



Appendix E

RF Test Data for 5.3GWIFI (Conducted Measurement)

Product Name: Interactive Flat Panel Display/Interactive LED Panel/Touch Screen Monitor/Touch Screen/Touch

Monitor/Interactive LED

Test Model: E1M-L159Y

Environmental Conditions

Temperature:	23.4°C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Can Kun
Supervised by:	Paddi Chen





E.1 -26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	An1	25.111	---	Pass
NVNT	a	5300	An1	24.446	---	Pass
NVNT	a	5320	An1	26.642	---	Pass
NVNT	n20	5260	An1	28.069	---	Pass
NVNT	n20	5300	An1	27.667	---	Pass
NVNT	n20	5320	An1	28.368	---	Pass
NVNT	n40	5270	An1	46.202	---	Pass
NVNT	n40	5310	An1	46.857	---	Pass
NVNT	ac20	5260	An1	28.532	---	Pass
NVNT	ac20	5300	An1	29.285	---	Pass
NVNT	ac20	5320	An1	28.645	---	Pass
NVNT	ac40	5270	An1	46.882	---	Pass
NVNT	ac40	5310	An1	55.966	---	Pass
NVNT	ac80	5290	An1	85.965	---	Pass



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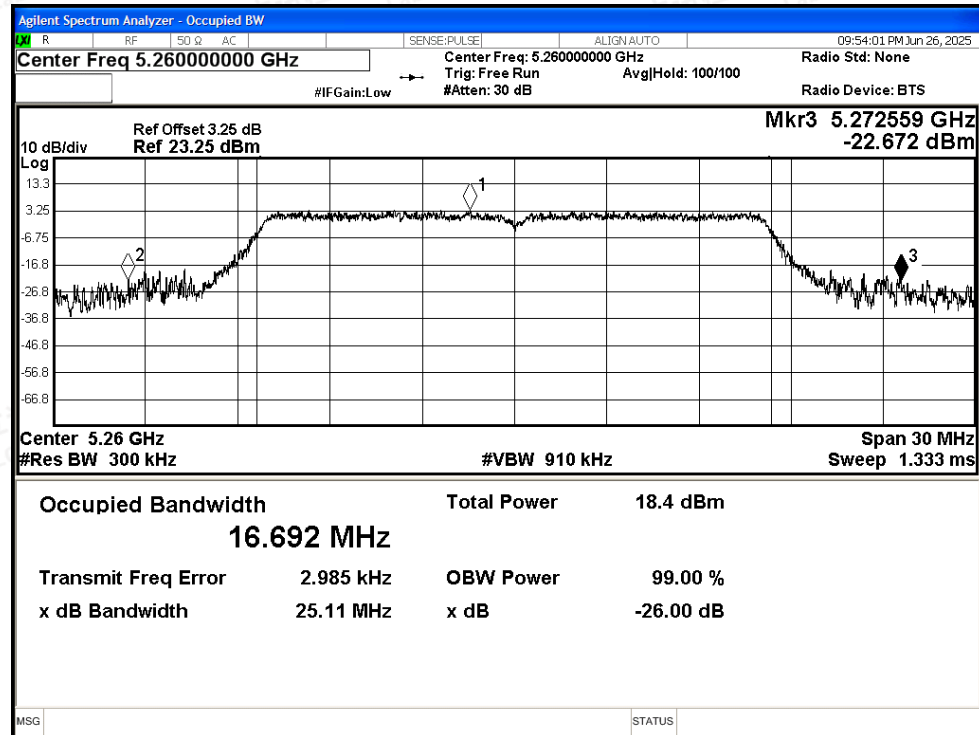
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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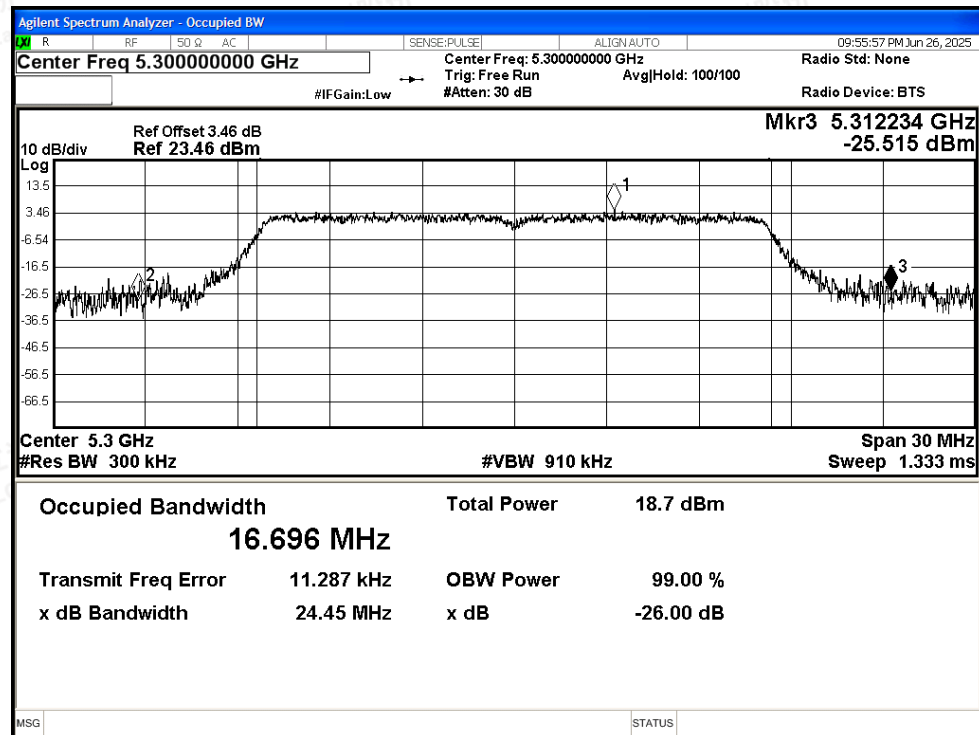


Test Graphs

-26dB Bandwidth NVNT a 5260MHz An1



-26dB Bandwidth NVNT a 5300MHz An1



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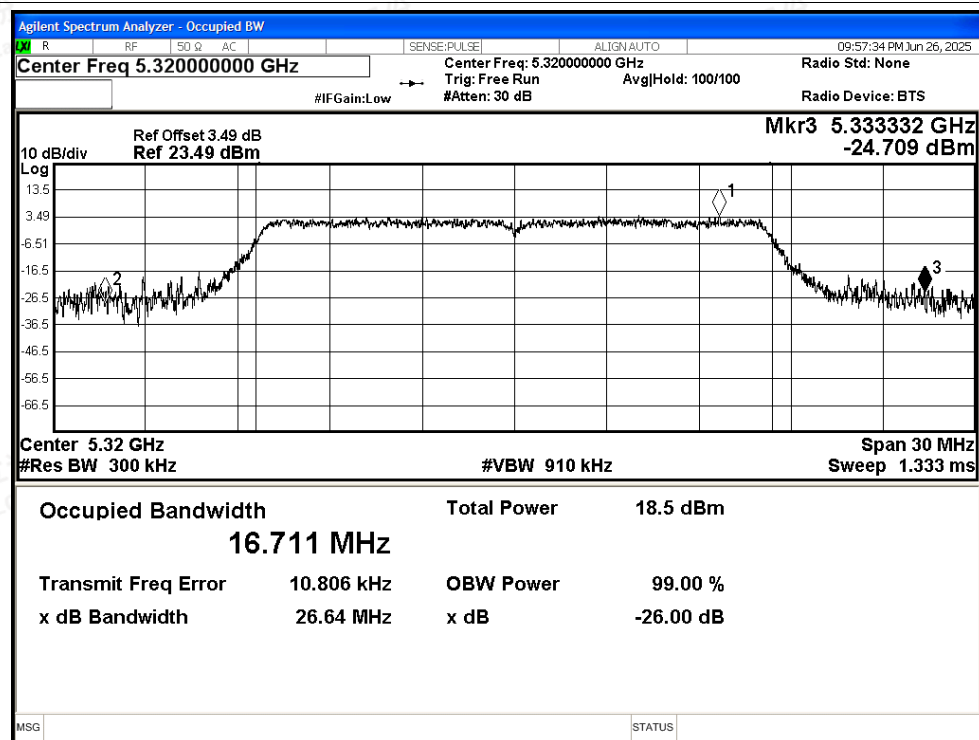
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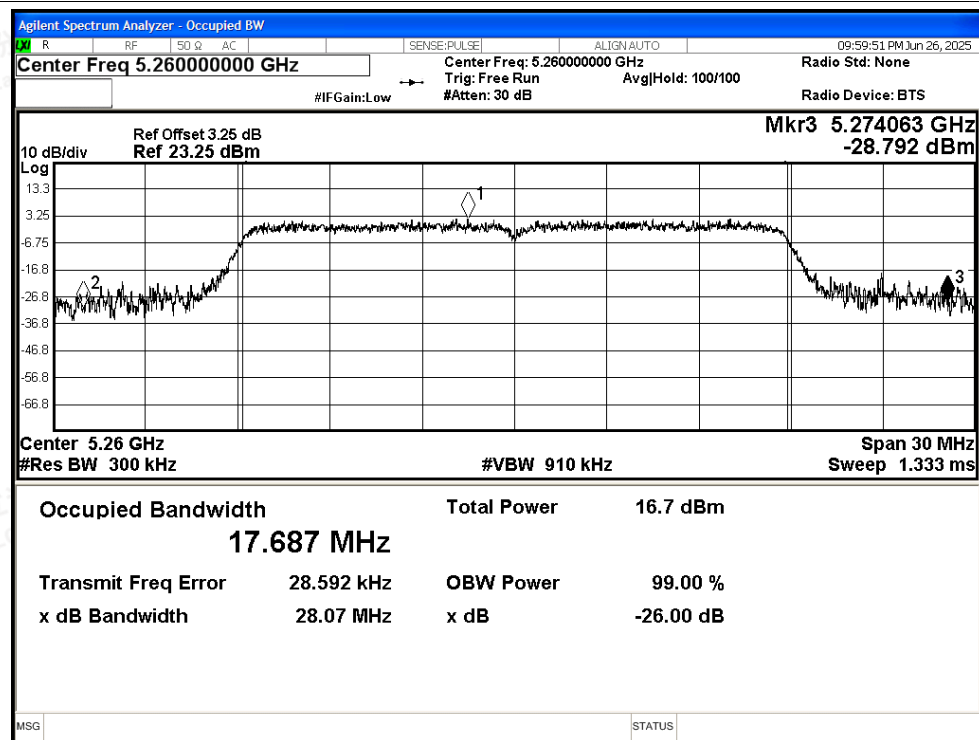
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-26dB Bandwidth NVNT a 5320MHz An1



-26dB Bandwidth NVNT n20 5260MHz An1

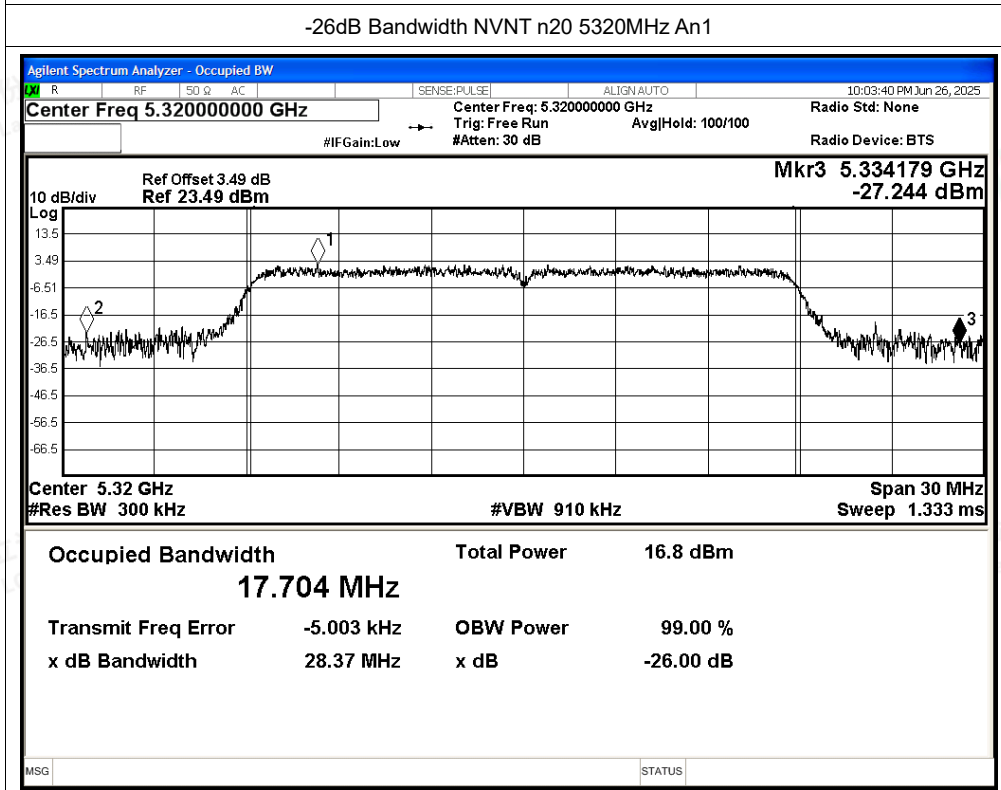
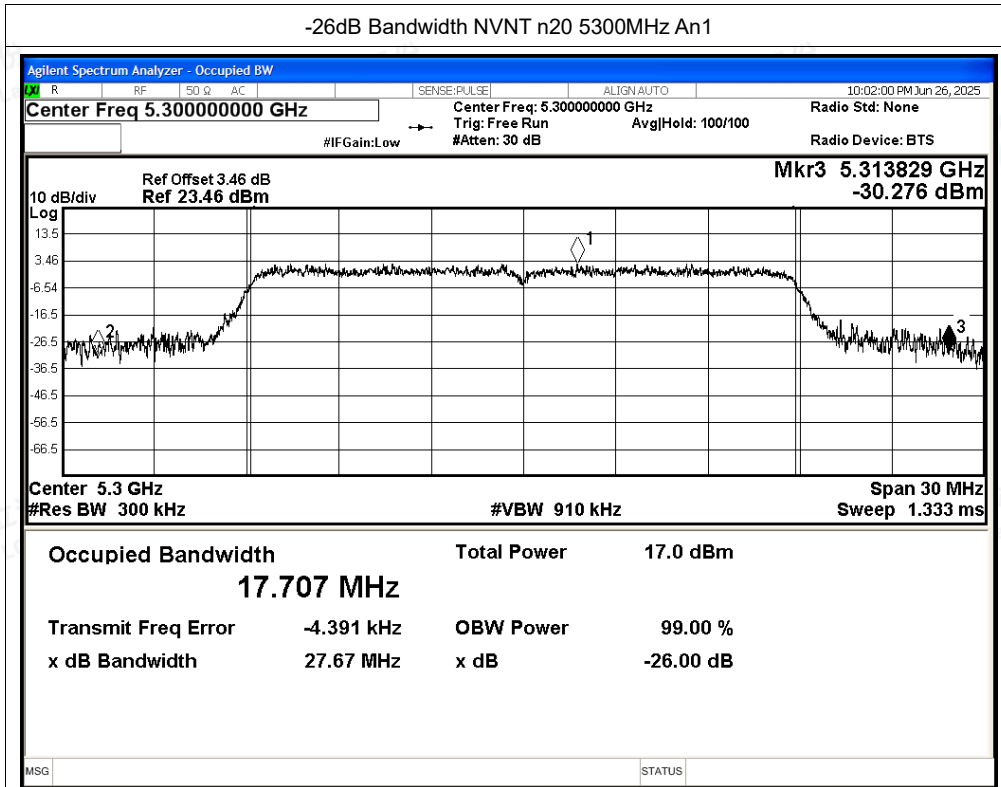


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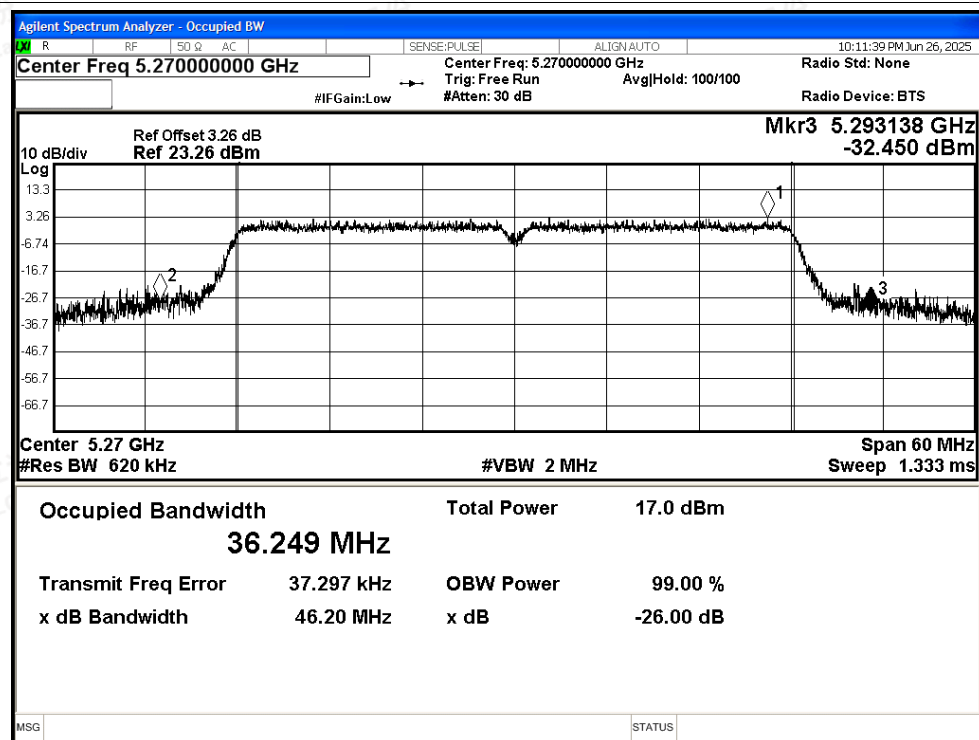
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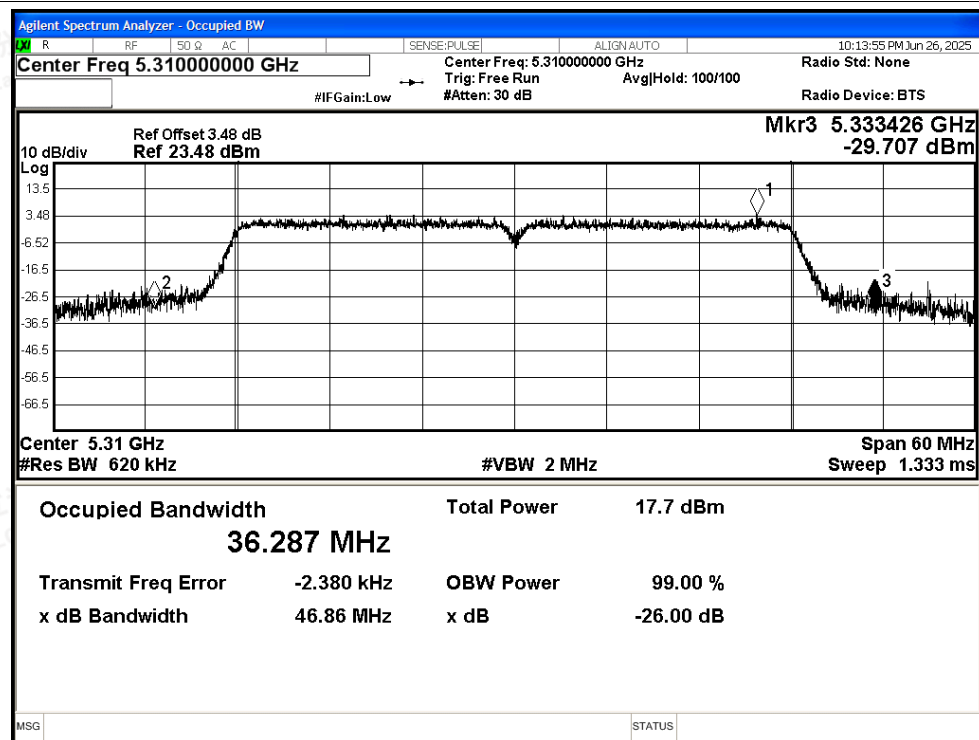
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-26dB Bandwidth NVNT n40 5270MHz An1



-26dB Bandwidth NVNT n40 5310MHz An1



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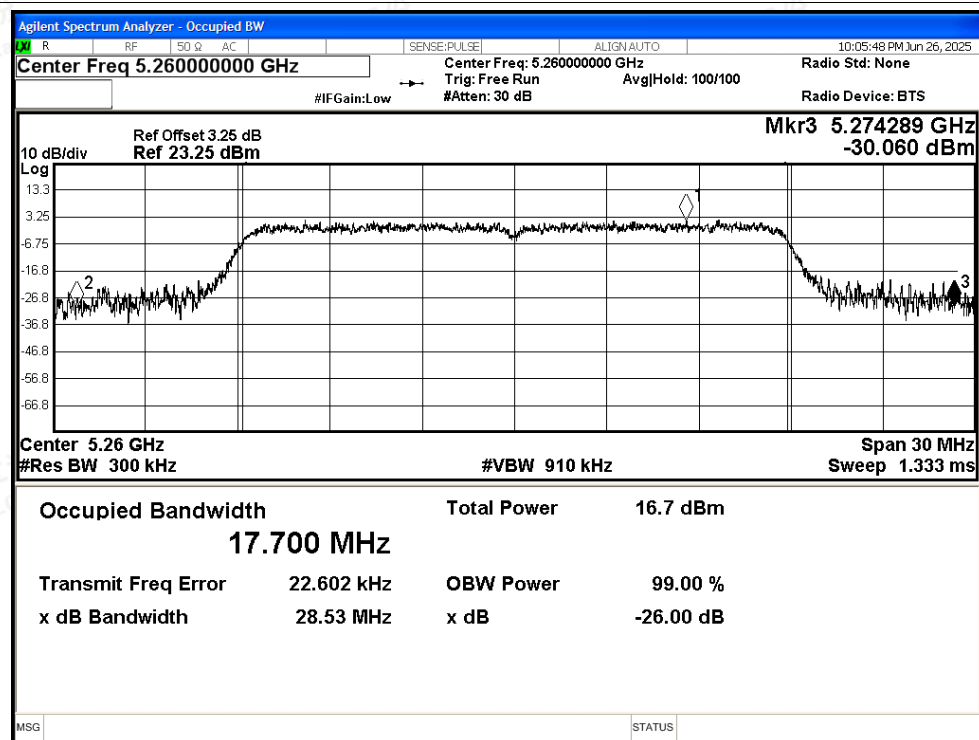
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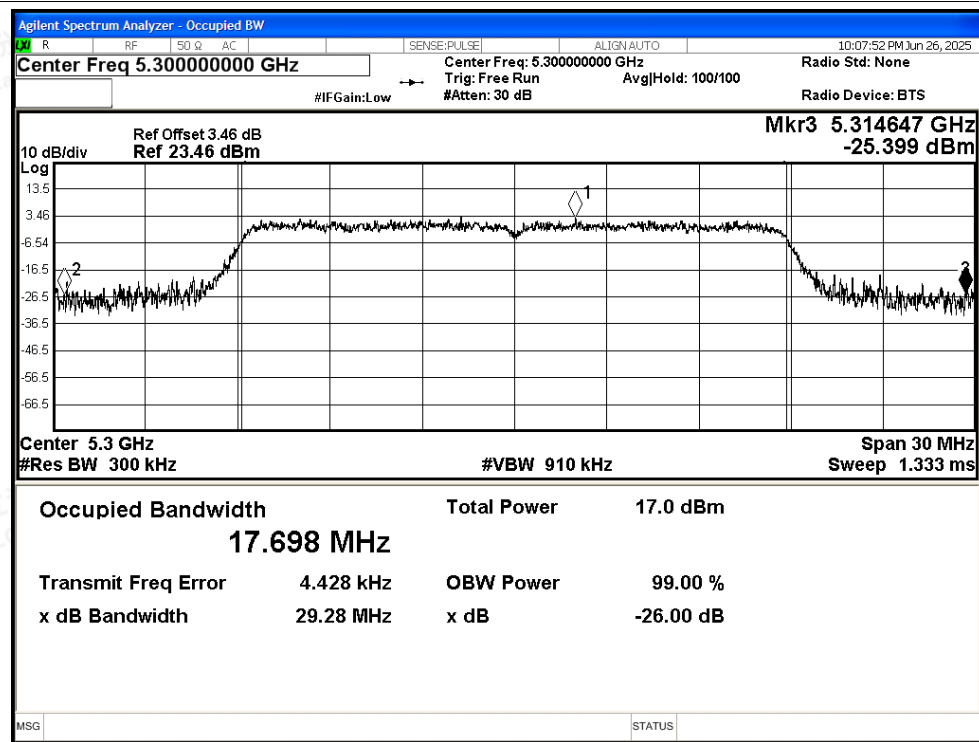
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-26dB Bandwidth NVNT ac20 5260MHz An1



-26dB Bandwidth NVNT ac20 5300MHz An1



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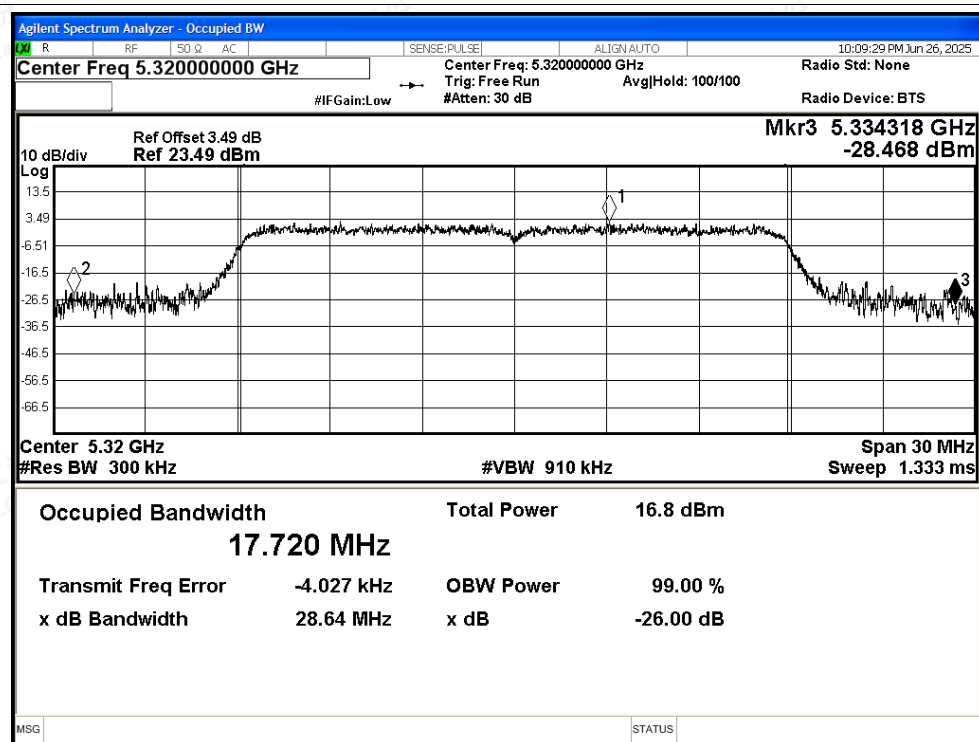
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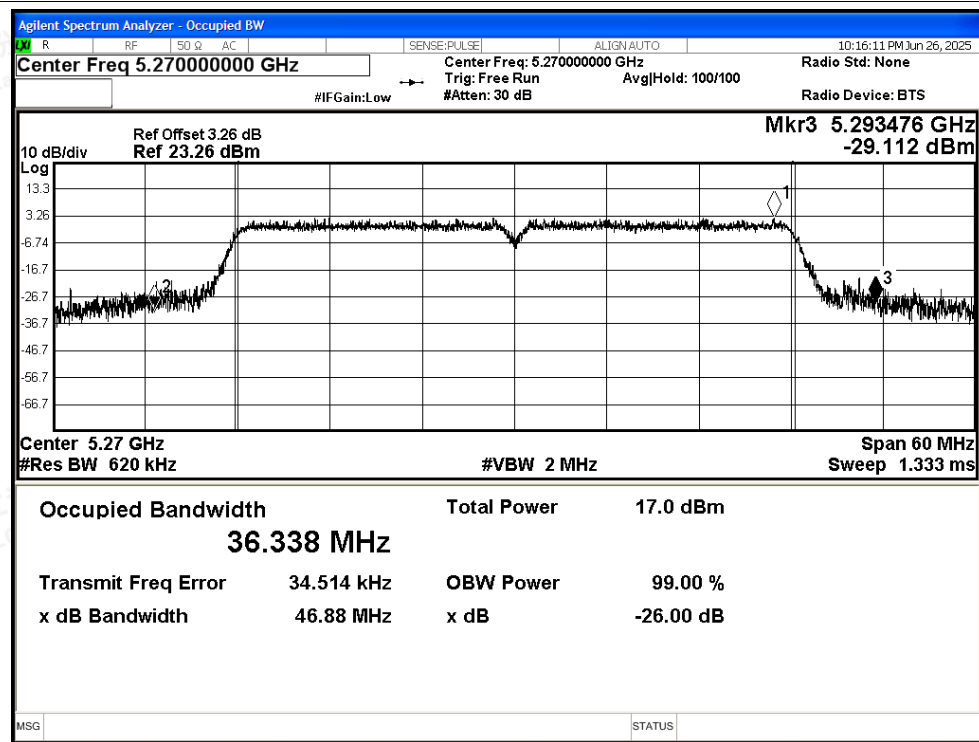
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-26dB Bandwidth NVNT ac20 5320MHz An1



-26dB Bandwidth NVNT ac40 5270MHz An1



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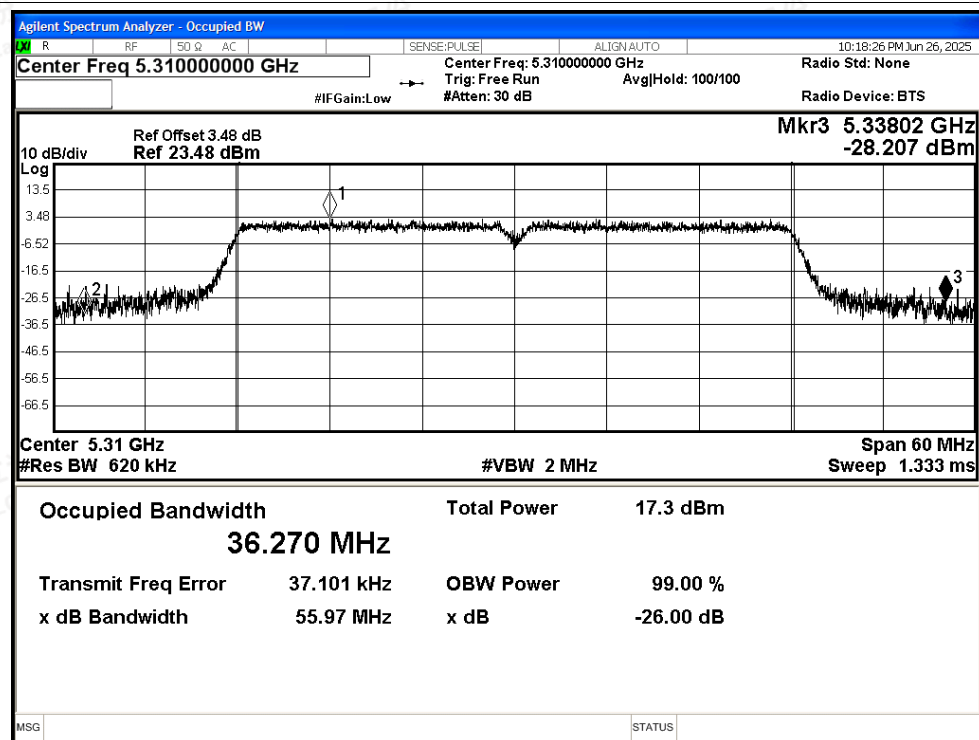
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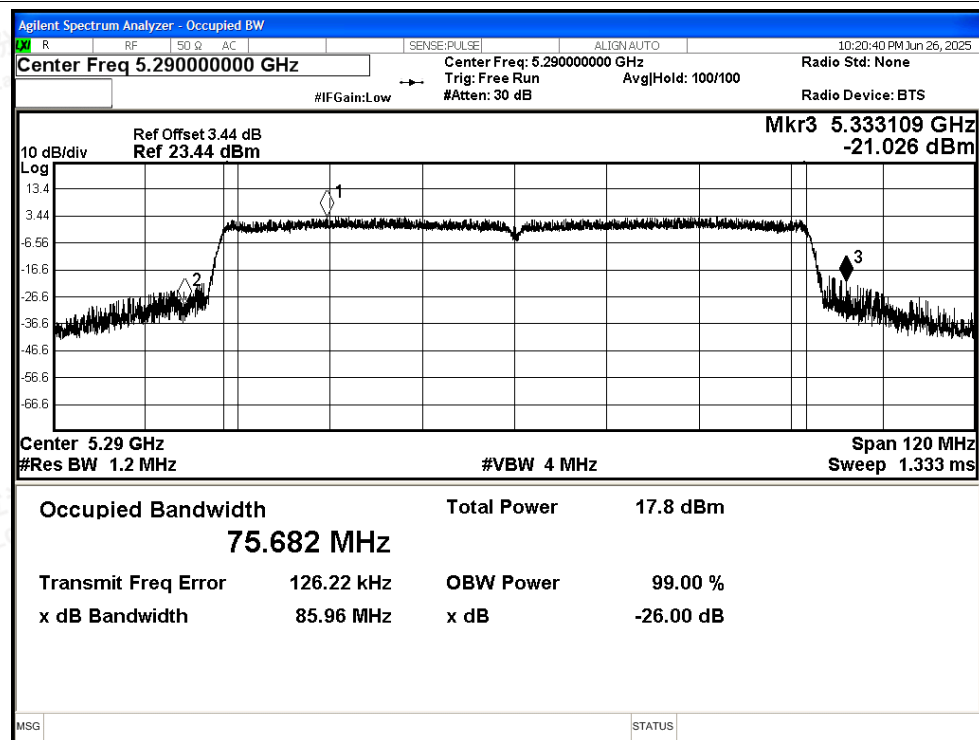
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-26dB Bandwidth NVNT ac40 5310MHz An1



-26dB Bandwidth NVNT ac80 5290MHz An1



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	An2	28	---	Pass
NVNT	a	5300	An2	25.885	---	Pass
NVNT	a	5320	An2	26.5	---	Pass
NVNT	n20	5260	An2	28.251	---	Pass
NVNT	n20	5300	An2	27.926	---	Pass
NVNT	n20	5320	An2	27.792	---	Pass
NVNT	n40	5270	An2	51.976	---	Pass
NVNT	n40	5310	An2	48.162	---	Pass
NVNT	ac20	5260	An2	28.401	---	Pass
NVNT	ac20	5300	An2	27.65	---	Pass
NVNT	ac20	5320	An2	28.019	---	Pass
NVNT	ac40	5270	An2	46.533	---	Pass
NVNT	ac40	5310	An2	47.224	---	Pass
NVNT	ac80	5290	An2	86.953	---	Pass



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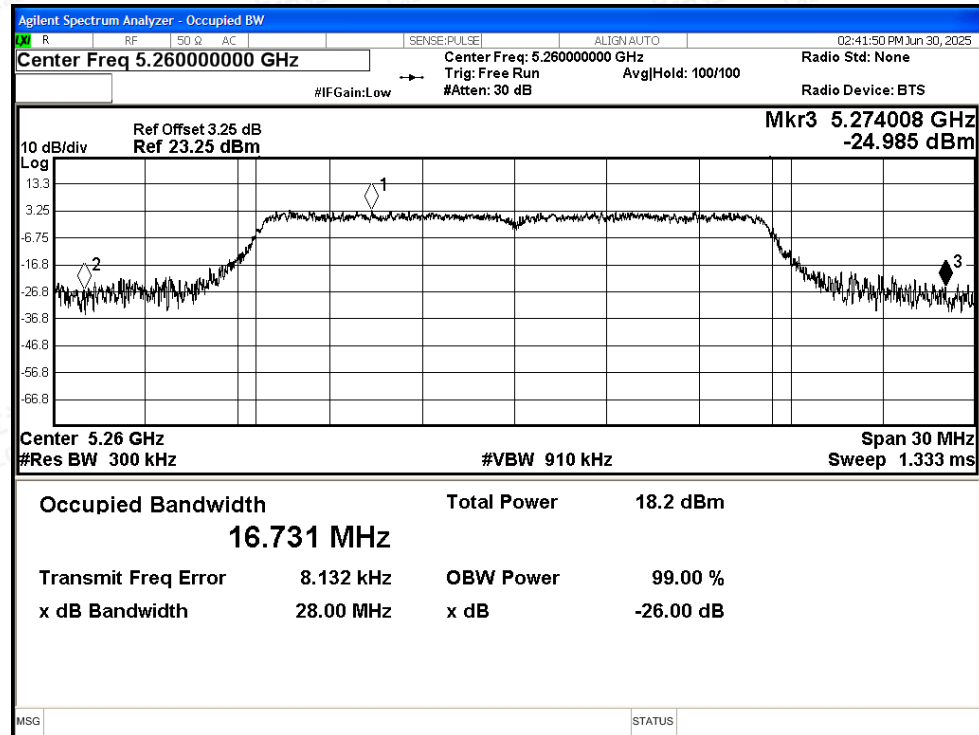
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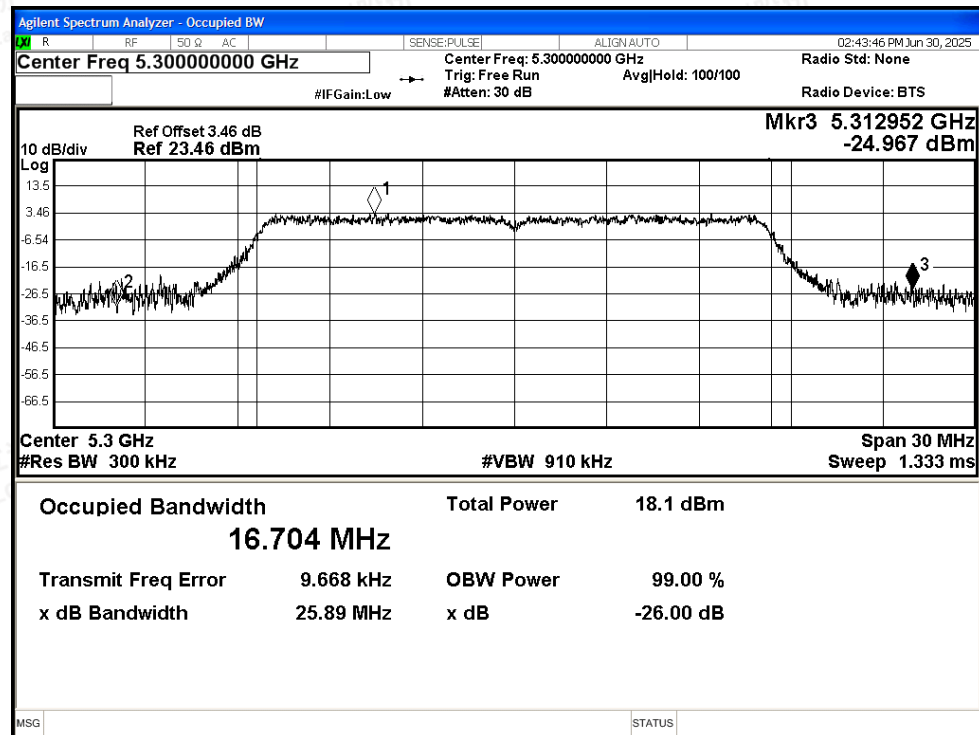


Test Graphs

-26dB Bandwidth NVNT a 5260MHz An2



-26dB Bandwidth NVNT a 5300MHz An2

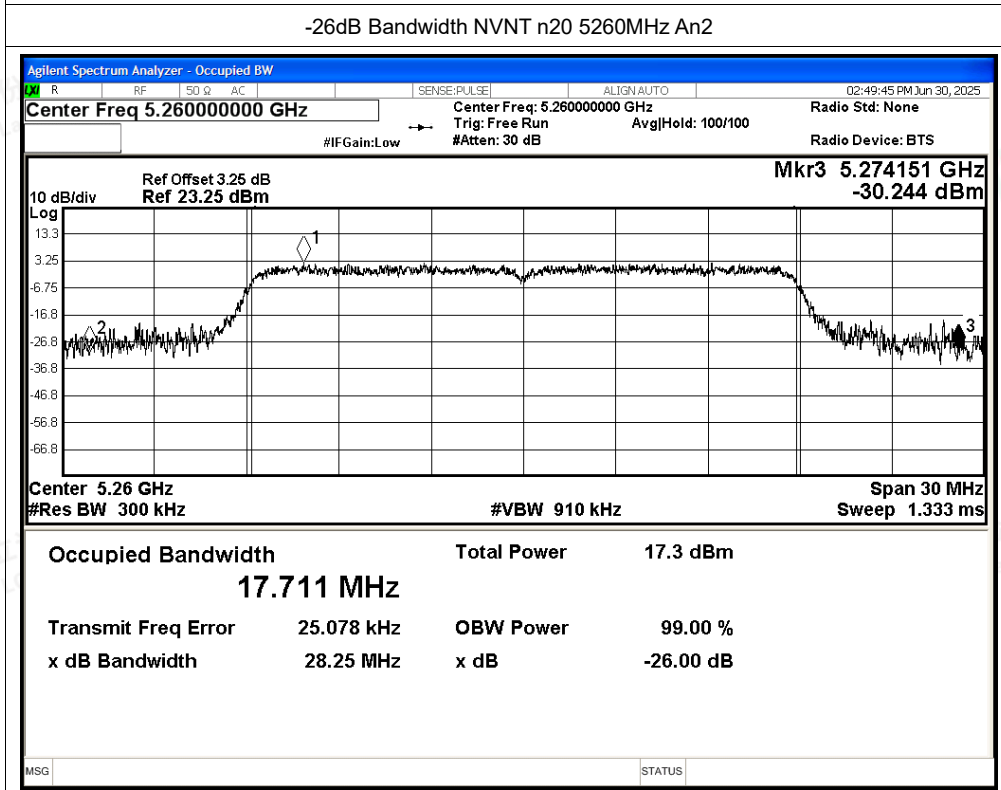
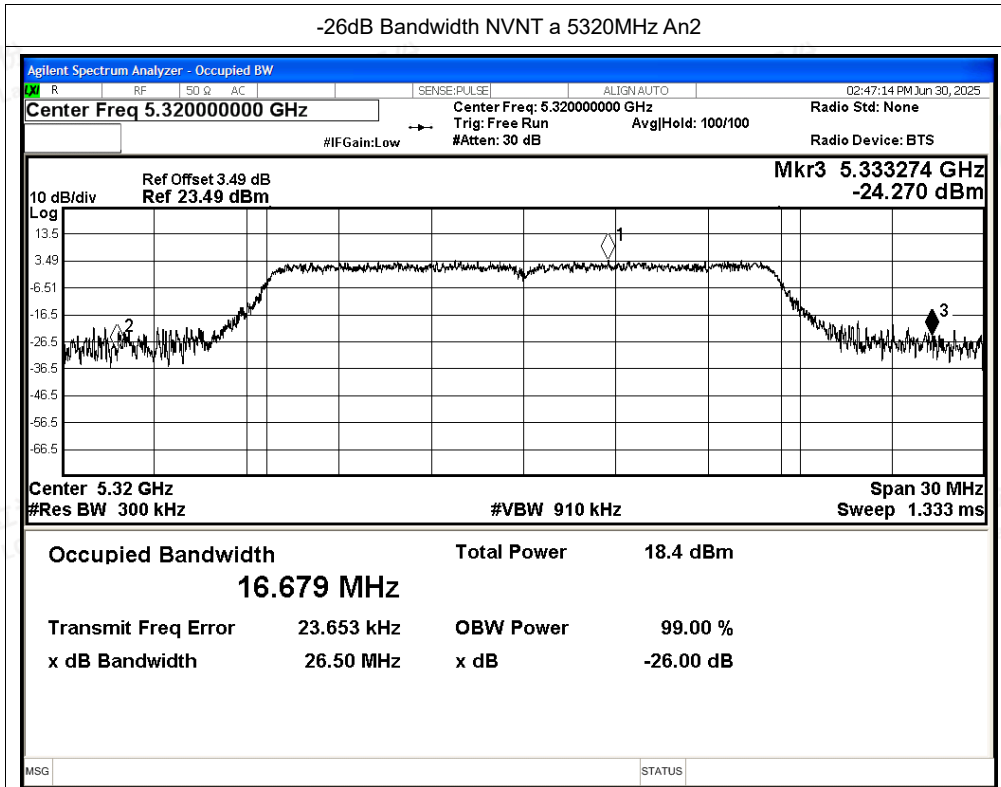


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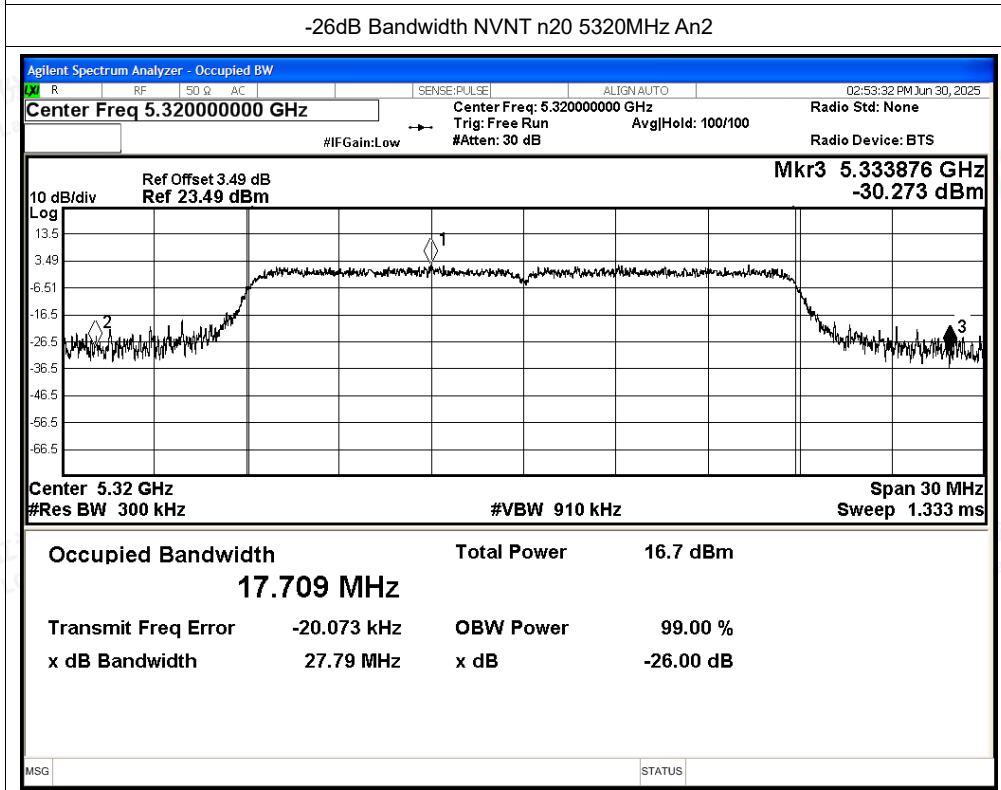
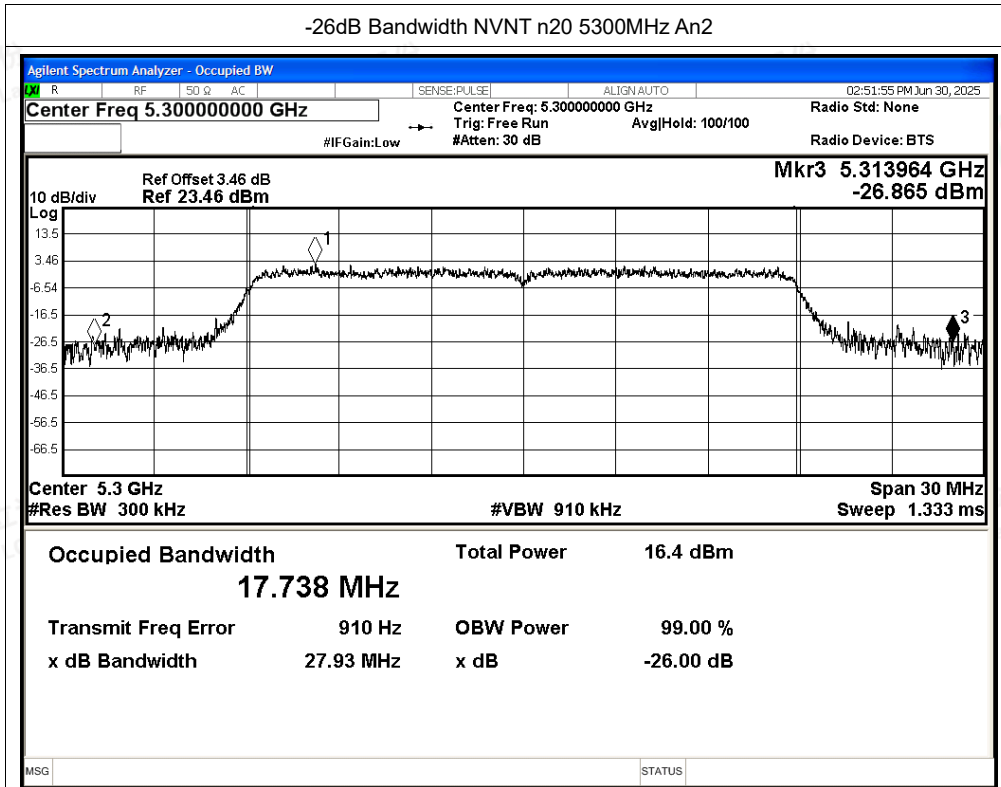


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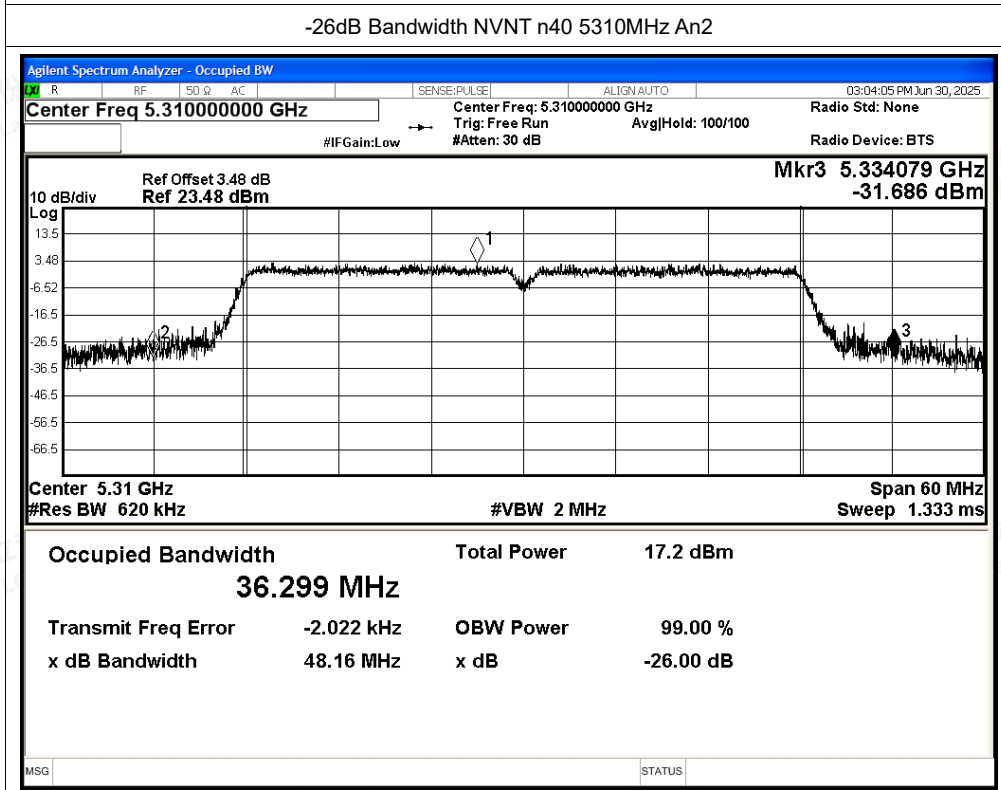
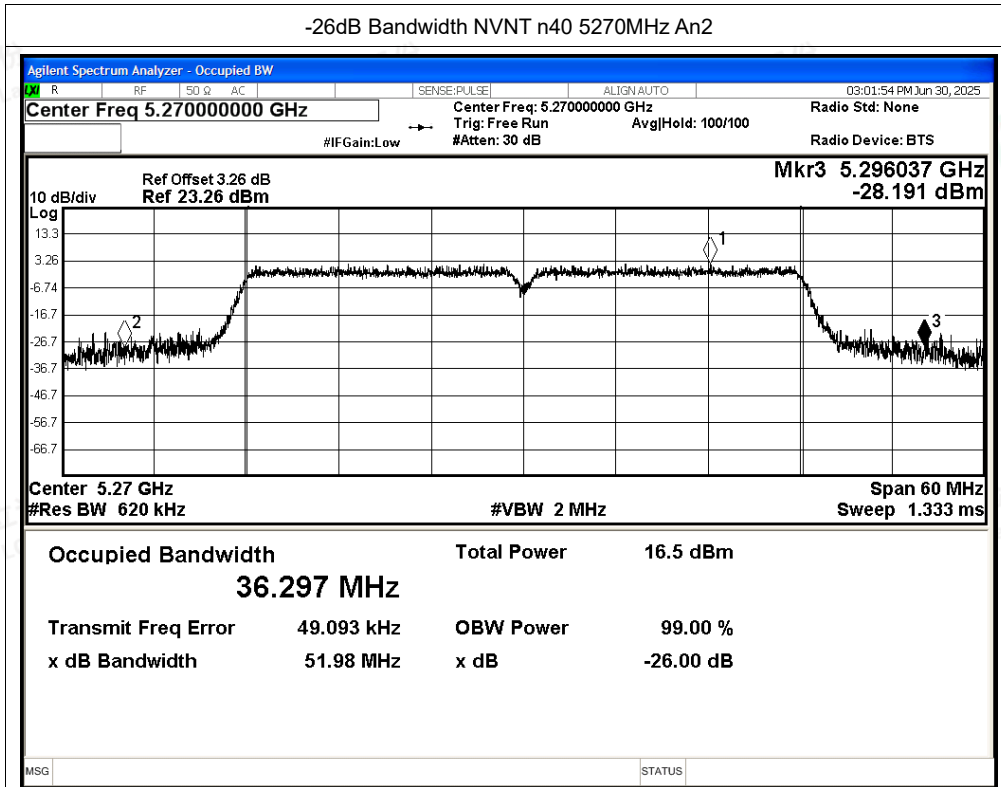


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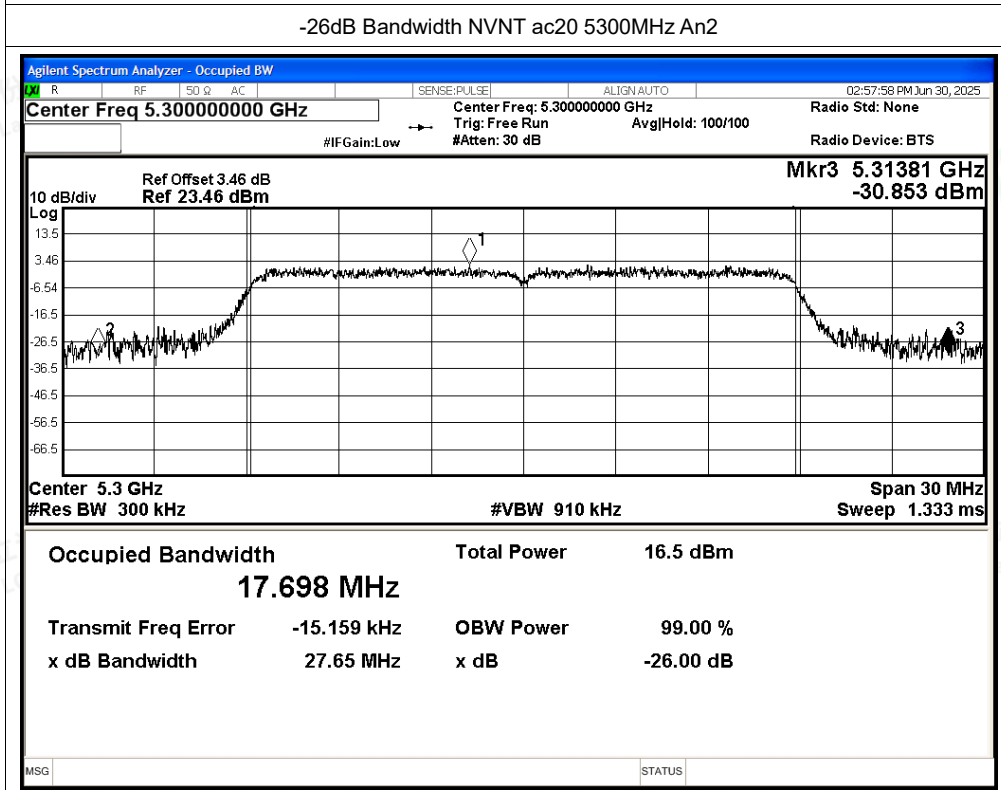
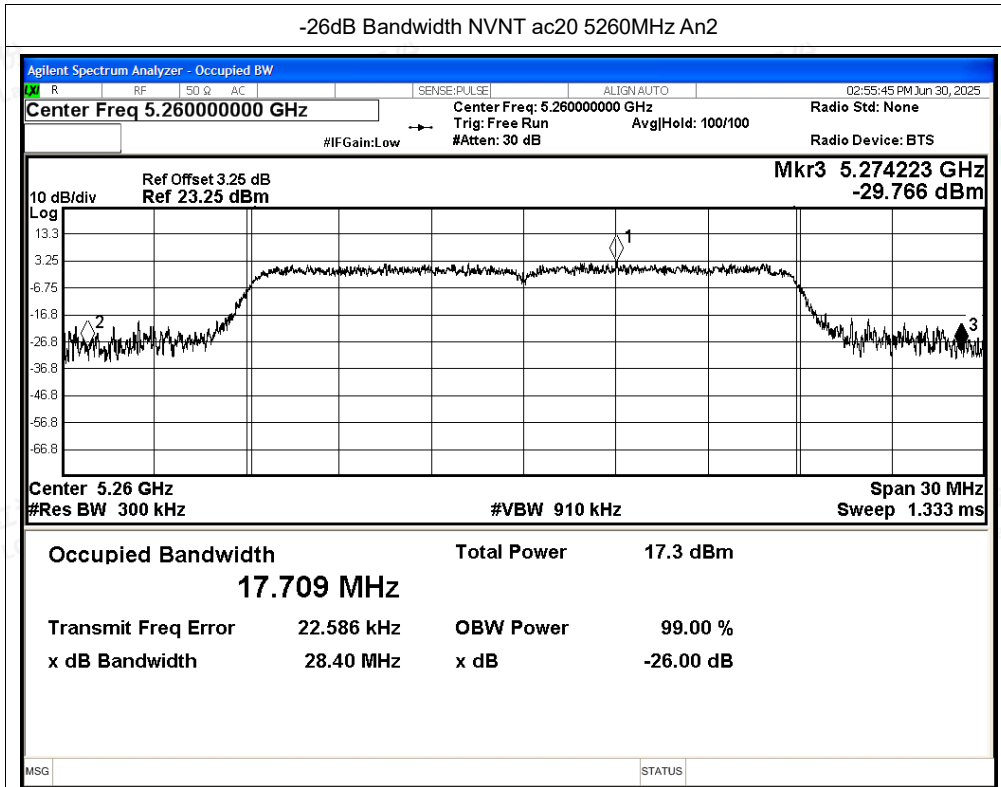


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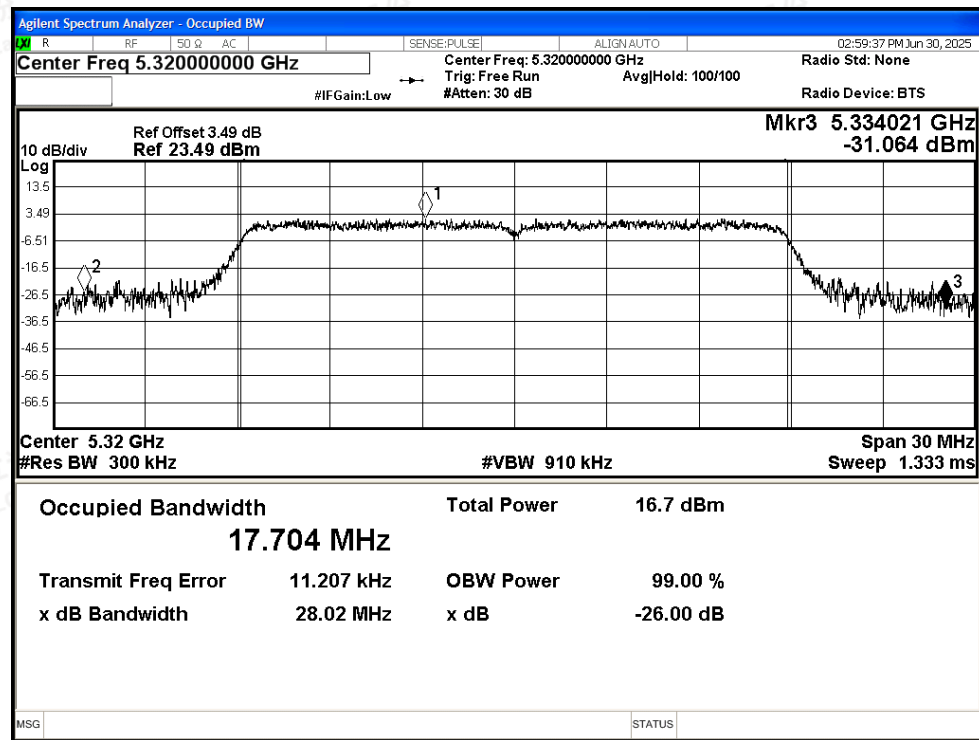
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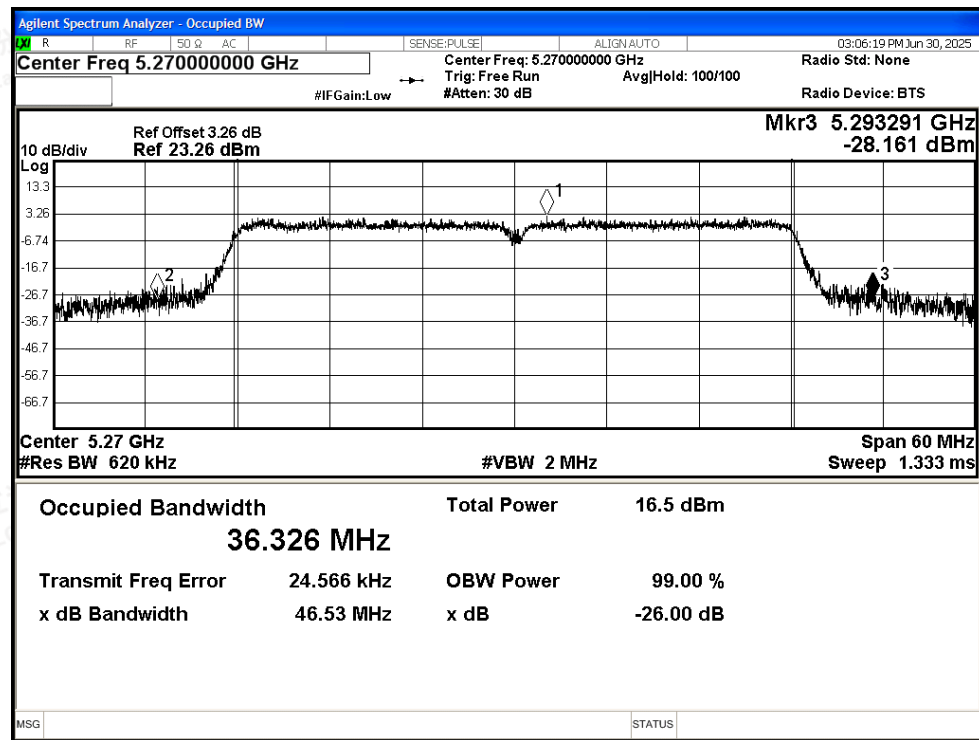
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-26dB Bandwidth NVNT ac20 5320MHz An2



-26dB Bandwidth NVNT ac40 5270MHz An2



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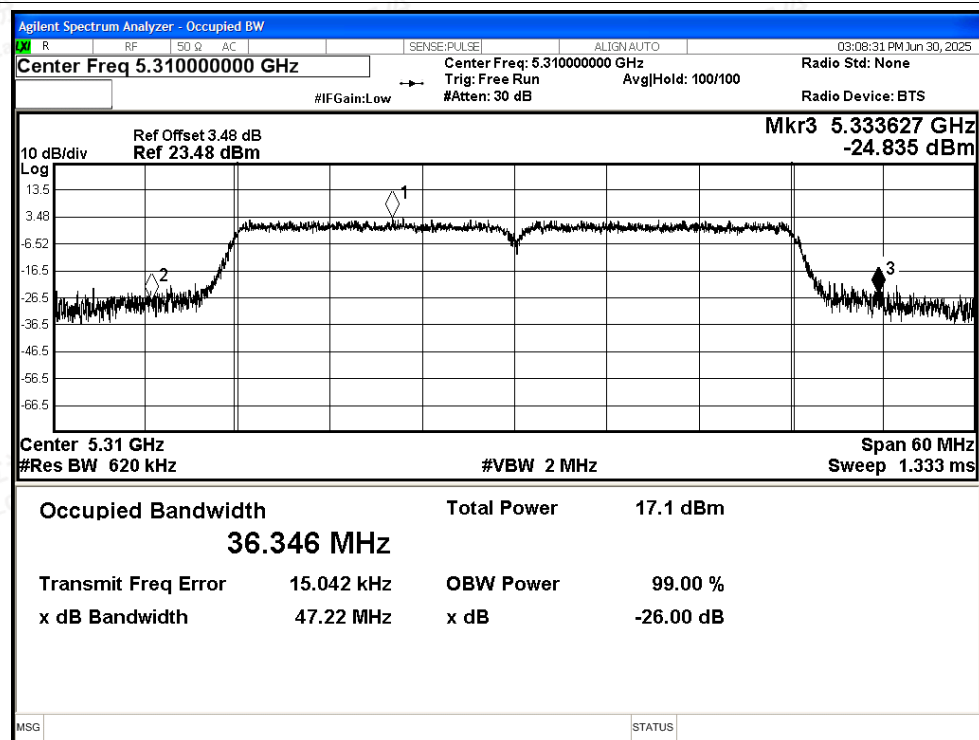
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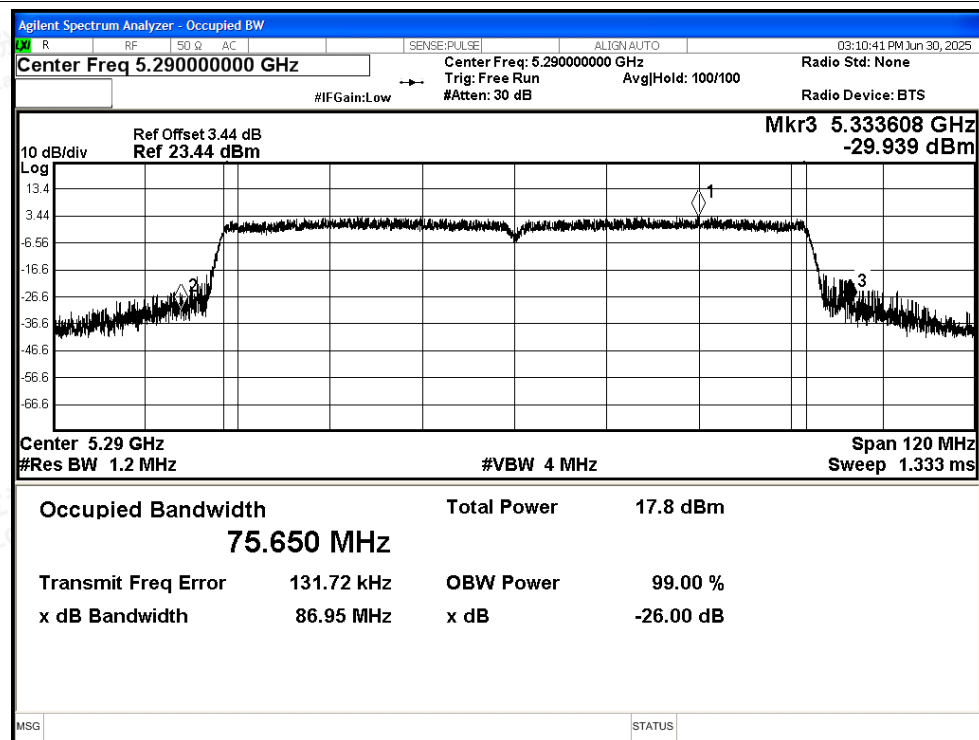
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-26dB Bandwidth NVNT ac40 5310MHz An2



-26dB Bandwidth NVNT ac80 5290MHz An2



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	An3	27.019	---	Pass
NVNT	a	5300	An3	27.795	---	Pass
NVNT	a	5320	An3	25.128	---	Pass
NVNT	n20	5260	An3	27.809	---	Pass
NVNT	n20	5300	An3	27.219	---	Pass
NVNT	n20	5320	An3	27.728	---	Pass
NVNT	n40	5270	An3	47.428	---	Pass
NVNT	n40	5310	An3	45.253	---	Pass
NVNT	ac20	5260	An3	28.876	---	Pass
NVNT	ac20	5300	An3	27.171	---	Pass
NVNT	ac20	5320	An3	28.653	---	Pass
NVNT	ac40	5270	An3	50.032	---	Pass
NVNT	ac40	5310	An3	51.81	---	Pass
NVNT	ac80	5290	An3	87.003	---	Pass
NVNT	ax20	5260	An3	27.818	---	Pass
NVNT	ax20	5300	An3	28.799	---	Pass
NVNT	ax20	5320	An3	26.139	---	Pass
NVNT	ax40	5270	An3	46.238	---	Pass
NVNT	ax40	5310	An3	51.977	---	Pass
NVNT	ax80	5290	An3	87.049	---	Pass



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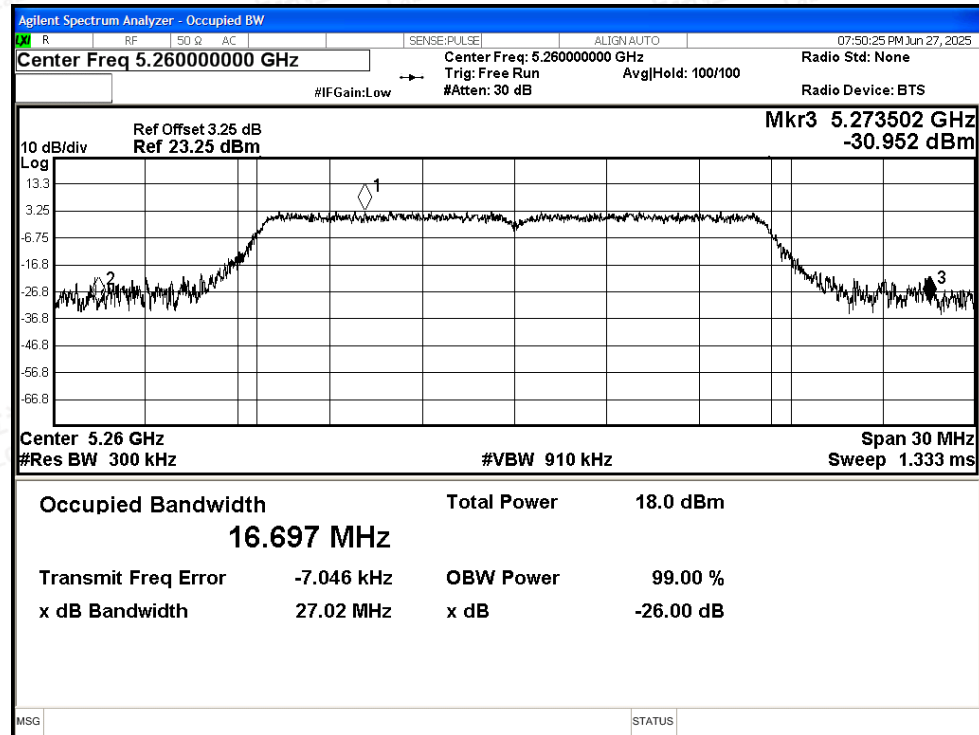
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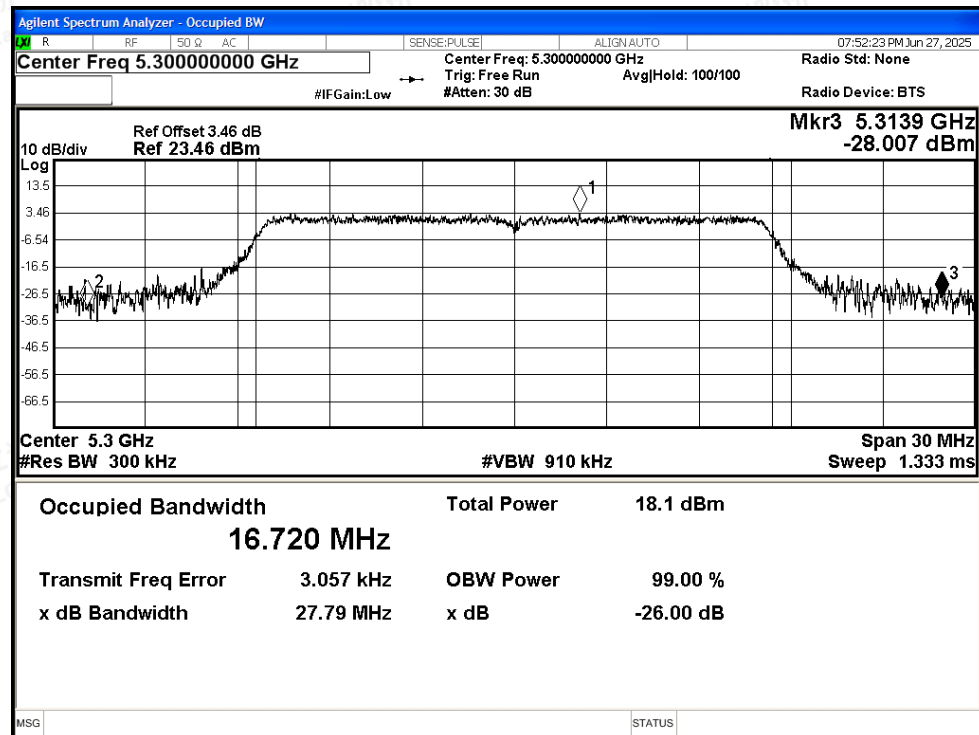


Test Graphs

-26dB Bandwidth NVNT a 5260MHz An3



-26dB Bandwidth NVNT a 5300MHz An3



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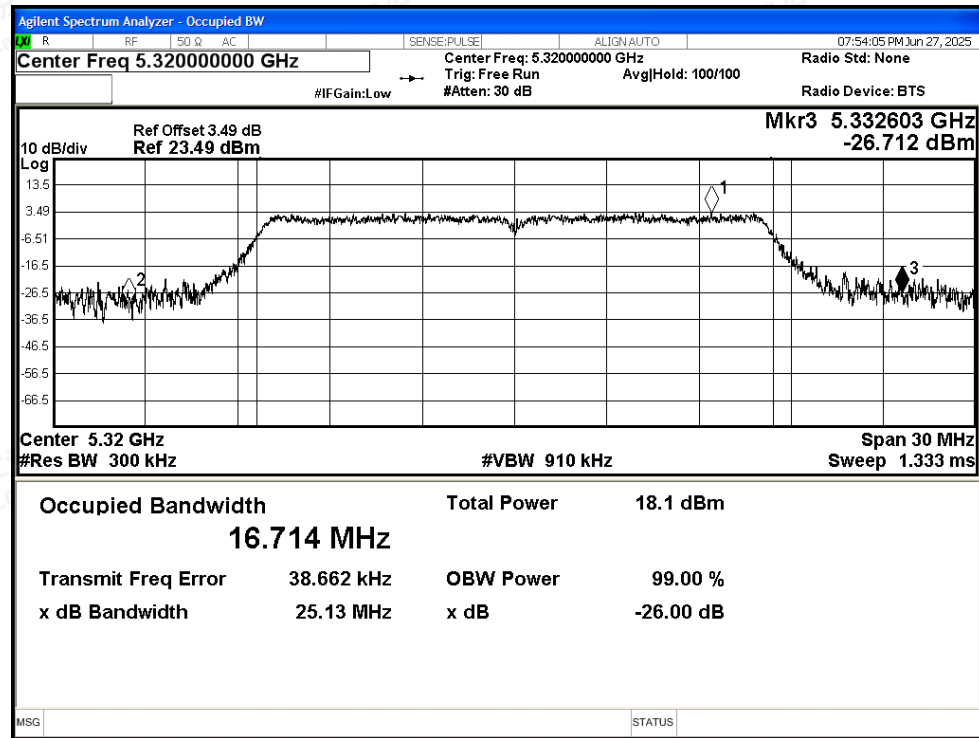
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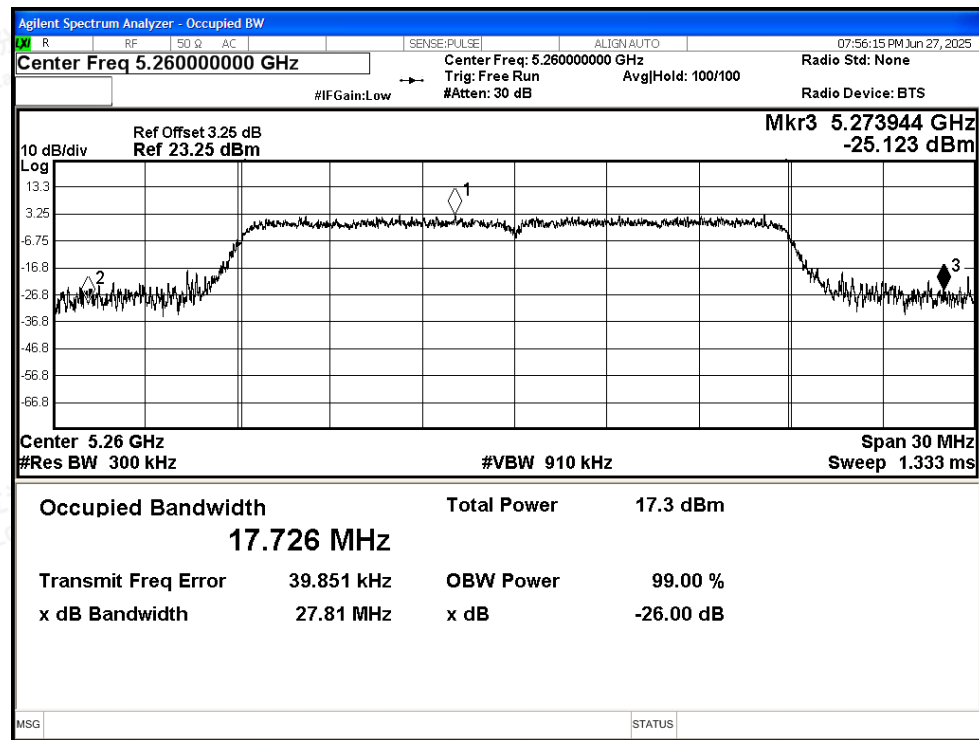
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-26dB Bandwidth NVNT a 5320MHz An3



-26dB Bandwidth NVNT n20 5260MHz An3

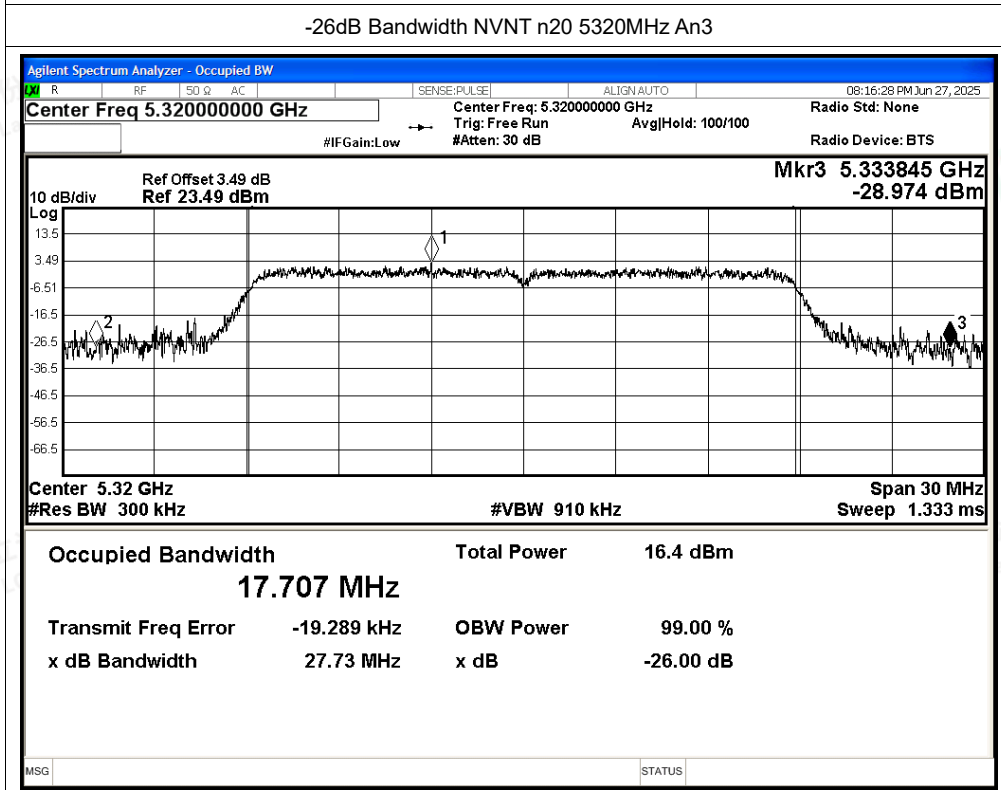
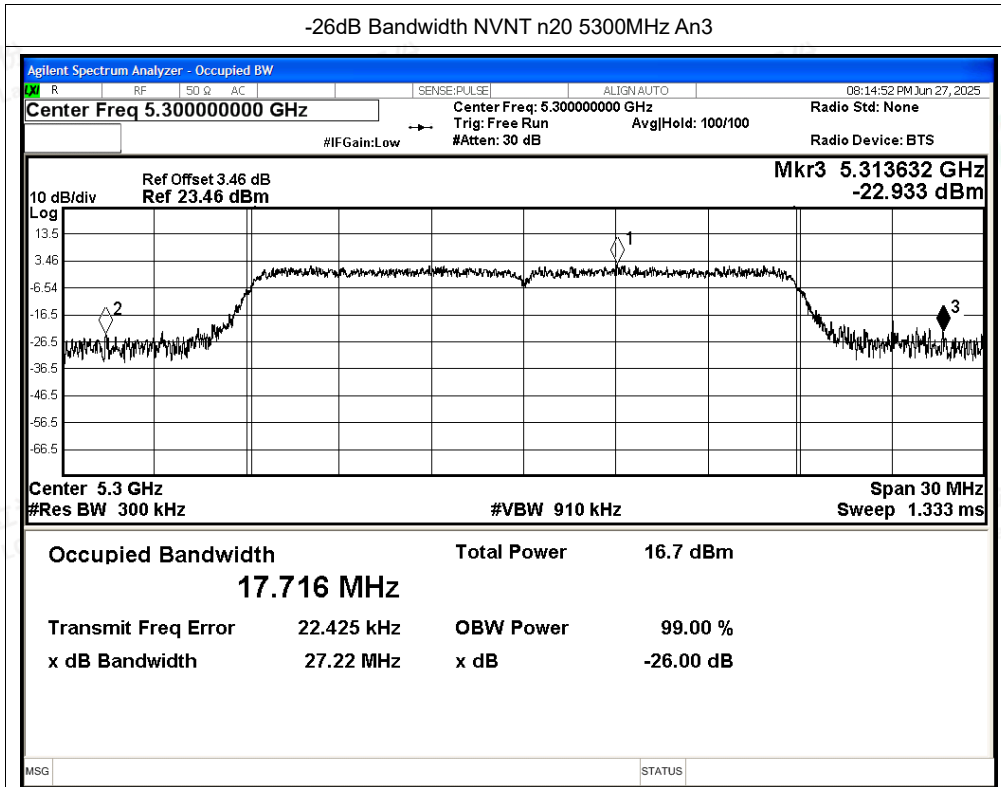


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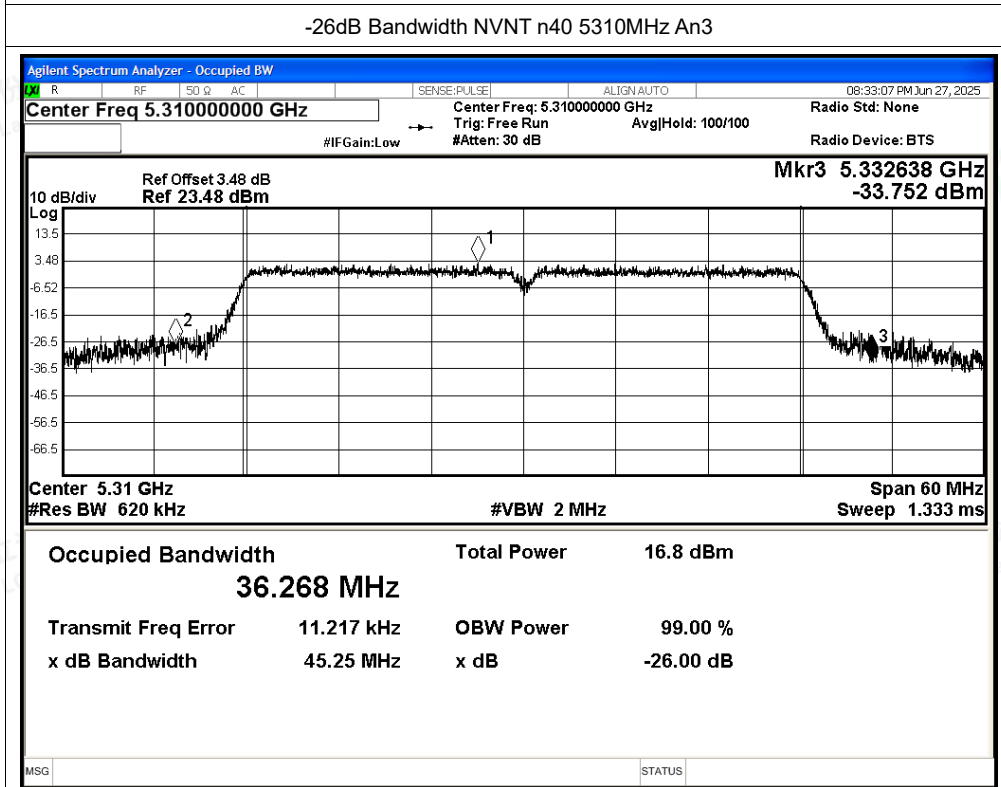
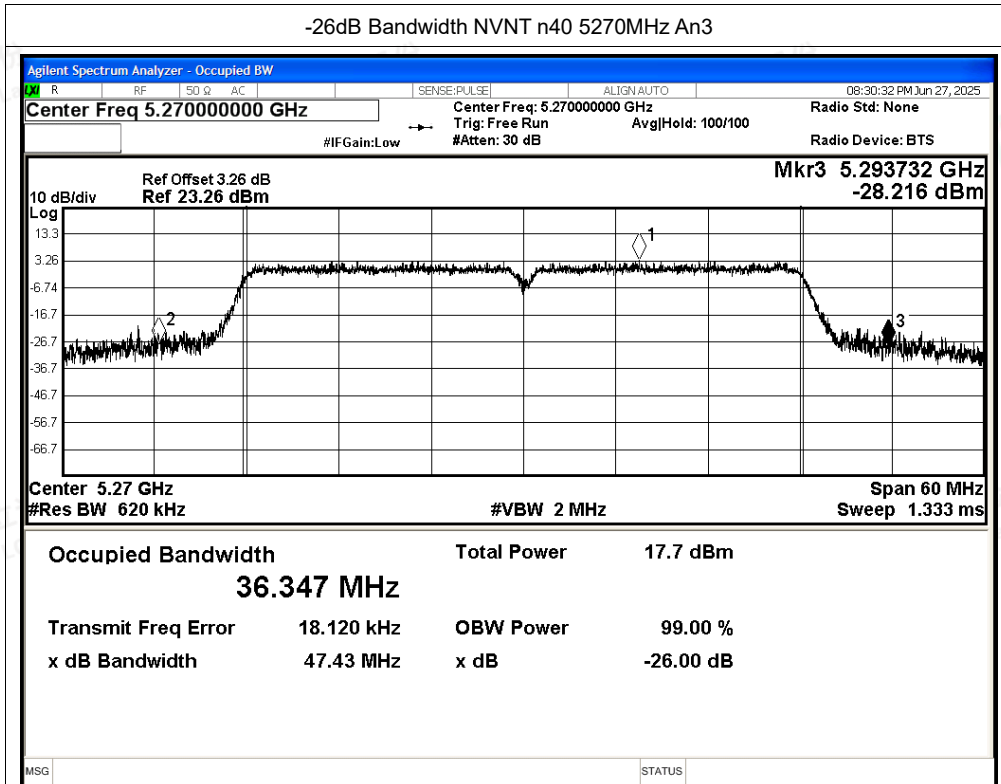


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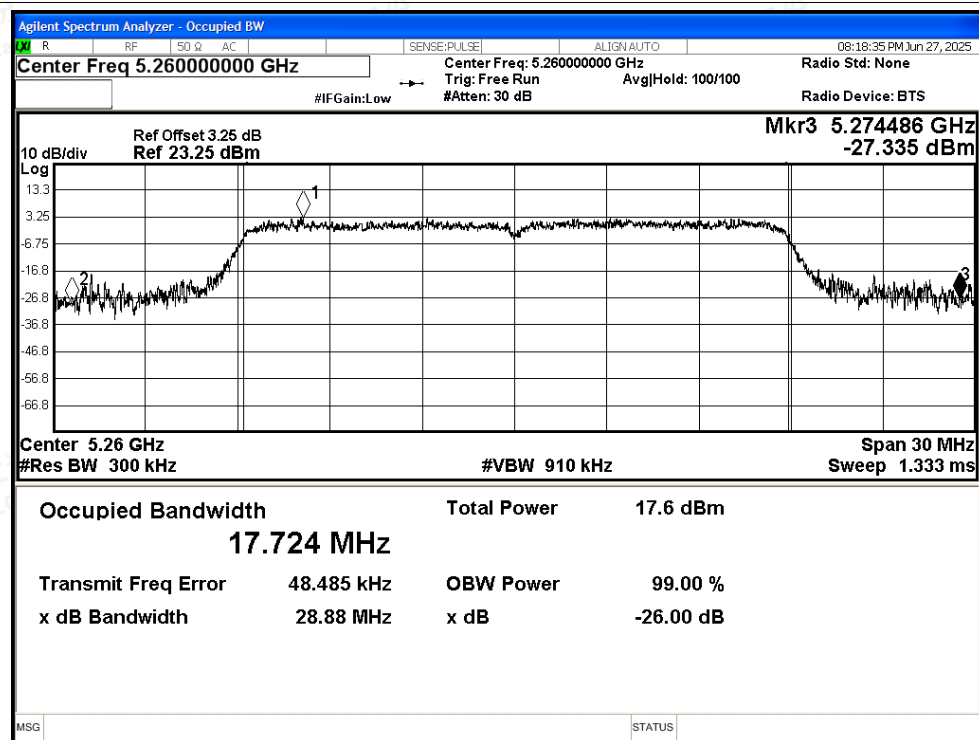
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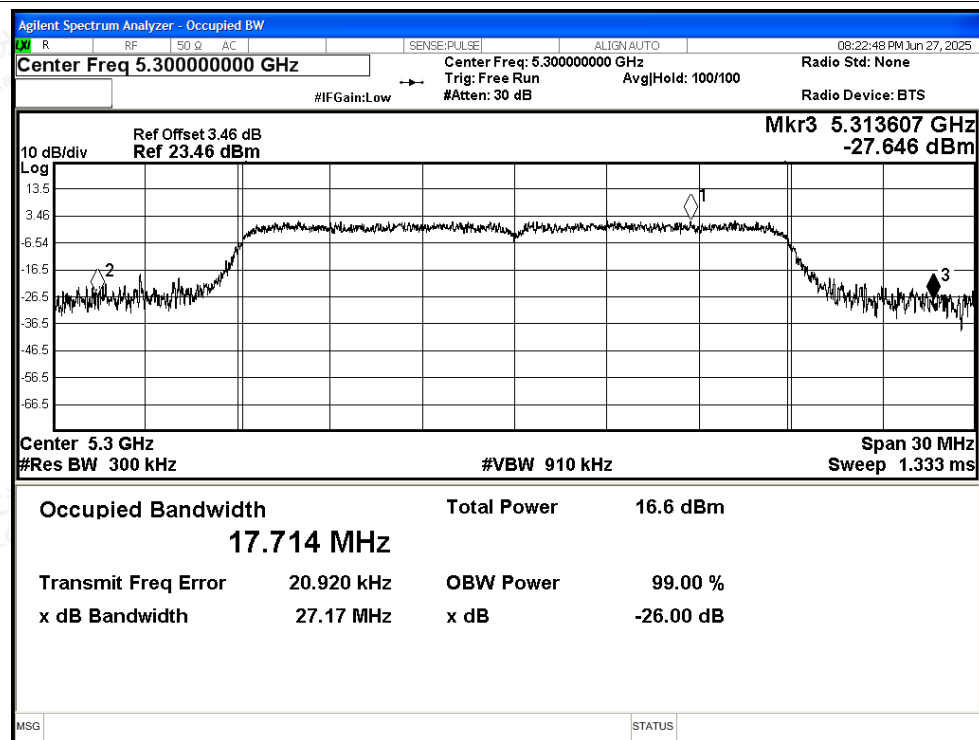
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-26dB Bandwidth NVNT ac20 5260MHz An3



-26dB Bandwidth NVNT ac20 5300MHz An3

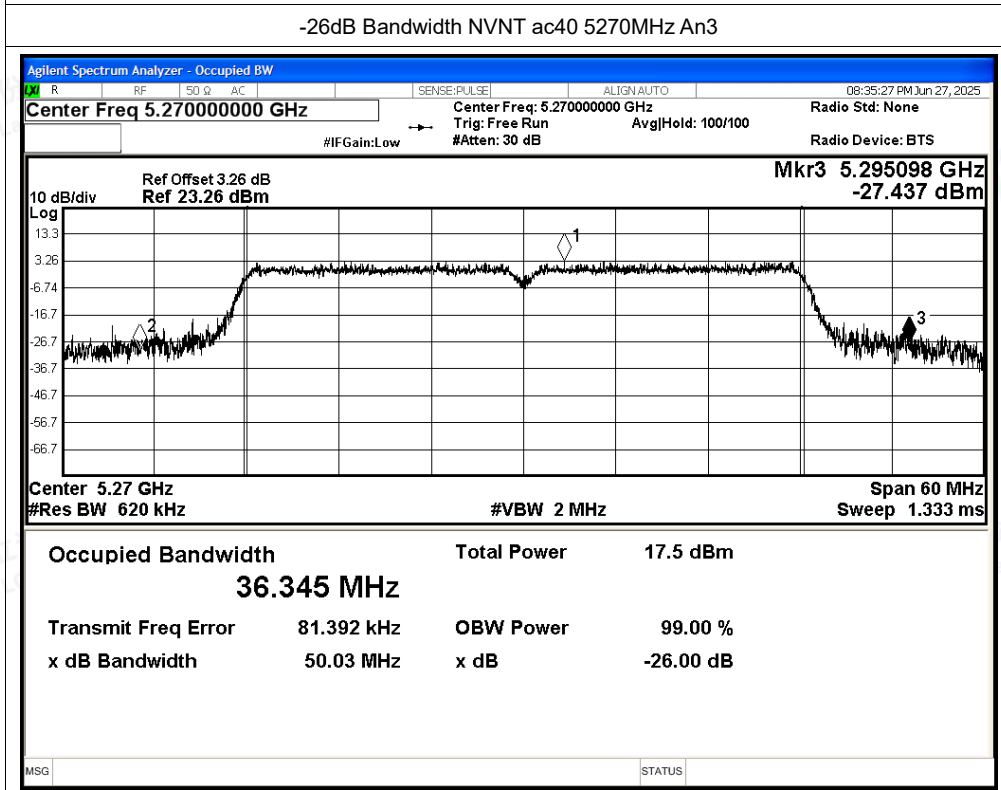
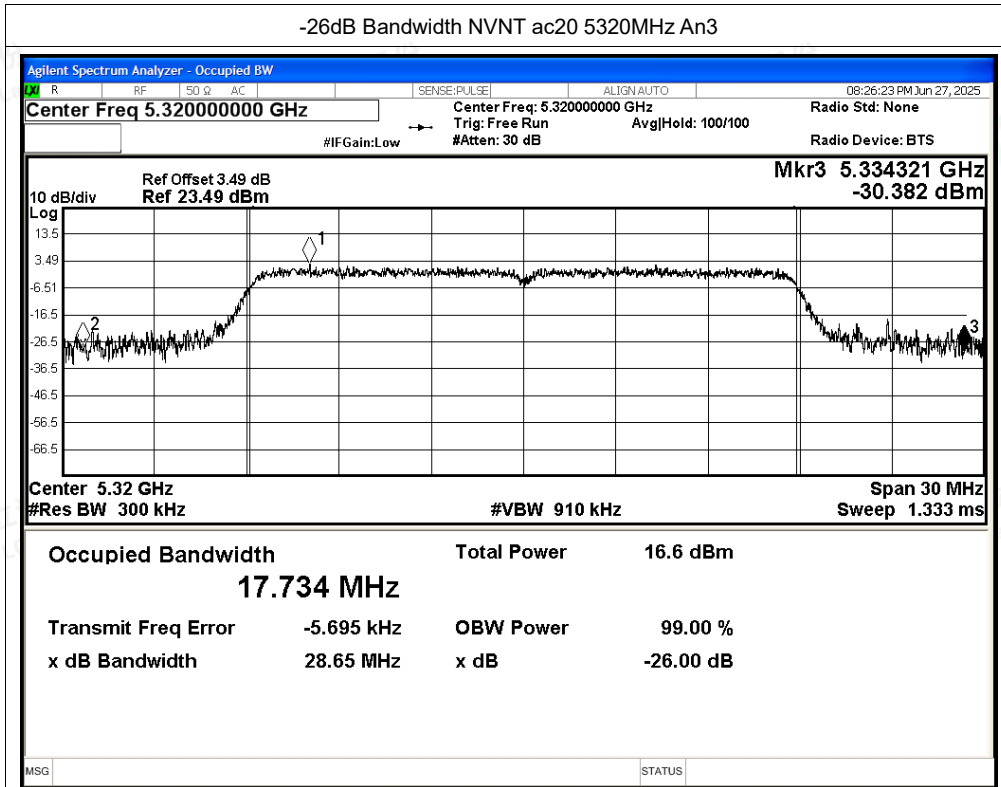


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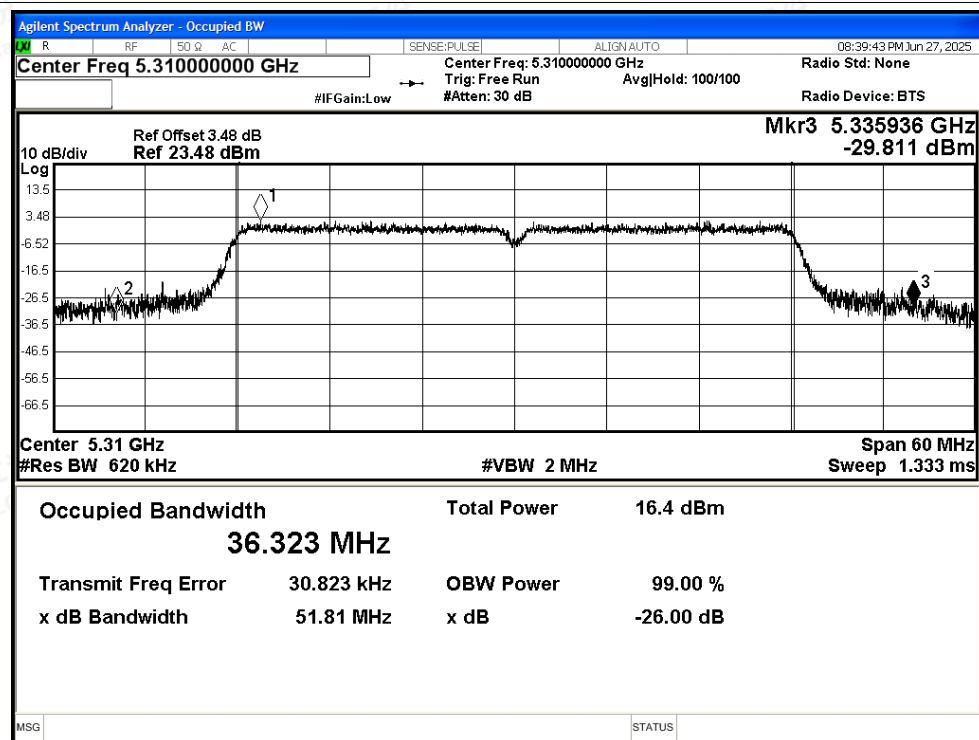
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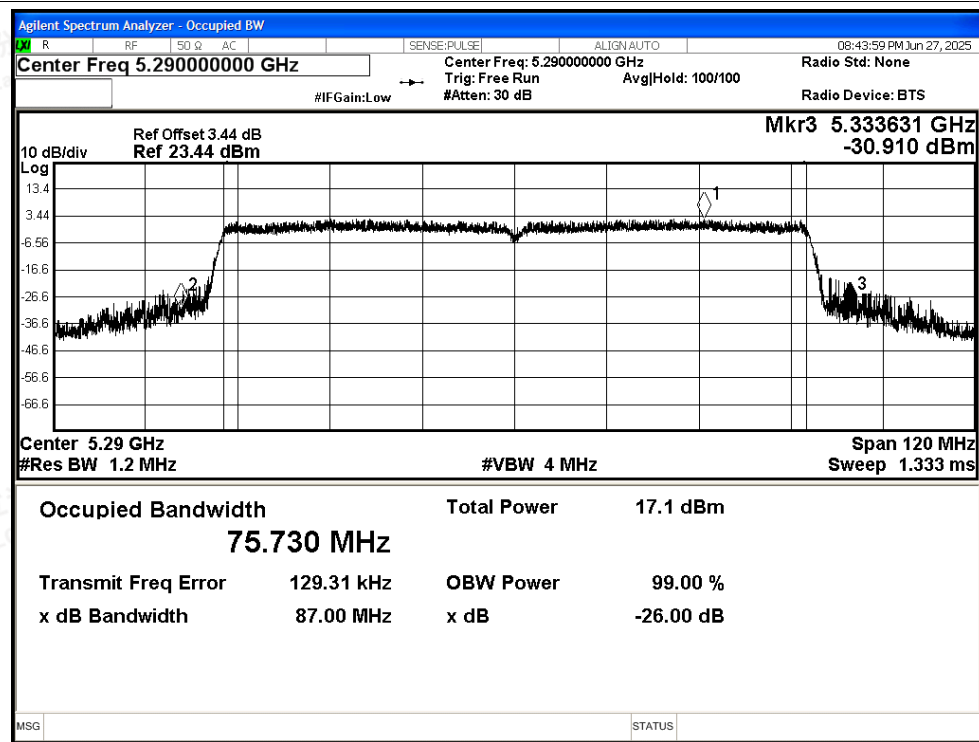
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-26dB Bandwidth NVNT ac40 5310MHz An3



-26dB Bandwidth NVNT ac80 5290MHz An3

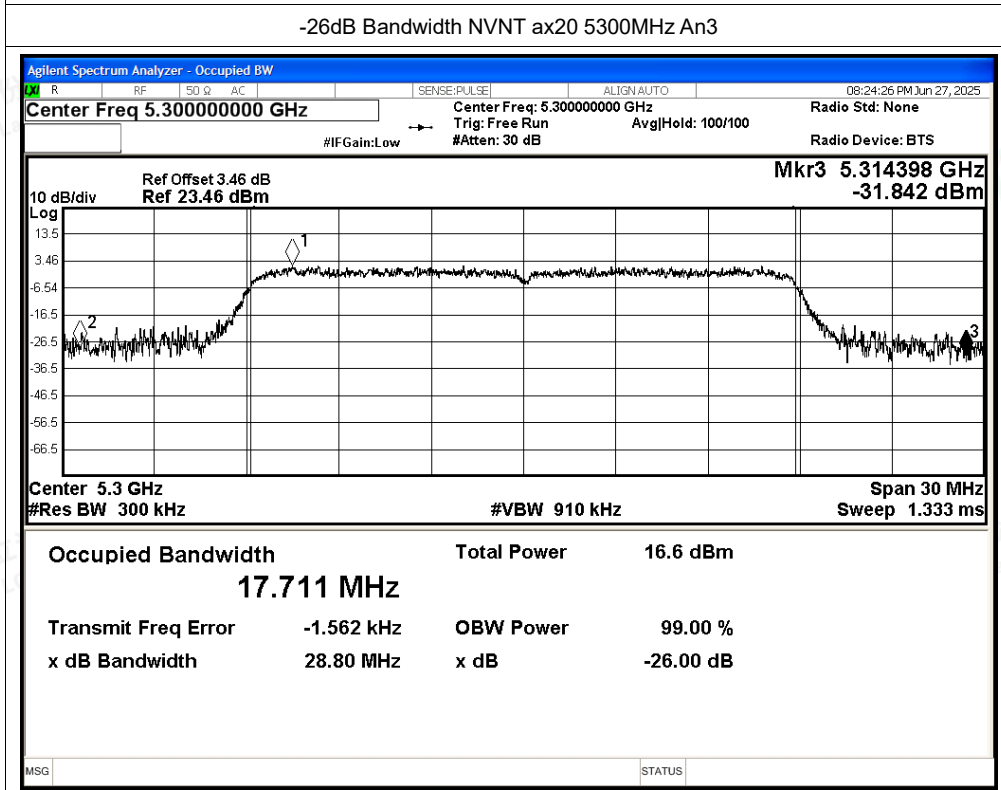
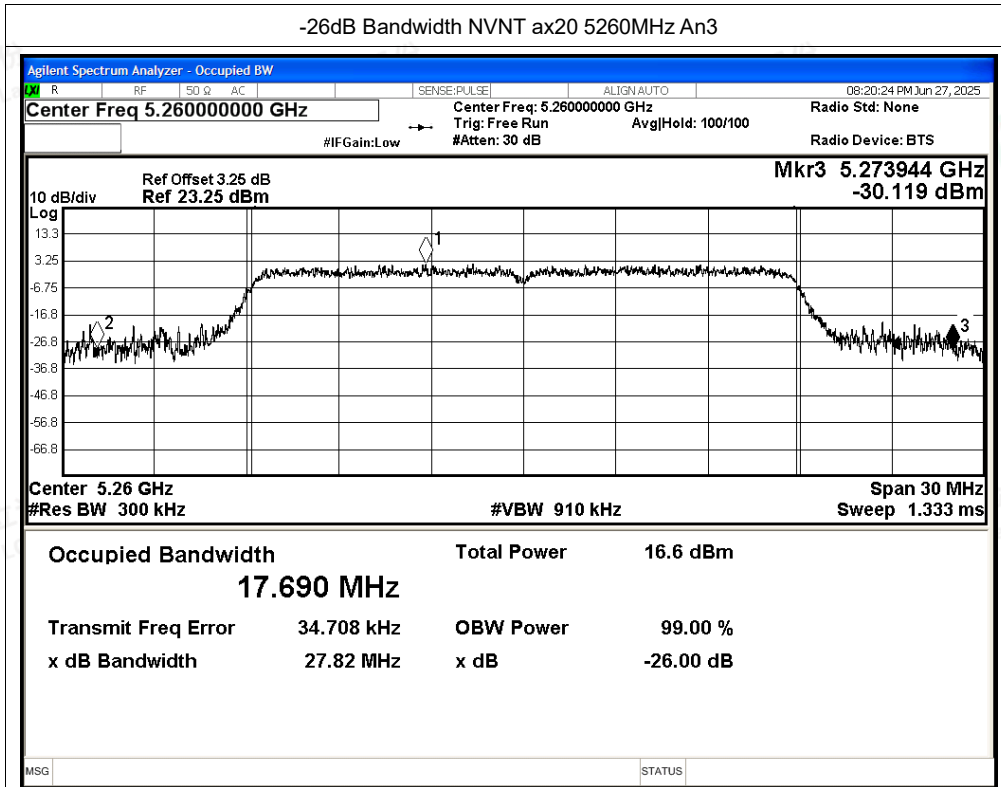


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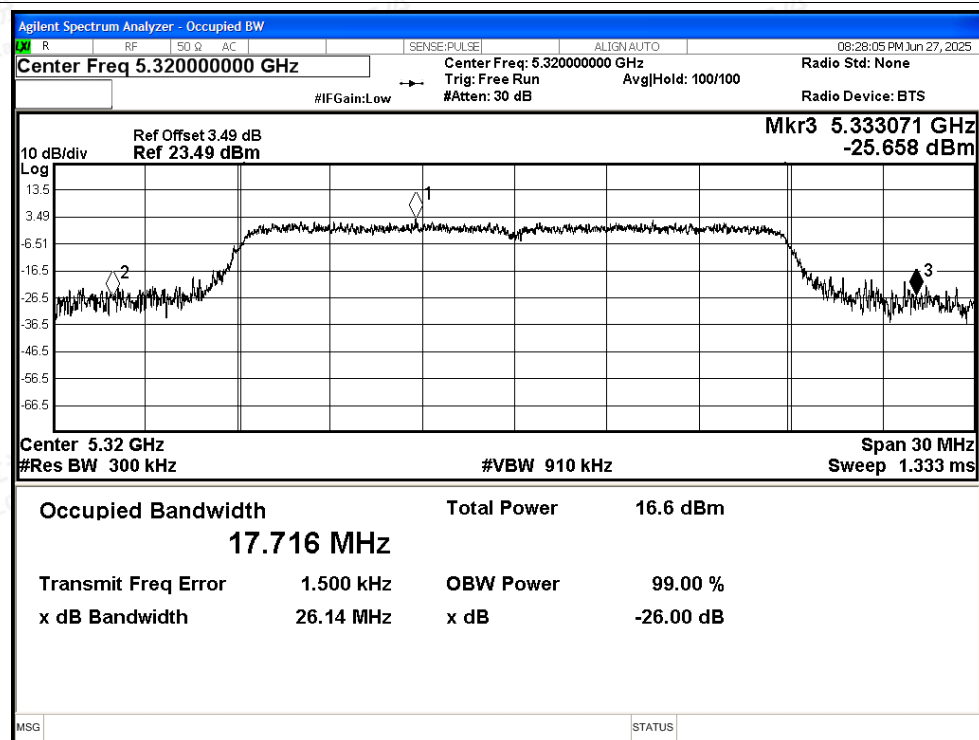
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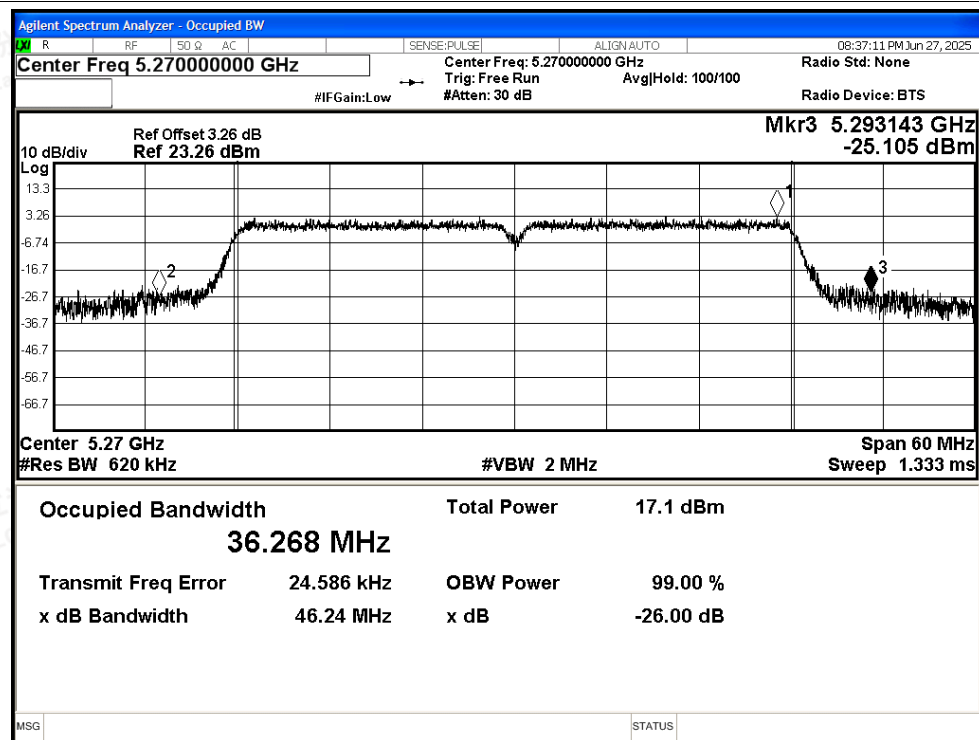
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-26dB Bandwidth NVNT ax20 5320MHz An3



-26dB Bandwidth NVNT ax40 5270MHz An3



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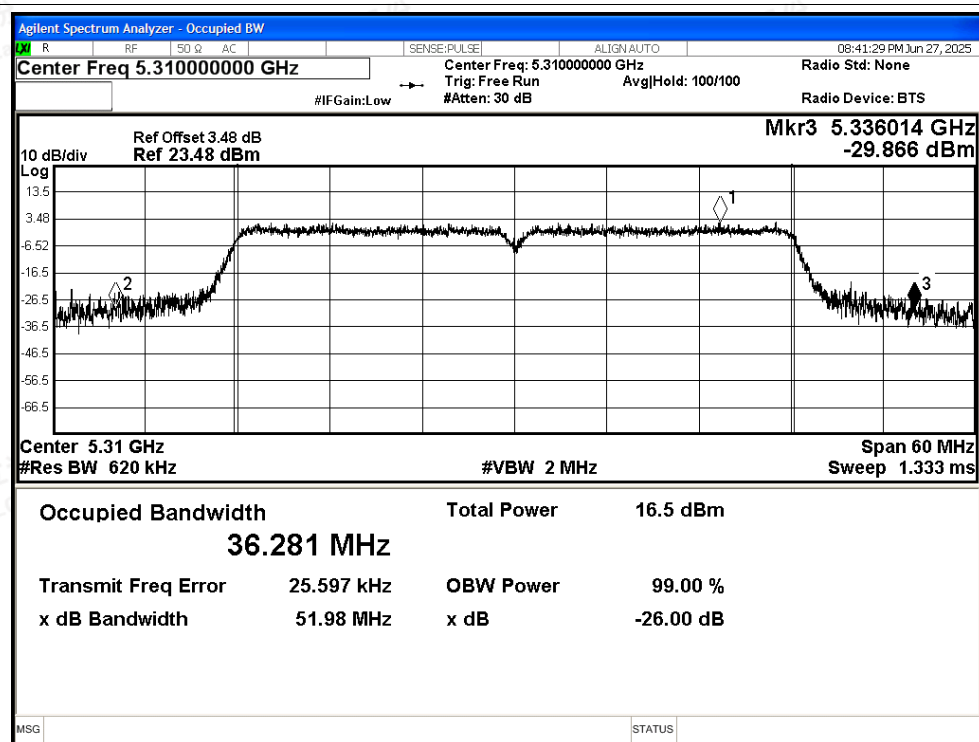
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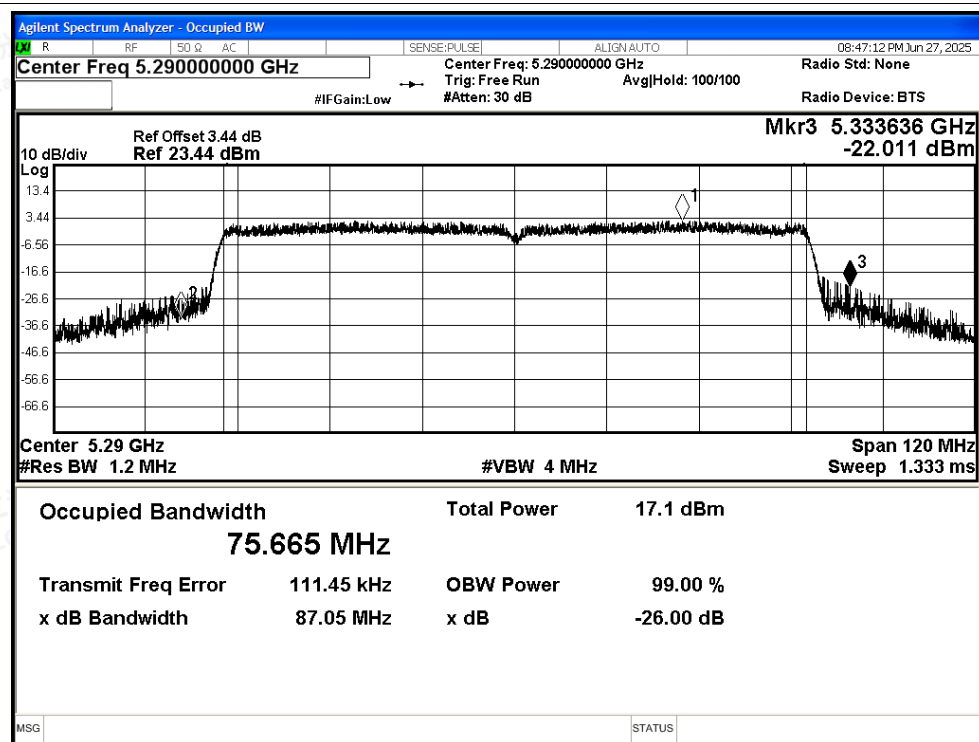
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-26dB Bandwidth NVNT ax40 5310MHz An3



-26dB Bandwidth NVNT ax80 5290MHz An3



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Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	a	5260	An4	26.101	---	Pass
NVNT	a	5300	An4	26.761	---	Pass
NVNT	a	5320	An4	25.884	---	Pass
NVNT	n20	5260	An4	28.702	---	Pass
NVNT	n20	5300	An4	27.063	---	Pass
NVNT	n20	5320	An4	25.942	---	Pass
NVNT	n40	5270	An4	43.701	---	Pass
NVNT	n40	5310	An4	46.923	---	Pass
NVNT	ac20	5260	An4	28.343	---	Pass
NVNT	ac20	5300	An4	28.698	---	Pass
NVNT	ac20	5320	An4	26.288	---	Pass
NVNT	ac40	5270	An4	48.653	---	Pass
NVNT	ac40	5310	An4	47.114	---	Pass
NVNT	ac80	5290	An4	86.438	---	Pass
NVNT	ax20	5260	An4	28.732	---	Pass
NVNT	ax20	5300	An4	28.299	---	Pass
NVNT	ax20	5320	An4	28.969	---	Pass
NVNT	ax40	5270	An4	47.67	---	Pass
NVNT	ax40	5310	An4	52.296	---	Pass
NVNT	ax80	5290	An4	88.411	---	Pass



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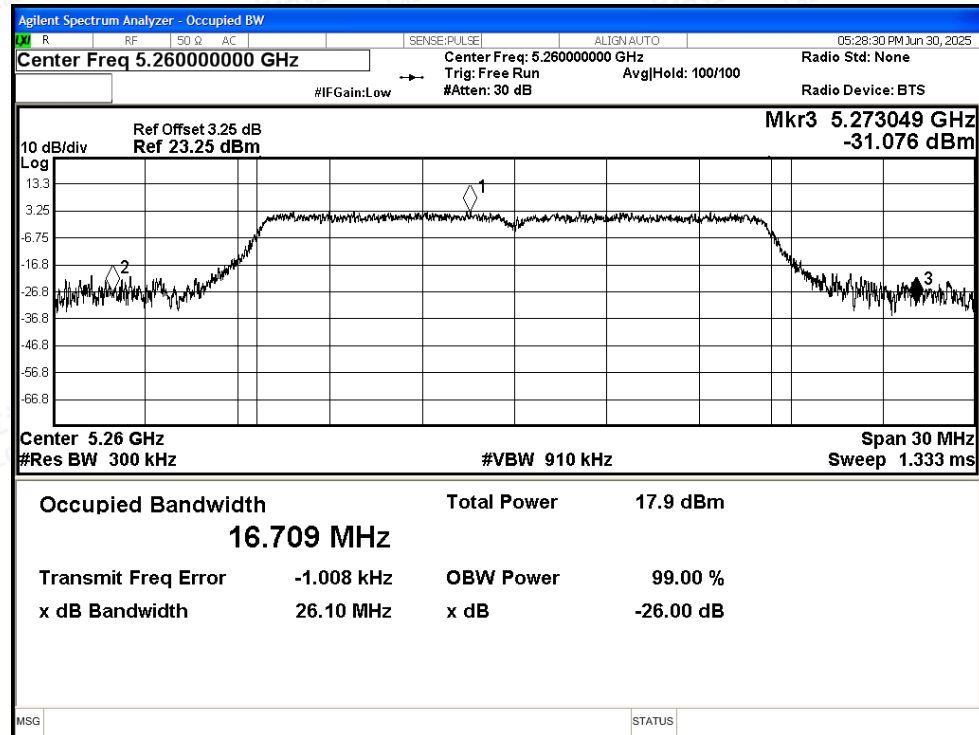
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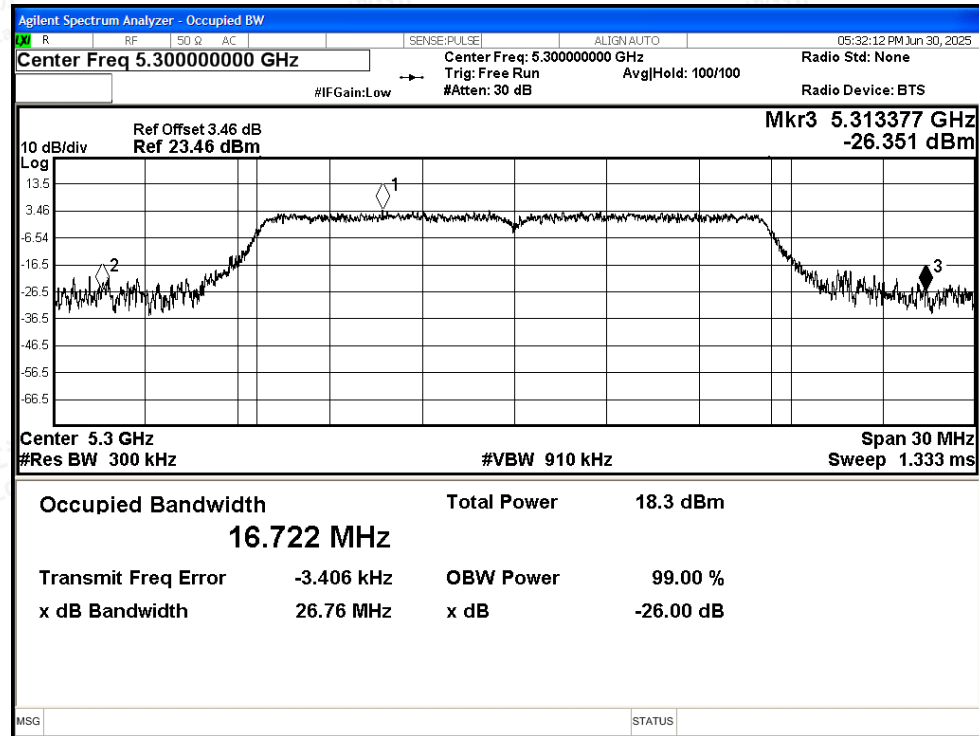


Test Graphs

-26dB Bandwidth NVNT a 5260MHz An4



-26dB Bandwidth NVNT a 5300MHz An4



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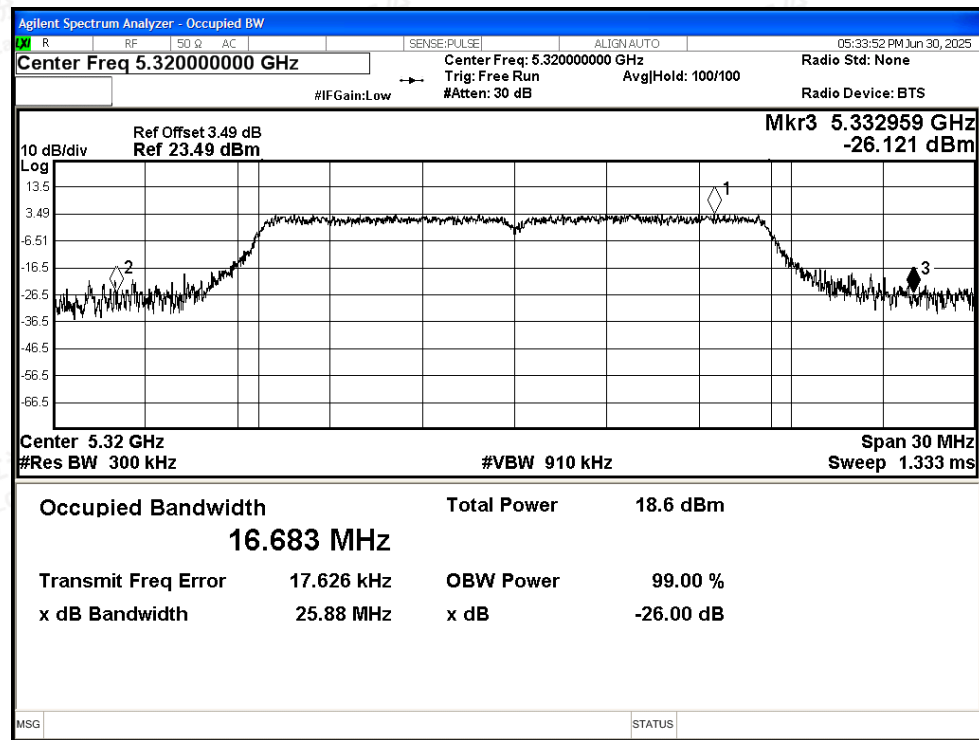
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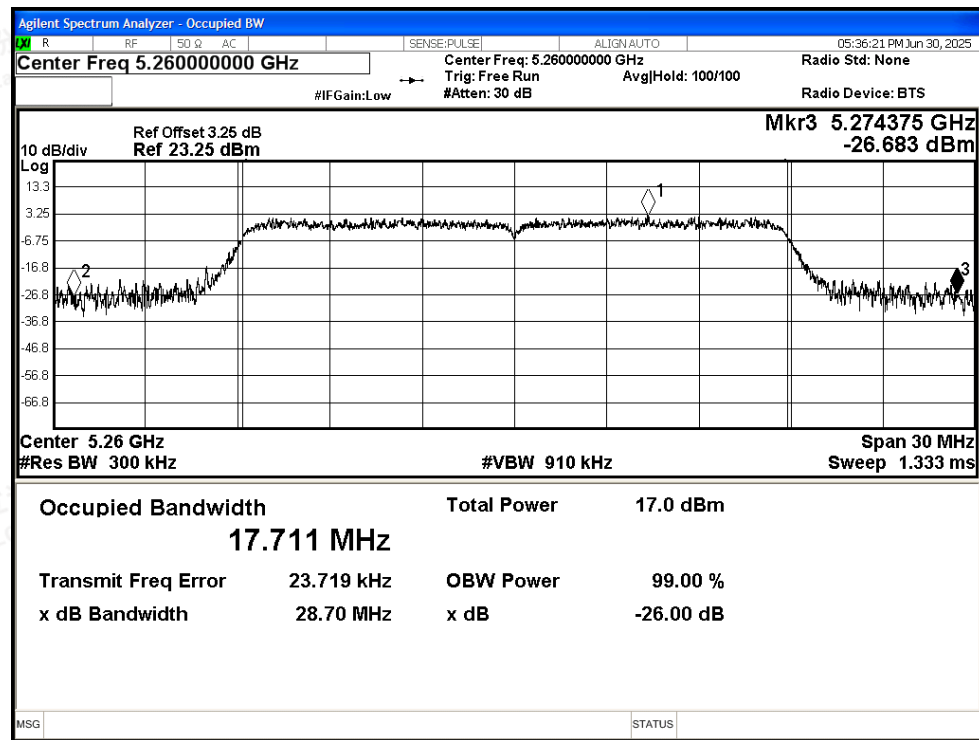
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-26dB Bandwidth NVNT a 5320MHz An4



-26dB Bandwidth NVNT n20 5260MHz An4

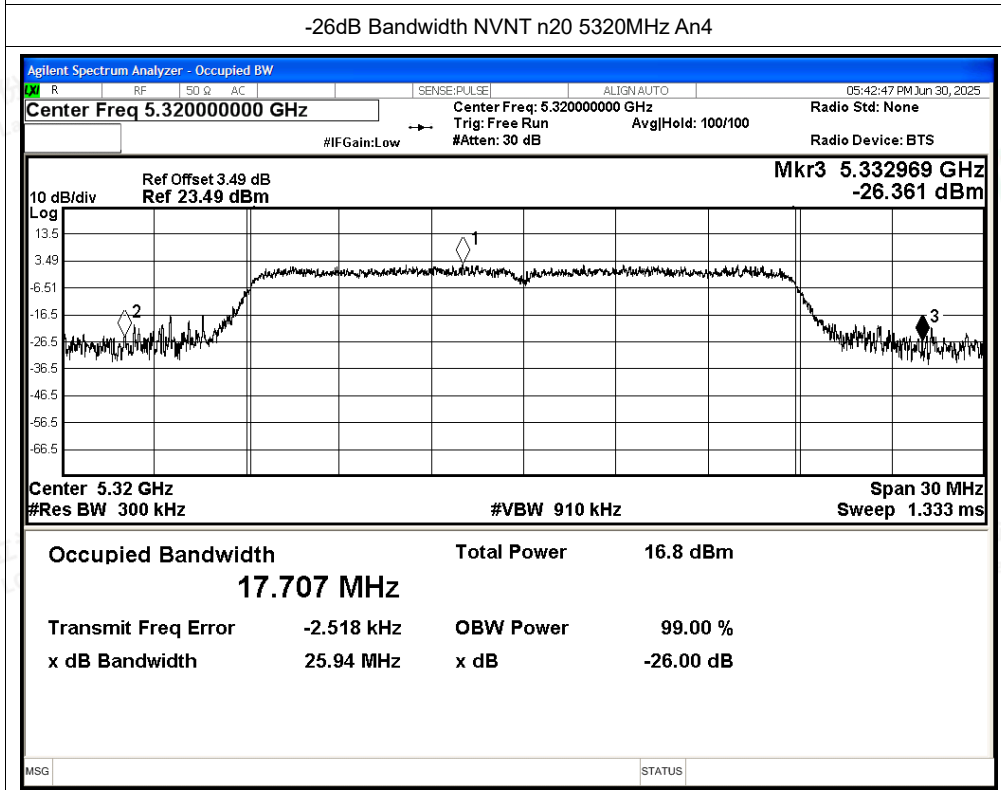
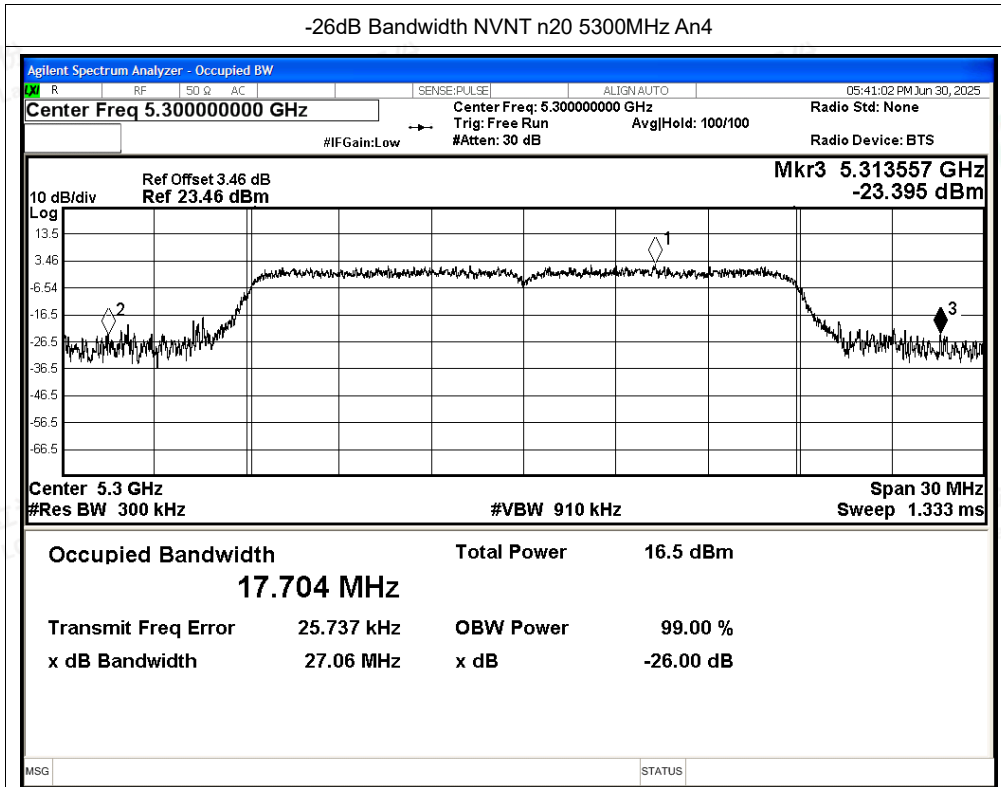


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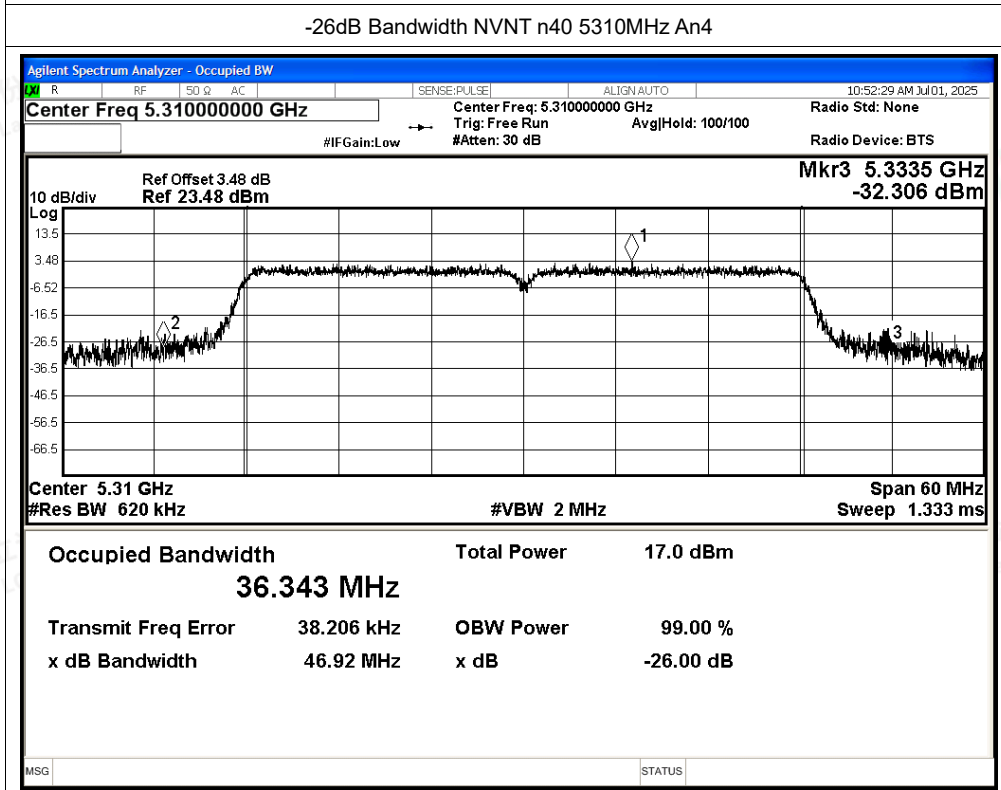
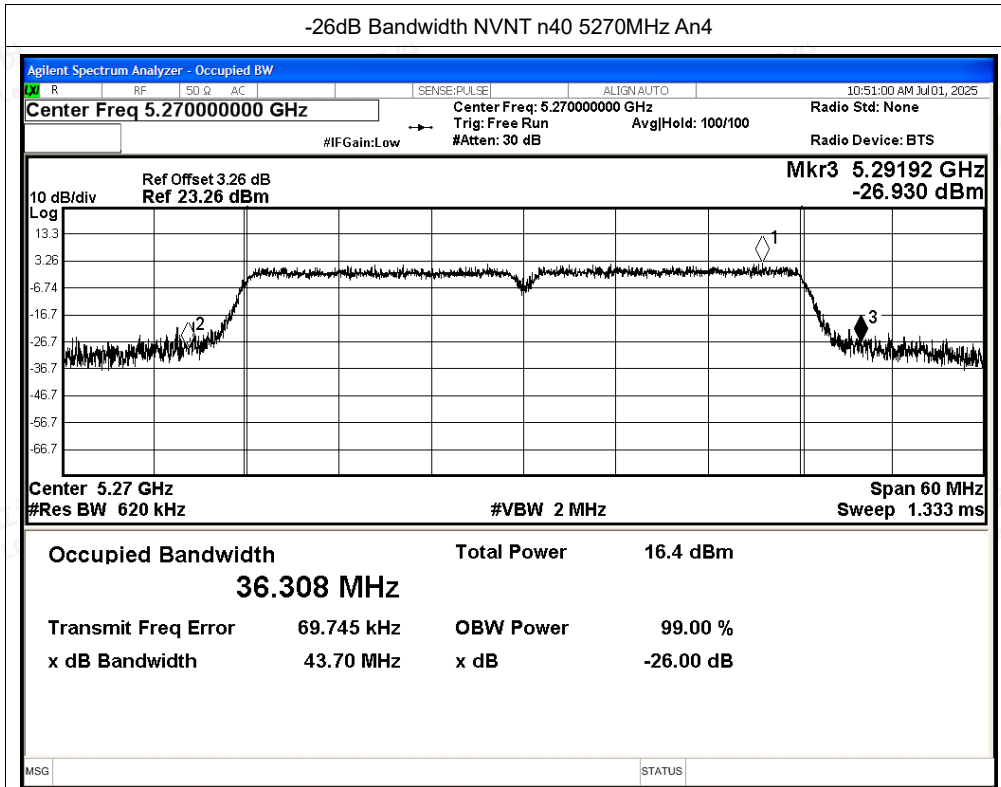


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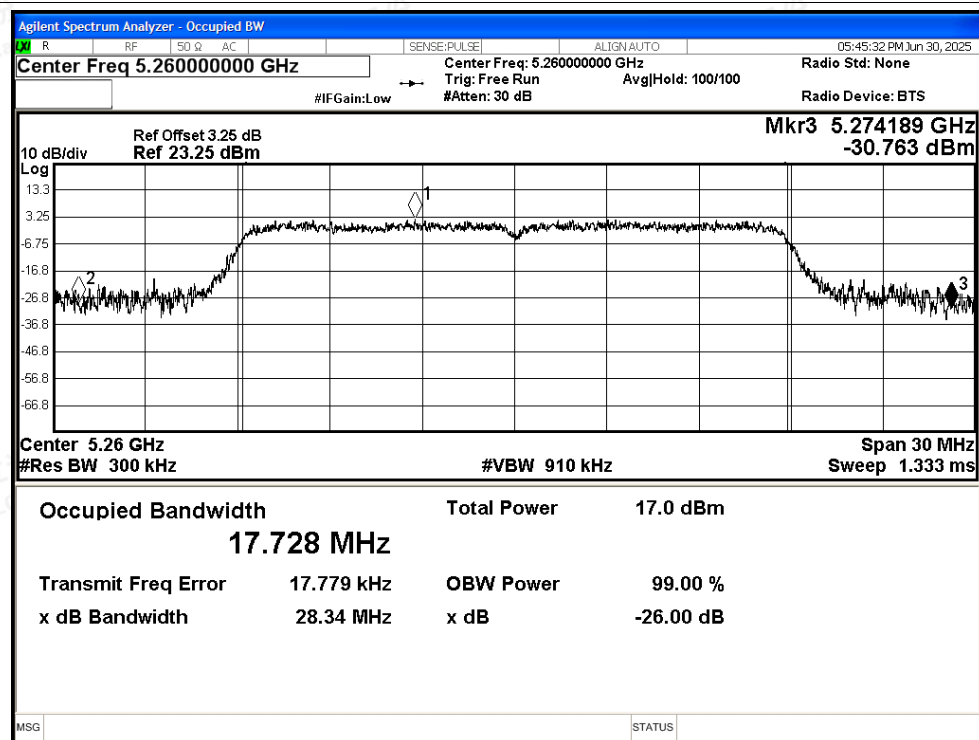
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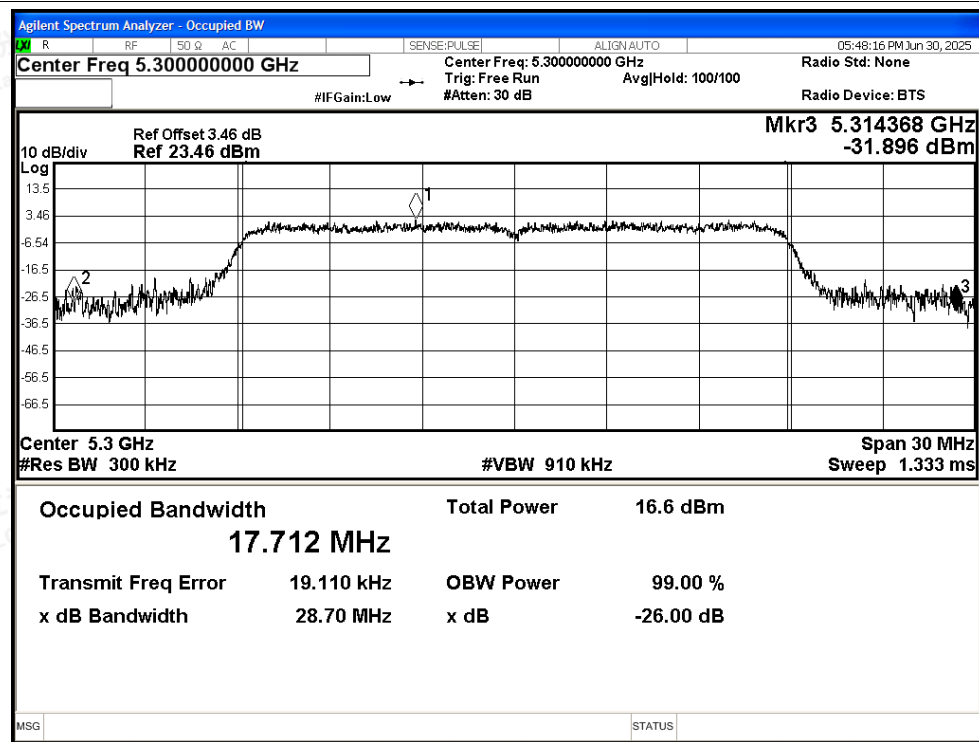
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-26dB Bandwidth NVNT ac20 5260MHz An4



-26dB Bandwidth NVNT ac20 5300MHz An4



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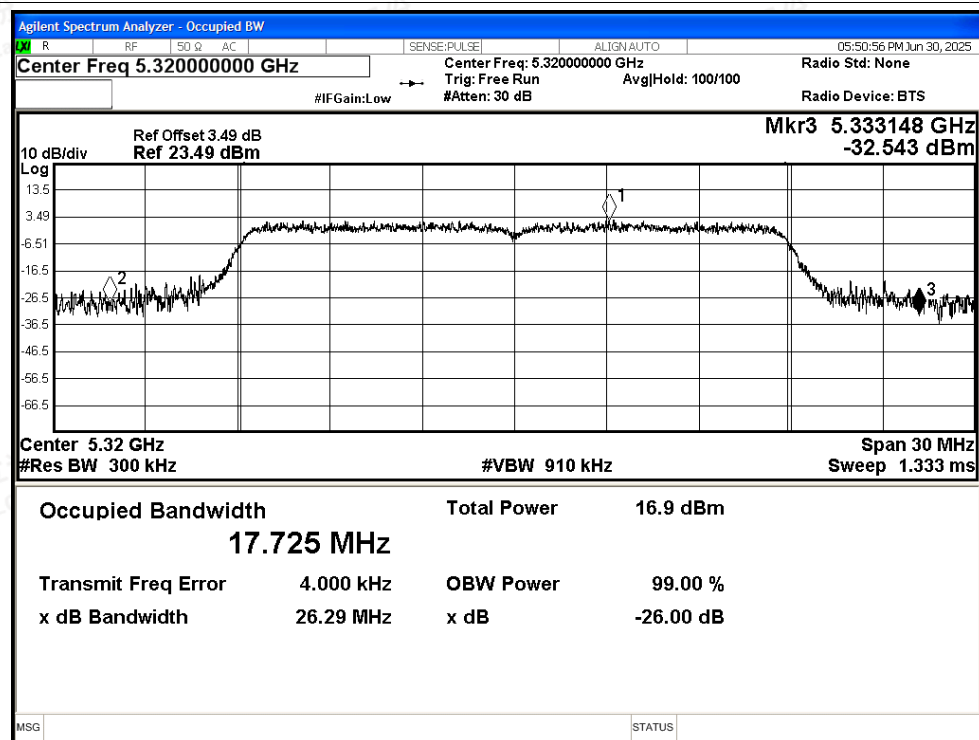
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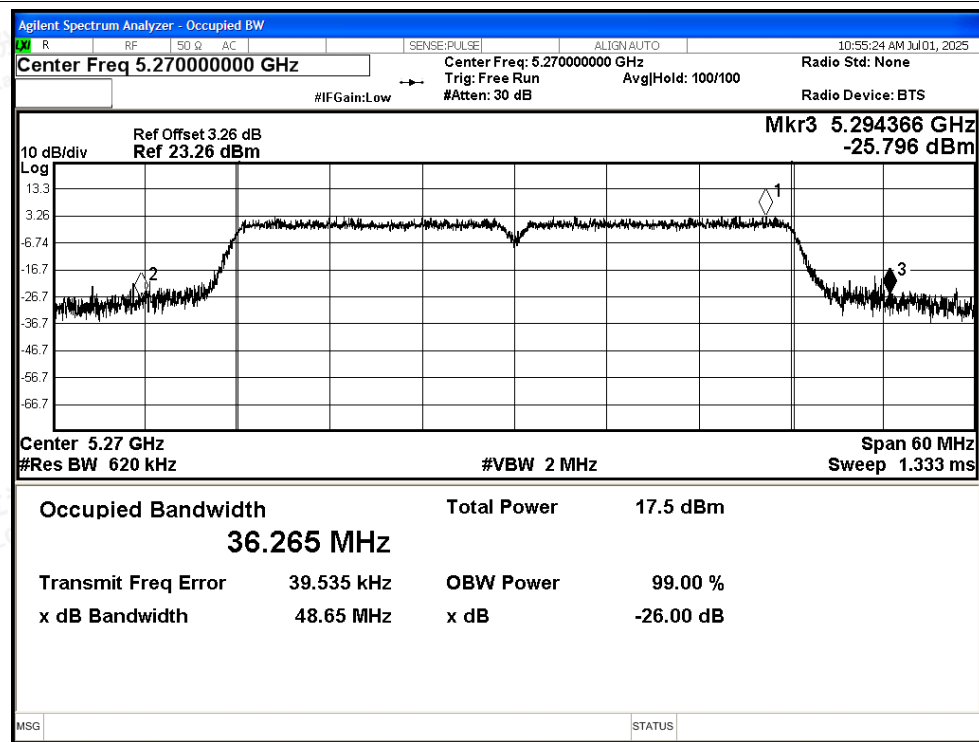
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-26dB Bandwidth NVNT ac20 5320MHz An4



-26dB Bandwidth NVNT ac40 5270MHz An4



Shenzhen LCS Compliance Testing Laboratory Ltd.

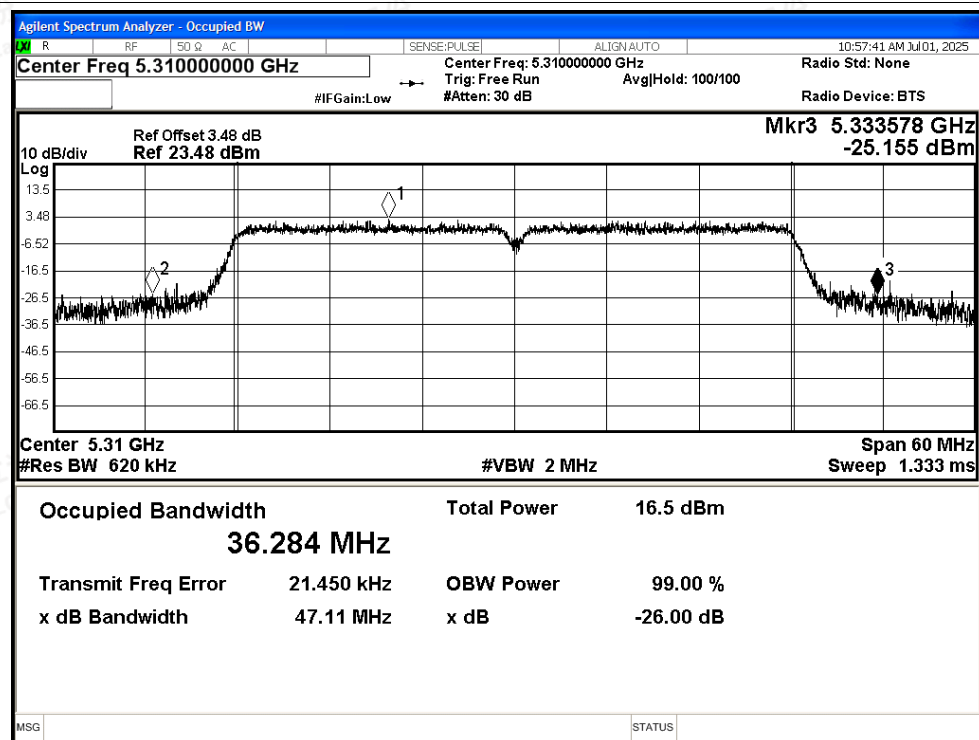
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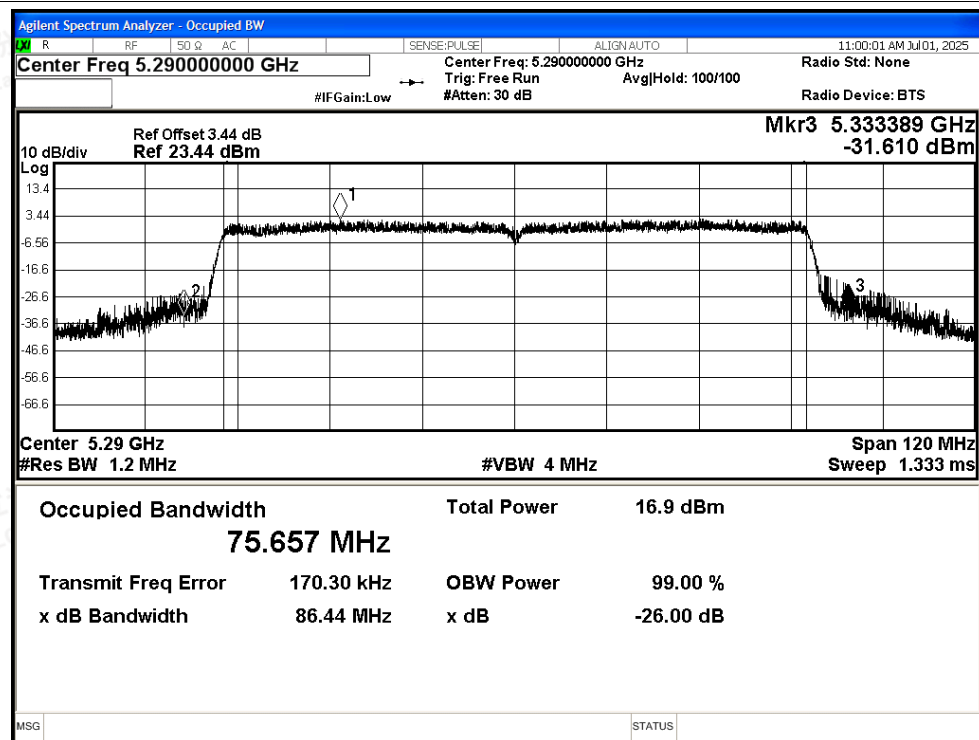
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-26dB Bandwidth NVNT ac40 5310MHz An4



-26dB Bandwidth NVNT ac80 5290MHz An4



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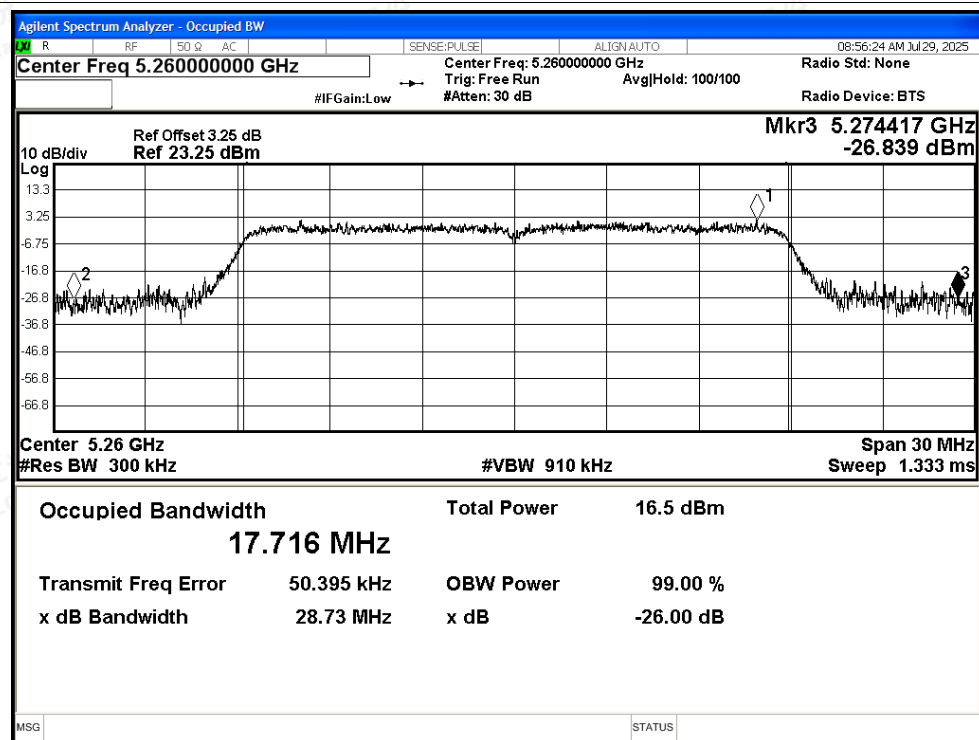
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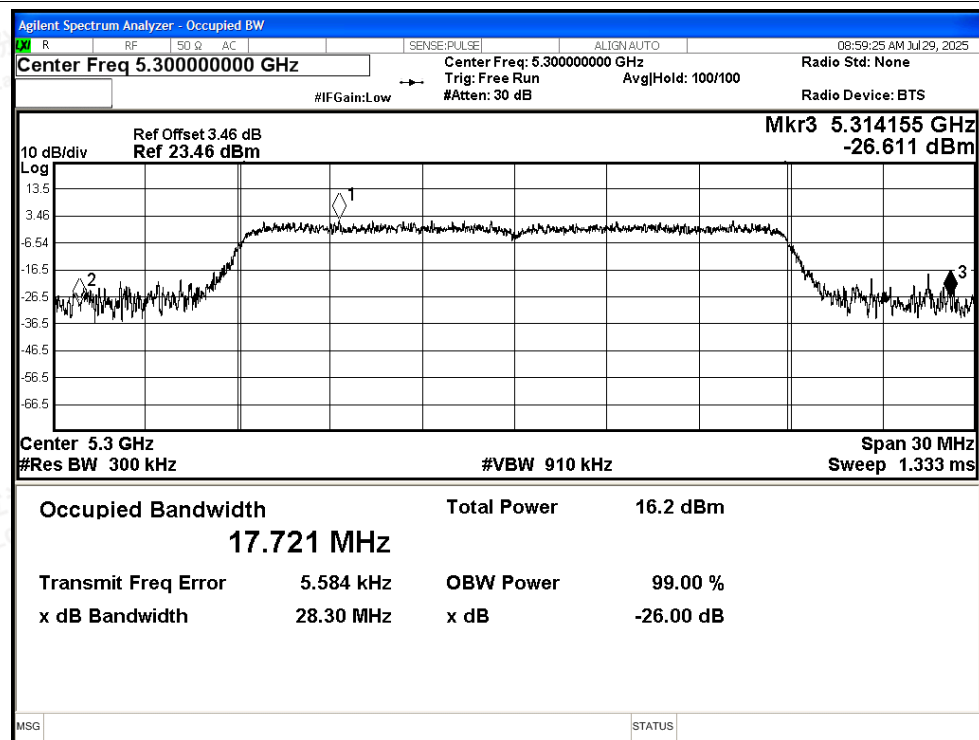
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-26dB Bandwidth NVNT ax20 5260MHz An4



-26dB Bandwidth NVNT ax20 5300MHz An4



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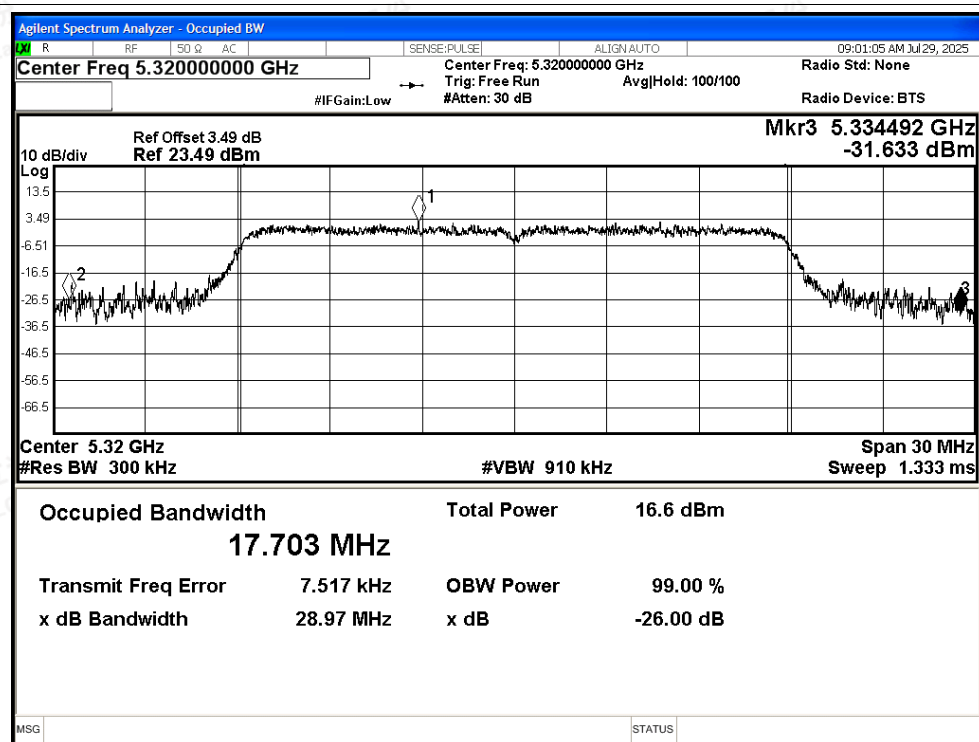
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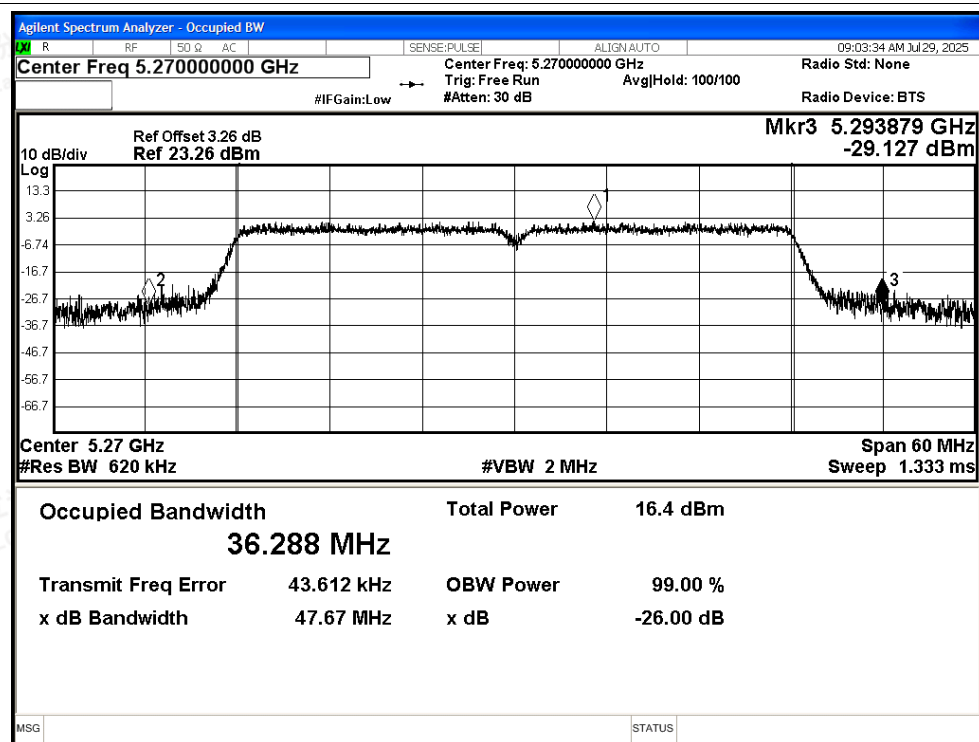
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-26dB Bandwidth NVNT ax20 5320MHz An4



-26dB Bandwidth NVNT ax40 5270MHz An4



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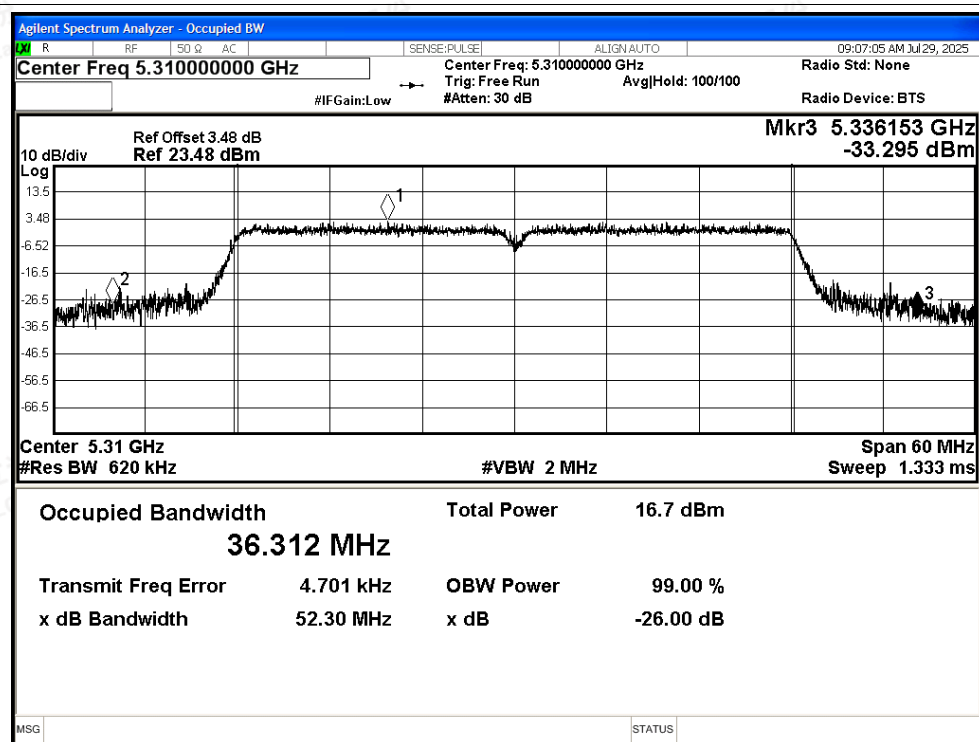
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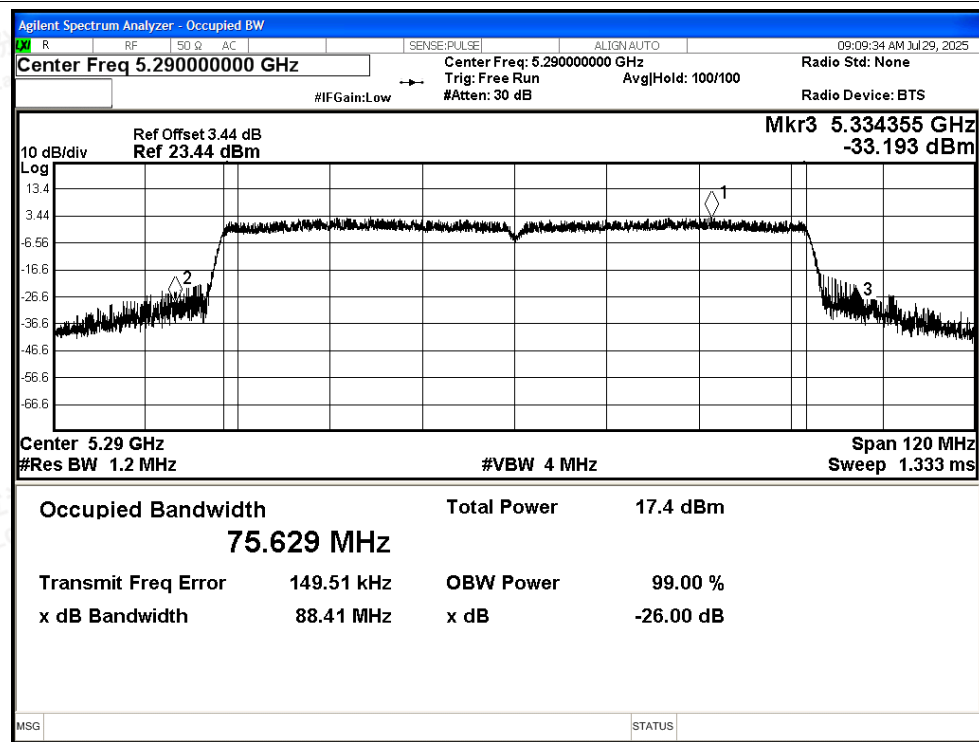
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-26dB Bandwidth NVNT ax40 5310MHz An4



-26dB Bandwidth NVNT ax80 5290MHz An4



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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	An1	12.68	0.24	12.92	24	Pass
NVNT	a	5300	An1	12.99	0.24	13.23	24	Pass
NVNT	a	5320	An1	12.82	0.24	13.06	24	Pass
NVNT	n20	5260	An1	11.13	0.12	11.25	24	Pass
NVNT	n20	5300	An1	11.48	0.12	11.6	24	Pass
NVNT	n20	5320	An1	11.27	0.12	11.39	24	Pass
NVNT	n40	5270	An1	10.47	0.24	10.71	24	Pass
NVNT	n40	5310	An1	11.13	0.24	11.37	24	Pass
NVNT	ac20	5260	An1	11.18	0.12	11.3	24	Pass
NVNT	ac20	5300	An1	11.51	0.12	11.63	24	Pass
NVNT	ac20	5320	An1	11.37	0.12	11.49	24	Pass
NVNT	ac40	5270	An1	10.42	0.24	10.66	24	Pass
NVNT	ac40	5310	An1	11.18	0.24	11.42	24	Pass
NVNT	ac80	5290	An1	10.9	0.47	11.37	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	An2	12.46	0.24	12.7	24	Pass
NVNT	a	5300	An2	12.5	0.24	12.74	24	Pass
NVNT	a	5320	An2	12.66	0.24	12.9	24	Pass
NVNT	n20	5260	An2	11.75	0.12	11.87	24	Pass
NVNT	n20	5300	An2	10.98	0.12	11.1	24	Pass
NVNT	n20	5320	An2	11.23	0.12	11.35	24	Pass
NVNT	n40	5270	An2	10.28	0.24	10.52	24	Pass
NVNT	n40	5310	An2	10.88	0.23	11.11	24	Pass
NVNT	ac20	5260	An2	11.7	0.12	11.82	24	Pass
NVNT	ac20	5300	An2	10.98	0.12	11.1	24	Pass
NVNT	ac20	5320	An2	11.31	0.12	11.43	24	Pass
NVNT	ac40	5270	An2	10.37	0.24	10.61	24	Pass
NVNT	ac40	5310	An2	10.88	0.24	11.12	24	Pass
NVNT	ac80	5290	An2	10.69	0.47	11.16	24	Pass



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Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			An1	An2	An1+An2		
NVNT	n20	5260	11.25	11.87	14.58	24	Pass
NVNT	n20	5300	11.6	11.1	14.37	24	Pass
NVNT	n20	5320	11.39	11.35	14.38	24	Pass
NVNT	n40	5270	10.71	10.52	13.63	24	Pass
NVNT	n40	5310	11.37	11.11	14.25	24	Pass
NVNT	ac20	5260	11.3	11.82	14.58	24	Pass
NVNT	ac20	5300	11.63	11.1	14.38	24	Pass
NVNT	ac20	5320	11.49	11.43	14.47	24	Pass
NVNT	ac40	5270	10.66	10.61	13.65	24	Pass
NVNT	ac40	5310	11.42	11.12	14.28	24	Pass
NVNT	ac80	5290	11.37	11.16	14.28	24	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	An3	12.32	0.24	12.56	24	Pass
NVNT	a	5300	An3	12.38	0.24	12.62	24	Pass
NVNT	a	5320	An3	12.43	0.24	12.67	24	Pass
NVNT	n20	5260	An3	11.77	0.12	11.89	24	Pass
NVNT	n20	5300	An3	11.11	0.12	11.23	24	Pass
NVNT	n20	5320	An3	10.87	0.12	10.99	24	Pass
NVNT	n40	5270	An3	10.79	0.24	11.03	24	Pass
NVNT	n40	5310	An3	10.33	0.24	10.57	24	Pass
NVNT	ac20	5260	An3	11.69	0.12	11.81	24	Pass
NVNT	ac20	5300	An3	11.14	0.12	11.26	24	Pass
NVNT	ac20	5320	An3	11.13	0.12	11.25	24	Pass
NVNT	ac40	5270	An3	10.85	0.24	11.09	24	Pass
NVNT	ac40	5310	An3	10.38	0.24	10.62	24	Pass
NVNT	ac80	5290	An3	10.25	0.47	10.72	24	Pass
NVNT	ax20	5260	An3	11.19	0.12	11.31	24	Pass
NVNT	ax20	5300	An3	11.05	0.12	11.17	24	Pass
NVNT	ax20	5320	An3	11.16	0.12	11.28	24	Pass
NVNT	ax40	5270	An3	10.74	0.24	10.98	24	Pass
NVNT	ax40	5310	An3	10.33	0.24	10.57	24	Pass
NVNT	ax80	5290	An3	10.25	0.47	10.72	24	Pass



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Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	An4	12.24	0.24	12.48	24	Pass
NVNT	a	5300	An4	12.52	0.24	12.76	24	Pass
NVNT	a	5320	An4	12.87	0.24	13.11	24	Pass
NVNT	n20	5260	An4	11.49	0.12	11.61	24	Pass
NVNT	n20	5300	An4	10.99	0.12	11.11	24	Pass
NVNT	n20	5320	An4	11.36	0.12	11.48	24	Pass
NVNT	n40	5270	An4	10.22	0.23	10.45	24	Pass
NVNT	n40	5310	An4	10.87	0.24	11.11	24	Pass
NVNT	ac20	5260	An4	11.49	0.12	11.61	24	Pass
NVNT	ac20	5300	An4	11.06	0.12	11.18	24	Pass
NVNT	ac20	5320	An4	11.44	0.12	11.56	24	Pass
NVNT	ac40	5270	An4	10.87	0.23	11.1	24	Pass
NVNT	ac40	5310	An4	10.37	0.24	10.61	24	Pass
NVNT	ac80	5290	An4	9.94	0.47	10.41	24	Pass
NVNT	ax20	5260	An4	11	0.12	11.12	24	Pass
NVNT	ax20	5300	An4	10.78	0.12	10.9	24	Pass
NVNT	ax20	5320	An4	11.18	0.12	11.3	24	Pass
NVNT	ax40	5270	An4	10.07	0.24	10.31	24	Pass
NVNT	ax40	5310	An4	10.66	0.24	10.9	24	Pass
NVNT	ax80	5290	An4	10.38	0.47	10.85	24	Pass



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Condition	Mode	Frequency (MHz)	Total Power (dBm)			Limit (dBm)	Verdict
			An3	An4	An3+An4		
NVNT	n20	5260	11.89	11.61	14.76	24	Pass
NVNT	n20	5300	11.23	11.11	14.18	24	Pass
NVNT	n20	5320	10.99	11.48	14.25	24	Pass
NVNT	n40	5270	11.03	10.45	13.76	24	Pass
NVNT	n40	5310	10.57	11.11	13.86	24	Pass
NVNT	ac20	5260	11.81	11.61	14.72	24	Pass
NVNT	ac20	5300	11.26	11.18	14.23	24	Pass
NVNT	ac20	5320	11.25	11.56	14.42	24	Pass
NVNT	ac40	5270	11.09	11.1	14.11	24	Pass
NVNT	ac40	5310	10.62	10.61	13.63	24	Pass
NVNT	ac80	5290	10.72	10.41	13.58	24	Pass
NVNT	ax20	5260	11.31	11.12	14.23	24	Pass
NVNT	ax20	5300	11.17	10.9	14.05	24	Pass
NVNT	ax20	5320	11.28	11.3	14.30	24	Pass
NVNT	ax40	5270	10.98	10.31	13.67	24	Pass
NVNT	ax40	5310	10.57	10.9	13.75	24	Pass
NVNT	ax80	5290	10.72	10.85	13.80	24	Pass



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E.3 Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	An1	2.14	0.24	2.38	11	Pass
NVNT	a	5300	An1	2.71	0.24	2.95	11	Pass
NVNT	a	5320	An1	2.27	0.24	2.51	11	Pass
NVNT	n20	5260	An1	0.6	0.12	0.72	11	Pass
NVNT	n20	5300	An1	0.62	0.12	0.74	11	Pass
NVNT	n20	5320	An1	0.38	0.12	0.5	11	Pass
NVNT	n40	5270	An1	-3.31	0.24	-3.07	11	Pass
NVNT	n40	5310	An1	-2.32	0.24	-2.08	11	Pass
NVNT	ac20	5260	An1	0.41	0.12	0.53	11	Pass
NVNT	ac20	5300	An1	0.59	0.12	0.71	11	Pass
NVNT	ac20	5320	An1	0.7	0.12	0.82	11	Pass
NVNT	ac40	5270	An1	-3.24	0.24	-3	11	Pass
NVNT	ac40	5310	An1	-2.92	0.24	-2.68	11	Pass
NVNT	ac80	5290	An1	-6.07	0.47	-5.6	11	Pass

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	An2	1.97	0.24	2.21	11	Pass
NVNT	a	5300	An2	1.75	0.24	1.99	11	Pass
NVNT	a	5320	An2	2.23	0.24	2.47	11	Pass
NVNT	n20	5260	An2	1.01	0.12	1.13	11	Pass
NVNT	n20	5300	An2	0.47	0.12	0.59	11	Pass
NVNT	n20	5320	An2	0.58	0.12	0.7	11	Pass
NVNT	n40	5270	An2	-3.75	0.24	-3.51	11	Pass
NVNT	n40	5310	An2	-3.02	0.23	-2.79	11	Pass
NVNT	ac20	5260	An2	1.16	0.12	1.28	11	Pass
NVNT	ac20	5300	An2	0.31	0.12	0.43	11	Pass
NVNT	ac20	5320	An2	0.39	0.12	0.51	11	Pass
NVNT	ac40	5270	An2	-3.55	0.24	-3.31	11	Pass
NVNT	ac40	5310	An2	-2.86	0.24	-2.62	11	Pass
NVNT	ac80	5290	An2	-5.76	0.47	-5.29	11	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			An1	An2	An1+An2		
NVNT	n20	5260	0.72	1.13	3.94	8.89	Pass
NVNT	n20	5300	0.74	0.59	3.68	8.89	Pass
NVNT	n20	5320	0.5	0.7	3.61	8.89	Pass
NVNT	n40	5270	-3.07	-3.51	-0.27	8.89	Pass
NVNT	n40	5310	-2.08	-2.79	0.59	8.89	Pass
NVNT	ac20	5260	0.53	1.28	3.93	8.89	Pass
NVNT	ac20	5300	0.71	0.43	3.58	8.89	Pass
NVNT	ac20	5320	0.82	0.51	3.68	8.89	Pass
NVNT	ac40	5270	-3	-3.31	-0.14	8.89	Pass
NVNT	ac40	5310	-2.68	-2.62	0.36	8.89	Pass
NVNT	ac80	5290	-5.6	-5.29	-2.43	8.89	Pass



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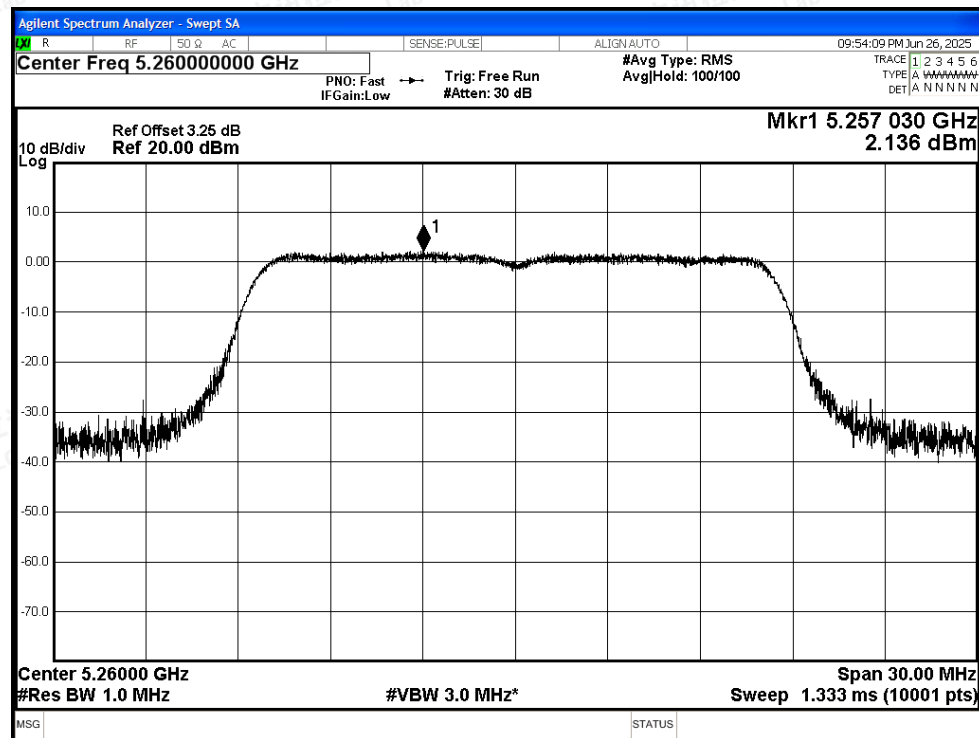
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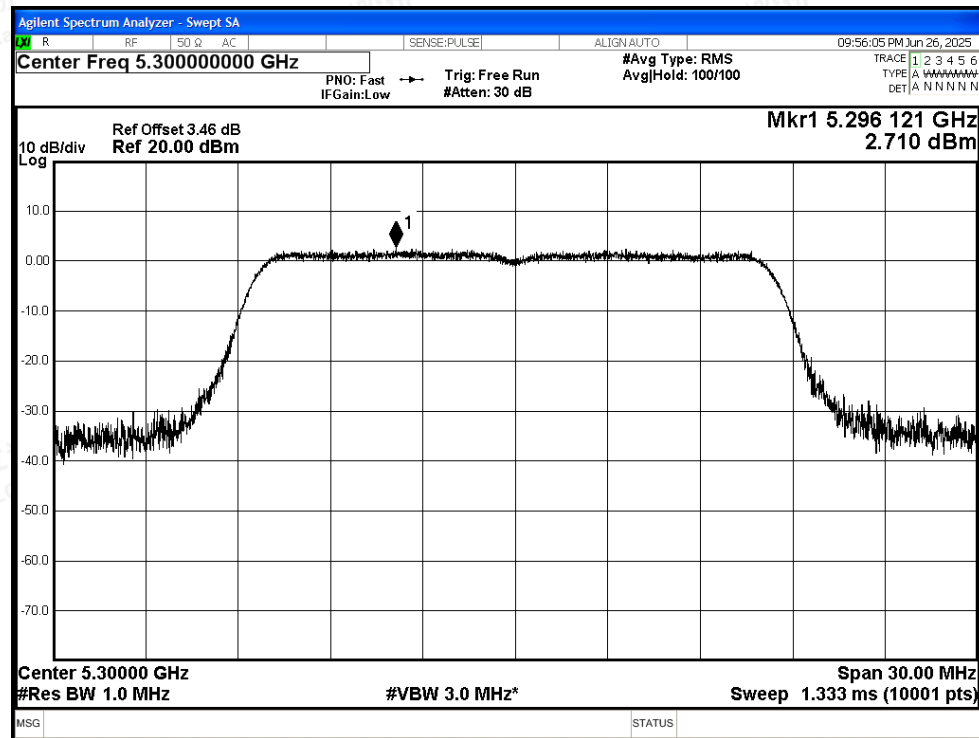


Test Graphs

PSD NVNT a 5260MHz An1



PSD NVNT a 5300MHz An1

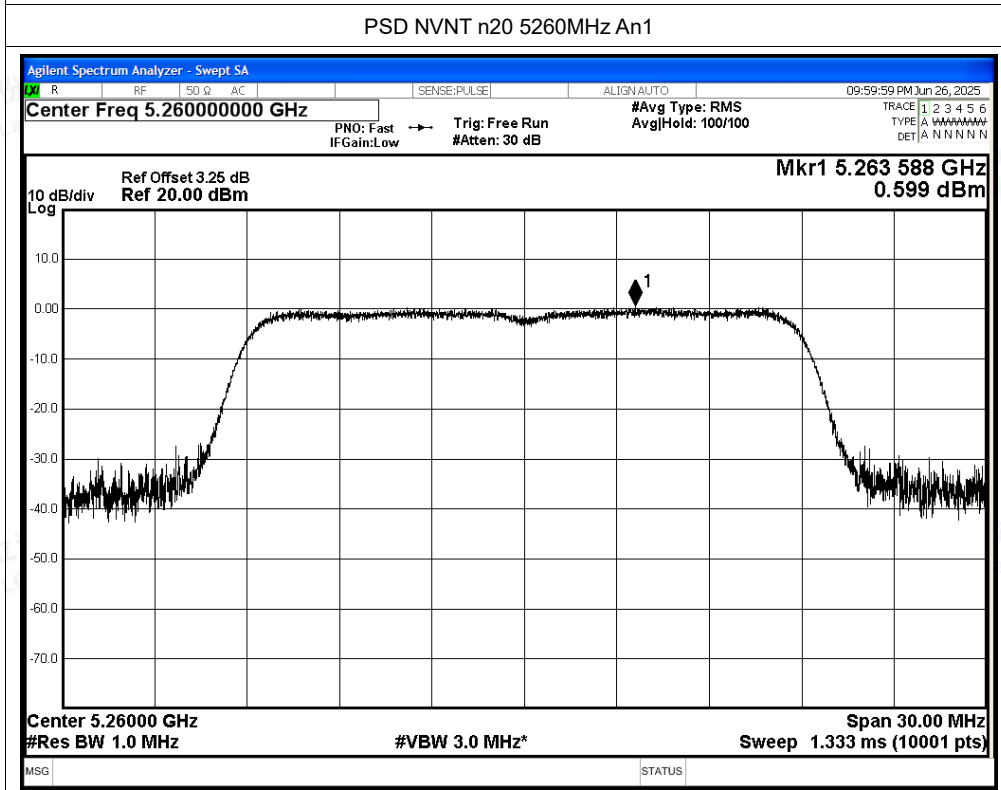
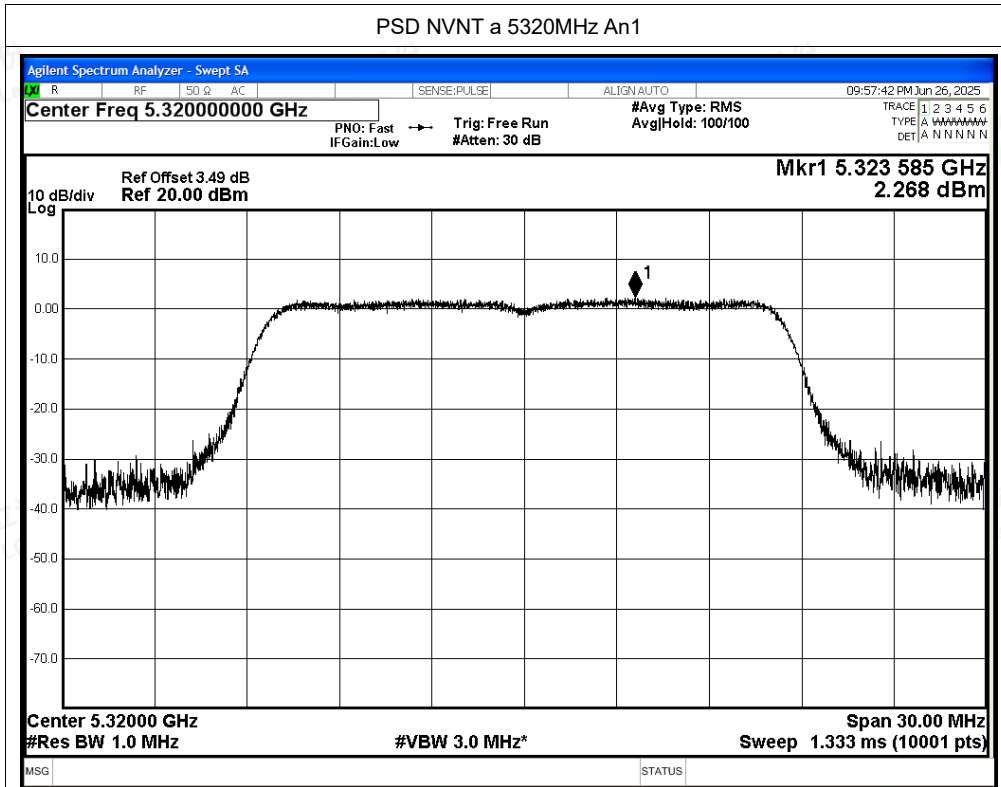


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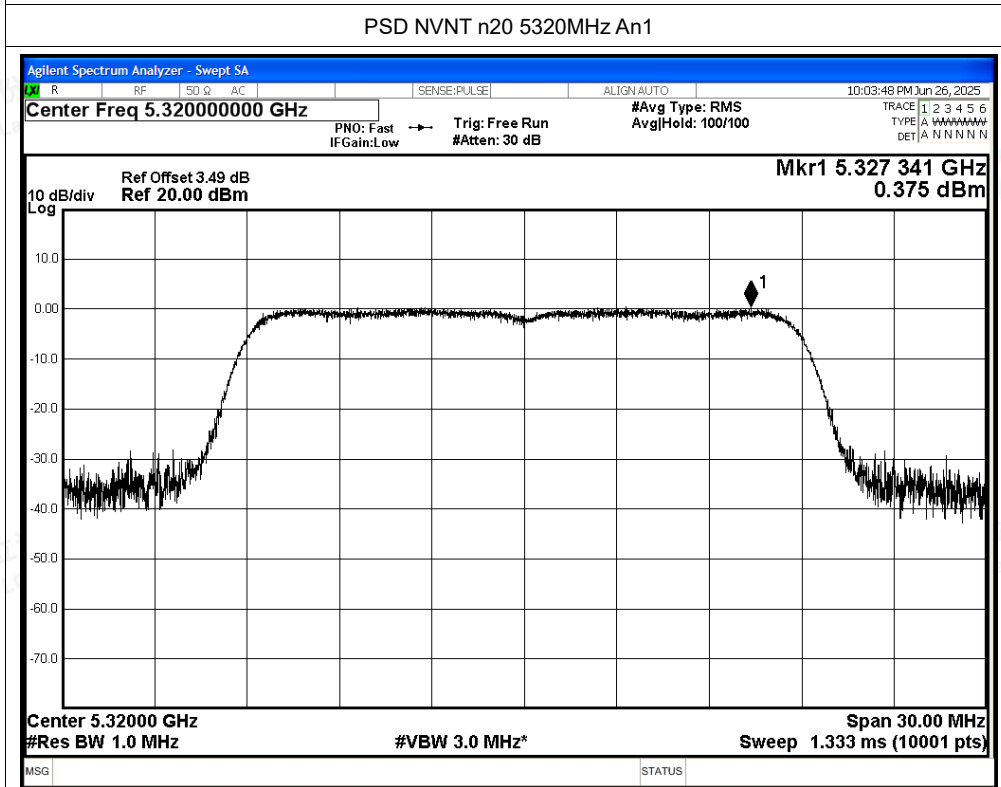
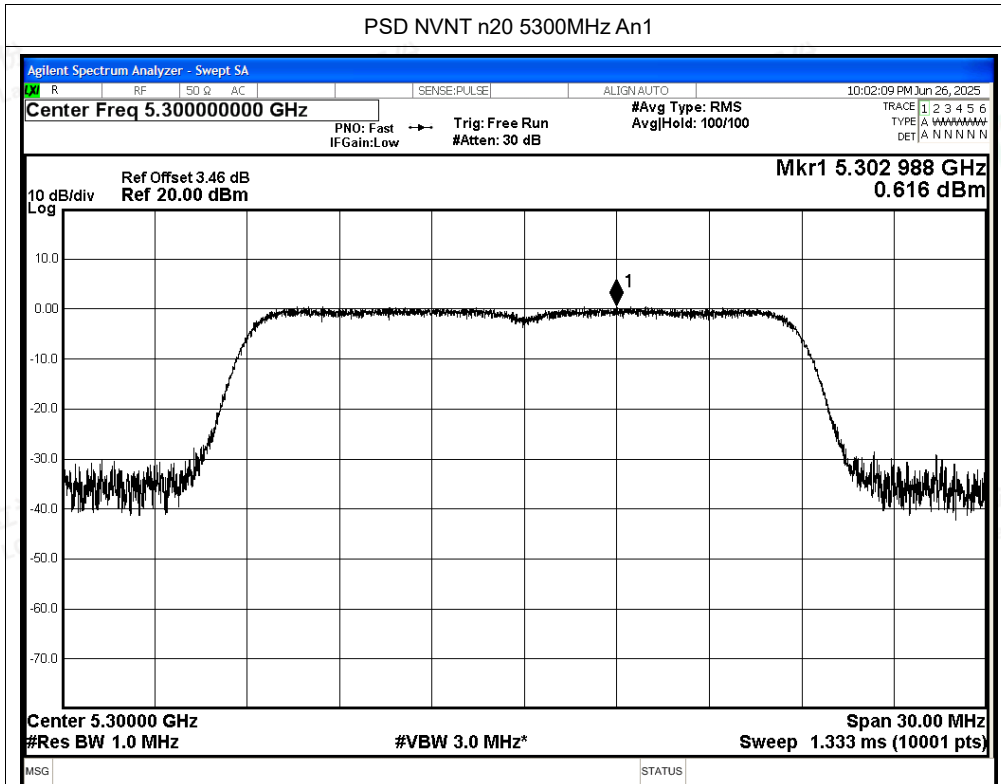


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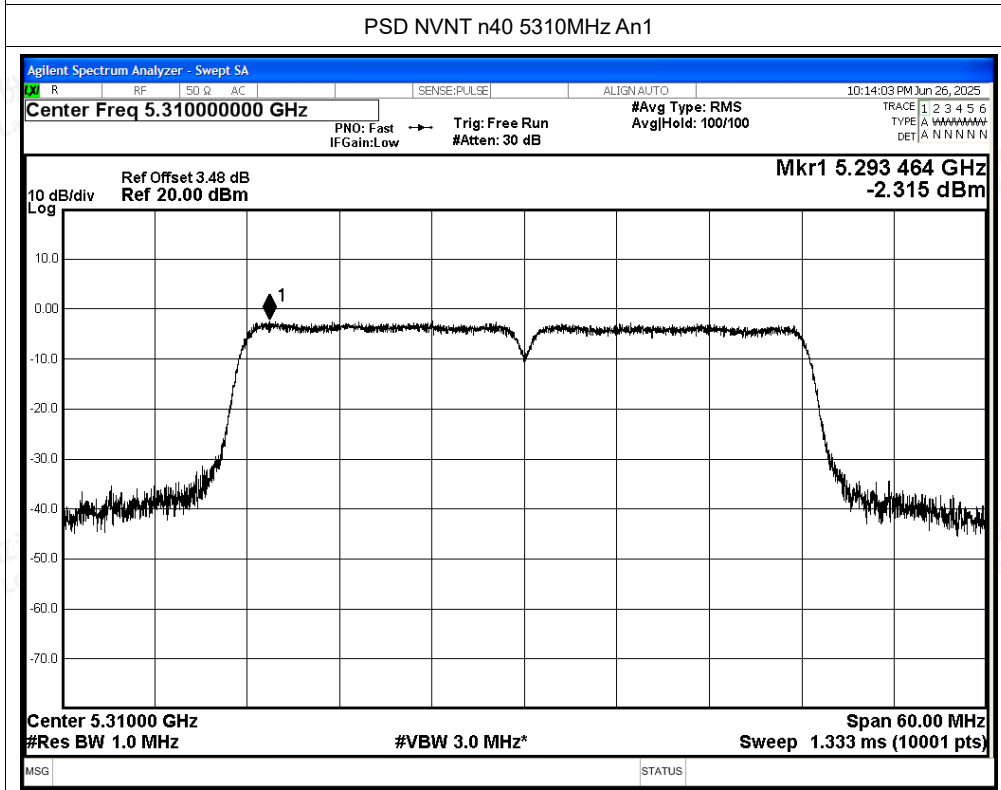
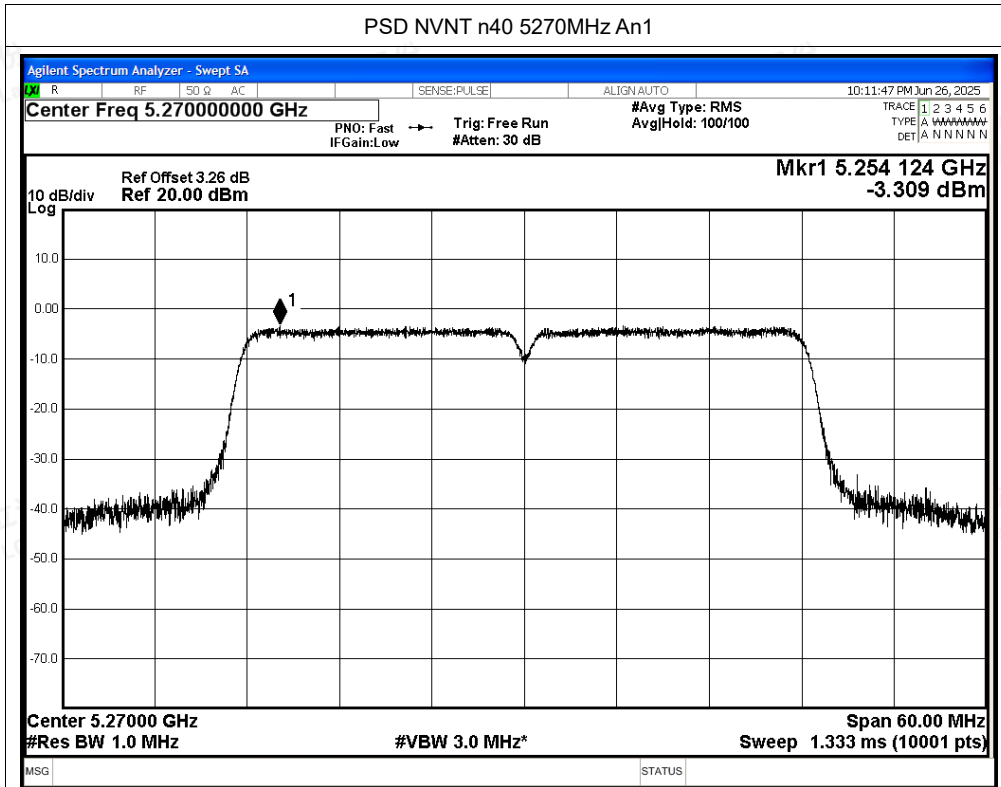


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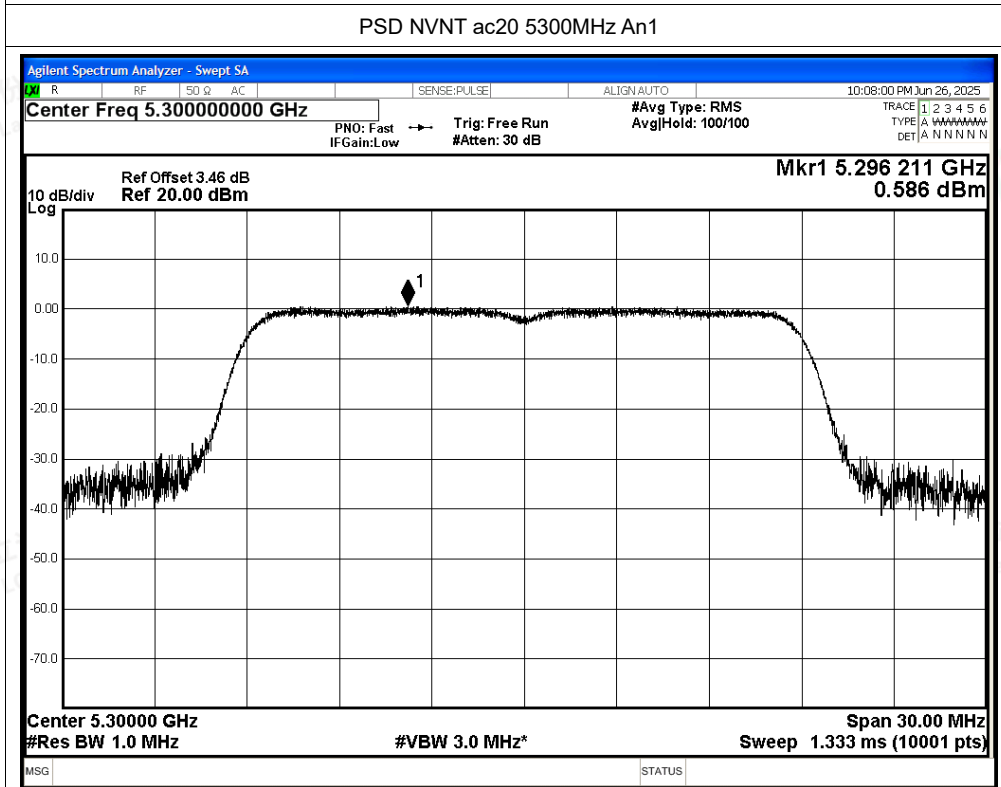
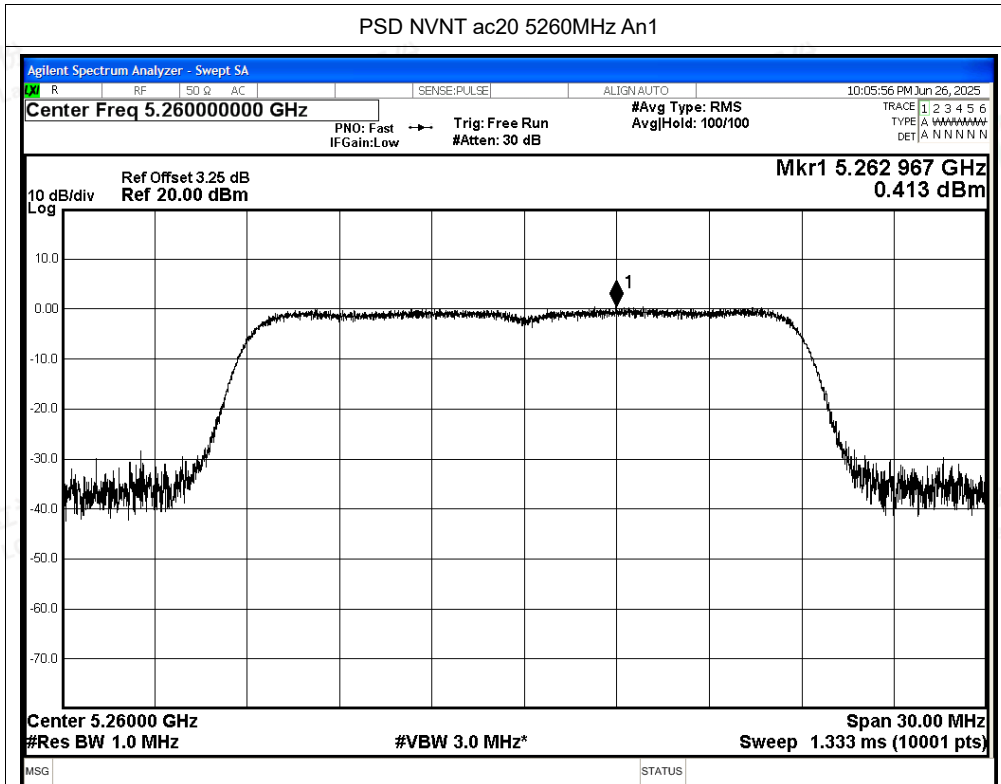


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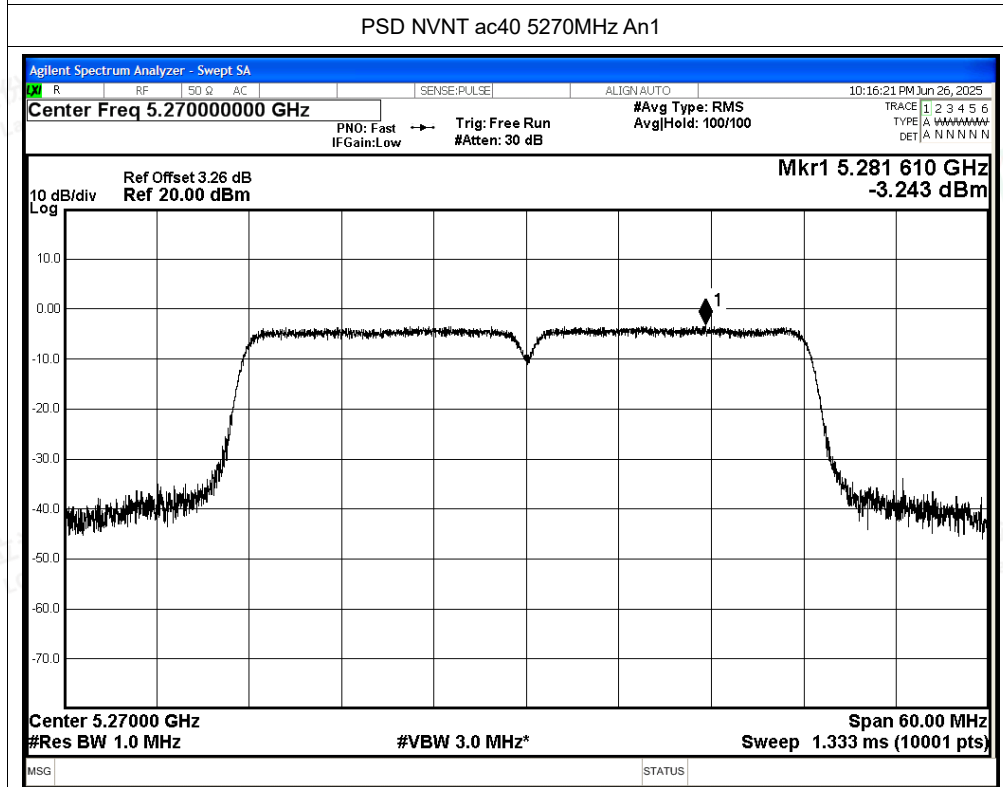
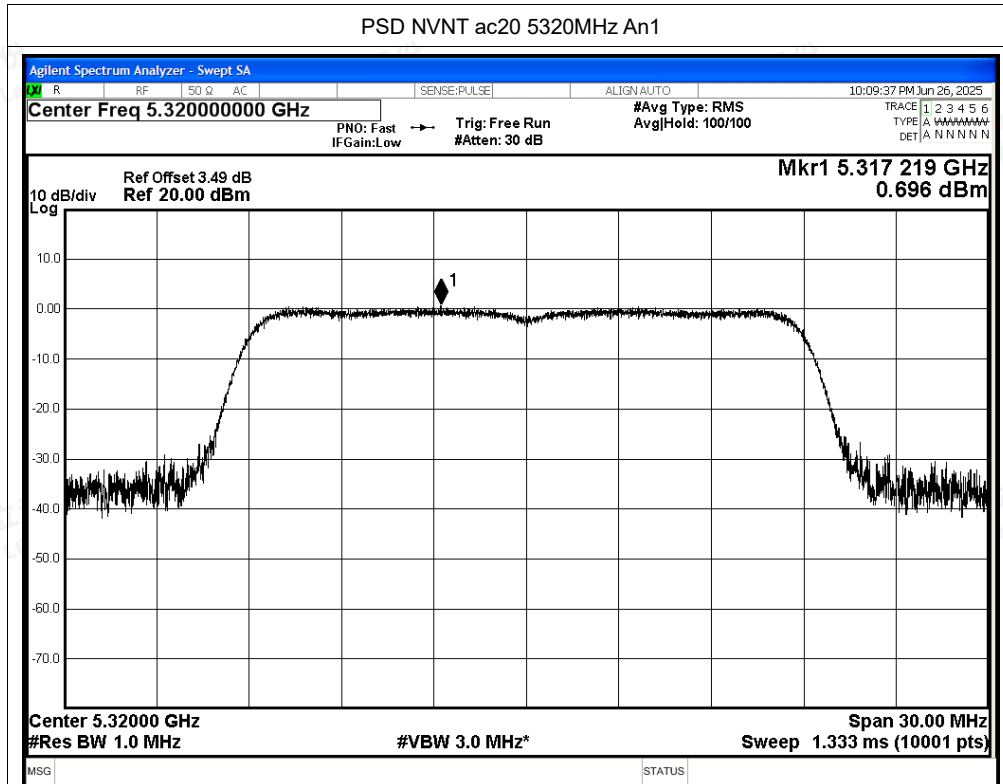


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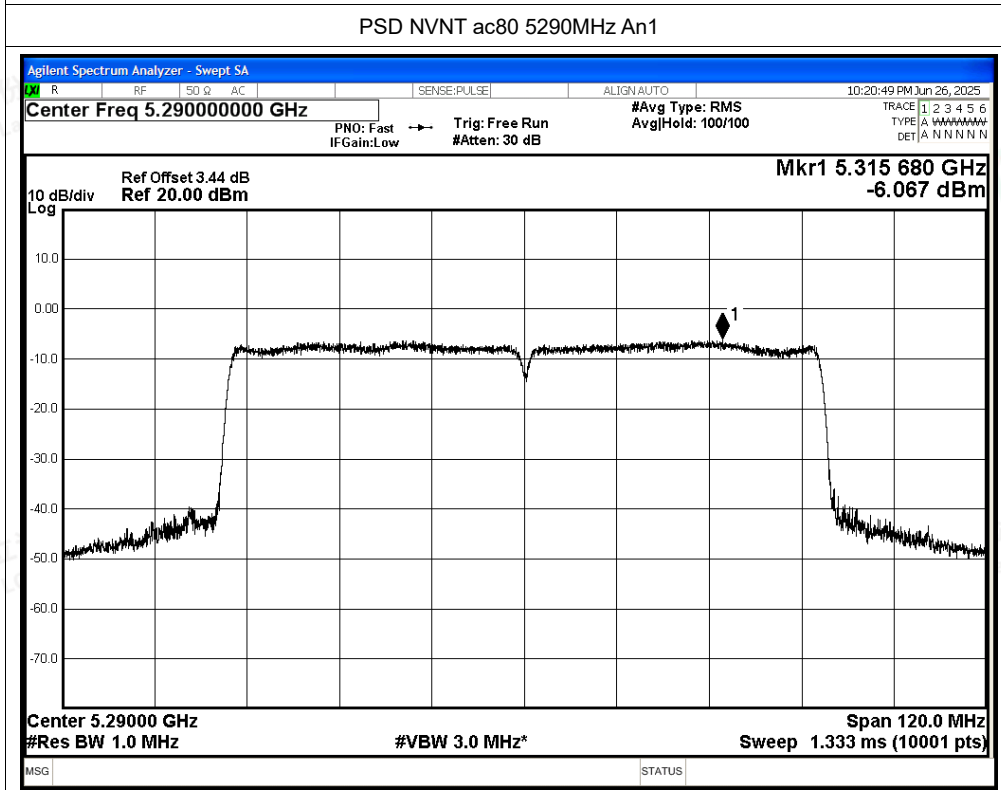
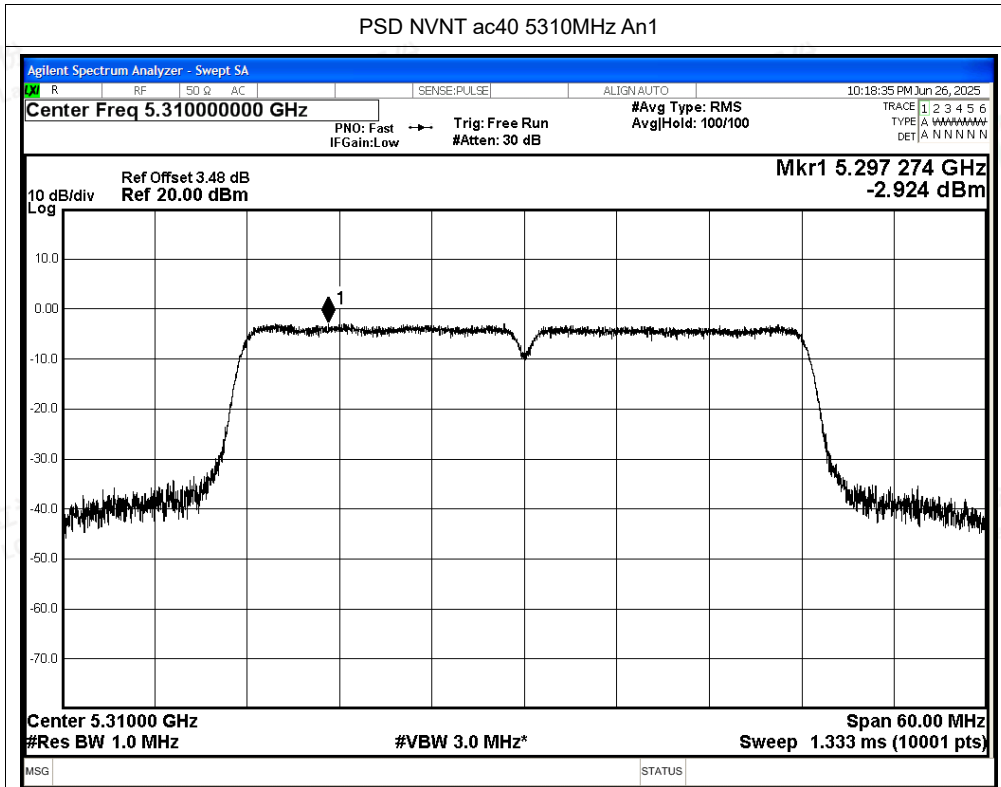


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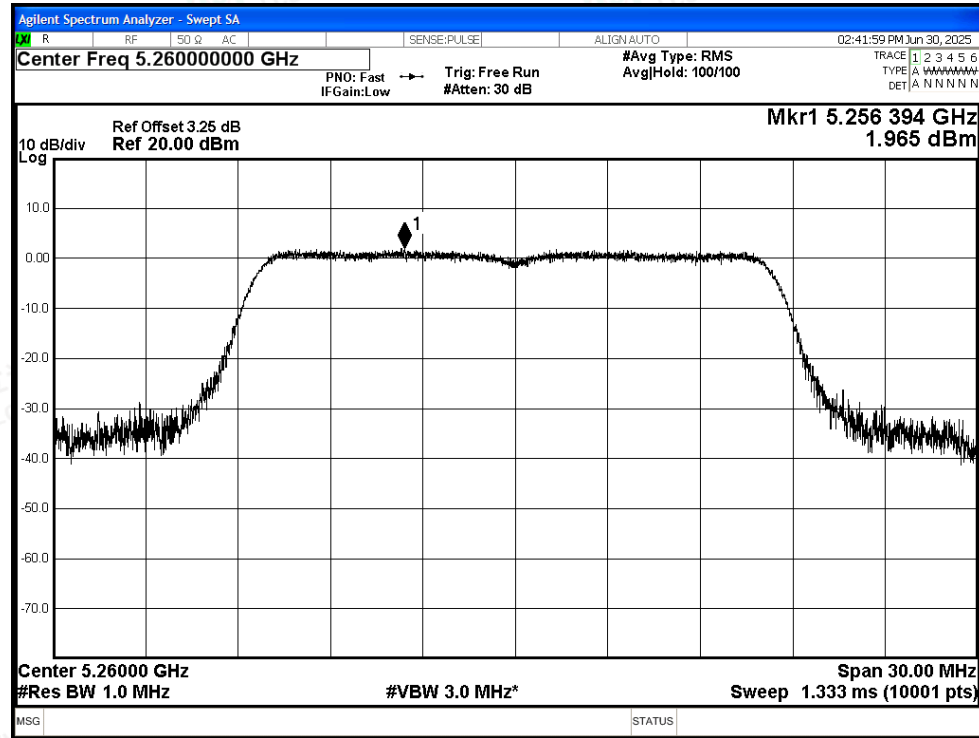
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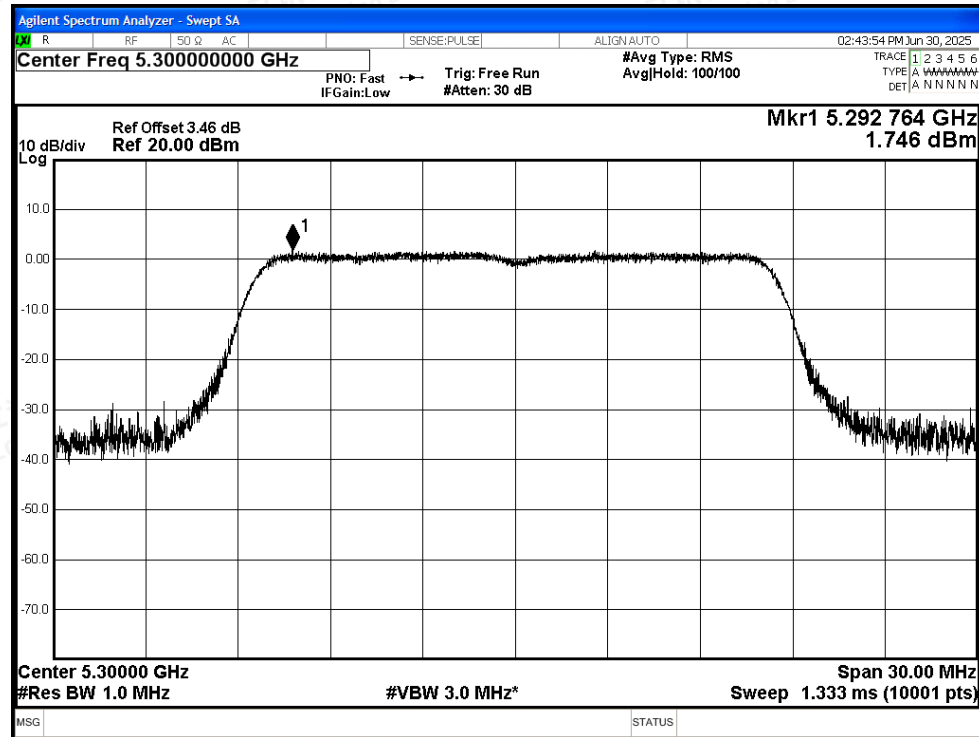


Test Graphs

PSD NVNT a 5260MHz An2



PSD NVNT a 5300MHz An2

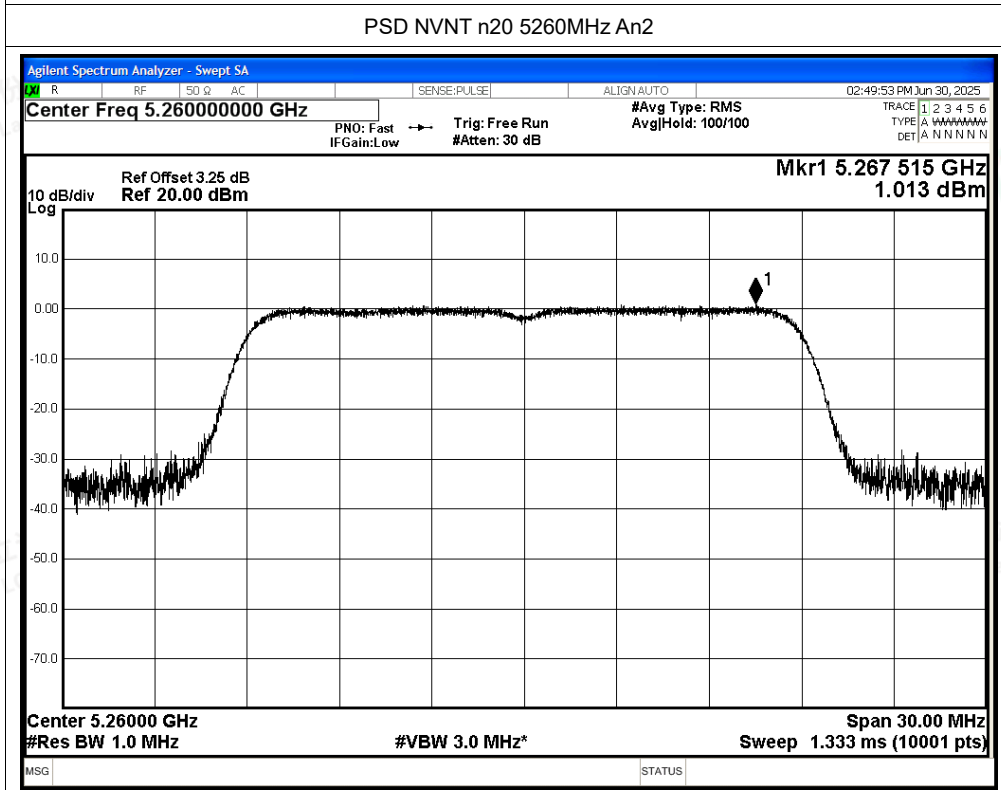
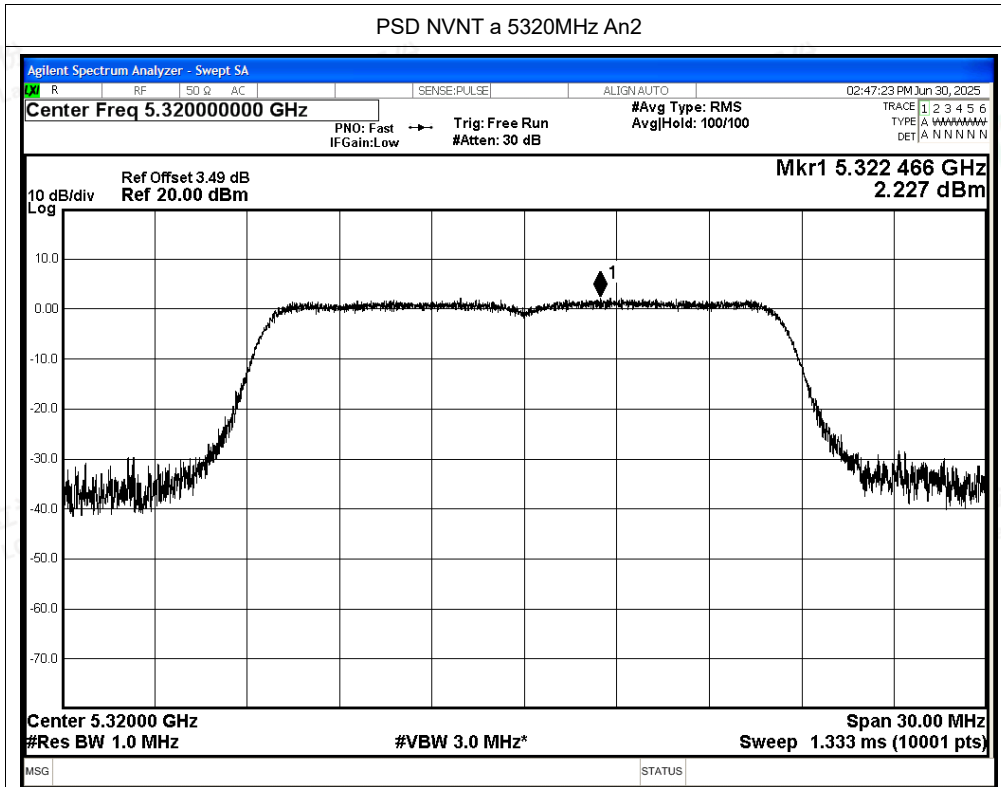


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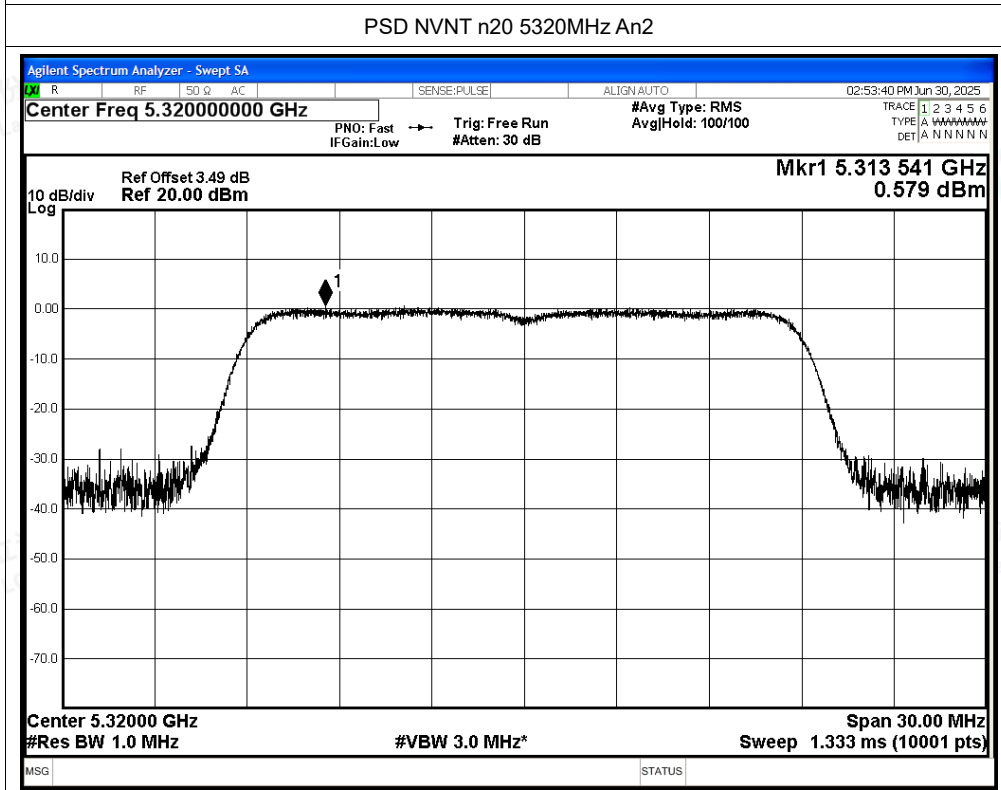
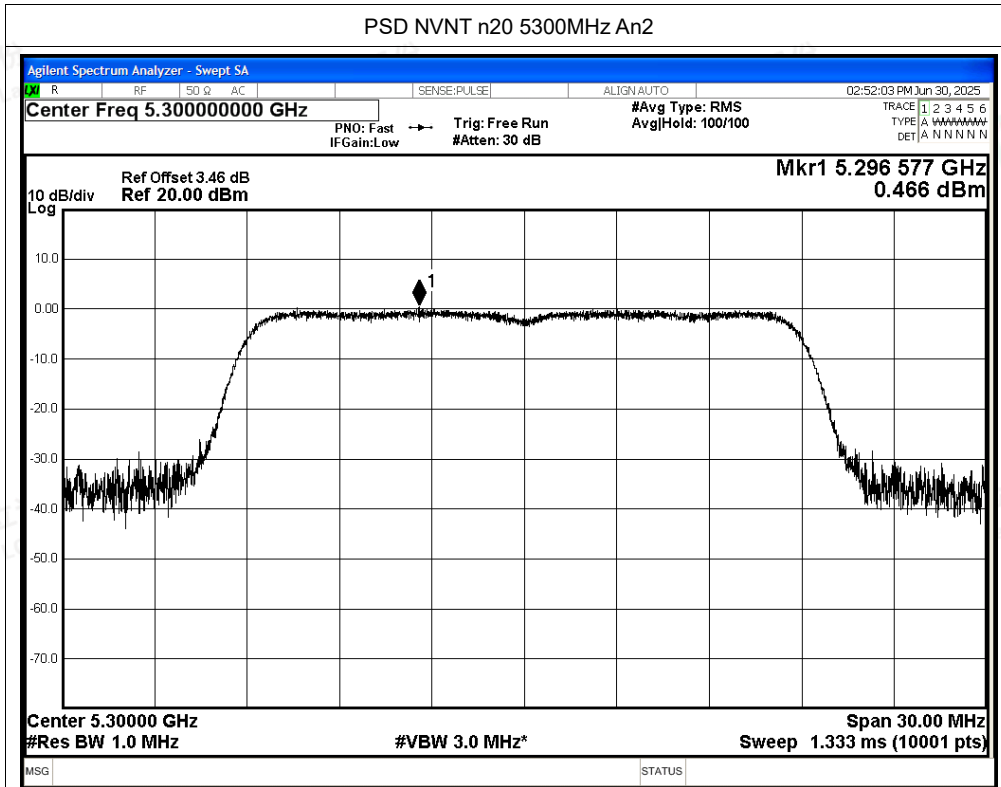


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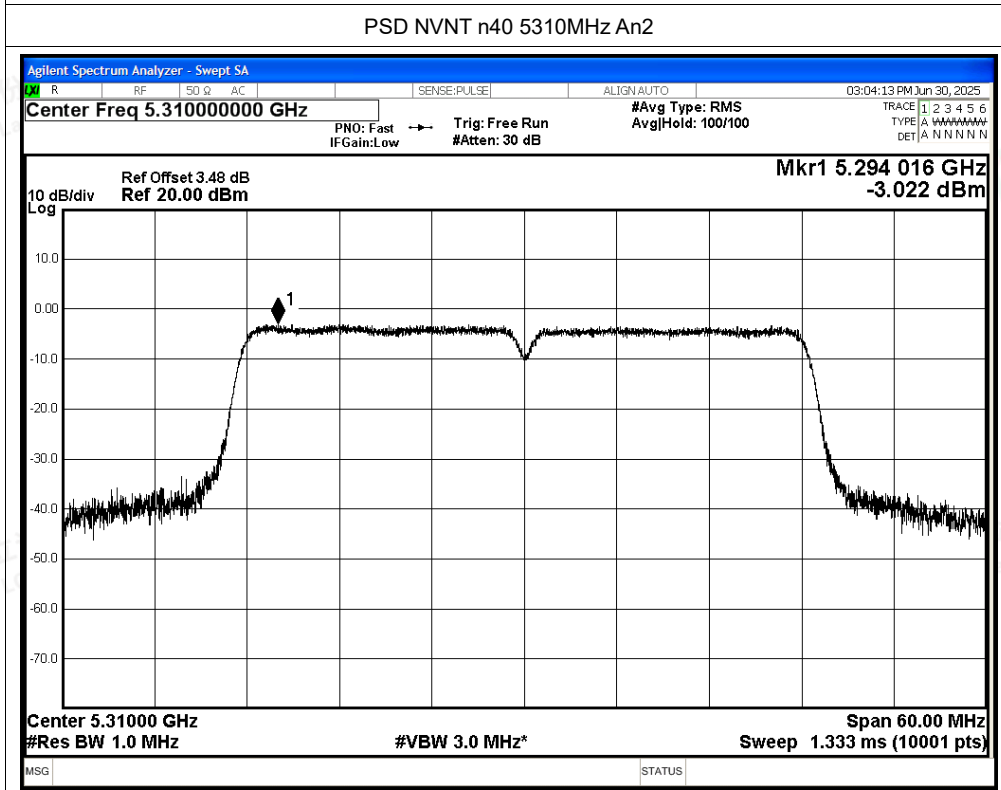
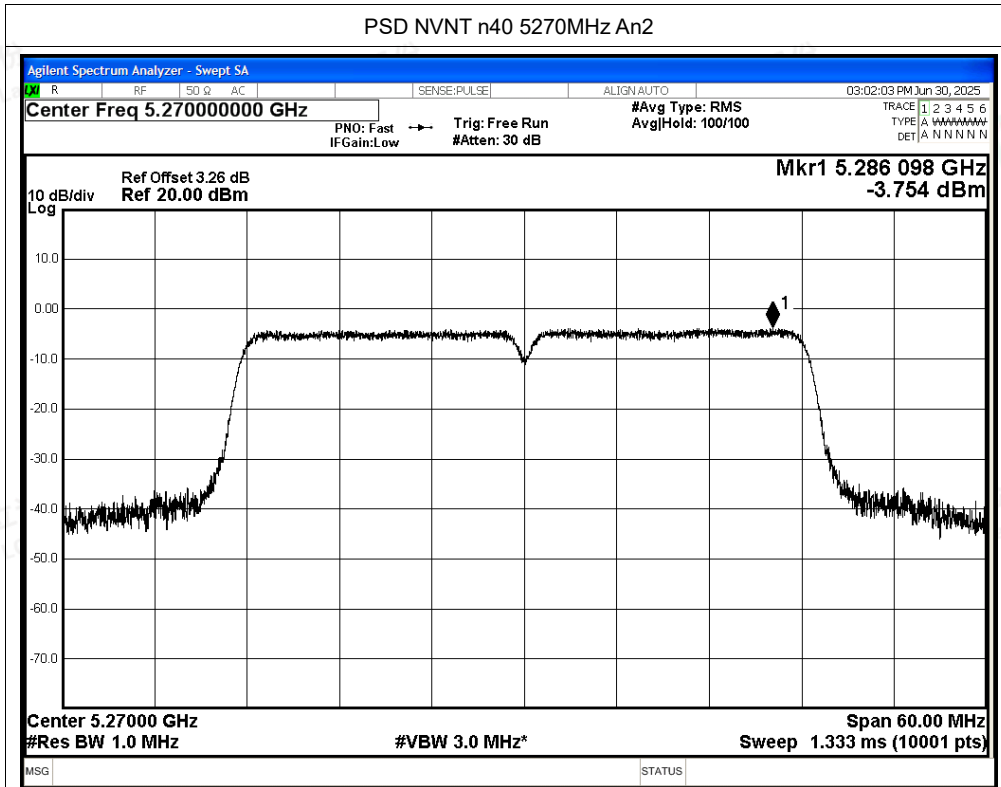


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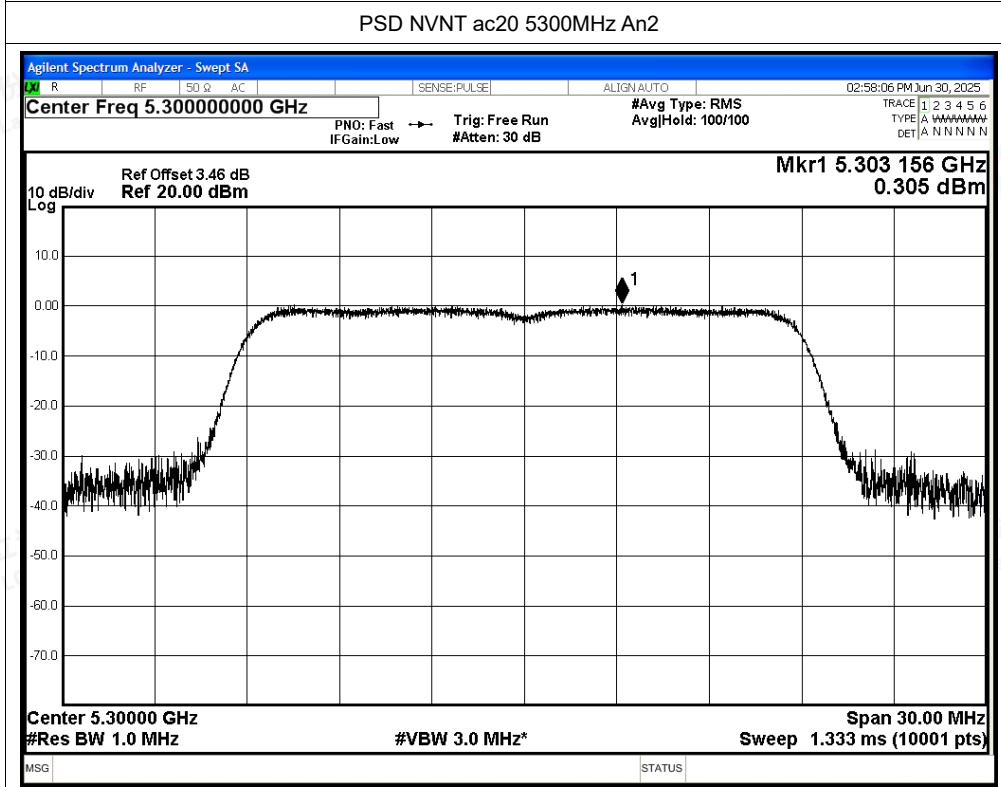
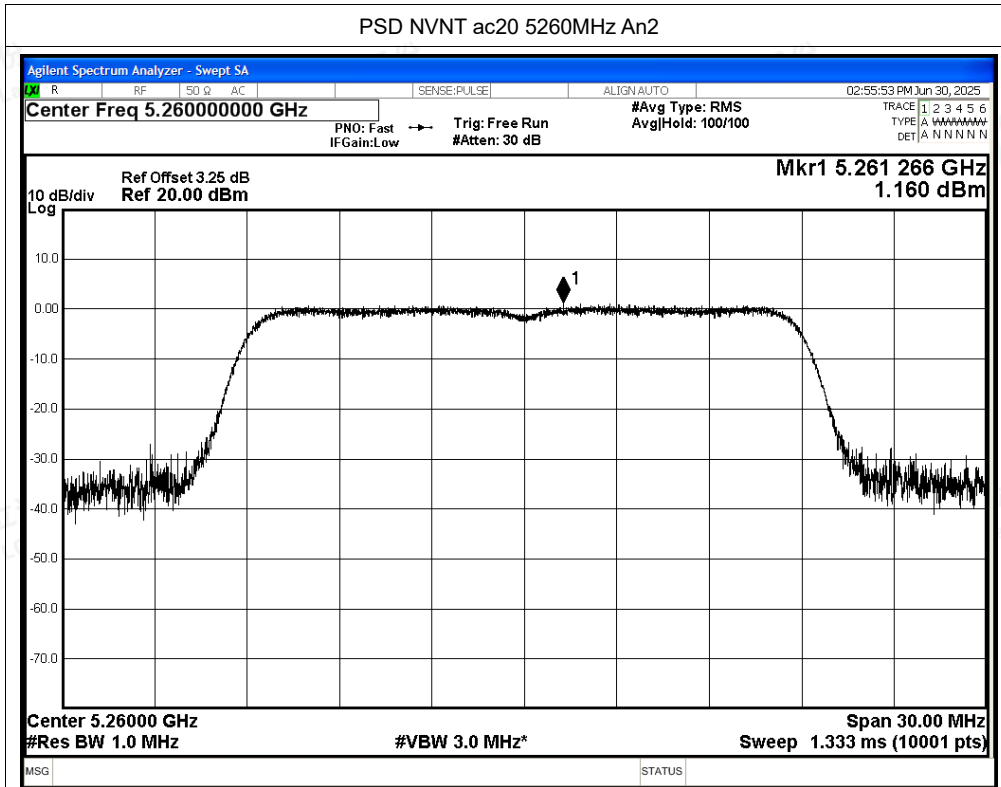


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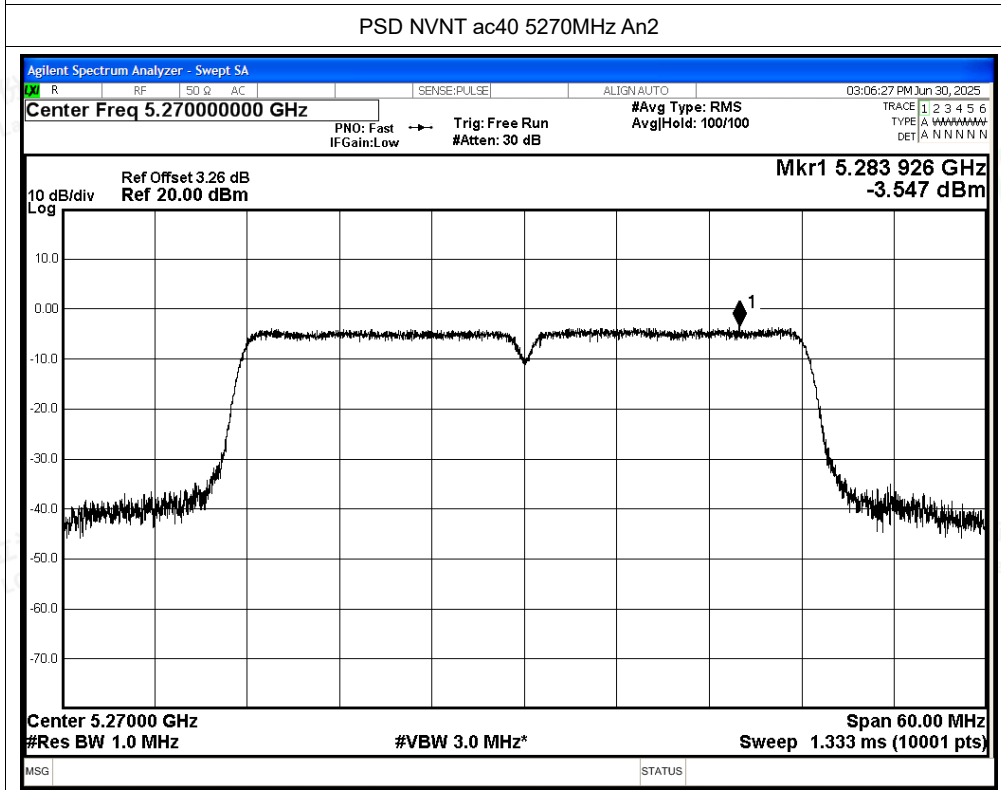
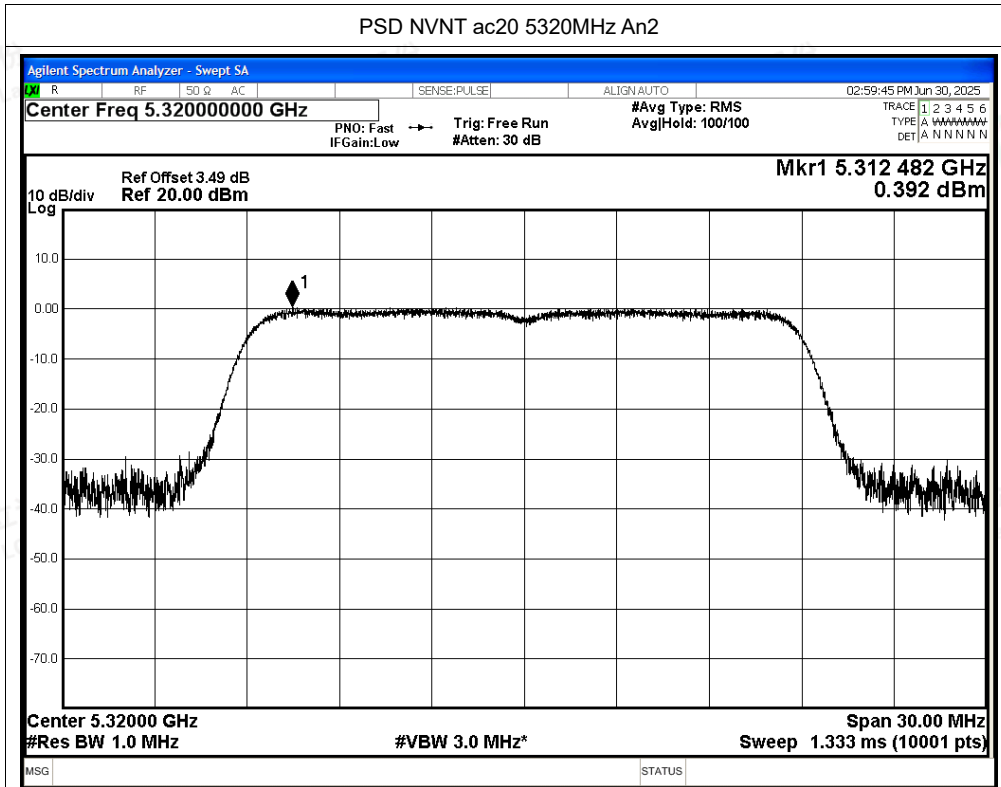


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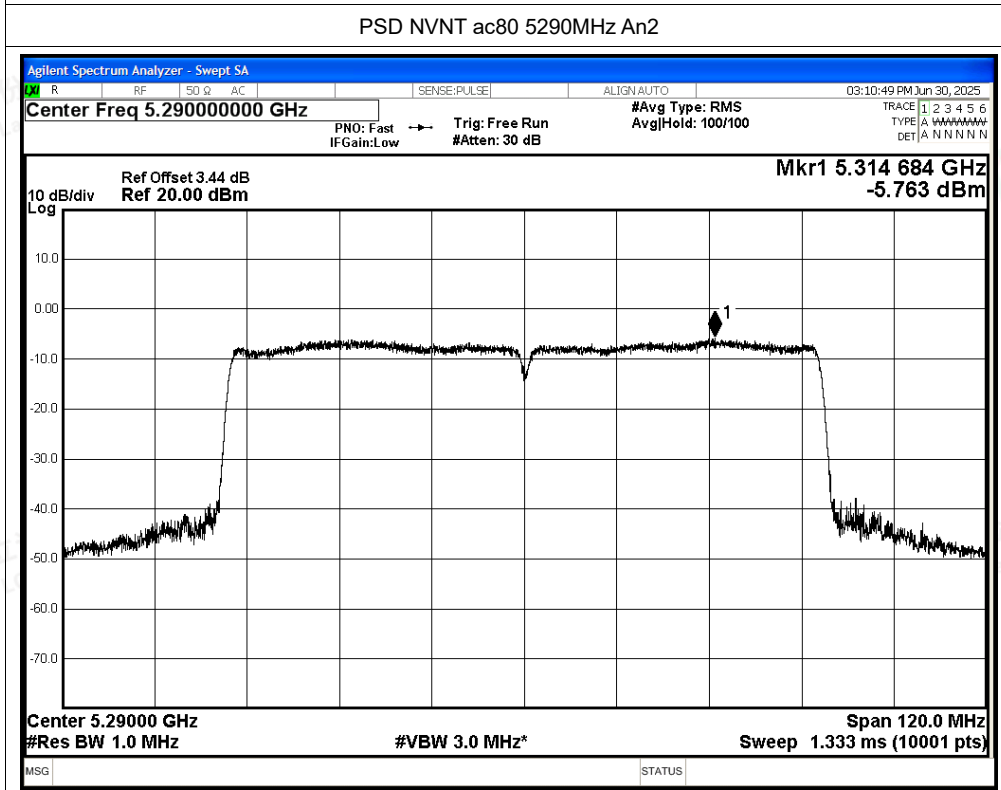
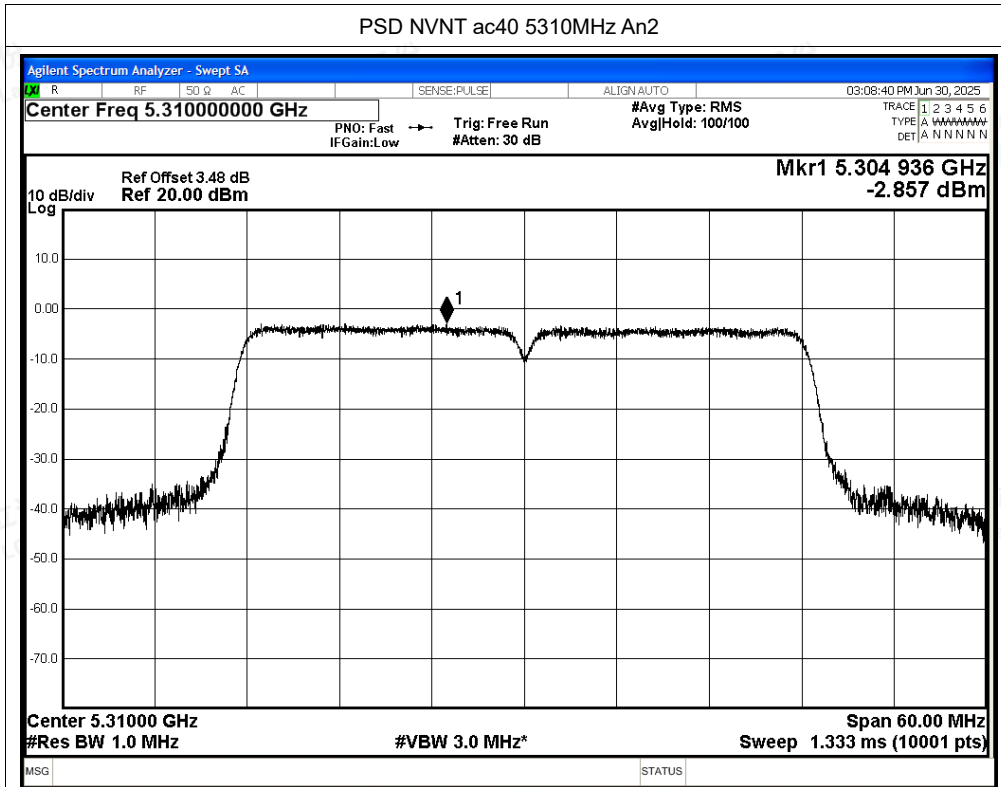


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Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	a	5260	An3	1.79	0.24	2.03	11	Pass
NVNT	a	5300	An3	1.74	0.24	1.98	11	Pass
NVNT	a	5320	An3	2.09	0.24	2.33	11	Pass
NVNT	n20	5260	An3	1.53	0.12	1.65	11	Pass
NVNT	n20	5300	An3	0.19	0.12	0.31	11	Pass
NVNT	n20	5320	An3	0.22	0.12	0.34	11	Pass
NVNT	n40	5270	An3	-2.54	0.24	-2.3	11	Pass
NVNT	n40	5310	An3	-3.38	0.24	-3.14	11	Pass
NVNT	ac20	5260	An3	1.29	0.12	1.41	11	Pass
NVNT	ac20	5300	An3	0.3	0.12	0.42	11	Pass
NVNT	ac20	5320	An3	0.5	0.12	0.62	11	Pass
NVNT	ac40	5270	An3	-2.65	0.24	-2.41	11	Pass
NVNT	ac40	5310	An3	-3.62	0.24	-3.38	11	Pass
NVNT	ac80	5290	An3	-6.9	0.47	-6.43	11	Pass
NVNT	ax20	5260	An3	0.53	0.12	0.65	11	Pass
NVNT	ax20	5300	An3	0.46	0.12	0.58	11	Pass
NVNT	ax20	5320	An3	0.4	0.12	0.52	11	Pass
NVNT	ax40	5270	An3	-3.21	0.24	-2.97	11	Pass
NVNT	ax40	5310	An3	-3.61	0.24	-3.37	11	Pass
NVNT	ax80	5290	An3	-6.63	0.47	-6.16	11	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	5260	An4	1.67	0.24	1.91	11	Pass
NVNT	a	5300	An4	1.94	0.24	2.18	11	Pass
NVNT	a	5320	An4	2.38	0.24	2.62	11	Pass
NVNT	n20	5260	An4	0.61	0.12	0.73	11	Pass
NVNT	n20	5300	An4	0.19	0.12	0.31	11	Pass
NVNT	n20	5320	An4	0.48	0.12	0.6	11	Pass
NVNT	n40	5270	An4	-3.25	0.23	-3.02	11	Pass
NVNT	n40	5310	An4	-3	0.24	-2.76	11	Pass
NVNT	ac20	5260	An4	0.75	0.12	0.87	11	Pass
NVNT	ac20	5300	An4	0.51	0.12	0.63	11	Pass
NVNT	ac20	5320	An4	0.77	0.12	0.89	11	Pass
NVNT	ac40	5270	An4	-2.76	0.23	-2.53	11	Pass
NVNT	ac40	5310	An4	-3.76	0.24	-3.52	11	Pass
NVNT	ac80	5290	An4	-6.85	0.47	-6.38	11	Pass
NVNT	ax20	5260	An4	0.23	0.12	0.35	11	Pass
NVNT	ax20	5300	An4	0.16	0.12	0.28	11	Pass
NVNT	ax20	5320	An4	0.24	0.12	0.36	11	Pass
NVNT	ax40	5270	An4	-3.8	0.24	-3.56	11	Pass
NVNT	ax40	5310	An4	-3.37	0.24	-3.13	11	Pass
NVNT	ax80	5290	An4	-6.47	0.47	-6	11	Pass



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MIMO

Condition	Mode	Frequency (MHz)	Total PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			An3	An4	An3+An4		
NVNT	n20	5260	1.65	0.73	4.22	8.89	Pass
NVNT	n20	5300	0.31	0.31	3.32	8.89	Pass
NVNT	n20	5320	0.34	0.6	3.48	8.89	Pass
NVNT	n40	5270	-2.3	-3.02	0.37	8.89	Pass
NVNT	n40	5310	-3.14	-2.76	0.06	8.89	Pass
NVNT	ac20	5260	1.41	0.87	4.16	8.89	Pass
NVNT	ac20	5300	0.42	0.63	3.54	8.89	Pass
NVNT	ac20	5320	0.62	0.89	3.77	8.89	Pass
NVNT	ac40	5270	-2.41	-2.53	0.54	8.89	Pass
NVNT	ac40	5310	-3.38	-3.52	-0.44	8.89	Pass
NVNT	ac80	5290	-6.43	-6.38	-3.39	8.89	Pass
NVNT	ax20	5260	0.65	0.35	3.51	8.89	Pass
NVNT	ax20	5300	0.58	0.28	3.44	8.89	Pass
NVNT	ax20	5320	0.52	0.36	3.45	8.89	Pass
NVNT	ax40	5270	-2.97	-3.56	-0.24	8.89	Pass
NVNT	ax40	5310	-3.37	-3.13	-0.24	8.89	Pass
NVNT	ax80	5290	-6.16	-6	-3.07	8.89	Pass



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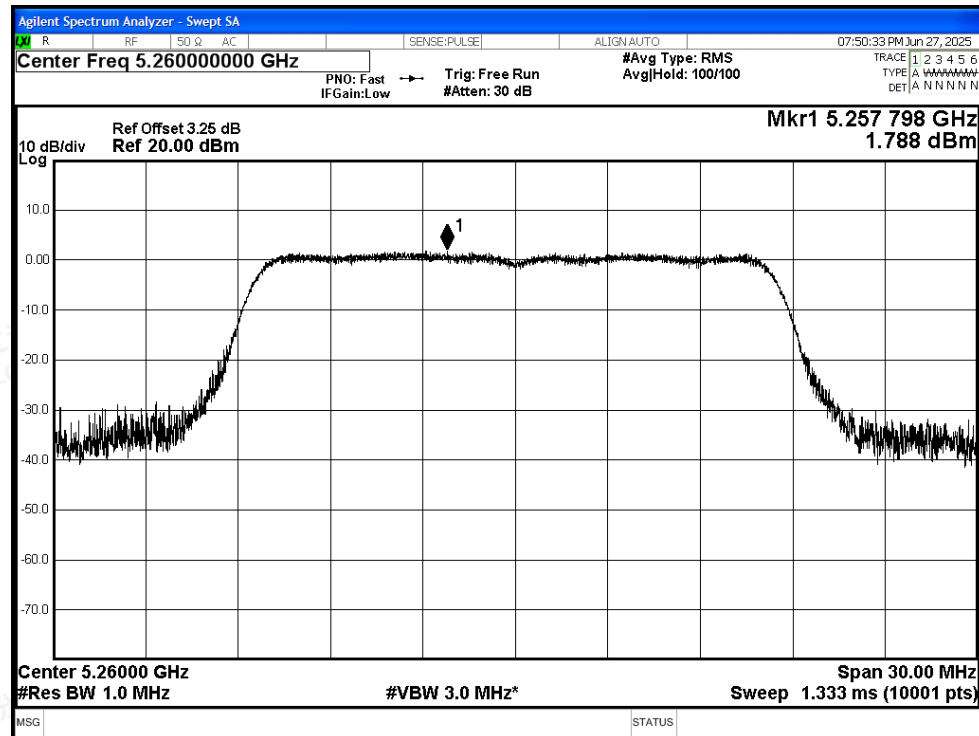
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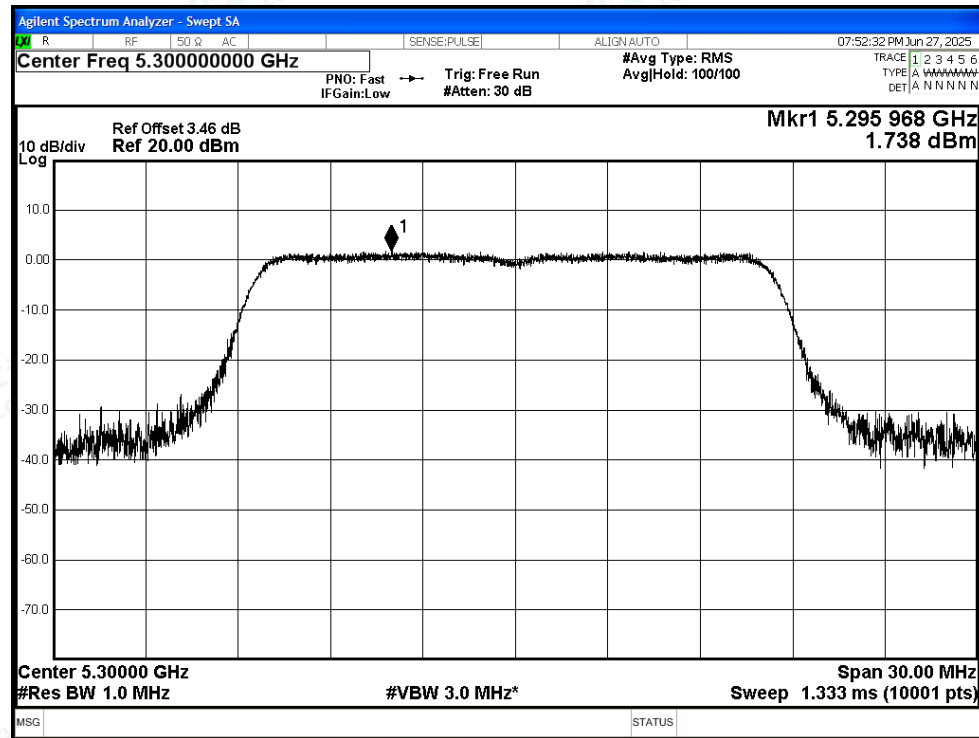


Test Graphs

PSD NVNT a 5260MHz An3



PSD NVNT a 5300MHz An3

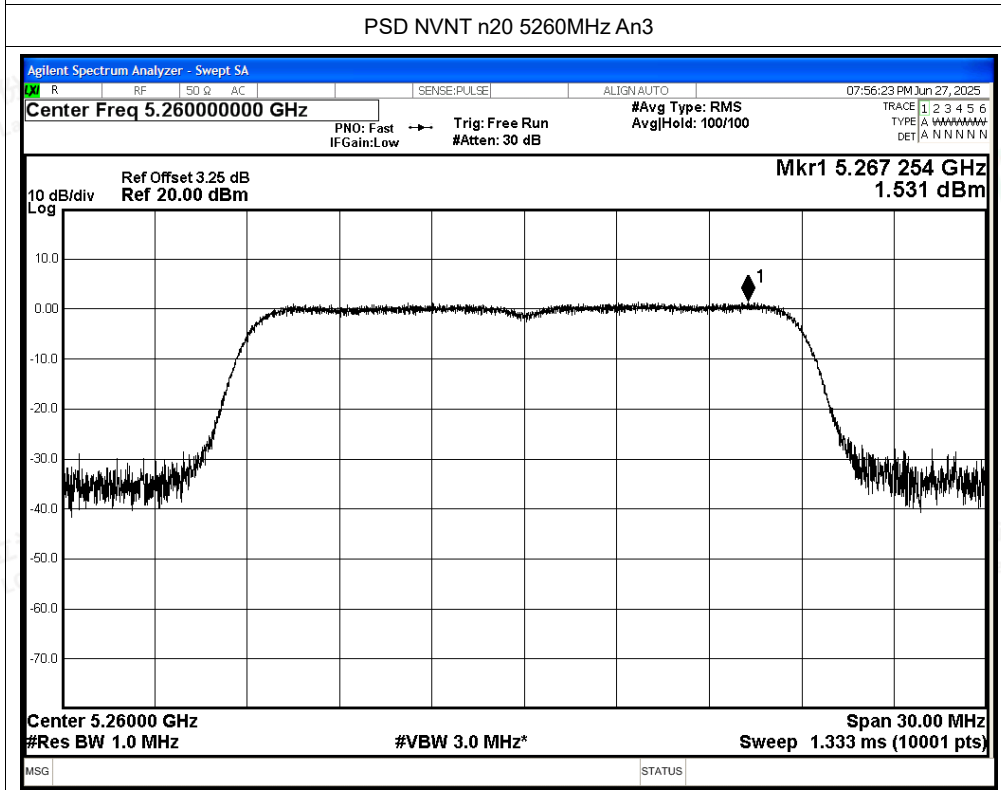
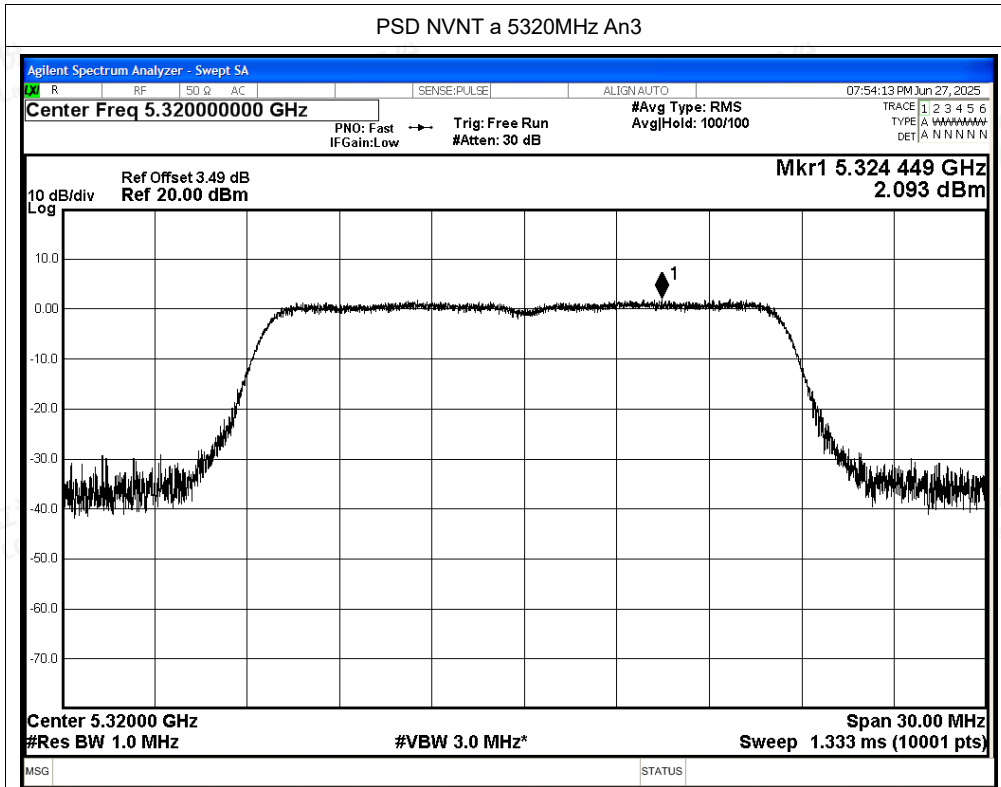


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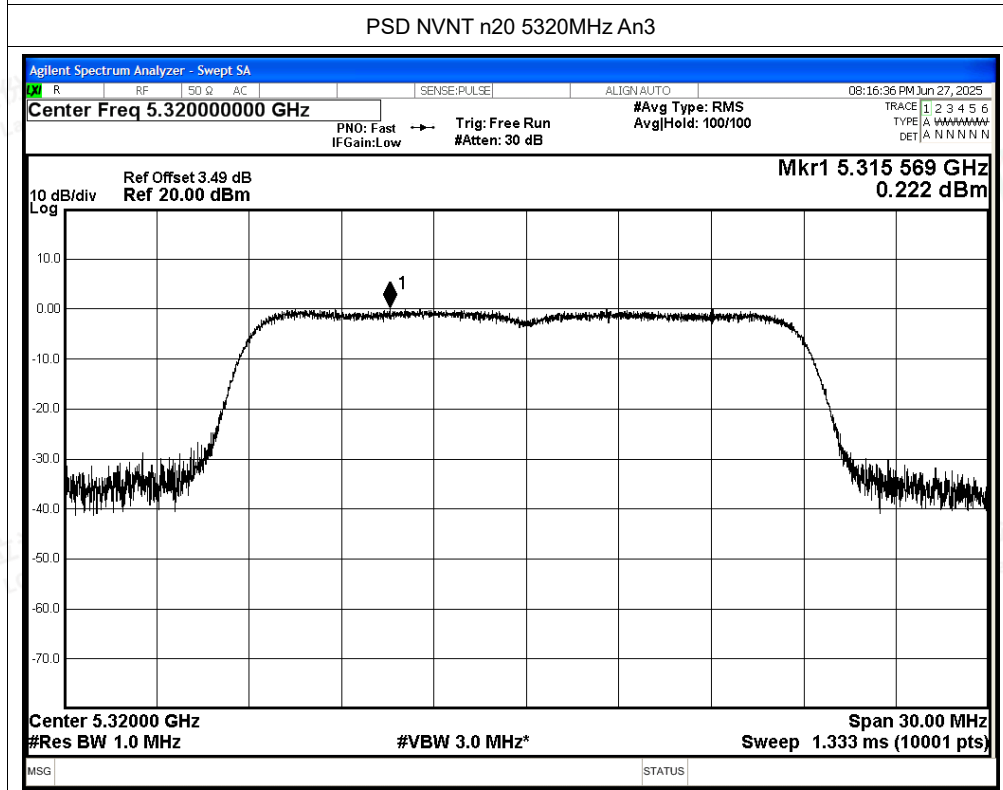
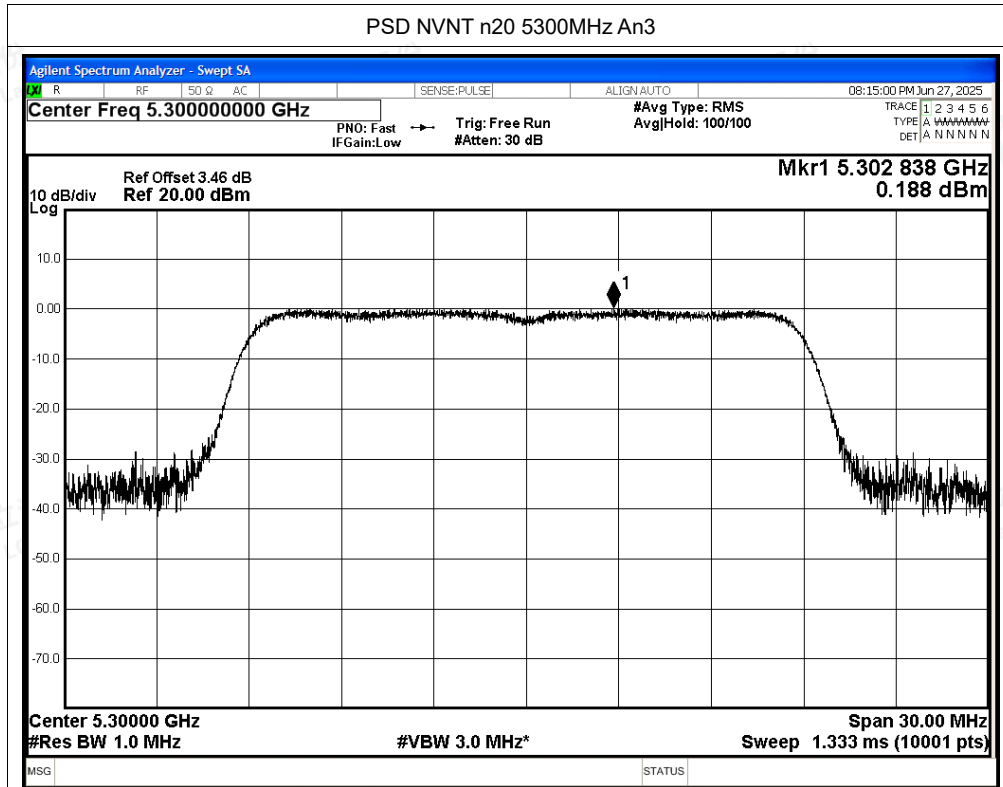


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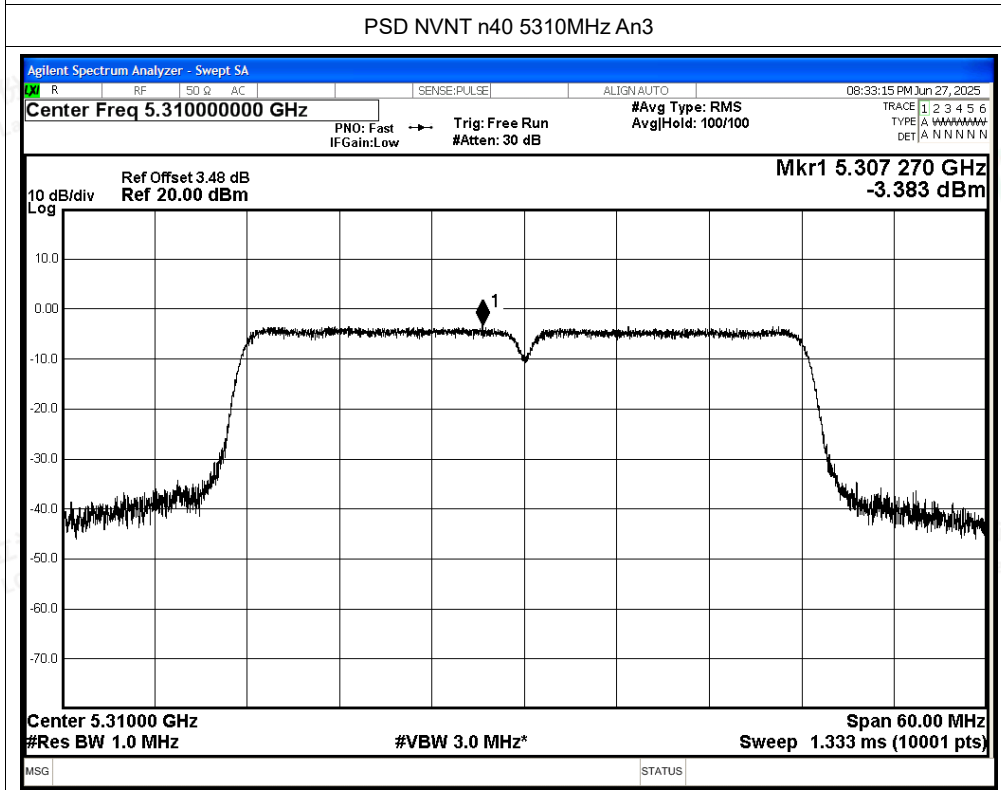
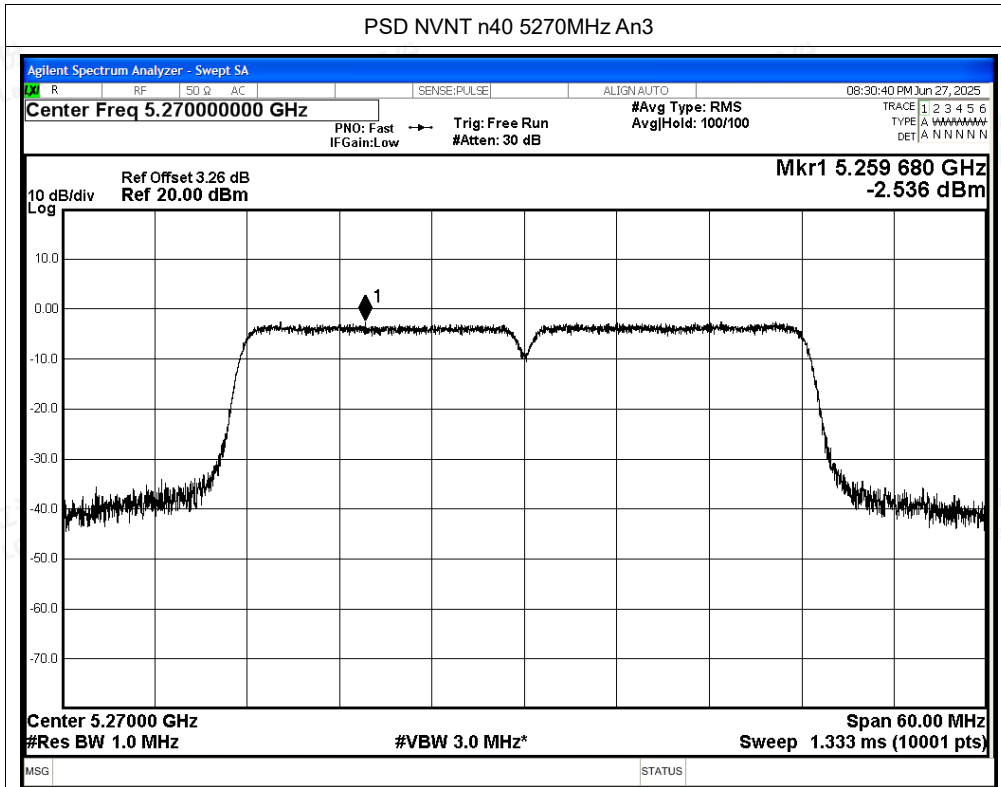


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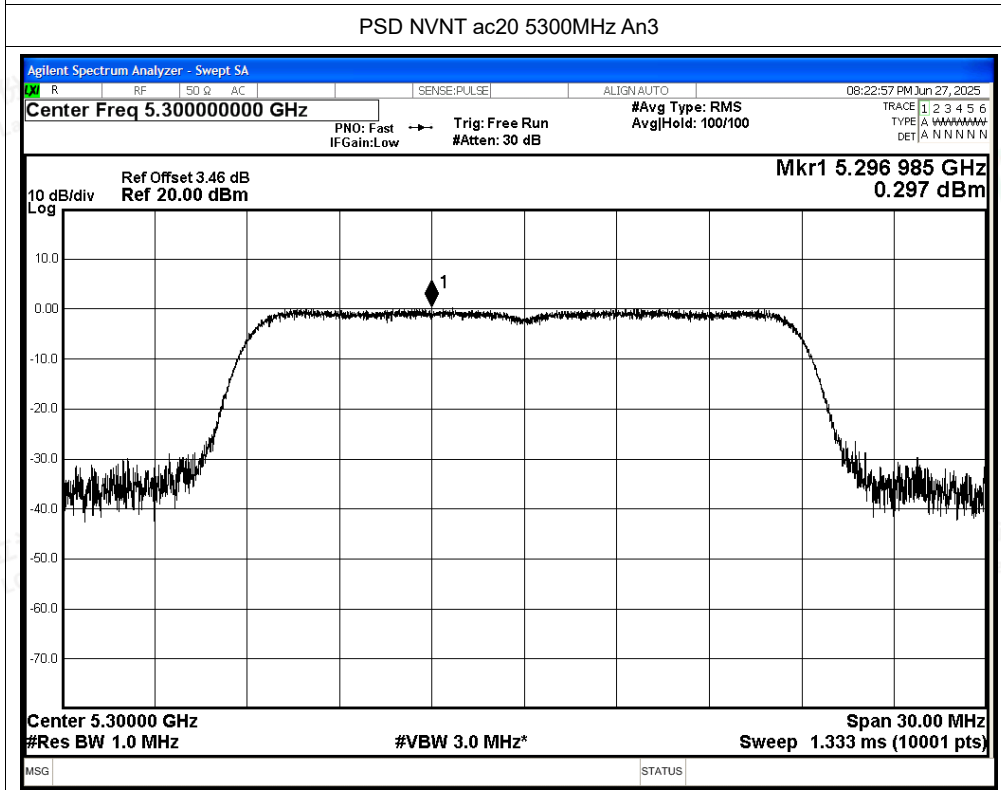
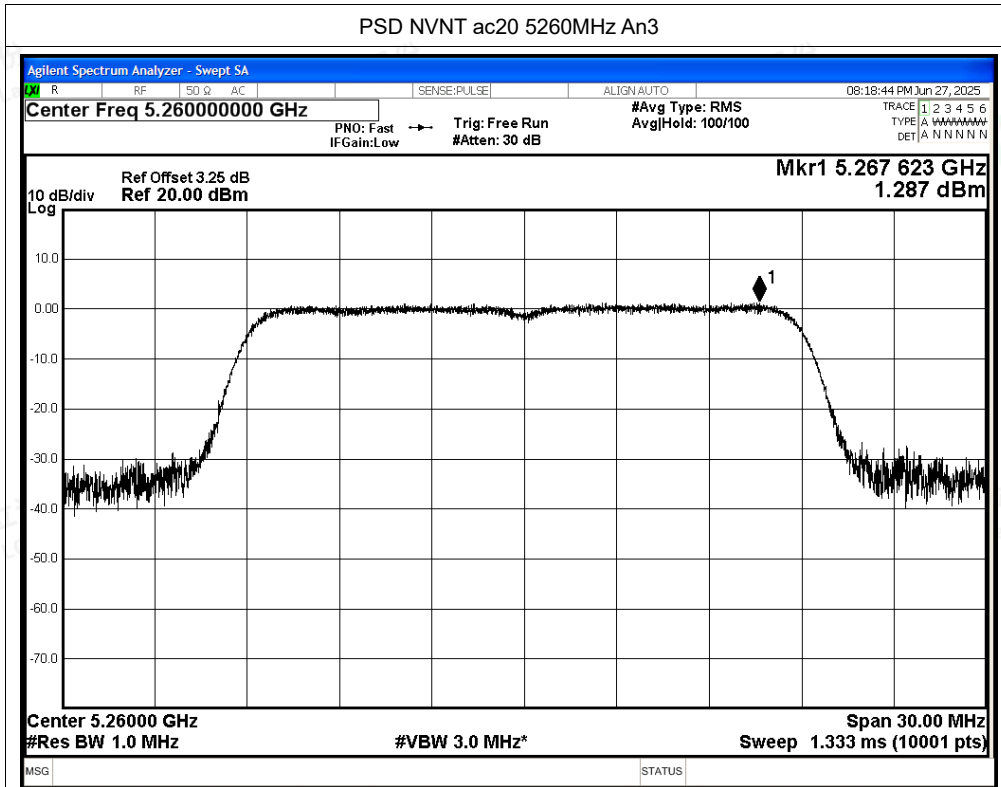


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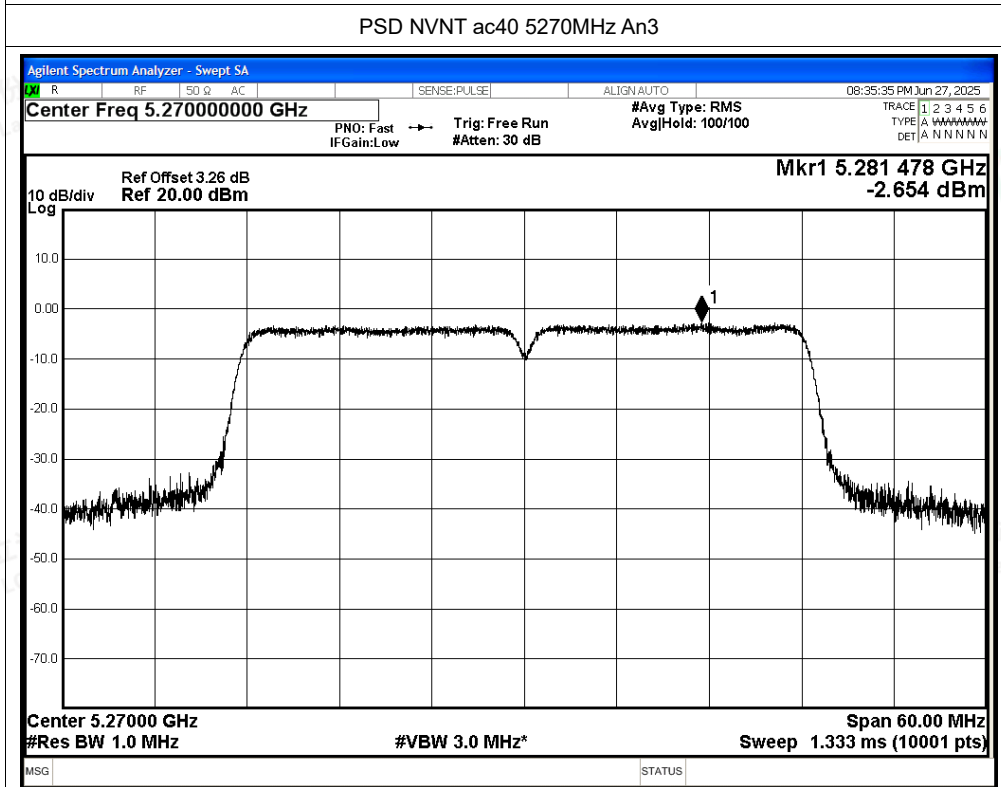
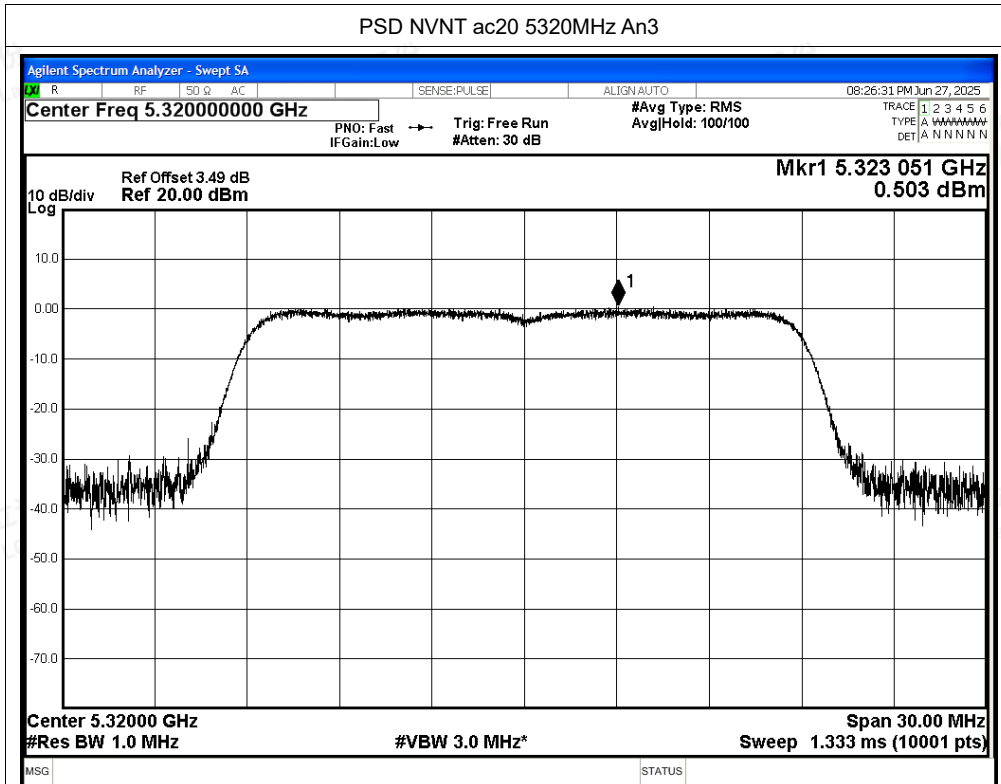


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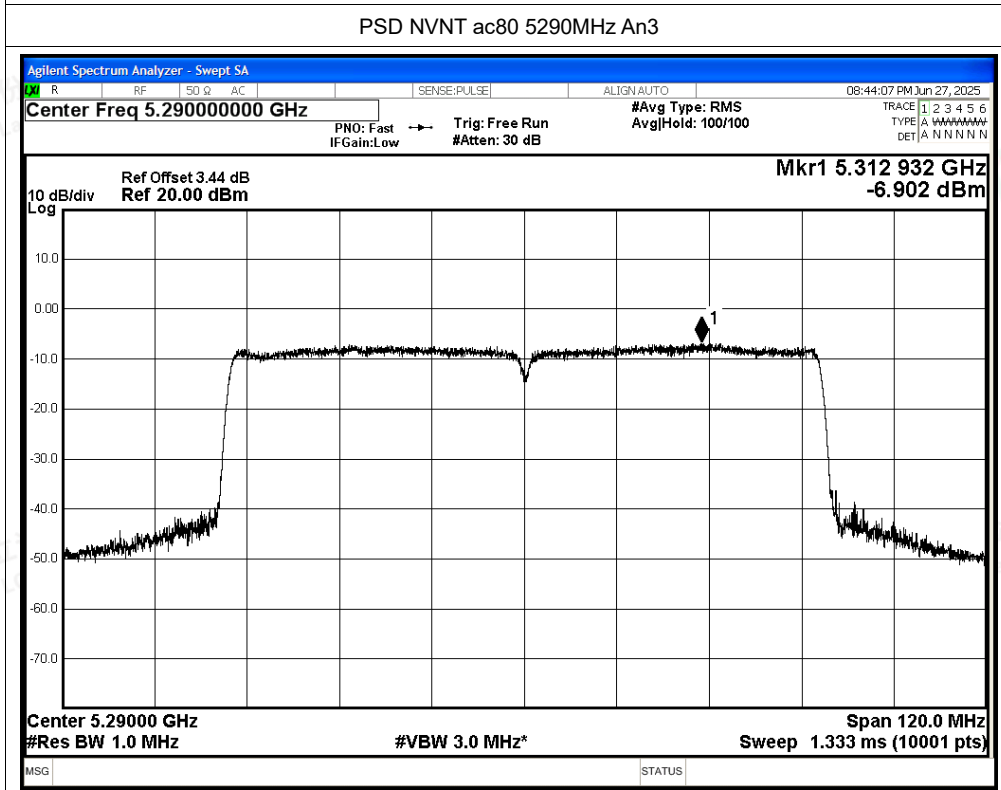
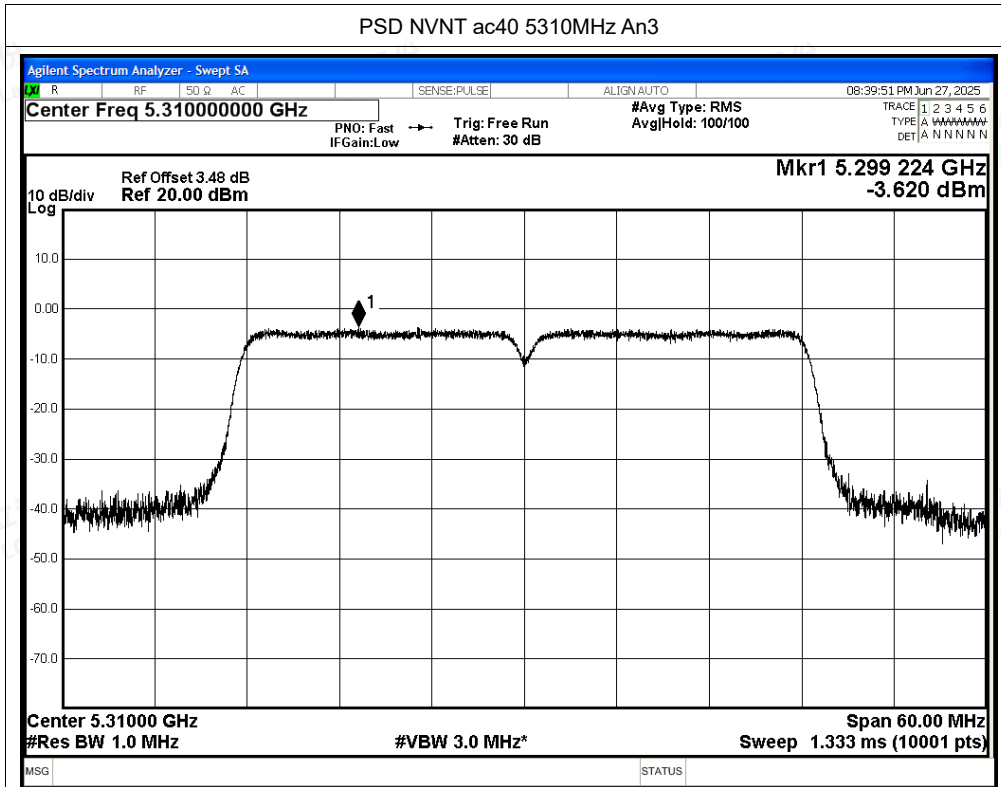


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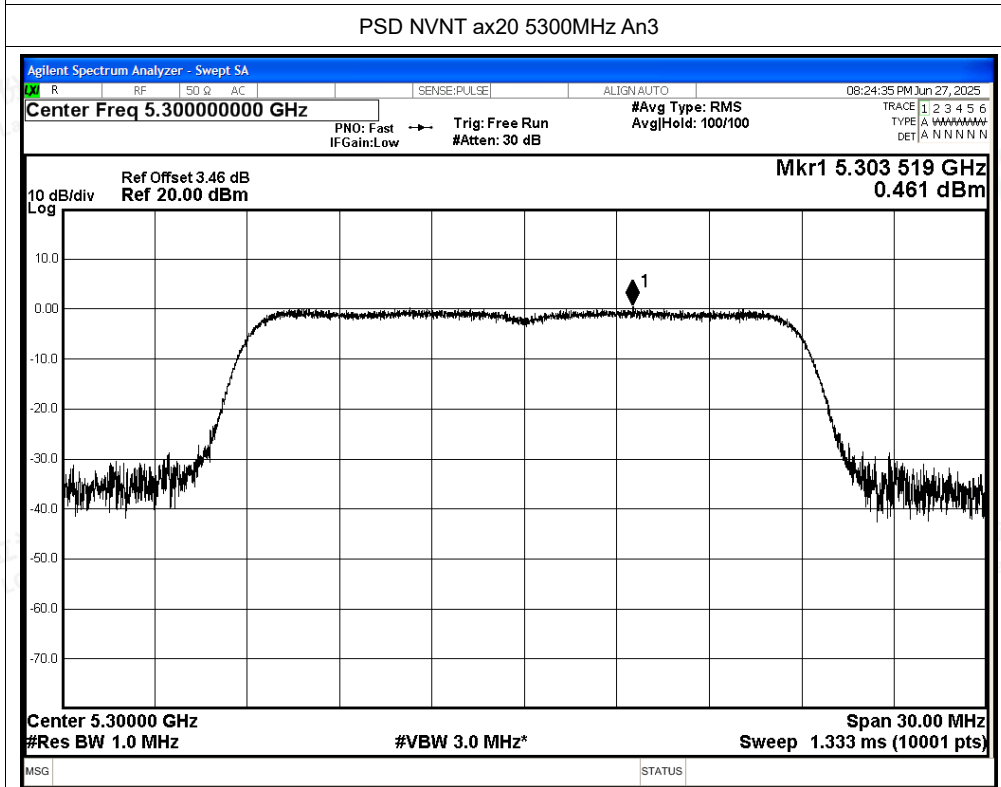
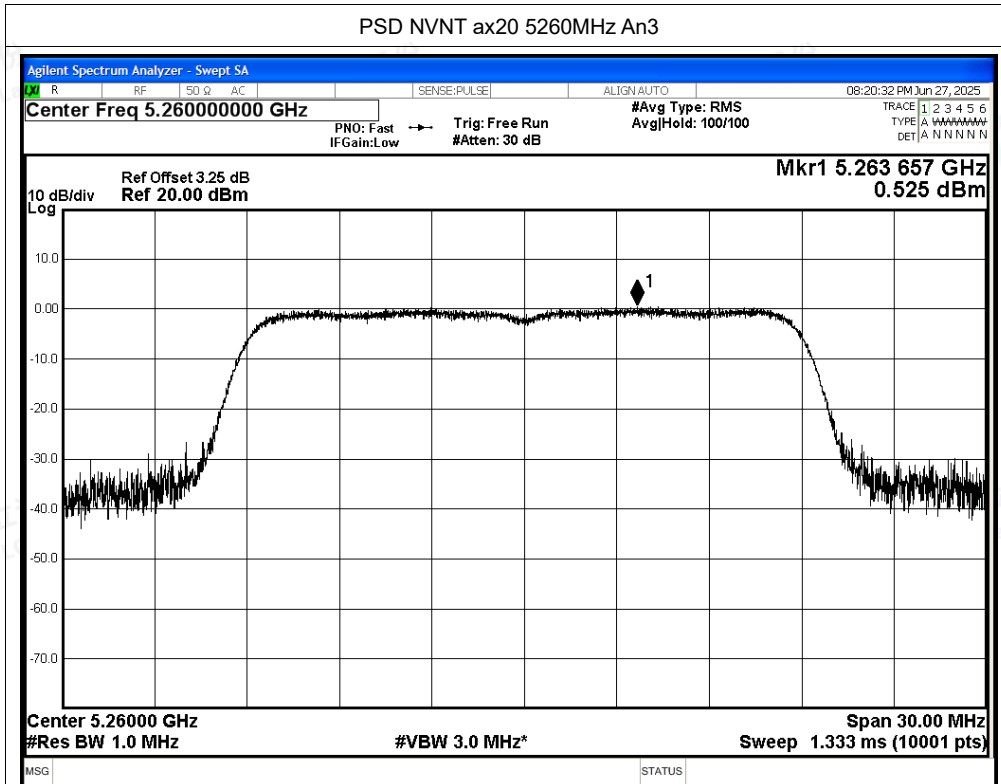


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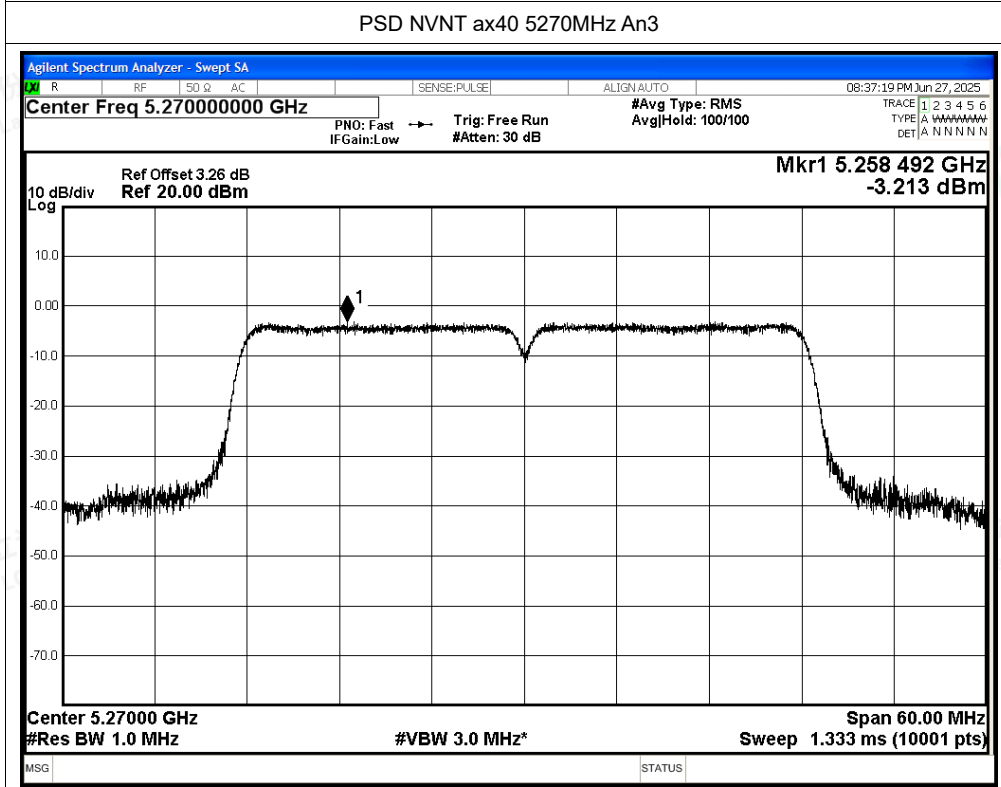
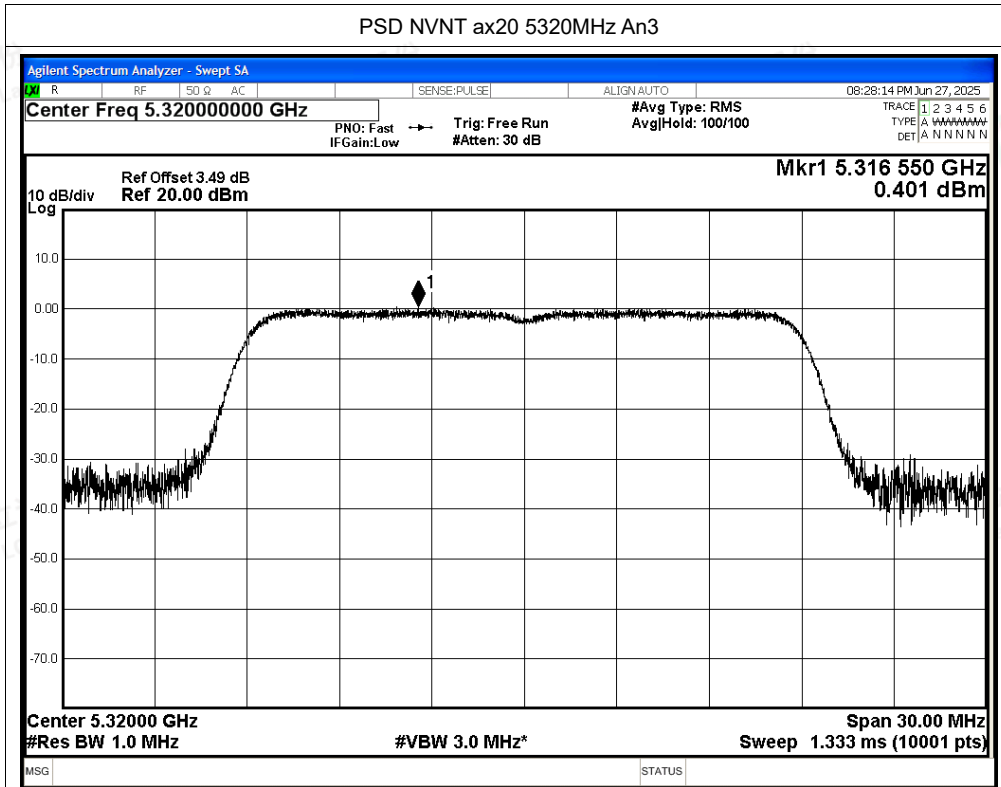


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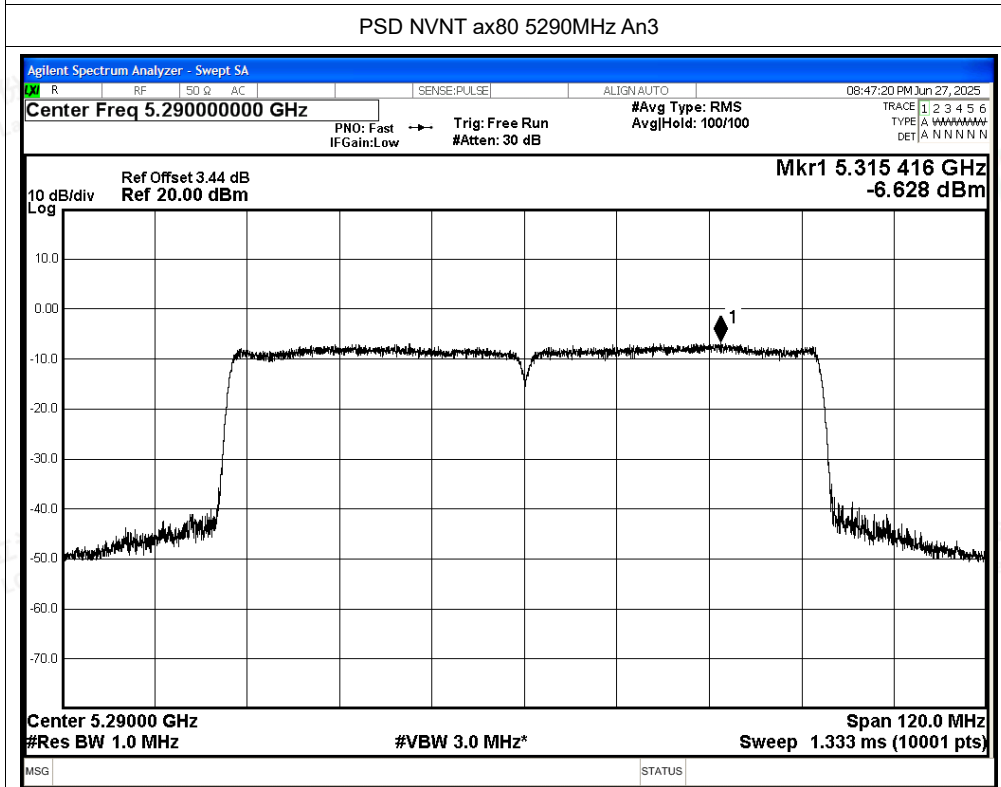
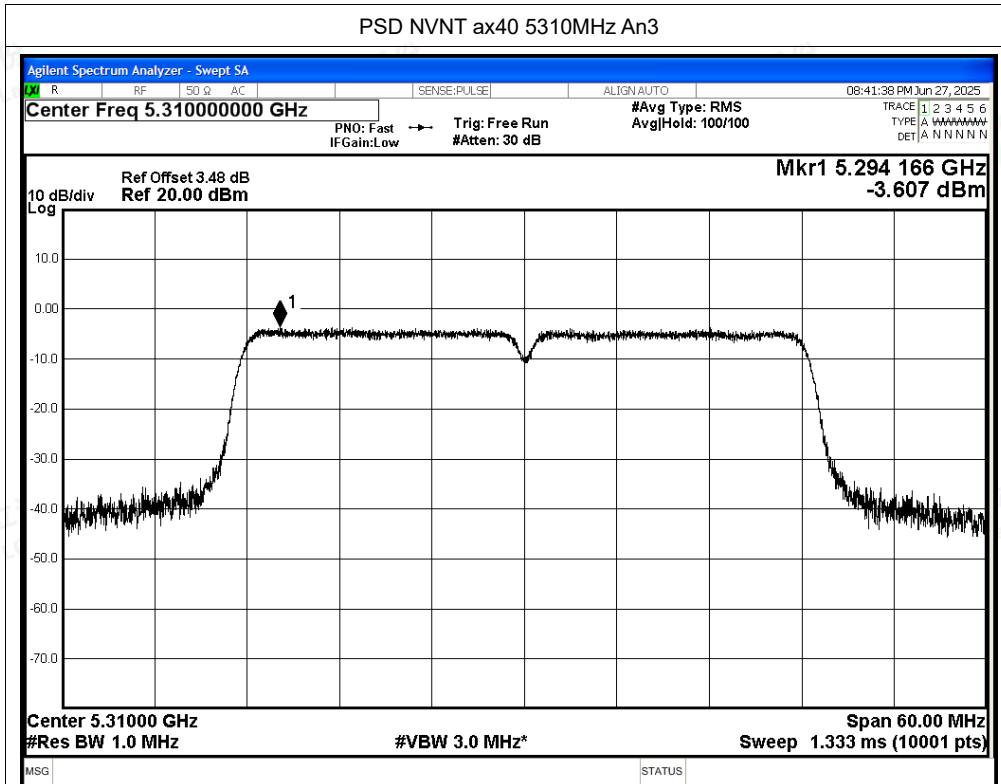


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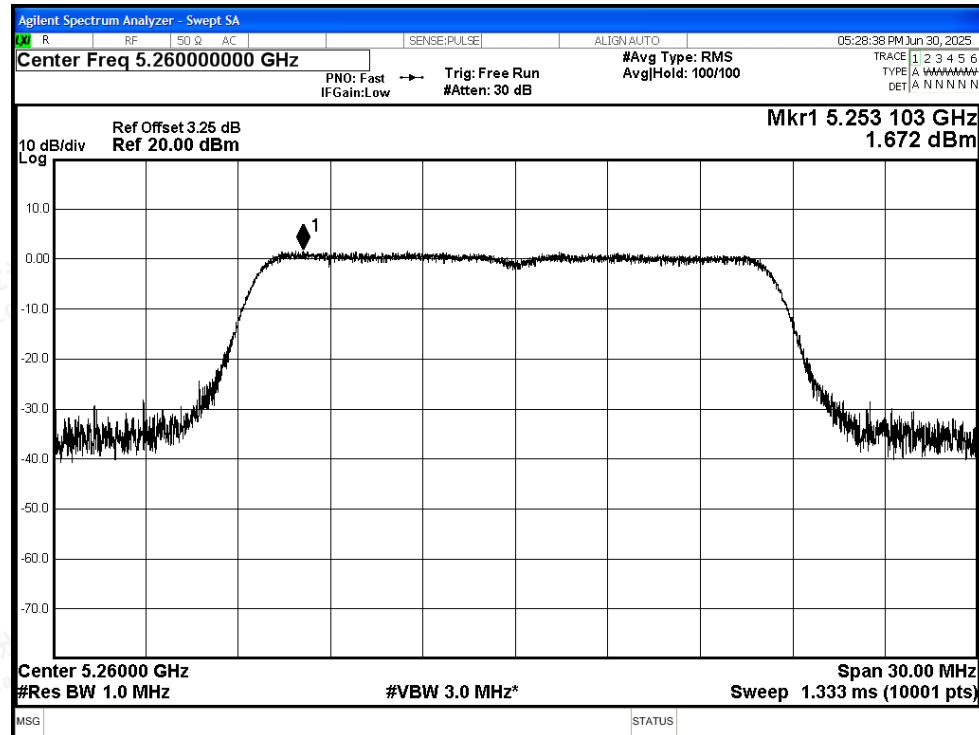
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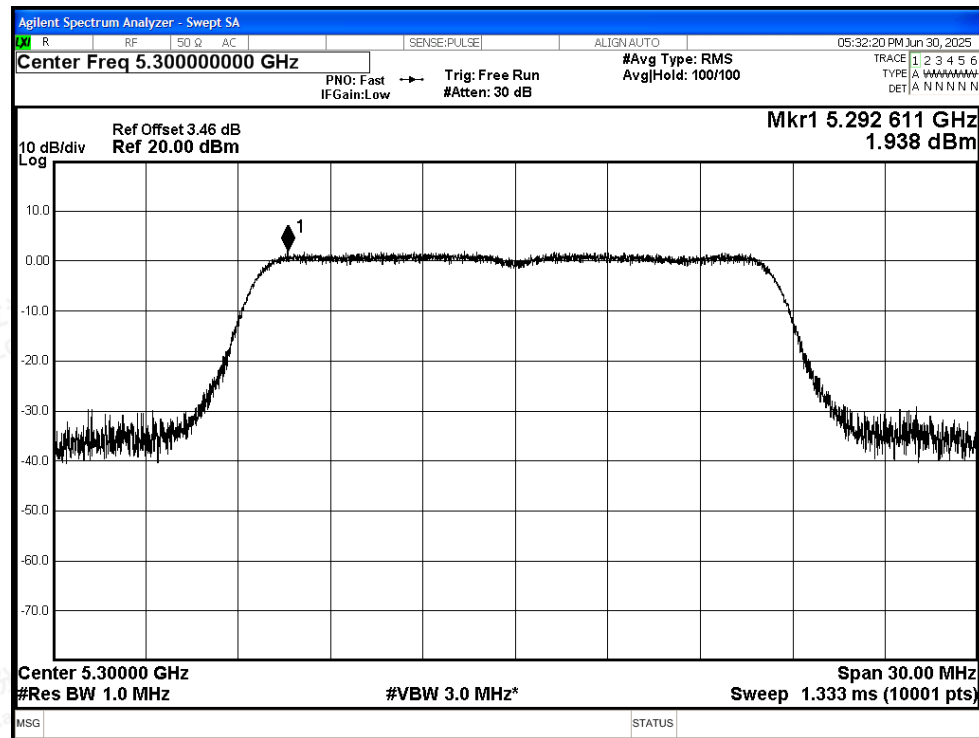


Test Graphs

PSD NVNT a 5260MHz An4



PSD NVNT a 5300MHz An4

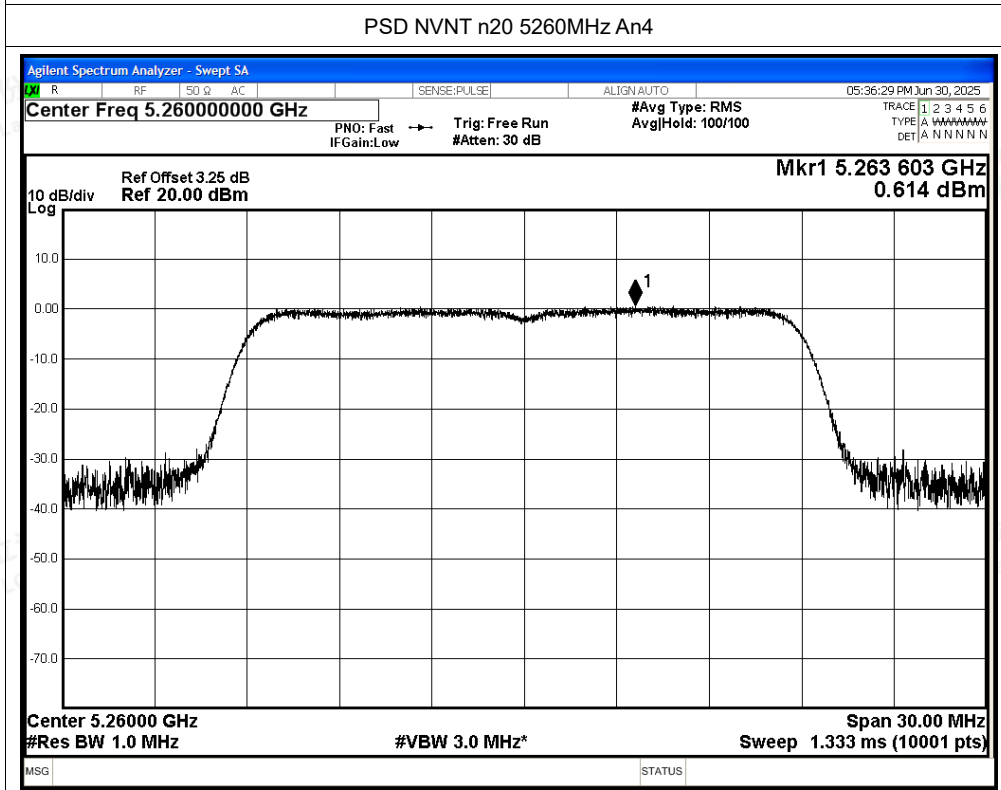
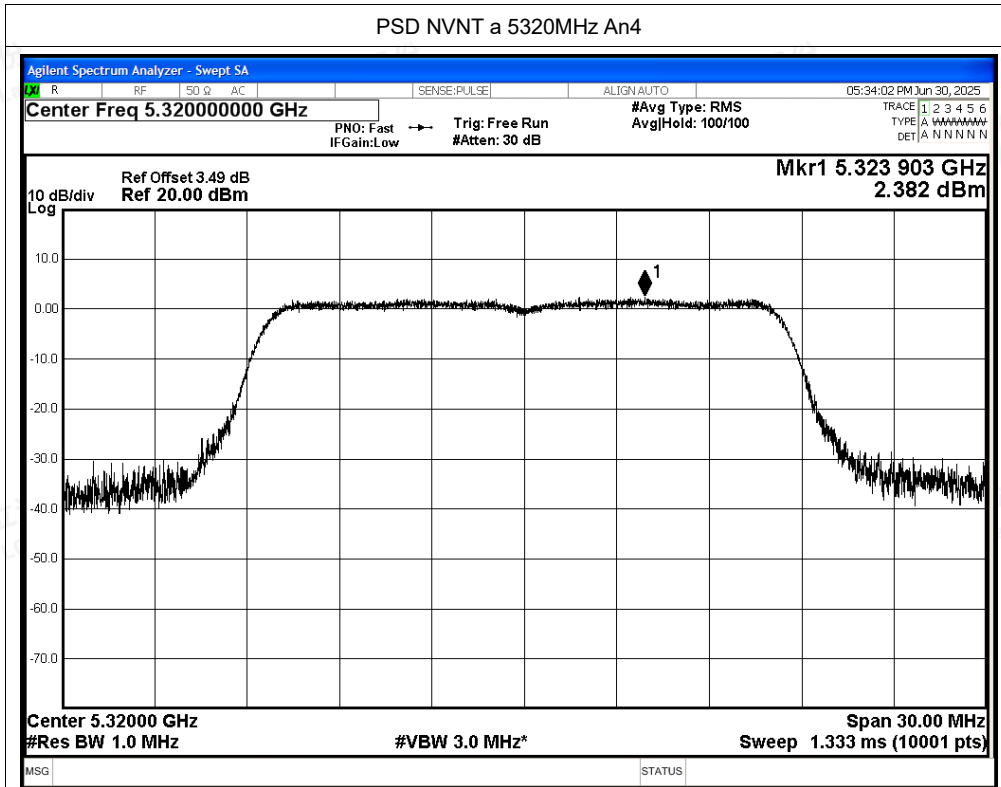


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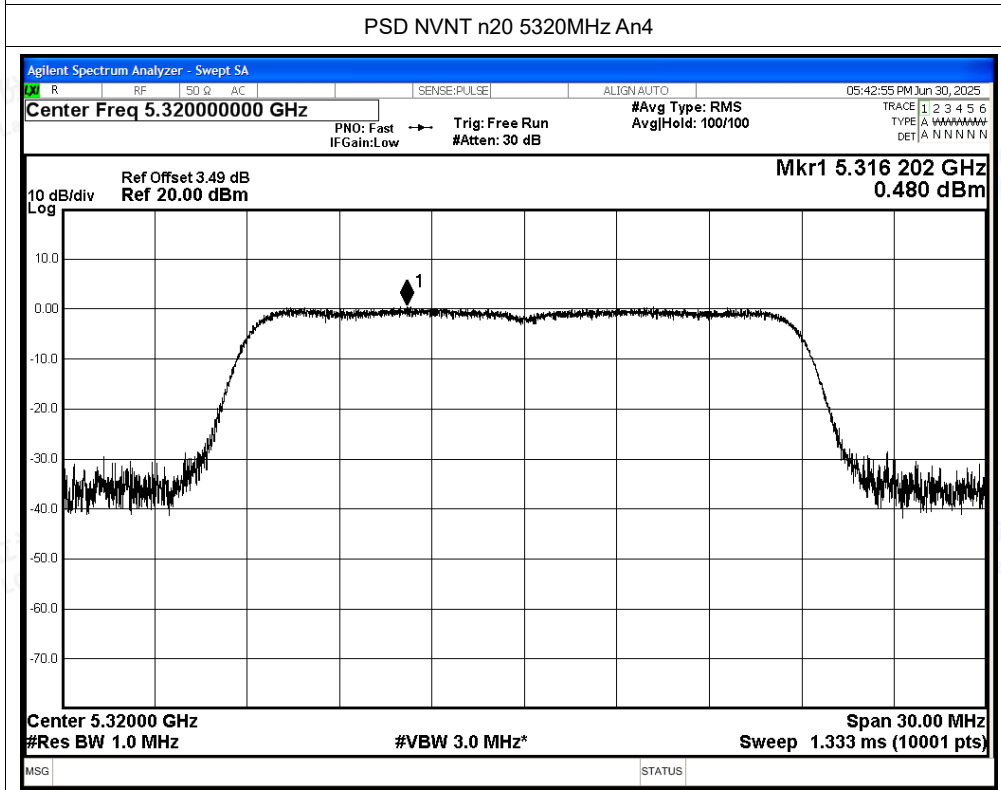
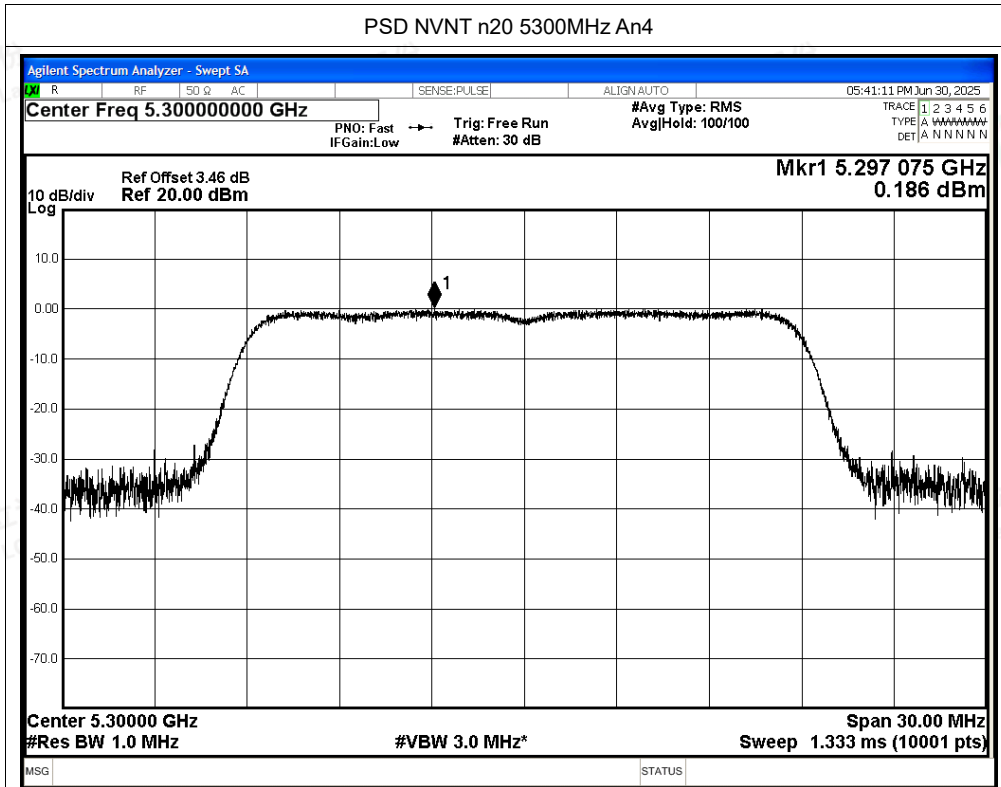


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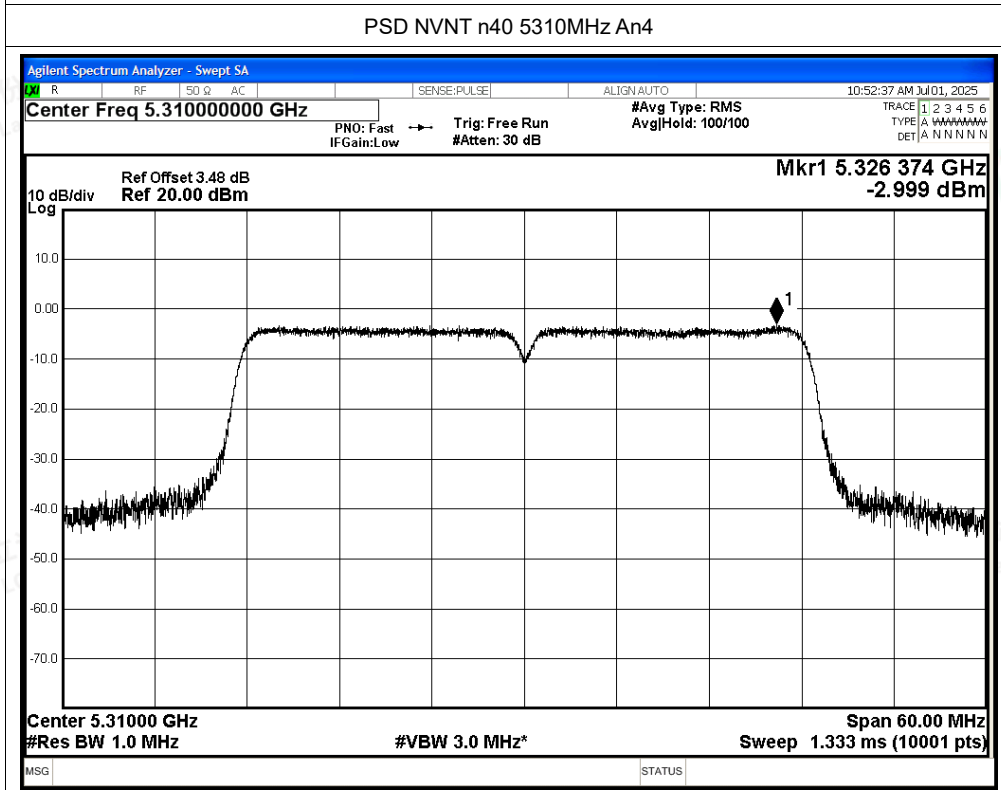
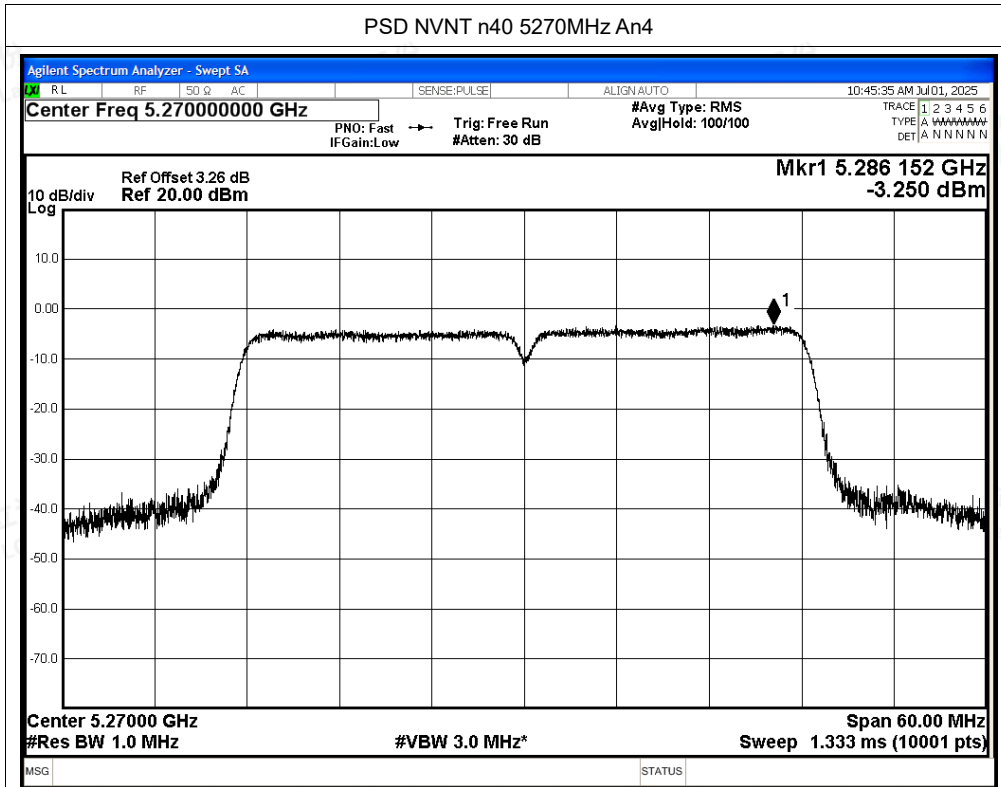


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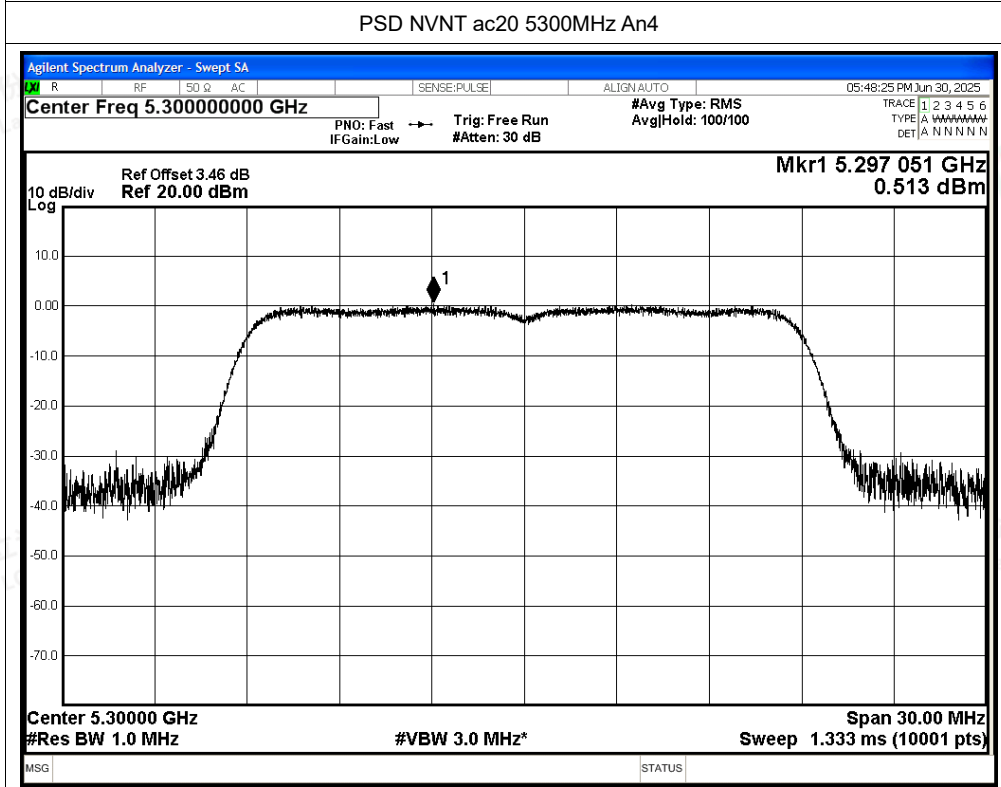
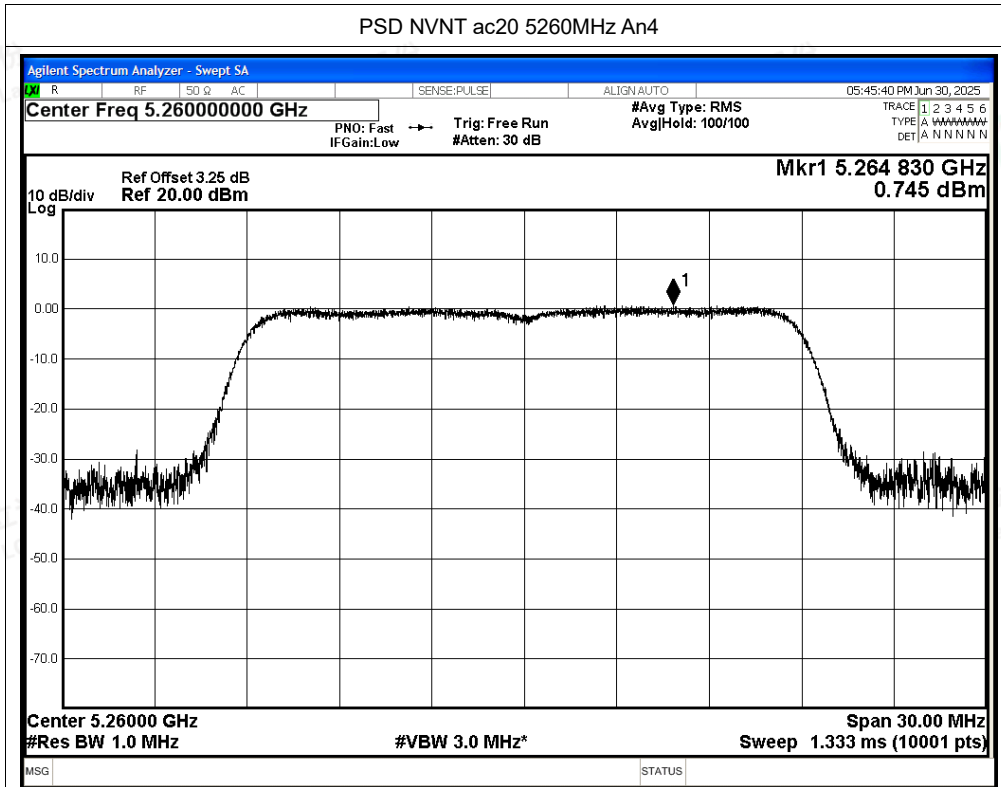


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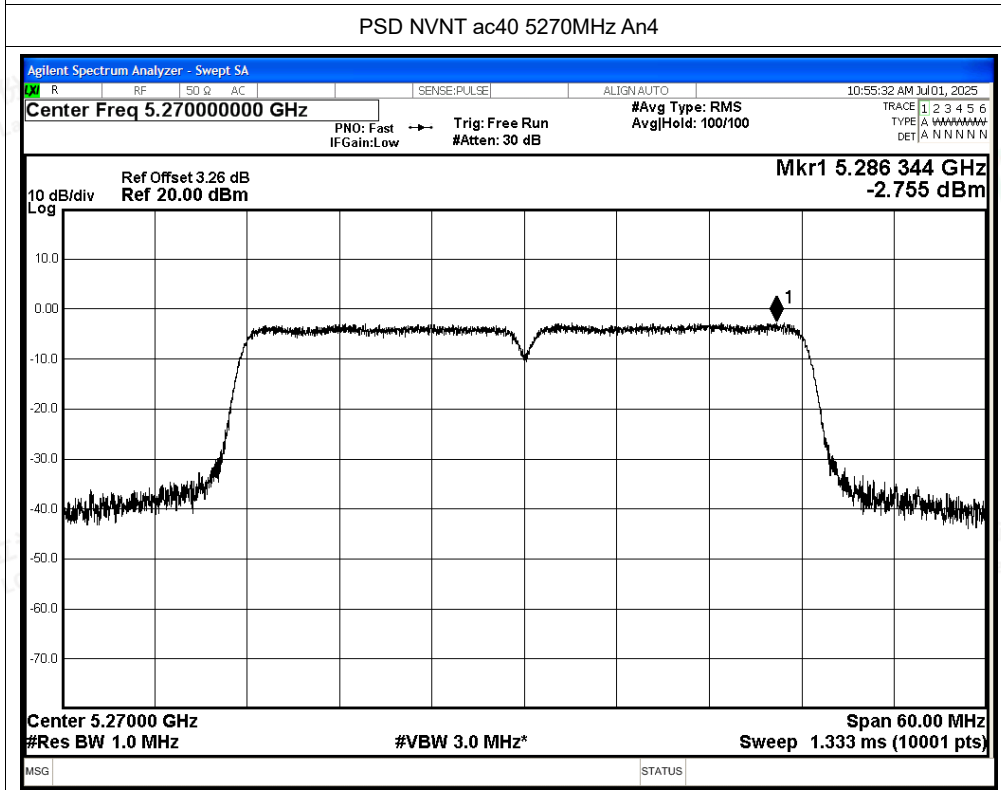
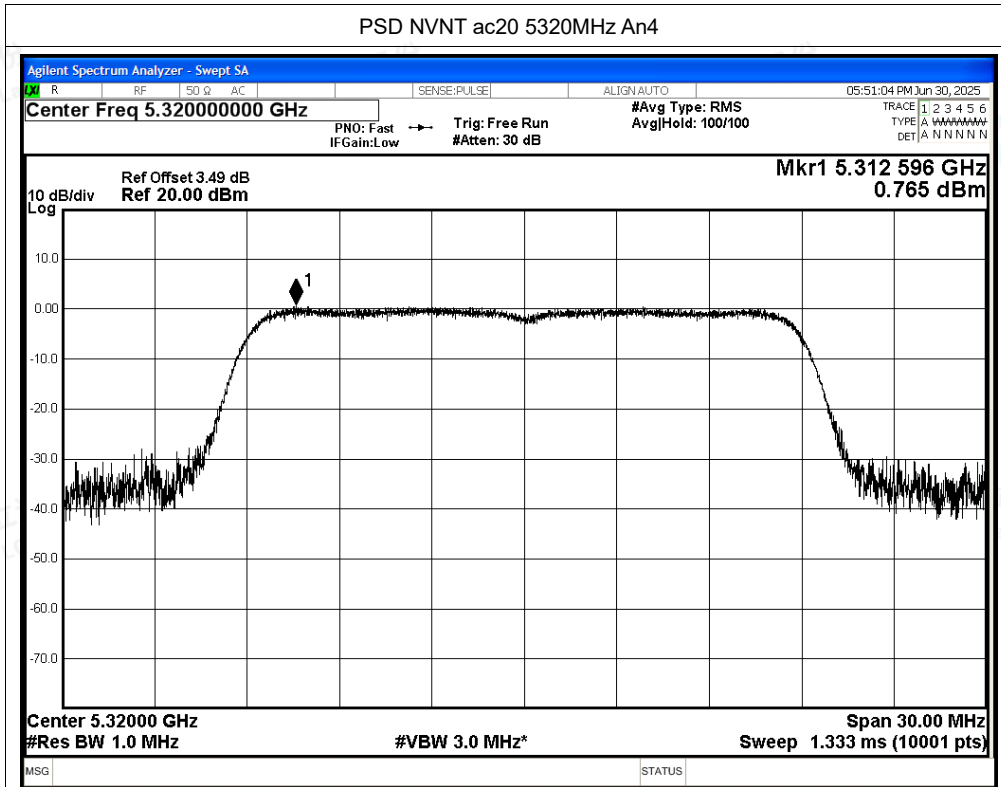


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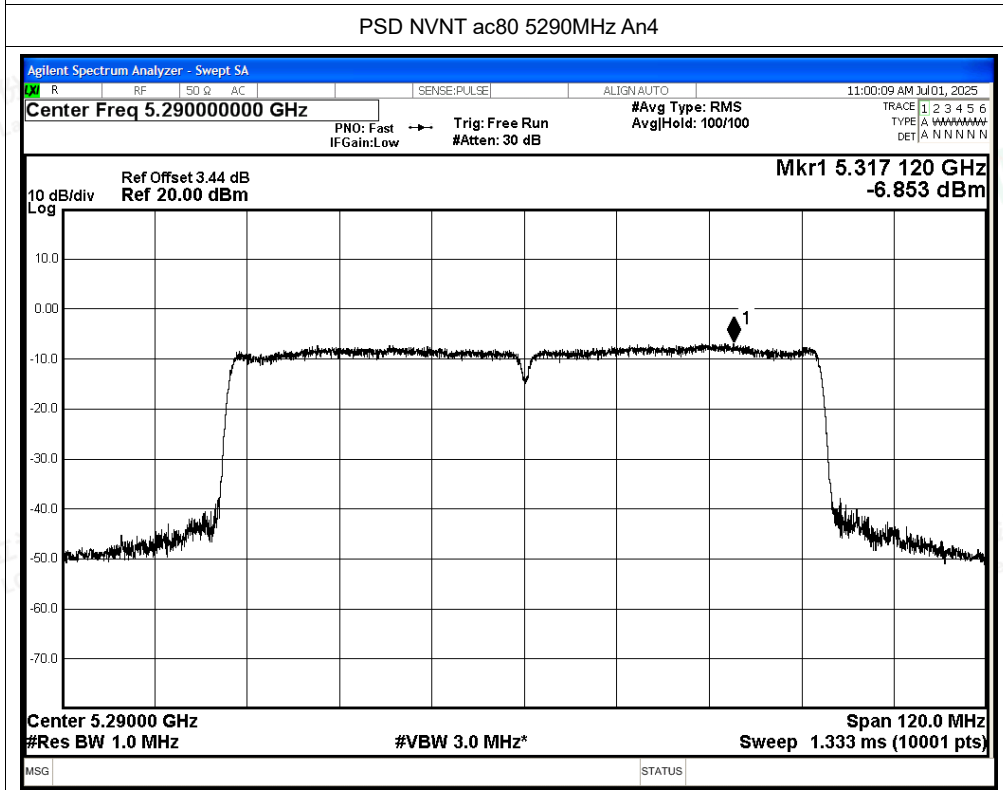
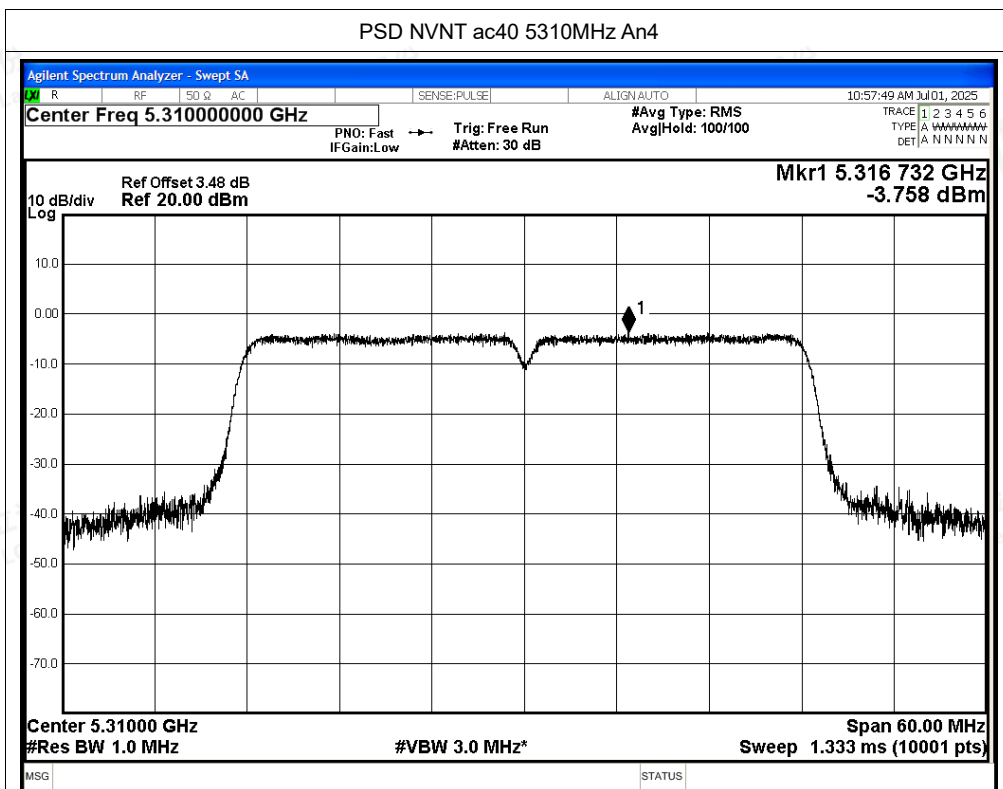


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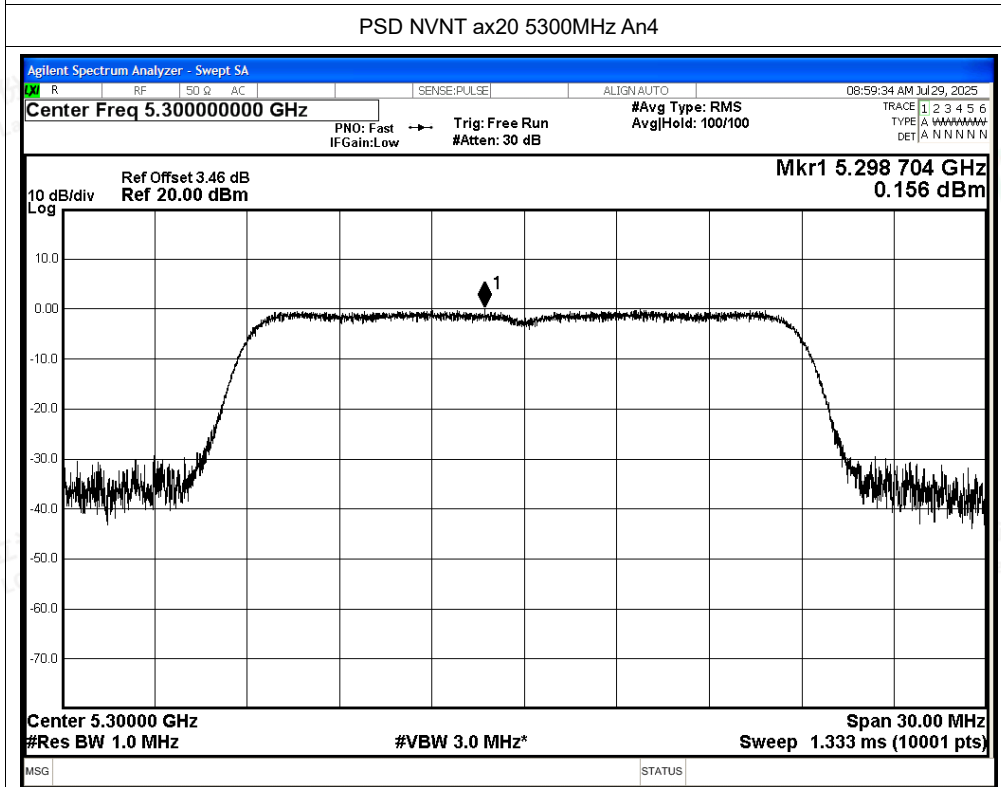
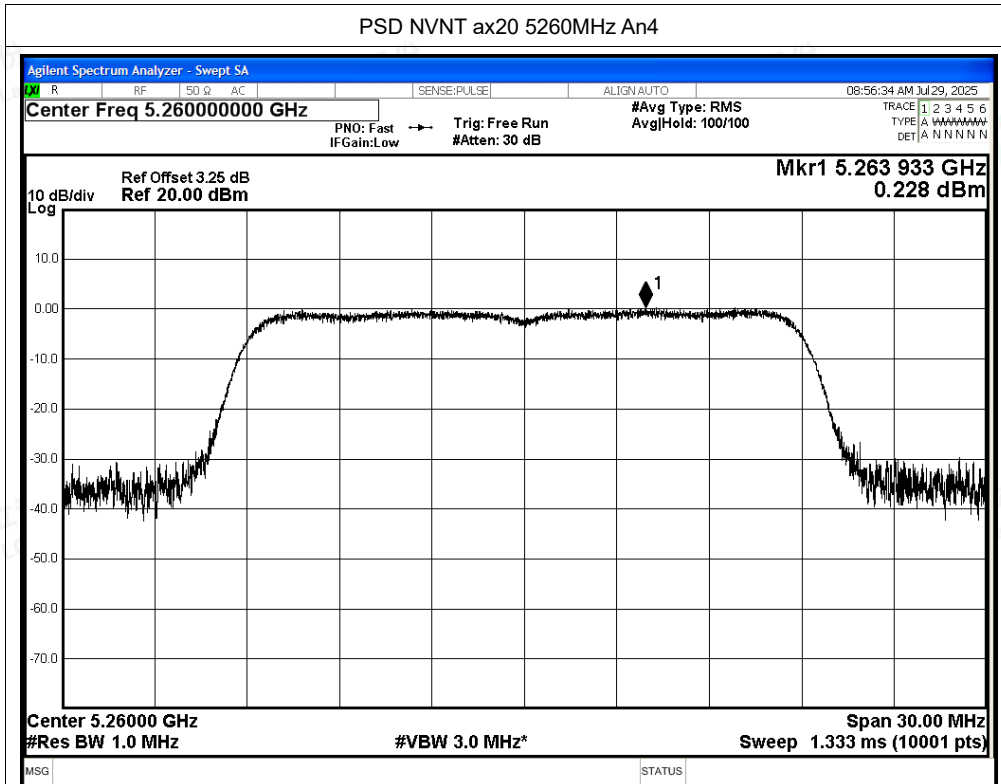


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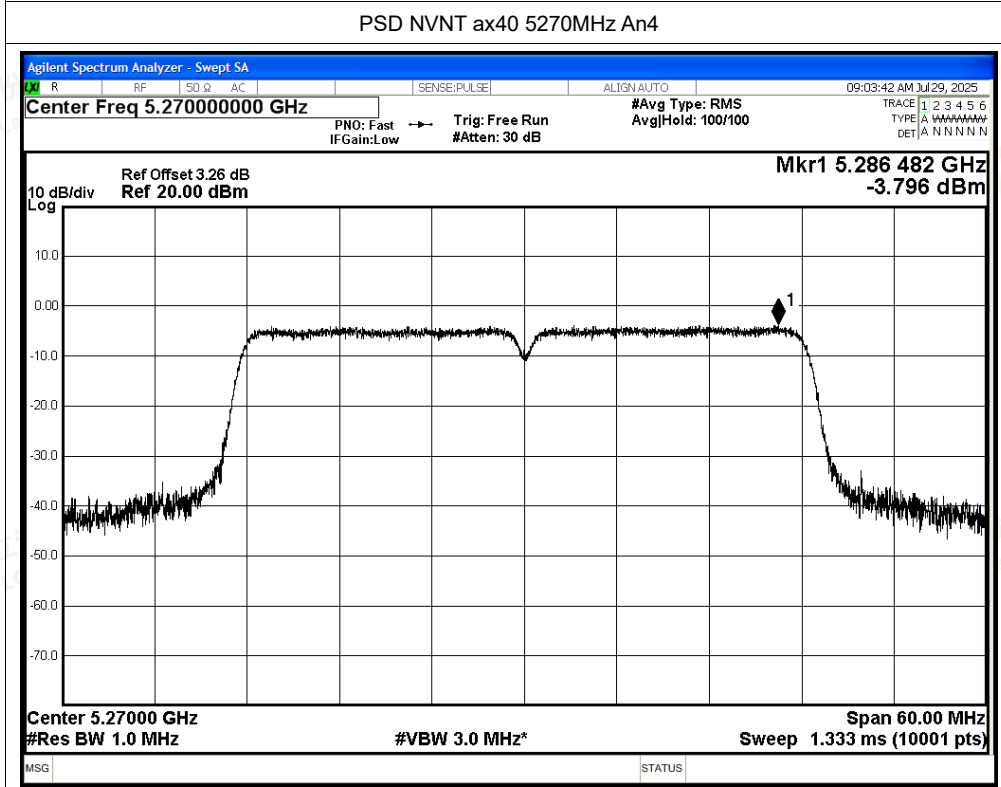
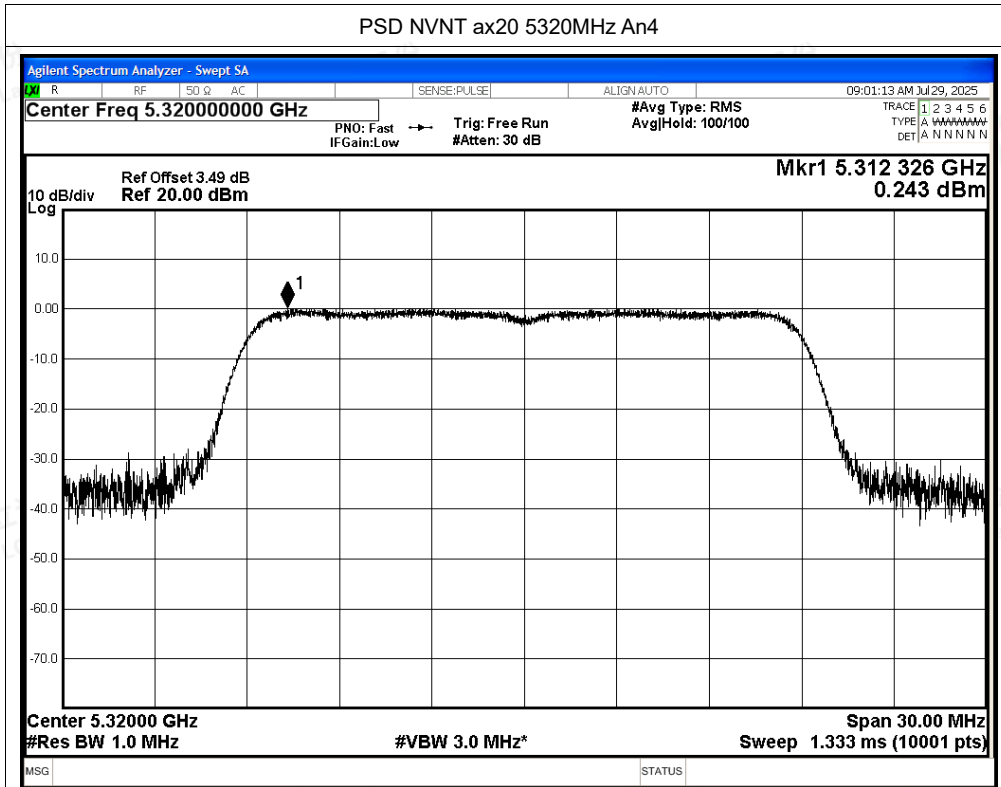


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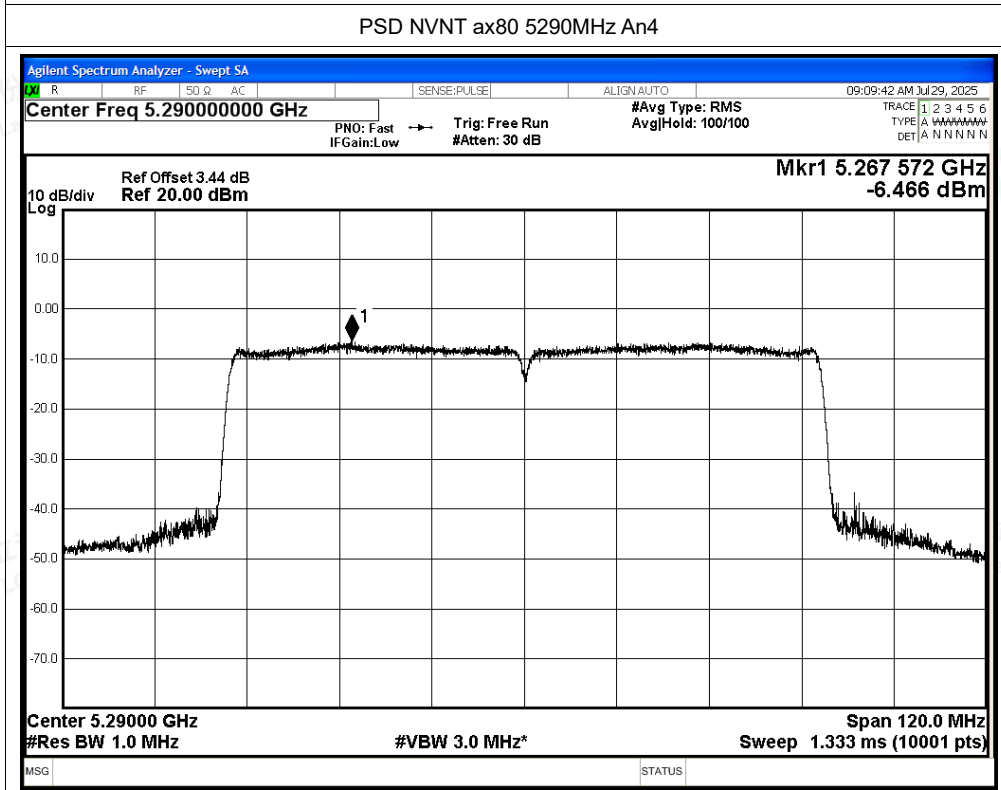
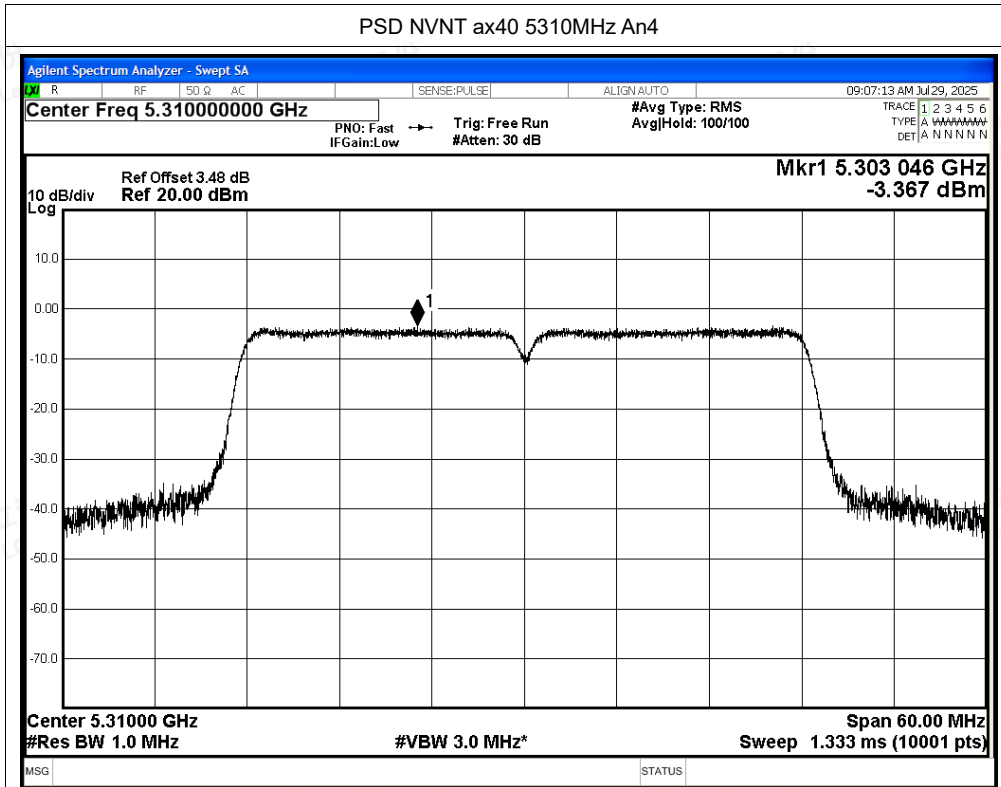


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E.4 Restrict Band

Test Model: E1M-L156Y

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	Ant1	4500	-51.2	2.57	-	46.60	Peak	68.2	Pass
NVNT	a	5260	Ant1	4500	-58.88	2.57	0.24	39.16	Average	54	Pass
NVNT	a	5260	Ant1	5044.44	-46.16	2.57	-	51.64	Peak	68.2	Pass
NVNT	a	5260	Ant1	5019.48	-56.59	2.57	0.24	41.45	Average	54	Pass
NVNT	a	5260	Ant1	5150	-48.8	2.57	-	49.00	Peak	68.2	Pass
NVNT	a	5260	Ant1	5150	-57.39	2.57	0.24	40.65	Average	54	Pass
NVNT	a	5320	Ant1	5350	-46.52	2.57	-	51.28	Peak	68.2	Pass
NVNT	a	5320	Ant1	5350	-56.58	2.57	0.24	41.46	Average	54	Pass
NVNT	a	5320	Ant1	5351.6	-45.3	2.57	-	52.50	Peak	68.2	Pass
NVNT	a	5320	Ant1	5353	-56.39	2.57	0.24	41.65	Average	54	Pass
NVNT	a	5320	Ant1	5460	-49.68	2.57	-	48.12	Peak	68.2	Pass
NVNT	a	5320	Ant1	5460	-57.81	2.57	0.24	40.23	Average	54	Pass
NVNT	n20	5260	Ant1	4500	-51.02	2.57	-	46.78	Peak	68.2	Pass
NVNT	n20	5260	Ant1	4500	-58.35	2.57	0.12	39.57	Average	54	Pass
NVNT	n20	5260	Ant1	4971.9	-46.44	2.57	-	51.36	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5050.68	-56.51	2.57	0.12	41.41	Average	54	Pass
NVNT	n20	5260	Ant1	5150	-49.5	2.57	-	48.30	Peak	68.2	Pass
NVNT	n20	5260	Ant1	5150	-57.03	2.57	0.12	40.89	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-44.04	2.57	-	53.76	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5350	-56.07	2.57	0.12	41.85	Average	54	Pass
NVNT	n20	5320	Ant1	5350	-44.04	2.57	-	53.76	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5351	-55.54	2.57	0.12	42.38	Average	54	Pass
NVNT	n20	5320	Ant1	5460	-48.67	2.57	-	49.13	Peak	68.2	Pass
NVNT	n20	5320	Ant1	5460	-57.69	2.57	0.12	40.23	Average	54	Pass
NVNT	n40	5270	Ant1	4500	-51.48	2.57	-	46.32	Peak	68.2	Pass
NVNT	n40	5270	Ant1	4500	-58.59	2.57	0.24	39.45	Average	54	Pass
NVNT	n40	5270	Ant1	4977.9	-46.72	2.57	-	51.08	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5092.92	-56.4	2.57	0.24	41.64	Average	54	Pass
NVNT	n40	5270	Ant1	5150	-47.89	2.57	-	49.91	Peak	68.2	Pass
NVNT	n40	5270	Ant1	5150	-57.25	2.57	0.24	40.79	Average	54	Pass
NVNT	n40	5310	Ant1	5350	-47.01	2.57	-	50.79	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5350	-56.1	2.57	0.24	41.94	Average	54	Pass
NVNT	n40	5310	Ant1	5350.4	-40.3	2.57	-	57.50	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5351.6	-55.61	2.57	0.24	42.43	Average	54	Pass
NVNT	n40	5310	Ant1	5460	-49.95	2.57	-	47.85	Peak	68.2	Pass
NVNT	n40	5310	Ant1	5460	-57.67	2.57	0.24	40.37	Average	54	Pass
NVNT	ac20	5260	Ant1	4500	-49.8	2.57	-	48.00	Peak	68.2	Pass



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NVNT	ac20	5260	Ant1	4500	-58.46	2.57	0.12	39.46	Average	54	Pass
NVNT	ac20	5260	Ant1	4616.22	-46.34	2.57	-	51.46	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5096.7	-56.69	2.57	0.12	41.23	Average	54	Pass
NVNT	ac20	5260	Ant1	5150	-47.75	2.57	-	50.05	Peak	68.2	Pass
NVNT	ac20	5260	Ant1	5150	-57.06	2.57	0.12	40.86	Average	54	Pass
NVNT	ac20	5320	Ant1	5350	-47.4	2.57	-	50.40	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350	-54.87	2.57	0.12	43.05	Average	54	Pass
NVNT	ac20	5320	Ant1	5351	-43.15	2.57	-	54.65	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5350	-54.87	2.57	0.12	43.05	Average	54	Pass
NVNT	ac20	5320	Ant1	5460	-49.61	2.57	-	48.19	Peak	68.2	Pass
NVNT	ac20	5320	Ant1	5460	-57.77	2.57	0.12	40.15	Average	54	Pass
NVNT	ac40	5270	Ant1	4500	-49.78	2.57	-	48.02	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	4500	-58.45	2.57	0.24	39.59	Average	54	Pass
NVNT	ac40	5270	Ant1	5131.8	-45.58	2.57	-	52.22	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5041.08	-56.63	2.57	0.24	41.41	Average	54	Pass
NVNT	ac40	5270	Ant1	5150	-49.18	2.57	-	48.62	Peak	68.2	Pass
NVNT	ac40	5270	Ant1	5150	-57.83	2.57	0.24	40.21	Average	54	Pass
NVNT	ac40	5310	Ant1	5350	-41.96	2.57	-	55.84	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350	-56.15	2.57	0.24	41.89	Average	54	Pass
NVNT	ac40	5310	Ant1	5350.6	-40.33	2.57	-	57.47	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5350.4	-55.57	2.57	0.24	42.47	Average	54	Pass
NVNT	ac40	5310	Ant1	5460	-50.11	2.57	-	47.69	Peak	68.2	Pass
NVNT	ac40	5310	Ant1	5460	-57.83	2.57	0.24	40.21	Average	54	Pass
NVNT	ac80	5290	Ant1	4500	-49.87	2.57	-	47.93	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	4500	-58.3	2.57	0.47	39.97	Average	54	Pass
NVNT	ac80	5290	Ant1	5146.41	-45.52	2.57	-	52.28	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5148.15	-55.15	2.57	0.47	43.12	Average	54	Pass
NVNT	ac80	5290	Ant1	5150	-48.16	2.57	-	49.64	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5150	-55.9	2.57	0.47	42.37	Average	54	Pass
NVNT	ac80	5290	Ant1	5350	-47.27	2.57	-	50.53	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5350	-56.09	2.57	0.47	42.18	Average	54	Pass
NVNT	ac80	5290	Ant1	5356	-43.21	2.57	-	54.59	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5351	-55.45	2.57	0.47	42.82	Average	54	Pass
NVNT	ac80	5290	Ant1	5460	-49.04	2.57	-	48.76	Peak	68.2	Pass
NVNT	ac80	5290	Ant1	5460	-57.48	2.57	0.47	40.79	Average	54	Pass



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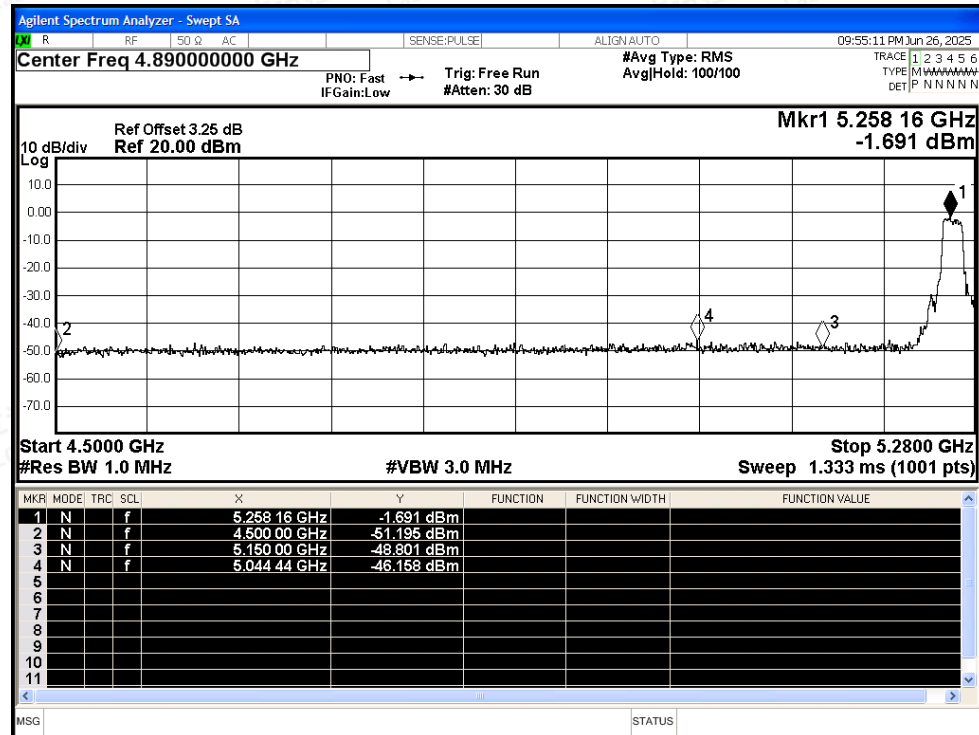
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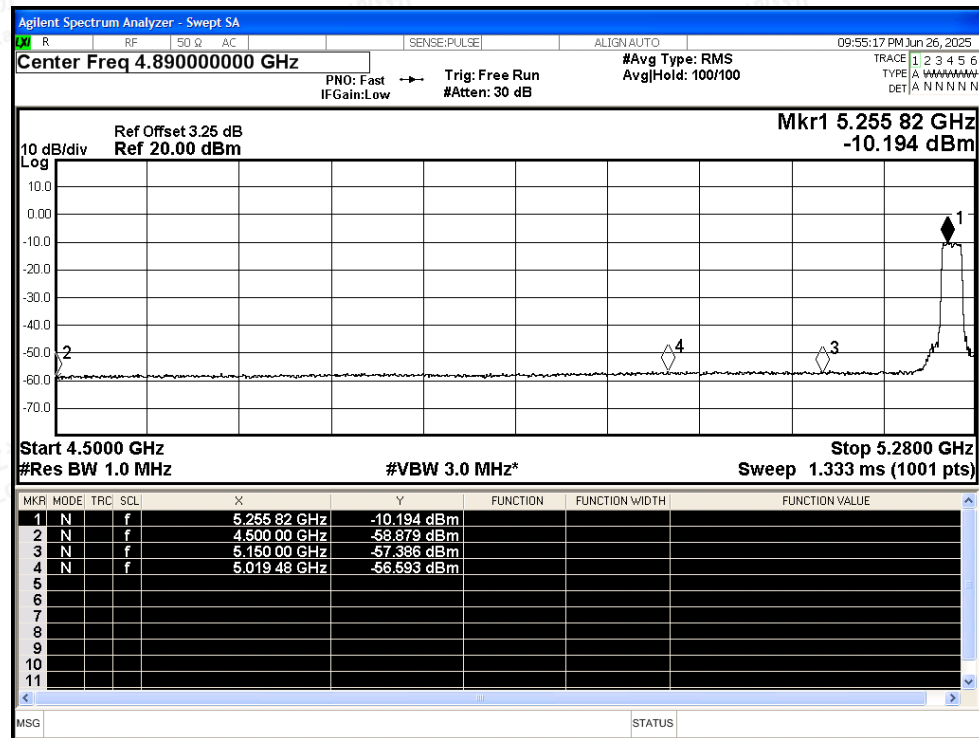


Test Graphs

Restrict Band NVNT a 5260MHz Ant1 Peak



Restrict Band NVNT a 5260MHz Ant1 Average



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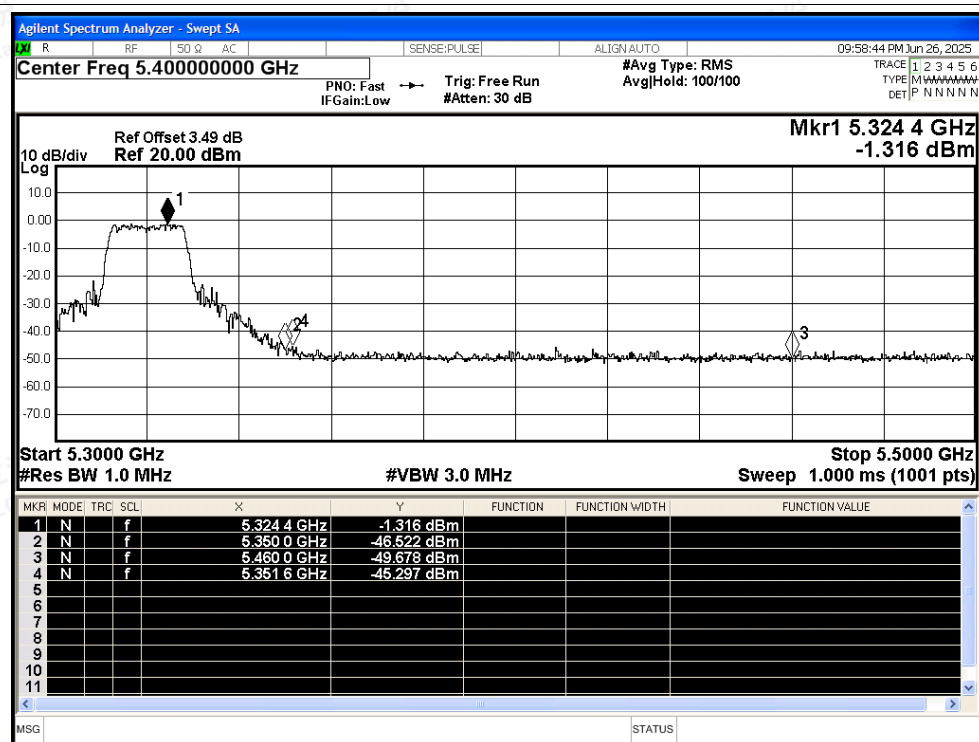
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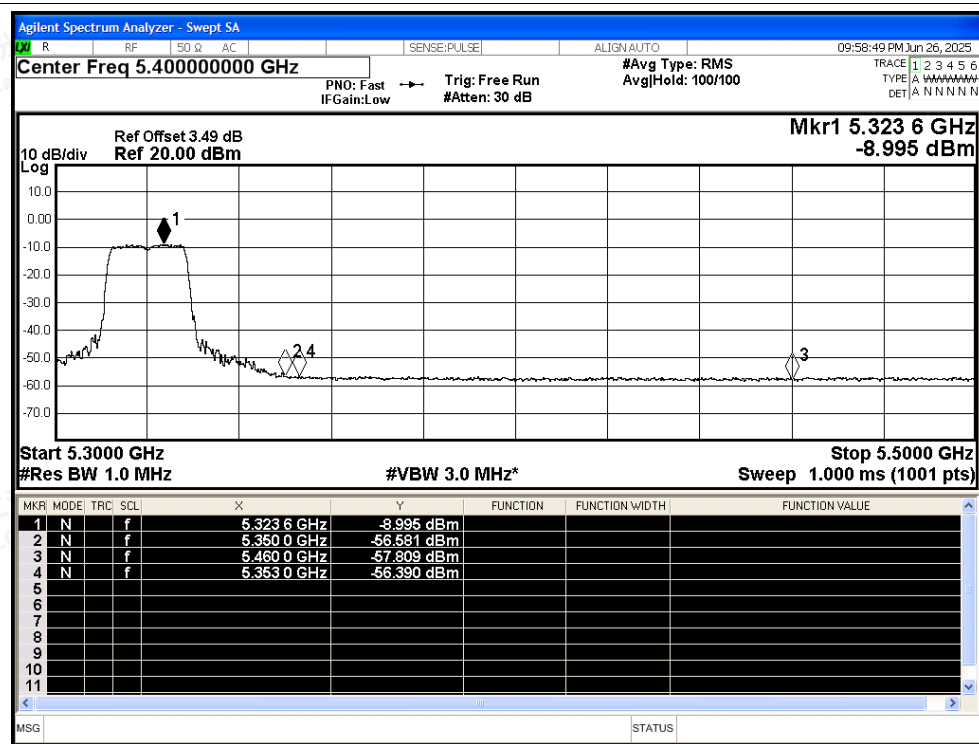
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Restrict Band NVNT a 5320MHz Ant1 Peak



Restrict Band NVNT a 5320MHz Ant1 Average



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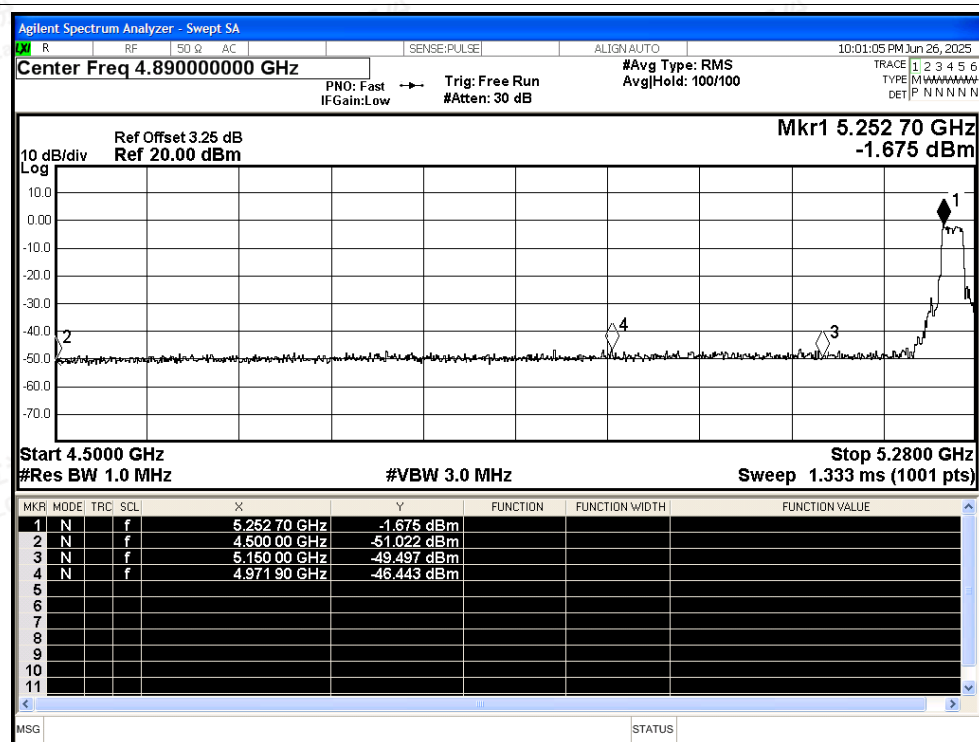
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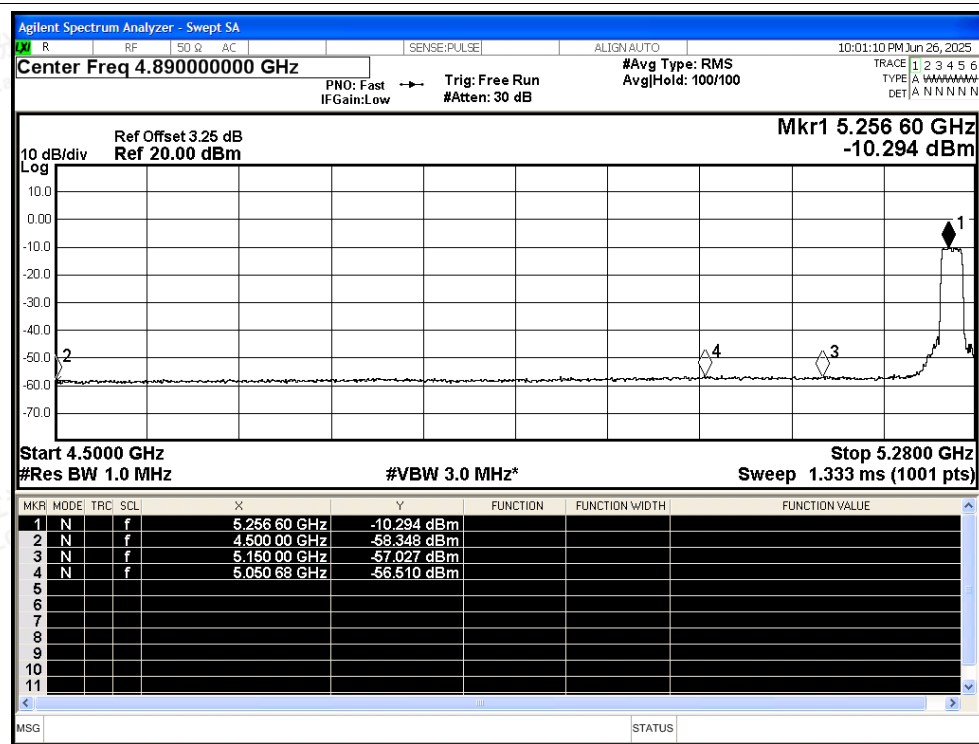
Scan code to check authenticity



Restrict Band NVNT n20 5260MHz Ant1 Peak



Restrict Band NVNT n20 5260MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

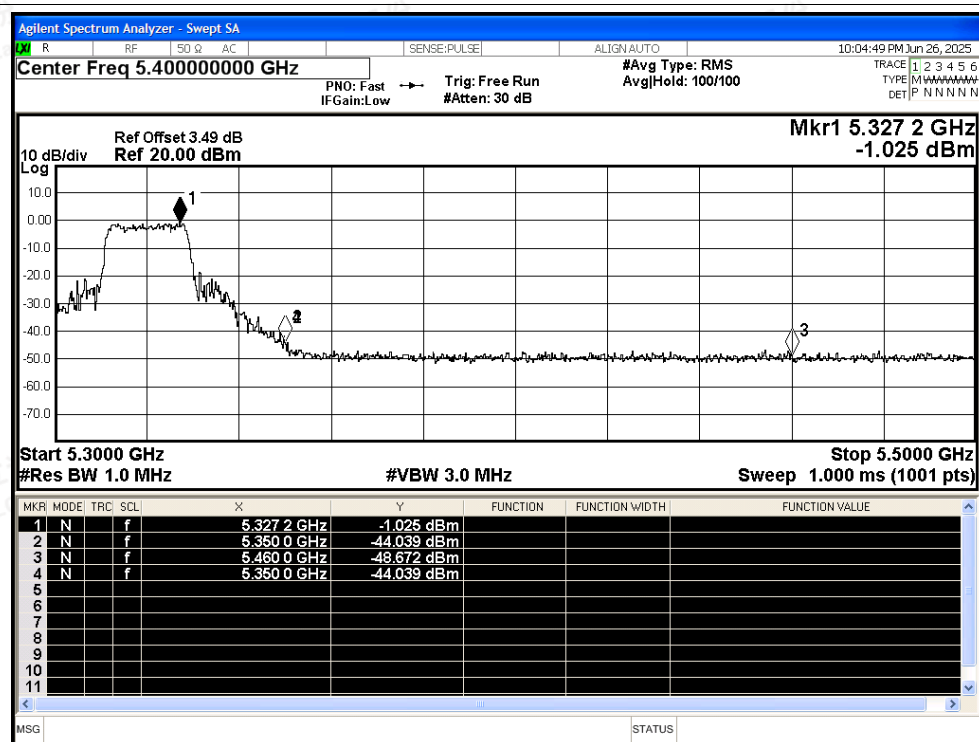
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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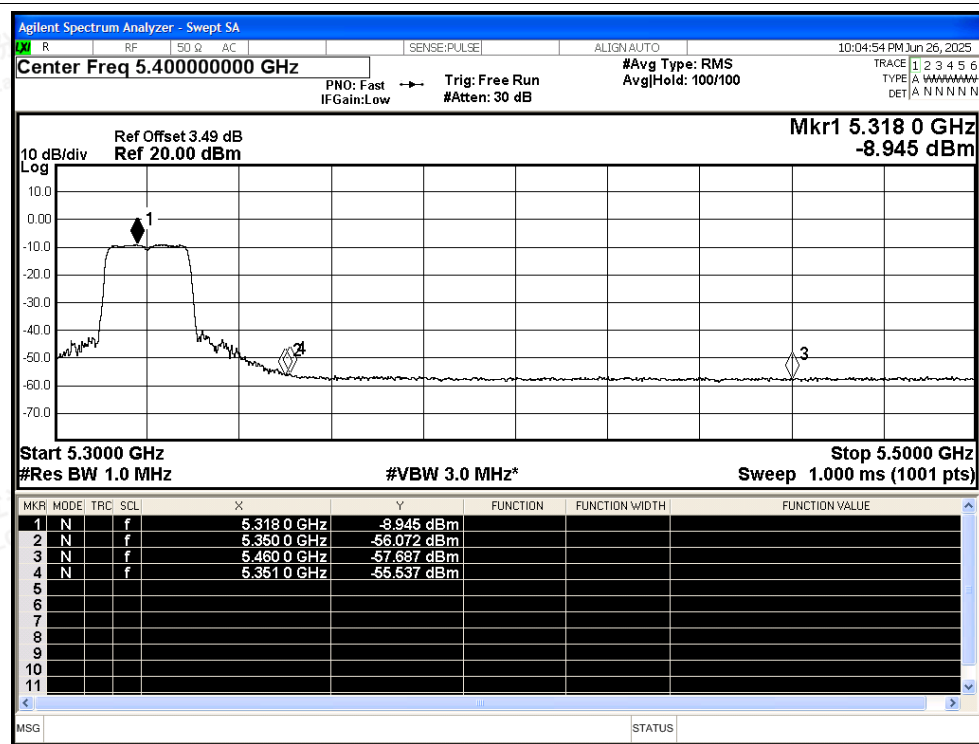
Scan code to check authenticity



Restrict Band NVNT n20 5320MHz Ant1 Peak



Restrict Band NVNT n20 5320MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

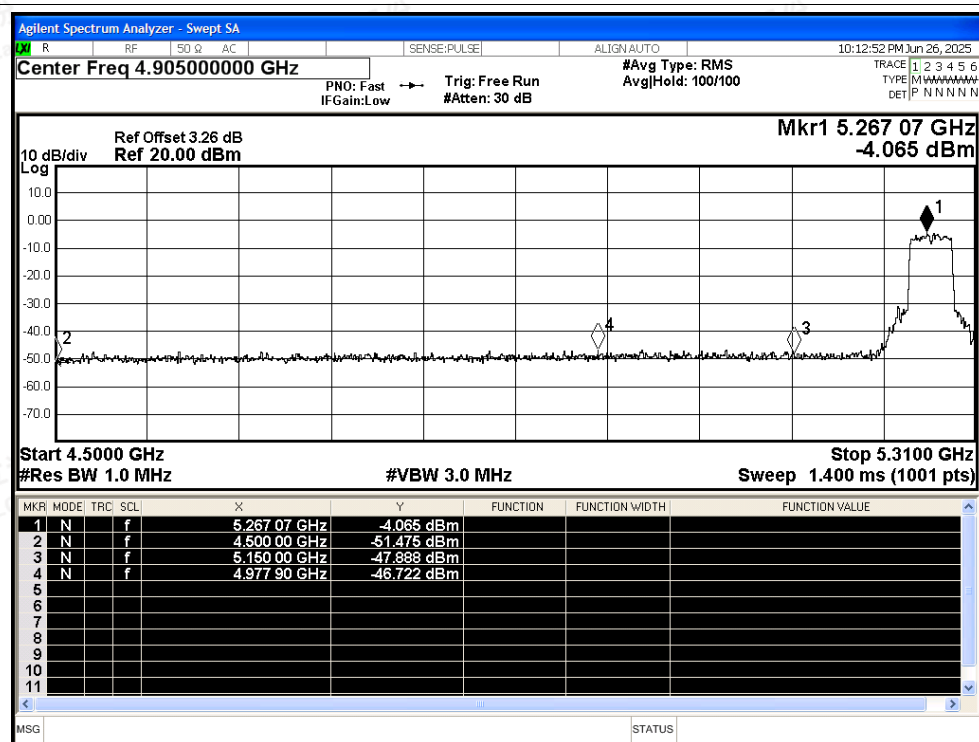
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

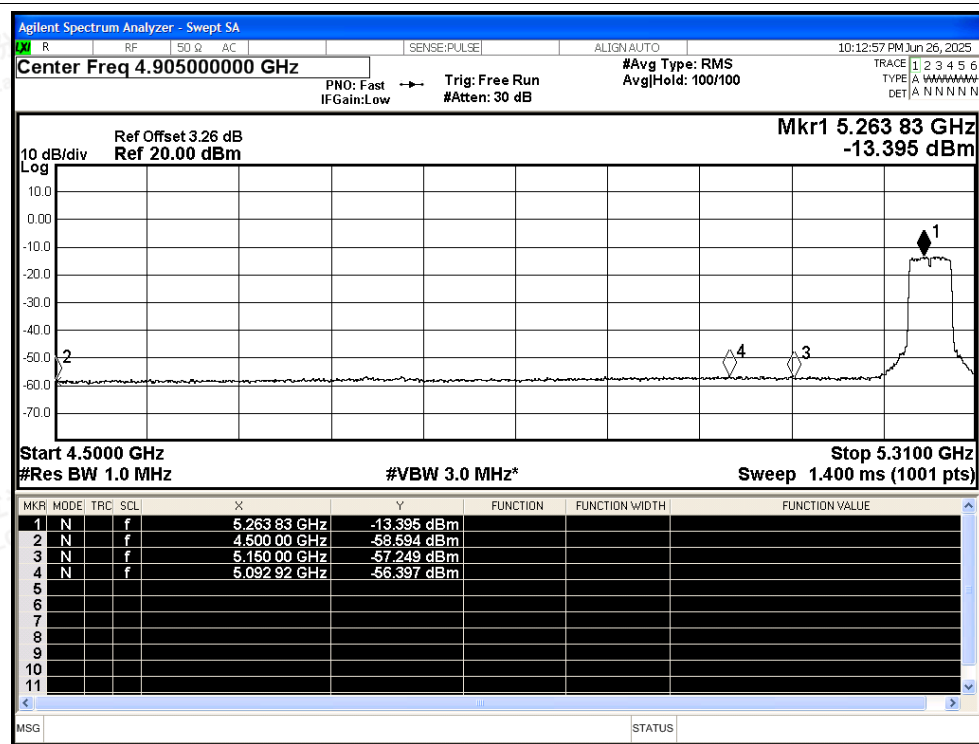
Scan code to check authenticity



Restrict Band NVNT n40 5270MHz Ant1 Peak



Restrict Band NVNT n40 5270MHz Ant1 Average



Shenzhen LCS Compliance Testing Laboratory Ltd.

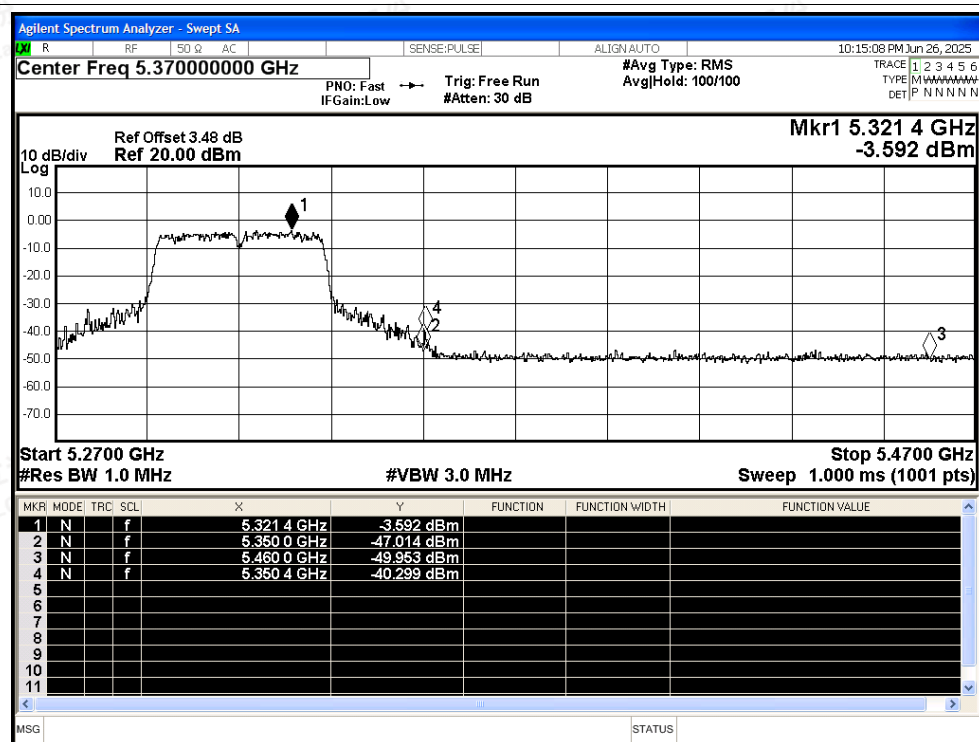
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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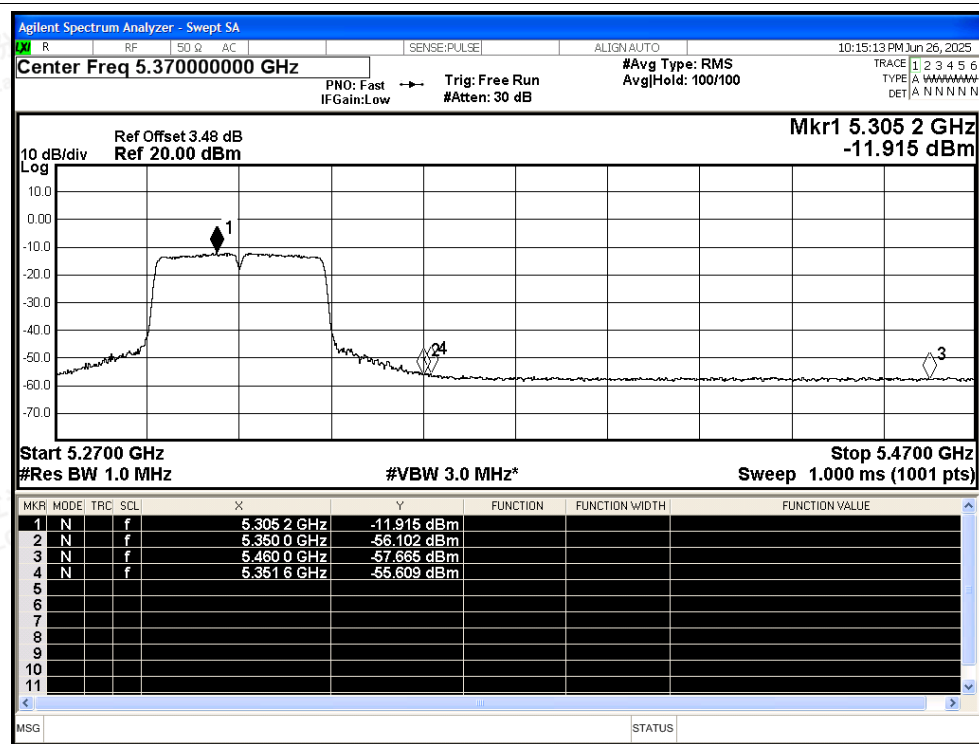
Scan code to check authenticity



Restrict Band NVNT n40 5310MHz Ant1 Peak



Restrict Band NVNT n40 5310MHz Ant1 Average



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