Appendix C

RF Test Data for 5.3GWIFI (Conducted Measurement)

Product Name: WiFi Extender

Test Model: CF-XR181

Environmental Conditions

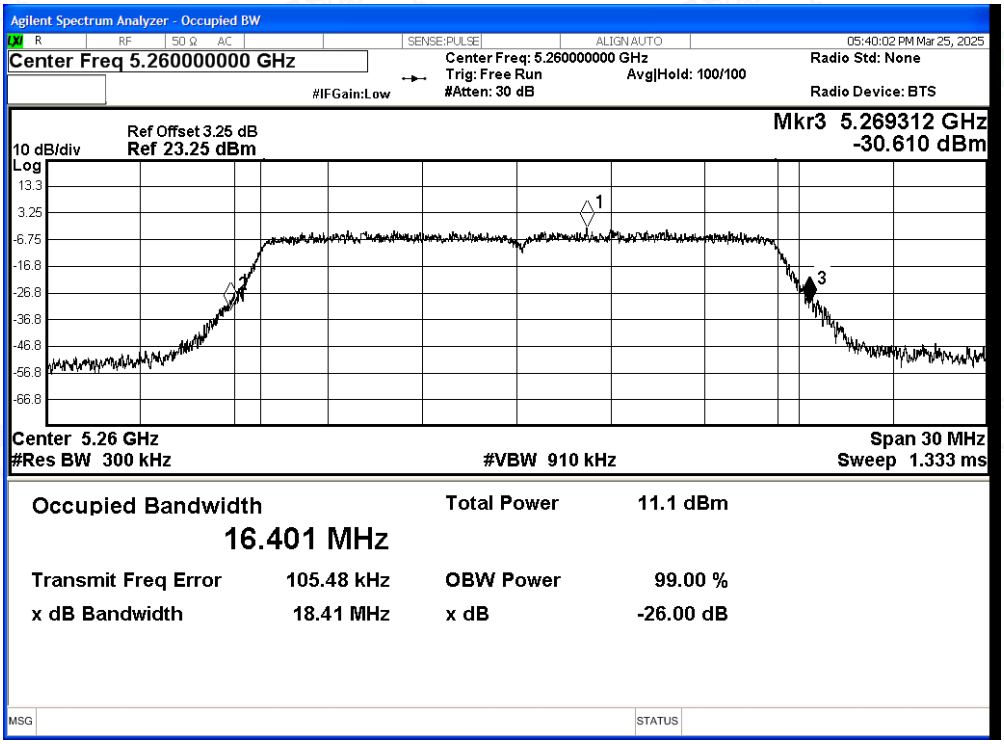
Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

C.1 -26dB Bandwidth

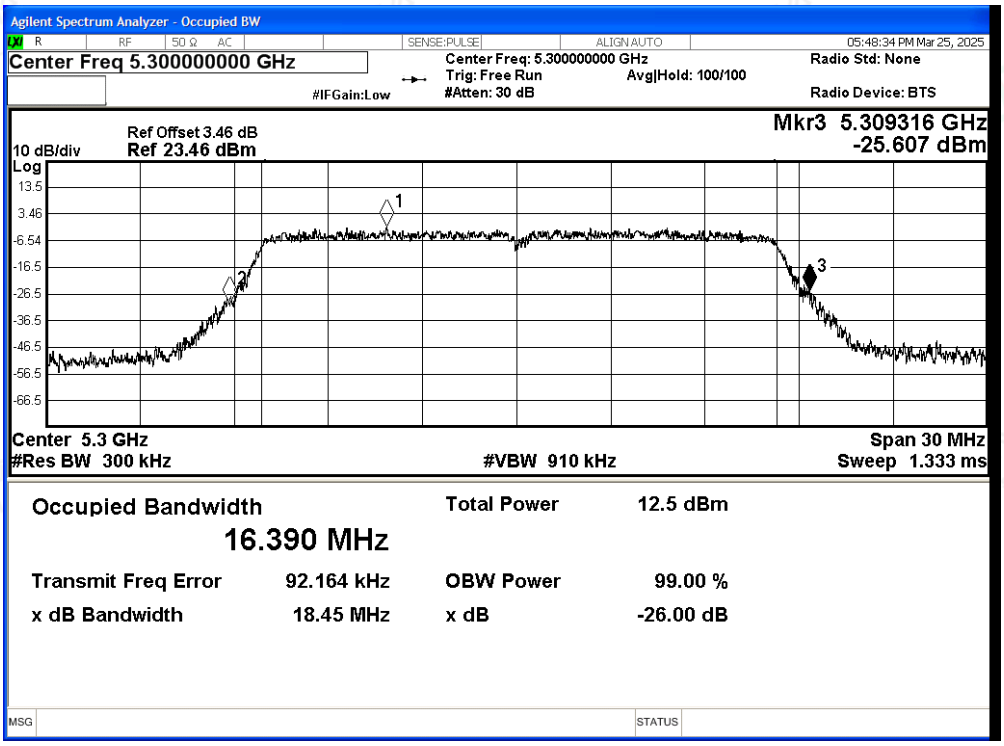
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant3	18.412	---	Pass
NVNT	a	5300	Ant3	18.447	---	Pass
NVNT	a	5320	Ant3	18.495	---	Pass
NVNT	n20	5260	Ant3	19.368	---	Pass
NVNT	n20	5300	Ant3	19.548	---	Pass
NVNT	n20	5320	Ant3	19.607	---	Pass
NVNT	n40	5270	Ant3	38.746	---	Pass
NVNT	n40	5310	Ant3	38.568	---	Pass
NVNT	ac20	5260	Ant3	19.302	---	Pass
NVNT	ac20	5300	Ant3	19.423	---	Pass
NVNT	ac20	5320	Ant3	19.522	---	Pass
NVNT	ac40	5270	Ant3	38.849	---	Pass
NVNT	ac40	5310	Ant3	38.784	---	Pass
NVNT	ac80	5290	Ant3	84.304	---	Pass
NVNT	ax20	5260	Ant3	20.13	---	Pass
NVNT	ax20	5300	Ant3	20.256	---	Pass
NVNT	ax20	5320	Ant3	20.352	---	Pass
NVNT	ax40	5270	Ant3	39.937	---	Pass
NVNT	ax40	5310	Ant3	39.713	---	Pass
NVNT	ax80	5290	Ant3	80.402	---	Pass

Test Graphs

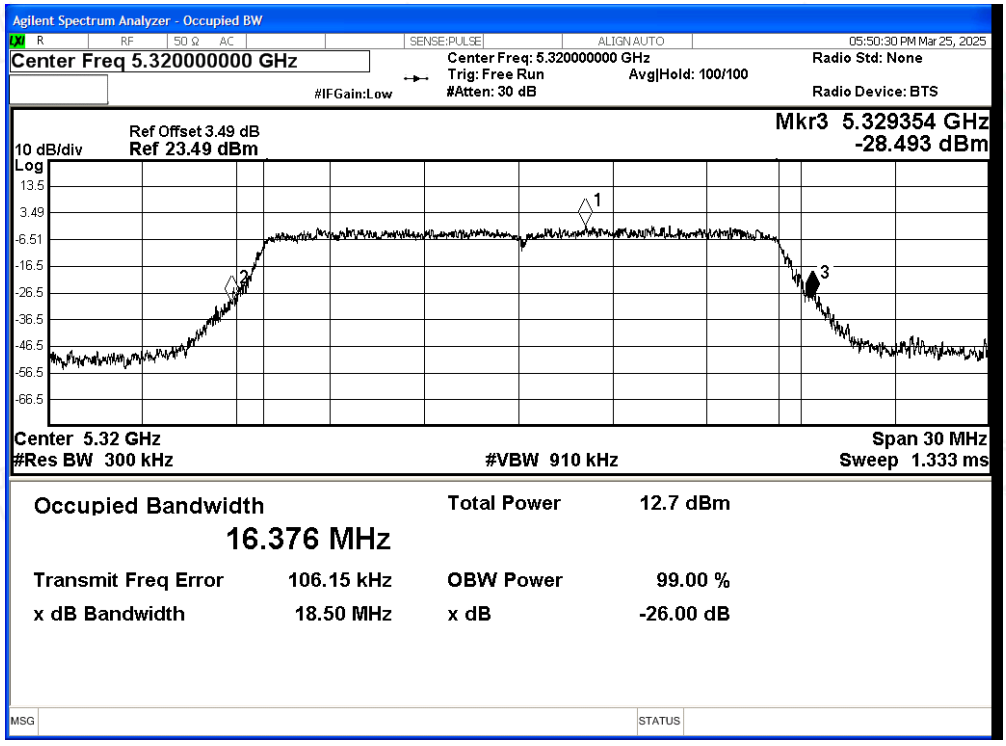
-26dB Bandwidth NVNT a 5260MHz Ant3



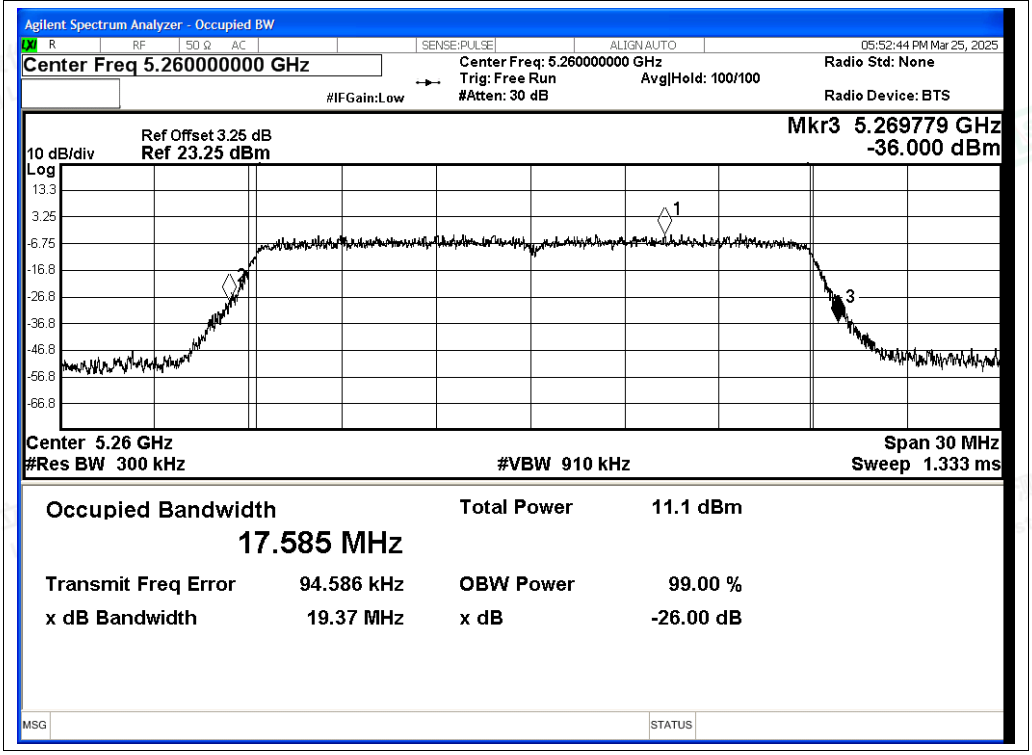
-26dB Bandwidth NVNT a 5300MHz Ant3



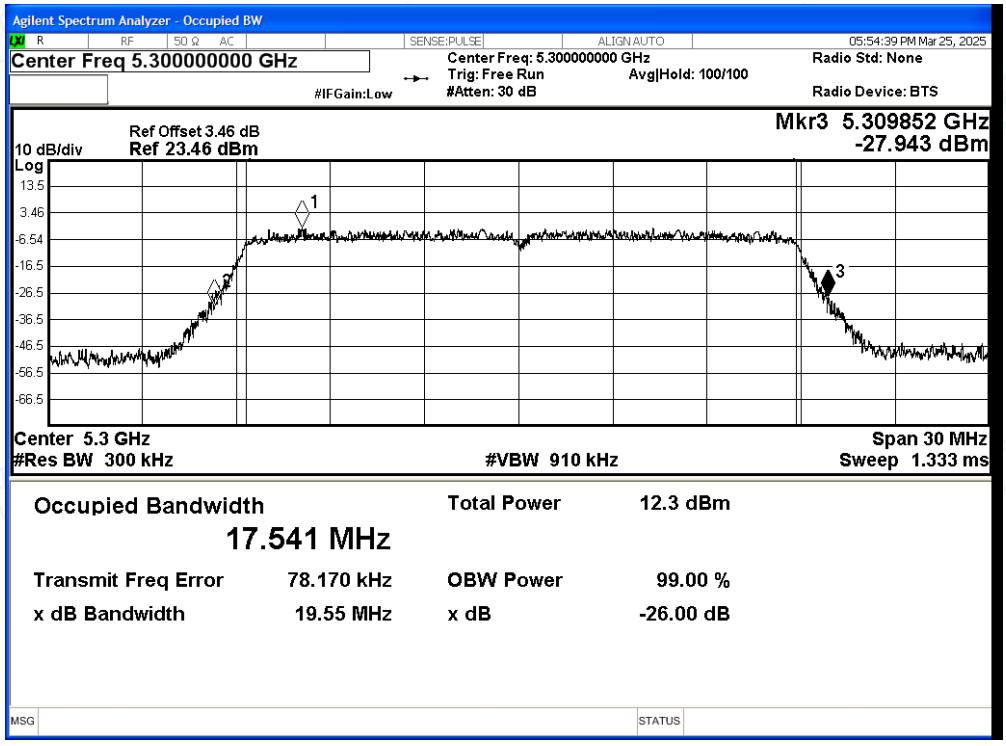
-26dB Bandwidth NVNT a 5320MHz Ant3



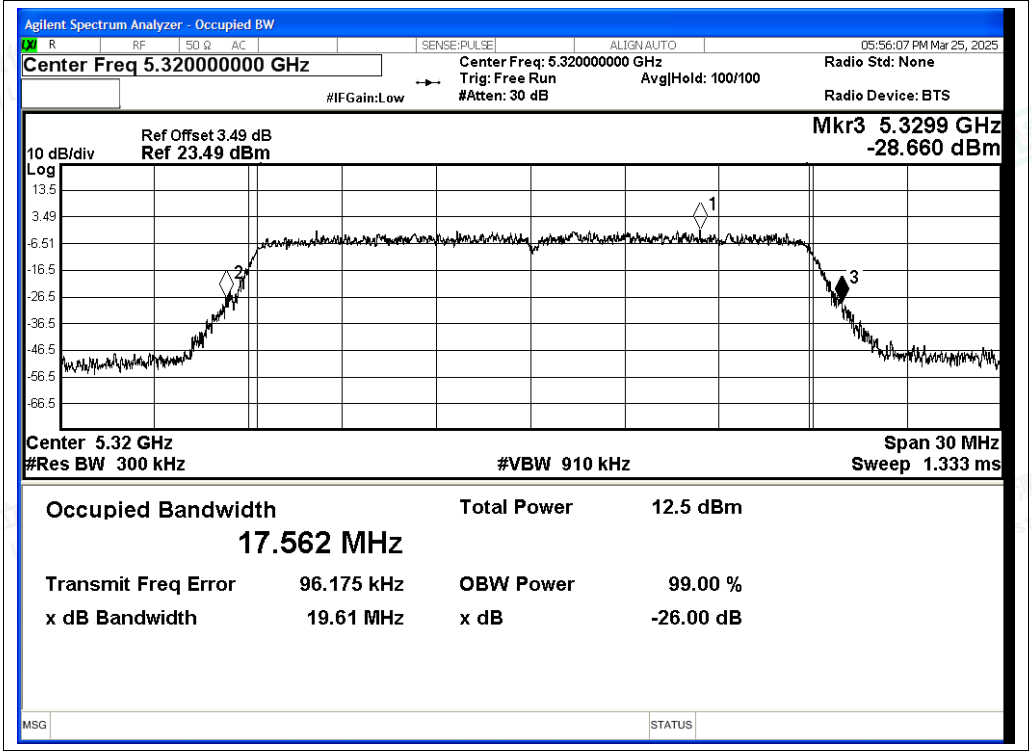
-26dB Bandwidth NVNT n20 5260MHz Ant3



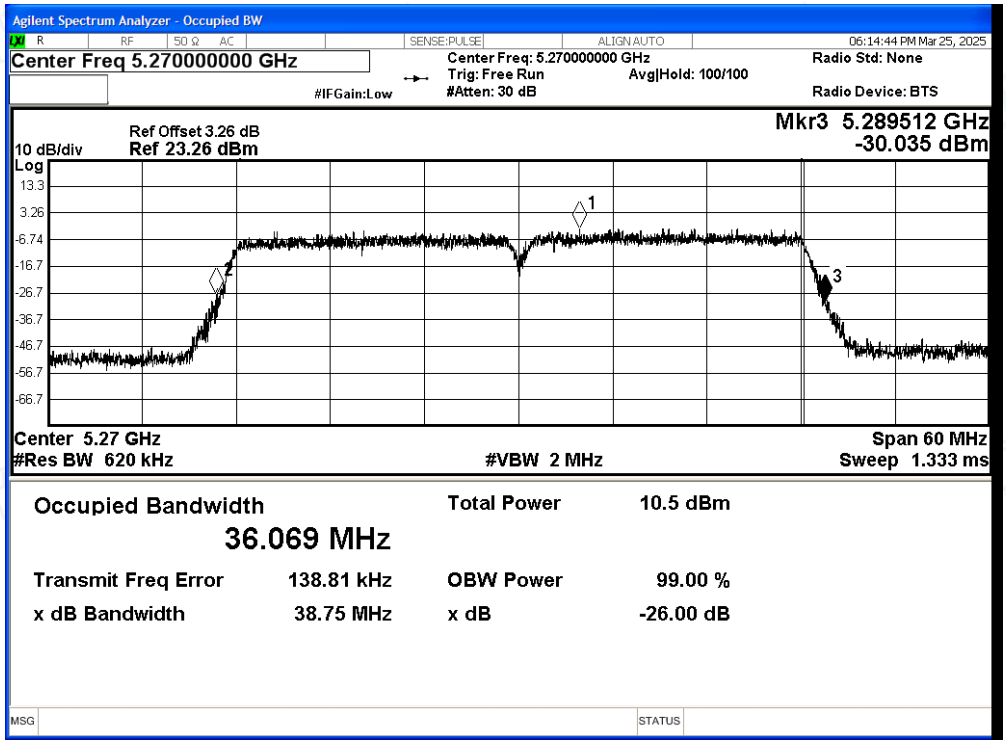
-26dB Bandwidth NVNT n20 5300MHz Ant3



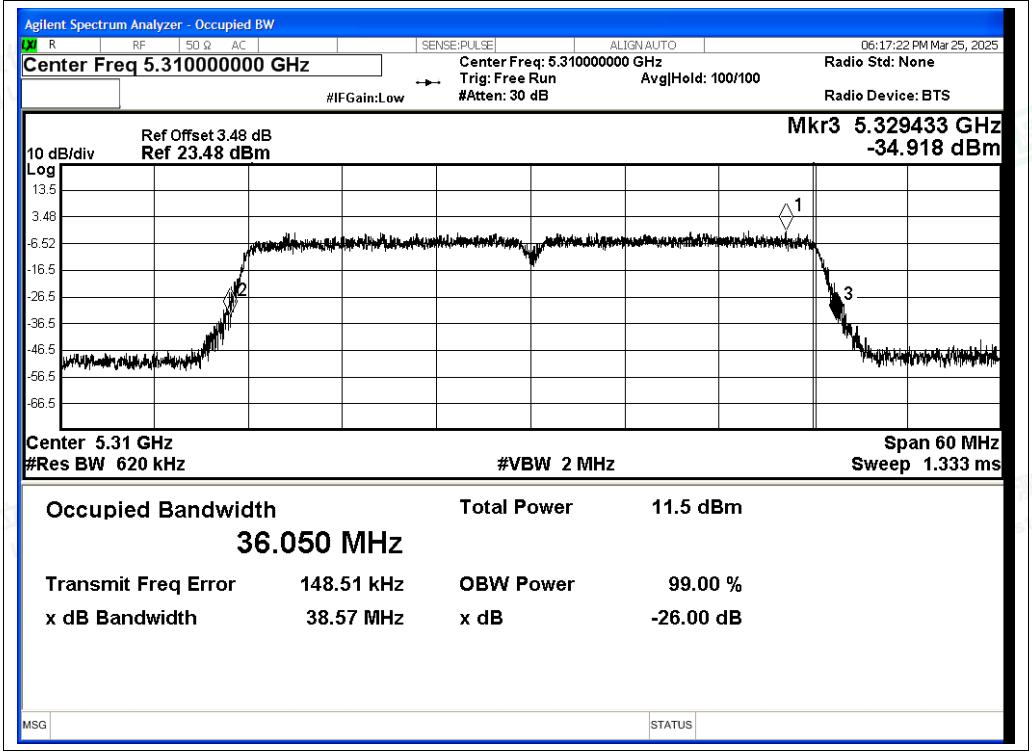
-26dB Bandwidth NVNT n20 5320MHz Ant3



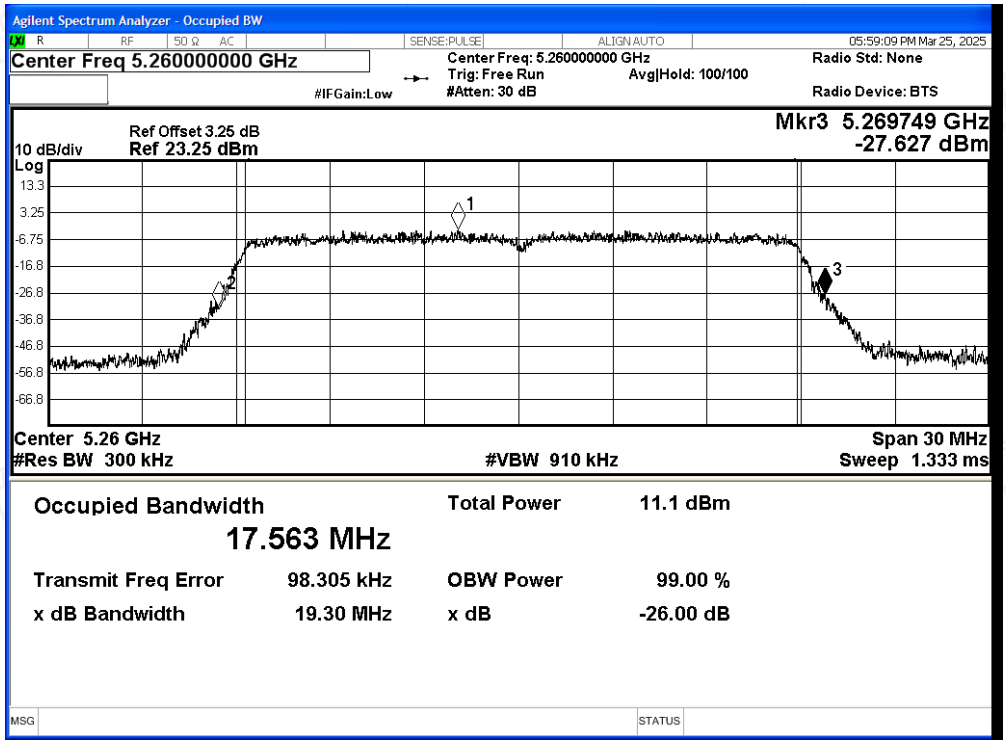
-26dB Bandwidth NVNT n40 5270MHz Ant3



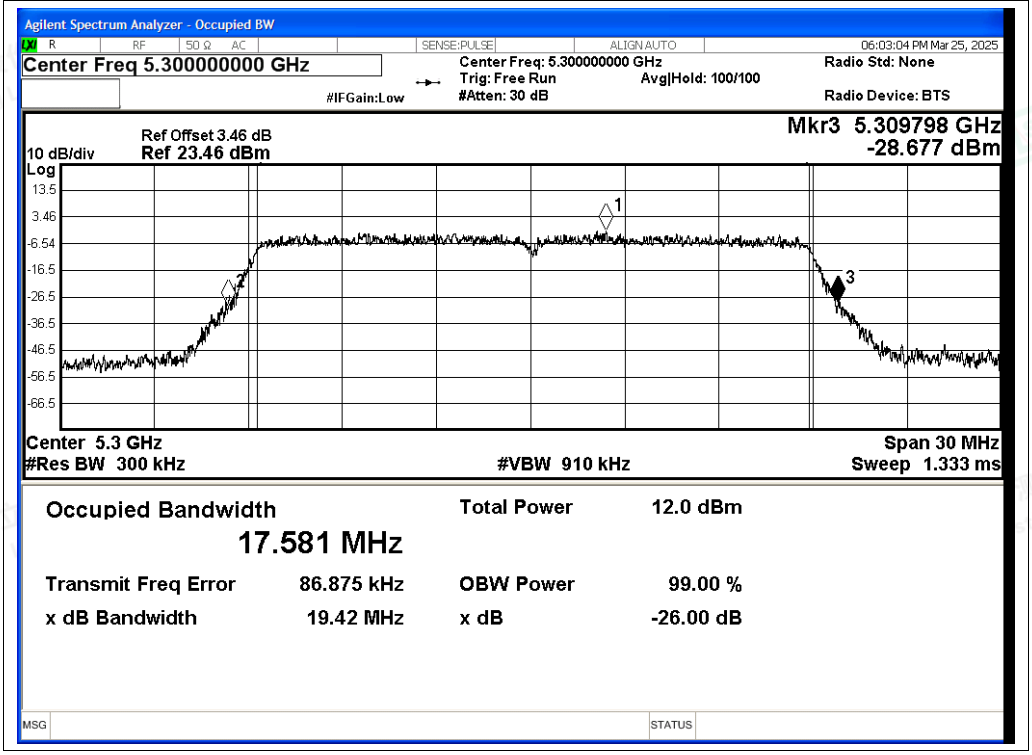
-26dB Bandwidth NVNT n40 5310MHz Ant3



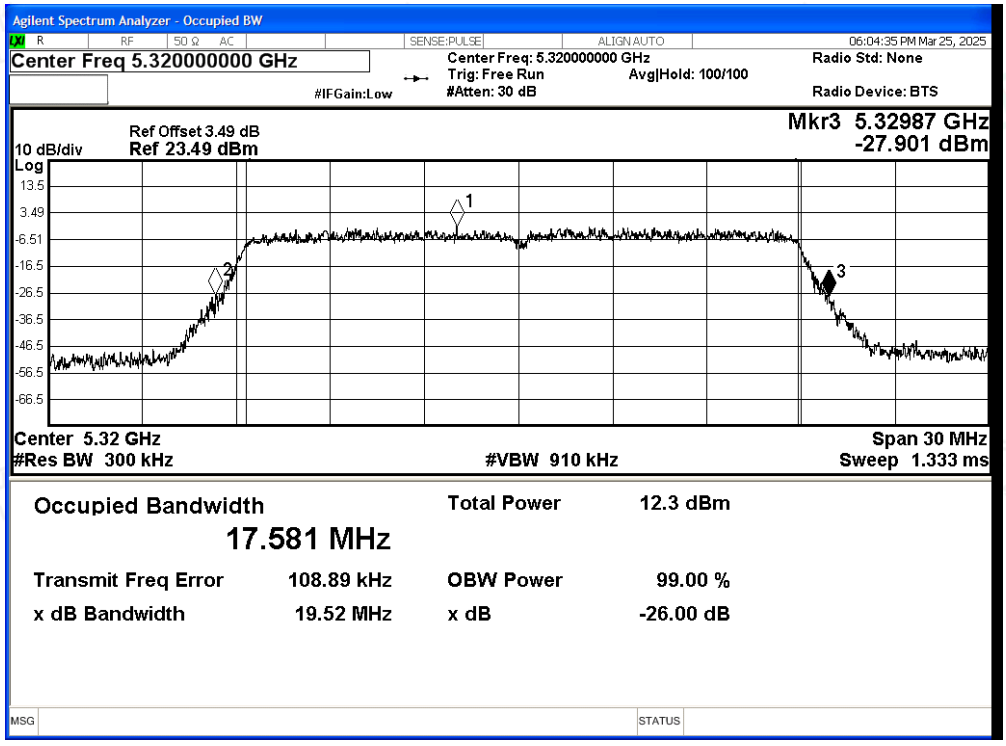
-26dB Bandwidth NVNT ac20 5260MHz Ant3



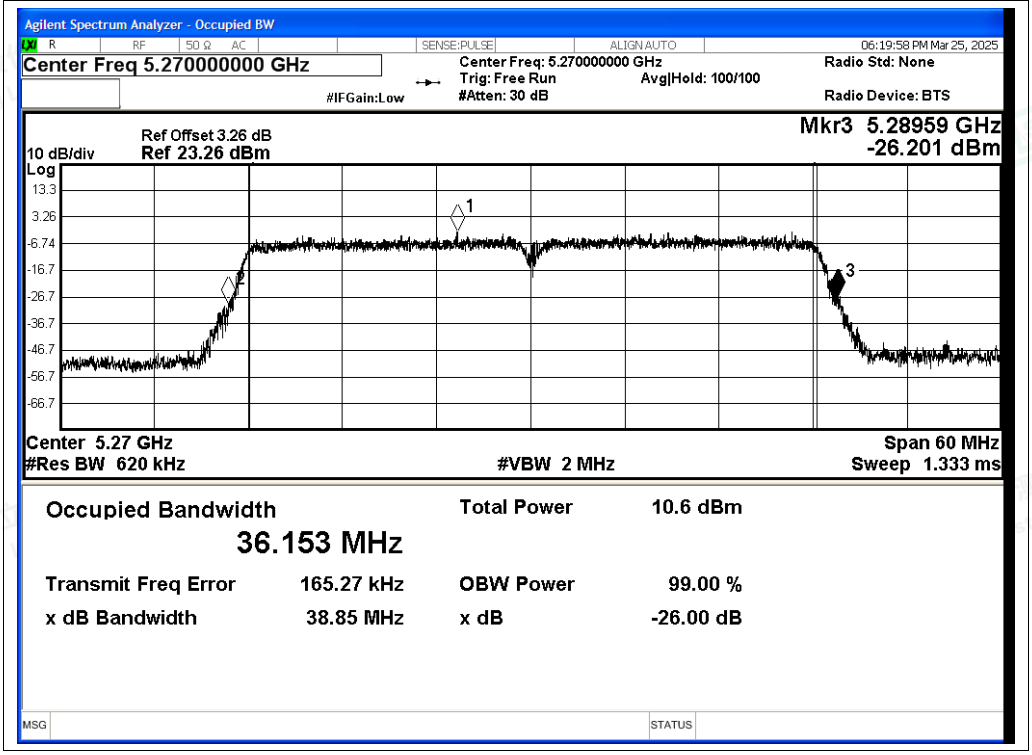
-26dB Bandwidth NVNT ac20 5300MHz Ant3



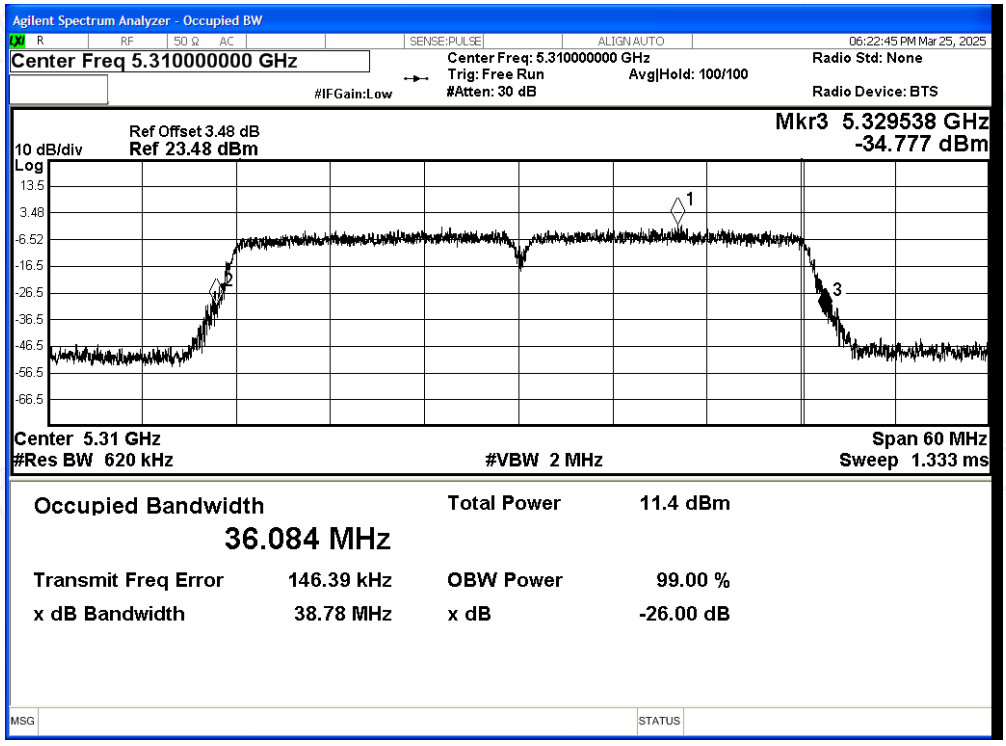
-26dB Bandwidth NVNT ac20 5320MHz Ant3



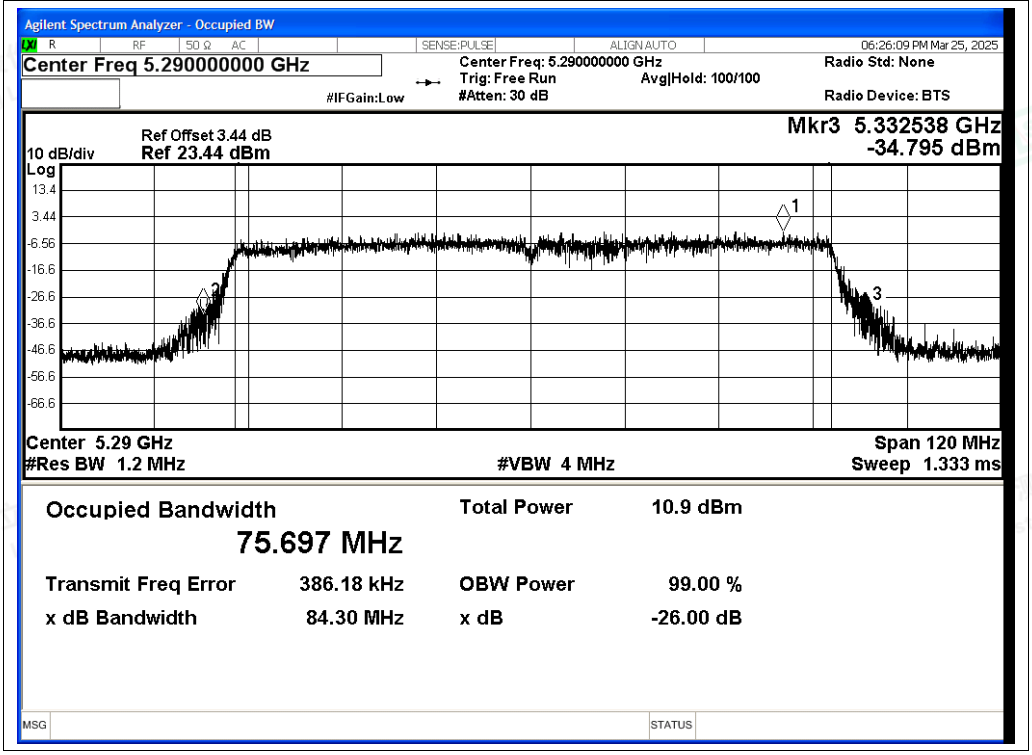
-26dB Bandwidth NVNT ac40 5270MHz Ant3



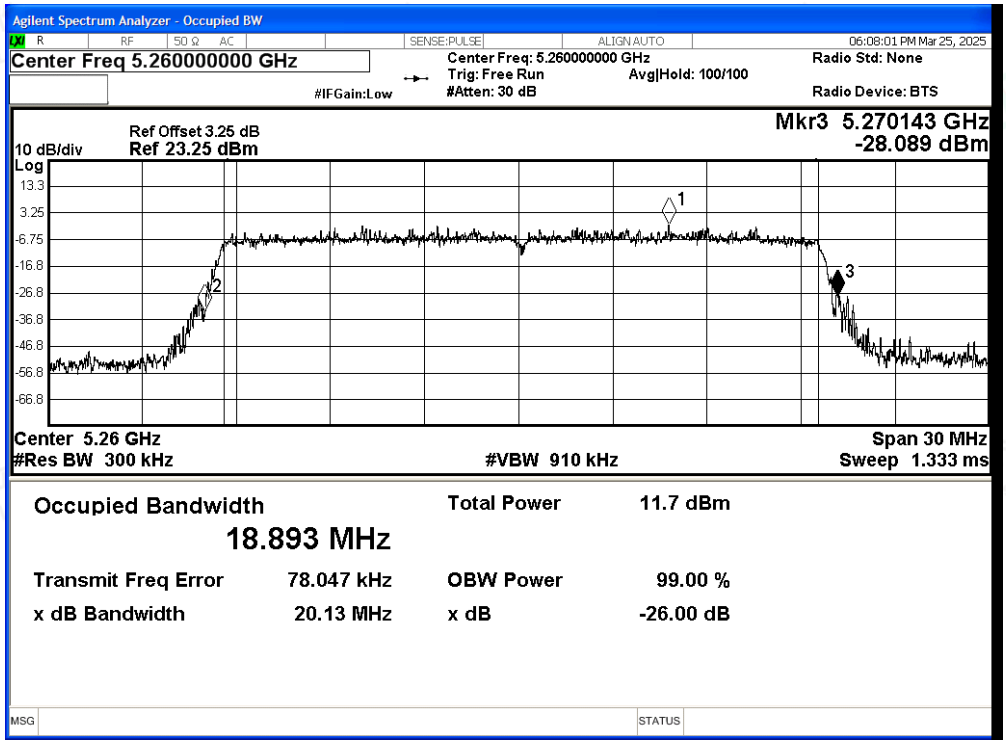
-26dB Bandwidth NVNT ac40 5310MHz Ant3



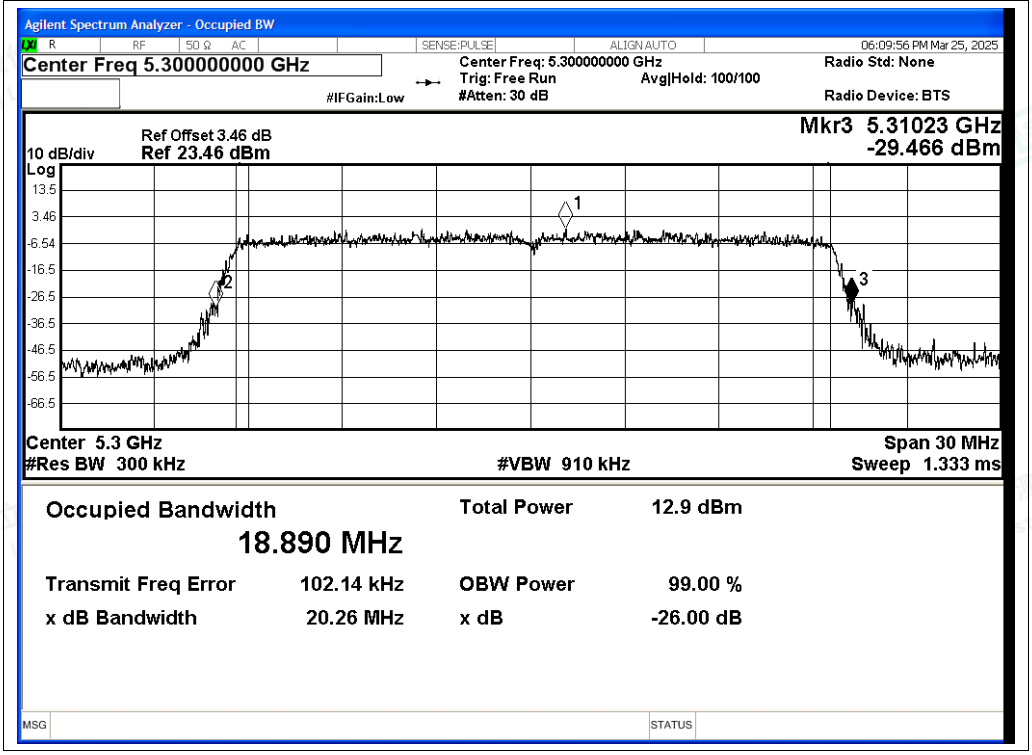
-26dB Bandwidth NVNT ac80 5290MHz Ant3



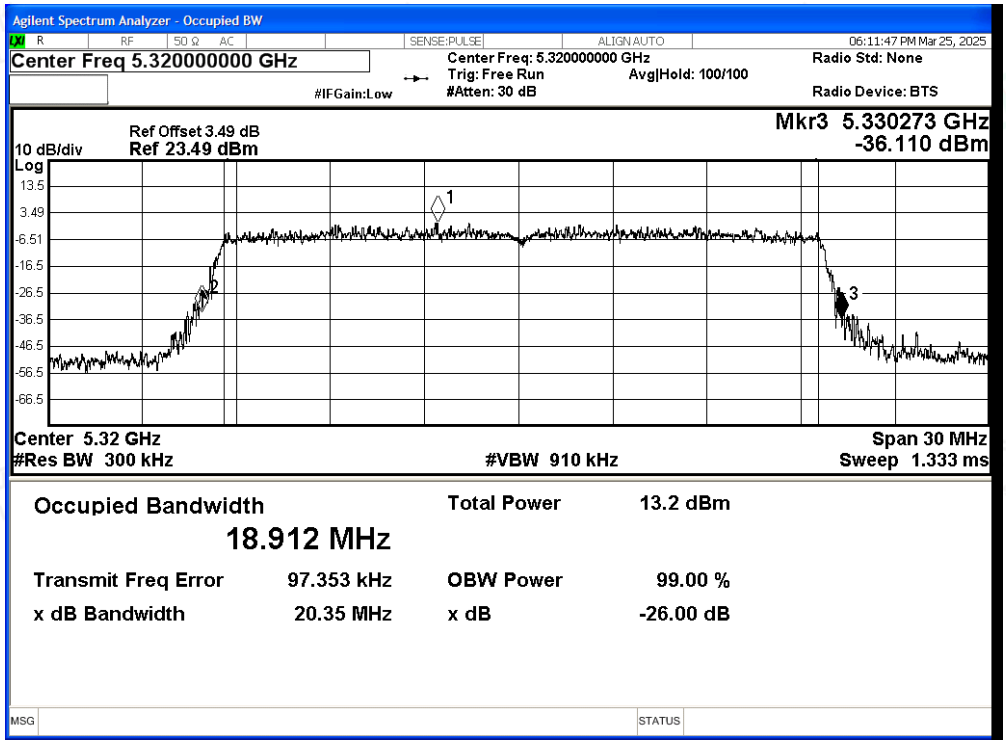
-26dB Bandwidth NVNT ax20 5260MHz Ant3



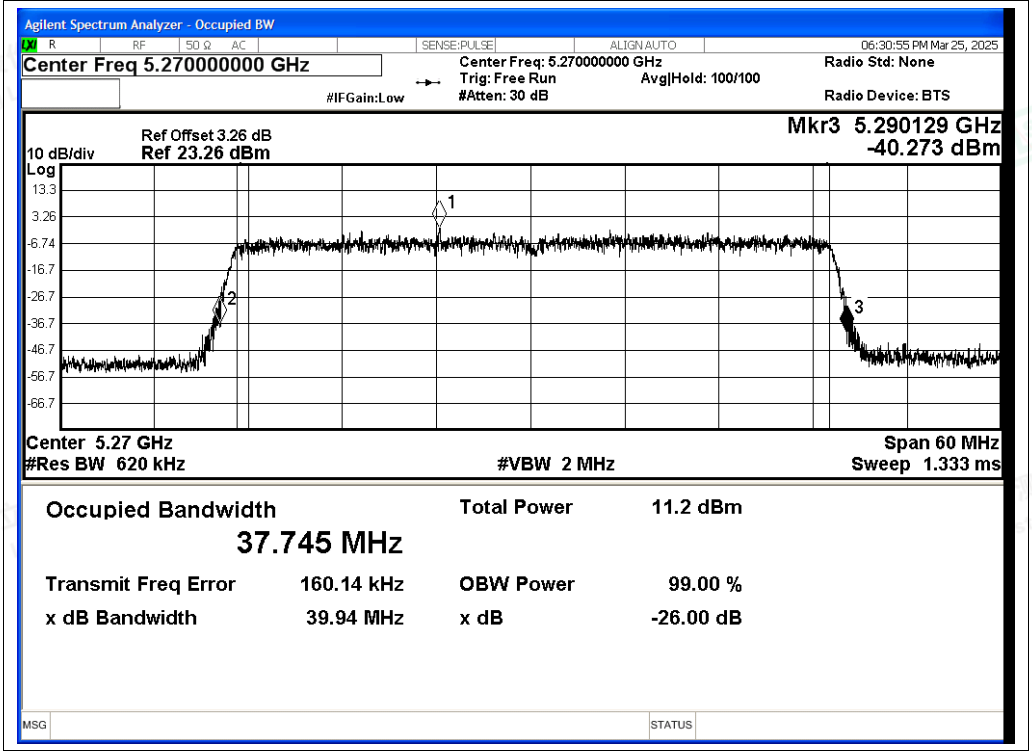
-26dB Bandwidth NVNT ax20 5300MHz Ant3



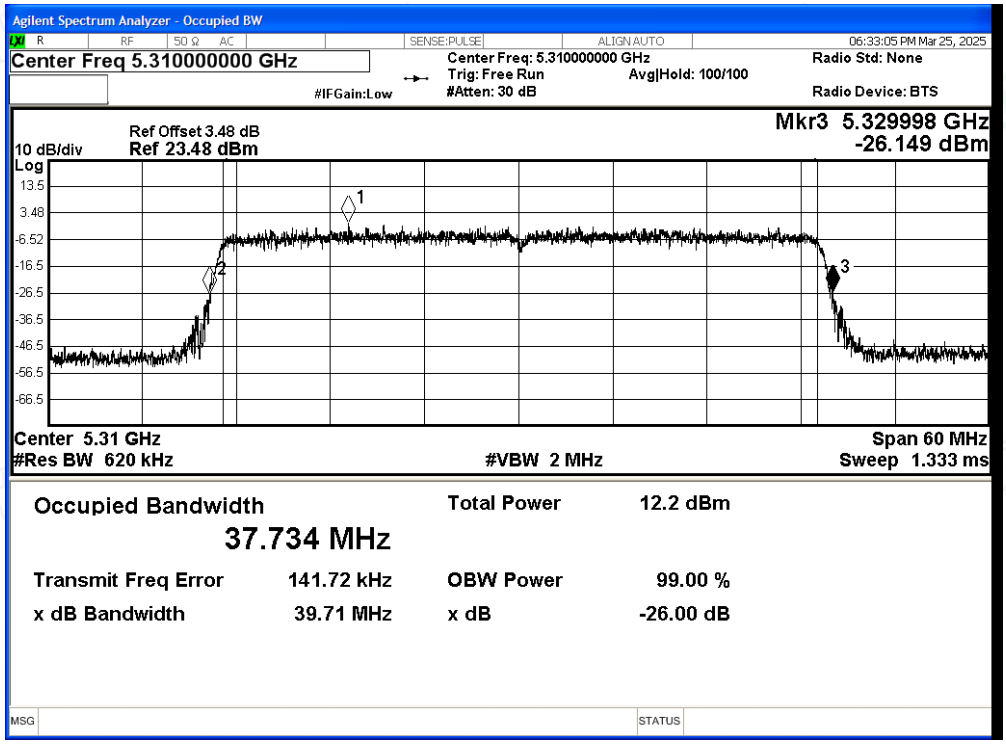
-26dB Bandwidth NVNT ax20 5320MHz Ant3



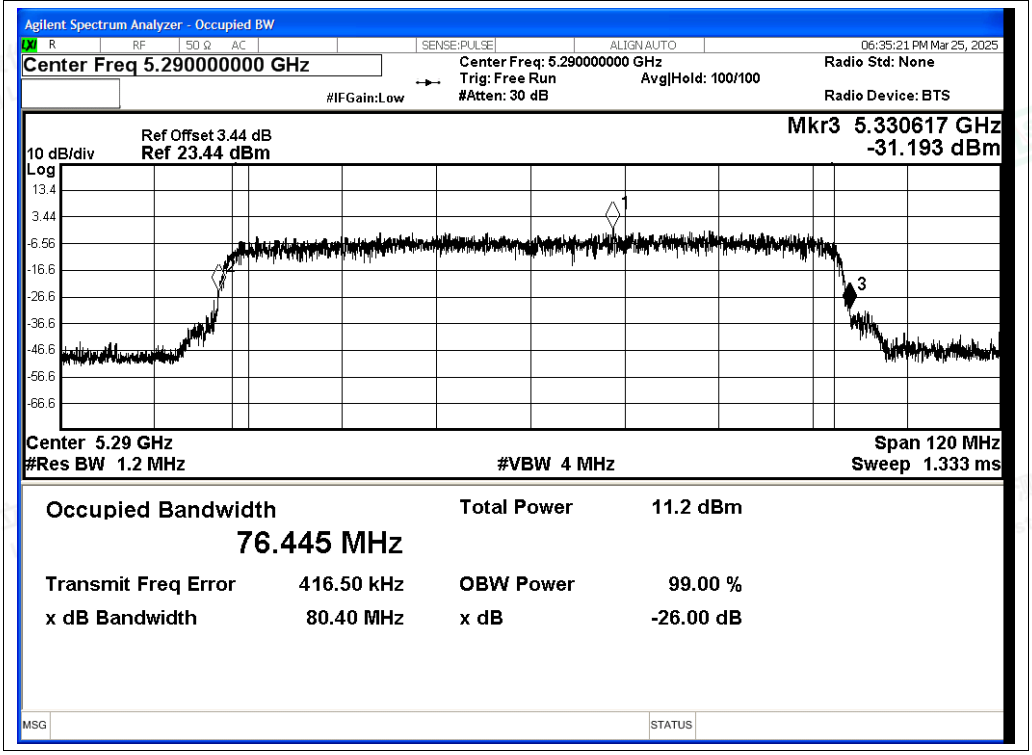
-26dB Bandwidth NVNT ax40 5270MHz Ant3



-26dB Bandwidth NVNT ax40 5310MHz Ant3



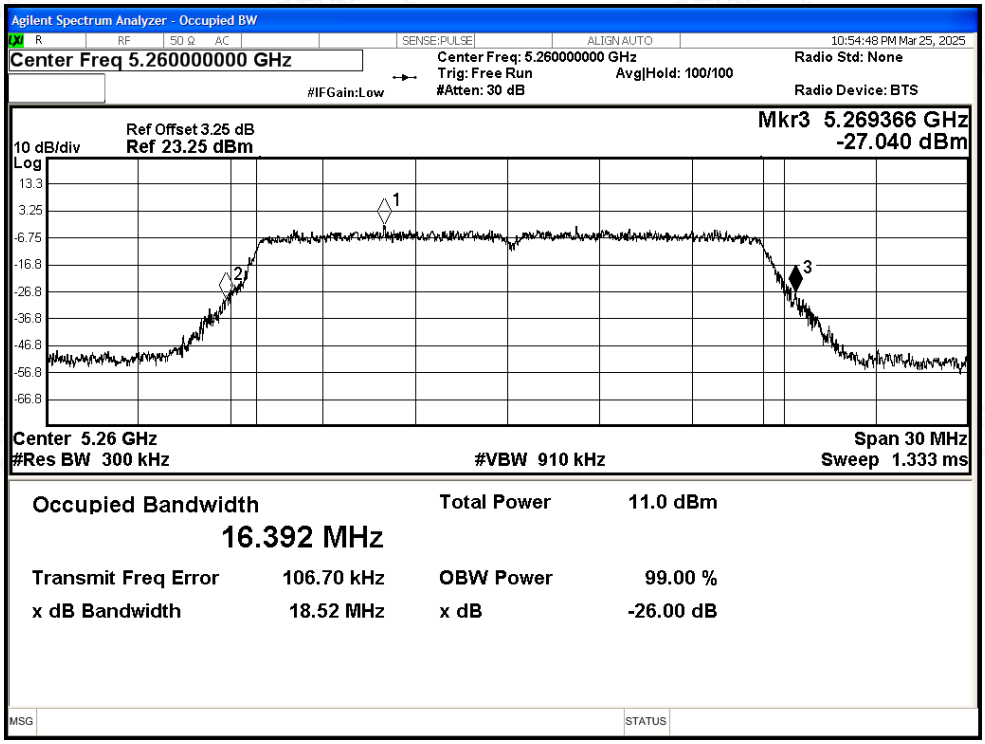
-26dB Bandwidth NVNT ax80 5290MHz Ant3



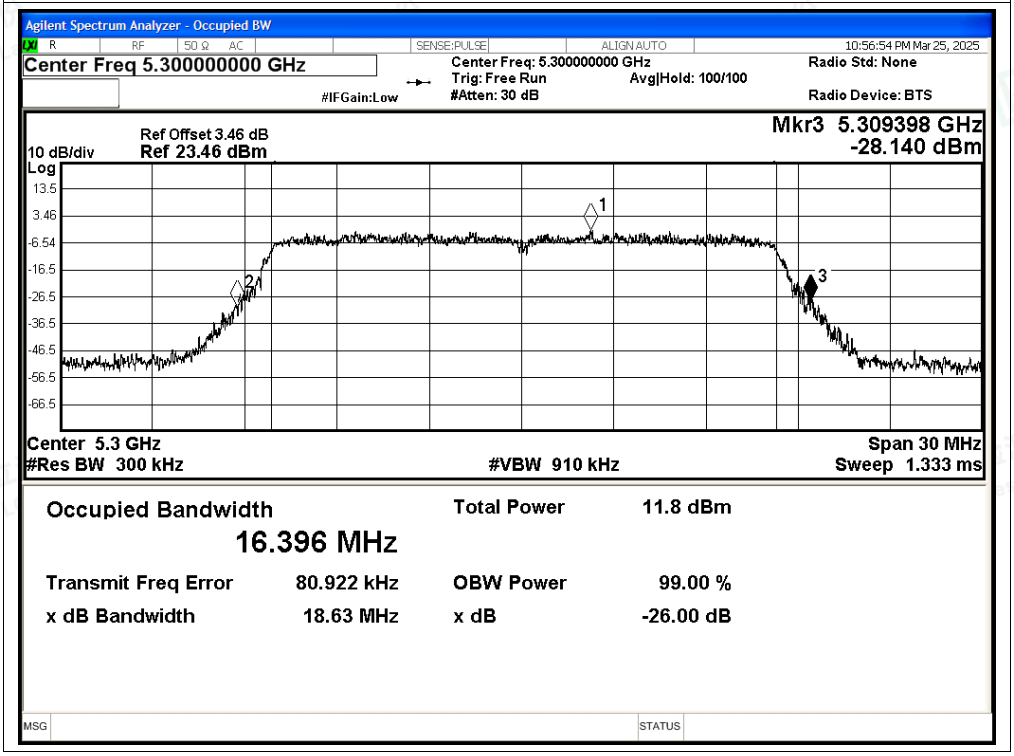
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	Ant4	18.519	>=0.5	Pass
NVNT	a	5300	Ant4	18.633	>=0.5	Pass
NVNT	a	5320	Ant4	18.413	>=0.5	Pass
NVNT	n20	5260	Ant4	19.298	>=0.5	Pass
NVNT	n20	5300	Ant4	19.423	>=0.5	Pass
NVNT	n20	5320	Ant4	19.462	>=0.5	Pass
NVNT	n40	5270	Ant4	38.983	>=0.5	Pass
NVNT	n40	5310	Ant4	38.842	>=0.5	Pass
NVNT	ac20	5260	Ant4	19.501	>=0.5	Pass
NVNT	ac20	5300	Ant4	19.511	>=0.5	Pass
NVNT	ac20	5320	Ant4	19.391	>=0.5	Pass
NVNT	ac40	5270	Ant4	39.089	>=0.5	Pass
NVNT	ac40	5310	Ant4	39.03	>=0.5	Pass
NVNT	ac80	5290	Ant4	84.183	>=0.5	Pass
NVNT	ax20	5260	Ant4	20.329	>=0.5	Pass
NVNT	ax20	5300	Ant4	20.112	>=0.5	Pass
NVNT	ax20	5320	Ant4	20.25	>=0.5	Pass
NVNT	ax40	5270	Ant4	39.556	>=0.5	Pass
NVNT	ax40	5310	Ant4	39.752	>=0.5	Pass
NVNT	ax80	5290	Ant4	80.608	>=0.5	Pass

Test Graphs

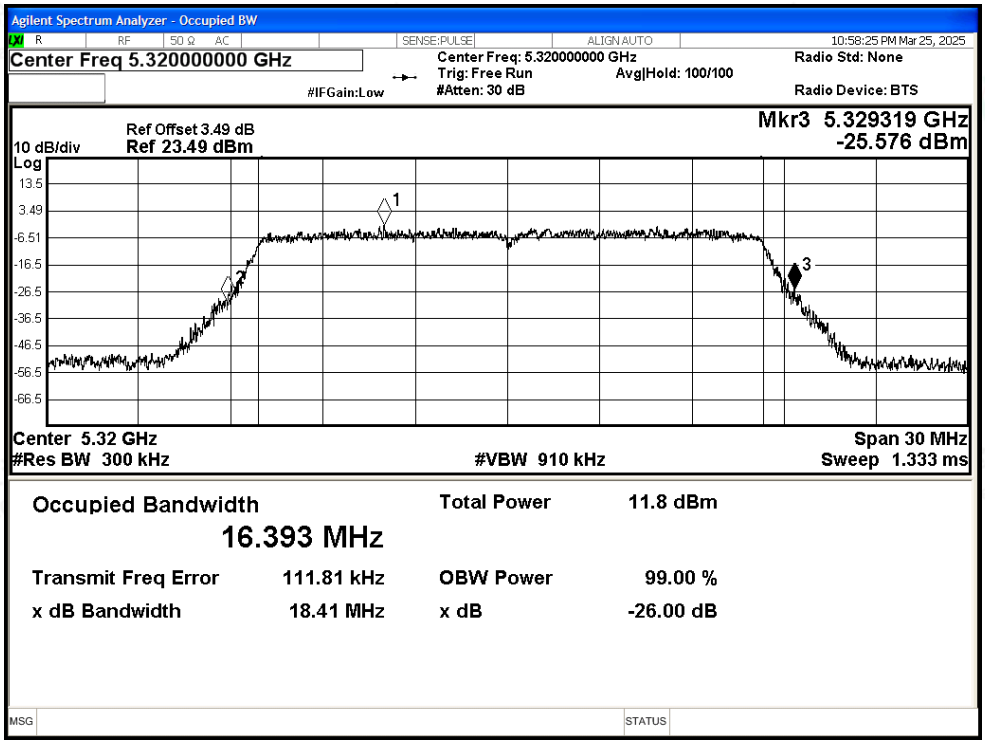
-26dB Bandwidth NVNT a 5260MHz Ant4



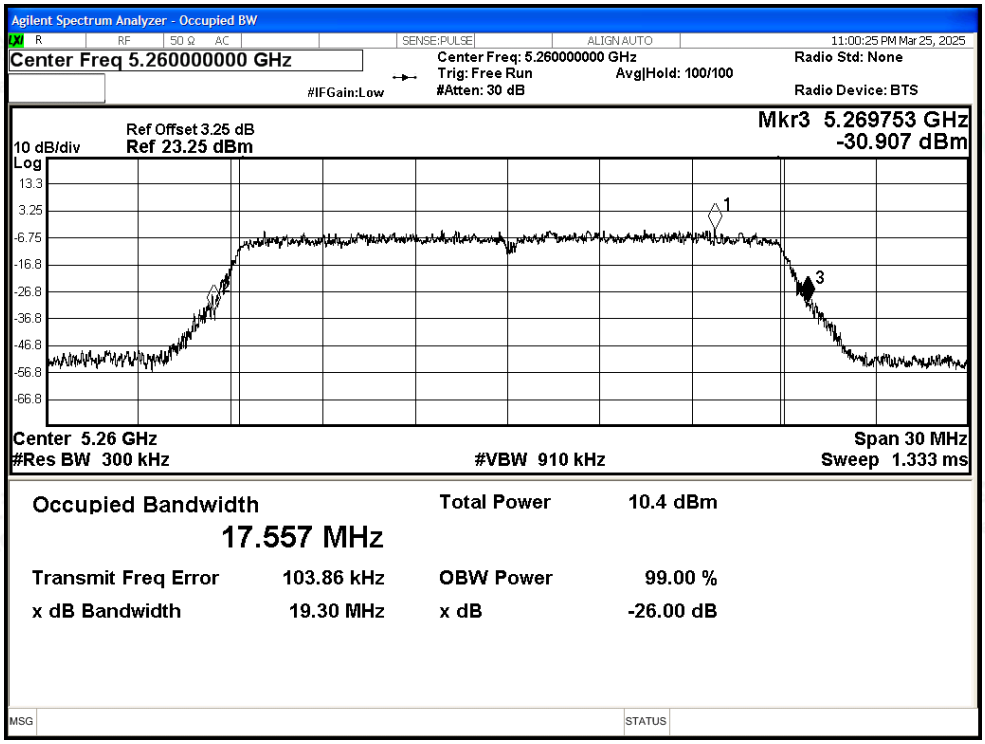
-26dB Bandwidth NVNT a 5300MHz Ant4



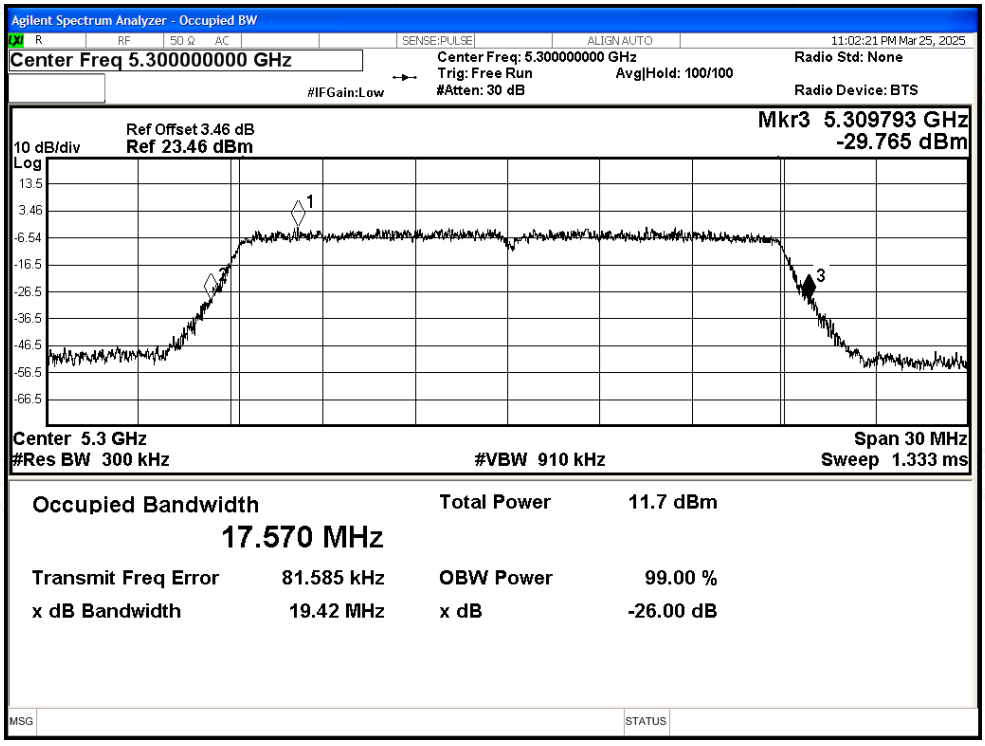
-26dB Bandwidth NVNT a 5320MHz Ant4



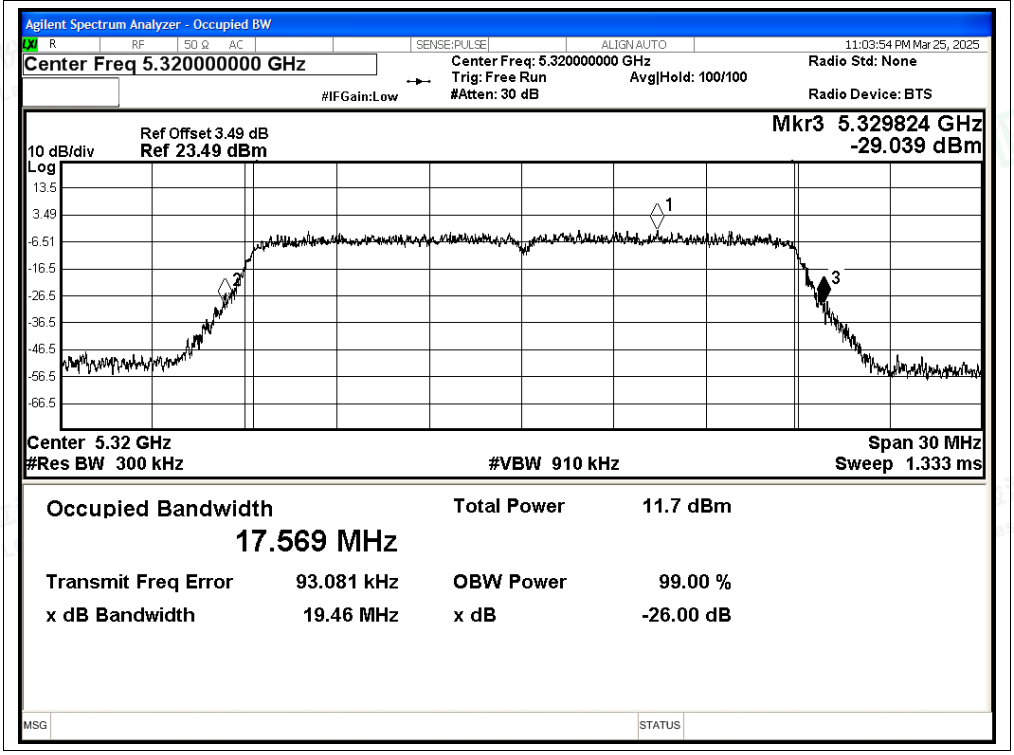
-26dB Bandwidth NVNT n20 5260MHz Ant4



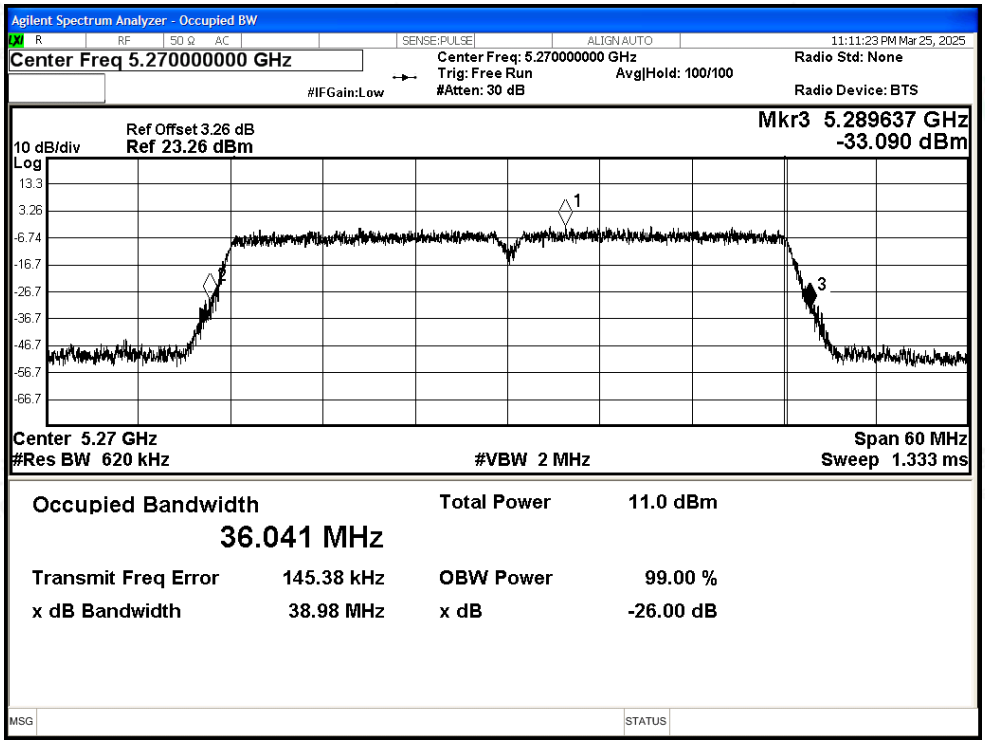
-26dB Bandwidth NVNT n20 5300MHz Ant4



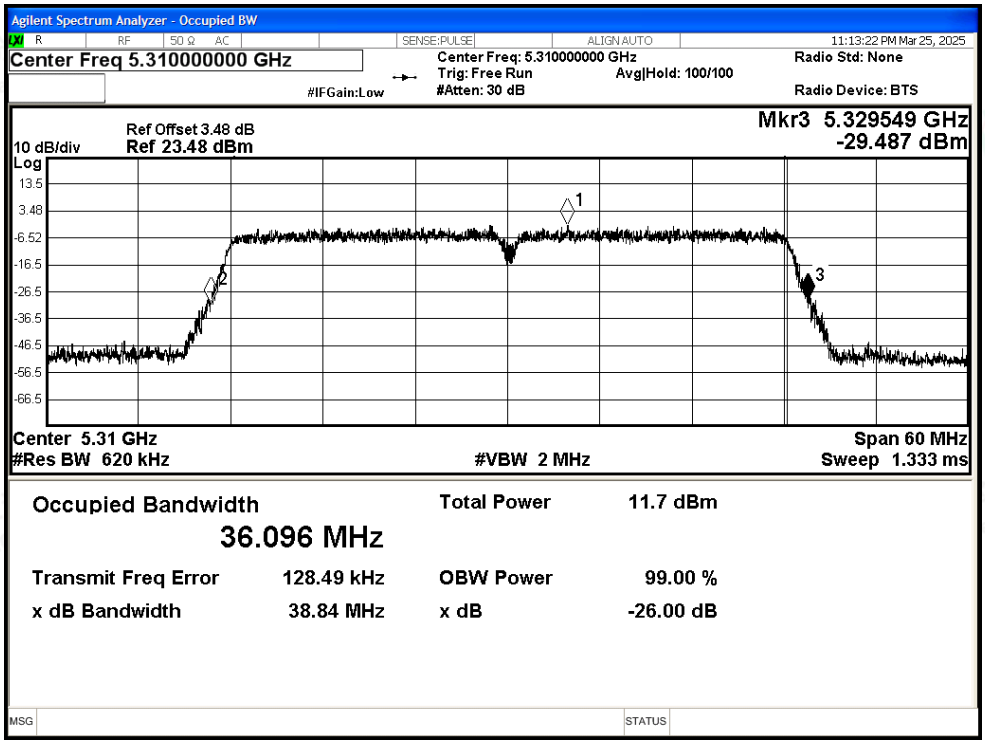
-26dB Bandwidth NVNT n20 5320MHz Ant4



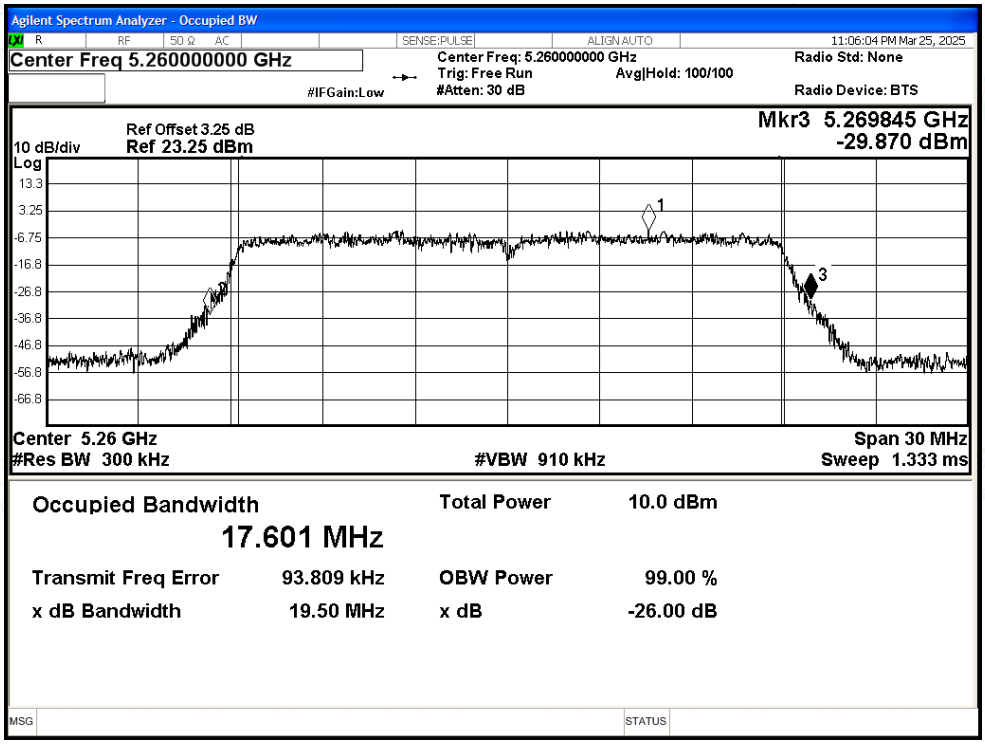
-26dB Bandwidth NVNT n40 5270MHz Ant4



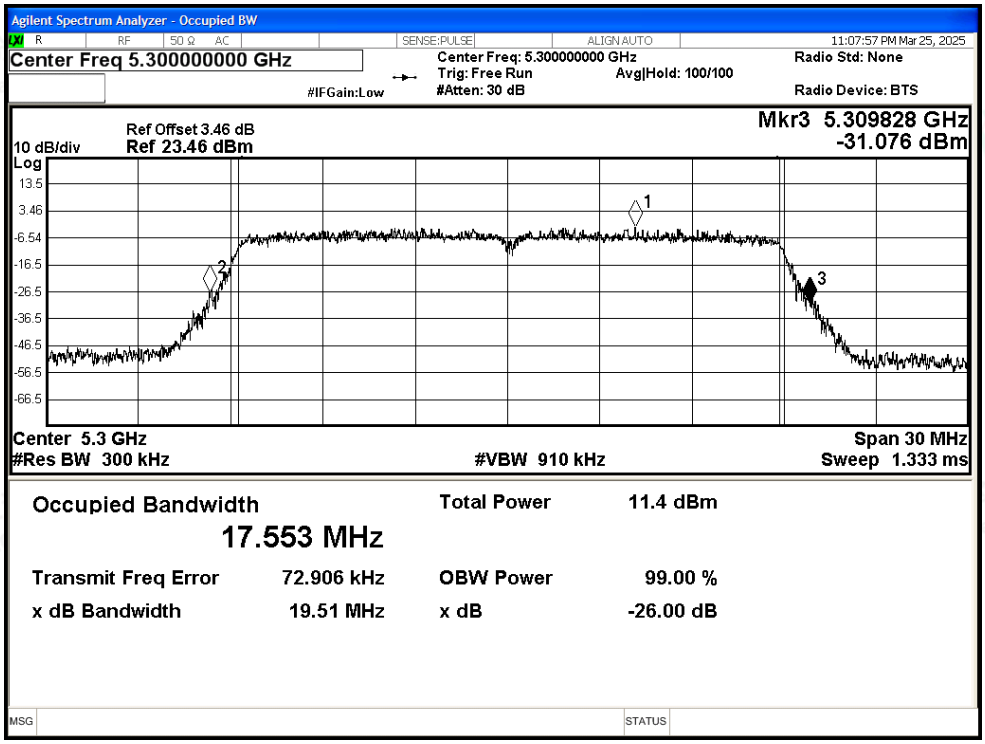
-26dB Bandwidth NVNT n40 5310MHz Ant4



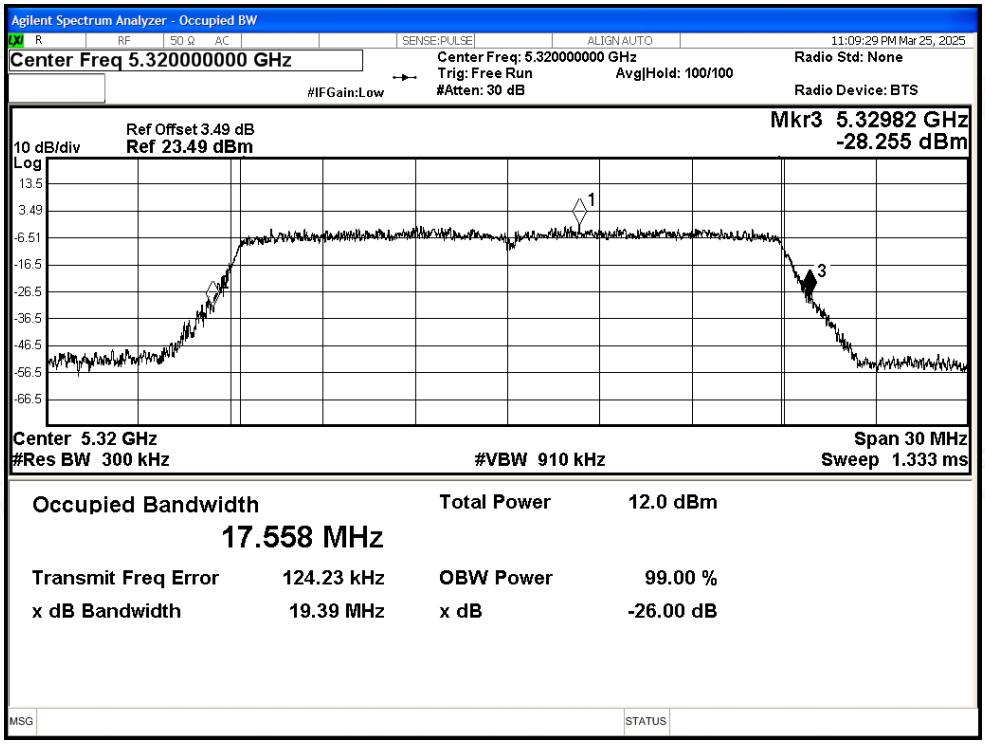
-26dB Bandwidth NVNT ac20 5260MHz Ant4



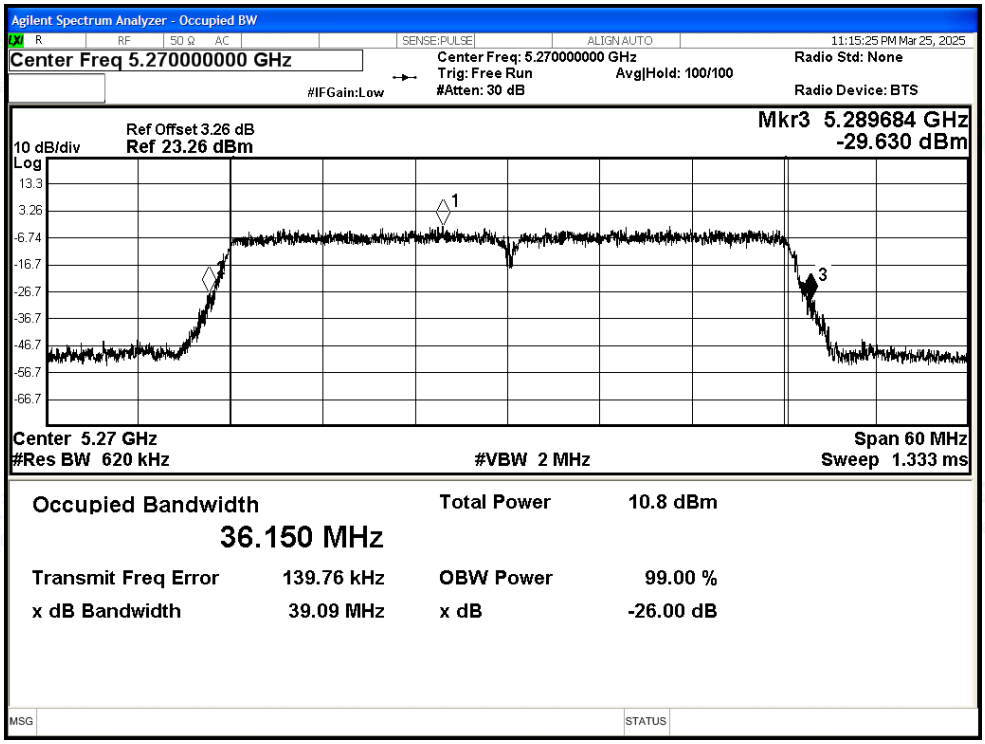
-26dB Bandwidth NVNT ac20 5300MHz Ant4



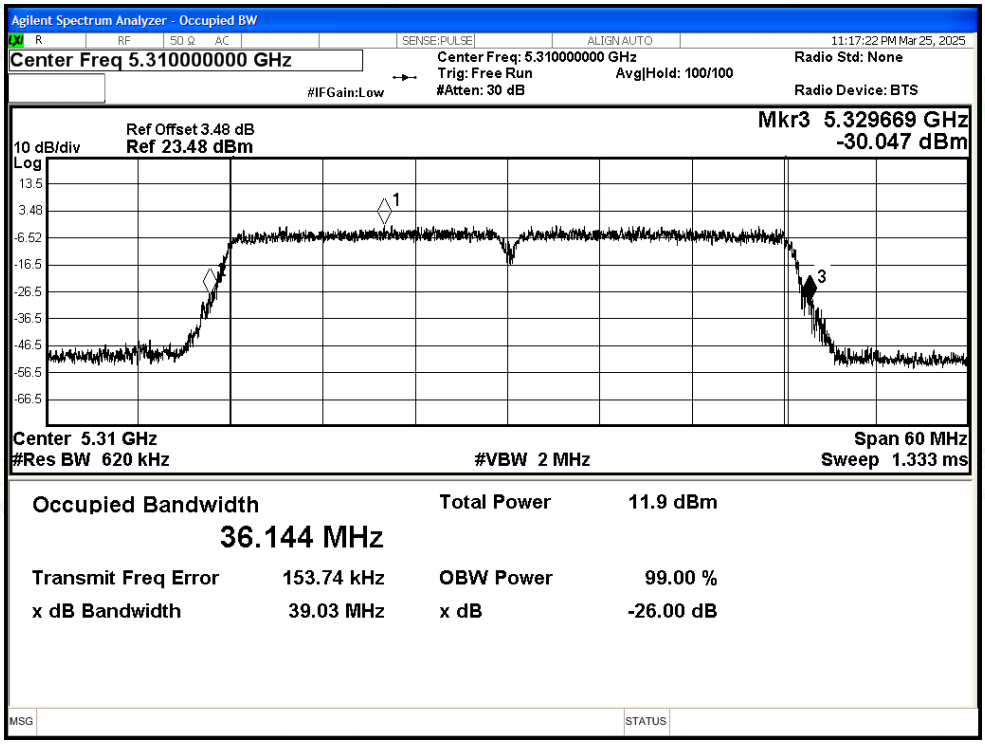
-26dB Bandwidth NVNT ac20 5320MHz Ant4



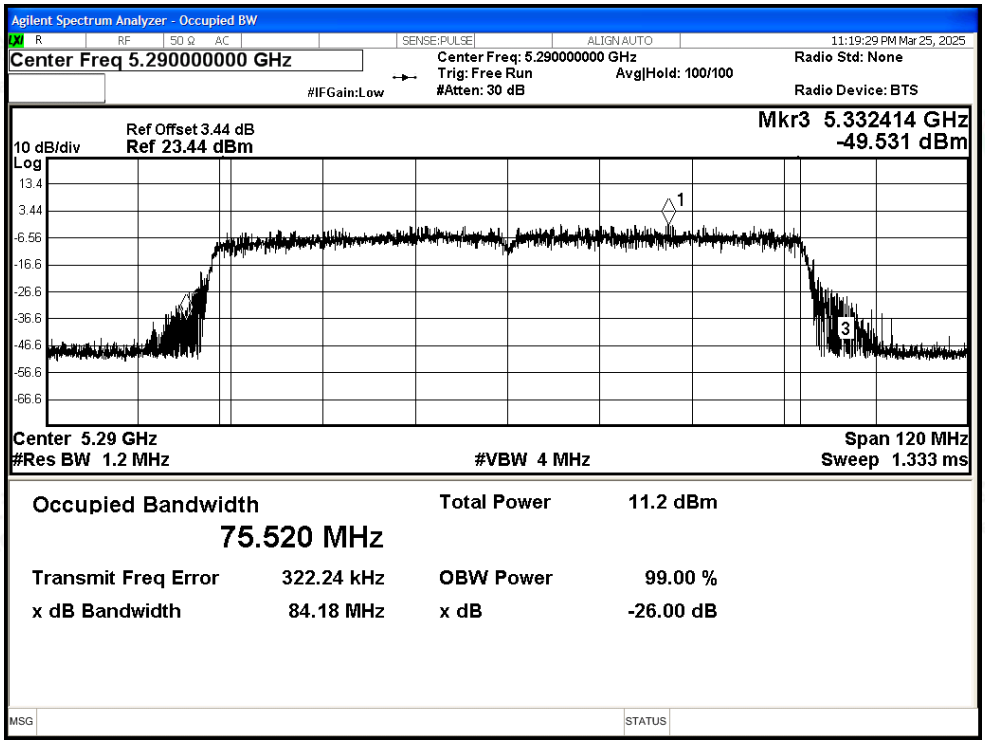
-26dB Bandwidth NVNT ac40 5270MHz Ant4



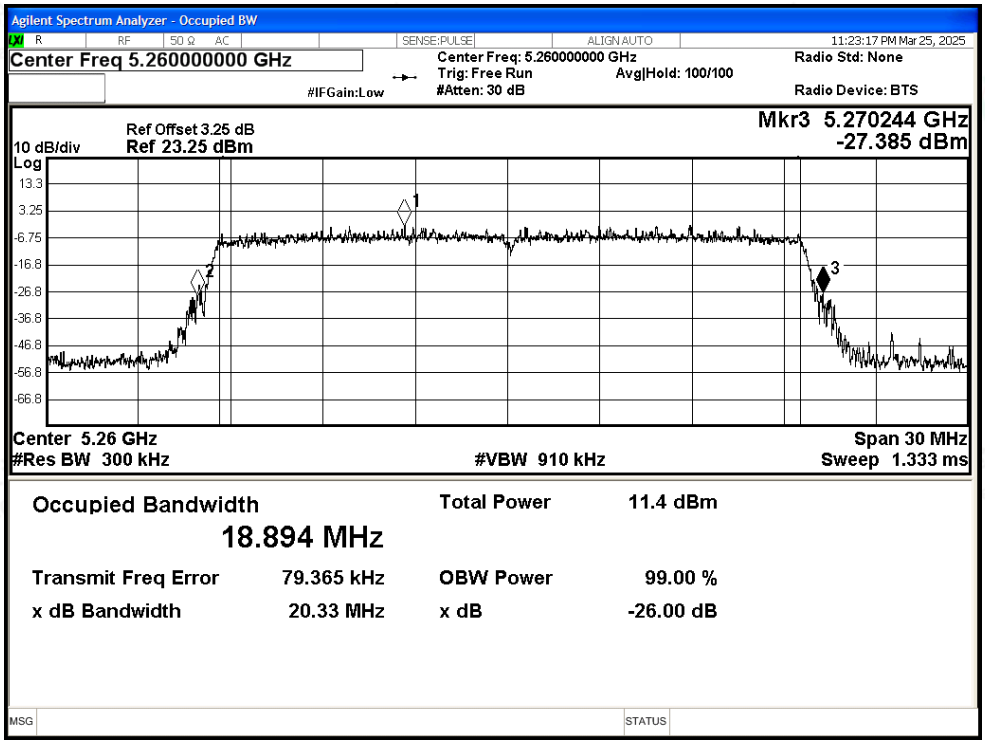
-26dB Bandwidth NVNT ac40 5310MHz Ant4



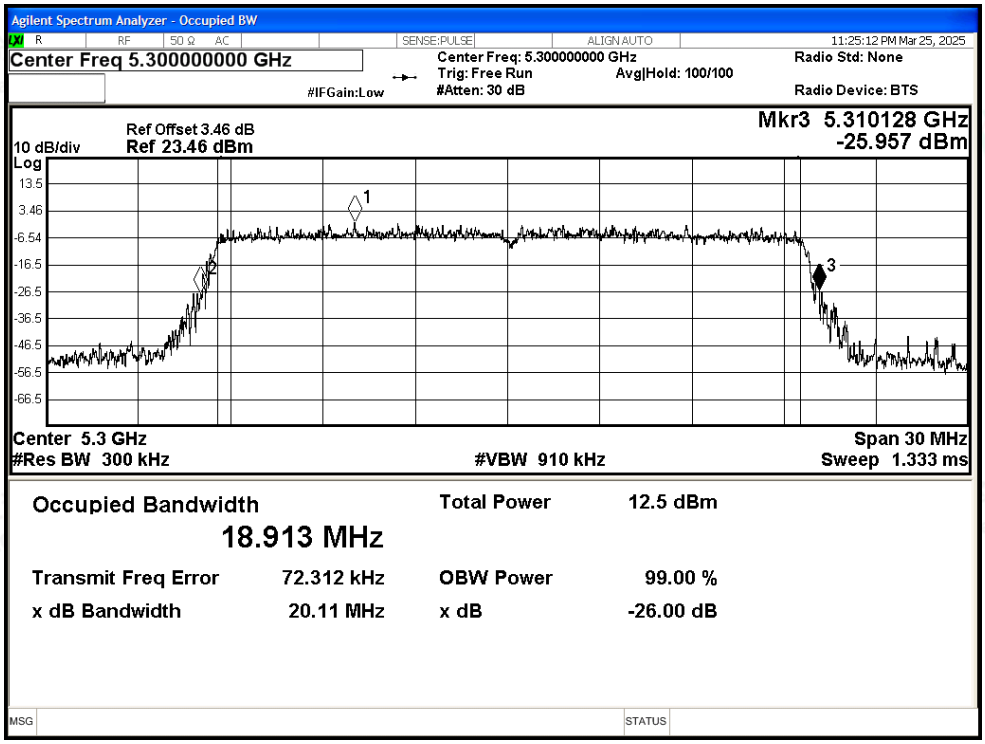
-26dB Bandwidth NVNT ac80 5290MHz Ant4



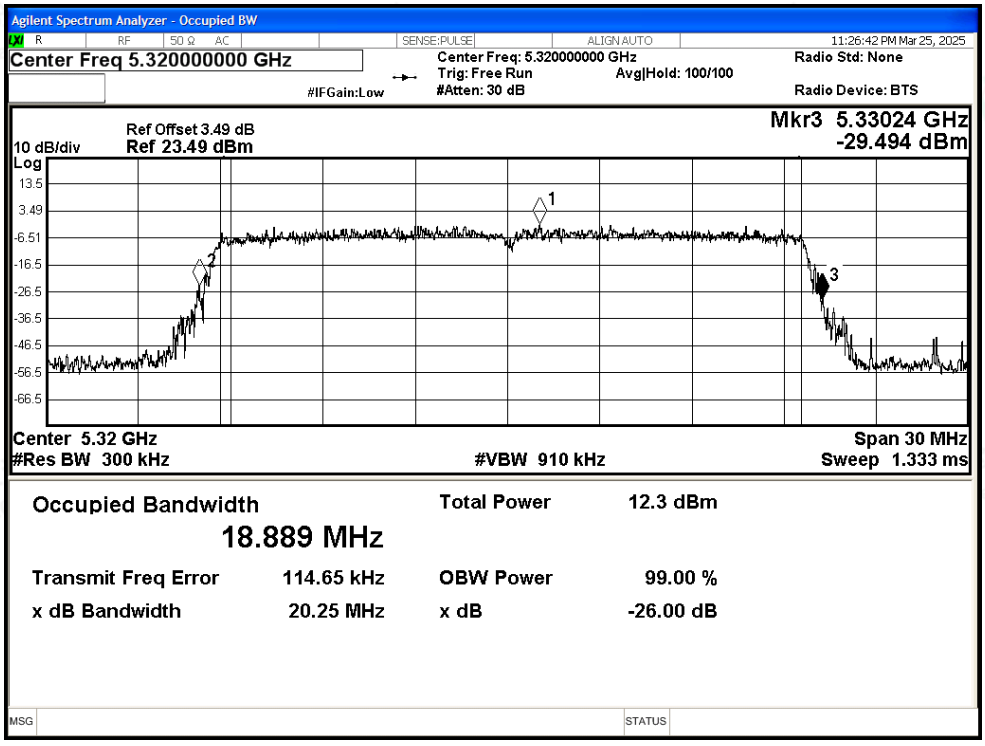
-26dB Bandwidth NVNT ax20 5260MHz Ant4



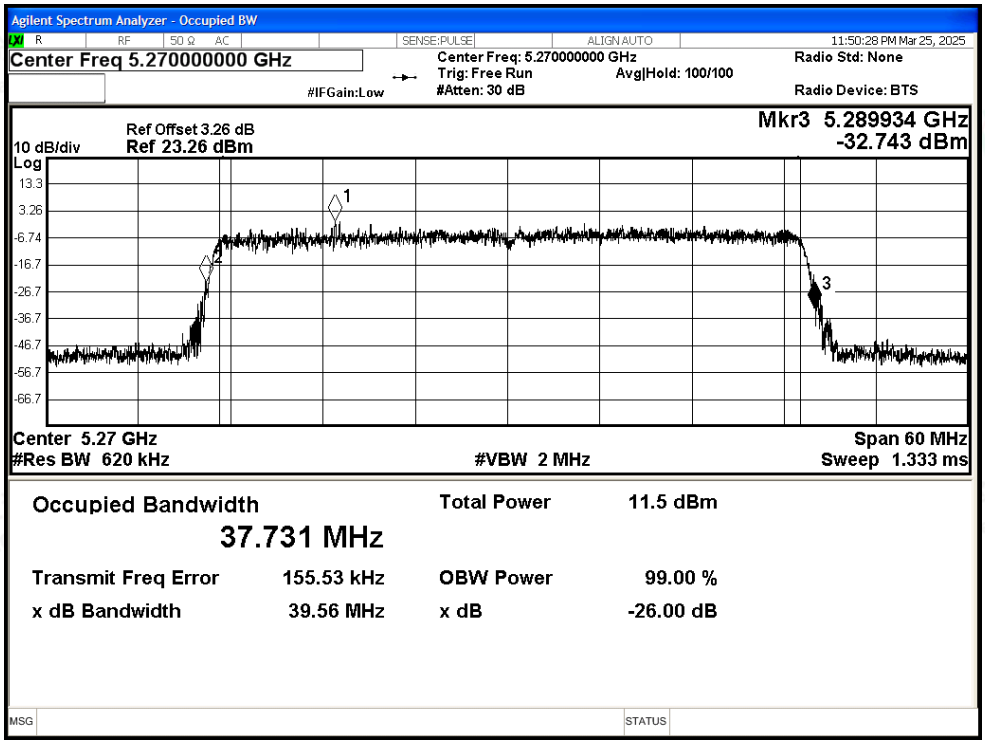
-26dB Bandwidth NVNT ax20 5300MHz Ant4



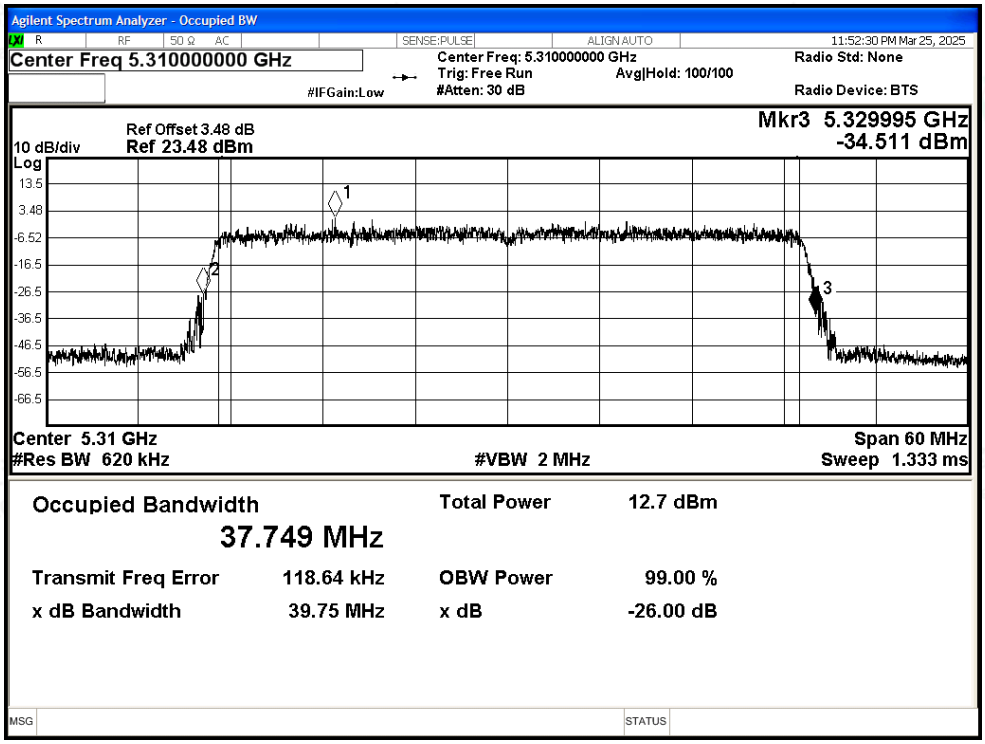
-26dB Bandwidth NVNT ax20 5320MHz Ant4



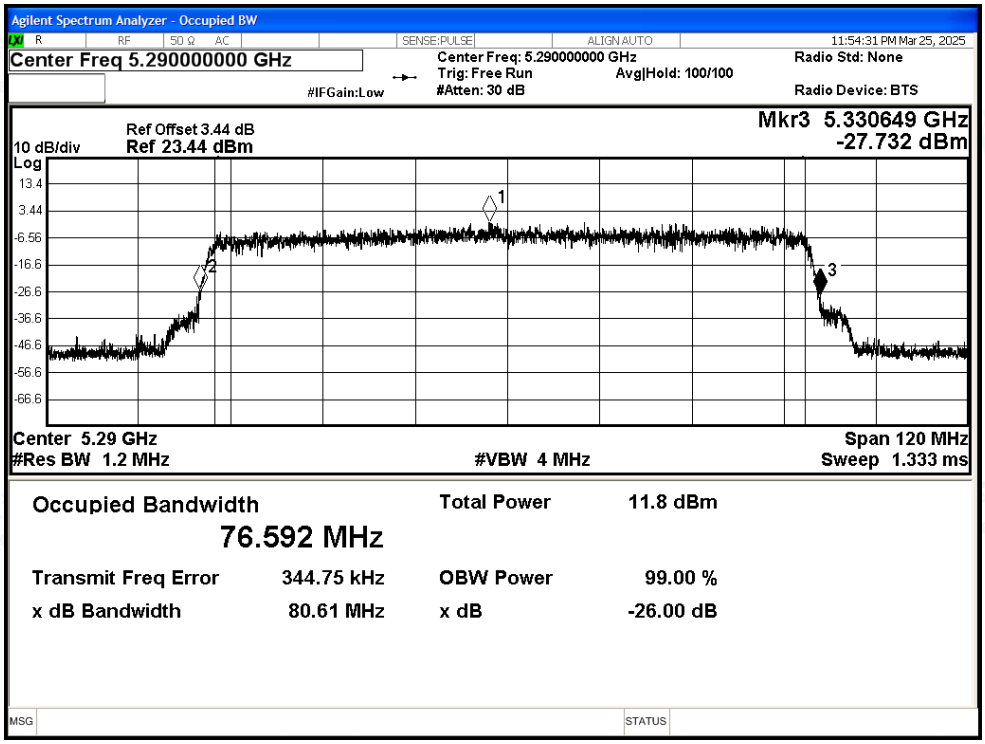
-26dB Bandwidth NVNT ax40 5270MHz Ant4



-26dB Bandwidth NVNT ax40 5310MHz Ant4



-26dB Bandwidth NVNT ax80 5290MHz Ant4



C.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	Ant3	12.94	4.53	**17.47**	24	Pass
NVNT	a	5300	Ant3	12.38	4.53	16.91	24	Pass
NVNT	a	5320	Ant3	11.97	4.53	16.50	24	Pass
NVNT	n20	5260	Ant3	11.21	5.02	16.23	24	Pass
NVNT	n20	5300	Ant3	11.66	5.02	16.68	24	Pass
NVNT	n20	5320	Ant3	11.37	5.02	16.39	24	Pass
NVNT	n40	5270	Ant3	8.55	7.3	15.85	24	Pass
NVNT	n40	5310	Ant3	7.91	7.3	15.21	24	Pass
NVNT	ac20	5260	Ant3	11.22	5.01	16.23	24	Pass
NVNT	ac20	5300	Ant3	11.68	5.01	16.69	24	Pass
NVNT	ac20	5320	Ant3	11.35	5.01	16.36	24	Pass
NVNT	ac40	5270	Ant3	8.50	7.27	15.77	24	Pass
NVNT	ac40	5310	Ant3	7.91	7.28	15.19	24	Pass
NVNT	ac80	5290	Ant3	5.25	9.85	15.10	24	Pass
NVNT	ax20	5260	Ant3	11.21	5.49	16.70	24	Pass
NVNT	ax20	5300	Ant3	10.69	5.49	16.18	24	Pass
NVNT	ax20	5320	Ant3	11.26	5.49	16.75	24	Pass
NVNT	ax40	5270	Ant3	7.50	7.64	15.14	24	Pass
NVNT	ax40	5310	Ant3	6.88	7.64	14.52	24	Pass
NVNT	ax80	5290	Ant3	4.16	9.99	14.15	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	11.93	4.53	16.46	24	Pass
NVNT	a	5300	Ant4	11.36	4.53	15.89	24	Pass
NVNT	a	5320	Ant4	11.86	4.53	16.39	24	Pass
NVNT	n20	5260	Ant4	11.29	5.02	16.31	24	Pass
NVNT	n20	5300	Ant4	11.67	5.02	16.69	24	Pass
NVNT	n20	5320	Ant4	11.26	5.03	16.29	24	Pass
NVNT	n40	5270	Ant4	8.45	7.3	15.75	24	Pass
NVNT	n40	5310	Ant4	7.83	7.3	15.13	24	Pass
NVNT	ac20	5260	Ant4	11.19	5.01	16.20	24	Pass
NVNT	ac20	5300	Ant4	11.63	5.01	16.64	24	Pass
NVNT	ac20	5320	Ant4	11.29	5.01	16.30	24	Pass
NVNT	ac40	5270	Ant4	8.40	7.28	15.68	24	Pass
NVNT	ac40	5310	Ant4	7.81	7.28	15.09	24	Pass
NVNT	ac80	5290	Ant4	5.42	9.85	15.27	24	Pass
NVNT	ax20	5260	Ant4	11.21	5.48	16.69	24	Pass
NVNT	ax20	5300	Ant4	10.62	5.48	16.10	24	Pass
NVNT	ax20	5320	Ant4	11.27	5.49	16.76	24	Pass
NVNT	ax40	5270	Ant4	7.41	7.64	15.05	24	Pass
NVNT	ax40	5310	Ant4	6.79	7.64	14.43	24	Pass
NVNT	ax80	5290	Ant4	4.02	9.99	14.01	24	Pass

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Condition	Mode	Frequency (MHz)	Antenna		Total Power (dBm)	Limit (dBm)	Verdict
			Ant3	Ant4			
NVNT	n20	5260	16.23	16.31	19.28	23.45	Pass
NVNT	n20	5300	16.68	16.69	19.70	23.45	Pass
NVNT	n20	5320	16.39	16.29	19.35	23.45	Pass
NVNT	n40	5270	15.85	15.75	18.81	23.45	Pass
NVNT	n40	5310	15.21	15.13	18.18	23.45	Pass
NVNT	ac20	5260	16.23	16.20	19.23	23.45	Pass
NVNT	ac20	5300	16.69	16.64	19.68	23.45	Pass
NVNT	ac20	5320	16.36	16.30	19.34	23.45	Pass
NVNT	ac40	5270	15.77	15.68	18.74	23.45	Pass
NVNT	ac40	5310	15.19	15.09	18.15	23.45	Pass
NVNT	ac80	5290	15.10	15.27	18.20	23.45	Pass
NVNT	ax20	5260	16.70	16.69	19.71	23.45	Pass
NVNT	ax20	5300	16.18	16.10	19.15	23.45	Pass
NVNT	ax20	5320	16.75	16.76	19.77	23.45	Pass
NVNT	ax40	5270	15.14	15.05	18.11	23.45	Pass
NVNT	ax40	5310	14.52	14.43	17.49	23.45	Pass
NVNT	ax80	5290	14.15	14.01	17.09	23.45	Pass

C.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm)	Verdict
NVNT	a	5260	Ant3	2.13	4.53	6.66	11	Pass
NVNT	a	5300	Ant3	1.78	4.53	6.31	11	Pass
NVNT	a	5320	Ant3	1.74	4.53	6.27	11	Pass
NVNT	n20	5260	Ant3	1.64	5.02	6.66	11	Pass
NVNT	n20	5300	Ant3	0.96	5.02	5.98	11	Pass
NVNT	n20	5320	Ant3	0.53	5.02	5.55	11	Pass
NVNT	n40	5270	Ant3	-1.93	7.3	5.37	11	Pass
NVNT	n40	5310	Ant3	-2.69	7.3	4.61	11	Pass
NVNT	ac20	5260	Ant3	1.34	5.01	6.35	11	Pass
NVNT	ac20	5300	Ant3	1.08	5.01	6.09	11	Pass
NVNT	ac20	5320	Ant3	0.54	5.01	5.55	11	Pass
NVNT	ac40	5270	Ant3	-2.06	7.27	5.21	11	Pass
NVNT	ac40	5310	Ant3	-2.63	7.28	4.65	11	Pass
NVNT	ac80	5290	Ant3	-5.99	9.85	3.86	11	Pass
NVNT	ax20	5260	Ant3	1.5	5.49	6.99	11	Pass
NVNT	ax20	5300	Ant3	0.8	5.49	6.29	11	Pass
NVNT	ax20	5320	Ant3	0.64	5.49	6.13	11	Pass
NVNT	ax40	5270	Ant3	-1.98	7.64	5.66	11	Pass
NVNT	ax40	5310	Ant3	-2.4	7.64	5.24	11	Pass
NVNT	ax80	5290	Ant3	-5.77	9.99	4.22	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm)	Verdict
NVNT	a	5260	Ant4	1.13	4.53	5.66	11	Pass
NVNT	a	5300	Ant4	0.74	4.53	5.27	11	Pass
NVNT	a	5320	Ant4	1.46	4.53	5.99	11	Pass
NVNT	n20	5260	Ant4	1.39	5.02	6.41	11	Pass
NVNT	n20	5300	Ant4	0.89	5.02	5.91	11	Pass
NVNT	n20	5320	Ant4	0.39	5.03	5.42	11	Pass
NVNT	n40	5270	Ant4	-2	7.3	5.30	11	Pass
NVNT	n40	5310	Ant4	-2.89	7.3	4.41	11	Pass
NVNT	ac20	5260	Ant4	1.51	5.01	6.52	11	Pass
NVNT	ac20	5300	Ant4	0.98	5.01	5.99	11	Pass
NVNT	ac20	5320	Ant4	0.53	5.01	5.54	11	Pass
NVNT	ac40	5270	Ant4	-1.89	7.28	5.39	11	Pass
NVNT	ac40	5310	Ant4	-2.74	7.28	4.54	11	Pass
NVNT	ac80	5290	Ant4	-5.68	9.85	4.17	11	Pass
NVNT	ax20	5260	Ant4	1.56	5.48	7.04	11	Pass
NVNT	ax20	5300	Ant4	0.91	5.48	6.39	11	Pass
NVNT	ax20	5320	Ant4	0.39	5.49	5.88	11	Pass
NVNT	ax40	5270	Ant4	-2.07	7.64	5.57	11	Pass
NVNT	ax40	5310	Ant4	-2.77	7.64	4.87	11	Pass
NVNT	ax80	5290	Ant4	-5.78	9.99	4.21	11	Pass

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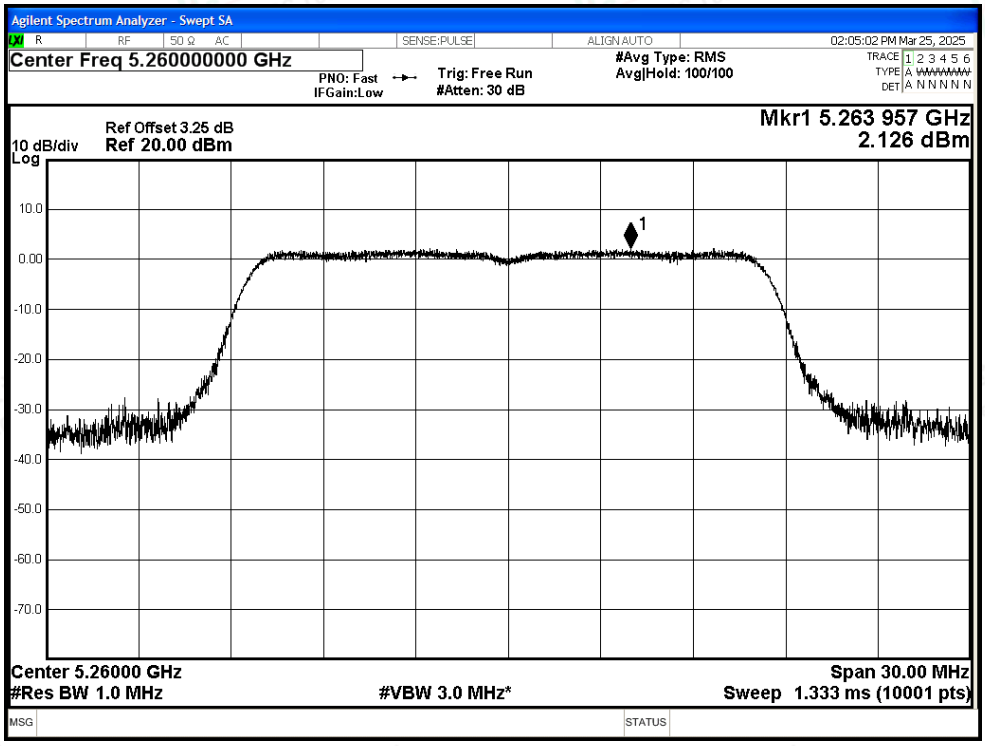
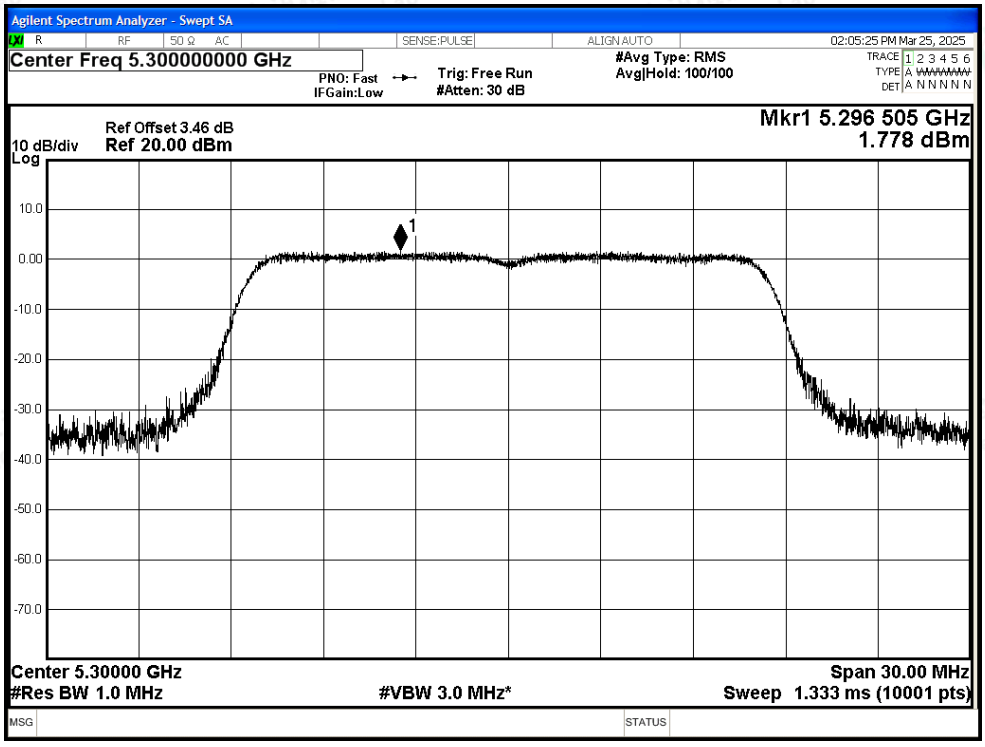
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm) Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
			Ant3	Ant4			
NVNT	n20	5260	6.66	6.41	9.55	10.45	Pass
NVNT	n20	5300	5.98	5.91	8.96	10.45	Pass
NVNT	n20	5320	5.55	5.42	8.50	10.45	Pass
NVNT	n40	5270	5.37	5.30	8.35	10.45	Pass
NVNT	n40	5310	4.61	4.41	7.52	10.45	Pass
NVNT	ac20	5260	6.35	6.52	9.45	10.45	Pass
NVNT	ac20	5300	6.09	5.99	9.05	10.45	Pass
NVNT	ac20	5320	5.55	5.54	8.56	10.45	Pass
NVNT	ac40	5270	5.21	5.39	8.31	10.45	Pass
NVNT	ac40	5310	4.65	4.54	7.61	10.45	Pass
NVNT	ac80	5290	3.86	4.17	7.03	10.45	Pass
NVNT	ax20	5260	6.99	7.04	10.03	10.45	Pass
NVNT	ax20	5300	6.29	6.39	9.35	10.45	Pass
NVNT	ax20	5320	6.13	5.88	9.02	10.45	Pass
NVNT	ax40	5270	5.66	5.57	8.63	10.45	Pass
NVNT	ax40	5310	5.24	4.87	8.07	10.45	Pass
NVNT	ax80	5290	4.22	4.21	7.23	10.45	Pass

Test Graphs

PSD NVNT a 5260MHz Ant3

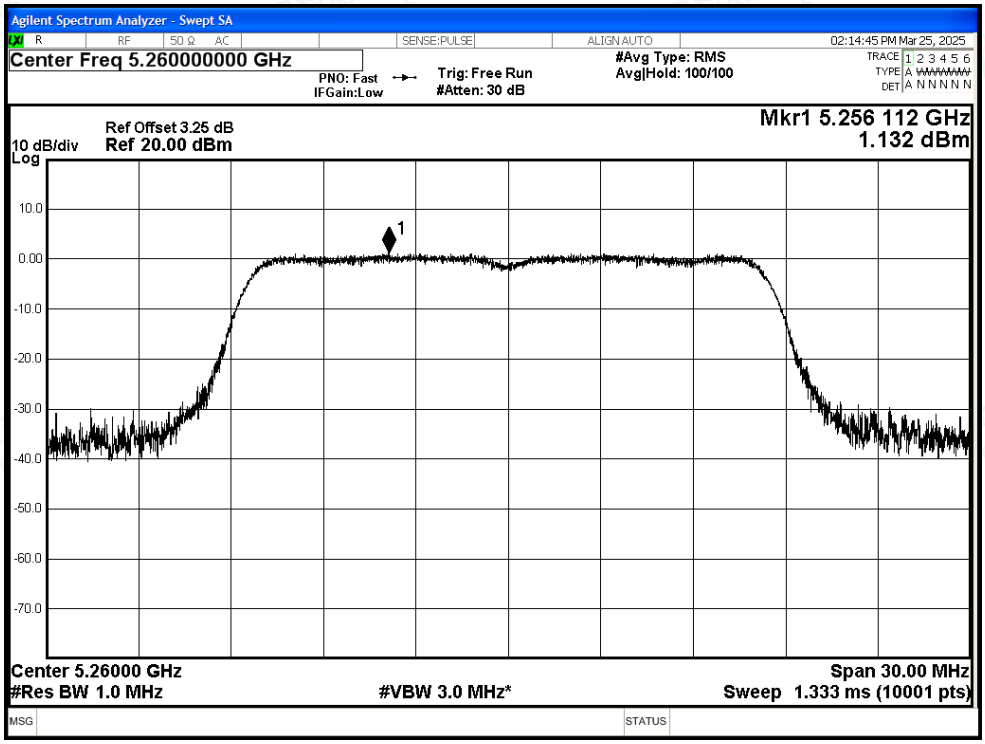


PSD NVNT a 5300MHz Ant3

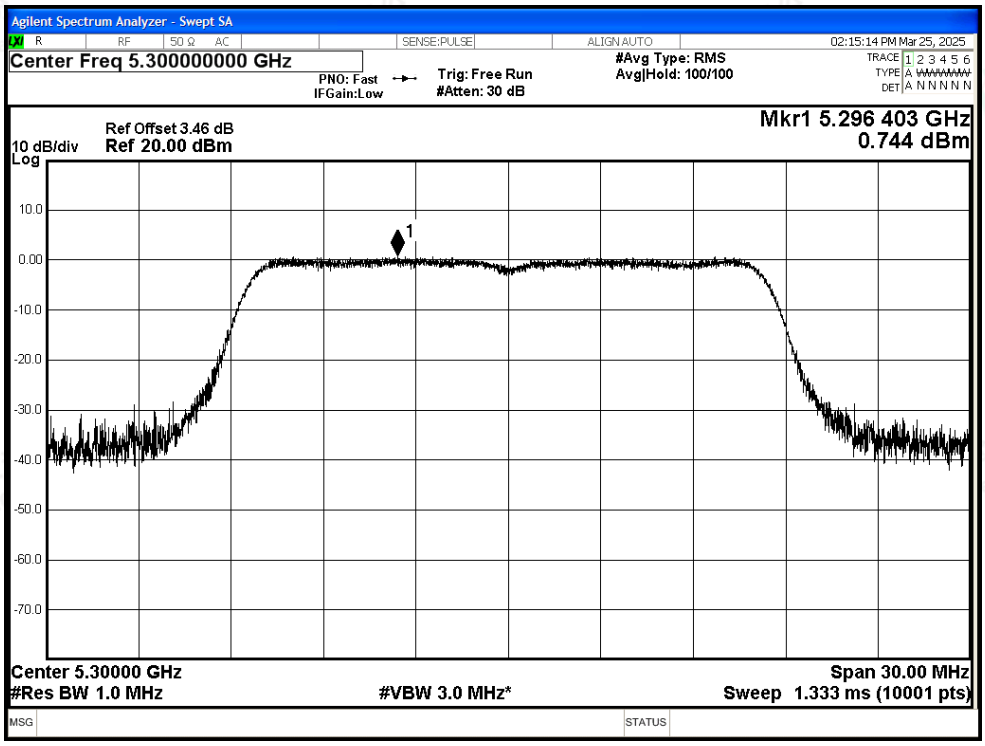


Test Graphs

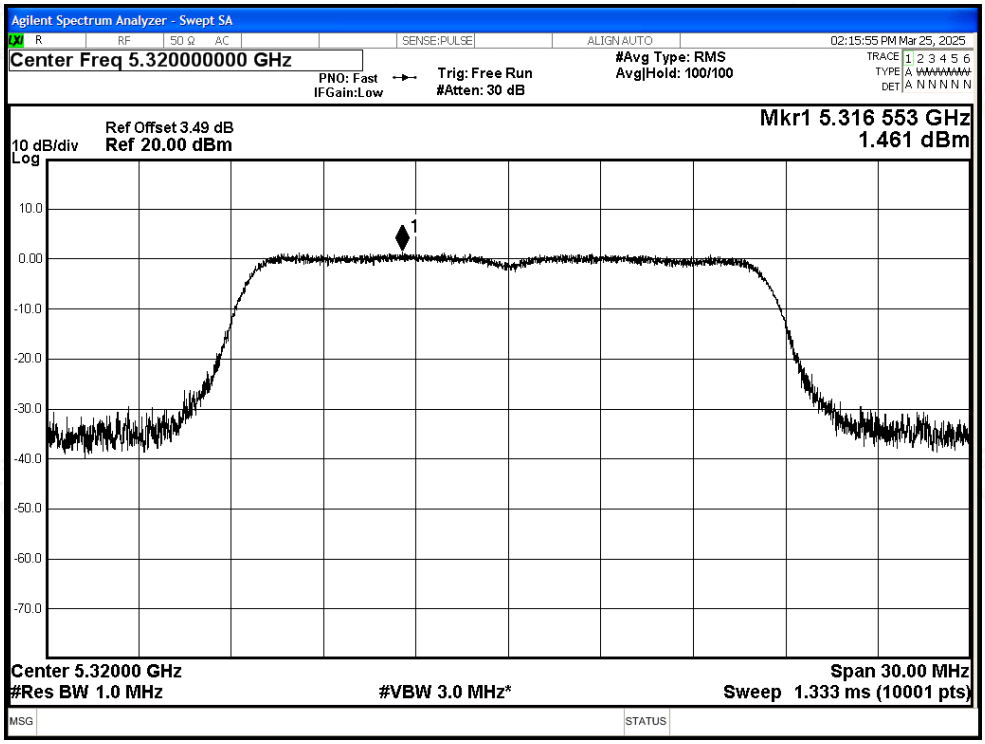
PSD NVNT a 5260MHz Ant4



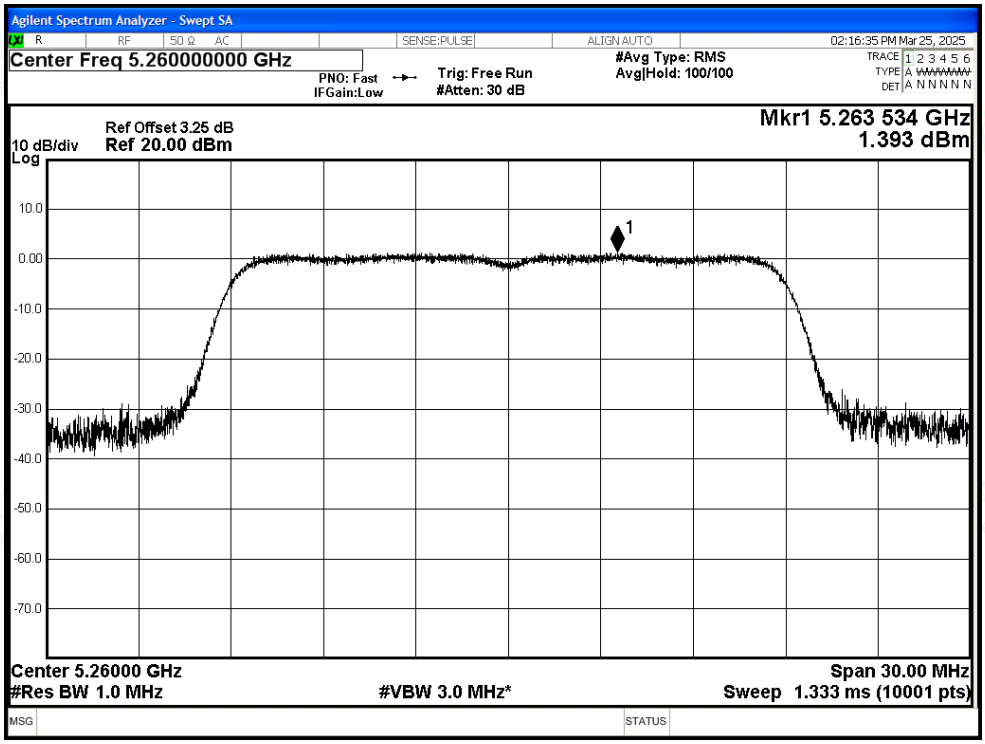
PSD NVNT a 5300MHz Ant4



PSD NVNT a 5320MHz Ant4



PSD NVNT n20 5260MHz Ant4



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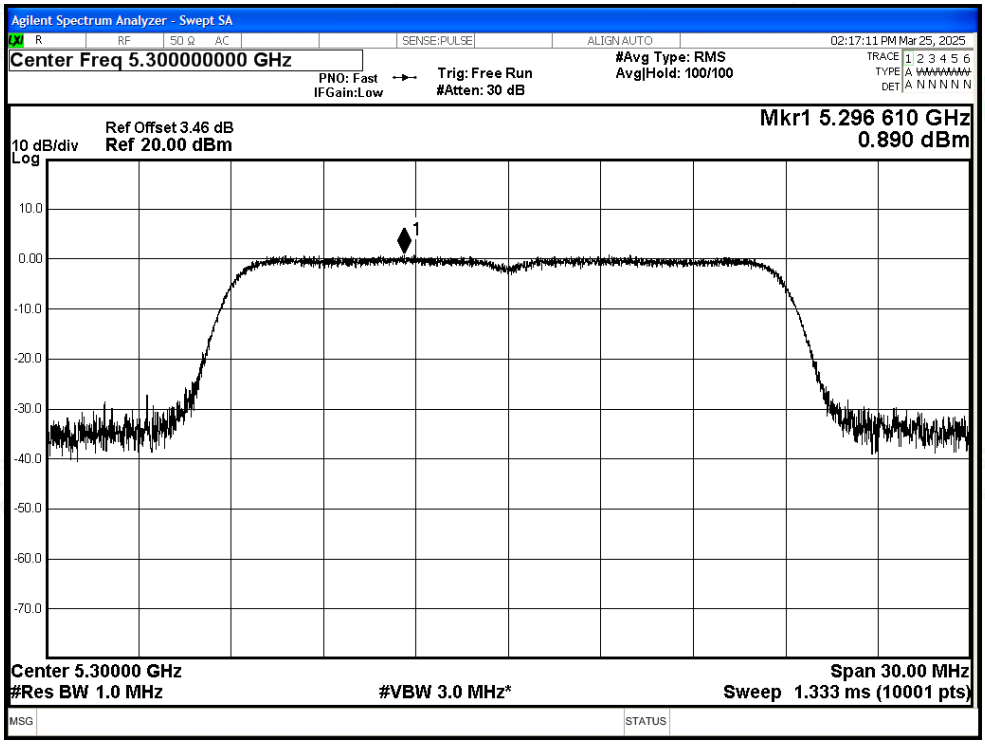

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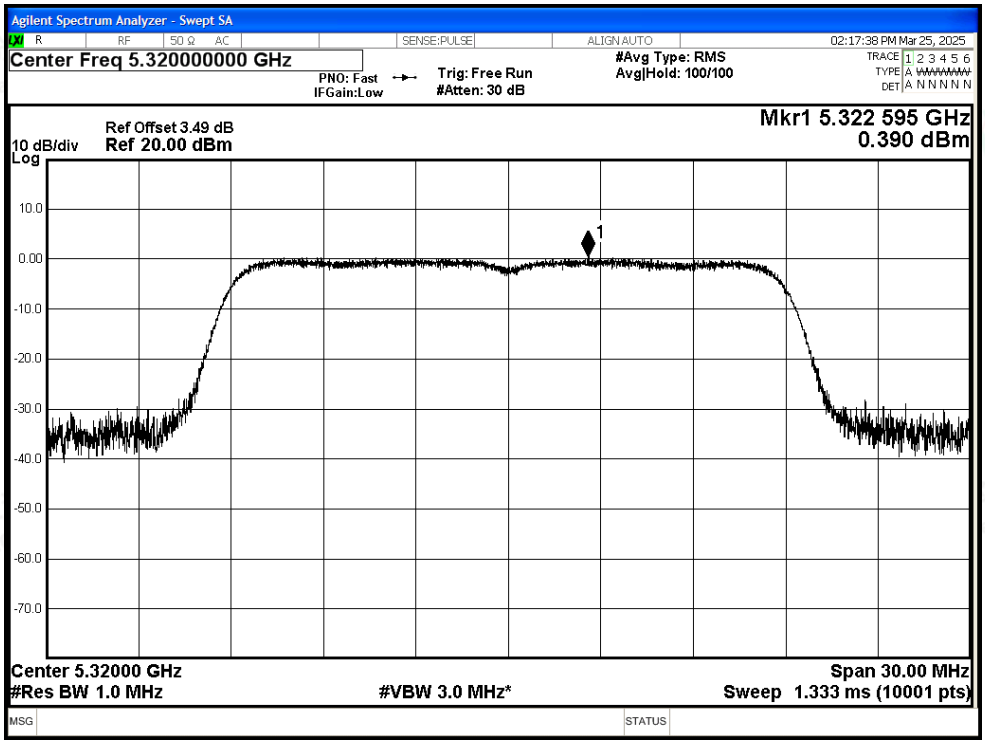
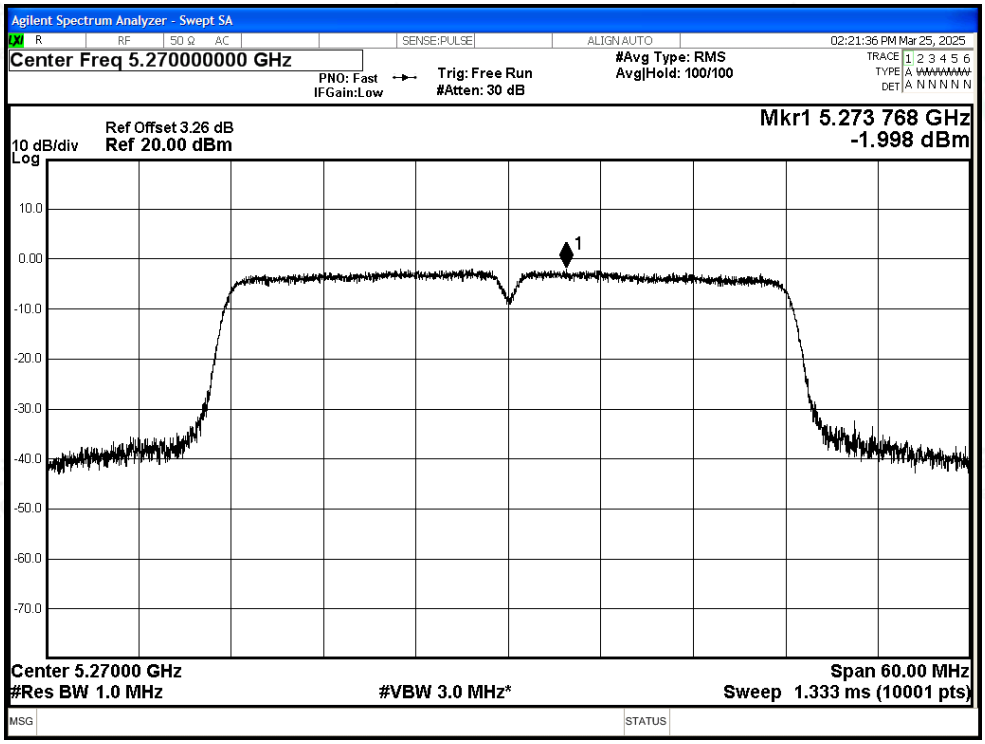
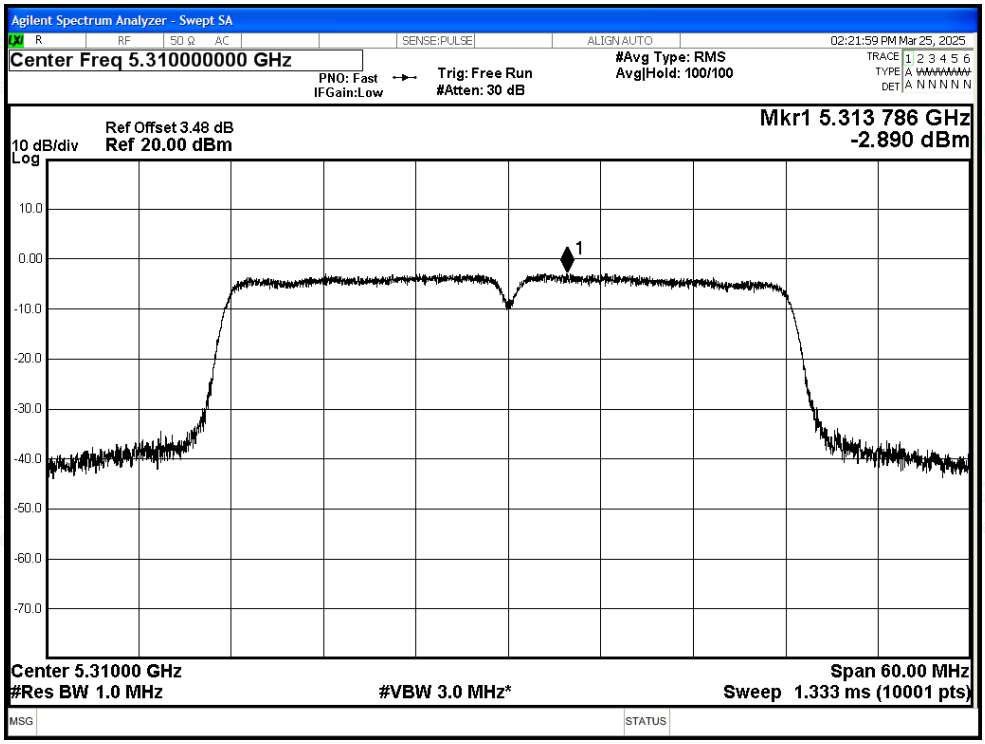


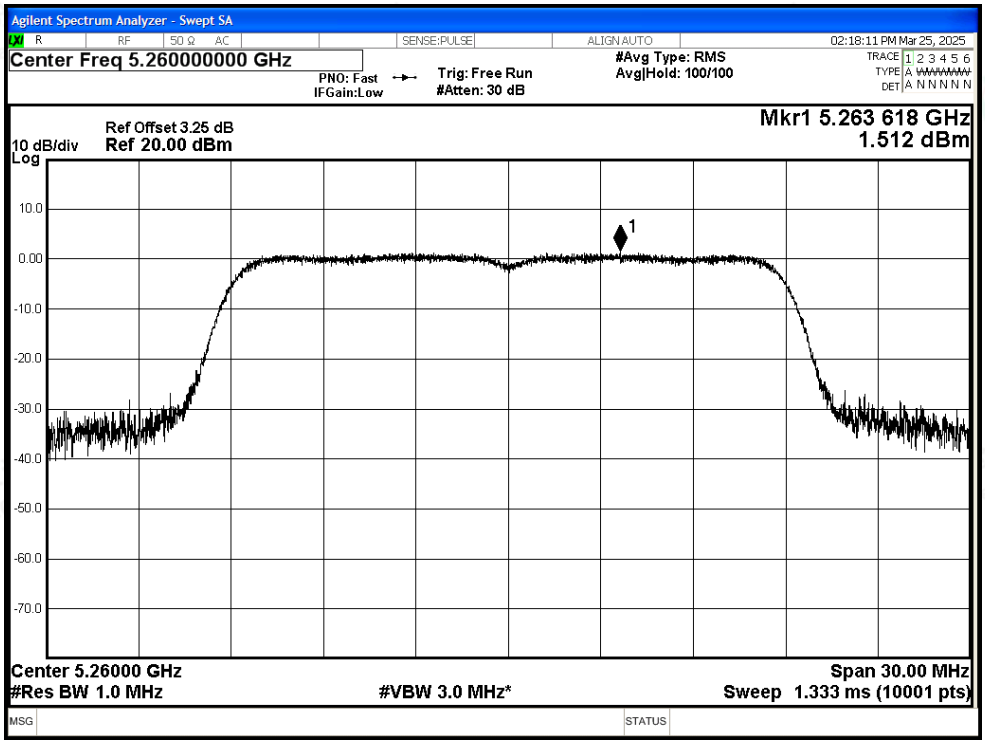
PSD NVNT n40 5270MHz Ant4



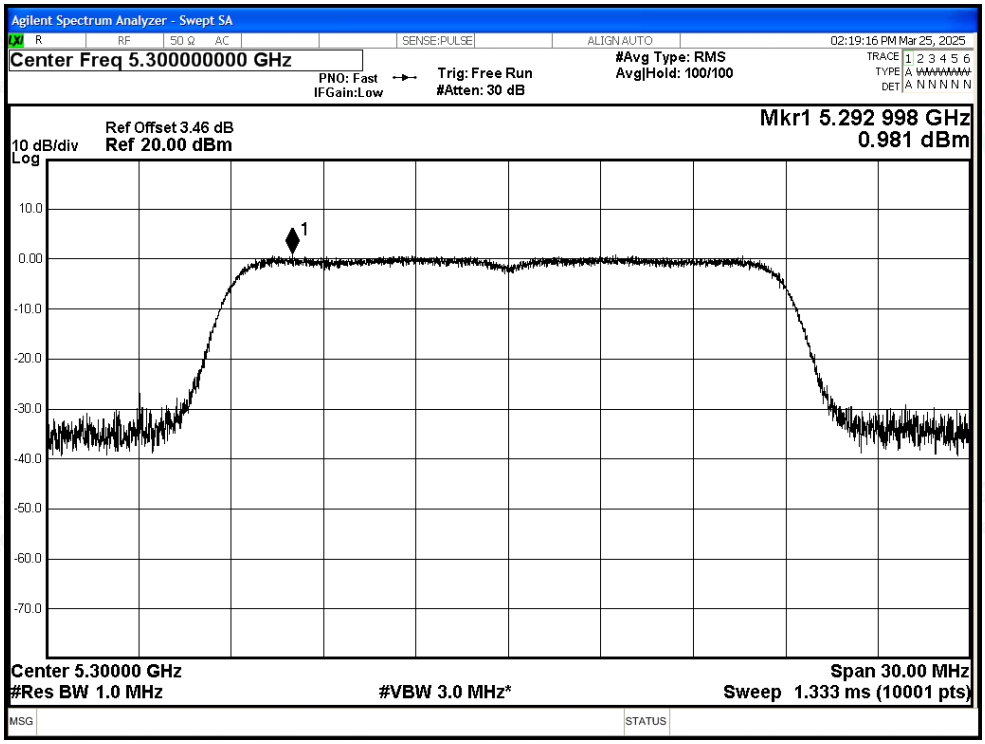
PSD NVNT n40 5310MHz Ant4



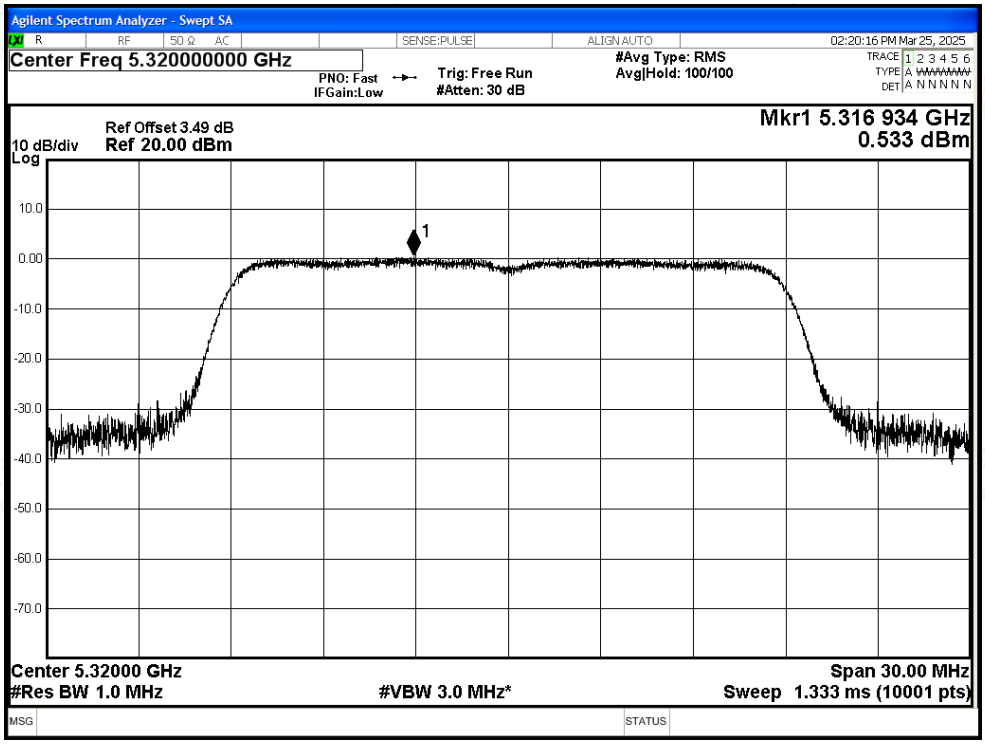
PSD NVNT ac20 5260MHz Ant4



PSD NVNT ac20 5300MHz Ant4



PSD NVNT ac20 5320MHz Ant4



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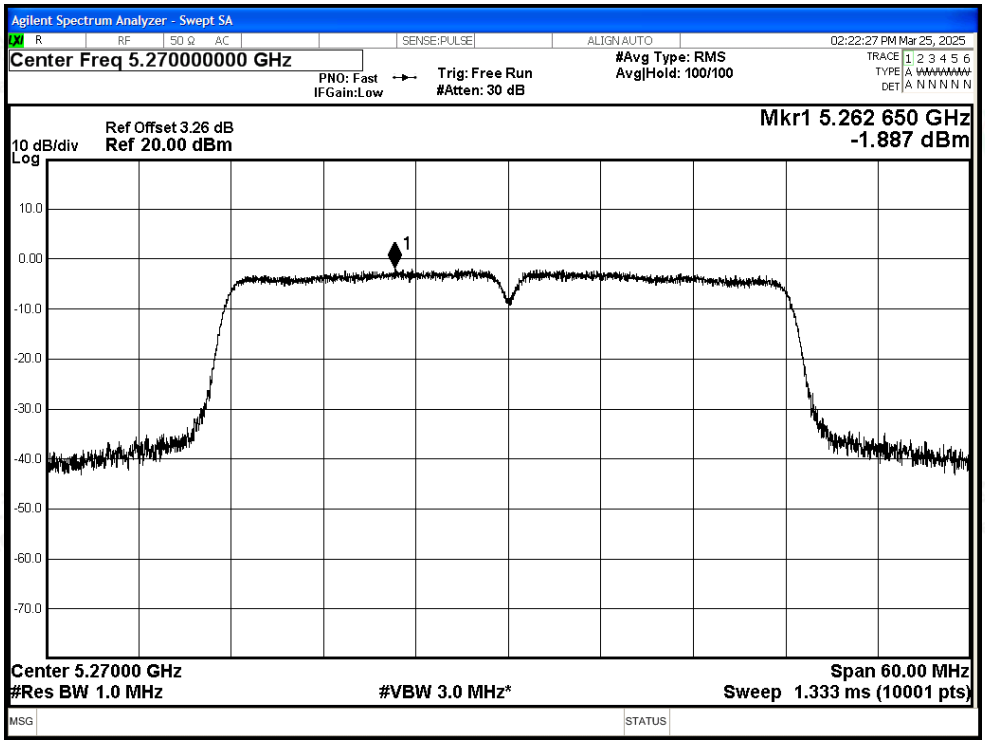
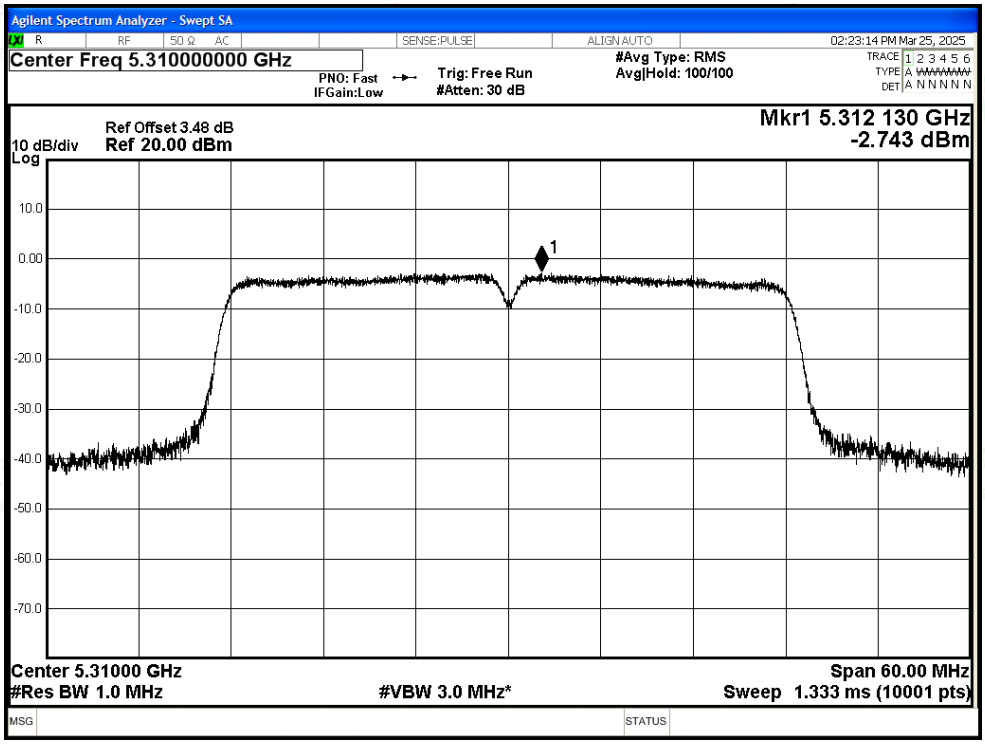
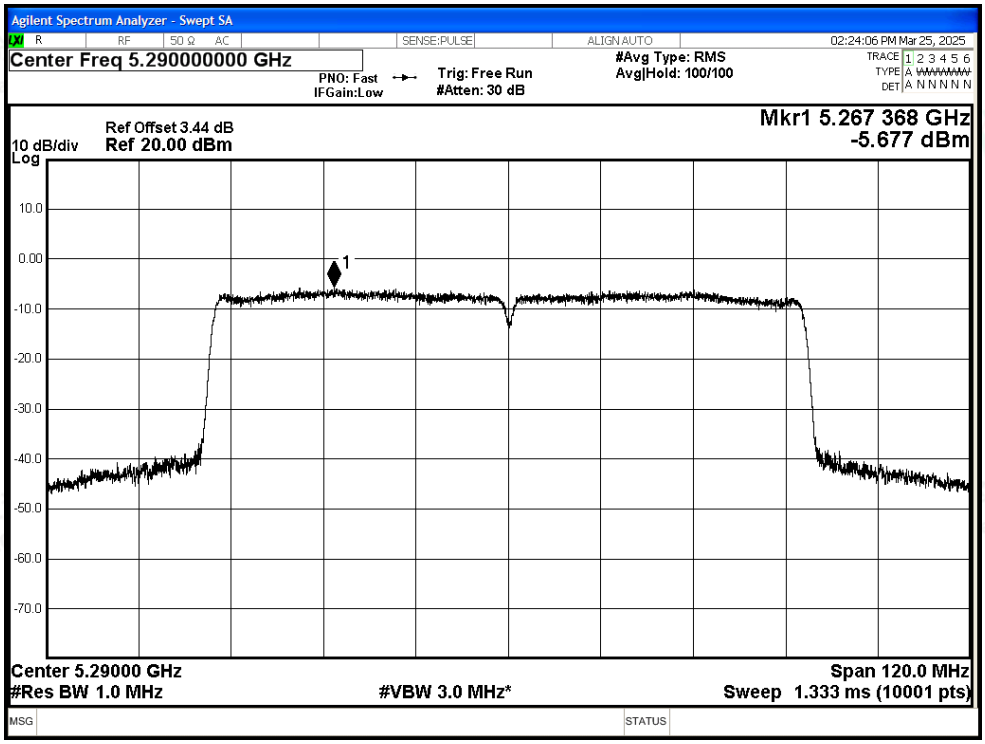


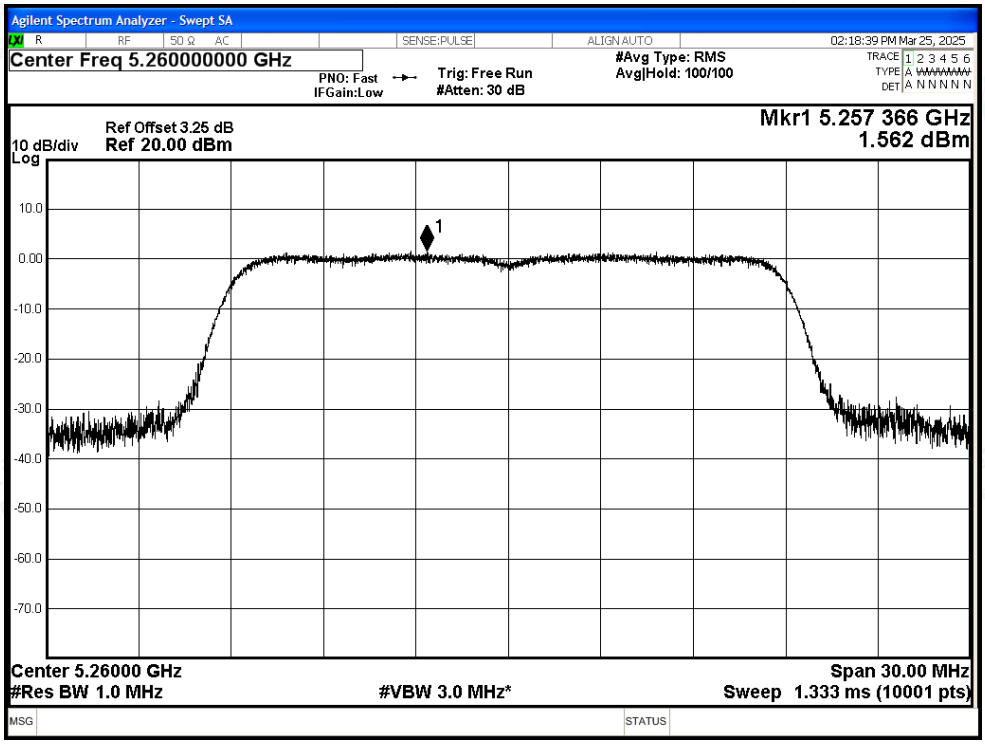
PSD NVNT ac40 5310MHz Ant4



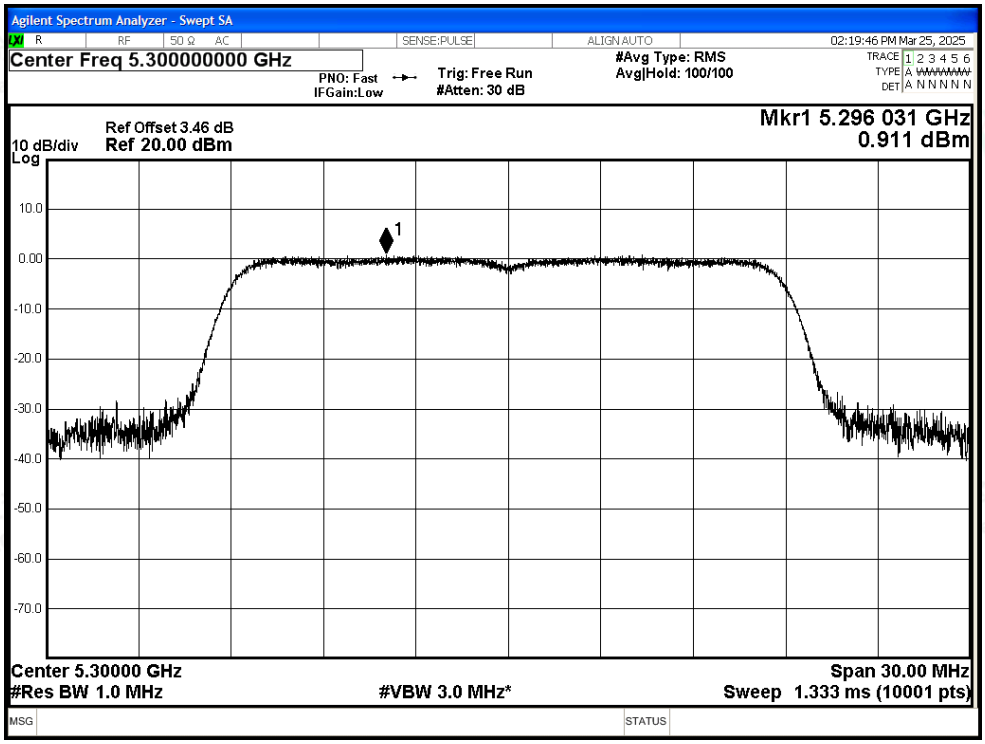
PSD NVNT ac80 5290MHz Ant4



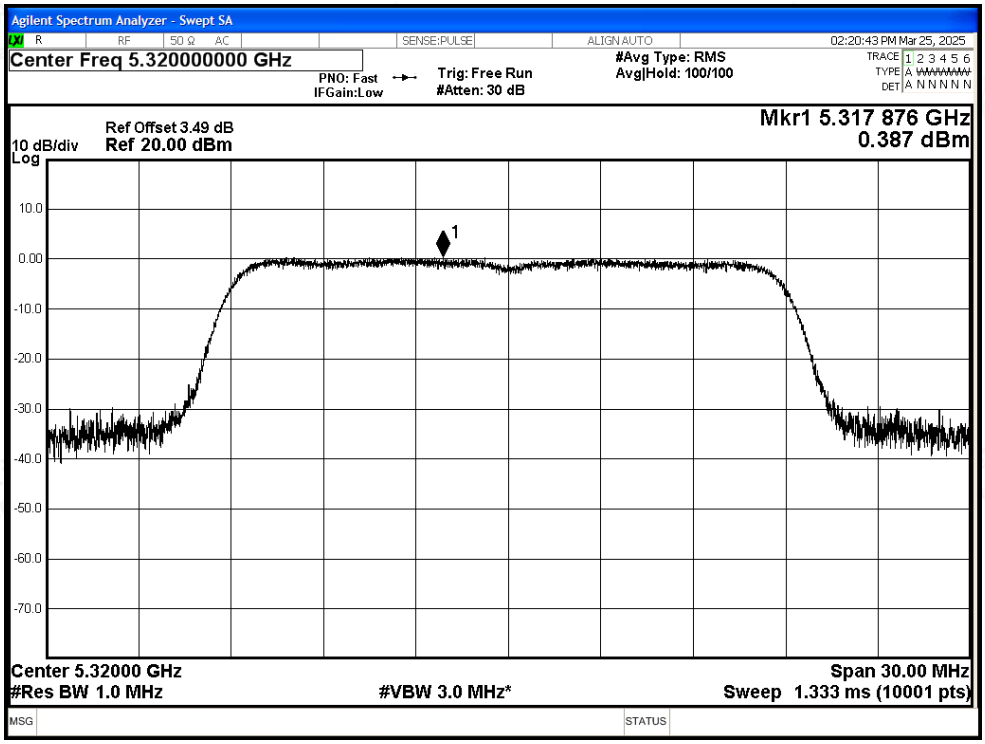
PSD NVNT ax20 5260MHz Ant4



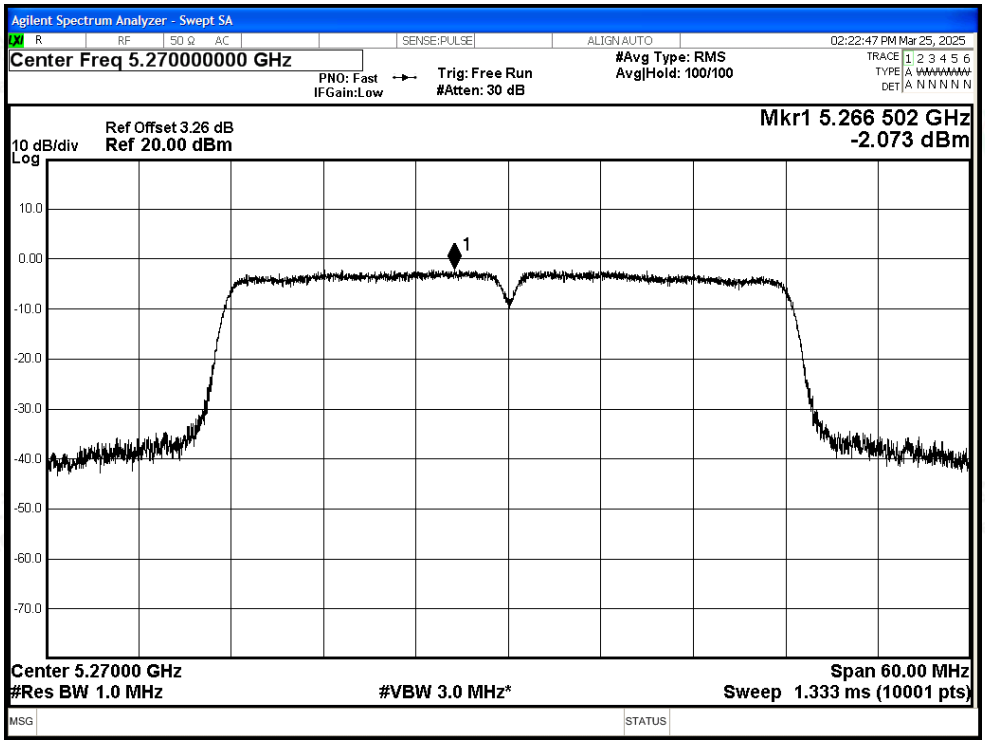
PSD NVNT ax20 5300MHz Ant4



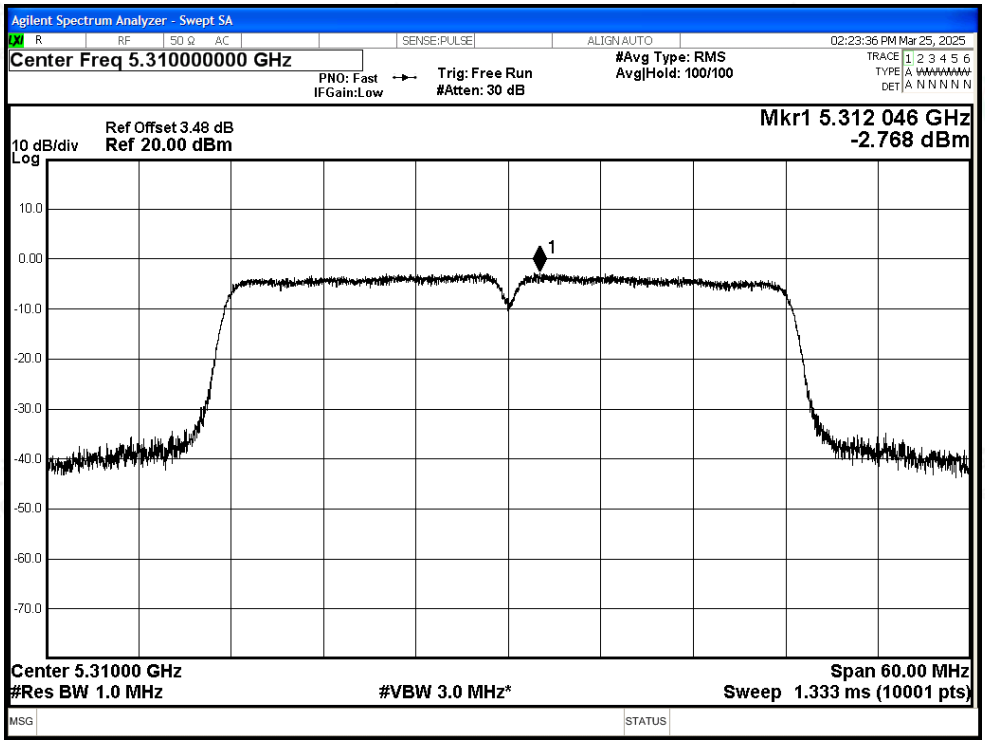
PSD NVNT ax20 5320MHz Ant4



PSD NVNT ax40 5270MHz Ant4



PSD NVNT ax40 5310MHz Ant4



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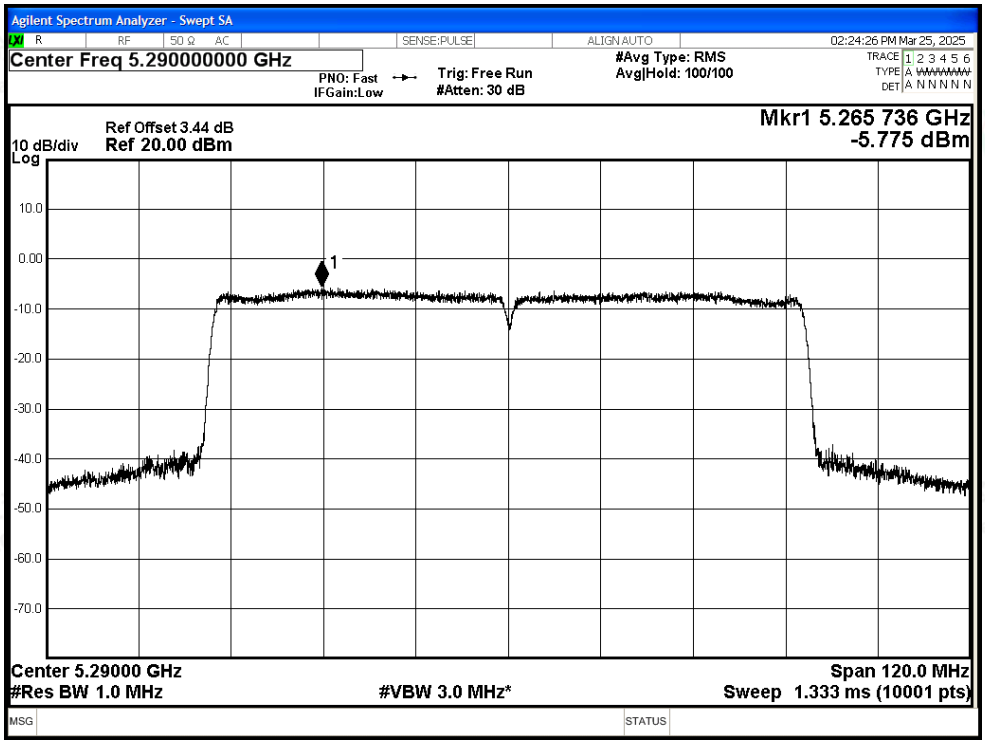


C.4 Restrict Band

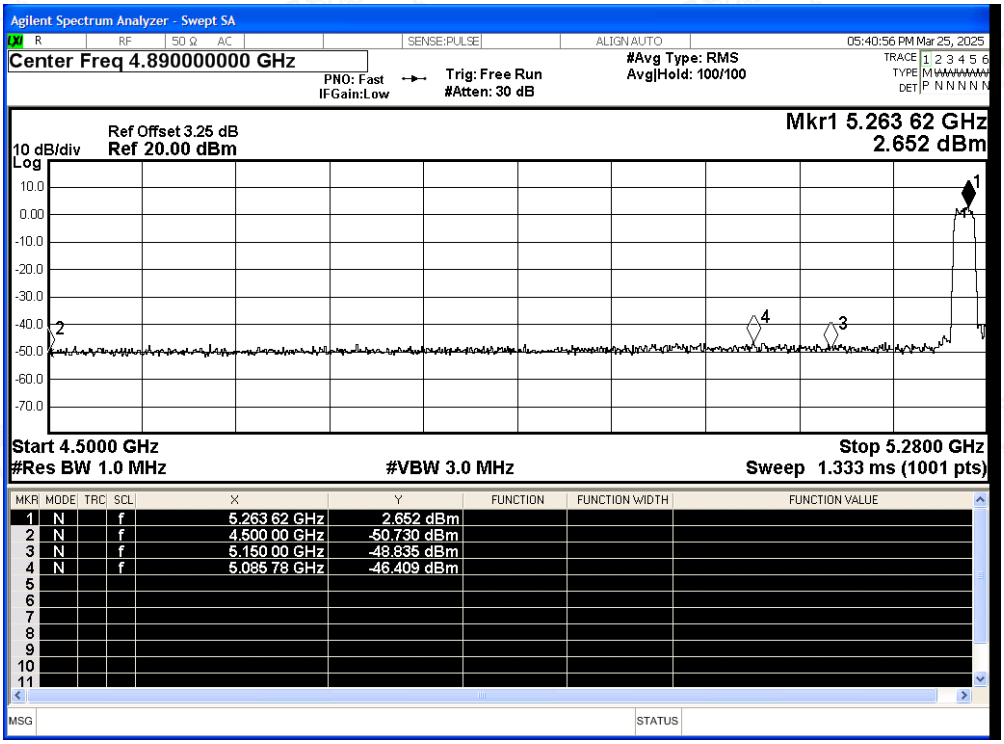
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant3	4500	-50.73	3.54	-	48.07	Peak	68.2	Pass
NVNT	a	5260	Ant3	4500	-58.51	3.54	4.53	44.82	Average	54	Pass
NVNT	a	5260	Ant3	5085.78	-46.41	3.54	-	52.39	Peak	68.2	Pass
NVNT	a	5260	Ant3	5099.04	-56.72	3.54	4.53	46.61	Average	54	Pass
NVNT	a	5260	Ant3	5150	-48.84	3.54	-	49.96	Peak	68.2	Pass
NVNT	a	5260	Ant3	5150	-57.9	3.54	4.53	45.43	Average	54	Pass
NVNT	a	5320	Ant3	5350	-50.53	3.54	-	48.27	Peak	68.2	Pass
NVNT	a	5320	Ant3	5350	-57.51	3.54	4.53	45.82	Average	54	Pass
NVNT	a	5320	Ant3	5437.8	-46.88	3.54	-	51.92	Peak	68.2	Pass
NVNT	a	5320	Ant3	5361	-56.85	3.54	4.53	46.48	Average	54	Pass
NVNT	a	5320	Ant3	5460	-49.35	3.54	-	49.45	Peak	68.2	Pass
NVNT	a	5320	Ant3	5460	-57.99	3.54	4.53	45.34	Average	54	Pass
NVNT	n20	5260	Ant3	4500	-50.44	3.54	-	48.36	Peak	68.2	Pass
NVNT	n20	5260	Ant3	4500	-58.23	3.54	5.02	45.59	Average	54	Pass
NVNT	n20	5260	Ant3	5094.36	-46.41	3.54	-	52.39	Peak	68.2	Pass
NVNT	n20	5260	Ant3	5131.02	-56.54	3.54	5.02	47.28	Average	54	Pass
NVNT	n20	5260	Ant3	5150	-48.3	3.54	-	50.50	Peak	68.2	Pass
NVNT	n20	5260	Ant3	5150	-57.32	3.54	5.02	46.50	Average	54	Pass
NVNT	n20	5320	Ant3	5350	-48.98	3.54	-	49.82	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5350	-57.43	3.54	5.02	46.39	Average	54	Pass
NVNT	n20	5320	Ant3	5385	-46.5	3.54	-	52.30	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5448	-56.61	3.54	5.02	47.21	Average	54	Pass
NVNT	n20	5320	Ant3	5460	-49.08	3.54	-	49.72	Peak	68.2	Pass
NVNT	n20	5320	Ant3	5460	-57.73	3.54	5.02	46.09	Average	54	Pass
NVNT	n40	5270	Ant3	4500	-49.99	3.54	-	48.81	Peak	68.2	Pass
NVNT	n40	5270	Ant3	4500	-58.58	3.54	7.3	47.52	Average	54	Pass
NVNT	n40	5270	Ant3	5144.76	-46.25	3.54	-	52.55	Peak	68.2	Pass
NVNT	n40	5270	Ant3	5091.3	-56.38	3.54	7.3	49.72	Average	54	Pass
NVNT	n40	5270	Ant3	5150	-48.52	3.54	-	50.28	Peak	68.2	Pass
NVNT	n40	5270	Ant3	5150	-57.35	3.54	7.3	48.75	Average	54	Pass
NVNT	n40	5310	Ant3	5350	-47.72	3.54	-	51.08	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5350	-57.22	3.54	7.3	48.88	Average	54	Pass
NVNT	n40	5310	Ant3	5350.4	-44.22	3.54	-	54.58	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5351.4	-56.48	3.54	7.3	49.62	Average	54	Pass
NVNT	n40	5310	Ant3	5460	-50.06	3.54	-	48.74	Peak	68.2	Pass
NVNT	n40	5310	Ant3	5460	-57.6	3.54	7.3	48.50	Average	54	Pass

NVNT	ac20	5260	Ant3	4500	-50.56	3.54	-	48.24	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	4500	-58.74	3.54	5.01	45.07	Average	54	Pass
NVNT	ac20	5260	Ant3	5068.62	-45.9	3.54	-	52.90	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	5083.44	-56.55	3.54	5.01	47.26	Average	54	Pass
NVNT	ac20	5260	Ant3	5150	-48.2	3.54	-	50.60	Peak	68.2	Pass
NVNT	ac20	5260	Ant3	5150	-57.28	3.54	5.01	46.53	Average	54	Pass
NVNT	ac20	5320	Ant3	5350	-48.03	3.54	-	50.77	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5350	-57.91	3.54	5.01	45.90	Average	54	Pass
NVNT	ac20	5320	Ant3	5398.8	-47.06	3.54	-	51.74	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5363.2	-56.77	3.54	5.01	47.04	Average	54	Pass
NVNT	ac20	5320	Ant3	5460	-49.19	3.54	-	49.61	Peak	68.2	Pass
NVNT	ac20	5320	Ant3	5460	-57.35	3.54	5.01	46.46	Average	54	Pass
NVNT	ac40	5270	Ant3	4500	-50.04	3.54	-	48.76	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	4500	-58.8	3.54	7.27	47.27	Average	54	Pass
NVNT	ac40	5270	Ant3	5023.26	-46.44	3.54	-	52.36	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	5094.54	-56.53	3.54	7.27	49.54	Average	54	Pass
NVNT	ac40	5270	Ant3	5150	-47.06	3.54	-	51.74	Peak	68.2	Pass
NVNT	ac40	5270	Ant3	5150	-57.58	3.54	7.27	48.49	Average	54	Pass
NVNT	ac40	5310	Ant3	5350	-48.05	3.54	-	50.75	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5350	-57.4	3.54	7.28	48.68	Average	54	Pass
NVNT	ac40	5310	Ant3	5354.4	-45.07	3.54	-	53.73	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5357	-56.49	3.54	7.28	49.59	Average	54	Pass
NVNT	ac40	5310	Ant3	5460	-49.47	3.54	-	49.33	Peak	68.2	Pass
NVNT	ac40	5310	Ant3	5460	-57.93	3.54	7.28	48.15	Average	54	Pass
NVNT	ac80	5290	Ant3	4500	-50.01	3.54	-	48.79	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	4500	-58.67	3.54	9.85	49.98	Average	54	Pass
NVNT	ac80	5290	Ant3	4813.2	-46.22	3.54	-	52.58	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5096.82	-56.39	3.54	9.85	52.26	Average	54	Pass
NVNT	ac80	5290	Ant3	5150	-48.16	3.54	-	50.64	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5150	-57.01	3.54	9.85	51.64	Average	54	Pass
NVNT	ac80	5290	Ant3	5350	-46.13	3.54	-	52.67	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5350	-56.94	3.54	9.85	51.71	Average	54	Pass
NVNT	ac80	5290	Ant3	5352.75	-44.26	3.54	-	54.54	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5358.5	-56.41	3.54	9.85	52.24	Average	54	Pass
NVNT	ac80	5290	Ant3	5460	-48.68	3.54	-	50.12	Peak	68.2	Pass
NVNT	ac80	5290	Ant3	5460	-57.82	3.54	9.85	50.83	Average	54	Pass
NVNT	ax20	5260	Ant3	4500	-51.25	3.54	-	47.55	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	4500	-58.26	3.54	5.49	46.03	Average	54	Pass
NVNT	ax20	5260	Ant3	4959.42	-45.41	3.54	-	53.39	Peak	68.2	Pass
NVNT	ax20	5260	Ant3	5051.46	-56.54	3.54	5.49	47.75	Average	54	Pass
NVNT	ax20	5260	Ant3	5150	-49.41	3.54	-	49.39	Peak	68.2	Pass

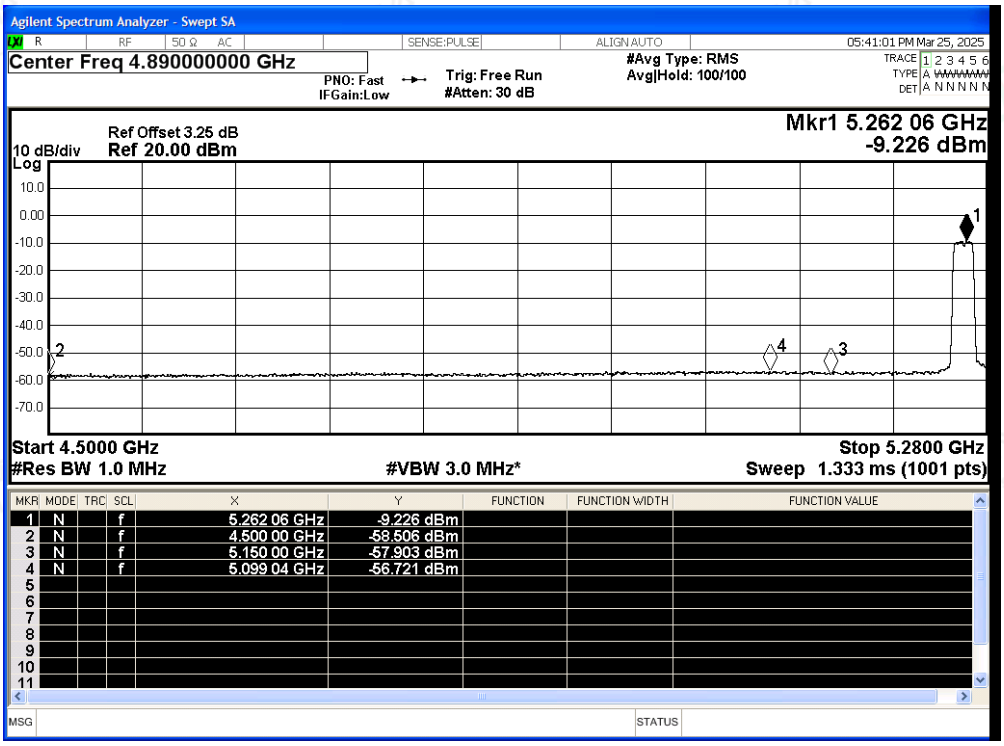
NVNT	ax20	5260	Ant3	5150	-56.77	3.54	5.49	47.52	Average	54	Pass
NVNT	ax20	5320	Ant3	5350	-49.48	3.54	-	49.32	Peak	68.2	Pass
NVNT	ax20	5320	Ant3	5350	-57.89	3.54	5.49	46.40	Average	54	Pass
NVNT	ax20	5320	Ant3	5353	-45	3.54	-	53.80	Peak	68.2	Pass
NVNT	ax20	5320	Ant3	5396.6	-56.64	3.54	5.49	47.65	Average	54	Pass
NVNT	ax20	5320	Ant3	5460	-49	3.54	-	49.80	Peak	68.2	Pass
NVNT	ax20	5320	Ant3	5460	-57.74	3.54	5.49	46.55	Average	54	Pass
NVNT	ax40	5270	Ant3	4500	-50.05	3.54	-	48.75	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	4500	-58.36	3.54	7.64	48.08	Average	54	Pass
NVNT	ax40	5270	Ant3	4992.48	-45.71	3.54	-	53.09	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	5030.55	-56.6	3.54	7.64	49.84	Average	54	Pass
NVNT	ax40	5270	Ant3	5150	-49.44	3.54	-	49.36	Peak	68.2	Pass
NVNT	ax40	5270	Ant3	5150	-57.77	3.54	7.64	48.67	Average	54	Pass
NVNT	ax40	5310	Ant3	5350	-48.08	3.54	-	50.72	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5350	-56.65	3.54	7.64	49.79	Average	54	Pass
NVNT	ax40	5310	Ant3	5351.6	-45.83	3.54	-	52.97	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5351.2	-56.51	3.54	7.64	49.93	Average	54	Pass
NVNT	ax40	5310	Ant3	5460	-49.19	3.54	-	49.61	Peak	68.2	Pass
NVNT	ax40	5310	Ant3	5460	-57.55	3.54	7.64	48.89	Average	54	Pass
NVNT	ax80	5290	Ant3	5350	-48.13	3.54	-	50.67	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5350	-57.44	3.54	9.99	51.35	Average	54	Pass
NVNT	ax80	5290	Ant3	5351.5	-43.18	3.54	-	55.62	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5358	-55.91	3.54	9.99	52.88	Average	54	Pass
NVNT	ax80	5290	Ant3	5460	-50.27	3.54	-	48.53	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5460	-57.63	3.54	9.99	51.16	Average	54	Pass
NVNT	ax80	5290	Ant3	4500	-51.45	3.54	-	47.35	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	4500	-58.36	3.54	9.99	50.43	Average	54	Pass
NVNT	ax80	5290	Ant3	4618.32	-46.22	3.54	-	52.58	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5099.43	-56.49	3.54	9.99	52.30	Average	54	Pass
NVNT	ax80	5290	Ant3	5150	-48.18	3.54	-	50.62	Peak	68.2	Pass
NVNT	ax80	5290	Ant3	5150	-57.14	3.54	9.99	51.65	Average	54	Pass

Test Graphs

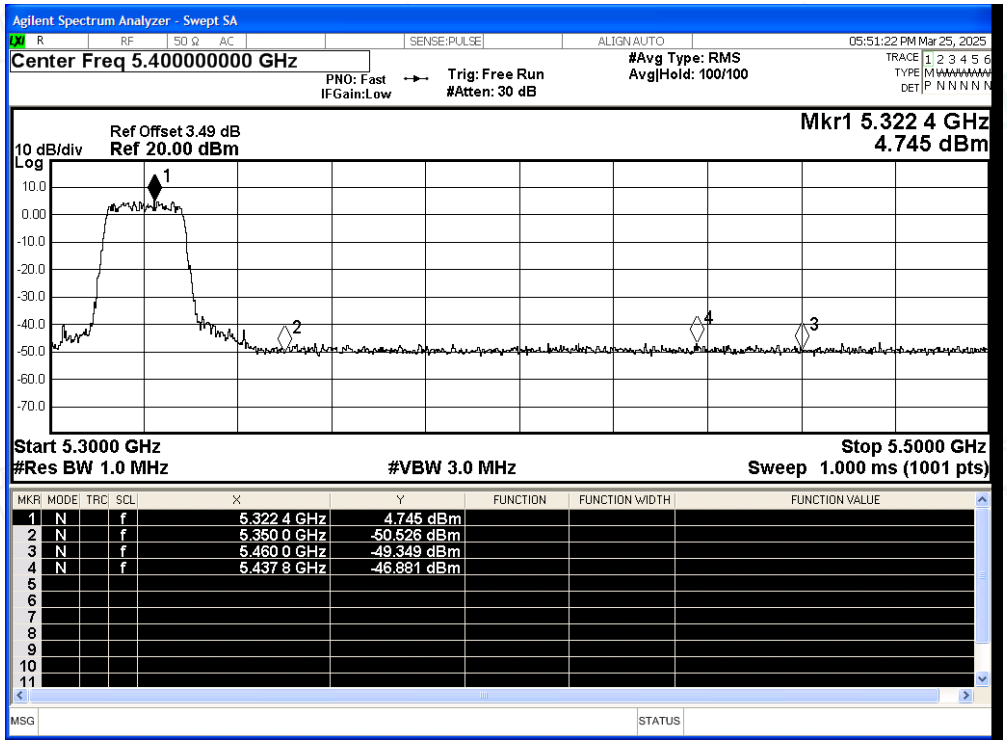
Restrict Band NVNT a 5260MHz Ant3 Peak



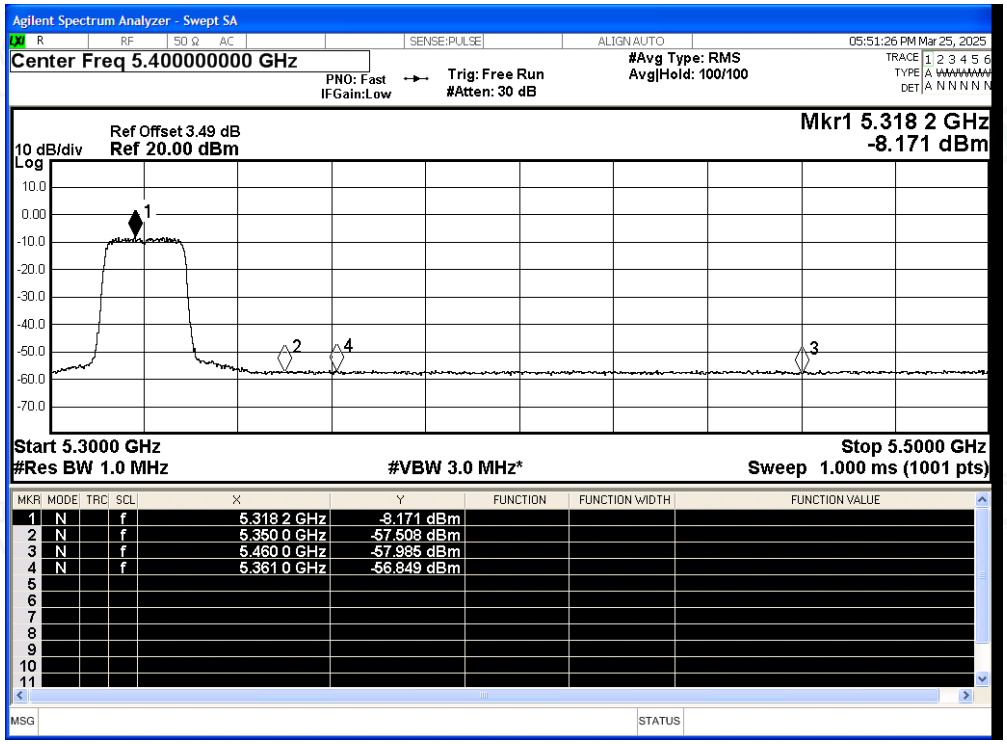
Restrict Band NVNT a 5260MHz Ant3 Average



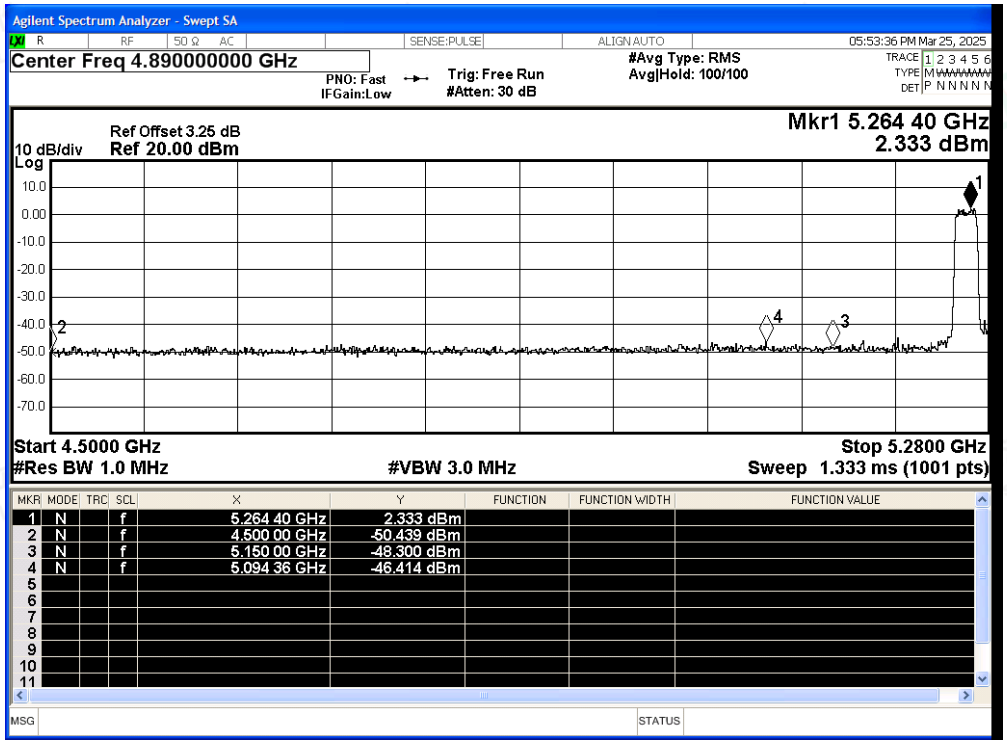
Restrict Band NVNT a 5320MHz Ant3 Peak



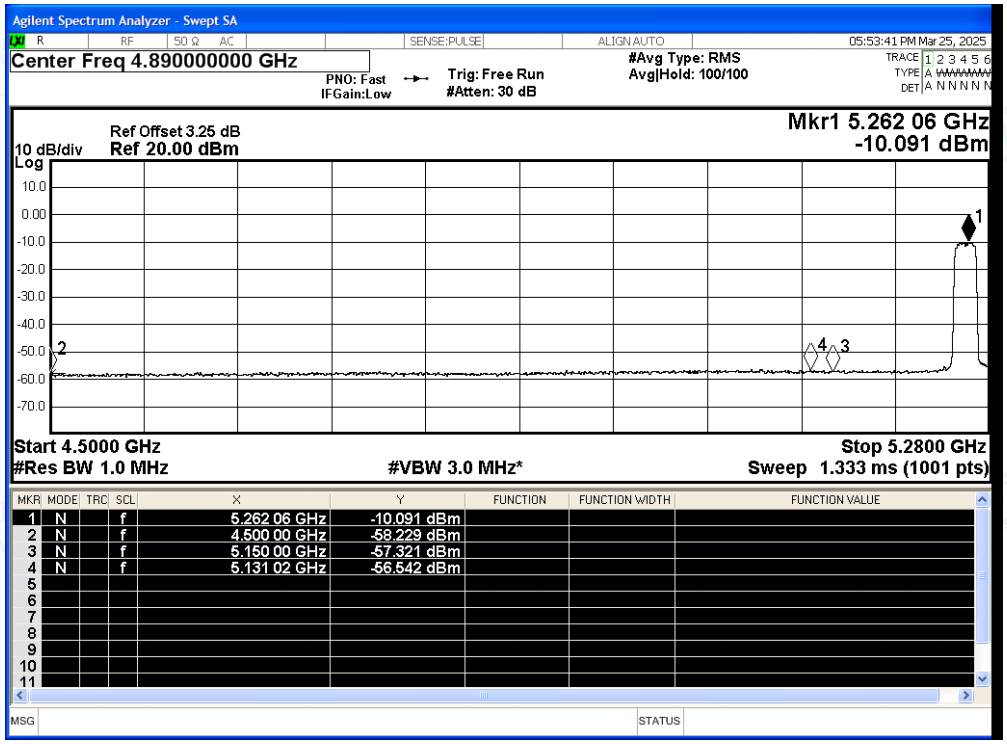
Restrict Band NVNT a 5320MHz Ant3 Average



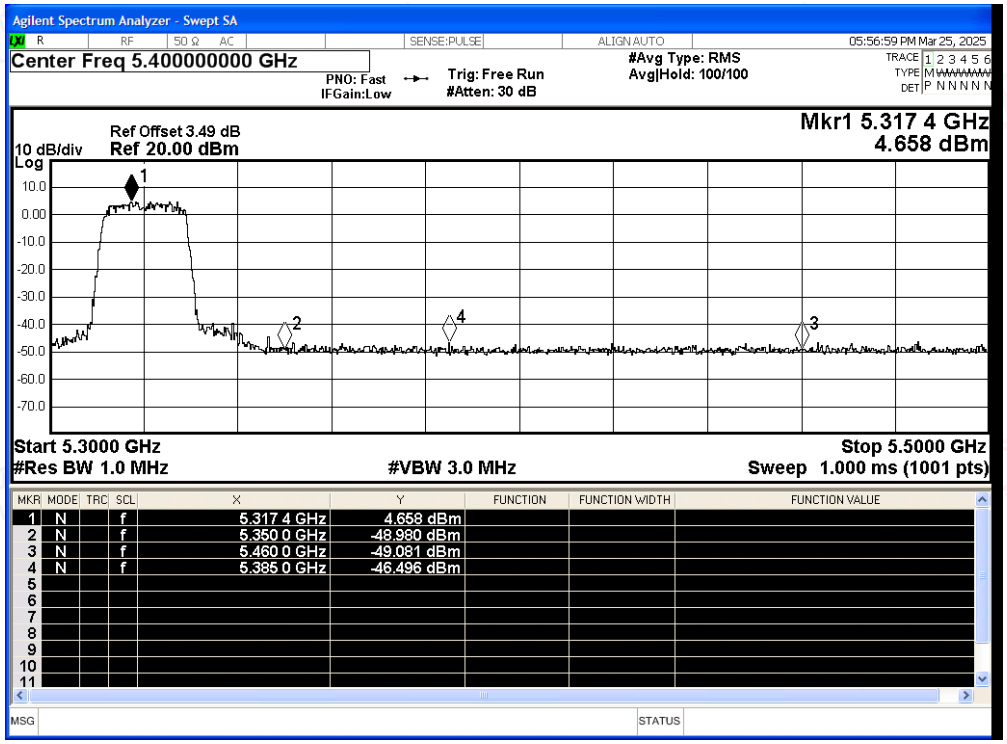
Restrict Band NVNT n20 5260MHz Ant3 Peak



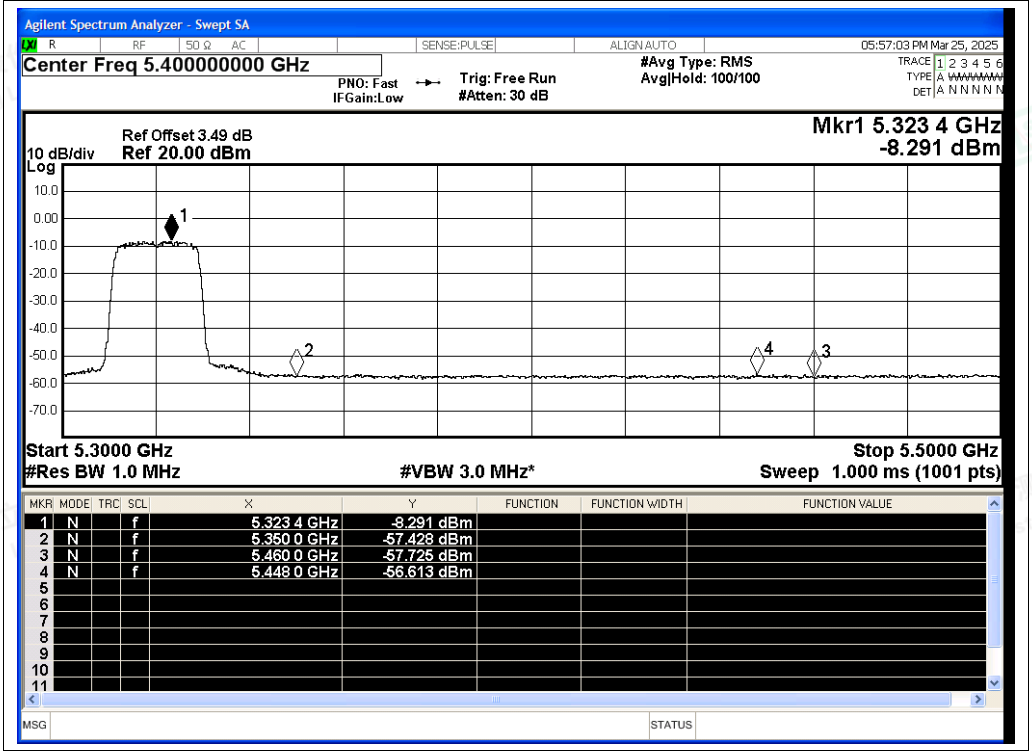
Restrict Band NVNT n20 5260MHz Ant3 Average



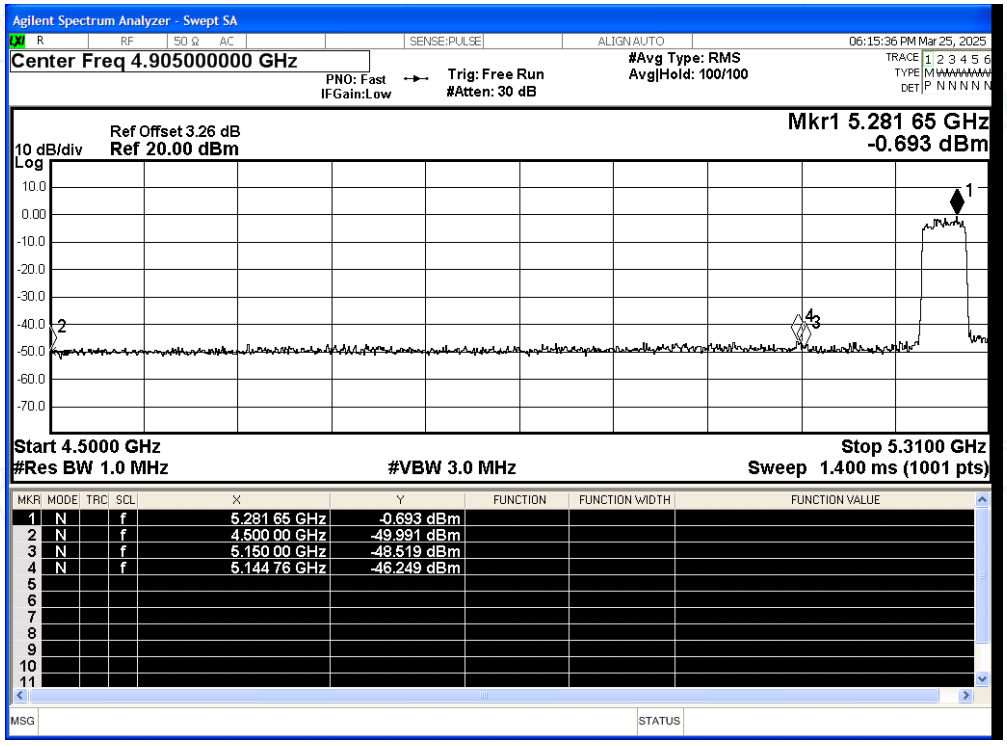
Restrict Band NVNT n20 5320MHz Ant3 Peak



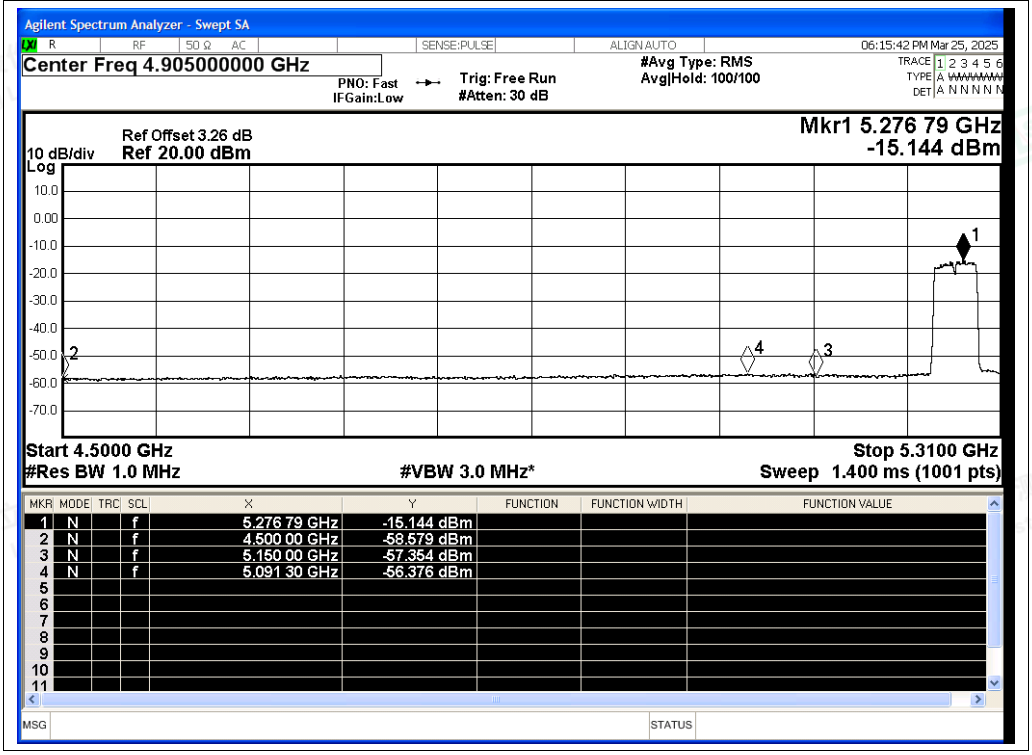
Restrict Band NVNT n20 5320MHz Ant3 Average



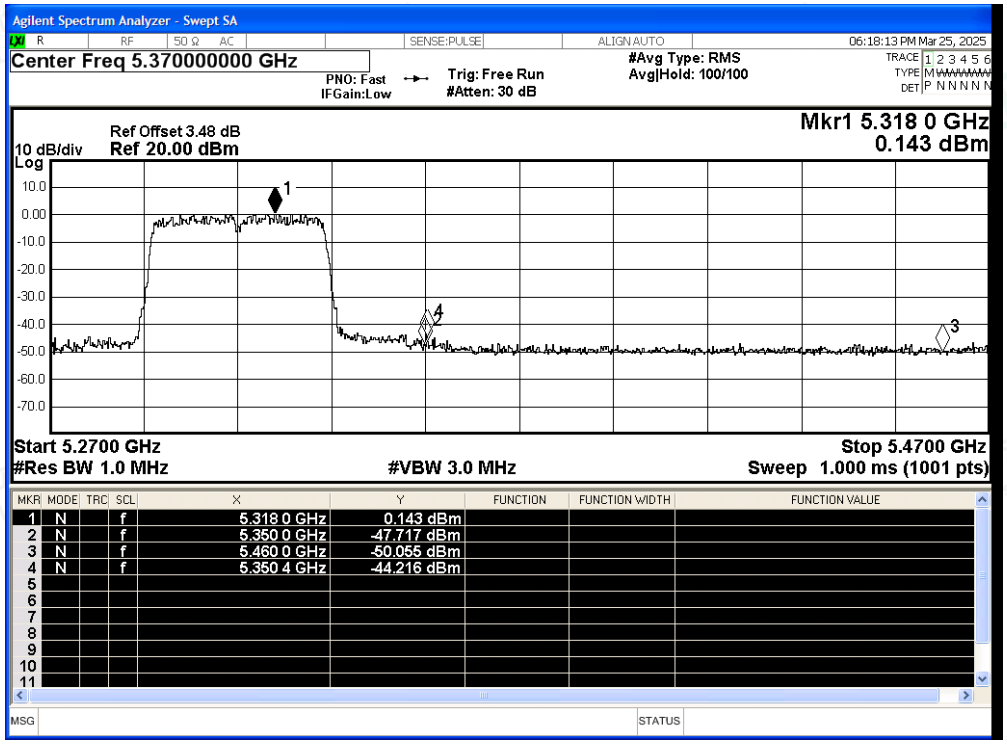
Restrict Band NVNT n40 5270MHz Ant3 Peak



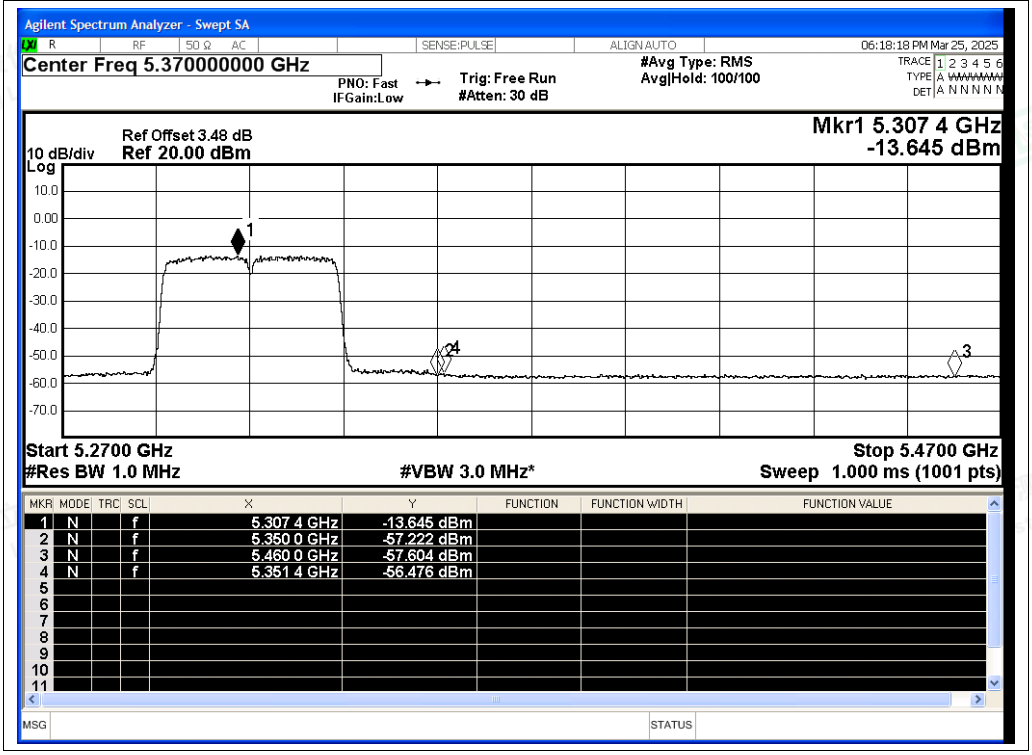
Restrict Band NVNT n40 5270MHz Ant3 Average



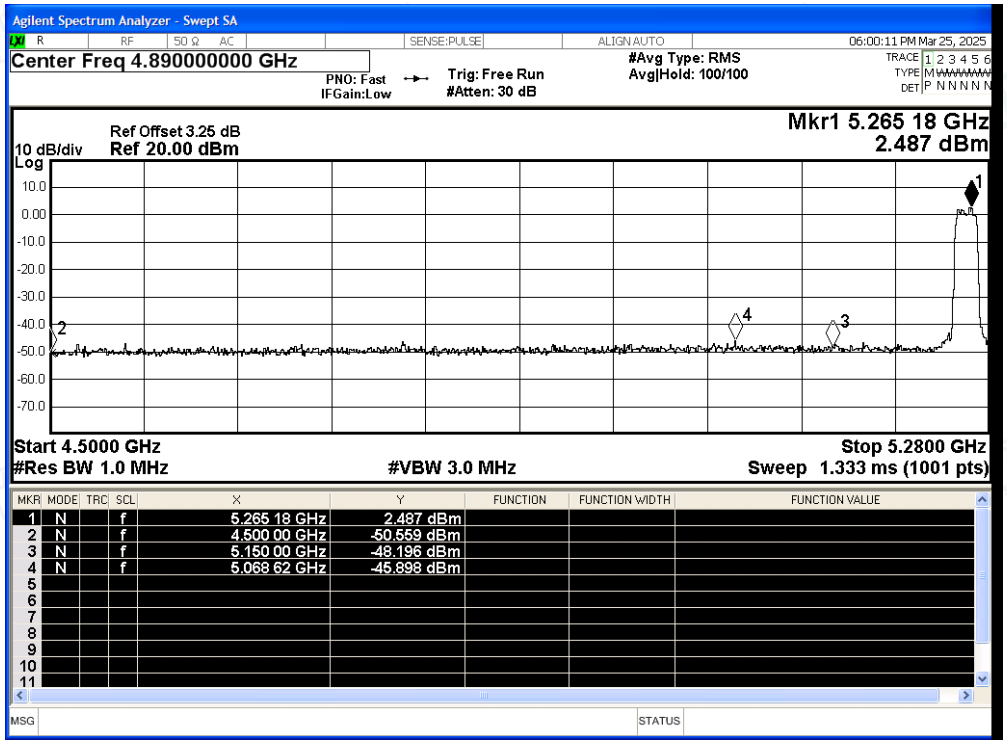
Restrict Band NVNT n40 5310MHz Ant3 Peak



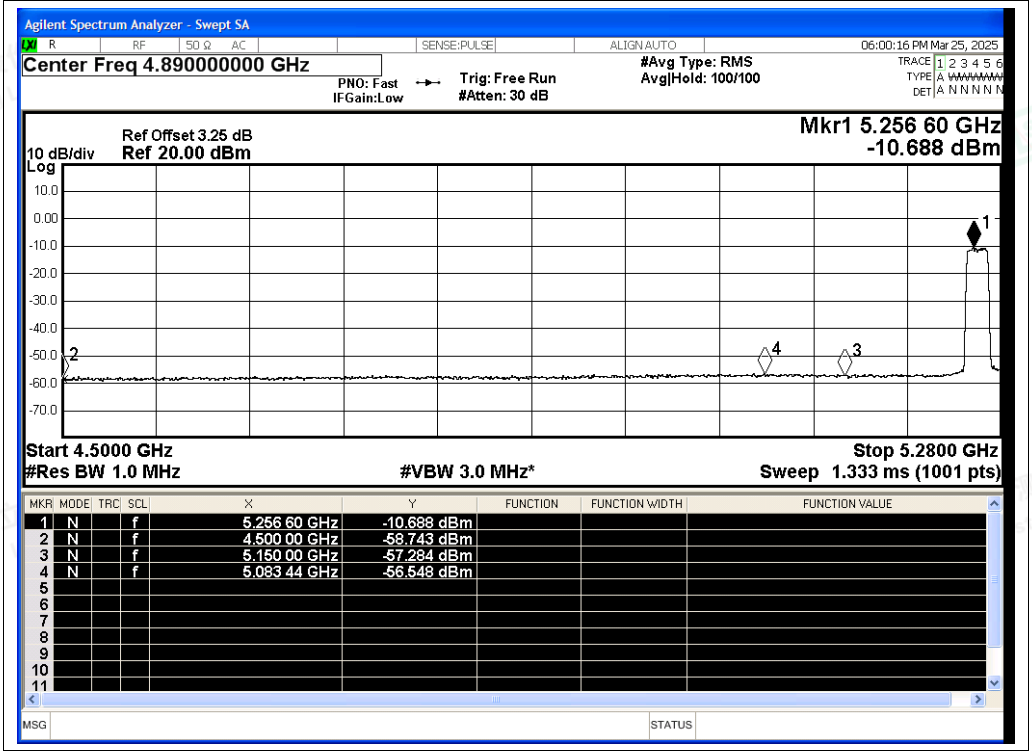
Restrict Band NVNT n40 5310MHz Ant3 Average



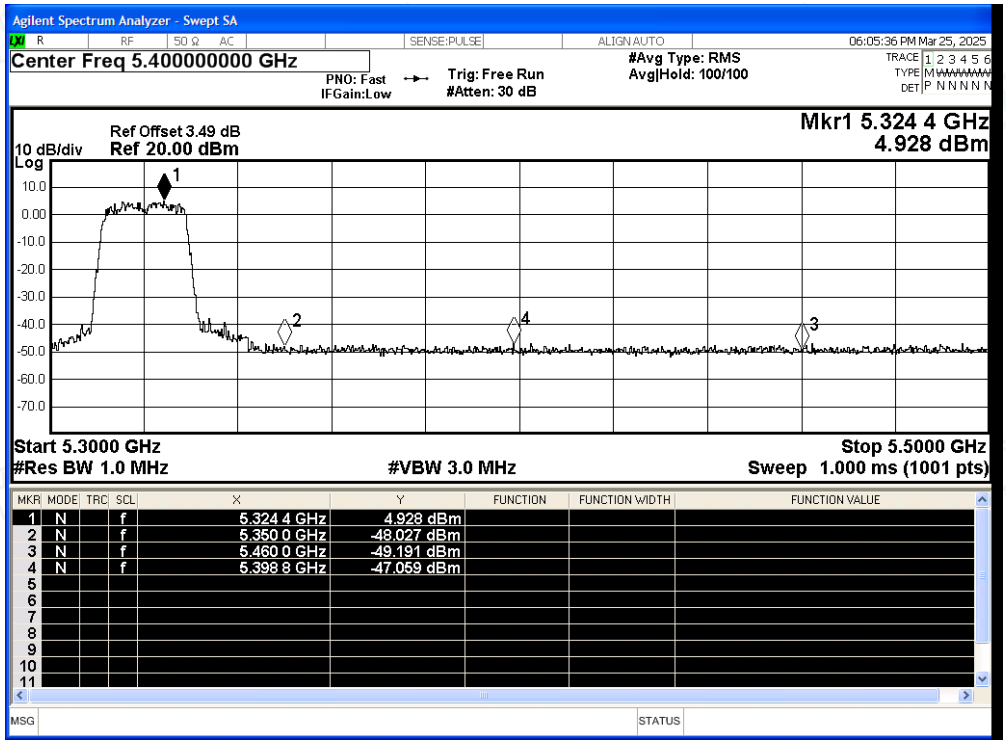
Restrict Band NVNT ac20 5260MHz Ant3 Peak



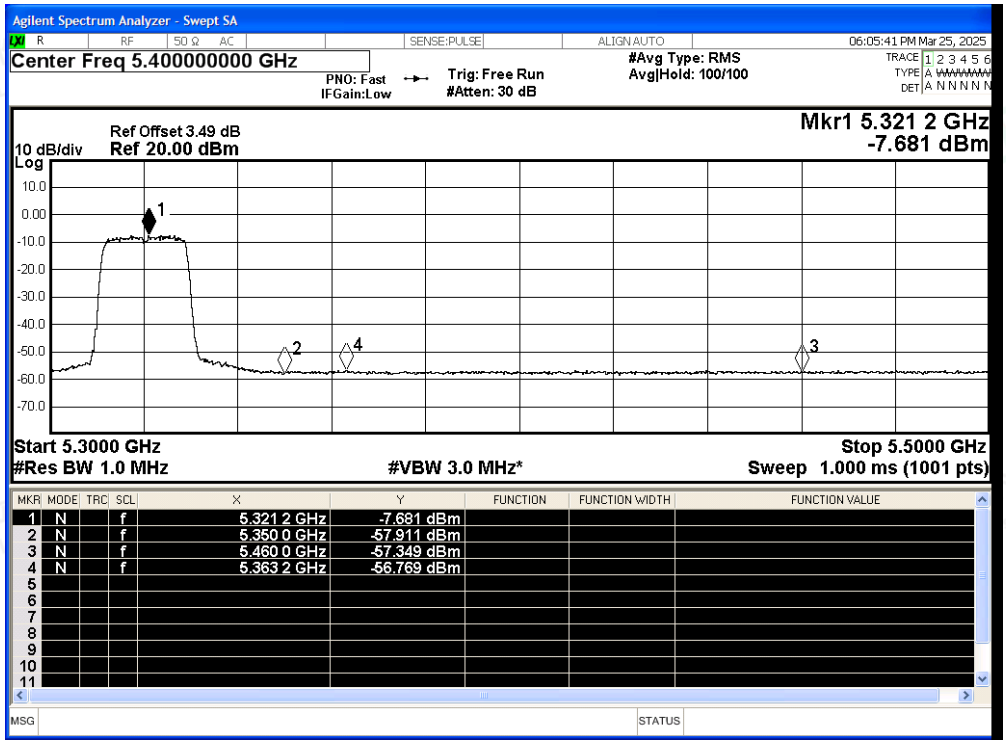
Restrict Band NVNT ac20 5260MHz Ant3 Average



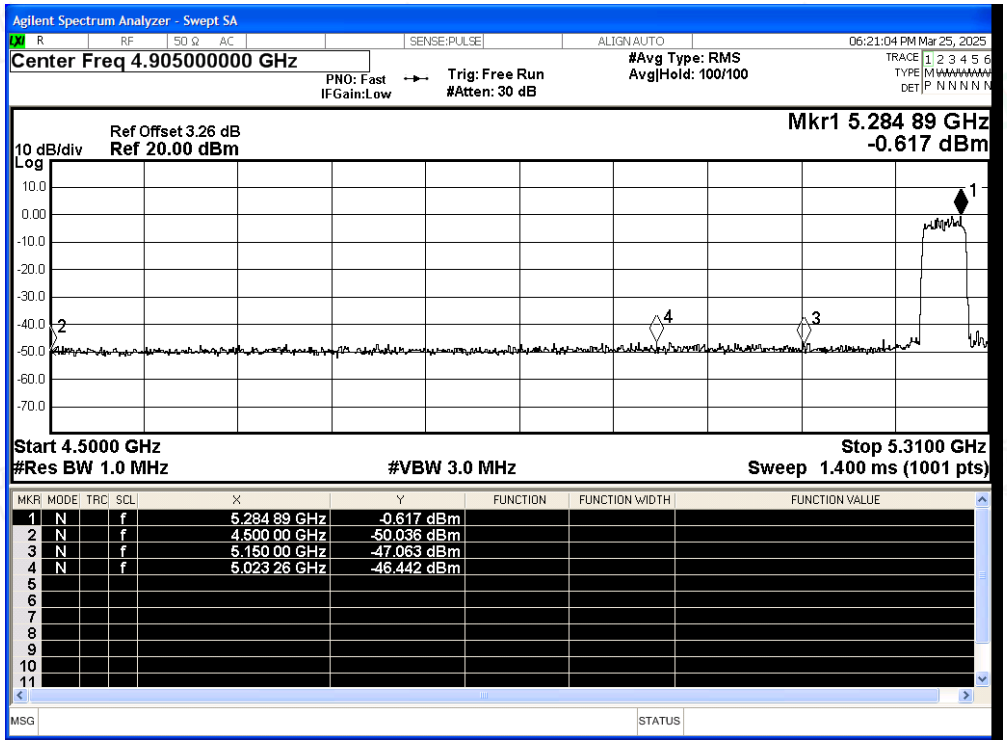
Restrict Band NVNT ac20 5320MHz Ant3 Peak



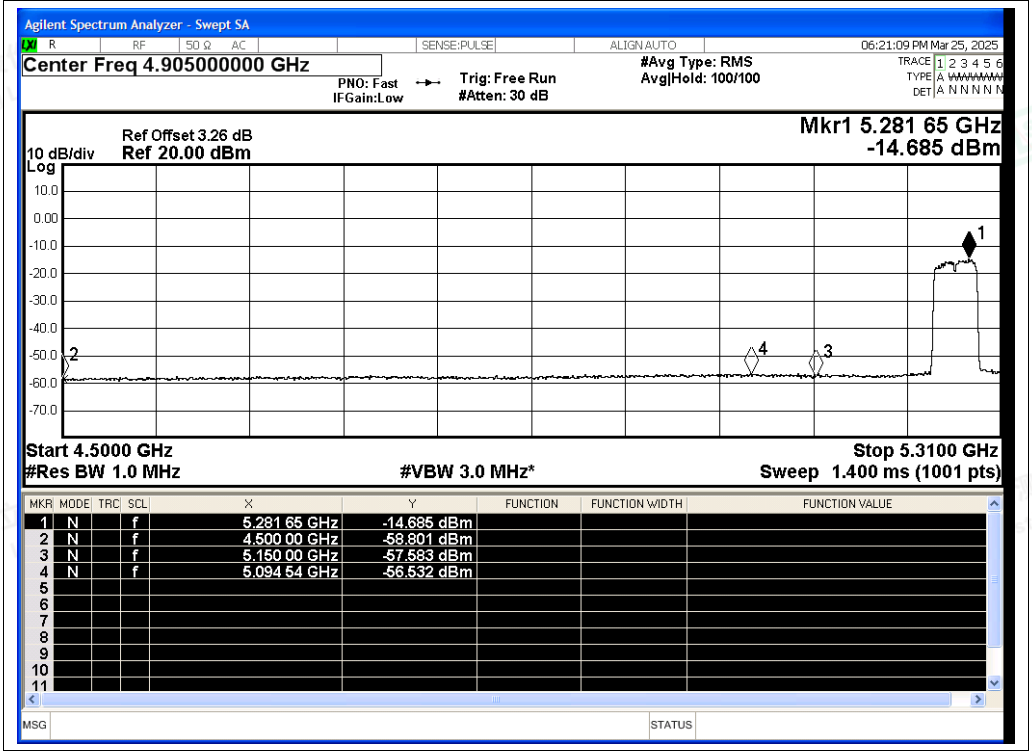
Restrict Band NVNT ac20 5320MHz Ant3 Average



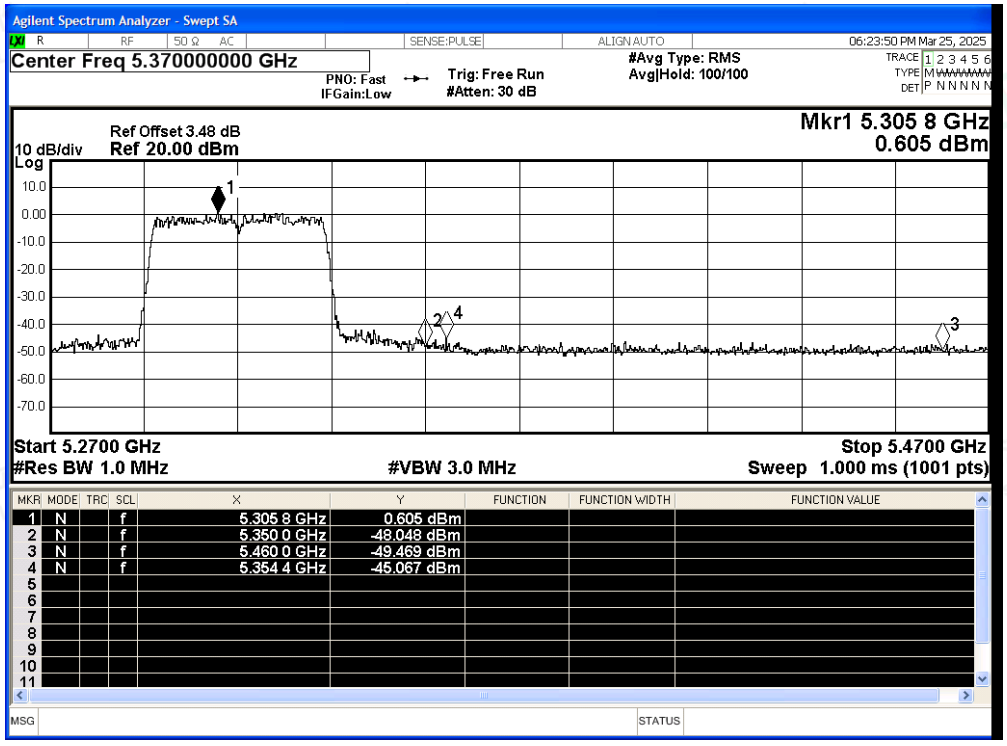
Restrict Band NVNT ac40 5270MHz Ant3 Peak



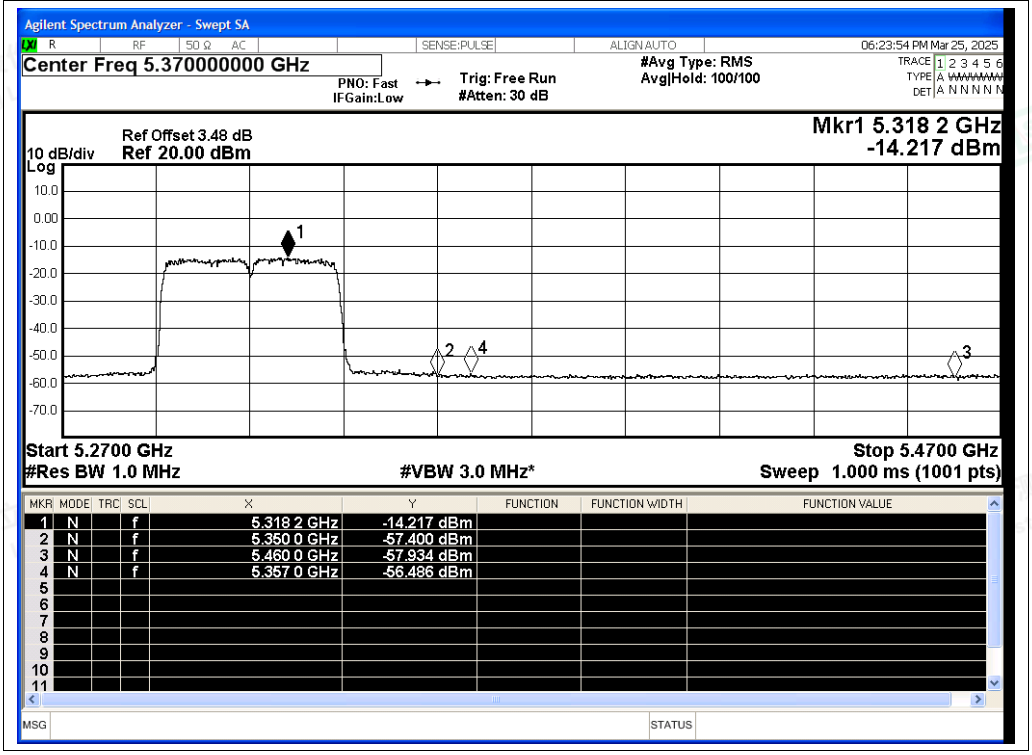
Restrict Band NVNT ac40 5270MHz Ant3 Average



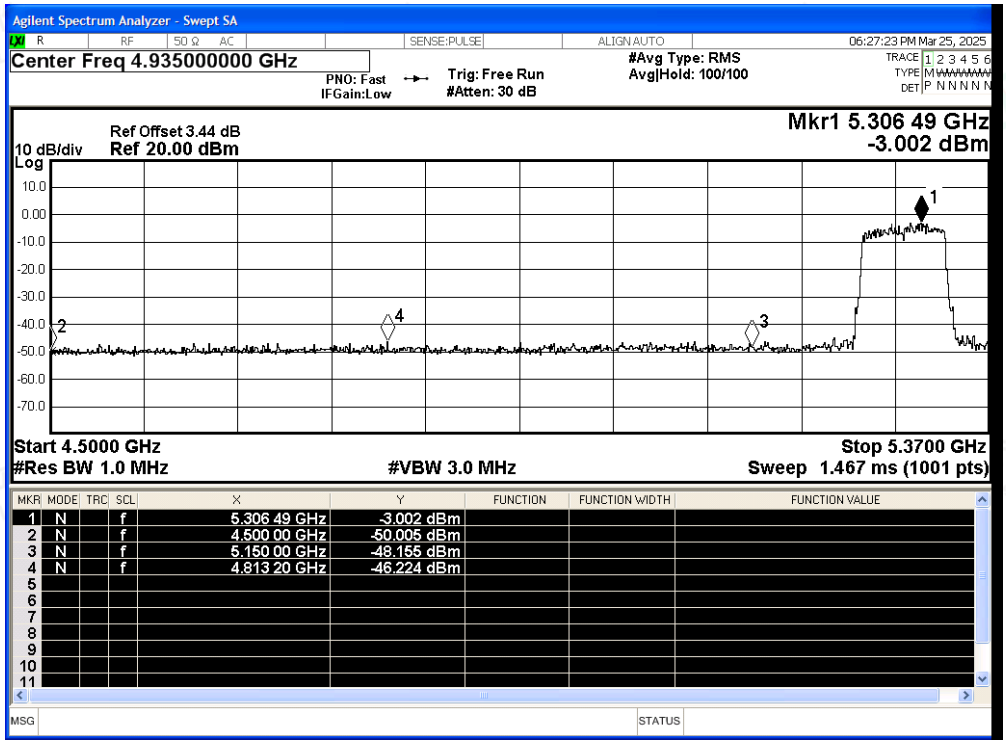
Restrict Band NVNT ac40 5310MHz Ant3 Peak



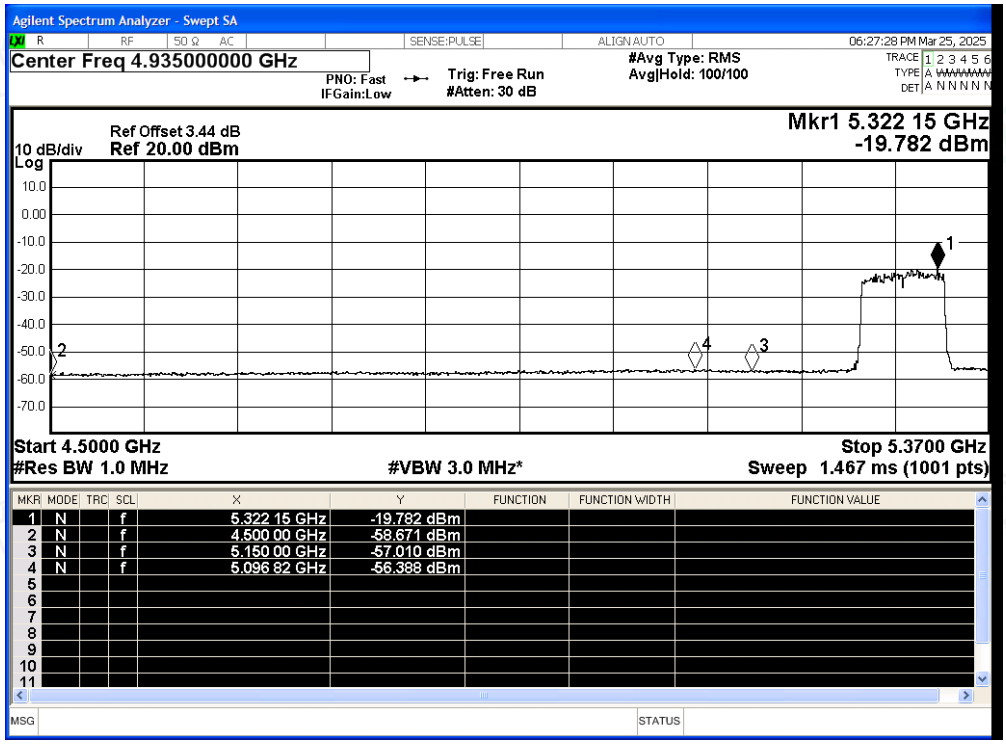
Restrict Band NVNT ac40 5310MHz Ant3 Average



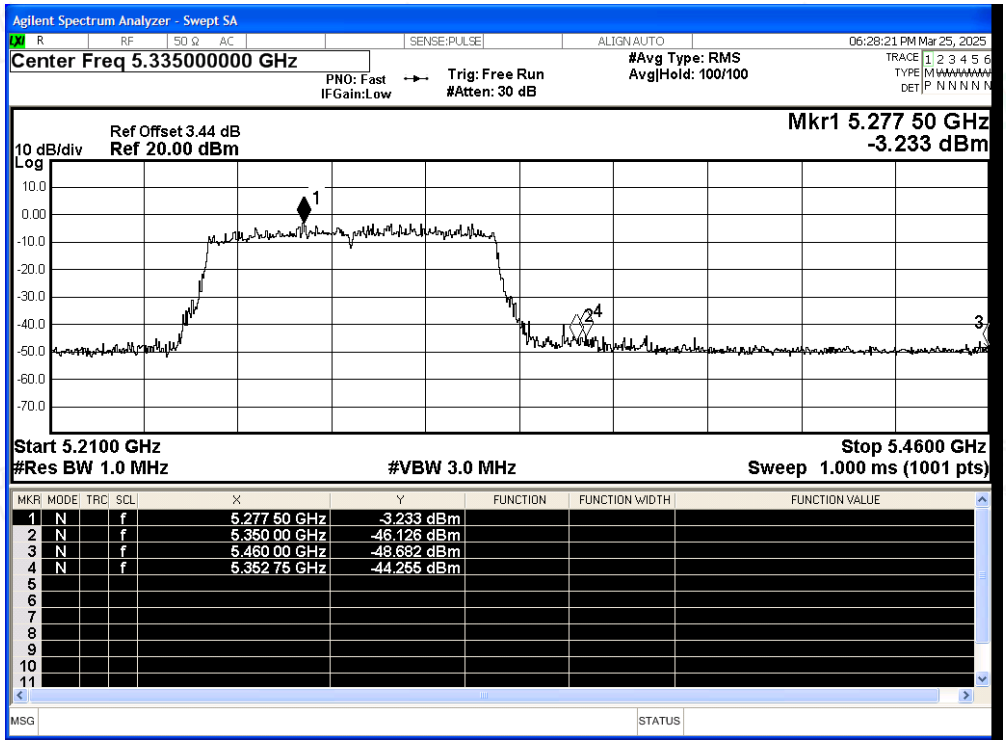
Restrict Band NVNT ac80 5290MHz Ant3 Peak



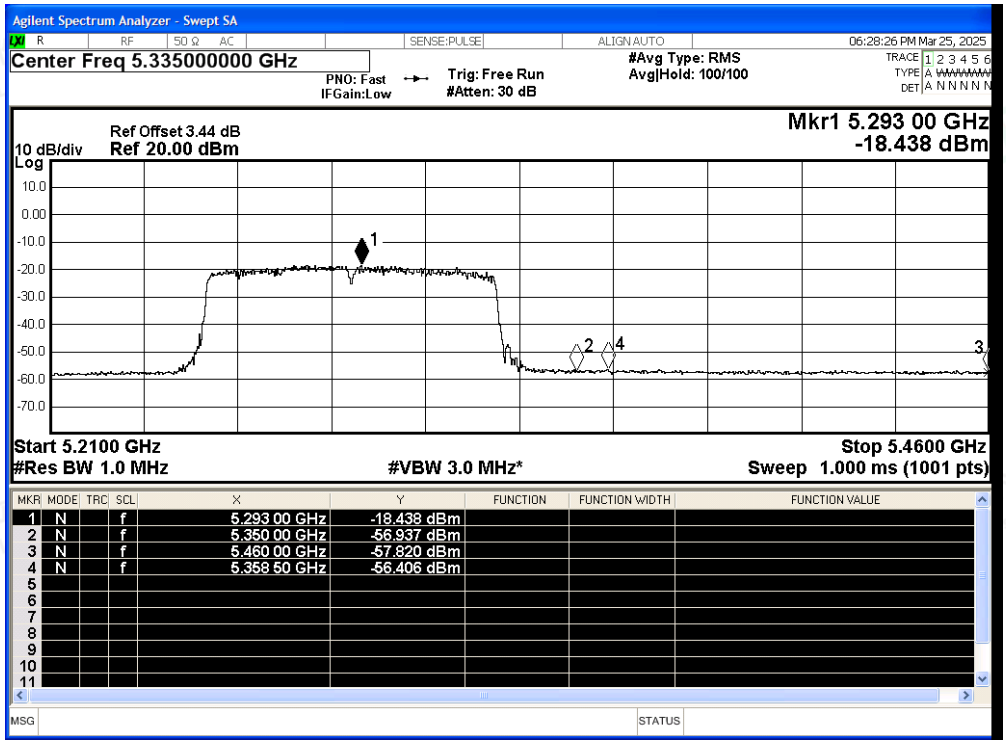
Restrict Band NVNT ac80 5290MHz Ant3 Average



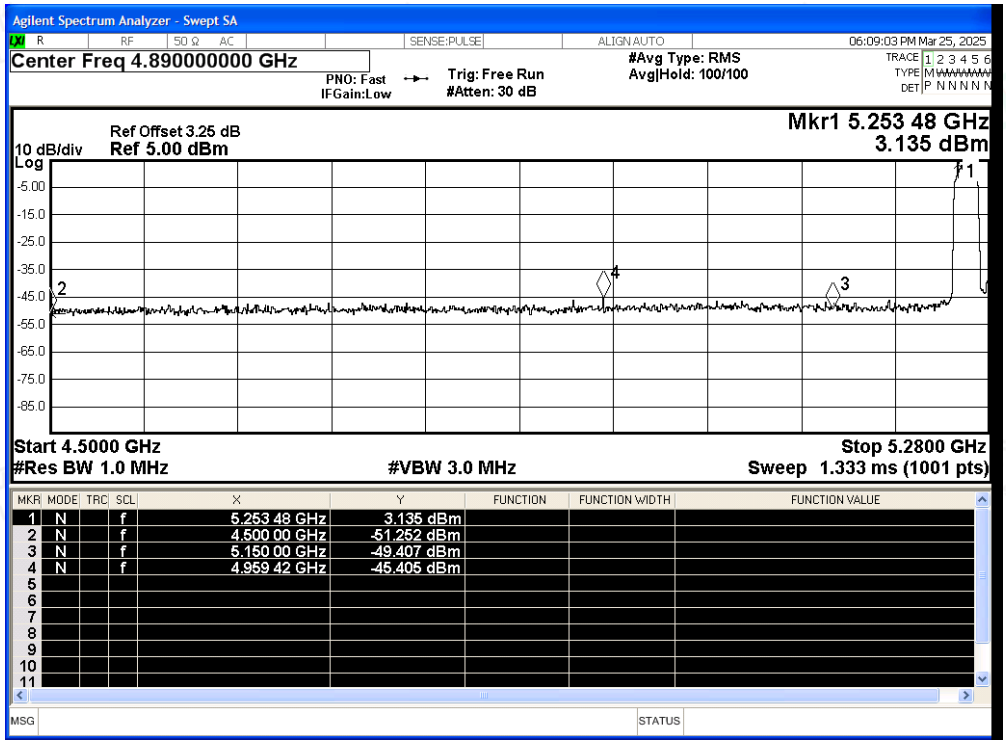
Restrict Band NVNT ac80 5290MHz Ant3 Peak



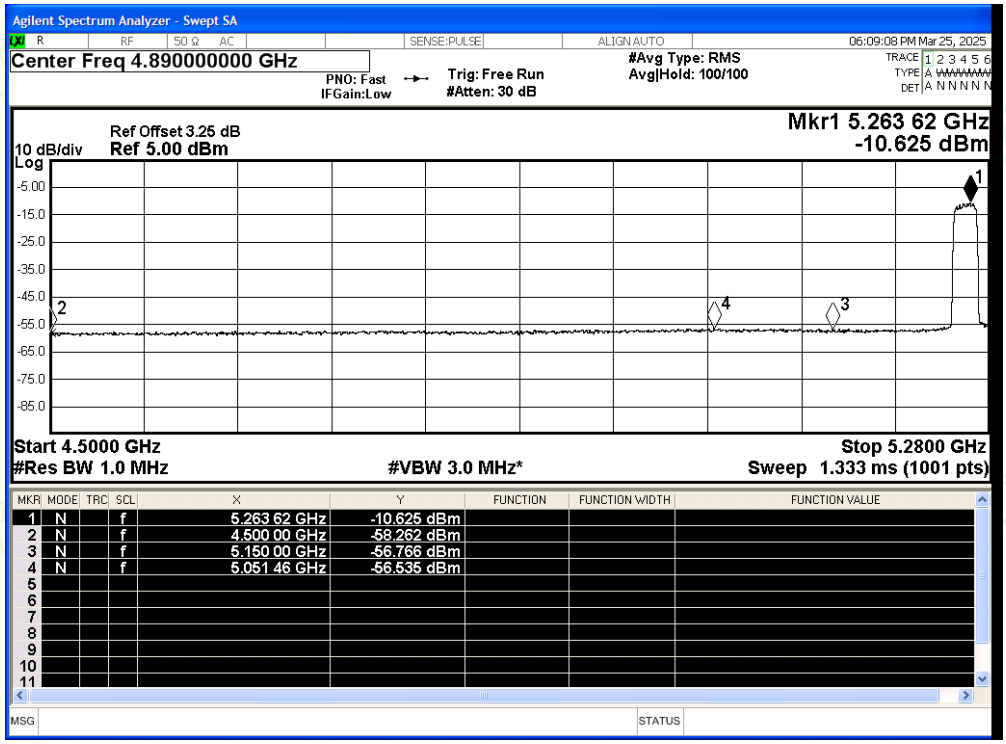
Restrict Band NVNT ac80 5290MHz Ant3 Average



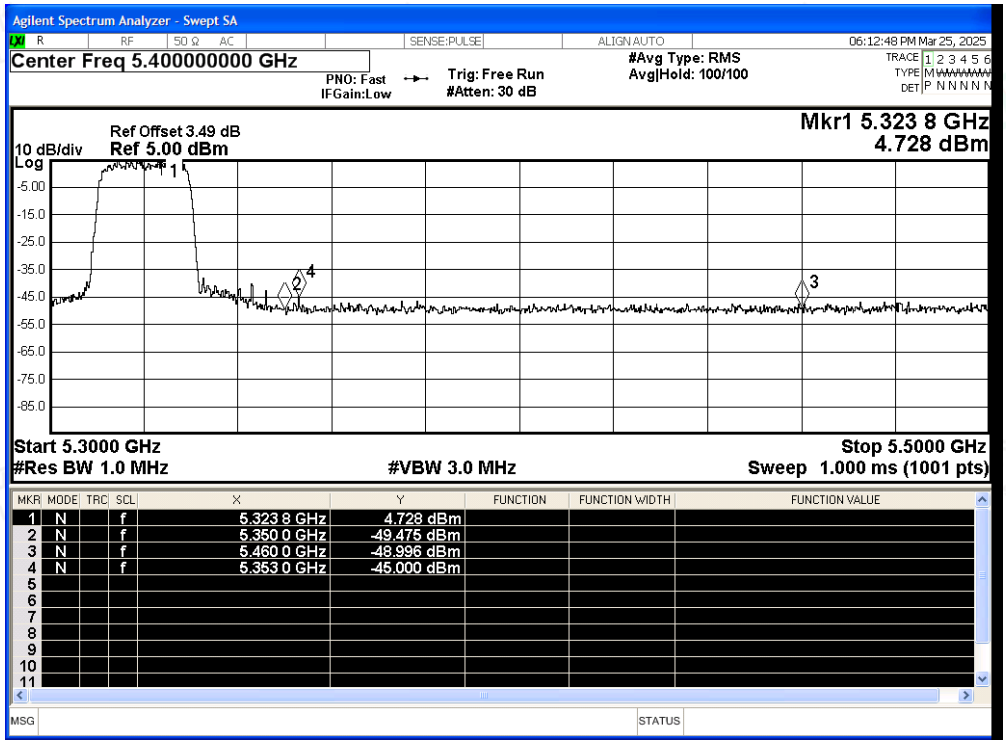
Restrict Band NVNT ax20 5260MHz Ant3 Peak



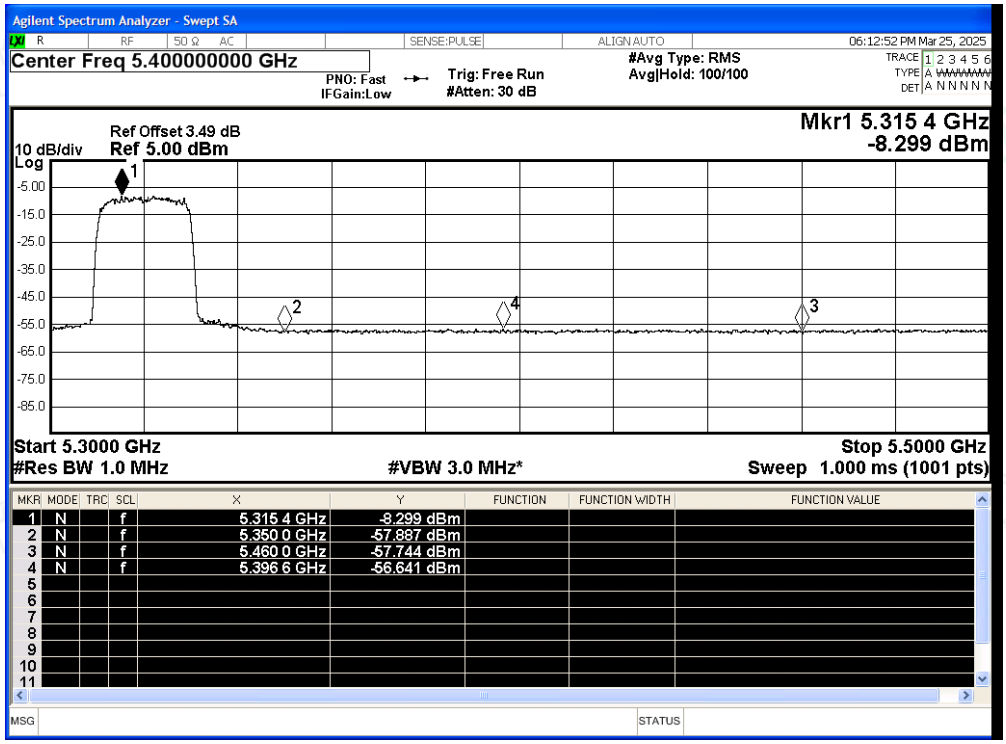
Restrict Band NVNT ax20 5260MHz Ant3 Average



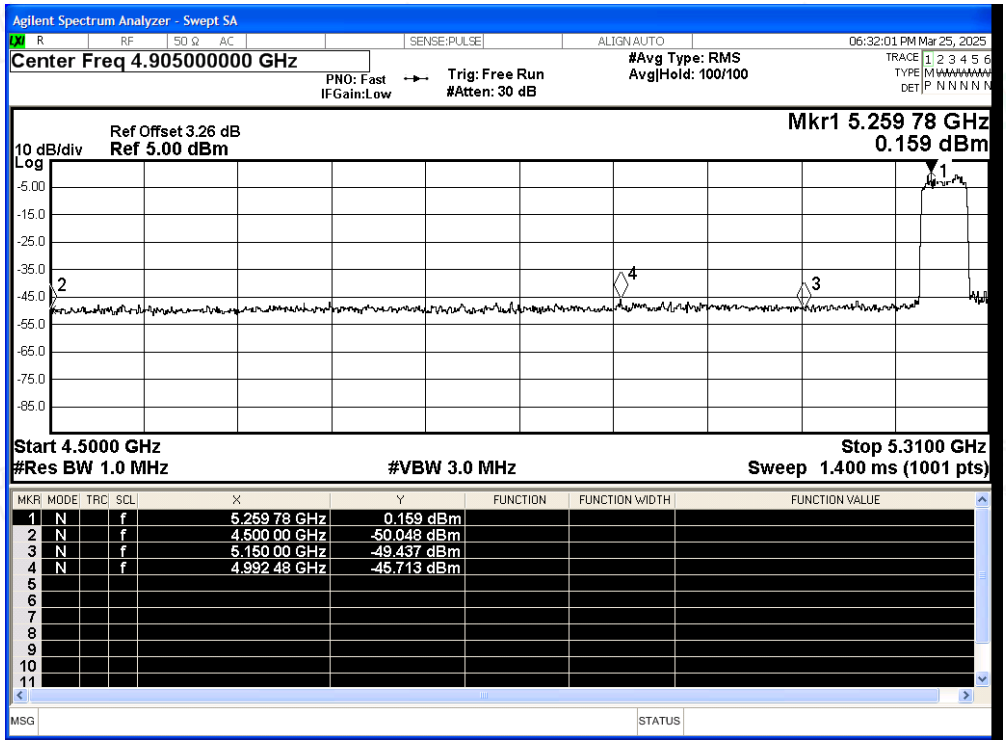
Restrict Band NVNT ax20 5320MHz Ant3 Peak



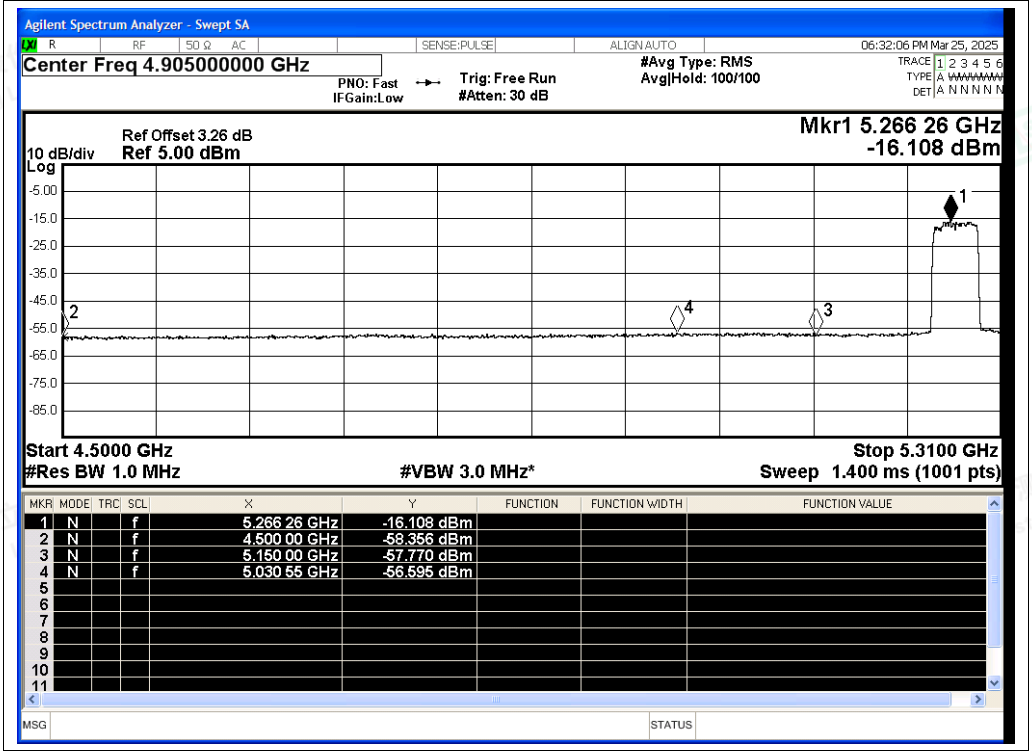
Restrict Band NVNT ax20 5320MHz Ant3 Average



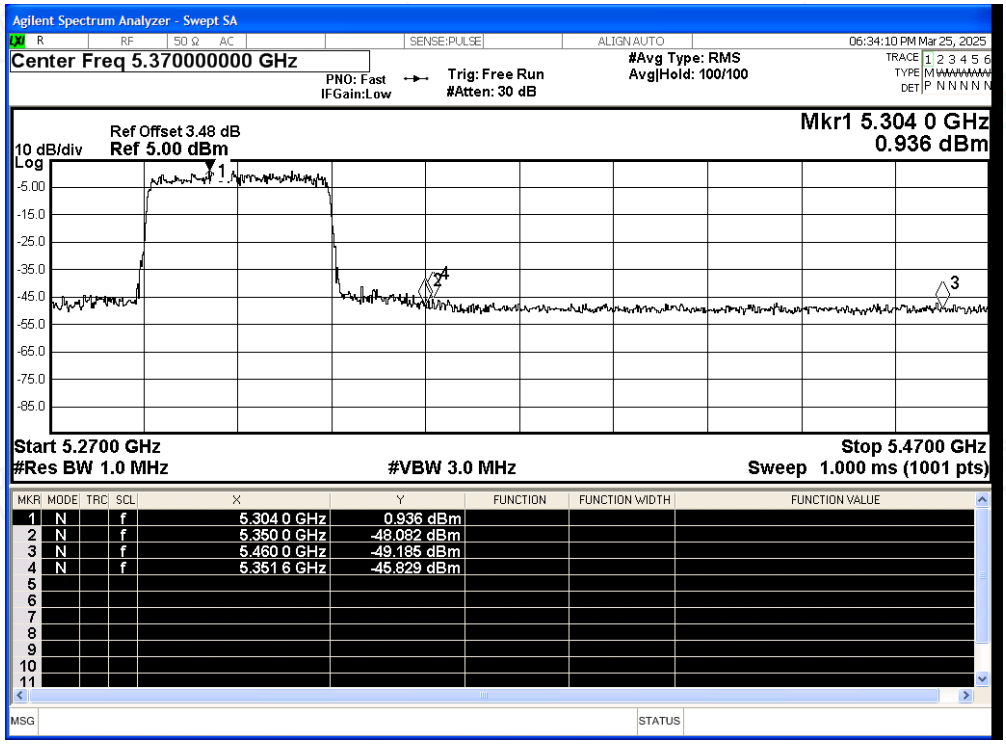
Restrict Band NVNT ax40 5270MHz Ant3 Peak



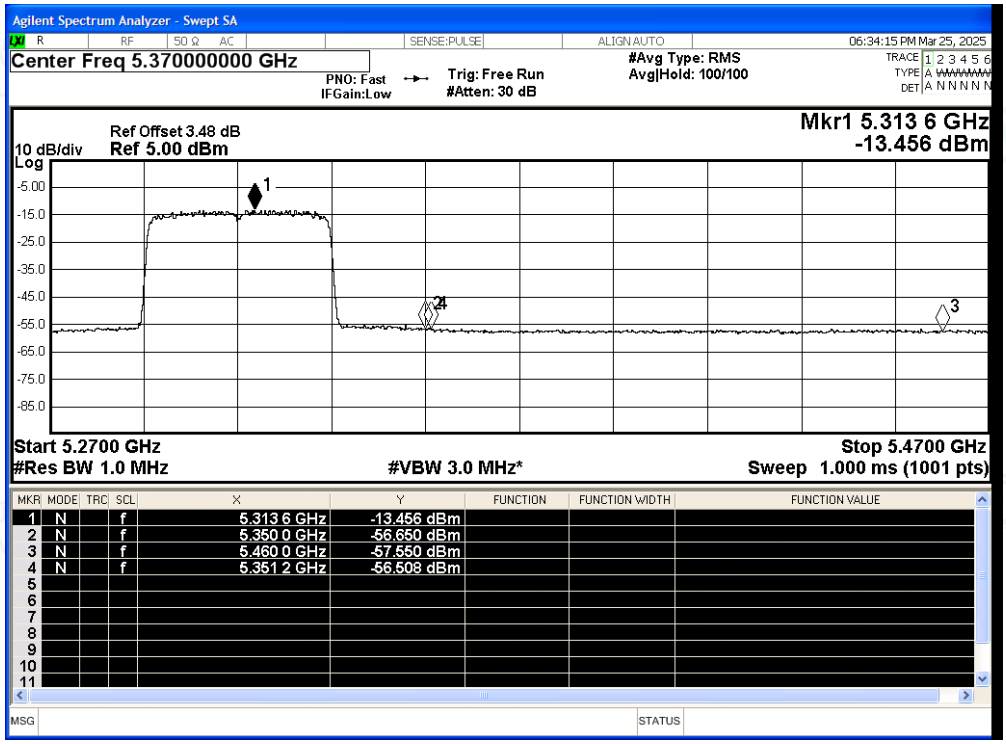
Restrict Band NVNT ax40 5270MHz Ant3 Average



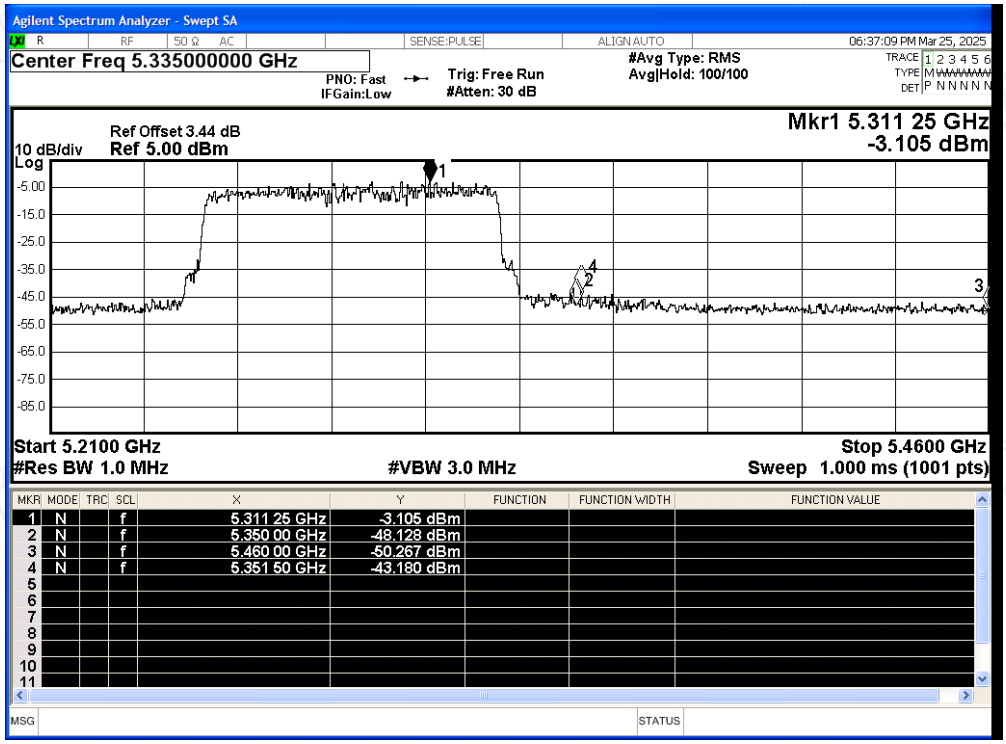
Restrict Band NVNT ax40 5310MHz Ant3 Peak



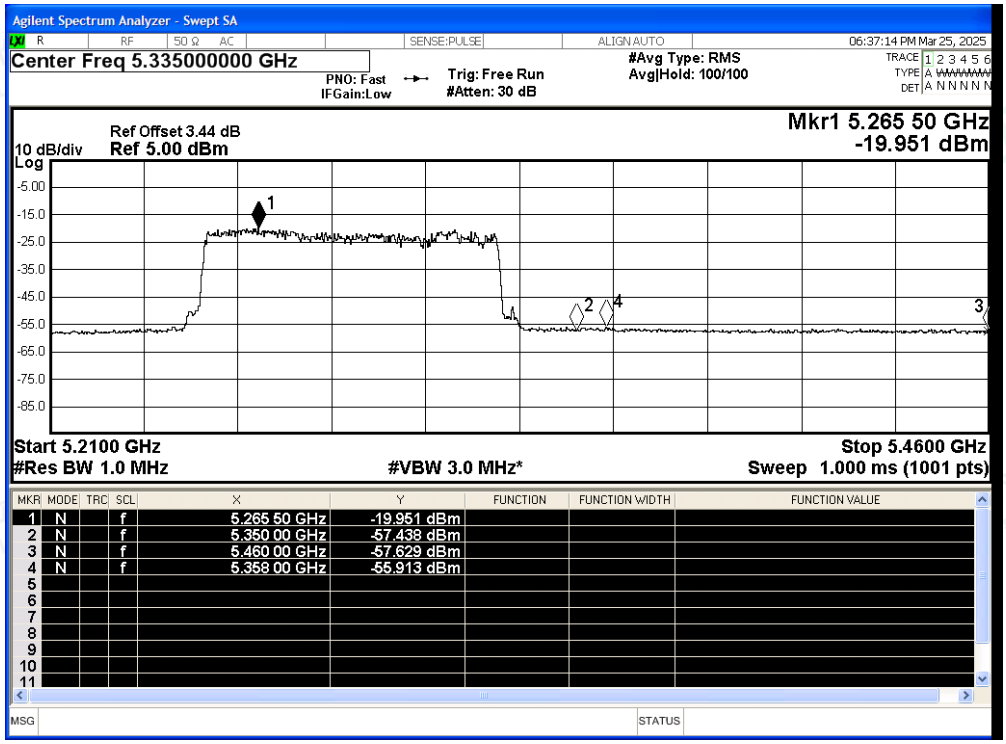
Restrict Band NVNT ax40 5310MHz Ant3 Average



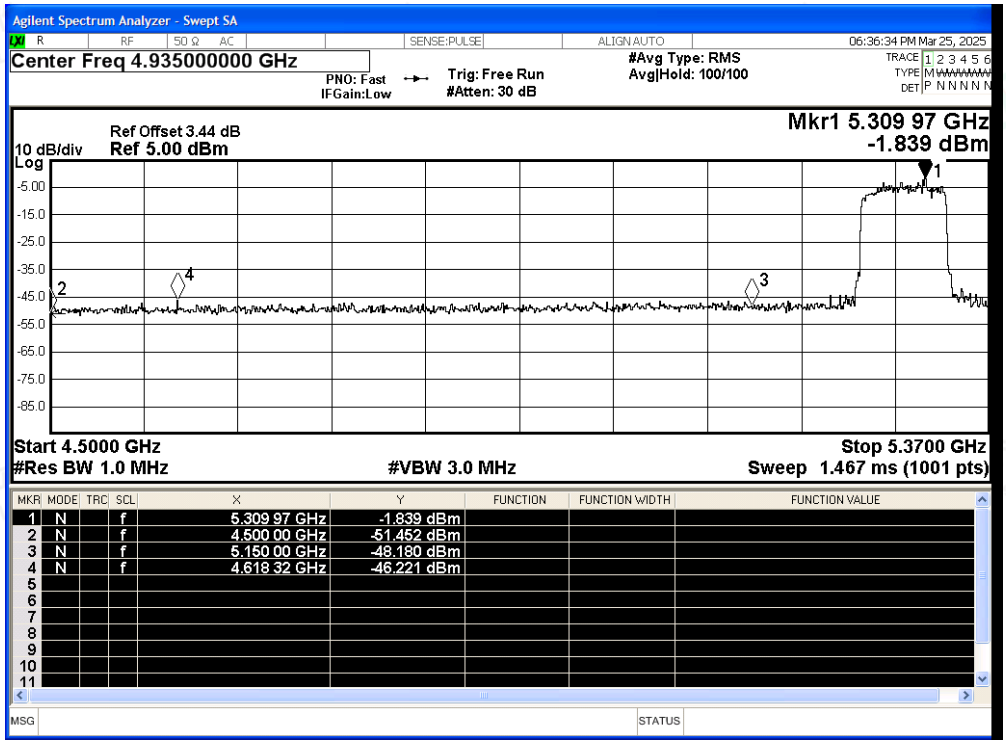
Restrict Band NVNT ax80 5290MHz Ant3 Peak



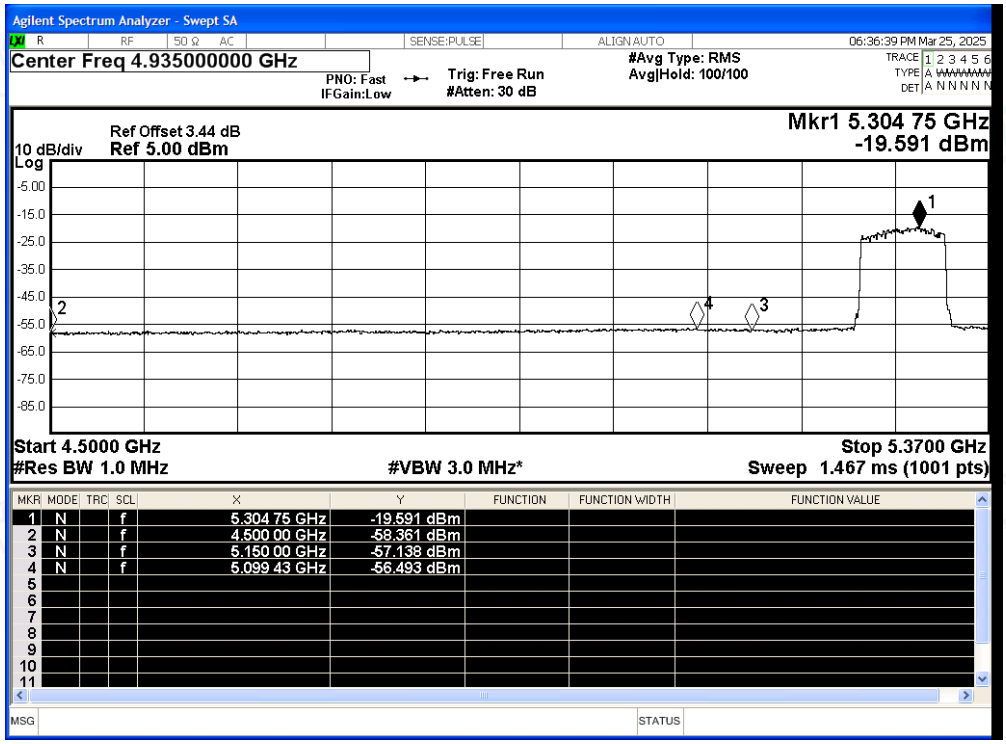
Restrict Band NVNT ax80 5290MHz Ant3 Average



Restrict Band NVNT ax80 5290MHz Ant3 Peak



Restrict Band NVNT ax80 5290MHz Ant3 Average



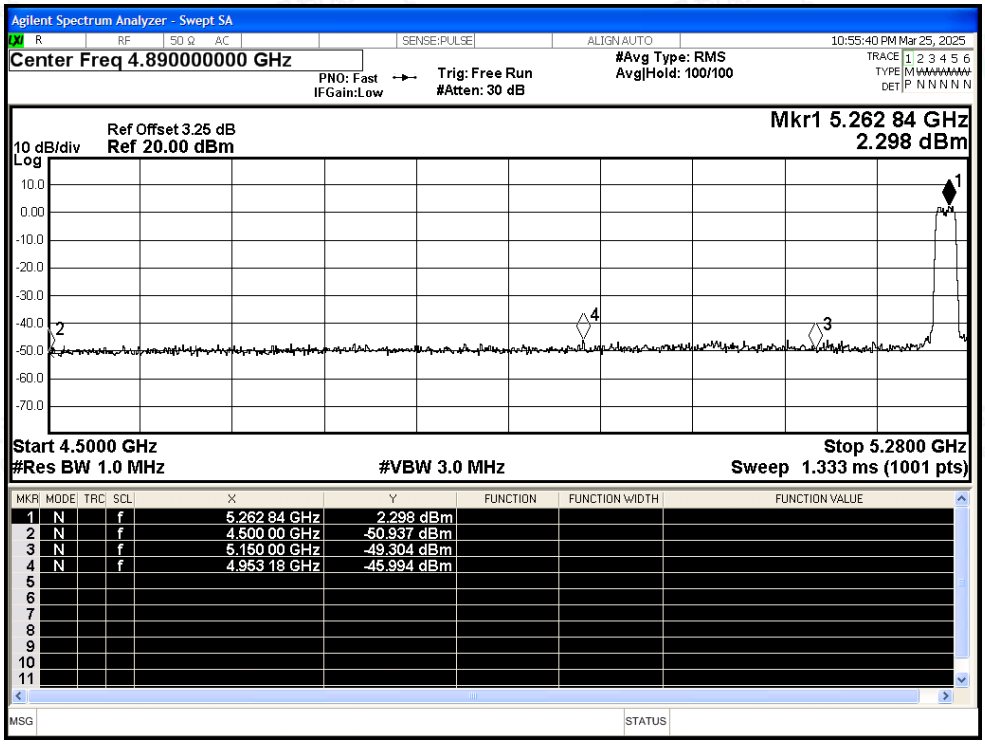
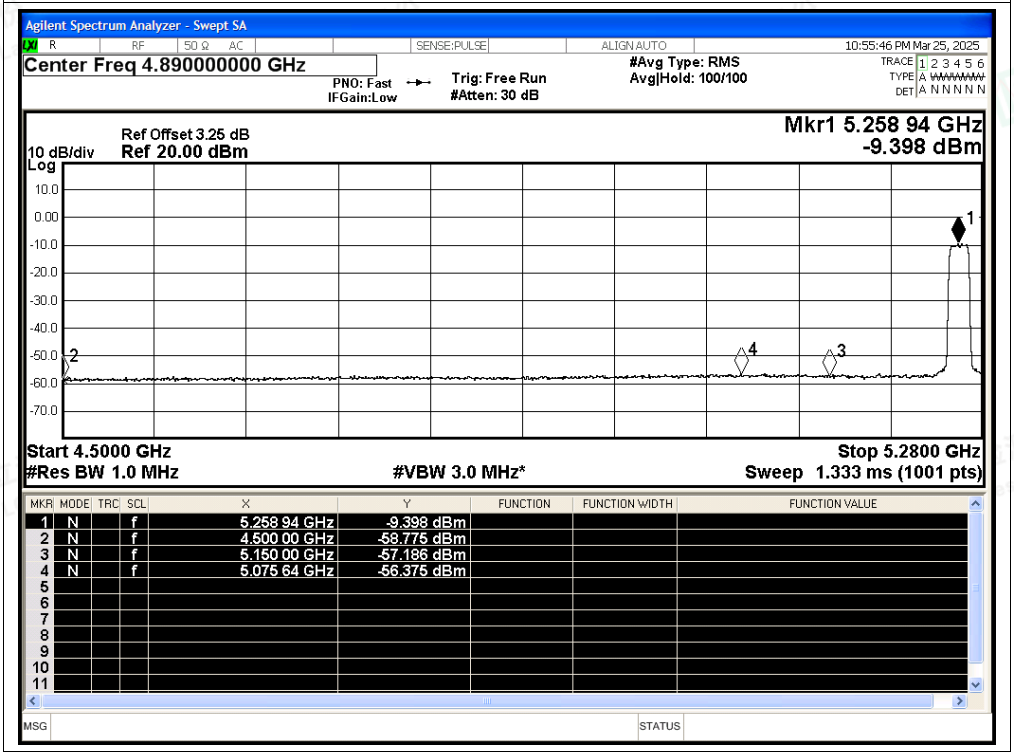
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	a	5260	Ant4	4500	-50.94	3.54	-	47.86	Peak	68.2	Pass
NVNT	a	5260	Ant4	4500	-58.78	3.54	4.53	44.55	Average	54	Pass
NVNT	a	5260	Ant4	4953.18	-45.99	3.54	-	52.81	Peak	68.2	Pass
NVNT	a	5260	Ant4	5075.64	-56.38	3.54	4.53	46.95	Average	54	Pass
NVNT	a	5260	Ant4	5150	-49.3	3.54	-	49.50	Peak	68.2	Pass
NVNT	a	5260	Ant4	5150	-57.19	3.54	4.53	46.14	Average	54	Pass
NVNT	a	5320	Ant4	5350	-50.73	3.54	-	48.07	Peak	68.2	Pass
NVNT	a	5320	Ant4	5350	-57.43	3.54	4.53	45.90	Average	54	Pass
NVNT	a	5320	Ant4	5455.6	-46.61	3.54	-	52.19	Peak	68.2	Pass
NVNT	a	5320	Ant4	5362.2	-56.57	3.54	4.53	46.76	Average	54	Pass
NVNT	a	5320	Ant4	5460	-49.08	3.54	-	49.72	Peak	68.2	Pass
NVNT	a	5320	Ant4	5460	-57.59	3.54	4.53	45.74	Average	54	Pass
NVNT	n20	5260	Ant4	4500	-50.86	3.54	-	47.94	Peak	68.2	Pass
NVNT	n20	5260	Ant4	4500	-58.62	3.54	5.02	45.20	Average	54	Pass
NVNT	n20	5260	Ant4	5083.44	-46.3	3.54	-	52.50	Peak	68.2	Pass
NVNT	n20	5260	Ant4	5051.46	-56.65	3.54	5.02	47.17	Average	54	Pass
NVNT	n20	5260	Ant4	5150	-49.46	3.54	-	49.34	Peak	68.2	Pass
NVNT	n20	5260	Ant4	5150	-56.94	3.54	5.02	46.88	Average	54	Pass
NVNT	n20	5320	Ant4	5350	-48.59	3.54	-	50.21	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5350	-57.43	3.54	5.03	46.40	Average	54	Pass
NVNT	n20	5320	Ant4	5373.8	-46.68	3.54	-	52.12	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5363.8	-56.8	3.54	5.03	47.03	Average	54	Pass
NVNT	n20	5320	Ant4	5460	-49.17	3.54	-	49.63	Peak	68.2	Pass
NVNT	n20	5320	Ant4	5460	-57.96	3.54	5.03	45.87	Average	54	Pass
NVNT	n40	5270	Ant4	4500	-51.12	3.54	-	47.68	Peak	68.2	Pass
NVNT	n40	5270	Ant4	4500	-58.98	3.54	7.3	47.12	Average	54	Pass
NVNT	n40	5270	Ant4	5125.32	-46.39	3.54	-	52.41	Peak	68.2	Pass
NVNT	n40	5270	Ant4	5075.91	-56.52	3.54	7.3	49.58	Average	54	Pass
NVNT	n40	5270	Ant4	5150	-49.59	3.54	-	49.21	Peak	68.2	Pass
NVNT	n40	5270	Ant4	5150	-57.3	3.54	7.3	48.80	Average	54	Pass
NVNT	n40	5310	Ant4	5350	-48.75	3.54	-	50.05	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5350	-57.8	3.54	7.3	48.30	Average	54	Pass
NVNT	n40	5310	Ant4	5351.2	-45.48	3.54	-	53.32	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5361	-56.84	3.54	7.3	49.26	Average	54	Pass
NVNT	n40	5310	Ant4	5460	-50.25	3.54	-	48.55	Peak	68.2	Pass
NVNT	n40	5310	Ant4	5460	-57.66	3.54	7.3	48.44	Average	54	Pass
NVNT	ac20	5260	Ant4	4500	-50.18	3.54	-	48.62	Peak	68.2	Pass
NVNT	ac20	5260	Ant4	4500	-58.72	3.54	5.01	45.09	Average	54	Pass

NVNT	ac20	5260	Ant4	5032.74	-46.31	3.54	-	52.49	Peak	68.2	Pass
NVNT	ac20	5260	Ant4	5071.74	-56.55	3.54	5.01	47.26	Average	54	Pass
NVNT	ac20	5260	Ant4	5150	-48.34	3.54	-	50.46	Peak	68.2	Pass
NVNT	ac20	5260	Ant4	5150	-57.73	3.54	5.01	46.08	Average	54	Pass
NVNT	ac20	5320	Ant4	5350	-50.87	3.54	-	47.93	Peak	68.2	Pass
NVNT	ac20	5320	Ant4	5350	-57.85	3.54	5.01	45.96	Average	54	Pass
NVNT	ac20	5320	Ant4	5394.8	-46.67	3.54	-	52.13	Peak	68.2	Pass
NVNT	ac20	5320	Ant4	5361.8	-56.9	3.54	5.01	46.91	Average	54	Pass
NVNT	ac20	5320	Ant4	5460	-49.18	3.54	-	49.62	Peak	68.2	Pass
NVNT	ac20	5320	Ant4	5460	-57.56	3.54	5.01	46.25	Average	54	Pass
NVNT	ac40	5270	Ant4	4500	-49.6	3.54	-	49.20	Peak	68.2	Pass
NVNT	ac40	5270	Ant4	4500	-58.96	3.54	7.28	47.12	Average	54	Pass
NVNT	ac40	5270	Ant4	5113.98	-46.28	3.54	-	52.52	Peak	68.2	Pass
NVNT	ac40	5270	Ant4	5058.09	-56.68	3.54	7.28	49.40	Average	54	Pass
NVNT	ac40	5270	Ant4	5150	-49.47	3.54	-	49.33	Peak	68.2	Pass
NVNT	ac40	5270	Ant4	5150	-56.8	3.54	7.28	49.28	Average	54	Pass
NVNT	ac40	5310	Ant4	5350	-49.7	3.54	-	49.10	Peak	68.2	Pass
NVNT	ac40	5310	Ant4	5350	-57.82	3.54	7.28	48.26	Average	54	Pass
NVNT	ac40	5310	Ant4	5397	-46.89	3.54	-	51.91	Peak	68.2	Pass
NVNT	ac40	5310	Ant4	5362.4	-56.65	3.54	7.28	49.43	Average	54	Pass
NVNT	ac40	5310	Ant4	5460	-48.46	3.54	-	50.34	Peak	68.2	Pass
NVNT	ac40	5310	Ant4	5460	-58.11	3.54	7.28	47.97	Average	54	Pass
NVNT	ac80	5290	Ant4	4500	-49.17	3.54	-	49.63	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	4500	-58.81	3.54	9.85	49.84	Average	54	Pass
NVNT	ac80	5290	Ant4	5131.62	-46.51	3.54	-	52.29	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5069.85	-56.4	3.54	9.85	52.25	Average	54	Pass
NVNT	ac80	5290	Ant4	5150	-47.34	3.54	-	51.46	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5150	-57.18	3.54	9.85	51.47	Average	54	Pass
NVNT	ac80	5290	Ant4	5350	-42.17	3.54	-	56.63	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5350	-57.79	3.54	9.85	50.86	Average	54	Pass
NVNT	ac80	5290	Ant4	5350	-42.17	3.54	-	56.63	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5405.5	-56.79	3.54	9.85	51.86	Average	54	Pass
NVNT	ac80	5290	Ant4	5460	-49.21	3.54	-	49.59	Peak	68.2	Pass
NVNT	ac80	5290	Ant4	5460	-57.63	3.54	9.85	51.02	Average	54	Pass
NVNT	ax20	5260	Ant4	4500	-49.79	3.54	-	49.01	Peak	68.2	Pass
NVNT	ax20	5260	Ant4	4500	-58.38	3.54	5.48	45.90	Average	54	Pass
NVNT	ax20	5260	Ant4	4978.92	-46.29	3.54	-	52.51	Peak	68.2	Pass
NVNT	ax20	5260	Ant4	5102.94	-56.55	3.54	5.48	47.73	Average	54	Pass
NVNT	ax20	5260	Ant4	5150	-49.05	3.54	-	49.75	Peak	68.2	Pass
NVNT	ax20	5260	Ant4	5150	-57.6	3.54	5.48	46.68	Average	54	Pass
NVNT	ax20	5320	Ant4	5350	-49.37	3.54	-	49.43	Peak	68.2	Pass

NVNT	ax20	5320	Ant4	5350	-57.55	3.54	5.49	46.74	Average	54	Pass
NVNT	ax20	5320	Ant4	5353	-45.43	3.54	-	53.37	Peak	68.2	Pass
NVNT	ax20	5320	Ant4	5388	-56.63	3.54	5.49	47.66	Average	54	Pass
NVNT	ax20	5320	Ant4	5460	-50.51	3.54	-	48.29	Peak	68.2	Pass
NVNT	ax20	5320	Ant4	5460	-57.82	3.54	5.49	46.47	Average	54	Pass
NVNT	ax40	5270	Ant4	4500	-49.35	3.54	-	49.45	Peak	68.2	Pass
NVNT	ax40	5270	Ant4	4500	-58.55	3.54	7.64	47.89	Average	54	Pass
NVNT	ax40	5270	Ant4	4998.15	-45.76	3.54	-	53.04	Peak	68.2	Pass
NVNT	ax40	5270	Ant4	5062.14	-56.35	3.54	7.64	50.09	Average	54	Pass
NVNT	ax40	5270	Ant4	5150	-49.61	3.54	-	49.19	Peak	68.2	Pass
NVNT	ax40	5270	Ant4	5150	-57.49	3.54	7.64	48.95	Average	54	Pass
NVNT	ax40	5310	Ant4	5350	-50.8	3.54	-	48.00	Peak	68.2	Pass
NVNT	ax40	5310	Ant4	5350	-57.51	3.54	7.64	48.93	Average	54	Pass
NVNT	ax40	5310	Ant4	5373.8	-46.15	3.54	-	52.65	Peak	68.2	Pass
NVNT	ax40	5310	Ant4	5353.2	-56.71	3.54	7.64	49.73	Average	54	Pass
NVNT	ax40	5310	Ant4	5460	-48.71	3.54	-	50.09	Peak	68.2	Pass
NVNT	ax40	5310	Ant4	5460	-57.25	3.54	7.64	49.19	Average	54	Pass
NVNT	ax80	5290	Ant4	5350	-48.22	3.54	-	50.58	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5350	-57.34	3.54	9.99	51.45	Average	54	Pass
NVNT	ax80	5290	Ant4	5451.75	-46.21	3.54	-	52.59	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5359.5	-56.66	3.54	9.99	52.13	Average	54	Pass
NVNT	ax80	5290	Ant4	5460	-51.04	3.54	-	47.76	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5460	-57.59	3.54	9.99	51.20	Average	54	Pass
NVNT	ax80	5290	Ant4	4500	-50.09	3.54	-	48.71	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	4500	-58.56	3.54	9.99	50.23	Average	54	Pass
NVNT	ax80	5290	Ant4	5023.74	-46.19	3.54	-	52.61	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5081.16	-56.24	3.54	9.99	52.55	Average	54	Pass
NVNT	ax80	5290	Ant4	5150	-48.85	3.54	-	49.95	Peak	68.2	Pass
NVNT	ax80	5290	Ant4	5150	-57.72	3.54	9.99	51.07	Average	54	Pass

Test Graphs

Restrict Band NVNT a 5260MHz Ant4 Peak



Restrict Band NVNT a 5260MHz Ant4 Average