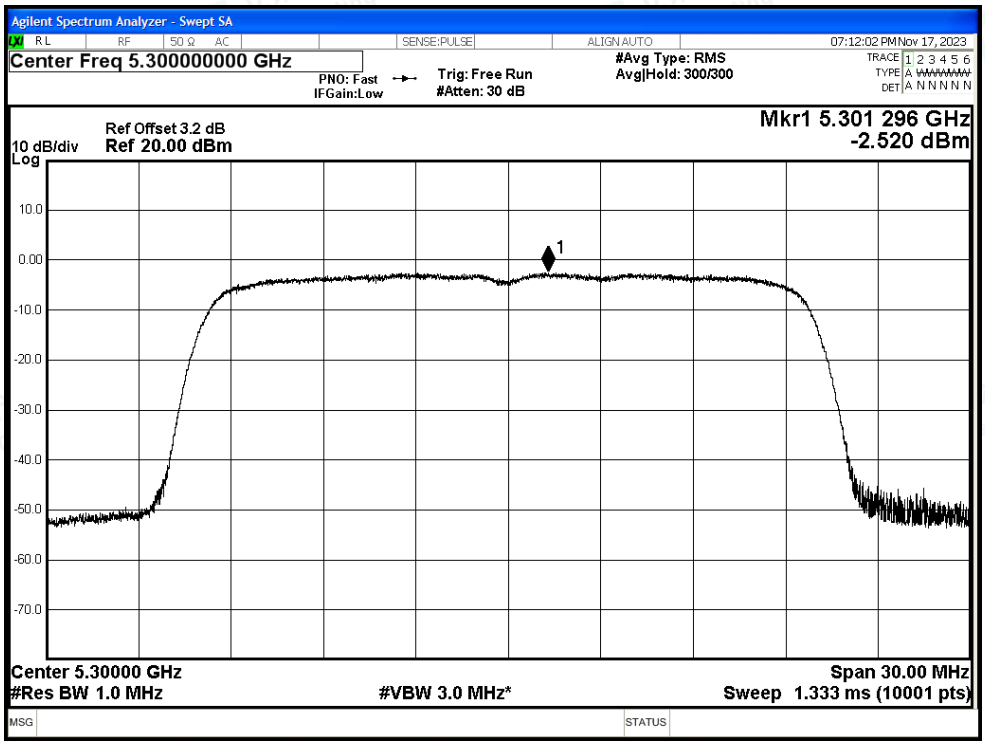


Test Graphs

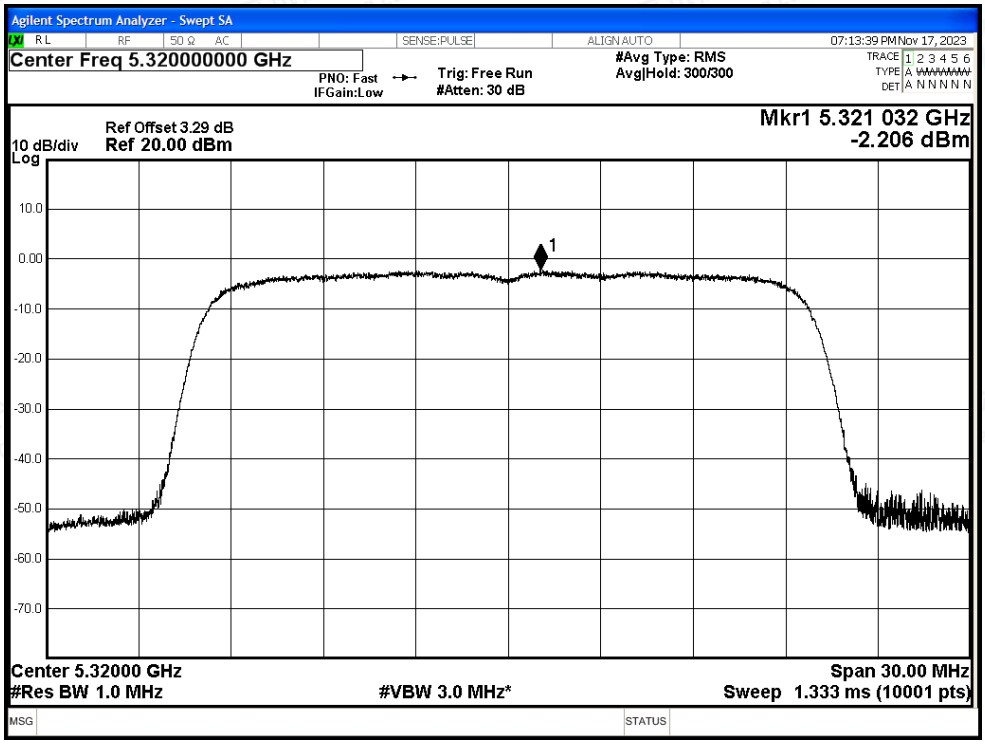
PSD NVNT ax20 5260MHz Ant1



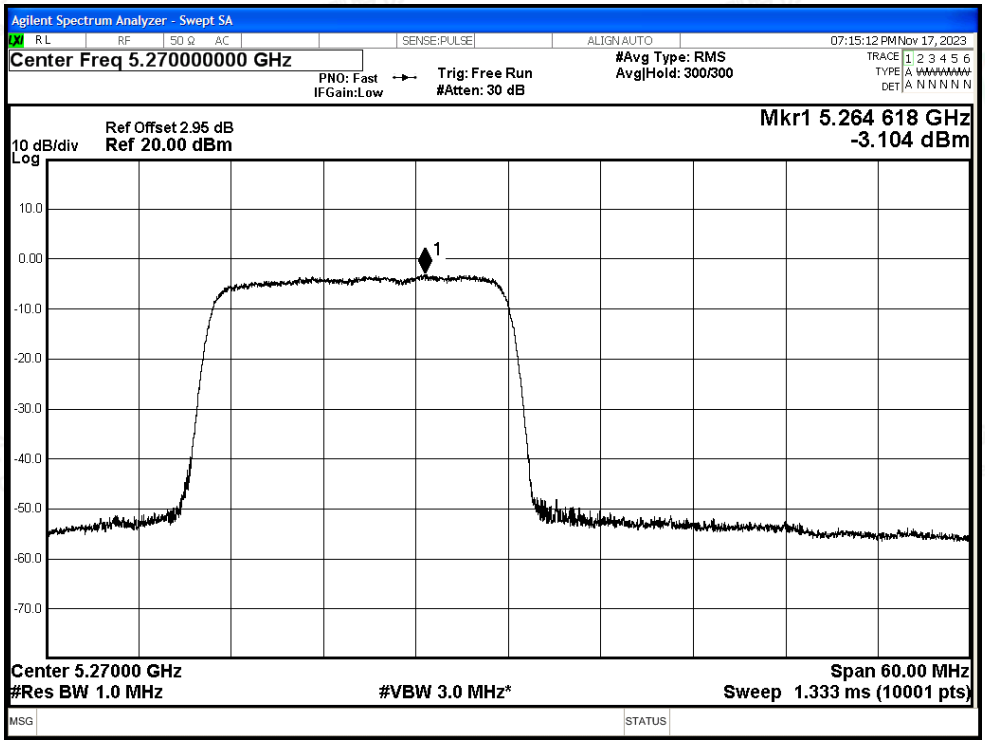
PSD NVNT ax20 5300MHz Ant1



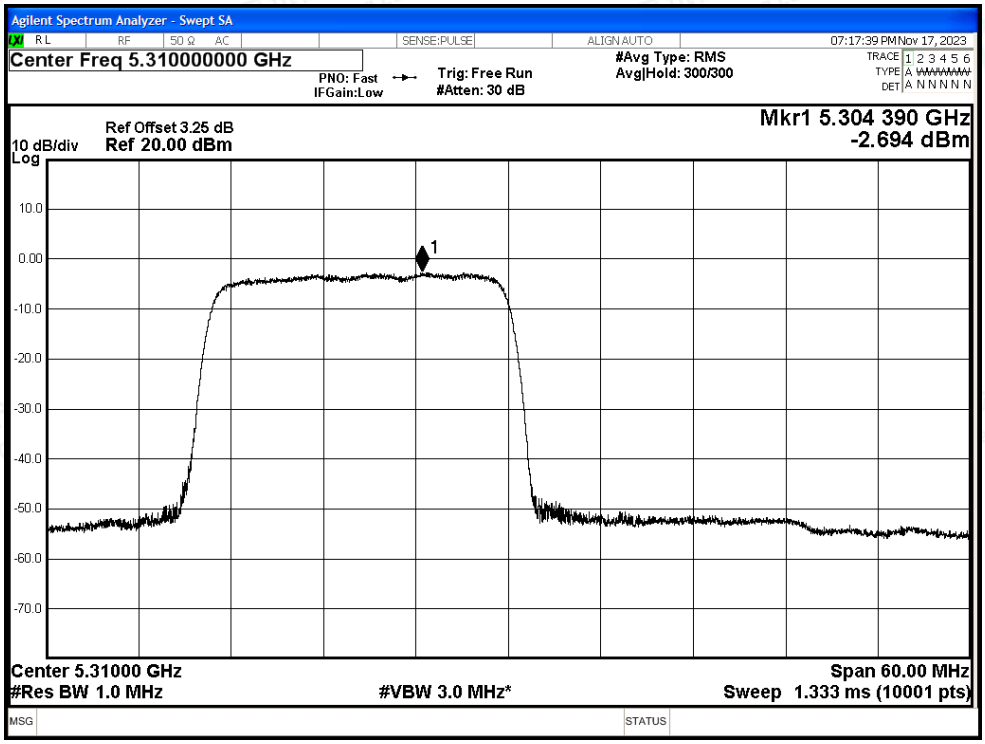
PSD NVNT ax20 5320MHz Ant1



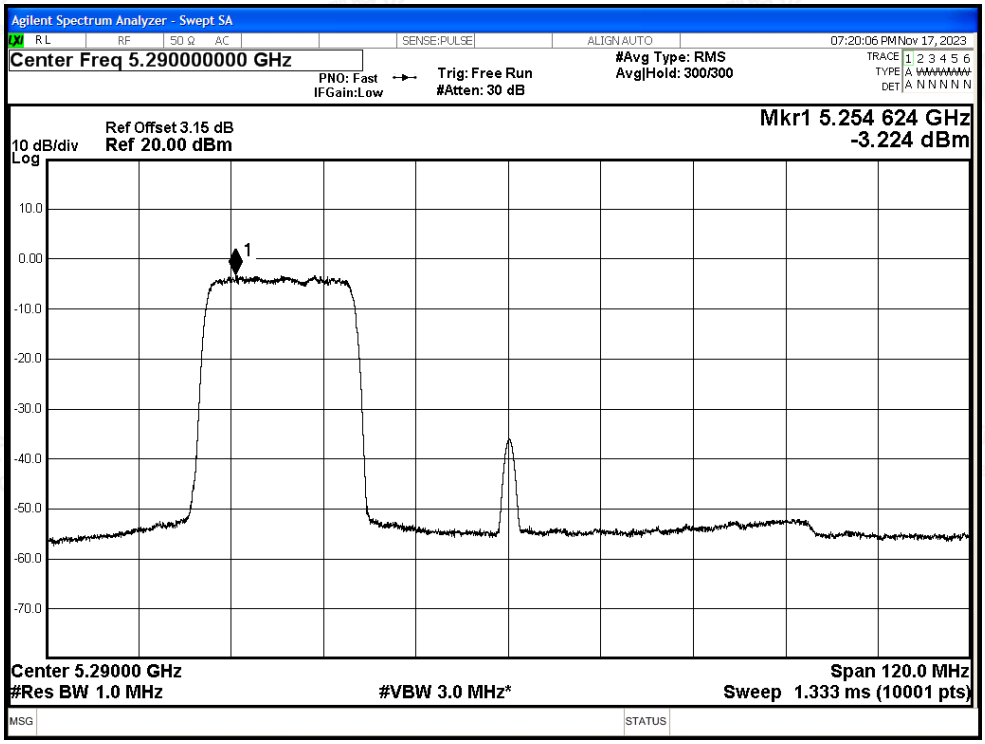
PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1

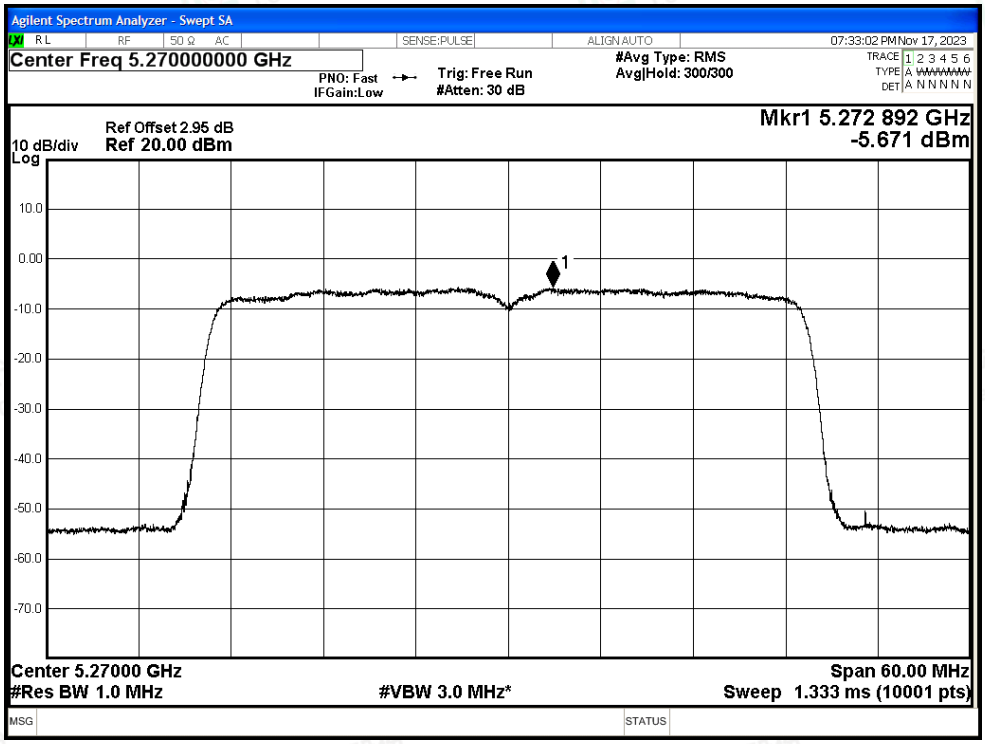


PSD NVNT ax80 5290MHz Ant1

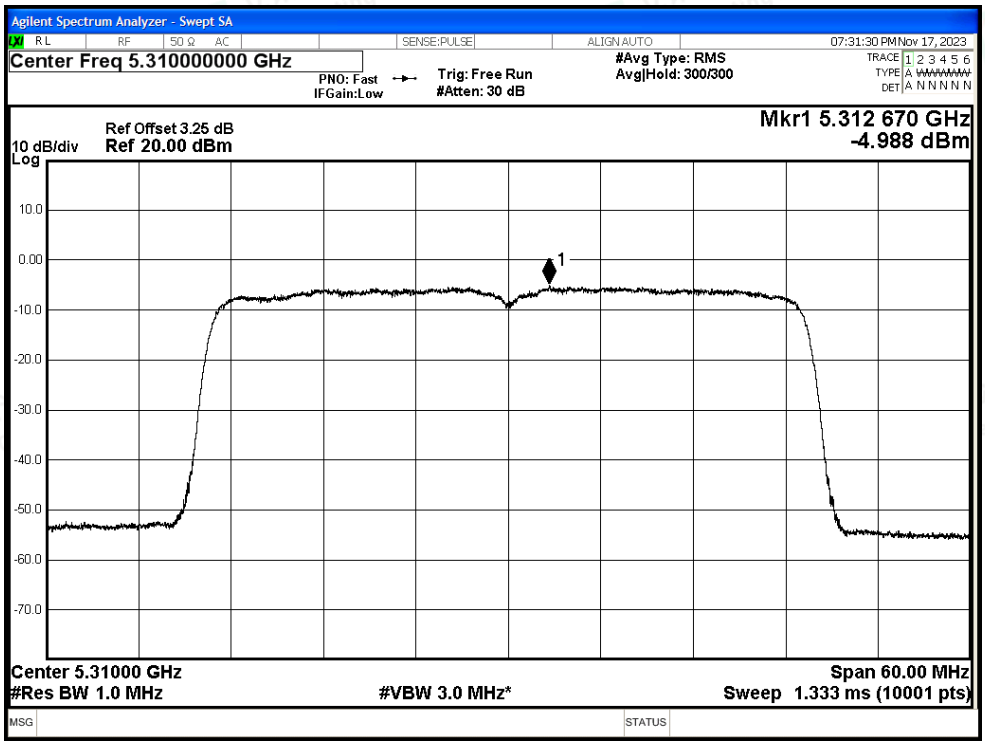


Test Graphs

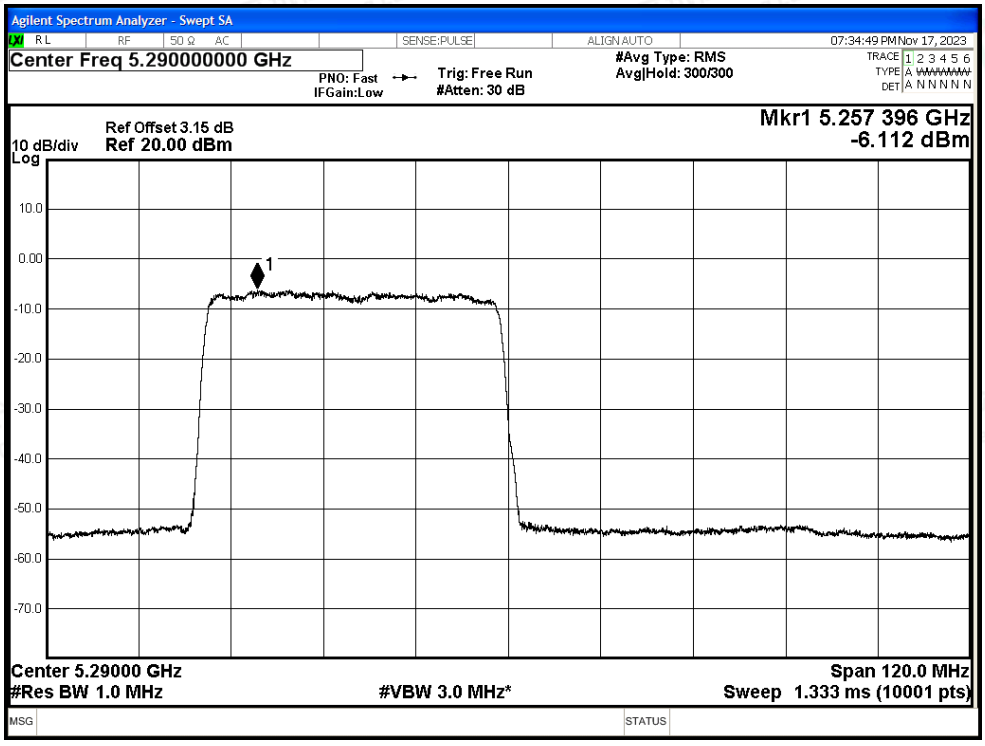
PSD NVNT ax40 5270MHz Ant1



PSD NVNT ax40 5310MHz Ant1

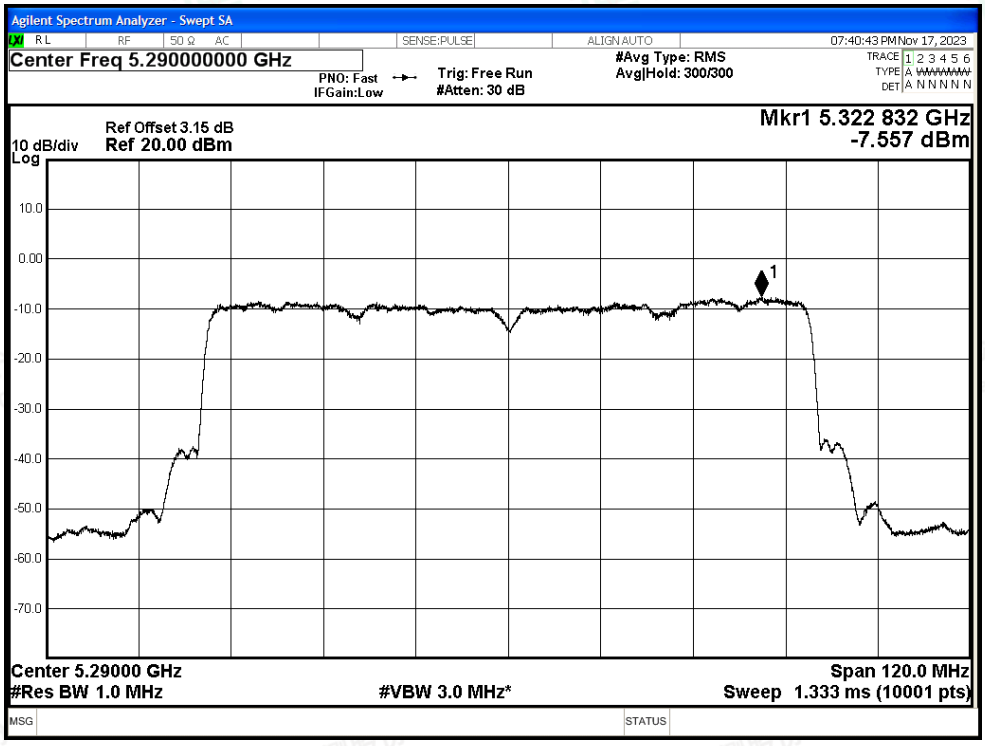


PSD NVNT ax80 5290MHz Ant1



Test Graphs

PSD NVNT ax80 5290MHz Ant1



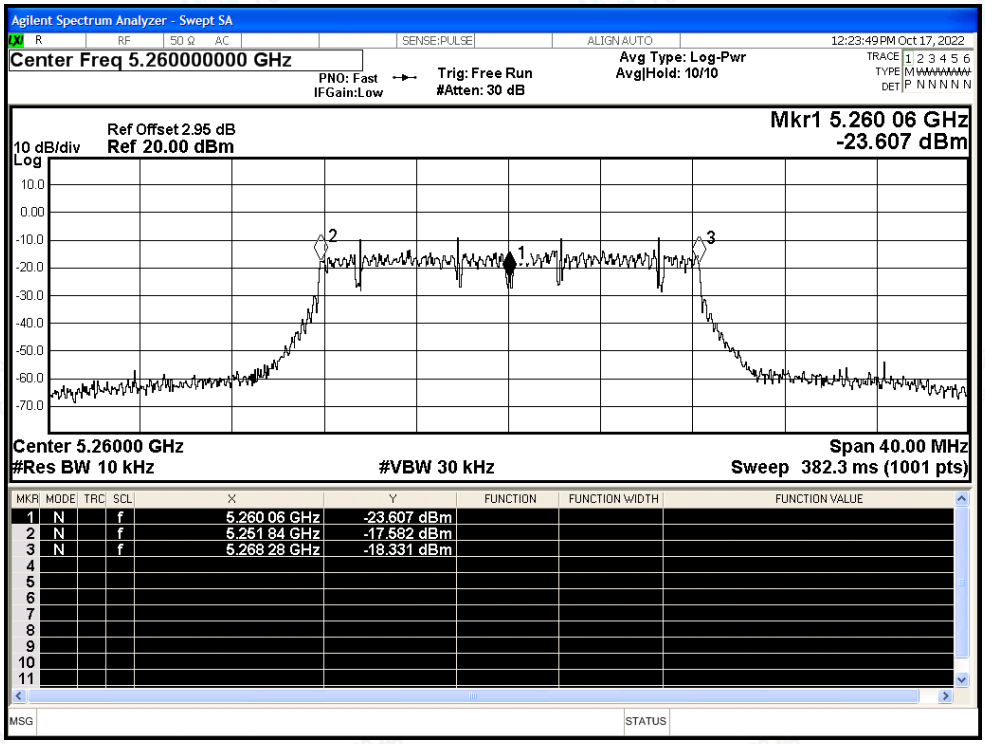
A.4 Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ac20	5260	Ant0	5260.06	60000	11.41	25	Pass
NVNT	ac20	5300	Ant0	5300.04	40000	7.55	25	Pass
NVNT	ac20	5320	Ant0	5320.08	80000	15.04	25	Pass
NVNT	ac40	5270	Ant0	5270.08	80000	15.18	25	Pass
NVNT	ac40	5310	Ant0	5310.08	80000	15.07	25	Pass
NVNT	ac80	5290	Ant0	5290	0	0	25	Pass
NVNT	ax20	5260	Ant0	5260.06	60000	11.41	25	Pass
NVNT	ax20	5300	Ant0	5300.06	60000	11.32	25	Pass
NVNT	ax20	5320	Ant0	5320.06	60000	11.28	25	Pass
NVNT	ax40	5270	Ant0	5270.04	40000	7.59	25	Pass
NVNT	ax40	5310	Ant0	5310.04	40000	7.53	25	Pass
NVNT	ax80	5290	Ant0	5290.08	80000	15.12	25	Pass

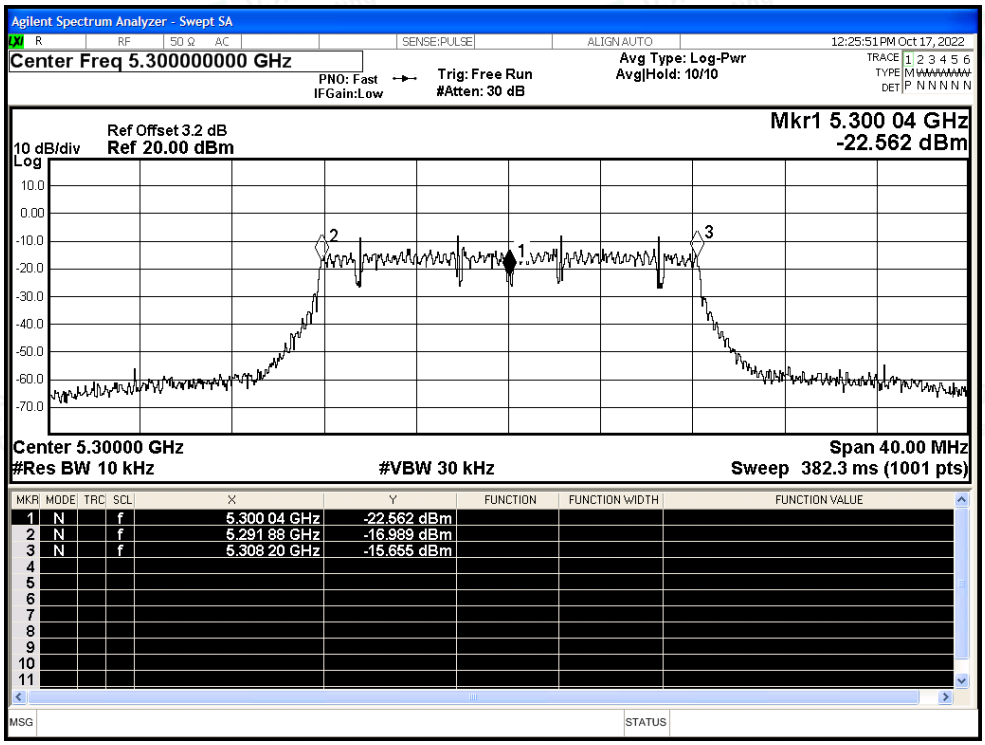
Measured Frequency= (Flow + Fhigh) / 2

Test Graphs

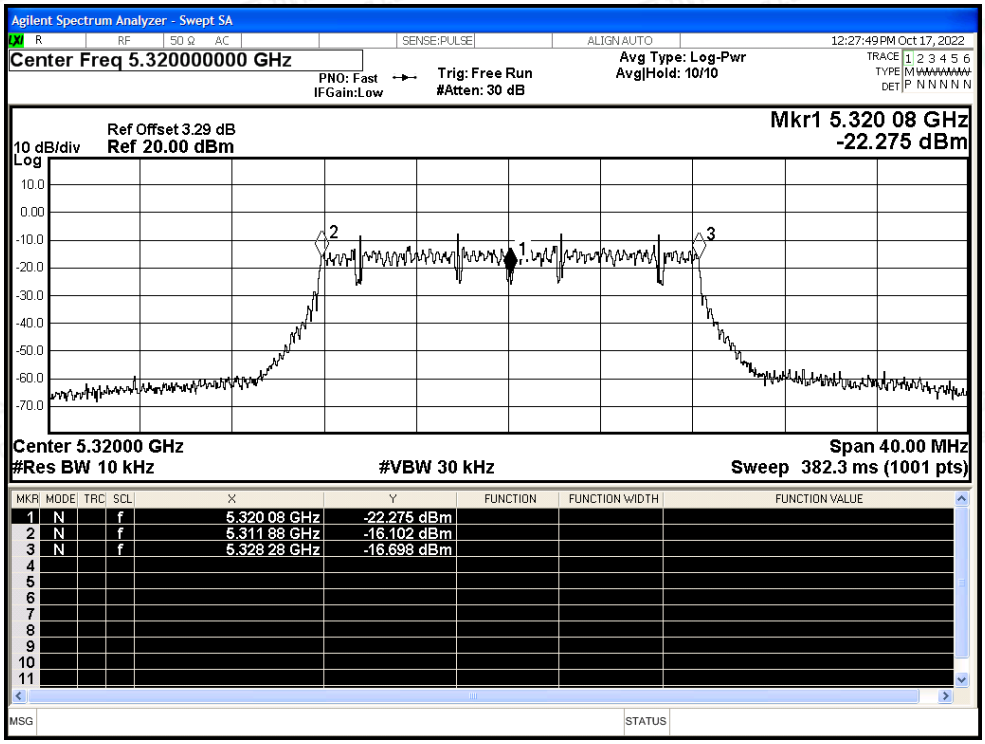
Freq. Stability NVNT ac20 5260MHz Ant0



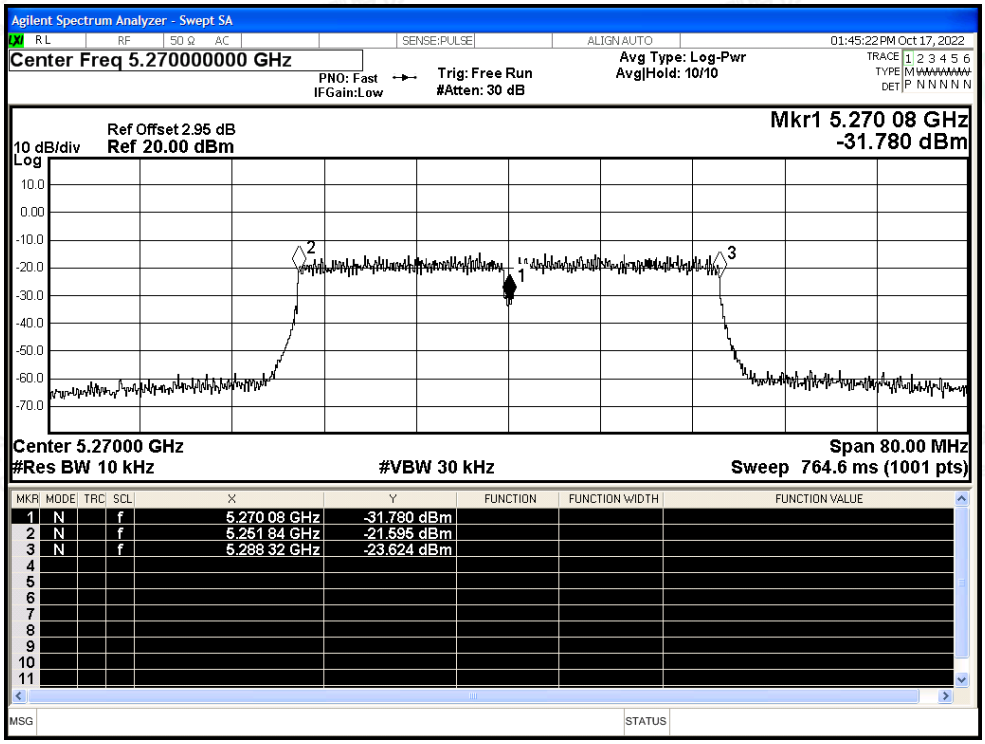
Freq. Stability NVNT ac20 5300MHz Ant0



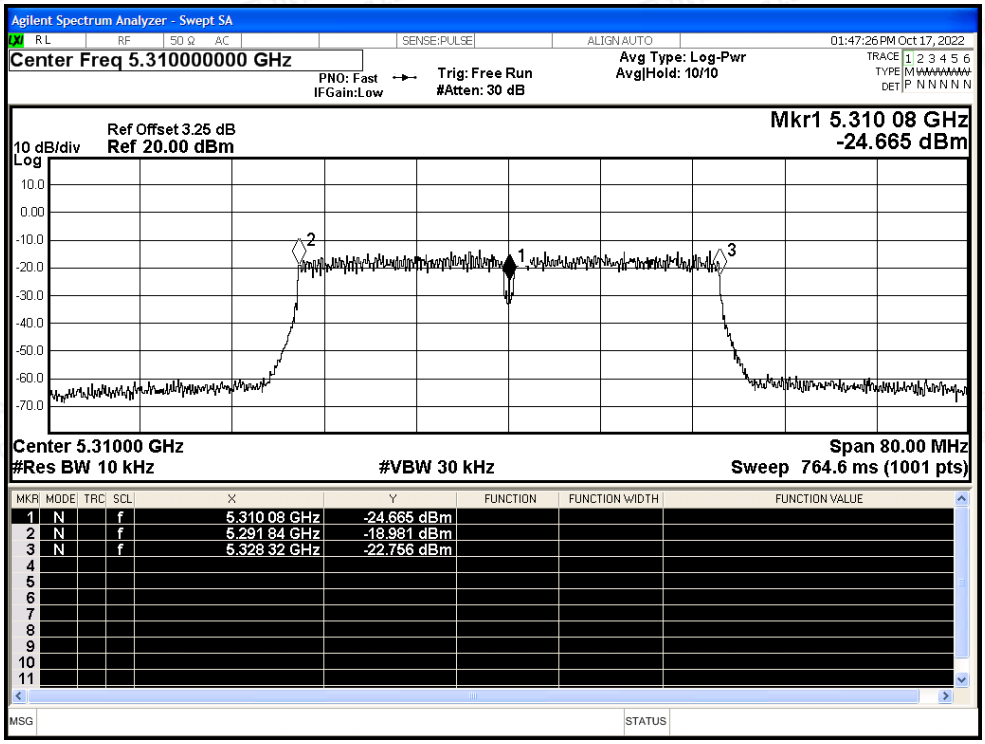
Freq. Stability NVNT ac20 5320MHz Ant0



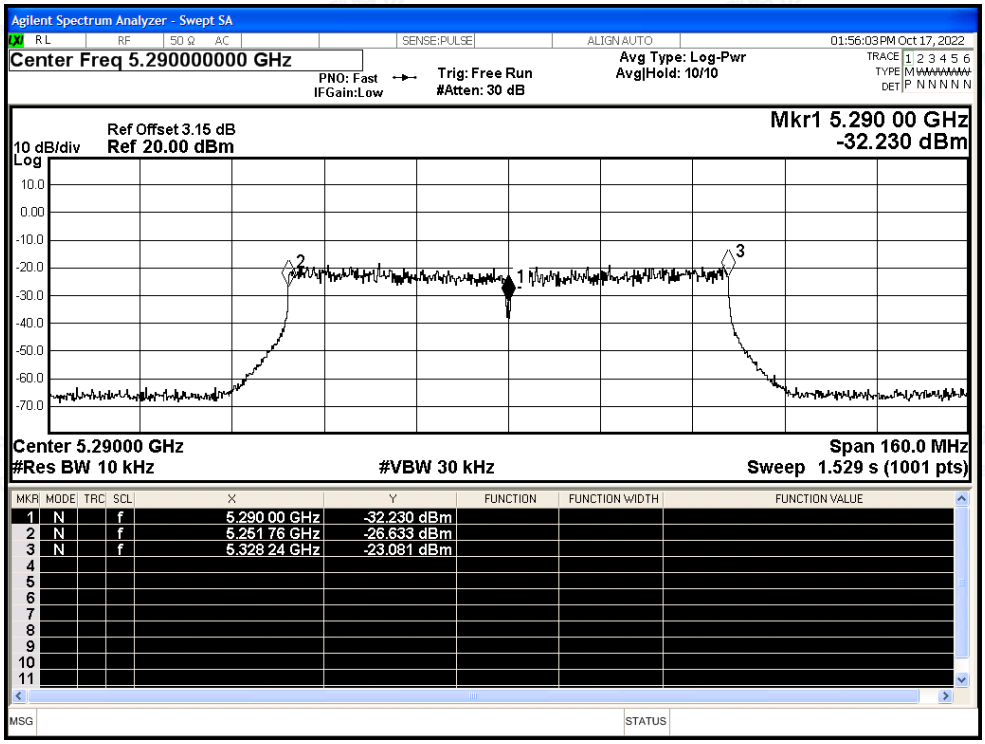
Freq. Stability NVNT ac40 5270MHz Ant0



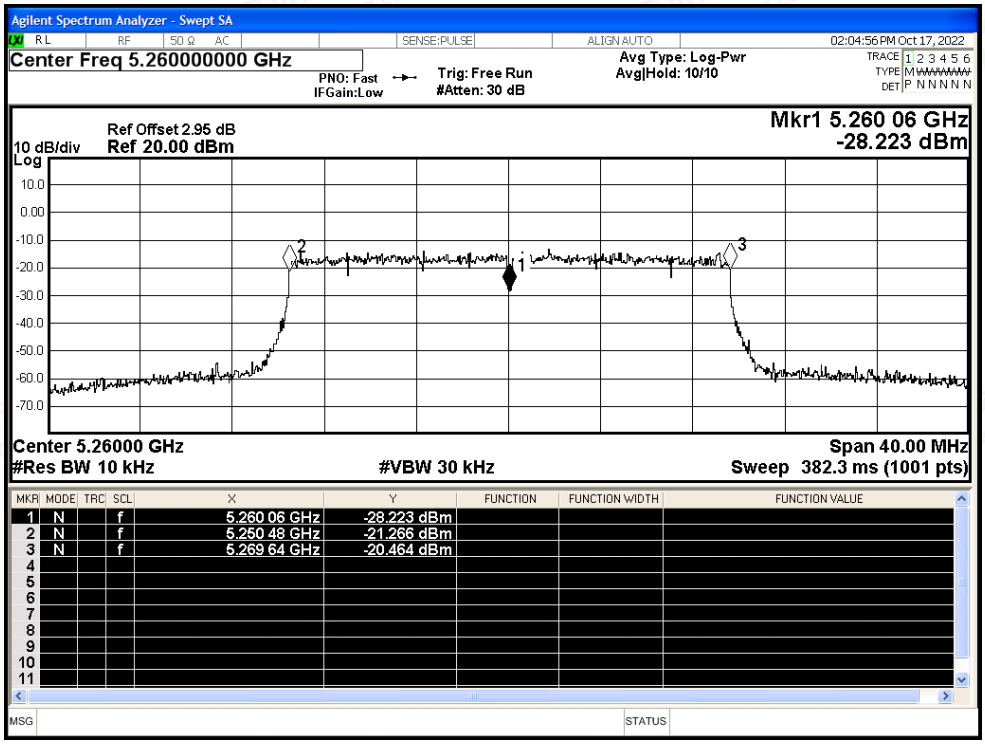
Freq. Stability NVNT ac40 5310MHz Ant0



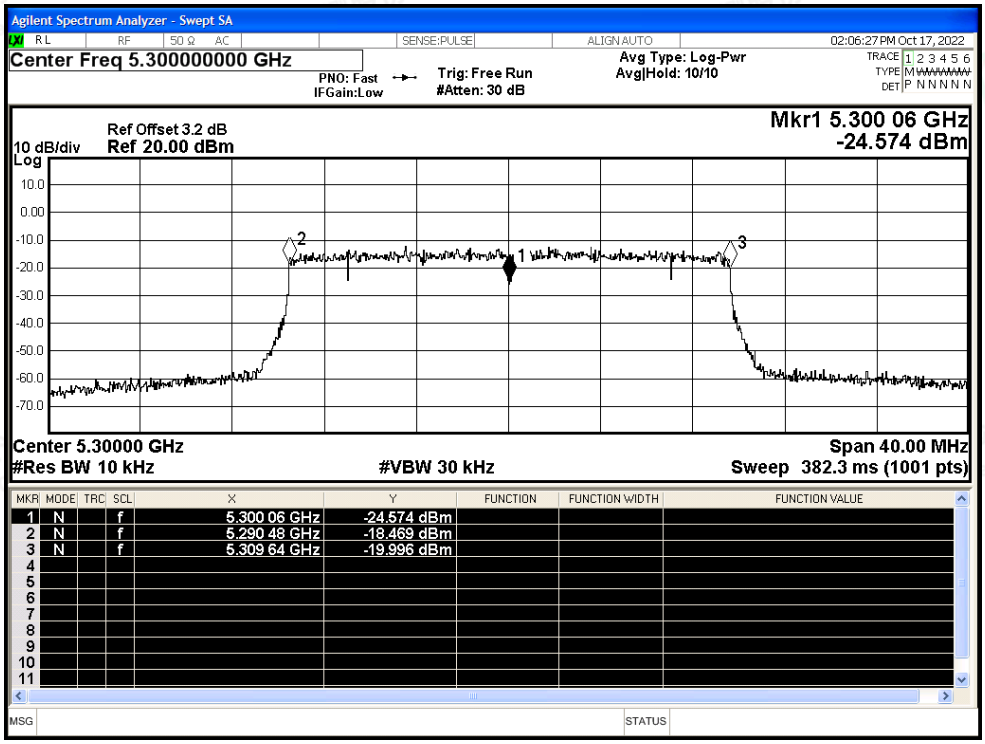
Freq. Stability NVNT ac80 5290MHz Ant0



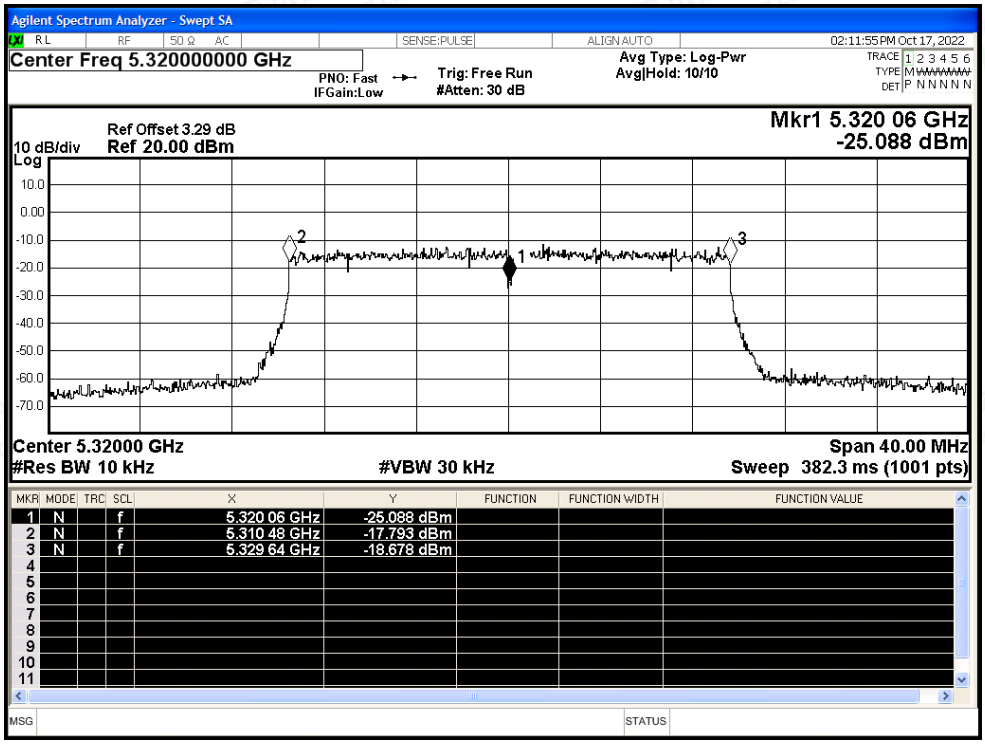
Freq. Stability NVNT ax20 5260MHz Ant0



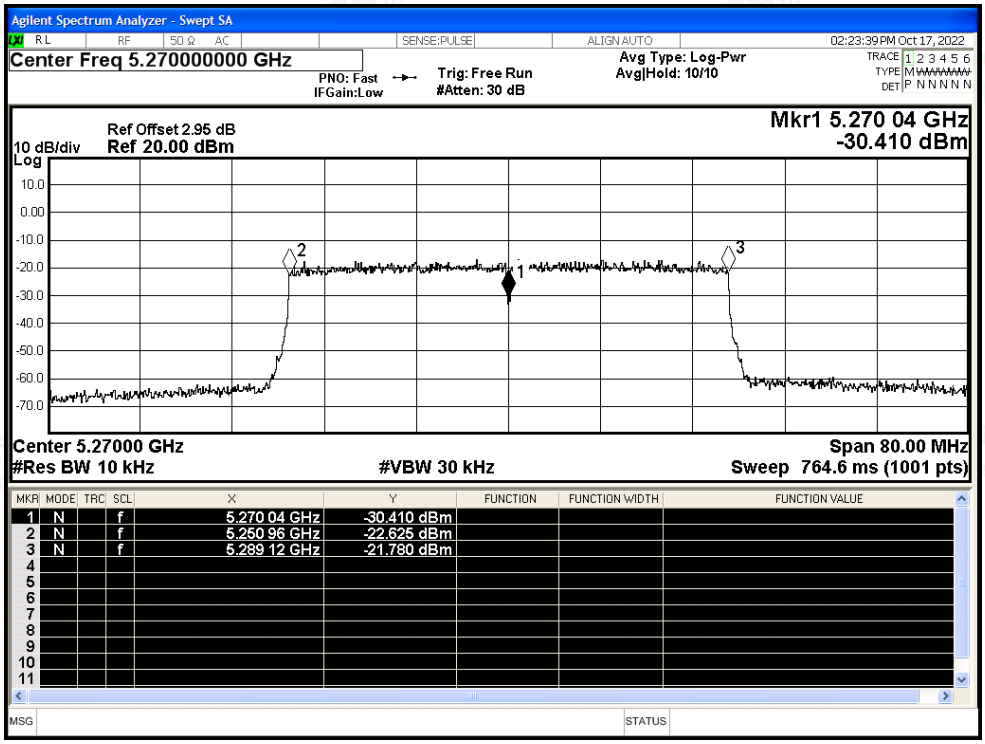
Freq. Stability NVNT ax20 5300MHz Ant0



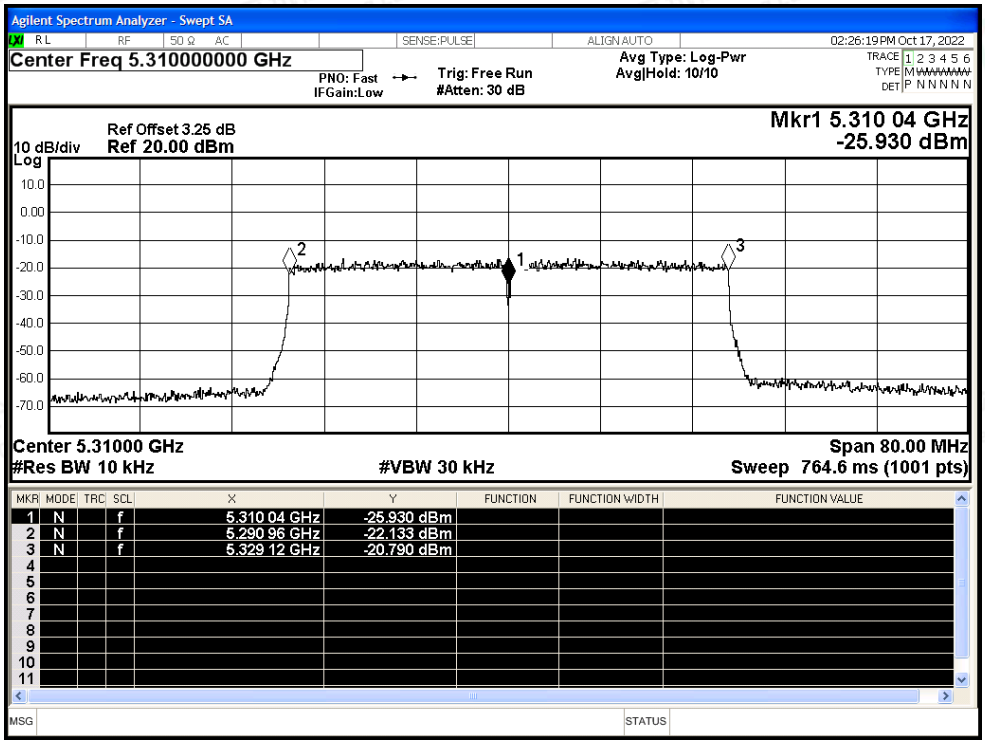
Freq. Stability NVNT ax20 5320MHz Ant0



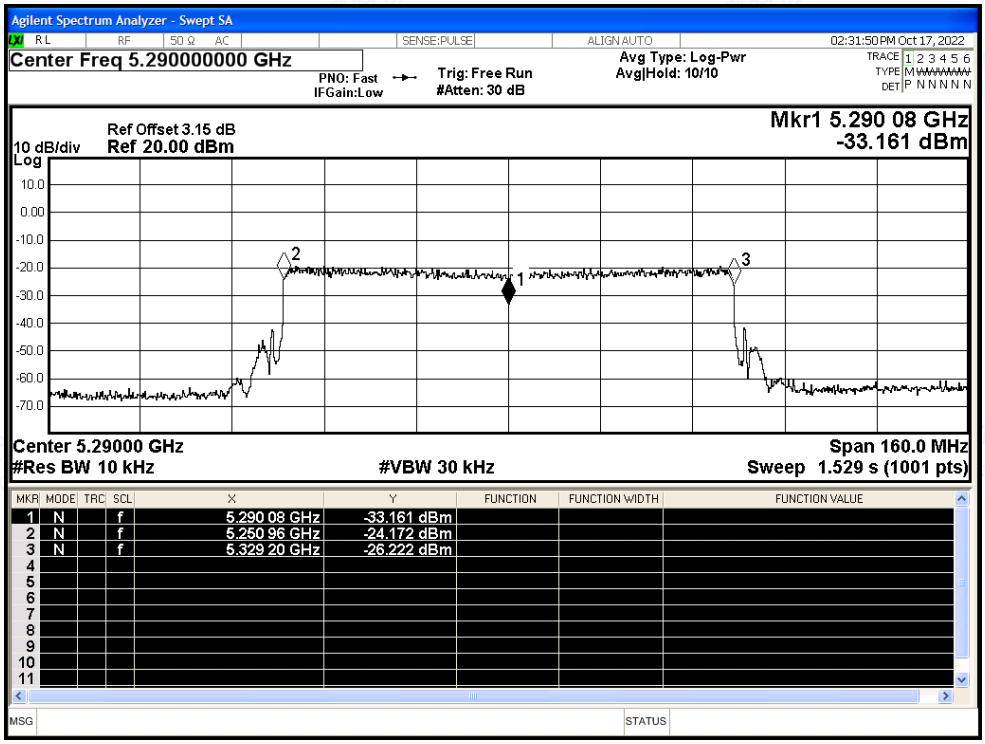
Freq. Stability NVNT ax40 5270MHz Ant0



Freq. Stability NVNT ax40 5310MHz Ant0



Freq. Stability NVNT ax80 5290MHz Ant0

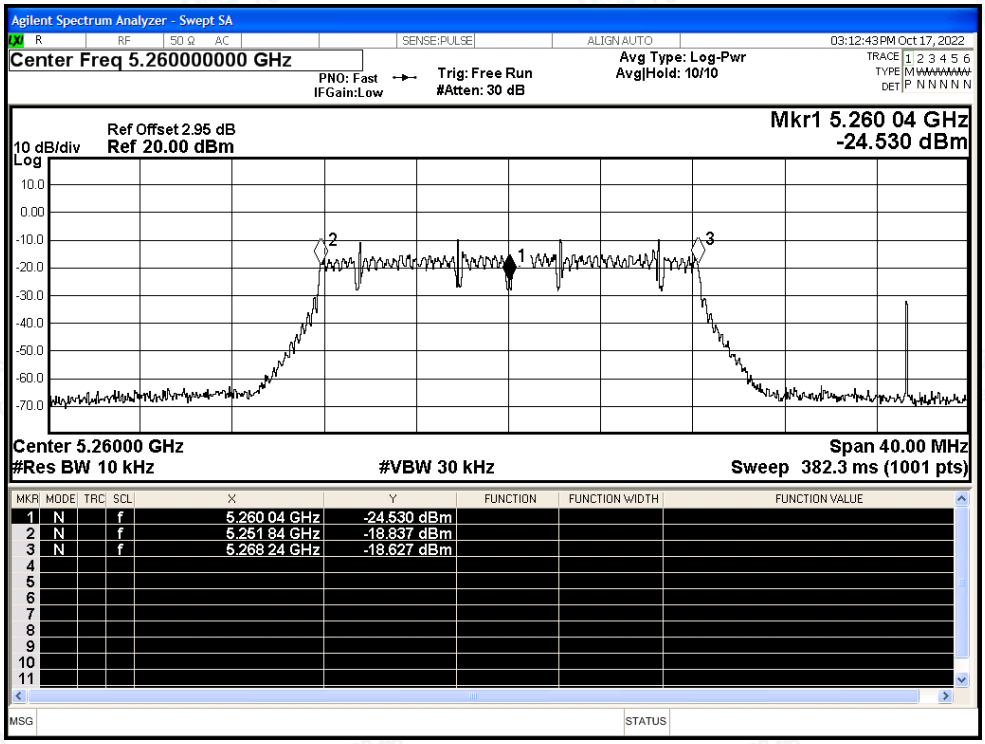


Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)
NVNT	ac20	5260	Ant1	5260.04	40000	7.6
NVNT	ac20	5300	Ant1	5300.06	60000	11.32
NVNT	ac20	5320	Ant1	5320.06	60000	11.28
NVNT	ac40	5270	Ant1	5270.04	40000	7.59
NVNT	ac40	5310	Ant1	5310.04	40000	7.53
NVNT	ac80	5290	Ant1	5290	0	0
NVNT	ax20	5260	Ant1	5260.04	40000	7.6
NVNT	ax20	5300	Ant1	5300.04	40000	7.55
NVNT	ax20	5320	Ant1	5320.04	40000	7.52
NVNT	ax40	5270	Ant1	5270.04	40000	7.59
NVNT	ax40	5310	Ant1	5310.04	40000	7.53
NVNT	ax80	5290	Ant1	5290.08	80000	15.12

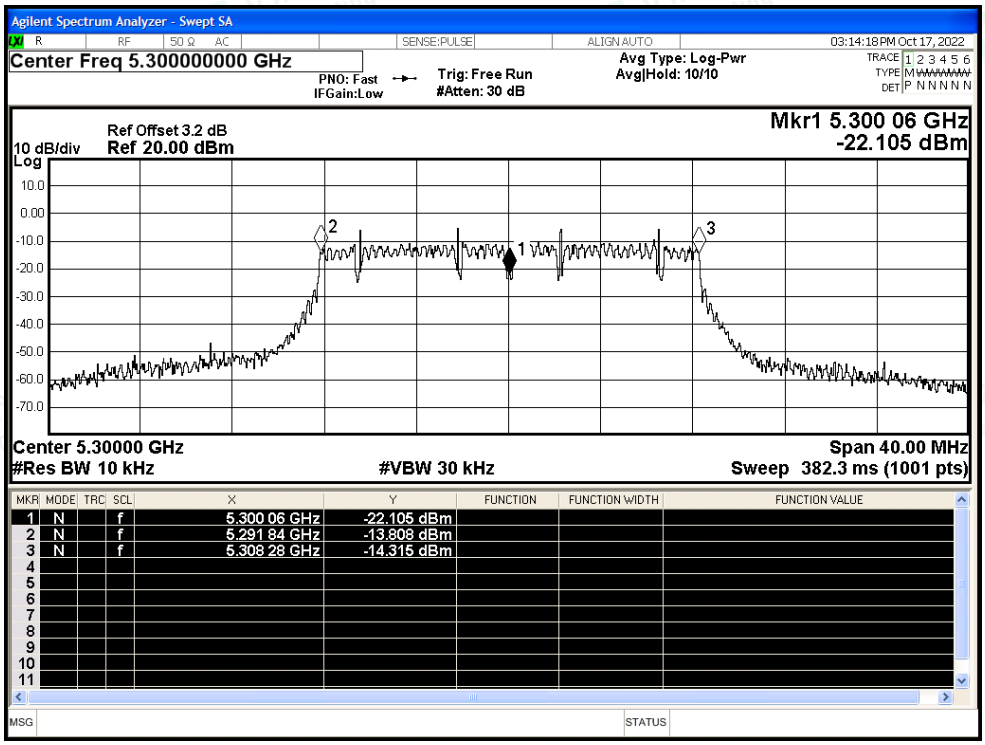
Measured Frequency= (Flow + Fhigh) / 2

Test Graphs

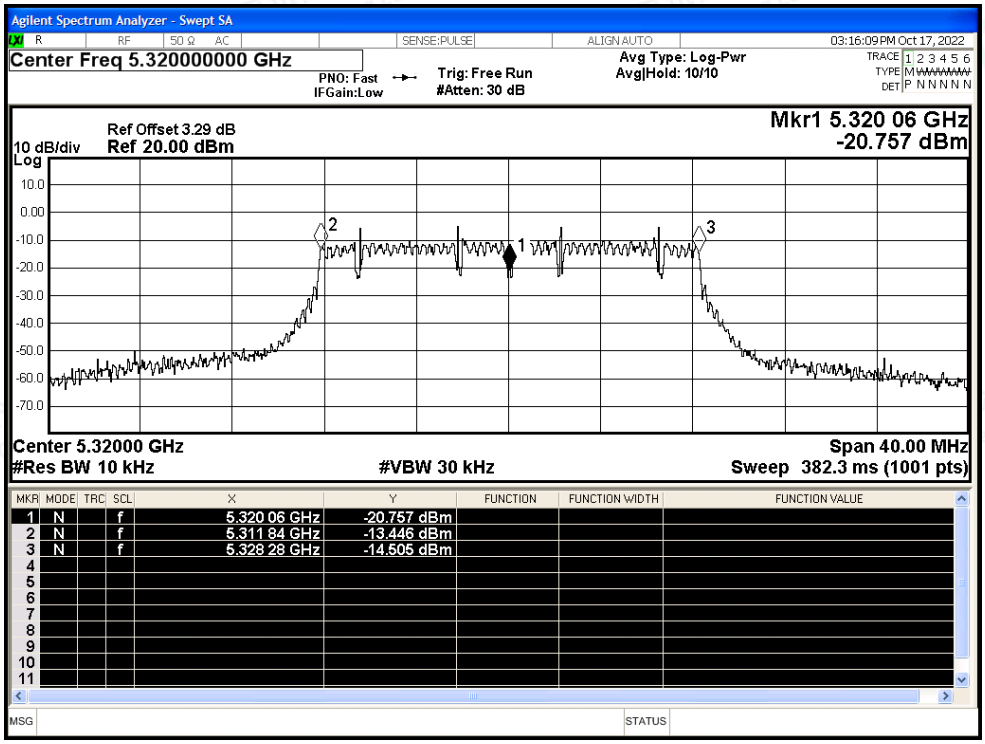
Freq. Stability NVNT ac20 5260MHz Ant1



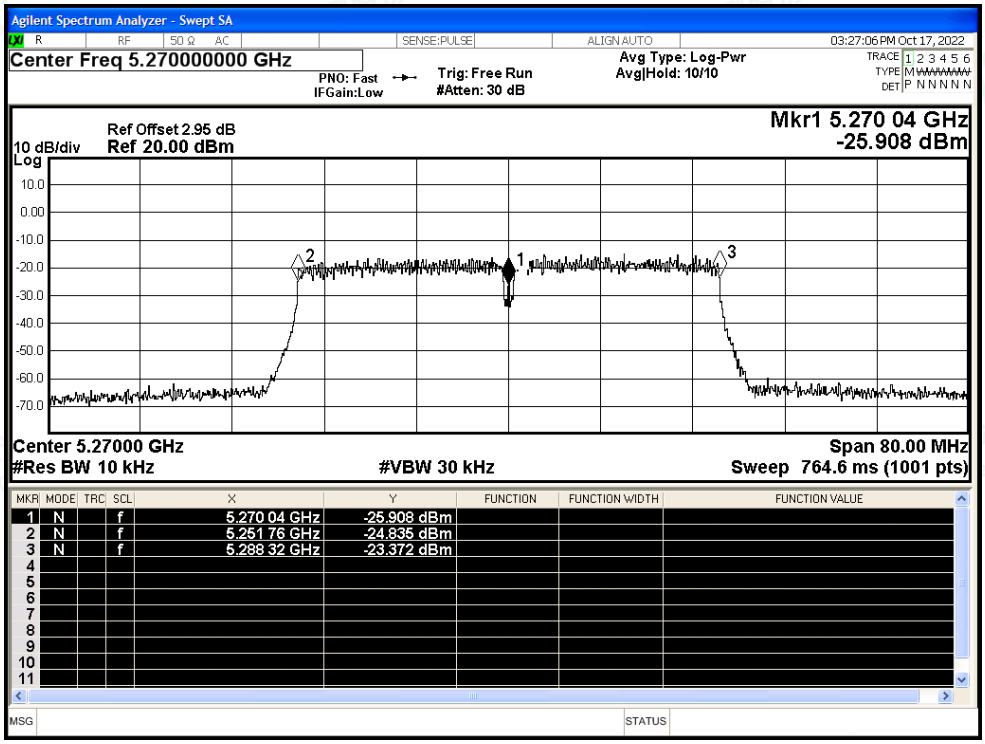
Freq. Stability NVNT ac20 5300MHz Ant1



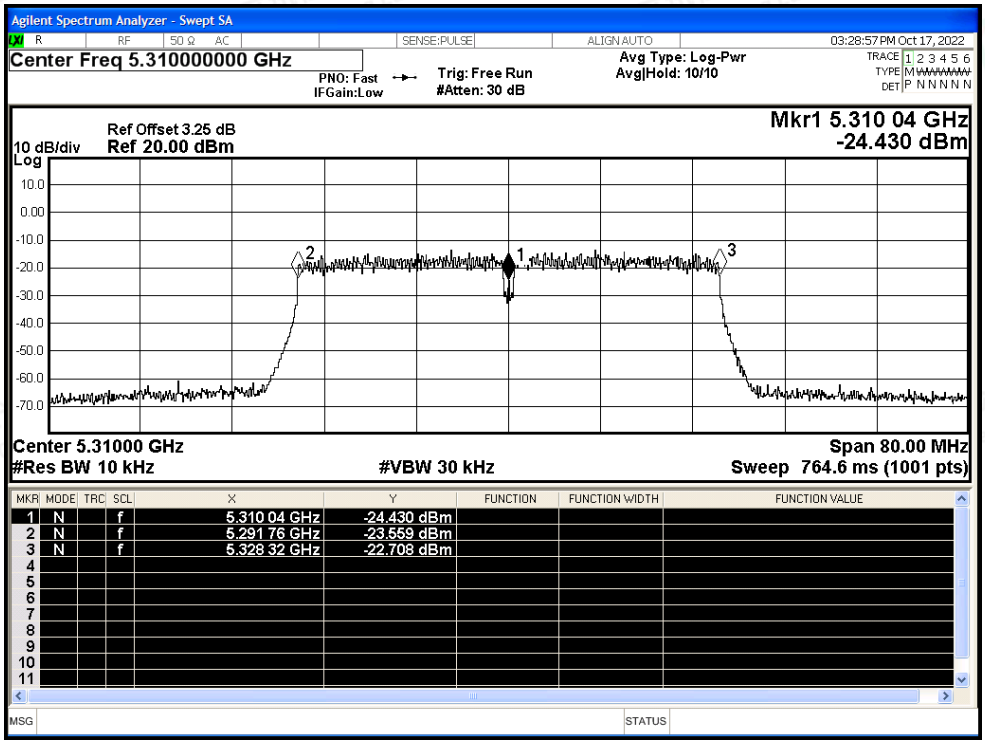
Freq. Stability NVNT ac20 5320MHz Ant1



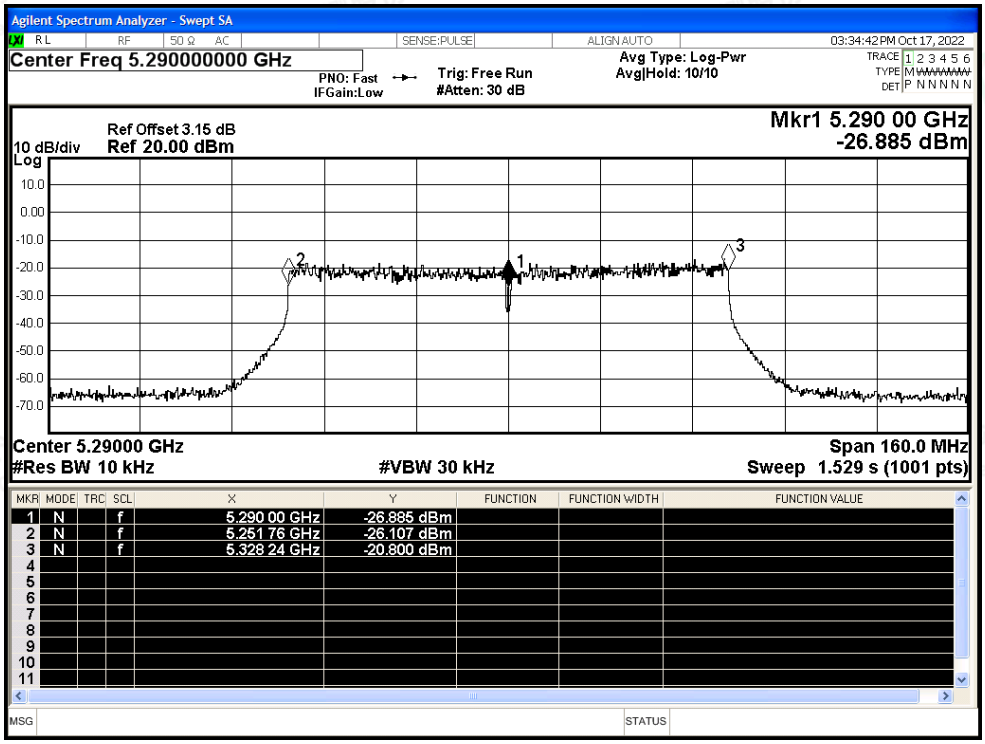
Freq. Stability NVNT ac40 5270MHz Ant1



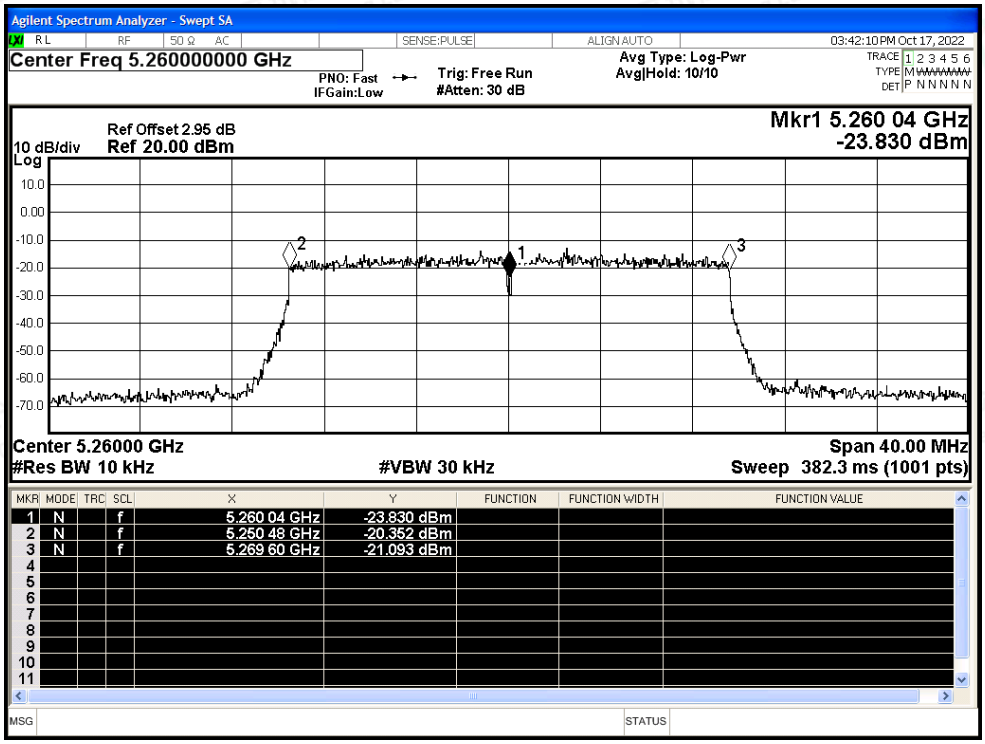
Freq. Stability NVNT ac40 5310MHz Ant1



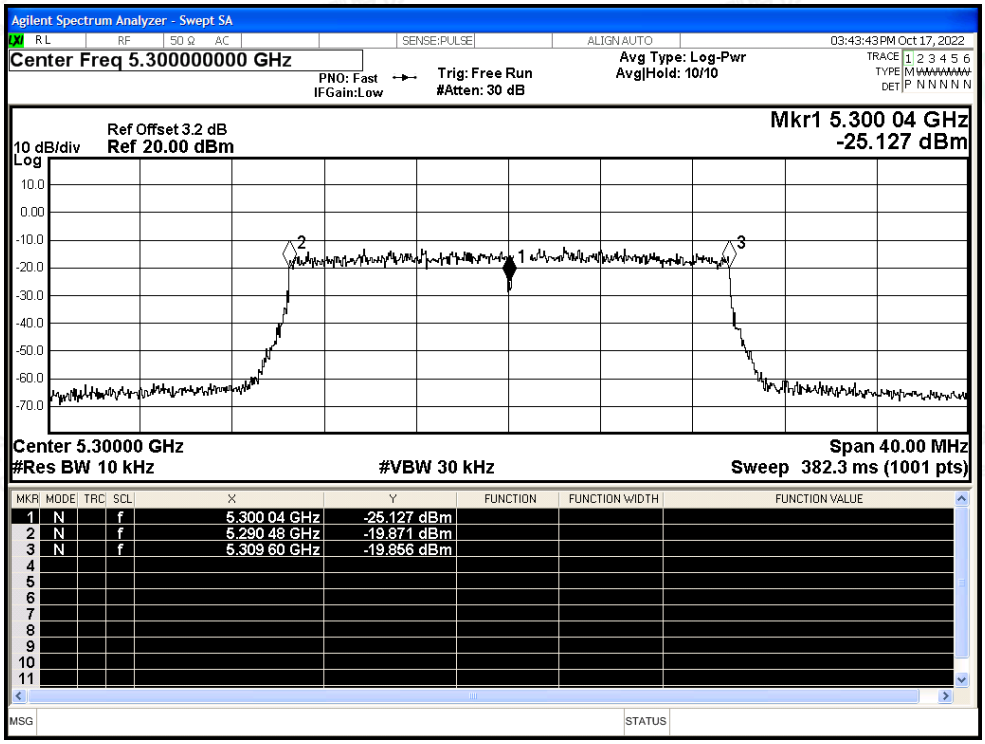
Freq. Stability NVNT ac80 5290MHz Ant1



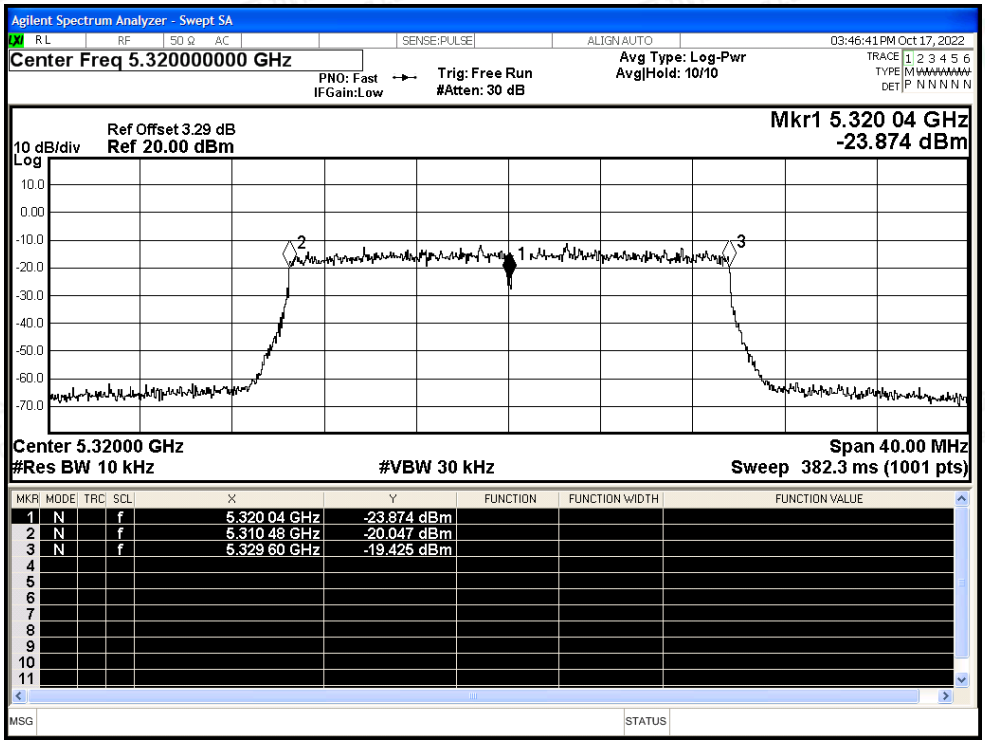
Freq. Stability NVNT ax20 5260MHz Ant1



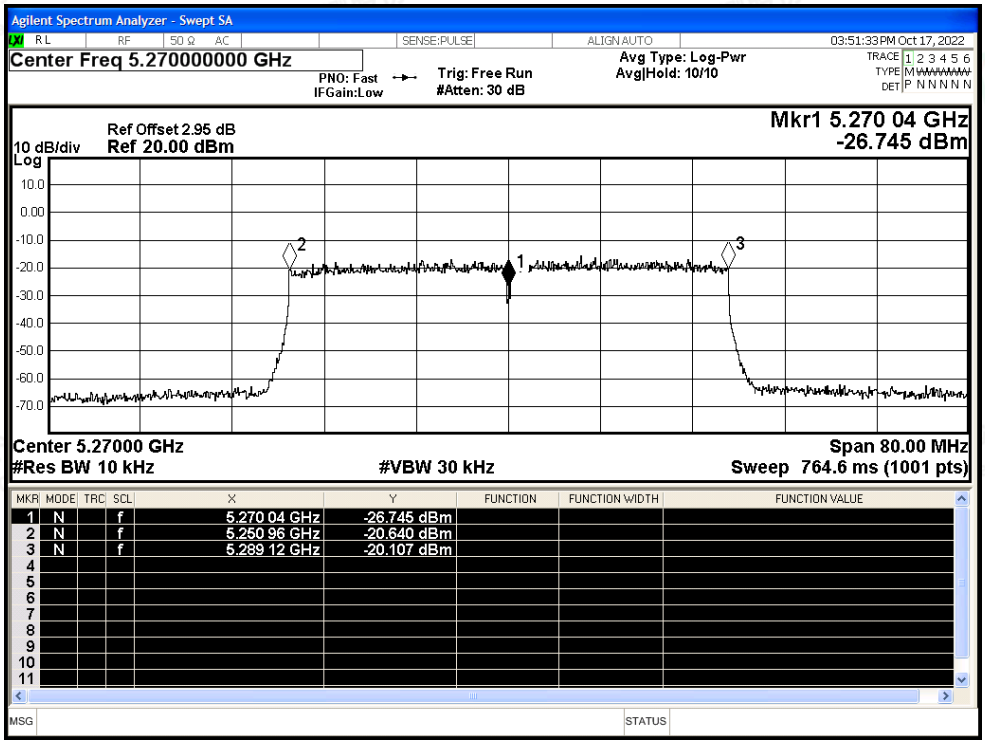
Freq. Stability NVNT ax20 5300MHz Ant1



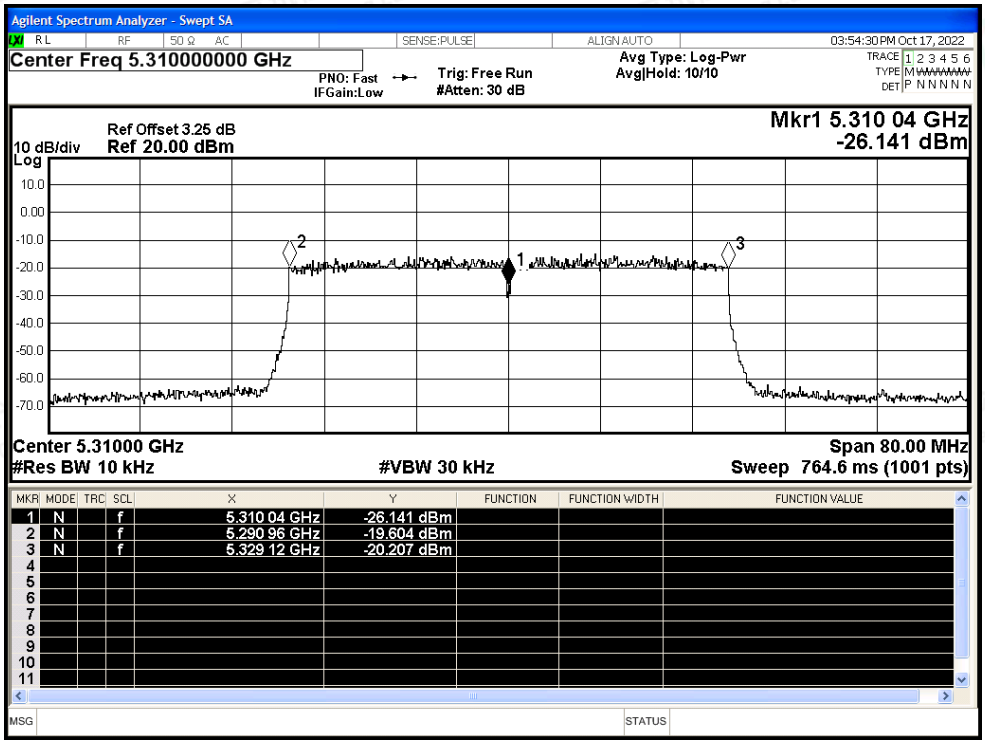
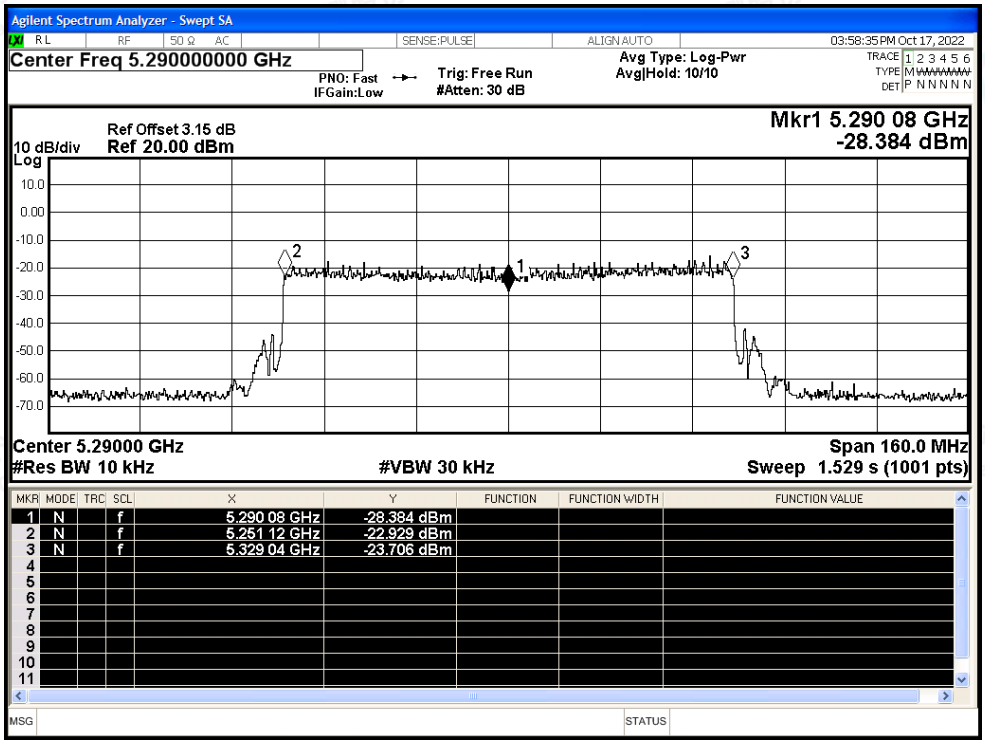
Freq. Stability NVNT ax20 5320MHz Ant1



Freq. Stability NVNT ax40 5270MHz Ant1



Freq. Stability NVNT ax40 5310MHz Ant1



Freq. Stability NVNT ax80 5290MHz Ant1