Appendix E

RF Test Data for 5.3 WIFI (Conducted Measurement)

Product Name: IPTV Set-Top Box

Test Model: SML-5045W

Environmental Conditions

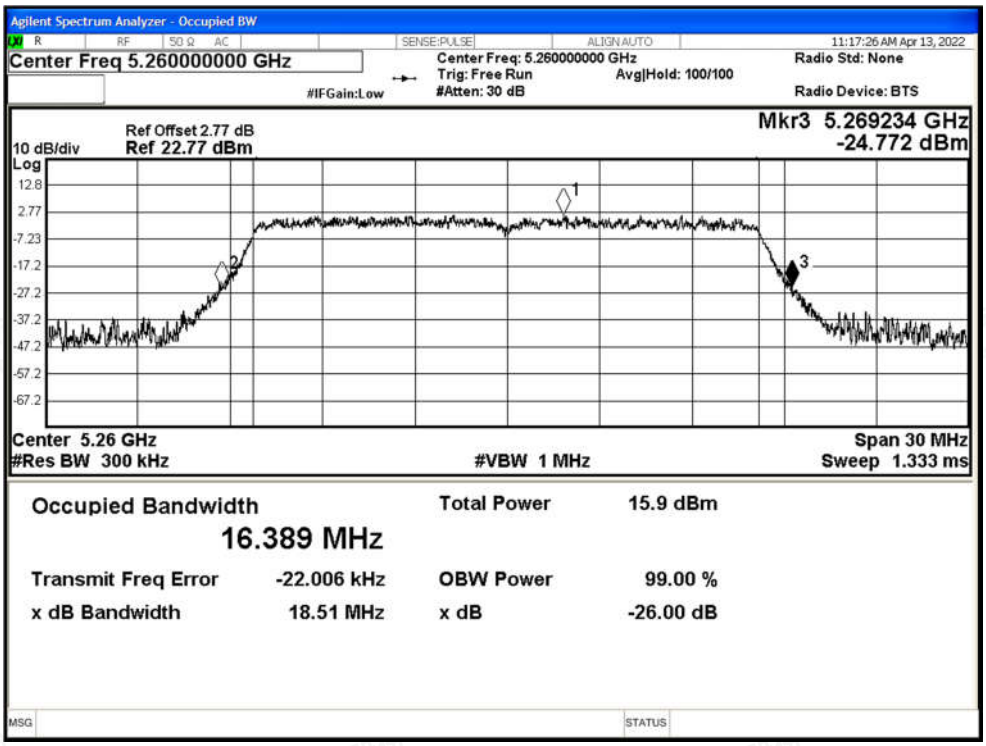
Temperature:	23.5℃
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Wunder Wu
Supervised by:	Li Huan

E.1 -26dB Bandwidth

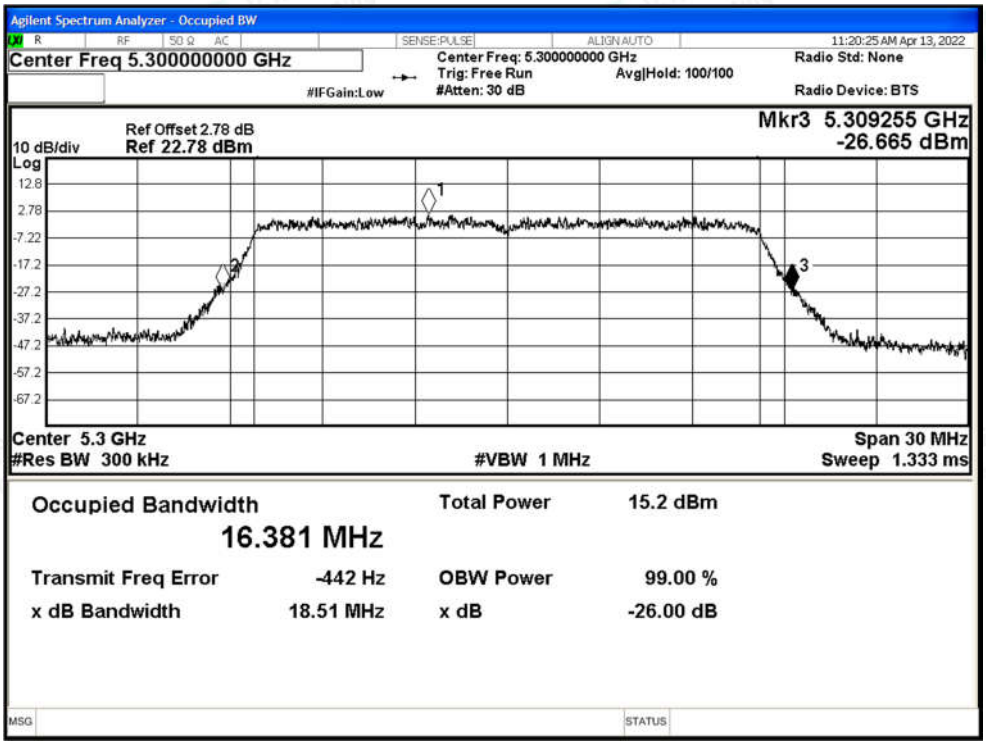
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant0	18.512	0.5	Pass
NVNT	a	5300	Ant0	18.511	0.5	Pass
NVNT	a	5320	Ant0	18.397	0.5	Pass
NVNT	n20	5260	Ant0	19.483	0.5	Pass
NVNT	n20	5300	Ant0	19.568	0.5	Pass
NVNT	n20	5320	Ant0	19.459	0.5	Pass
NVNT	n40	5270	Ant0	40.22	0.5	Pass
NVNT	n40	5310	Ant0	39.989	0.5	Pass
NVNT	ac20	5260	Ant0	19.481	0.5	Pass
NVNT	ac20	5300	Ant0	19.536	0.5	Pass
NVNT	ac20	5320	Ant0	19.608	0.5	Pass
NVNT	ac40	5270	Ant0	40.053	0.5	Pass
NVNT	ac40	5310	Ant0	39.9	0.5	Pass
NVNT	ac80	5290	Ant0	79.491	0.5	Pass

Test Graphs

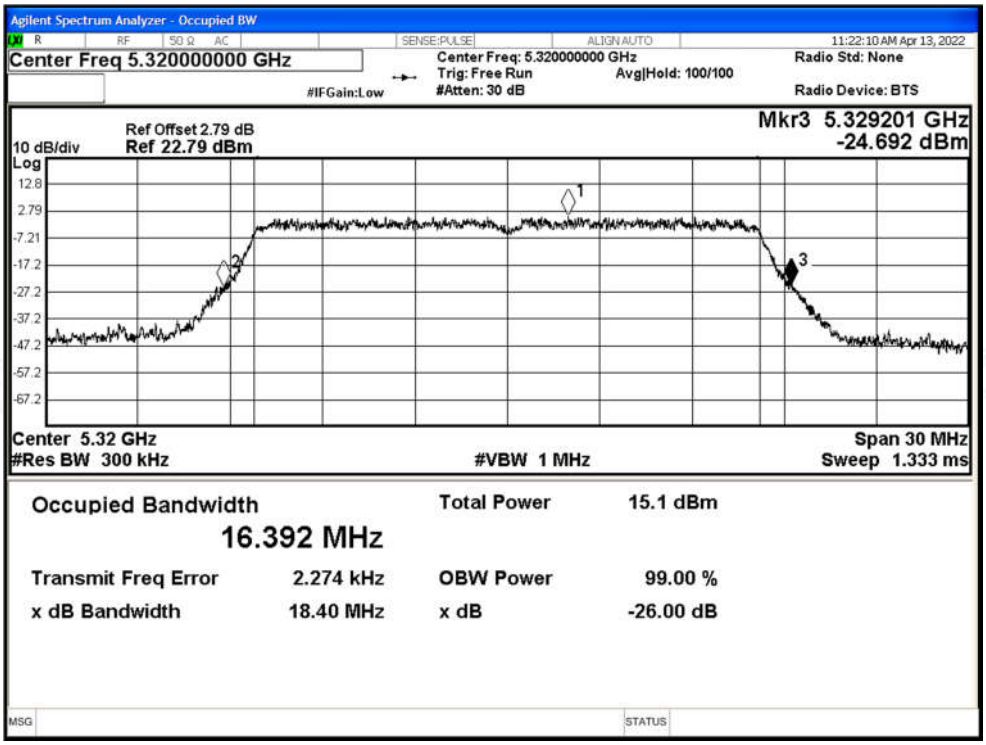
-26dB Bandwidth NVNT a 5260MHz Ant0



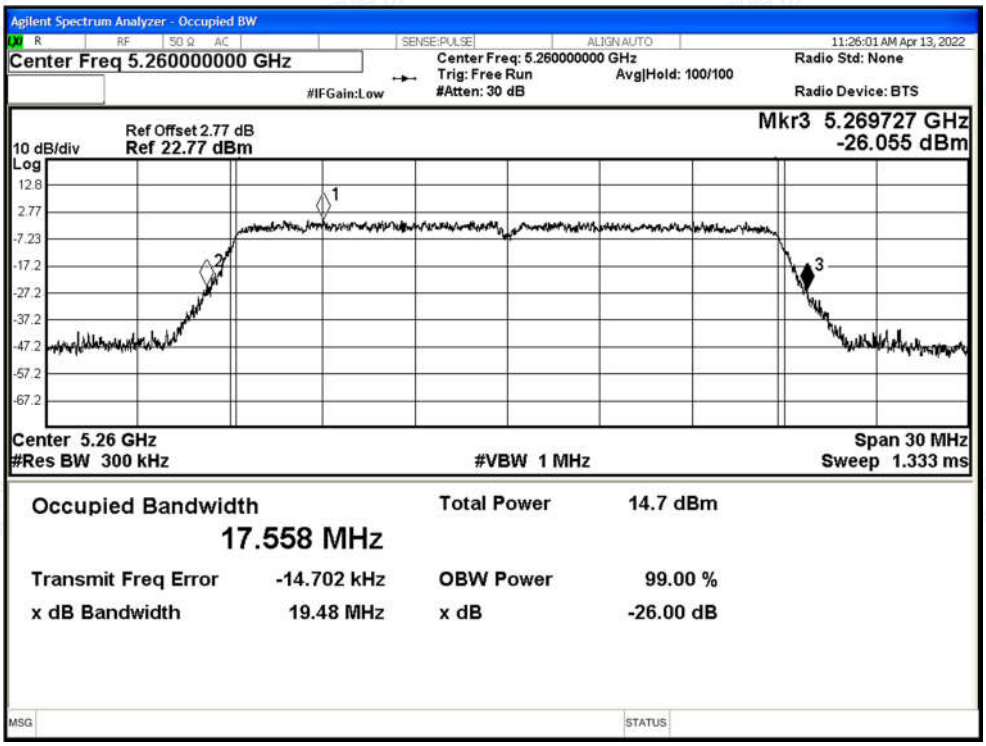
-26dB Bandwidth NVNT a 5300MHz Ant0



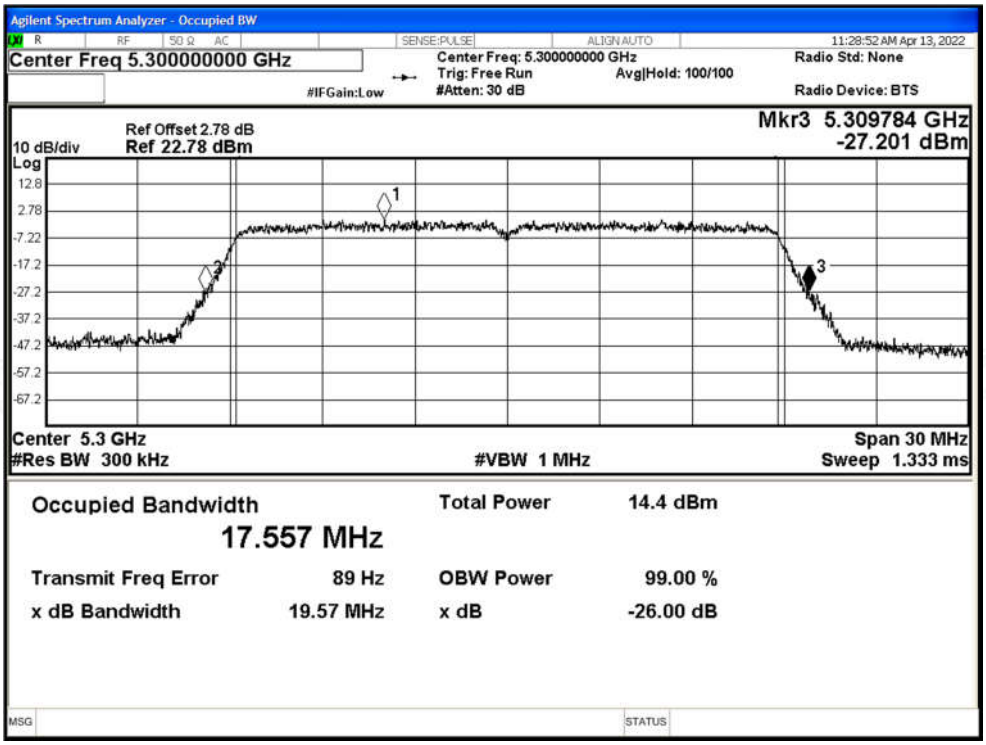
-26dB Bandwidth NVNT a 5320MHz Ant0



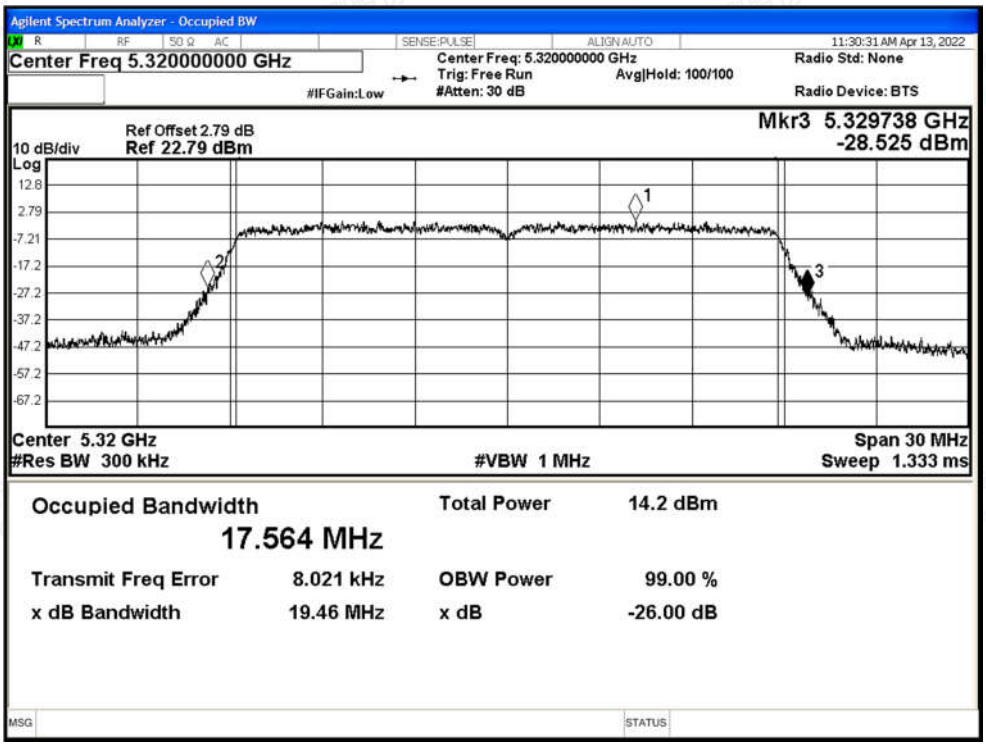
-26dB Bandwidth NVNT n20 5260MHz Ant0



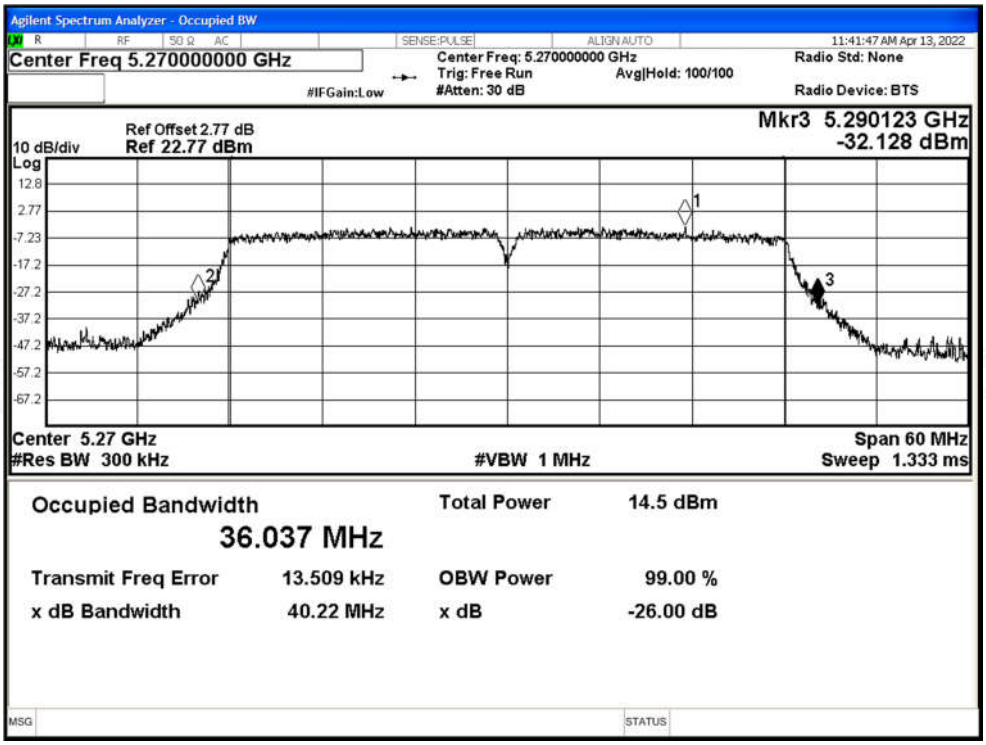
-26dB Bandwidth NVNT n20 5300MHz Ant0



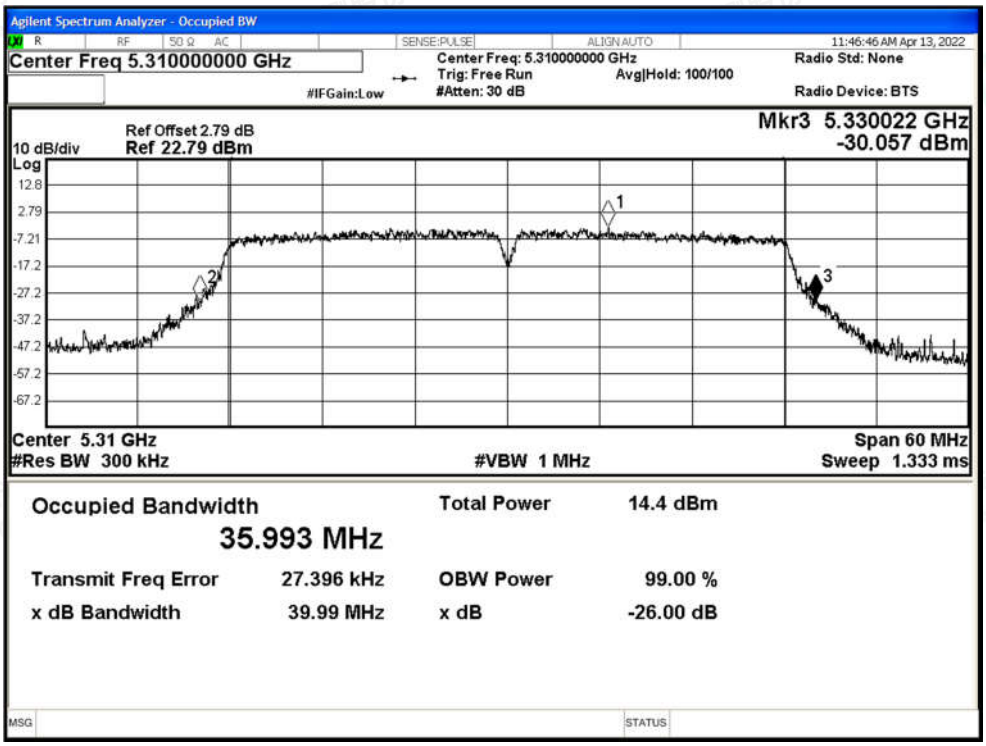
-26dB Bandwidth NVNT n20 5320MHz Ant0



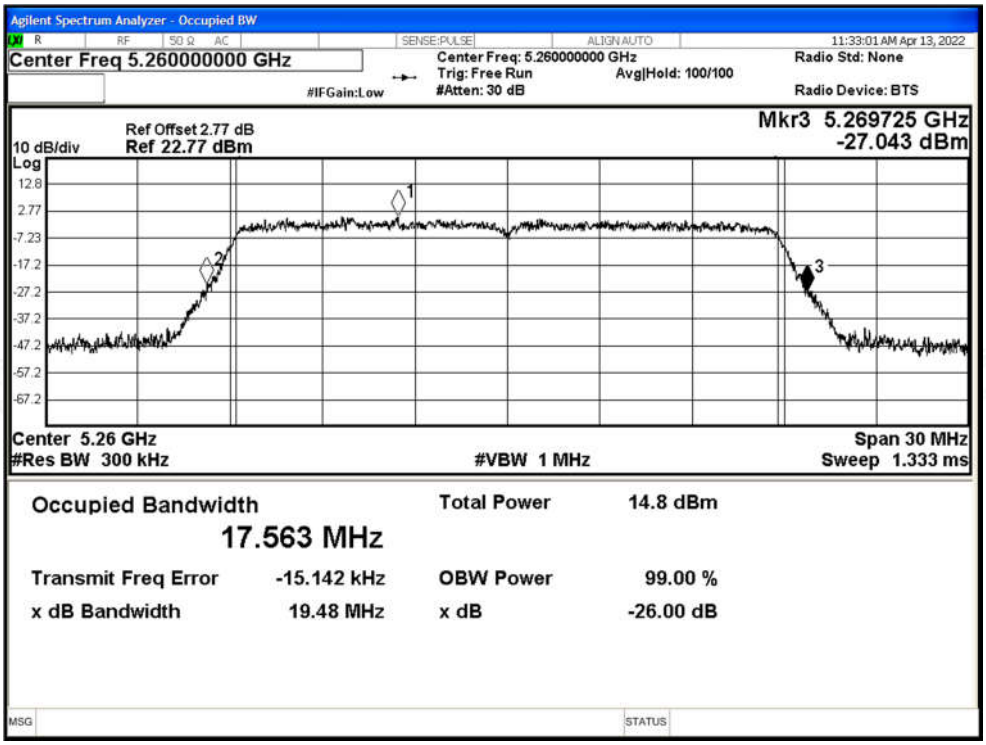
-26dB Bandwidth NVNT n40 5270MHz Ant0



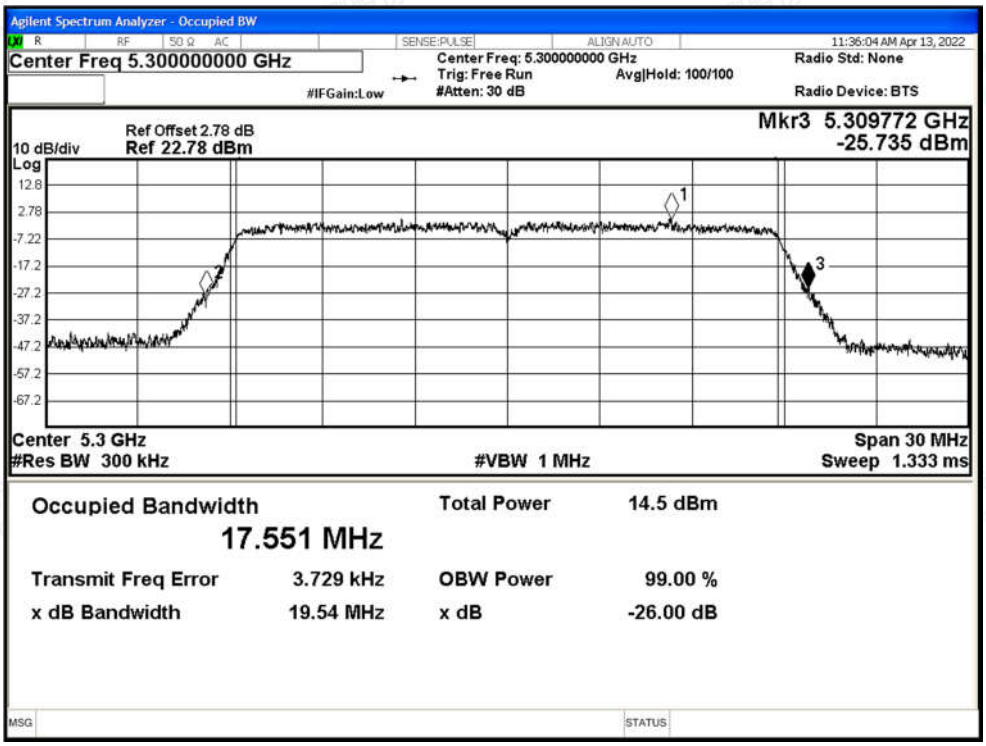
-26dB Bandwidth NVNT n40 5310MHz Ant0



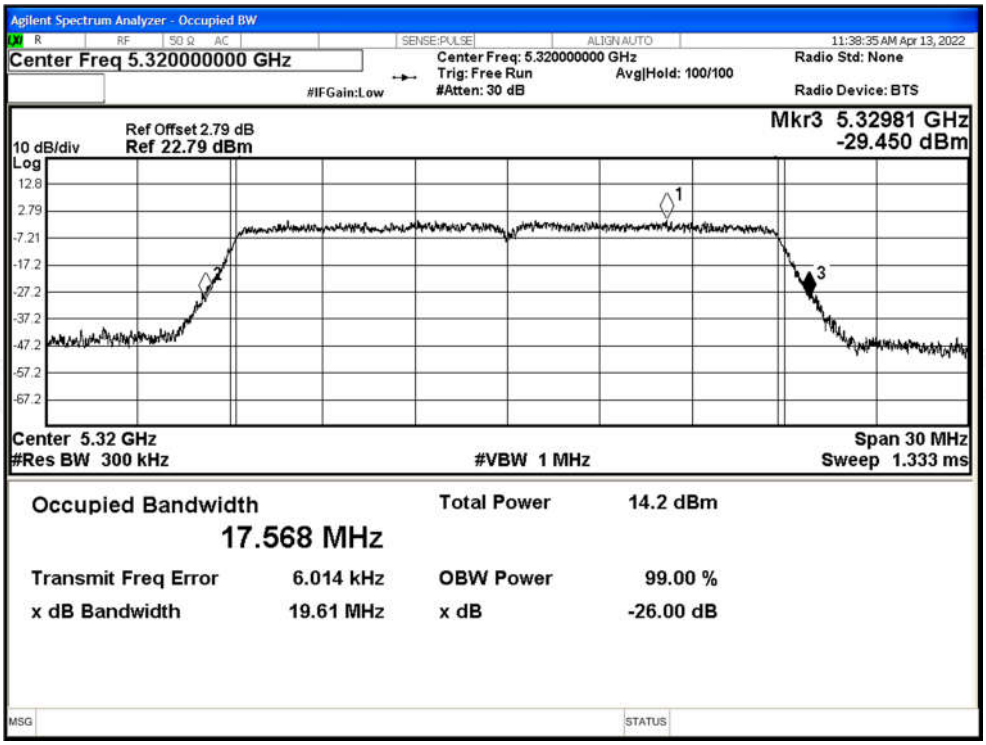
-26dB Bandwidth NVNT ac20 5260MHz Ant0



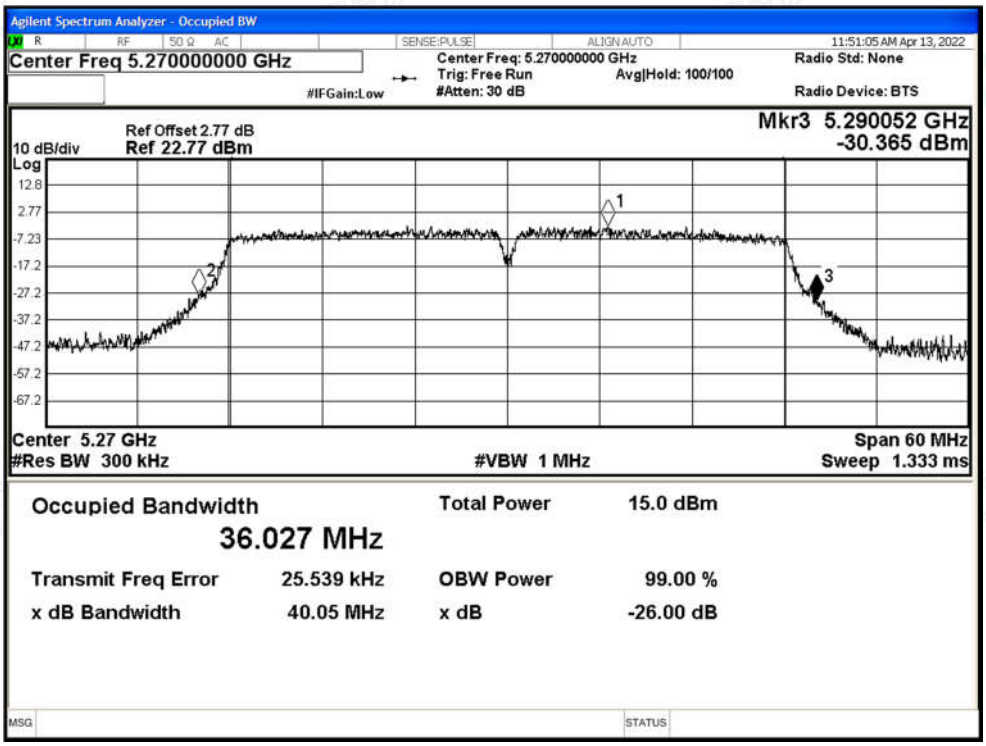
-26dB Bandwidth NVNT ac20 5300MHz Ant0



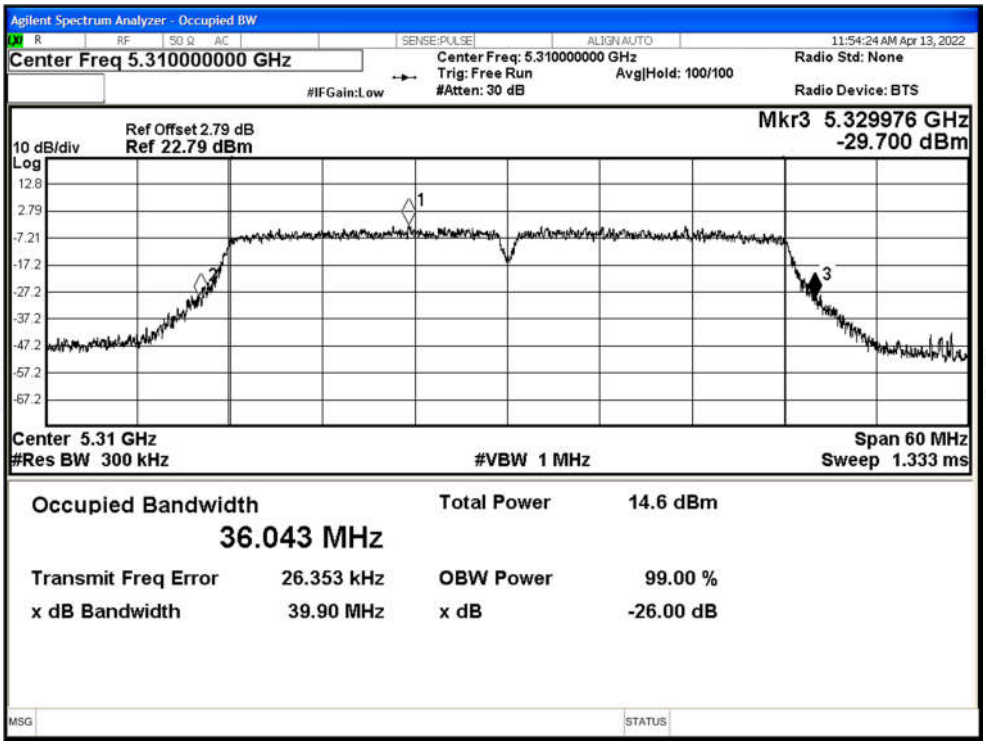
-26dB Bandwidth NVNT ac20 5320MHz Ant0



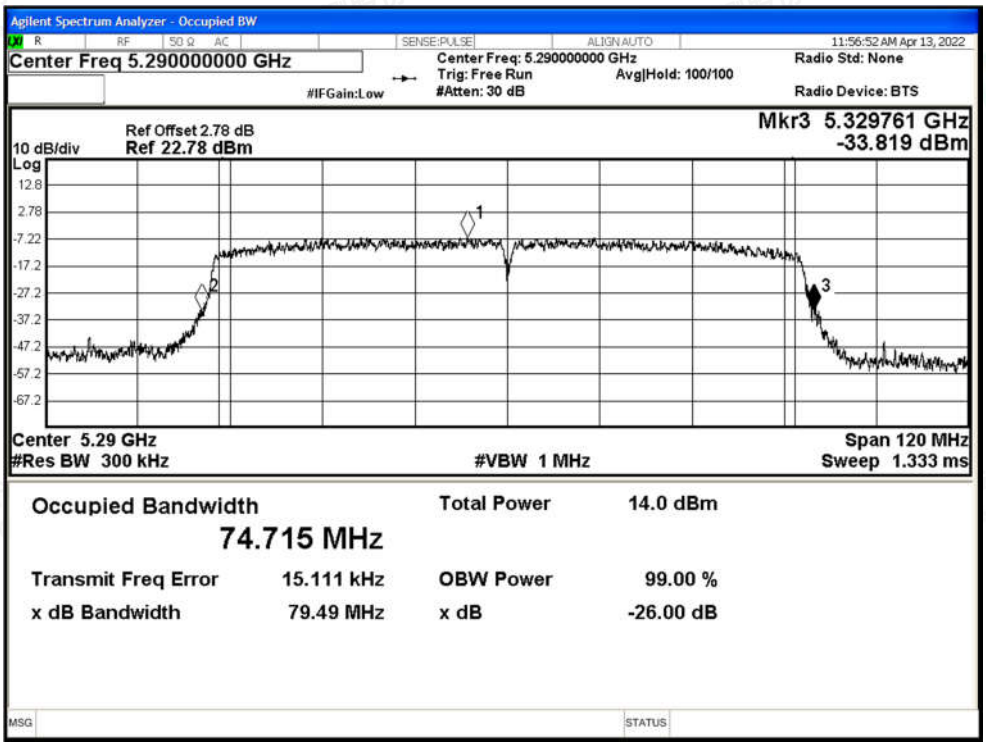
-26dB Bandwidth NVNT ac40 5270MHz Ant0



-26dB Bandwidth NVNT ac40 5310MHz Ant0



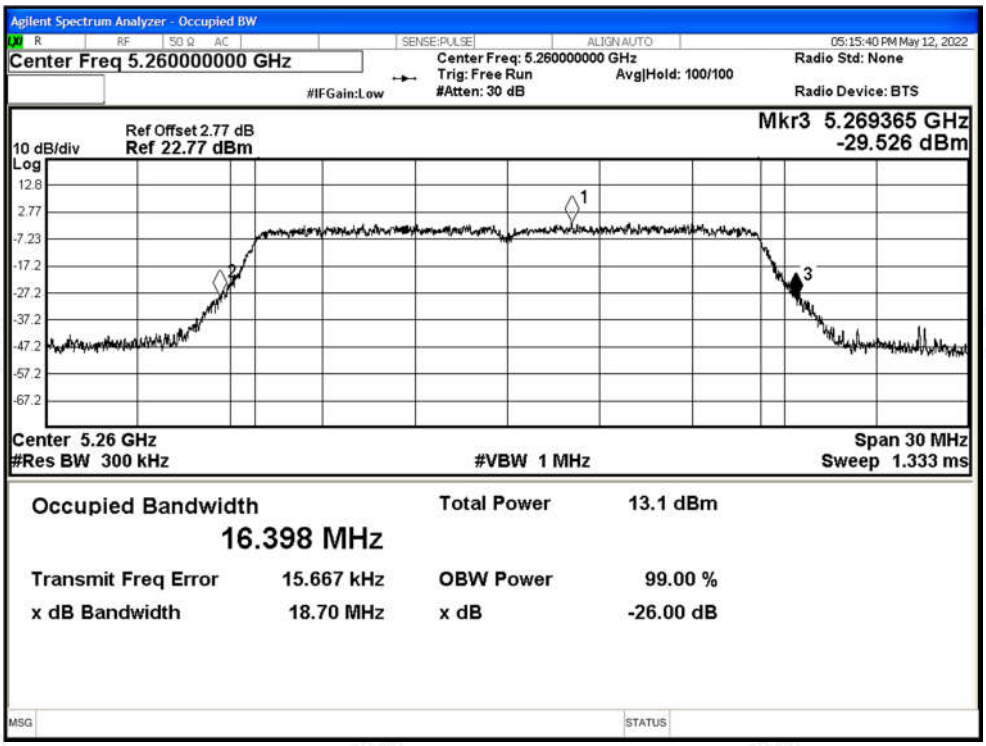
-26dB Bandwidth NVNT ac80 5290MHz Ant0



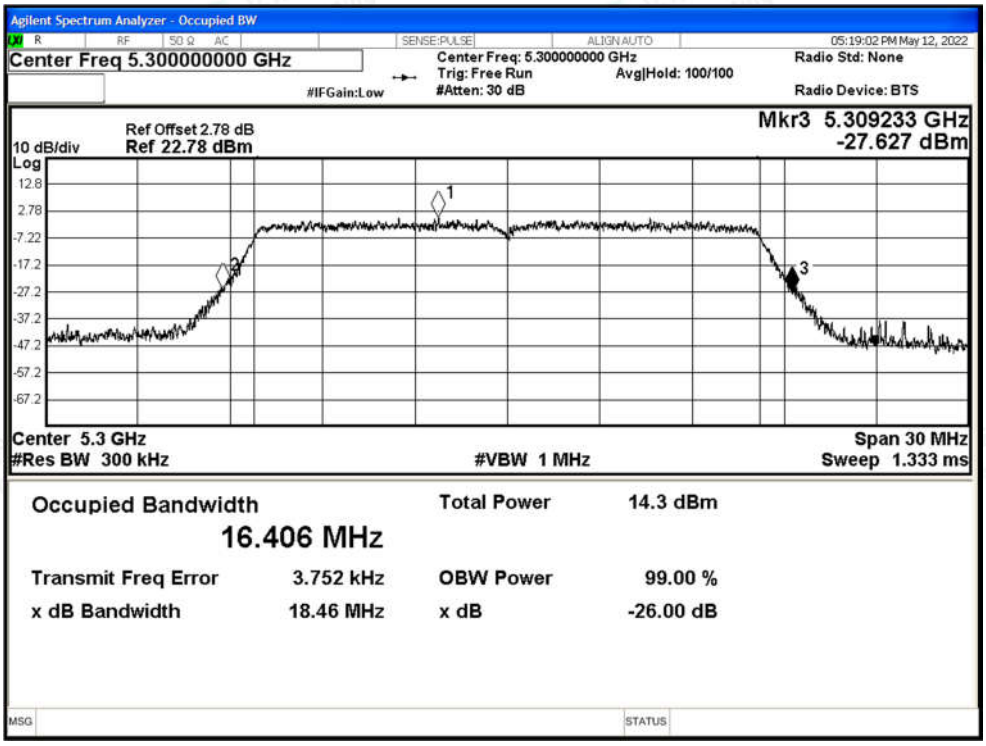
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant1	18.698	0.5	Pass
NVNT	a	5300	Ant1	18.458	0.5	Pass
NVNT	a	5320	Ant1	18.519	0.5	Pass
NVNT	n20	5260	Ant1	19.52	0.5	Pass
NVNT	n20	5300	Ant1	19.484	0.5	Pass
NVNT	n20	5320	Ant1	19.442	0.5	Pass
NVNT	n40	5270	Ant1	39.722	0.5	Pass
NVNT	n40	5310	Ant1	40.979	0.5	Pass
NVNT	ac20	5260	Ant1	19.469	0.5	Pass
NVNT	ac20	5300	Ant1	19.557	0.5	Pass
NVNT	ac20	5320	Ant1	19.561	0.5	Pass
NVNT	ac40	5270	Ant1	40.218	0.5	Pass
NVNT	ac40	5310	Ant1	40.059	0.5	Pass
NVNT	ac80	5290	Ant1	78.936	0.5	Pass

Test Graphs

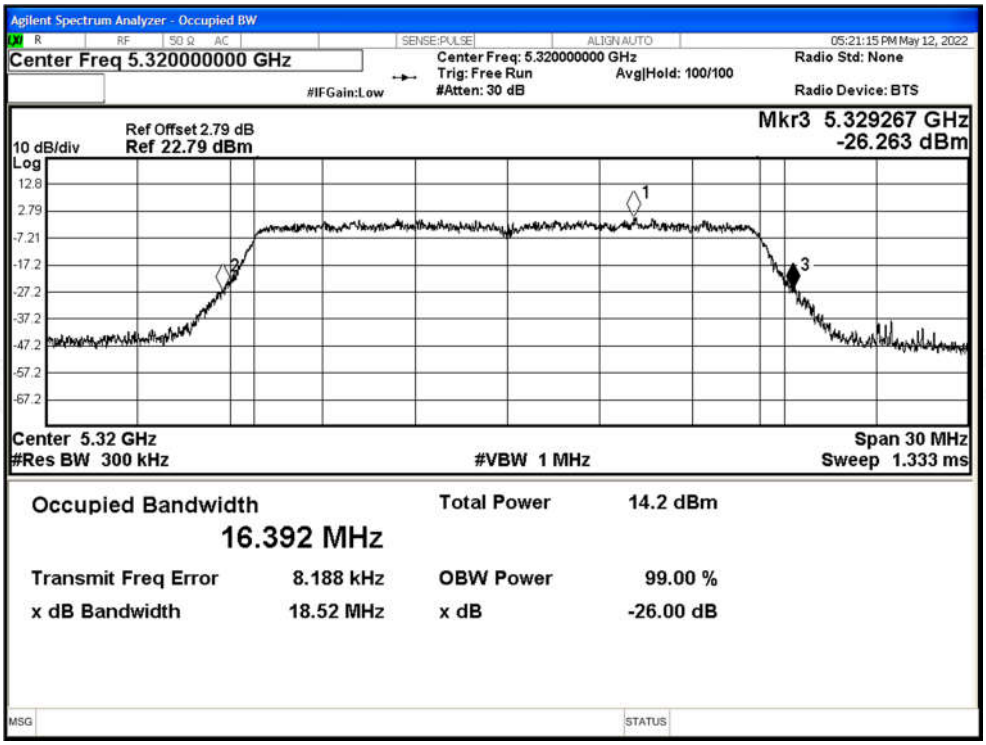
-26dB Bandwidth NVNT a 5260MHz Ant1



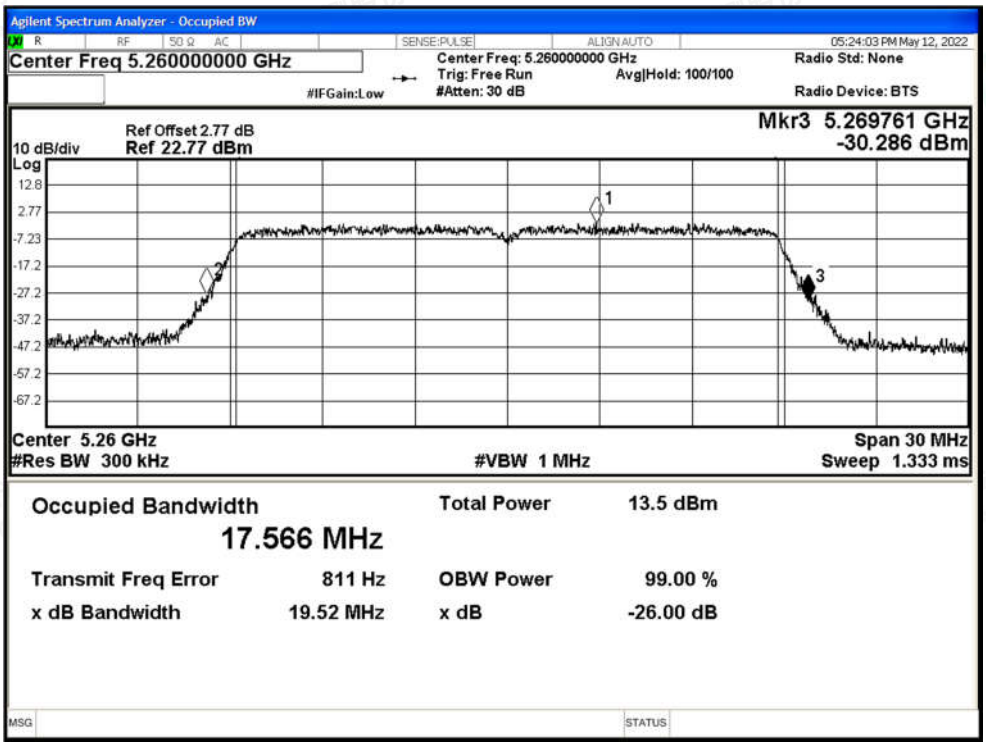
-26dB Bandwidth NVNT a 5300MHz Ant1



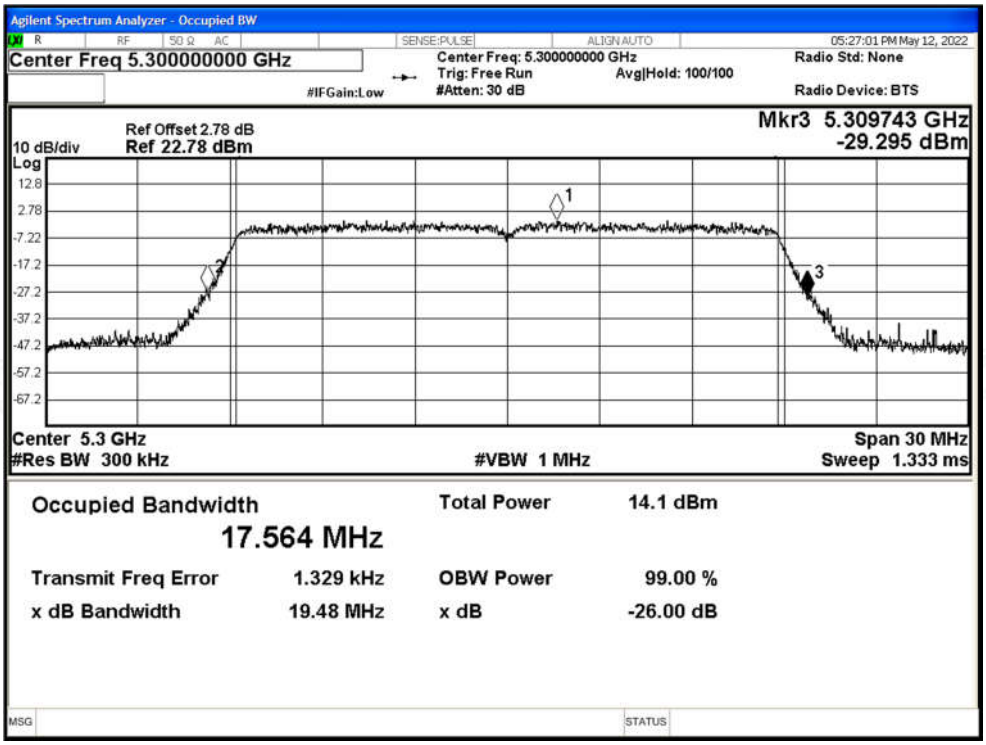
-26dB Bandwidth NVNT a 5320MHz Ant1



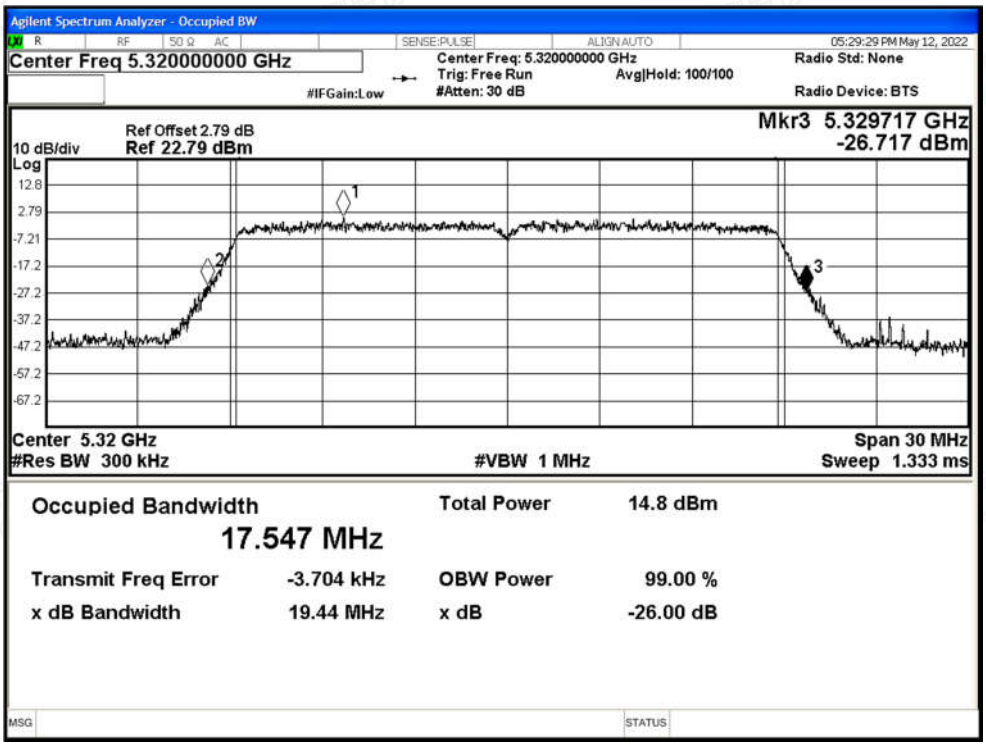
-26dB Bandwidth NVNT n20 5260MHz Ant1



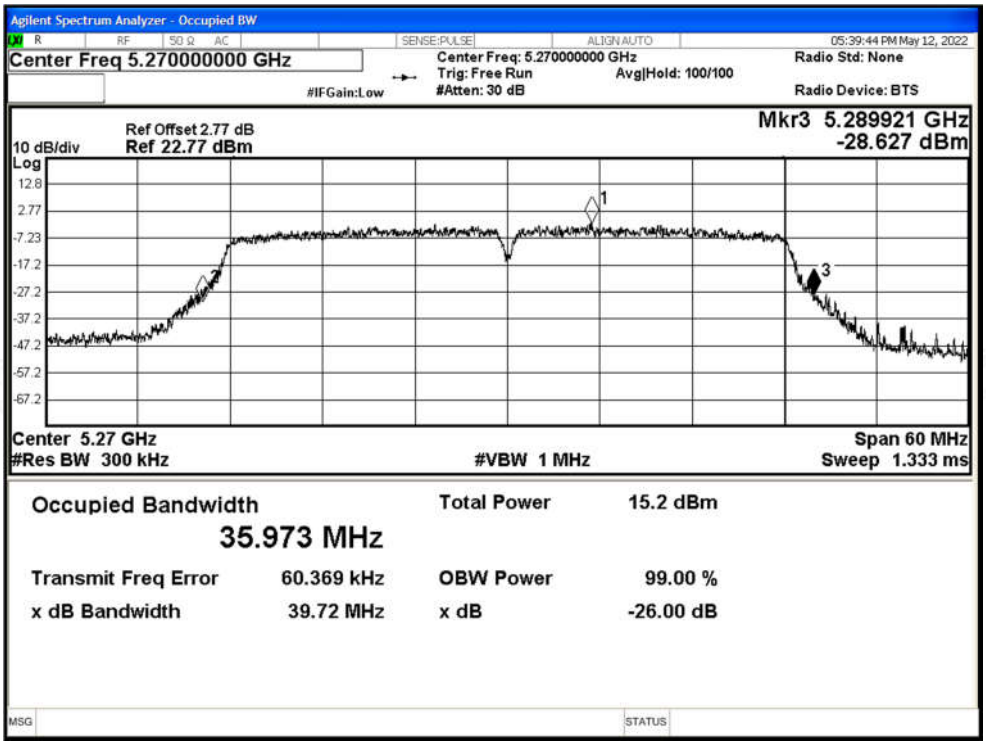
-26dB Bandwidth NVNT n20 5300MHz Ant1



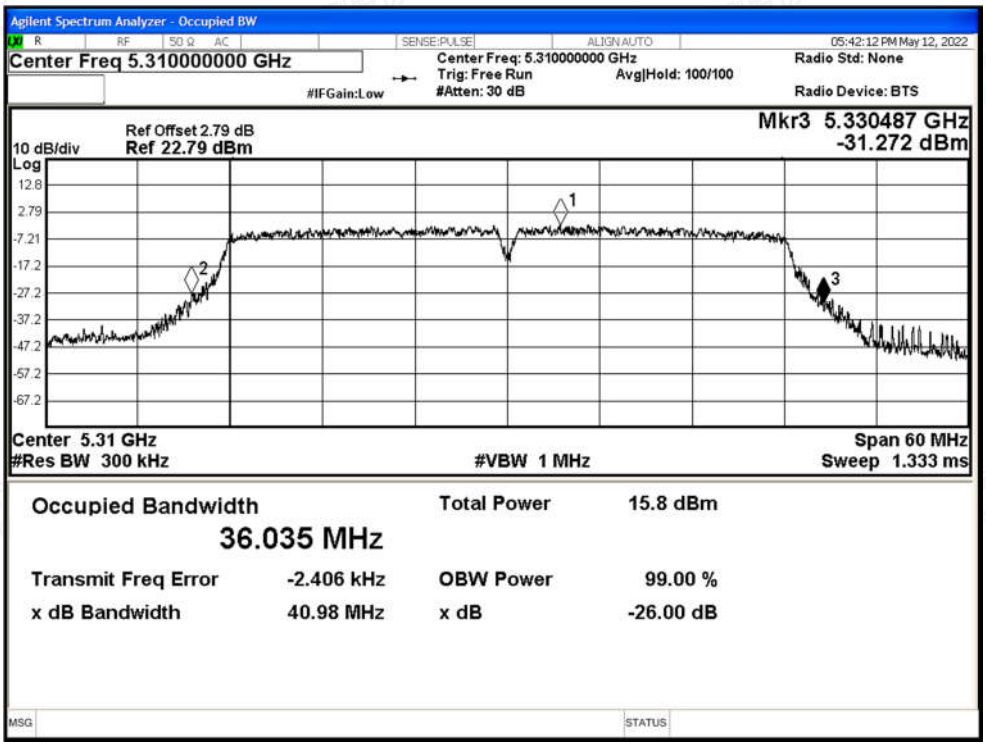
-26dB Bandwidth NVNT n20 5320MHz Ant1



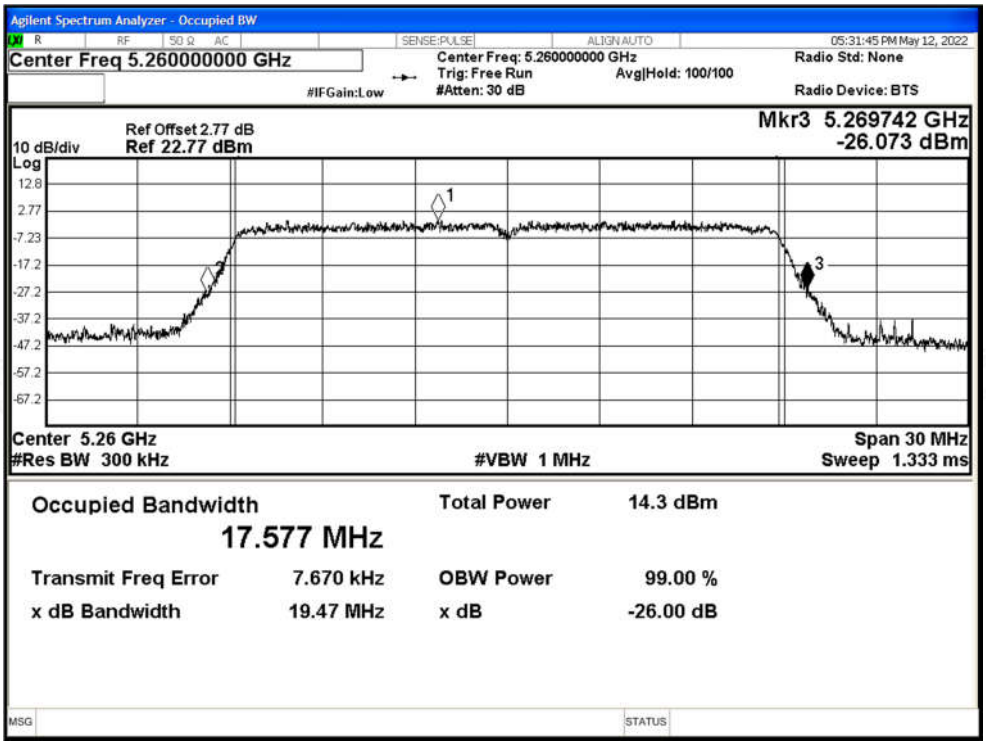
-26dB Bandwidth NVNT n40 5270MHz Ant1



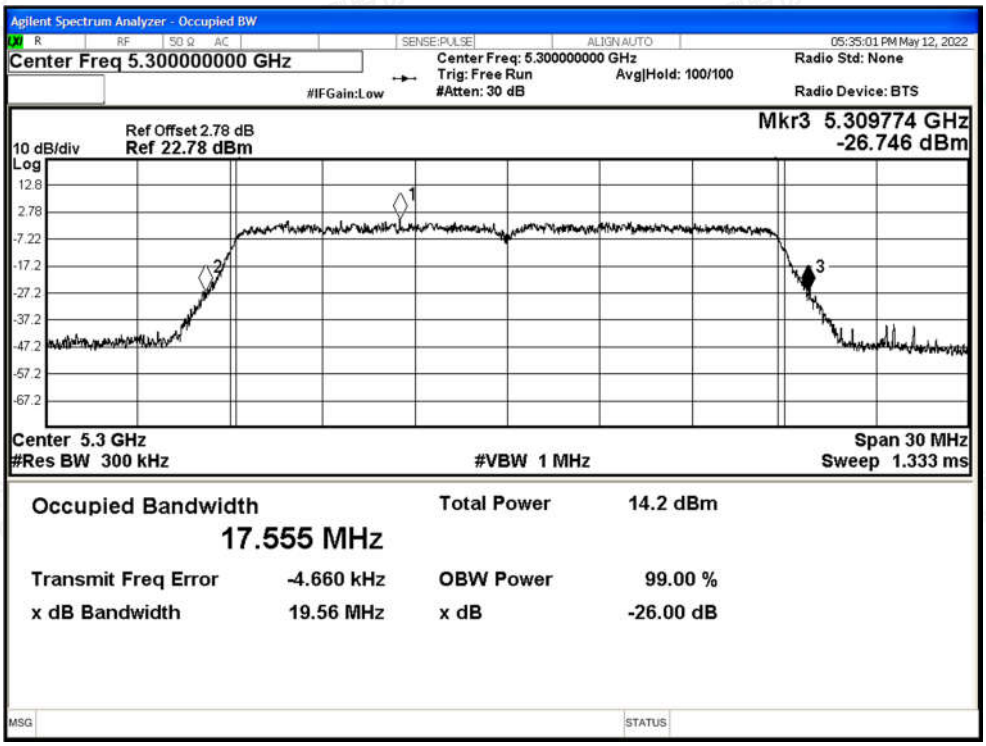
-26dB Bandwidth NVNT n40 5310MHz Ant1



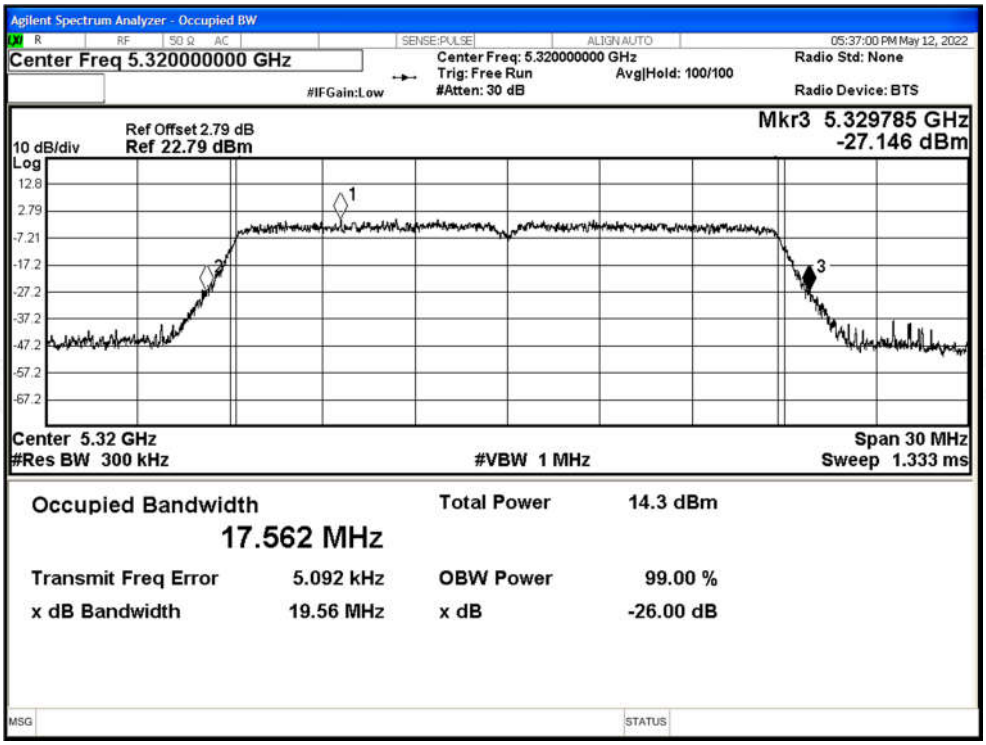
-26dB Bandwidth NVNT ac20 5260MHz Ant1



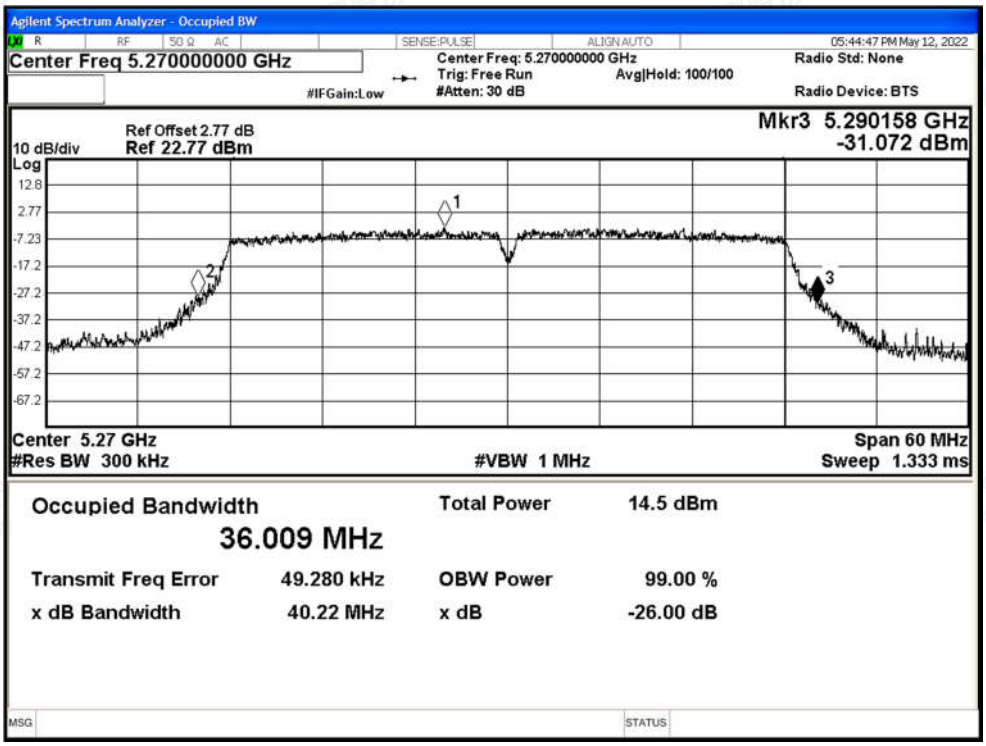
-26dB Bandwidth NVNT ac20 5300MHz Ant1



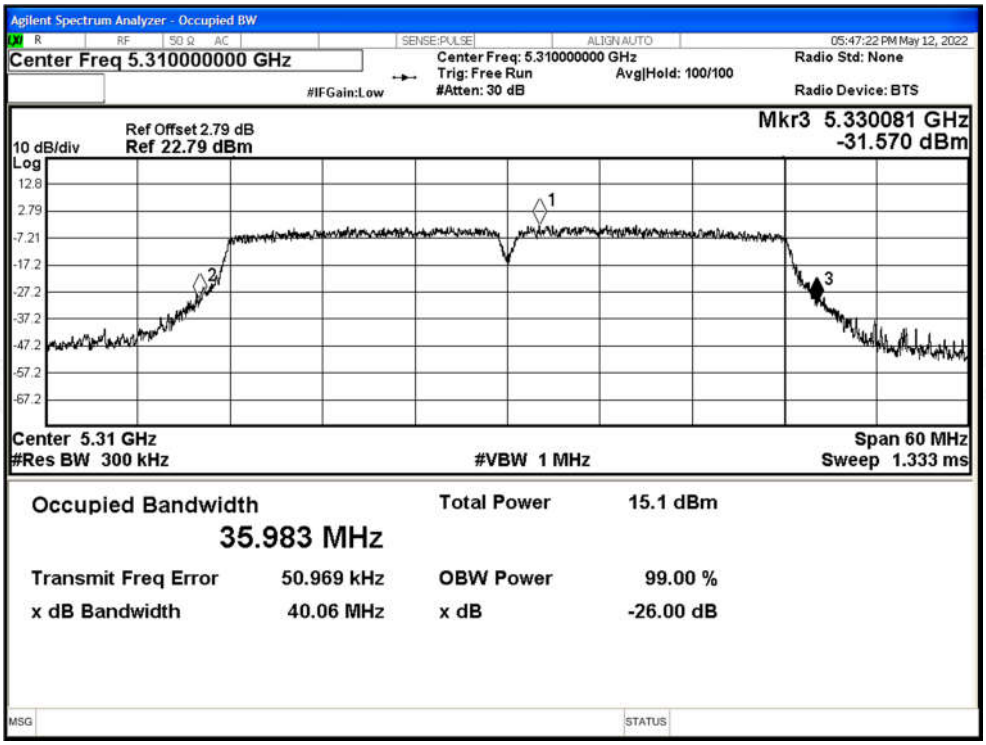
-26dB Bandwidth NVNT ac20 5320MHz Ant1



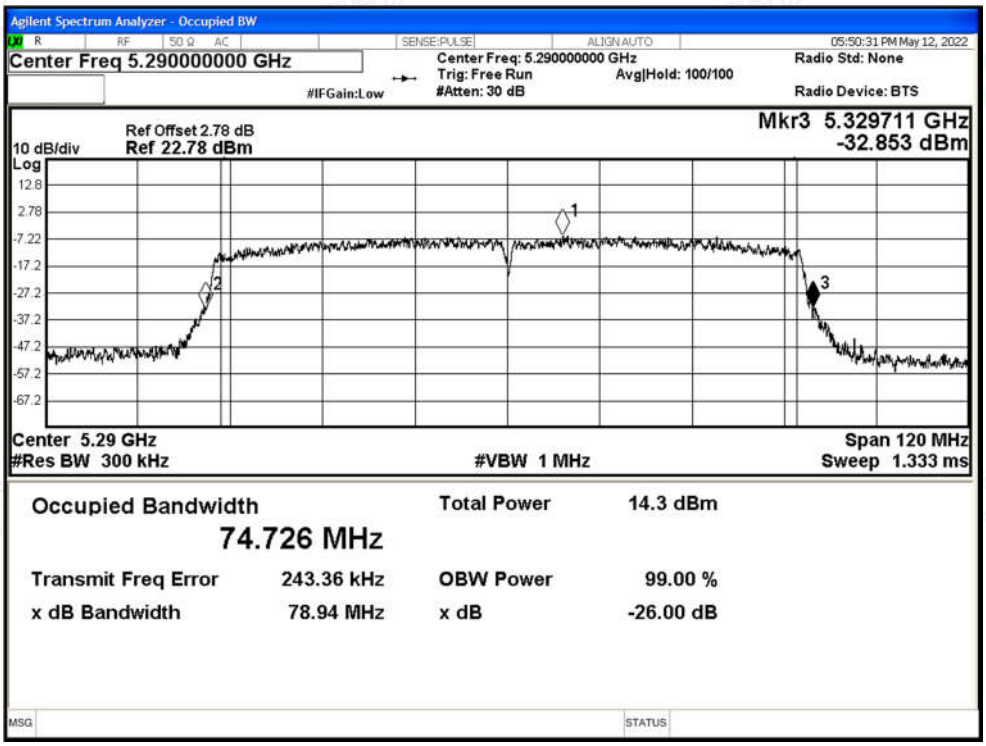
-26dB Bandwidth NVNT ac40 5270MHz Ant1



-26dB Bandwidth NVNT ac40 5310MHz Ant1



-26dB Bandwidth NVNT ac80 5290MHz Ant1



E.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant0	9.7	0.96	10.66	24	Pass
NVNT	a	5300	Ant0	8.97	0.96	9.93	24	Pass
NVNT	a	5320	Ant0	8.97	0.96	9.93	24	Pass
NVNT	n20	5260	Ant0	8.04	1.02	9.06	24	Pass
NVNT	n20	5300	Ant0	7.58	1.02	8.6	24	Pass
NVNT	n20	5320	Ant0	7.96	1.02	8.98	24	Pass
NVNT	n40	5270	Ant0	7.21	1.86	9.07	24	Pass
NVNT	n40	5310	Ant0	7.3	1.87	9.17	24	Pass
NVNT	ac20	5260	Ant0	8.7	1.02	9.72	24	Pass
NVNT	ac20	5300	Ant0	8.46	1.02	9.48	24	Pass
NVNT	ac20	5320	Ant0	7.72	1.02	8.74	24	Pass
NVNT	ac40	5270	Ant0	7.53	1.87	9.4	24	Pass
NVNT	ac40	5310	Ant0	7.23	1.86	9.09	24	Pass
NVNT	ac80	5290	Ant0	5.73	3.22	8.95	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	7.19	0	7.19	24	Pass
NVNT	a	5300	Ant1	8.06	0.96	9.02	24	Pass
NVNT	a	5320	Ant1	8.13	0	8.13	24	Pass
NVNT	n20	5260	Ant1	7.35	0	7.35	24	Pass
NVNT	n20	5300	Ant1	7.7	0	7.7	24	Pass
NVNT	n20	5320	Ant1	8.58	0	8.58	24	Pass
NVNT	n40	5270	Ant1	8.14	0	8.14	24	Pass
NVNT	n40	5310	Ant1	8.81	1.87	10.68	24	Pass
NVNT	ac20	5260	Ant1	7.9	0	7.9	24	Pass
NVNT	ac20	5300	Ant1	7.62	0	7.62	24	Pass
NVNT	ac20	5320	Ant1	8.49	0	8.49	24	Pass
NVNT	ac40	5270	Ant1	7.33	0	7.33	24	Pass
NVNT	ac40	5310	Ant1	8.22	1.86	10.08	24	Pass
NVNT	ac80	5290	Ant1	6.04	3.22	9.26	24	Pass

MIMO

Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	5260	9.06	7.35	11.30	24	Pass
NVNT	n20	5300	8.6	7.7	11.18	24	Pass
NVNT	n20	5320	8.98	8.58	11.79	24	Pass
NVNT	n40	5270	9.07	8.14	11.64	24	Pass
NVNT	n40	5310	9.17	10.68	13.00	24	Pass
NVNT	ac20	5260	9.72	7.9	11.91	24	Pass
NVNT	ac20	5300	9.48	7.62	11.66	24	Pass
NVNT	ac20	5320	8.74	8.49	11.63	24	Pass
NVNT	ac40	5270	9.4	7.33	11.50	24	Pass
NVNT	ac40	5310	9.09	10.08	12.62	24	Pass
NVNT	ac80	5290	8.95	9.26	12.12	24	Pass

E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant0	-12.48	0.96	-11.52	11	Pass
NVNT	a	5300	Ant0	-11.67	0.96	-10.71	11	Pass
NVNT	a	5320	Ant0	-11.62	0.96	-10.66	11	Pass
NVNT	n20	5260	Ant0	-12.62	1.02	-11.6	11	Pass
NVNT	n20	5300	Ant0	-13.84	1.02	-12.82	11	Pass
NVNT	n20	5320	Ant0	-15.18	1.02	-14.16	11	Pass
NVNT	n40	5270	Ant0	-22.33	26.99	4.66	11	Pass
NVNT	n40	5310	Ant0	-24.1	9.03	-15.07	11	Pass
NVNT	ac20	5260	Ant0	-11.11	1.02	-10.09	11	Pass
NVNT	ac20	5300	Ant0	-12.89	1.02	-11.87	11	Pass
NVNT	ac20	5320	Ant0	-13.11	1.02	-12.09	11	Pass
NVNT	ac40	5270	Ant0	-22.75	26.99	4.24	11	Pass
NVNT	ac40	5310	Ant0	-22.8	9.03	-13.77	11	Pass
NVNT	ac80	5290	Ant0	-32.74	26.99	-5.75	11	Pass

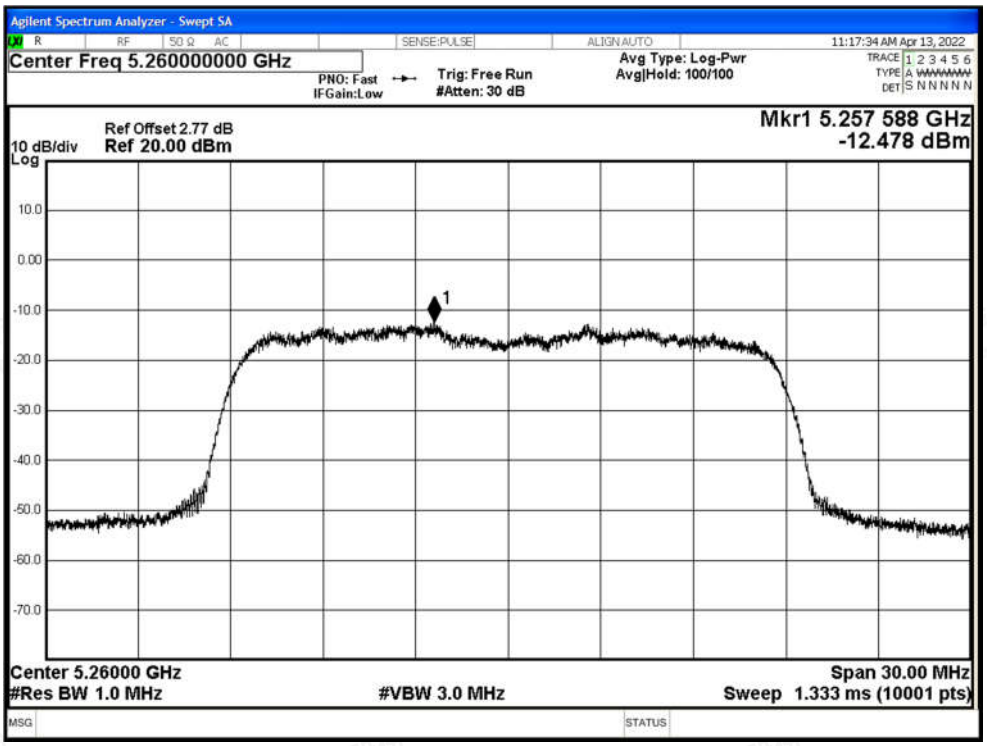
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant1	-13.95	0.96	-12.99	11	Pass
NVNT	a	5300	Ant1	-12.7	0.96	-11.74	11	Pass
NVNT	a	5320	Ant1	-11.6	0.96	-10.64	11	Pass
NVNT	n20	5260	Ant1	-14.56	1.02	-13.54	11	Pass
NVNT	n20	5300	Ant1	-14.06	1.02	-13.04	11	Pass
NVNT	n20	5320	Ant1	-12.79	1.02	-11.77	11	Pass
NVNT	n40	5270	Ant1	-23.18	1.87	-21.31	11	Pass
NVNT	n40	5310	Ant1	-23.08	1.9	-21.18	11	Pass
NVNT	ac20	5260	Ant1	-13.06	1.02	-12.04	11	Pass
NVNT	ac20	5300	Ant1	-14.26	1.02	-13.24	11	Pass
NVNT	ac20	5320	Ant1	-13.15	1.02	-12.13	11	Pass
NVNT	ac40	5270	Ant1	-24.26	1.86	-22.4	11	Pass
NVNT	ac40	5310	Ant1	-22.28	1.86	-20.42	11	Pass
NVNT	ac80	5290	Ant1	-31.68	3.22	-28.46	11	Pass

MIMO

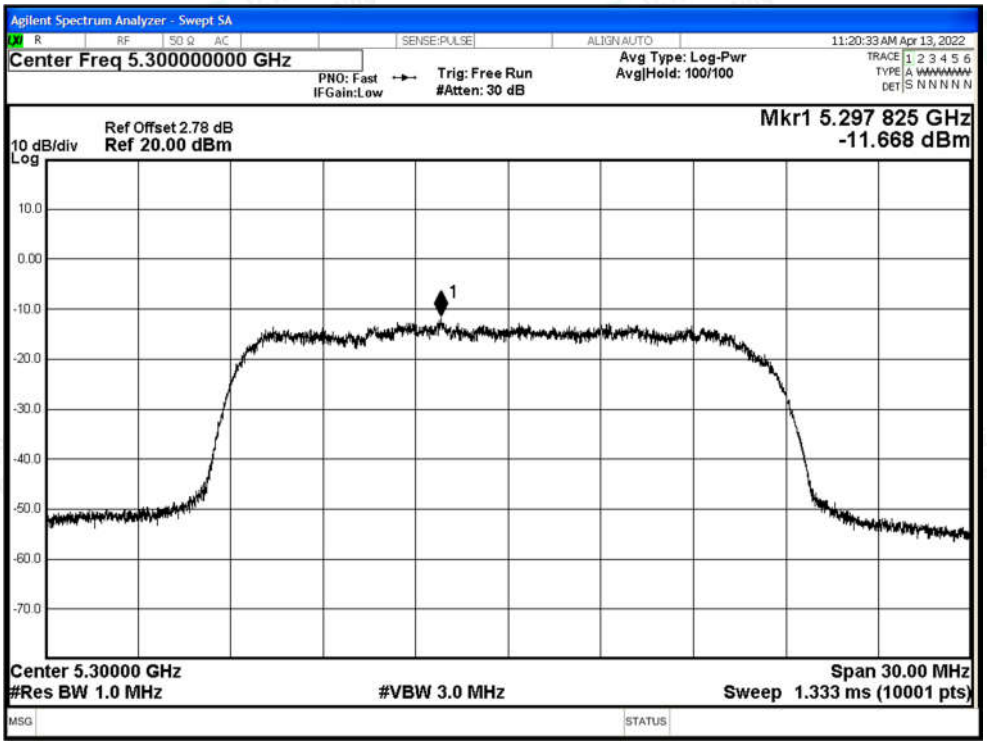
Condition	Mode	Frequency (MHz)	Total PSD (dBm)			Limit (dBm)	Verdict
			ANT0	ANT1	ANT0+ANT1		
NVNT	n20	5260	-11.6	-13.54	-9.45	11	Pass
NVNT	n20	5300	-12.82	-13.04	-9.92	11	Pass
NVNT	n20	5320	-14.16	-11.77	-9.79	11	Pass
NVNT	n40	5270	4.66	-21.31	4.67	11	Pass
NVNT	n40	5310	-15.07	-21.18	-14.12	11	Pass
NVNT	ac20	5260	-10.09	-12.04	-7.95	11	Pass
NVNT	ac20	5300	-11.87	-13.24	-9.49	11	Pass
NVNT	ac20	5320	-12.09	-12.13	-9.10	11	Pass
NVNT	ac40	5270	4.24	-22.4	4.25	11	Pass
NVNT	ac40	5310	-13.77	-20.42	-12.92	11	Pass
NVNT	ac80	5290	-5.75	-28.46	-5.73	11	Pass

Test Graphs

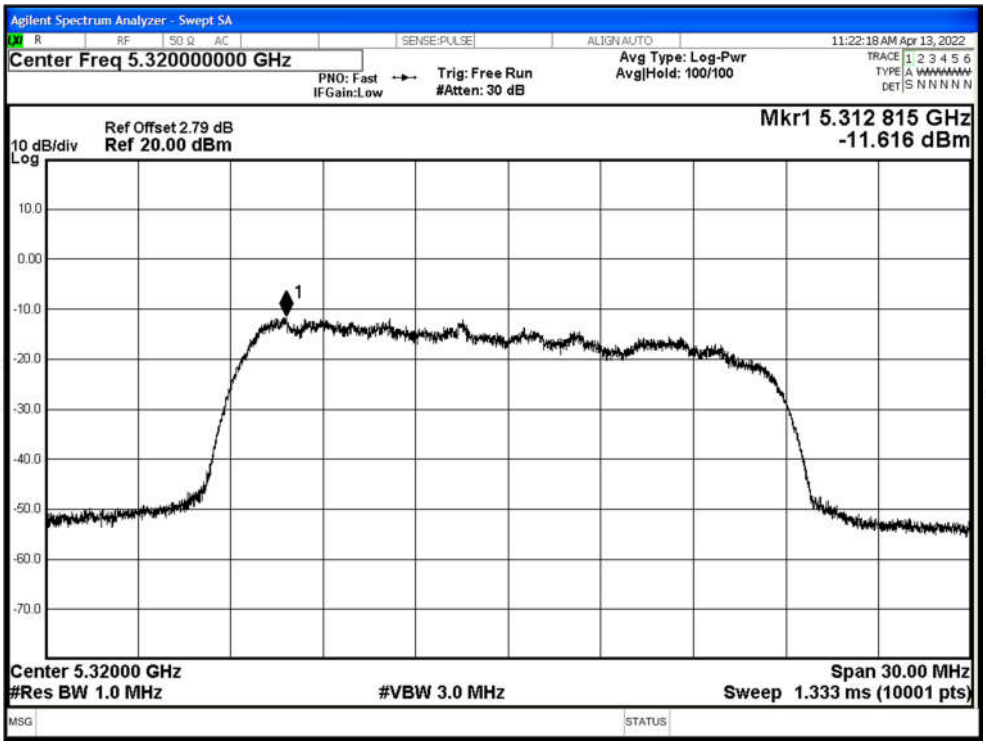
PSD NVNT a 5260MHz Ant0



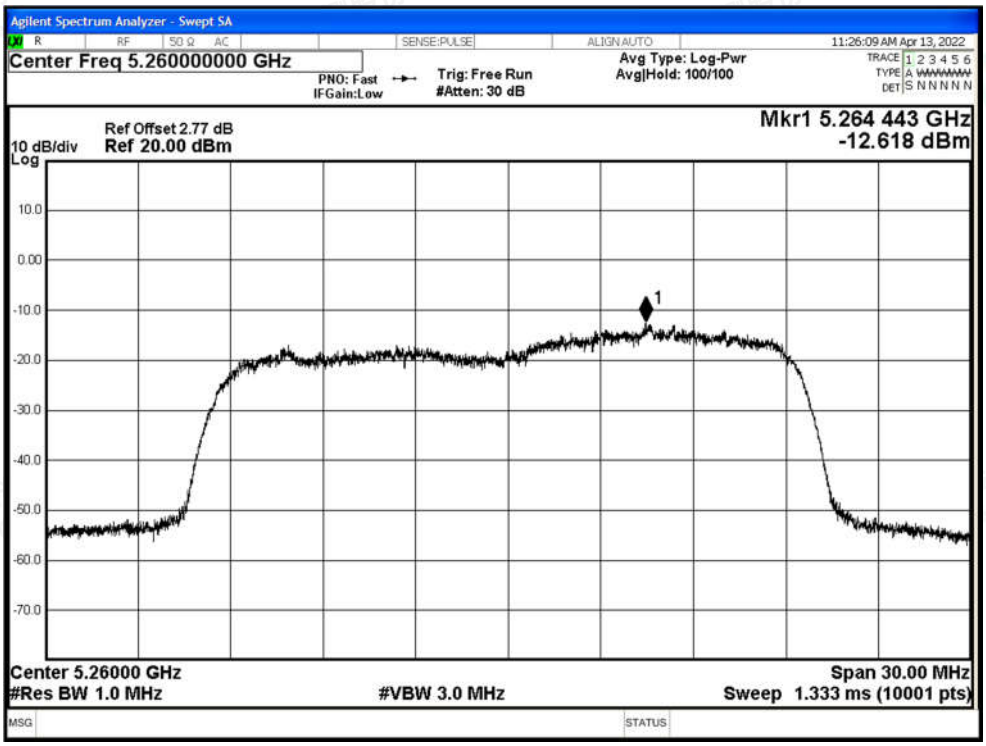
PSD NVNT a 5300MHz Ant0



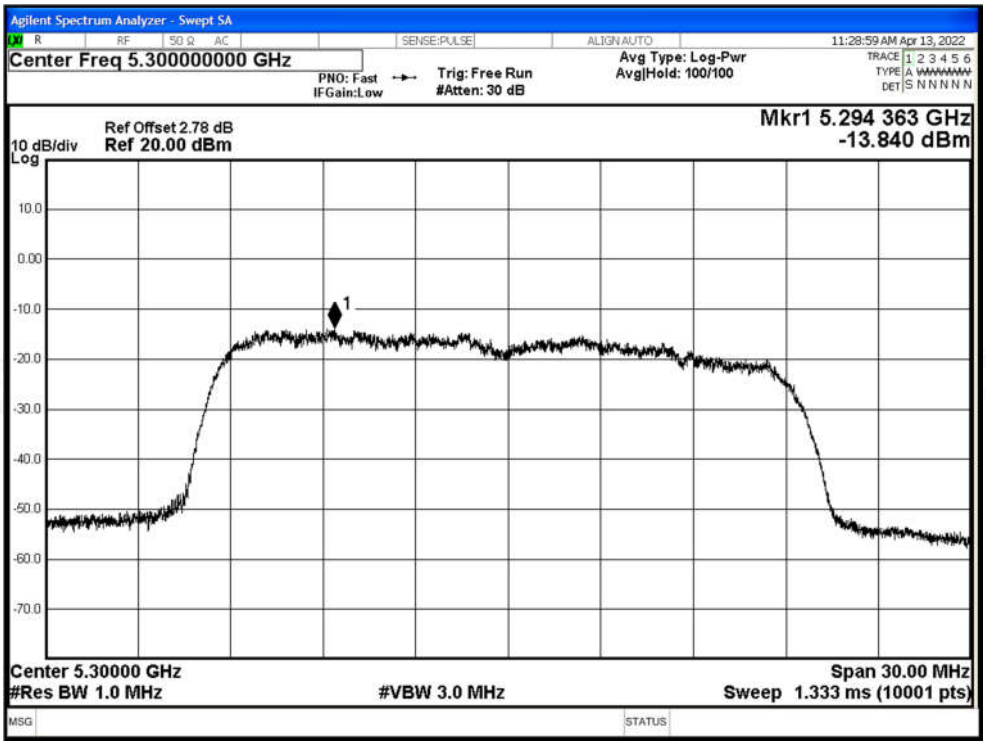
PSD NVNT a 5320MHz Ant0



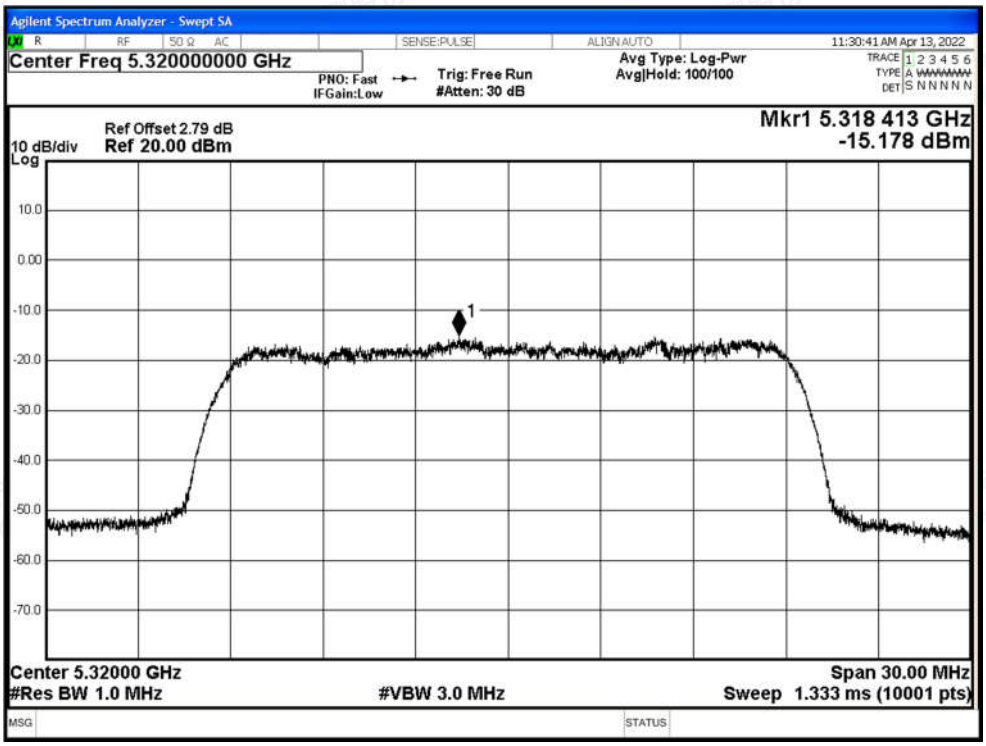
PSD NVNT n20 5260MHz Ant0



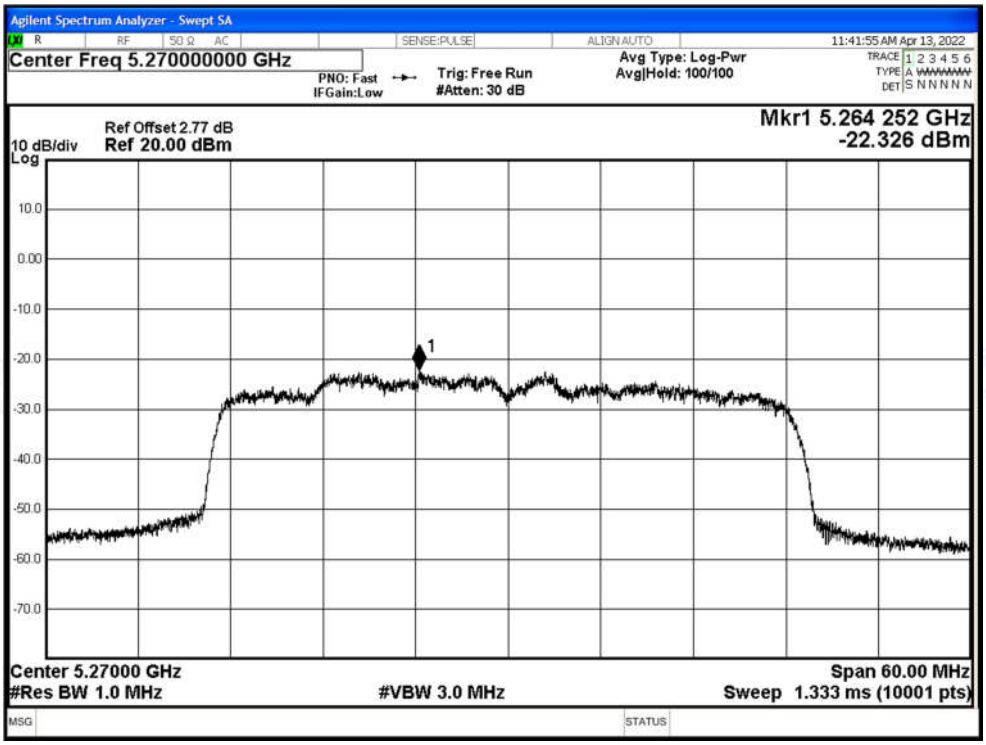
PSD NVNT n20 5300MHz Ant0



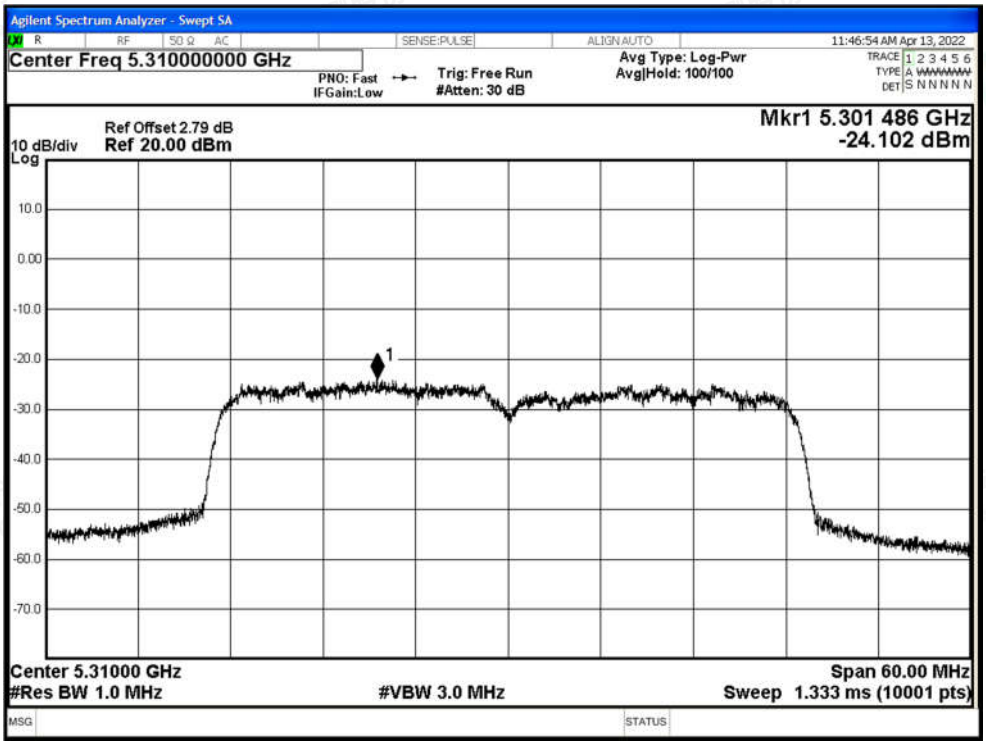
PSD NVNT n20 5320MHz Ant0



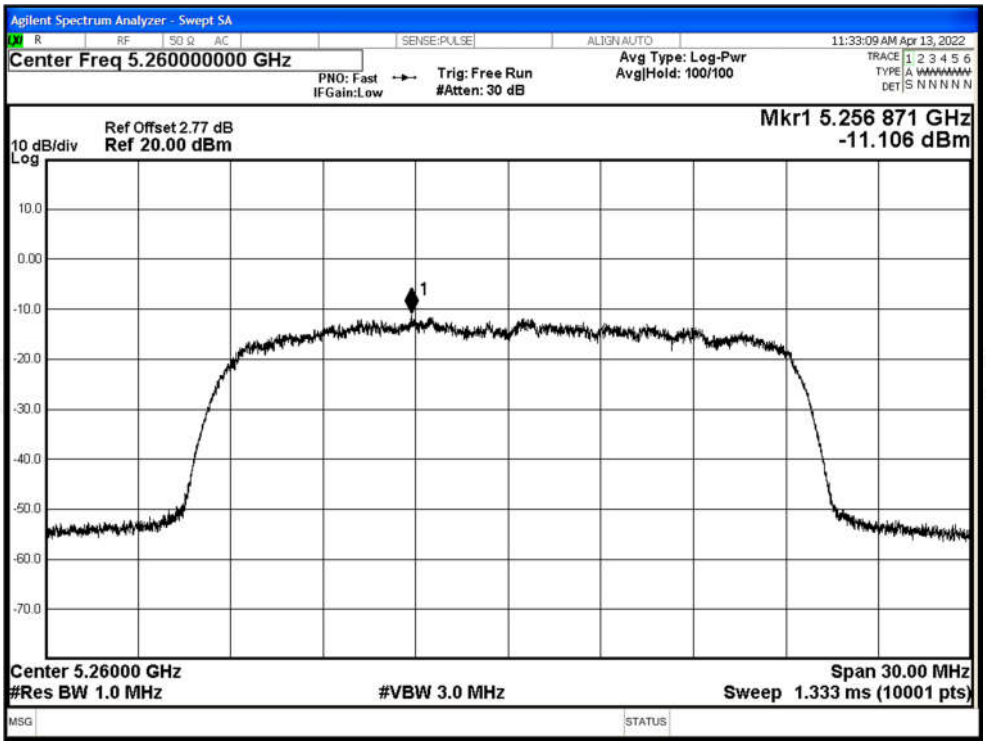
PSD NVNT n40 5270MHz Ant0



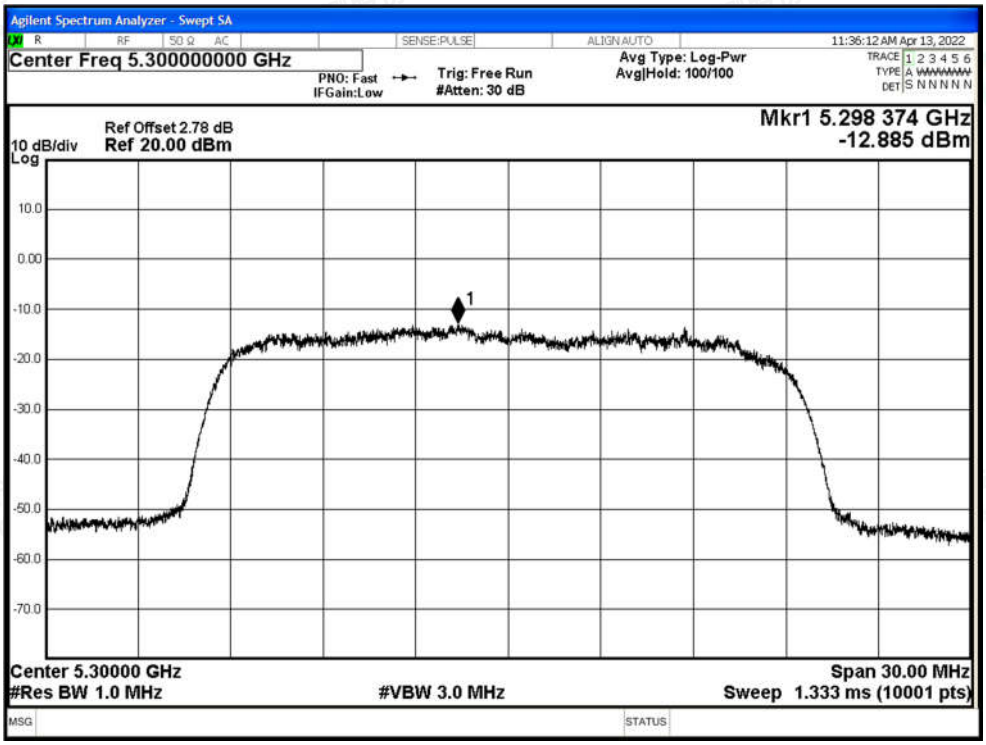
PSD NVNT n40 5310MHz Ant0



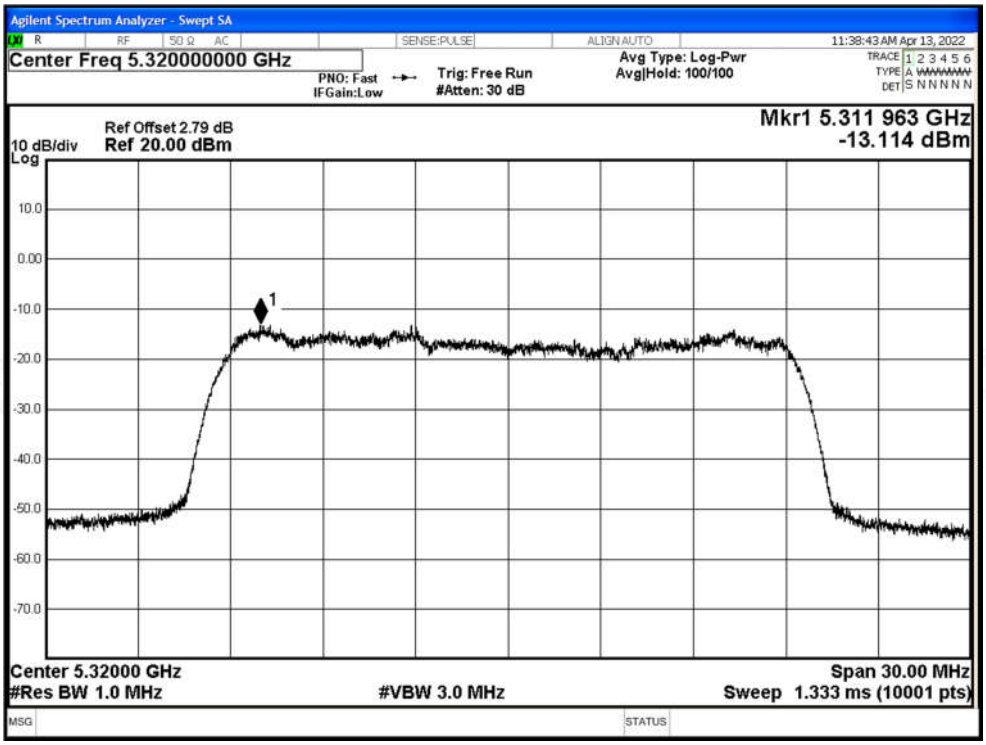
PSD NVNT ac20 5260MHz Ant0



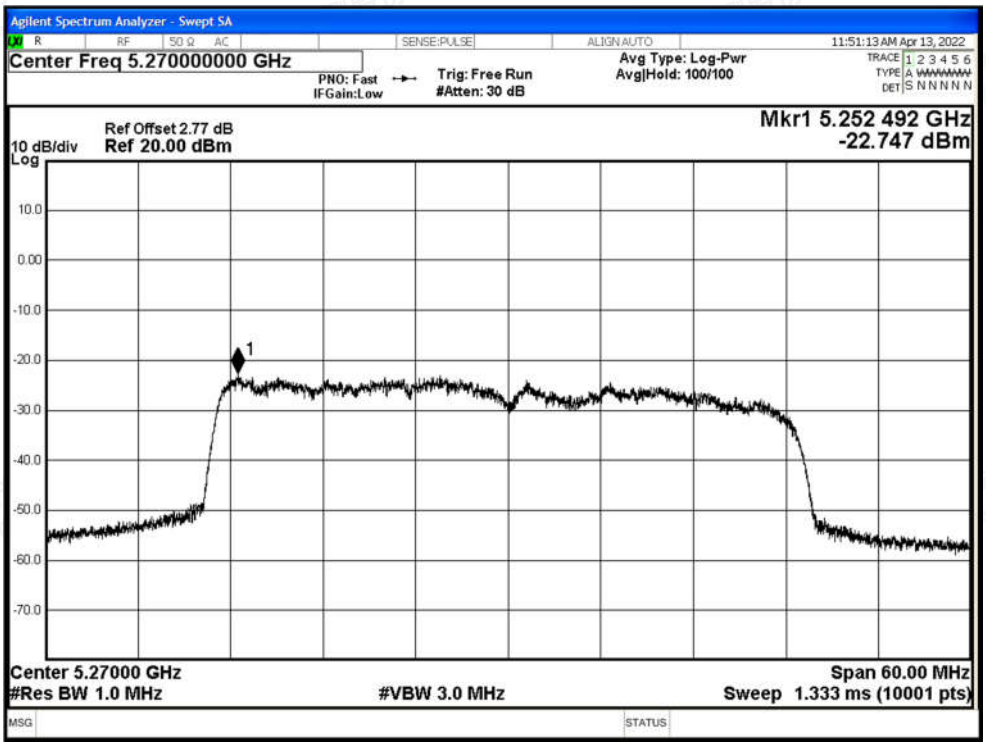
PSD NVNT ac20 5300MHz Ant0



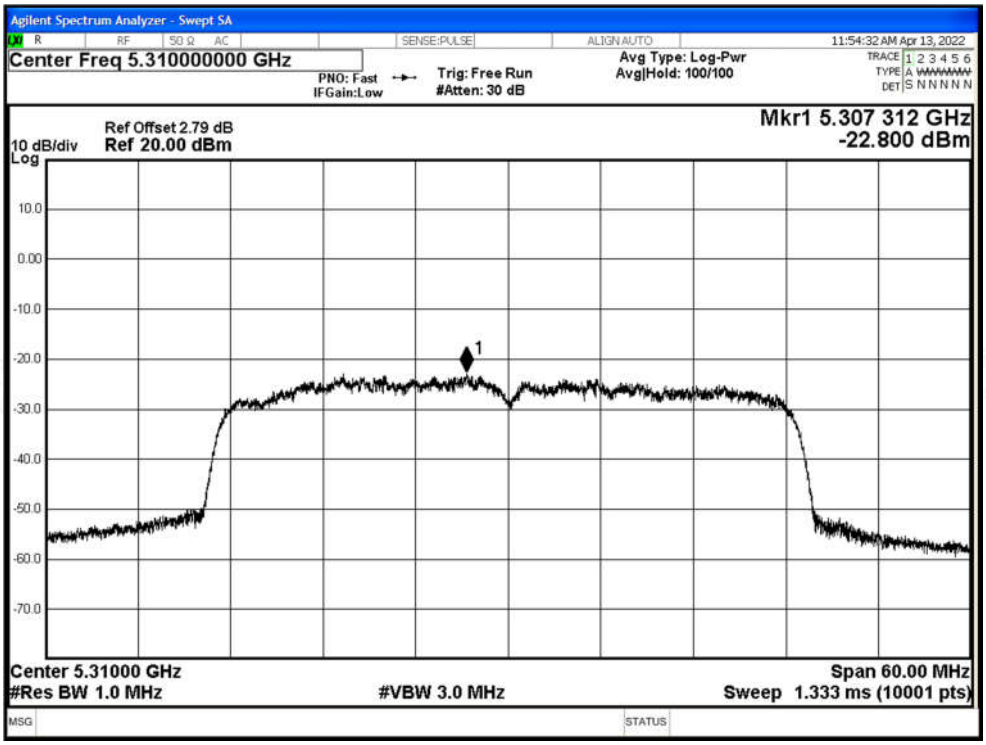
PSD NVNT ac20 5320MHz Ant0



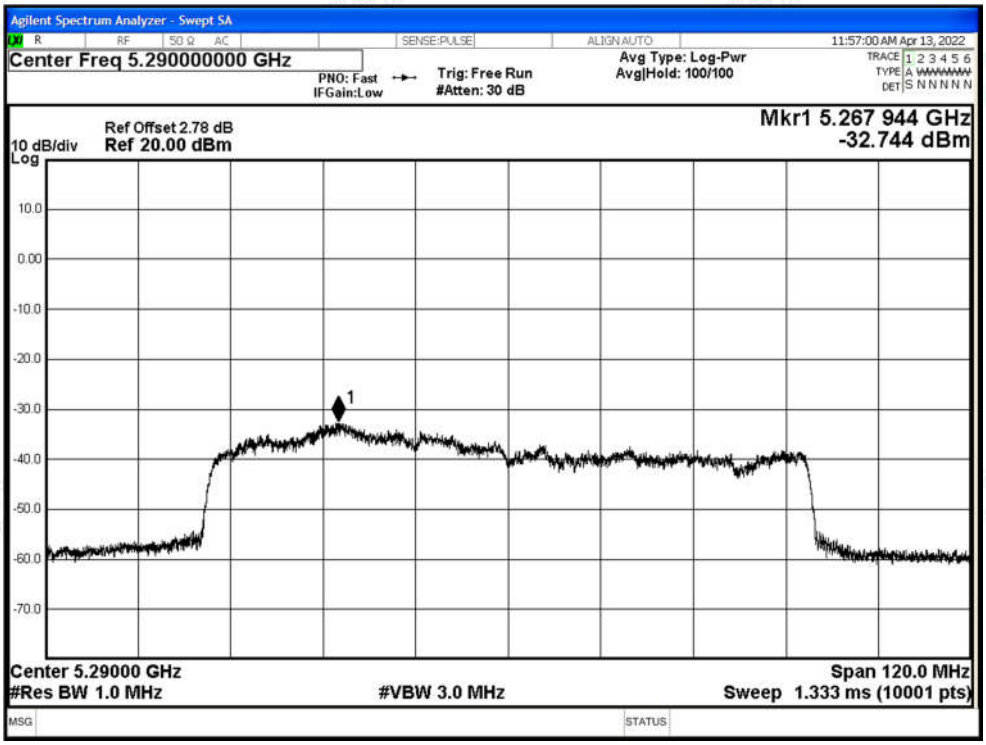
PSD NVNT ac40 5270MHz Ant0



PSD NVNT ac40 5310MHz Ant0

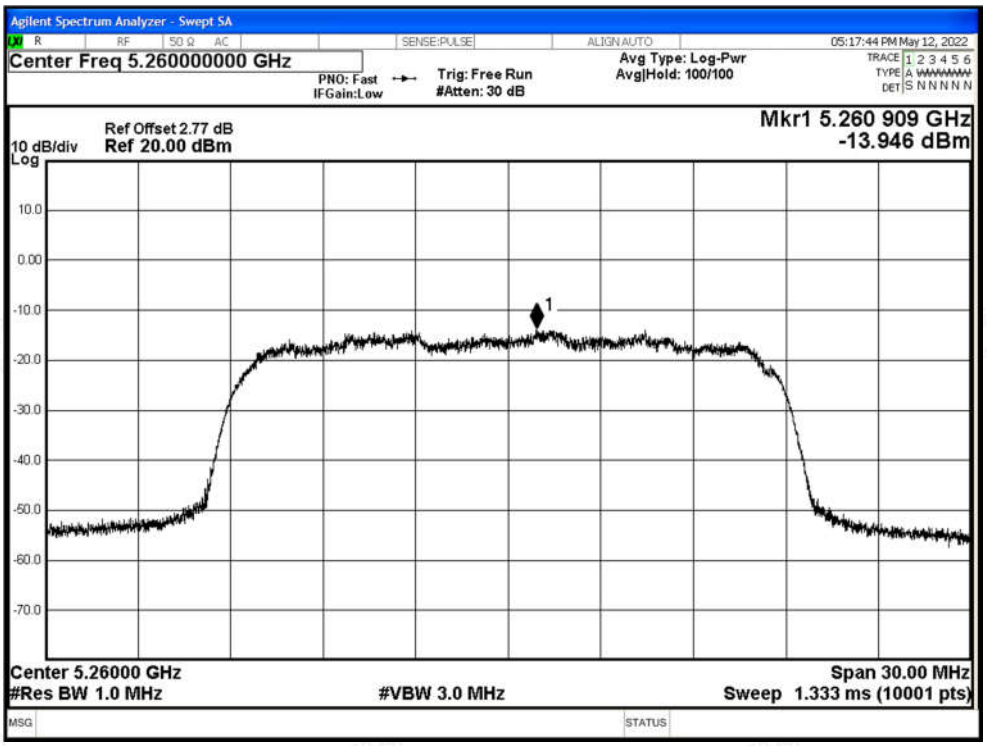


PSD NVNT ac80 5290MHz Ant0

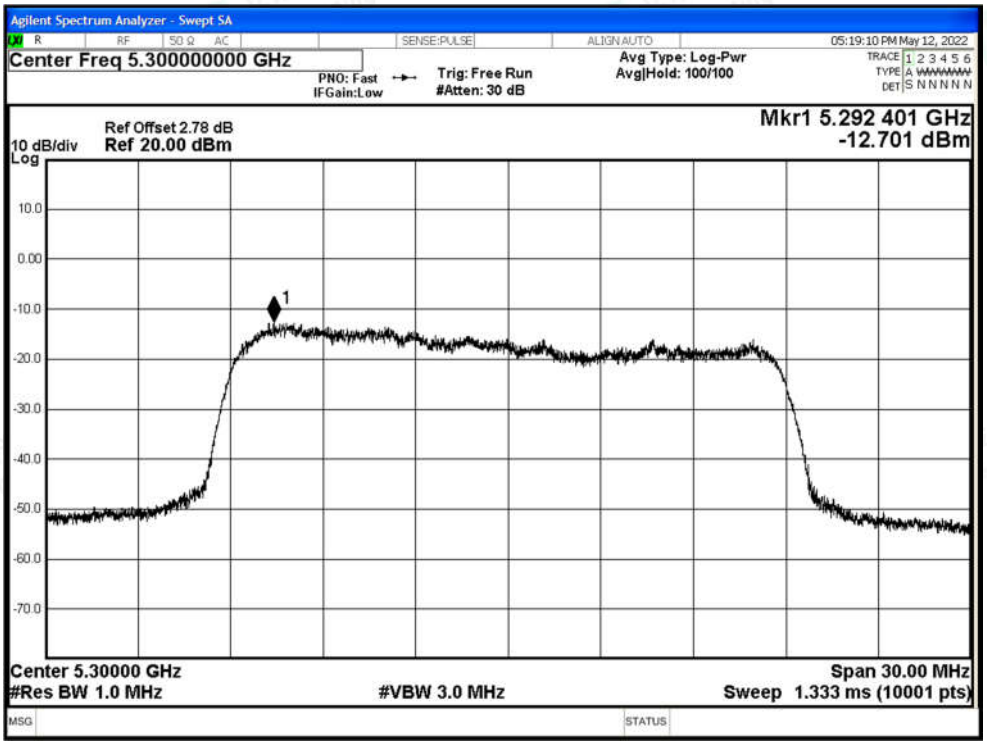


Test Graphs

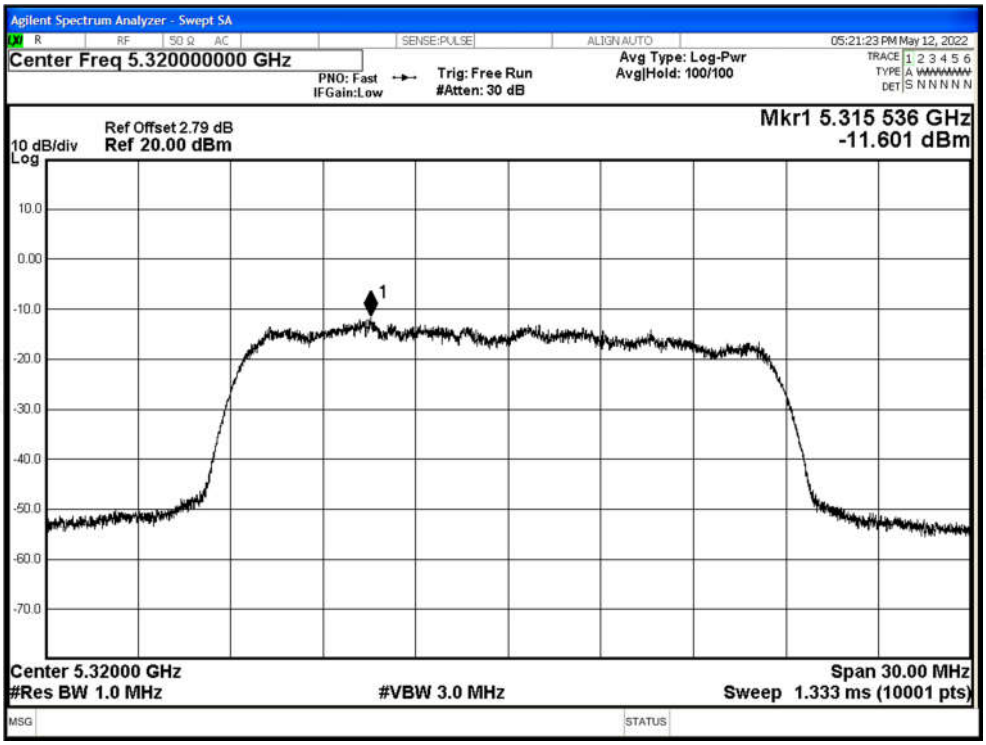
PSD NVNT a 5260MHz Ant1



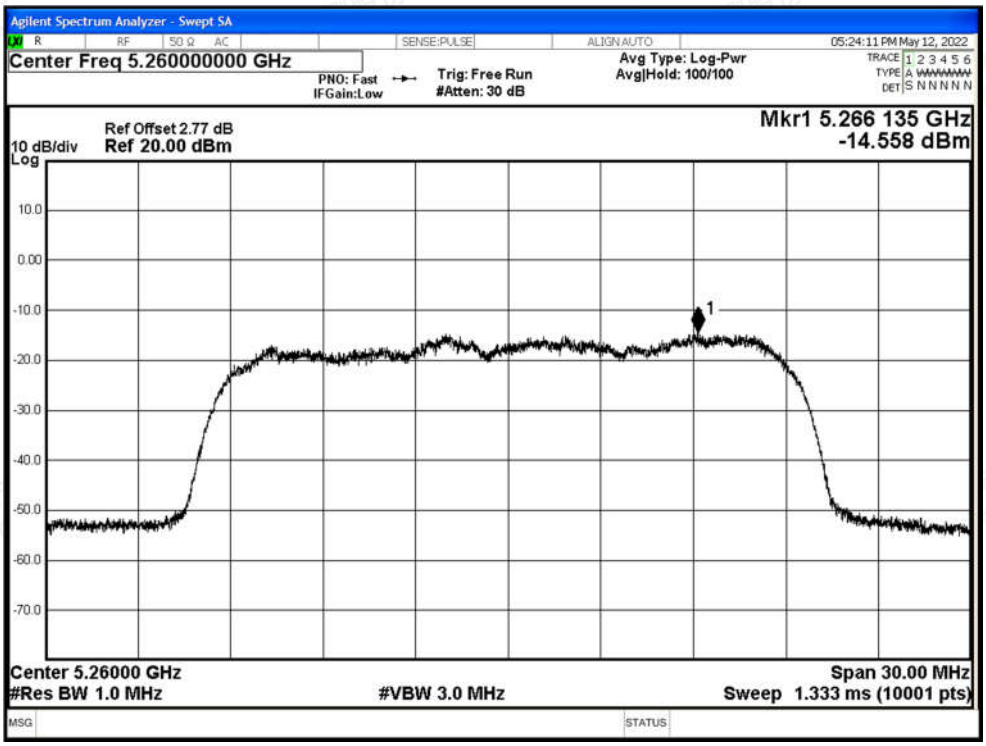
PSD NVNT a 5300MHz Ant1



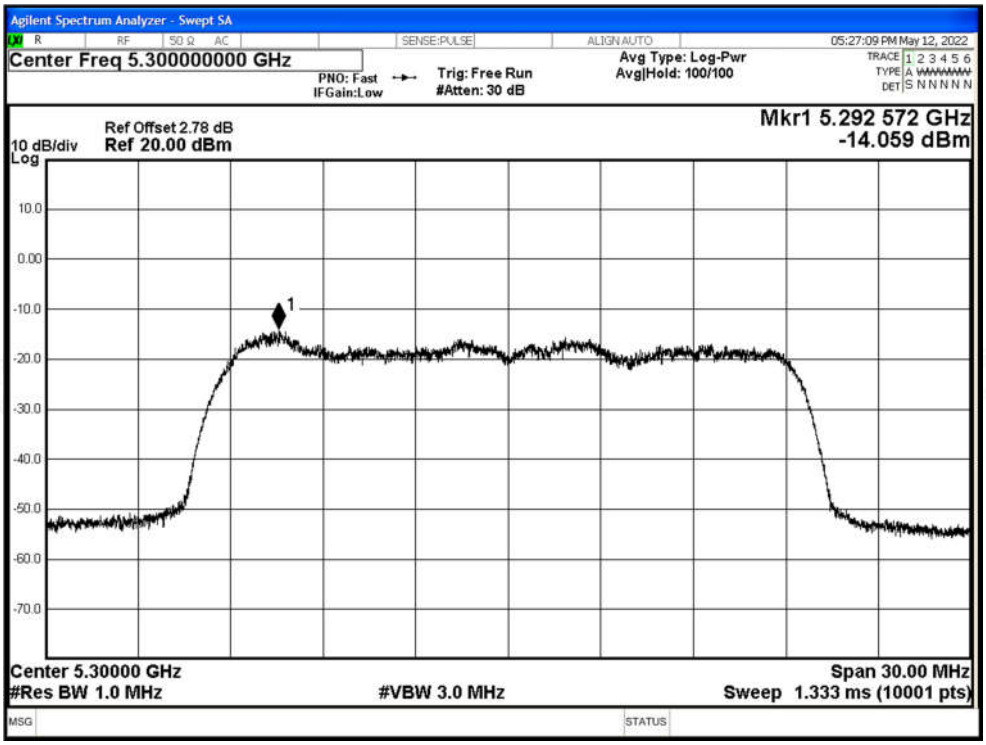
PSD NVNT a 5320MHz Ant1



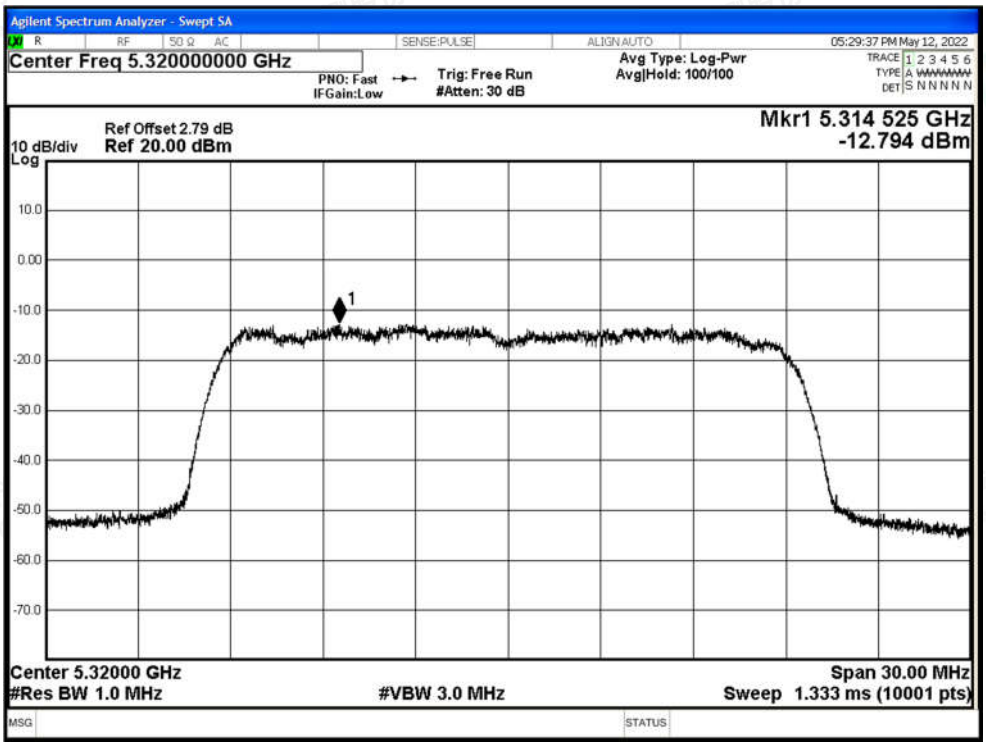
PSD NVNT n20 5260MHz Ant1



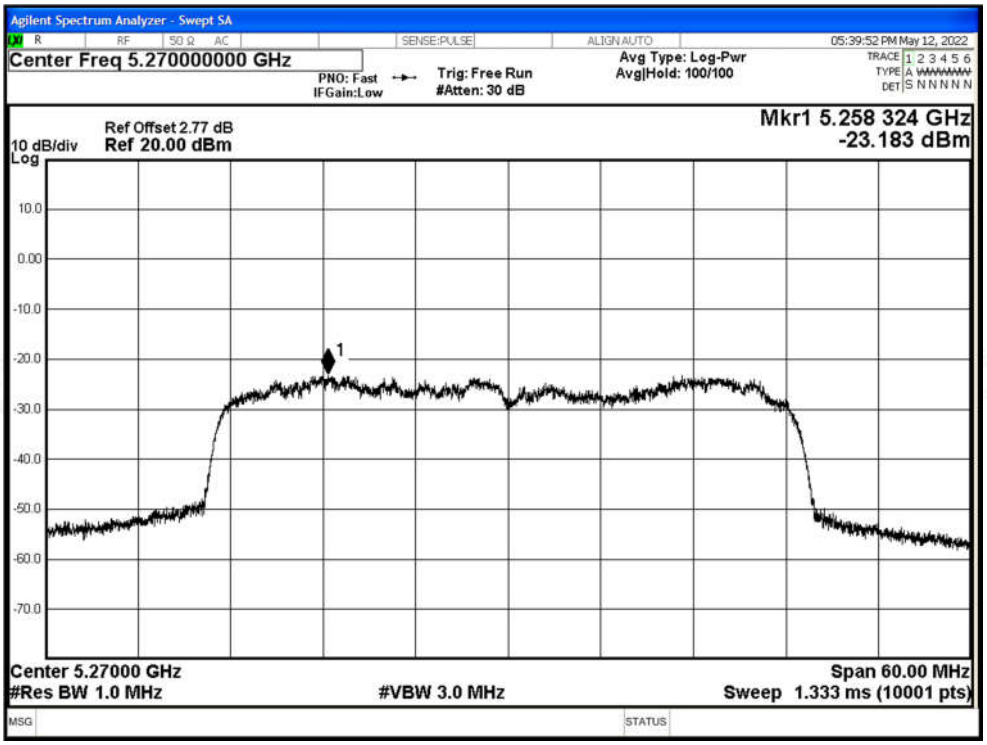
PSD NVNT n20 5300MHz Ant1



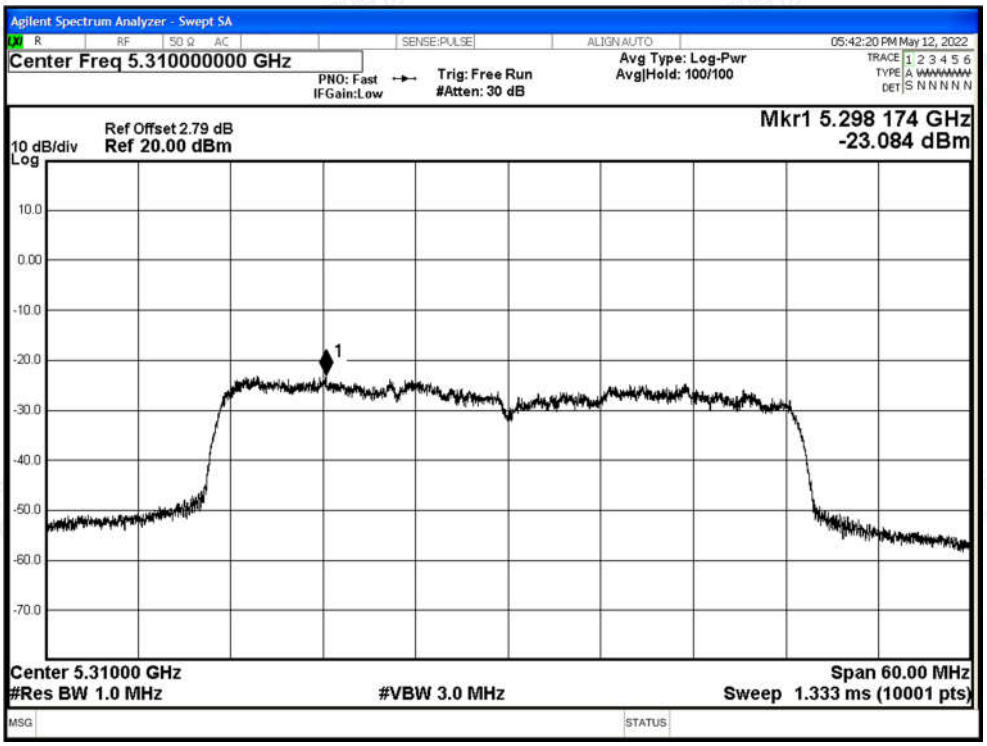
PSD NVNT n20 5320MHz Ant1



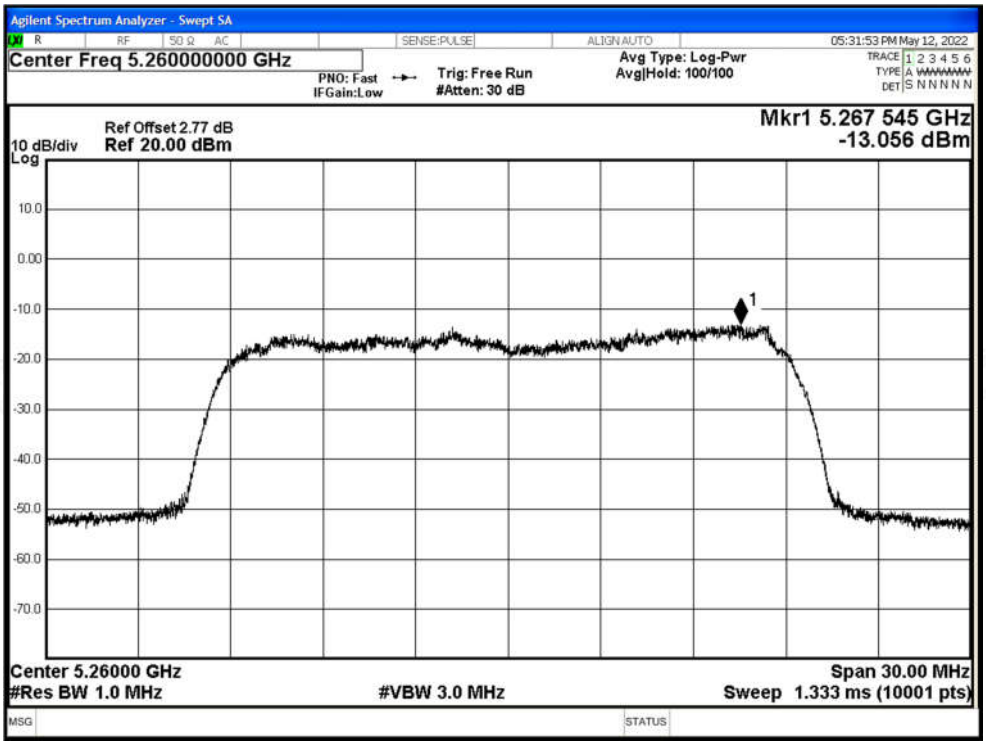
PSD NVNT n40 5270MHz Ant1



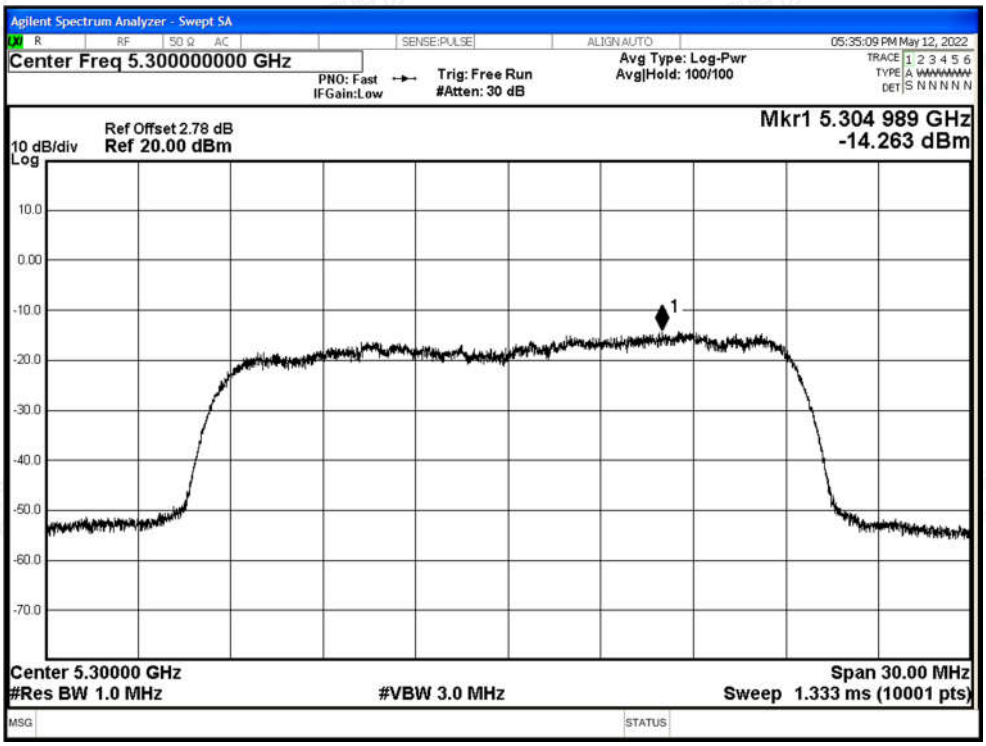
PSD NVNT n40 5310MHz Ant1



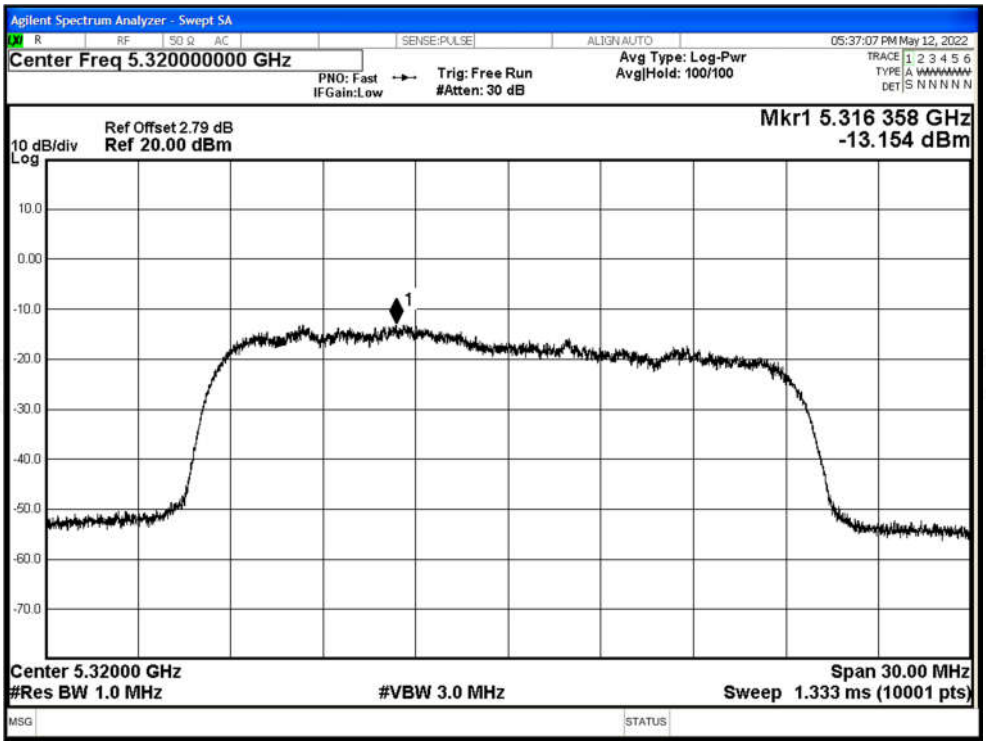
PSD NVNT ac20 5260MHz Ant1



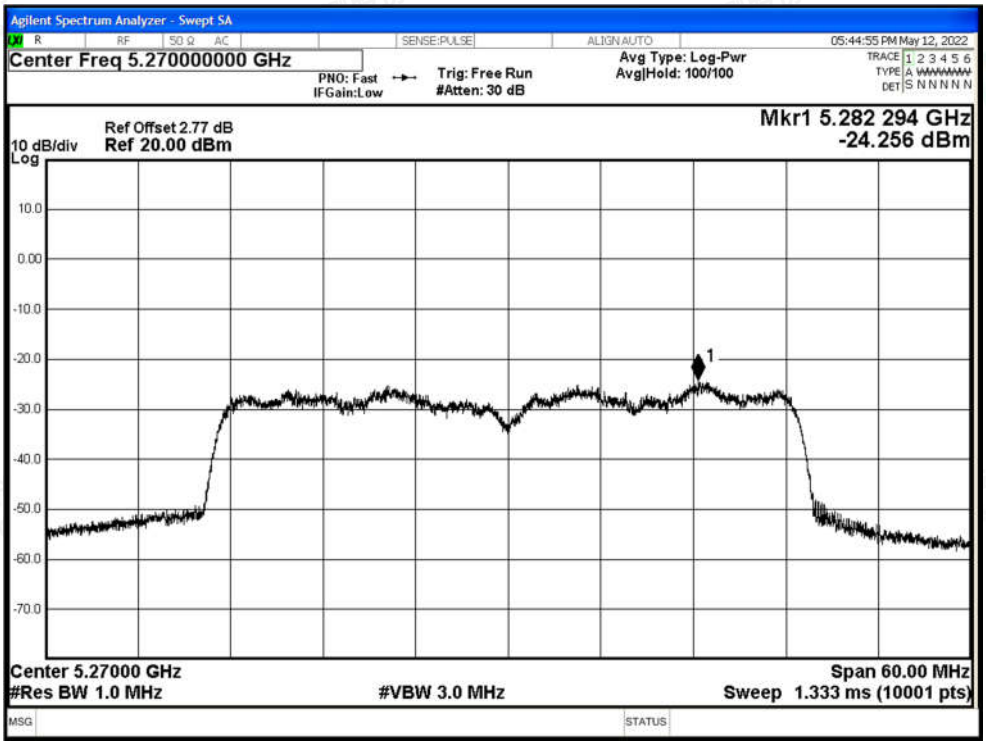
PSD NVNT ac20 5300MHz Ant1



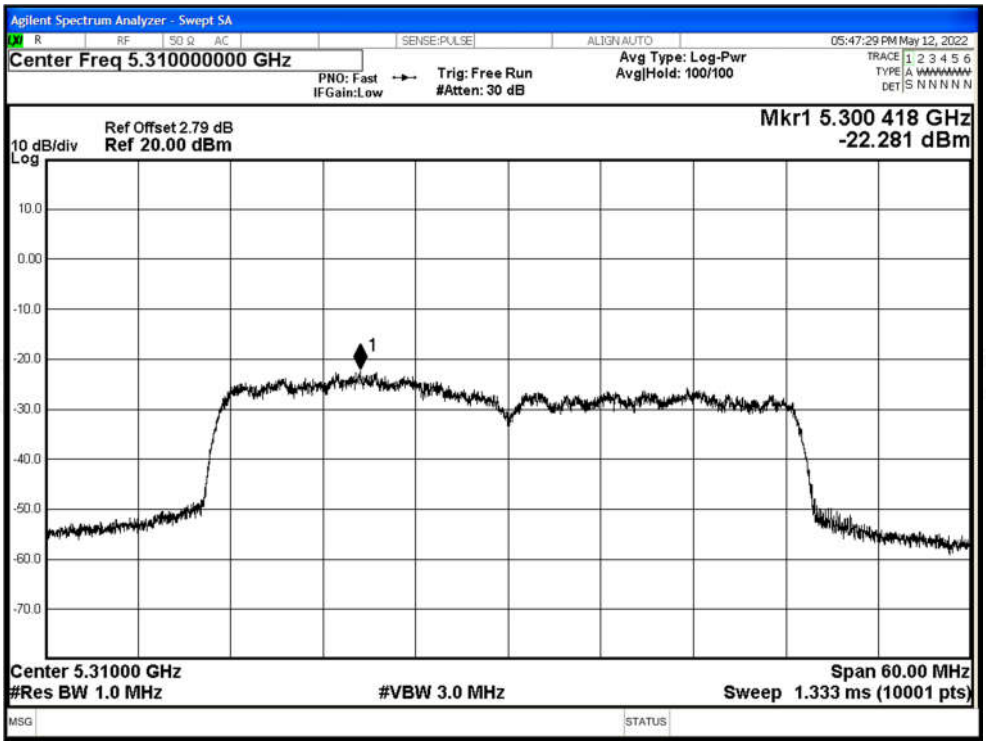
PSD NVNT ac20 5320MHz Ant1



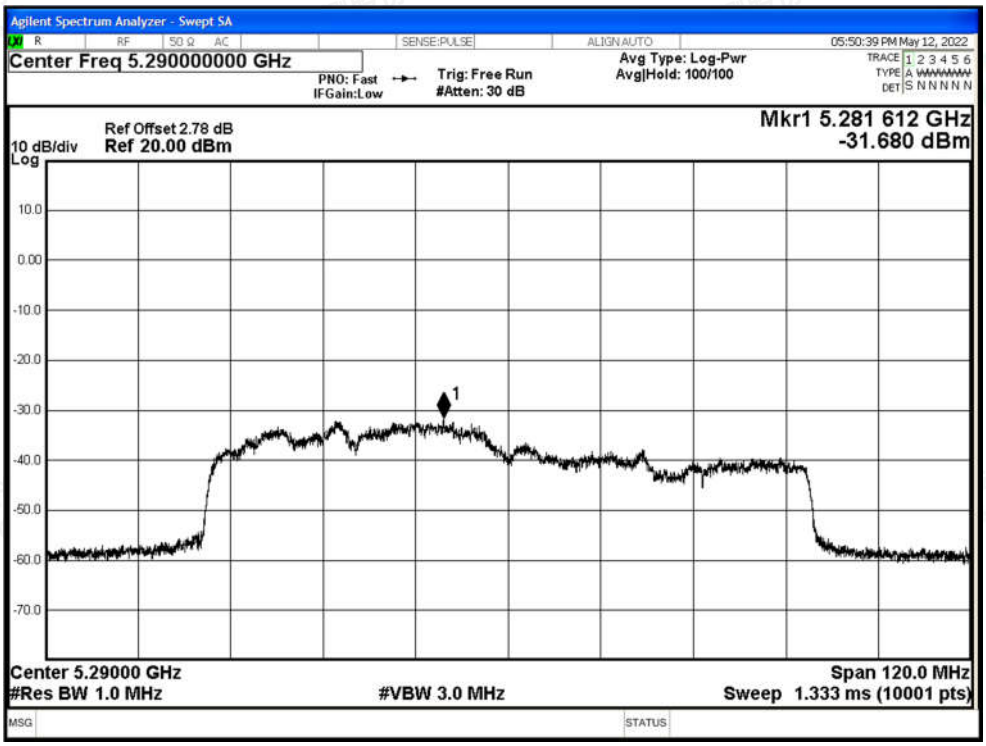
PSD NVNT ac40 5270MHz Ant1



PSD NVNT ac40 5310MHz Ant1



PSD NVNT ac80 5290MHz Ant1



E.4 Restrict Band

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant0	4500	-49.78	2	47.45	Peak	68.2	Pass
NVNT	a	5260	Ant0	4500	-60.69	2	36.54	Average	54	Pass
NVNT	a	5260	Ant0	5118.54	-45.89	2	51.34	Peak	68.2	Pass
NVNT	a	5260	Ant0	5137.26	-58.44	2	38.79	Average	54	Pass
NVNT	a	5260	Ant0	5150	-49.6	2	47.63	Peak	68.2	Pass
NVNT	a	5260	Ant0	5150	-58.67	2	38.56	Average	54	Pass
NVNT	a	5320	Ant0	5350	-48.87	2	48.36	Peak	68.2	Pass
NVNT	a	5320	Ant0	5350	-58.27	2	38.96	Average	54	Pass
NVNT	a	5320	Ant0	5359.2	-46.62	2	50.61	Peak	68.2	Pass
NVNT	a	5320	Ant0	5352	-58.19	2	39.04	Average	54	Pass
NVNT	a	5320	Ant0	5460	-50.38	2	46.85	Peak	68.2	Pass
NVNT	a	5320	Ant0	5460	-59.5	2	37.73	Average	54	Pass
NVNT	n20	5260	Ant0	4500	-50.85	2	46.38	Peak	68.2	Pass
NVNT	n20	5260	Ant0	4500	-60.69	2	36.54	Average	54	Pass
NVNT	n20	5260	Ant0	5113.08	-46.74	2	50.49	Peak	68.2	Pass
NVNT	n20	5260	Ant0	5146.62	-58.48	2	38.75	Average	54	Pass
NVNT	n20	5260	Ant0	5150	-49.58	2	47.65	Peak	68.2	Pass
NVNT	n20	5260	Ant0	5150	-58.46	2	38.77	Average	54	Pass
NVNT	n20	5320	Ant0	5350	-48.8	2	48.43	Peak	68.2	Pass
NVNT	n20	5320	Ant0	5350	-58.32	2	38.91	Average	54	Pass
NVNT	n20	5320	Ant0	5419.6	-46.24	2	50.99	Peak	68.2	Pass
NVNT	n20	5320	Ant0	5350.6	-58.2	2	39.03	Average	54	Pass
NVNT	n20	5320	Ant0	5460	-50.37	2	46.86	Peak	68.2	Pass
NVNT	n20	5320	Ant0	5460	-59.43	2	37.8	Average	54	Pass
NVNT	n40	5270	Ant0	4500	-50.27	2	46.96	Peak	68.2	Pass
NVNT	n40	5270	Ant0	4500	-53.67	2	43.56	Average	54	Pass
NVNT	n40	5270	Ant0	5109.93	-46.45	2	50.78	Peak	68.2	Pass
NVNT	n40	5270	Ant0	5079.96	-46.93	2	50.3	Average	54	Pass
NVNT	n40	5270	Ant0	5150	-48.81	2	48.42	Peak	68.2	Pass
NVNT	n40	5270	Ant0	5150	-50.35	2	46.88	Average	54	Pass
NVNT	n40	5310	Ant0	5350	-48.27	2	48.96	Peak	68.2	Pass
NVNT	n40	5310	Ant0	5350	-49.59	2	47.64	Average	54	Pass
NVNT	n40	5310	Ant0	5354.4	-39.99	2	57.24	Peak	68.2	Pass
NVNT	n40	5310	Ant0	5353.6	-46.14	2	51.09	Average	54	Pass
NVNT	n40	5310	Ant0	5460	-48.09	2	49.14	Peak	68.2	Pass
NVNT	n40	5310	Ant0	5460	-50.39	2	46.84	Average	54	Pass
NVNT	ac20	5260	Ant0	4500	-50.27	2	46.96	Peak	68.2	Pass

NVNT	ac20	5260	Ant0	4500	-60.6	2	36.63	Average	54	Pass
NVNT	ac20	5260	Ant0	5038.2	-46.23	2	51	Peak	68.2	Pass
NVNT	ac20	5260	Ant0	5144.28	-58.37	2	38.86	Average	54	Pass
NVNT	ac20	5260	Ant0	5150	-49.7	2	47.53	Peak	68.2	Pass
NVNT	ac20	5260	Ant0	5150	-58.53	2	38.7	Average	54	Pass
NVNT	ac20	5320	Ant0	5350	-48.8	2	48.43	Peak	68.2	Pass
NVNT	ac20	5320	Ant0	5350	-58.32	2	38.91	Average	54	Pass
NVNT	ac20	5320	Ant0	5419.6	-46.24	2	50.99	Peak	68.2	Pass
NVNT	ac20	5320	Ant0	5350.6	-58.2	2	39.03	Average	54	Pass
NVNT	ac20	5320	Ant0	5460	-50.37	2	46.86	Peak	68.2	Pass
NVNT	ac20	5320	Ant0	5460	-59.43	2	37.8	Average	54	Pass
NVNT	ac40	5270	Ant0	4500	-50.81	2	46.42	Peak	68.2	Pass
NVNT	ac40	5270	Ant0	4500	-52.82	2	44.41	Average	54	Pass
NVNT	ac40	5270	Ant0	5122.89	-46.53	2	50.7	Peak	68.2	Pass
NVNT	ac40	5270	Ant0	5089.68	-47.9	2	49.33	Average	54	Pass
NVNT	ac40	5270	Ant0	5150	-49.71	2	47.52	Peak	68.2	Pass
NVNT	ac40	5270	Ant0	5150	-51.26	2	45.97	Average	54	Pass
NVNT	ac40	5310	Ant0	5350	-48.59	2	48.64	Peak	68.2	Pass
NVNT	ac40	5310	Ant0	5350	-48.93	2	48.3	Average	54	Pass
NVNT	ac40	5310	Ant0	5373.6	-41.7	2	55.53	Peak	68.2	Pass
NVNT	ac40	5310	Ant0	5373	-44.06	2	53.17	Average	54	Pass
NVNT	ac40	5310	Ant0	5460	-50.02	2	47.21	Peak	68.2	Pass
NVNT	ac40	5310	Ant0	5460	-53.38	2	43.85	Average	54	Pass
NVNT	ac80	5290	Ant0	4500	-51.49	2	45.74	Peak	68.2	Pass
NVNT	ac80	5290	Ant0	4500	-53.88	2	43.35	Average	54	Pass
NVNT	ac80	5290	Ant0	5067.24	-46.6	2	50.63	Peak	68.2	Pass
NVNT	ac80	5290	Ant0	4699.23	-47.45	2	49.78	Average	54	Pass
NVNT	ac80	5290	Ant0	5150	-50.47	2	46.76	Peak	68.2	Pass
NVNT	ac80	5290	Ant0	5150	-49.78	2	47.45	Average	54	Pass
NVNT	ac80	5290	Ant1	5350	-46.44	2	50.79	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5350	-55.9	2	41.33	Average	54	Pass
NVNT	ac80	5290	Ant1	5357.5	-45.47	2	51.76	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5370	-55.8	2	41.43	Average	54	Pass
NVNT	ac80	5290	Ant1	5460	-50.47	2	46.76	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5460	-58.59	2	38.64	Average	54	Pass

Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant1	4500	-51.71	2	45.52	Peak	68.2	Pass
NVNT	a	5260	Ant1	4500	-60.8	2	36.43	Average	54	Pass
NVNT	a	5260	Ant1	5085	-46.65	2	50.58	Peak	68.2	Pass

NVNT	a	5260	Ant1	5122.44	-58.38	2	38.85	Average	54	Pass
NVNT	a	5260	Ant1	5150	-49.27	2	47.96	Peak	68.2	Pass
NVNT	a	5260	Ant1	5150	-58.27	2	38.96	Average	54	Pass
NVNT	a	5320	Ant1	5350	-49.66	2	47.57	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350	-57.85	2	39.38	Average	54	Pass
NVNT	a	5320	Ant1	5445.8	-47.02	2	50.21	Peak	68.2	Pass
NVNT	a	5320	Ant1	5353.6	-57.8	2	39.43	Average	54	Pass
NVNT	a	5320	Ant1	5460	-50.4	2	46.83	Peak	68.2	Pass
NVNT	a	5320	Ant1	5460	-59.43	2	37.8	Average	54	Pass
NVNT	n20	5260	Ant1	4500	-50.91	2	46.32	Peak	68.2	Pass
NVNT	n20	5260	Ant1	4500	-60.75	2	36.48	Average	54	Pass
NVNT	n20	5260	Ant1	5123.22	-46.83	2	50.4	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5125.56	-58.25	2	38.98	Average	54	Pass
NVNT	n20	5260	Ant1	5150	-49.56	2	47.67	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5150	-58.32	2	38.91	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-47.61	2	49.62	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5350	-57.73	2	39.5	Average	54	Pass
NVNT	n20	5320	Ant1	5362.8	-46.14	2	51.09	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5354.6	-57.6	2	39.63	Average	54	Pass
NVNT	n20	5320	Ant1	5460	-50.53	2	46.7	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5460	-59.46	2	37.77	Average	54	Pass
NVNT	n40	5270	Ant1	4500	-51.22	2	46.01	Peak	68.2	Pass
NVNT	n40	5270	Ant1	4500	-60.55	2	36.68	Average	54	Pass
NVNT	n40	5270	Ant1	5139.09	-47.04	2	50.19	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5136.66	-57.7	2	39.53	Average	54	Pass
NVNT	n40	5270	Ant1	5150	-49.4	2	47.83	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5150	-58.02	2	39.21	Average	54	Pass
NVNT	n40	5310	Ant1	5350	-46.28	2	50.95	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5350	-55.91	2	41.32	Average	54	Pass
NVNT	n40	5310	Ant1	5352.2	-39.89	2	57.34	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5389.8	-55.5	2	41.73	Average	54	Pass
NVNT	n40	5310	Ant1	5460	-49.62	2	47.61	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5460	-59.16	2	38.07	Average	54	Pass
NVNT	ac20	5260	Ant1	4500	-52.38	2	44.85	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	4500	-60.74	2	36.49	Average	54	Pass
NVNT	ac20	5260	Ant1	5063.94	-46.42	2	50.81	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5131.02	-58.26	2	38.97	Average	54	Pass
NVNT	ac20	5260	Ant1	5150	-49.75	2	47.48	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5150	-58.26	2	38.97	Average	54	Pass
NVNT	ac20	5320	Ant1	5350	-48.44	2	48.79	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350	-57.87	2	39.36	Average	54	Pass

NVNT	ac20	5320	Ant1	5354.2	-45.49	2	51.74	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350.6	-57.65	2	39.58	Average	54	Pass
NVNT	ac20	5320	Ant1	5460	-50.59	2	46.64	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5460	-59.21	2	38.02	Average	54	Pass
NVNT	ac40	5270	Ant1	4500	-49.88	2	47.35	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	4500	-60.54	2	36.69	Average	54	Pass
NVNT	ac40	5270	Ant1	5129.37	-47.11	2	50.12	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5136.66	-57.59	2	39.64	Average	54	Pass
NVNT	ac40	5270	Ant1	5150	-47.65	2	49.58	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5150	-58.02	2	39.21	Average	54	Pass
NVNT	ac40	5310	Ant1	5350	-48.68	2	48.55	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350	-56.61	2	40.62	Average	54	Pass
NVNT	ac40	5310	Ant1	5353	-41.61	2	55.62	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5390	-55.67	2	41.56	Average	54	Pass
NVNT	ac40	5310	Ant1	5460	-51.7	2	45.53	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5460	-59.07	2	38.16	Average	54	Pass
NVNT	ac80	5290	Ant1	4500	-51.53	2	45.7	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	4500	-60.43	2	36.8	Average	54	Pass
NVNT	ac80	5290	Ant1	5130.75	-46.49	2	50.74	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5129.88	-57.26	2	39.97	Average	54	Pass
NVNT	ac80	5290	Ant1	5150	-45.91	2	51.32	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5150	-57.65	2	39.58	Average	54	Pass
NVNT	ac80	5290	Ant1	5350	-46.44	2	50.79	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5350	-55.9	2	41.33	Average	54	Pass
NVNT	ac80	5290	Ant1	5357.5	-45.47	2	51.76	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5370	-55.8	2	41.43	Average	54	Pass
NVNT	ac80	5290	Ant1	5460	-50.47	2	46.76	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5460	-58.59	2	38.64	Average	54	Pass

MIMO

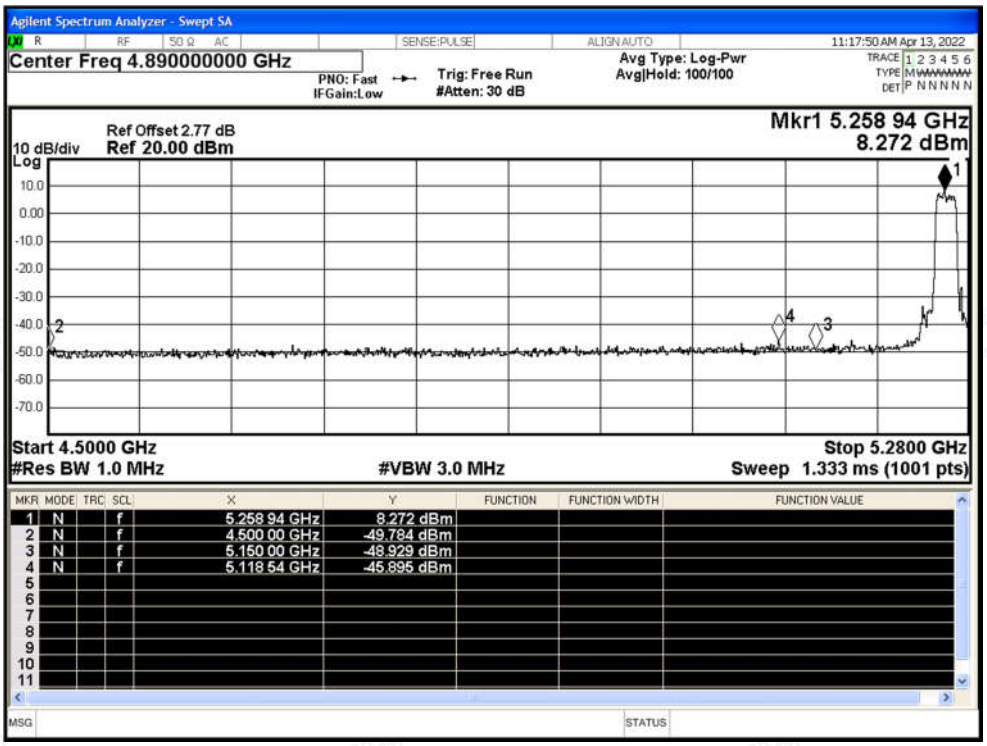
Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)			E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
				ANT0	ANT1	ANT0+ANT1				
NVNT	n20	5260	4500	-50.85	-50.91	-47.87	47.36	Peak	68.2	Pass
NVNT	n20	5260	4500	-60.69	-60.75	-57.71	37.52	Average	54	Pass
NVNT	n20	5260	5113.08	-46.74	-46.83	-43.77	51.45	Peak	68.2	Pass
NVNT	n20	5260	5146.62	-58.48	-58.25	-55.35	39.87	Average	54	Pass
NVNT	n20	5260	5150	-49.58	-49.56	-46.56	48.67	Peak	68.2	Pass
NVNT	n20	5260	5150	-58.46	-58.32	-55.38	39.85	Average	54	Pass
NVNT	n20	5320	5350	-48.8	-47.61	-45.15	50.07	Peak	68.2	Pass
NVNT	n20	5320	5350	-58.32	-57.73	-55.00	40.22	Average	54	Pass
NVNT	n20	5320	5419.6	-46.24	-46.14	-43.18	52.05	Peak	68.2	Pass
NVNT	n20	5320	5350.6	-58.2	-57.6	-54.88	40.35	Average	54	Pass
NVNT	n20	5320	5460	-50.37	-50.53	-47.44	47.79	Peak	68.2	Pass
NVNT	n20	5320	5460	-59.43	-59.46	-56.43	38.79	Average	54	Pass
NVNT	n40	5270	4500	-50.27	-51.22	-47.71	47.52	Peak	68.2	Pass
NVNT	n40	5270	4500	-53.67	-60.55	-52.86	42.37	Average	54	Pass
NVNT	n40	5270	5109.93	-46.45	-47.04	-43.72	51.50	Peak	68.2	Pass
NVNT	n40	5270	5079.96	-46.93	-57.7	-46.58	48.65	Average	54	Pass
NVNT	n40	5270	5150	-48.81	-49.4	-46.08	49.14	Peak	68.2	Pass
NVNT	n40	5270	5150	-50.35	-58.02	-49.66	45.56	Average	54	Pass
NVNT	n40	5310	5350	-48.27	-46.28	-44.15	51.08	Peak	68.2	Pass
NVNT	n40	5310	5350	-49.59	-55.91	-48.68	46.55	Average	54	Pass
NVNT	n40	5310	5354.4	-39.99	-39.89	-36.93	58.30	Peak	68.2	Pass
NVNT	n40	5310	5353.6	-46.14	-55.5	-45.66	49.56	Average	54	Pass
NVNT	n40	5310	5460	-48.09	-49.62	-45.78	49.45	Peak	68.2	Pass
NVNT	n40	5310	5460	-50.39	-59.16	-49.85	45.38	Average	54	Pass
NVNT	ac20	5260	4500	-50.27	-52.38	-48.19	47.04	Peak	68.2	Pass
NVNT	ac20	5260	4500	-60.6	-60.74	-57.66	37.57	Average	54	Pass
NVNT	ac20	5260	5038.2	-46.23	-46.42	-43.31	51.91	Peak	68.2	Pass
NVNT	ac20	5260	5144.28	-58.37	-58.26	-55.30	39.92	Average	54	Pass
NVNT	ac20	5260	5150	-49.7	-49.75	-46.71	48.51	Peak	68.2	Pass
NVNT	ac20	5260	5150	-58.53	-58.26	-55.38	39.84	Average	54	Pass
NVNT	ac20	5320	NVNT	-48.8	-48.44	-45.61	49.62	Peak	68.2	Pass
NVNT	ac20	5320	NVNT	-58.32	-57.87	-55.08	40.15	Average	54	Pass
NVNT	ac20	5320	NVNT	-46.24	-45.49	-42.84	52.39	Peak	68.2	Pass
NVNT	ac20	5320	NVNT	-58.2	-57.65	-54.91	40.32	Average	54	Pass
NVNT	ac20	5320	NVNT	-50.37	-50.59	-47.47	47.76	Peak	68.2	Pass
NVNT	ac20	5320	NVNT	-59.43	-59.21	-56.31	38.92	Average	54	Pass

NVNT	ac40	5270	4500	-50.81	-49.88	-47.31	47.92	Peak	68.2	Pass
NVNT	ac40	5270	4500	-52.82	-60.54	-52.14	43.09	Average	54	Pass
NVNT	ac40	5270	5122.89	-46.53	-47.11	-43.80	51.43	Peak	68.2	Pass
NVNT	ac40	5270	5089.68	-47.9	-57.59	-47.46	47.77	Average	54	Pass
NVNT	ac40	5270	5150	-49.71	-47.65	-45.55	49.68	Peak	68.2	Pass
NVNT	ac40	5270	5150	-51.26	-58.02	-50.43	44.80	Average	54	Pass
NVNT	ac40	5310	5350	-48.59	-48.68	-45.62	49.60	Peak	68.2	Pass
NVNT	ac40	5310	5350	-48.93	-56.61	-48.25	46.98	Average	54	Pass
NVNT	ac40	5310	5373.6	-41.7	-41.61	-38.64	56.58	Peak	68.2	Pass
NVNT	ac40	5310	5373	-44.06	-55.67	-43.77	51.46	Average	54	Pass
NVNT	ac40	5310	5460	-50.02	-51.7	-47.77	47.46	Peak	68.2	Pass
NVNT	ac40	5310	5460	-53.38	-59.07	-52.34	42.88	Average	54	Pass
NVNT	ac80	5290	4500	-51.49	-51.53	-48.50	46.73	Peak	68.2	Pass
NVNT	ac80	5290	4500	-53.88	-60.43	-53.01	42.22	Average	54	Pass
NVNT	ac80	5290	5067.24	-46.6	-46.49	-43.53	51.69	Peak	68.2	Pass
NVNT	ac80	5290	4699.23	-47.45	-57.26	-47.02	48.21	Average	54	Pass
NVNT	ac80	5290	5150	-50.47	-45.91	-44.61	50.62	Peak	68.2	Pass
NVNT	ac80	5290	5150	-49.78	-57.65	-49.12	46.10	Average	54	Pass
NVNT	ac80	5290	5350	-46.44	-46.44	-43.43	51.80	Peak	68.2	Pass
NVNT	ac80	5290	5350	-55.9	-55.9	-52.89	42.34	Average	54	Pass
NVNT	ac80	5290	5357.5	-45.47	-45.47	-42.46	52.77	Peak	68.2	Pass
NVNT	ac80	5290	5370	-55.8	-55.8	-52.79	42.44	Average	54	Pass
NVNT	ac80	5290	5460	-50.47	-50.47	-47.46	47.77	Peak	68.2	Pass
NVNT	ac80	5290	5460	-58.59	-58.59	-55.58	39.65	Average	54	Pass

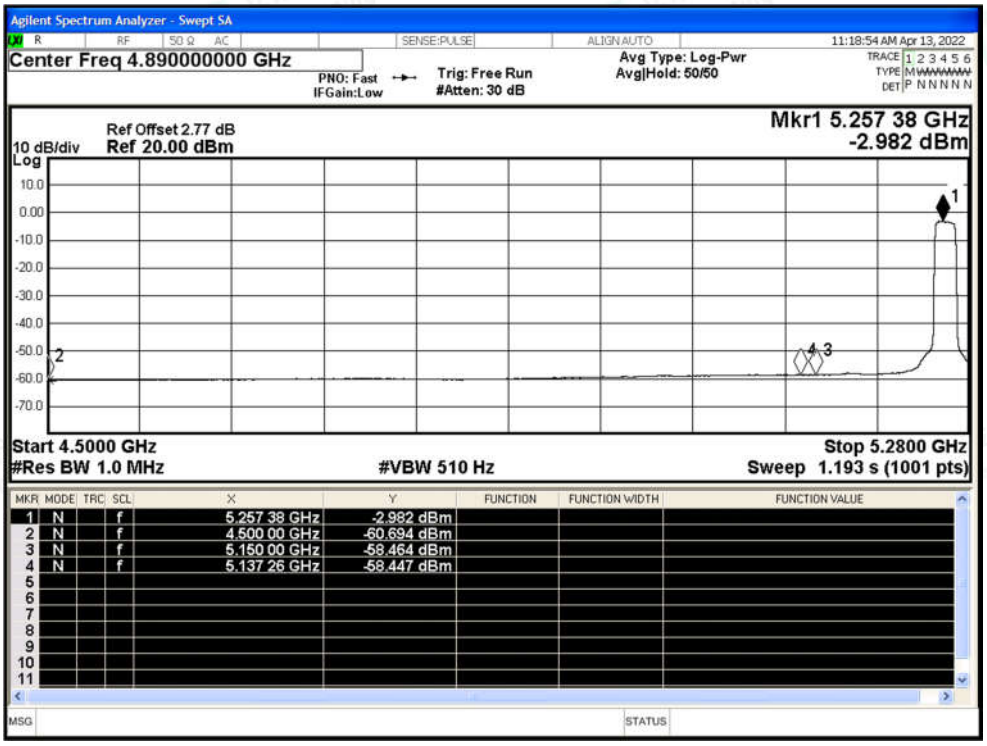
Note: The Antenna Gain is compensated in the graph

Test Graphs

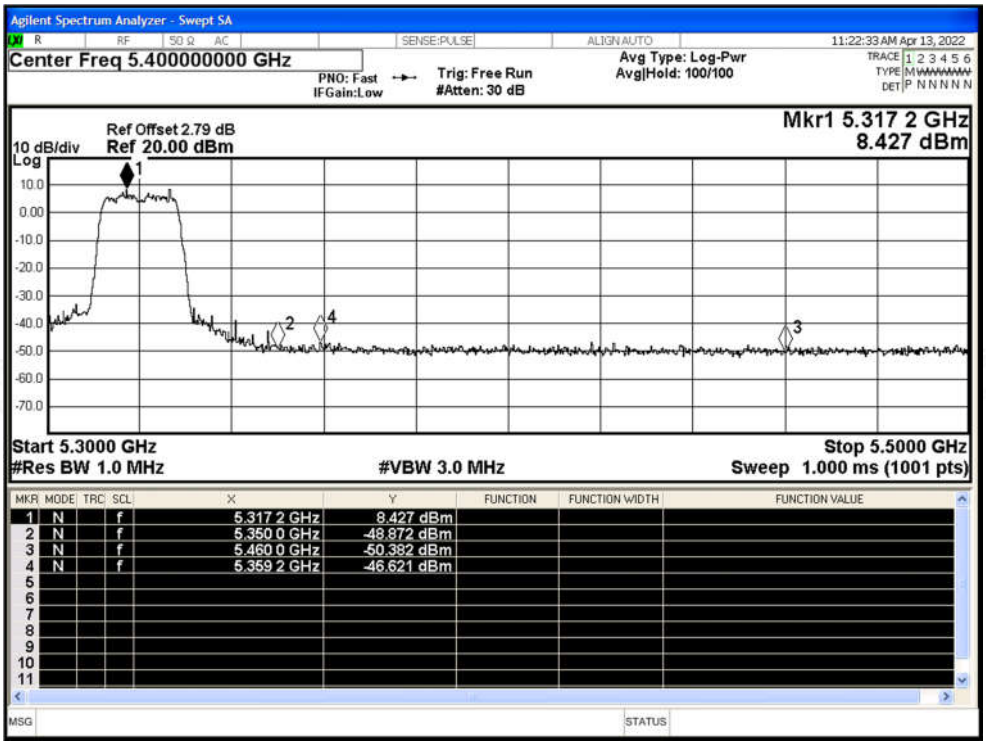
Restrict Band NVNT a 5260MHz Ant0 Peak



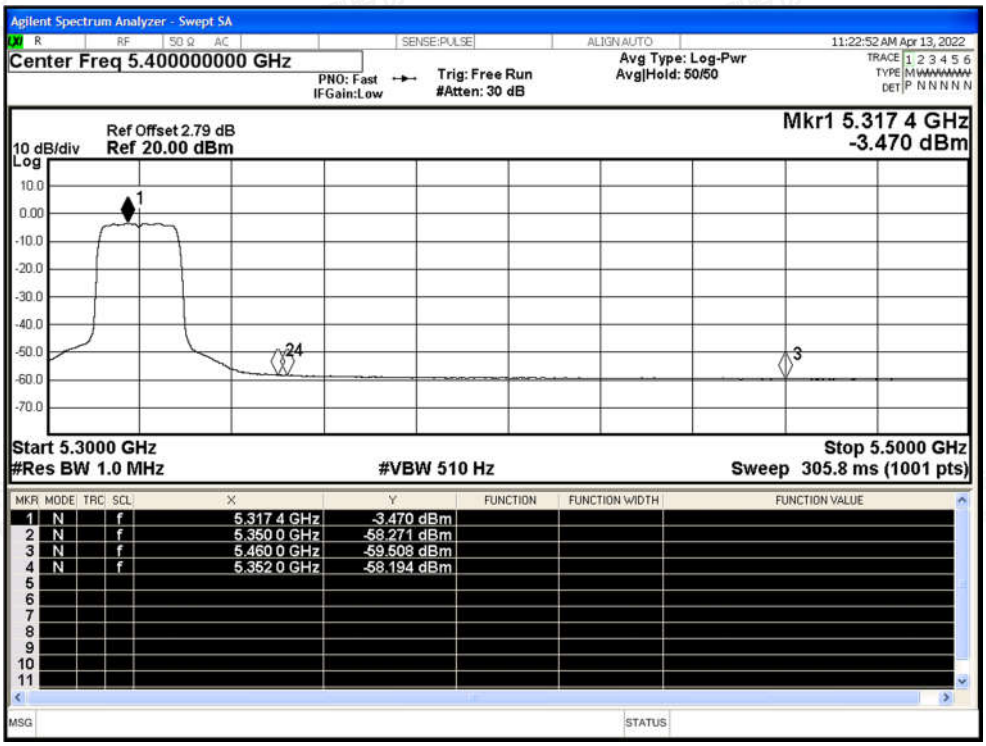
Restrict Band NVNT a 5260MHz Ant0 Average



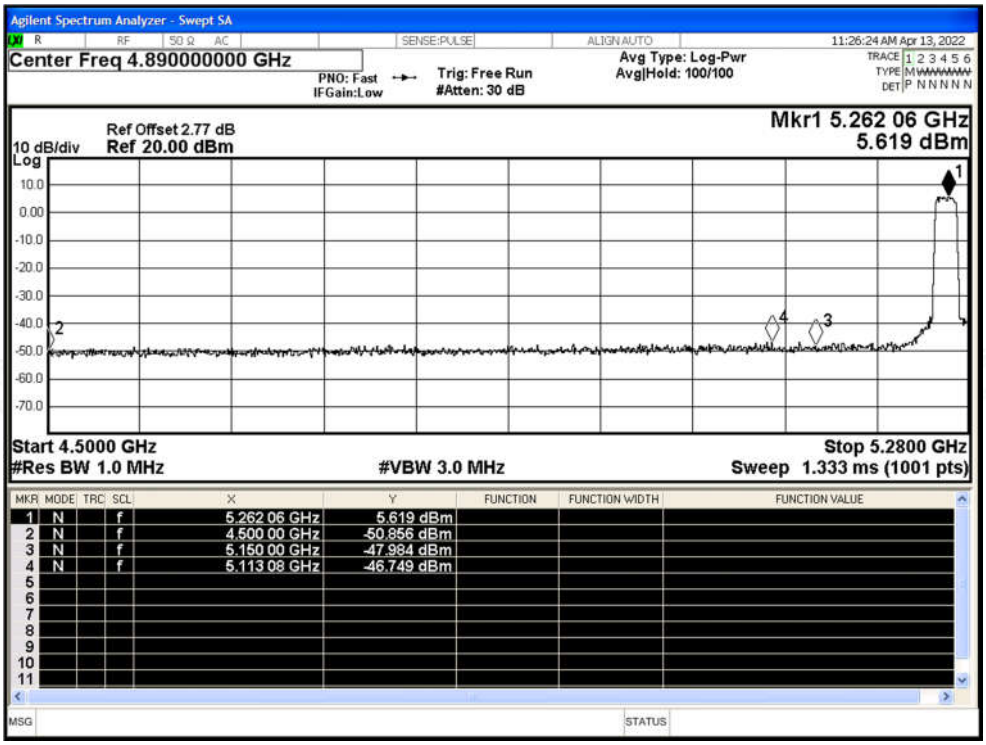
Restrict Band NVNT a 5320MHz Ant0 Peak



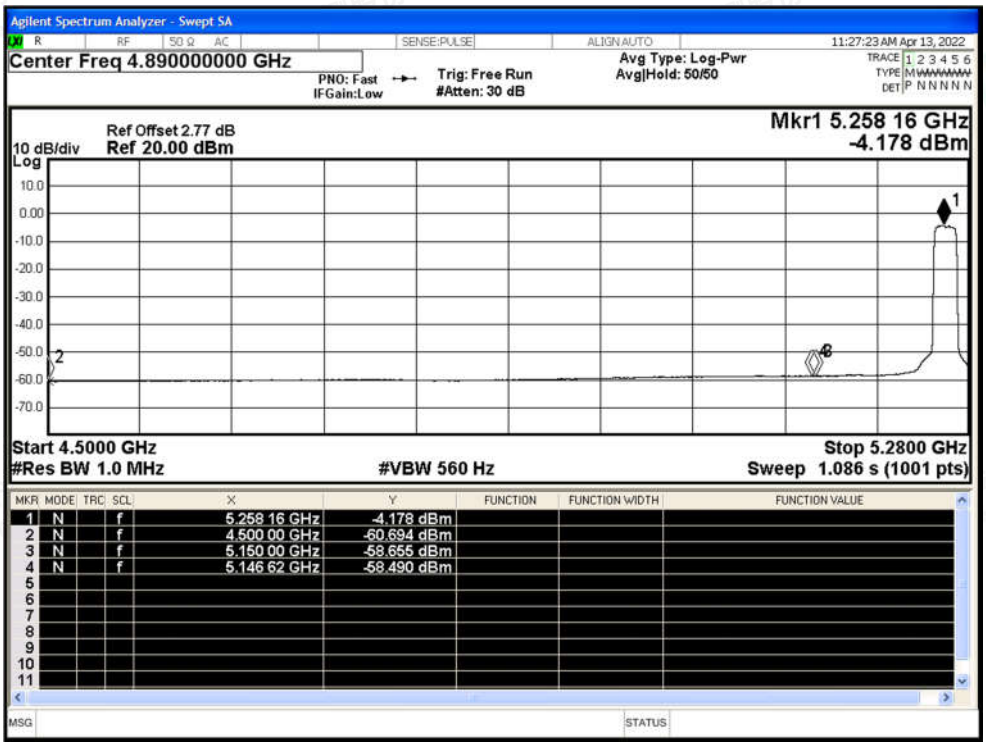
Restrict Band NVNT a 5320MHz Ant0 Average



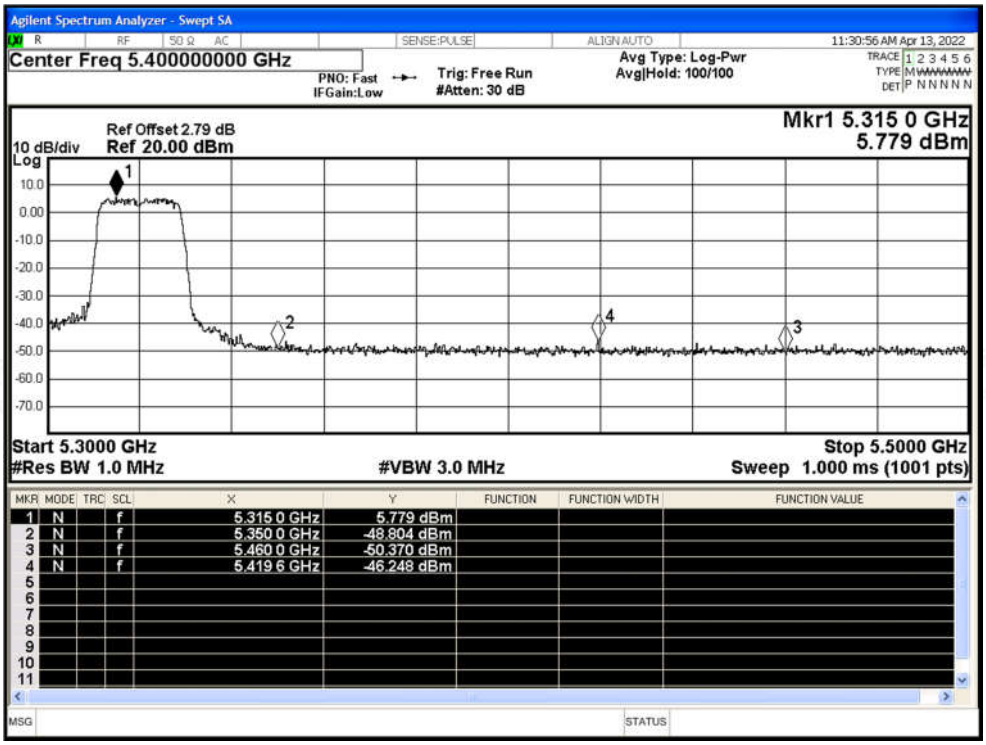
Restrict Band NVNT n20 5260MHz Ant0 Peak



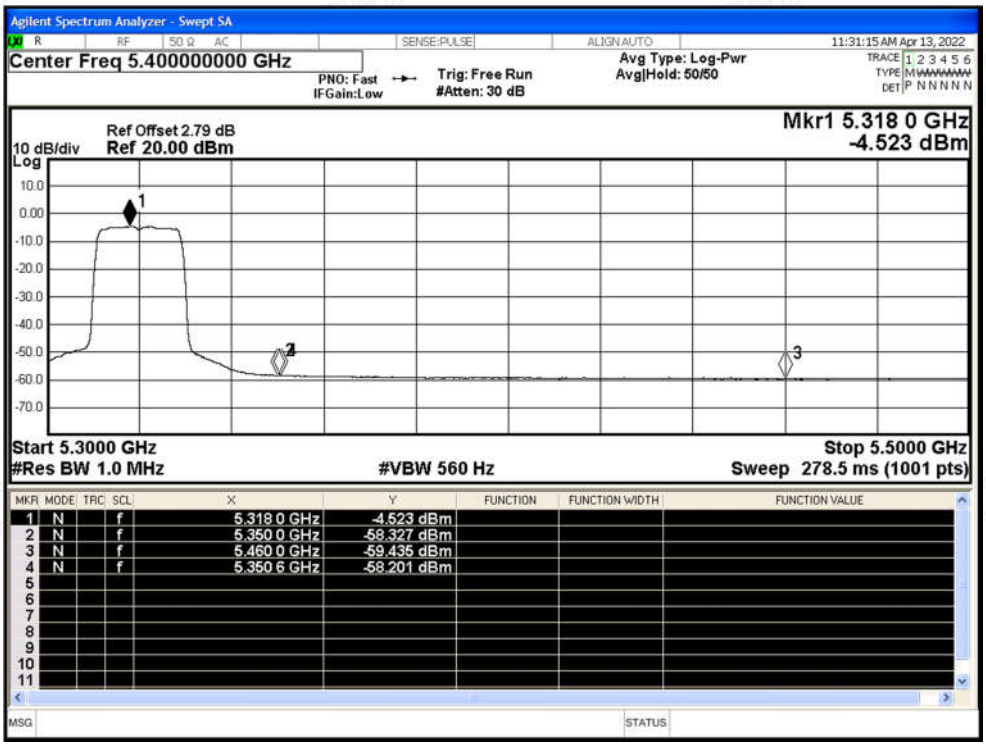
Restrict Band NVNT n20 5260MHz Ant0 Average



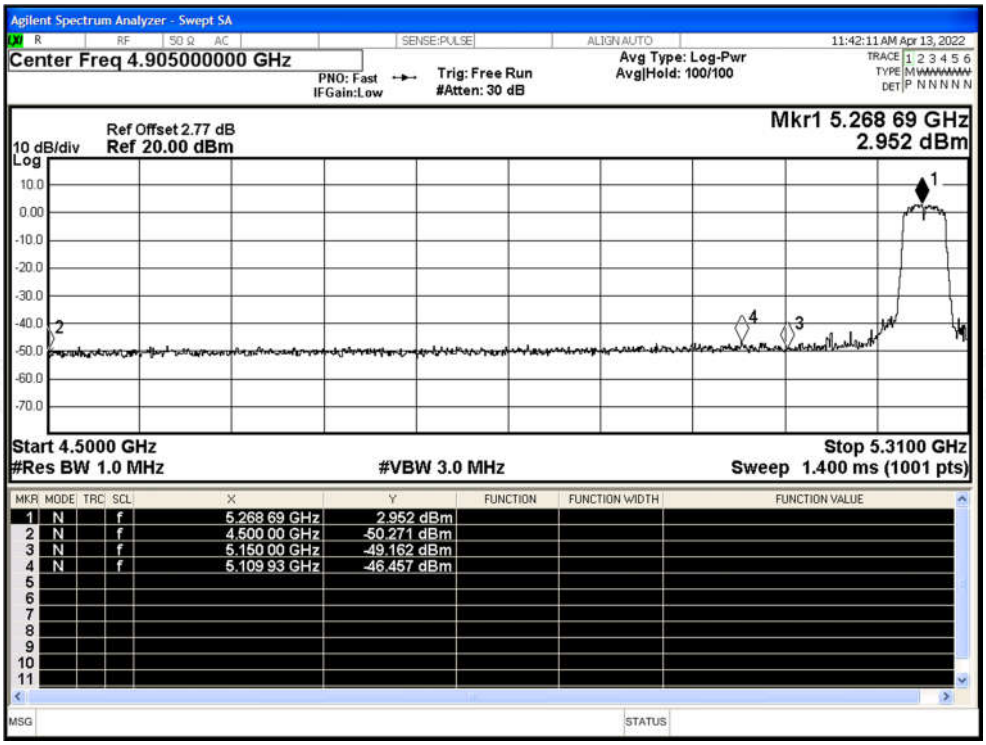
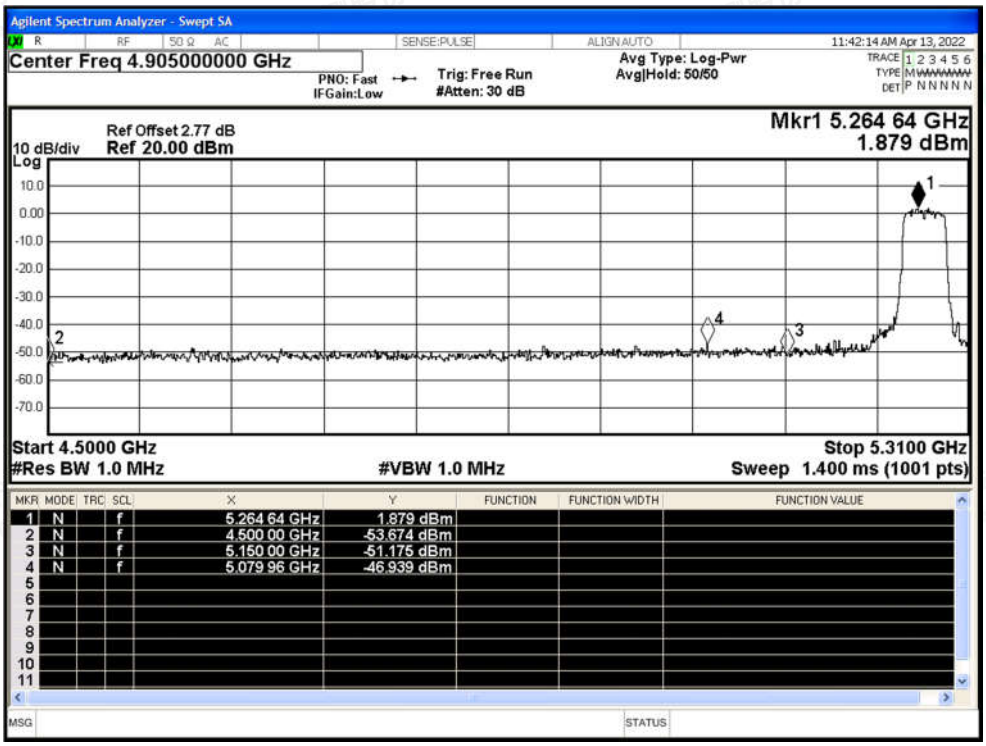
Restrict Band NVNT n20 5320MHz Ant0 Peak



Restrict Band NVNT n20 5320MHz Ant0 Average



Restrict Band NVNT n40 5270MHz Ant0 Peak



Restrict Band NVNT n40 5270MHz Ant0 Average