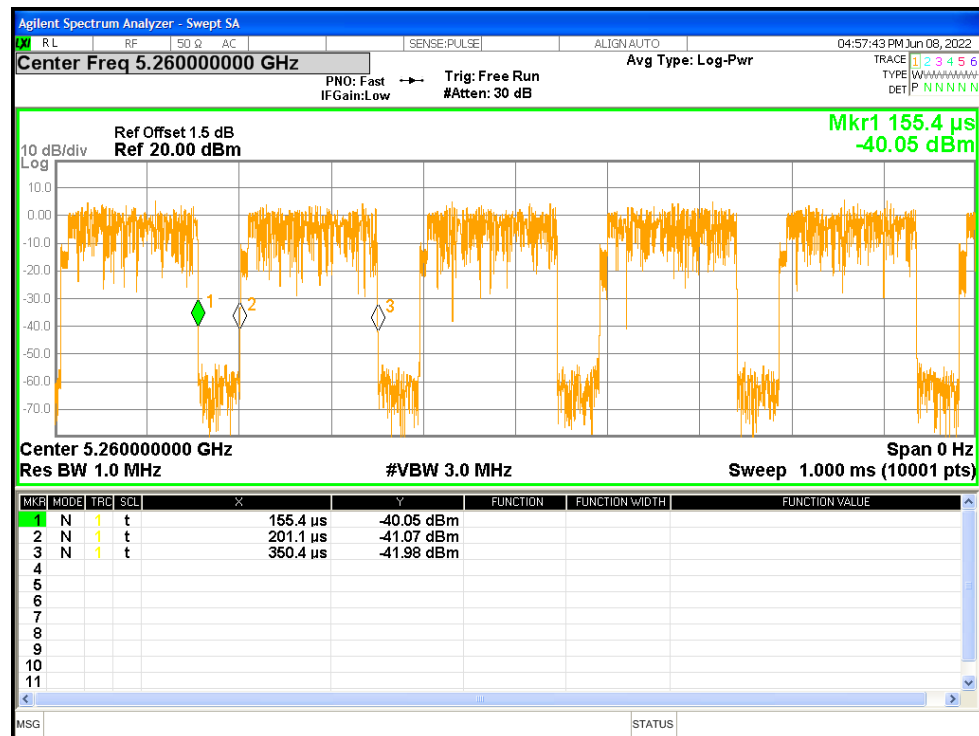


Duty Cycle

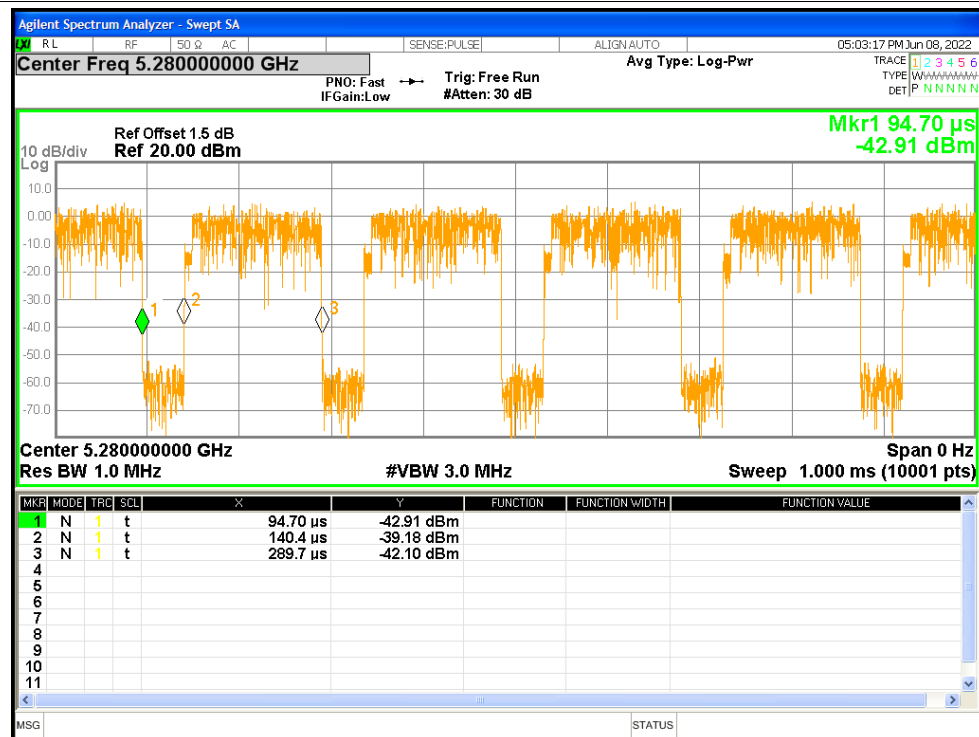
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5260	76.56	1.16	6.7
NVNT	a	5280	76.56	1.16	6.7
NVNT	a	5320	76.26	1.18	6.69
NVNT	n20	5260	79.05	1.02	5.64
NVNT	n20	5280	79.12	1.02	5.64
NVNT	n20	5320	78.93	1.03	5.64
NVNT	n40	5270	79.53	0.99	5.52
NVNT	n40	5310	79.4	1	5.52
NVNT	ac20	5260	77.93	1.08	6.05
NVNT	ac20	5280	77.87	1.09	6.05
NVNT	ac20	5320	77.97	1.08	6.05
NVNT	ac40	5270	77.11	1.13	6.36
NVNT	ac40	5310	77.21	1.12	6.36
NVNT	ac80	5290	77.76	1.09	6.06
NVNT	ac160	5250	77.78	1.09	6.05
NVNT	ax160	5250	77.61	1.1	6.11
NVNT	ax20	5260	84.66	0.72	3.86
NVNT	ax20	5280	84.3	0.74	3.86
NVNT	ax20	5320	84.58	0.73	3.86
NVNT	ax40	5270	79.04	1.02	5.64
NVNT	ax40	5310	78.48	1.05	5.64
NVNT	ax80	5290	77.47	1.11	6.11

Test Graphs

Duty Cycle NVNT a 5260MHz

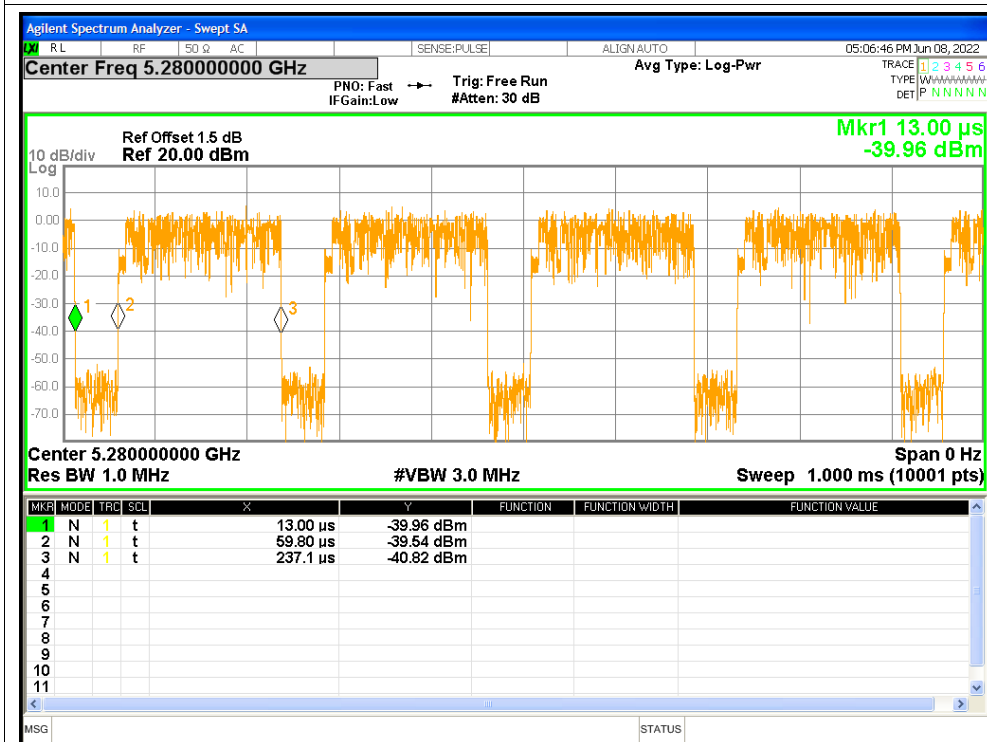


Duty Cycle NVNT a 5280MHz

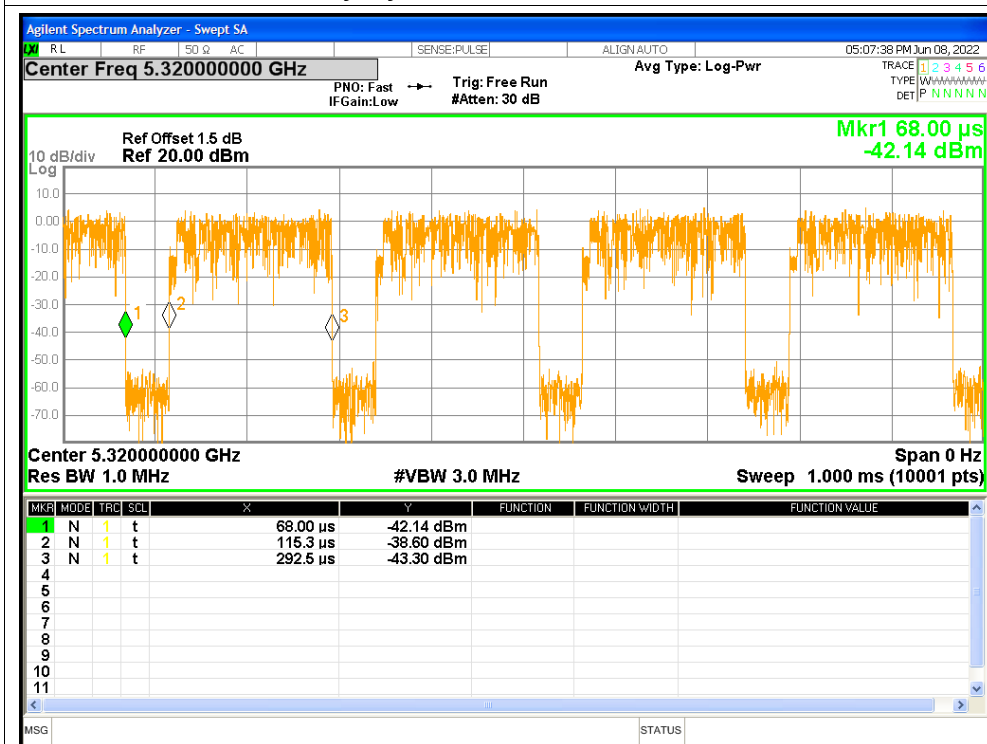


Duty Cycle NVNT a 5320MHz

Duty Cycle NVNT n20 5280MHz



Duty Cycle NVNT n20 5320MHz



Duty Cycle NVNT n40 5270MHz

Duty Cycle NVNT ac20 5260MHz

Duty Cycle NVNT ac20 5320MHz

Duty Cycle NVNT ac40 5310MHz

Duty Cycle NVNT ac160 5250MHz

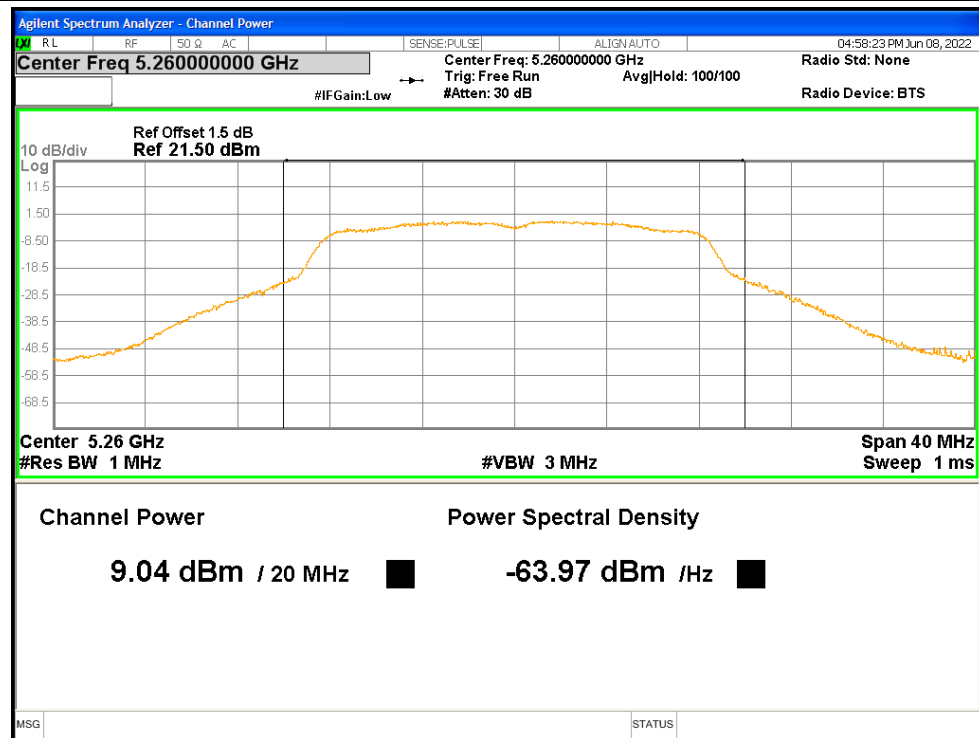
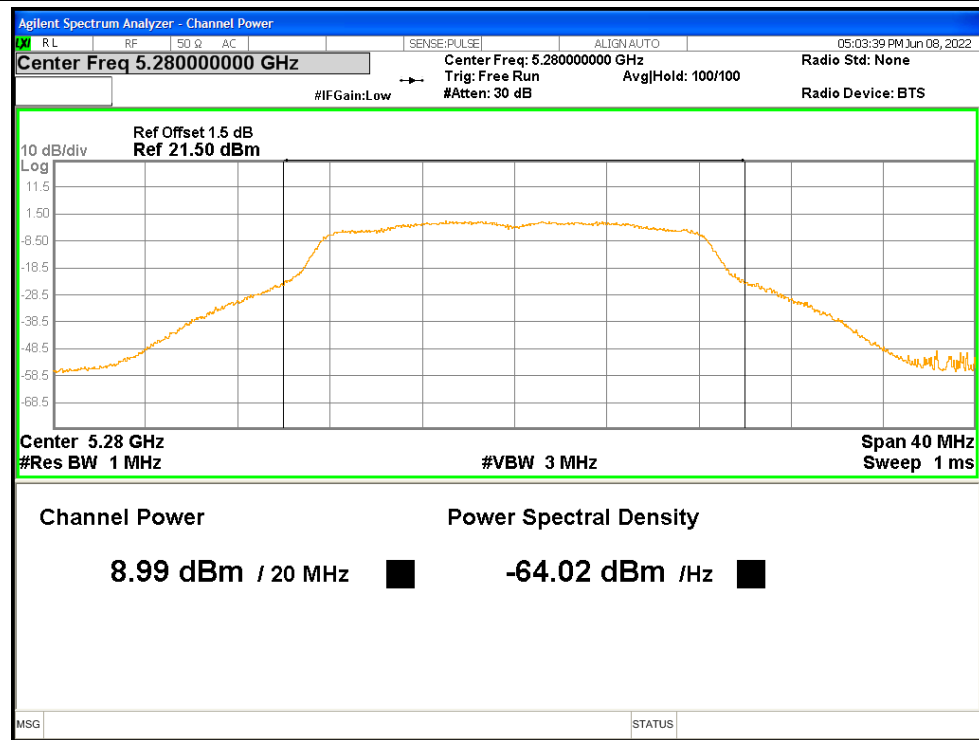
Duty Cycle NVNT ax20 5260MHz

Duty Cycle NVNT ax20 5320MHz

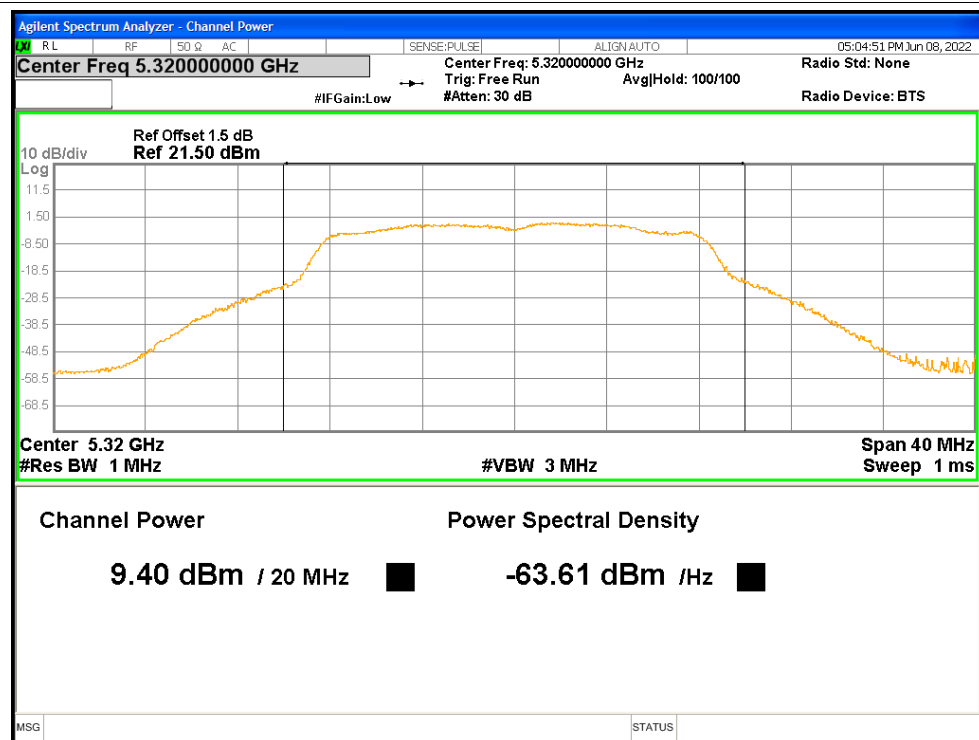
Duty Cycle NVNT ax40 5310MHz

Maximum Conducted Output Power

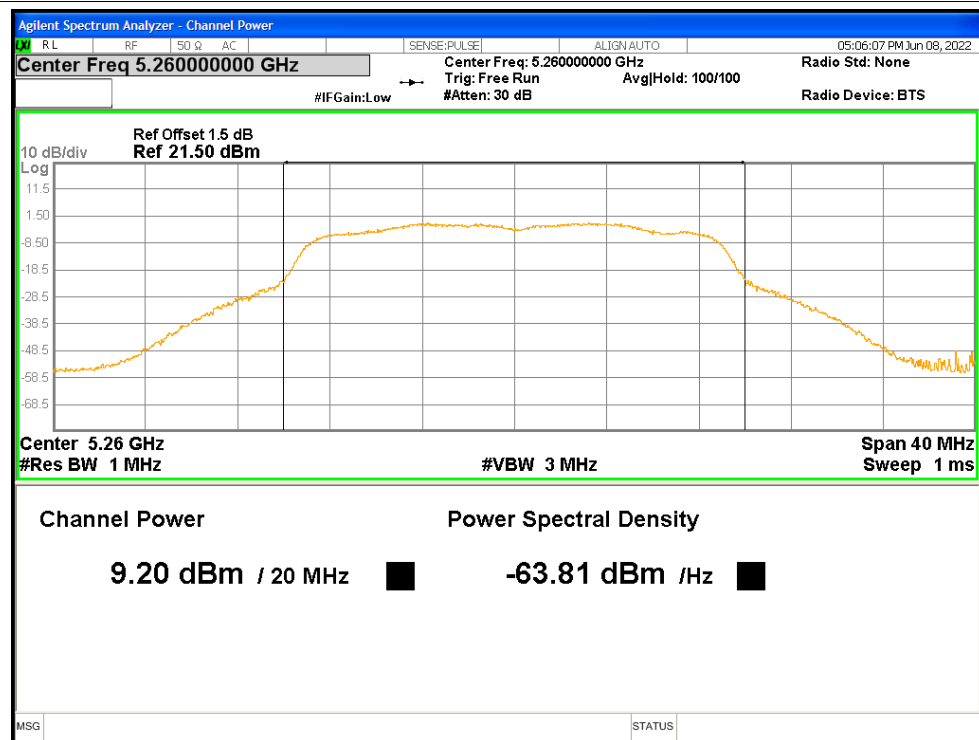
Band II(5.25-5.35GHz)								
Test Channel	Frequency (MHz)	Direct measurement Ant_A AV Power (dBm)	Direct measurement Ant B_AV Power (dBm)	Duty cycle factor (dB)	Final Ant_A AV Power (dBm)	Final Ant_B AV Power (dBm)	AV Power Total (dBm)	LIMIT (dBm)
802.11a								
52	5260	9.04	8.59	1.16	10.20	9.75	--	23.98
60	5300	8.99	8.67	1.16	10.15	9.83	--	23.98
64	5320	9.4	8.88	1.18	10.58	10.06	--	23.98
802.11n(HT20)								
52	5260	9.2	8.64	1.02	10.22	9.66	12.96	23.98
60	5300	9.14	8.69	1.02	10.16	9.71	12.95	23.98
64	5320	9.5	8.71	1.03	10.53	9.74	13.16	23.98
802.11n(HT40)								
54	5270	9.61	8.88	0.99	10.60	9.87	13.26	23.98
62	5310	9.78	9.23	1	10.78	10.23	13.52	23.98
802.11ac(VHT20)								
52	5260	9.07	8.59	1.08	10.15	9.67	12.93	23.98
60	5300	9.06	8.67	1.09	10.15	9.76	12.97	23.98
64	5320	9.43	8.95	1.08	10.51	10.03	13.29	23.98
802.11ac(VHT40)								
54	5270	9.42	8.91	1.13	10.55	10.04	13.31	23.98
62	5310	9.6	9.2	1.12	10.72	10.32	13.53	23.98
802.11ac(VHT80)								
58	5290	9.31	8.92	1.09	10.40	10.01	13.22	23.98
802.11ac(VHT160)								
42	5250	9.88	9.39	1.09	10.97	10.48	13.74	23.98
802.11ax(HE20)								
52	5260	9.56	9.07	0.72	10.28	9.79	13.05	23.98
60	5300	9.61	9.19	0.74	10.35	9.93	13.16	23.98
64	5320	9.86	9.36	0.73	10.59	10.09	13.36	23.98
802.11ax(HE40)								
54	5270	9.32	8.73	1.02	10.34	9.75	13.07	23.98
62	5310	9.48	9.02	1.05	10.53	10.07	13.32	23.98
802.11ax(HE80)								
58	5290	9.09	8.58	1.11	10.20	9.69	12.96	23.98
802.11ax(HE160)								
42	5250	9.76	9.21	1.11	10.87	10.32	13.61	23.98

ANT_A**Test Graphs****Power NVNT a 5260MHz****Power NVNT a 5280MHz**

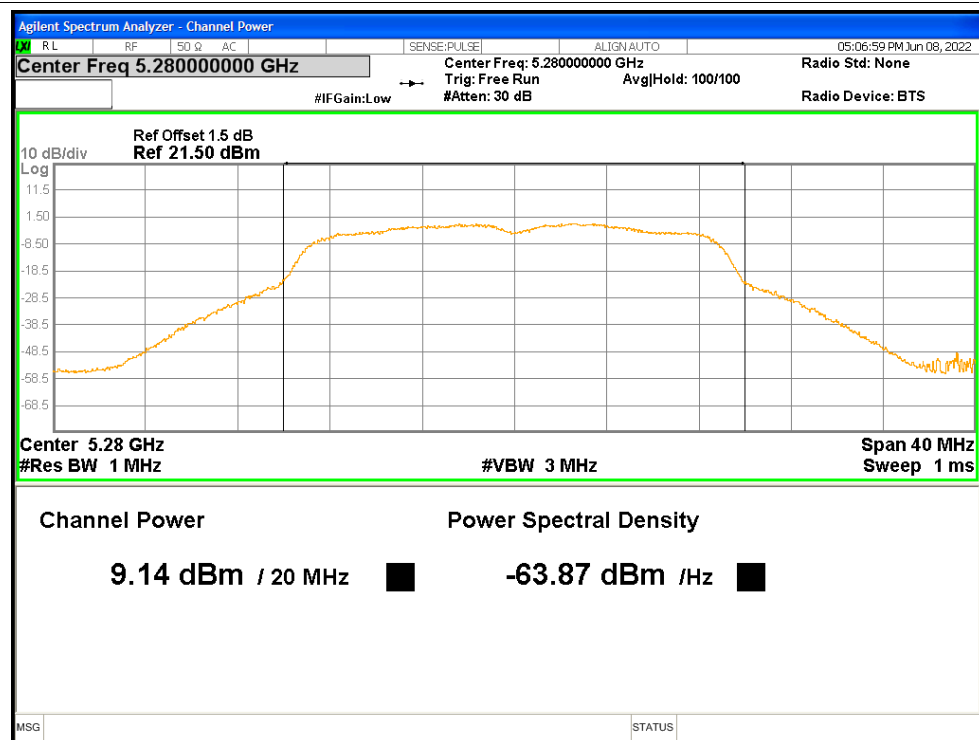
Power NVNT a 5320MHz



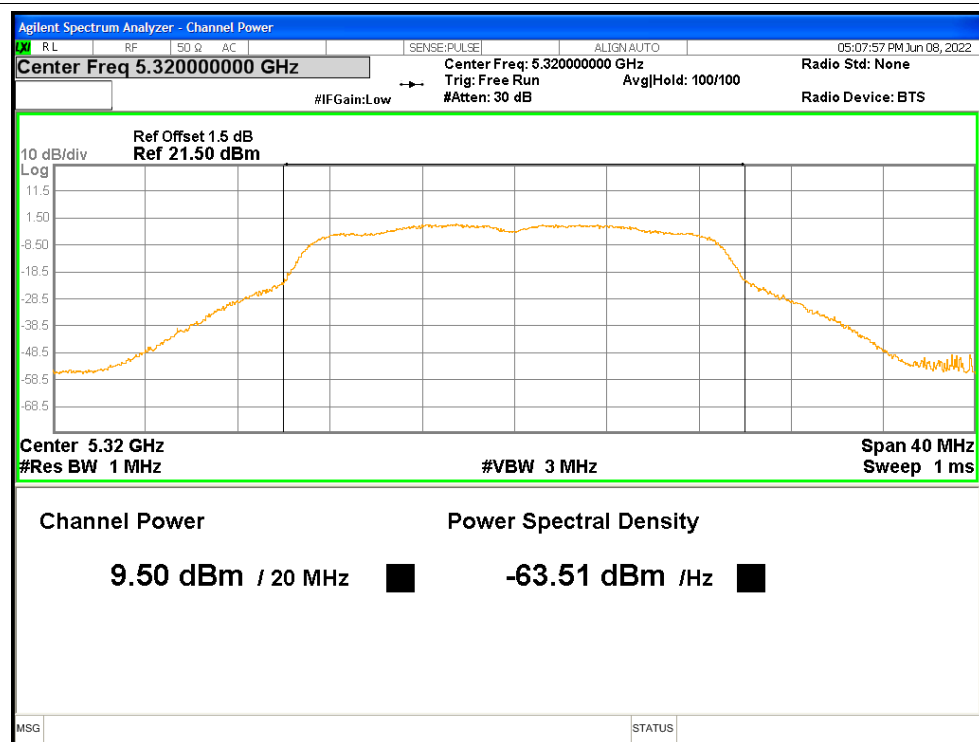
Power NVNT n20 5260MHz



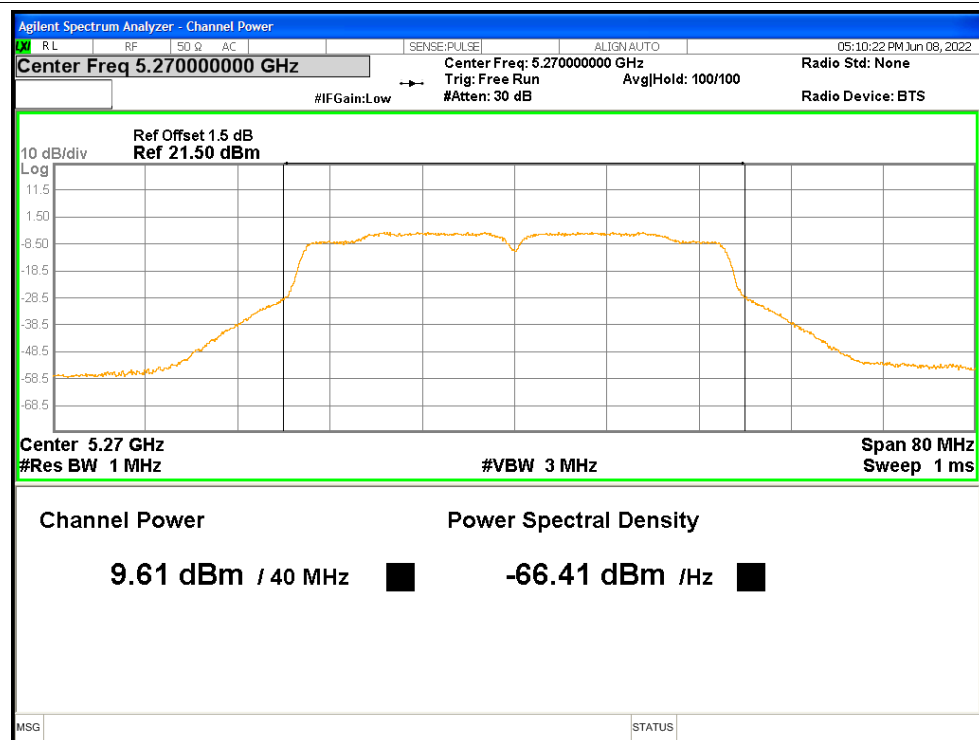
Power NVNT n20 5280MHz



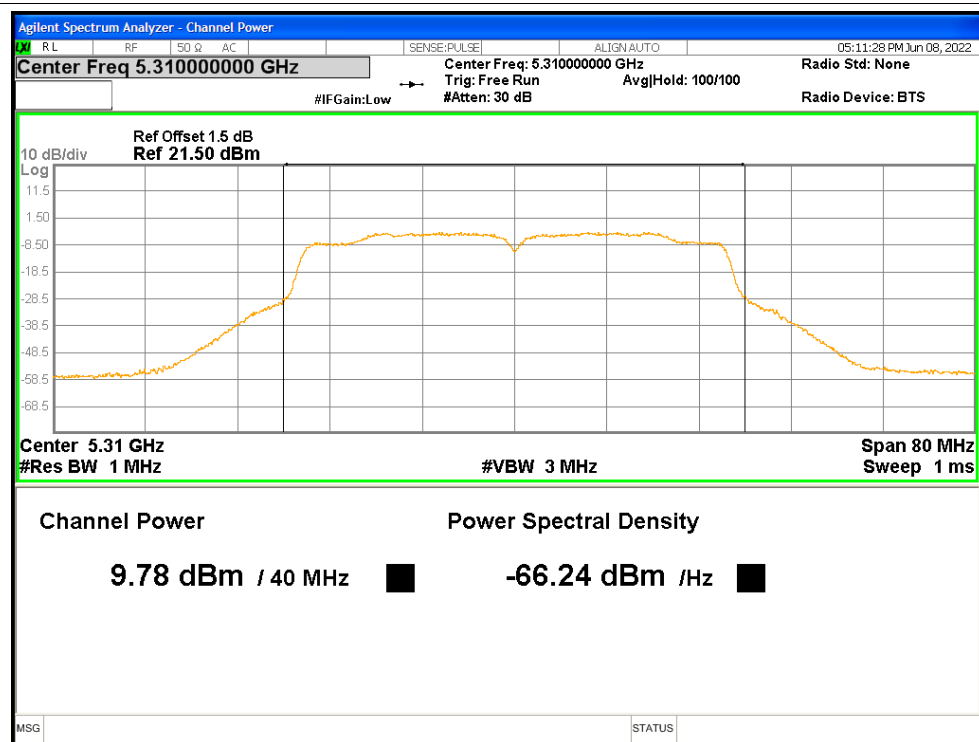
Power NVNT n20 5320MHz



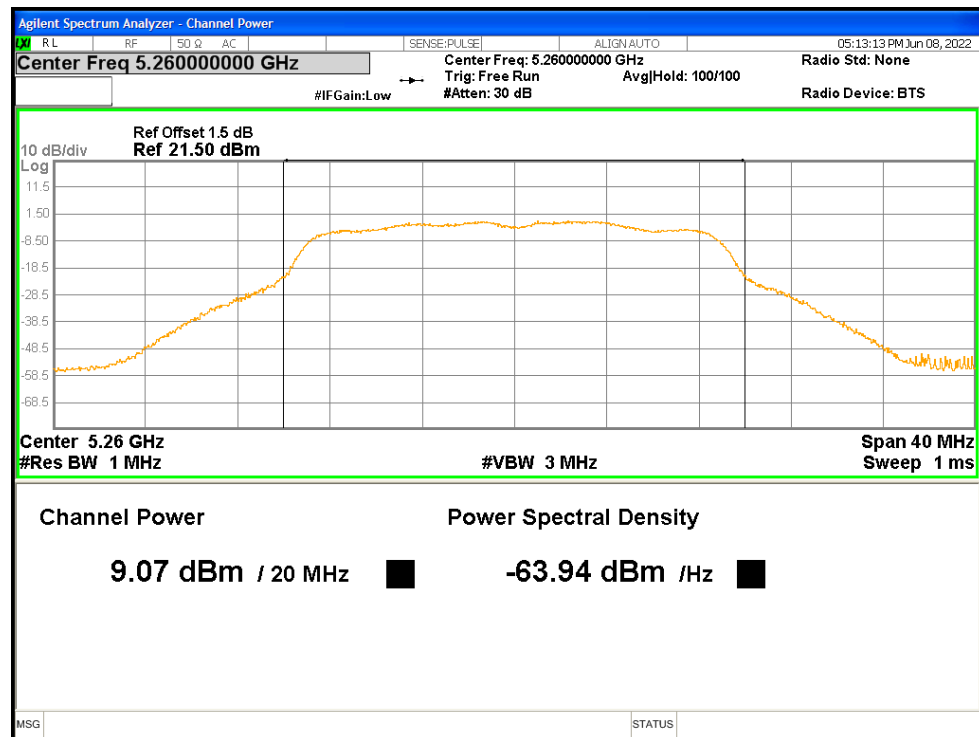
Power NVNT n40 5270MHz



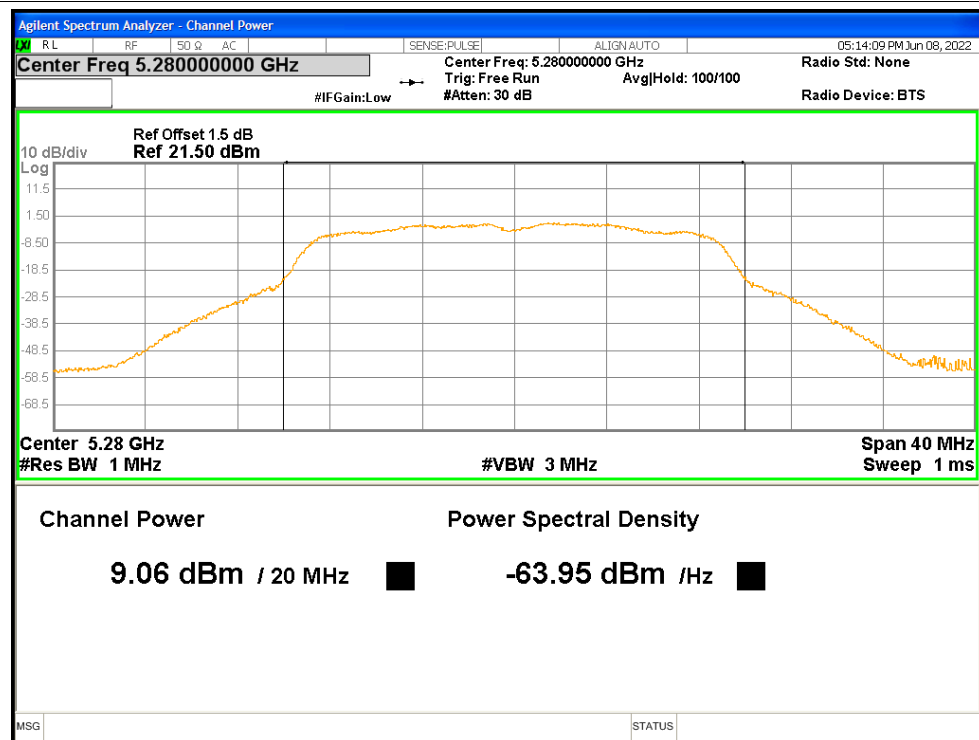
Power NVNT n40 5310MHz



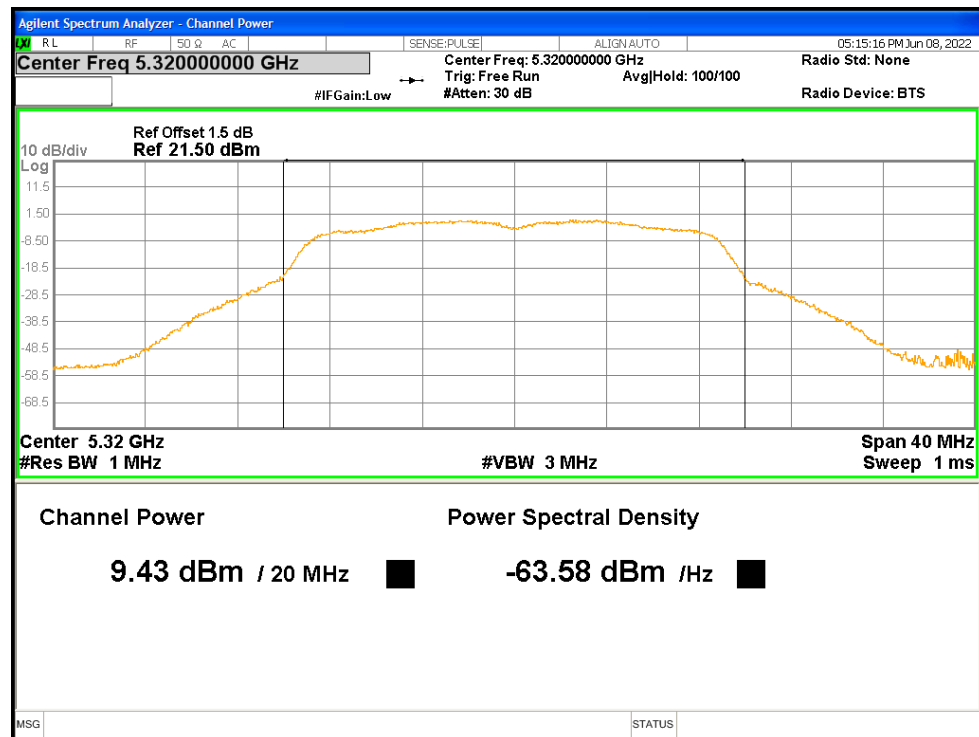
Power NVNT ac20 5260MHz



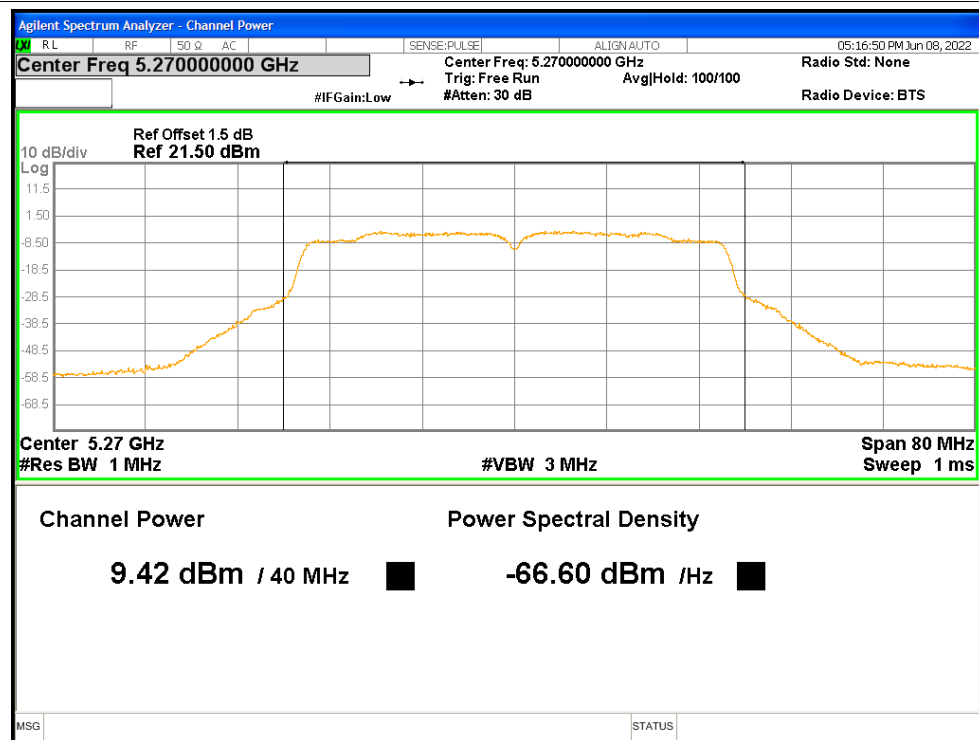
Power NVNT ac20 5280MHz



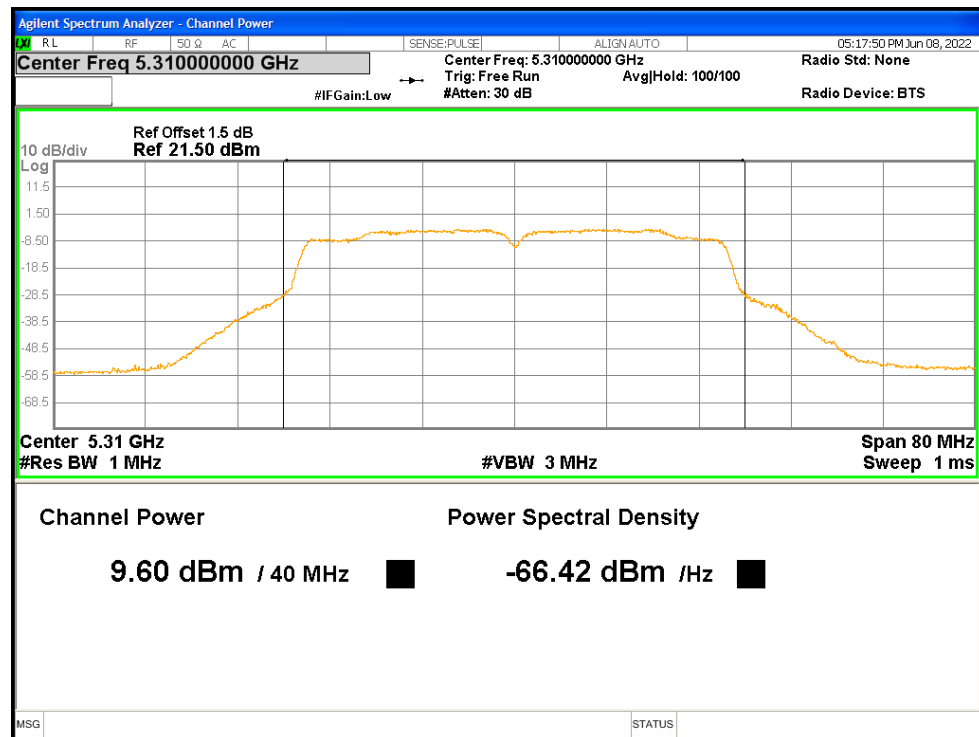
Power NVNT ac20 5320MHz



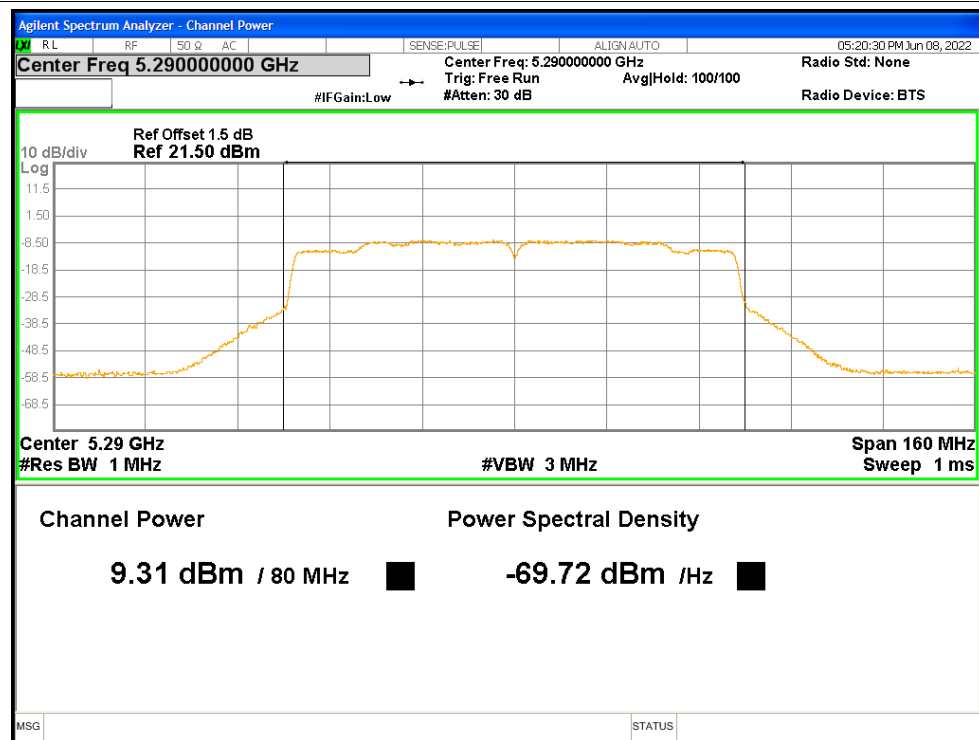
Power NVNT ac40 5270MHz



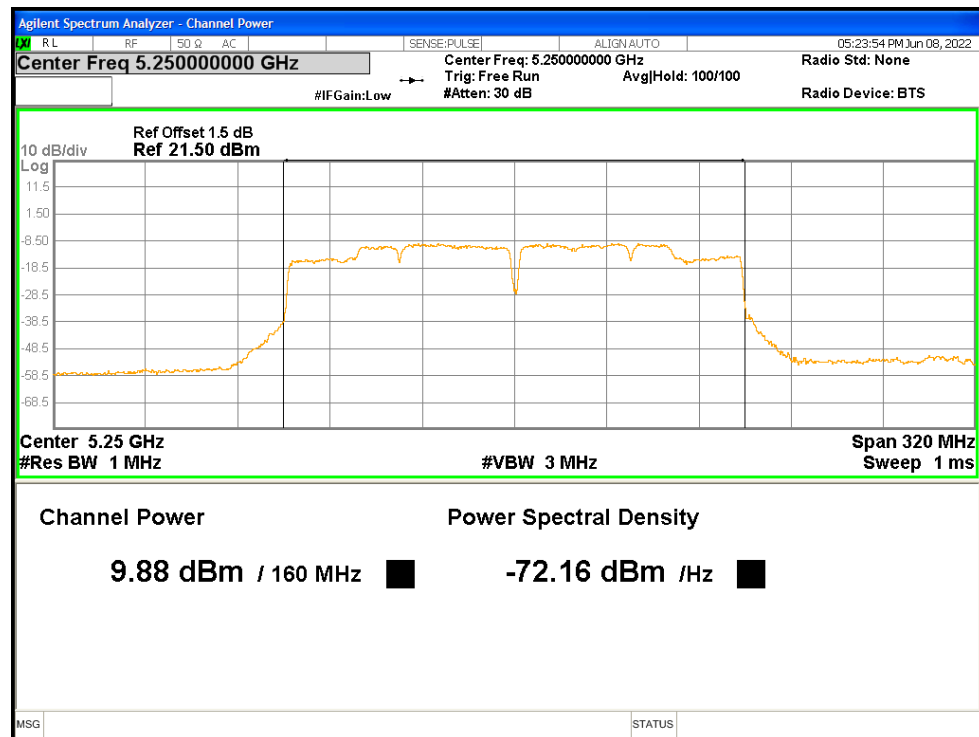
Power NVNT ac40 5310MHz



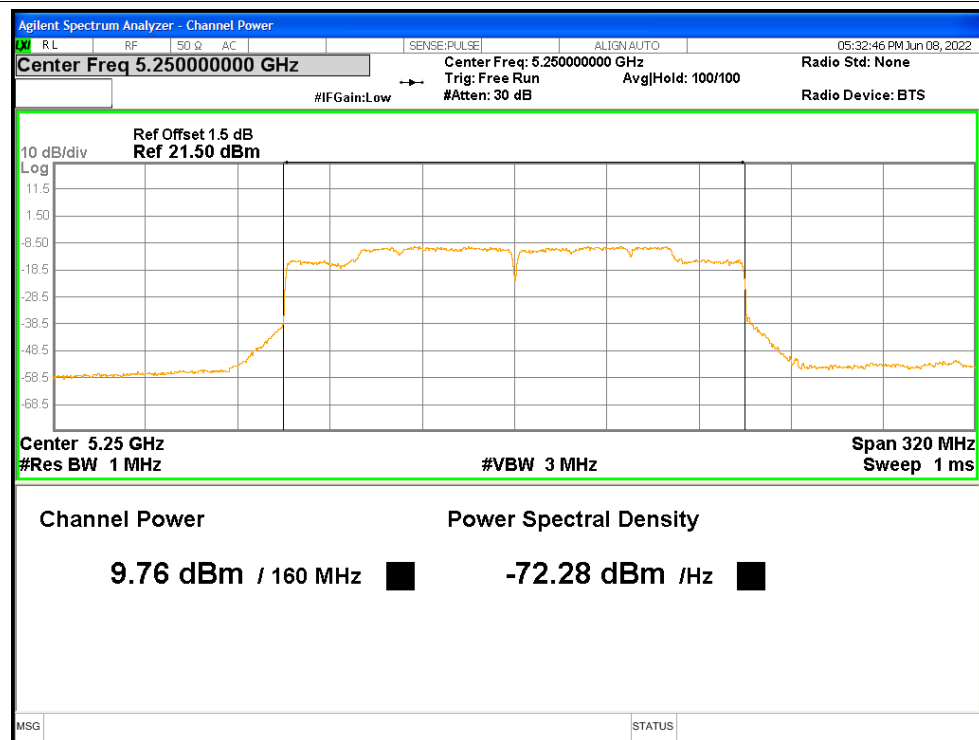
Power NVNT ac80 5290MHz



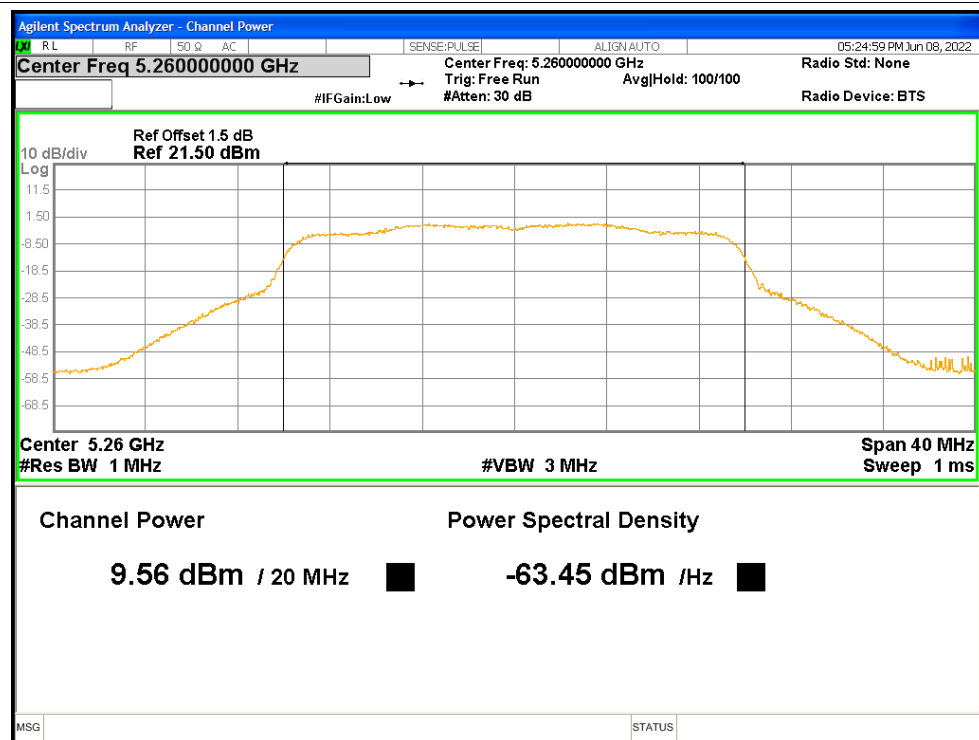
Power NVNT ac160 5250MHz



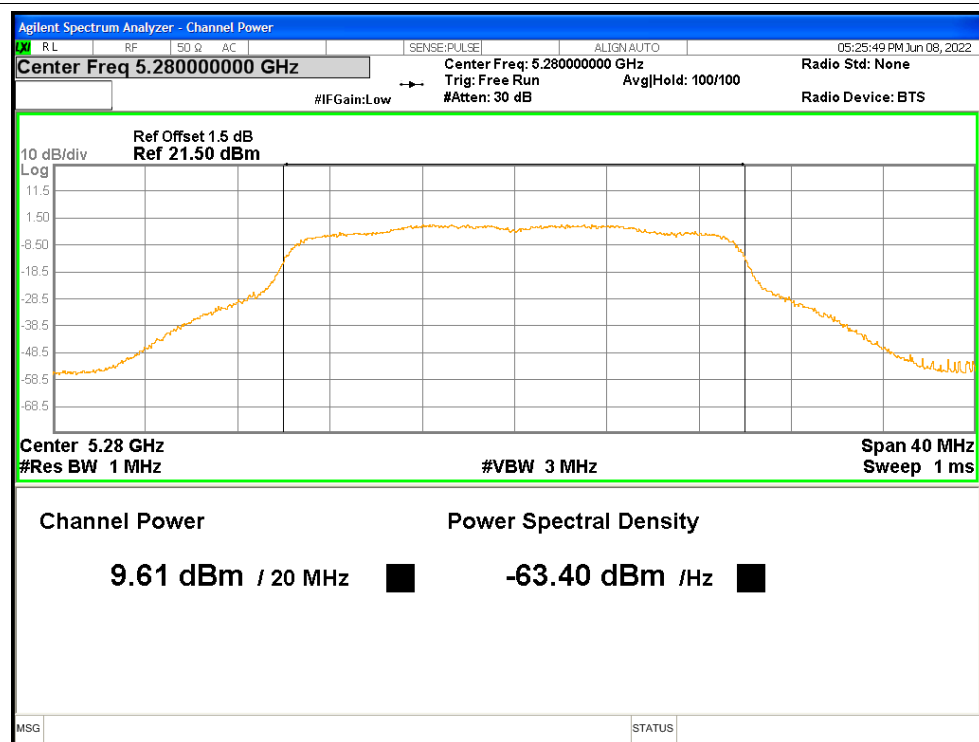
Power NVNT ax160 5250MHz



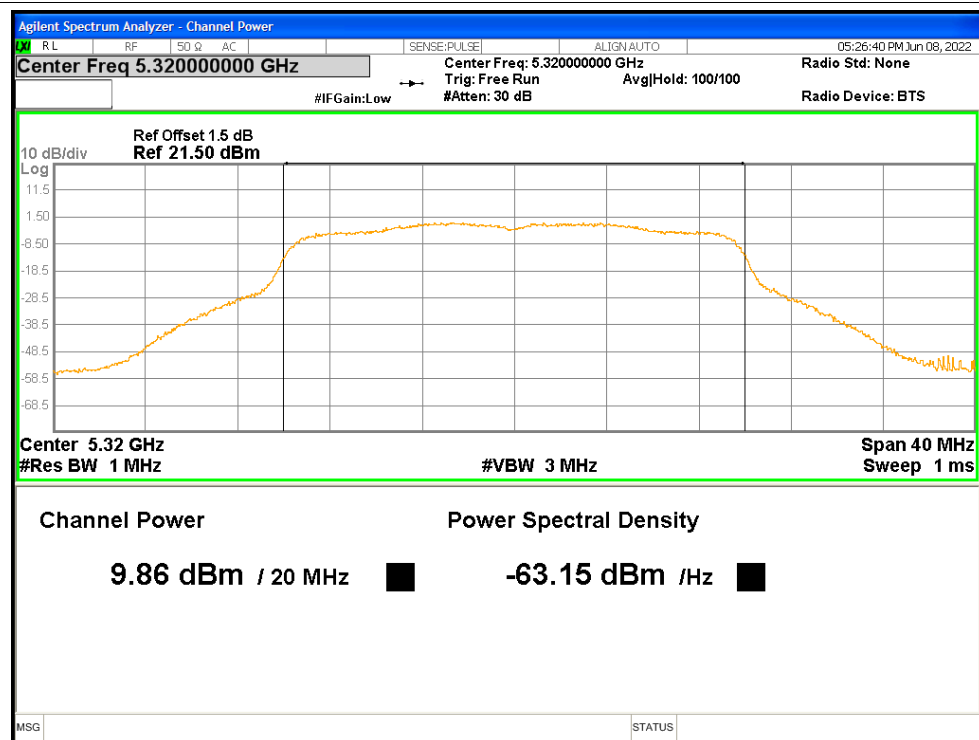
Power NVNT ax20 5260MHz



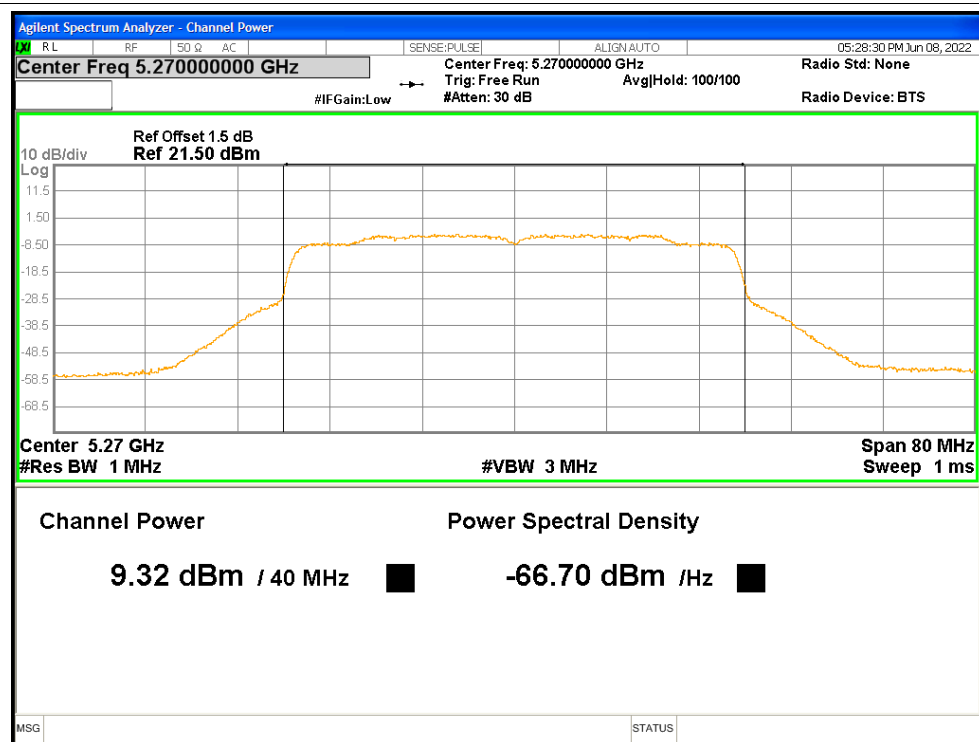
Power NVNT ax20 5280MHz



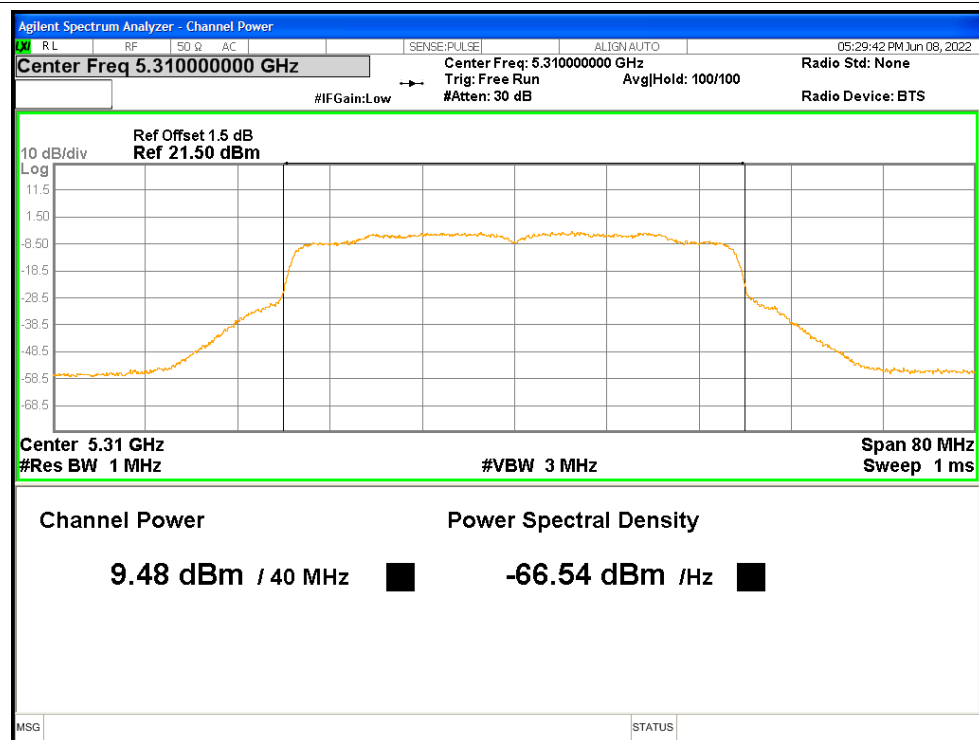
Power NVNT ax20 5320MHz



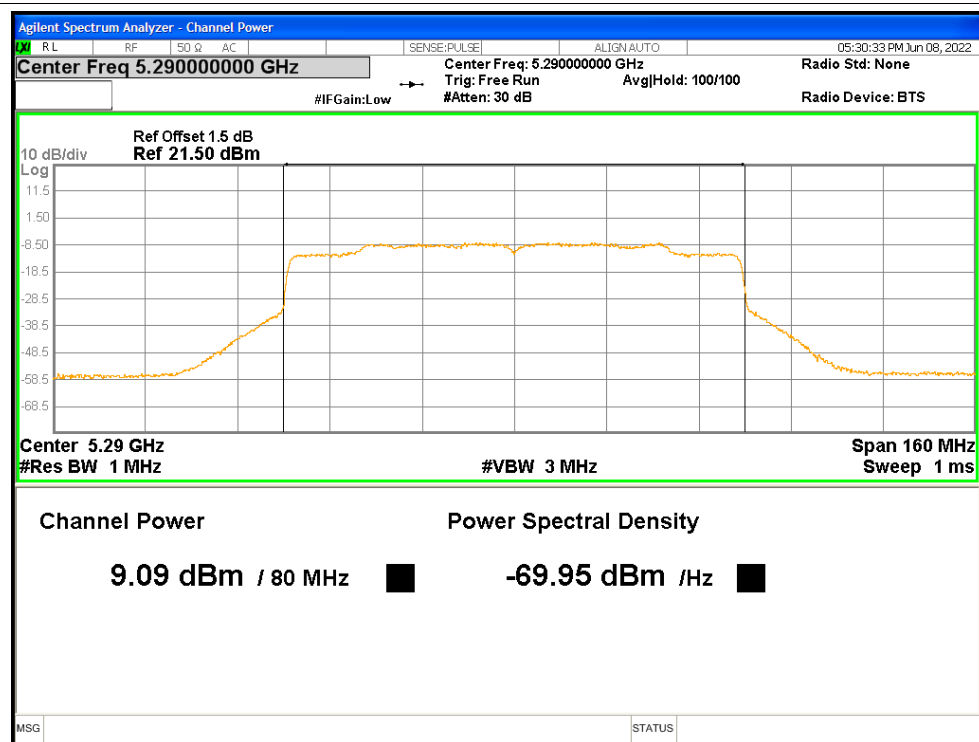
Power NVNT ax40 5270MHz

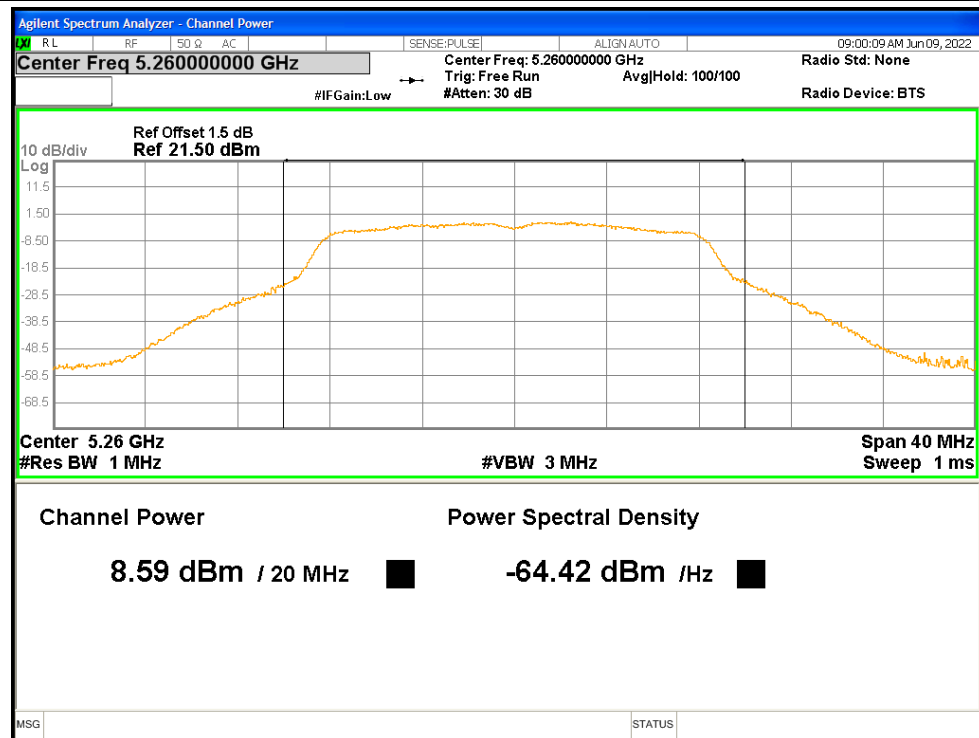
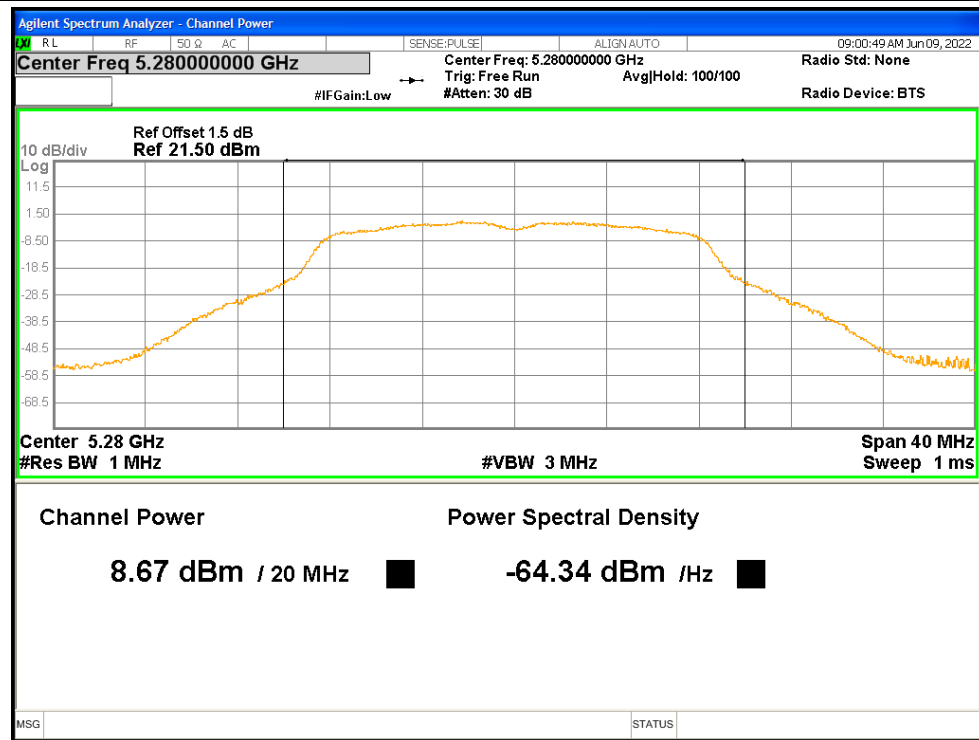


Power NVNT ax40 5310MHz

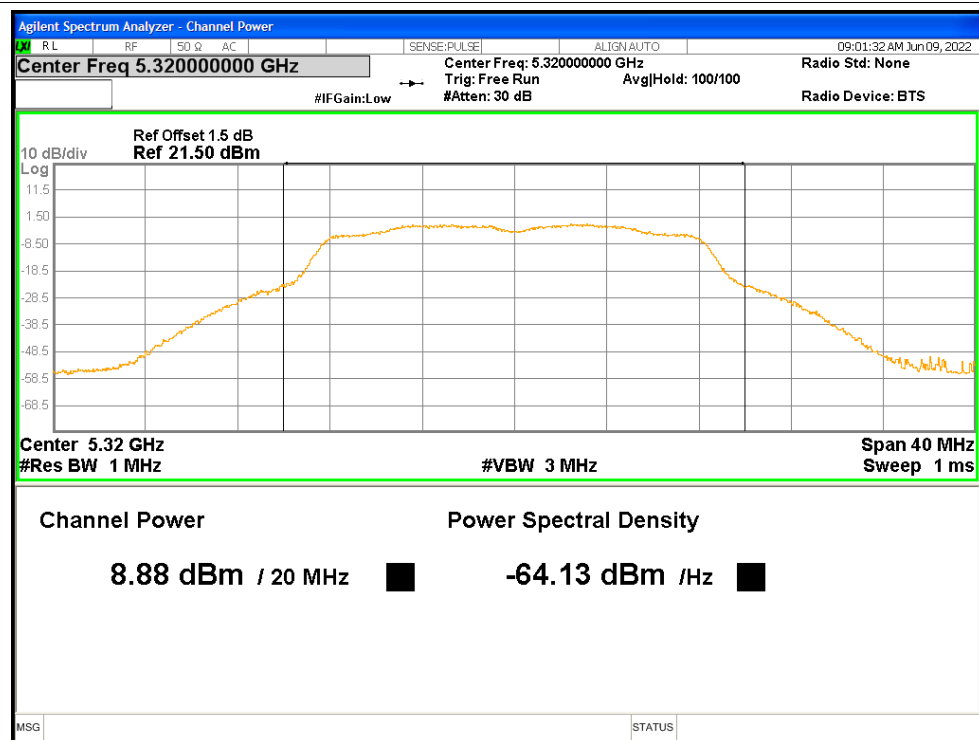


Power NVNT ax80 5290MHz

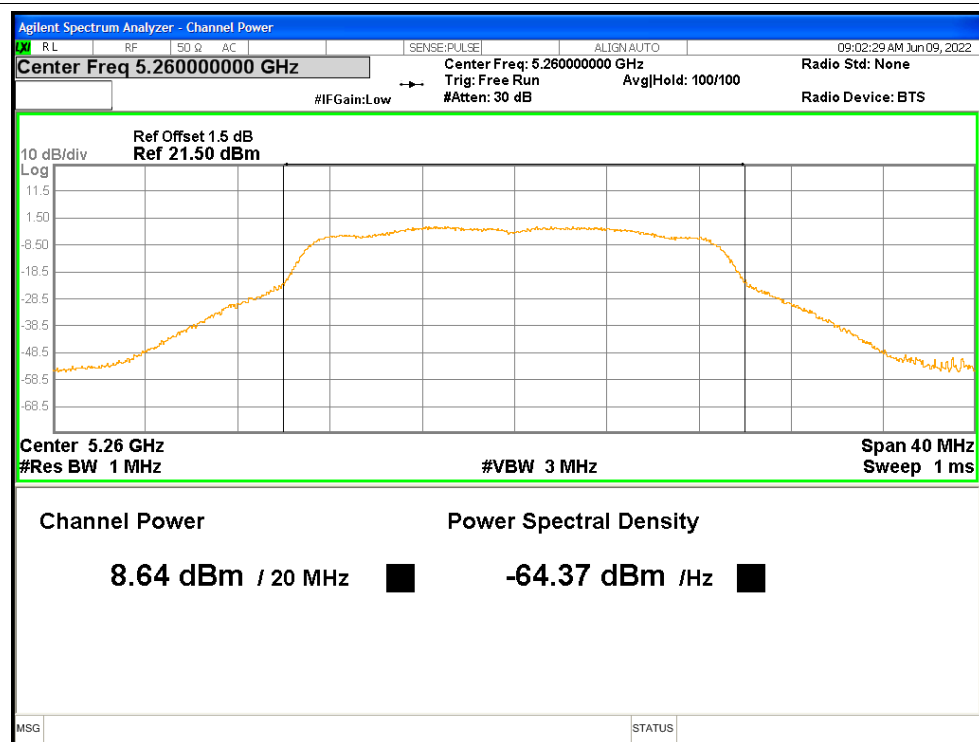


ANT_B**Test Graphs****Power NVNT a 5260MHz****Power NVNT a 5280MHz**

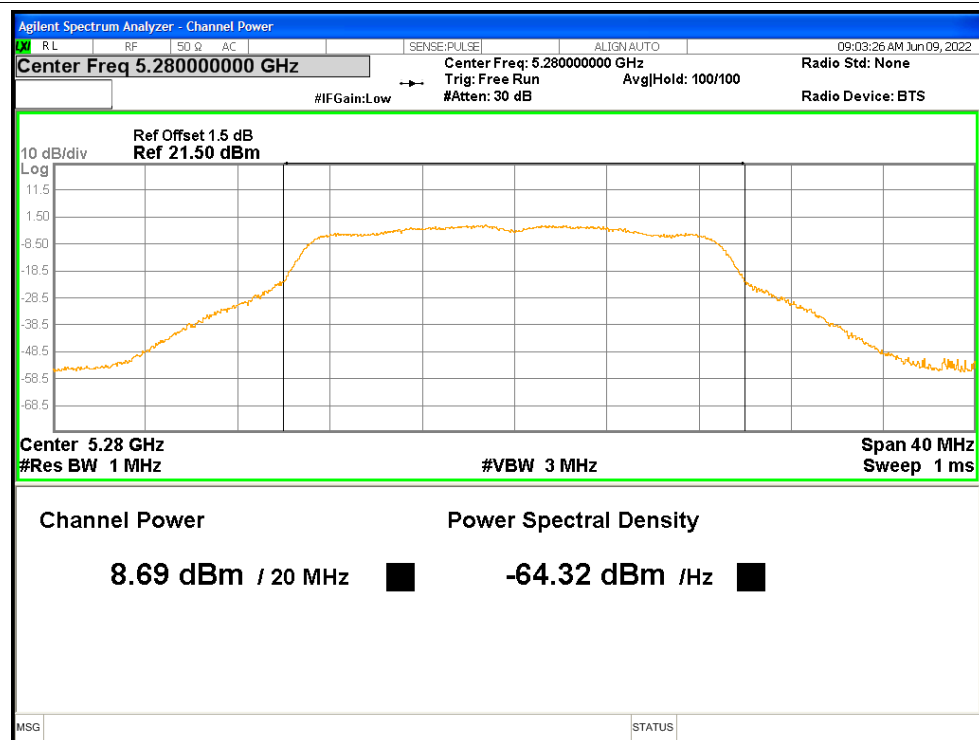
Power NVNT a 5320MHz



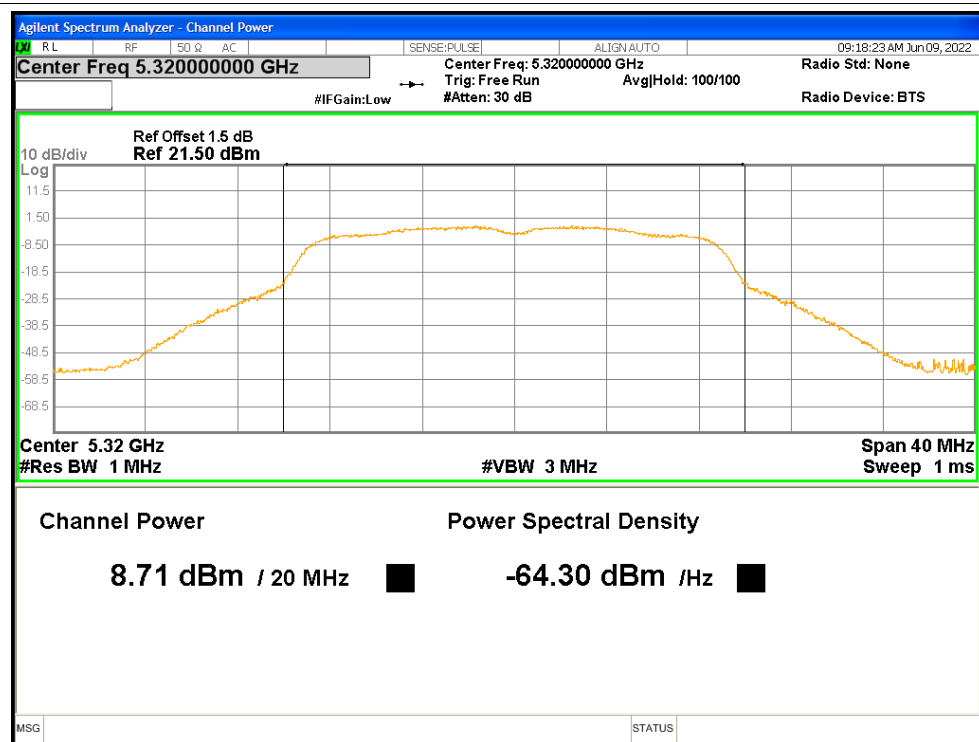
Power NVNT n20 5260MHz



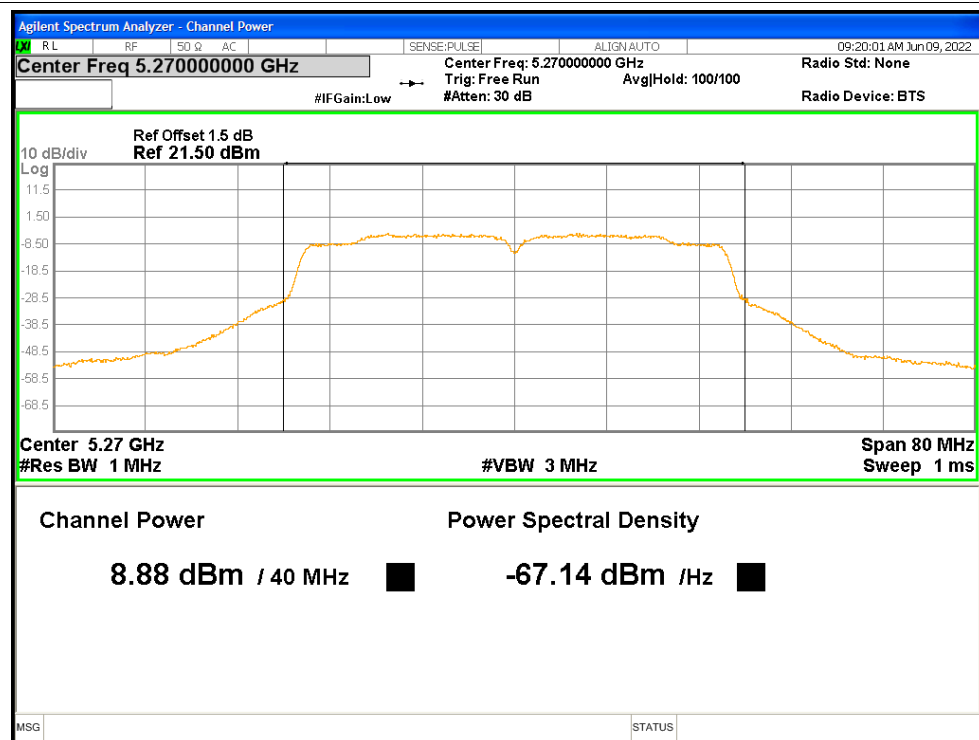
Power NVNT n20 5280MHz



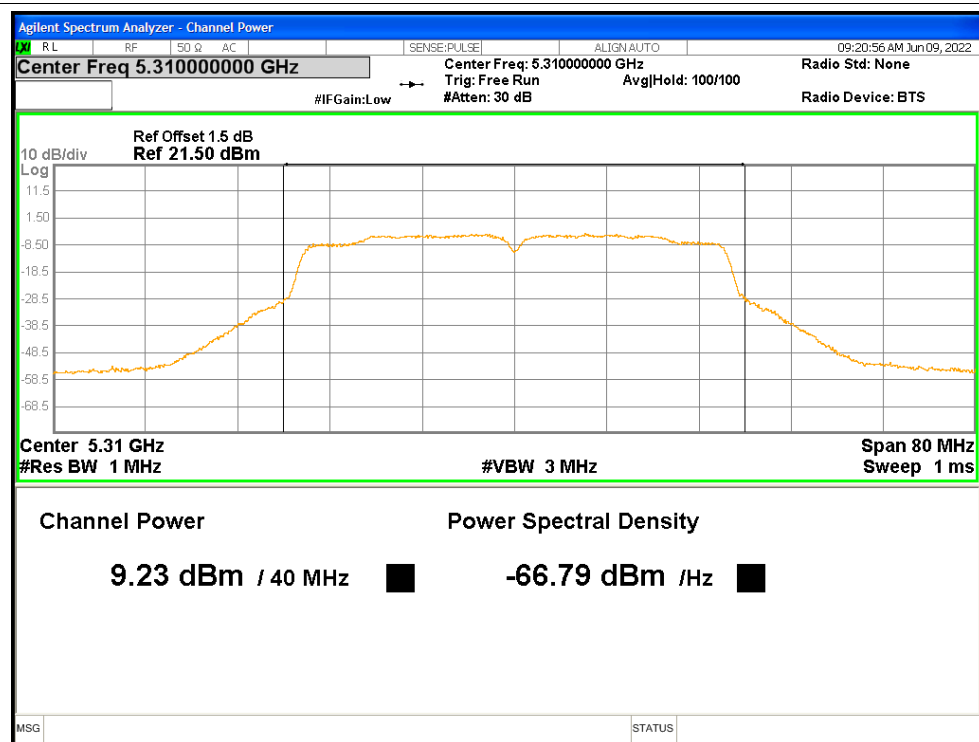
Power NVNT n20 5320MHz



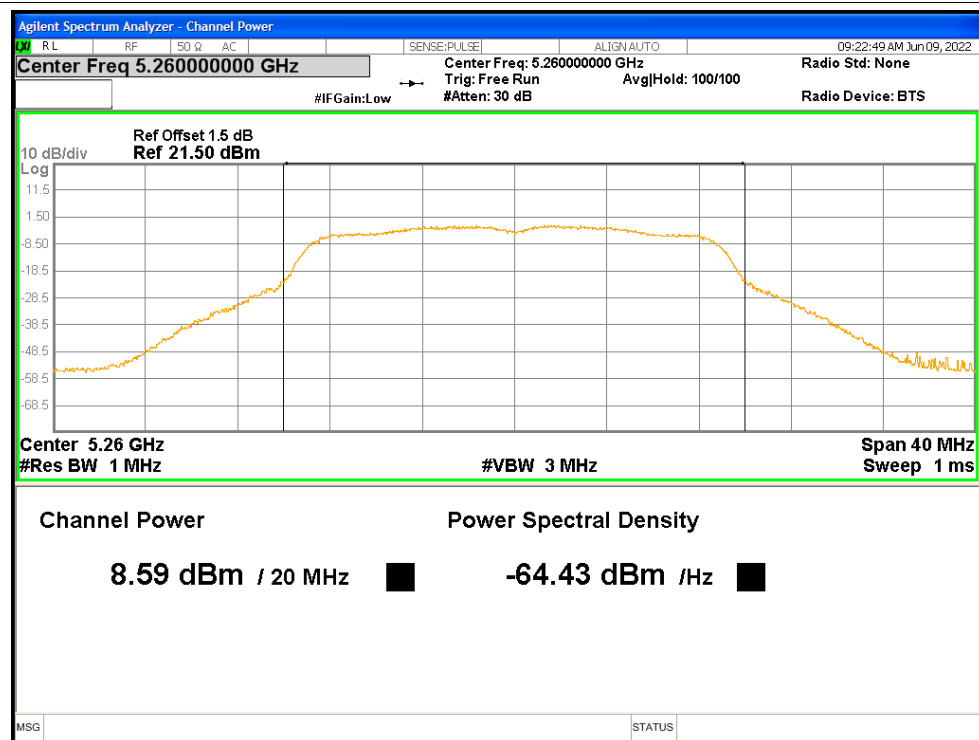
Power NVNT n40 5270MHz



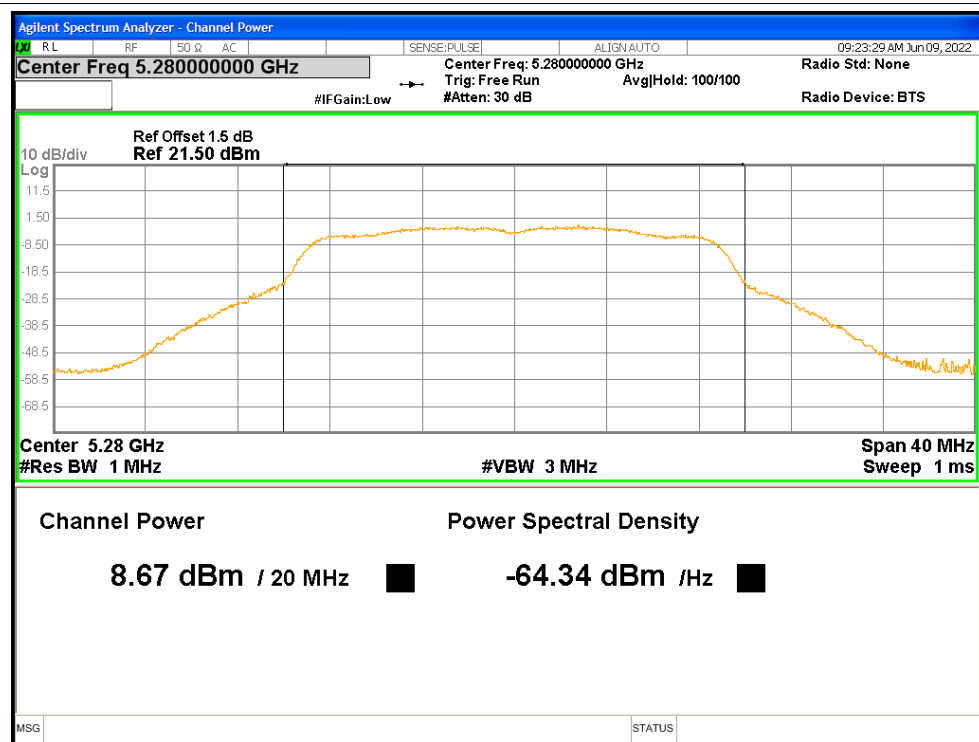
Power NVNT n40 5310MHz



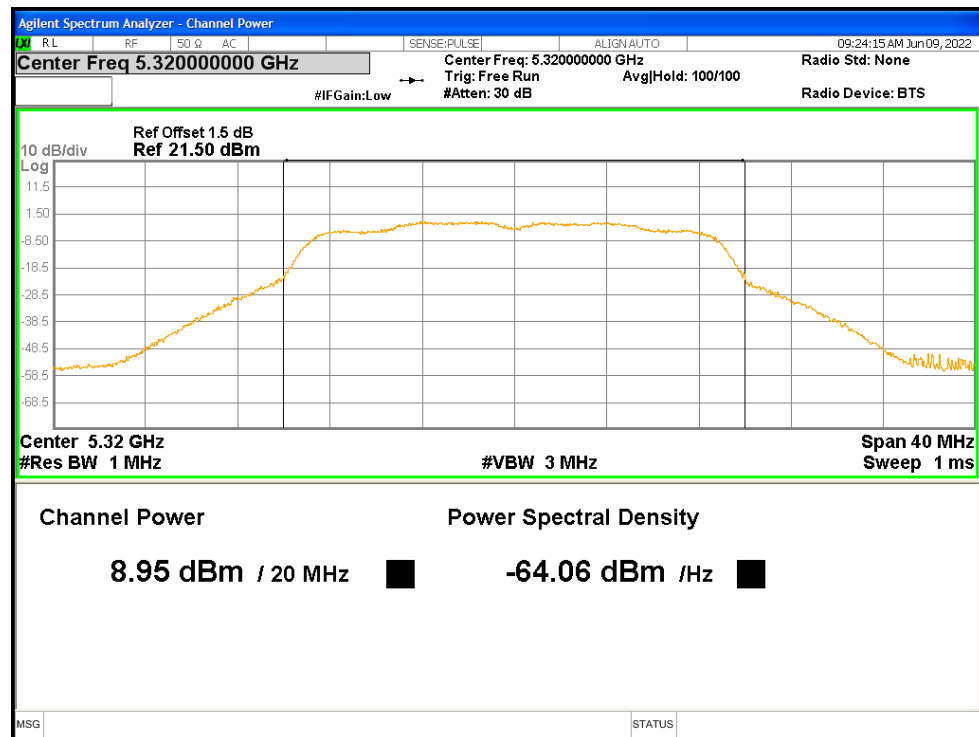
Power NVNT ac20 5260MHz



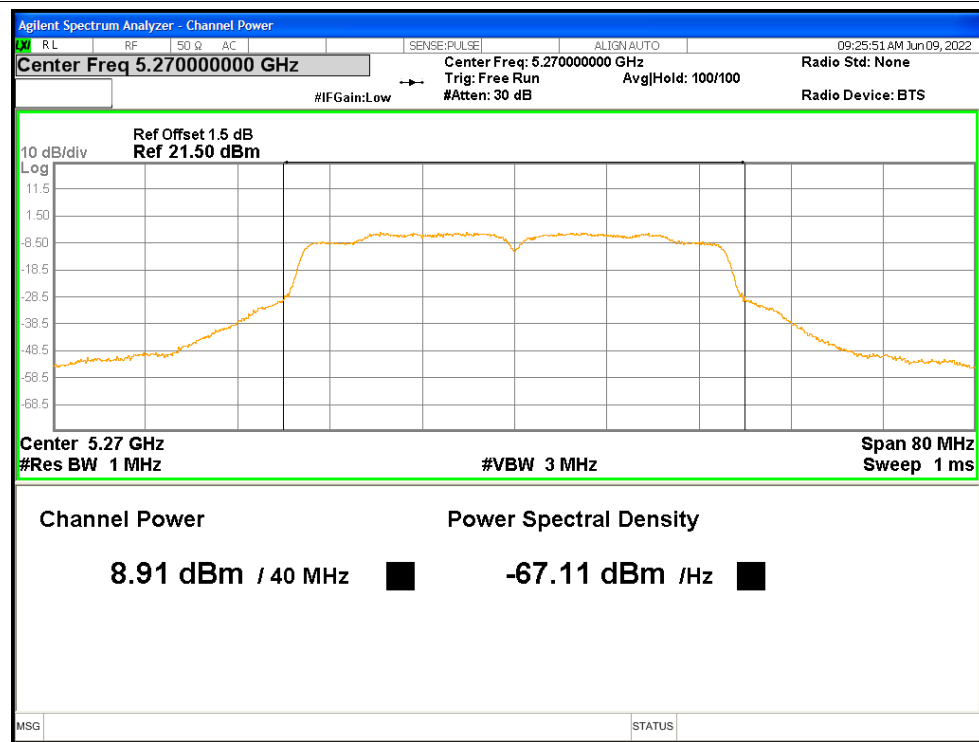
Power NVNT ac20 5280MHz



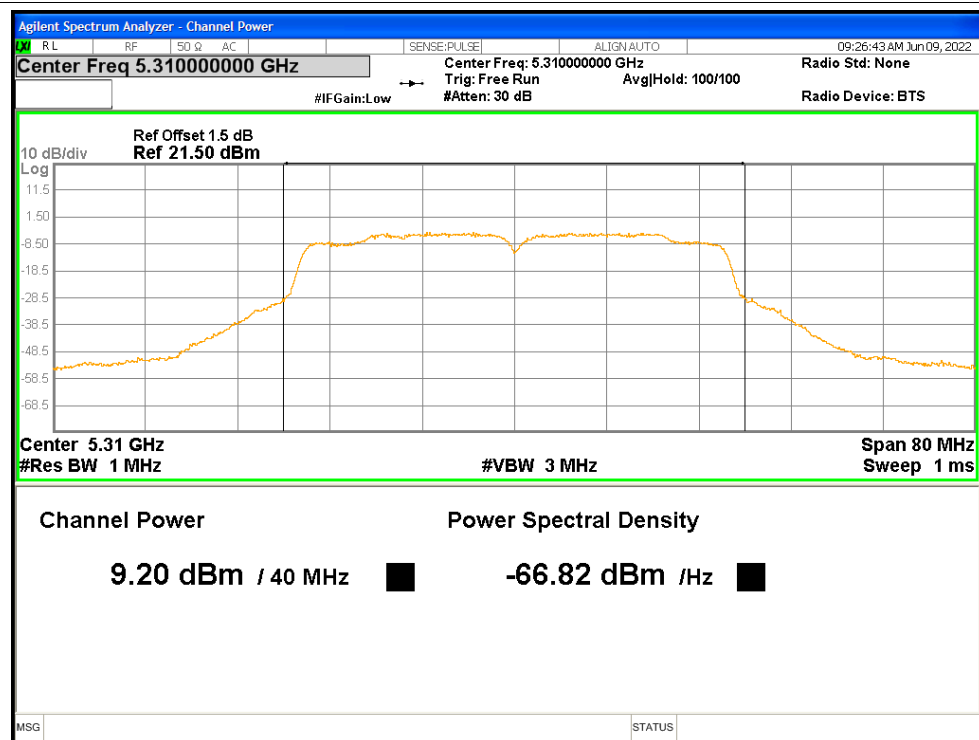
Power NVNT ac20 5320MHz



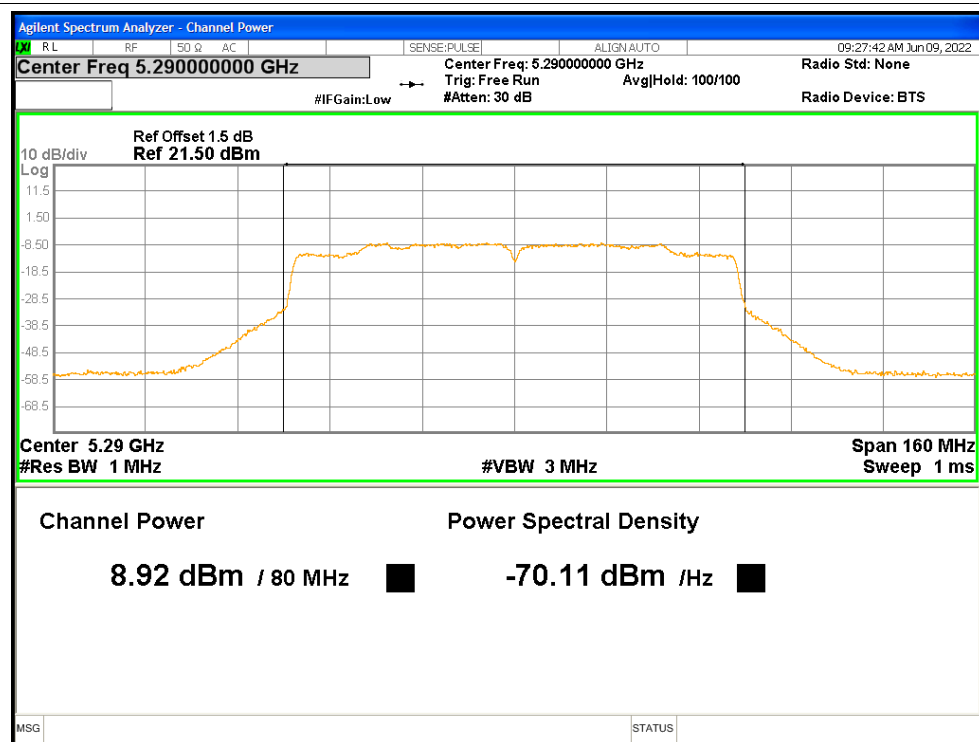
Power NVNT ac40 5270MHz



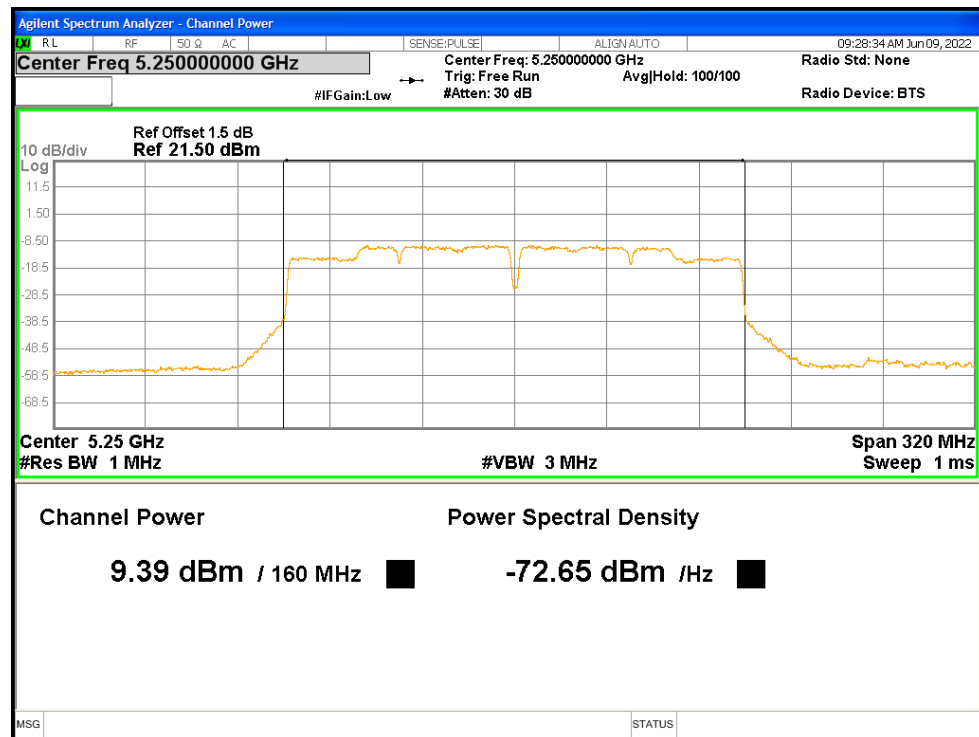
Power NVNT ac40 5310MHz



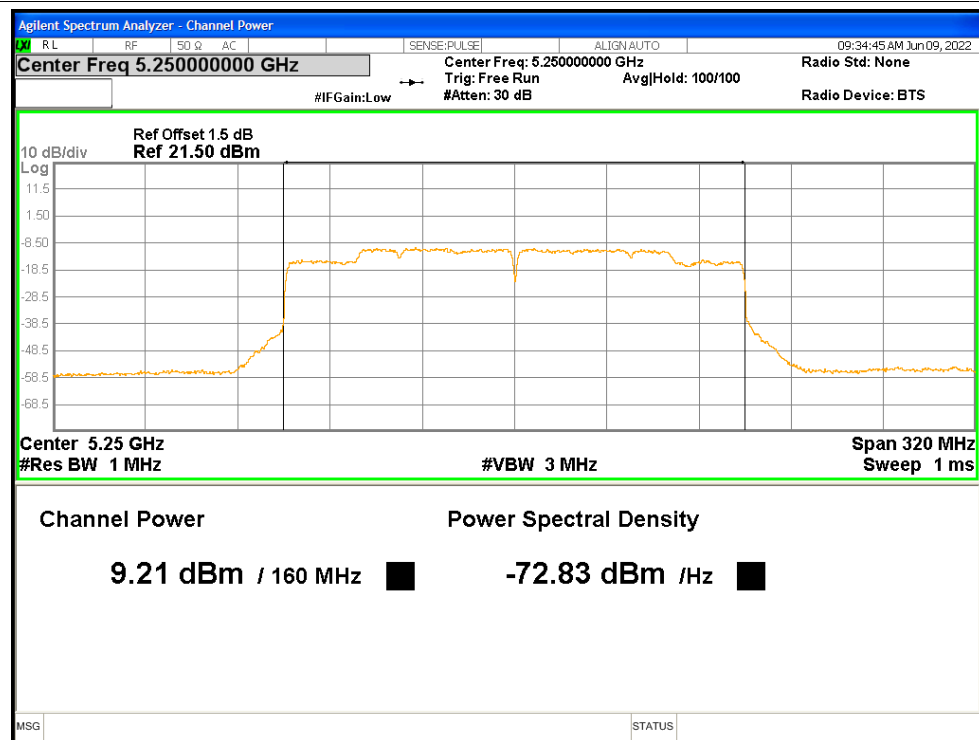
Power NVNT ac80 5290MHz



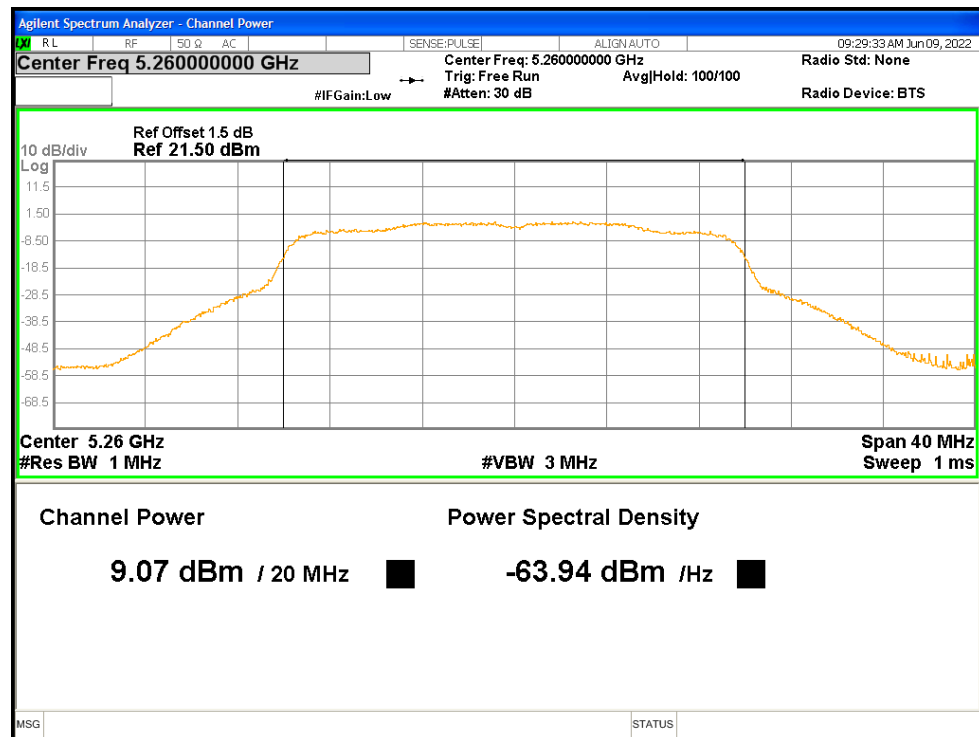
Power NVNT ac160 5250MHz



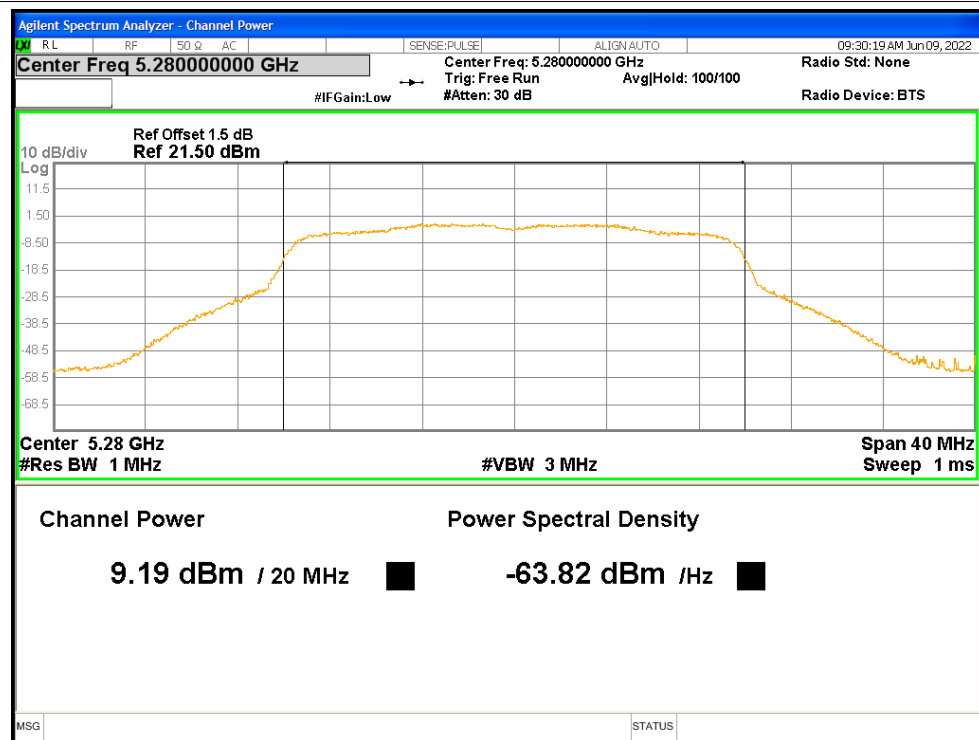
Power NVNT ax160 5250MHz



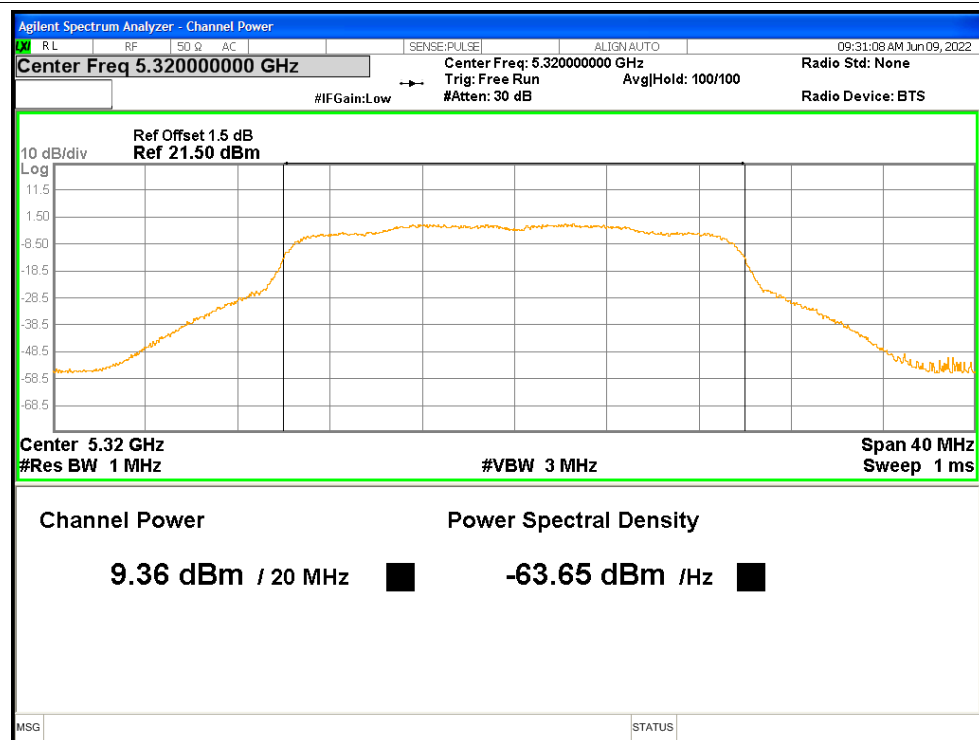
Power NVNT ax20 5260MHz



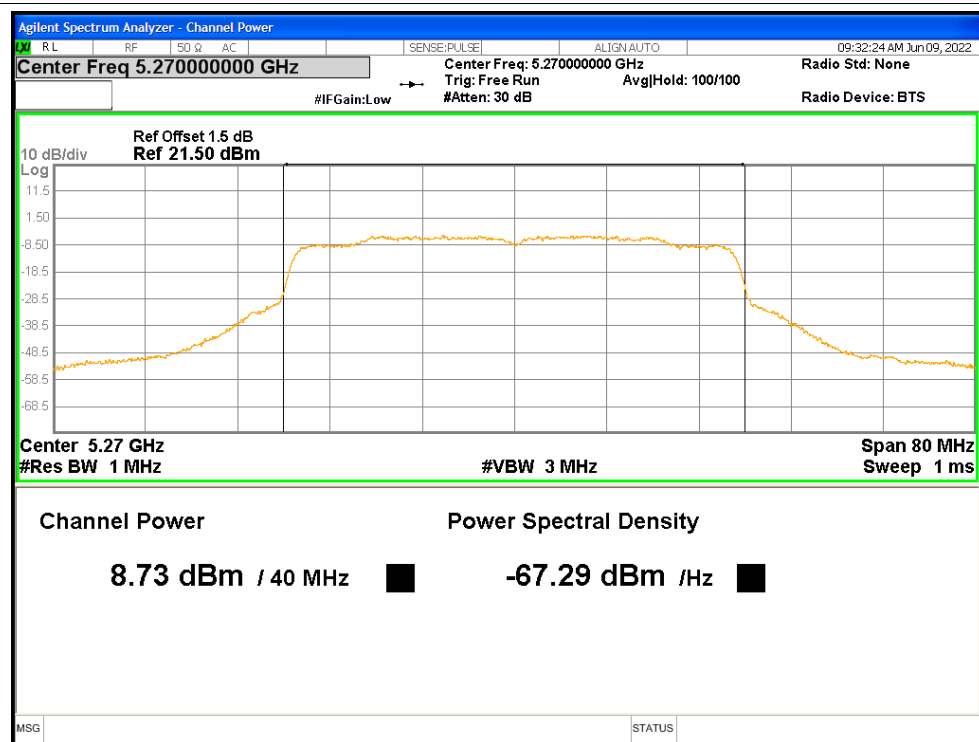
Power NVNT ax20 5280MHz



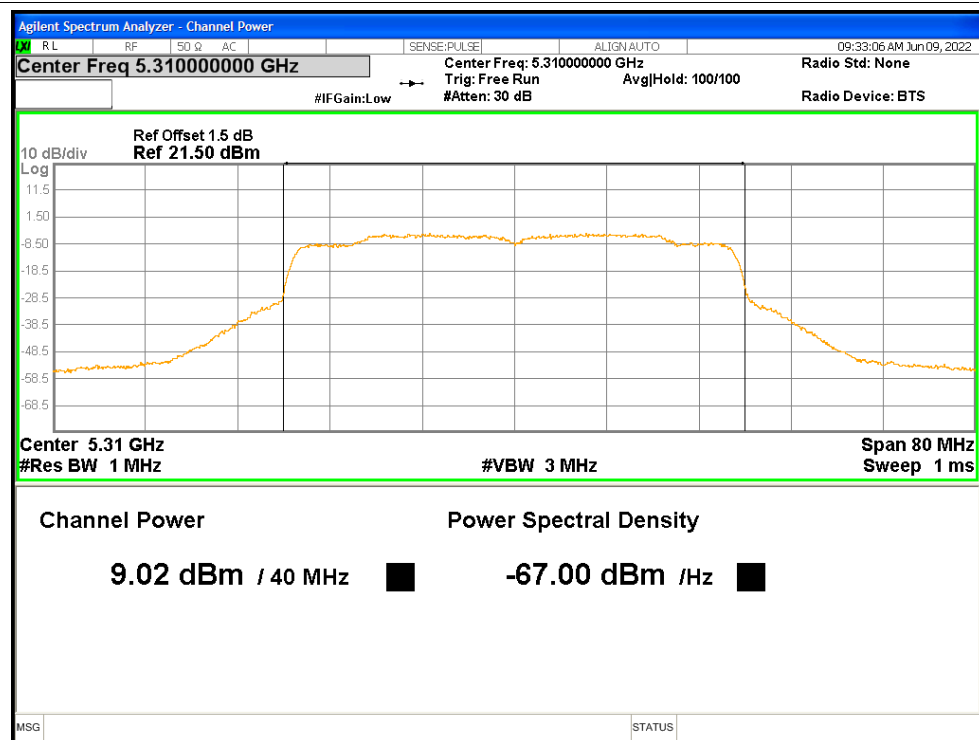
Power NVNT ax20 5320MHz



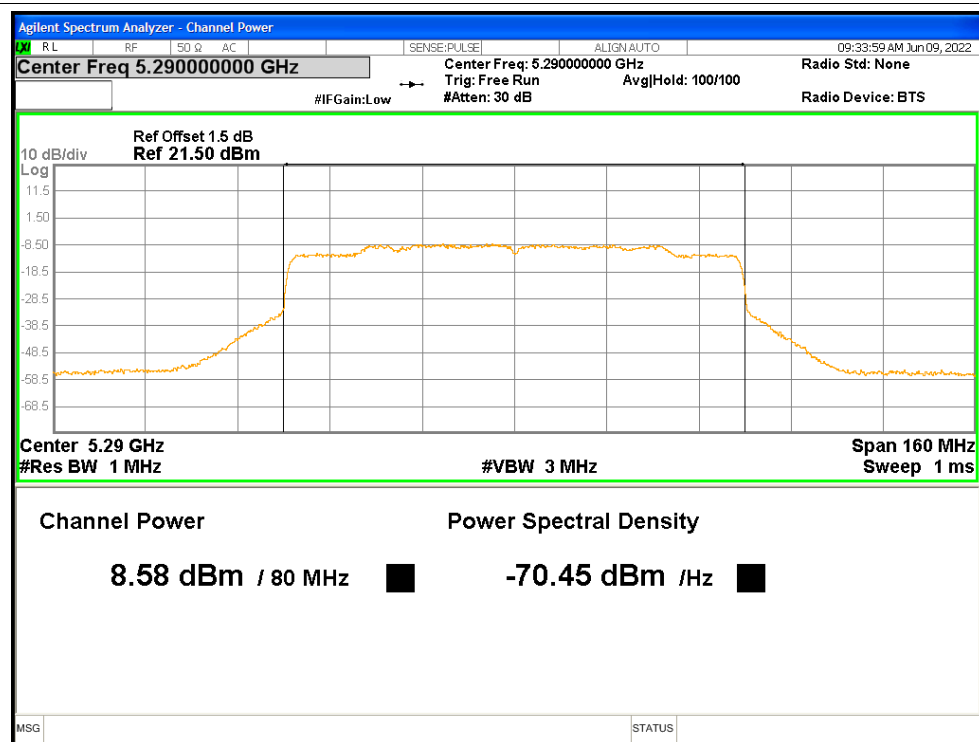
Power NVNT ax40 5270MHz



Power NVNT ax40 5310MHz



Power NVNT ax80 5290MHz

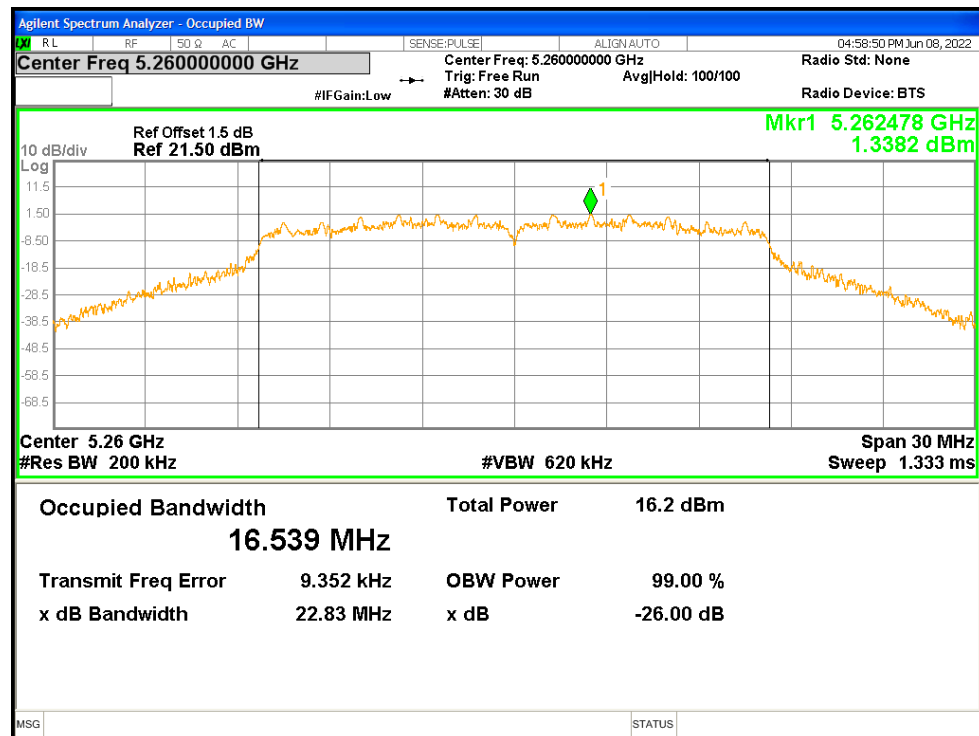


Occupied Channel Bandwidth

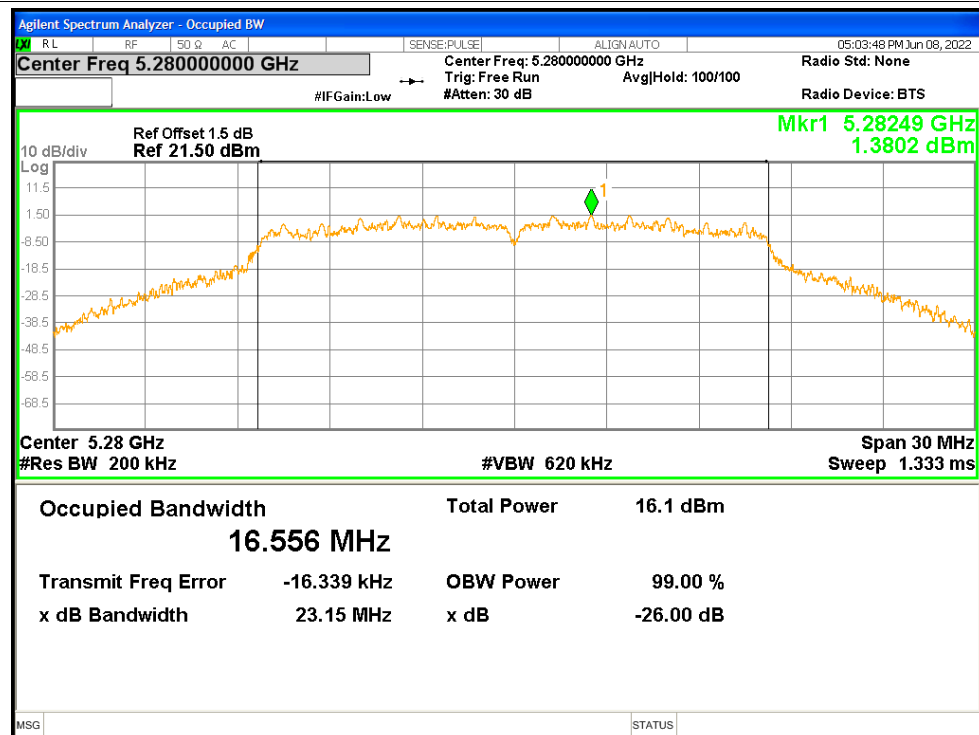
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5260	16.539
NVNT	a	5280	16.556
NVNT	a	5320	16.509
NVNT	n20	5260	17.637
NVNT	n20	5280	17.639
NVNT	n20	5320	17.626
NVNT	n40	5270	36.005
NVNT	n40	5310	36.001
NVNT	ac20	5260	17.658
NVNT	ac20	5280	17.628
NVNT	ac20	5320	17.649
NVNT	ac40	5270	35.997
NVNT	ac40	5310	36.042
NVNT	ac80	5290	75.139
NVNT	ac160	5250	153.201
NVNT	ax160	5250	154.643
NVNT	ax20	5260	18.851
NVNT	ax20	5280	18.838
NVNT	ax20	5320	18.853
NVNT	ax40	5270	37.566
NVNT	ax40	5310	37.543
NVNT	ax80	5290	76.667

Test Graphs

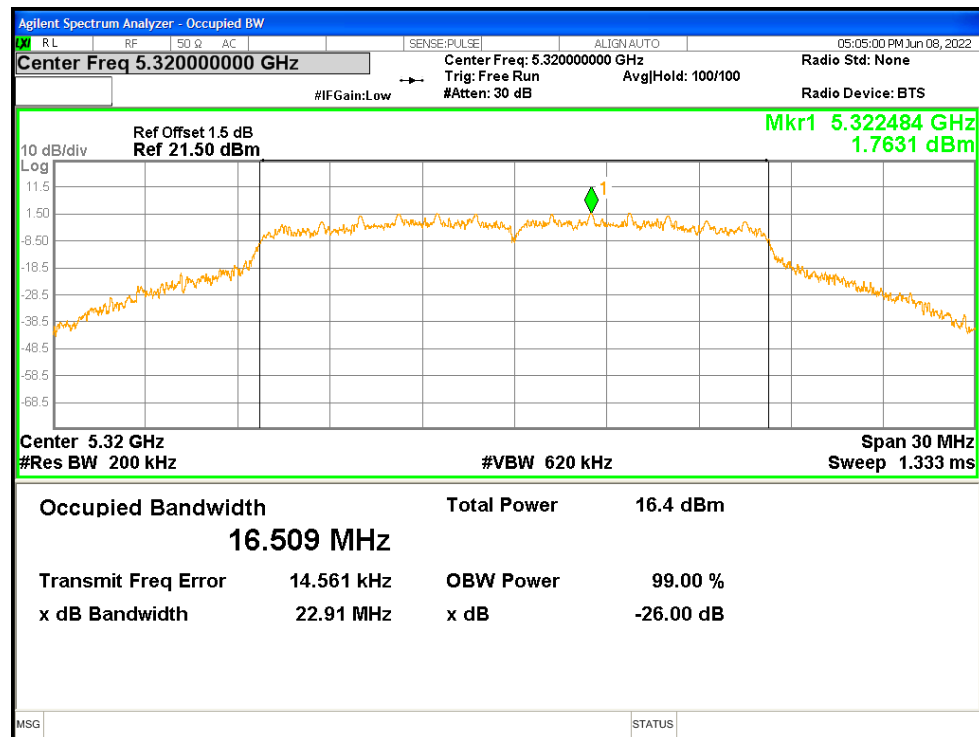
OBW NVNT a 5260MHz



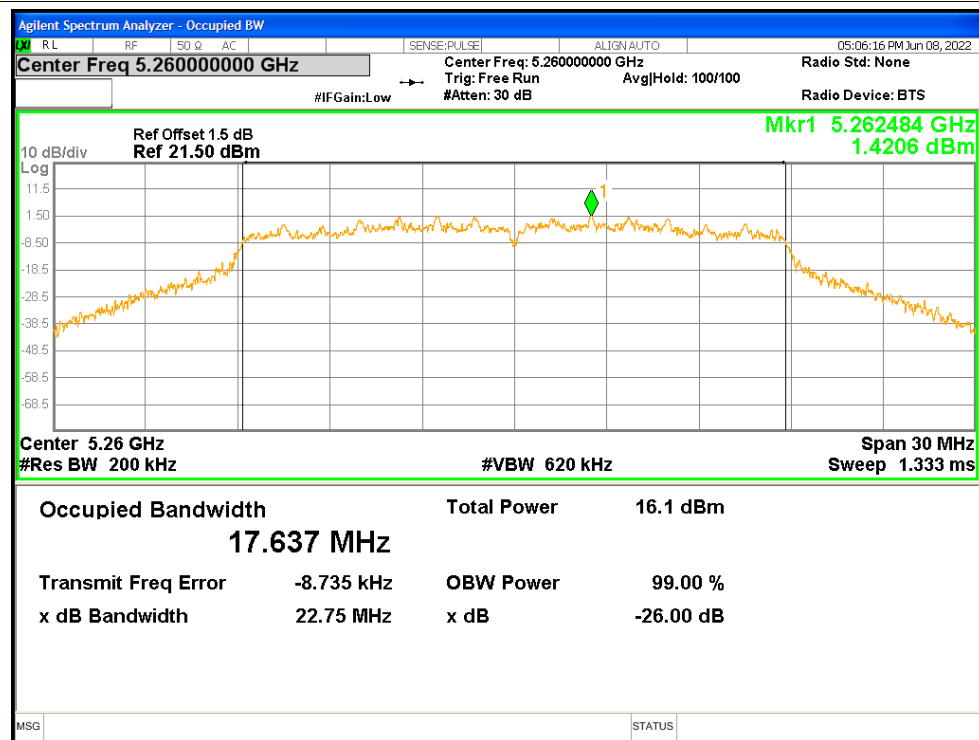
OBW NVNT a 5280MHz



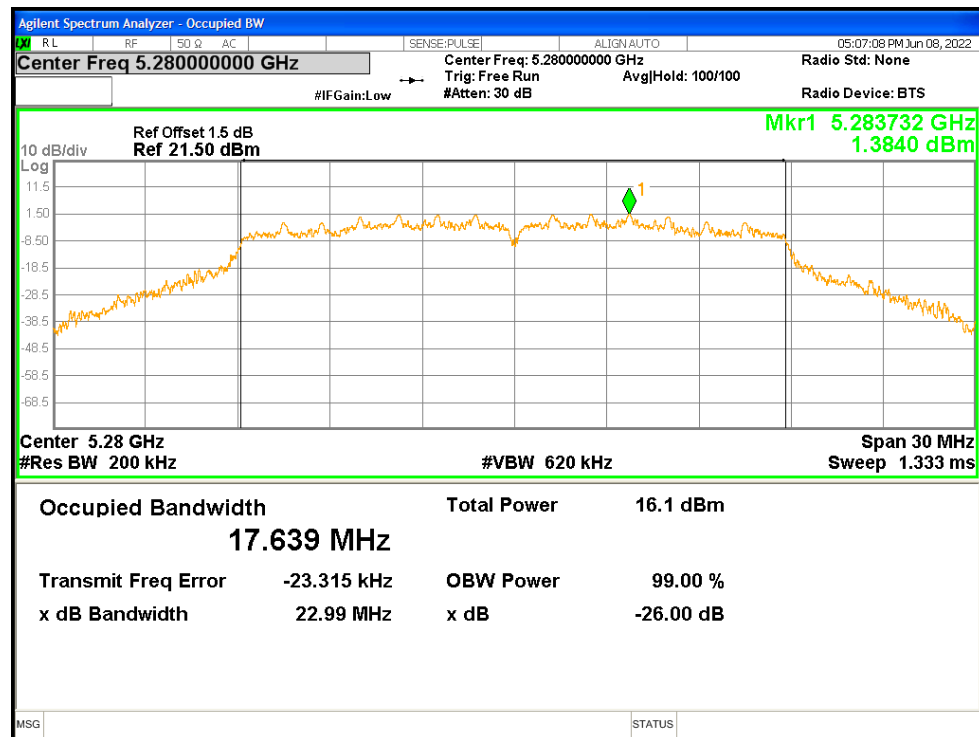
OBW NVNT a 5320MHz



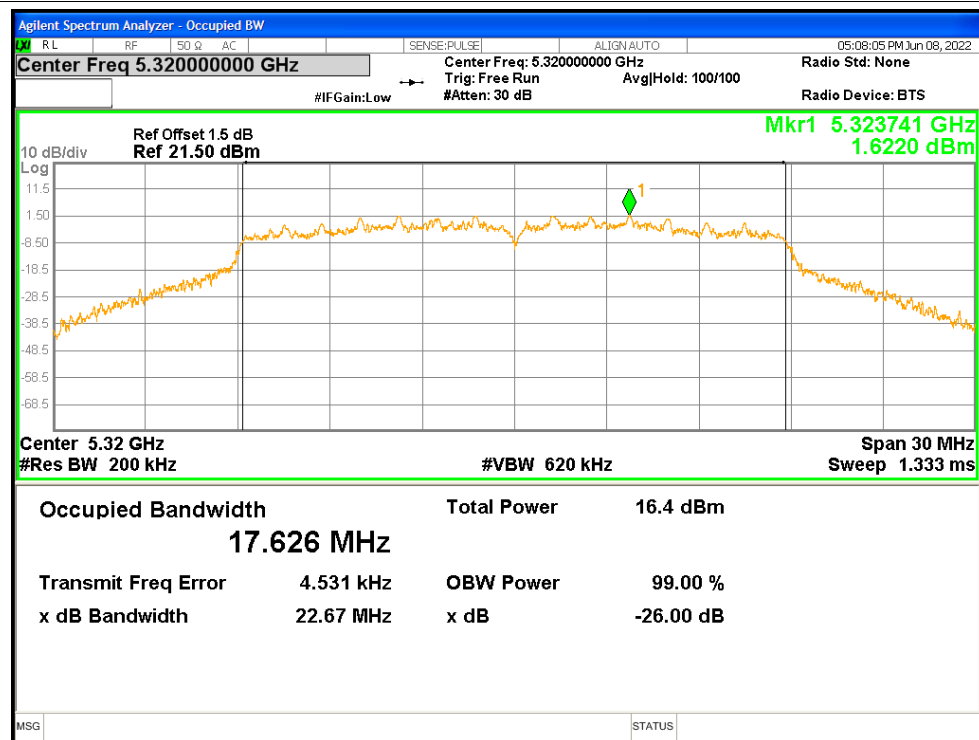
OBW NVNT n20 5260MHz



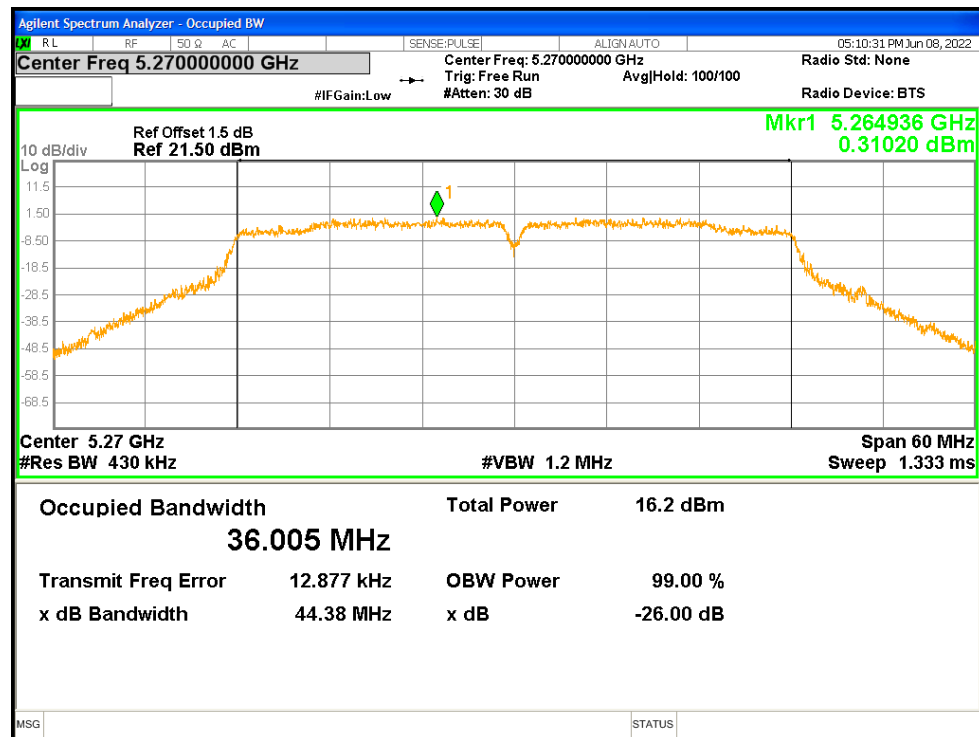
OBW NVNT n20 5280MHz



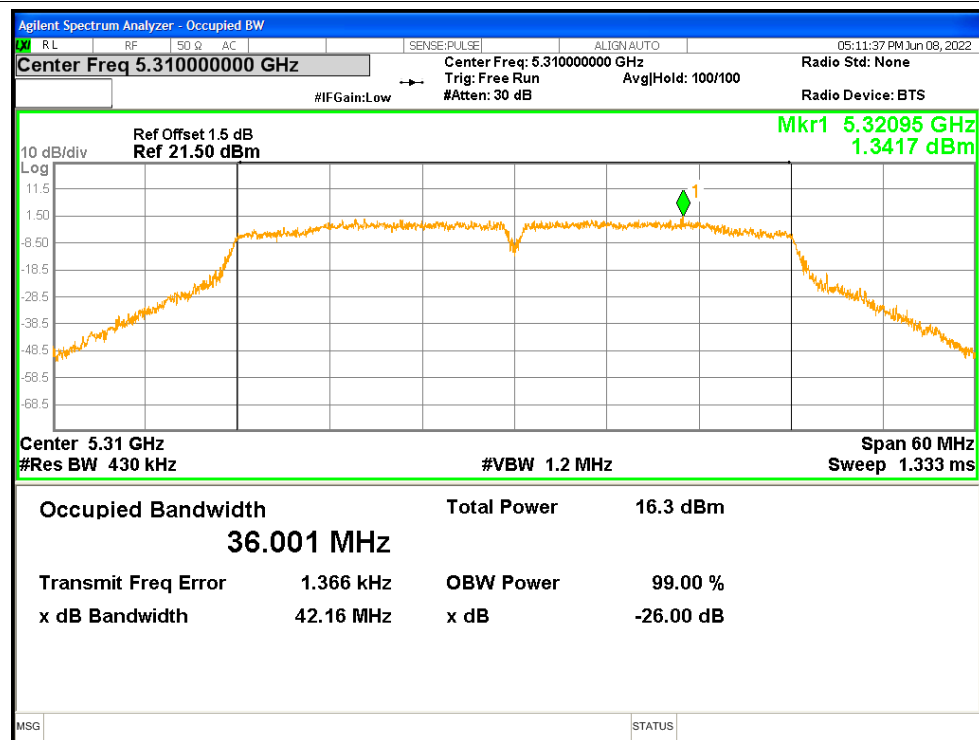
OBW NVNT n20 5320MHz



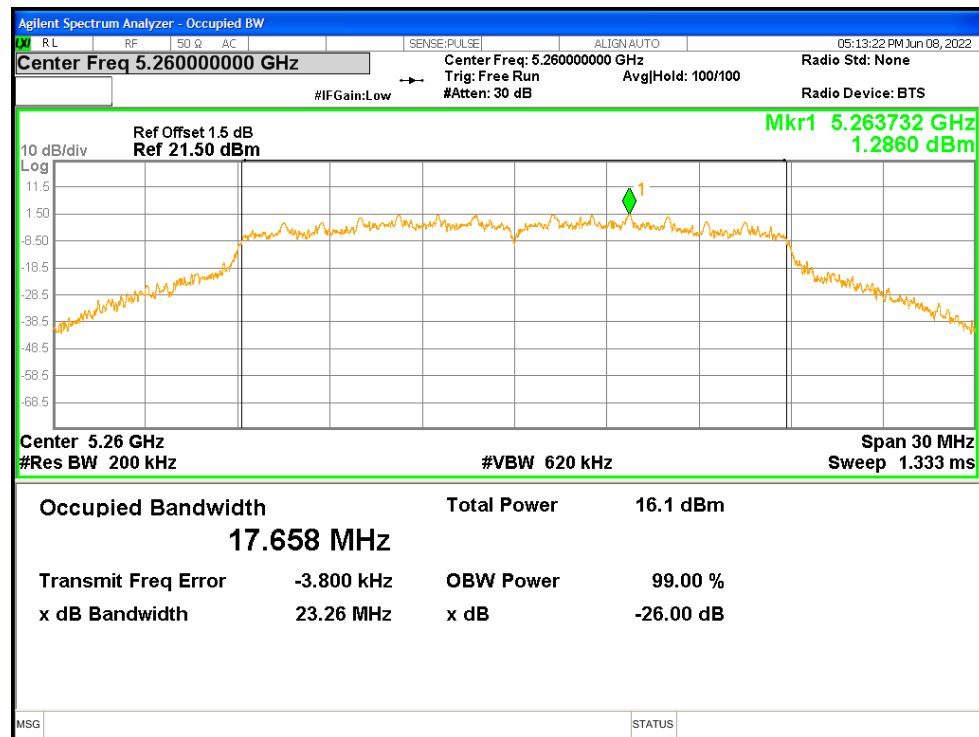
OBW NVNT n40 5270MHz



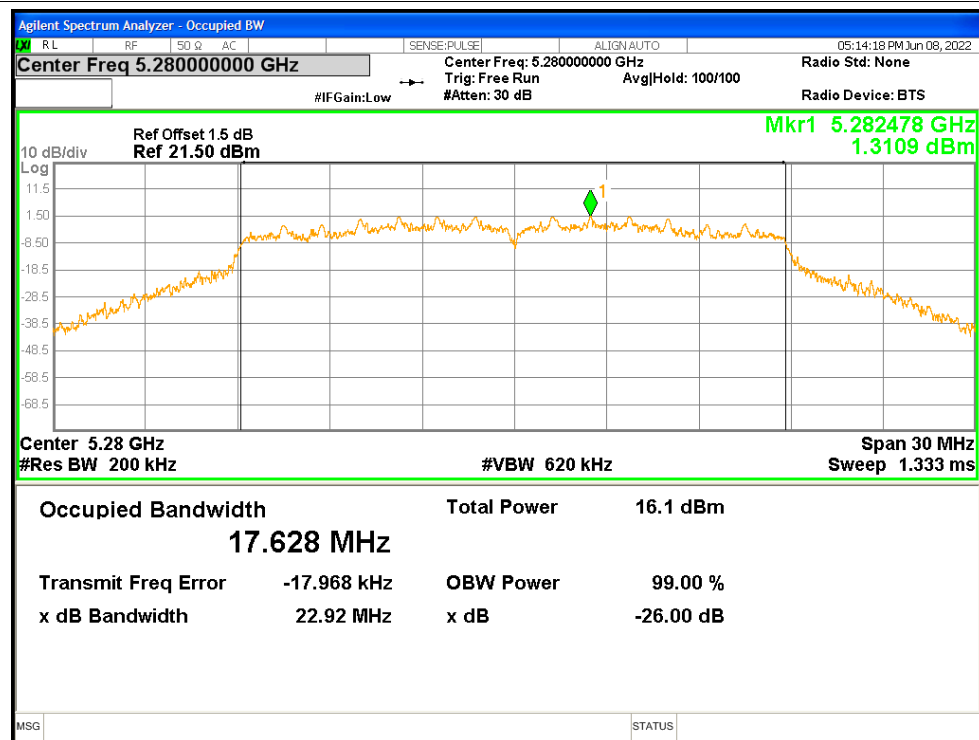
OBW NVNT n40 5310MHz



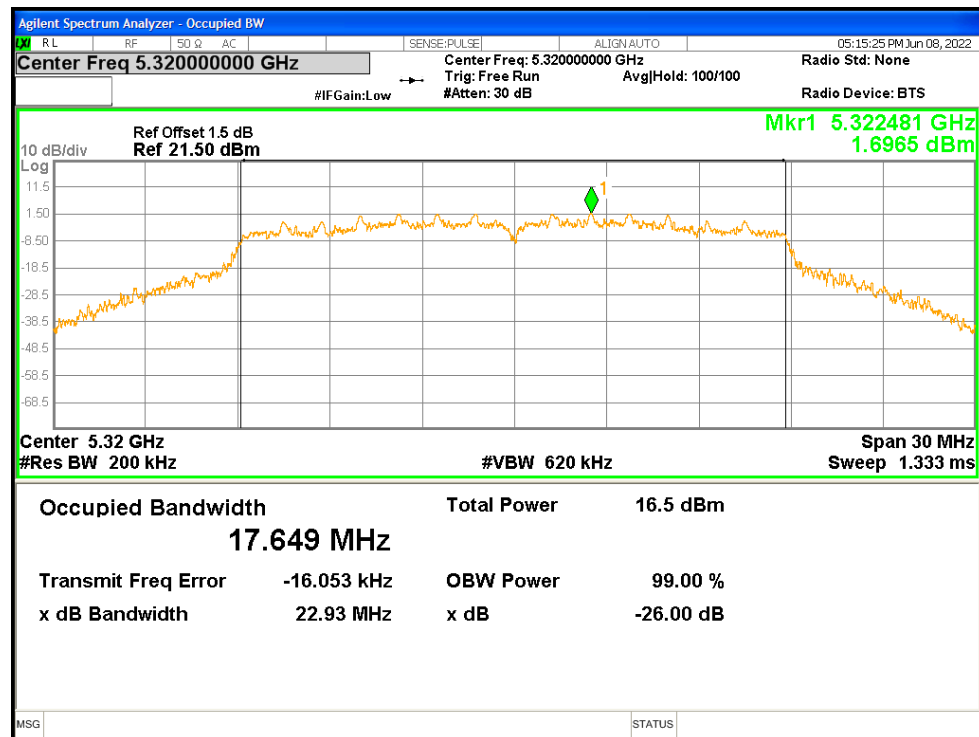
OBW NVNT ac20 5260MHz



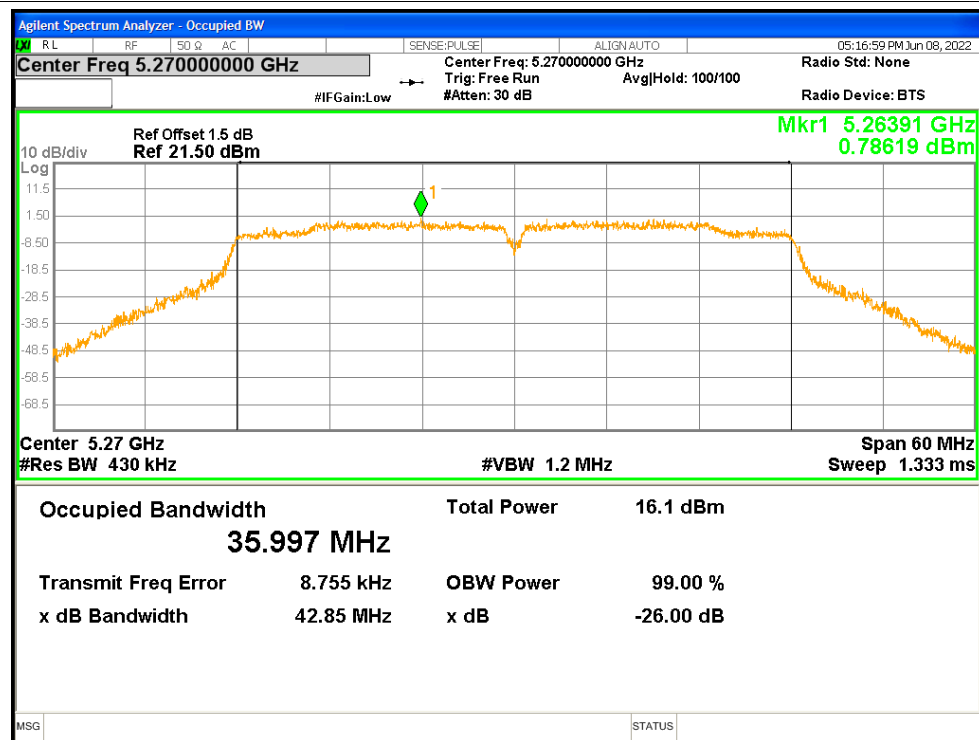
OBW NVNT ac20 5280MHz



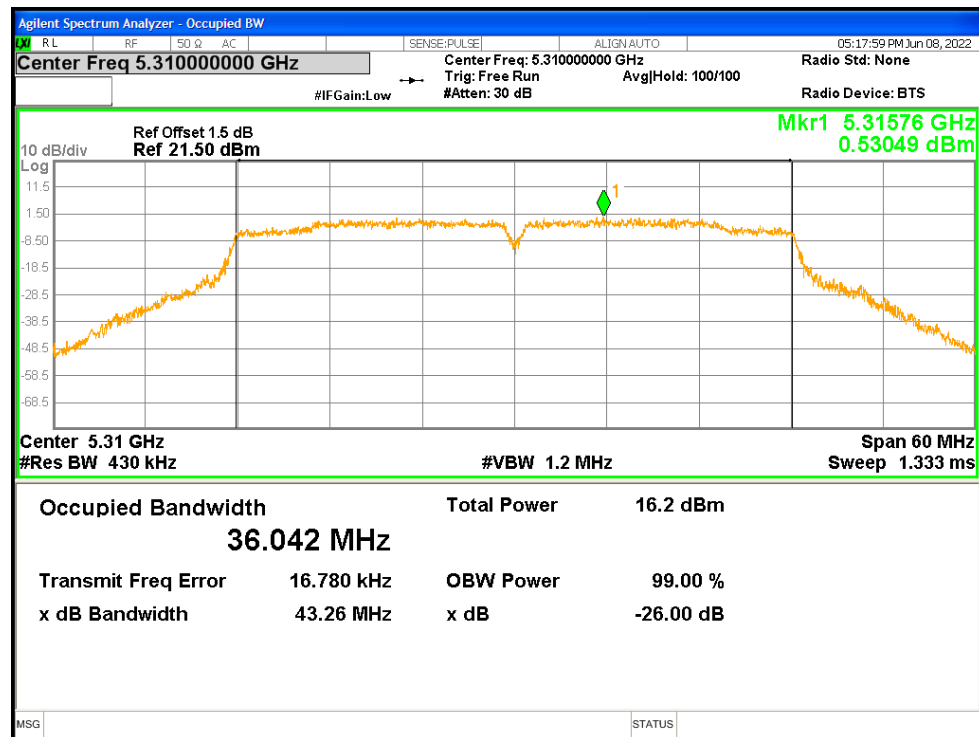
OBW NVNT ac20 5320MHz



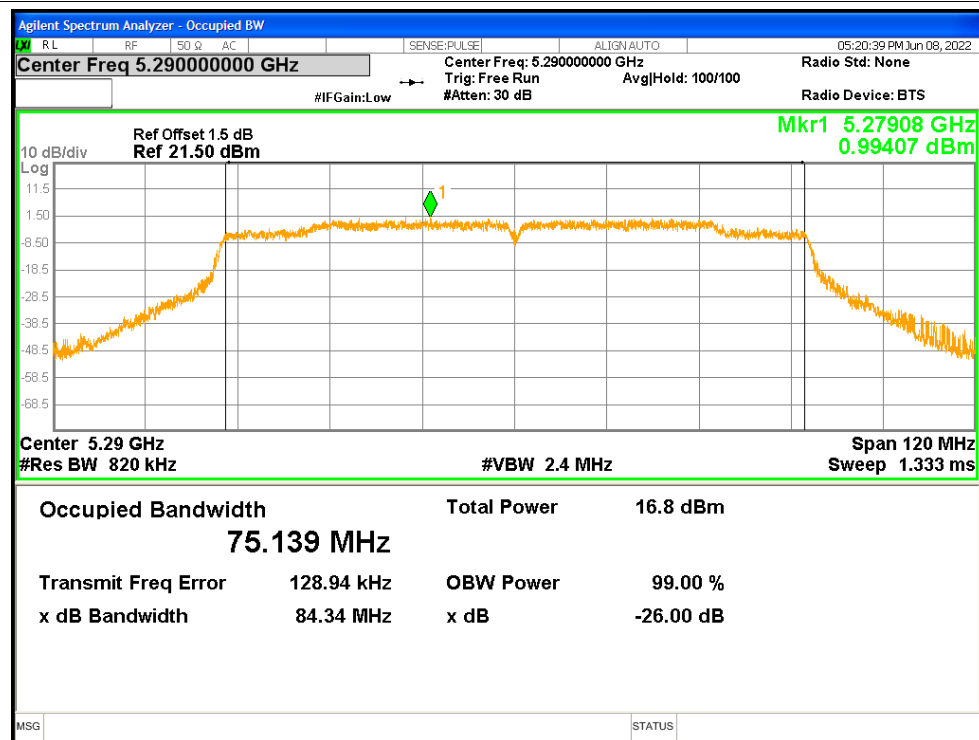
OBW NVNT ac40 5270MHz



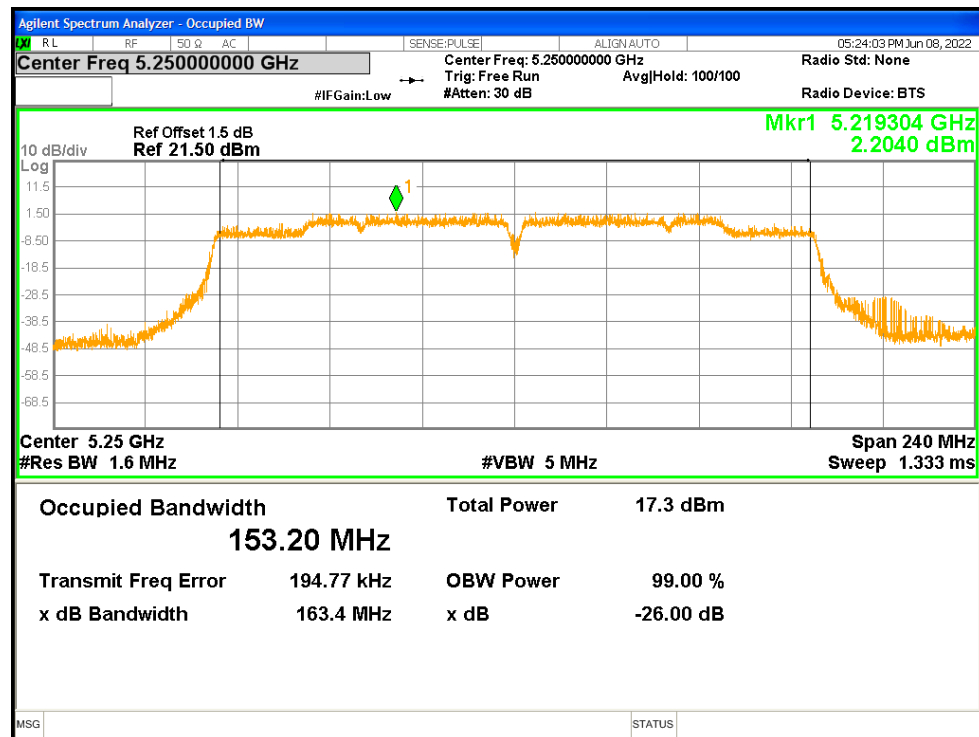
OBW NVNT ac40 5310MHz



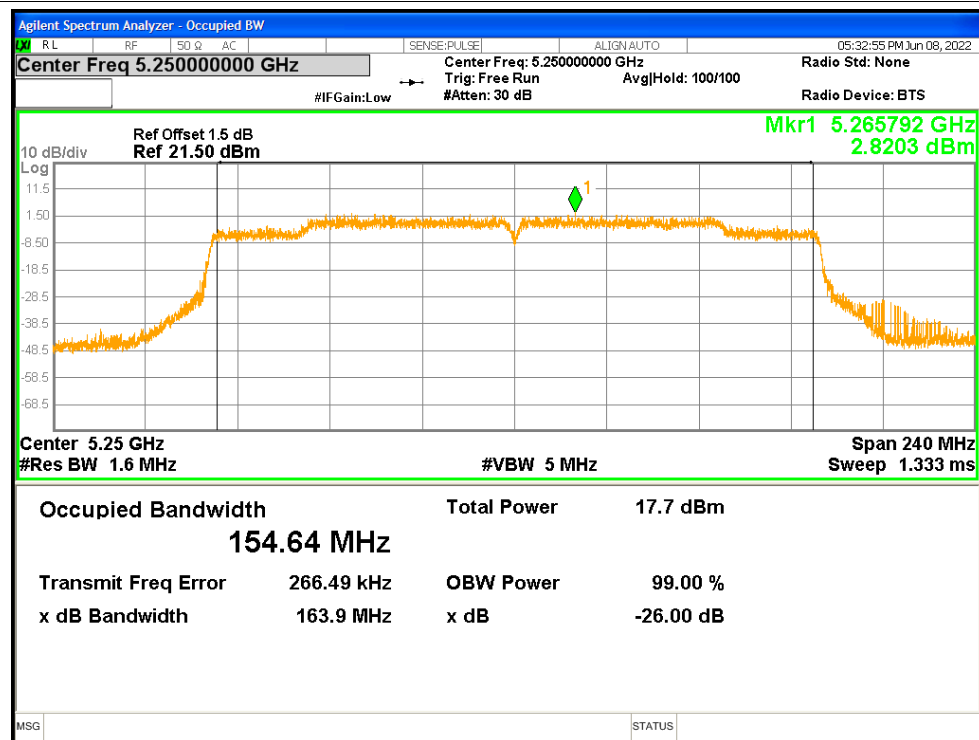
OBW NVNT ac80 5290MHz



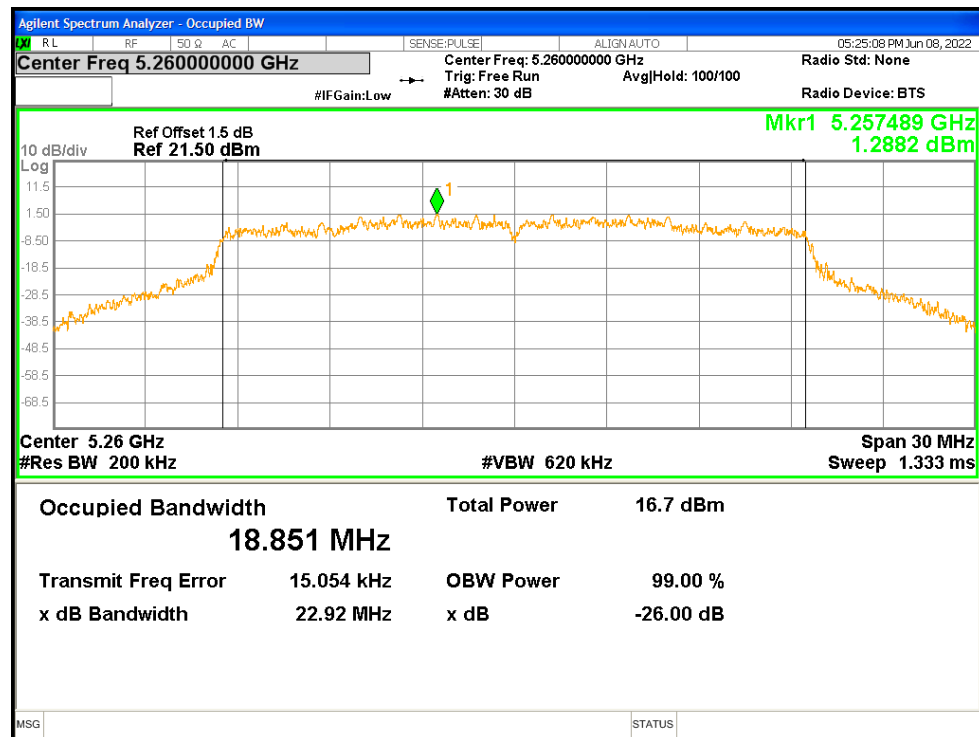
OBW NVNT ac160 5250MHz



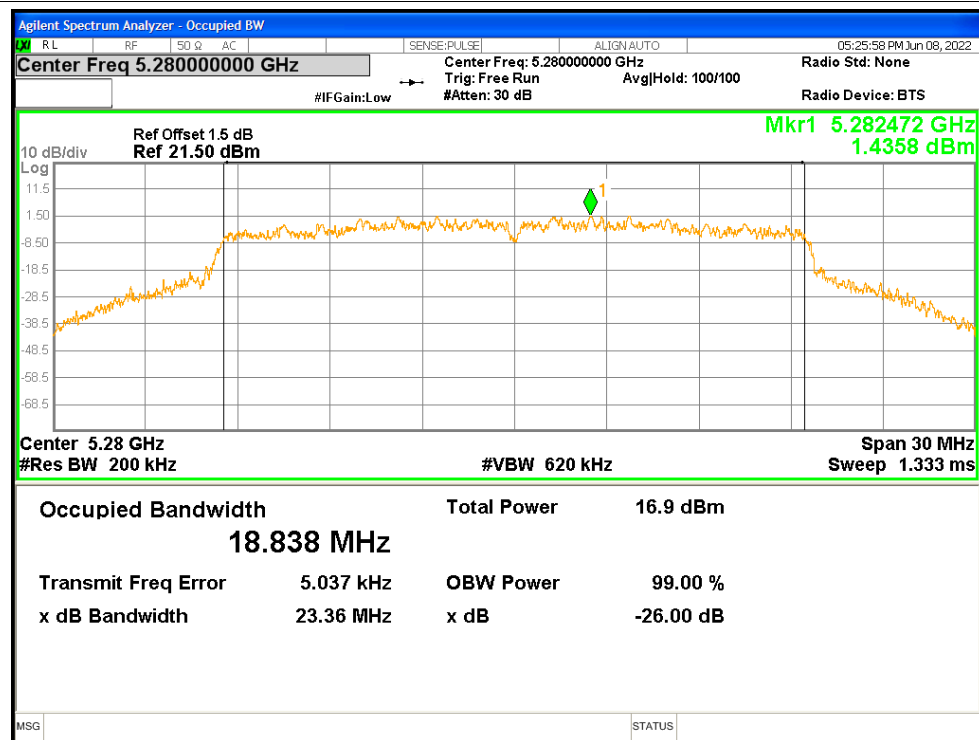
OBW NVNT ax160 5250MHz



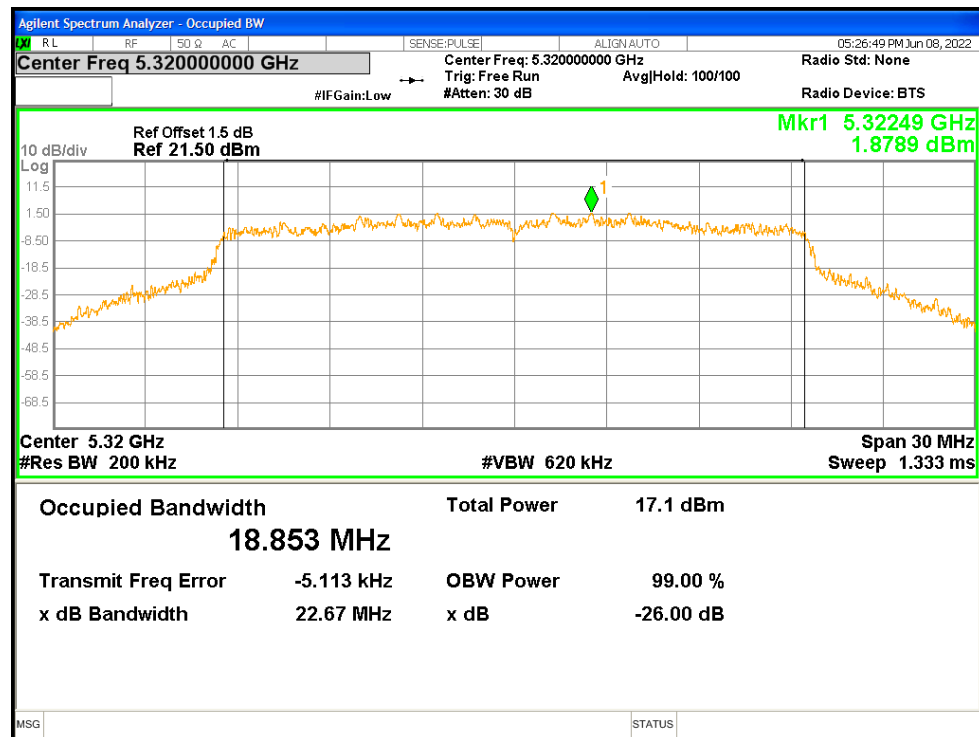
OBW NVNT ax20 5260MHz



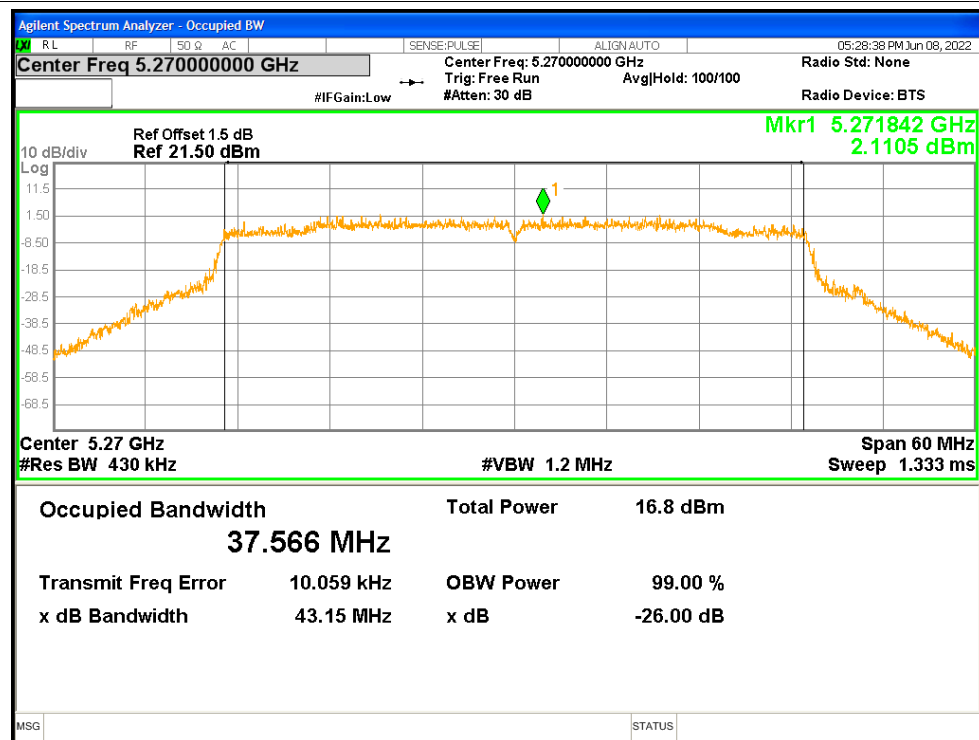
OBW NVNT ax20 5280MHz



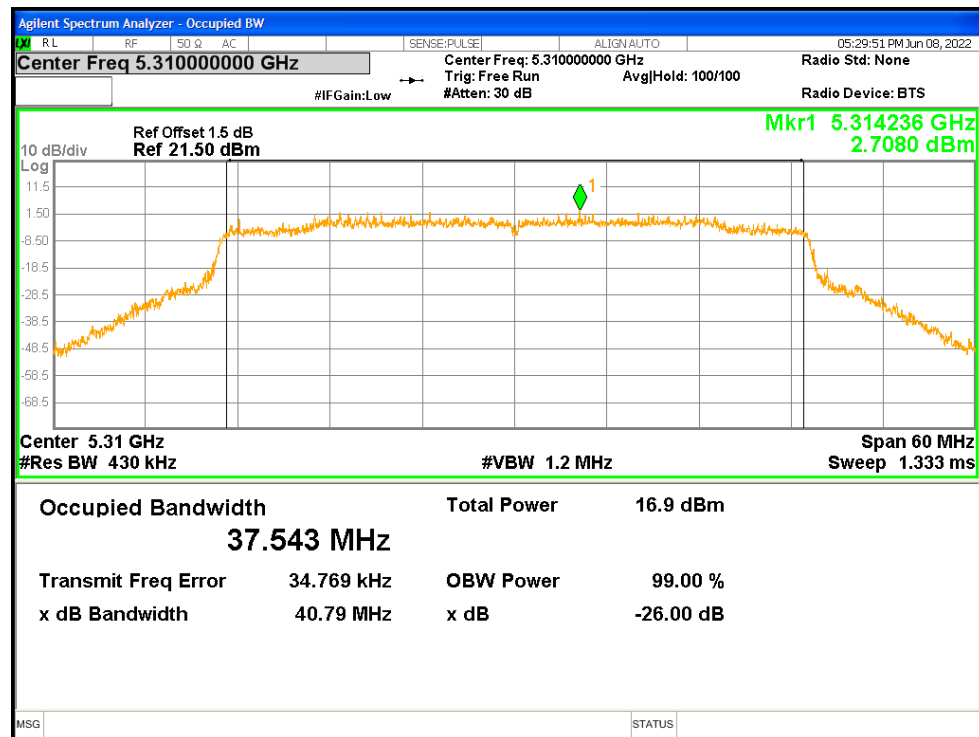
OBW NVNT ax20 5320MHz



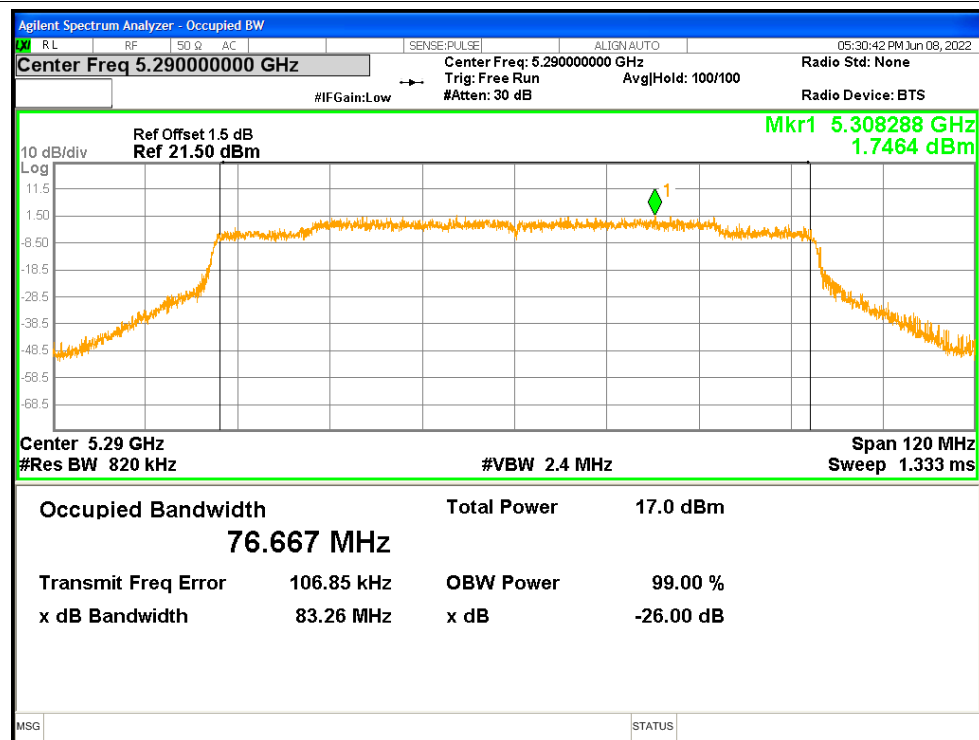
OBW NVNT ax40 5270MHz



OBW NVNT ax40 5310MHz



OBW NVNT ax80 5290MHz



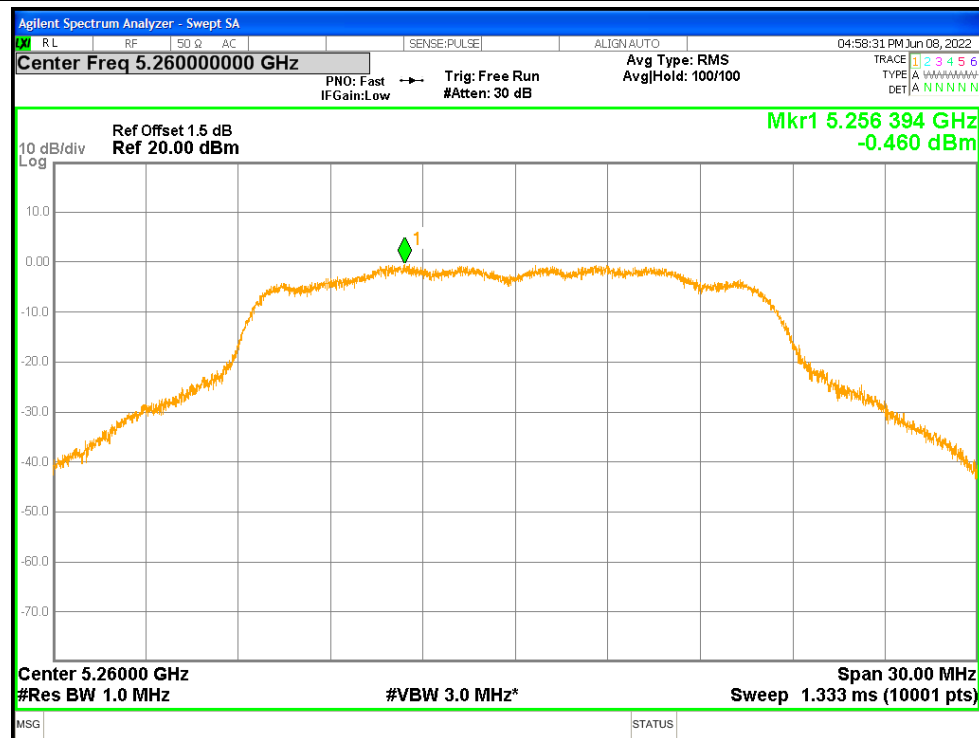
Maximum Power Spectral Density Level

5250-5350MHz								
Frequency	Direct measurement Ant_A Power Density (dBm)	Direct measurement Ant_B Power Density (dBm)	Duty cycle factor (dB)	Final Ant_A Power Density (dBm)	Final Ant_B Power Density (dBm)	Power Density Total (dBm)	Limit (dBm)	Result
802.11a								
5260	-0.46	-0.78	1.16	0.700	0.380	--	11	PASS
5300	-0.88	-1.02	1.16	0.280	0.140	--	11	PASS
5320	0.02	-0.66	1.18	1.200	0.520	--	11	PASS
802.11n20								
5260	-0.46	-1.08	1.02	0.560	-0.060	3.271	11	PASS
5300	-0.35	-0.98	1.02	0.670	0.040	3.377	11	PASS
5320	-0.07	-1.25	1.03	0.960	-0.220	3.420	11	PASS
802.11n40								
5270	-3.32	-4.22	0.99	-2.330	-3.230	0.254	11	PASS
5310	-3.1	-3.93	1	-2.100	-2.930	0.515	11	PASS
802.11ac20								
5260	-0.88	-1.11	1.08	0.200	-0.030	3.097	11	PASS
5300	-0.45	-0.93	1.09	0.640	0.160	3.417	11	PASS
5320	-0.11	-0.9	1.08	0.970	0.180	3.603	11	PASS
802.11ac40								
5270	-3.68	-4.12	1.13	-2.550	-2.990	0.246	11	PASS
5310	-3.25	-3.69	1.12	-2.130	-2.570	0.666	11	PASS
802.11ac80								
5290	-6.56	-6.87	1.09	-5.470	-5.780	-2.612	11	PASS
802.11ac160								
5250	-9.18	-9.71	1.09	-8.090	-8.620	-5.337	12	PASS
802.11ax20								
5260	0.001	-0.8	0.72	0.721	-0.080	3.349	11	PASS
5300	-0.24	-0.86	0.74	0.500	-0.120	3.211	11	PASS
5320	0.2	-0.4	0.73	0.930	0.330	3.651	11	PASS
802.11ax40								
5270	-3.61	-4.25	1.02	-2.590	-3.230	0.112	11	PASS
5310	-3.78	-3.88	1.05	-2.730	-2.830	0.231	11	PASS
802.11ax80								
5290	-6.68	-7.35	1.11	-5.570	-6.240	-2.882	11	PASS
802.11ax160								
5250	-9.3	-10.1	1.1	-8.200	-9.000	-5.571	11	PASS

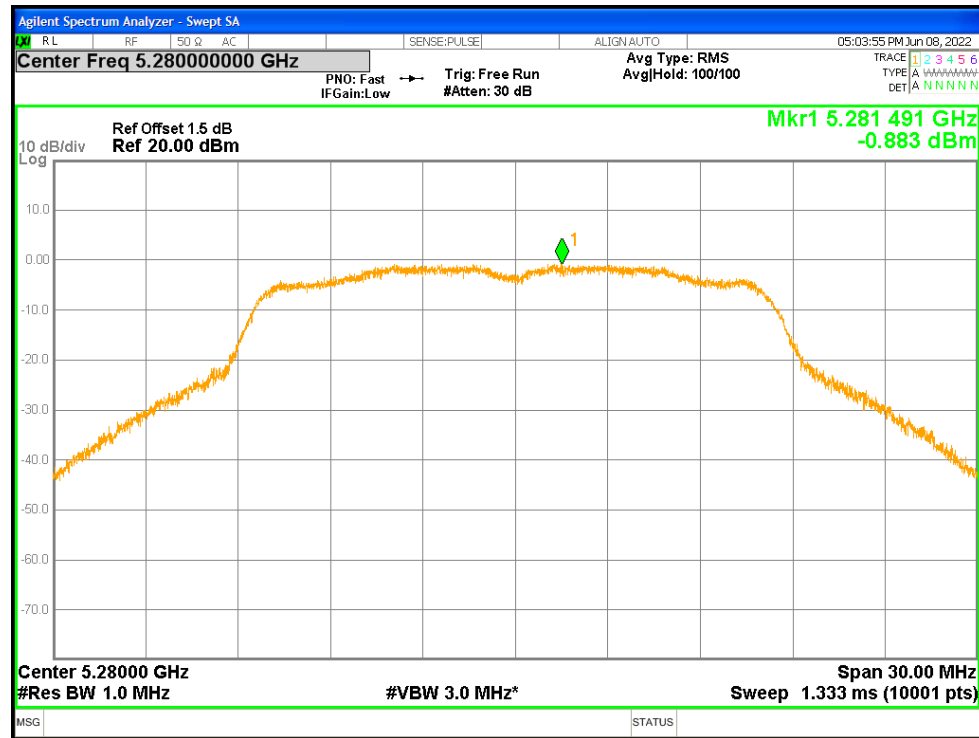
ANT_A

Test Graphs

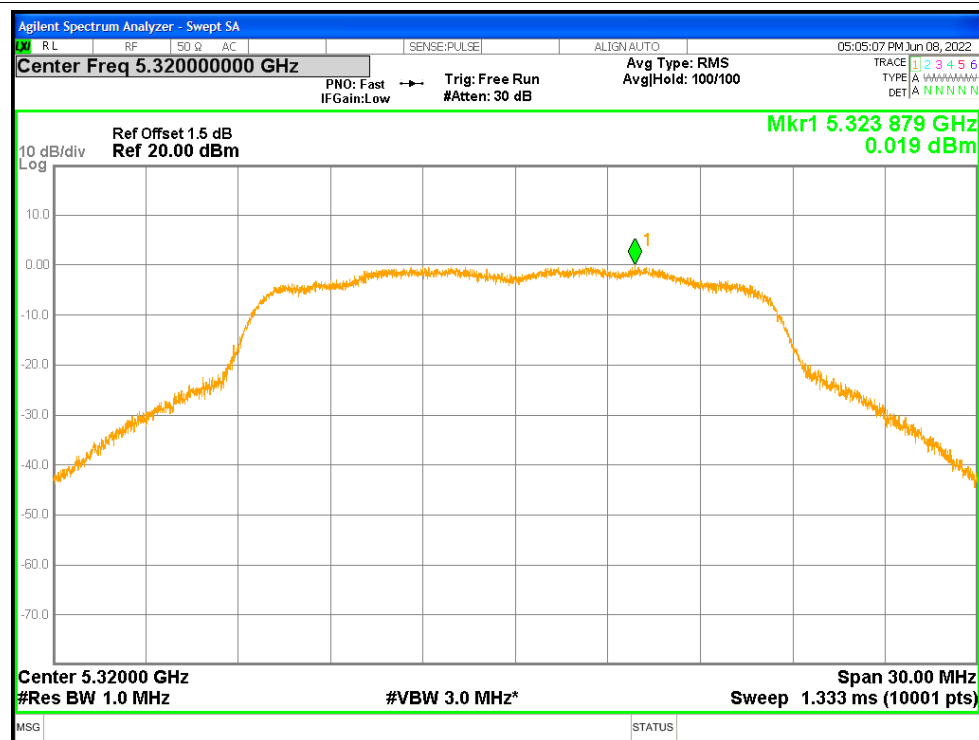
PSD NVNT a 5260MHz



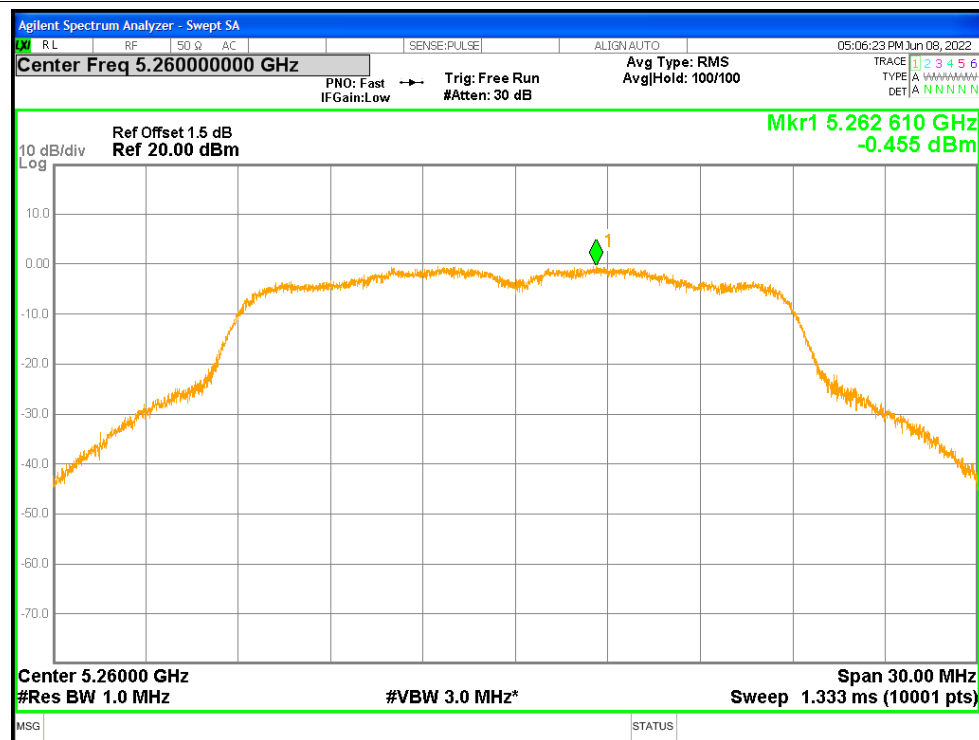
PSD NVNT a 5280MHz



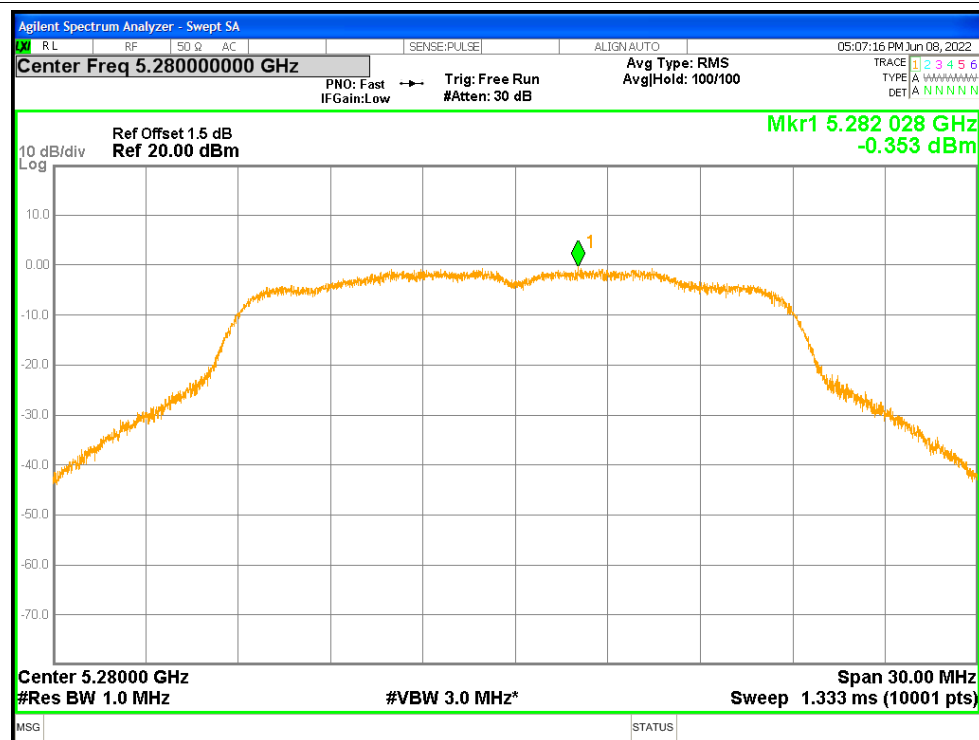
PSD NVNT a 5320MHz



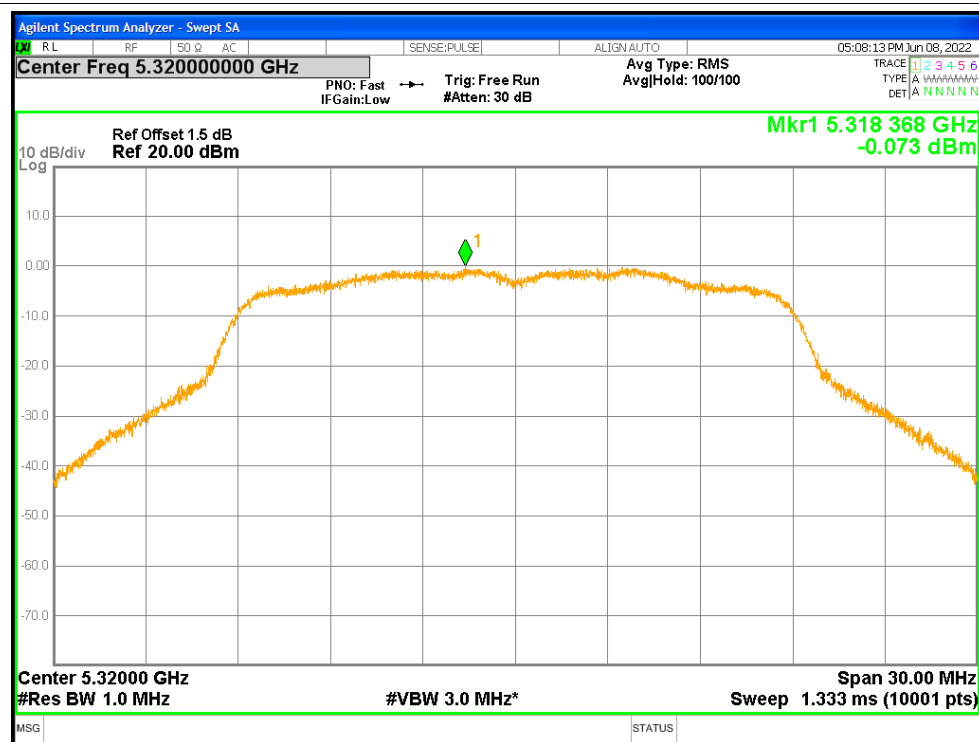
PSD NVNT n20 5260MHz



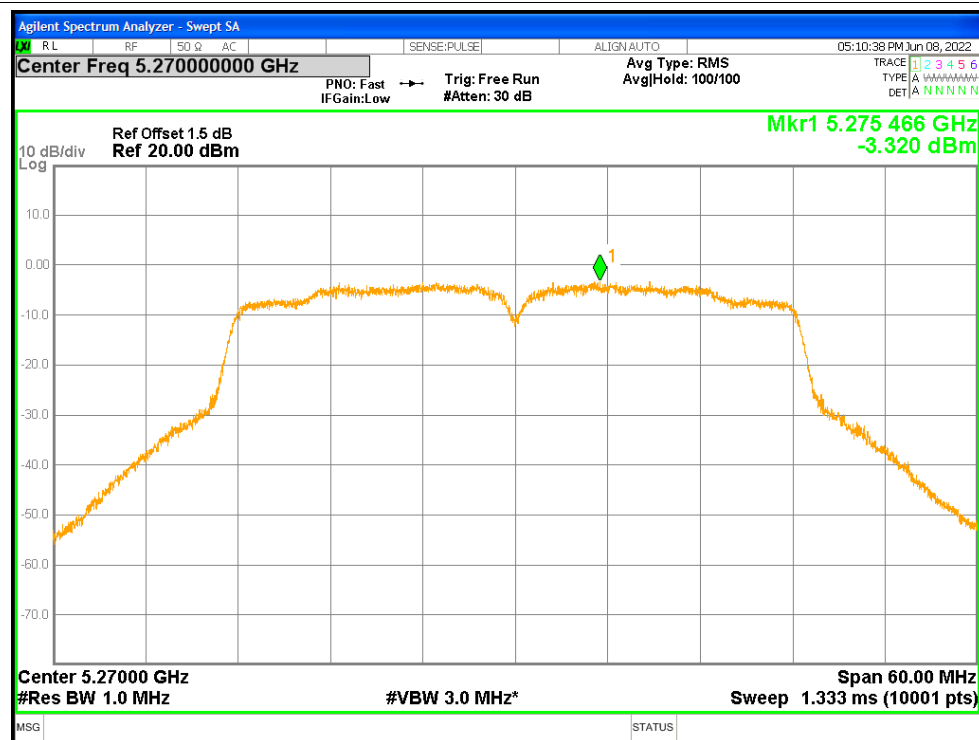
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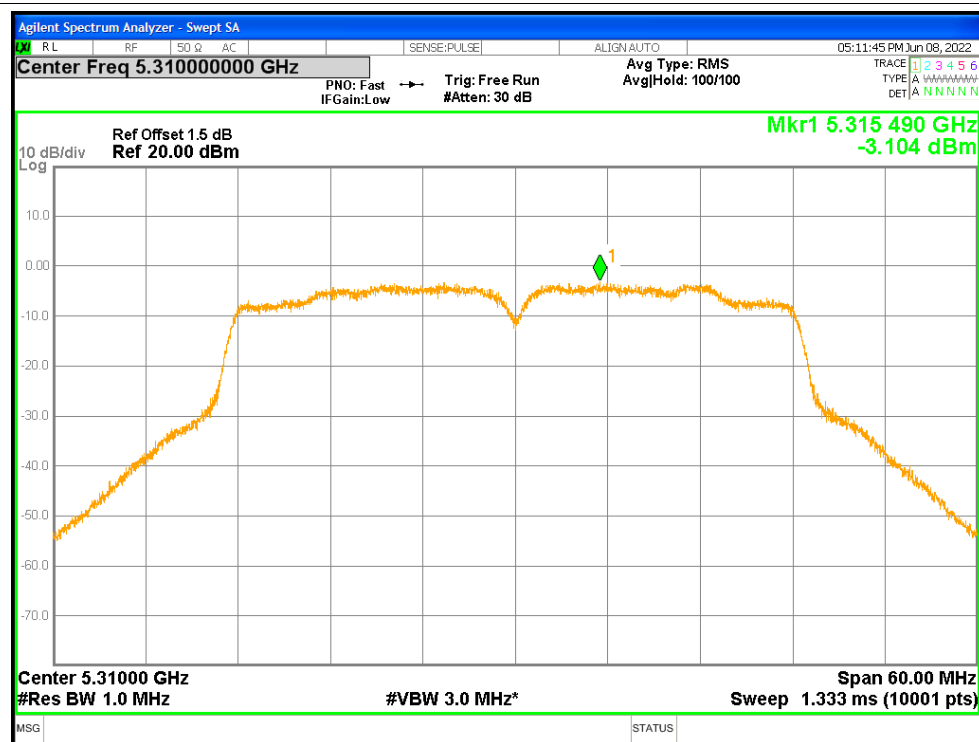
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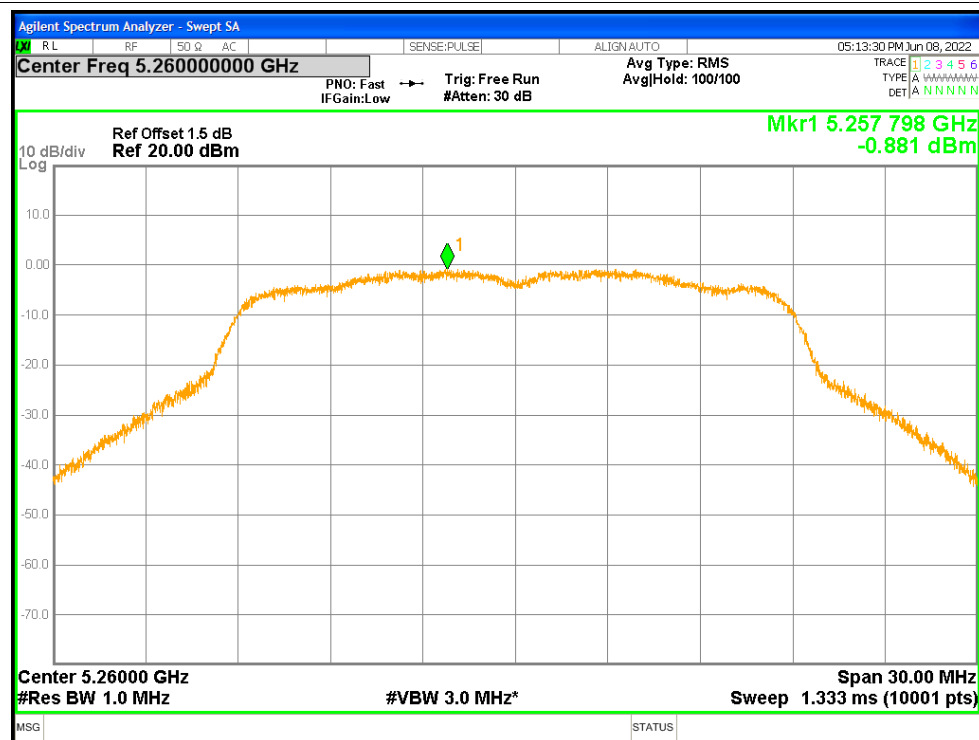
PSD NVNT n40 5270MHz



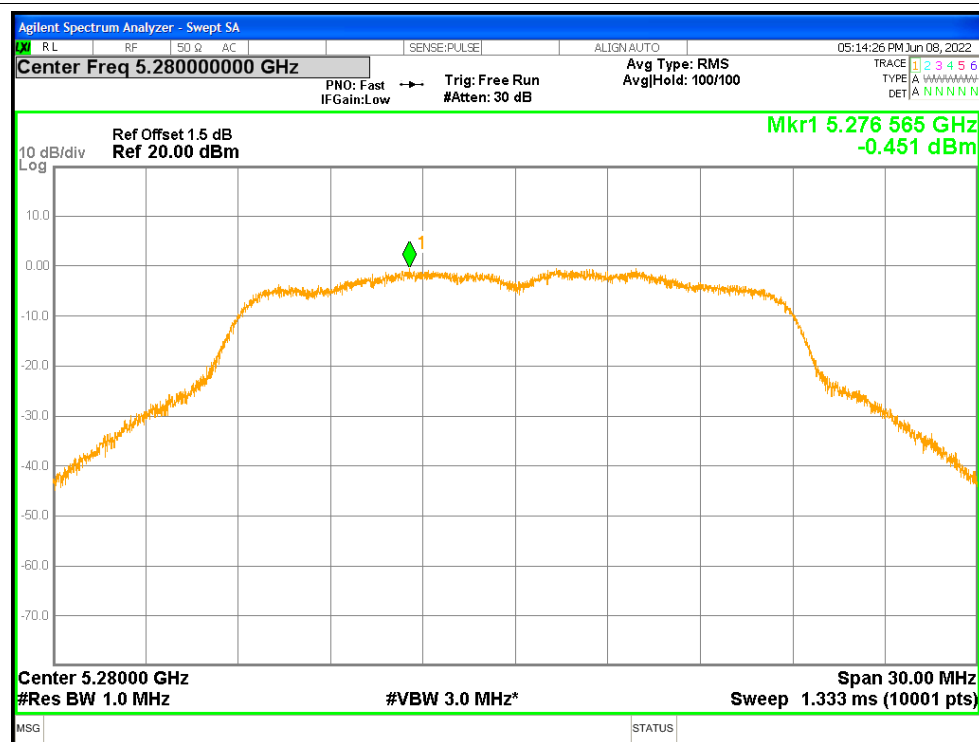
PSD NVNT n40 5310MHz



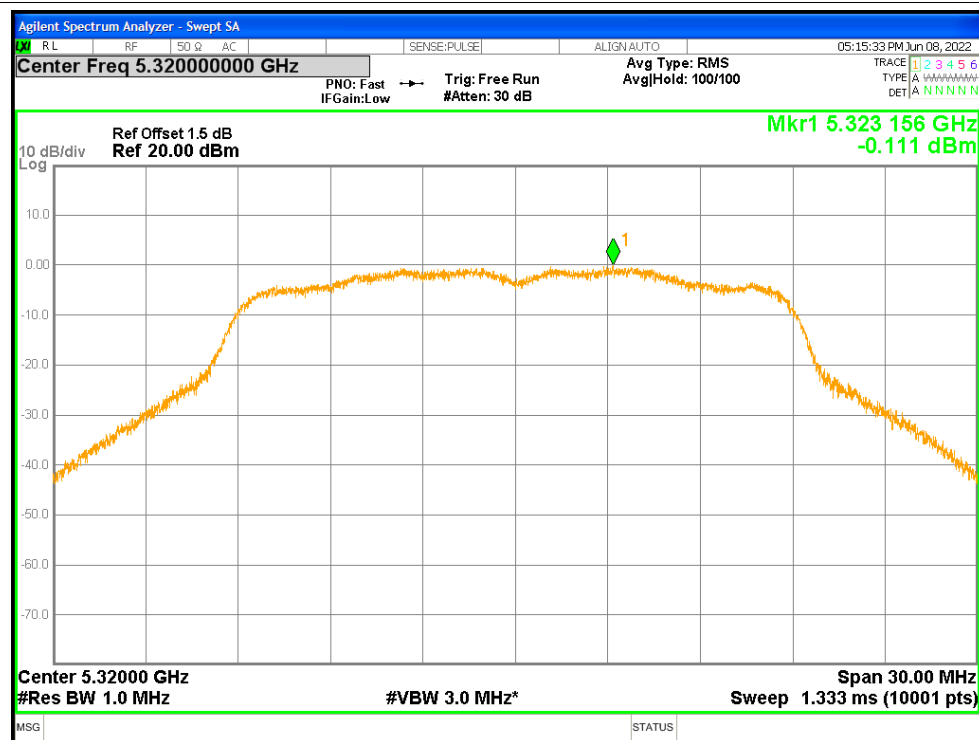
PSD NVNT ac20 5260MHz



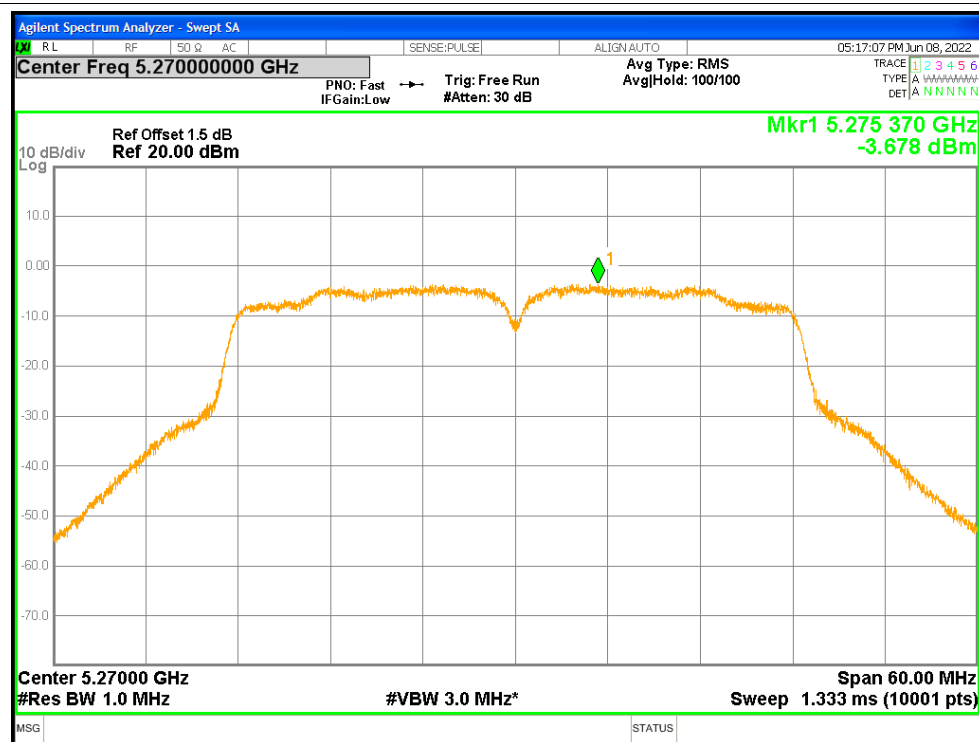
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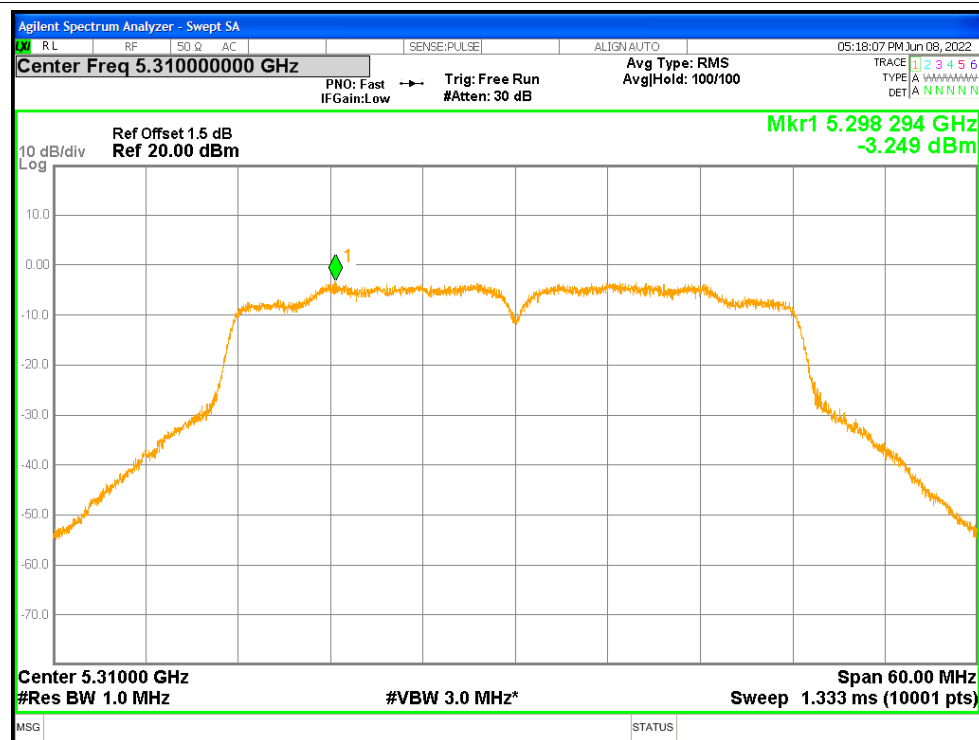
PSD NVNT ac20 5320MHz



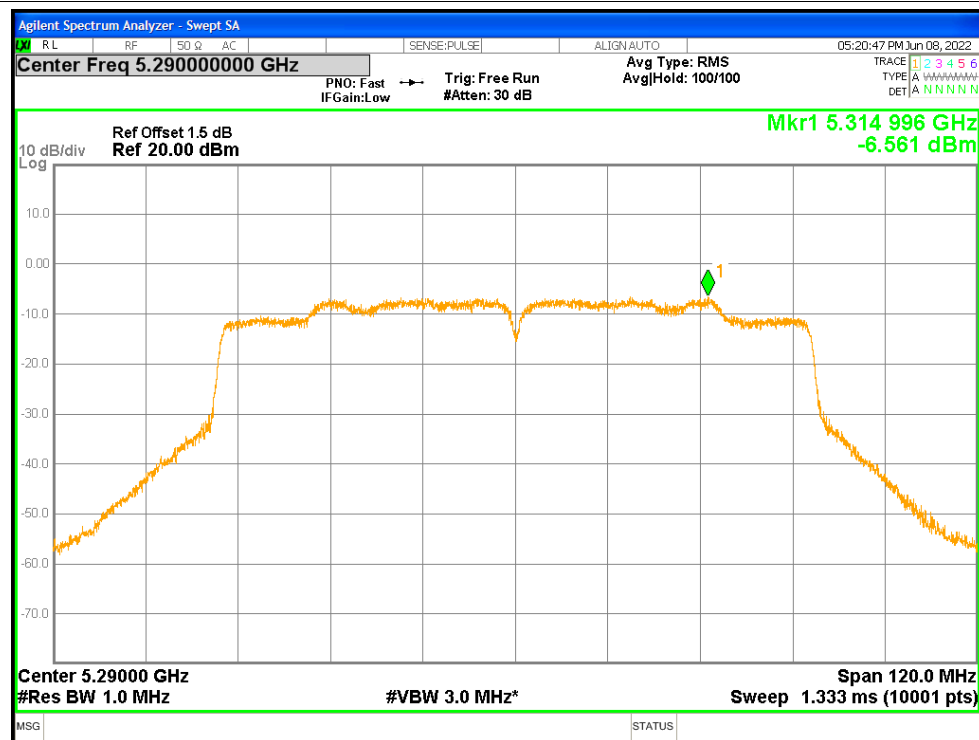
PSD NVNT ac40 5270MHz



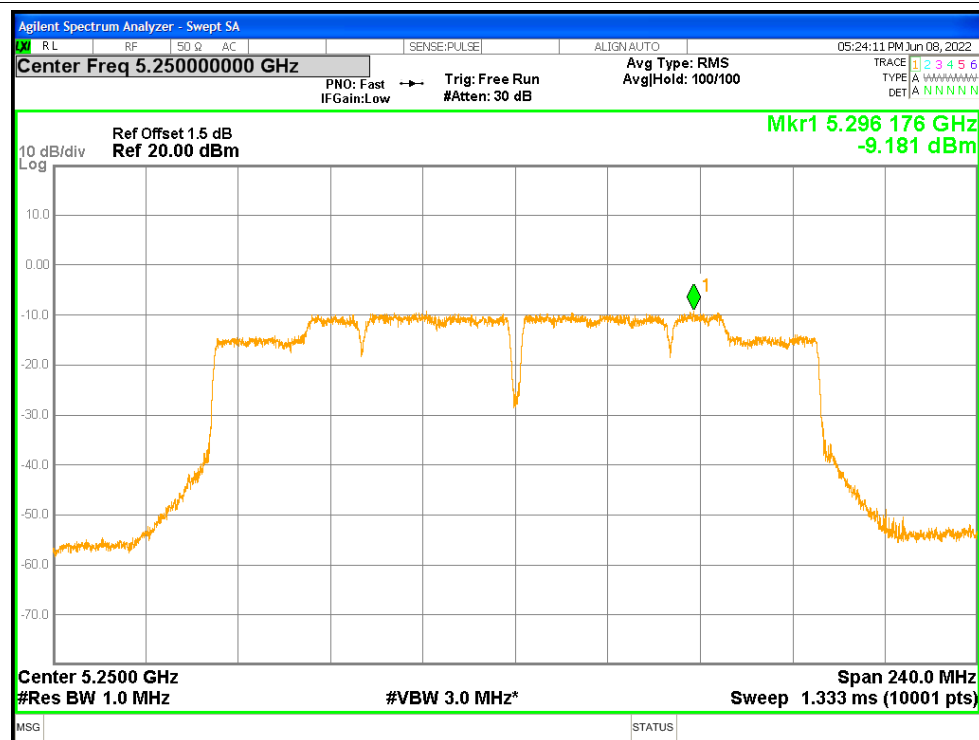
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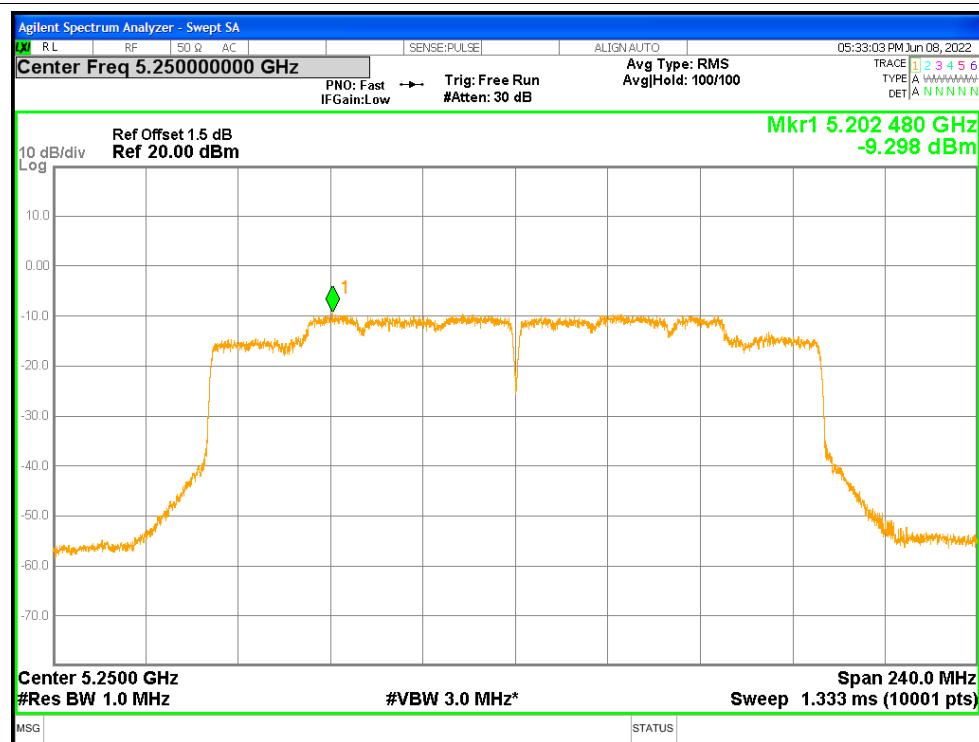
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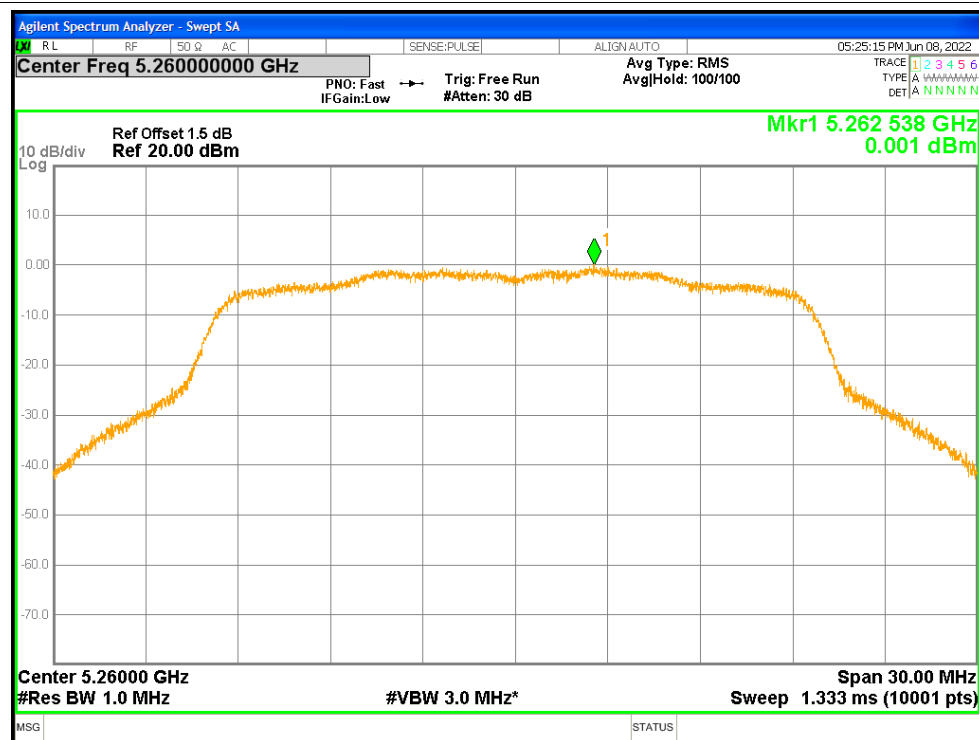
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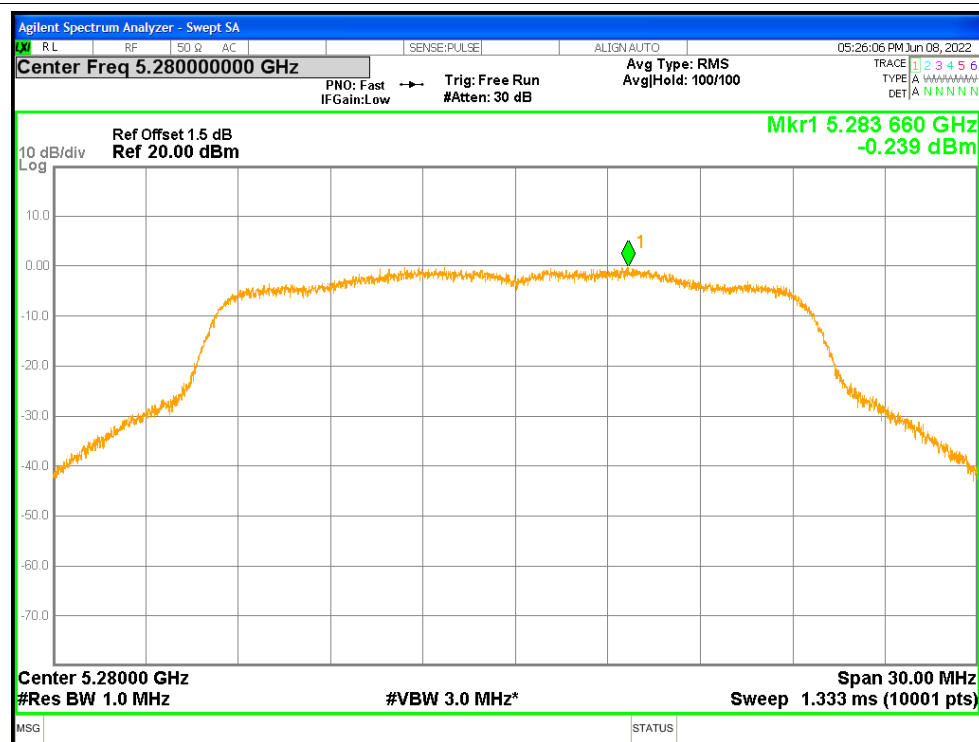
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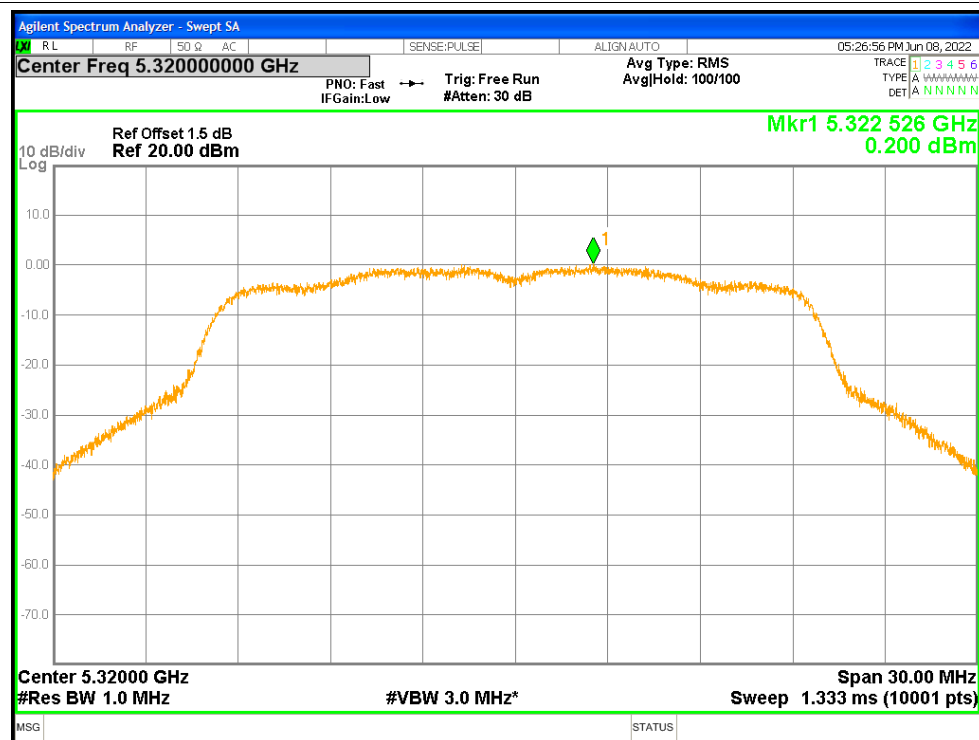
PSD NVNT ax20 5260MHz



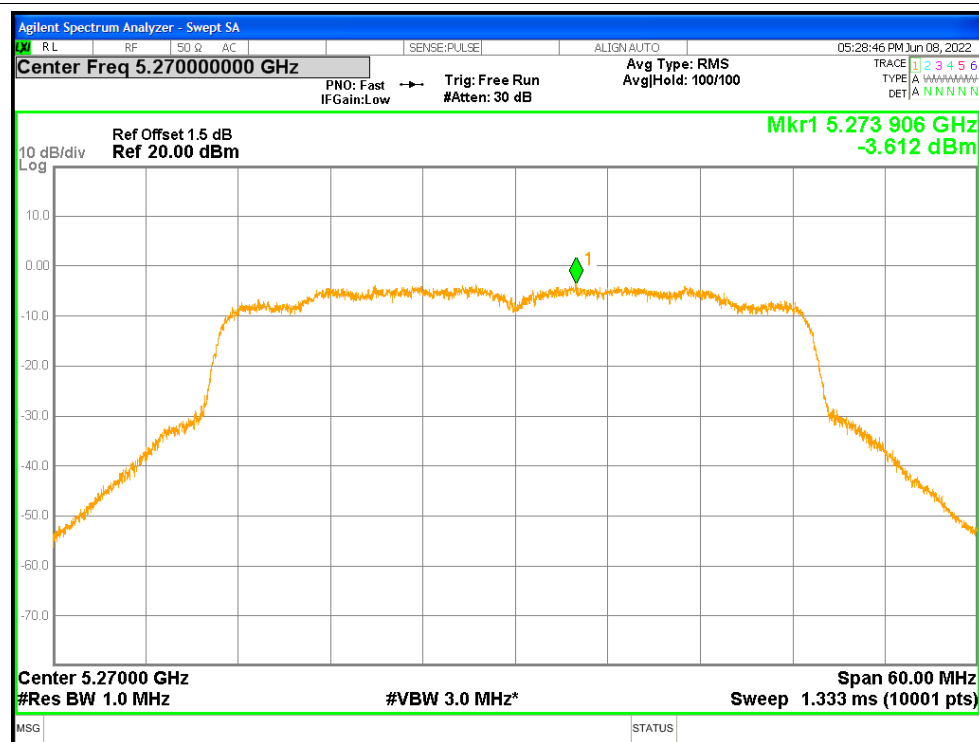
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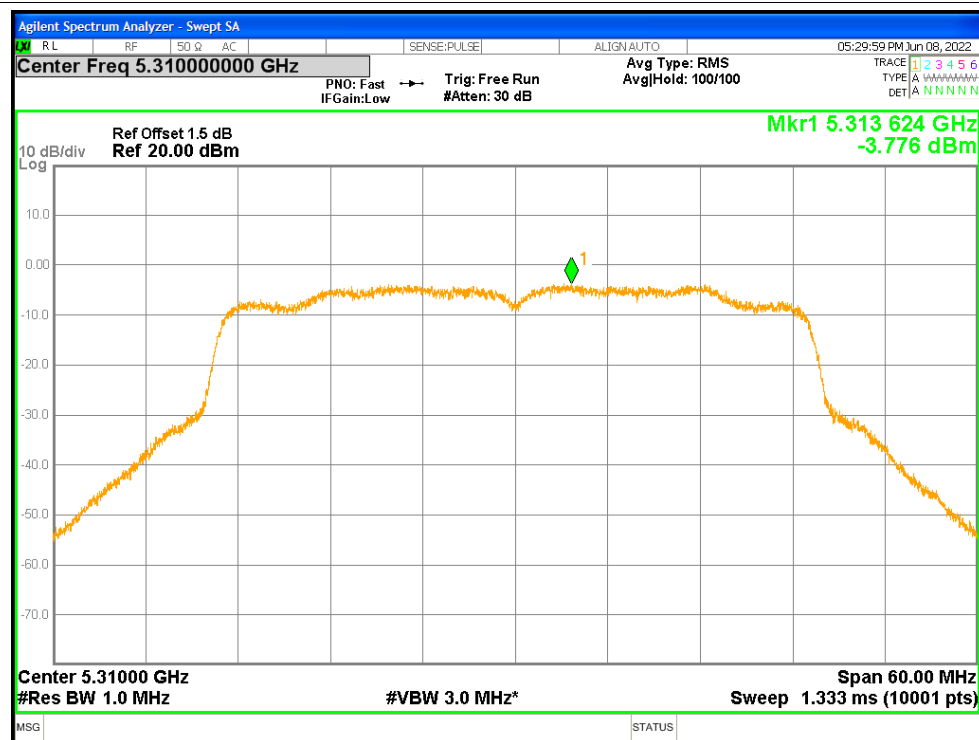
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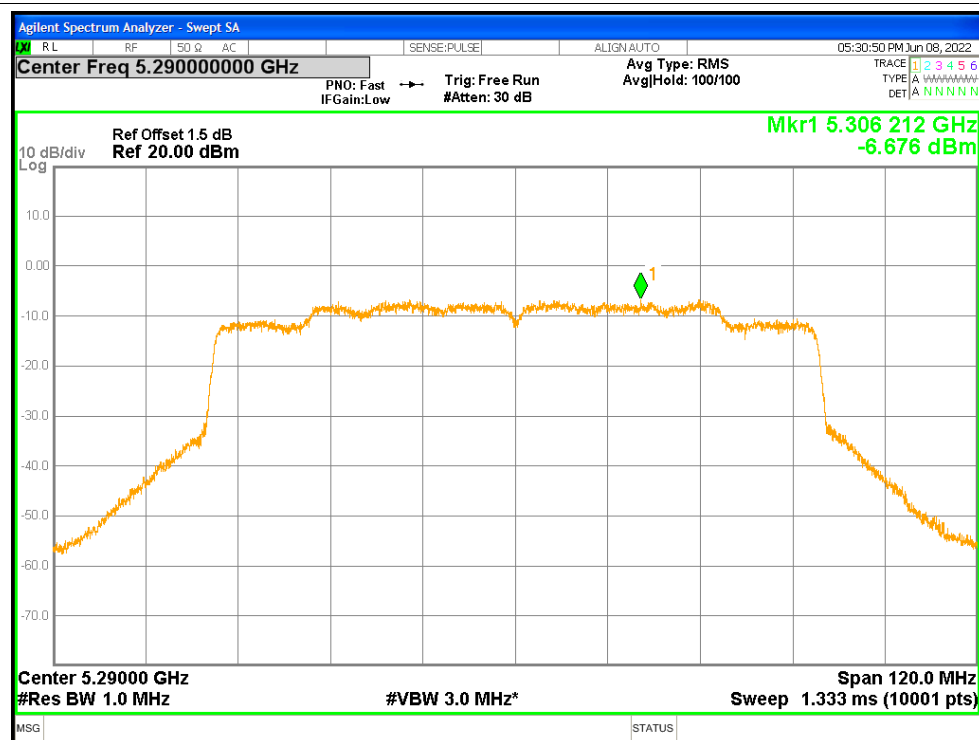
PSD NVNT ax40 5270MHz



PSD NVNT ax40 5310MHz

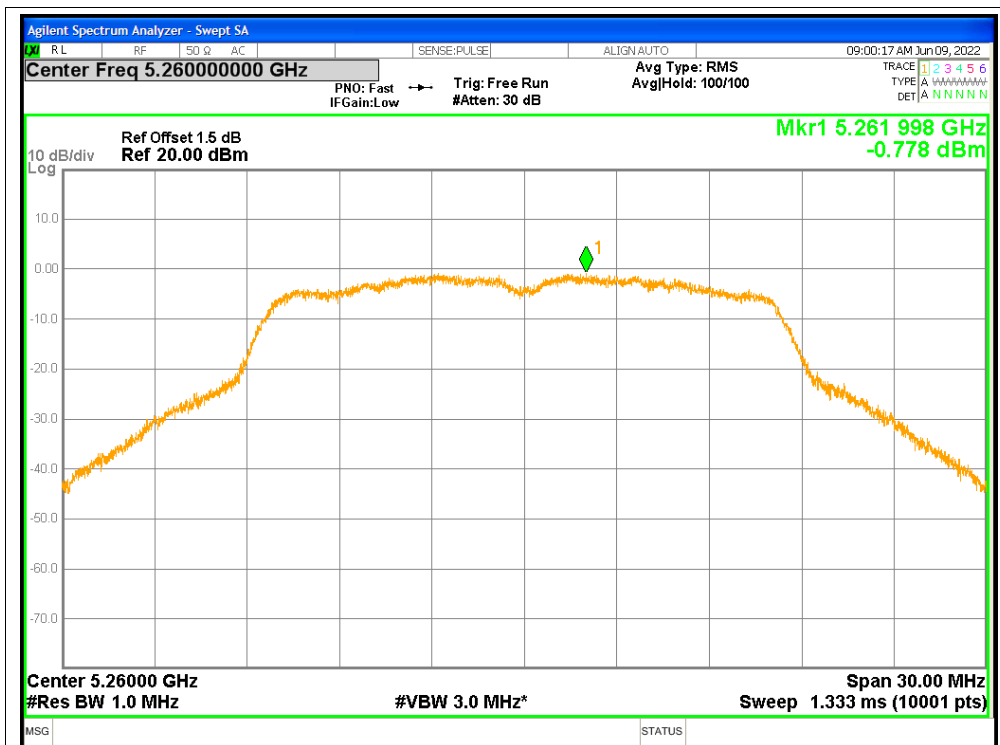


PSD NVNT ax80 5290MHz

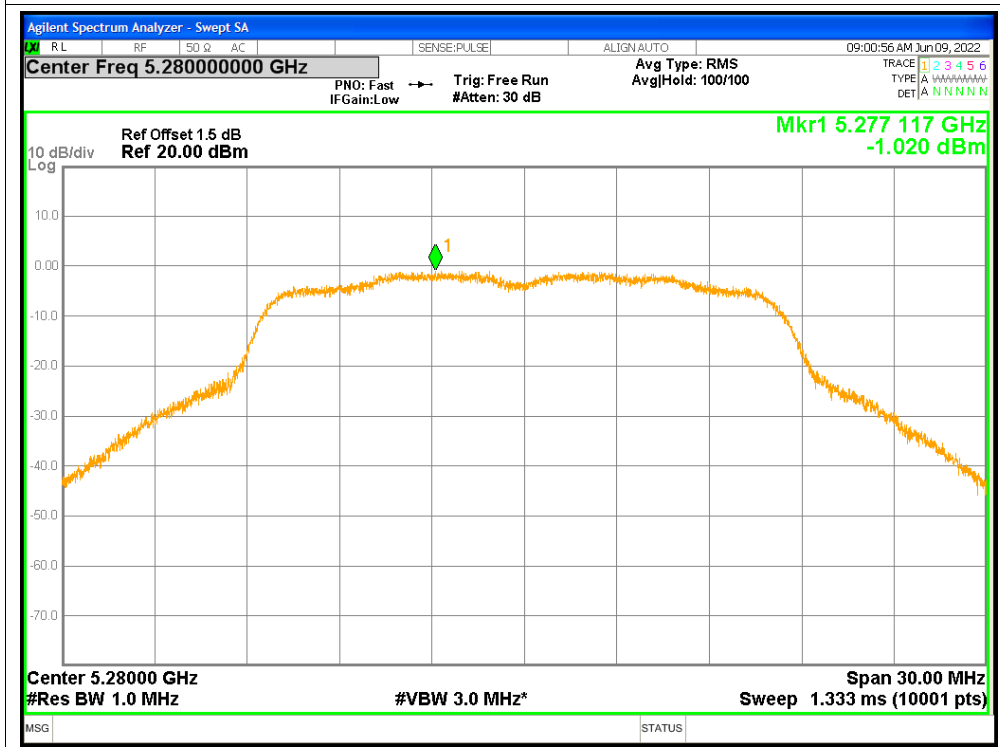


Test Graphs

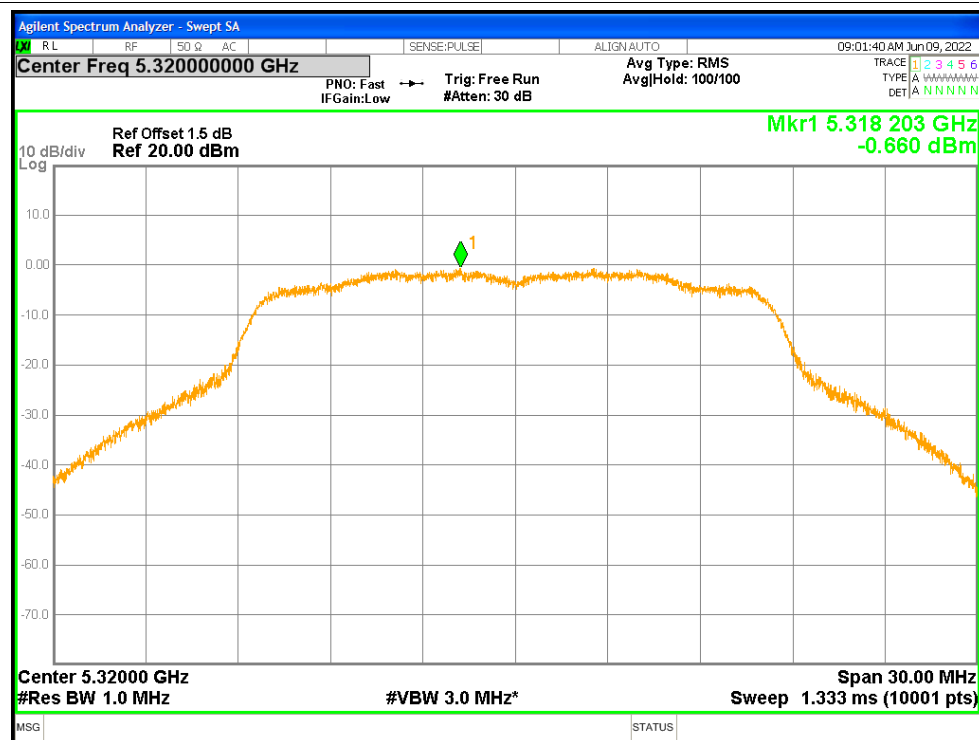
PSD NVNT a 5260MHz



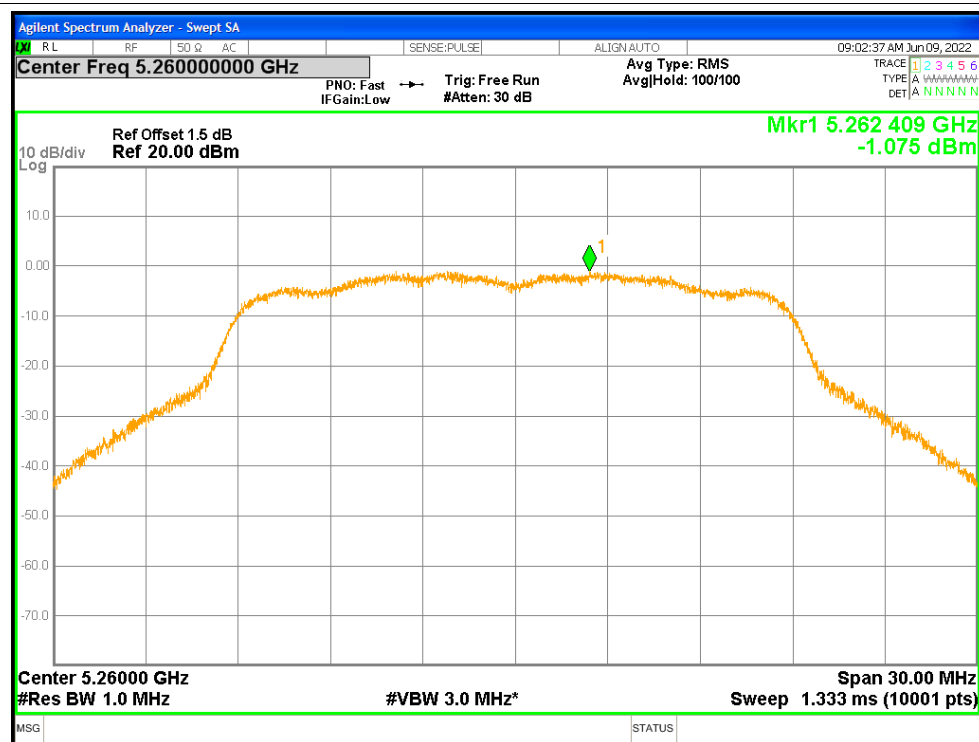
PSD NVNT a 5280MHz



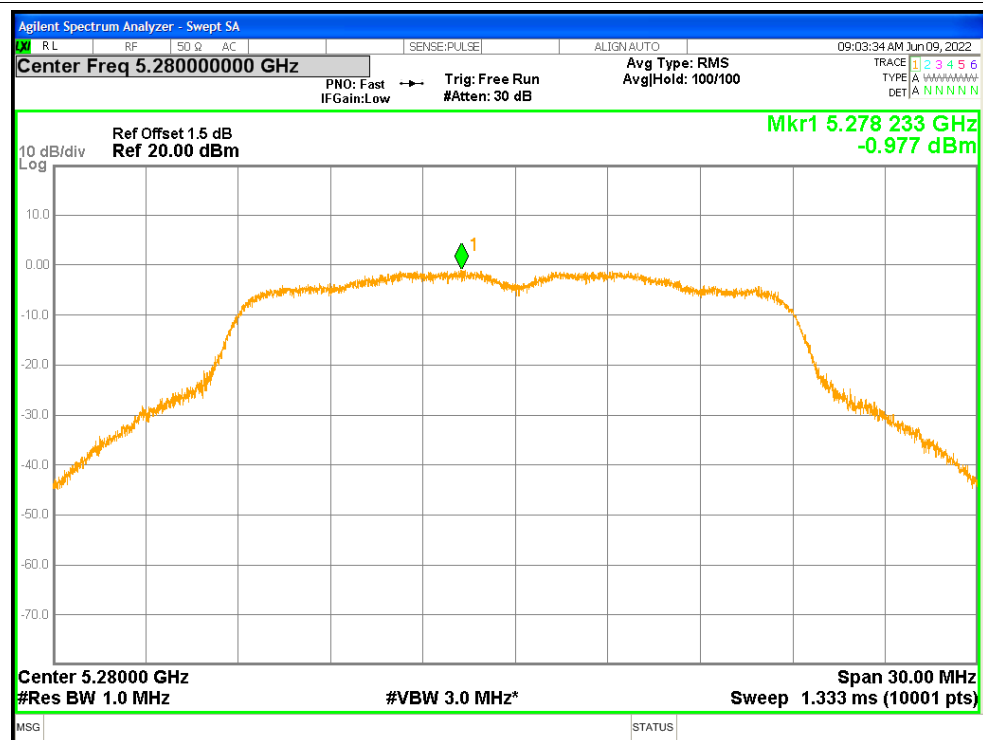
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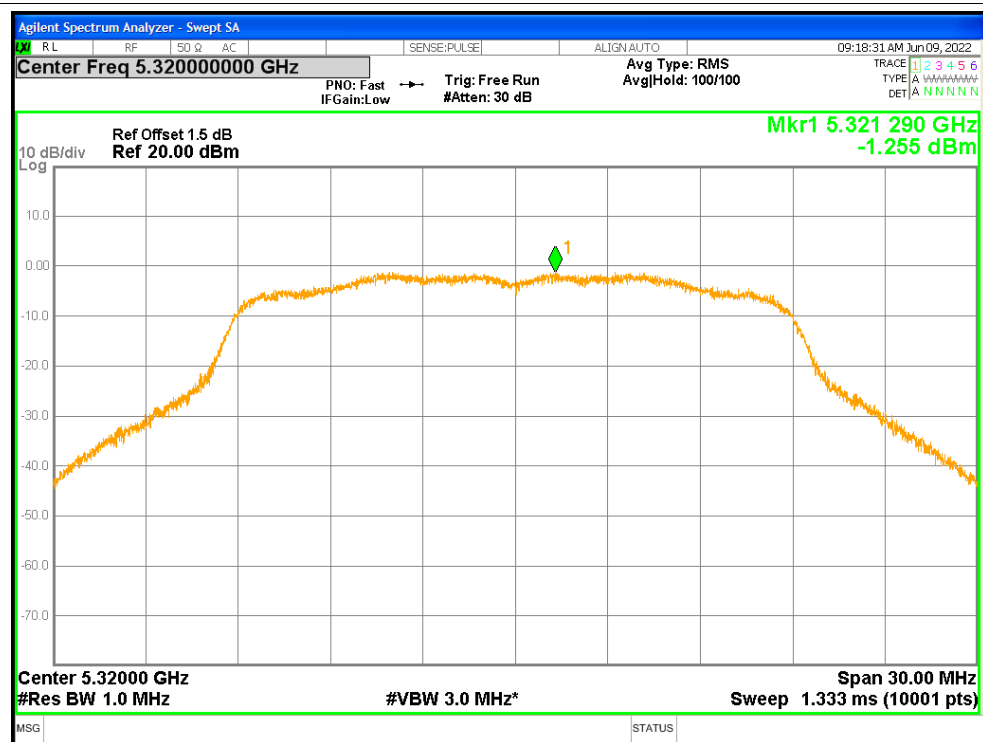
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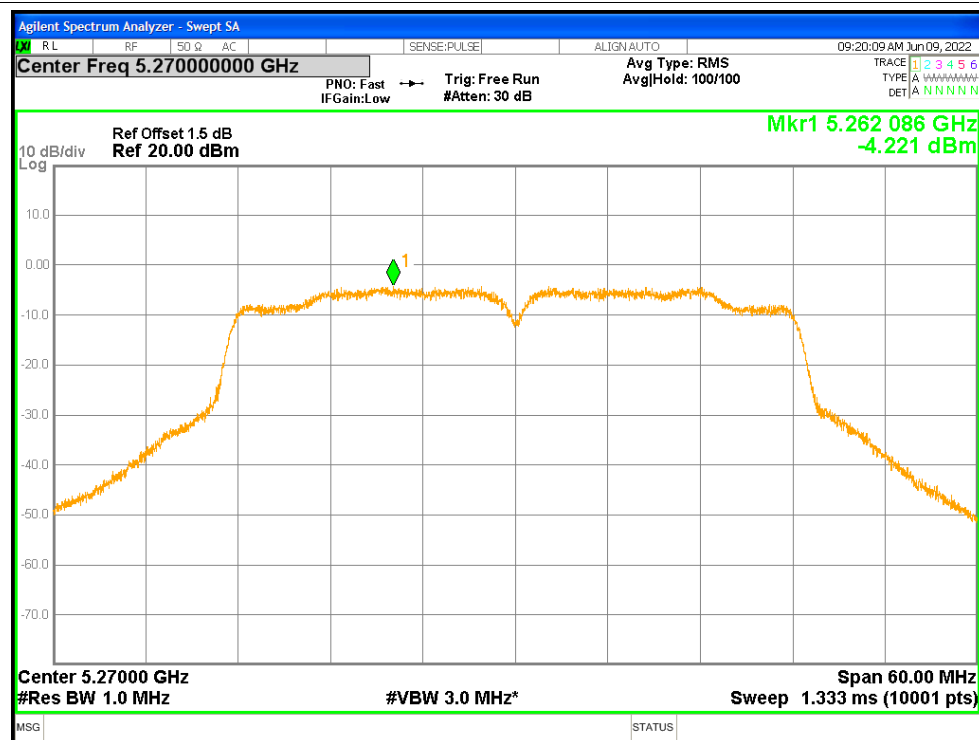
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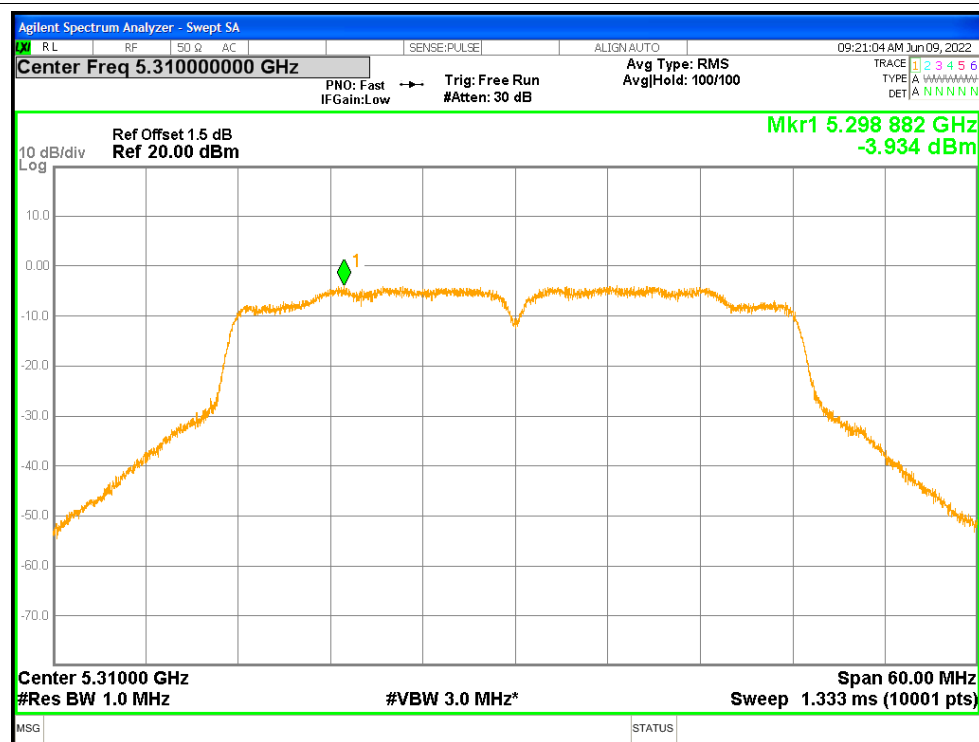
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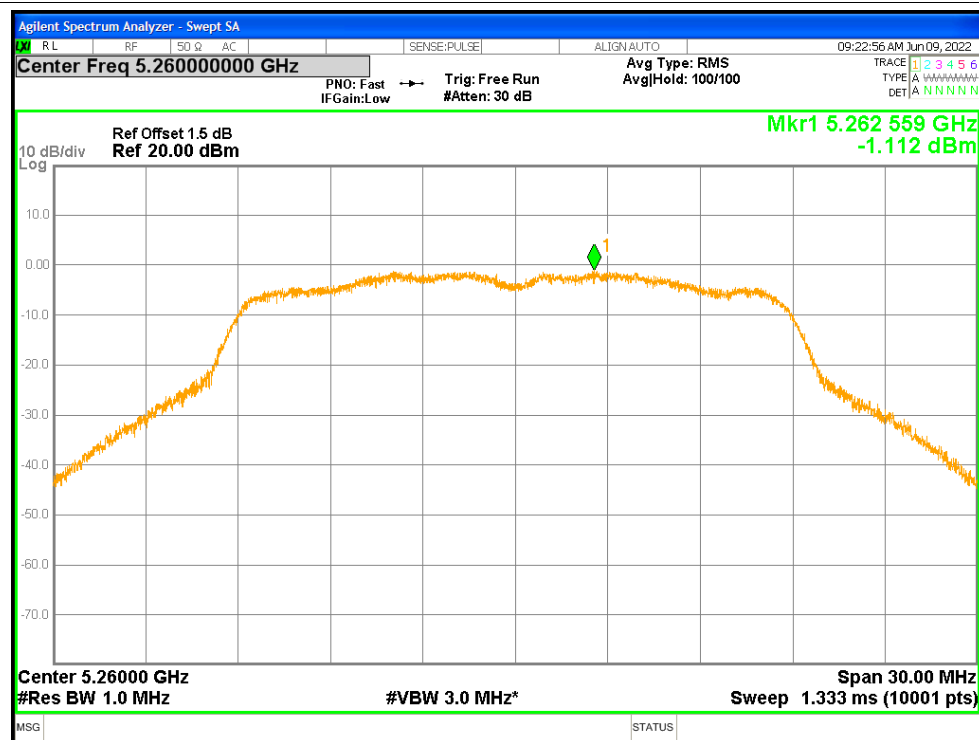
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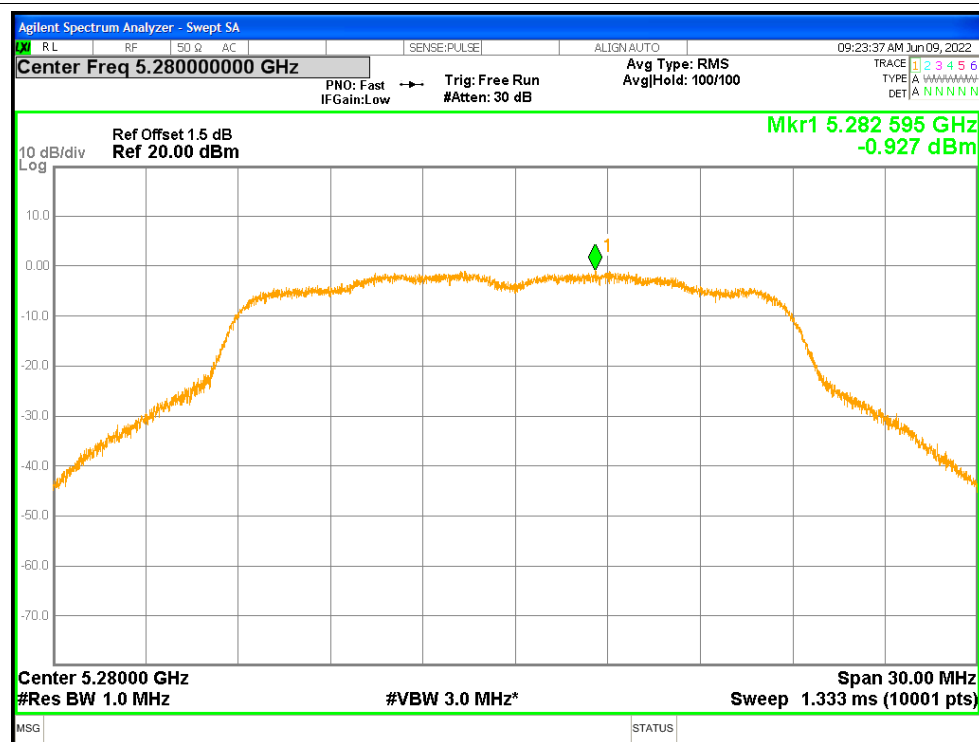
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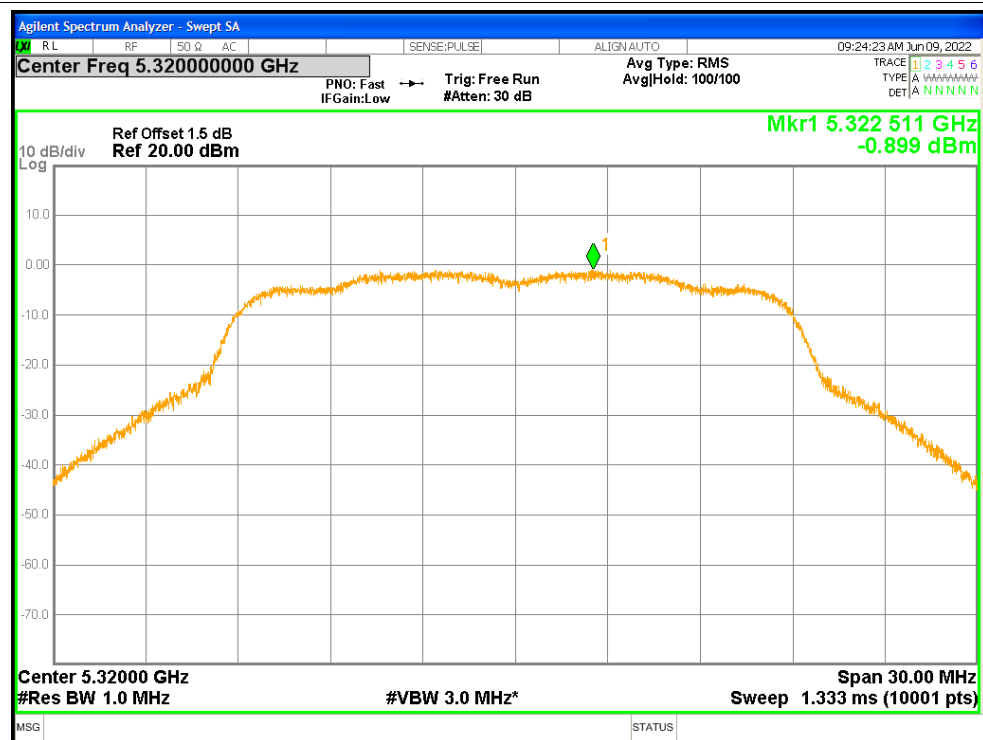
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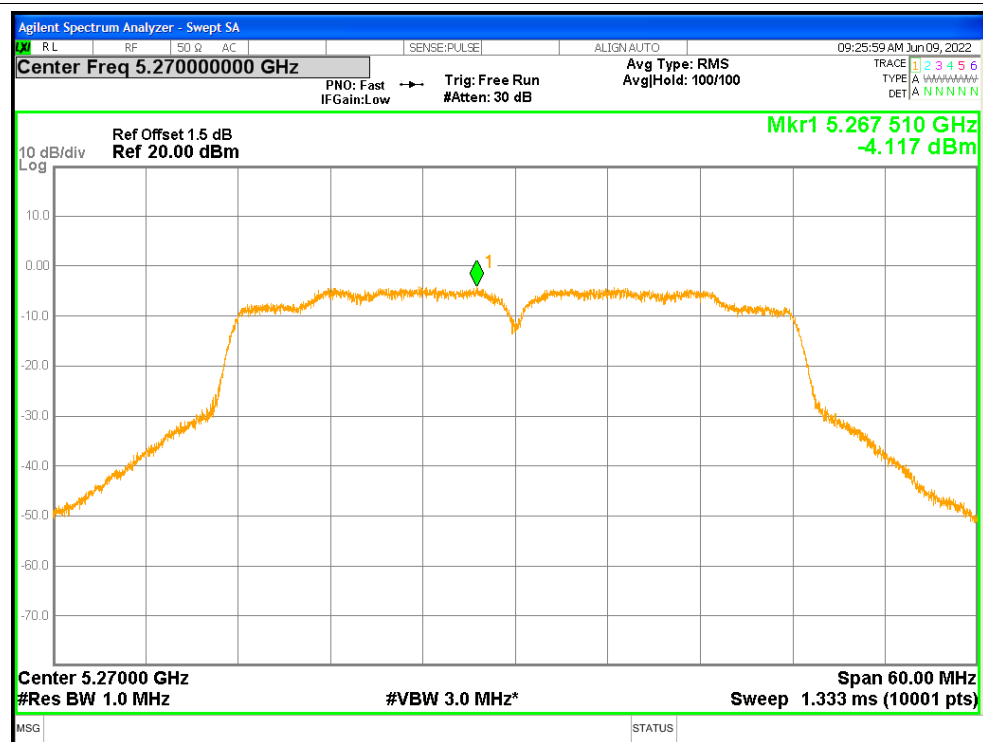
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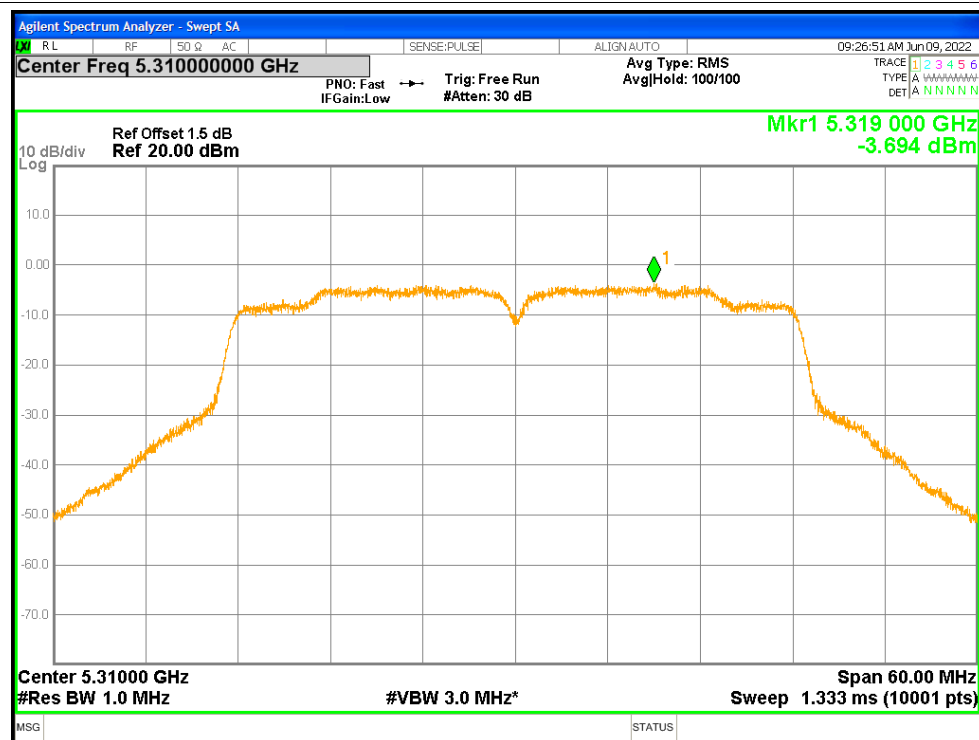
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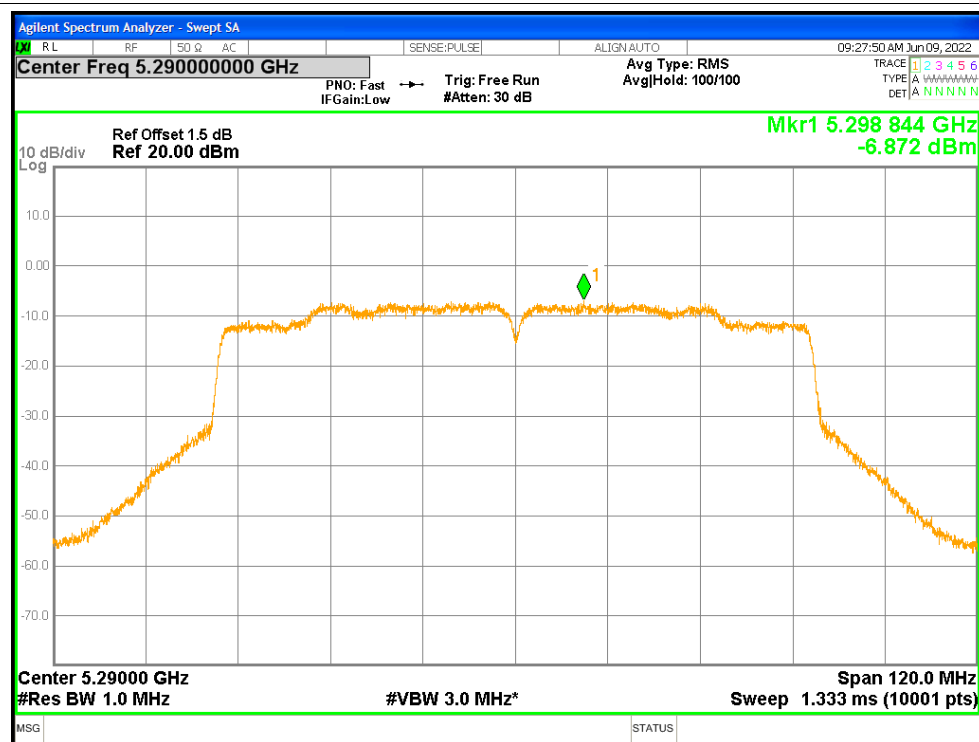
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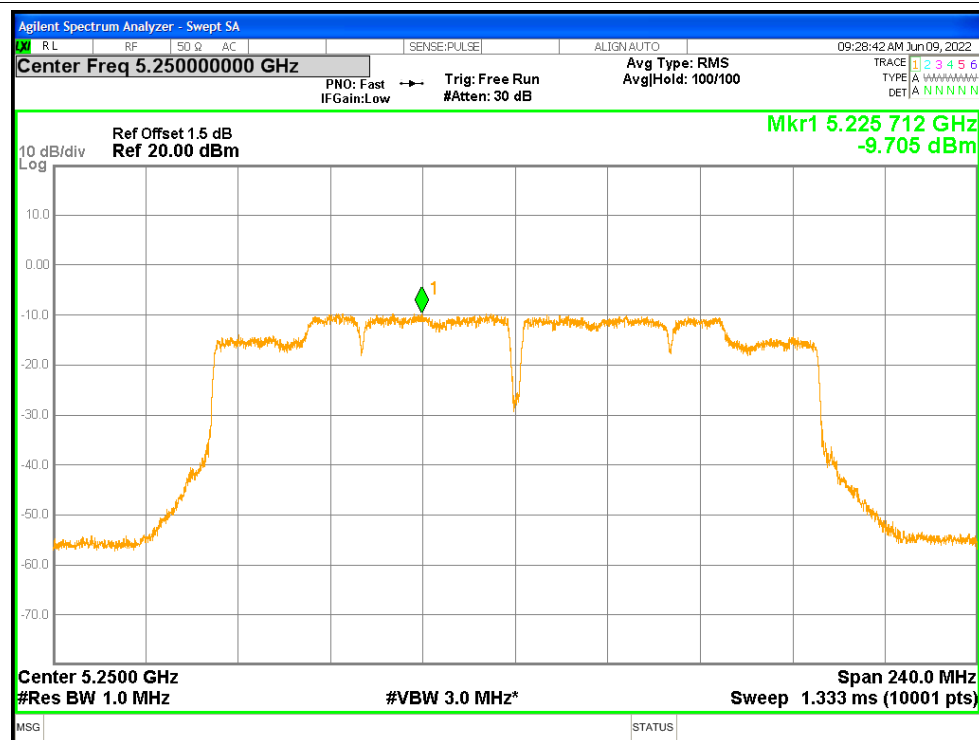
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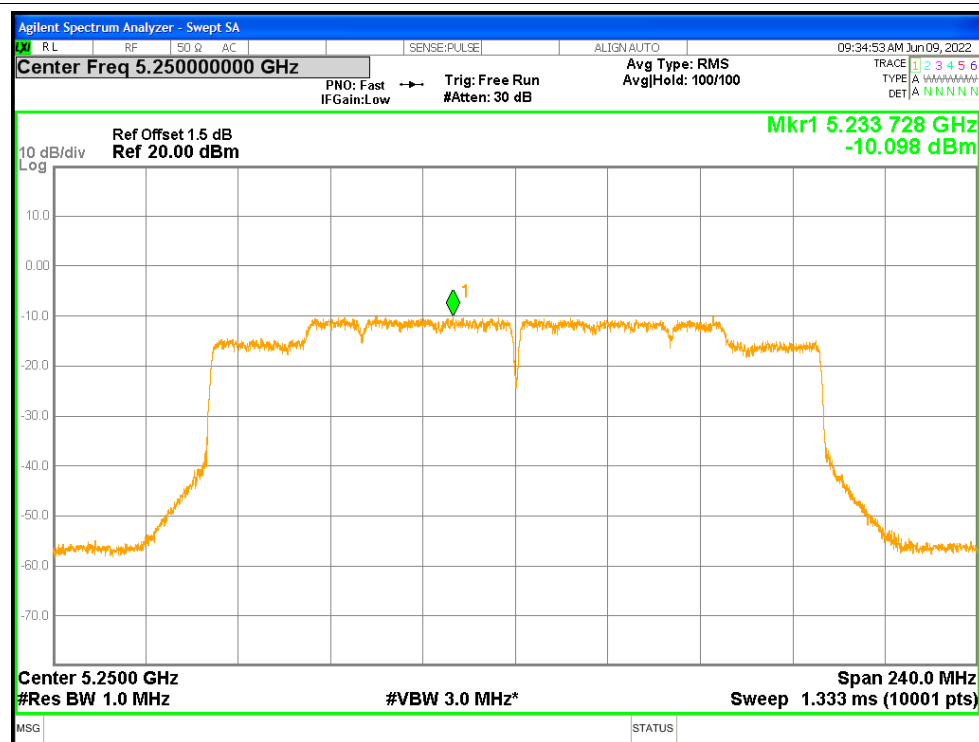
PSD NVNT ac80 5290MHz



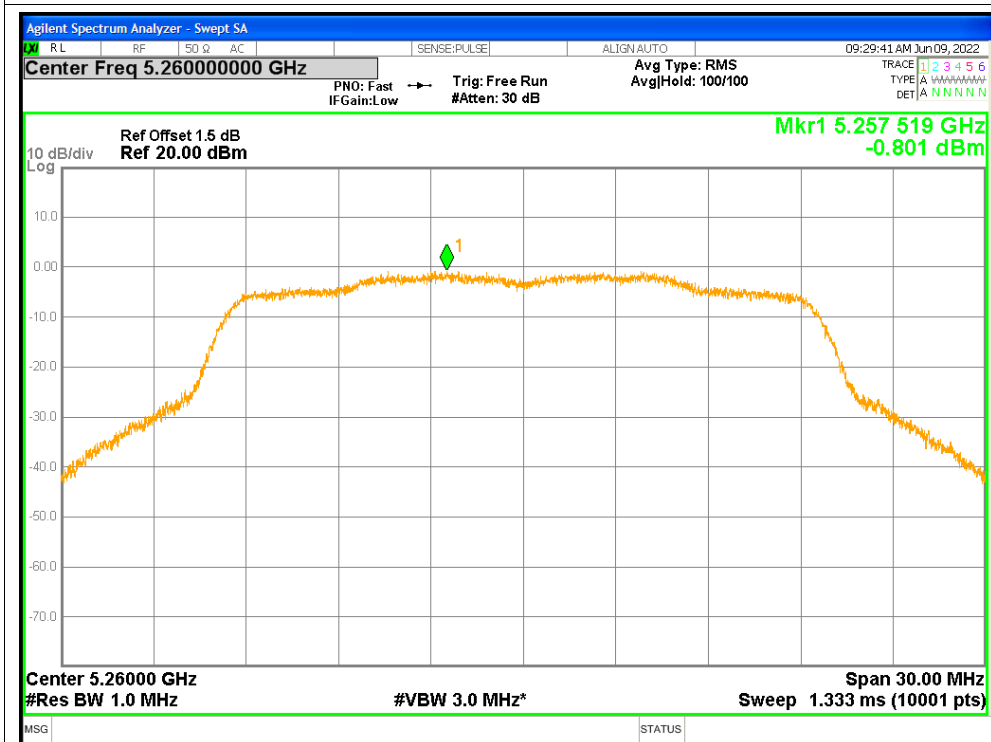
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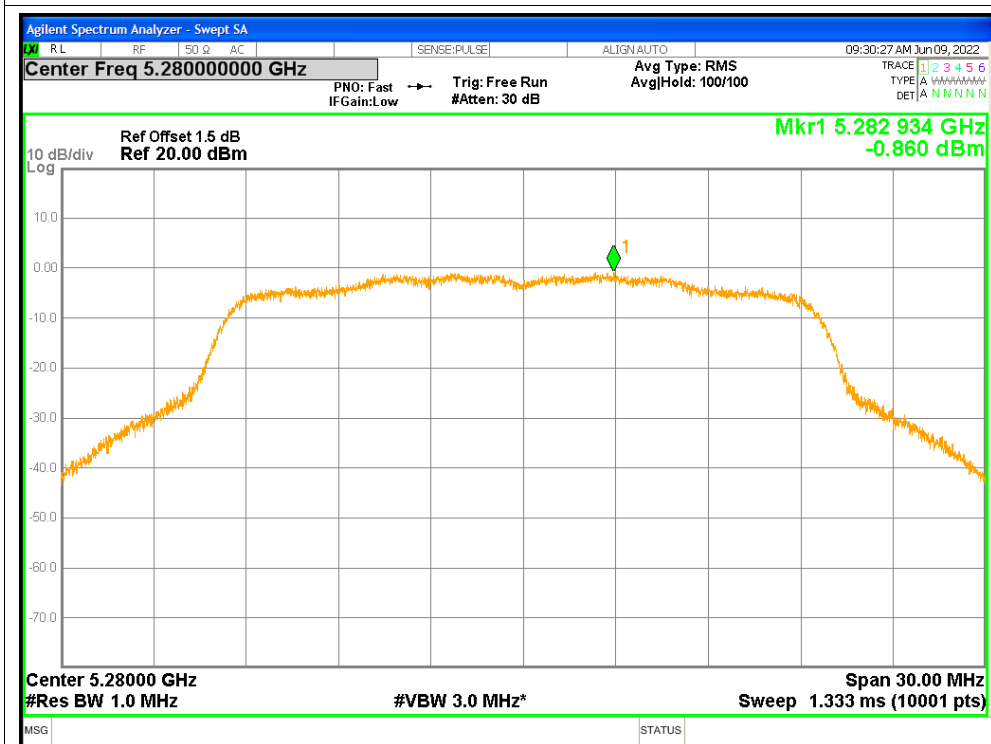
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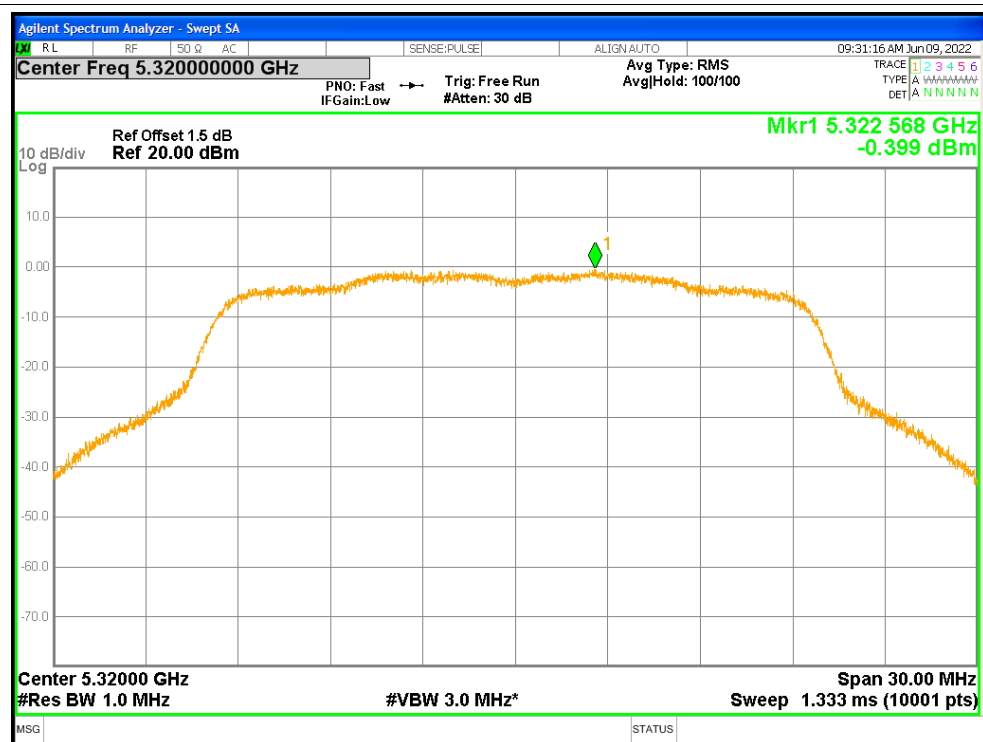
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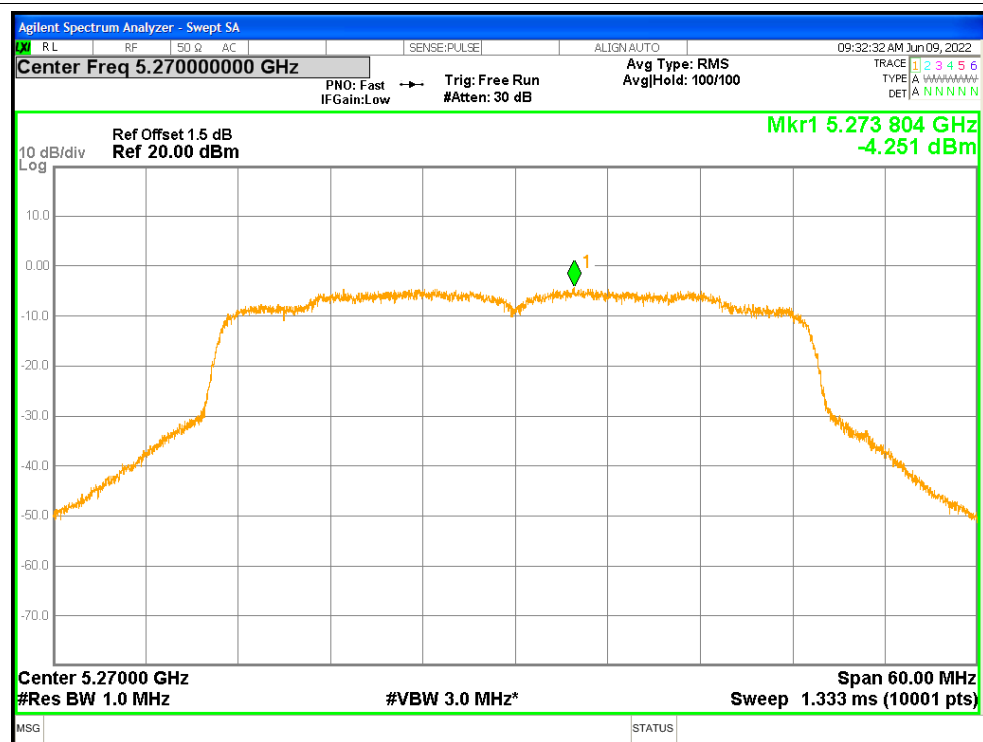
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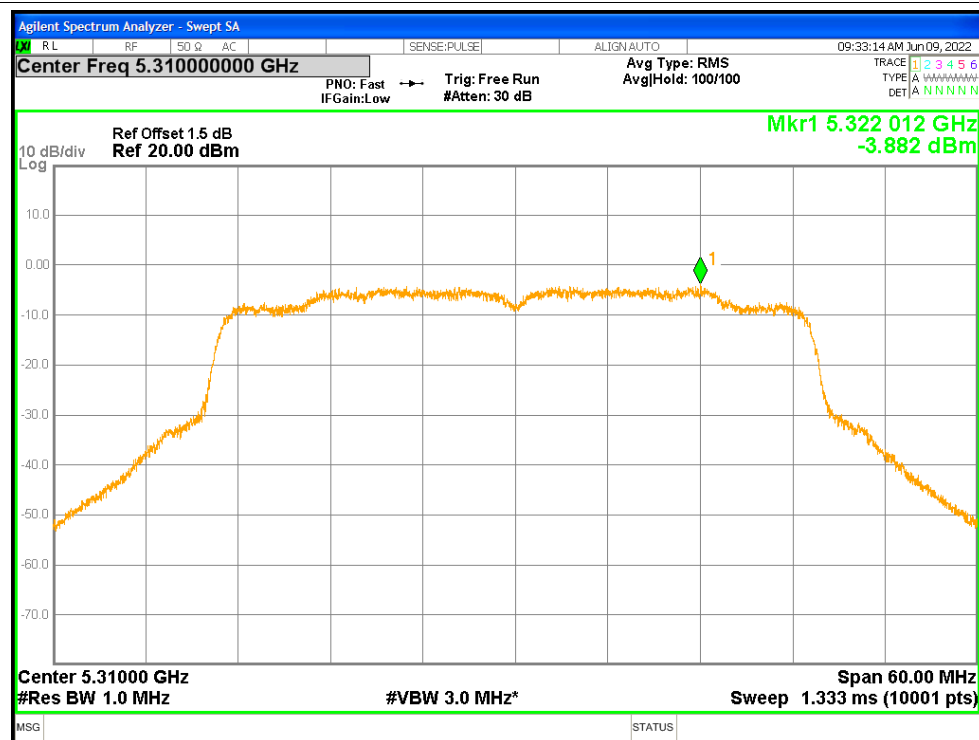
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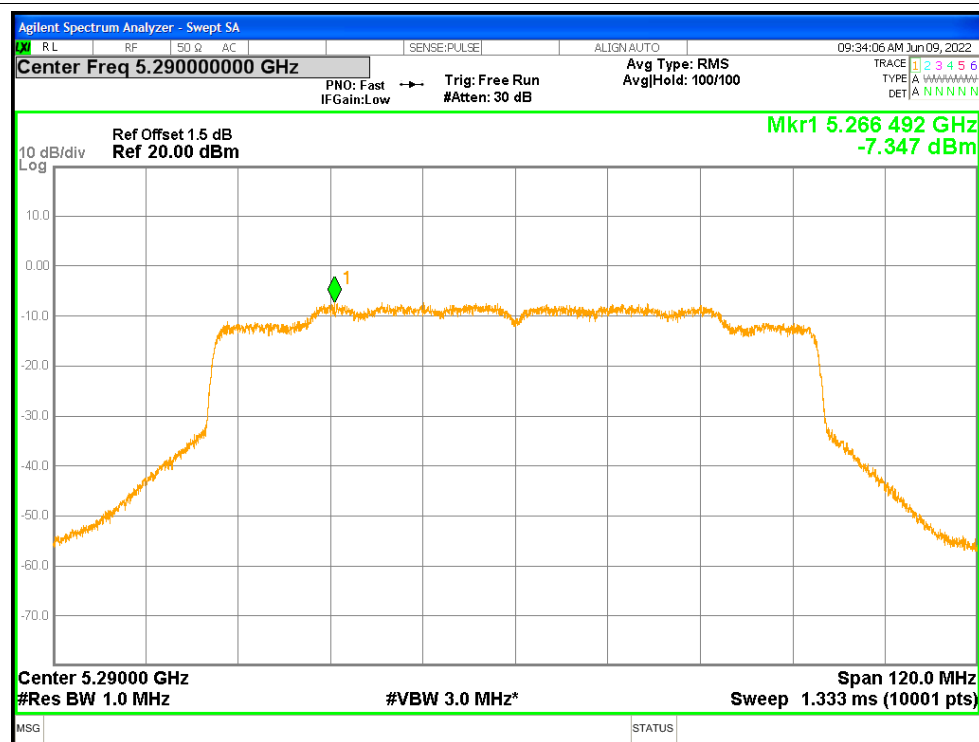
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PSD NVNT ax40 5310MHz



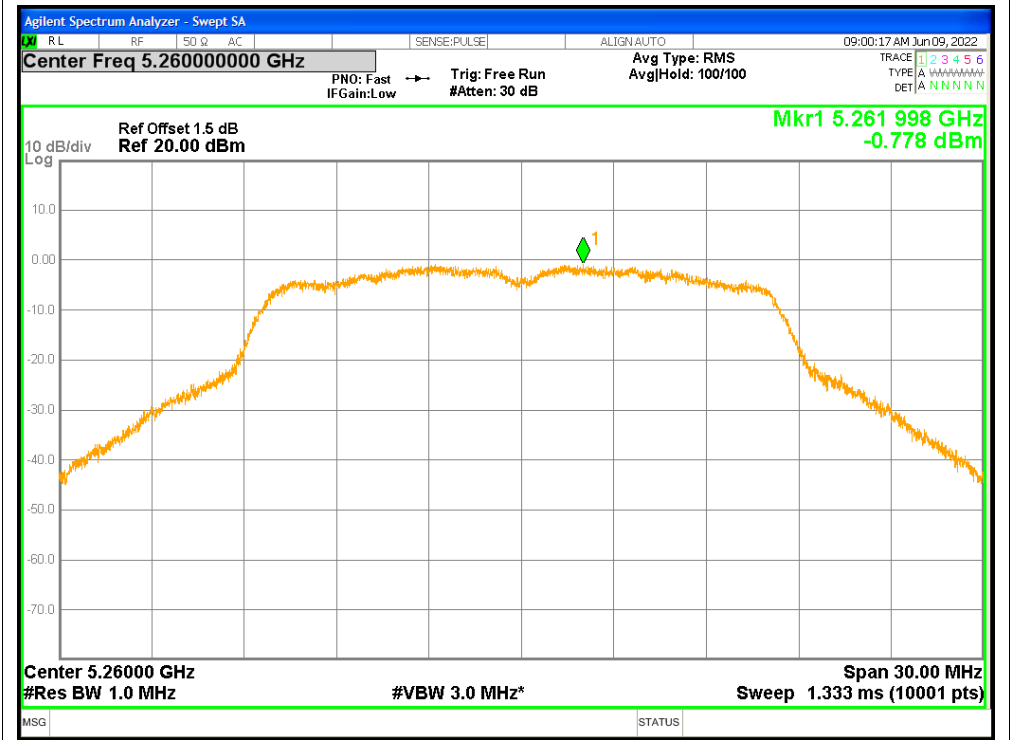
PSD NVNT ax80 5290MHz



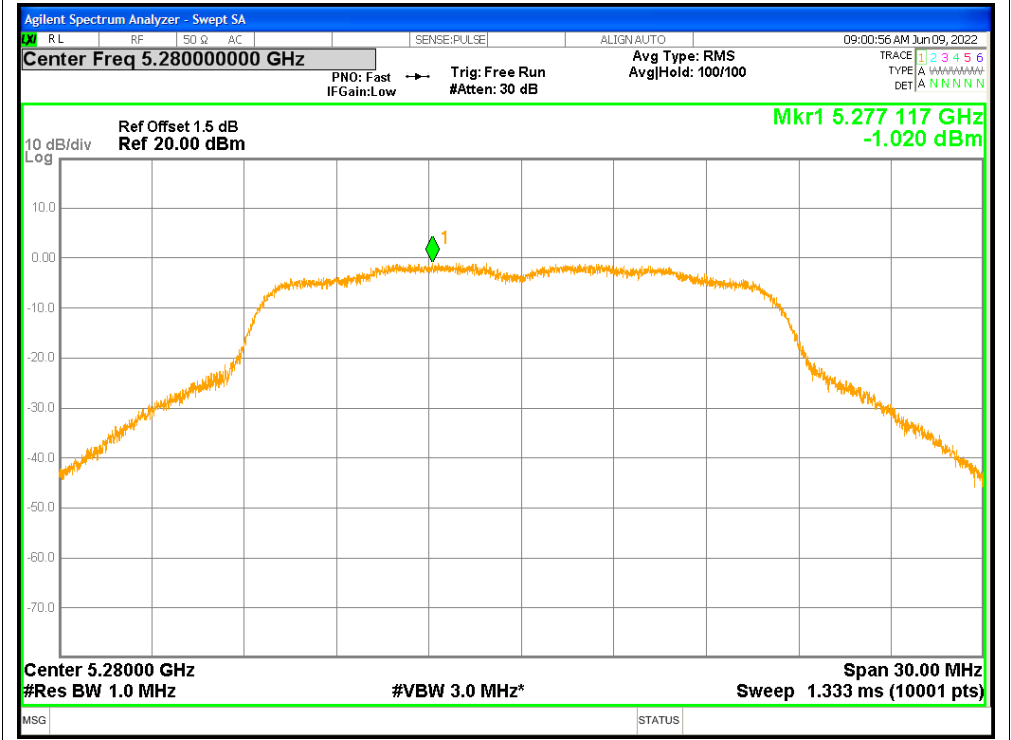
ANT_B

Test Graphs

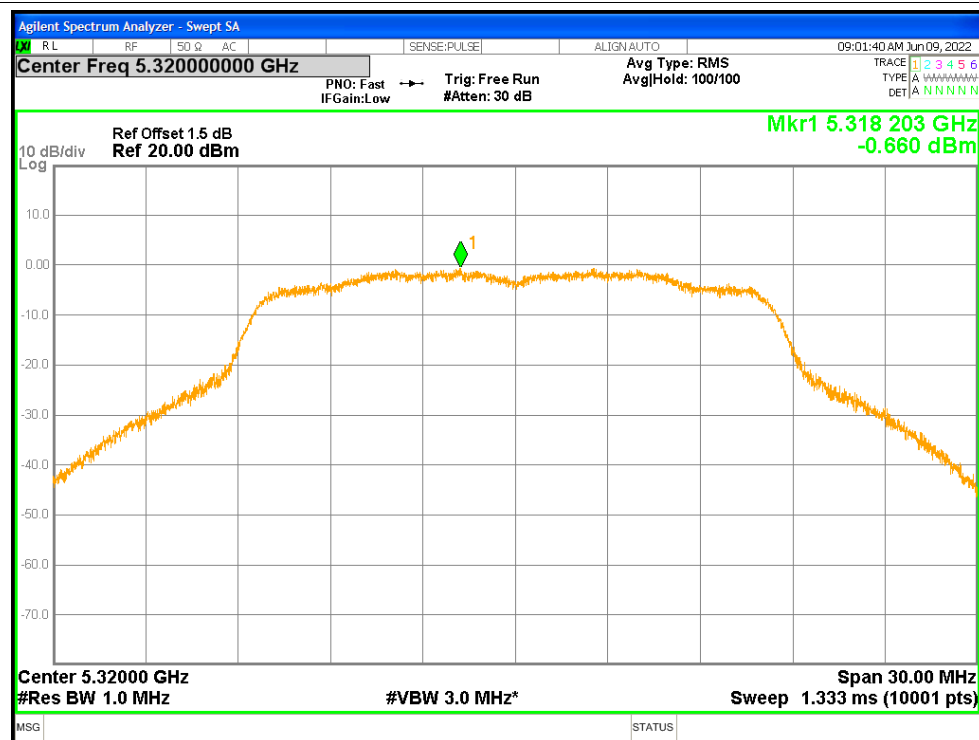
PSD NVNT a 5260MHz



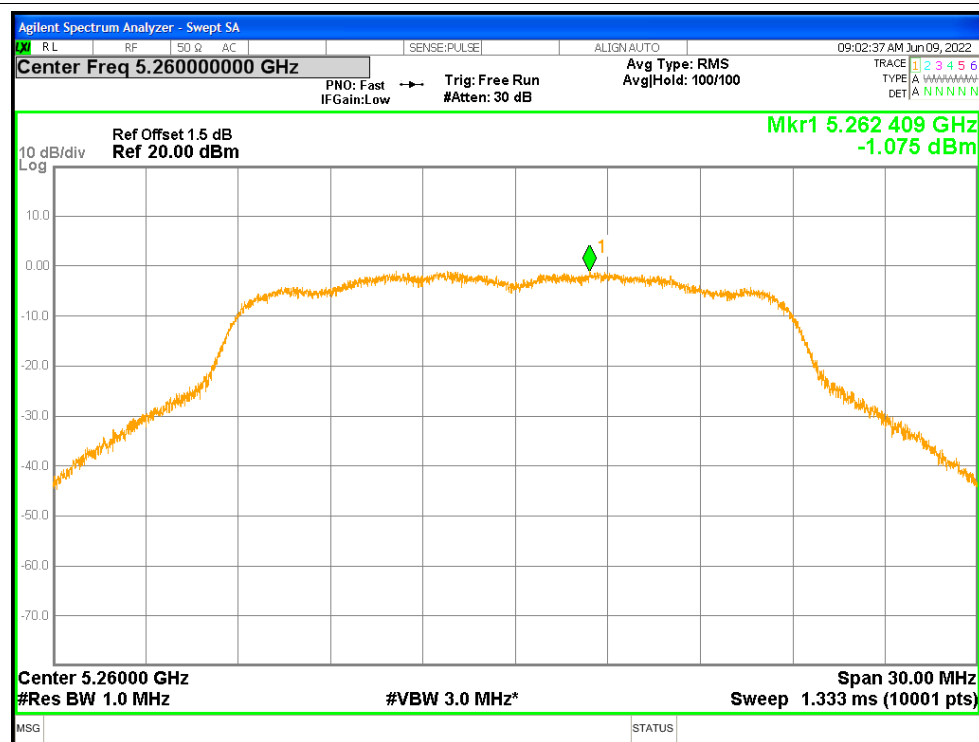
PSD NVNT a 5280MHz



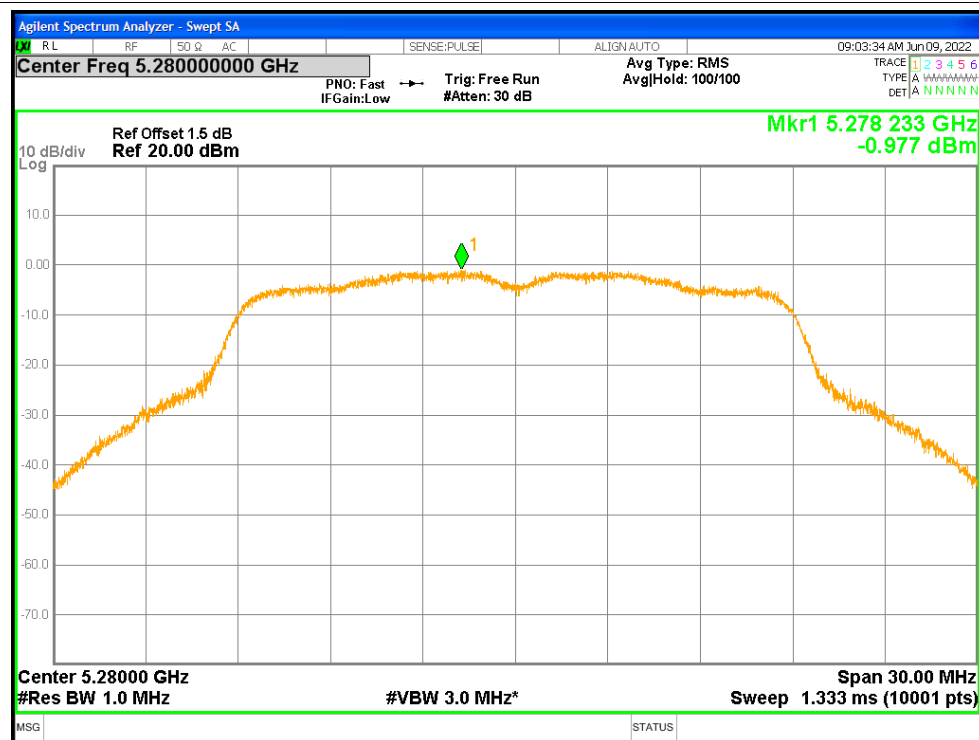
PSD NVNT a 5320MHz



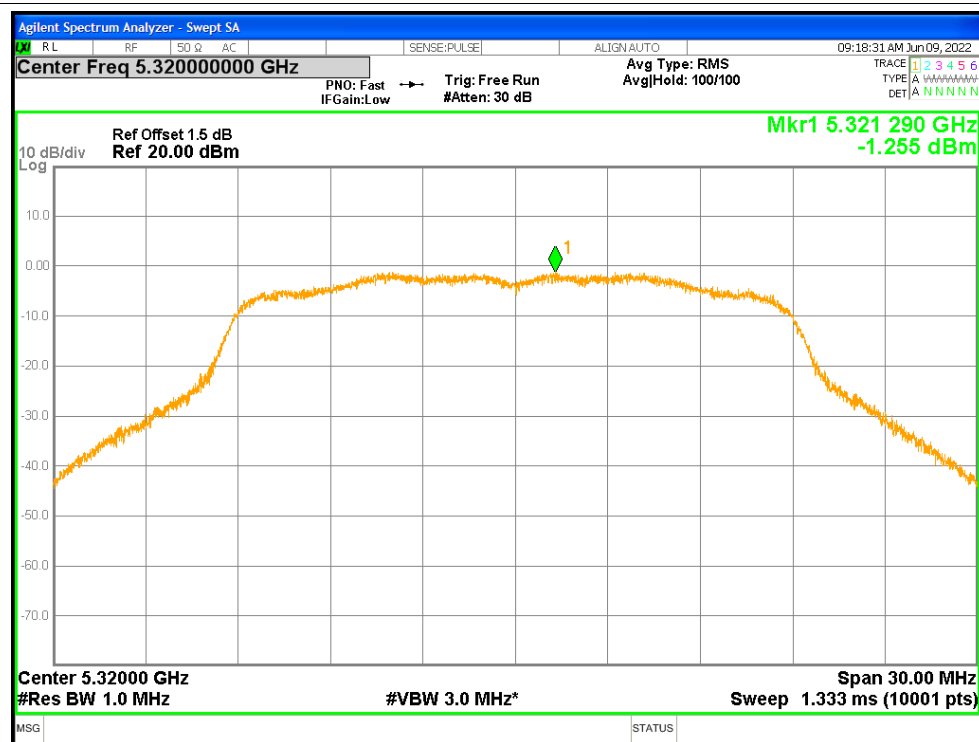
PSD NVNT n20 5260MHz



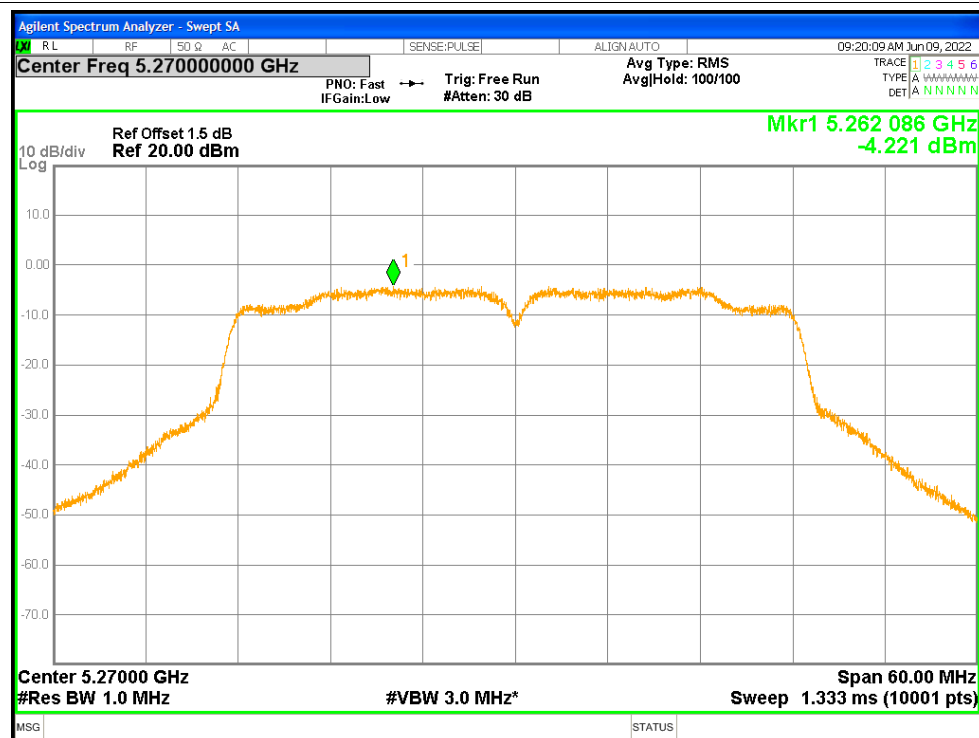
PSD NVNT n20 5280MHz



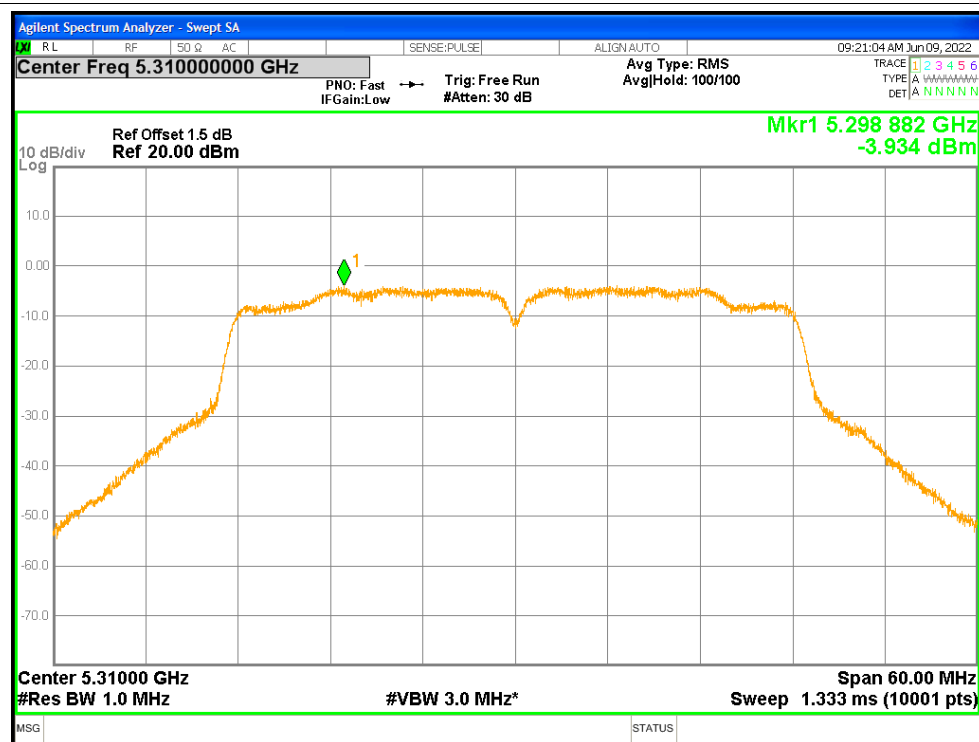
PSD NVNT n20 5320MHz



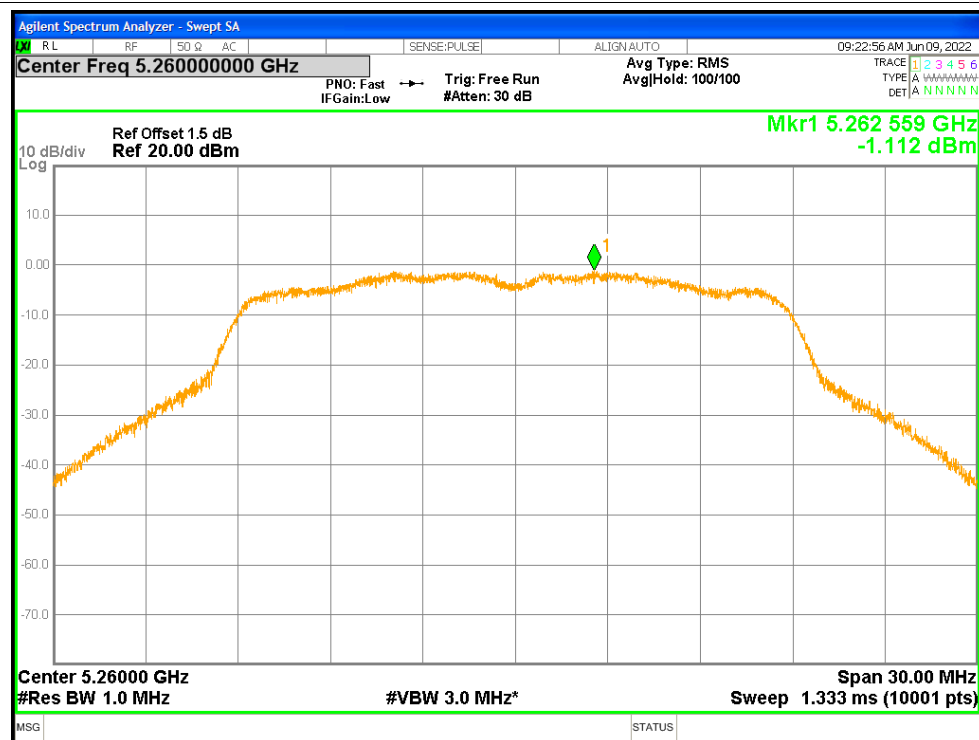
PSD NVNT n40 5270MHz



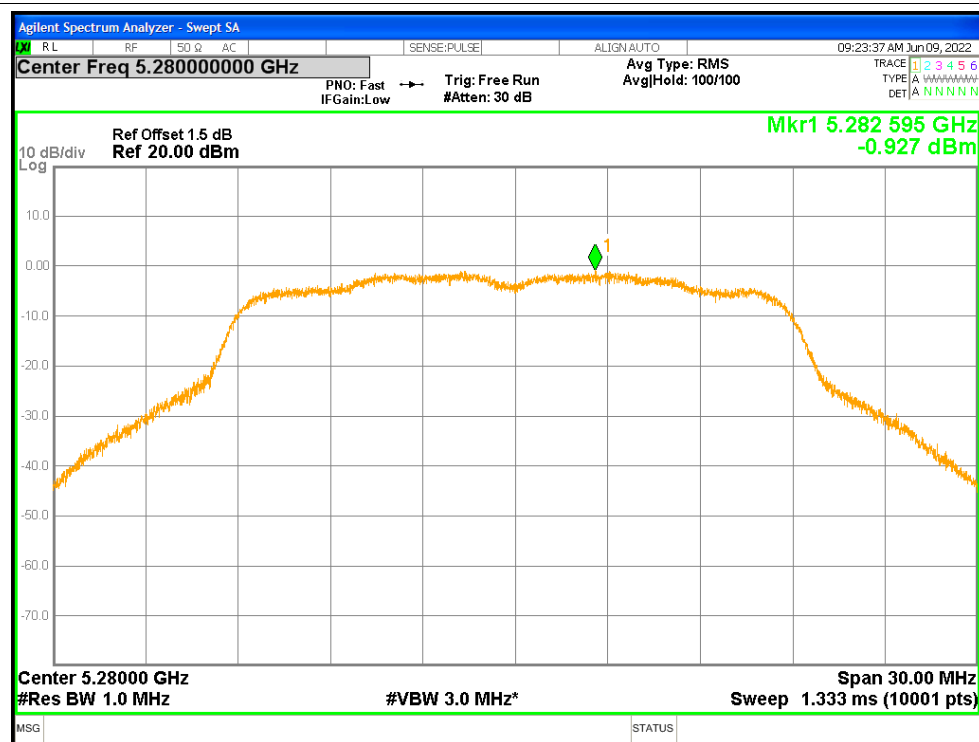
PSD NVNT n40 5310MHz



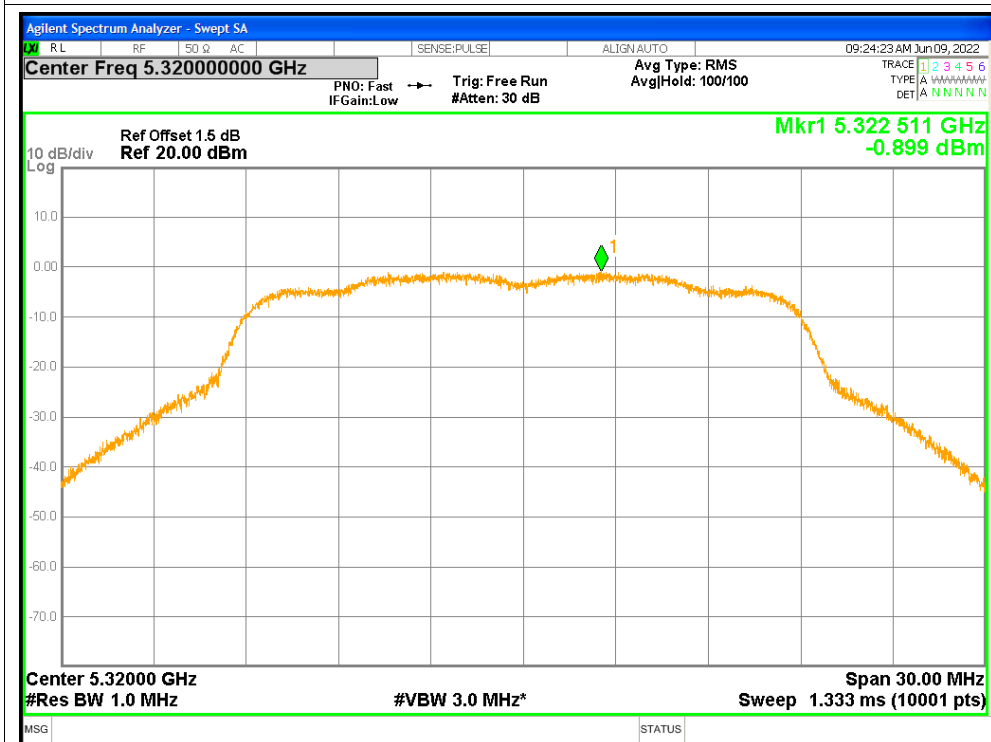
PSD NVNT ac20 5260MHz



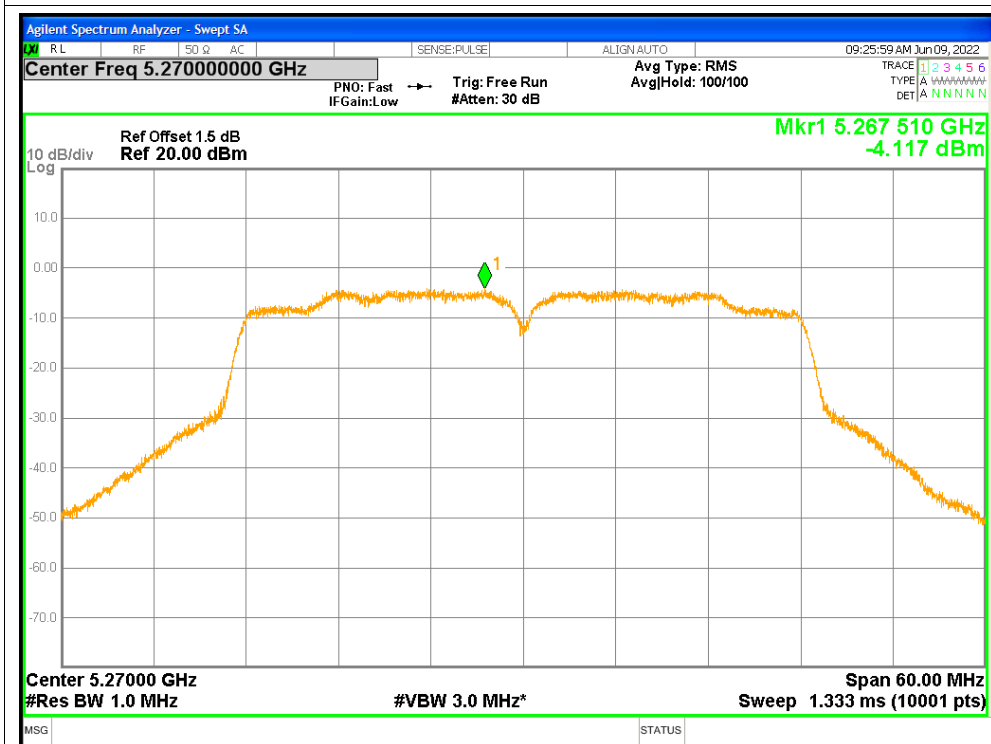
PSD NVNT ac20 5280MHz



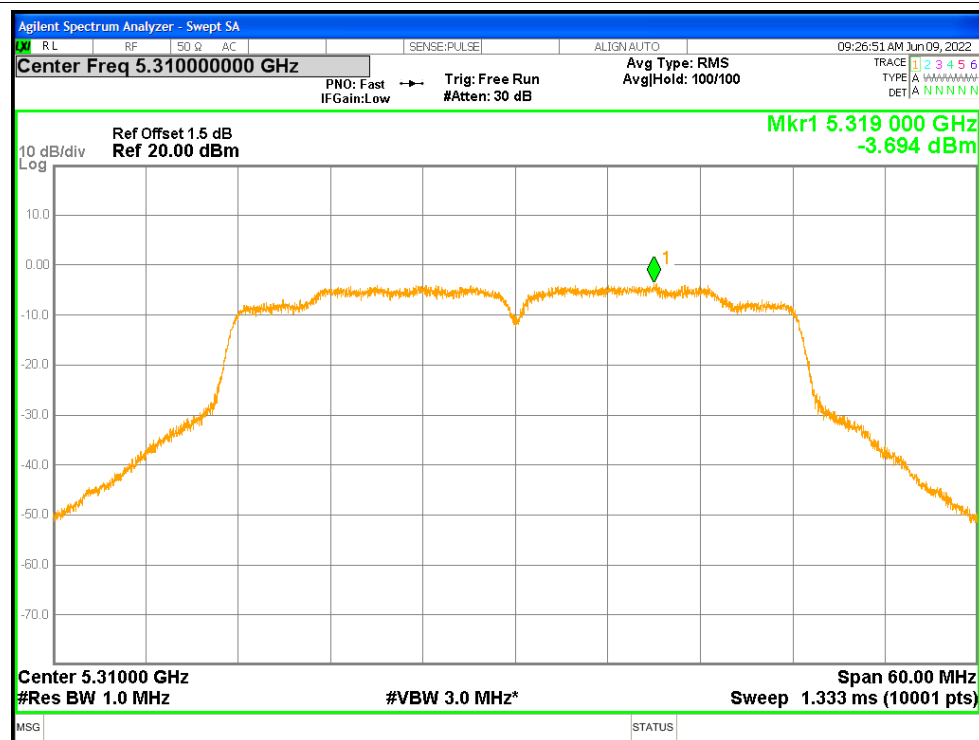
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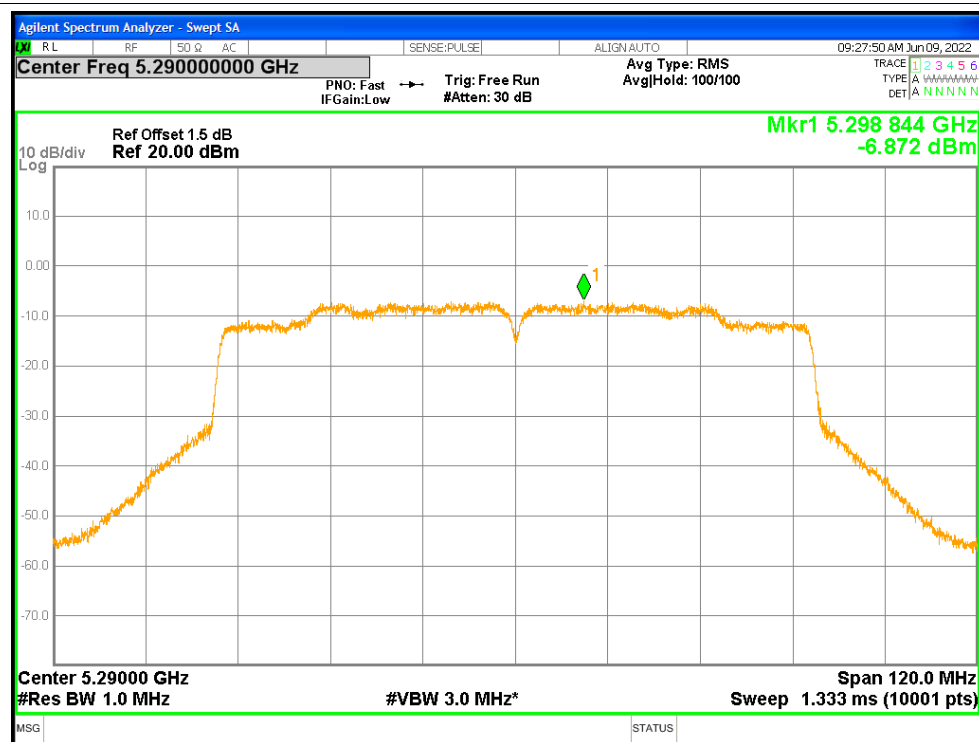
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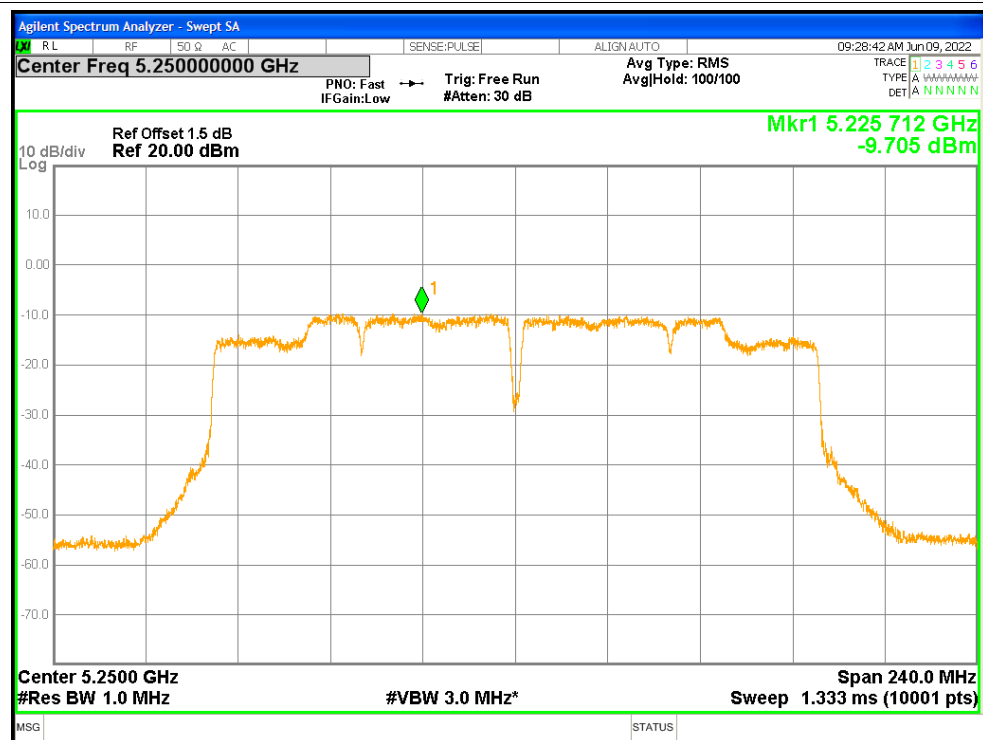
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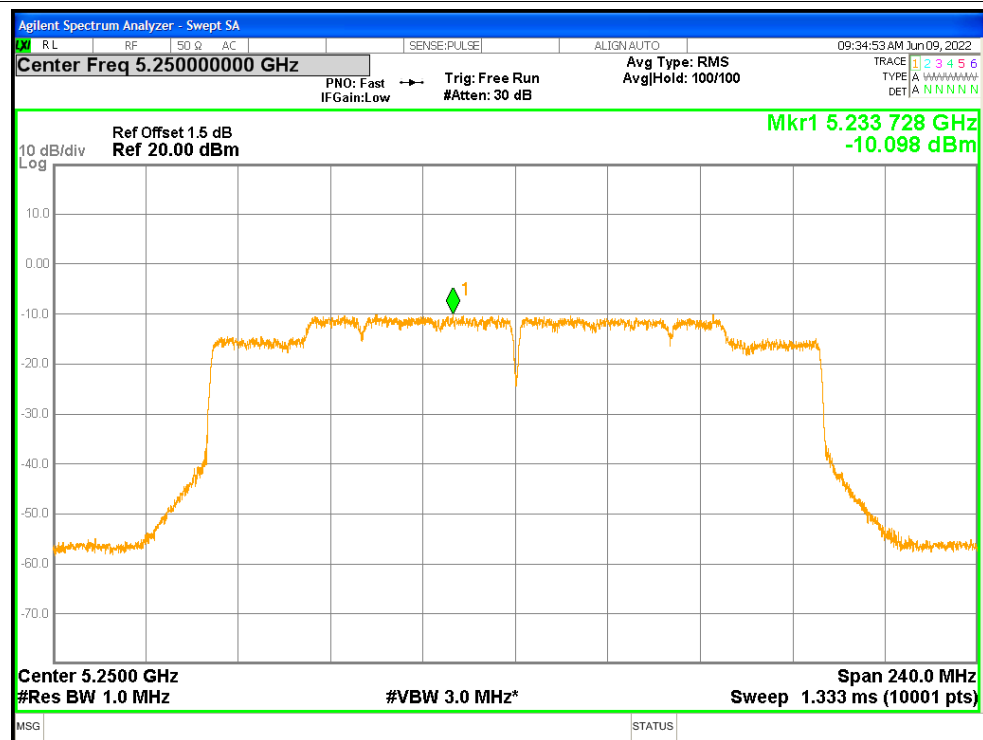
PSD NVNT ac80 5290MHz



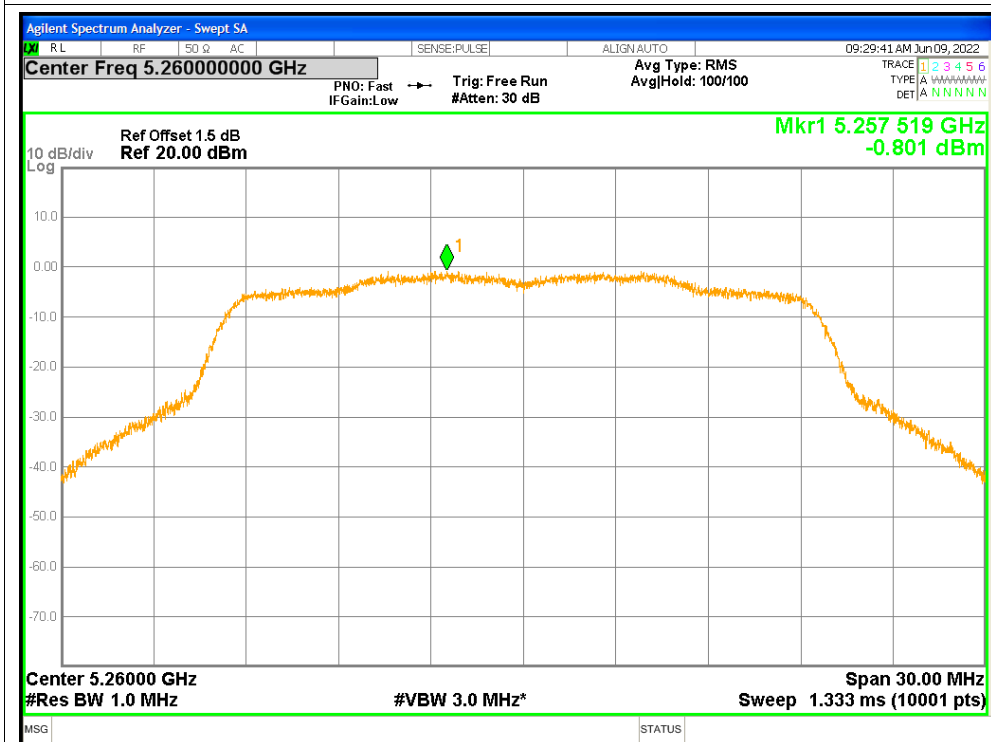
PSD NVNT ac160 5250MHz



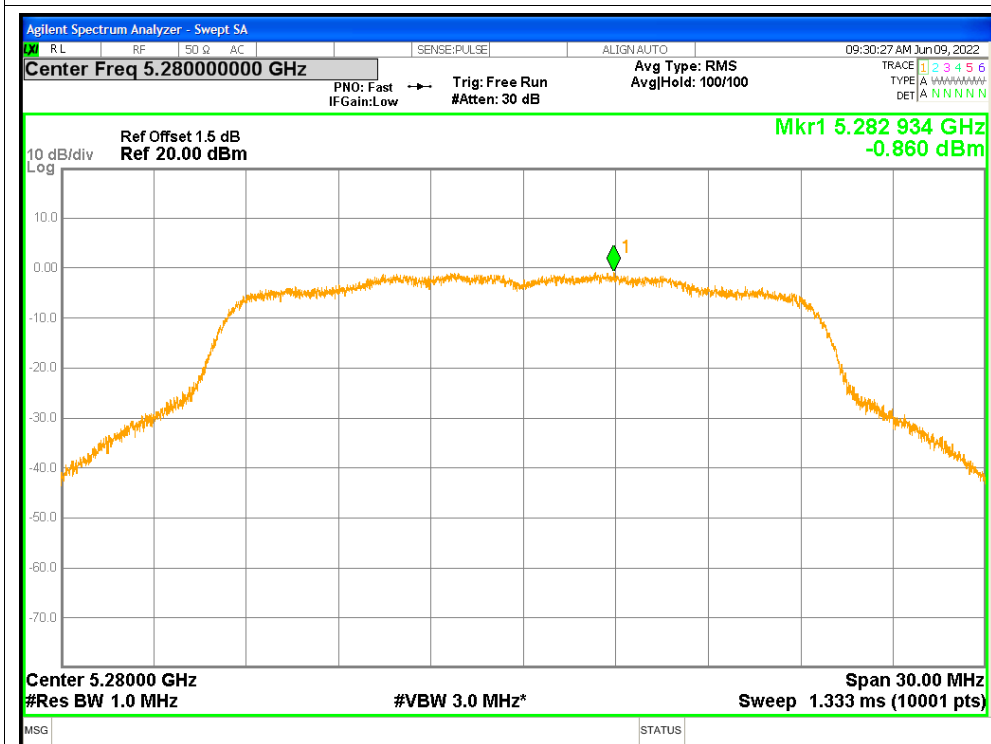
PSD NVNT ax160 5250MHz



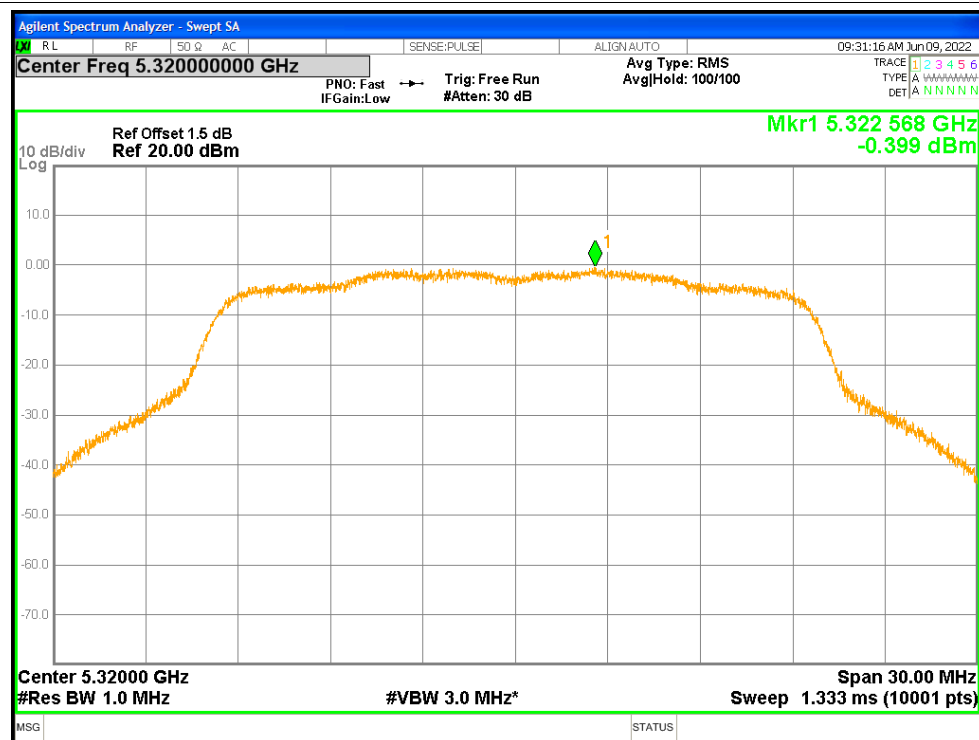
PSD NVNT ax20 5260MHz



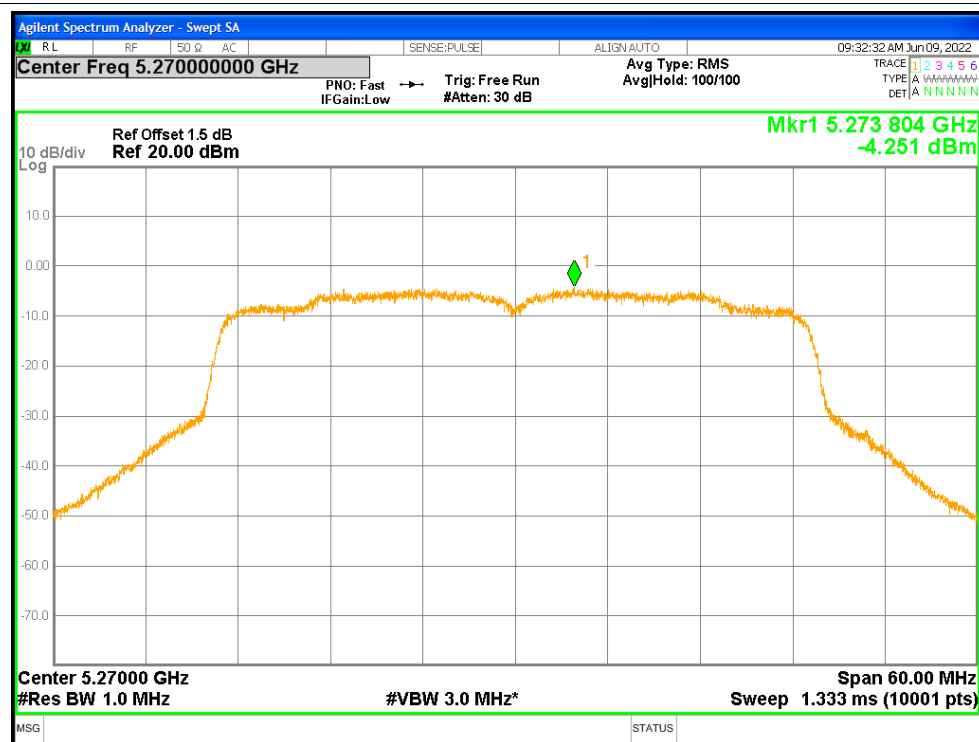
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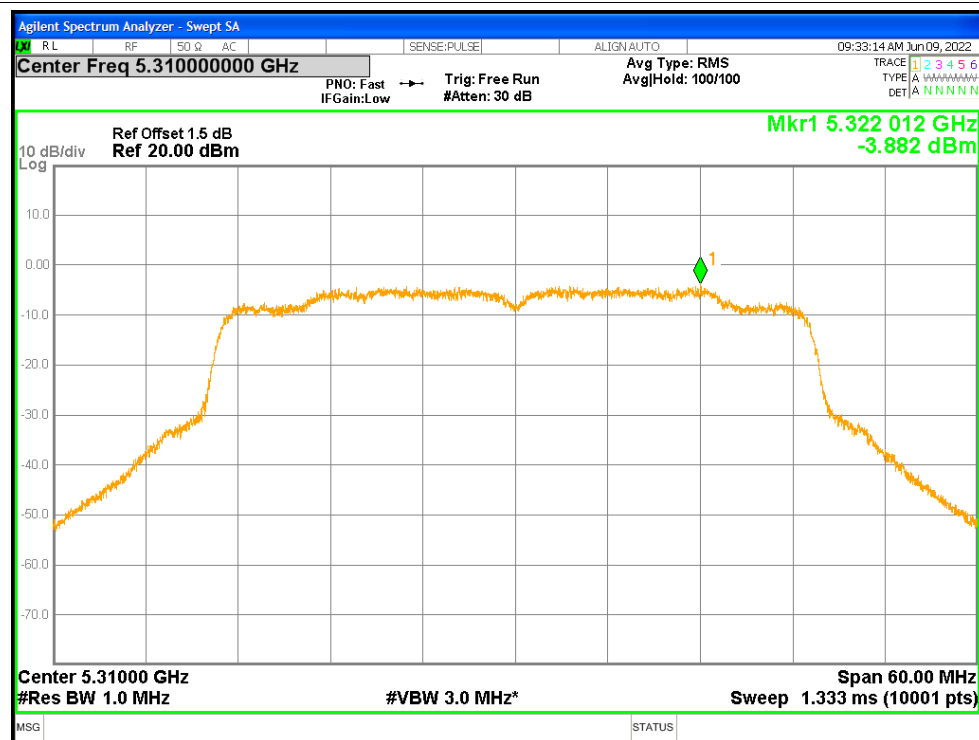
PSD NVNT ax20 5320MHz



PSD NVNT ax40 5270MHz



PSD NVNT ax40 5310MHz



PSD NVNT ax80 5290MHz

