



Appendix B

RF Test Data for 5.2GWIFI (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



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B.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant3	18.443	---	Pass
NVNT	a	5200	Ant3	18.425	---	Pass
NVNT	a	5240	Ant3	18.588	---	Pass
NVNT	n20	5180	Ant3	19.507	---	Pass
NVNT	n20	5200	Ant3	19.469	---	Pass
NVNT	n20	5240	Ant3	19.378	---	Pass
NVNT	n40	5190	Ant3	38.773	---	Pass
NVNT	n40	5230	Ant3	38.962	---	Pass
NVNT	ac20	5180	Ant3	19.639	---	Pass
NVNT	ac20	5200	Ant3	19.441	---	Pass
NVNT	ac20	5240	Ant3	19.616	---	Pass
NVNT	ac40	5190	Ant3	38.774	---	Pass
NVNT	ac40	5230	Ant3	39.009	---	Pass
NVNT	ac80	5210	Ant3	83.183	---	Pass
NVNT	ax20	5180	Ant3	20.415	---	Pass
NVNT	ax20	5200	Ant3	20.254	---	Pass
NVNT	ax20	5240	Ant3	20.304	---	Pass
NVNT	ax40	5190	Ant3	39.806	---	Pass
NVNT	ax40	5230	Ant3	39.571	---	Pass
NVNT	ax80	5210	Ant3	80.128	---	Pass

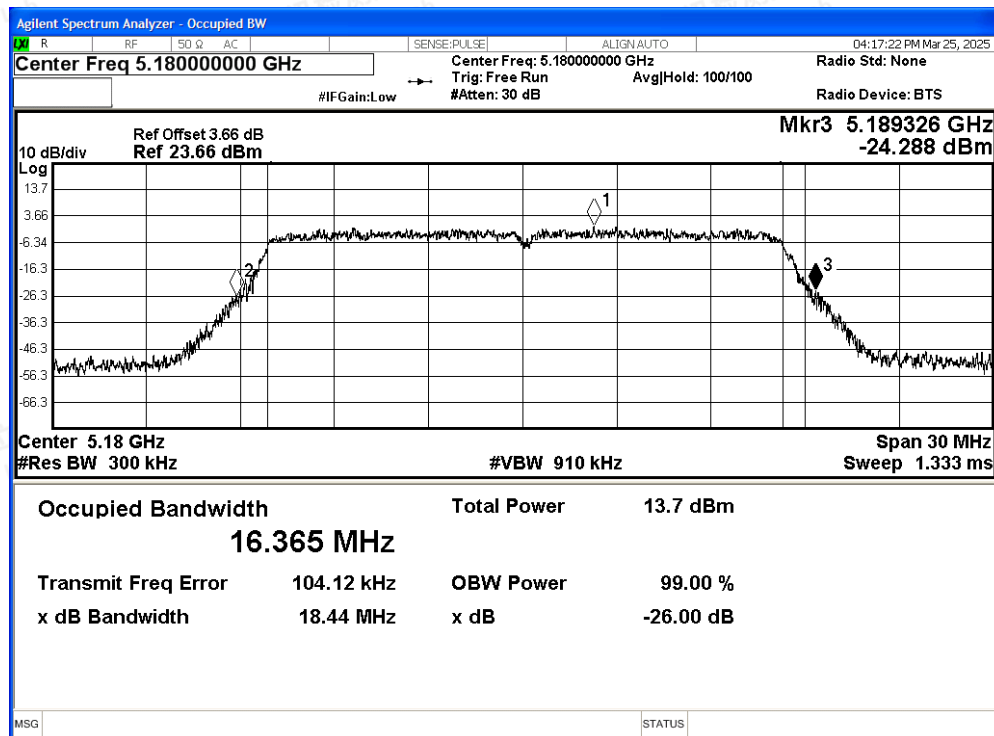


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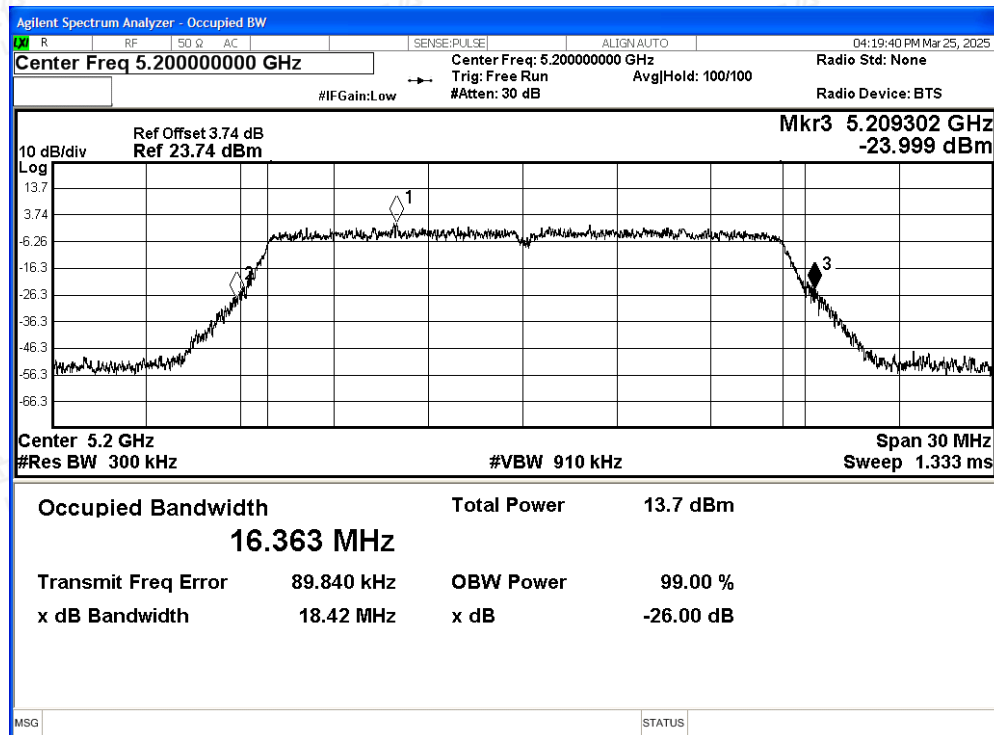


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant3

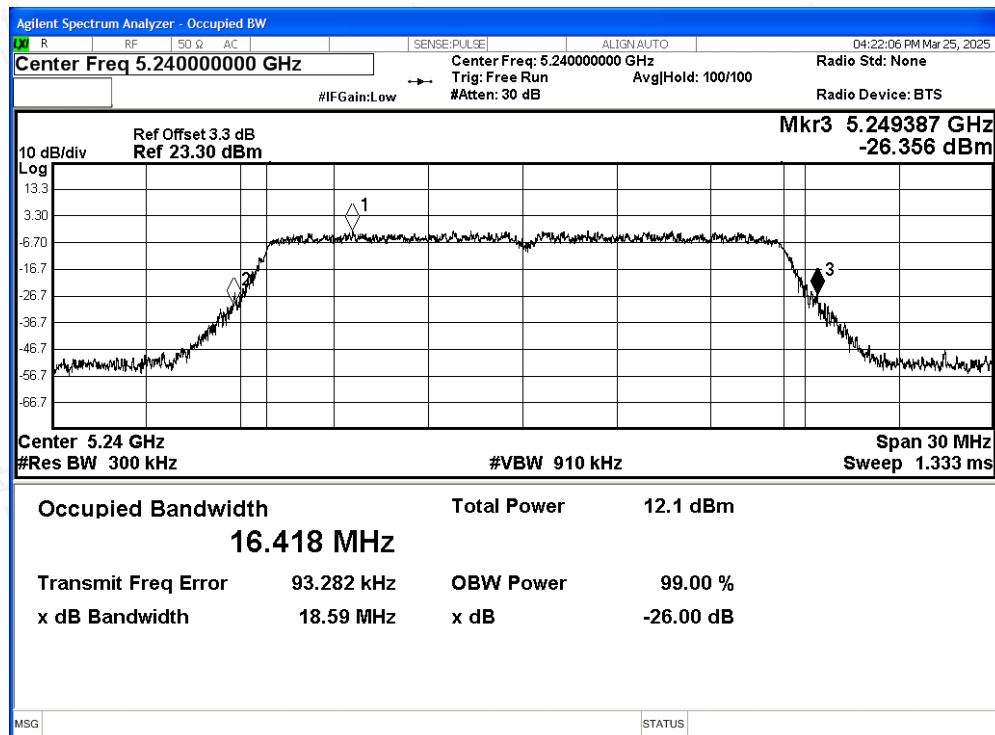


-26dB Bandwidth NVNT a 5200MHz Ant3

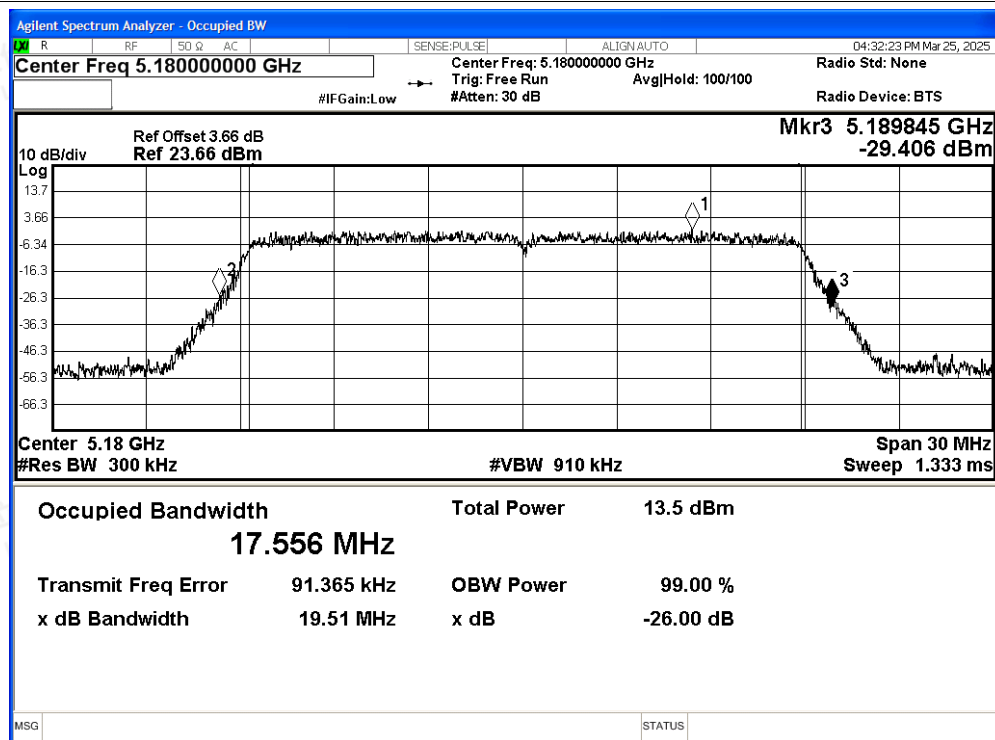




-26dB Bandwidth NVNT a 5240MHz Ant3

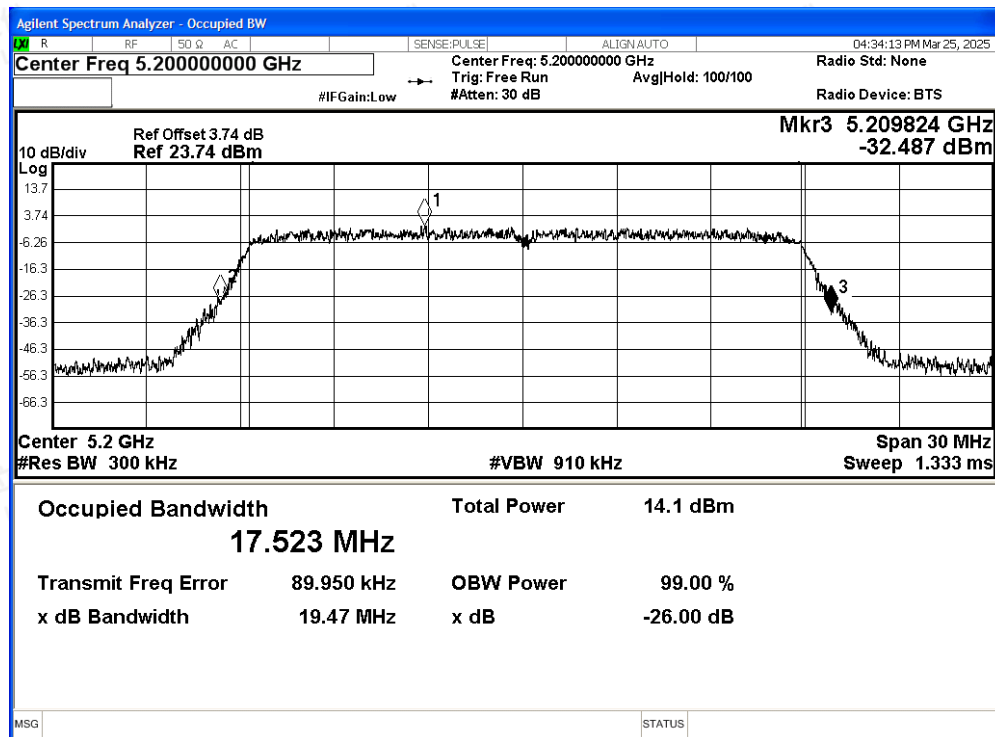


-26dB Bandwidth NVNT n20 5180MHz Ant3

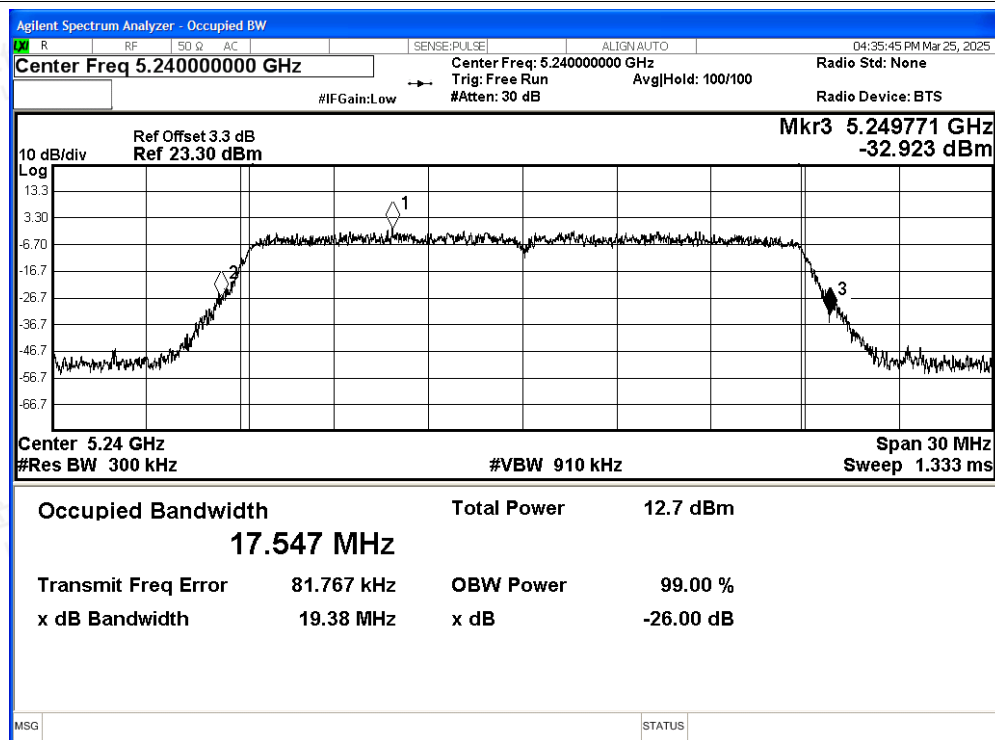


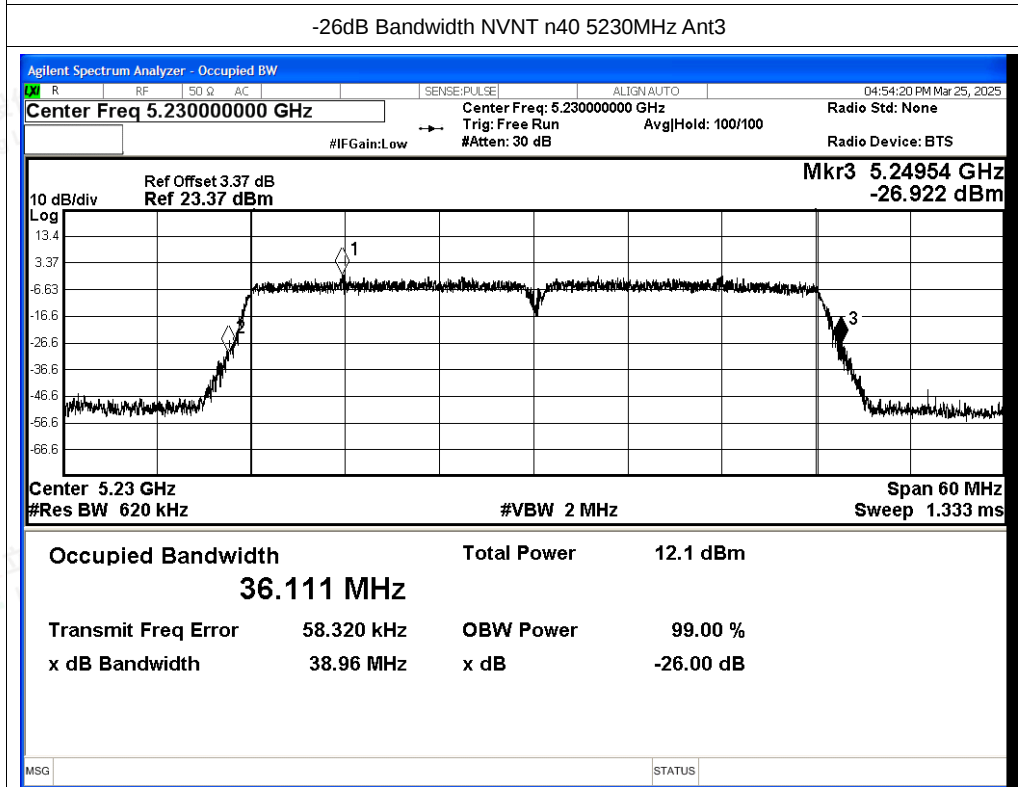
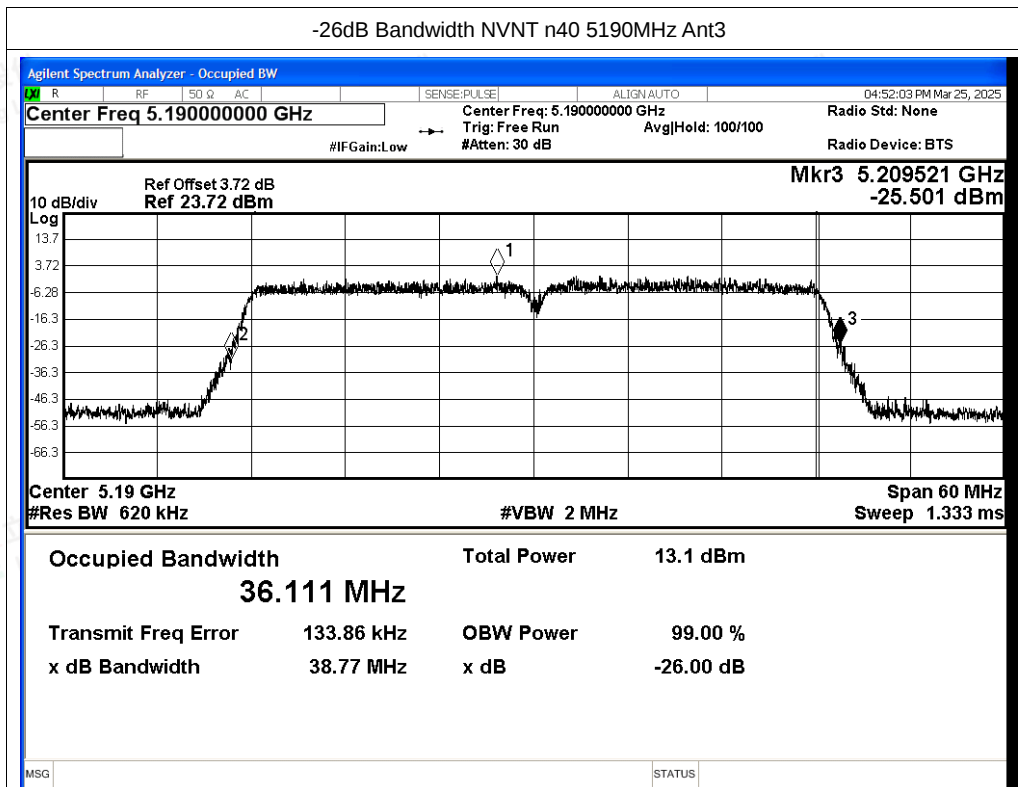


-26dB Bandwidth NVNT n20 5200MHz Ant3



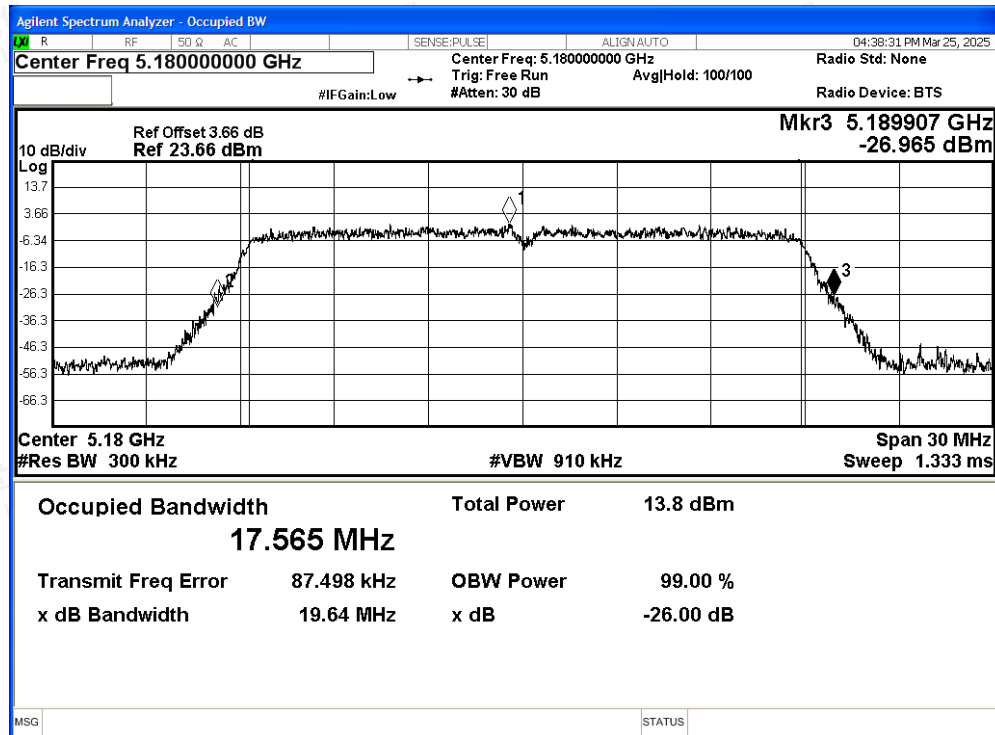
-26dB Bandwidth NVNT n20 5240MHz Ant3



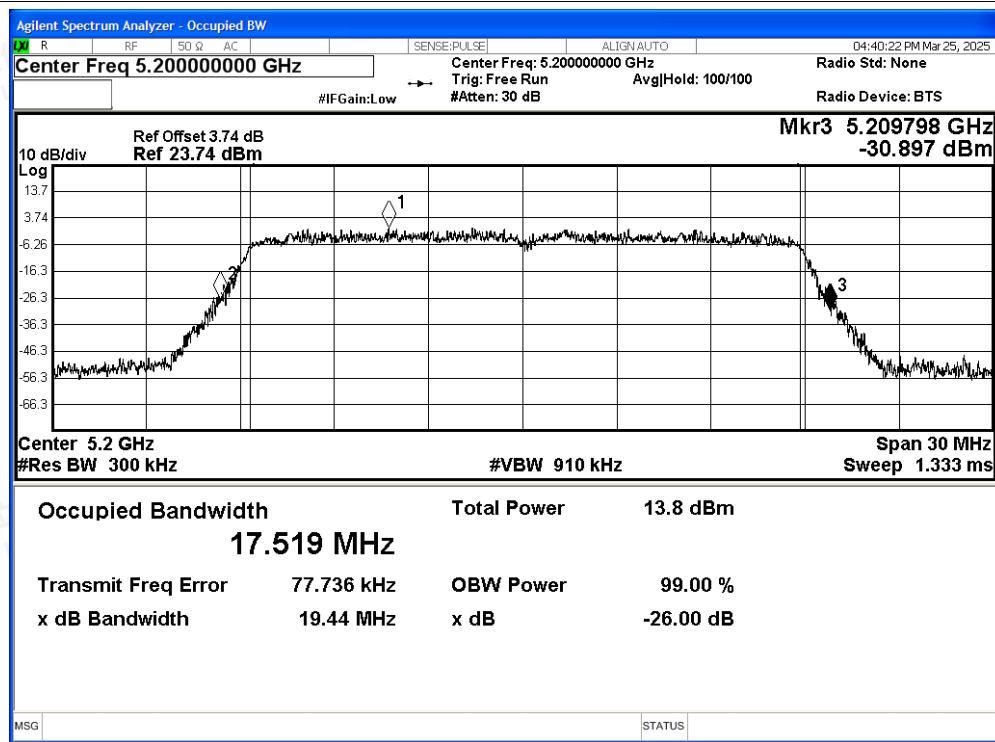




-26dB Bandwidth NVNT ac20 5180MHz Ant3

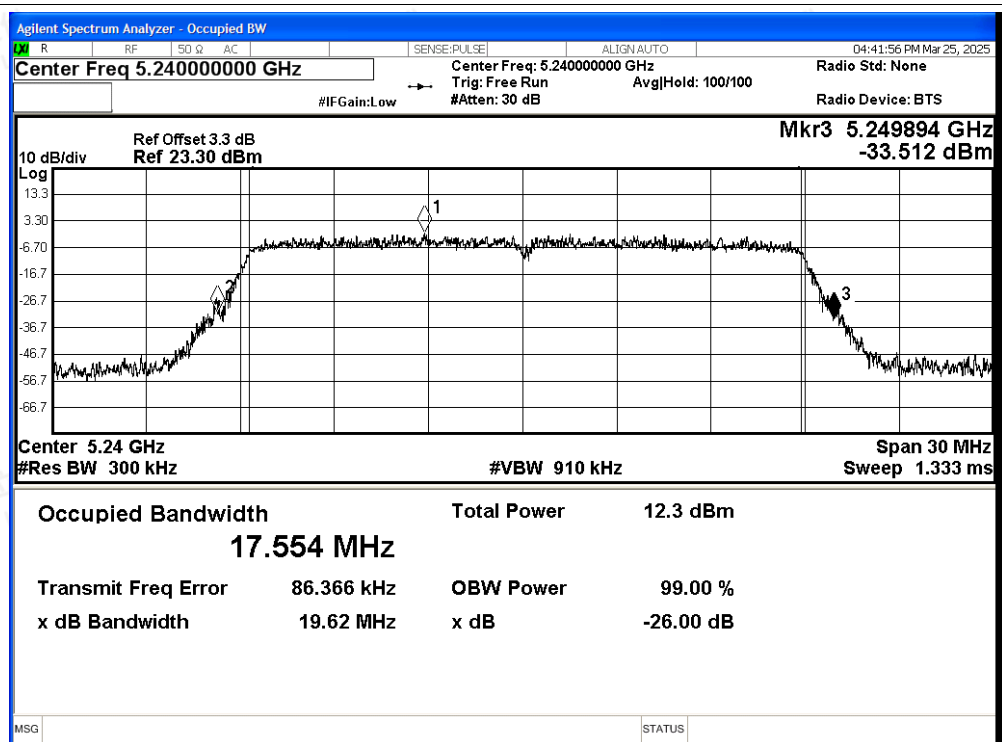


-26dB Bandwidth NVNT ac20 5200MHz Ant3

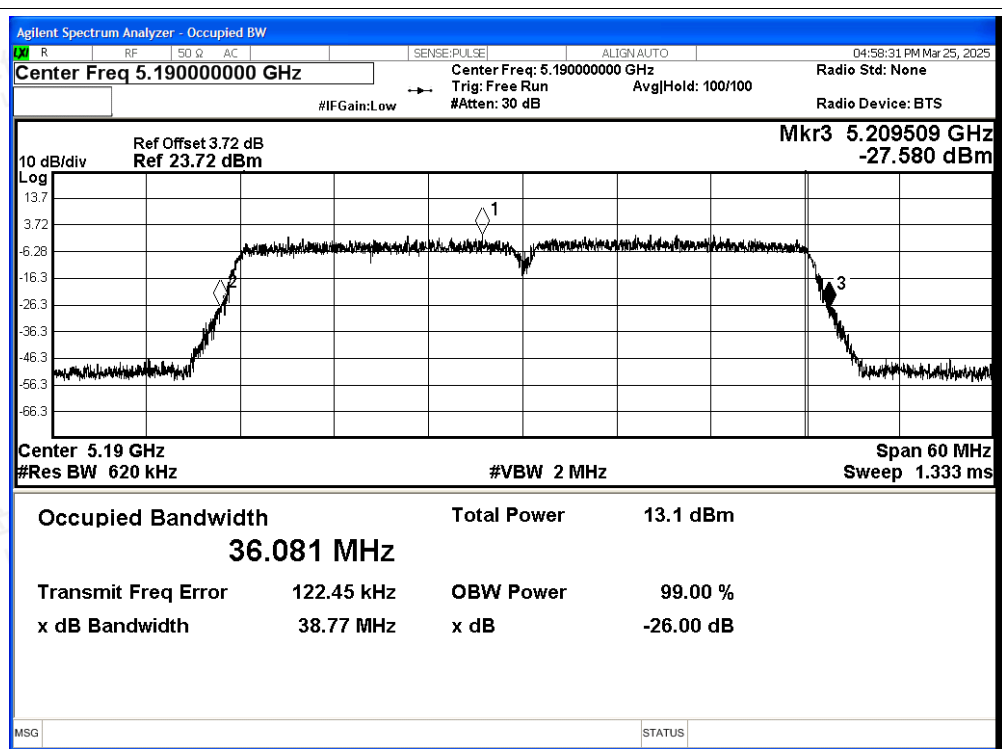




-26dB Bandwidth NVNT ac20 5240MHz Ant3

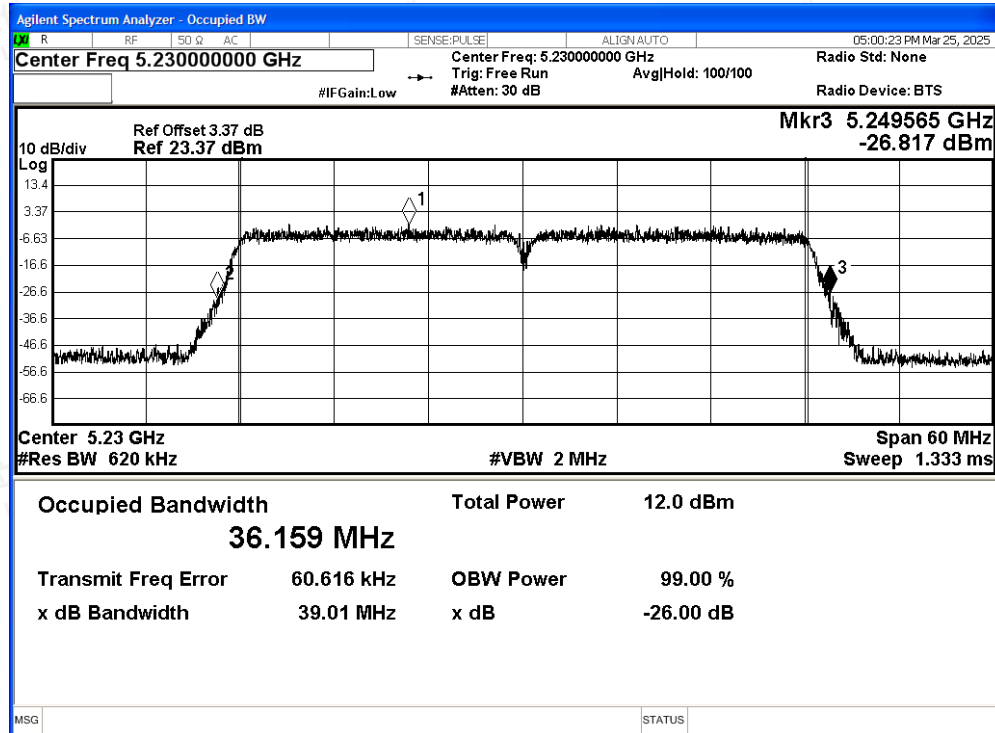


-26dB Bandwidth NVNT ac40 5190MHz Ant3

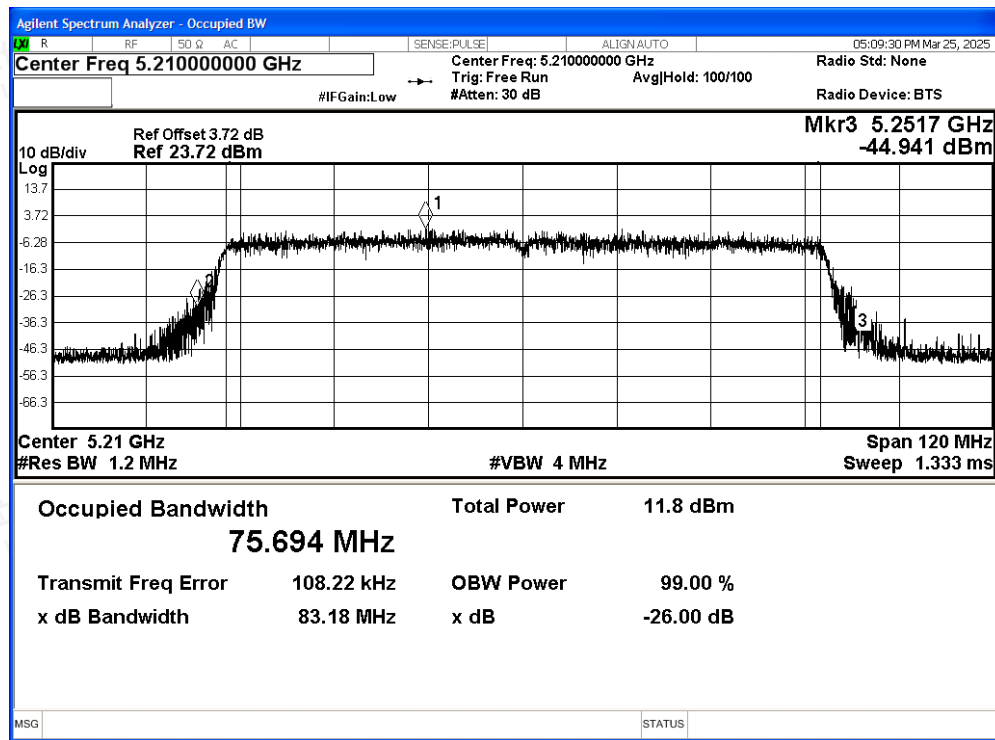




-26dB Bandwidth NVNT ac40 5230MHz Ant3

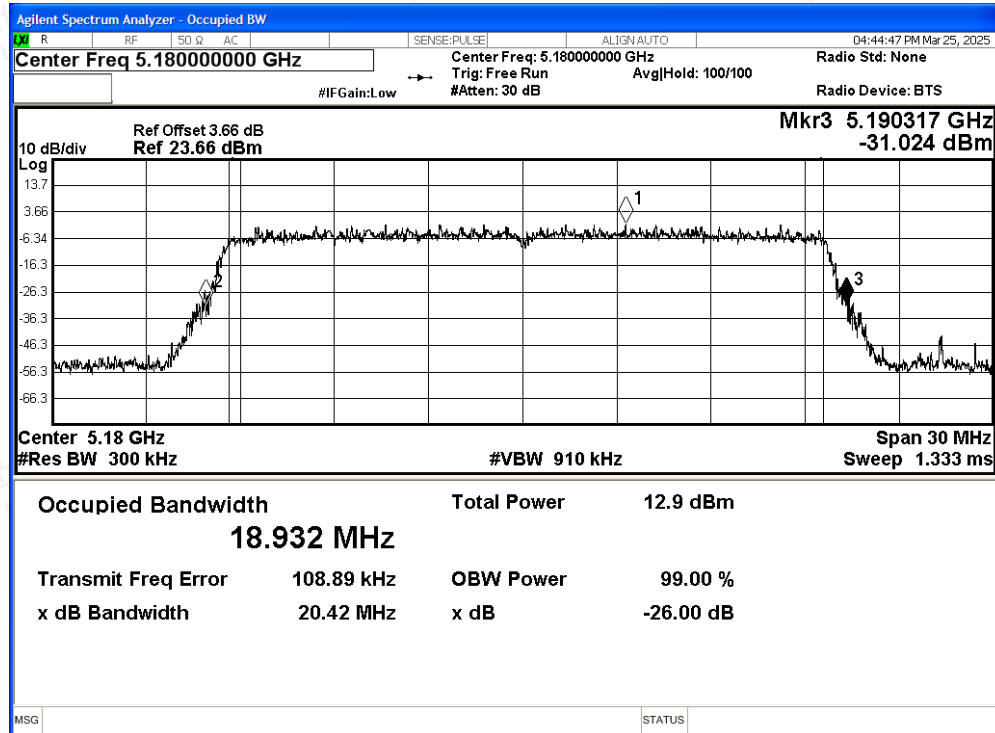


-26dB Bandwidth NVNT ac80 5210MHz Ant3

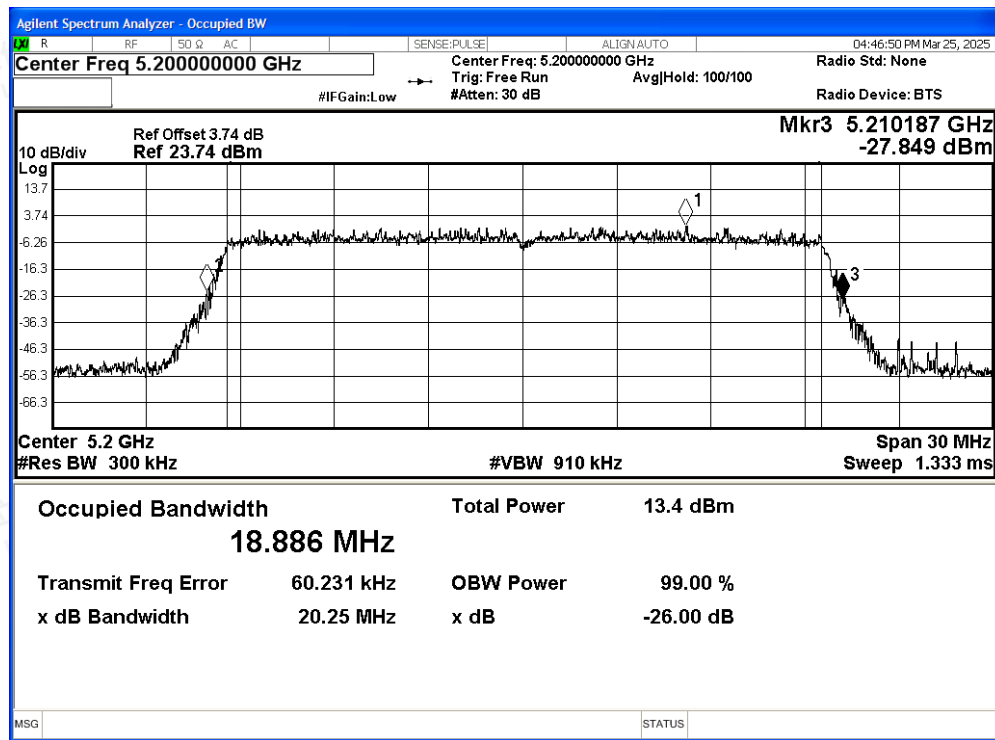




-26dB Bandwidth NVNT ax20 5180MHz Ant3

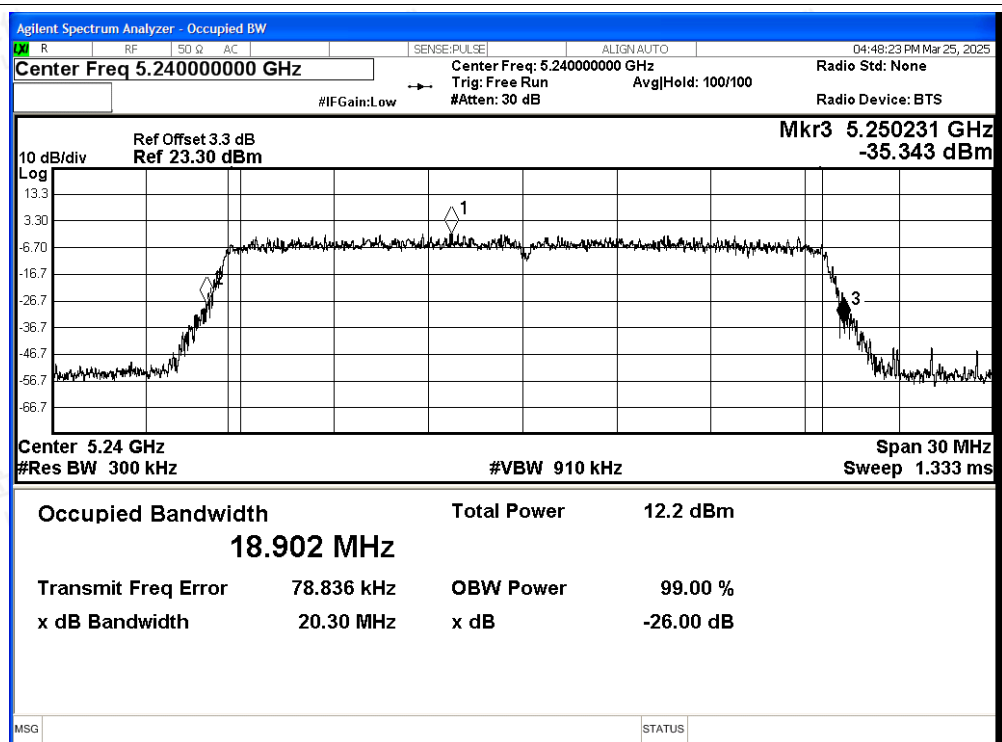


-26dB Bandwidth NVNT ax20 5200MHz Ant3

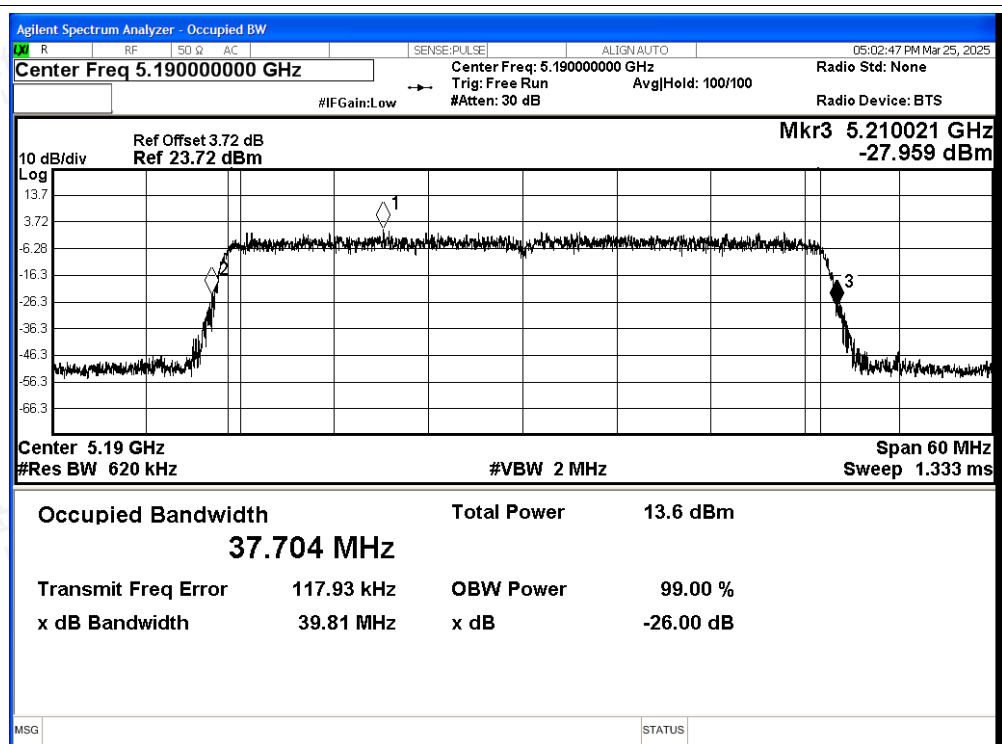




-26dB Bandwidth NVNT ax20 5240MHz Ant3

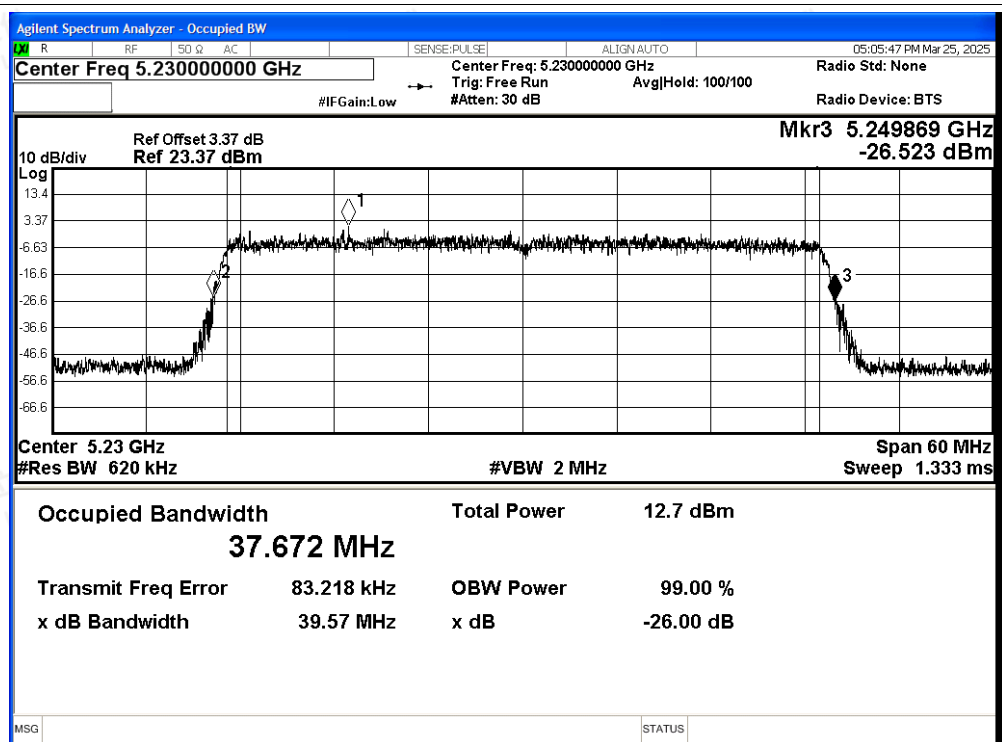


-26dB Bandwidth NVNT ax40 5190MHz Ant3

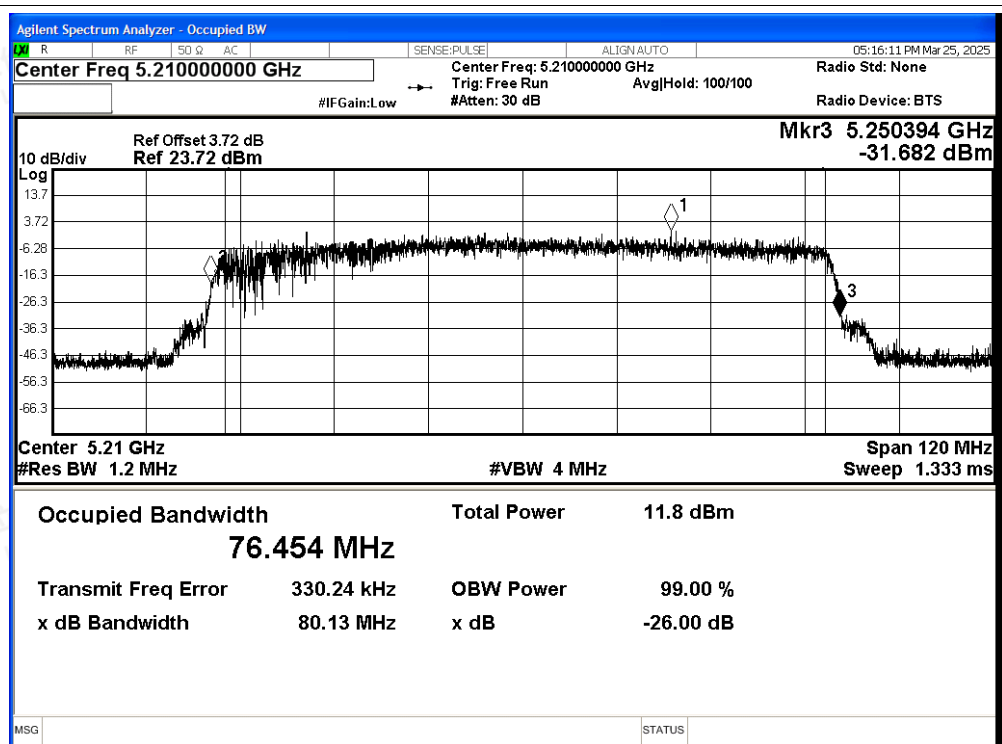




-26dB Bandwidth NVNT ax40 5230MHz Ant3



-26dB Bandwidth NVNT ax80 5210MHz Ant3





Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5180	Ant4	18.616	---	Pass
NVNT	a	5200	Ant4	18.427	---	Pass
NVNT	a	5240	Ant4	18.292	---	Pass
NVNT	n20	5180	Ant4	19.386	---	Pass
NVNT	n20	5200	Ant4	19.403	---	Pass
NVNT	n20	5240	Ant4	19.502	---	Pass
NVNT	n40	5190	Ant4	38.718	---	Pass
NVNT	n40	5230	Ant4	38.814	---	Pass
NVNT	ac20	5180	Ant4	19.447	---	Pass
NVNT	ac20	5200	Ant4	19.518	---	Pass
NVNT	ac20	5240	Ant4	19.405	---	Pass
NVNT	ac40	5190	Ant4	38.853	---	Pass
NVNT	ac40	5230	Ant4	39.009	---	Pass
NVNT	ac80	5210	Ant4	83.168	---	Pass
NVNT	ax20	5180	Ant4	20.278	---	Pass
NVNT	ax20	5200	Ant4	20.42	---	Pass
NVNT	ax20	5240	Ant4	20.243	---	Pass
NVNT	ax40	5190	Ant4	39.706	---	Pass
NVNT	ax40	5230	Ant4	39.61	---	Pass
NVNT	ax80	5210	Ant4	80.637	---	Pass

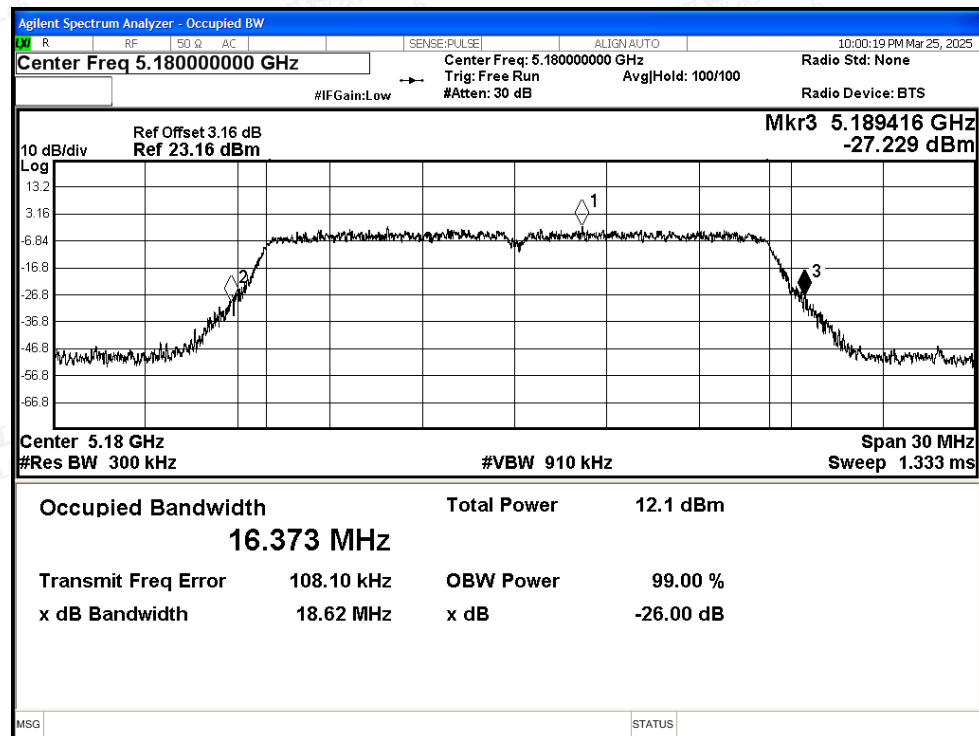


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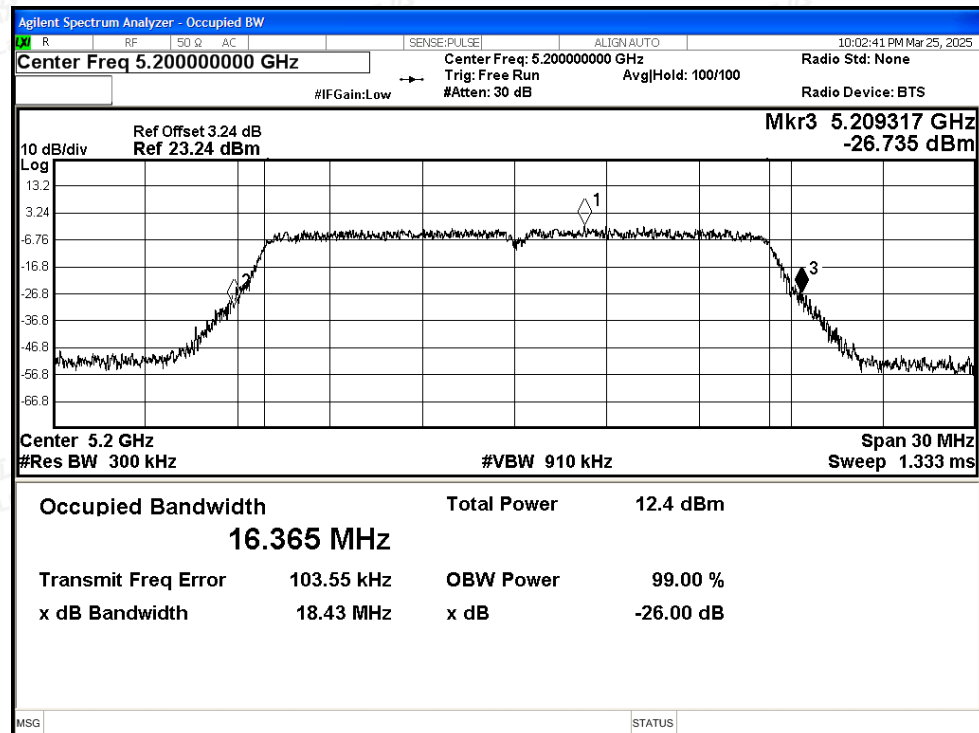


Test Graphs

-26dB Bandwidth NVNT a 5180MHz Ant4

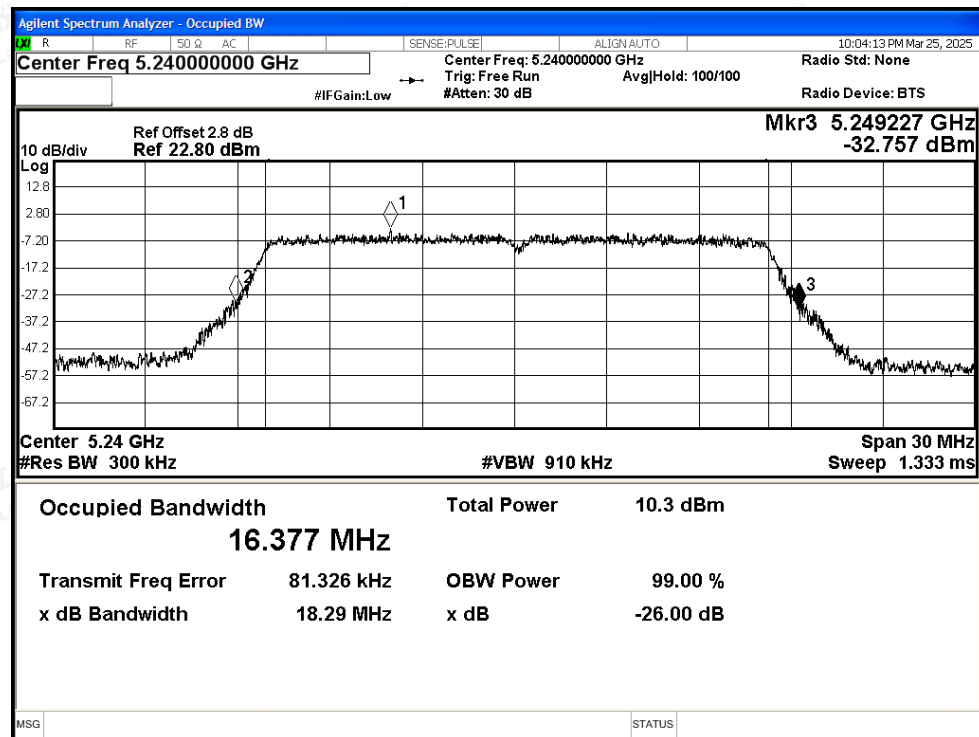


-26dB Bandwidth NVNT a 5200MHz Ant4

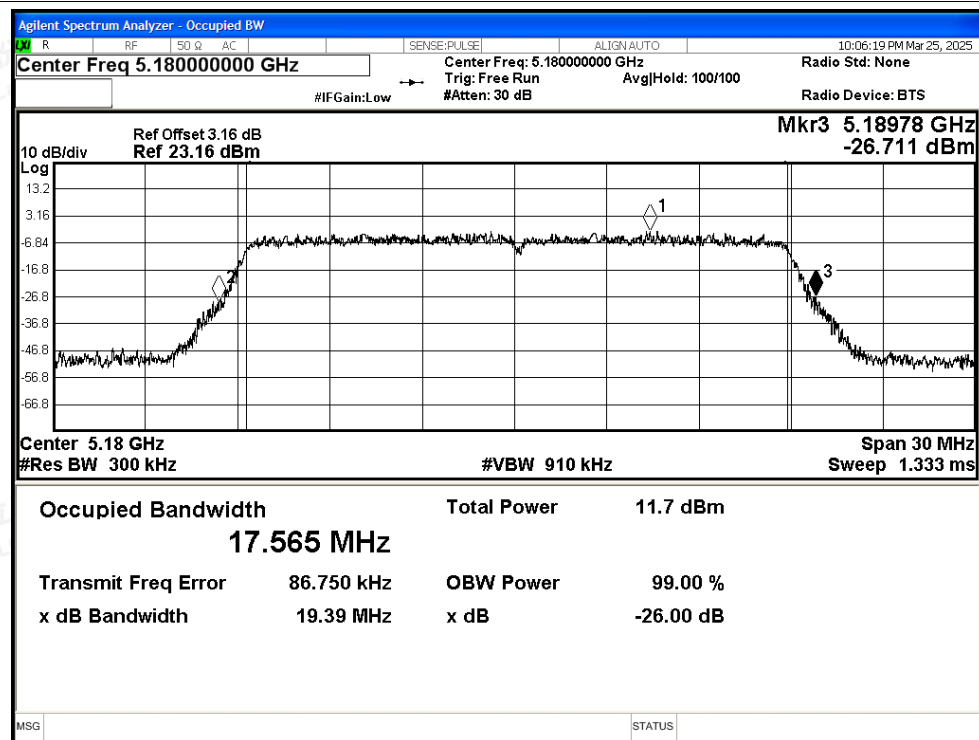




-26dB Bandwidth NVNT a 5240MHz Ant4

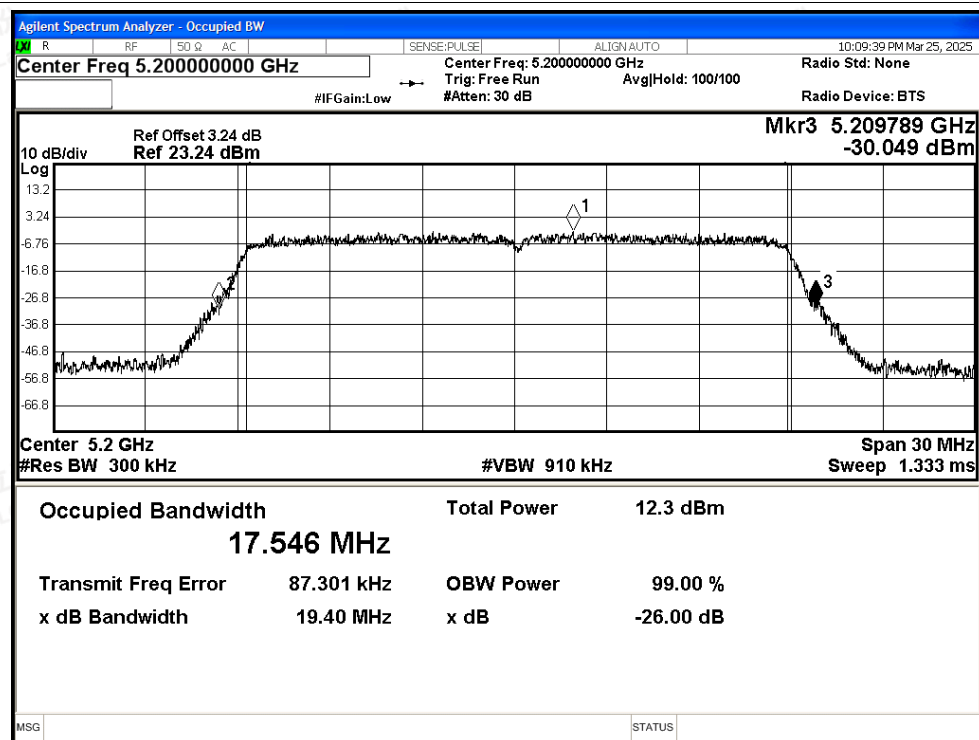


-26dB Bandwidth NVNT n20 5180MHz Ant4

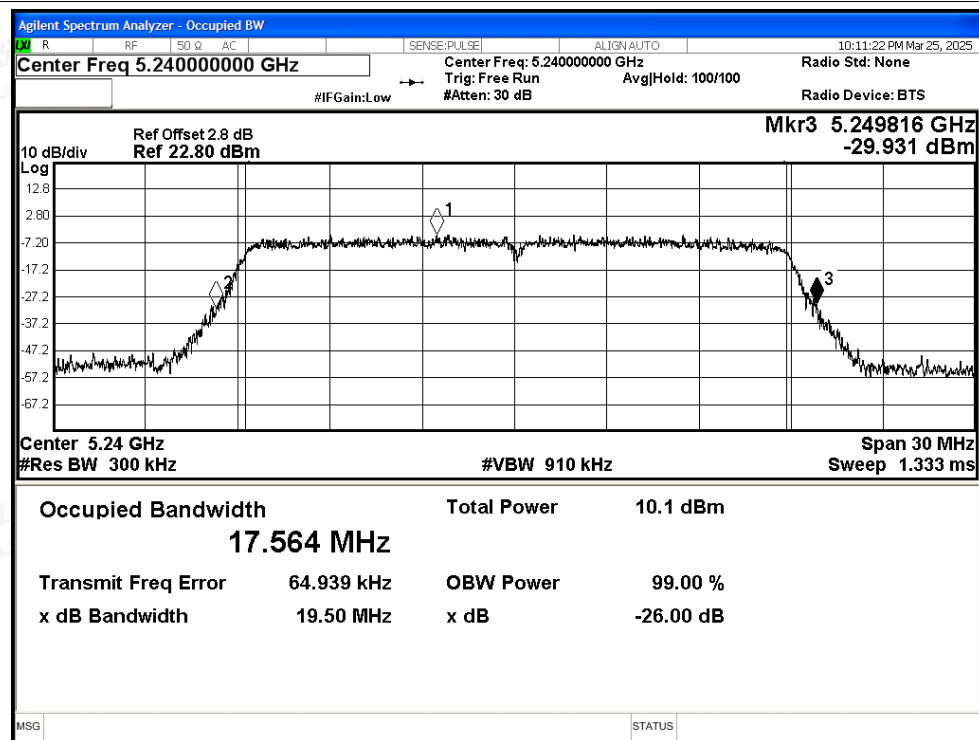




-26dB Bandwidth NVNT n20 5200MHz Ant4

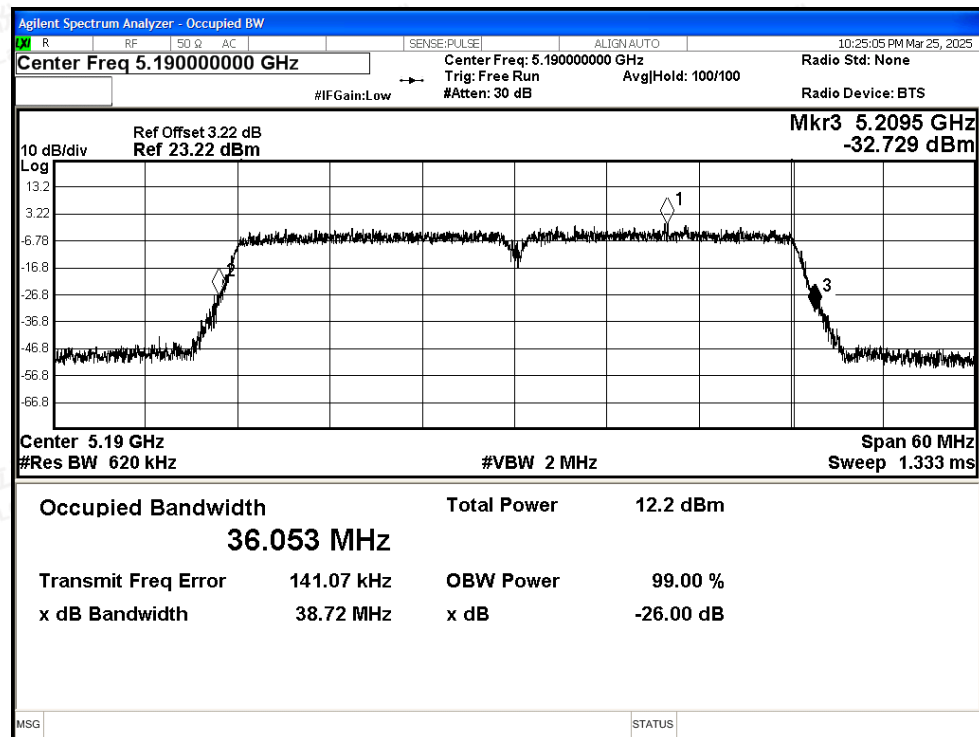


-26dB Bandwidth NVNT n20 5240MHz Ant4

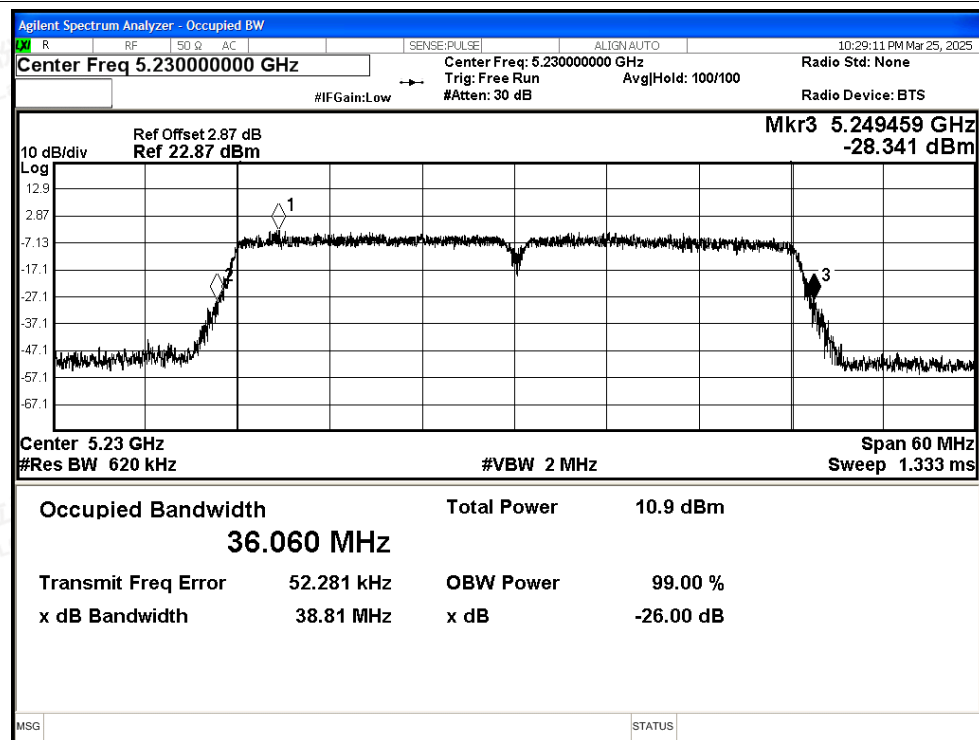




-26dB Bandwidth NVNT n40 5190MHz Ant4

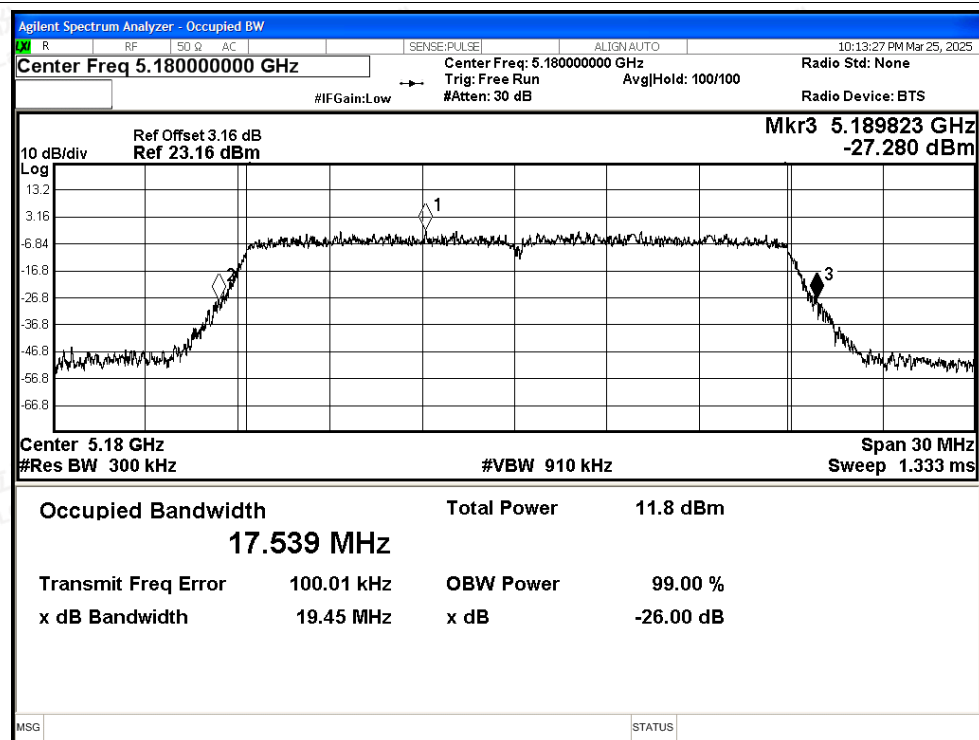


-26dB Bandwidth NVNT n40 5230MHz Ant4

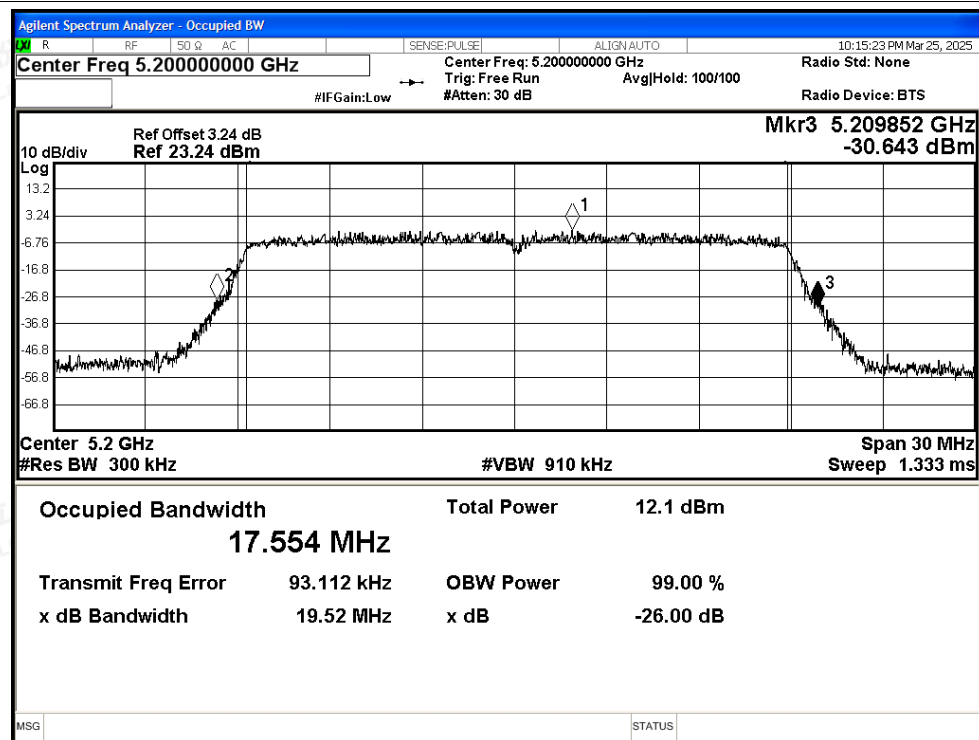




-26dB Bandwidth NVNT ac20 5180MHz Ant4

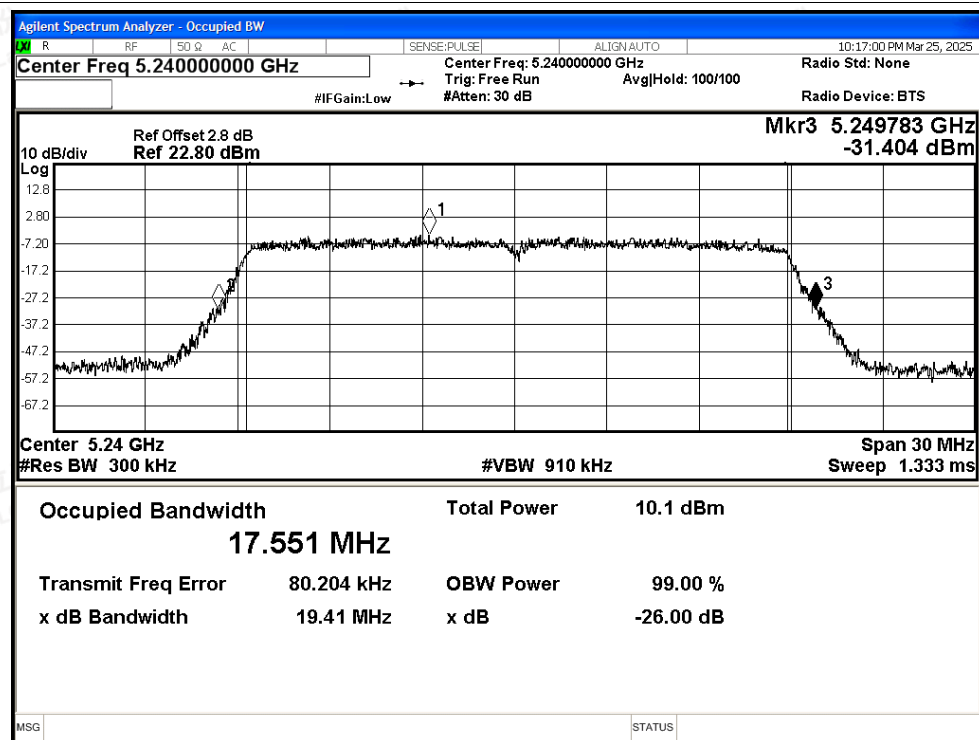


-26dB Bandwidth NVNT ac20 5200MHz Ant4

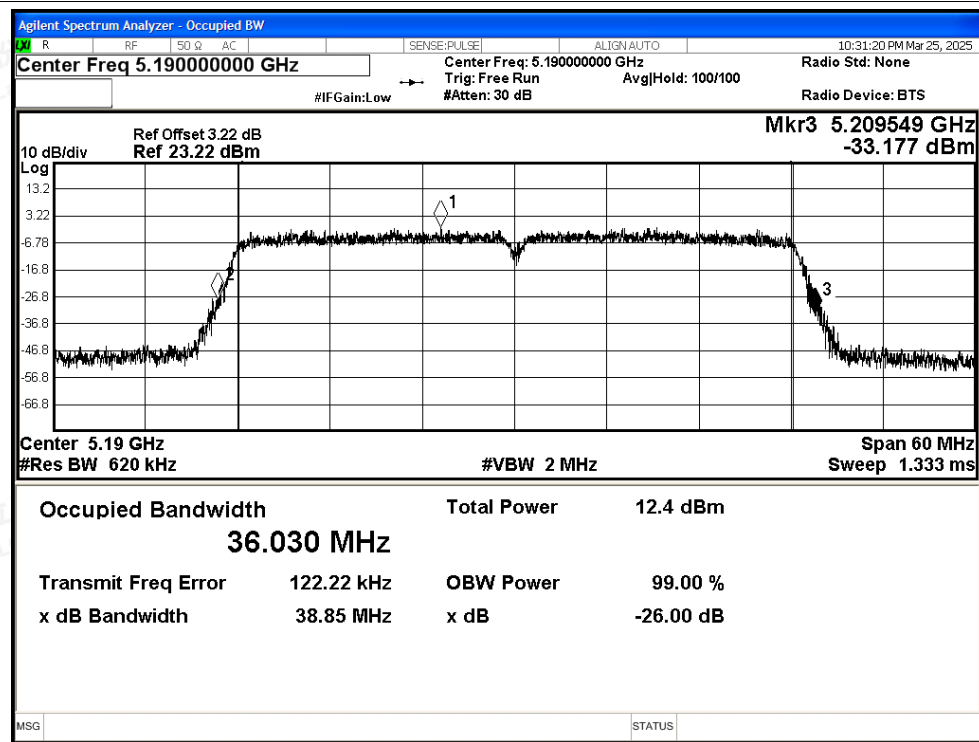




-26dB Bandwidth NVNT ac20 5240MHz Ant4

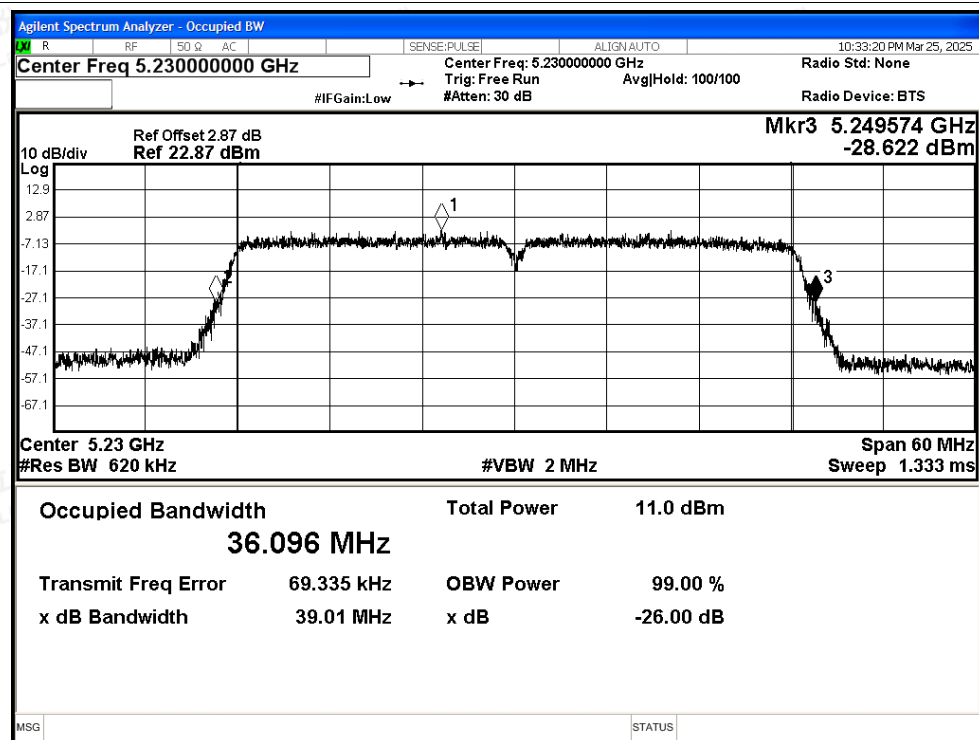


-26dB Bandwidth NVNT ac40 5190MHz Ant4

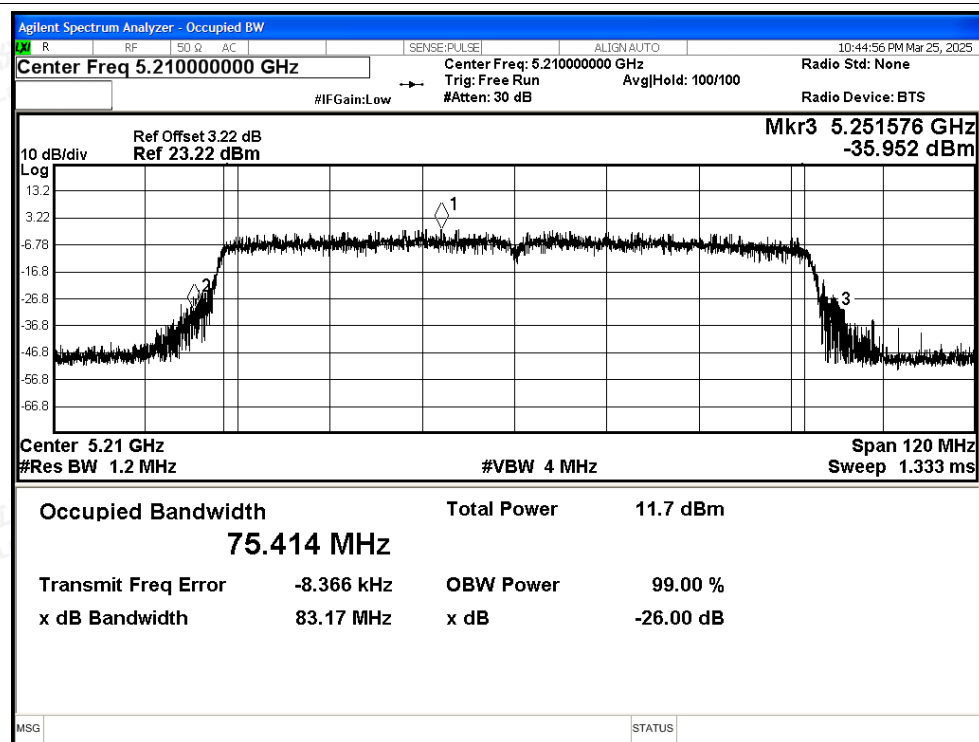




-26dB Bandwidth NVNT ac40 5230MHz Ant4

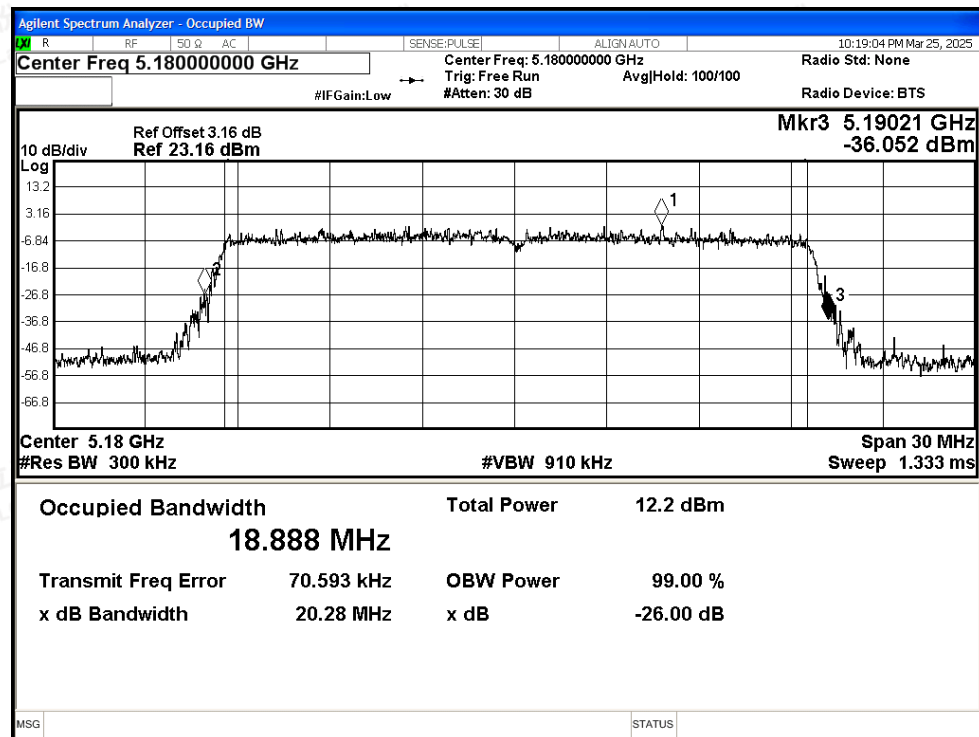


-26dB Bandwidth NVNT ac80 5210MHz Ant4

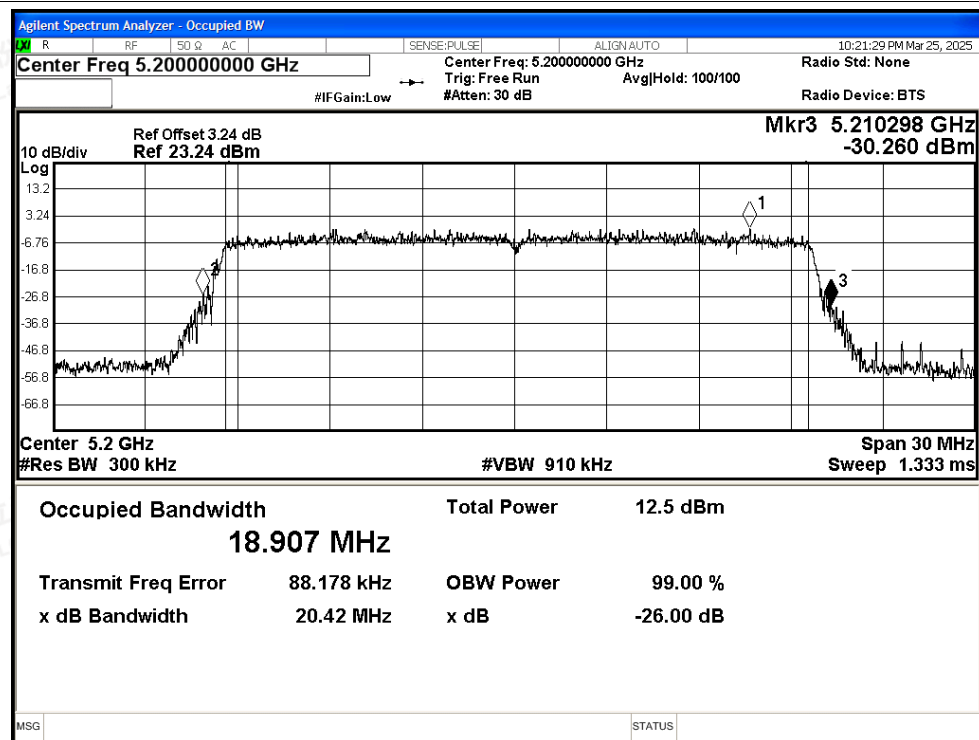




-26dB Bandwidth NVNT ax20 5180MHz Ant4

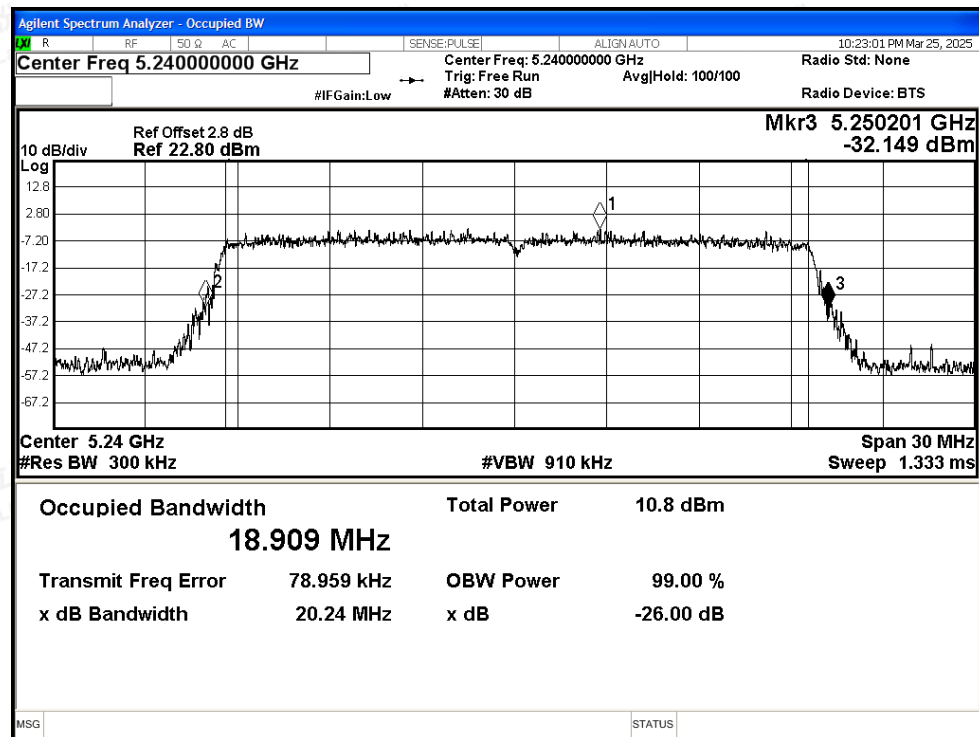


-26dB Bandwidth NVNT ax20 5200MHz Ant4

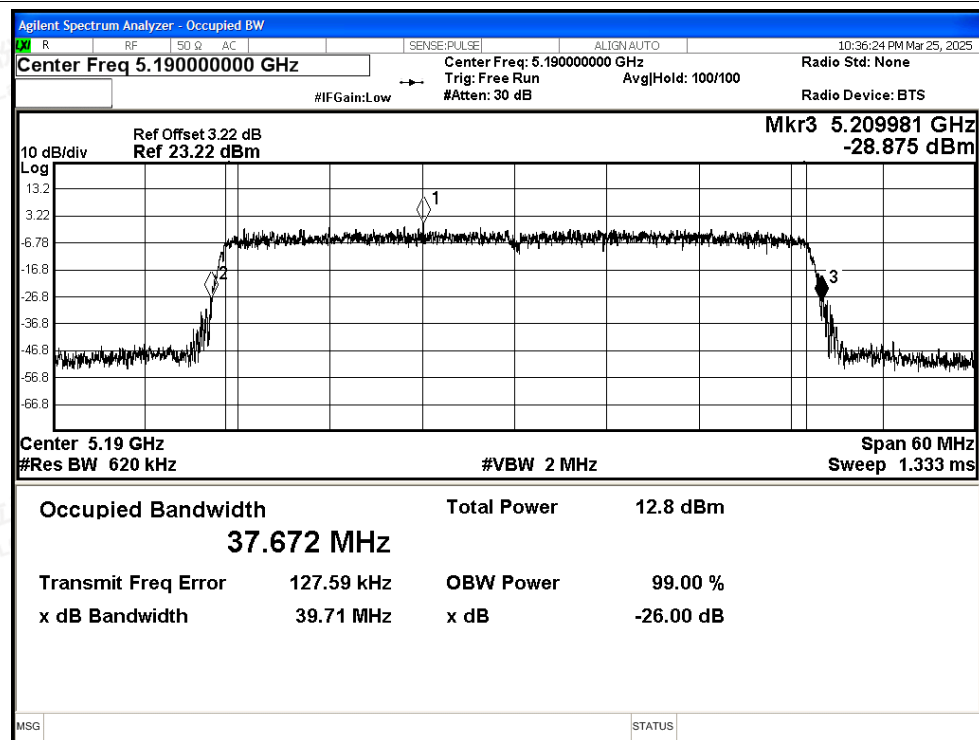




-26dB Bandwidth NVNT ax20 5240MHz Ant4

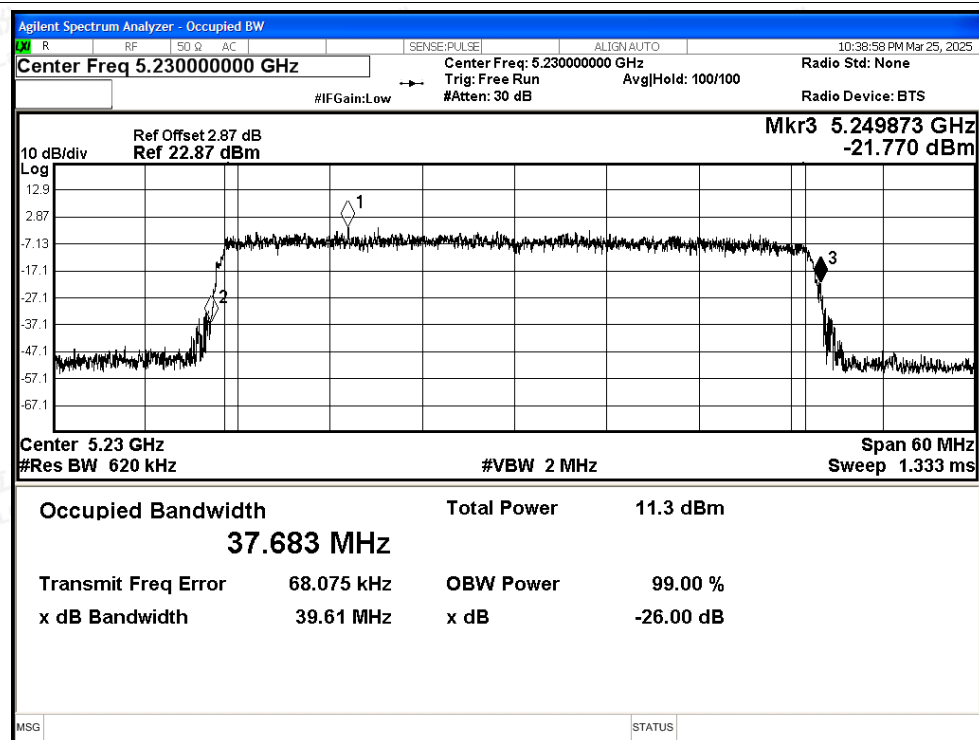


-26dB Bandwidth NVNT ax40 5190MHz Ant4

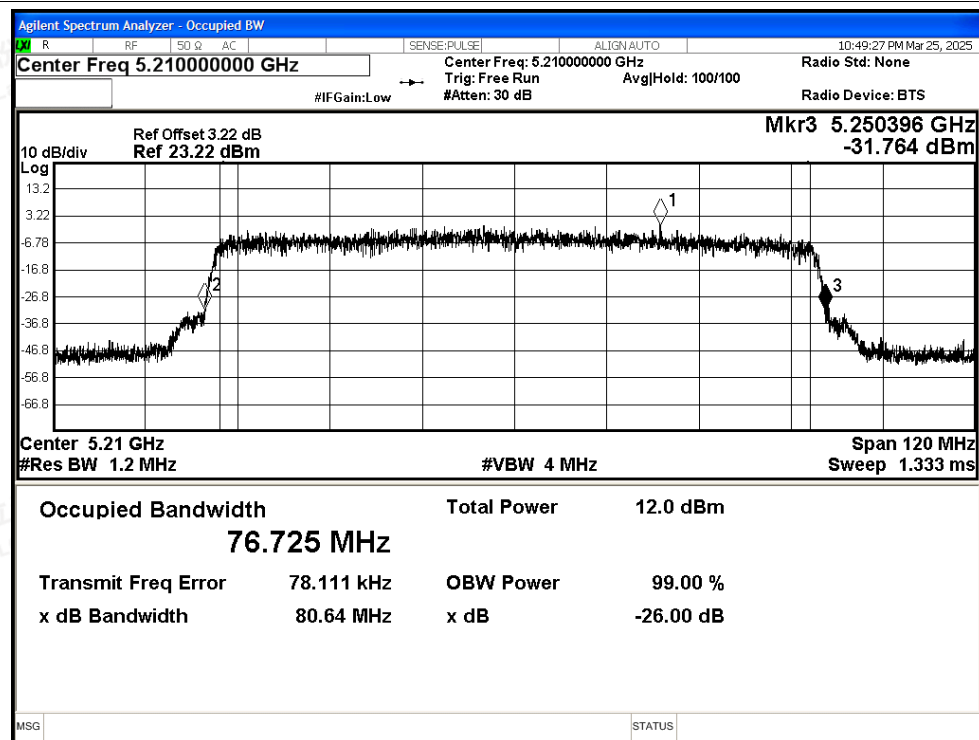




-26dB Bandwidth NVNT ax40 5230MHz Ant4



-26dB Bandwidth NVNT ax80 5210MHz Ant4





B.2 Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant3	11.83	4.53	16.36	30	Pass
NVNT	a	5200	Ant3	11.26	4.53	15.79	30	Pass
NVNT	a	5240	Ant3	11.06	4.53	15.59	30	Pass
NVNT	n20	5180	Ant3	11.97	5.03	17.00	30	Pass
NVNT	n20	5200	Ant3	11.49	5.02	16.51	30	Pass
NVNT	n20	5240	Ant3	11.76	5.02	16.78	30	Pass
NVNT	n40	5190	Ant3	11.89	7.3	19.19	30	Pass
NVNT	n40	5230	Ant3	10.46	7.3	17.76	30	Pass
NVNT	ac20	5180	Ant3	11.56	5.01	16.57	30	Pass
NVNT	ac20	5200	Ant3	11.63	5.01	16.64	30	Pass
NVNT	ac20	5240	Ant3	11.71	5.01	16.72	30	Pass
NVNT	ac40	5190	Ant3	11.87	7.27	19.14	30	Pass
NVNT	ac40	5230	Ant3	10.48	7.27	17.75	30	Pass
NVNT	ac80	5210	Ant3	8.24	9.85	18.09	30	Pass
NVNT	ax20	5180	Ant3	12.38	5.48	17.86	30	Pass
NVNT	ax20	5200	Ant3	11.88	5.47	17.35	30	Pass
NVNT	ax20	5240	Ant3	11.69	5.48	17.17	30	Pass
NVNT	ax40	5190	Ant3	11.9	7.64	19.54	30	Pass
NVNT	ax40	5230	Ant3	10.44	7.64	18.08	30	Pass
NVNT	ax80	5210	Ant3	7.95	9.97	17.92	30	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	Ant4	12.6	4.53	17.13	30	Pass
NVNT	a	5200	Ant4	12.03	4.53	16.56	30	Pass
NVNT	a	5240	Ant4	11.85	4.53	16.38	30	Pass
NVNT	n20	5180	Ant4	11.91	5.02	16.93	30	Pass
NVNT	n20	5200	Ant4	11.38	5.03	16.41	30	Pass
NVNT	n20	5240	Ant4	11.16	5.02	16.18	30	Pass
NVNT	n40	5190	Ant4	11.33	7.3	18.63	30	Pass
NVNT	n40	5230	Ant4	10.89	7.3	18.19	30	Pass
NVNT	ac20	5180	Ant4	11.87	5.01	16.88	30	Pass
NVNT	ac20	5200	Ant4	11.34	5.01	16.35	30	Pass
NVNT	ac20	5240	Ant4	11.15	5.01	16.16	30	Pass
NVNT	ac40	5190	Ant4	11.26	7.27	18.53	30	Pass
NVNT	ac40	5230	Ant4	10.93	7.27	18.2	30	Pass
NVNT	ac80	5210	Ant4	8.26	9.85	18.11	30	Pass
NVNT	ax20	5180	Ant4	11.85	5.49	17.34	30	Pass
NVNT	ax20	5200	Ant4	11.29	5.49	16.78	30	Pass
NVNT	ax20	5240	Ant4	11.12	5.49	16.61	30	Pass
NVNT	ax40	5190	Ant4	11.3	7.64	18.94	30	Pass
NVNT	ax40	5230	Ant4	10.92	7.64	18.56	30	Pass
NVNT	ax80	5210	Ant4	8.25	9.97	18.22	30	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Antenna		Total Power (dBm)	Limit (dBm)	Verdict
			Ant3	Ant4			
NVNT	n20	5180	17	16.93	19.98	30	Pass
NVNT	n20	5200	16.51	16.41	19.47	30	Pass
NVNT	n20	5240	16.78	16.18	19.50	30	Pass
NVNT	n40	5190	19.19	18.63	21.93	30	Pass
NVNT	n40	5230	17.76	18.19	20.99	30	Pass
NVNT	ac20	5180	16.57	16.88	19.74	30	Pass
NVNT	ac20	5200	16.64	16.35	19.51	30	Pass
NVNT	ac20	5240	16.72	16.16	19.46	30	Pass
NVNT	ac40	5190	19.14	18.53	21.86	30	Pass
NVNT	ac40	5230	17.75	18.2	20.99	30	Pass
NVNT	ac80	5210	18.09	18.11	21.11	30	Pass
NVNT	ax20	5180	17.86	17.34	20.62	30	Pass
NVNT	ax20	5200	17.35	16.78	20.08	30	Pass
NVNT	ax20	5240	17.17	16.61	19.91	30	Pass
NVNT	ax40	5190	19.54	18.94	22.26	30	Pass
NVNT	ax40	5230	18.08	18.56	21.34	30	Pass
NVNT	ax80	5210	17.92	18.22	21.08	30	Pass



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B.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant3	1.17	4.53	5.7	17	Pass
NVNT	a	5200	Ant3	1.73	4.53	6.26	17	Pass
NVNT	a	5240	Ant3	1.73	4.53	6.26	17	Pass
NVNT	n20	5180	Ant3	1.24	5.03	6.27	17	Pass
NVNT	n20	5200	Ant3	0.72	5.02	5.74	17	Pass
NVNT	n20	5240	Ant3	0.88	5.02	5.9	17	Pass
NVNT	n40	5190	Ant3	-1.65	7.3	5.65	17	Pass
NVNT	n40	5230	Ant3	-2.85	7.3	4.45	17	Pass
NVNT	ac20	5180	Ant3	0.66	5.01	5.67	17	Pass
NVNT	ac20	5200	Ant3	1.15	5.01	6.16	17	Pass
NVNT	ac20	5240	Ant3	0.89	5.01	5.9	17	Pass
NVNT	ac40	5190	Ant3	-1.58	7.27	5.69	17	Pass
NVNT	ac40	5230	Ant3	-2.97	7.27	4.3	17	Pass
NVNT	ac80	5210	Ant3	-4.46	9.85	5.39	17	Pass
NVNT	ax20	5180	Ant3	1.69	5.48	7.17	17	Pass
NVNT	ax20	5200	Ant3	1.11	5.47	6.58	17	Pass
NVNT	ax20	5240	Ant3	0.82	5.48	6.3	17	Pass
NVNT	ax40	5190	Ant3	-1.86	7.64	5.78	17	Pass
NVNT	ax40	5230	Ant3	-2.21	7.64	5.43	17	Pass
NVNT	ax80	5210	Ant3	-3.98	9.97	5.99	17	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5180	Ant4	2.11	4.53	6.64	17	Pass
NVNT	a	5200	Ant4	1.5	4.53	6.03	17	Pass
NVNT	a	5240	Ant4	1.13	4.53	5.66	17	Pass
NVNT	n20	5180	Ant4	1.03	5.02	6.05	17	Pass
NVNT	n20	5200	Ant4	0.93	5.03	5.96	17	Pass
NVNT	n20	5240	Ant4	0.38	5.02	5.4	17	Pass
NVNT	n40	5190	Ant4	-2.38	7.3	4.92	17	Pass
NVNT	n40	5230	Ant4	-2.73	7.3	4.57	17	Pass
NVNT	ac20	5180	Ant4	1.18	5.01	6.19	17	Pass
NVNT	ac20	5200	Ant4	0.76	5.01	5.77	17	Pass
NVNT	ac20	5240	Ant4	0.81	5.01	5.82	17	Pass
NVNT	ac40	5190	Ant4	-2.34	7.27	4.93	17	Pass
NVNT	ac40	5230	Ant4	-2.71	7.27	4.56	17	Pass
NVNT	ac80	5210	Ant4	-5.04	9.85	4.81	17	Pass
NVNT	ax20	5180	Ant4	1.4	5.49	6.89	17	Pass
NVNT	ax20	5200	Ant4	0.44	5.49	5.93	17	Pass
NVNT	ax20	5240	Ant4	0.36	5.49	5.85	17	Pass
NVNT	ax40	5190	Ant4	-2.38	7.64	5.26	17	Pass
NVNT	ax40	5230	Ant4	-2.54	7.64	5.1	17	Pass
NVNT	ax80	5210	Ant4	-4.71	9.97	5.26	17	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm) Duty Factor (dBm/MHz)		Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
			Ant3	Ant4			
NVNT	n20	5180	6.27	6.05	9.17	16.45	Pass
NVNT	n20	5200	5.74	5.96	8.86	16.45	Pass
NVNT	n20	5240	5.9	5.4	8.67	16.45	Pass
NVNT	n40	5190	5.65	4.92	8.31	16.45	Pass
NVNT	n40	5230	4.45	4.57	7.52	16.45	Pass
NVNT	ac20	5180	5.67	6.19	8.95	16.45	Pass
NVNT	ac20	5200	6.16	5.77	8.98	16.45	Pass
NVNT	ac20	5240	5.9	5.82	8.87	16.45	Pass
NVNT	ac40	5190	5.69	4.93	8.34	16.45	Pass
NVNT	ac40	5230	4.3	4.56	7.44	16.45	Pass
NVNT	ac80	5210	5.39	4.81	8.12	16.45	Pass
NVNT	ax20	5180	7.17	6.89	10.04	16.45	Pass
NVNT	ax20	5200	6.58	5.93	9.28	16.45	Pass
NVNT	ax20	5240	6.3	5.85	9.09	16.45	Pass
NVNT	ax40	5190	5.78	5.26	8.54	16.45	Pass
NVNT	ax40	5230	5.43	5.1	8.28	16.45	Pass
NVNT	ax80	5210	5.99	5.26	8.65	16.45	Pass

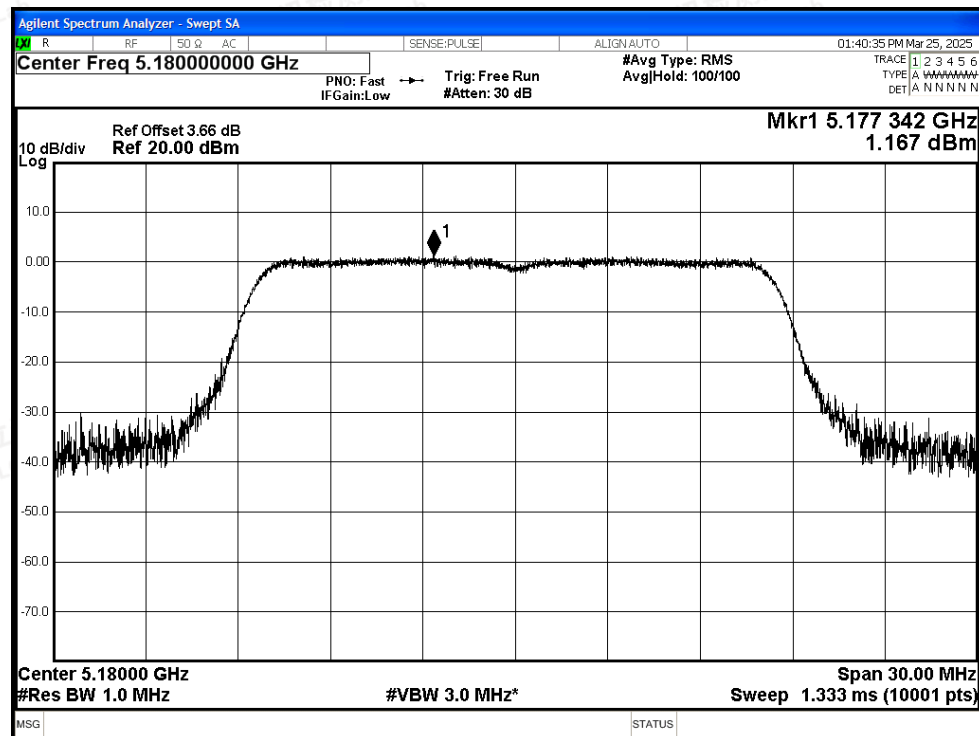


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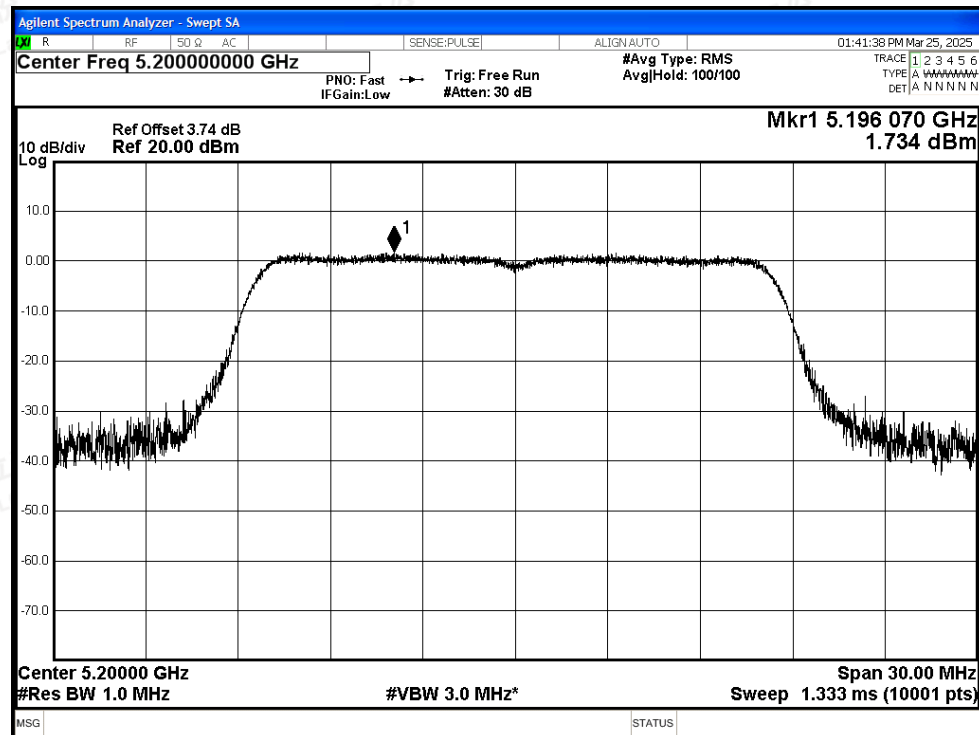


Test Graphs

PSD NVNT a 5180MHz Ant3

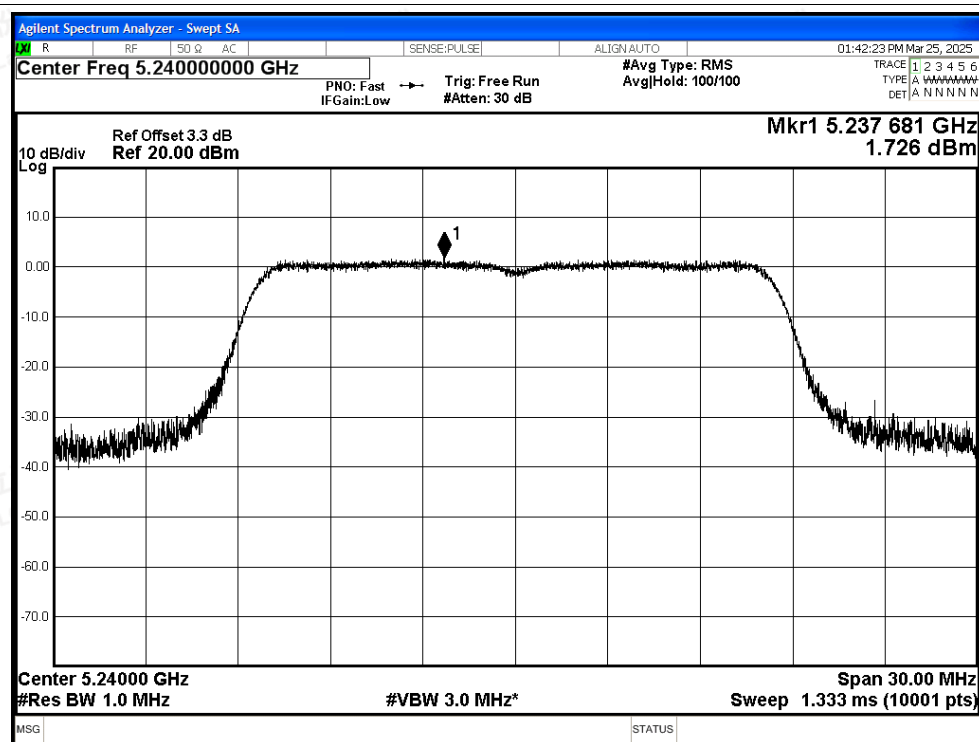


PSD NVNT a 5200MHz Ant3

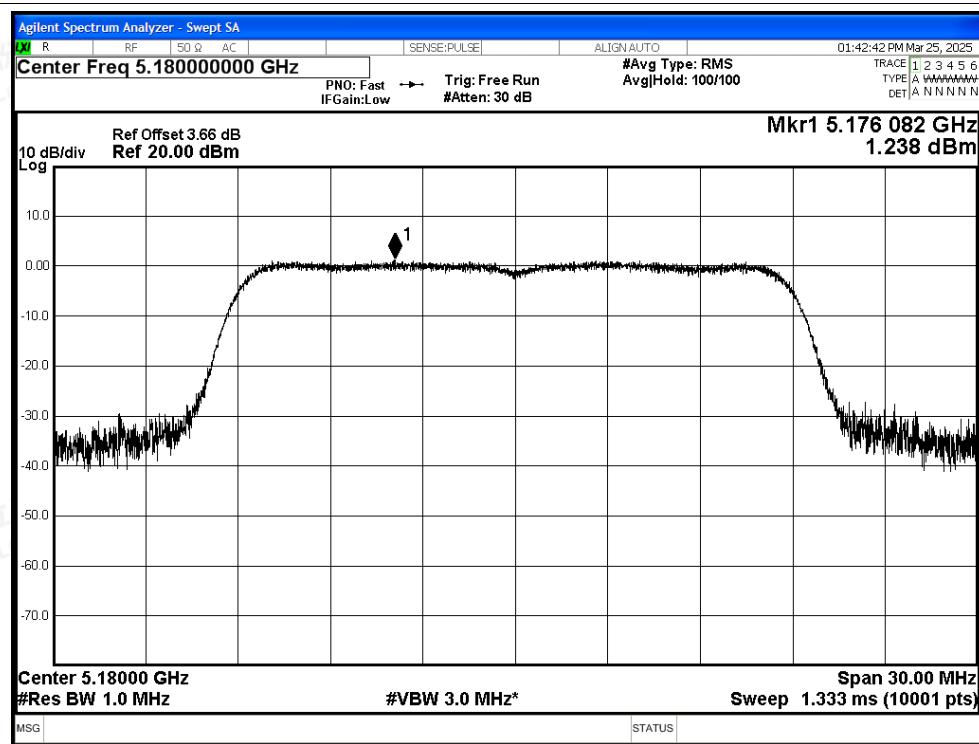


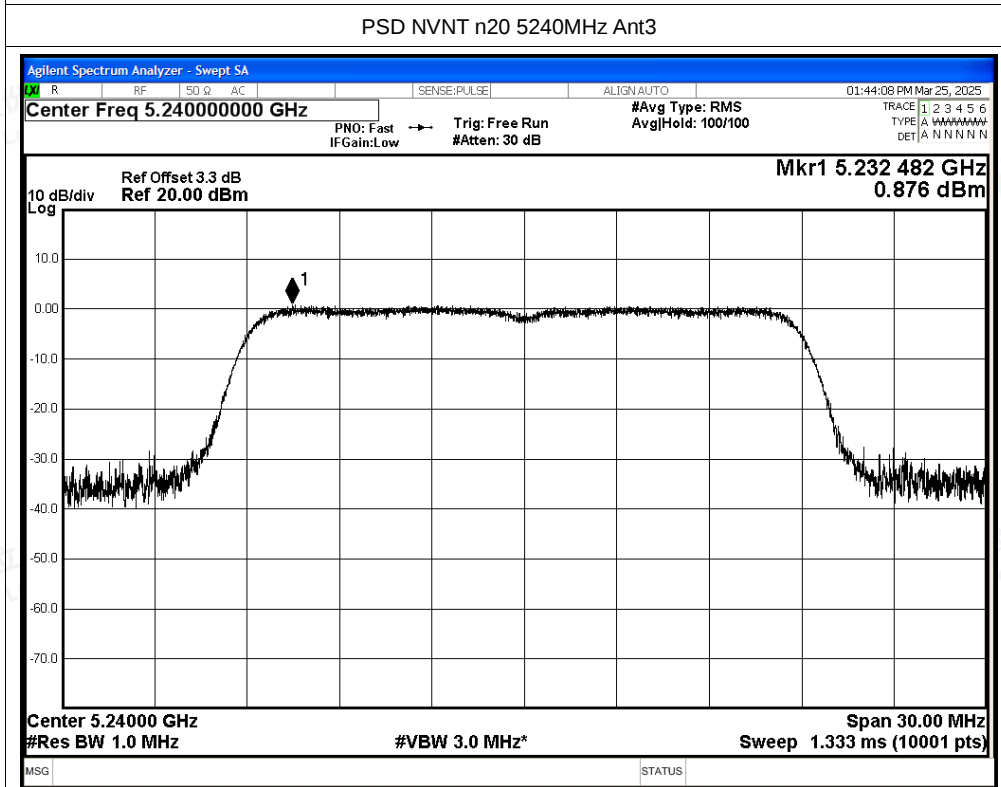
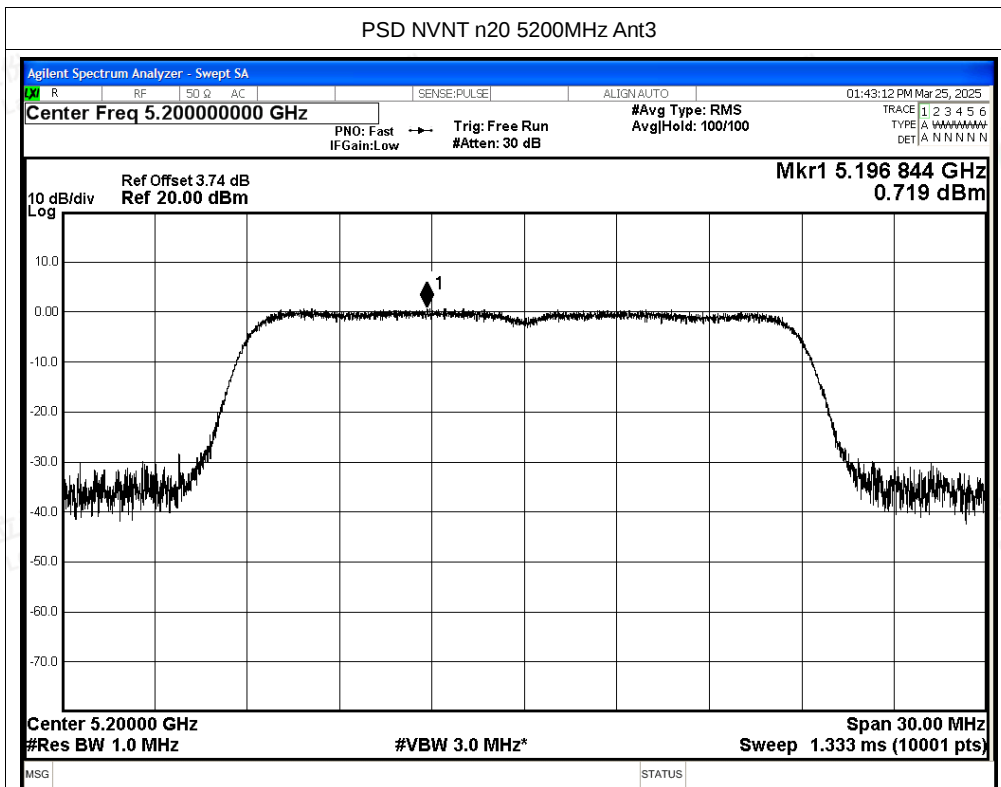


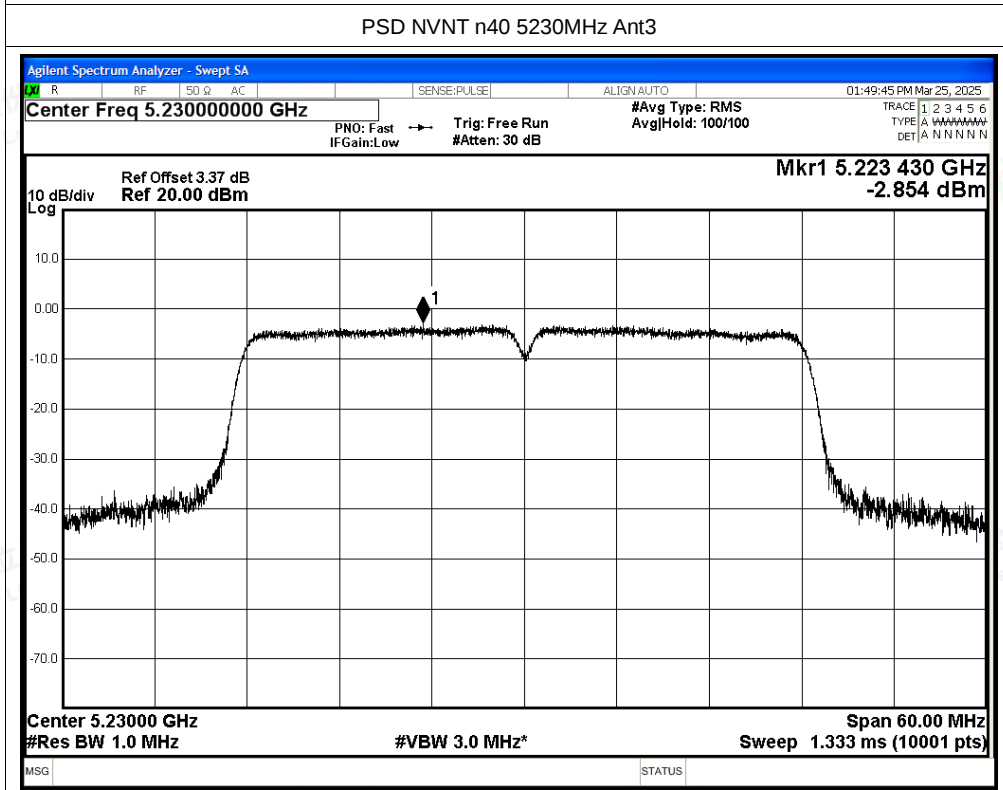
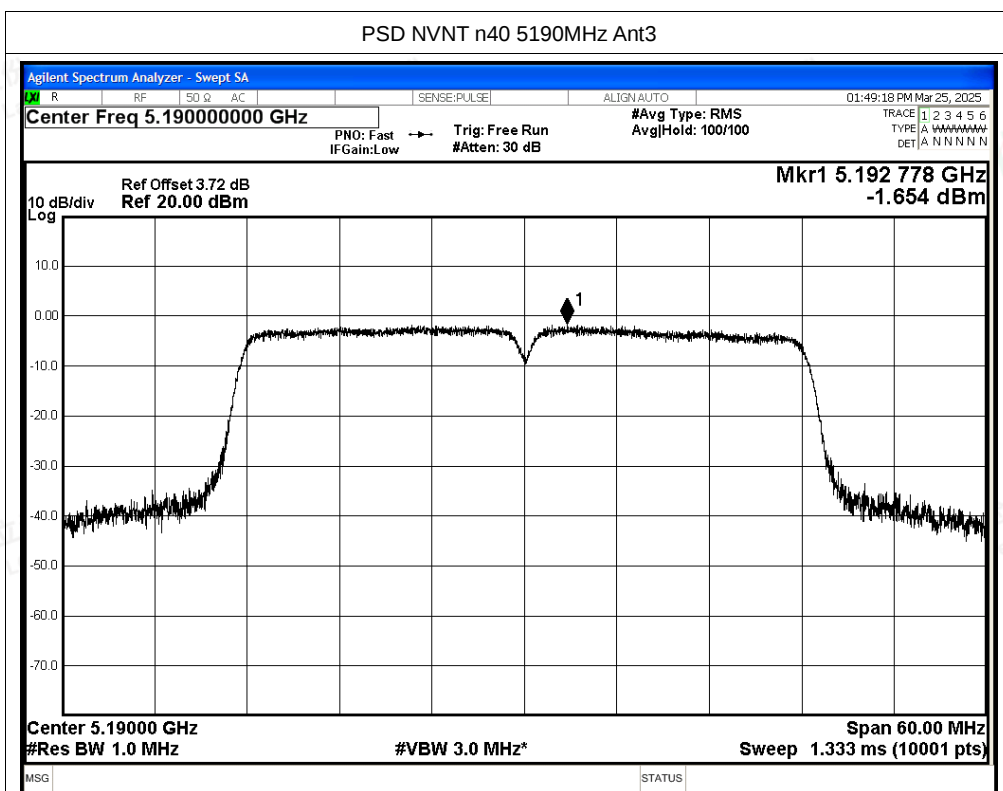
PSD NVNT a 5240MHz Ant3



PSD NVNT n20 5180MHz Ant3



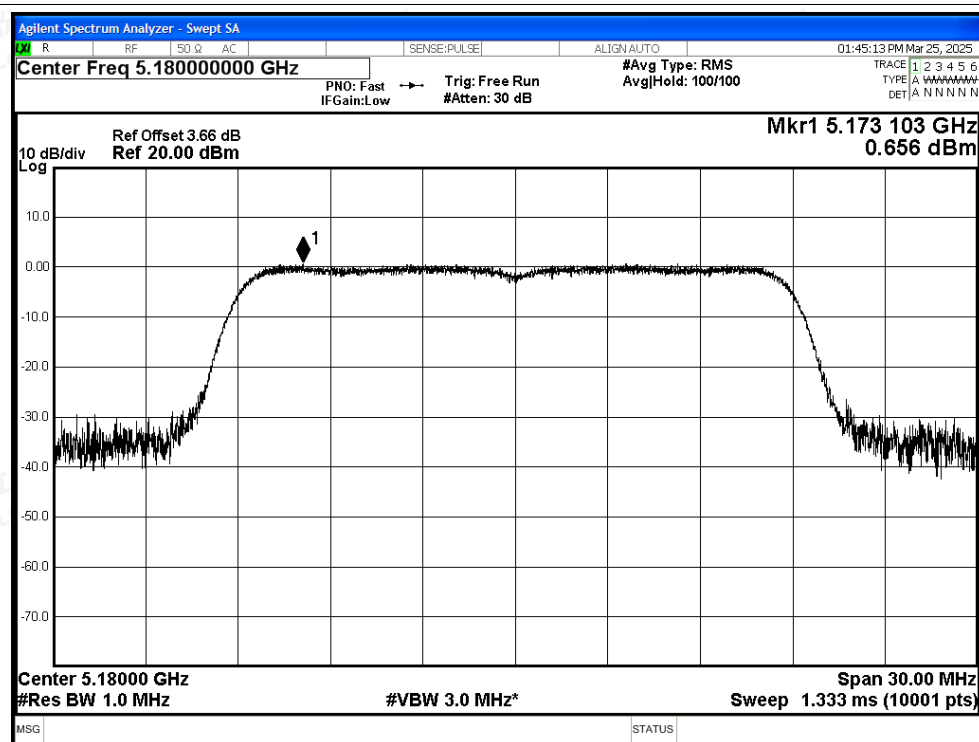




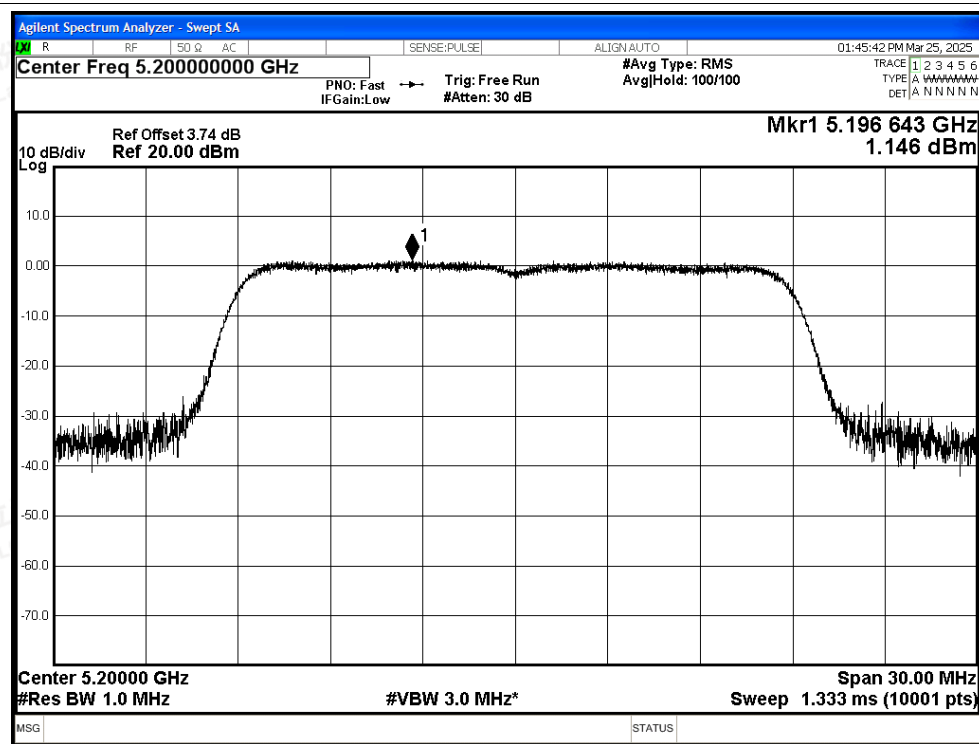
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PSD NVNT ac20 5180MHz Ant3

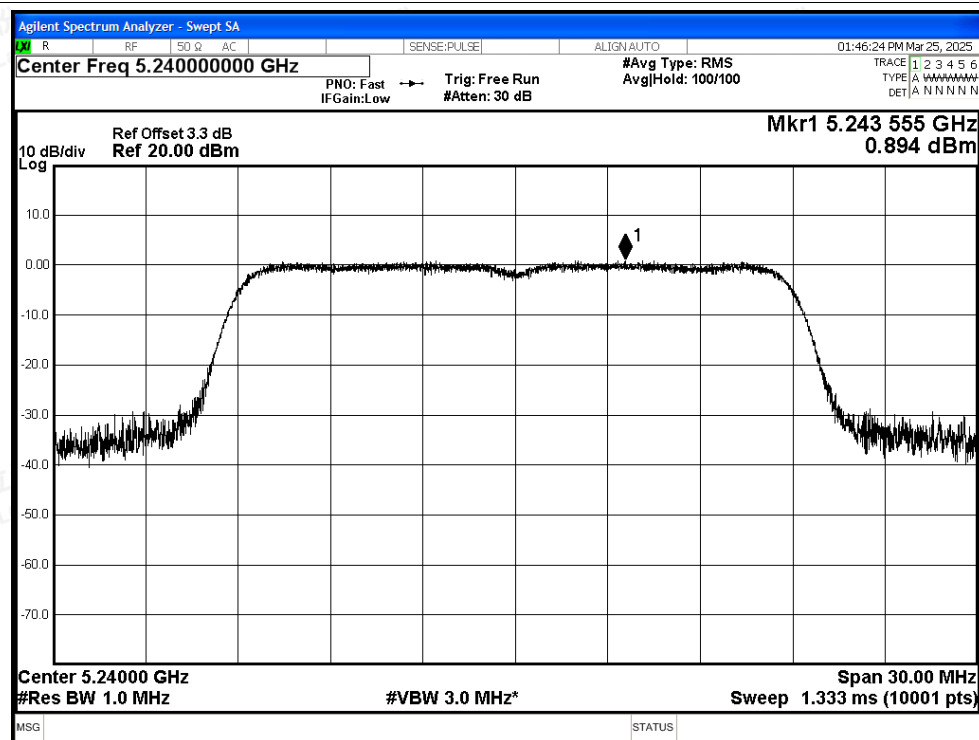


PSD NVNT ac20 5200MHz Ant3

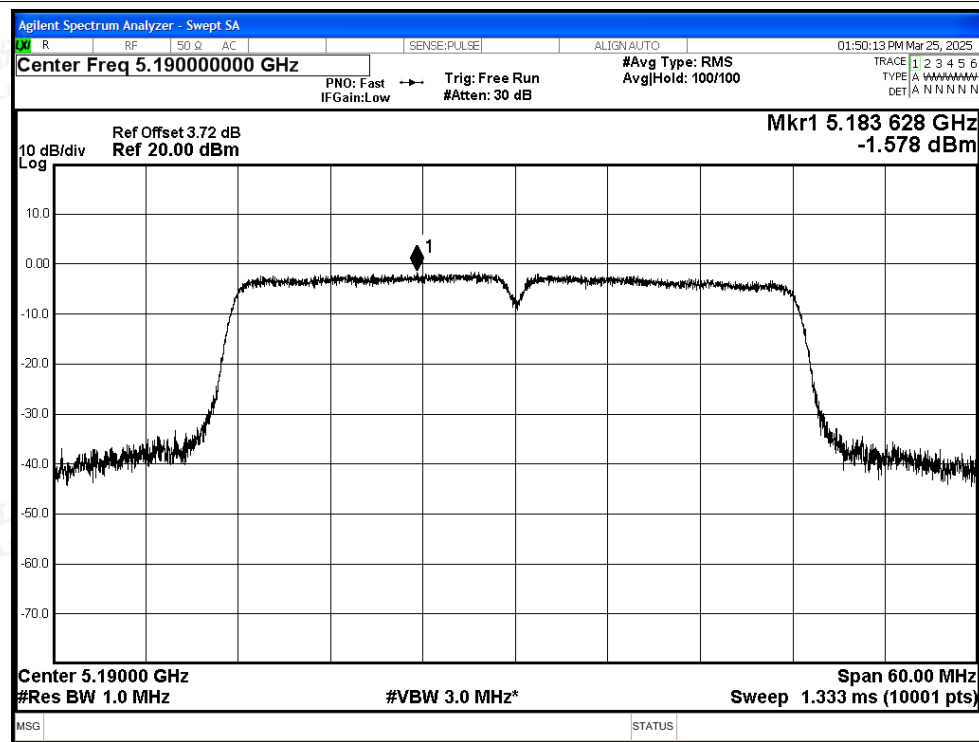




PSD NVNT ac20 5240MHz Ant3

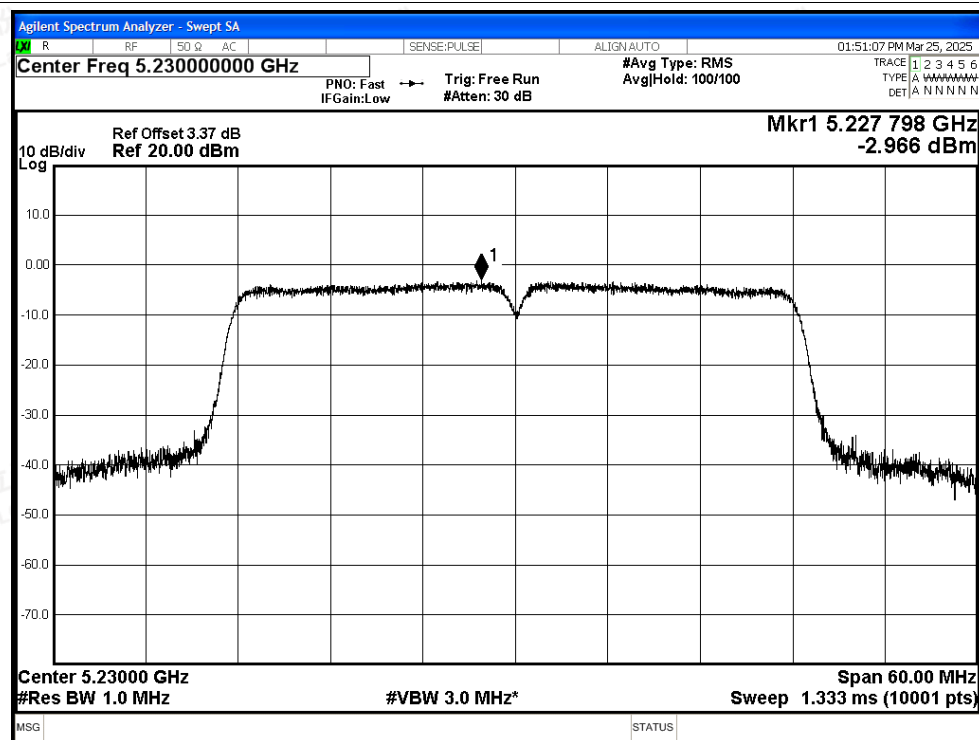


PSD NVNT ac40 5190MHz Ant3

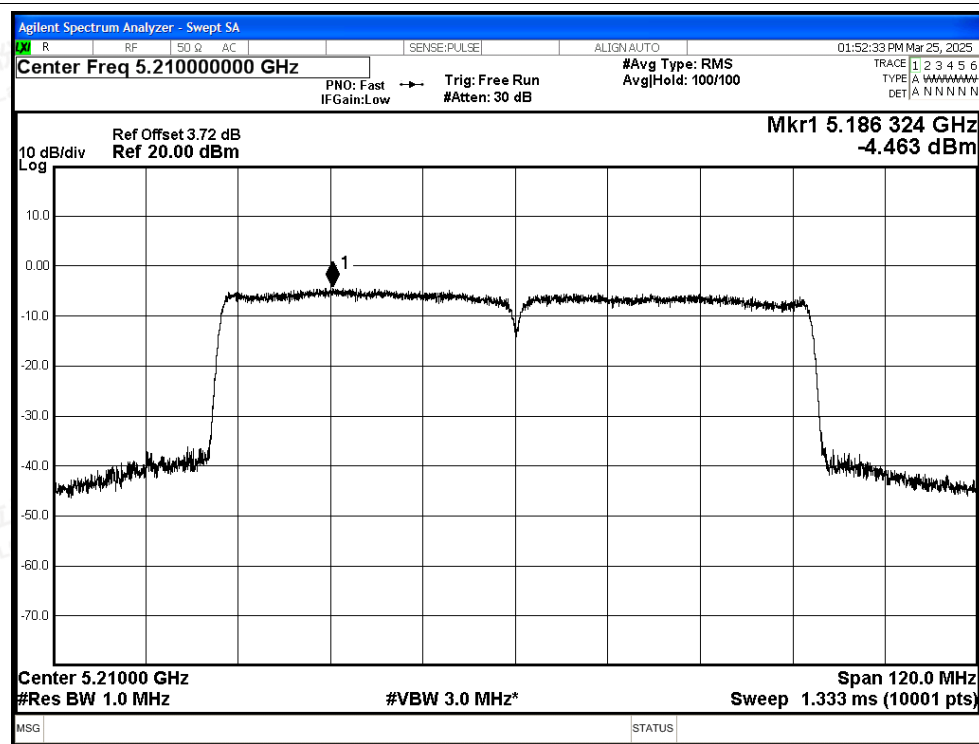




PSD NVNT ac40 5230MHz Ant3

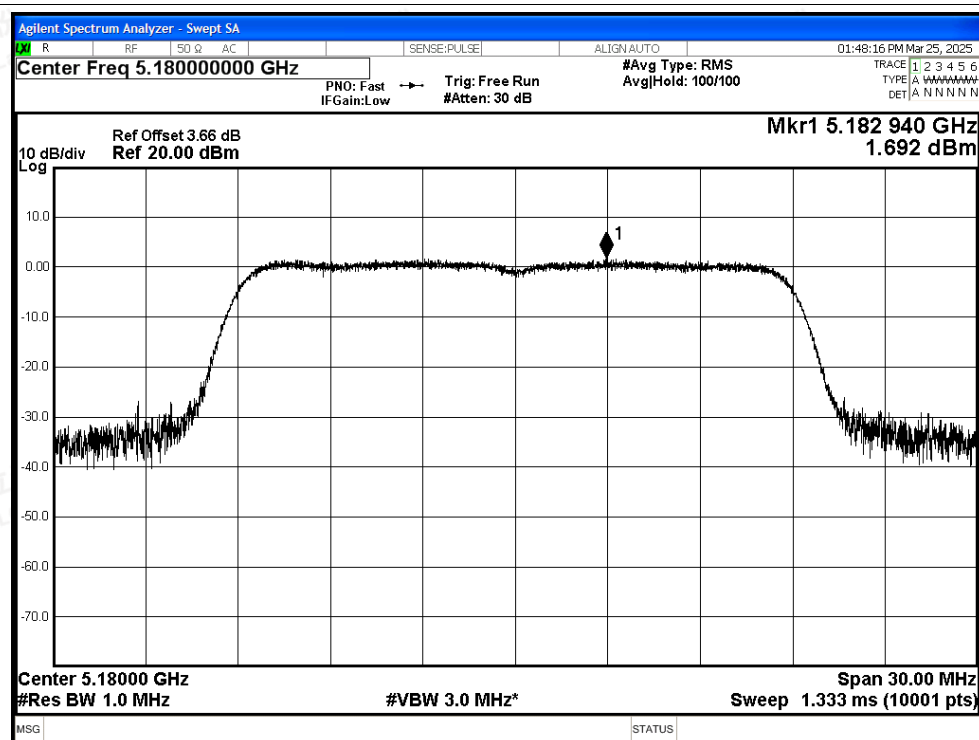


PSD NVNT ac80 5210MHz Ant3

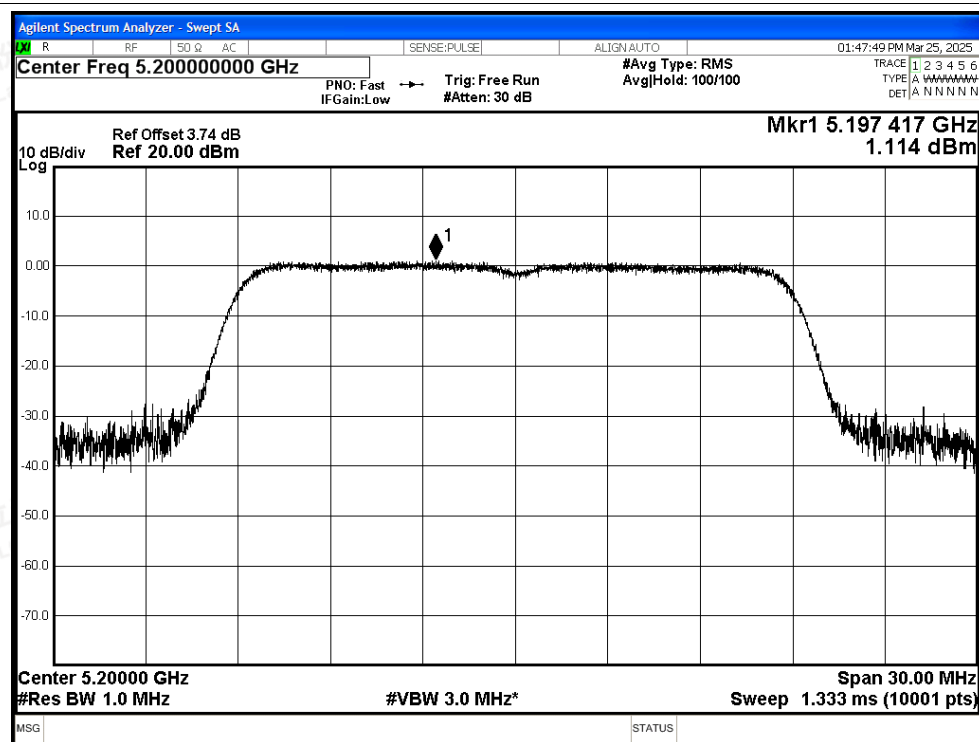




PSD NVNT ax20 5180MHz Ant3

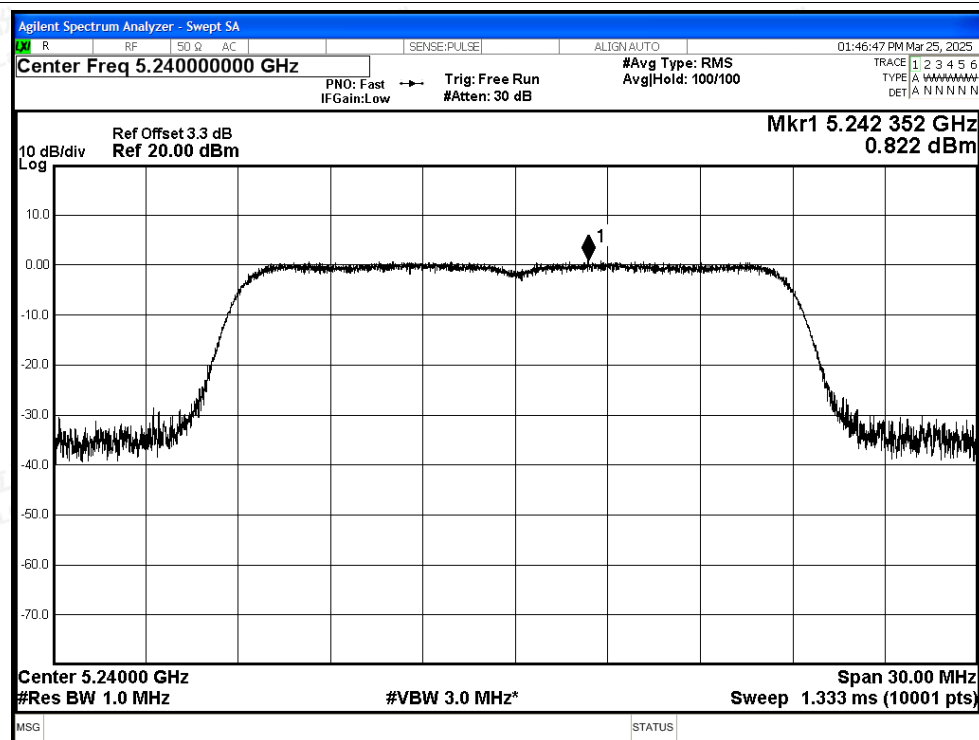


PSD NVNT ax20 5200MHz Ant3

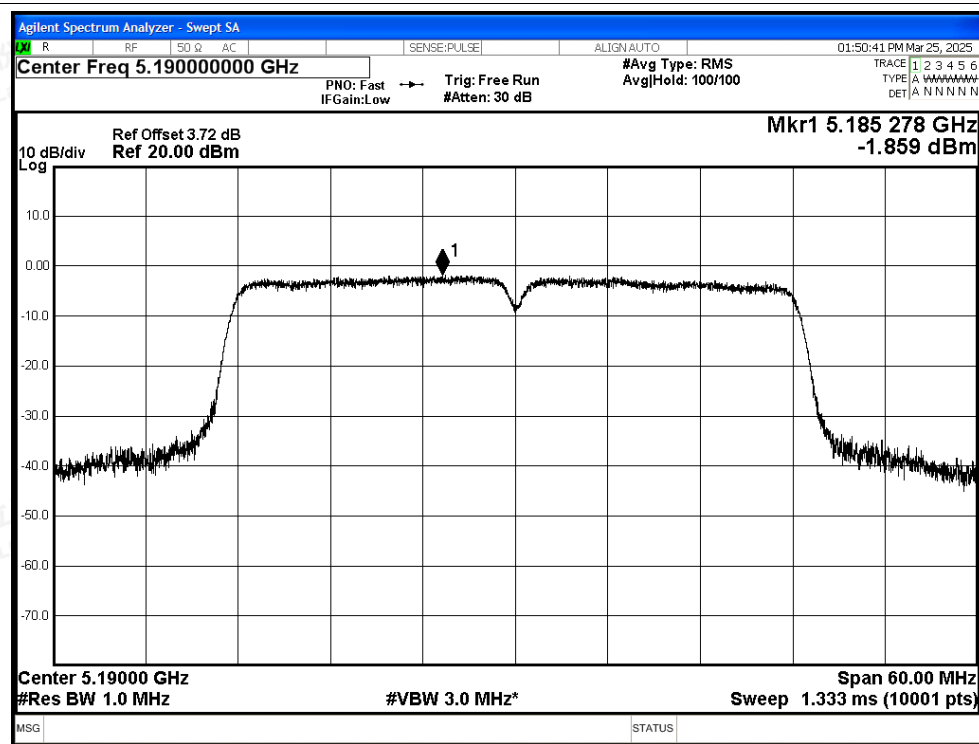




PSD NVNT ax20 5240MHz Ant3

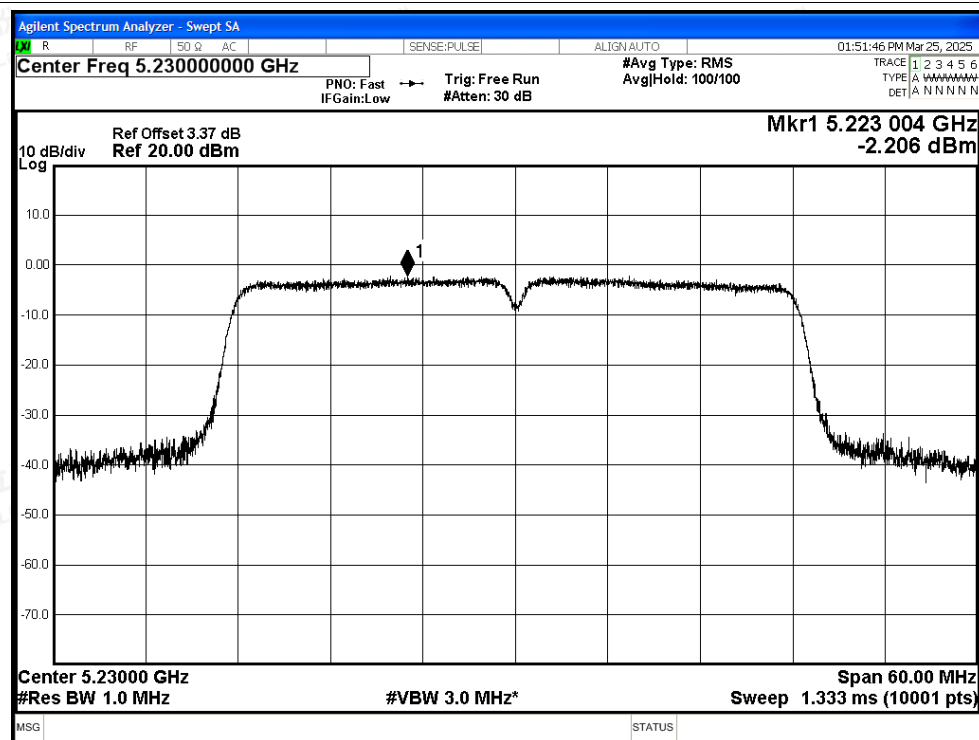


PSD NVNT ax40 5190MHz Ant3

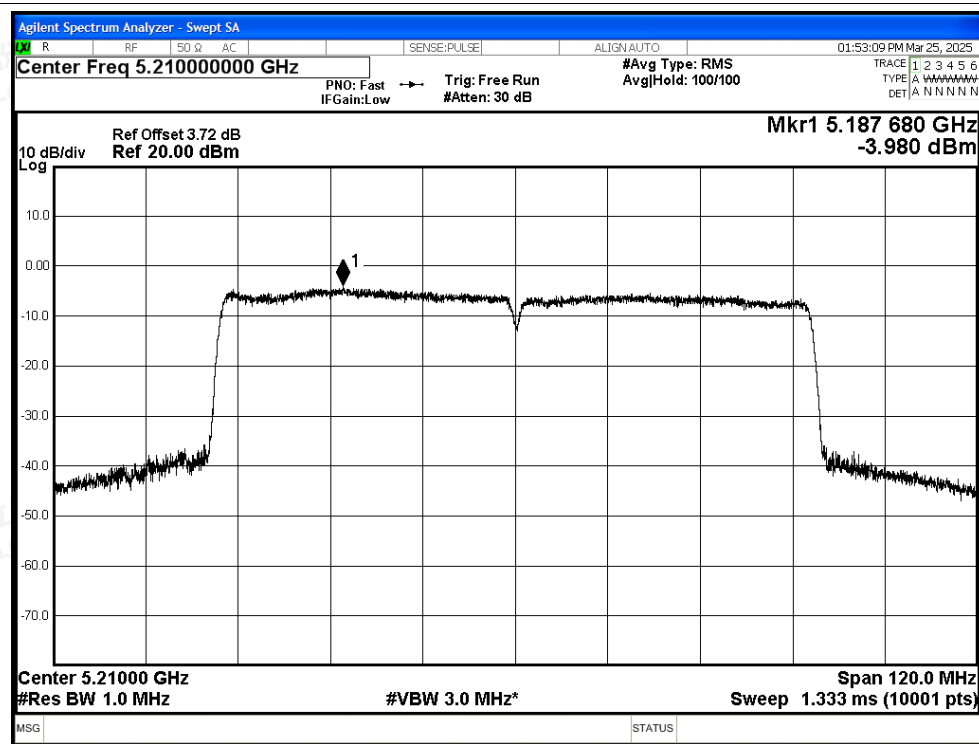




PSD NVNT ax40 5230MHz Ant3



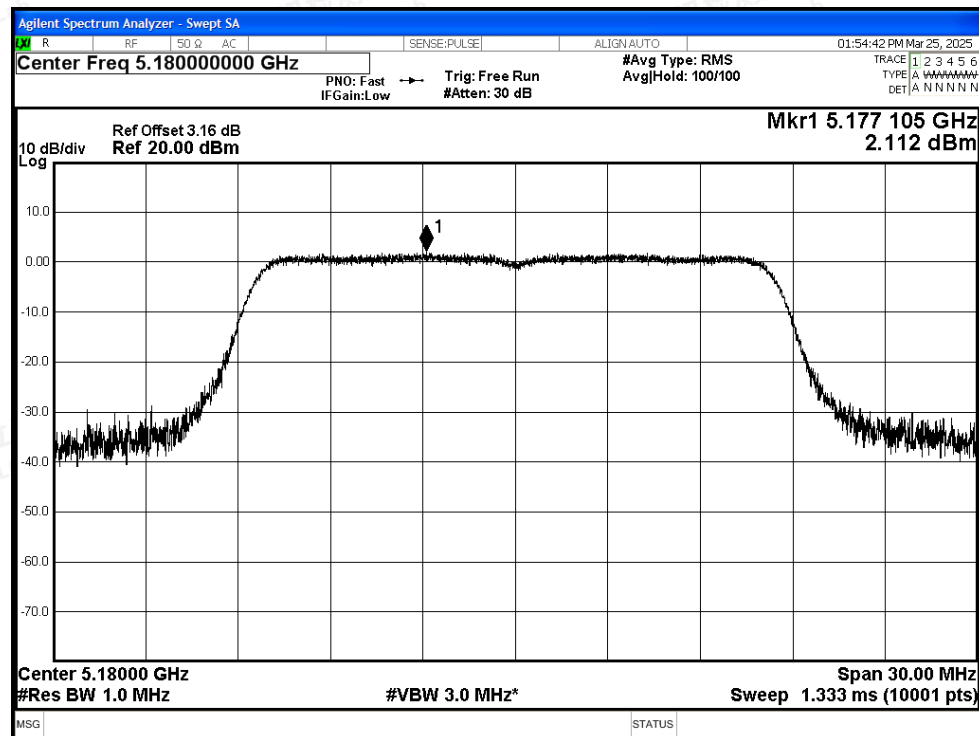
PSD NVNT ax80 5210MHz Ant3



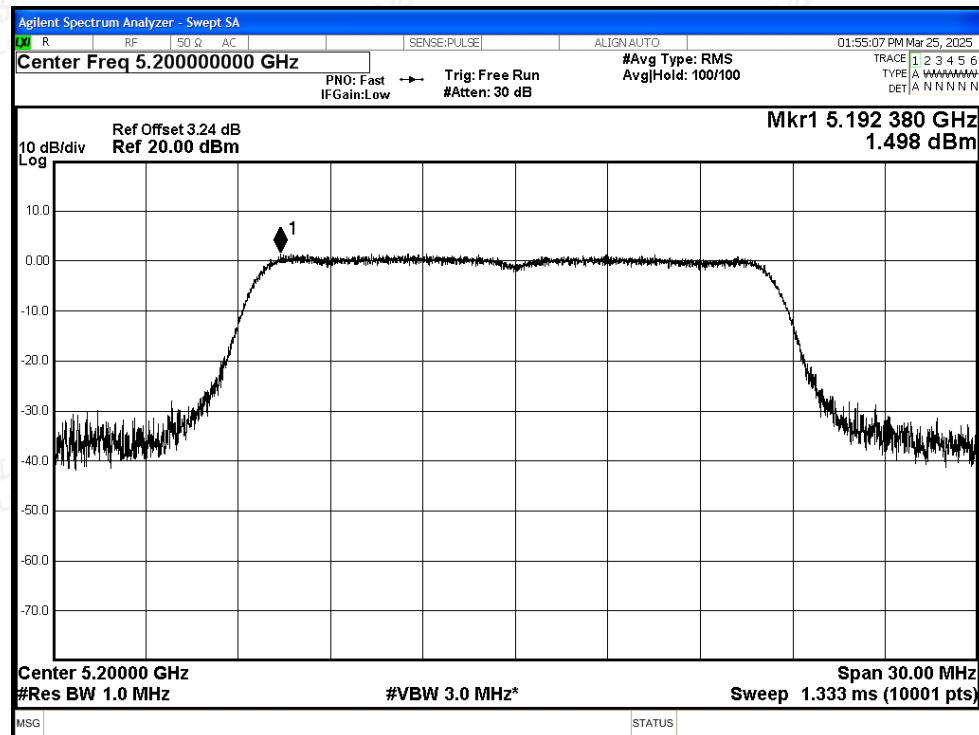


Test Graphs

PSD NVNT a 5180MHz Ant4

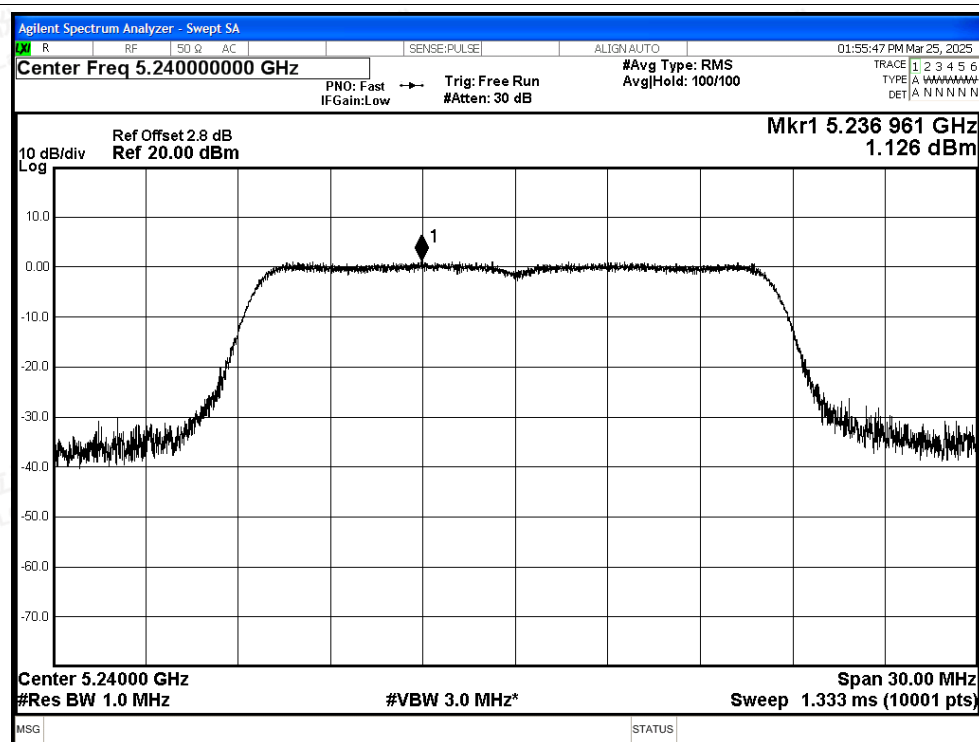


PSD NVNT a 5200MHz Ant4

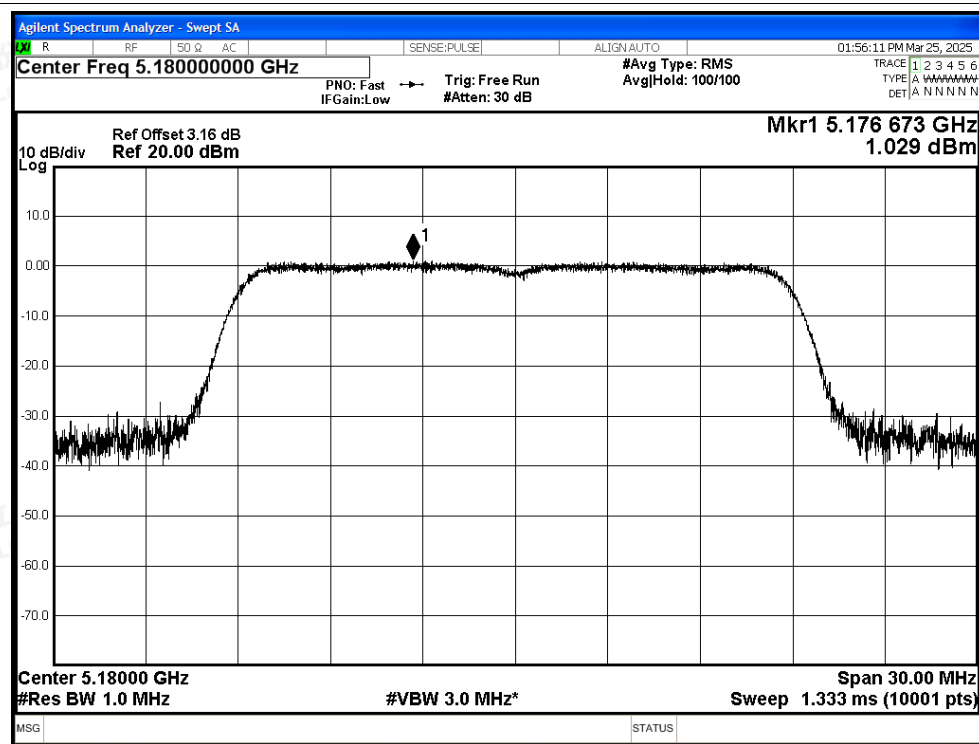


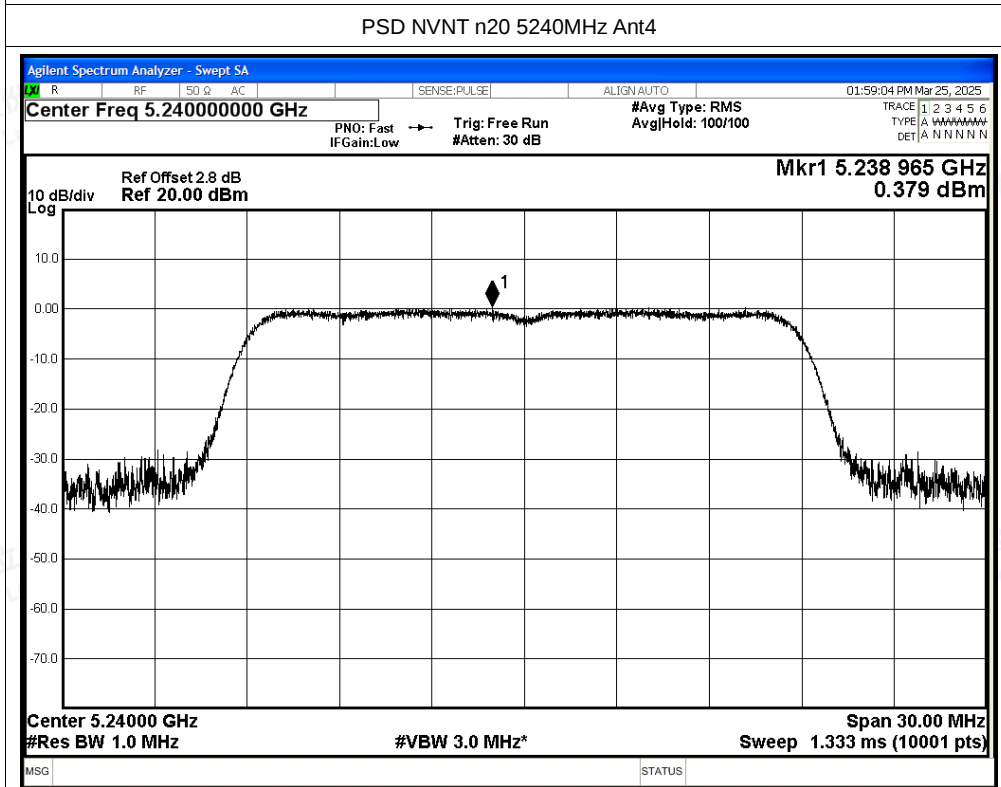
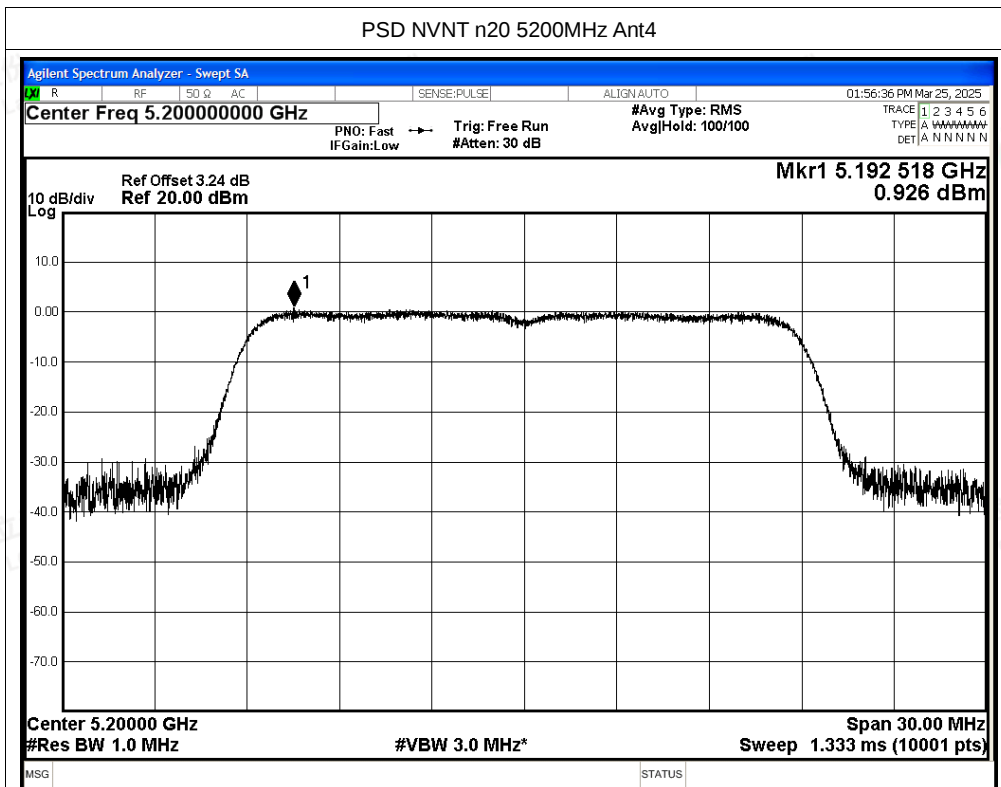


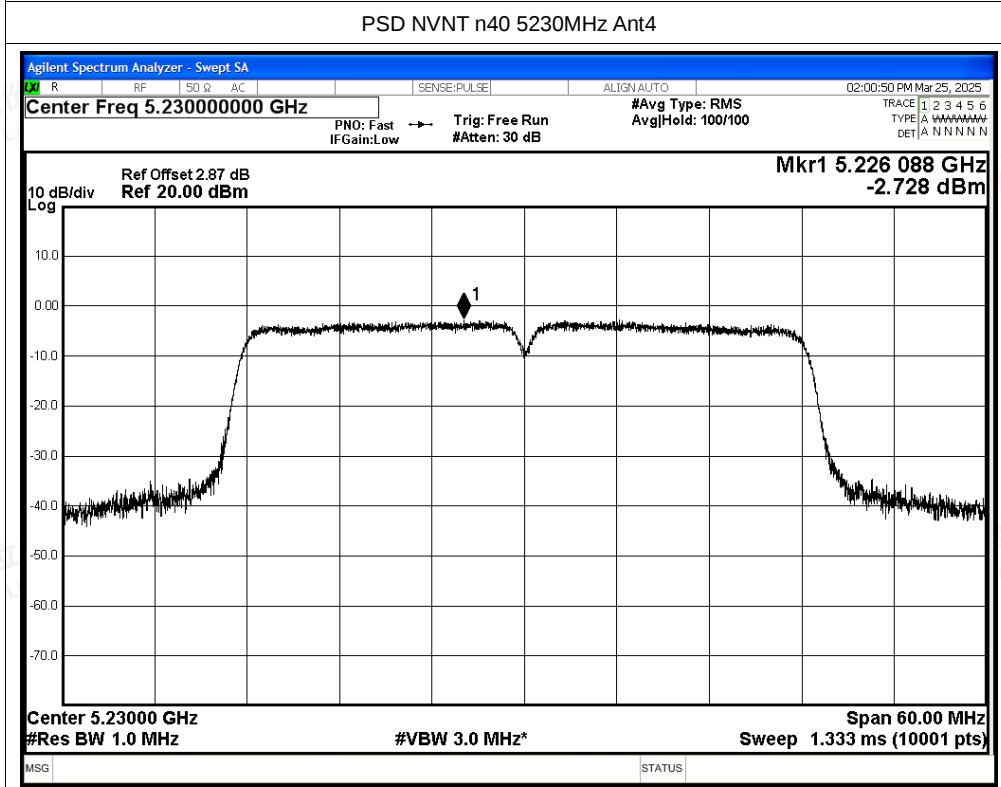
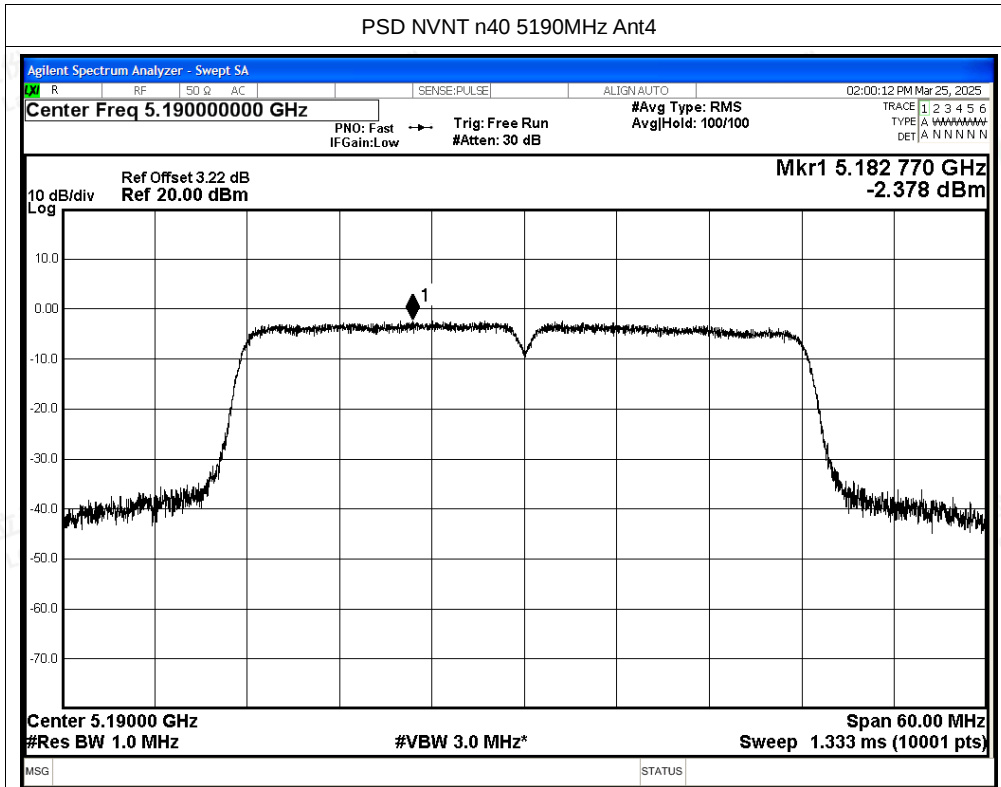
PSD NVNT a 5240MHz Ant4

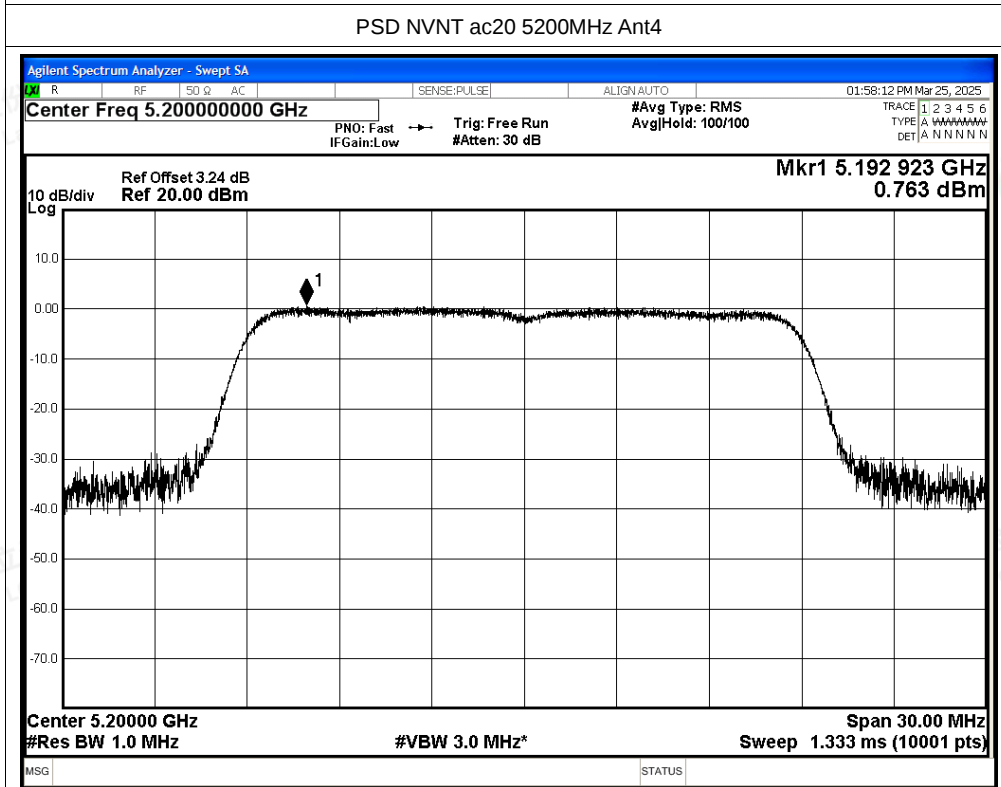
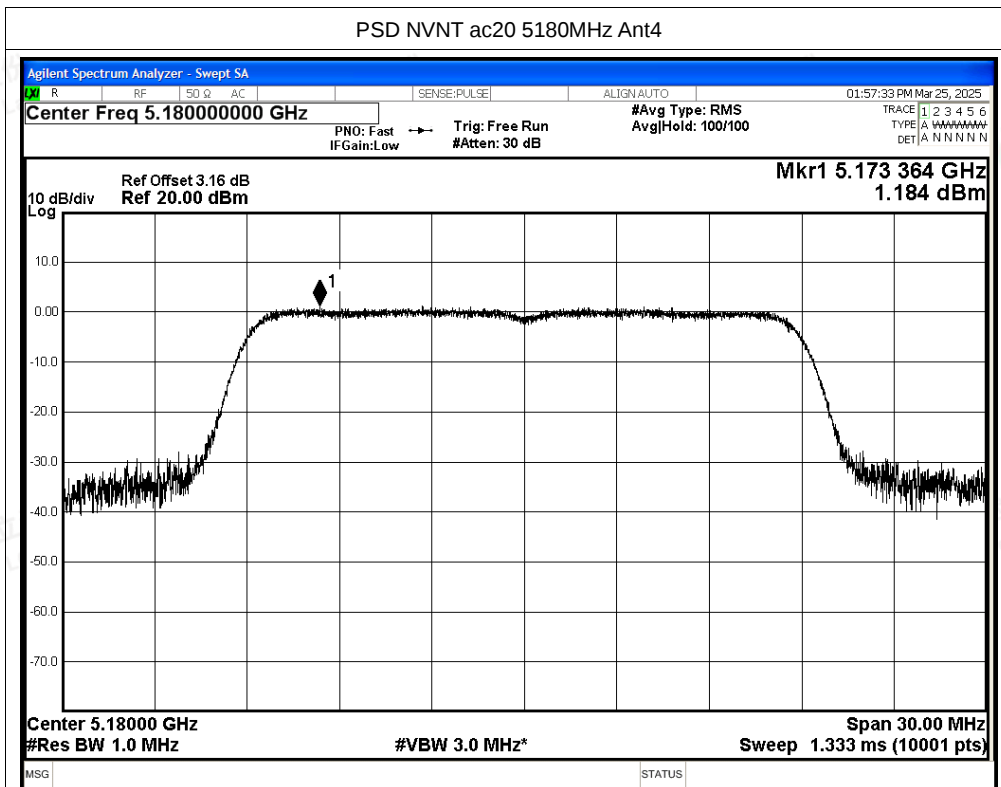


PSD NVNT n20 5180MHz Ant4



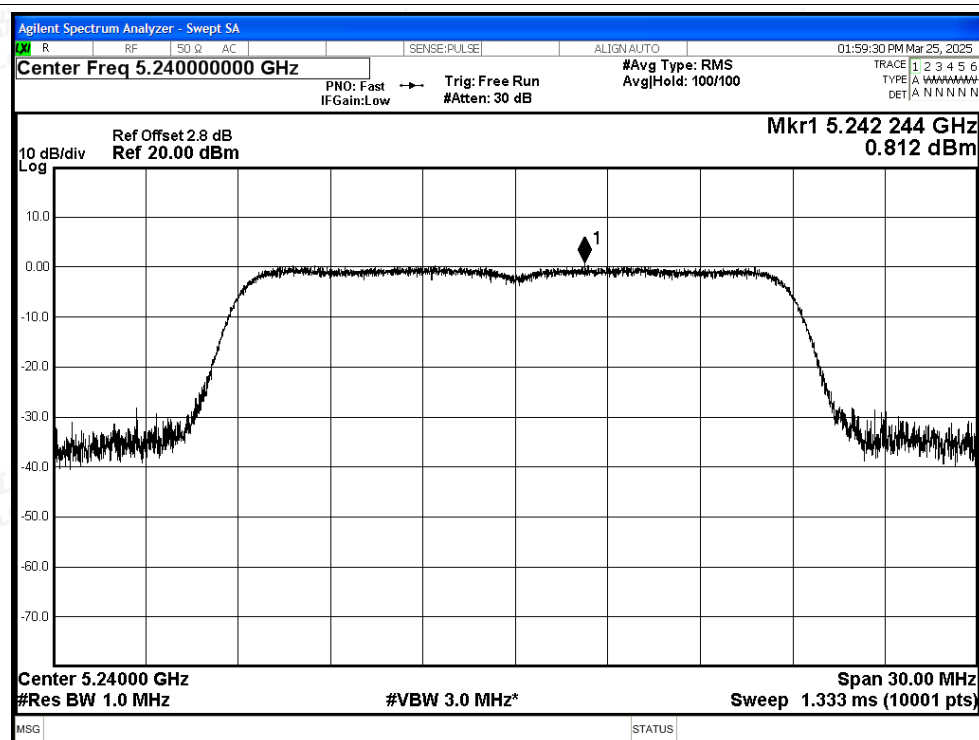




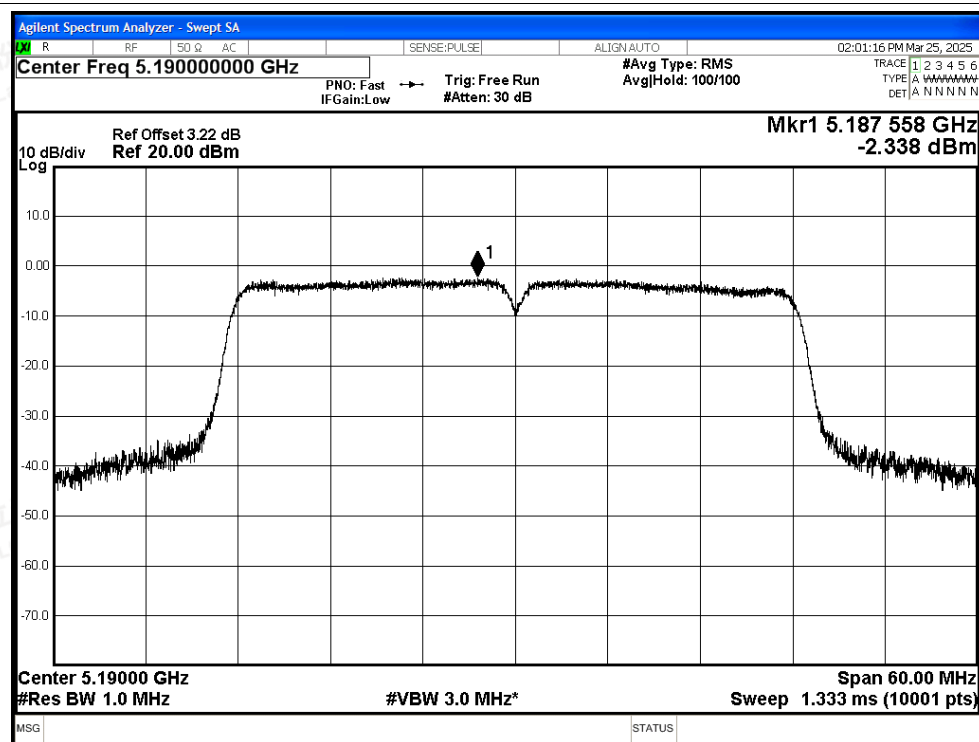




PSD NVNT ac20 5240MHz Ant4

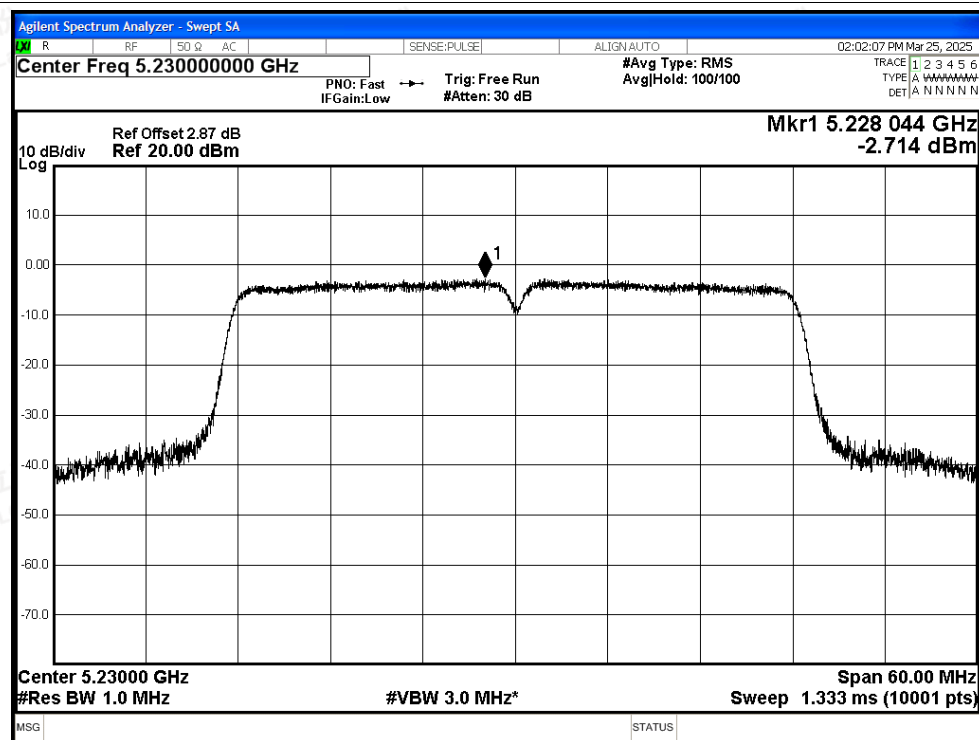


PSD NVNT ac40 5190MHz Ant4

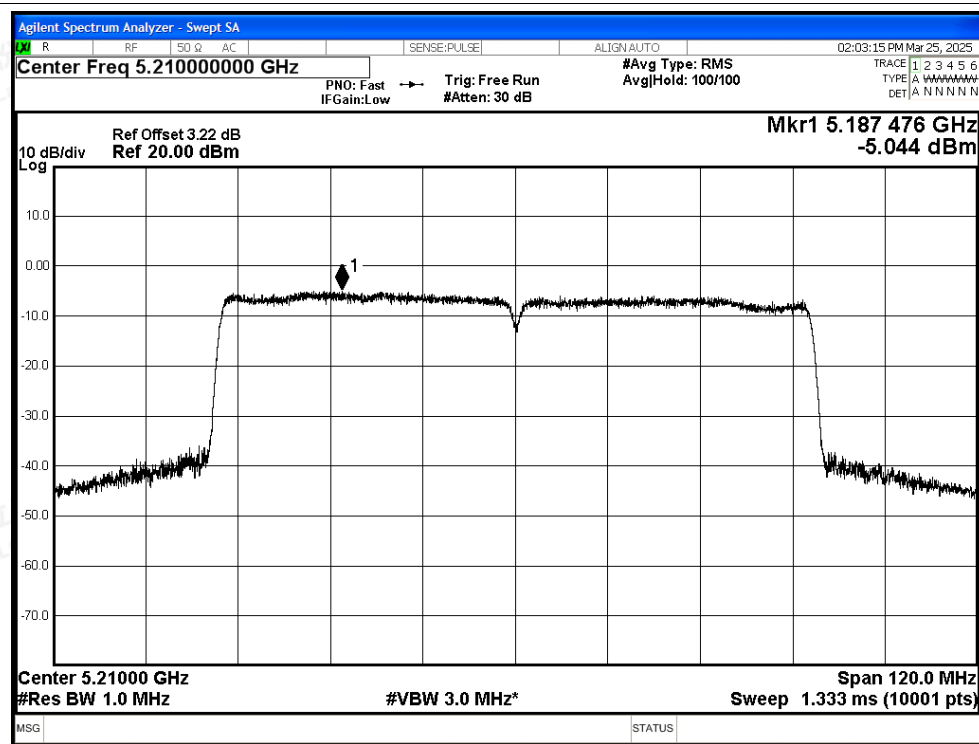




PSD NVNT ac40 5230MHz Ant4

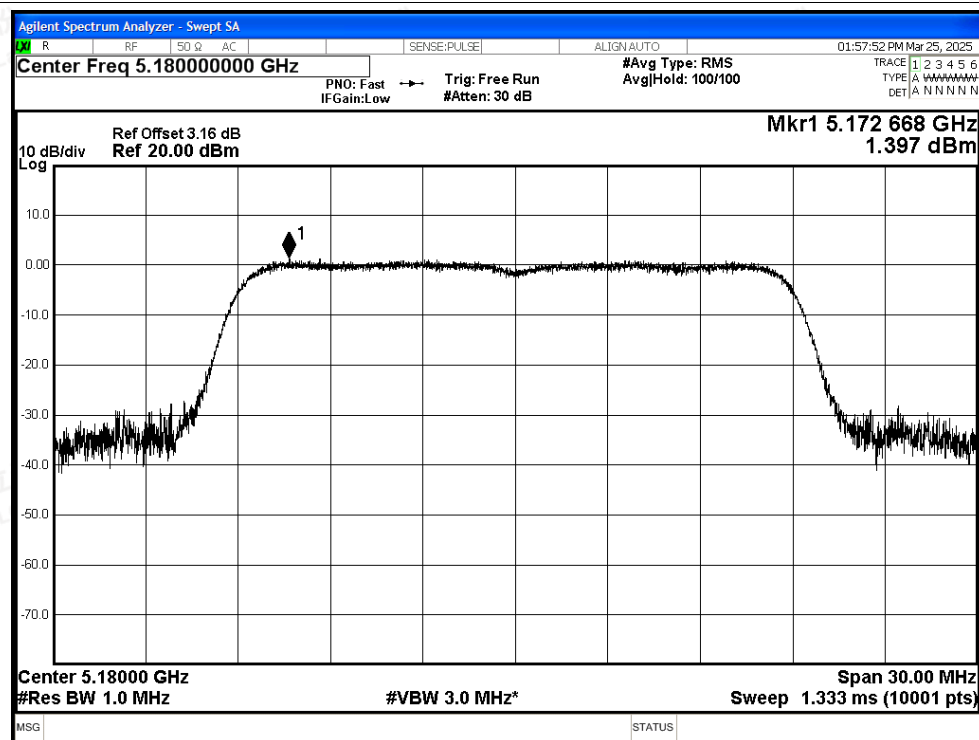


PSD NVNT ac80 5210MHz Ant4

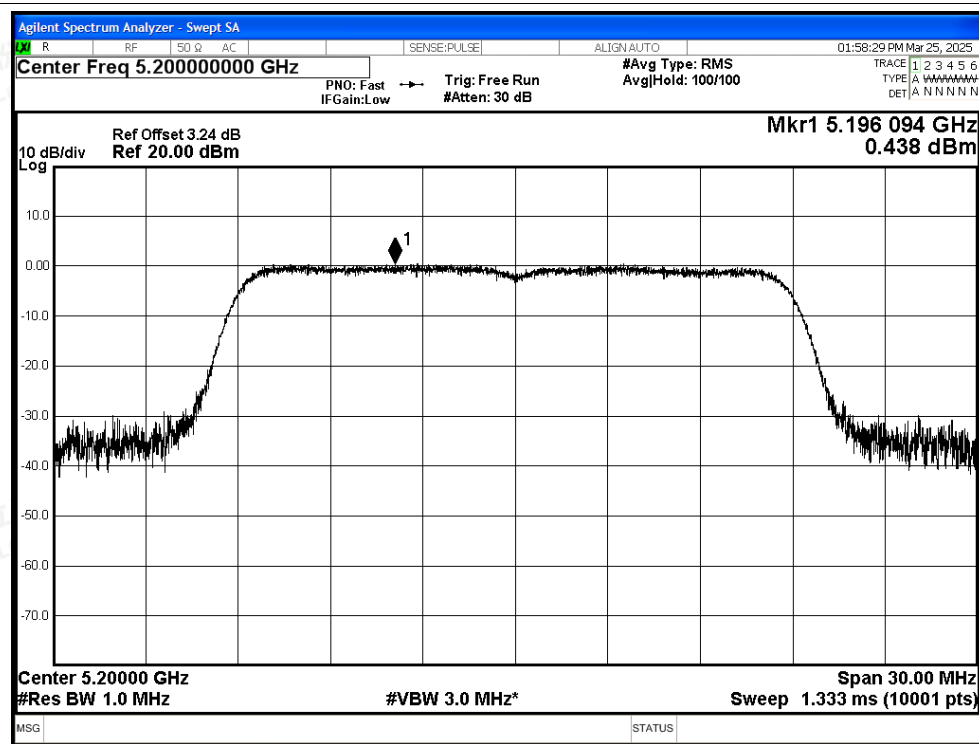




PSD NVNT ax20 5180MHz Ant4

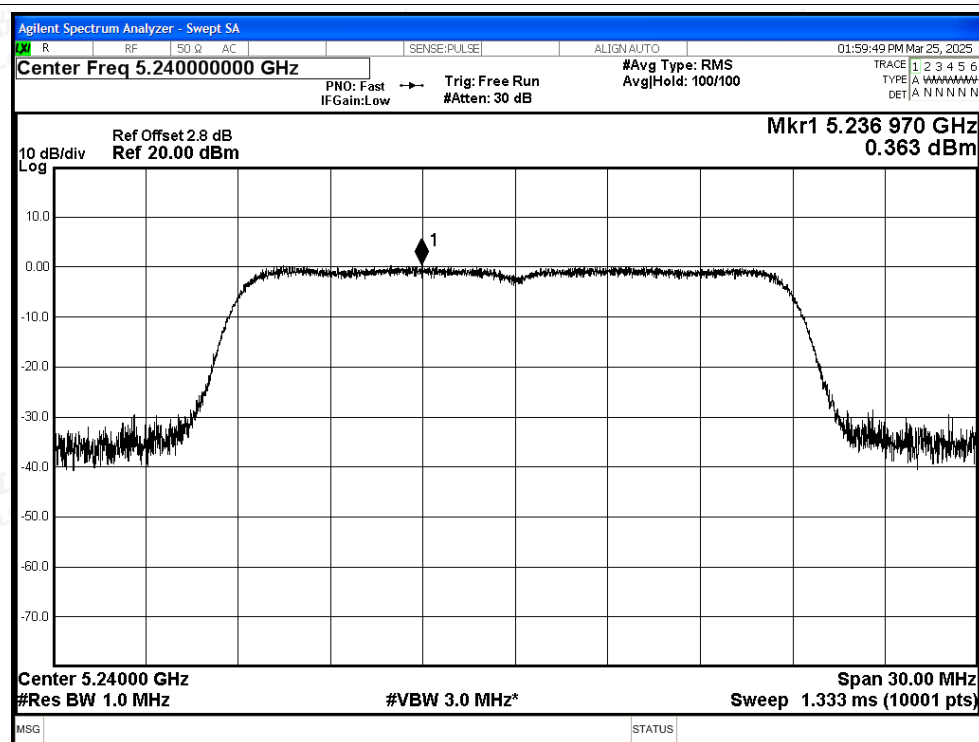


PSD NVNT ax20 5200MHz Ant4

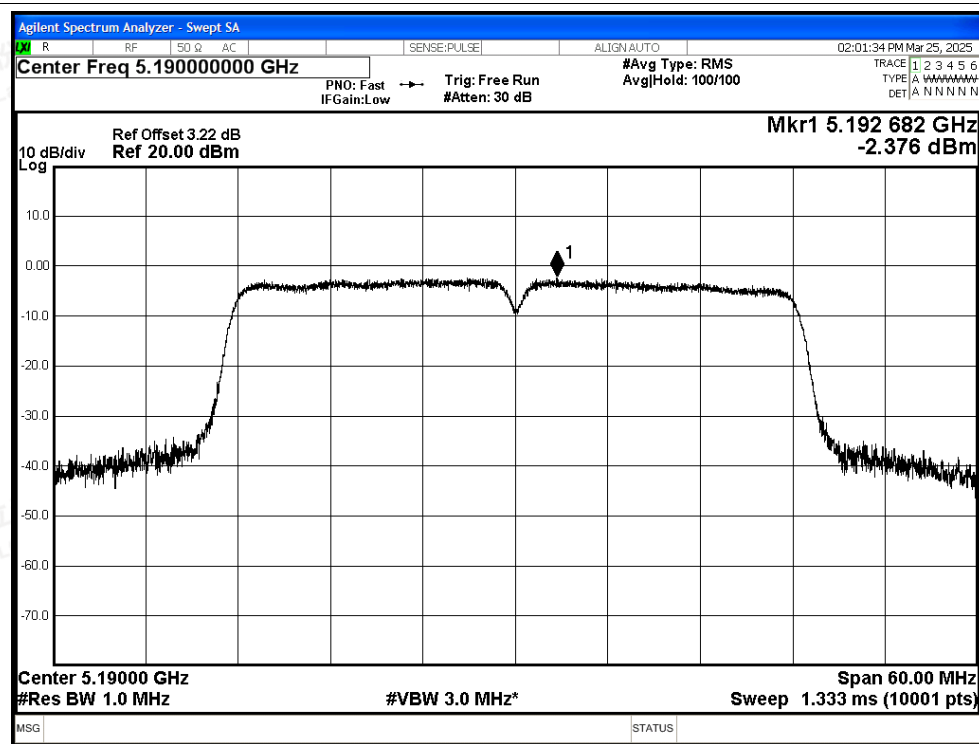




PSD NVNT ax20 5240MHz Ant4

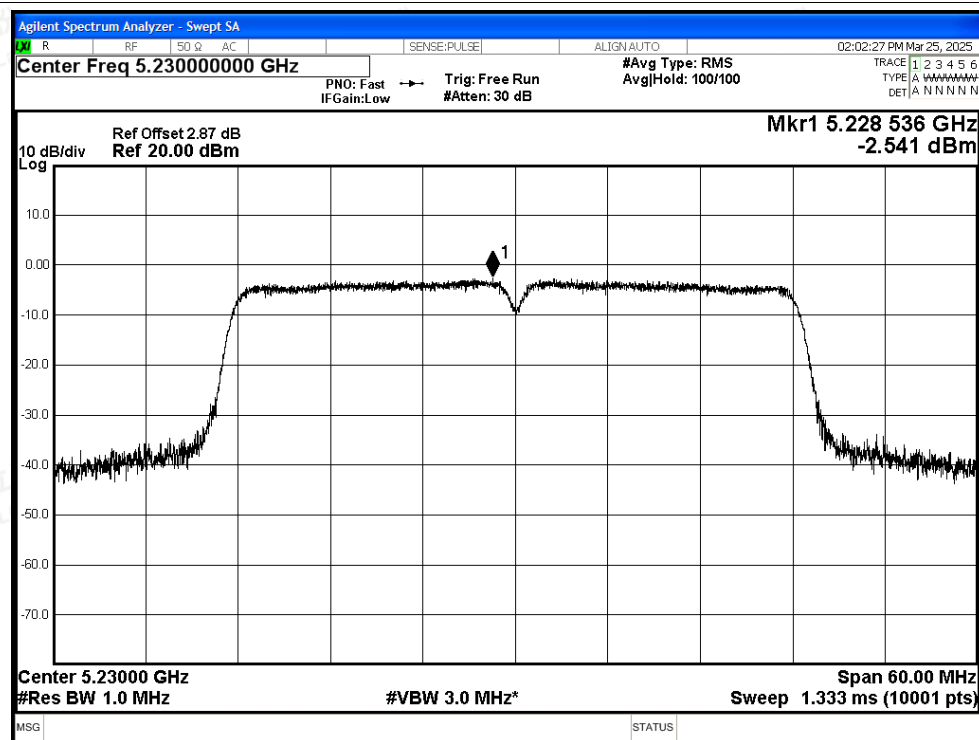


PSD NVNT ax40 5190MHz Ant4

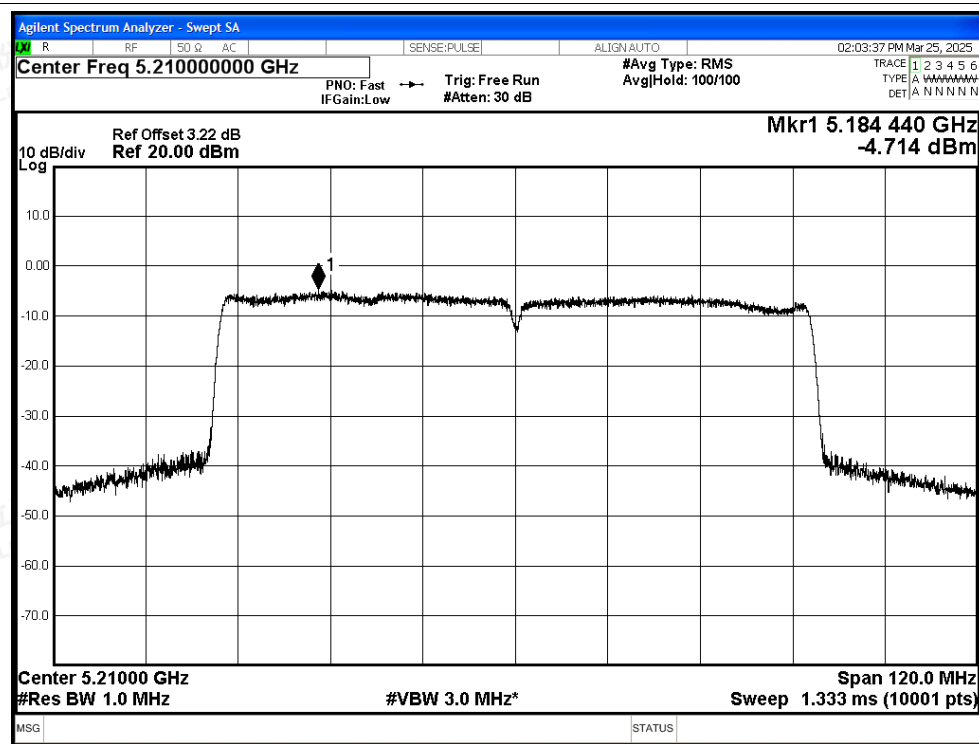




PSD NVNT ax40 5230MHz Ant4



PSD NVNT ax80 5210MHz Ant4





B.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	5180	Ant3	4500	-49.08	3.54	-	49.72	Peak	68.2	Pass
NVNT	a	5180	Ant3	4500	-58.72	3.54	4.53	44.61	Average	54	Pass
NVNT	a	5180	Ant3	5032.7	-46.41	3.54	-	52.39	Peak	68.2	Pass
NVNT	a	5180	Ant3	5049.5	-56.05	3.54	4.53	47.28	Average	54	Pass
NVNT	a	5180	Ant3	5150	-48.6	3.54	-	50.20	Peak	68.2	Pass
NVNT	a	5180	Ant3	5150	-56.73	3.54	4.53	46.60	Average	54	Pass
NVNT	a	5240	Ant3	5350	-48.43	3.54	-	50.37	Peak	68.2	Pass
NVNT	a	5240	Ant3	5350	-57.85	3.54	4.53	45.48	Average	54	Pass
NVNT	a	5240	Ant3	5365.2	-47.35	3.54	-	51.45	Peak	68.2	Pass
NVNT	a	5240	Ant3	5446.32	-56.72	3.54	4.53	46.61	Average	54	Pass
NVNT	a	5240	Ant3	5460	-50.37	3.54	-	48.43	Peak	68.2	Pass
NVNT	a	5240	Ant3	5460	-57.89	3.54	4.53	45.44	Average	54	Pass
NVNT	n20	5180	Ant3	4500	-50.29	3.54	-	48.51	Peak	68.2	Pass
NVNT	n20	5180	Ant3	4500	-58.39	3.54	5.03	45.44	Average	54	Pass
NVNT	n20	5180	Ant3	4935.4	-45.24	3.54	-	53.56	Peak	68.2	Pass
NVNT	n20	5180	Ant3	5136.3	-56.05	3.54	5.03	47.78	Average	54	Pass
NVNT	n20	5180	Ant3	5150	-48.98	3.54	-	49.82	Peak	68.2	Pass
NVNT	n20	5180	Ant3	5150	-56.8	3.54	5.03	47.03	Average	54	Pass
NVNT	n20	5240	Ant3	5350	-50.04	3.54	-	48.76	Peak	68.2	Pass
NVNT	n20	5240	Ant3	5350	-58.02	3.54	5.02	45.80	Average	54	Pass
NVNT	n20	5240	Ant3	5370.48	-46.53	3.54	-	52.27	Peak	68.2	Pass
NVNT	n20	5240	Ant3	5456.4	-56.79	3.54	5.02	47.03	Average	54	Pass
NVNT	n20	5240	Ant3	5460	-49.53	3.54	-	49.27	Peak	68.2	Pass
NVNT	n20	5240	Ant3	5460	-57.64	3.54	5.02	46.18	Average	54	Pass
NVNT	n40	5190	Ant3	4500	-50.36	3.54	-	48.44	Peak	68.2	Pass
NVNT	n40	5190	Ant3	4500	-57.79	3.54	7.3	48.31	Average	54	Pass
NVNT	n40	5190	Ant3	4986.18	-45.5	3.54	-	53.30	Peak	68.2	Pass
NVNT	n40	5190	Ant3	5063.56	-55.85	3.54	7.3	50.25	Average	54	Pass
NVNT	n40	5190	Ant3	5150	-48.69	3.54	-	50.11	Peak	68.2	Pass
NVNT	n40	5190	Ant3	5150	-56.9	3.54	7.3	49.20	Average	54	Pass
NVNT	n40	5230	Ant3	5350	-48.32	3.54	-	50.48	Peak	68.2	Pass
NVNT	n40	5230	Ant3	5350	-57.96	3.54	7.3	48.14	Average	54	Pass
NVNT	n40	5230	Ant3	5387.64	-46.03	3.54	-	52.77	Peak	68.2	Pass
NVNT	n40	5230	Ant3	5394.66	-56.79	3.54	7.3	49.31	Average	54	Pass
NVNT	n40	5230	Ant3	5460	-47.22	3.54	-	51.58	Peak	68.2	Pass
NVNT	n40	5230	Ant3	5460	-57.89	3.54	7.3	48.21	Average	54	Pass



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NVNT	ac20	5180	Ant3	4500	-48.88	3.54	-	49.92	Peak	68.2	Pass
NVNT	ac20	5180	Ant3	4500	-58.19	3.54	5.01	45.62	Average	54	Pass
NVNT	ac20	5180	Ant3	5018.7	-46.22	3.54	-	52.58	Peak	68.2	Pass
NVNT	ac20	5180	Ant3	5148.9	-55.98	3.54	5.01	47.83	Average	54	Pass
NVNT	ac20	5180	Ant3	5150	-47.12	3.54	-	51.68	Peak	68.2	Pass
NVNT	ac20	5180	Ant3	5150	-56.82	3.54	5.01	46.99	Average	54	Pass
NVNT	ac20	5240	Ant3	5350	-48.95	3.54	-	49.85	Peak	68.2	Pass
NVNT	ac20	5240	Ant3	5350	-57.99	3.54	5.01	45.82	Average	54	Pass
NVNT	ac20	5240	Ant3	5401.68	-47.33	3.54	-	51.47	Peak	68.2	Pass
NVNT	ac20	5240	Ant3	5451.12	-56.72	3.54	5.01	47.09	Average	54	Pass
NVNT	ac20	5240	Ant3	5460	-49.16	3.54	-	49.64	Peak	68.2	Pass
NVNT	ac20	5240	Ant3	5460	-57.33	3.54	5.01	46.48	Average	54	Pass
NVNT	ac40	5190	Ant3	4500	-49.76	3.54	-	49.04	Peak	68.2	Pass
NVNT	ac40	5190	Ant3	4500	-58.12	3.54	7.27	47.95	Average	54	Pass
NVNT	ac40	5190	Ant3	5016.11	-45.84	3.54	-	52.96	Peak	68.2	Pass
NVNT	ac40	5190	Ant3	5064.29	-55.91	3.54	7.27	50.16	Average	54	Pass
NVNT	ac40	5190	Ant3	5150	-49.6	3.54	-	49.20	Peak	68.2	Pass
NVNT	ac40	5190	Ant3	5150	-57.16	3.54	7.27	48.91	Average	54	Pass
NVNT	ac40	5230	Ant3	5350	-48.79	3.54	-	50.01	Peak	68.2	Pass
NVNT	ac40	5230	Ant3	5350	-57.44	3.54	7.27	48.63	Average	54	Pass
NVNT	ac40	5230	Ant3	5404.65	-46.67	3.54	-	52.13	Peak	68.2	Pass
NVNT	ac40	5230	Ant3	5360.1	-56.89	3.54	7.27	49.18	Average	54	Pass
NVNT	ac40	5230	Ant3	5460	-49.83	3.54	-	48.97	Peak	68.2	Pass
NVNT	ac40	5230	Ant3	5460	-57.24	3.54	7.27	48.83	Average	54	Pass
NVNT	ac80	5210	Ant3	5350	-49.29	3.54	-	49.51	Peak	68.2	Pass
NVNT	ac80	5210	Ant3	5350	-57.86	3.54	9.85	50.79	Average	54	Pass
NVNT	ac80	5210	Ant3	5393.67	-46.77	3.54	-	52.03	Peak	68.2	Pass
NVNT	ac80	5210	Ant3	5361.33	-56.62	3.54	9.85	52.03	Average	54	Pass
NVNT	ac80	5210	Ant3	5460	-50.14	3.54	-	48.66	Peak	68.2	Pass
NVNT	ac80	5210	Ant3	5460	-57.7	3.54	9.85	50.95	Average	54	Pass
NVNT	ac80	5210	Ant3	4500	-49.68	3.54	-	49.12	Peak	68.2	Pass
NVNT	ac80	5210	Ant3	4500	-58.51	3.54	9.85	50.14	Average	54	Pass
NVNT	ac80	5210	Ant3	5059.32	-45.39	3.54	-	53.41	Peak	68.2	Pass
NVNT	ac80	5210	Ant3	5073.54	-55.76	3.54	9.85	52.89	Average	54	Pass
NVNT	ac80	5210	Ant3	5150	-48.61	3.54	-	50.19	Peak	68.2	Pass
NVNT	ac80	5210	Ant3	5150	-56.62	3.54	9.85	52.03	Average	54	Pass
NVNT	ax20	5180	Ant3	4500	-48.57	3.54	-	50.23	Peak	68.2	Pass
NVNT	ax20	5180	Ant3	4500	-58.6	3.54	5.48	45.68	Average	54	Pass
NVNT	ax20	5180	Ant3	4875.2	-46.04	3.54	-	52.76	Peak	68.2	Pass
NVNT	ax20	5180	Ant3	5099.2	-55.96	3.54	5.48	48.32	Average	54	Pass
NVNT	ax20	5180	Ant3	5150	-48.65	3.54	-	50.15	Peak	68.2	Pass



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NVNT	ax20	5180	Ant3	5150	-56.68	3.54	5.48	47.60	Average	54	Pass
NVNT	ax20	5240	Ant3	5350	-49.84	3.54	-	48.96	Peak	68.2	Pass
NVNT	ax20	5240	Ant3	5350	-57.8	3.54	5.48	46.48	Average	54	Pass
NVNT	ax20	5240	Ant3	5367.6	-46.69	3.54	-	52.11	Peak	68.2	Pass
NVNT	ax20	5240	Ant3	5416.08	-56.92	3.54	5.48	47.36	Average	54	Pass
NVNT	ax20	5240	Ant3	5460	-49.44	3.54	-	49.36	Peak	68.2	Pass
NVNT	ax20	5240	Ant3	5460	-57.78	3.54	5.48	46.50	Average	54	Pass
NVNT	ax40	5190	Ant3	4500	-50.89	3.54	-	47.91	Peak	68.2	Pass
NVNT	ax40	5190	Ant3	4500	-57.7	3.54	7.64	48.74	Average	54	Pass
NVNT	ax40	5190	Ant3	4743.82	-44.94	3.54	-	53.86	Peak	68.2	Pass
NVNT	ax40	5190	Ant3	5130.72	-56.12	3.54	7.64	50.32	Average	54	Pass
NVNT	ax40	5190	Ant3	5150	-48.62	3.54	-	50.18	Peak	68.2	Pass
NVNT	ax40	5190	Ant3	5150	-56.69	3.54	7.64	49.75	Average	54	Pass
NVNT	ax40	5230	Ant3	5350	-49.78	3.54	-	49.02	Peak	68.2	Pass
NVNT	ax40	5230	Ant3	5350	-57.52	3.54	7.64	48.92	Average	54	Pass
NVNT	ax40	5230	Ant3	5457.3	-46.25	3.54	-	52.55	Peak	68.2	Pass
NVNT	ax40	5230	Ant3	5406	-56.81	3.54	7.64	49.63	Average	54	Pass
NVNT	ax40	5230	Ant3	5460	-49.22	3.54	-	49.58	Peak	68.2	Pass
NVNT	ax40	5230	Ant3	5460	-57.52	3.54	7.64	48.92	Average	54	Pass
NVNT	ax80	5210	Ant3	5350	-49.75	3.54	-	49.05	Peak	68.2	Pass
NVNT	ax80	5210	Ant3	5350	-56.94	3.54	9.97	51.83	Average	54	Pass
NVNT	ax80	5210	Ant3	5382.78	-46.95	3.54	-	51.85	Peak	68.2	Pass
NVNT	ax80	5210	Ant3	5400.93	-56.51	3.54	9.97	52.26	Average	54	Pass
NVNT	ax80	5210	Ant3	5460	-48.22	3.54	-	50.58	Peak	68.2	Pass
NVNT	ax80	5210	Ant3	5460	-57.54	3.54	9.97	51.23	Average	54	Pass
NVNT	ax80	5210	Ant3	4500	-49.63	3.54	-	49.17	Peak	68.2	Pass
NVNT	ax80	5210	Ant3	4500	-58.11	3.54	9.97	50.66	Average	54	Pass
NVNT	ax80	5210	Ant3	5082.23	-45.57	3.54	-	53.23	Peak	68.2	Pass
NVNT	ax80	5210	Ant3	5120.15	-55.95	3.54	9.97	52.82	Average	54	Pass
NVNT	ax80	5210	Ant3	5150	-48.53	3.54	-	50.27	Peak	68.2	Pass
NVNT	ax80	5210	Ant3	5150	-56.24	3.54	9.97	52.53	Average	54	Pass

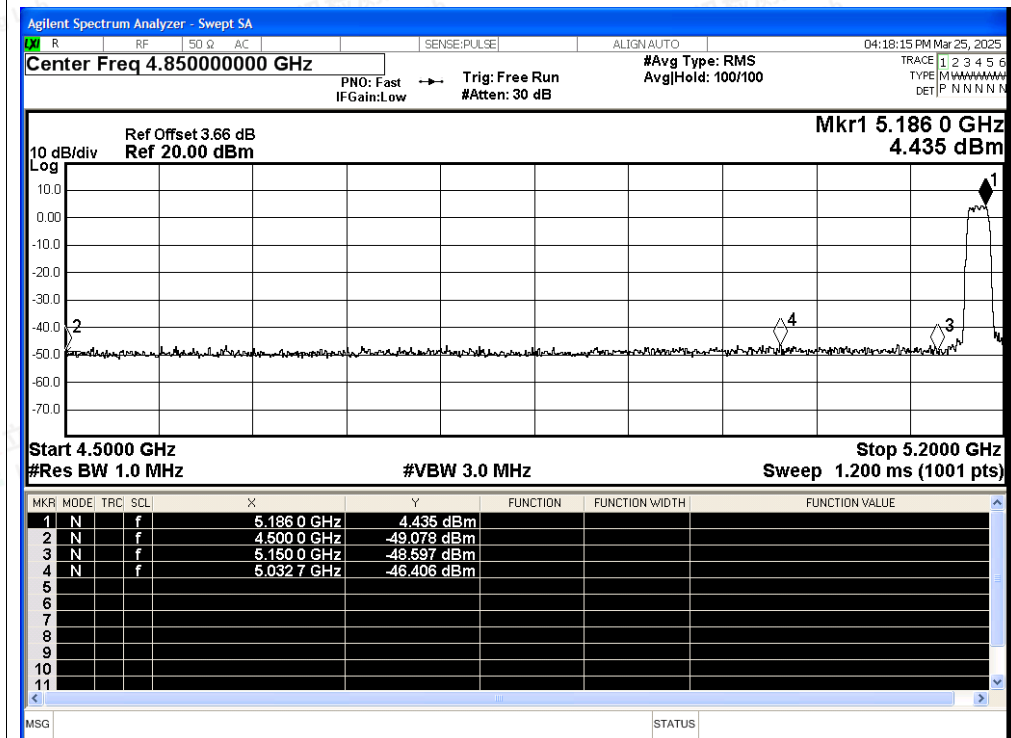


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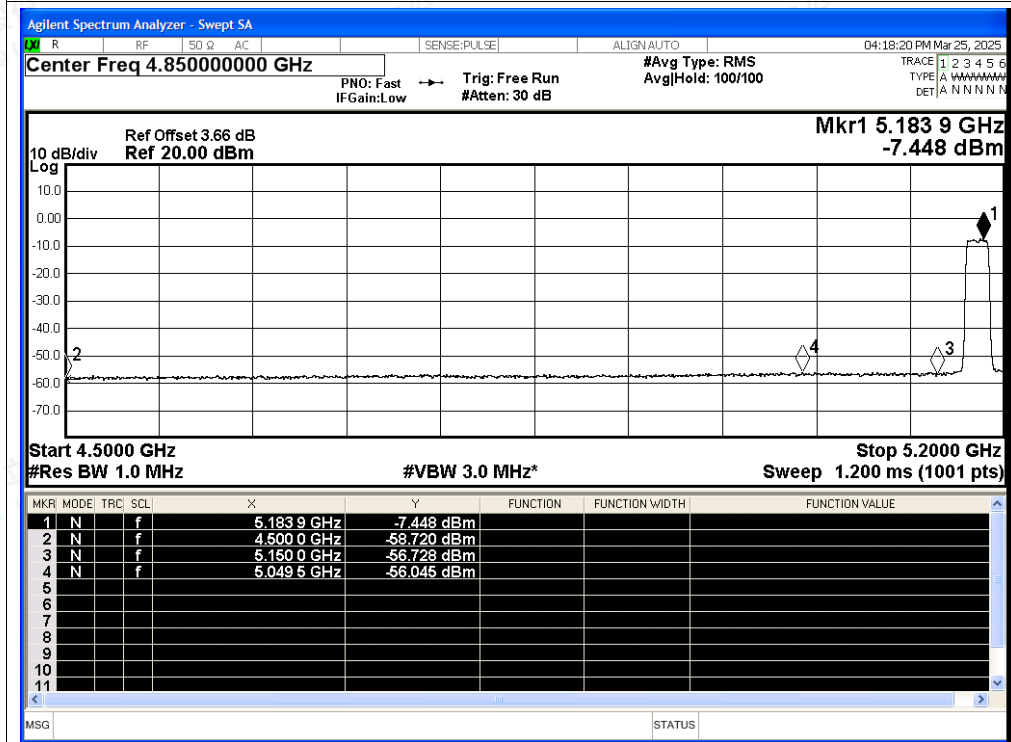


Test Graphs

Restrict Band NVNT a 5180MHz Ant3 Peak

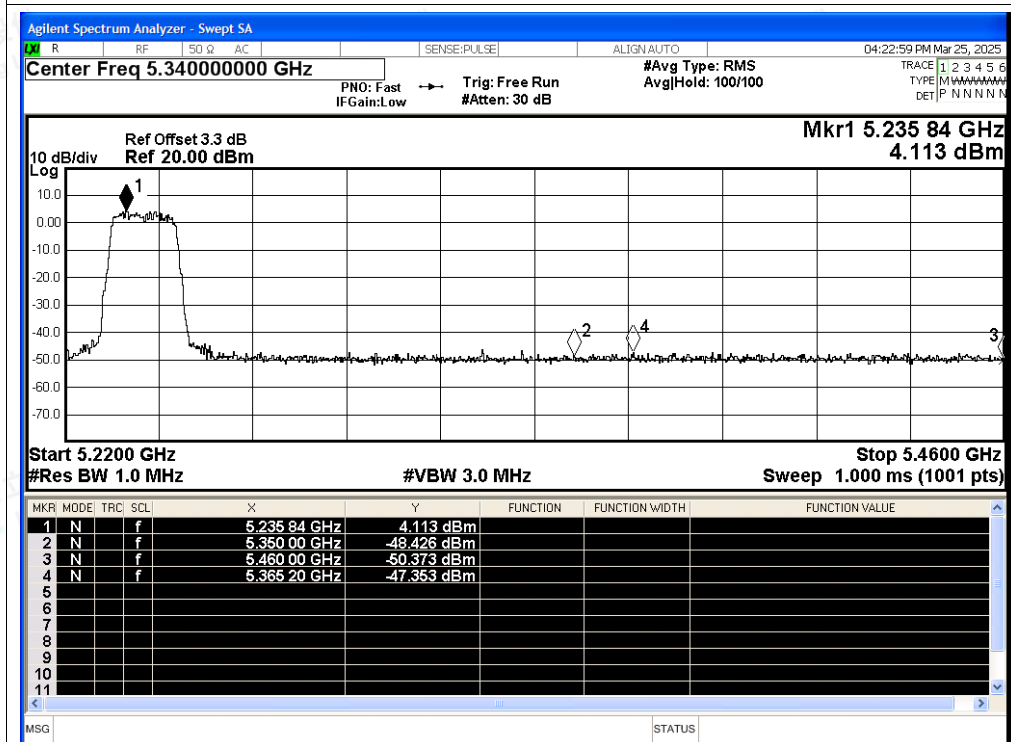


Restrict Band NVNT a 5180MHz Ant3 Average

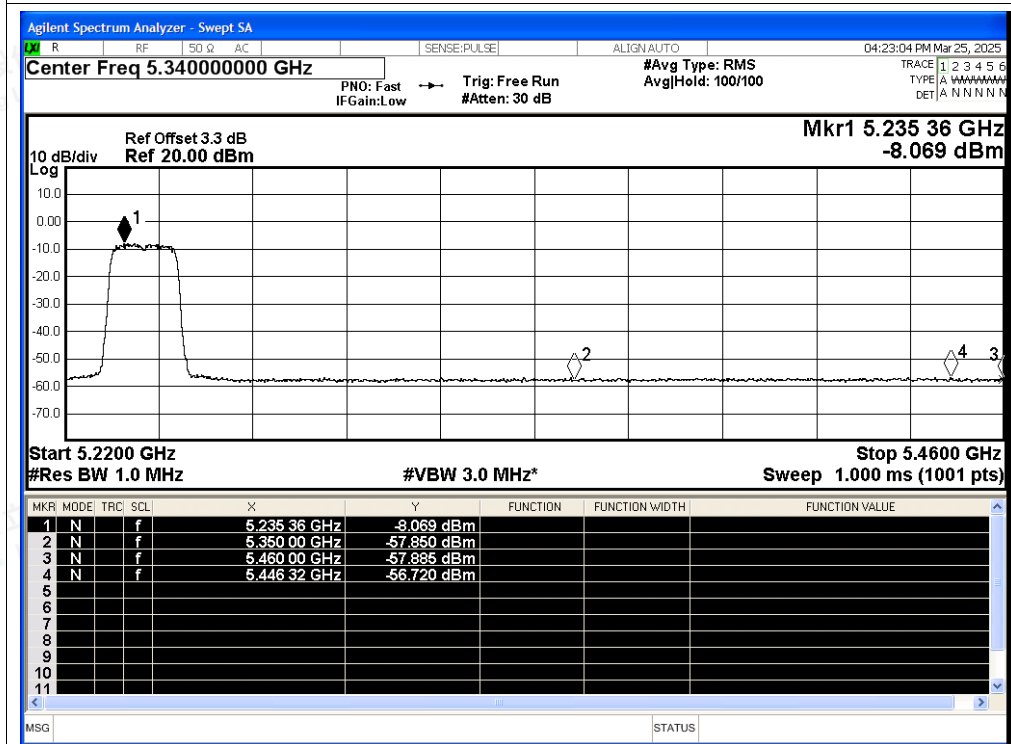




Restrict Band NVNT a 5240MHz Ant3 Peak

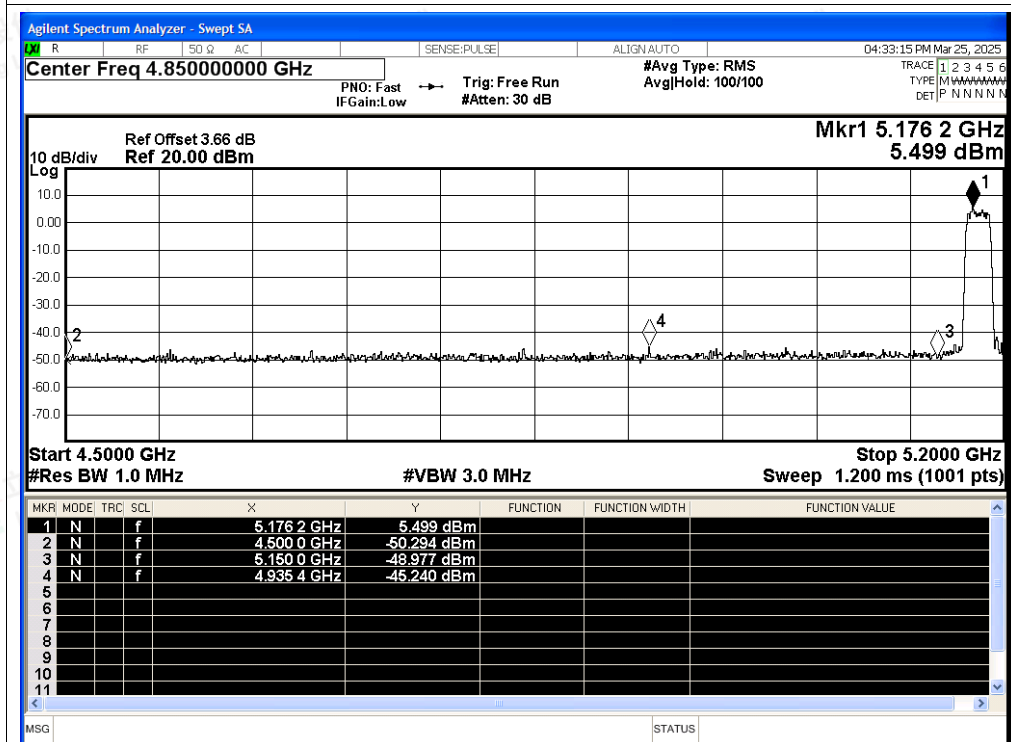


Restrict Band NVNT a 5240MHz Ant3 Average

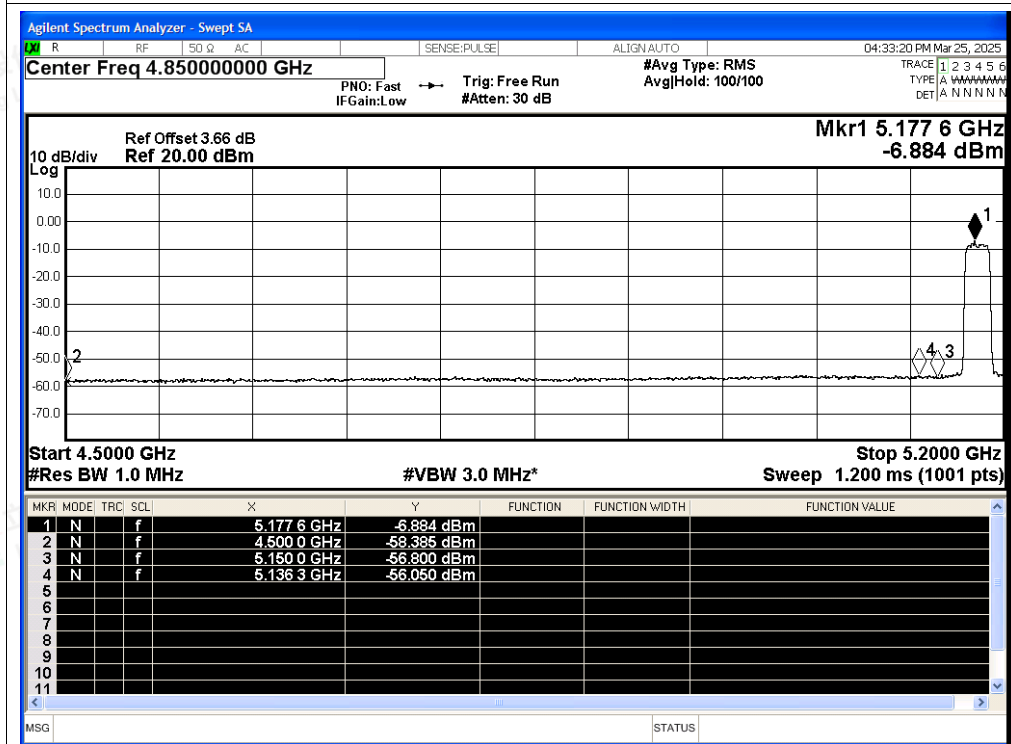




Restrict Band NVNT n20 5180MHz Ant3 Peak

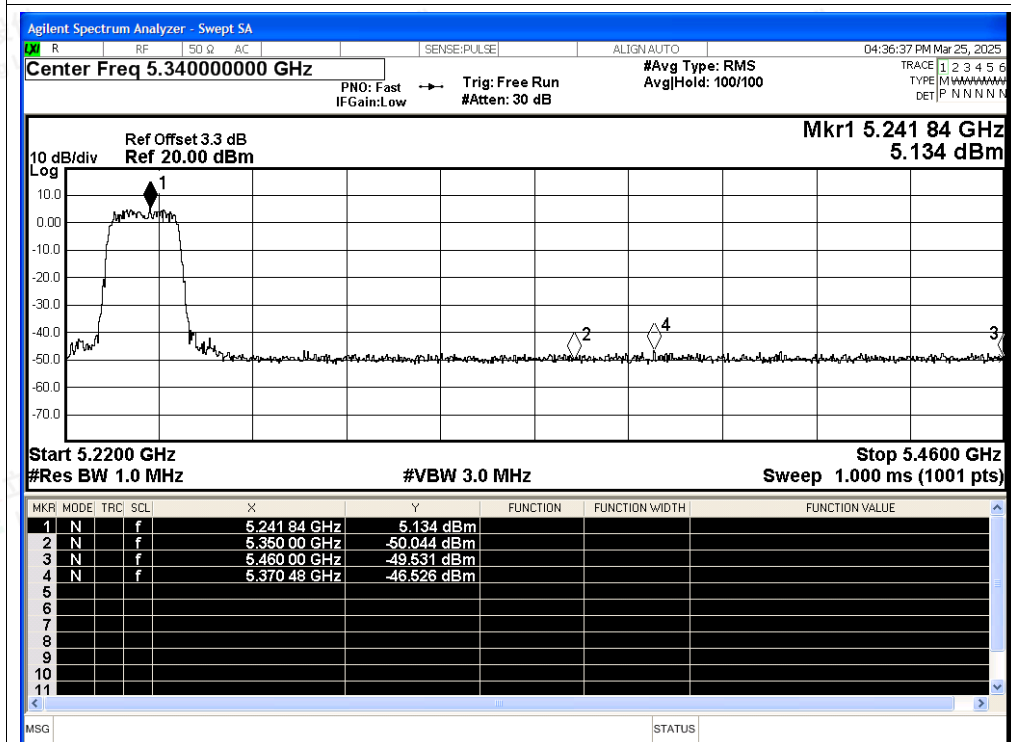


Restrict Band NVNT n20 5180MHz Ant3 Average

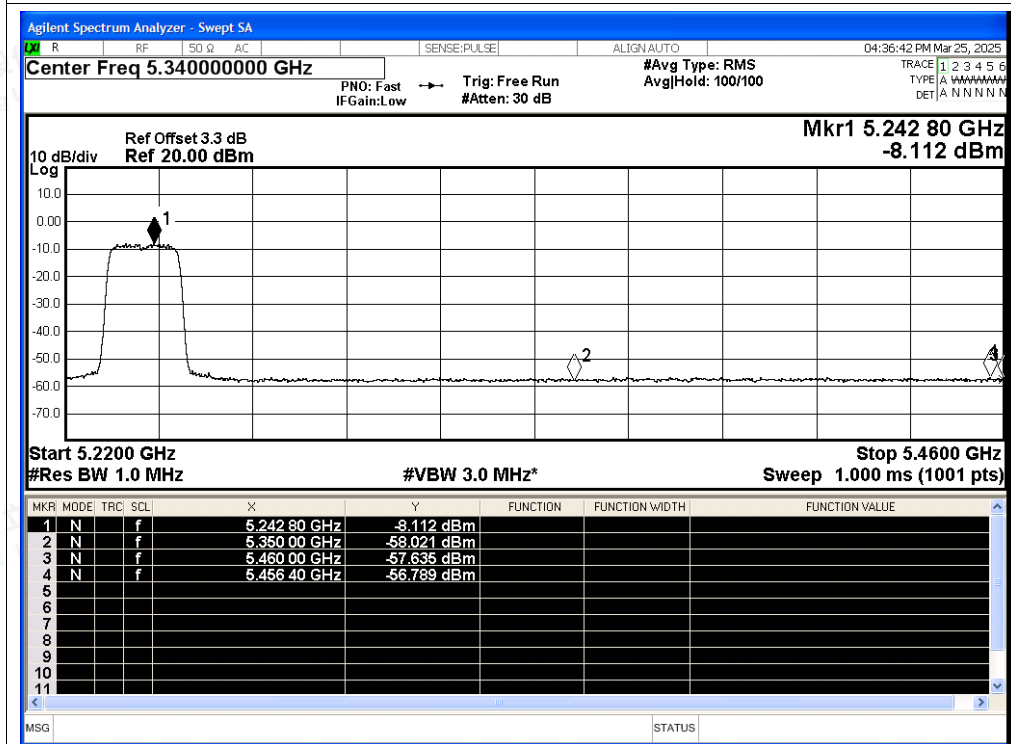




Restrict Band NVNT n20 5240MHz Ant3 Peak

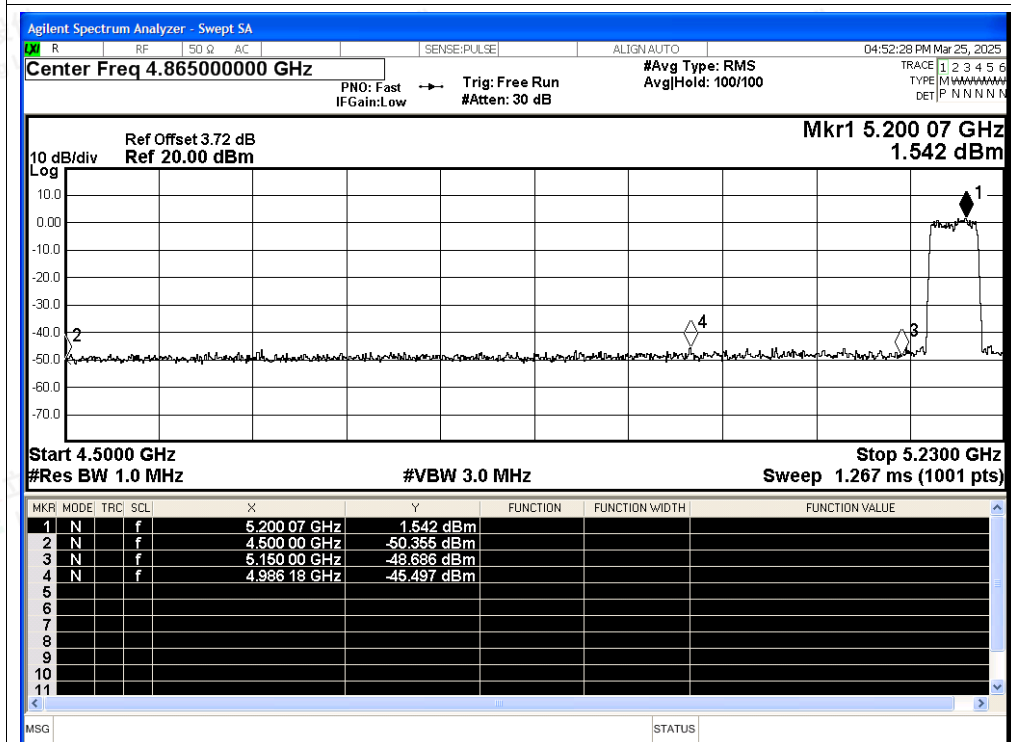


Restrict Band NVNT n20 5240MHz Ant3 Average

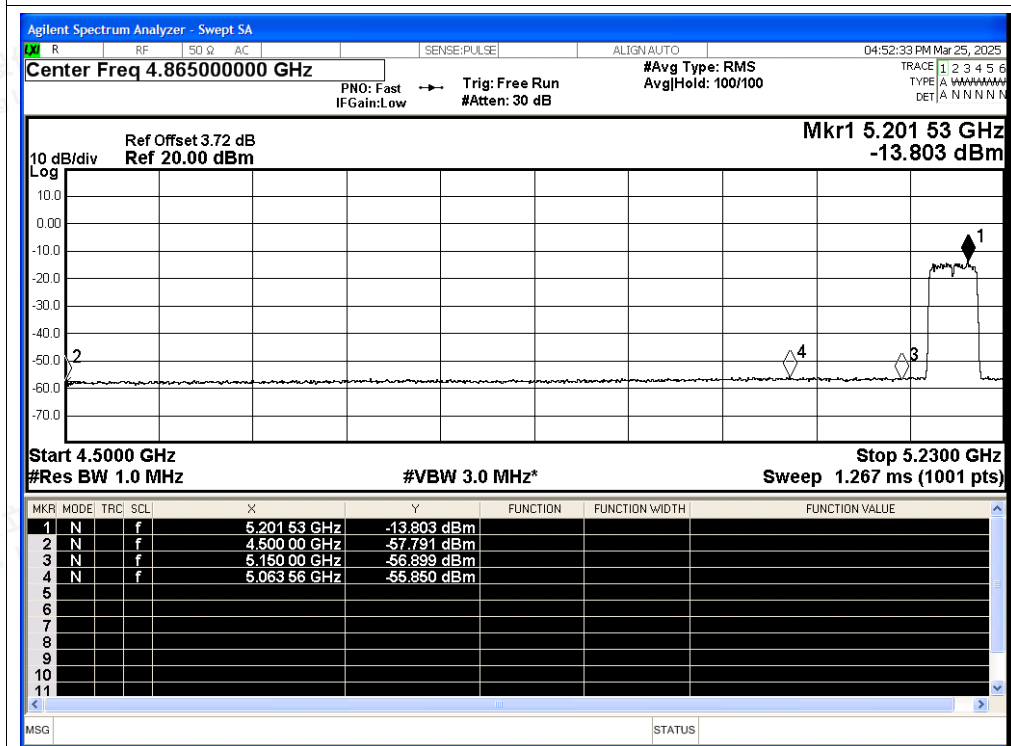




Restrict Band NVNT n40 5190MHz Ant3 Peak

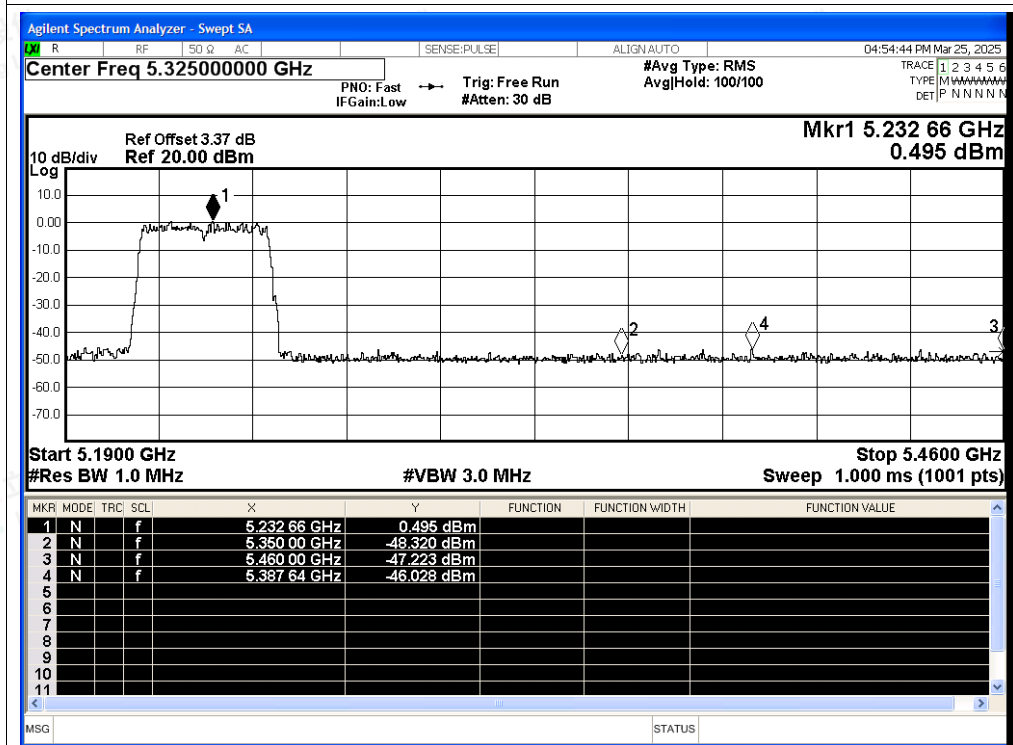


Restrict Band NVNT n40 5190MHz Ant3 Average

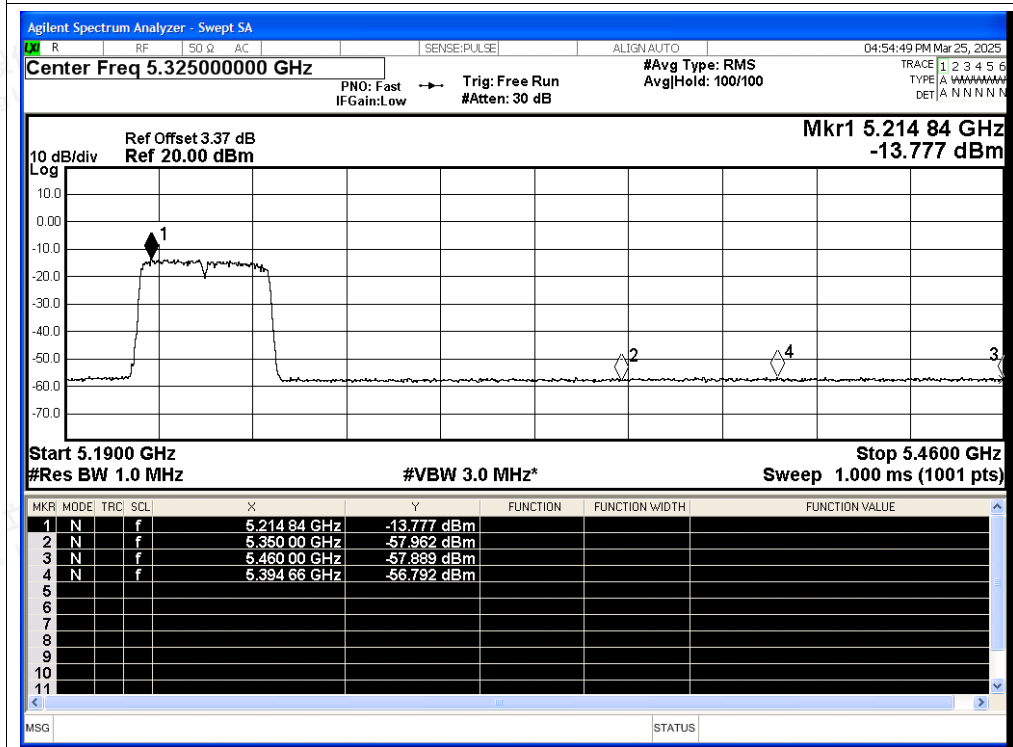




Restrict Band NVNT n40 5230MHz Ant3 Peak

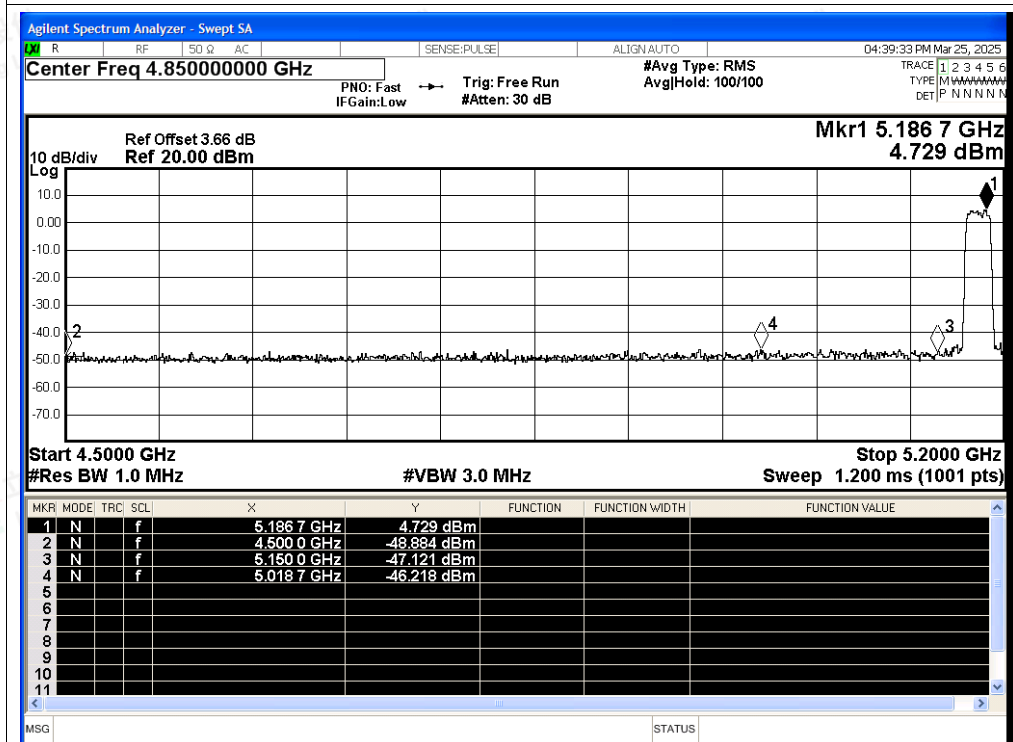


Restrict Band NVNT n40 5230MHz Ant3 Average

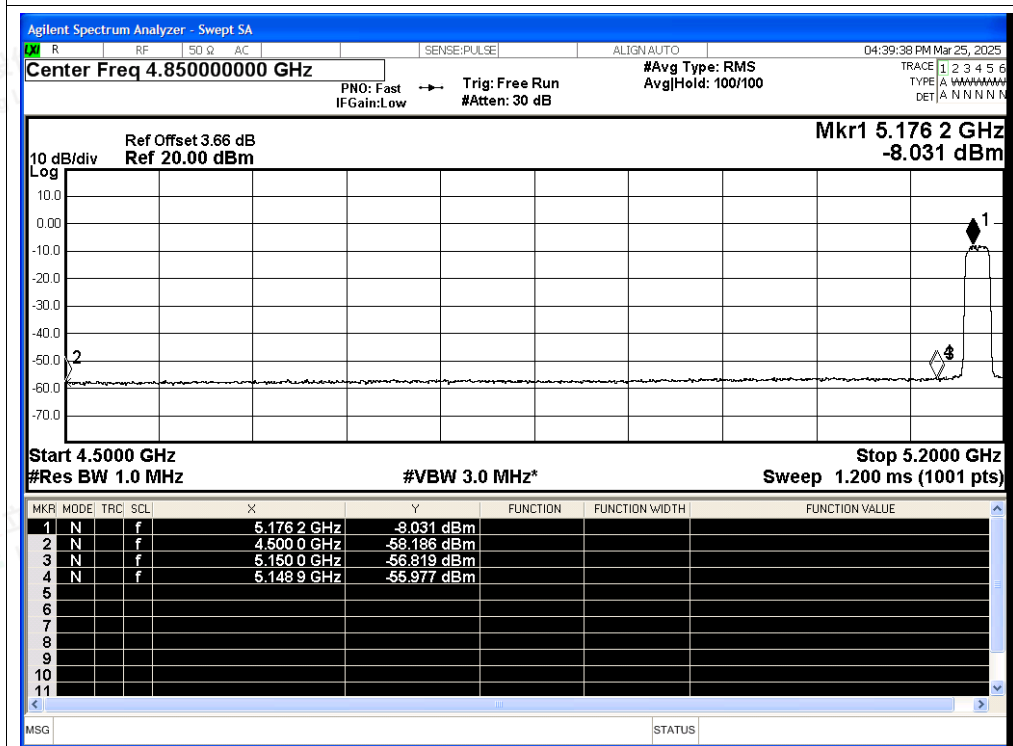




Restrict Band NVNT ac20 5180MHz Ant3 Peak

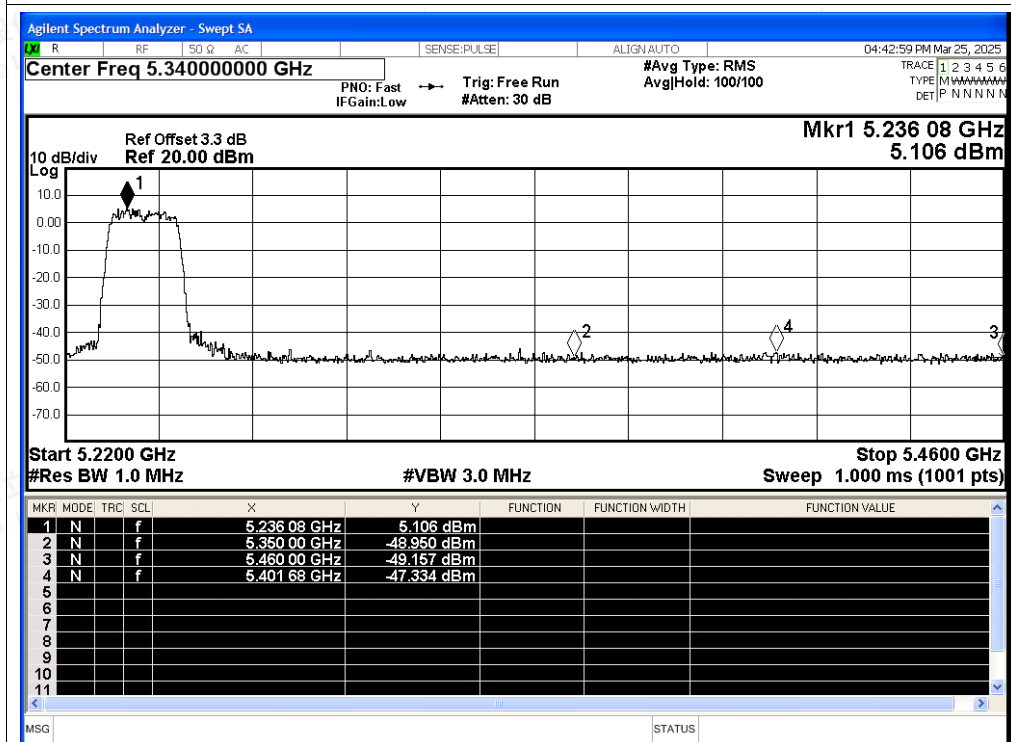


Restrict Band NVNT ac20 5180MHz Ant3 Average

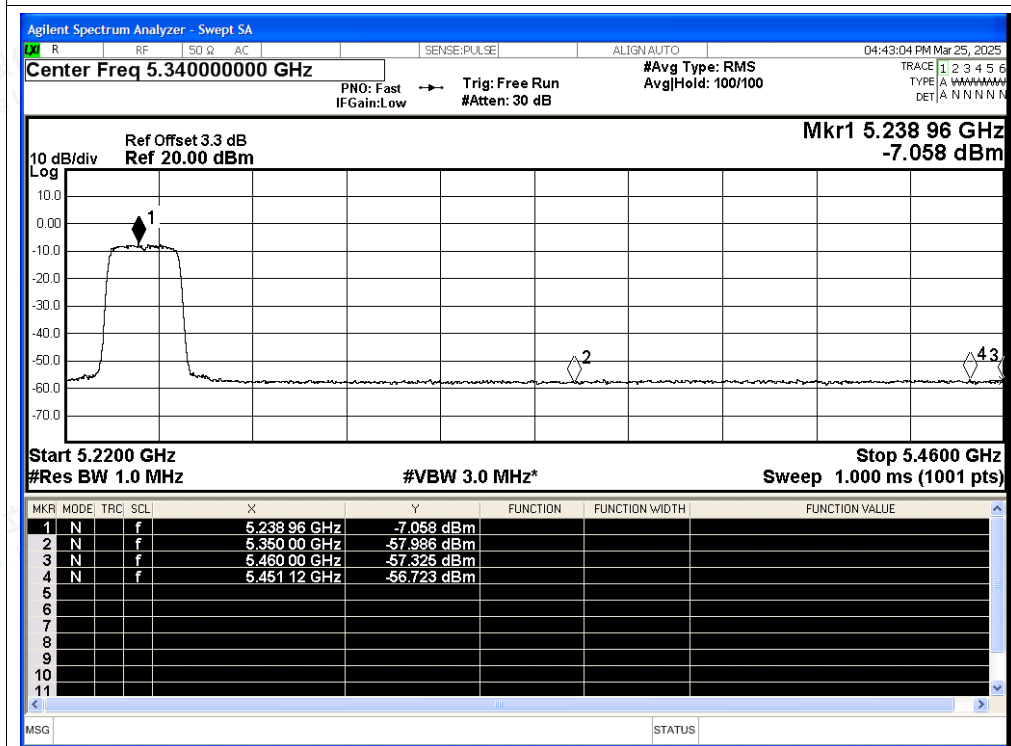




Restrict Band NVNT ac20 5240MHz Ant3 Peak

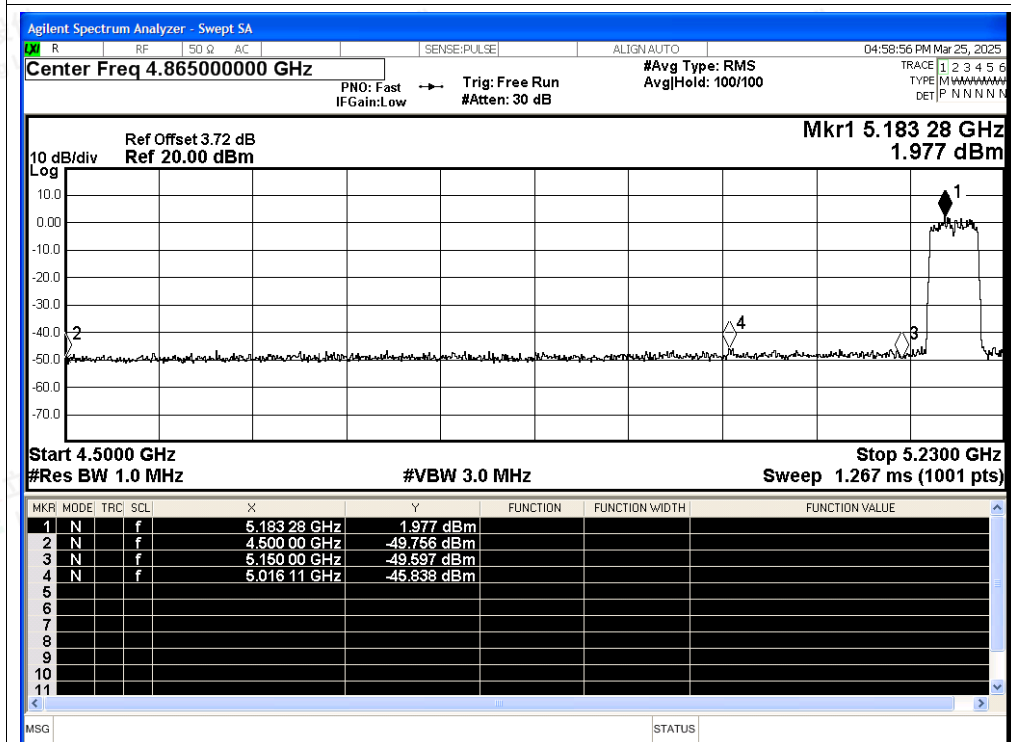


Restrict Band NVNT ac20 5240MHz Ant3 Average

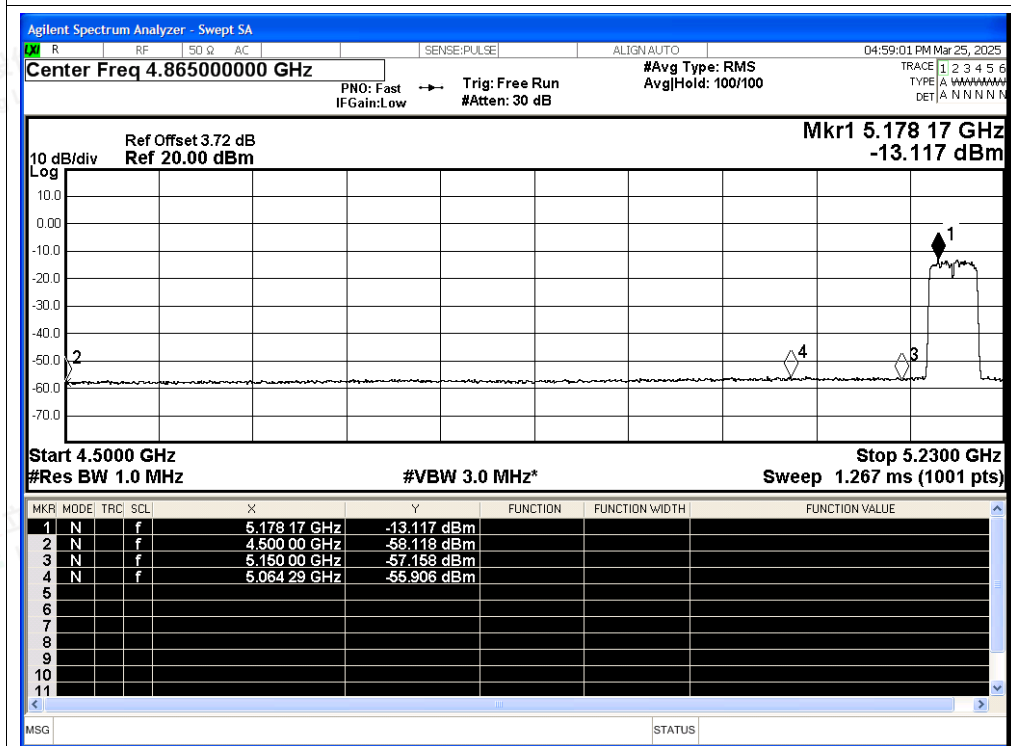




Restrict Band NVNT ac40 5190MHz Ant3 Peak

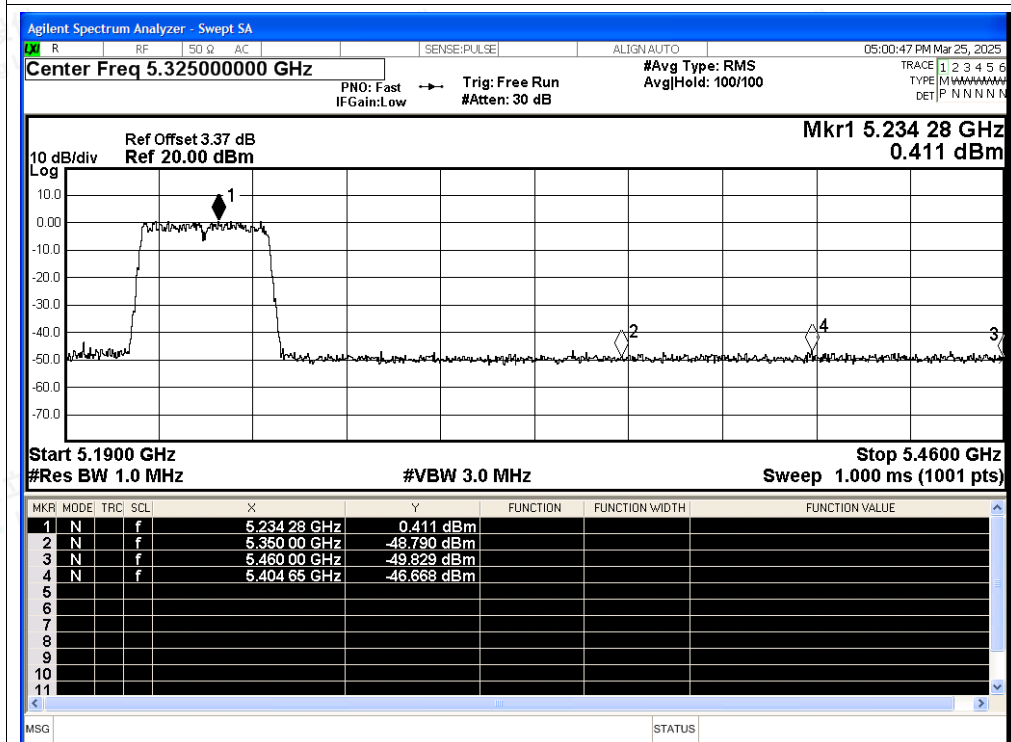


Restrict Band NVNT ac40 5190MHz Ant3 Average

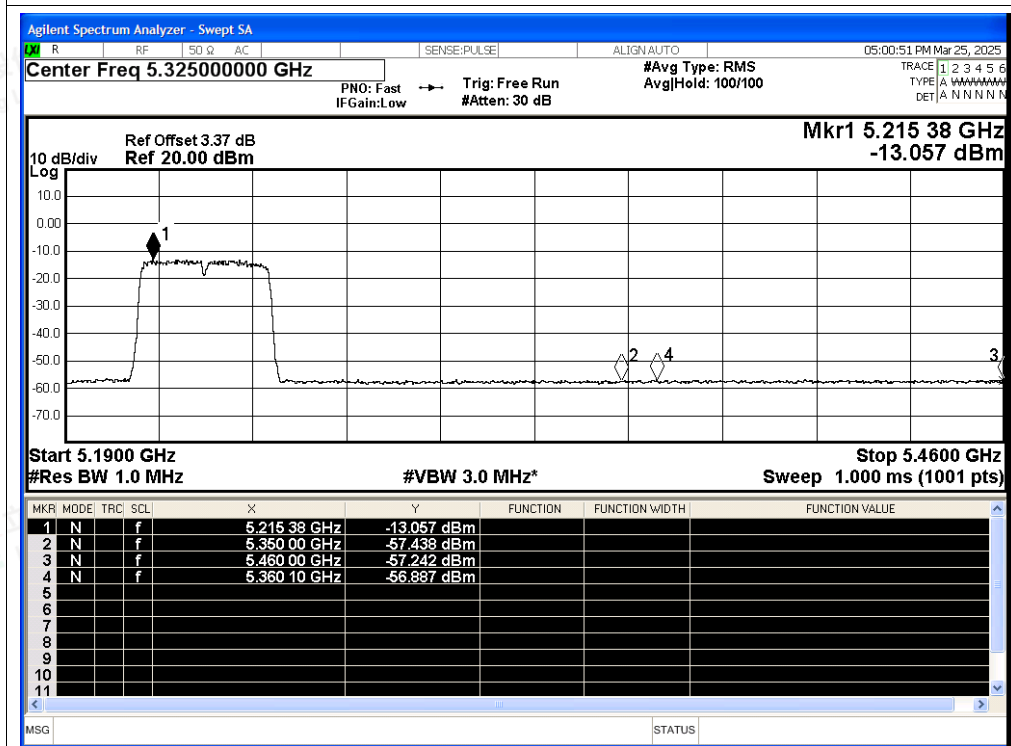




Restrict Band NVNT ac40 5230MHz Ant3 Peak

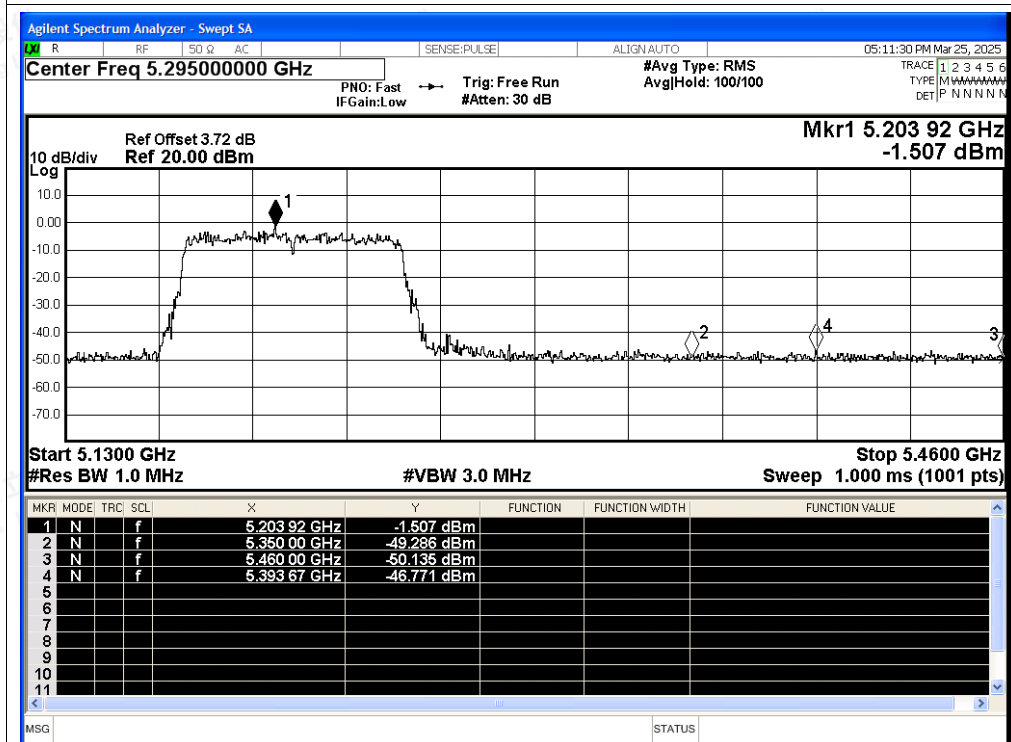


Restrict Band NVNT ac40 5230MHz Ant3 Average

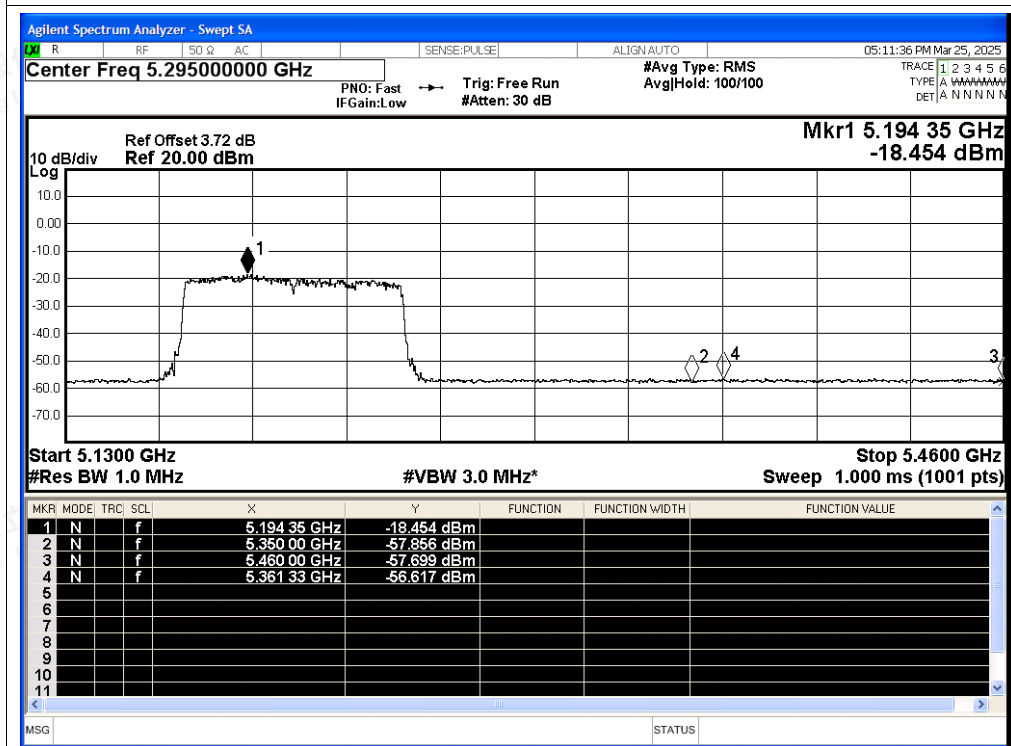




Restrict Band NVNT ac80 5210MHz Ant3 Peak

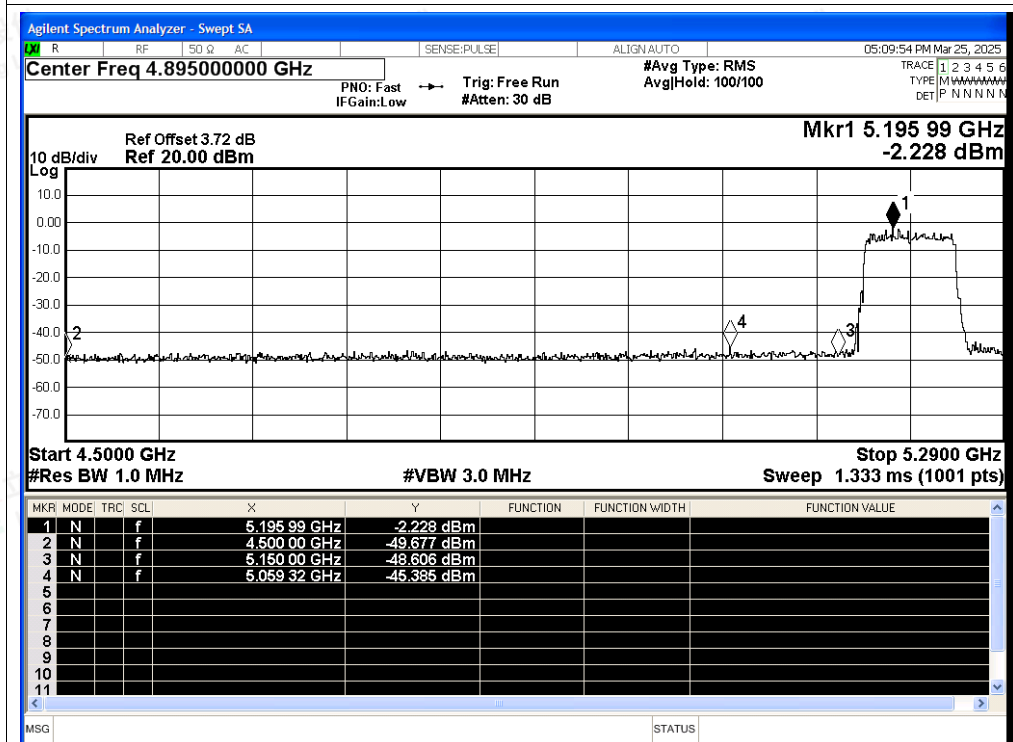


Restrict Band NVNT ac80 5210MHz Ant3 Average

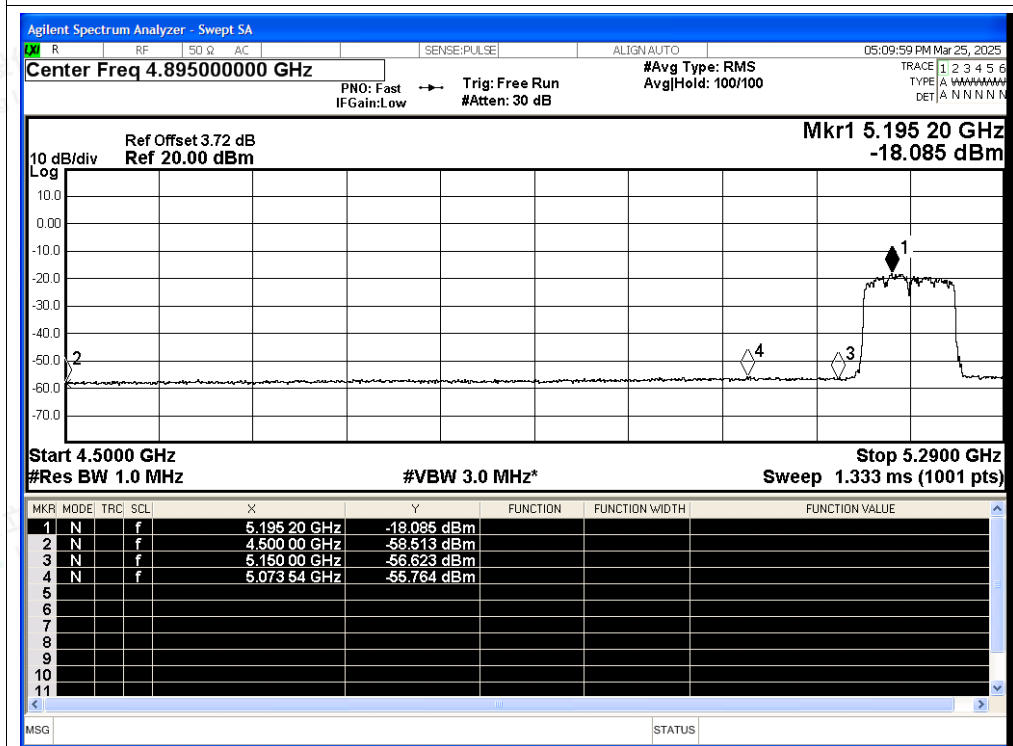




Restrict Band NVNT ac80 5210MHz Ant3 Peak

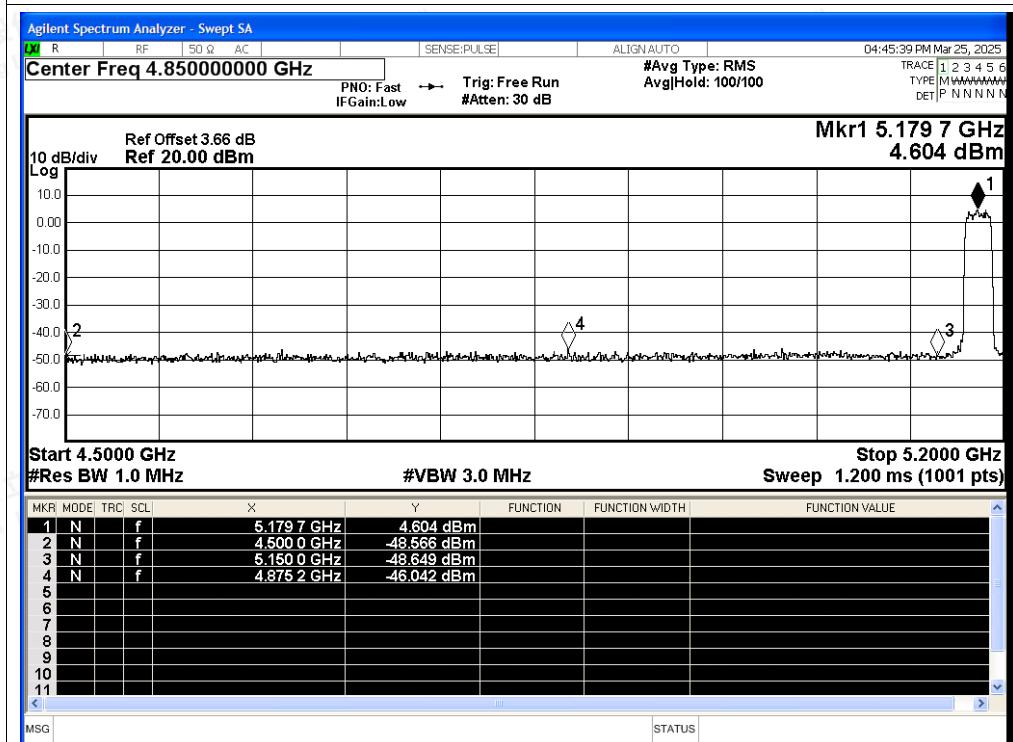


Restrict Band NVNT ac80 5210MHz Ant3 Average

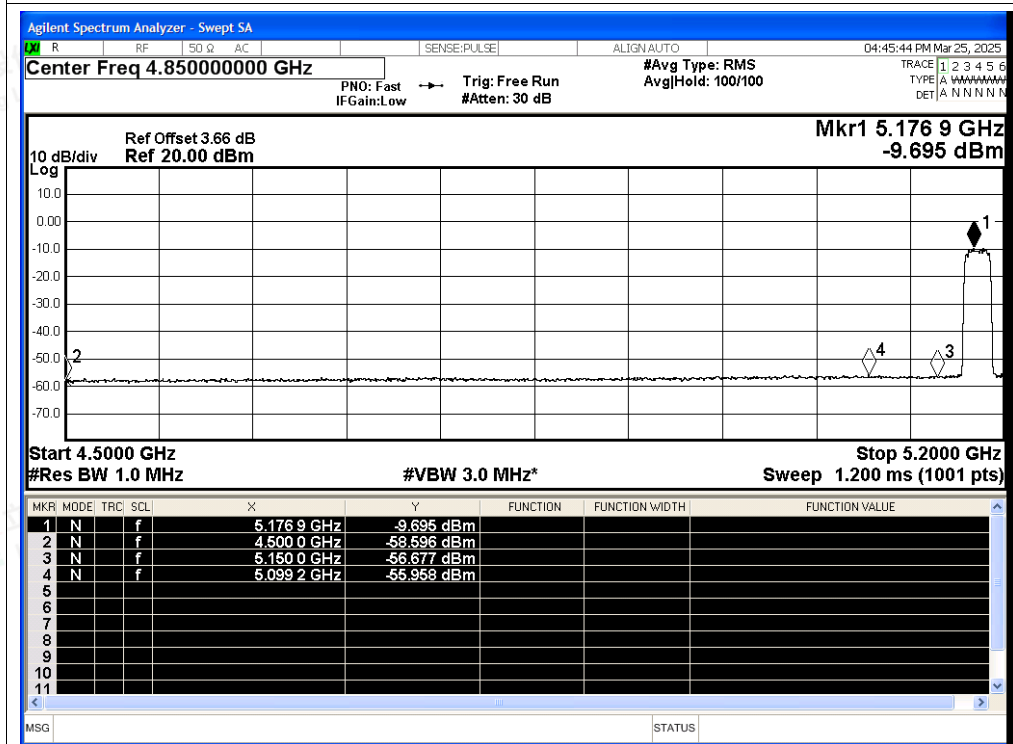




Restrict Band NVNT ax20 5180MHz Ant3 Peak

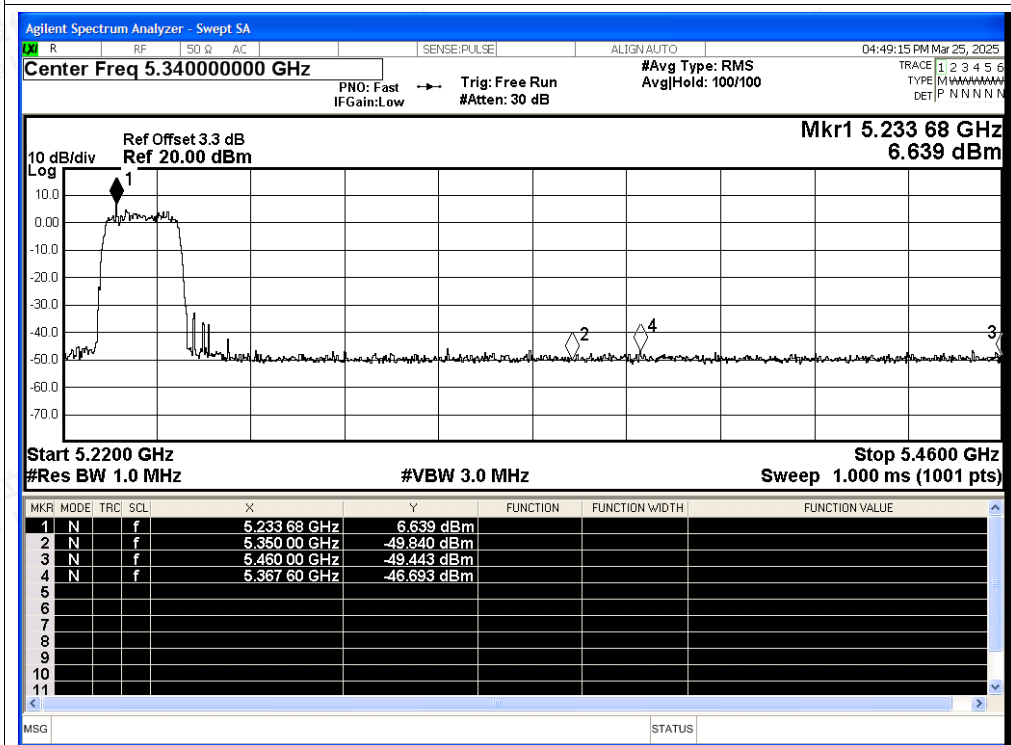


Restrict Band NVNT ax20 5180MHz Ant3 Average

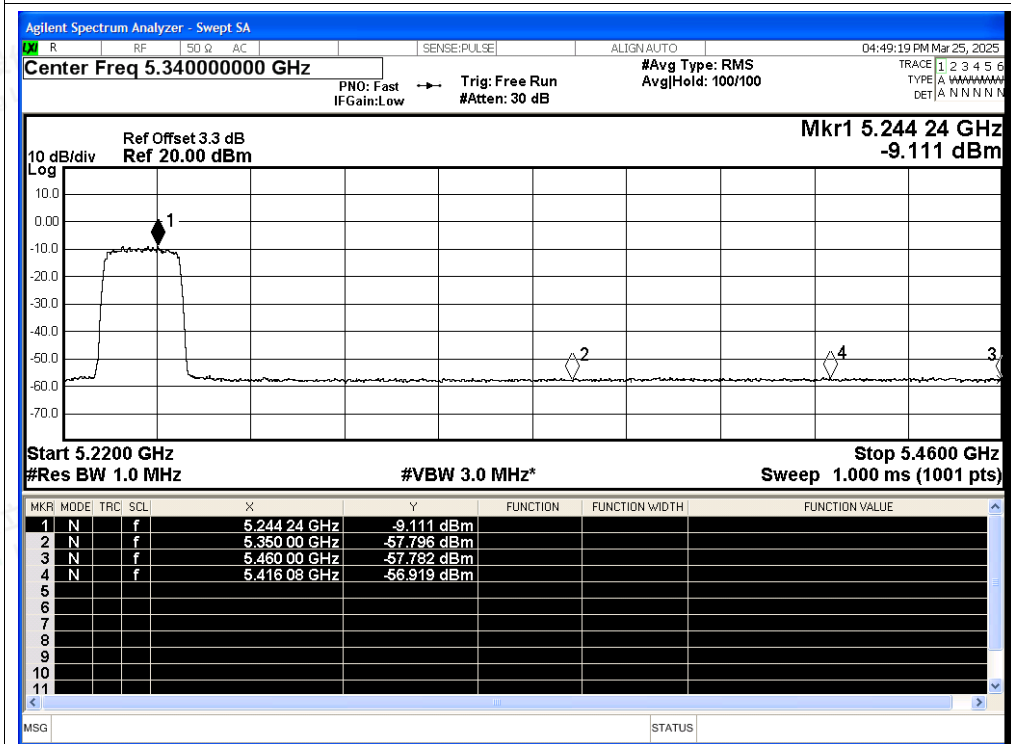




Restrict Band NVNT ax20 5240MHz Ant3 Peak

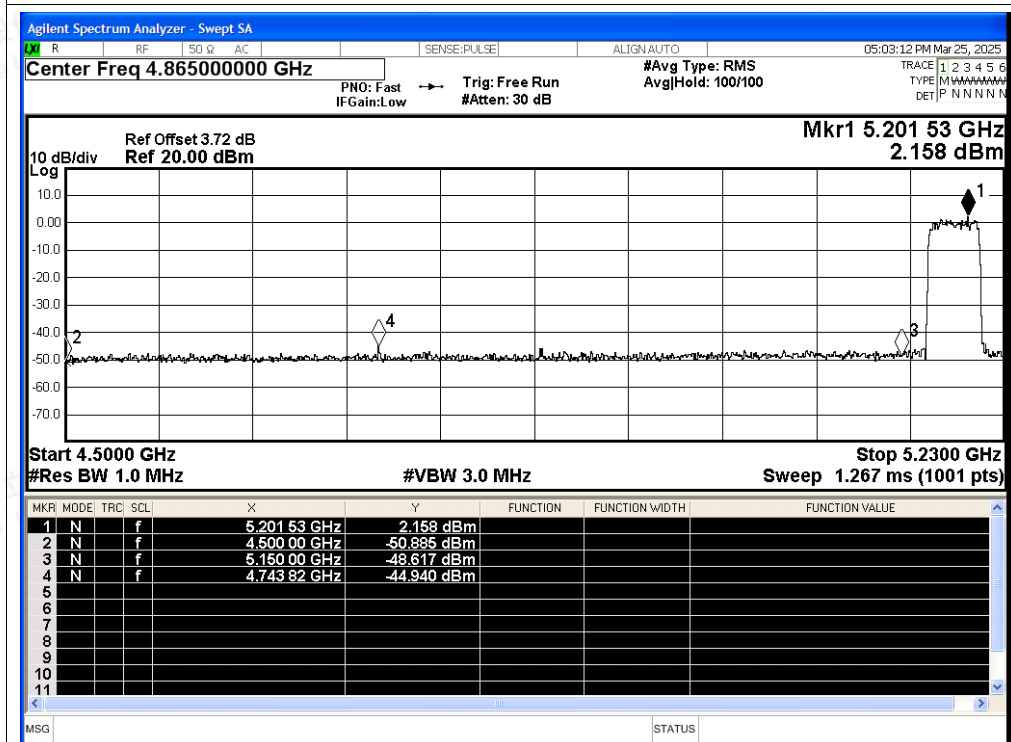


Restrict Band NVNT ax20 5240MHz Ant3 Average

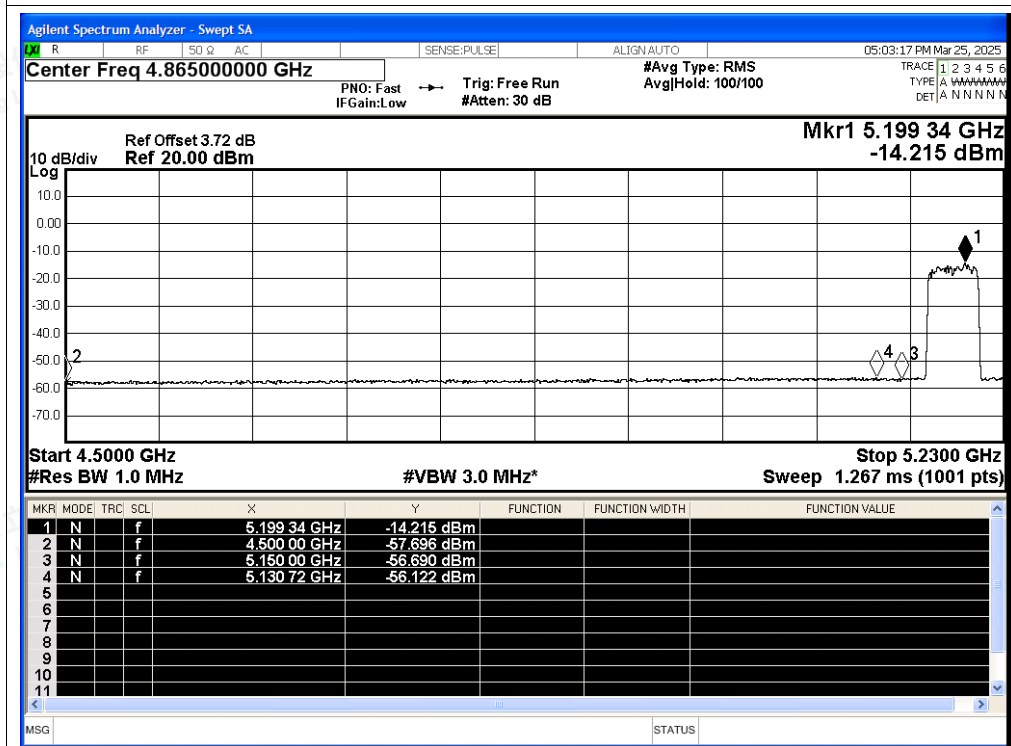




Restrict Band NVNT ax40 5190MHz Ant3 Peak

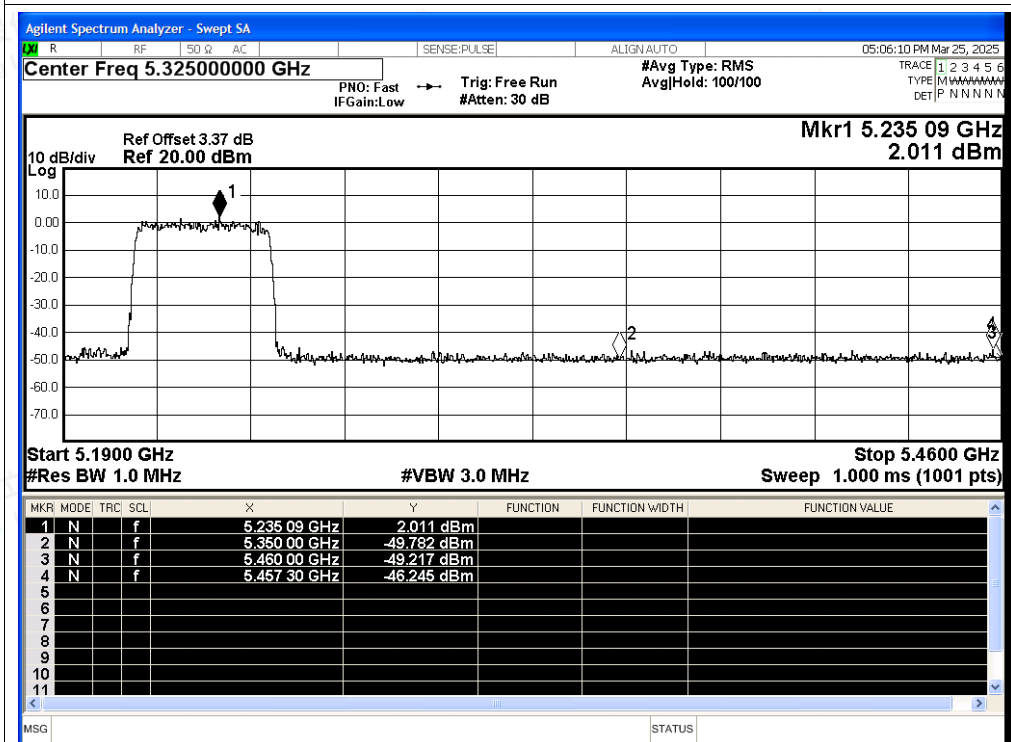


Restrict Band NVNT ax40 5190MHz Ant3 Average

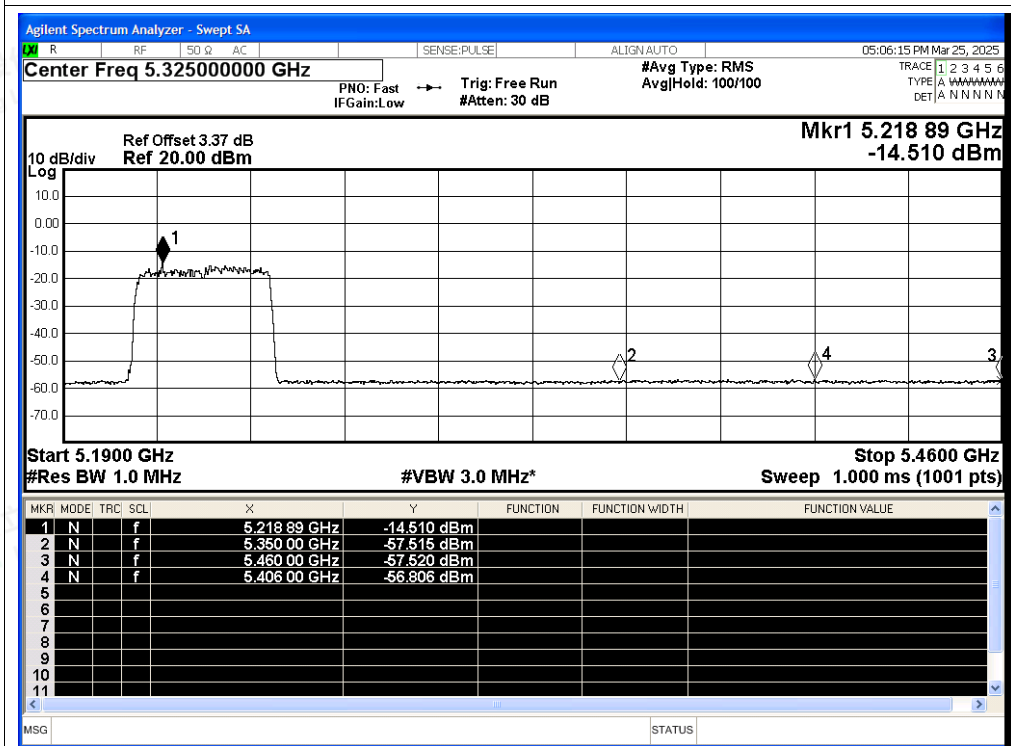




Restrict Band NVNT ax40 5230MHz Ant3 Peak

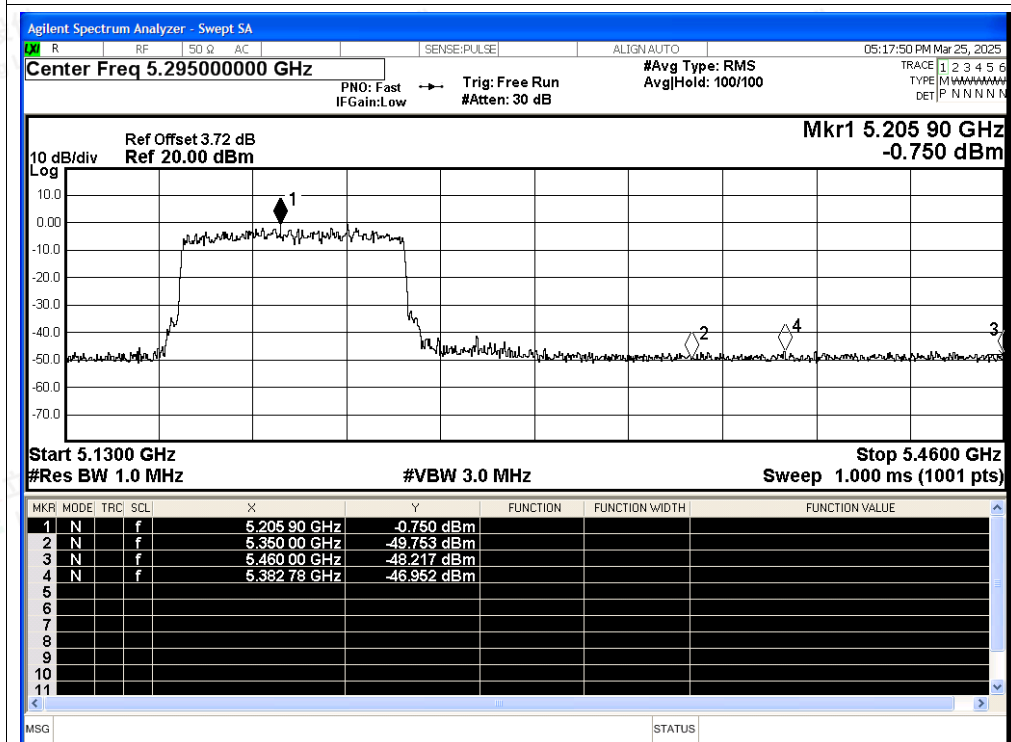


Restrict Band NVNT ax40 5230MHz Ant3 Average

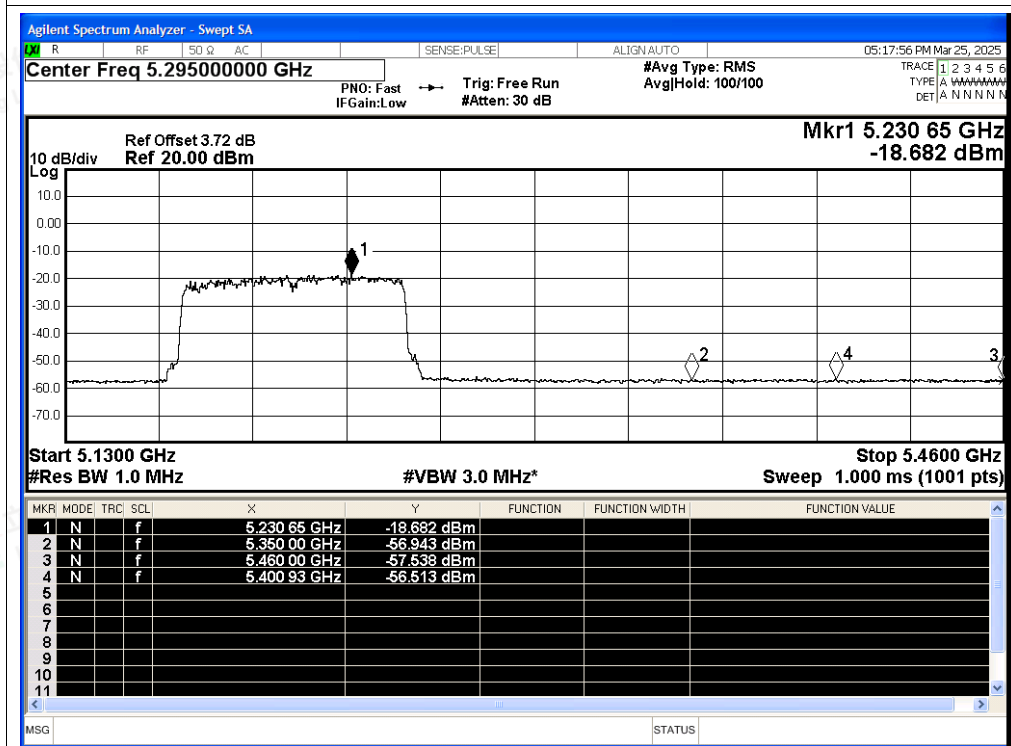




Restrict Band NVNT ax80 5210MHz Ant3 Peak

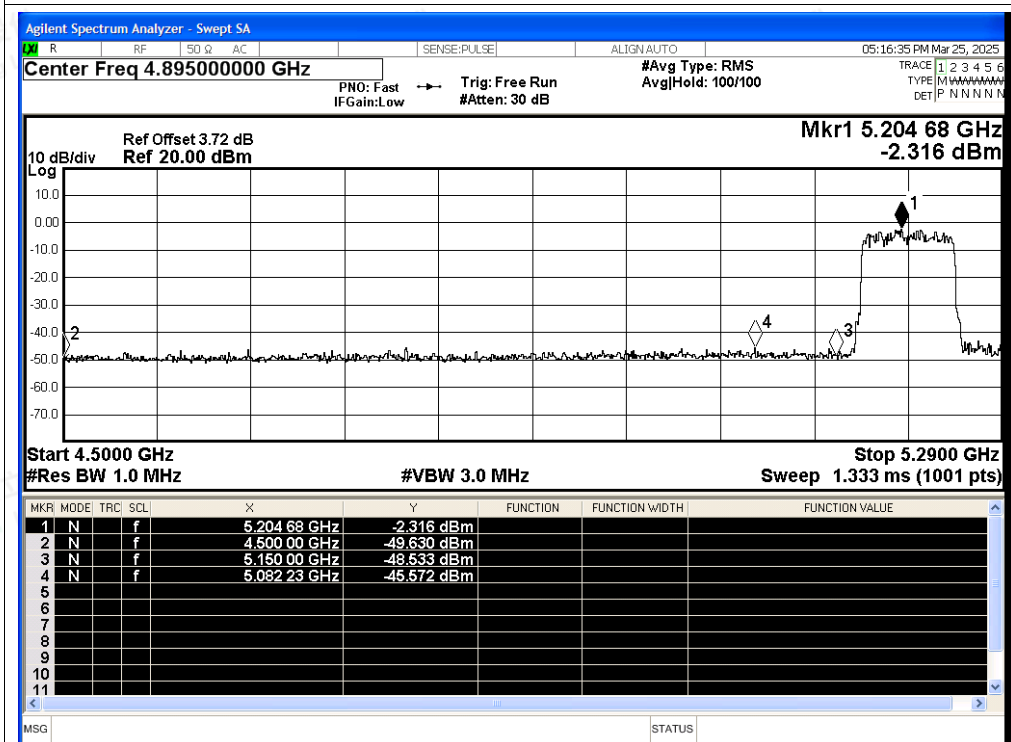


Restrict Band NVNT ax80 5210MHz Ant3 Average





Restrict Band NVNT ax80 5210MHz Ant3 Peak



Restrict Band NVNT ax80 5210MHz Ant3 Average

