

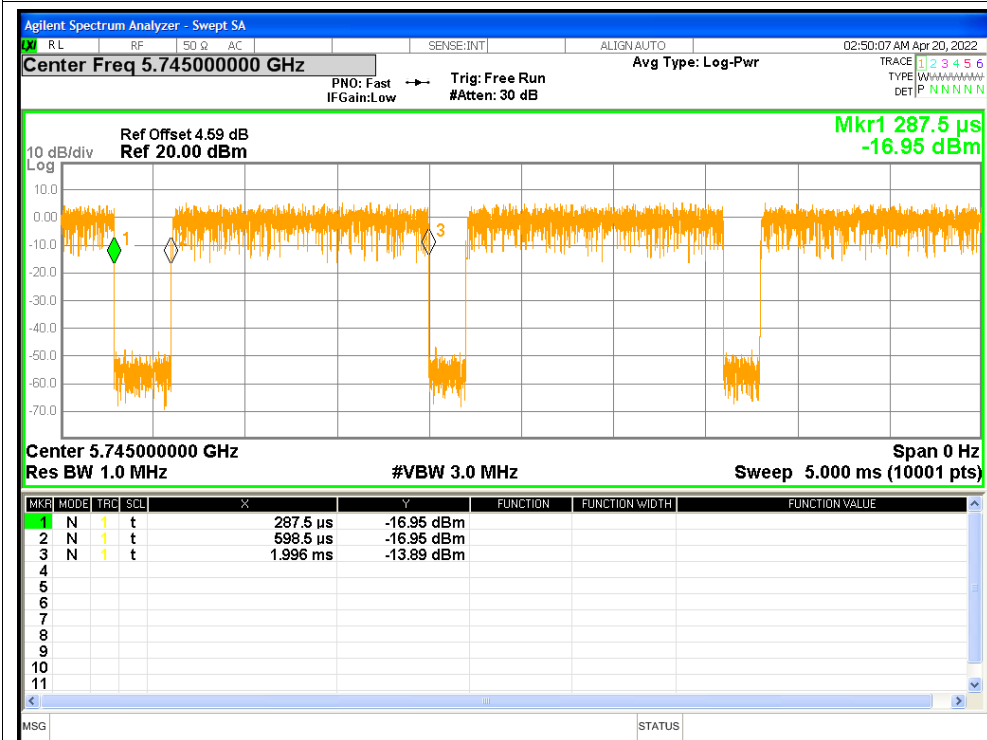
Duty Cycle

ANT A

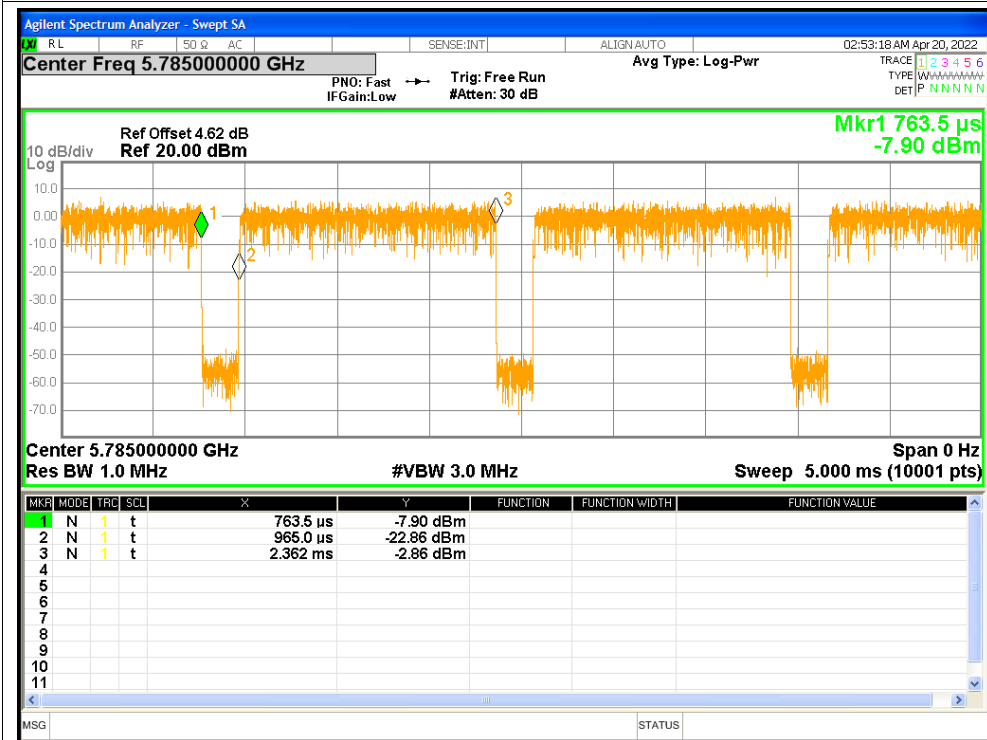
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	81.79	0.87	0.72
NVNT	a	5785	87.39	0.59	0.72
NVNT	a	5825	87.39	0.59	0.72
NVNT	n20	5745	86.52	0.63	0.77
NVNT	n20	5785	86.52	0.63	0.77
NVNT	n20	5825	86.51	0.63	0.77
NVNT	n40	5755	76.26	1.18	1.56
NVNT	n40	5795	76.23	1.18	1.57
NVNT	ac20	5745	77.53	1.11	1.45
NVNT	ac20	5785	77.53	1.11	1.45
NVNT	ac20	5825	77.56	1.1	1.45
NVNT	ac40	5755	64.1	1.93	2.82
NVNT	ac40	5795	50.9	2.93	2.82
NVNT	ac80	5775	48.73	3.12	5.27
NVNT	ax20	5745	73.69	1.33	1.78
NVNT	ax20	5785	73.82	1.32	1.78
NVNT	ax20	5825	73.88	1.31	1.77
NVNT	ax40	5755	61.86	2.09	3.1
NVNT	ax40	5795	61.82	2.09	3.1
NVNT	ax80	5775	49.32	3.07	5.14

Test Graphs

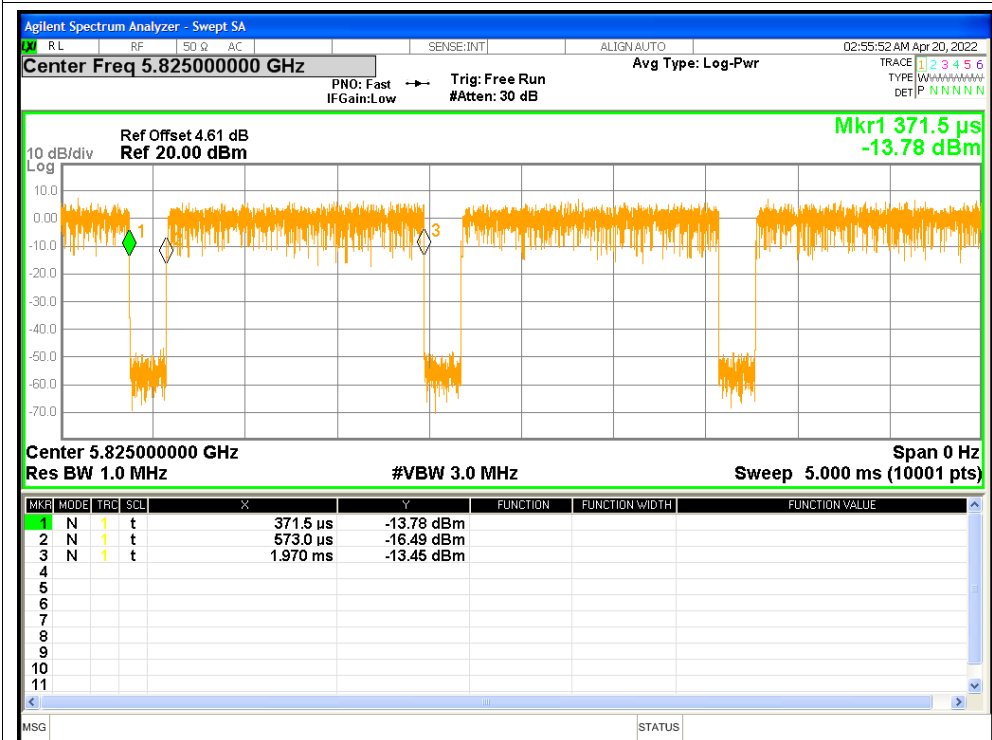
Duty Cycle NVNT a 5745MHz



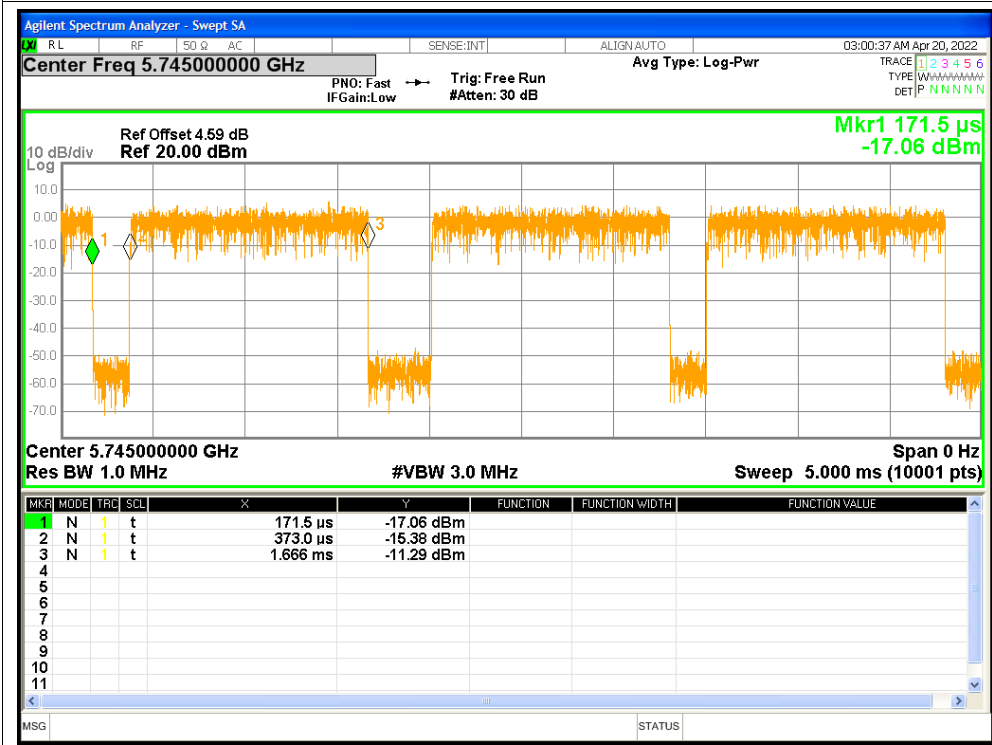
Duty Cycle NVNT a 5785MHz

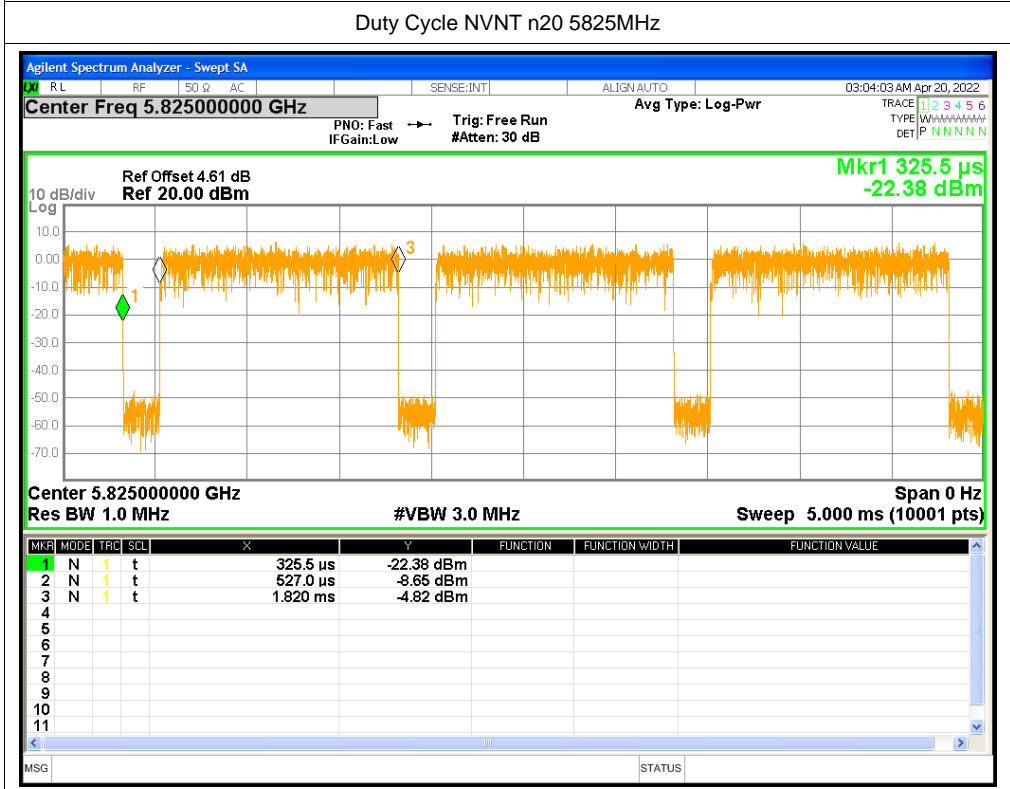
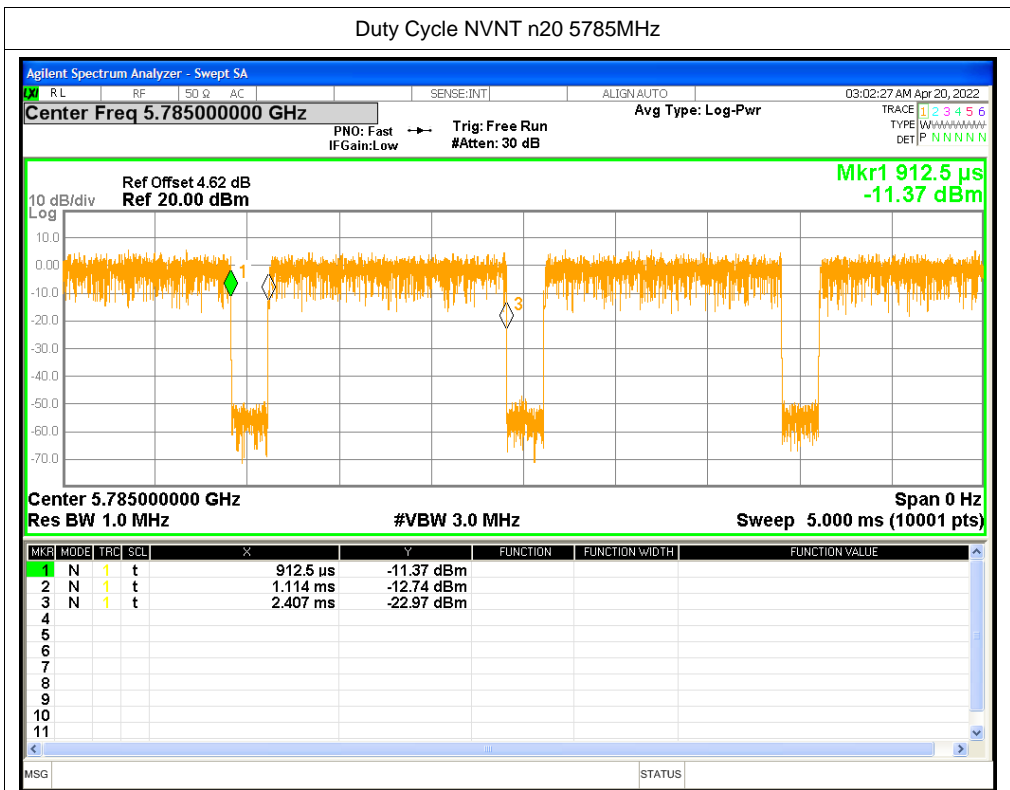


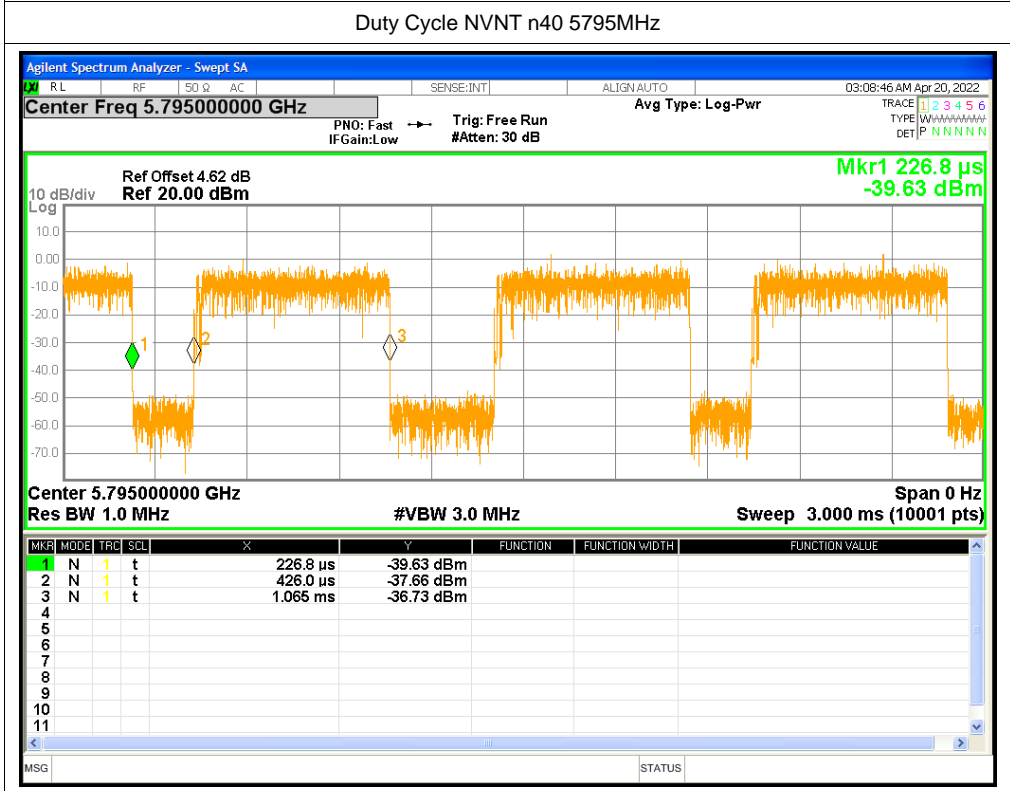
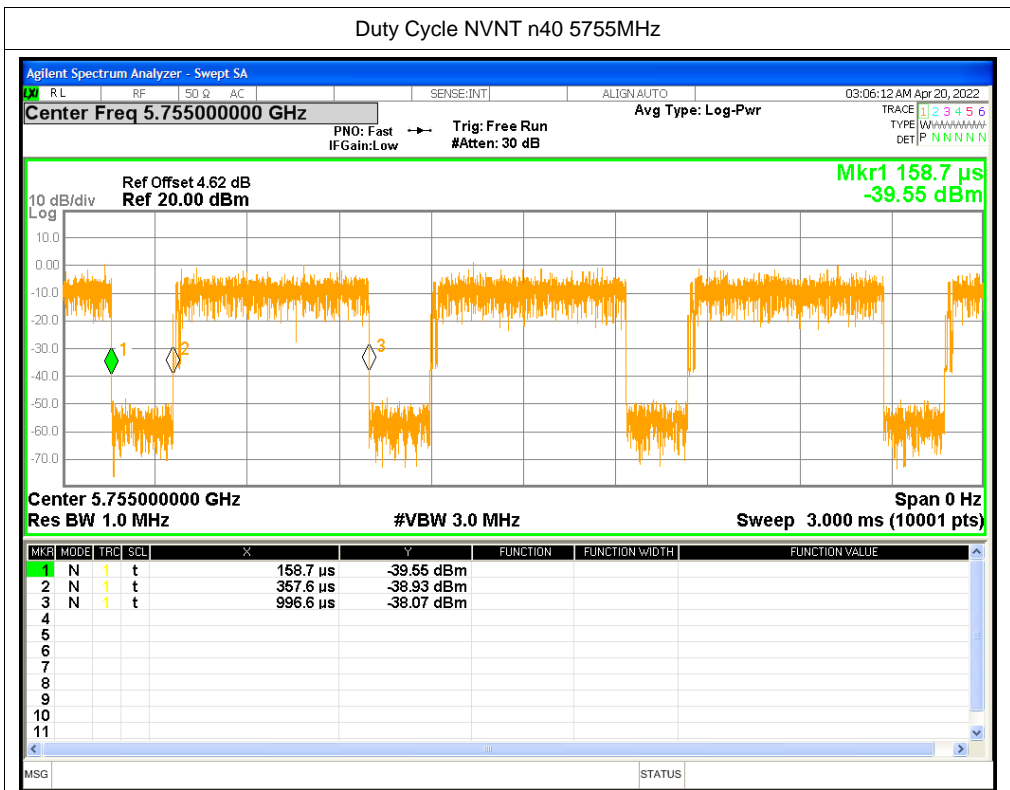
Duty Cycle NVNT a 5825MHz



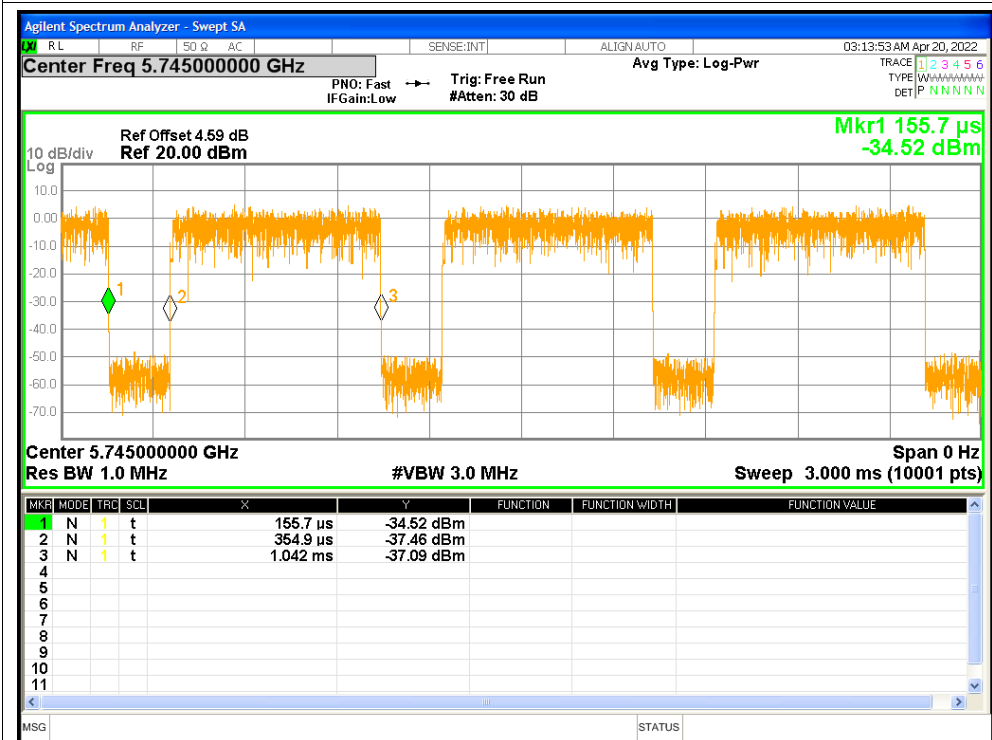
Duty Cycle NVNT n20 5745MHz



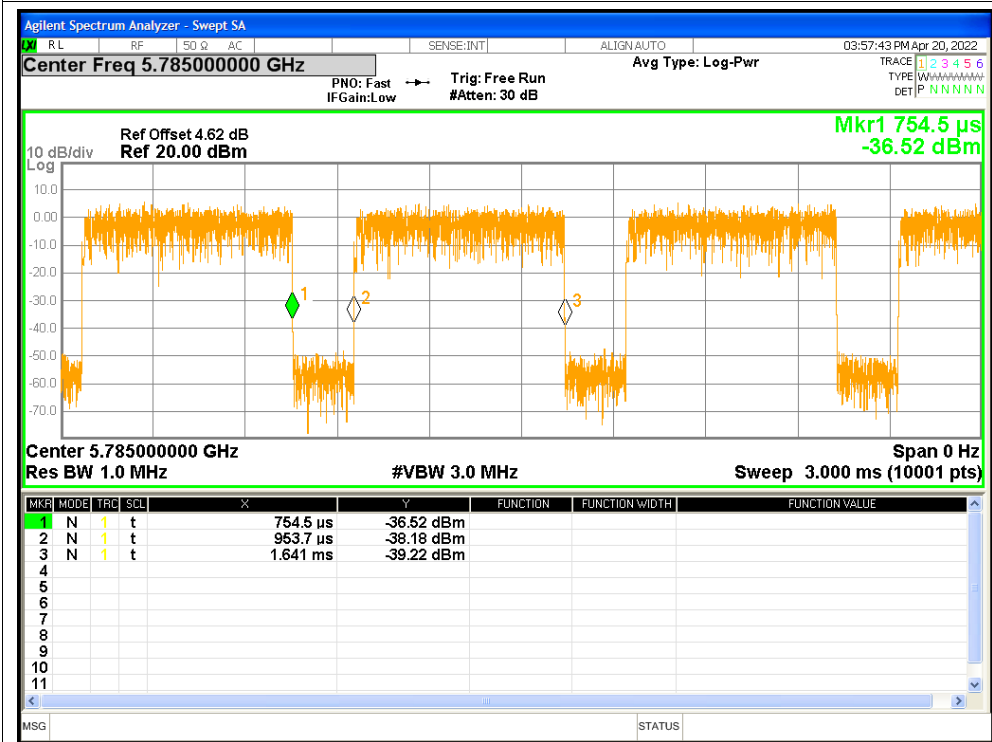




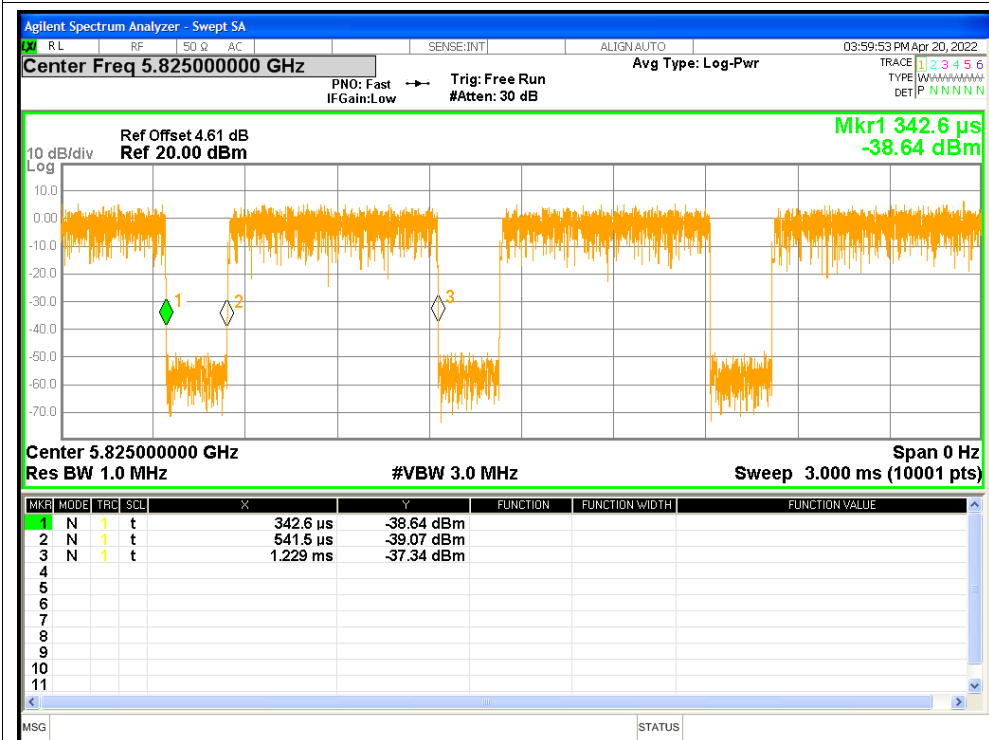
Duty Cycle NVNT ac20 5745MHz



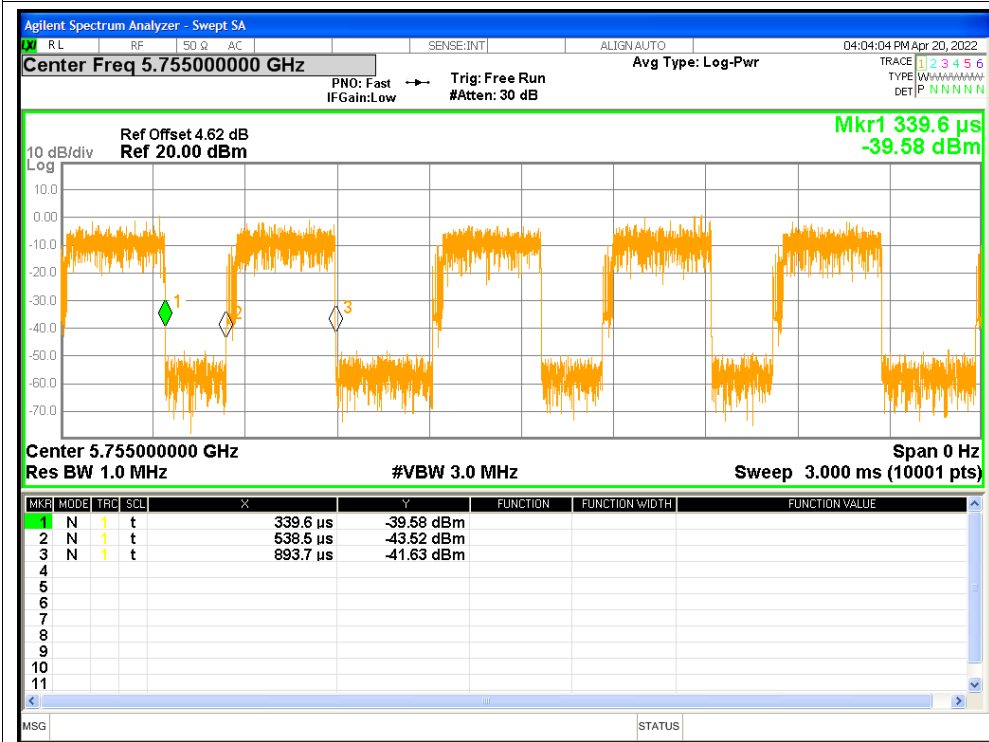
Duty Cycle NVNT ac20 5785MHz



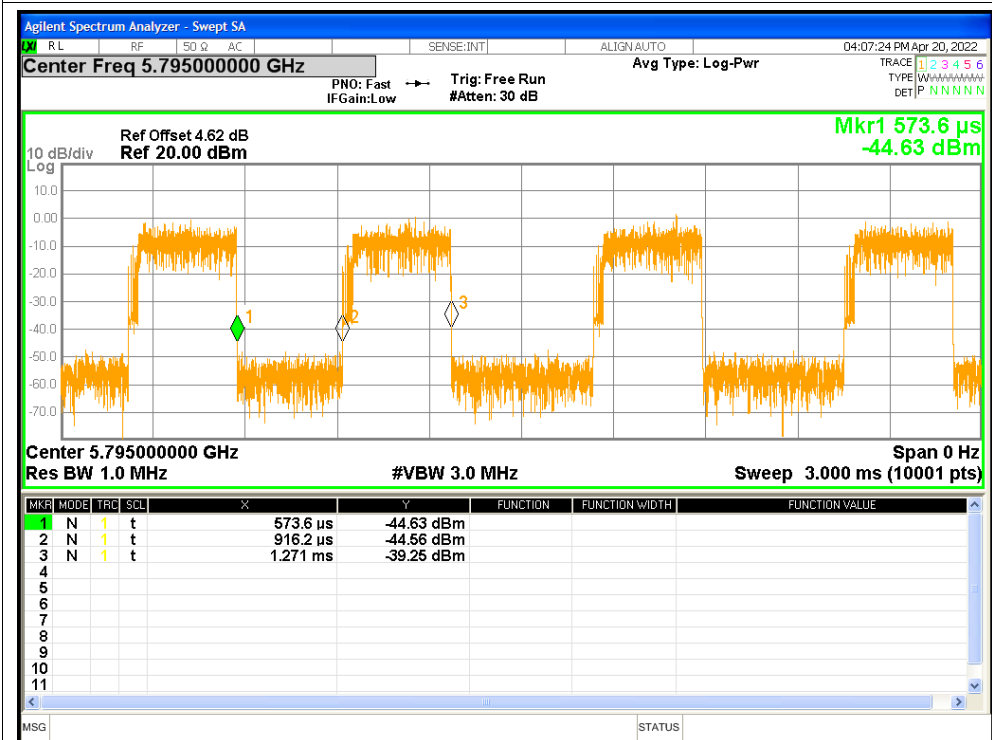
Duty Cycle NVNT ac20 5825MHz



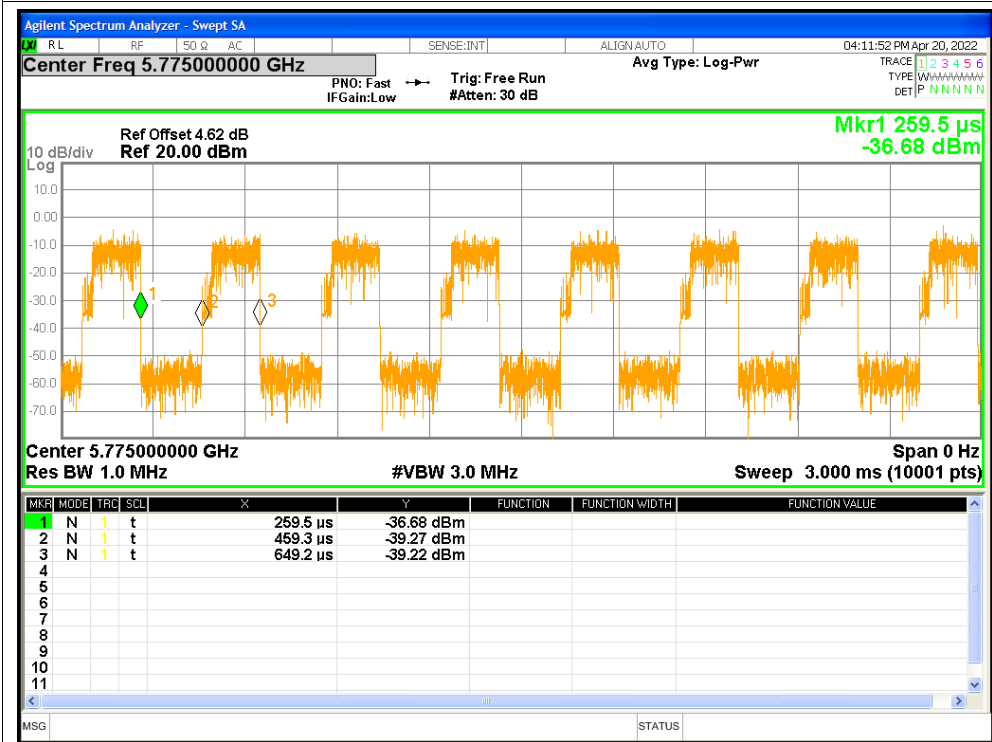
Duty Cycle NVNT ac40 5755MHz



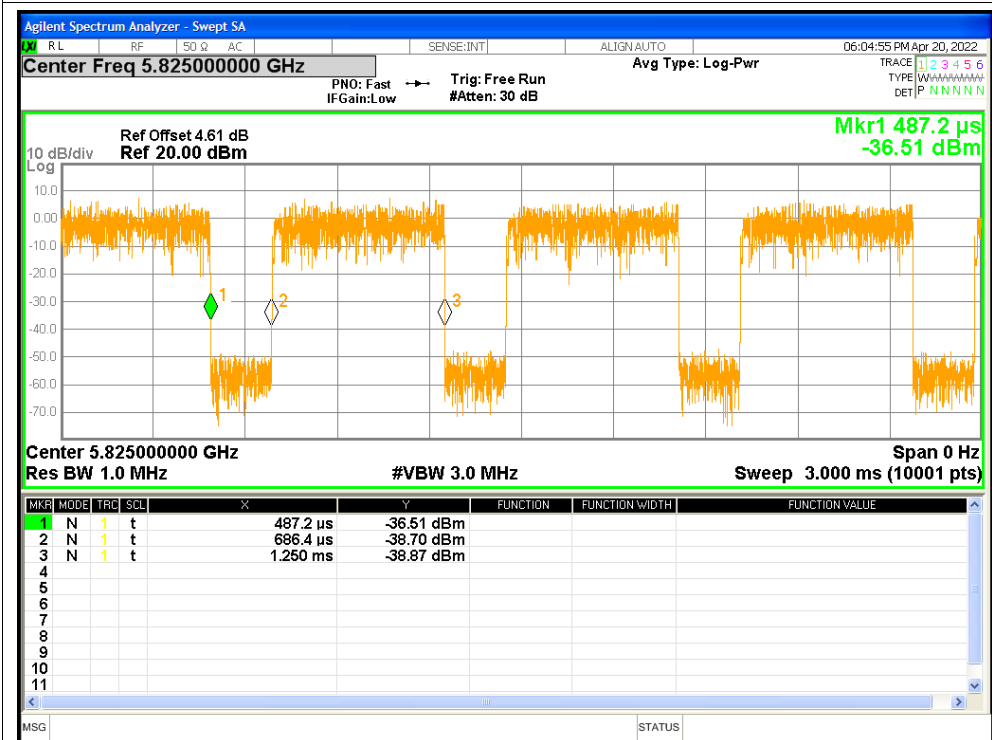
Duty Cycle NVNT ac40 5795MHz



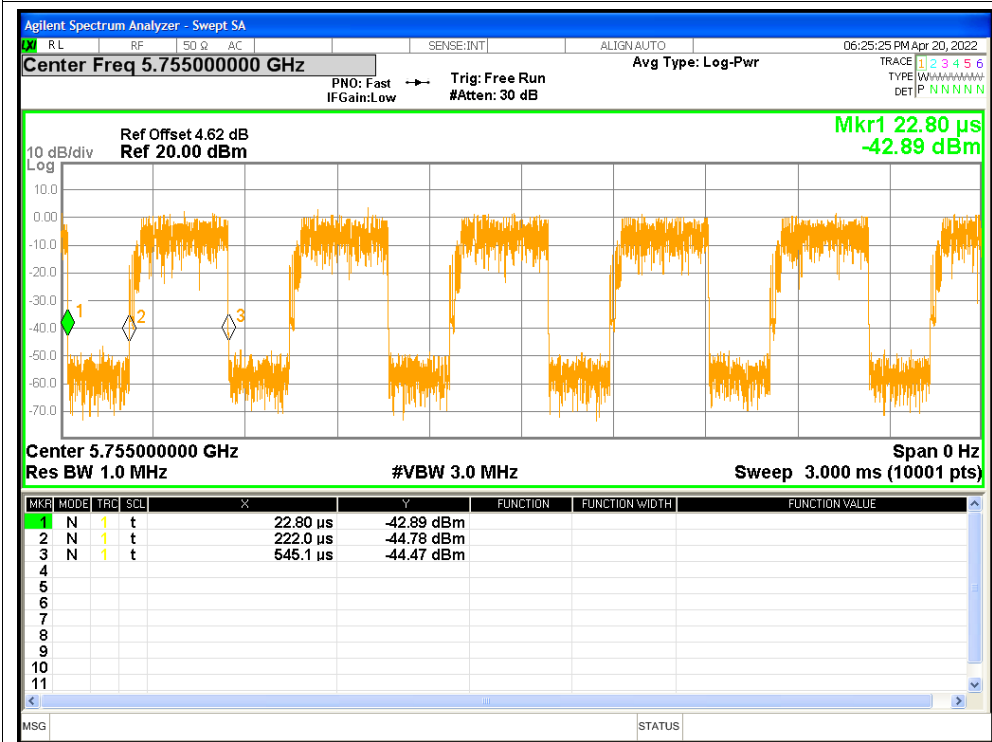
Duty Cycle NVNT ac80 5775MHz



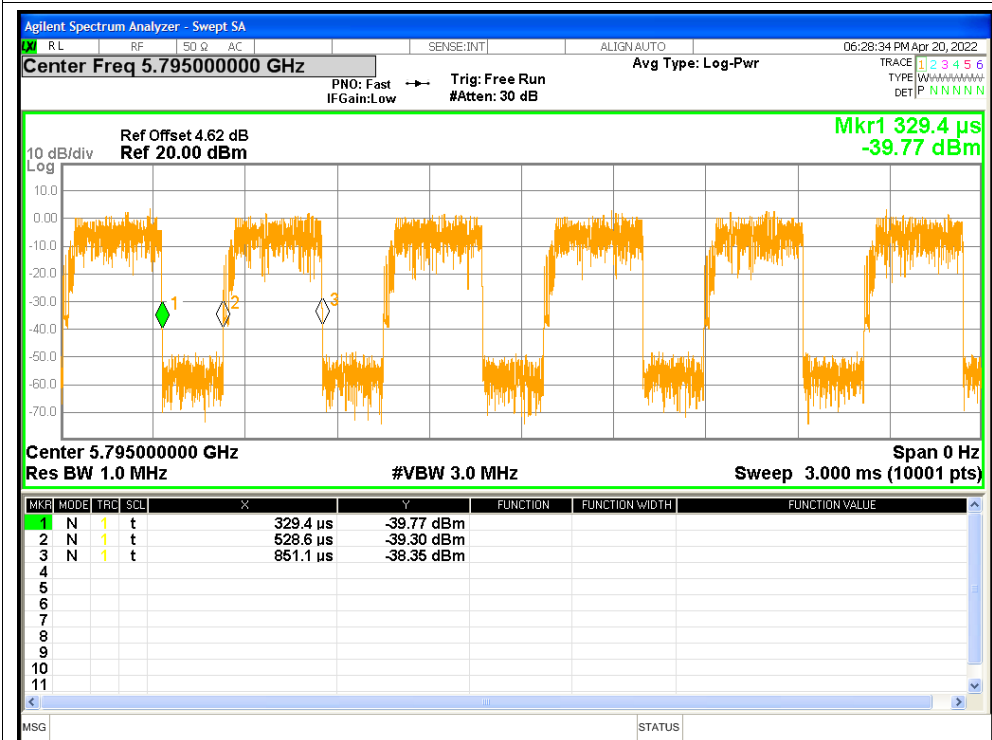
Duty Cycle NVNT ax20 5825MHz



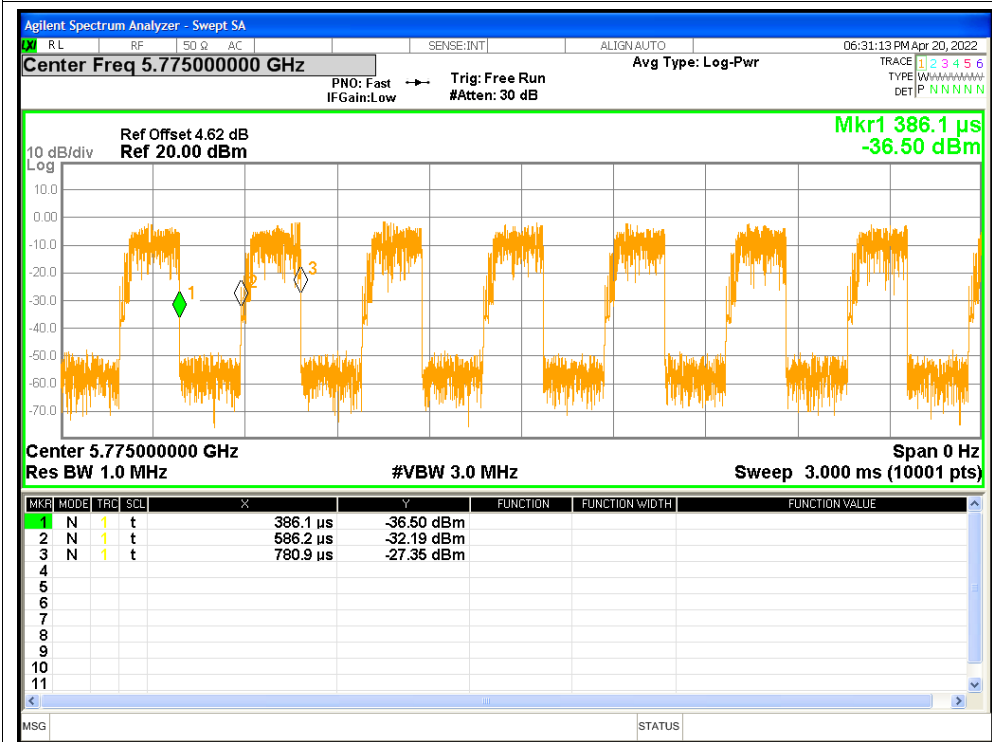
Duty Cycle NVNT ax40 5755MHz



Duty Cycle NVNT ax40 5795MHz



Duty Cycle NVNT ax80 5775MHz

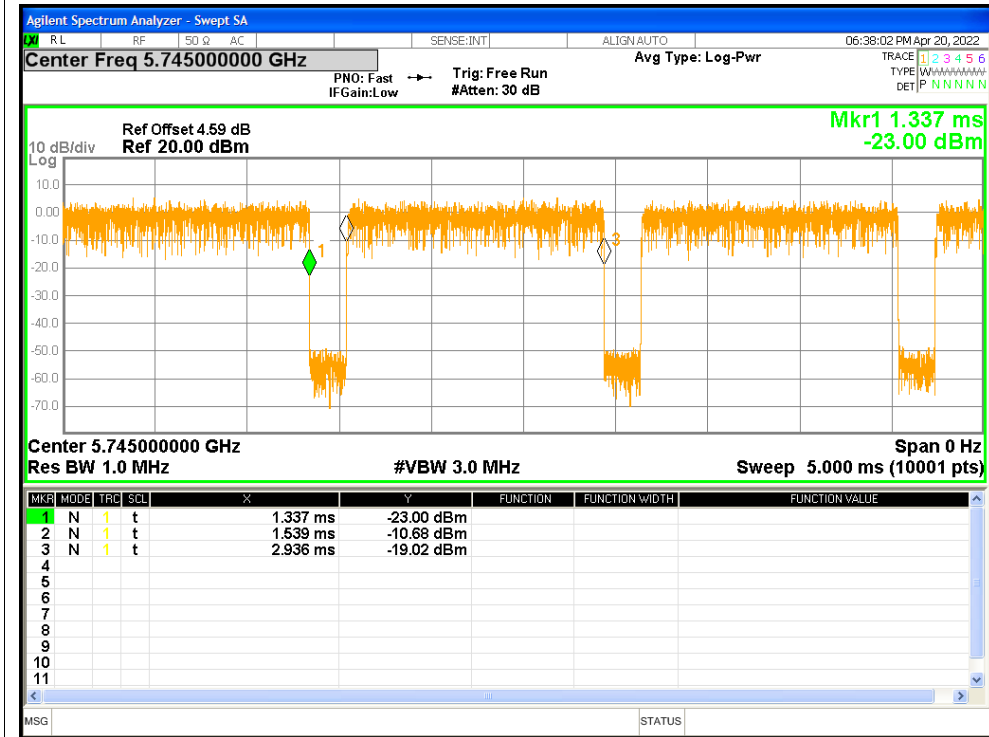


ANT B

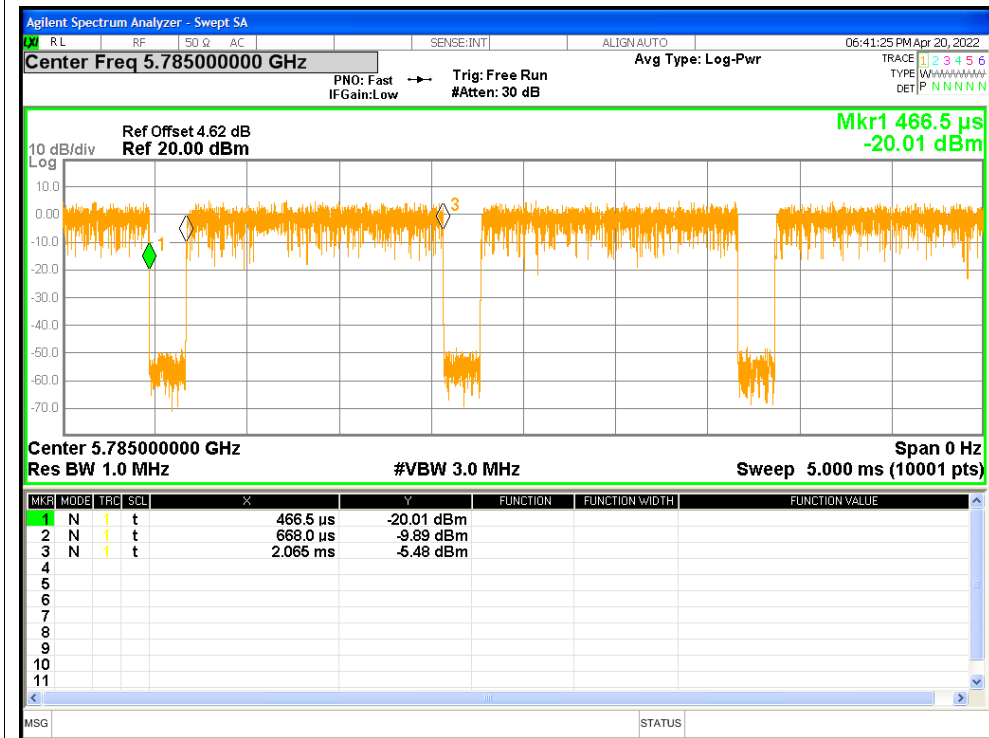
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	87.39	0.59	0.72
NVNT	a	5785	87.39	0.59	0.72
NVNT	a	5825	87.39	0.59	0.72
NVNT	n20	5745	86.52	0.63	0.77
NVNT	n20	5785	86.51	0.63	0.77
NVNT	n20	5825	86.48	0.63	0.77
NVNT	n40	5755	76.23	1.18	1.56
NVNT	n40	5795	76.26	1.18	1.56
NVNT	ac20	5745	77.32	1.12	1.46
NVNT	ac20	5785	77.52	1.11	1.46
NVNT	ac20	5825	77.43	1.11	1.46
NVNT	ac40	5755	64.07	1.93	2.82
NVNT	ac40	5795	64.1	1.93	2.82
NVNT	ac80	5775	37	4.32	5.24
NVNT	ax20	5745	73.77	1.32	1.78
NVNT	ax20	5785	73.88	1.31	1.77
NVNT	ax20	5825	73.88	1.31	1.77
NVNT	ax40	5755	61.82	2.09	3.1
NVNT	ax40	5795	62.5	2.04	666.67
NVNT	ax80	5775	38.82	4.11	5.12

Test Graphs

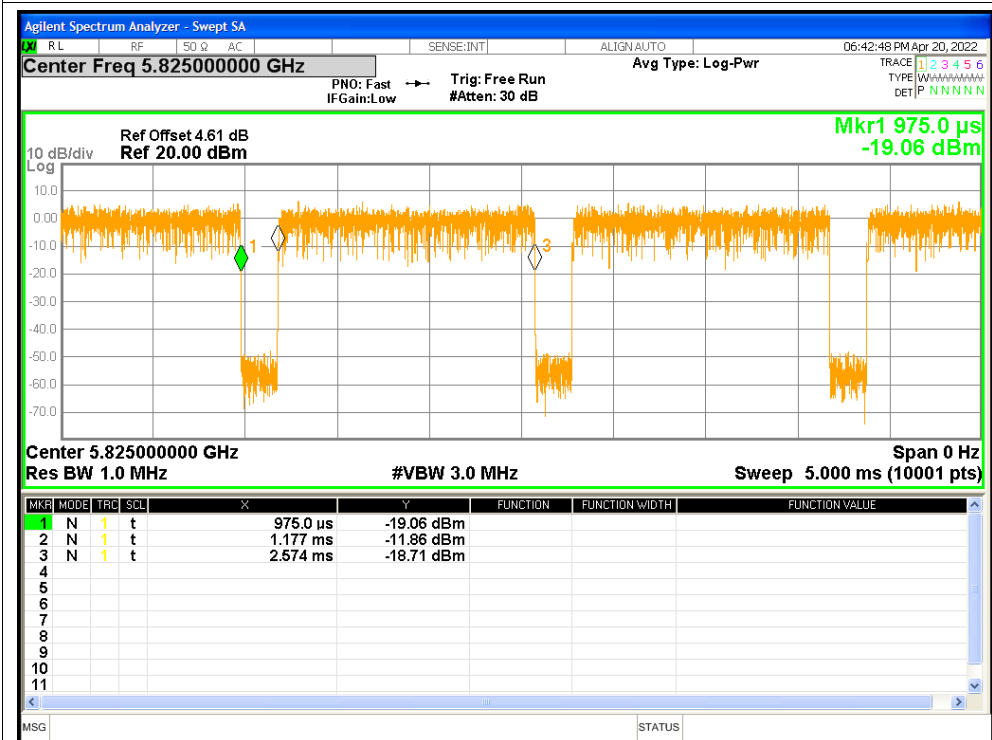
Duty Cycle NVNT a 5745MHz



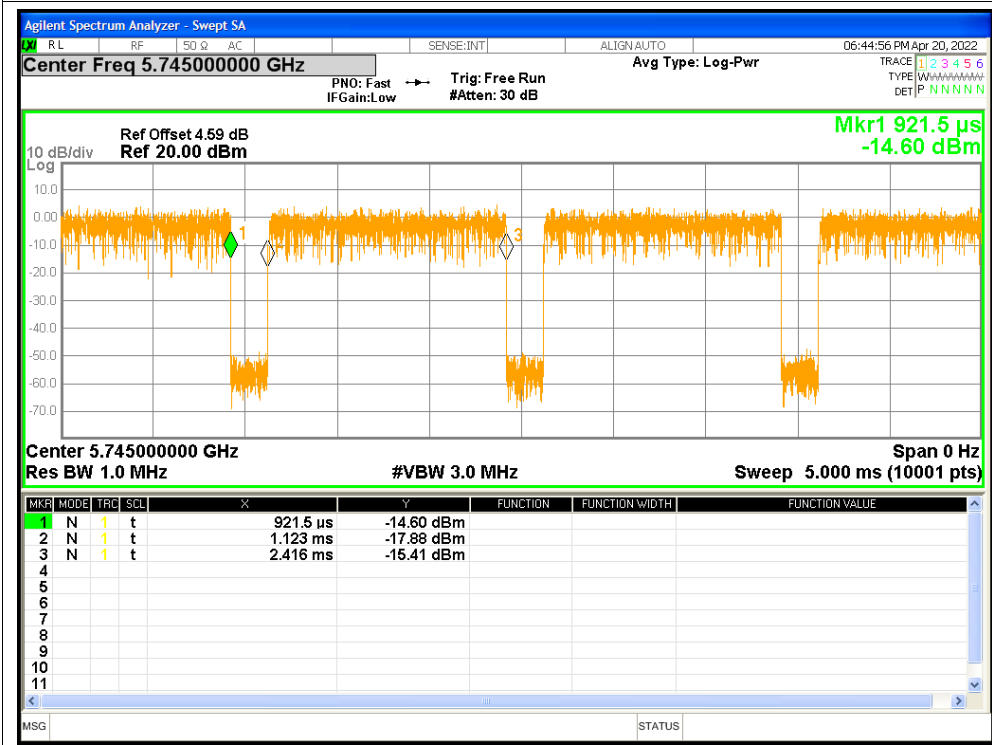
Duty Cycle NVNT a 5785MHz

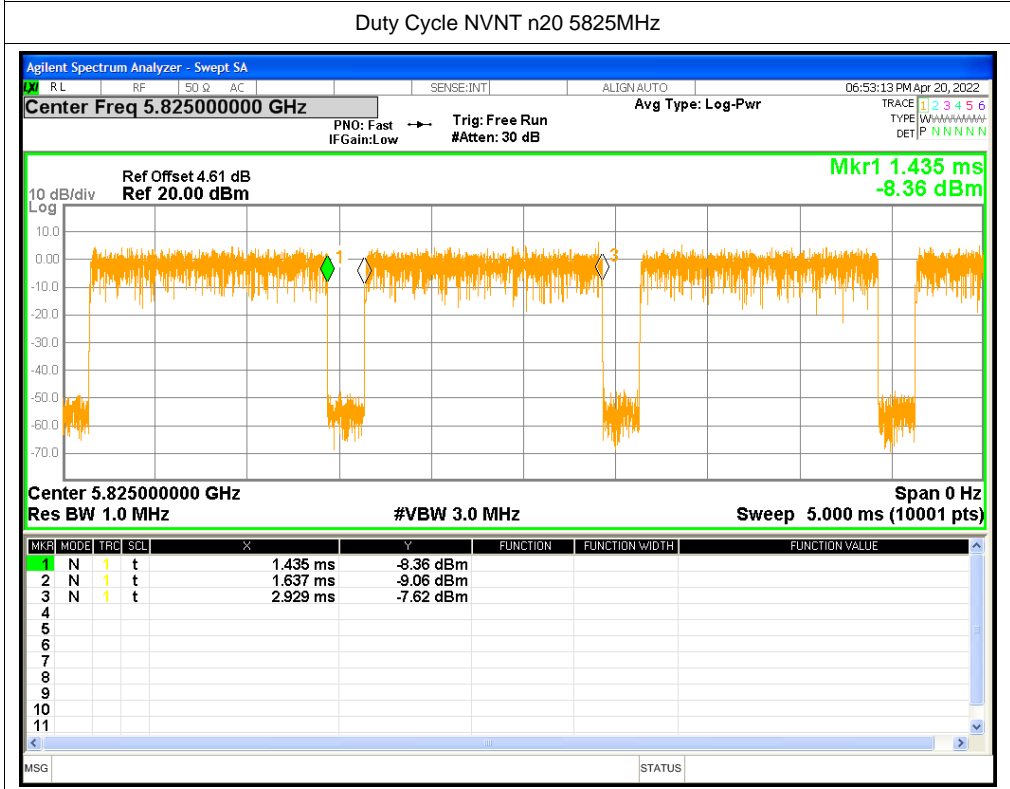
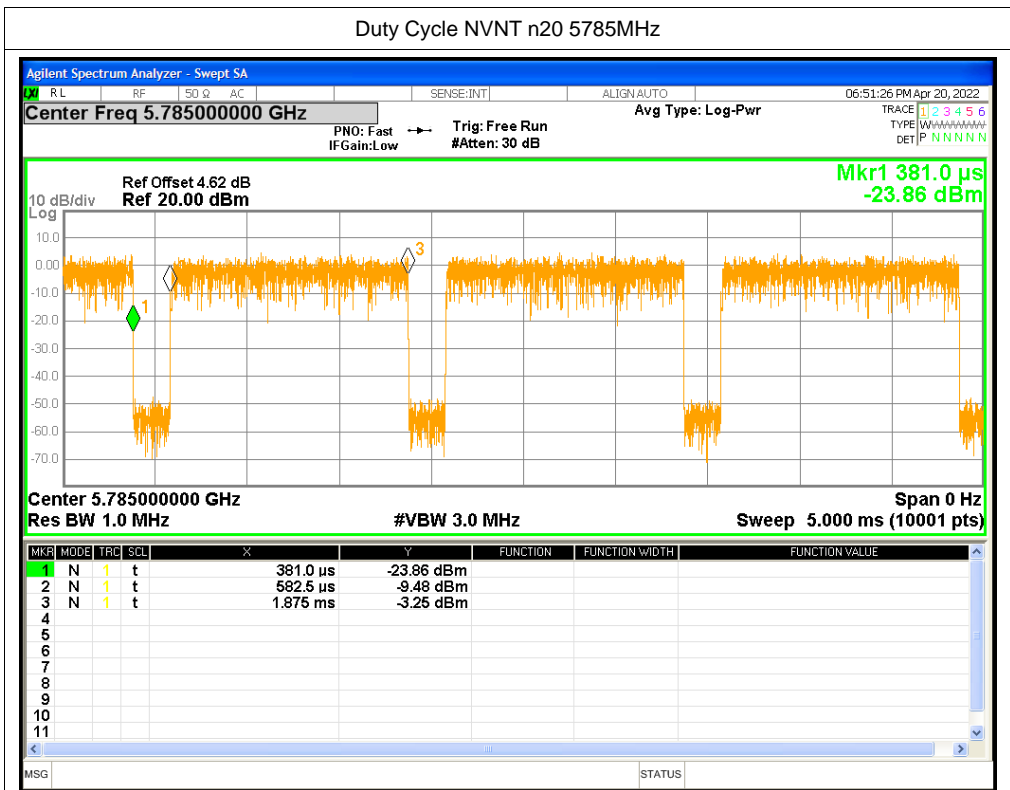


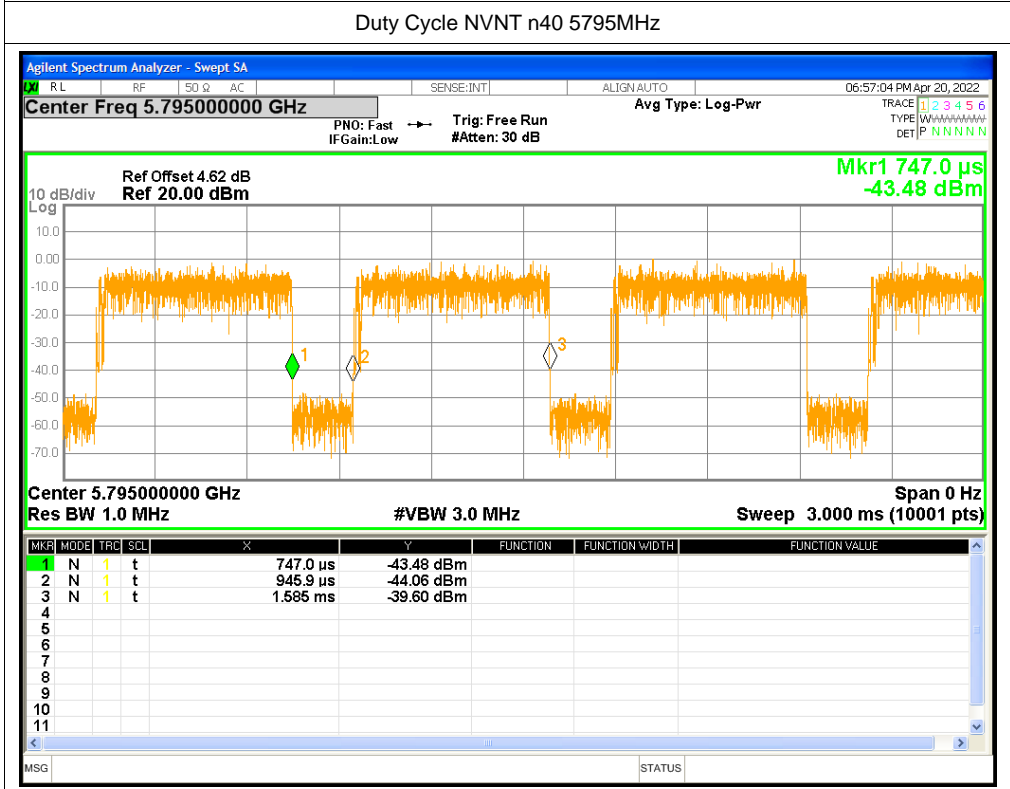
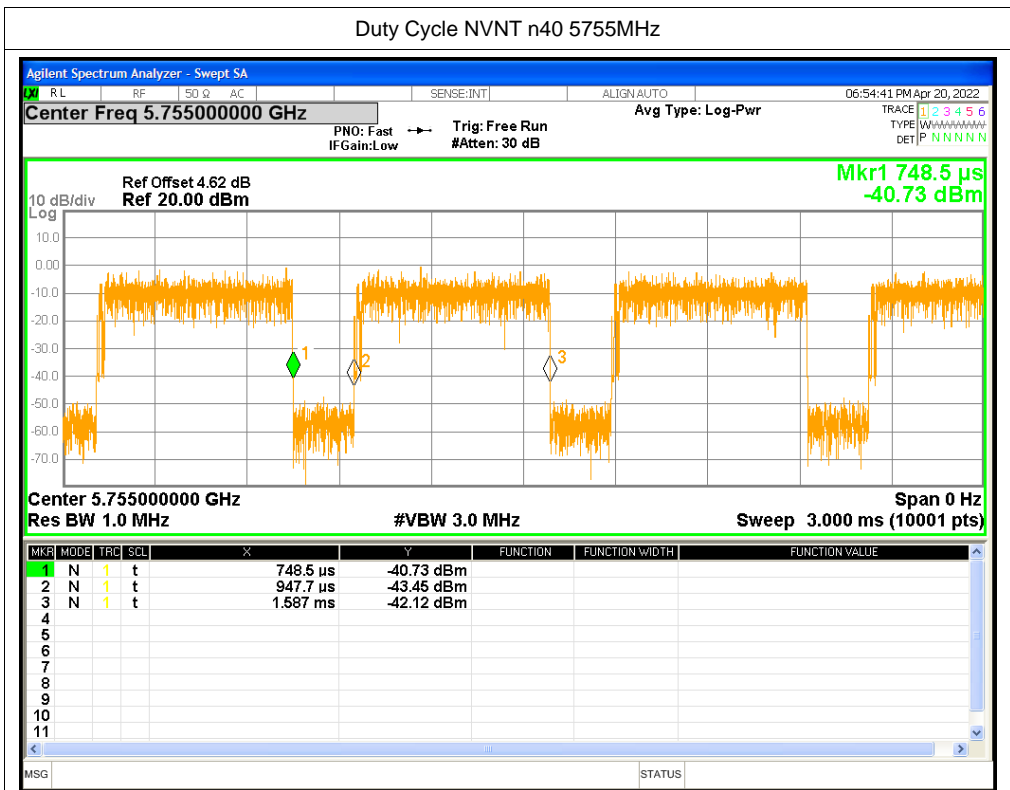
Duty Cycle NVNT a 5825MHz



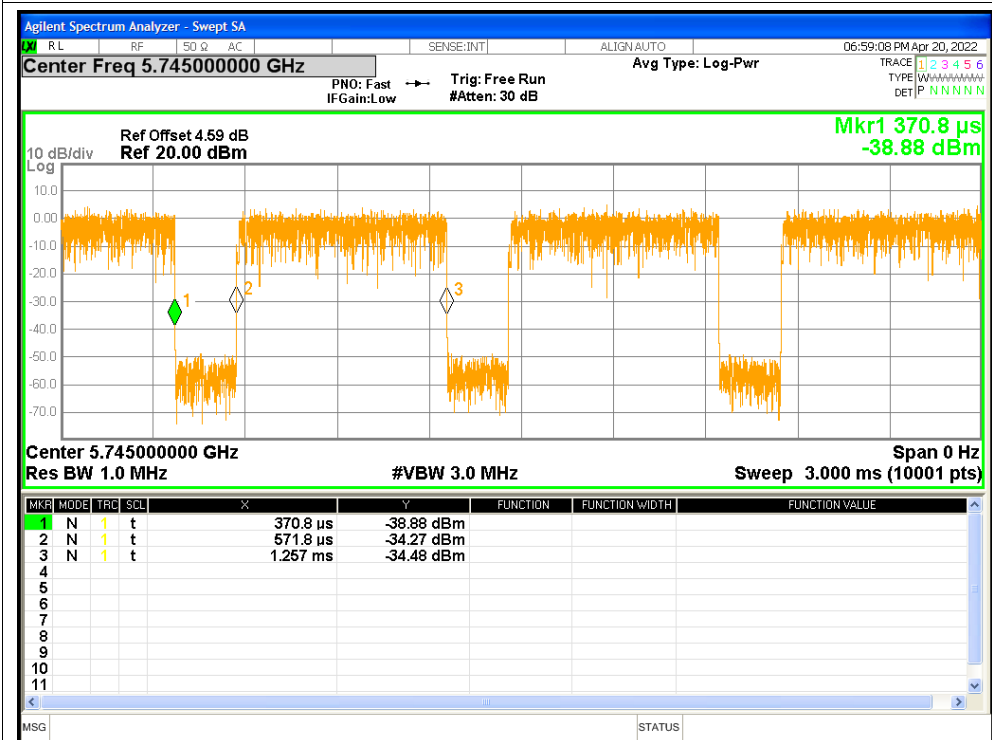
Duty Cycle NVNT n20 5745MHz



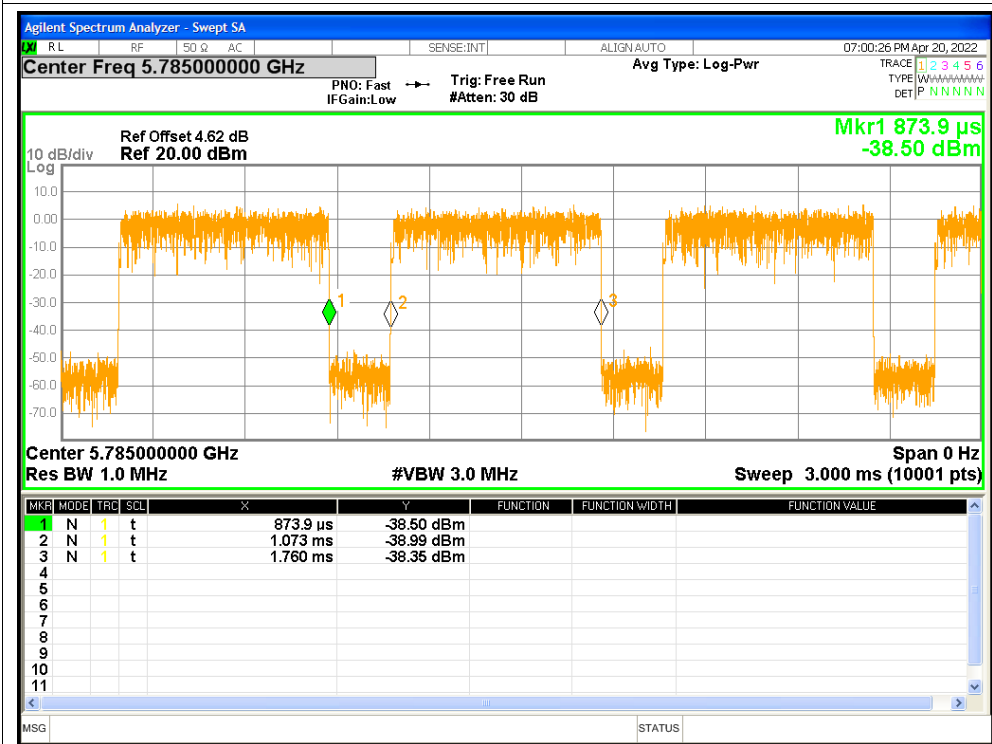




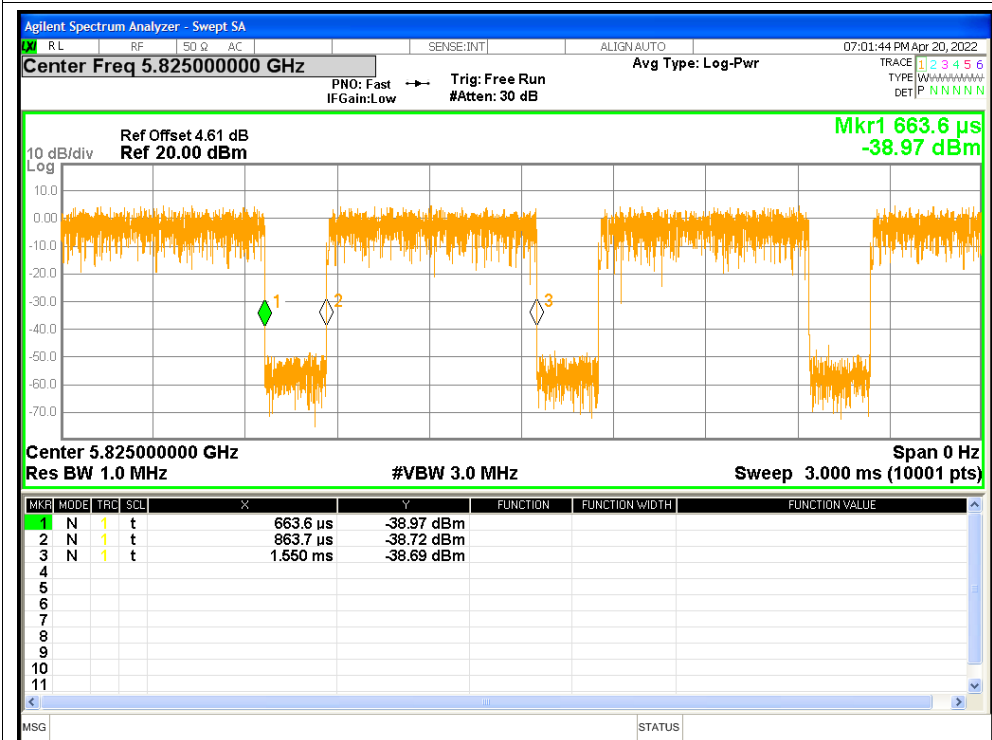
Duty Cycle NVNT ac20 5745MHz



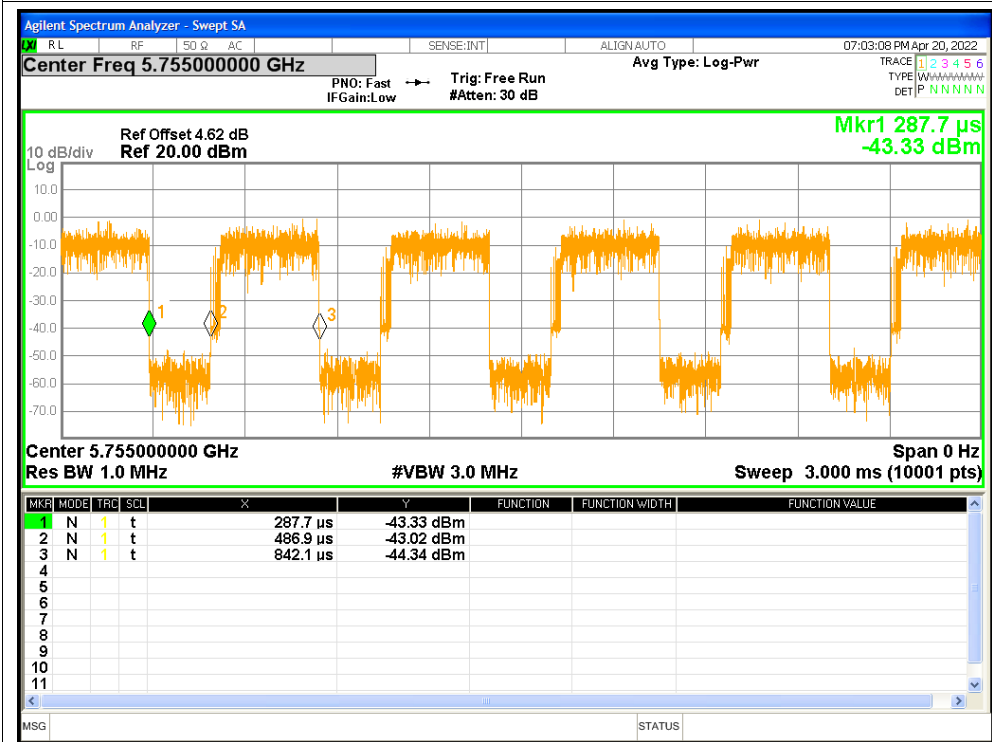
Duty Cycle NVNT ac20 5785MHz



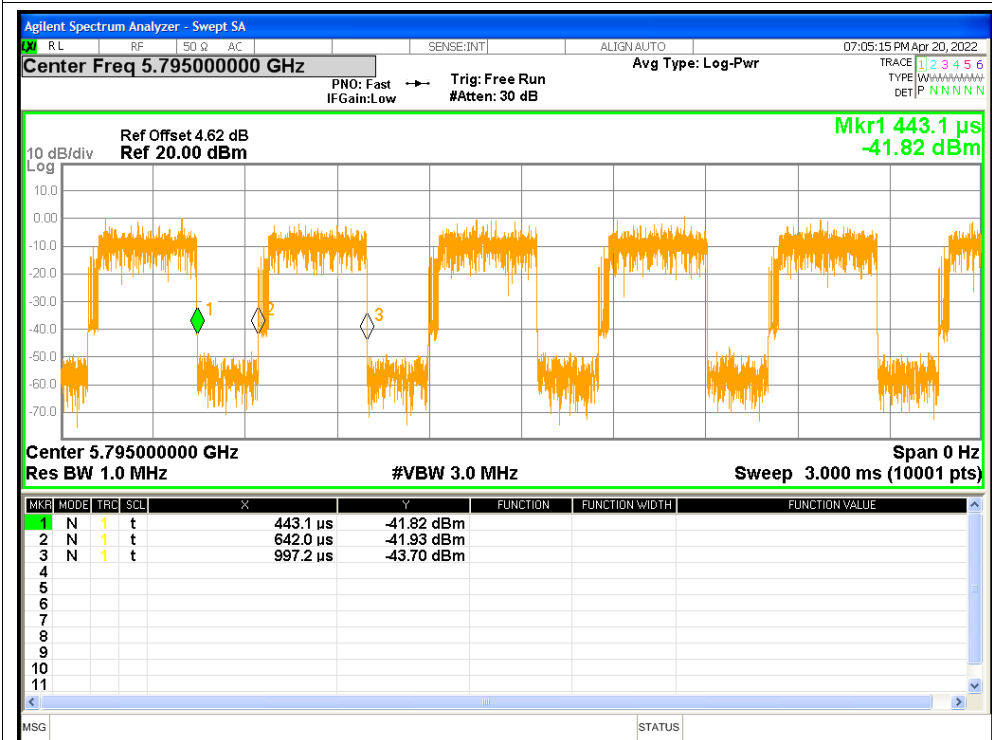
Duty Cycle NVNT ac20 5825MHz



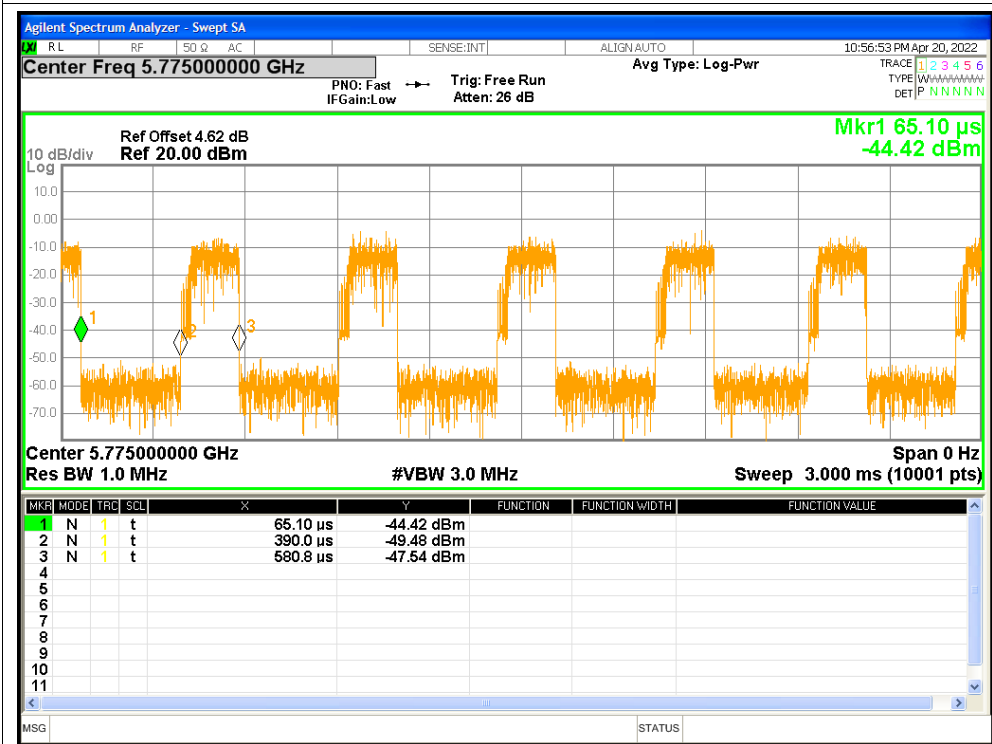
Duty Cycle NVNT ac40 5755MHz



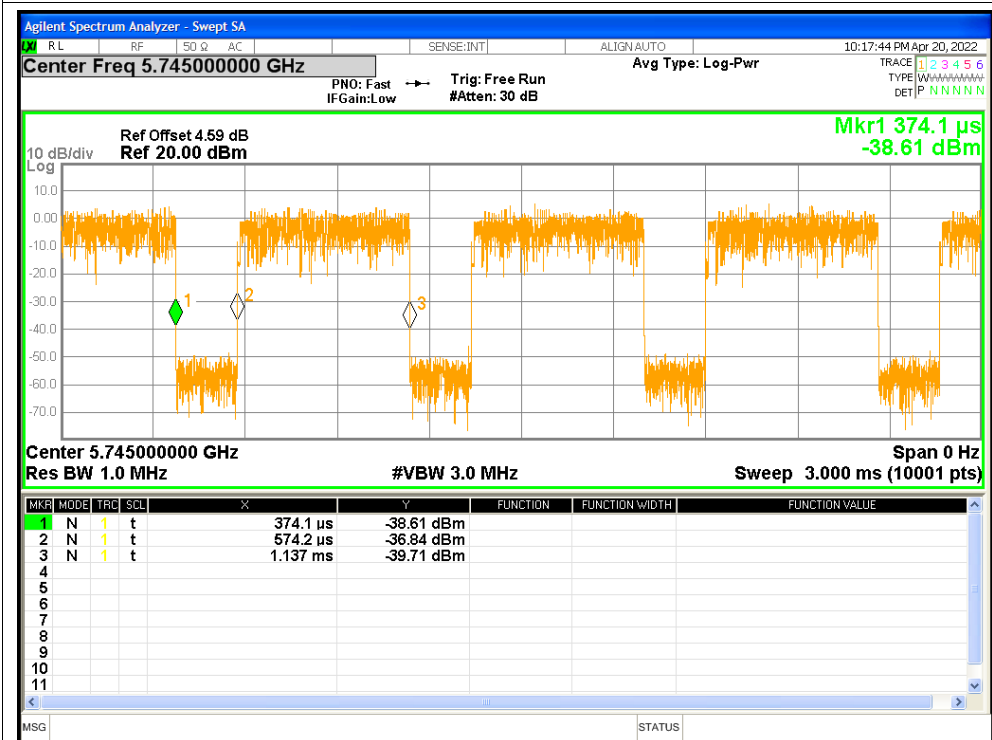
Duty Cycle NVNT ac40 5795MHz



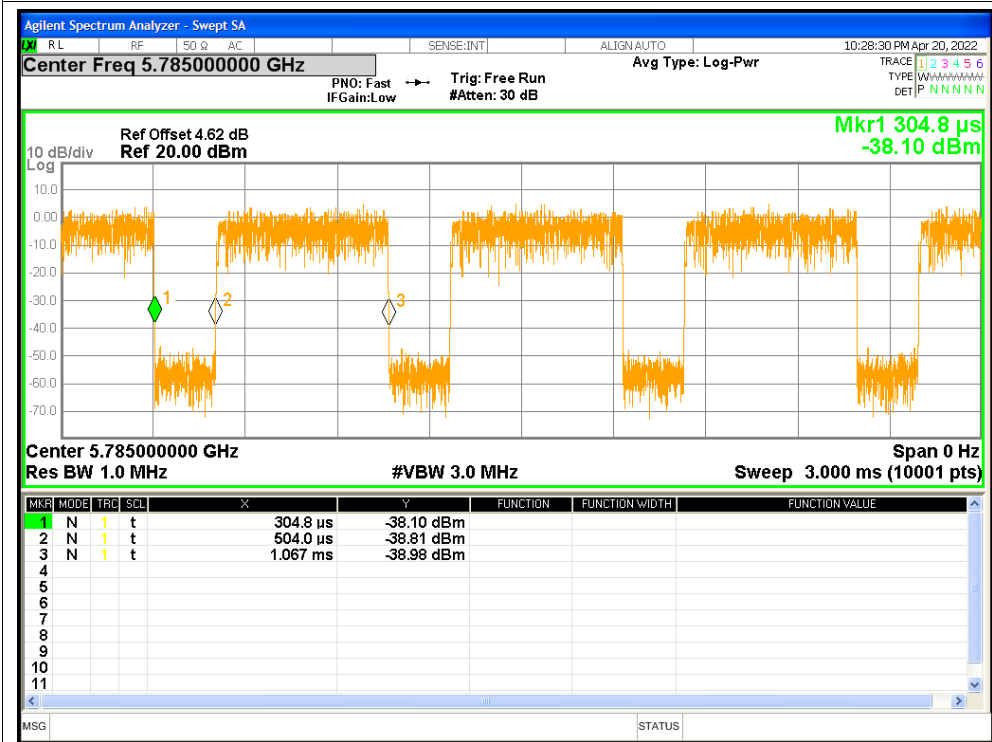
Duty Cycle NVNT ac80 5775MHz



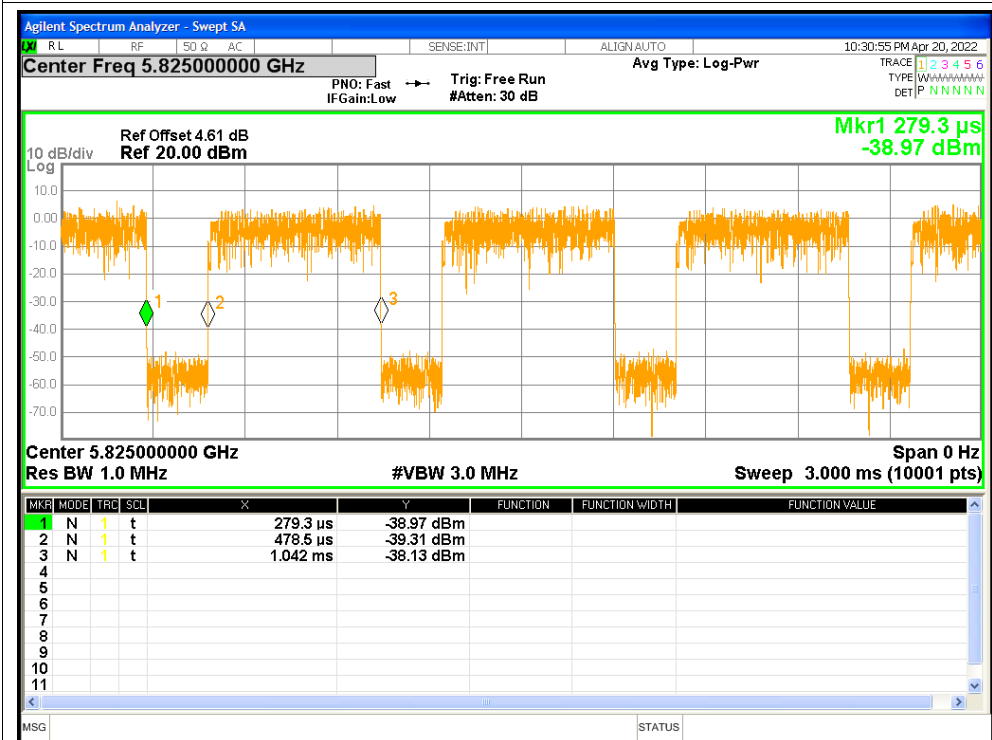
Duty Cycle NVNT ax20 5745MHz



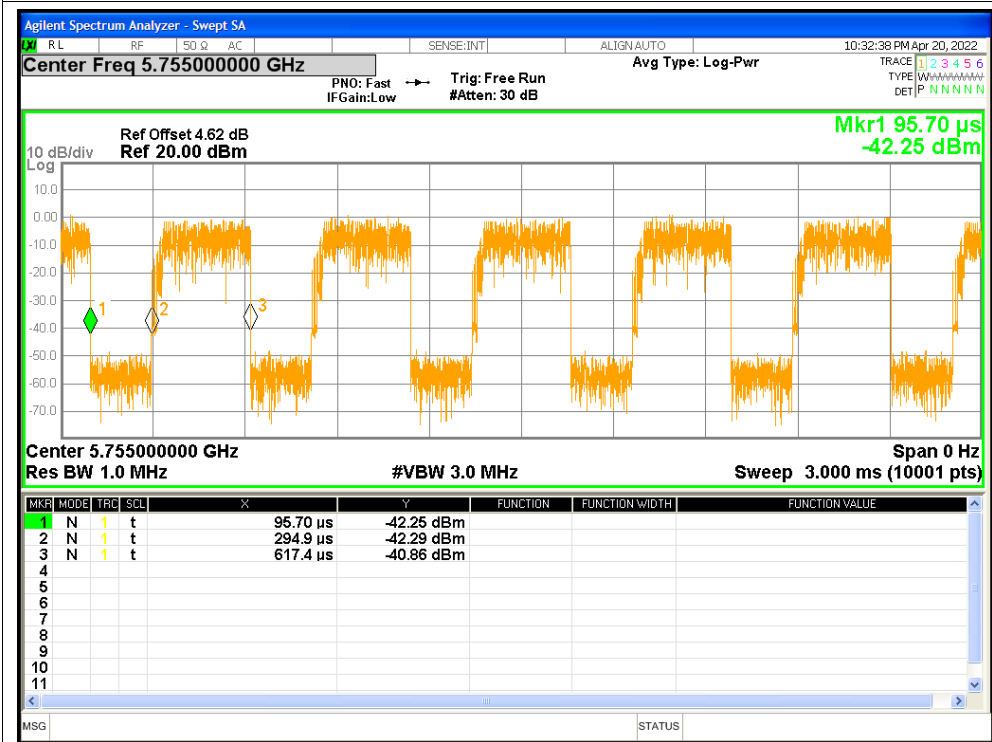
Duty Cycle NVNT ax20 5785MHz



Duty Cycle NVNT ax20 5825MHz



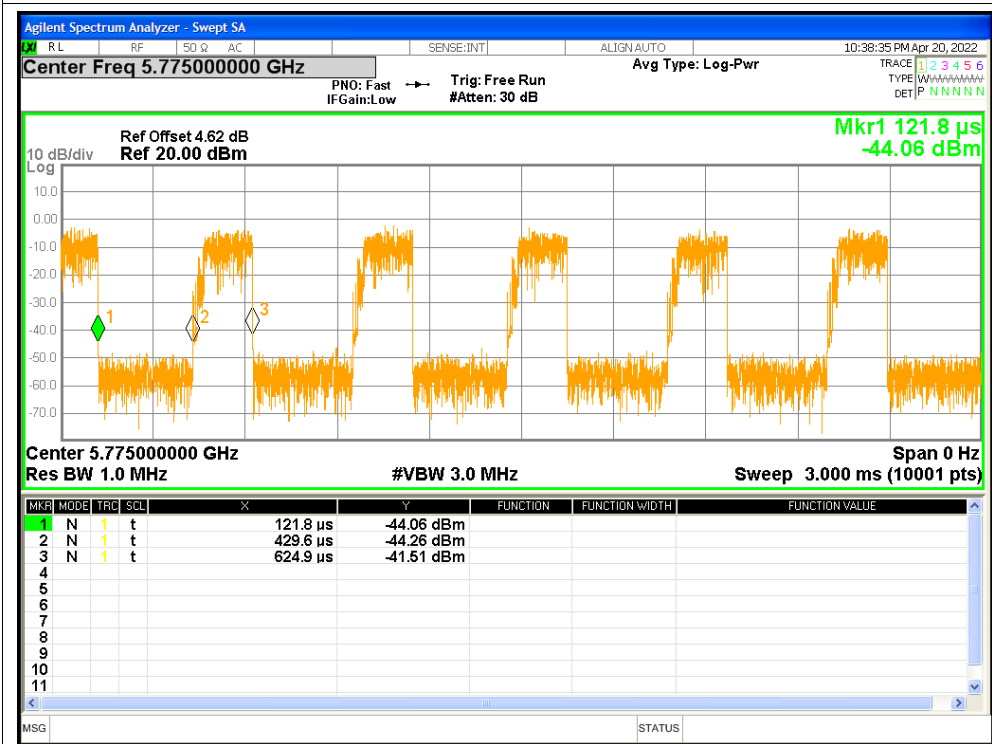
Duty Cycle NVNT ax40 5755MHz



Duty Cycle NVNT ax40 5795MHz



Duty Cycle NVNT ax80 5775MHz



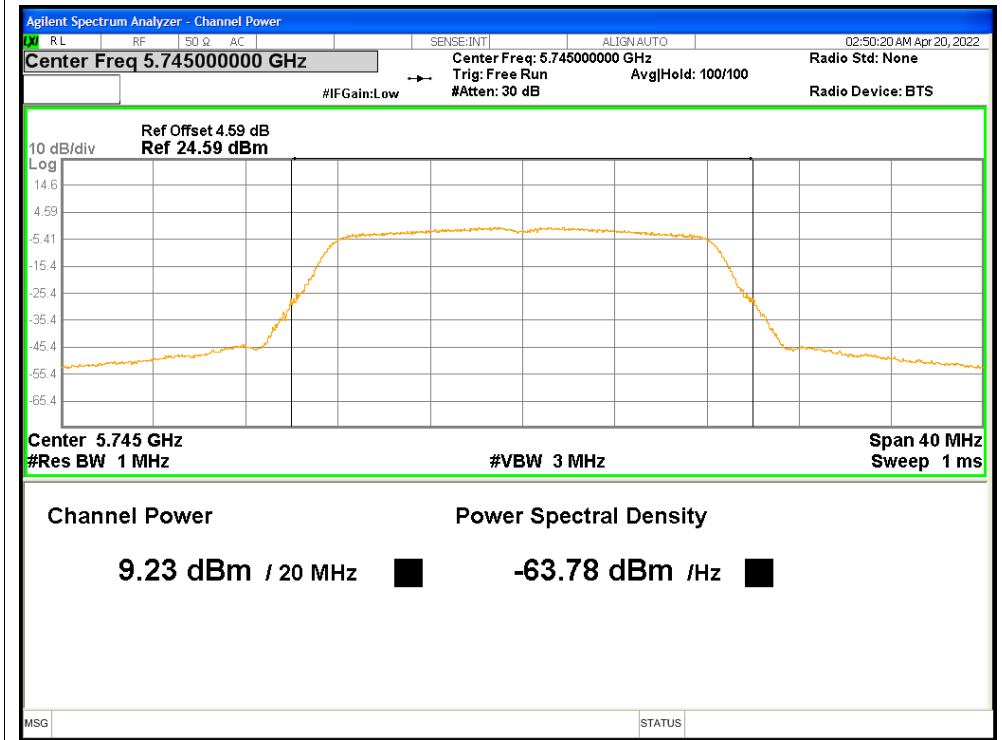
Maximum Average Conducted Output Power

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								
149	5745	10.10	9.03	0.870	10.97	9.90	--	30.00
157	5785	9.03	8.49	0.590	9.62	9.08	--	30.00
165	5825	10.67	9.74	0.590	11.26	10.33	--	30.00
802.11n(HT20)								
149	5745	9.10	8.42	0.630	9.73	9.05	12.414	27.99
157	5785	9.23	8.69	0.630	9.86	9.32	12.609	27.99
165	5825	10.14	9.29	0.630	10.77	9.92	13.376	27.99
802.11n(HT40)								
151	5755	8.71	7.04	1.180	9.89	8.22	12.145	27.99
159	5795	8.45	7.51	1.180	9.63	8.69	12.196	27.99
802.11ac(VHT20)								
149	5745	9.22	8.48	1.110	10.33	9.59	12.986	27.99
157	5785	8.95	8.10	1.110	10.06	9.21	12.666	27.99
165	5825	10.18	9.45	1.100	11.28	10.55	13.941	27.99
802.11ac(VHT40)								
151	5755	7.11	6.76	1.930	9.04	8.69	11.879	27.99
159	5795	8.51	7.12	2.930	11.44	10.05	13.811	27.99
802.11ac(VHT80)								
155	5775	6.67	5.60	3.120	9.79	8.72	12.298	27.99
802.11ax(HE20)								
149	5745	7.74	5.66	1.330	9.07	6.99	11.164	27.99
157	5785	9.98	8.36	1.320	11.30	9.68	13.575	27.99
165	5825	10.52	9.15	1.310	11.83	10.46	14.209	27.99
802.11ax(HE40)								
151	5755	8.27	7.75	2.090	10.36	9.84	13.118	27.99
159	5795	9.47	8.22	2.090	11.56	10.31	13.990	27.99
802.11ax(HE80)								
155	5775	8.93	7.58	3.070	12.00	10.65	14.388	27.99

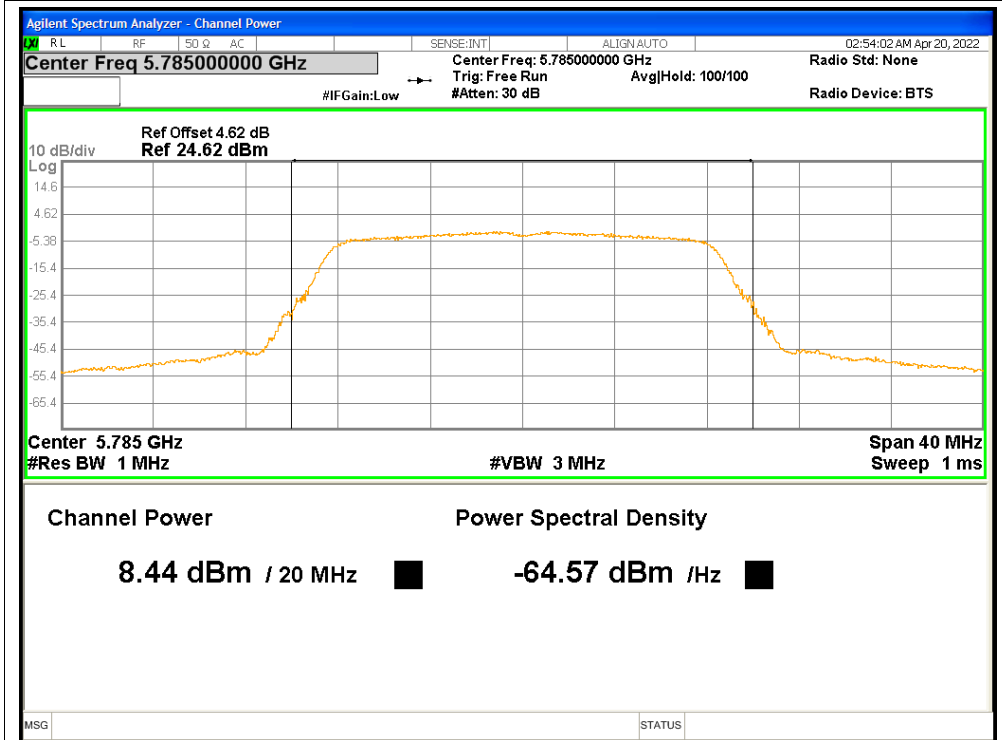
ANT A

Test Graphs

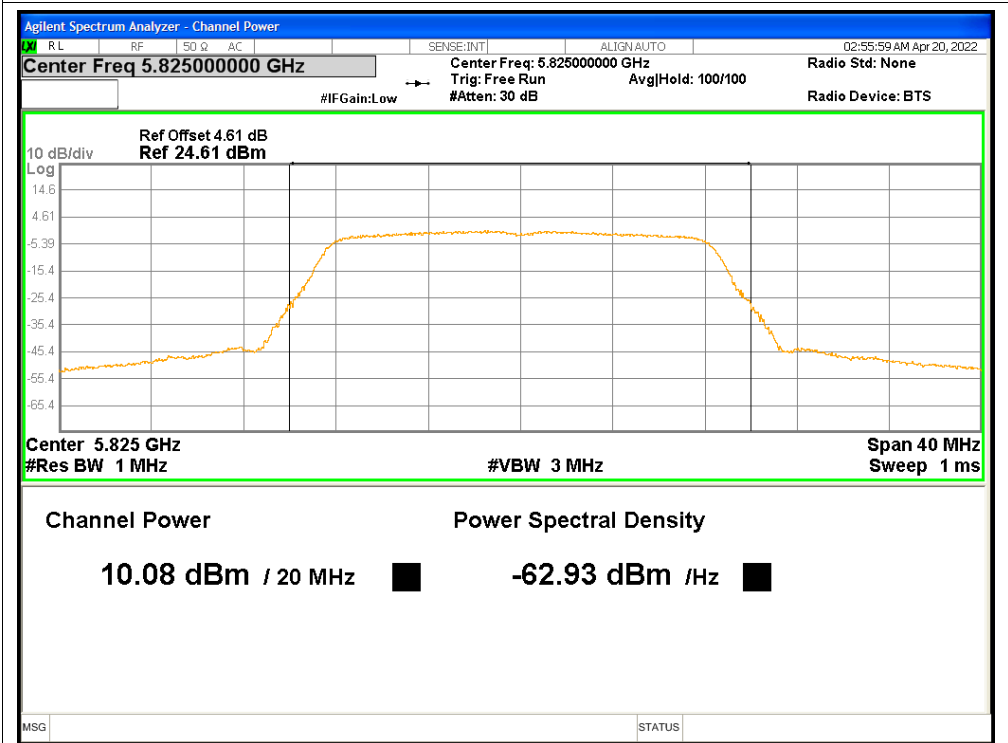
Average Power NVNT a 5745MHz



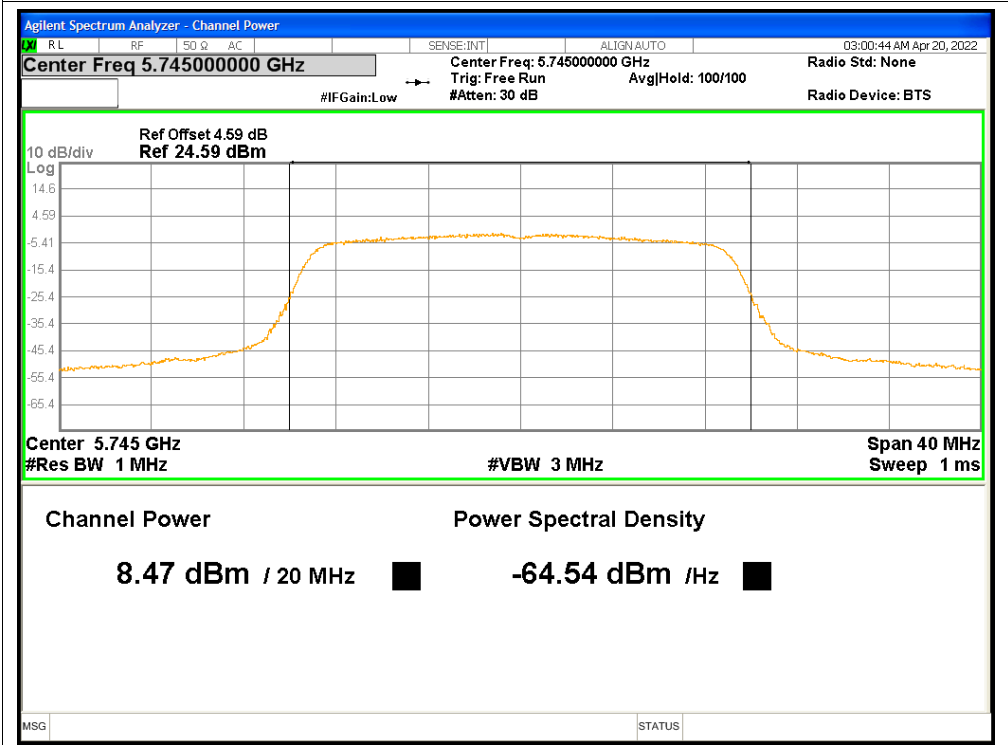
Average Power NVNT a 5785MHz



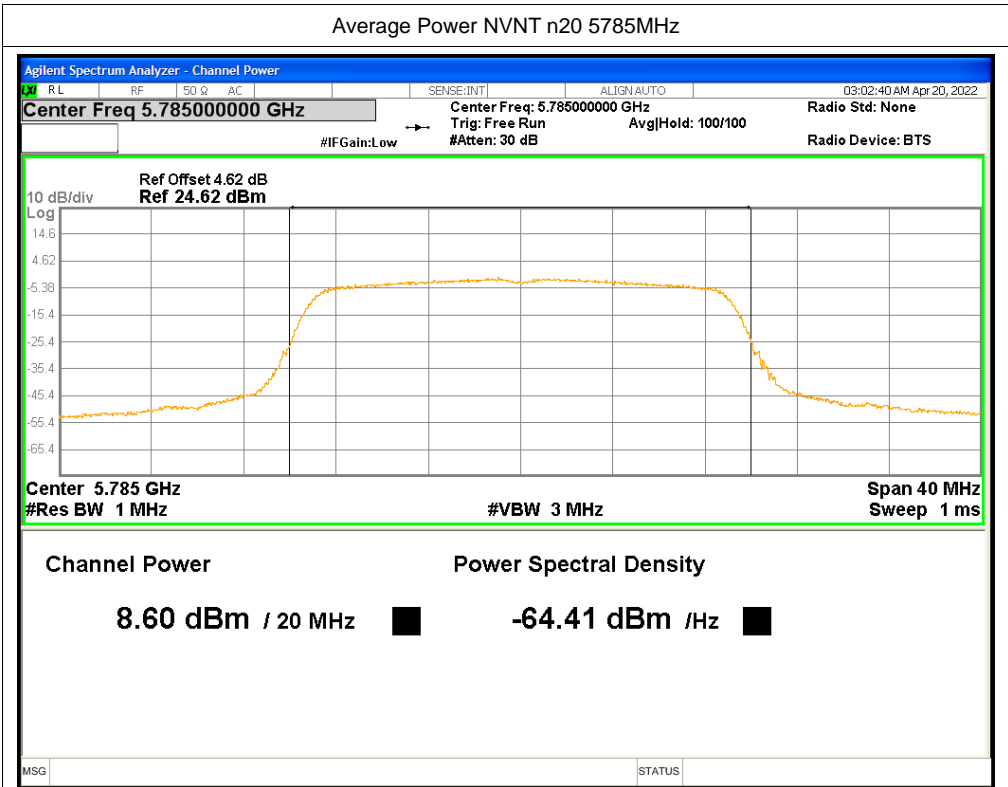
Average Power NVNT a 5825MHz



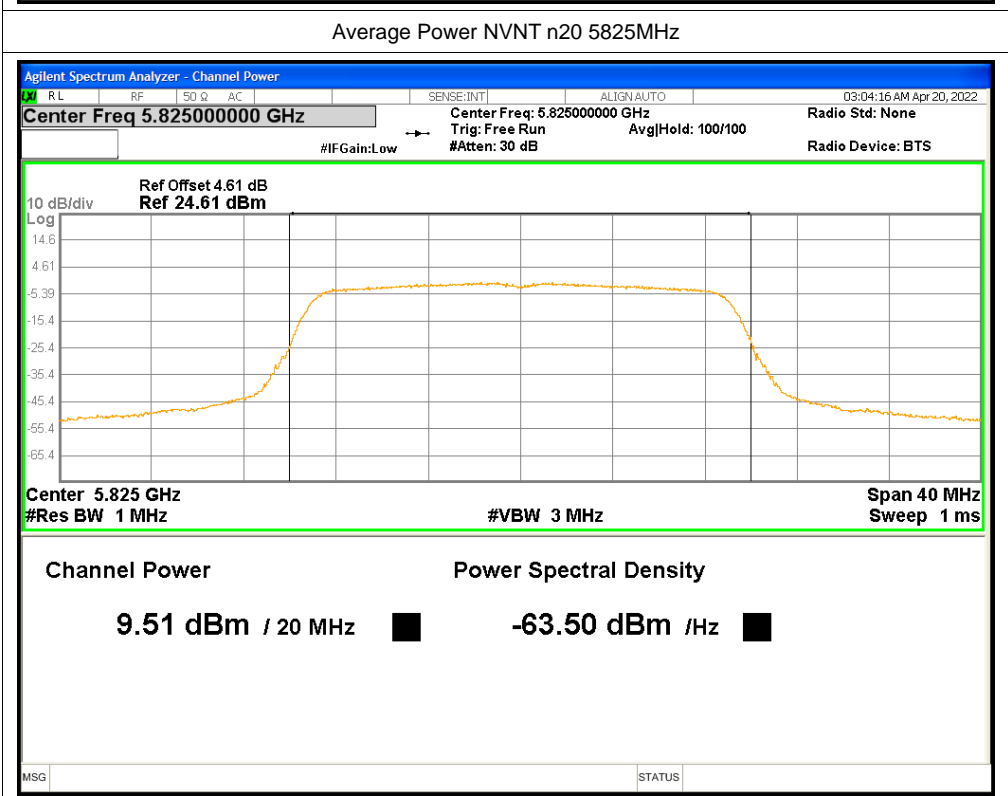
Average Power NVNT n20 5745MHz



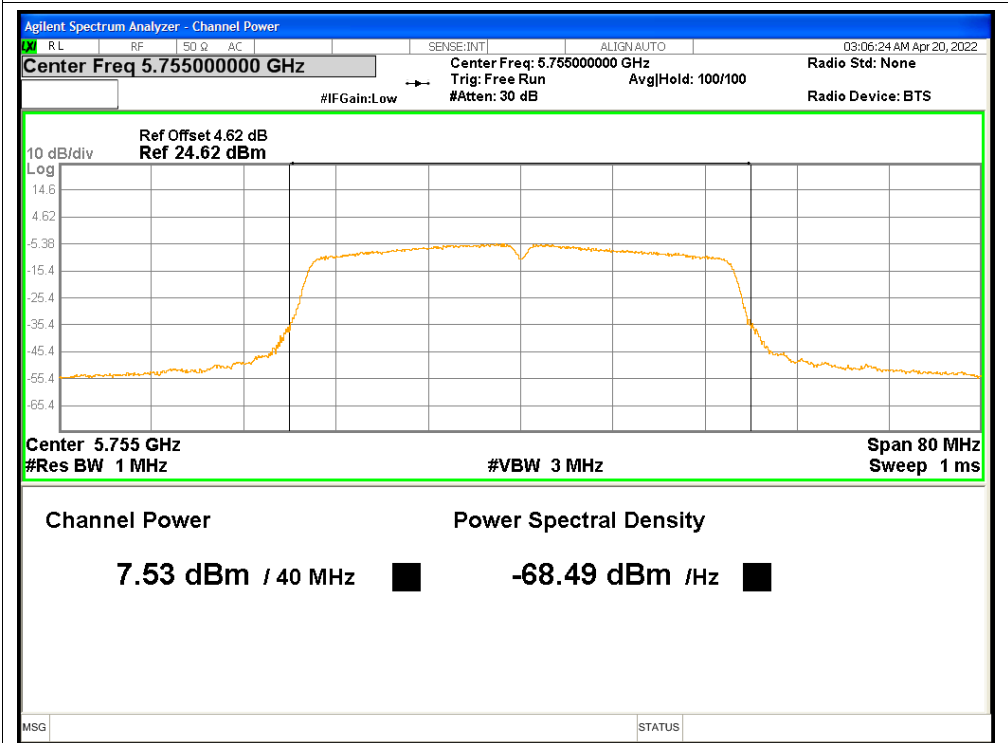
Average Power NVNT n20 5785MHz



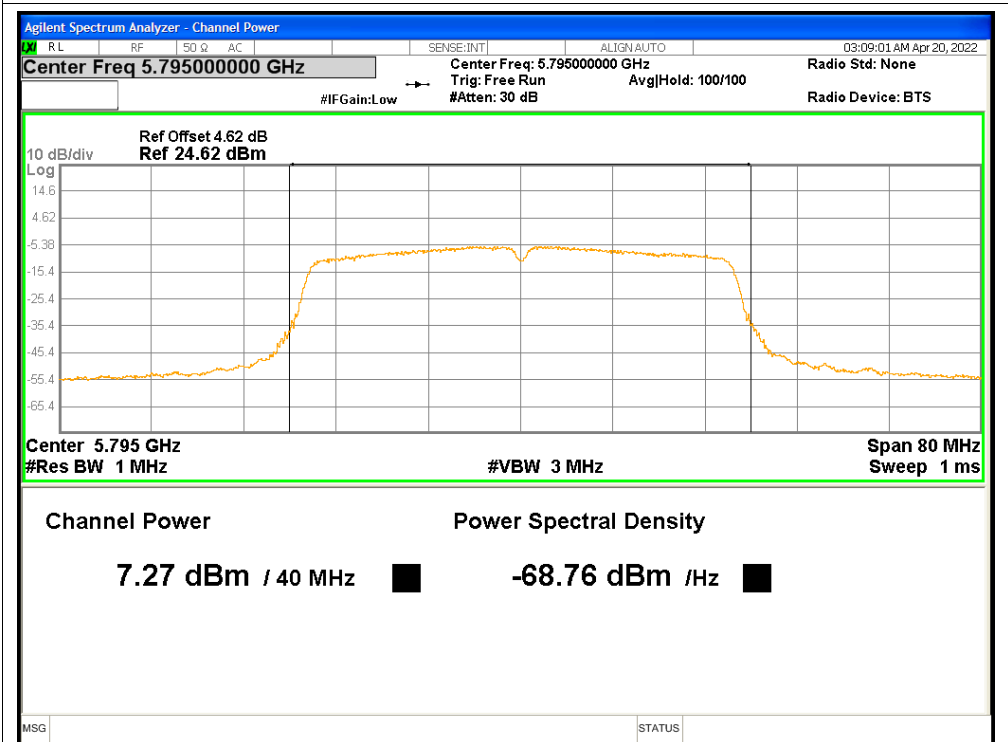
Average Power NVNT n20 5825MHz



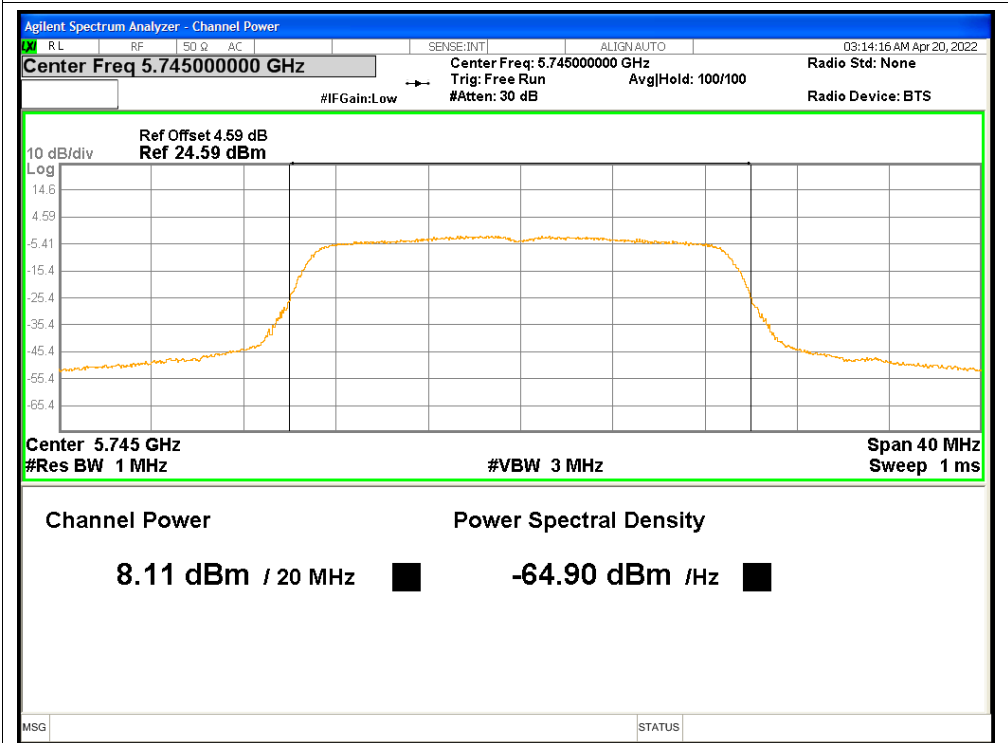
Average Power NVNT n40 5755MHz



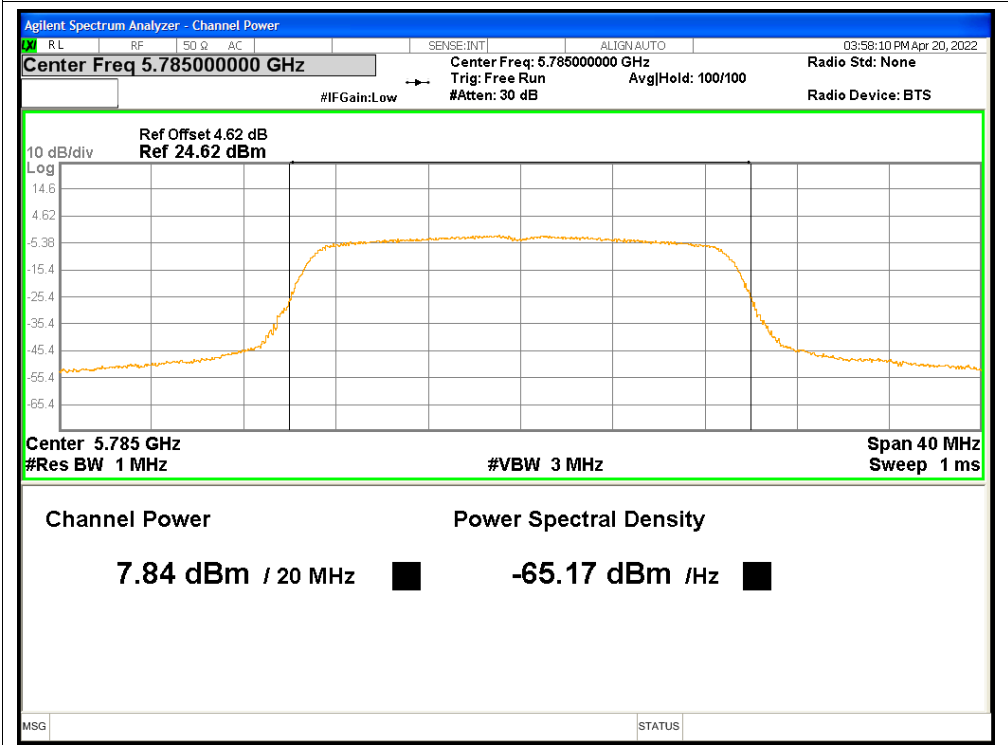
Average Power NVNT n40 5795MHz



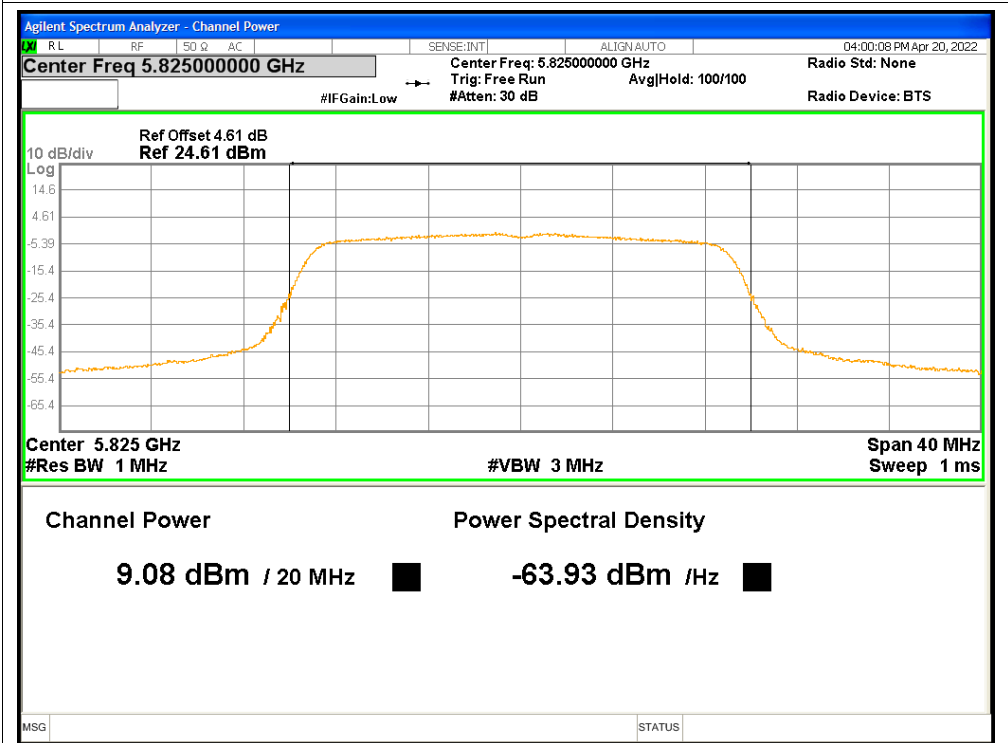
Average Power NVNT ac20 5745MHz



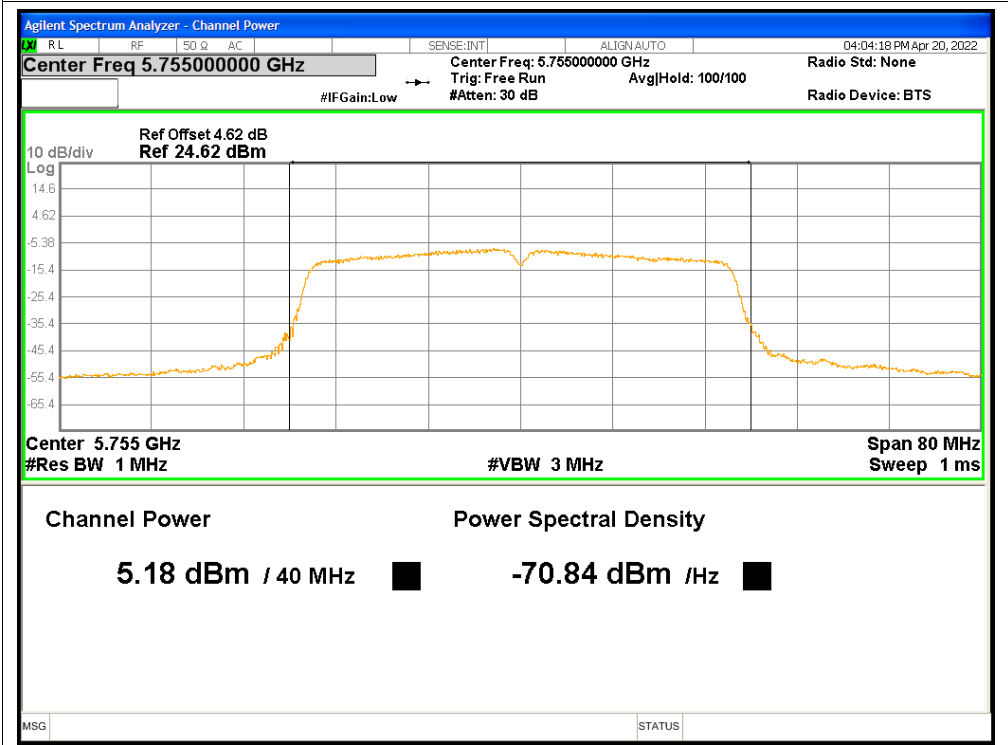
Average Power NVNT ac20 5785MHz



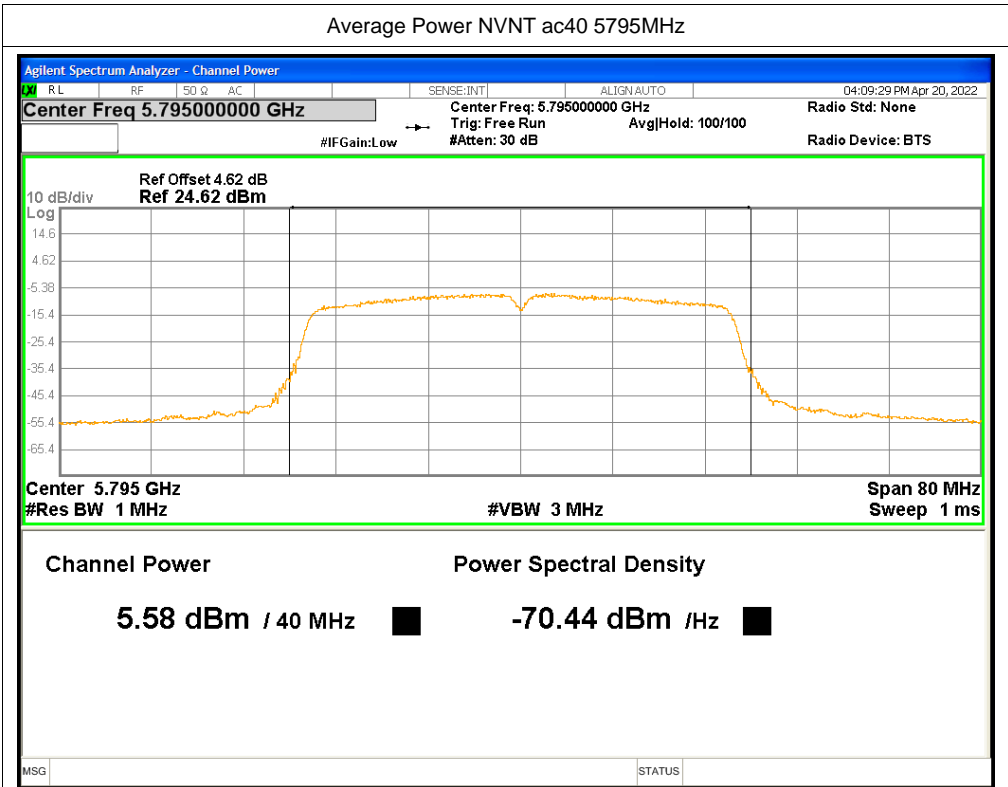
Average Power NVNT ac20 5825MHz



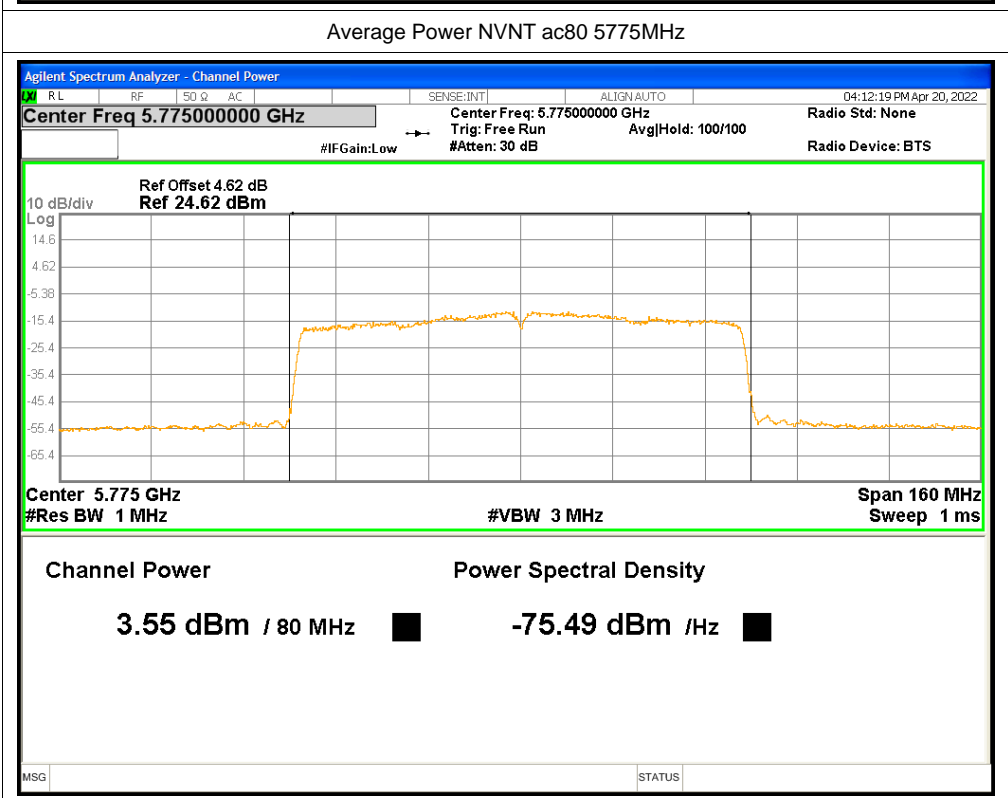
Average Power NVNT ac40 5755MHz



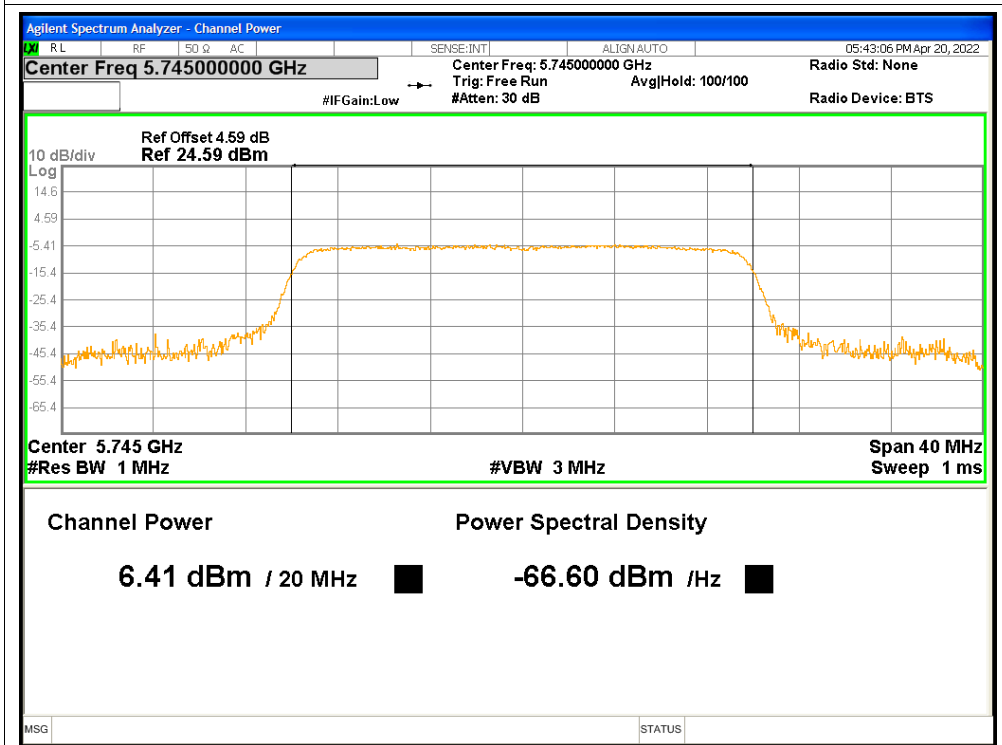
Average Power NVNT ac40 5795MHz



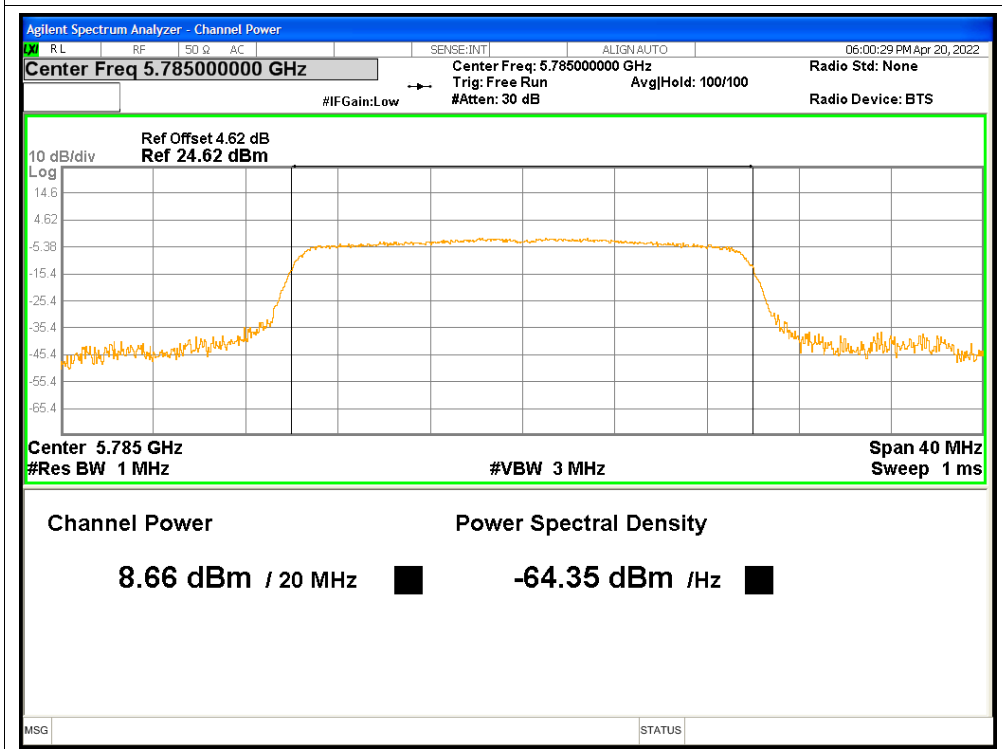
Average Power NVNT ac80 5775MHz



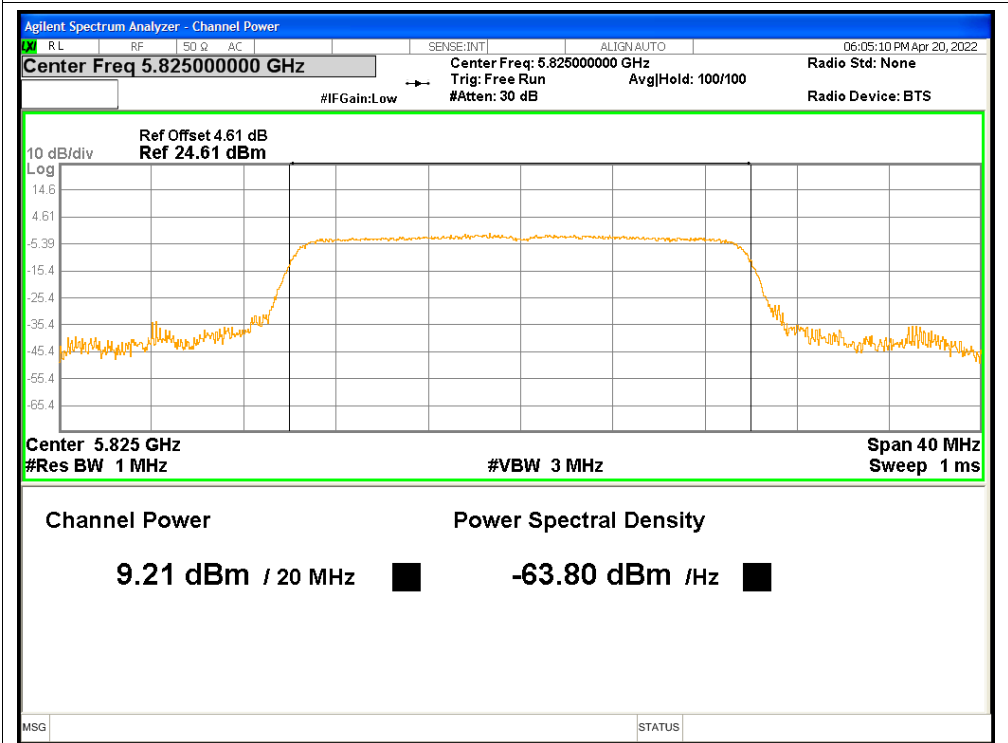
Average Power NVNT ax20 5745MHz



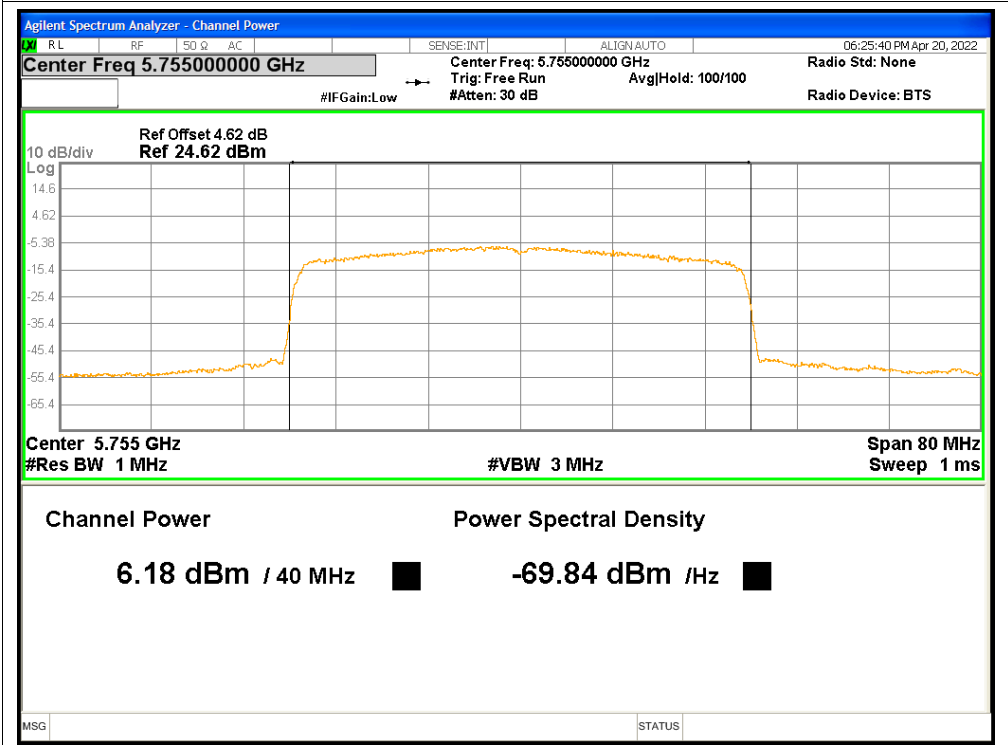
Average Power NVNT ax20 5785MHz



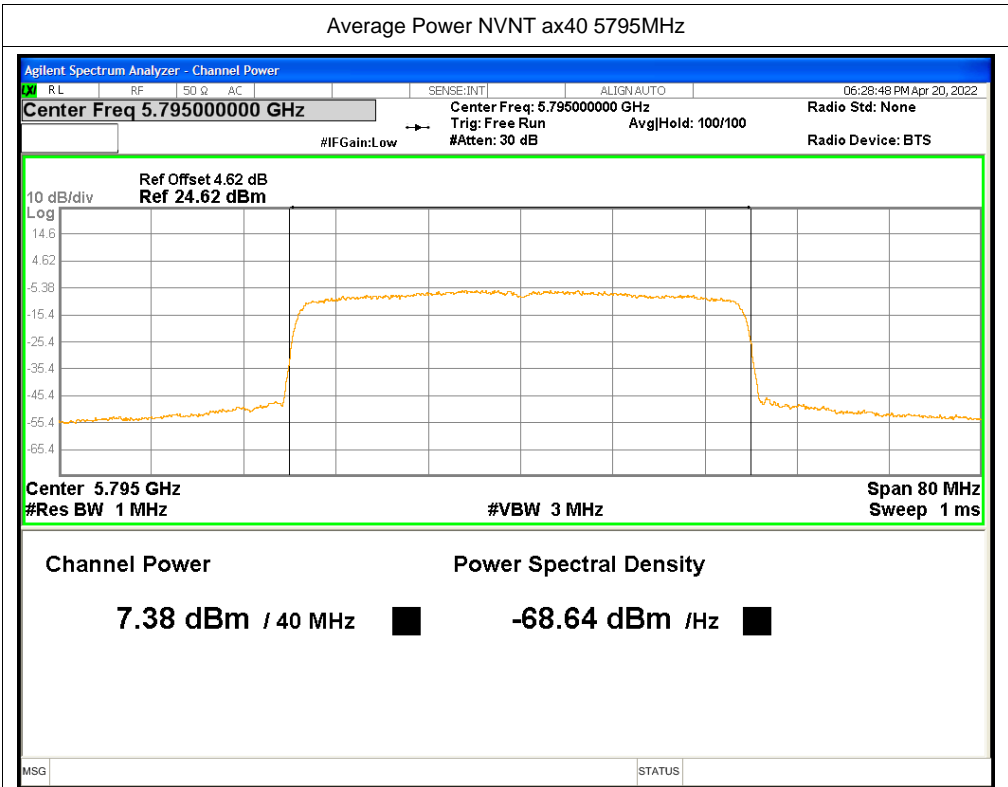
Average Power NVNT ax20 5825MHz



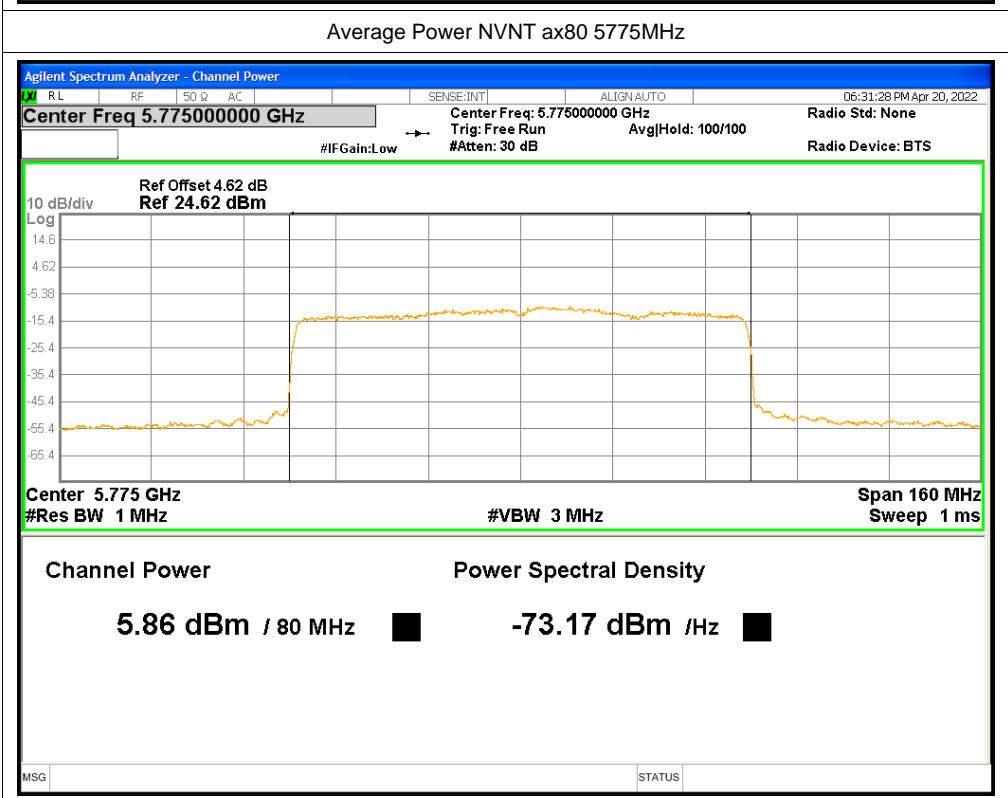
Average Power NVNT ax40 5755MHz



Average Power NVNT ax40 5795MHz



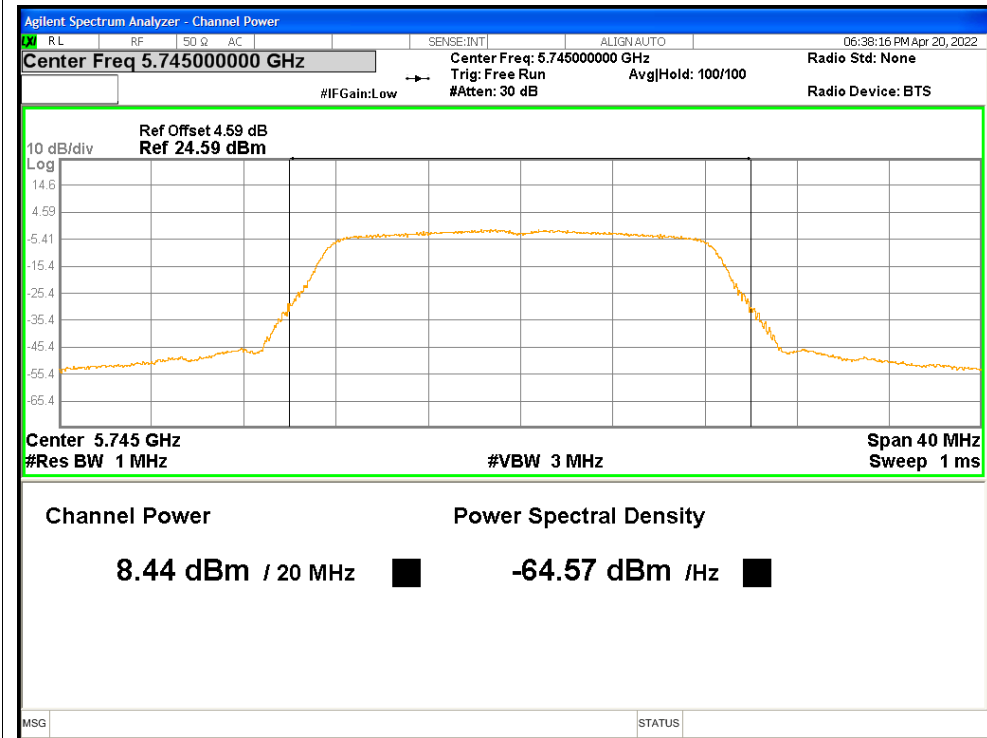
Average Power NVNT ax80 5775MHz



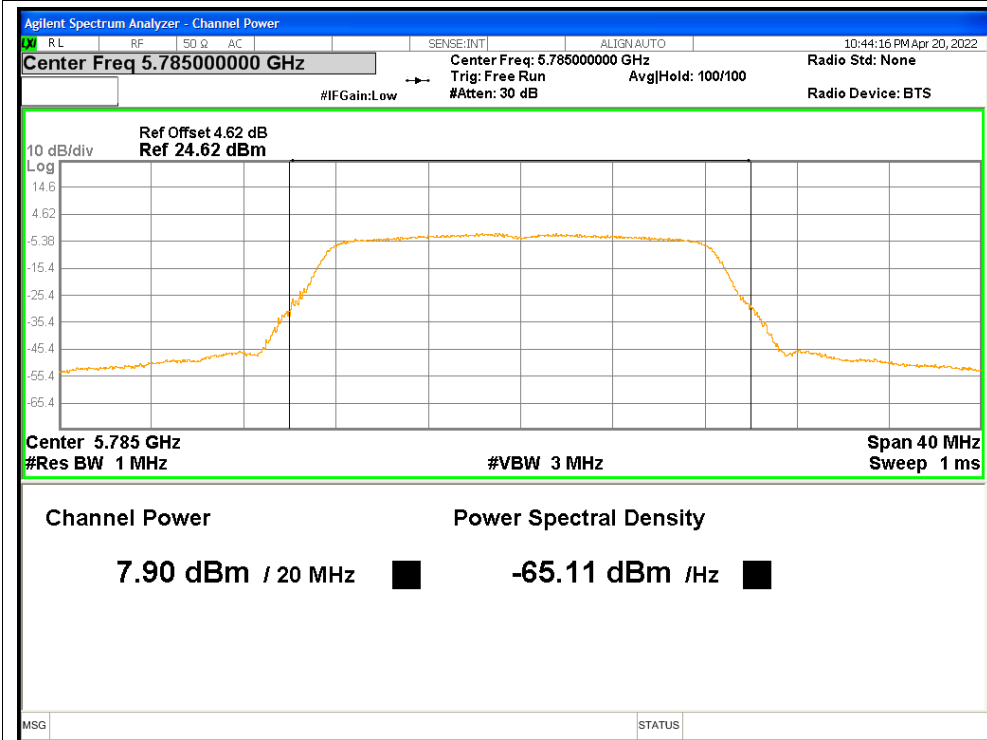
ANT B

Test Graphs

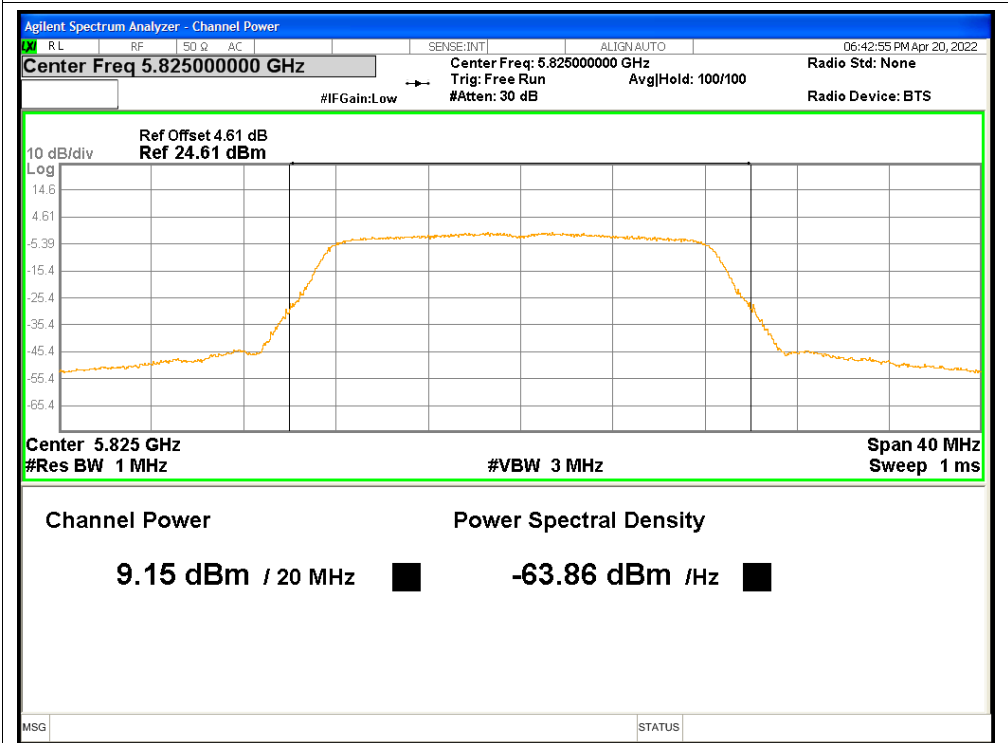
Average Power NVNT a 5745MHz



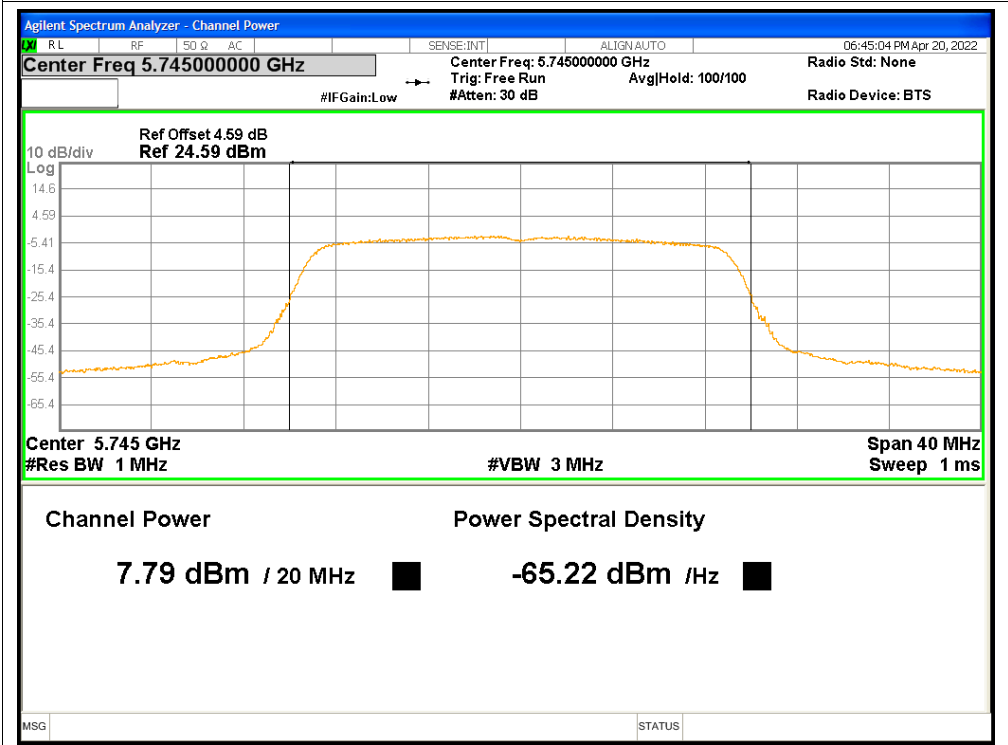
Average Power NVNT a 5785MHz



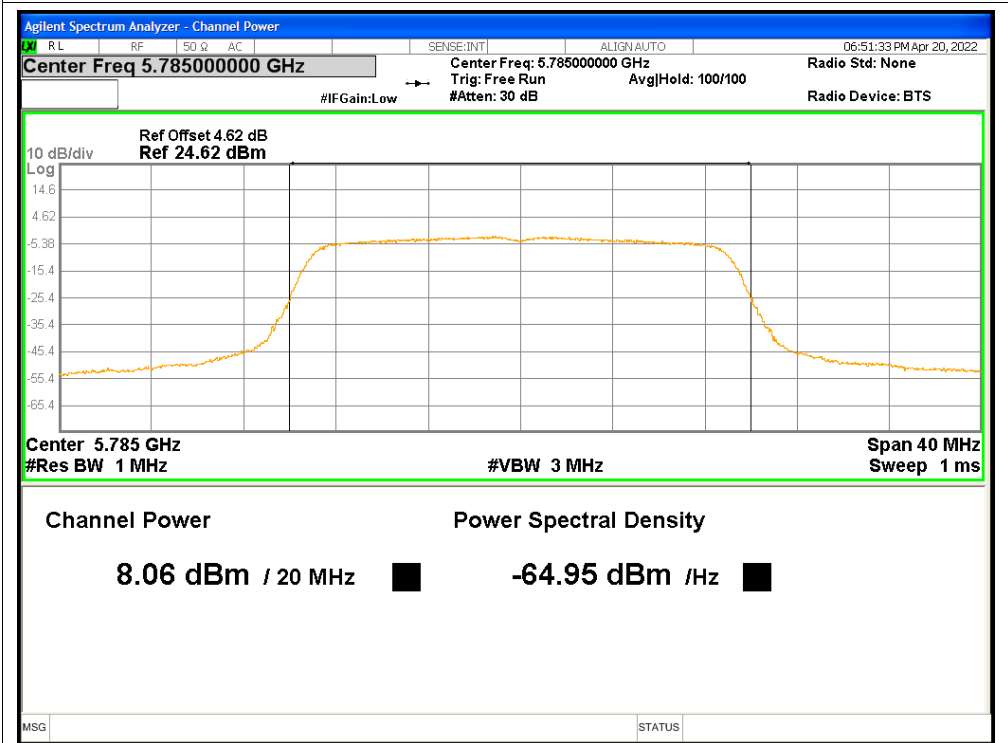
Average Power NVNT a 5825MHz



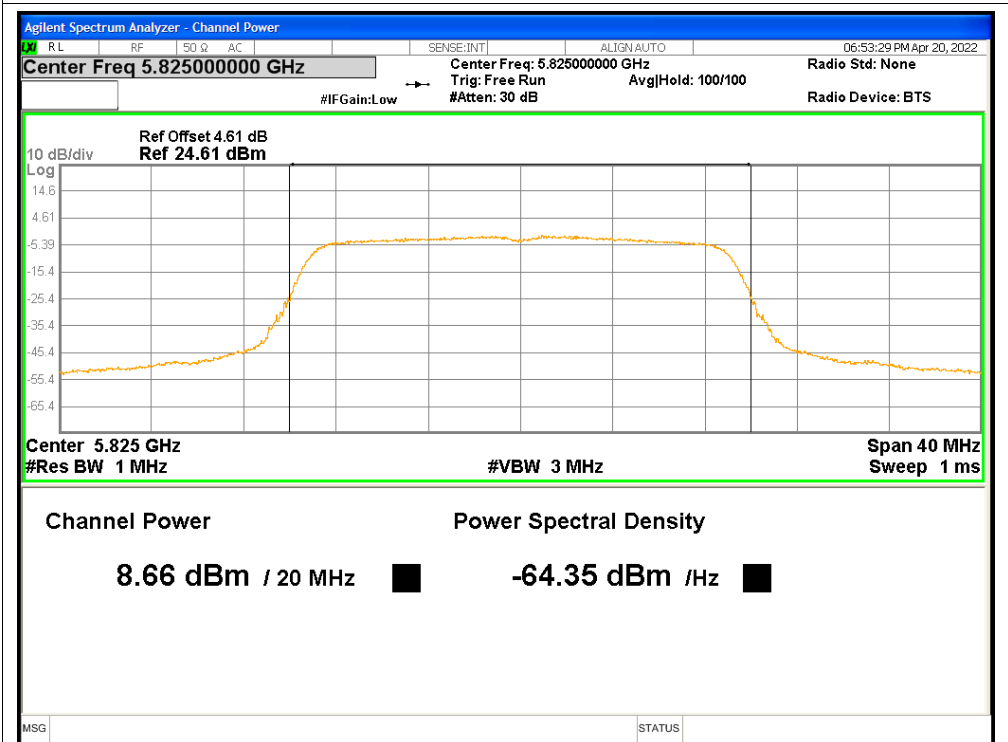
Average Power NVNT n20 5745MHz



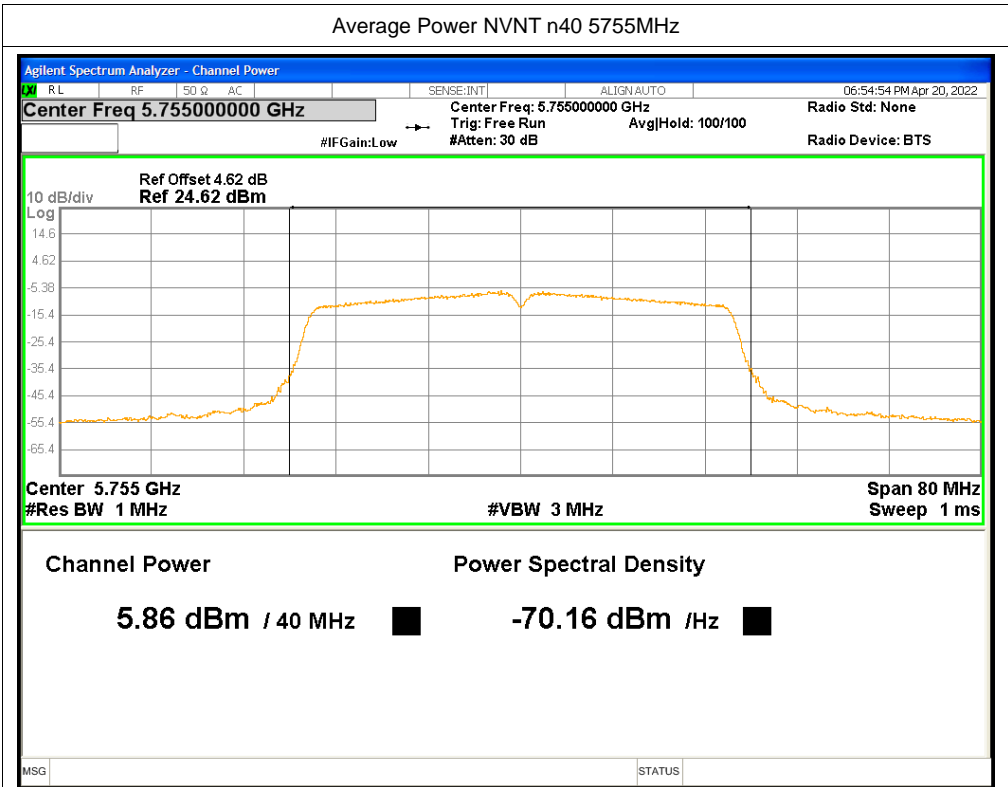
Average Power NVNT n20 5785MHz



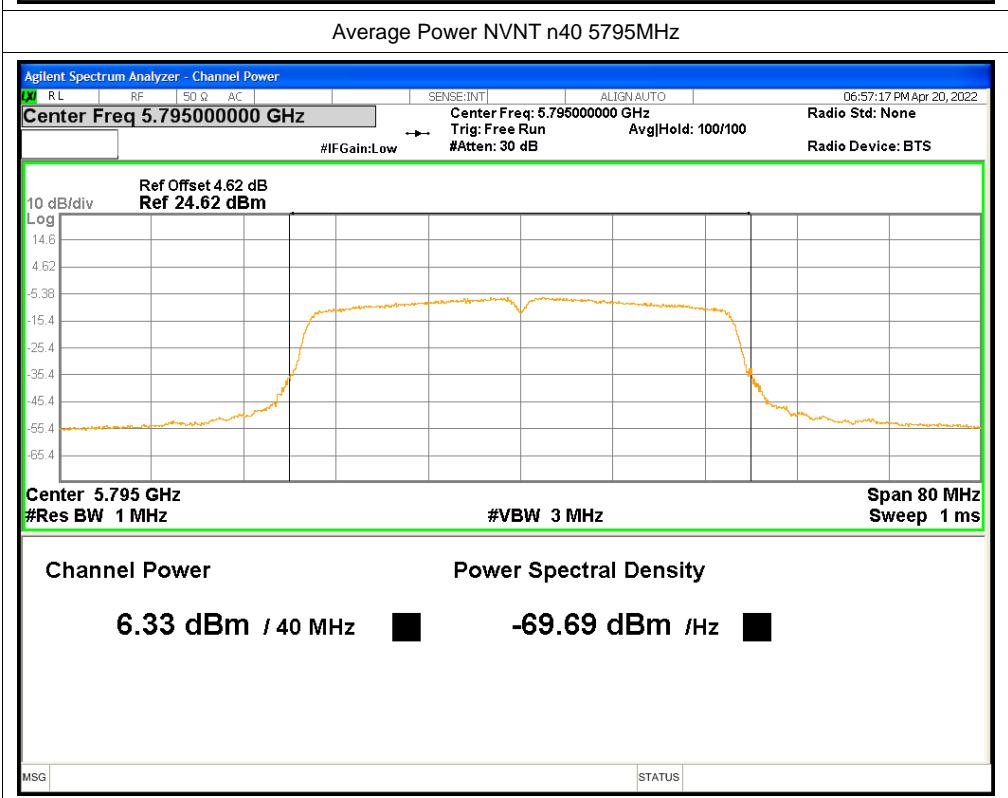
Average Power NVNT n20 5825MHz



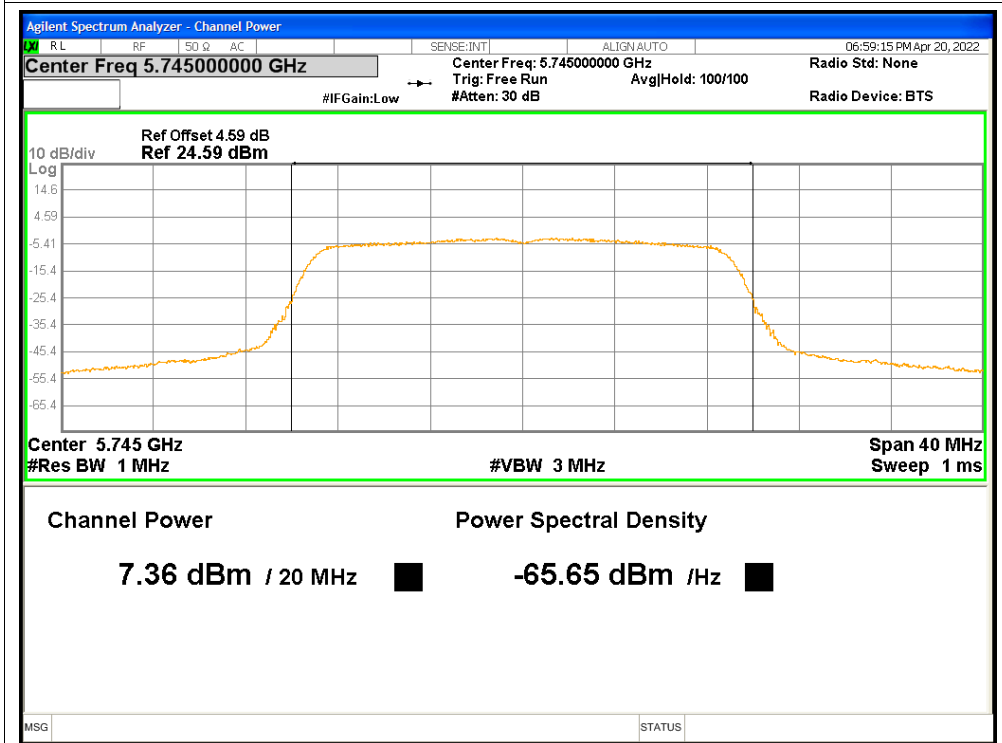
Average Power NVNT n40 5755MHz



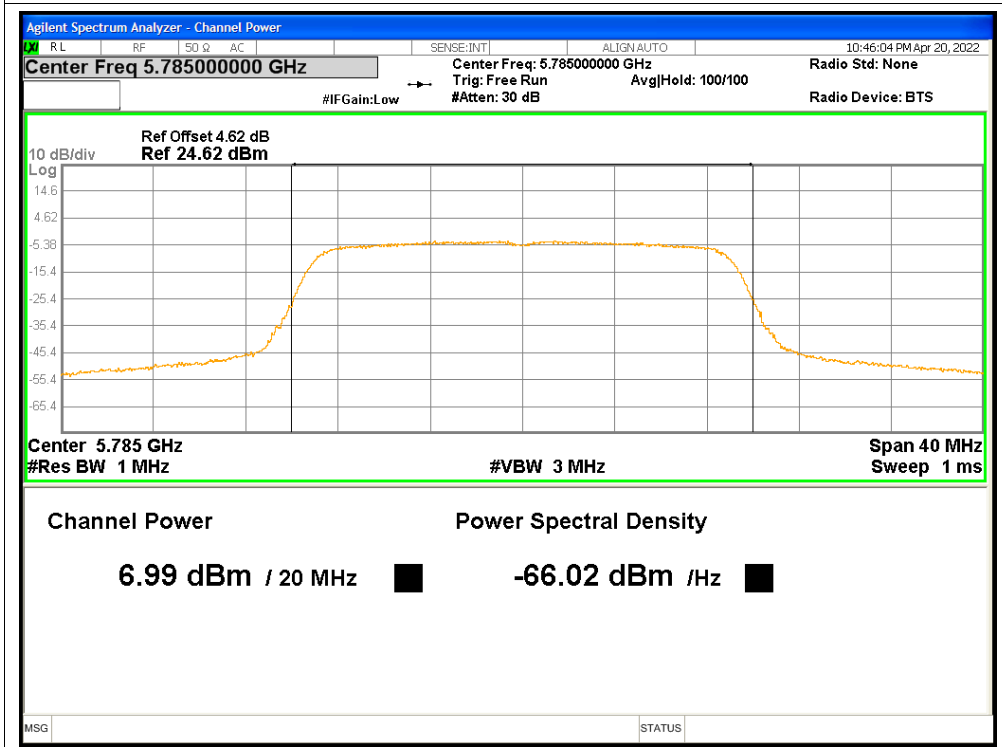
Average Power NVNT n40 5795MHz



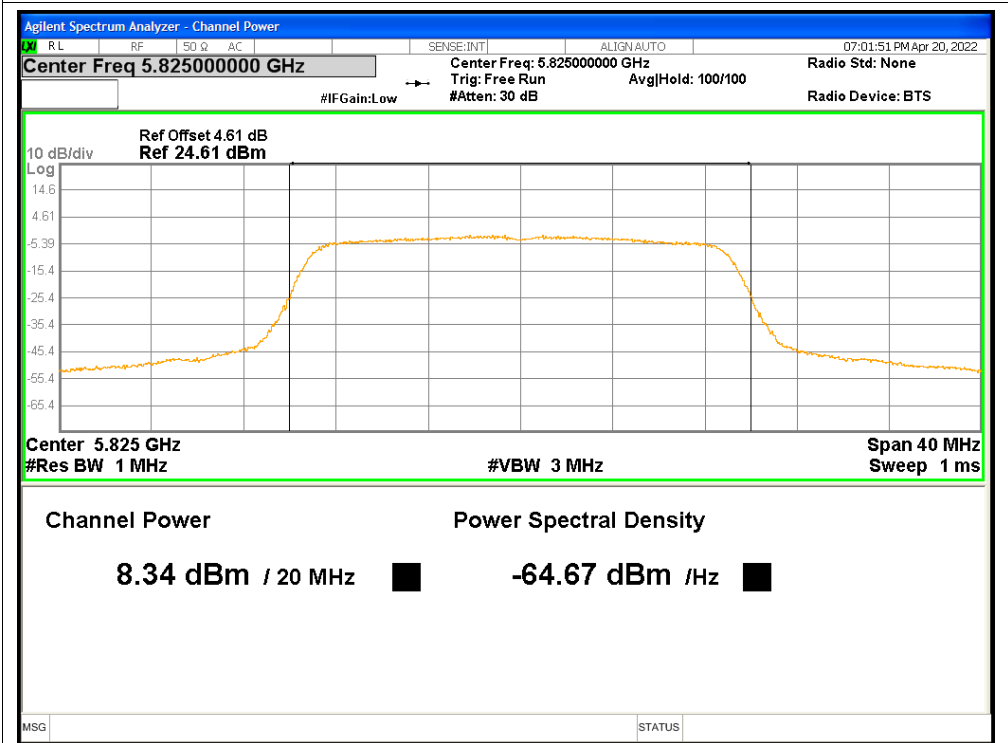
Average Power NVNT ac20 5745MHz



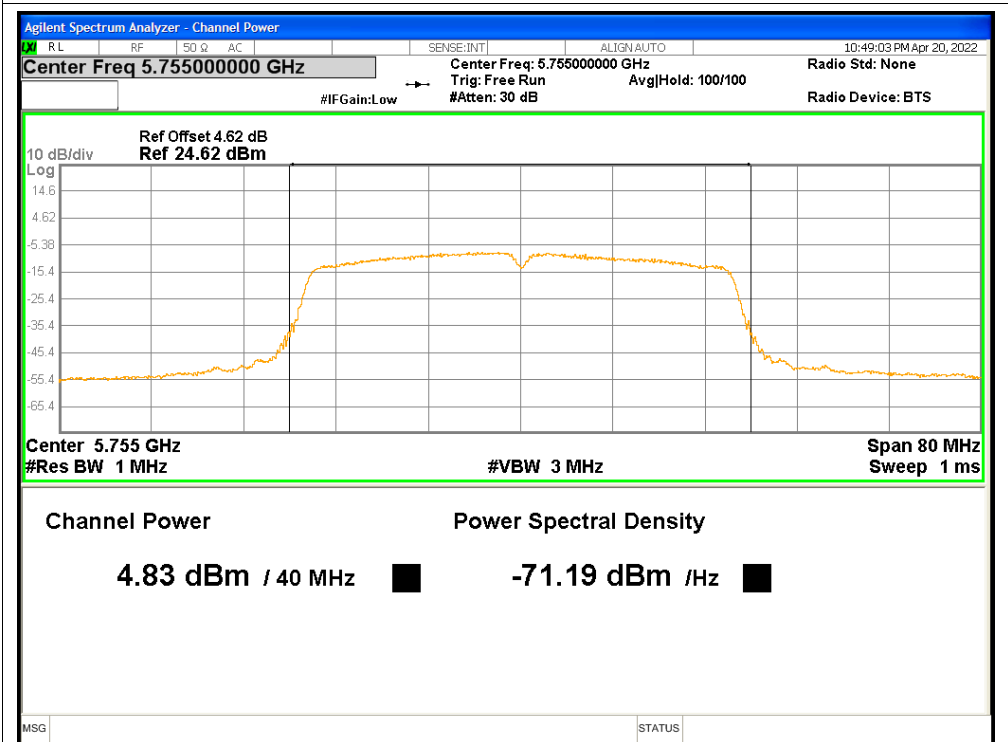
Average Power NVNT ac20 5785MHz



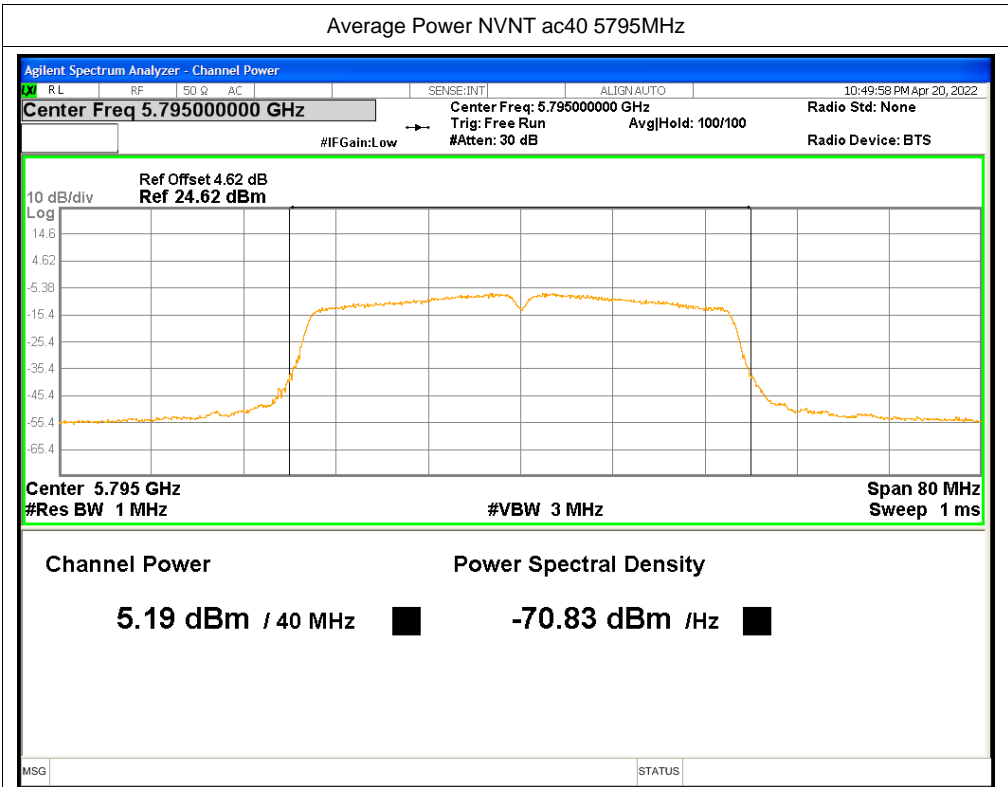
Average Power NVNT ac20 5825MHz



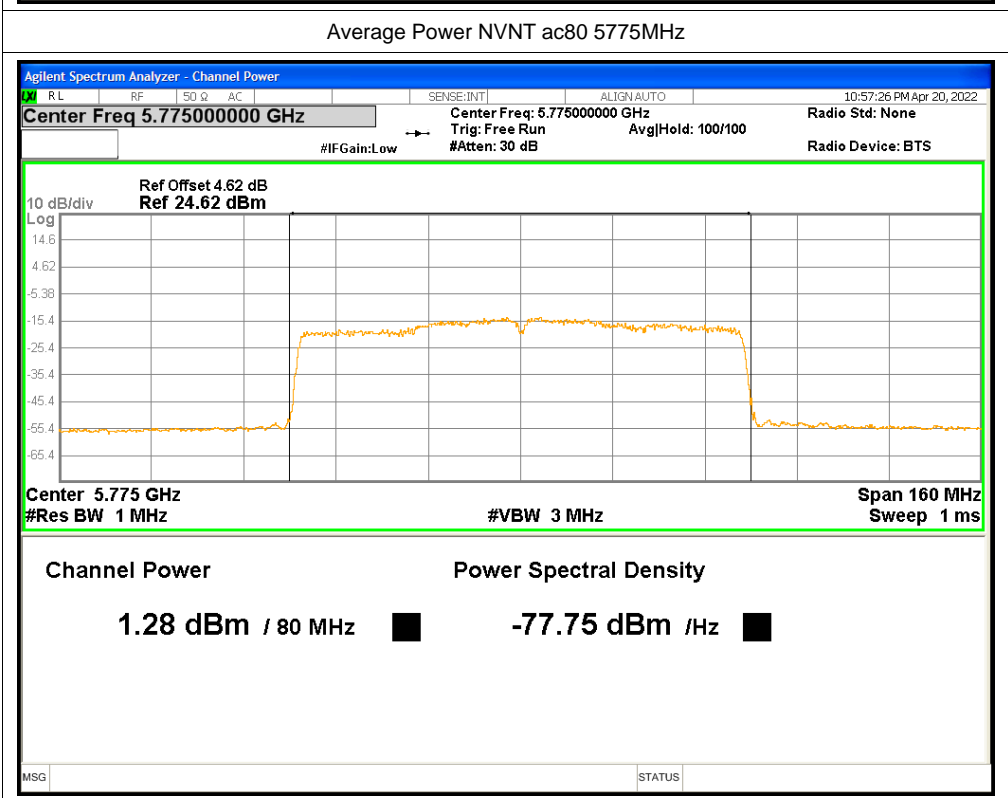
Average Power NVNT ac40 5755MHz



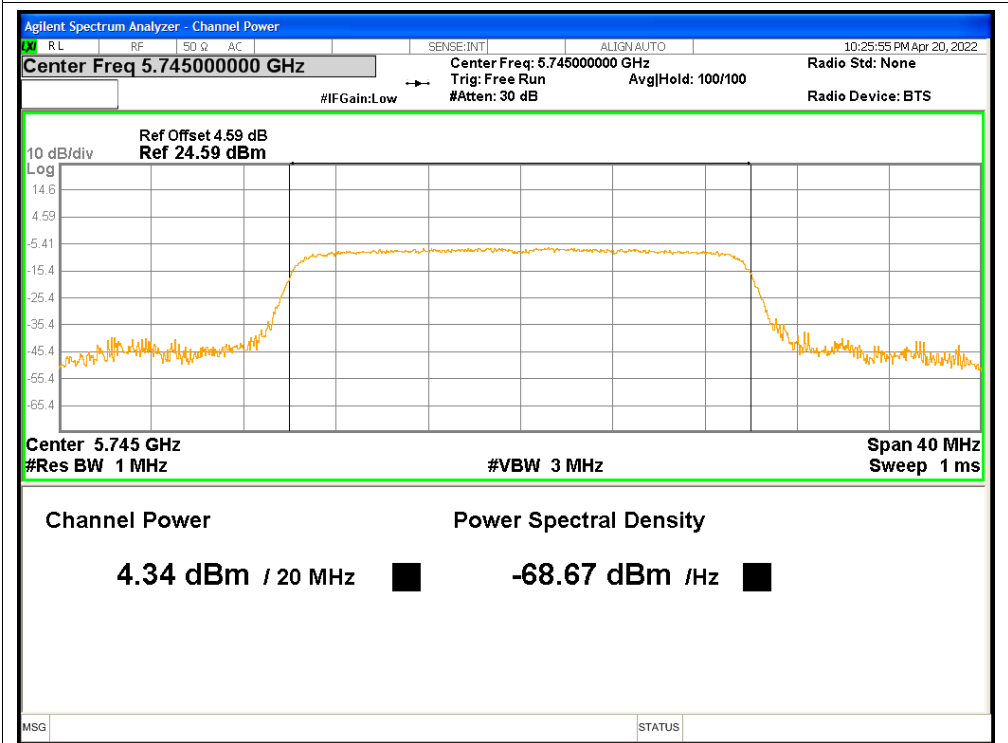
Average Power NVNT ac40 5795MHz



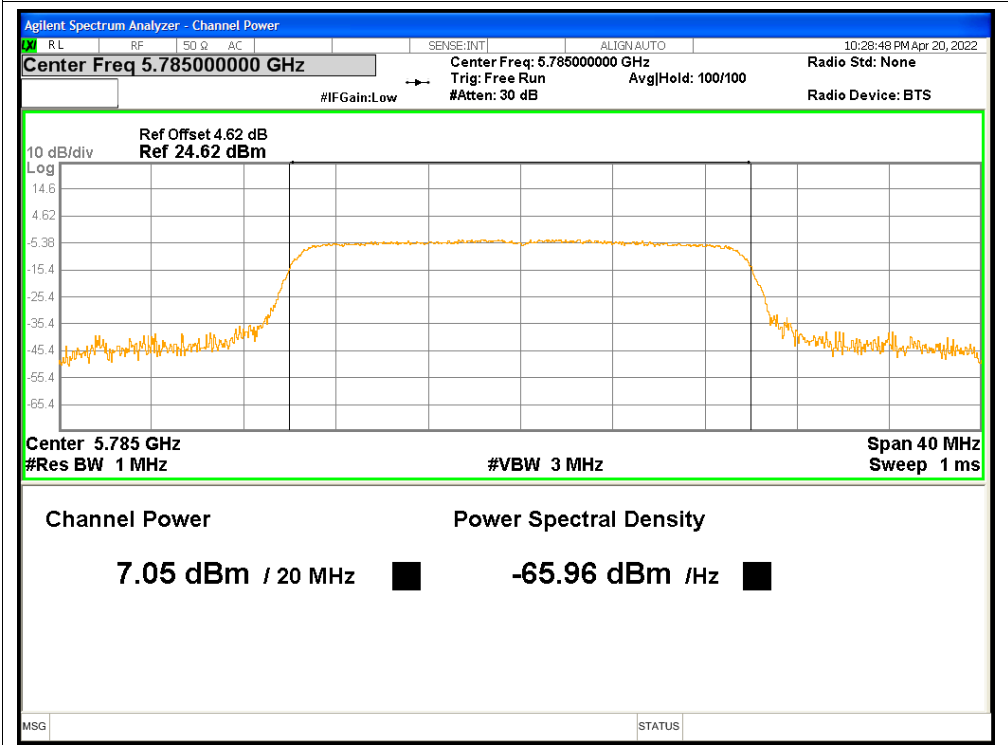
Average Power NVNT ac80 5775MHz



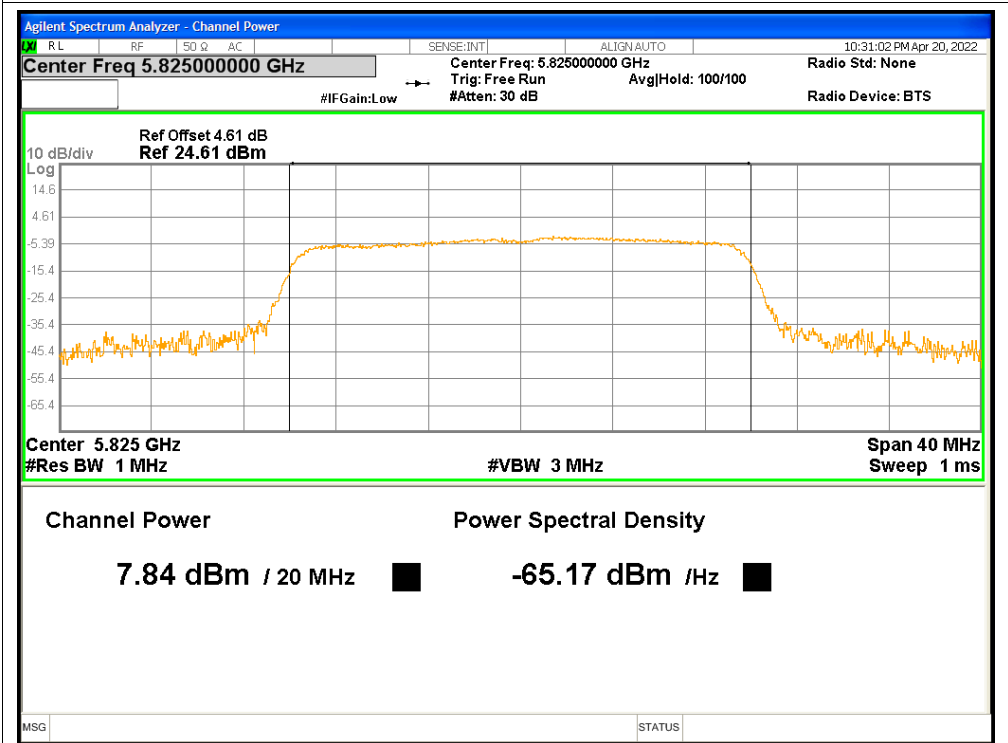
Average Power NVNT ax20 5745MHz



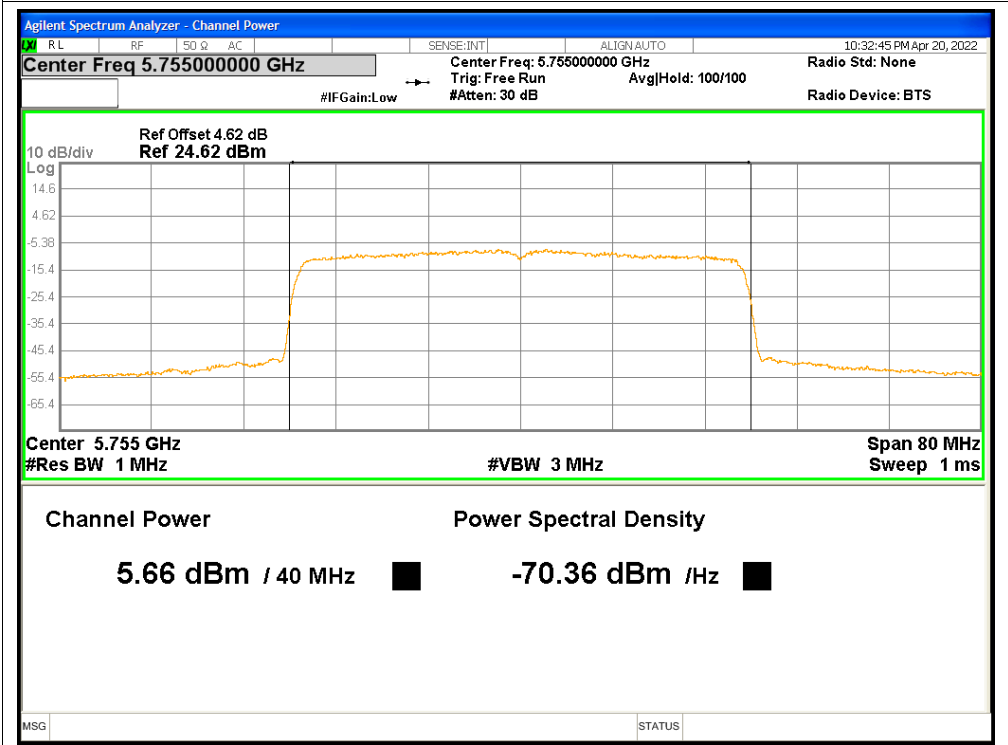
Average Power NVNT ax20 5785MHz



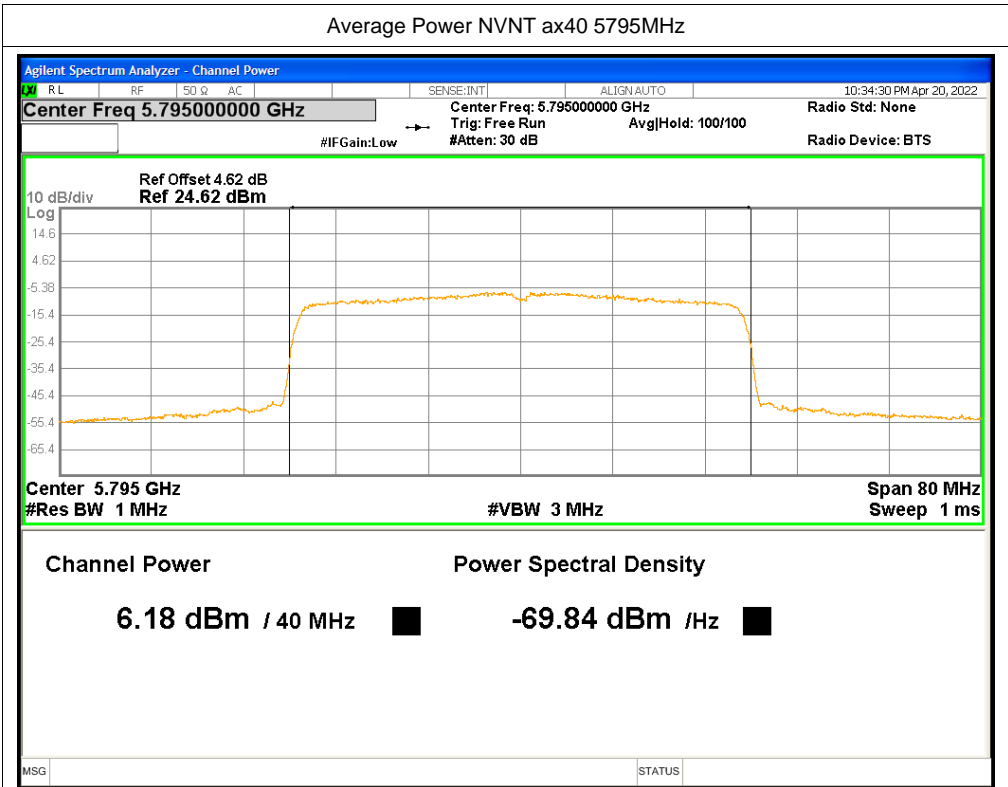
Average Power NVNT ax20 5825MHz



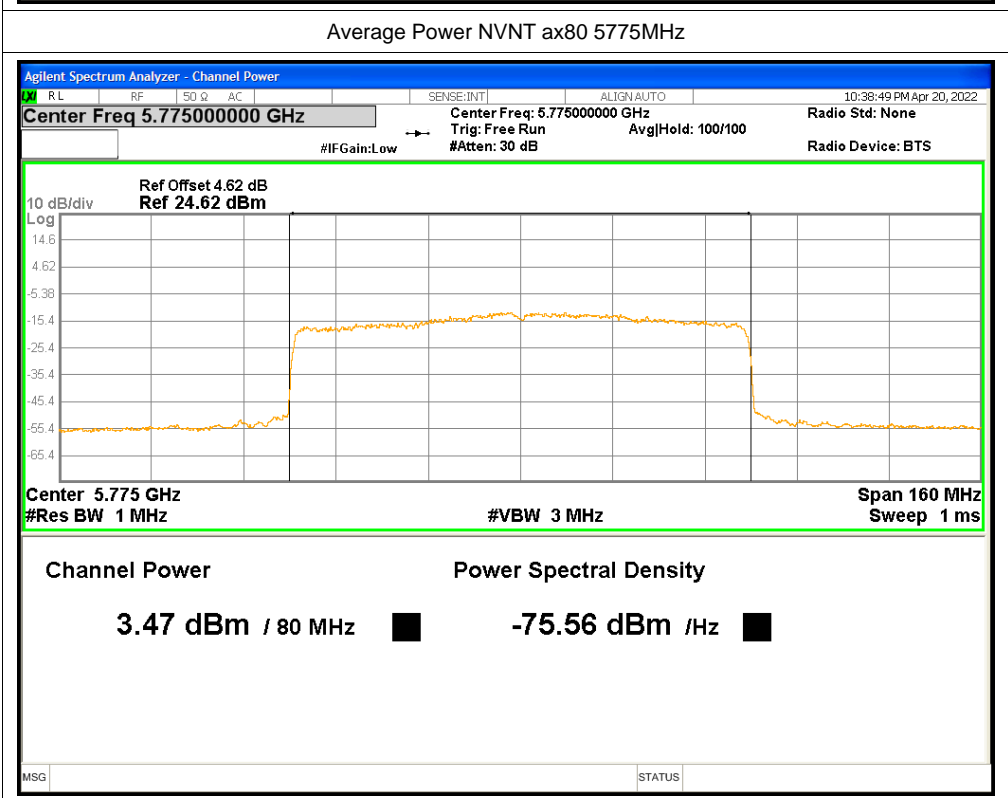
Average Power NVNT ax40 5755MHz



Average Power NVNT ax40 5795MHz



Average Power NVNT ax80 5775MHz

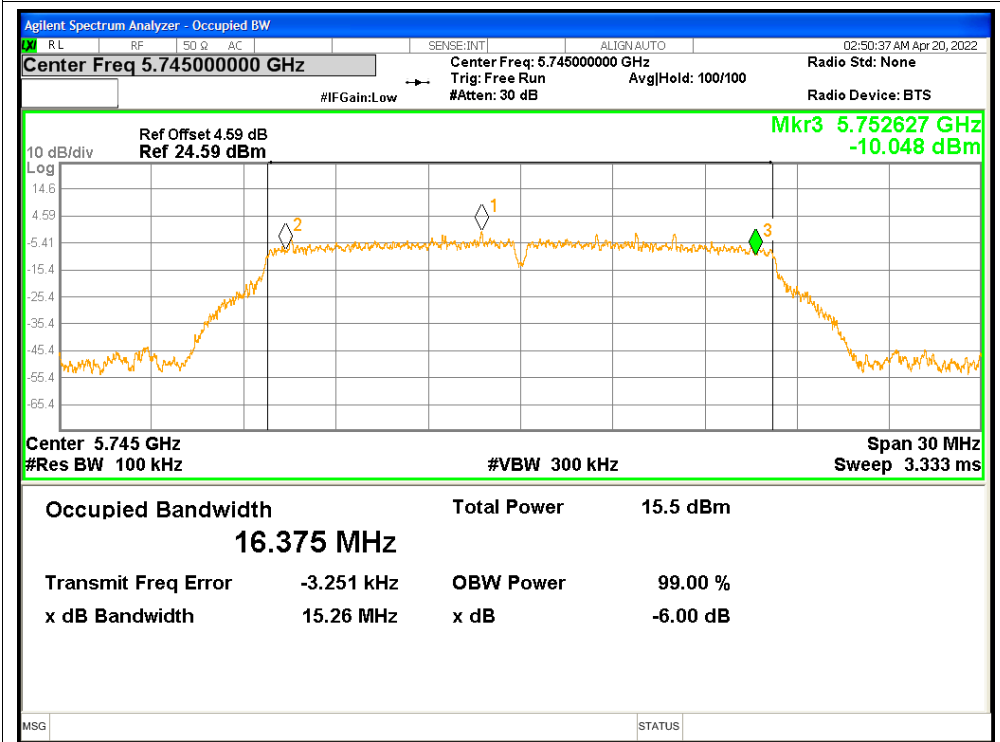


-6dB Bandwidth

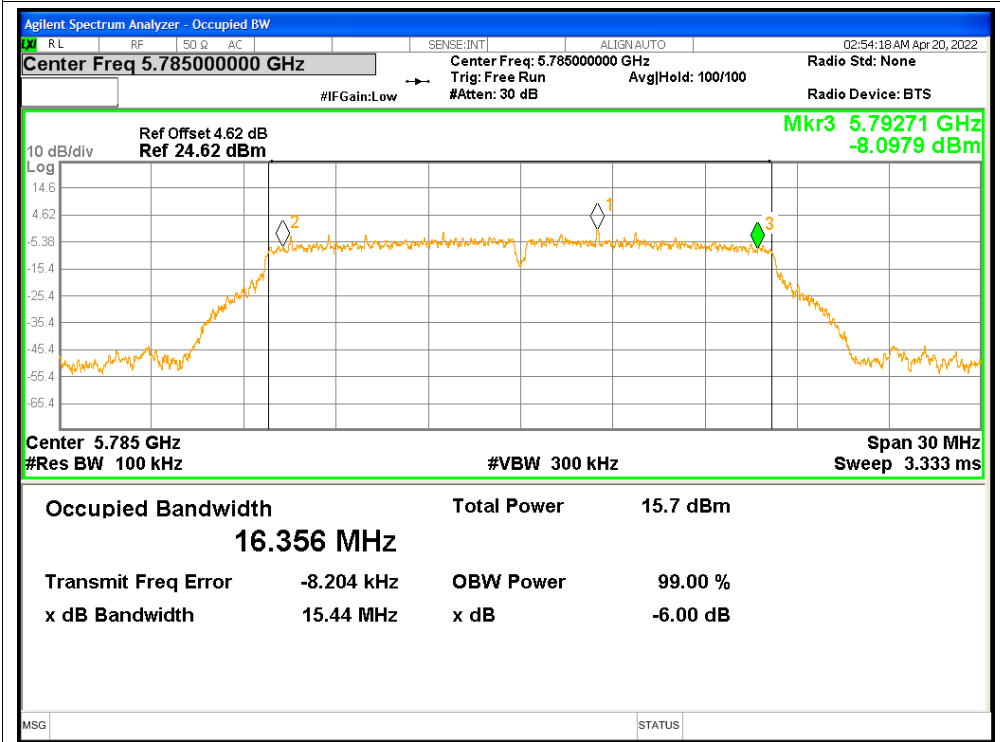
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	15.26	0.5	Pass
NVNT	a	5785	15.437	0.5	Pass
NVNT	a	5825	15.474	0.5	Pass
NVNT	n20	5745	17.163	0.5	Pass
NVNT	n20	5785	15.065	0.5	Pass
NVNT	n20	5825	17.307	0.5	Pass
NVNT	n40	5755	35.013	0.5	Pass
NVNT	n40	5795	32.595	0.5	Pass
NVNT	ac20	5745	14.823	0.5	Pass
NVNT	ac20	5785	16.525	0.5	Pass
NVNT	ac20	5825	15.652	0.5	Pass
NVNT	ac40	5755	32.631	0.5	Pass
NVNT	ac40	5795	35.085	0.5	Pass
NVNT	ac80	5775	75.067	0.5	Pass
NVNT	ax20	5745	18.902	0.5	Pass
NVNT	ax20	5785	18.157	0.5	Pass
NVNT	ax20	5825	18.448	0.5	Pass
NVNT	ax40	5755	35.057	0.5	Pass
NVNT	ax40	5795	35.982	0.5	Pass
NVNT	ax80	5775	75.101	0.5	Pass

Test Graphs

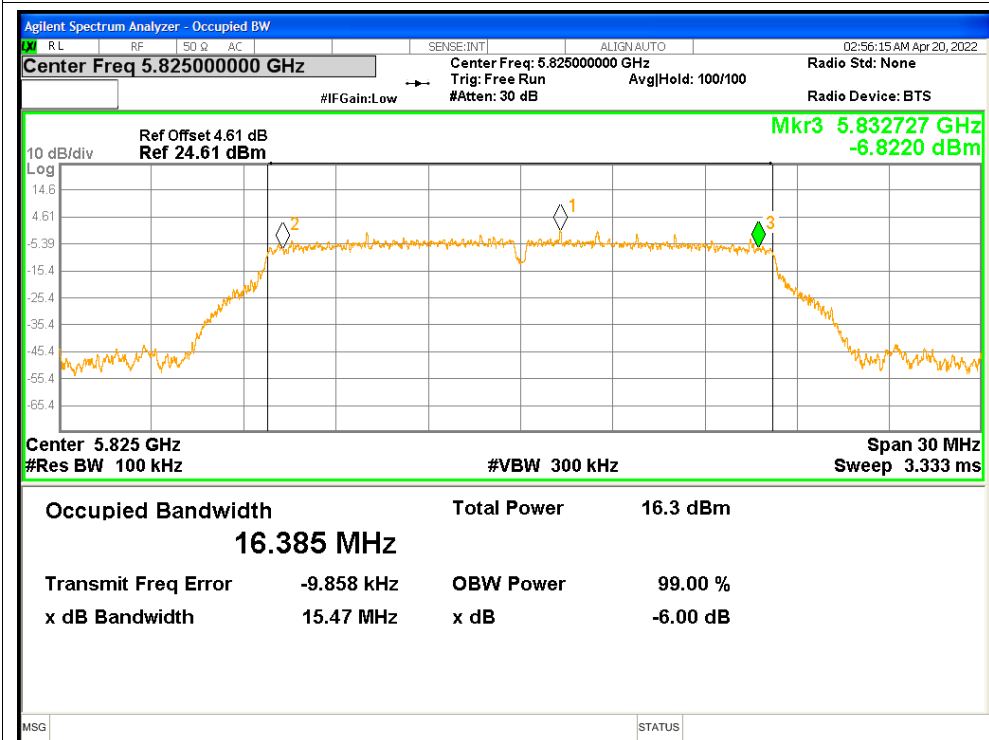
-6dB Bandwidth NVNT a 5745MHz



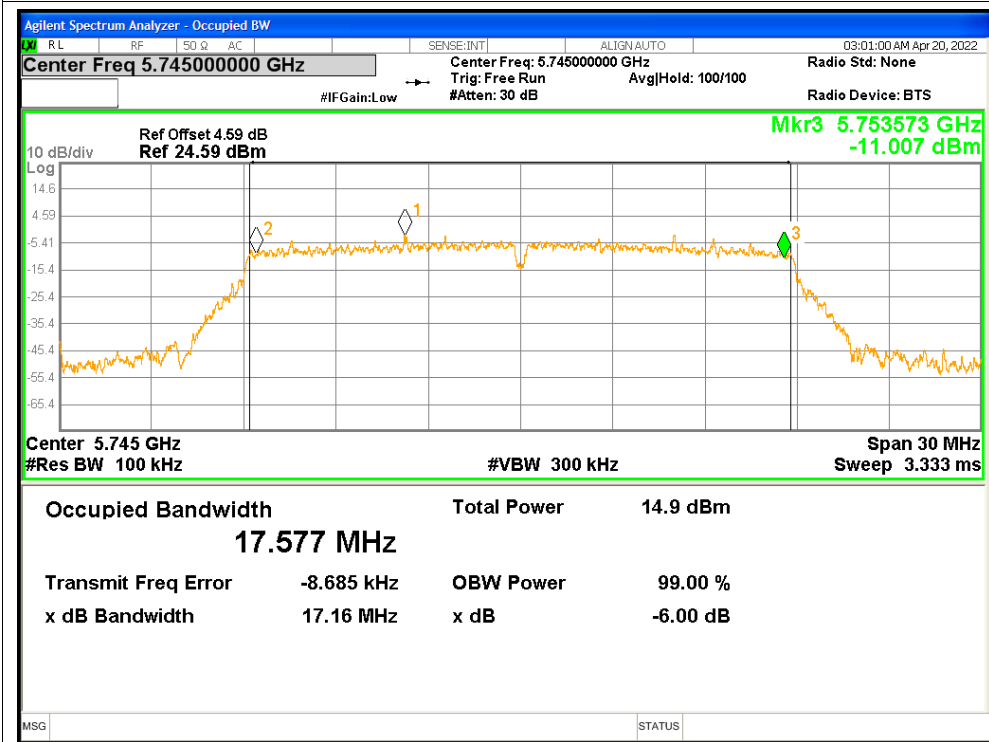
-6dB Bandwidth NVNT a 5785MHz



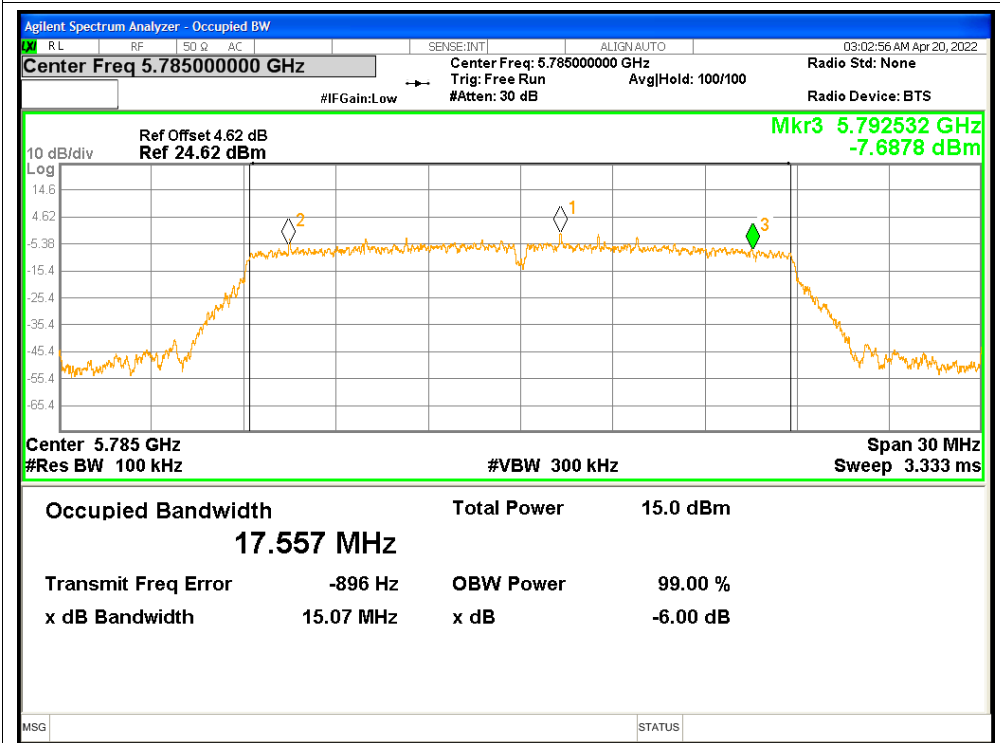
-6dB Bandwidth NVNT a 5825MHz



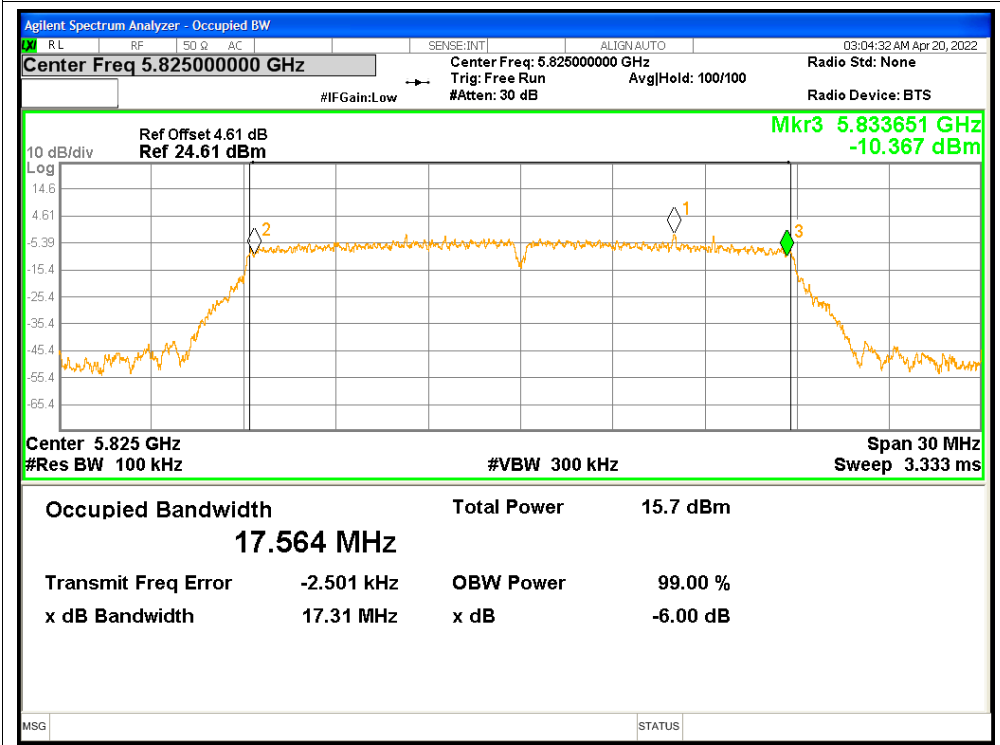
-6dB Bandwidth NVNT n20 5745MHz



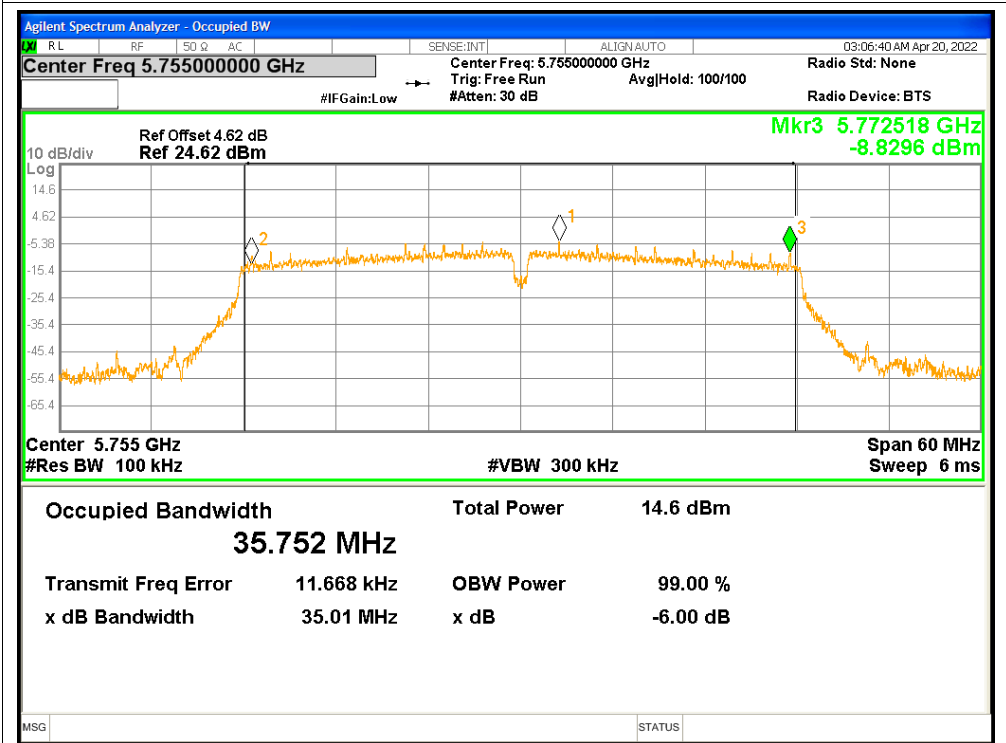
-6dB Bandwidth NVNT n20 5785MHz



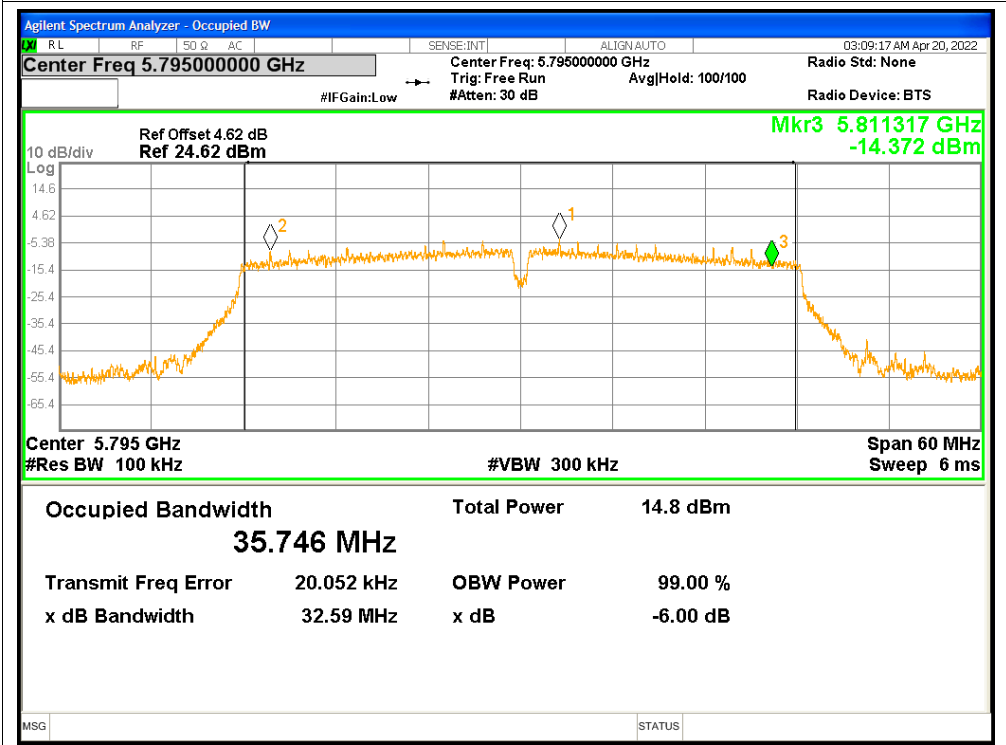
-6dB Bandwidth NVNT n20 5825MHz



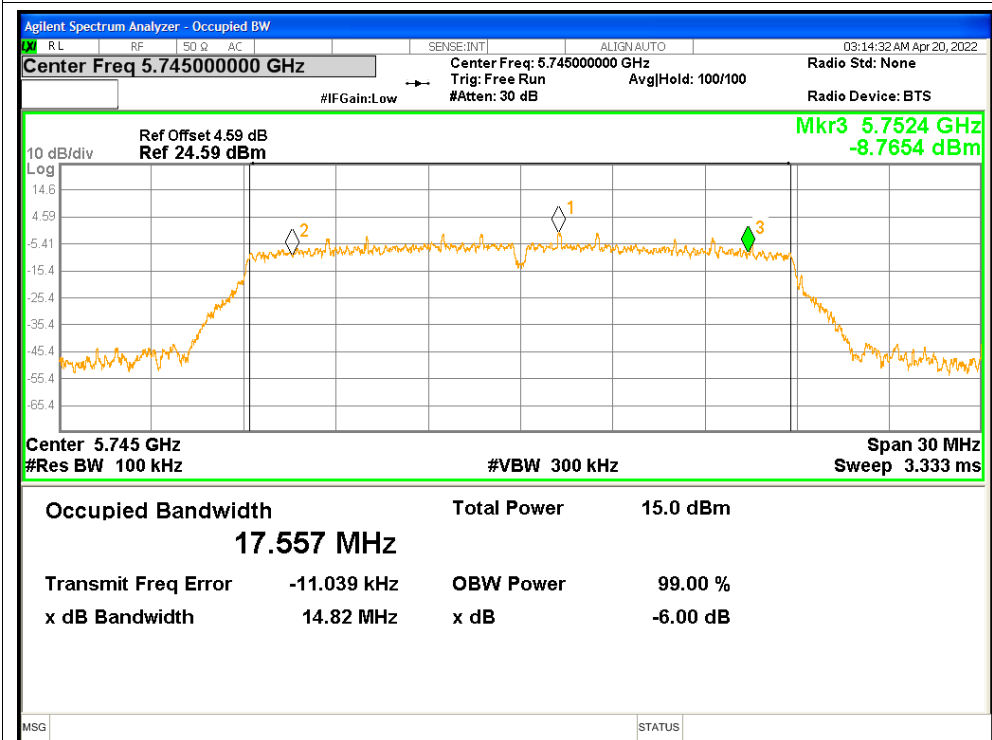
-6dB Bandwidth NVNT n40 5755MHz



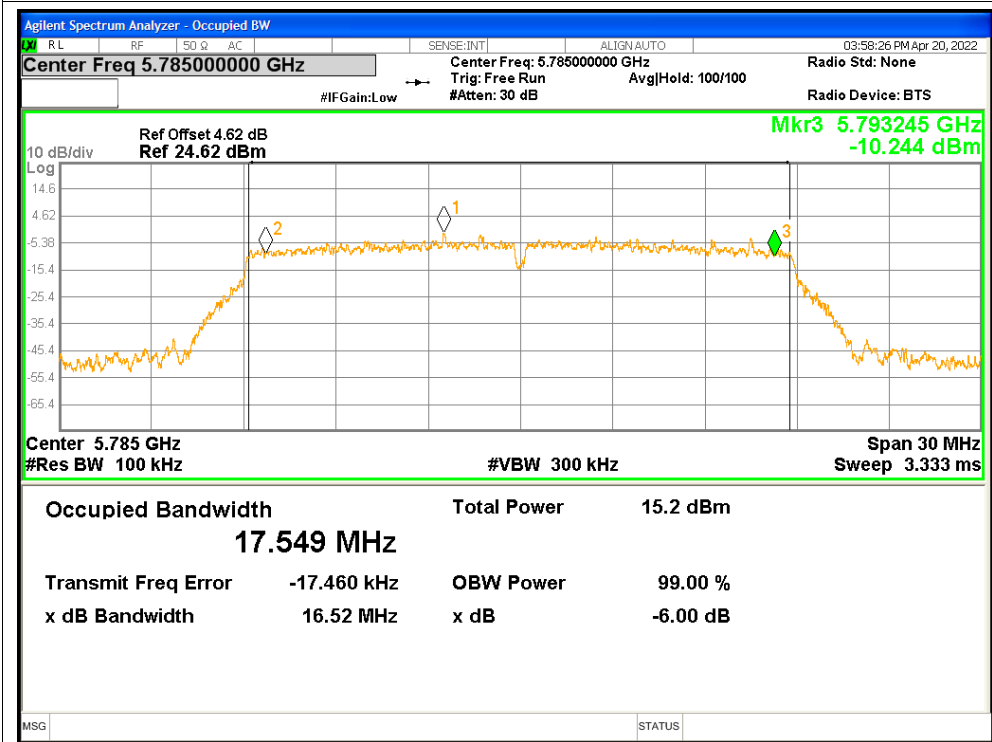
-6dB Bandwidth NVNT n40 5795MHz



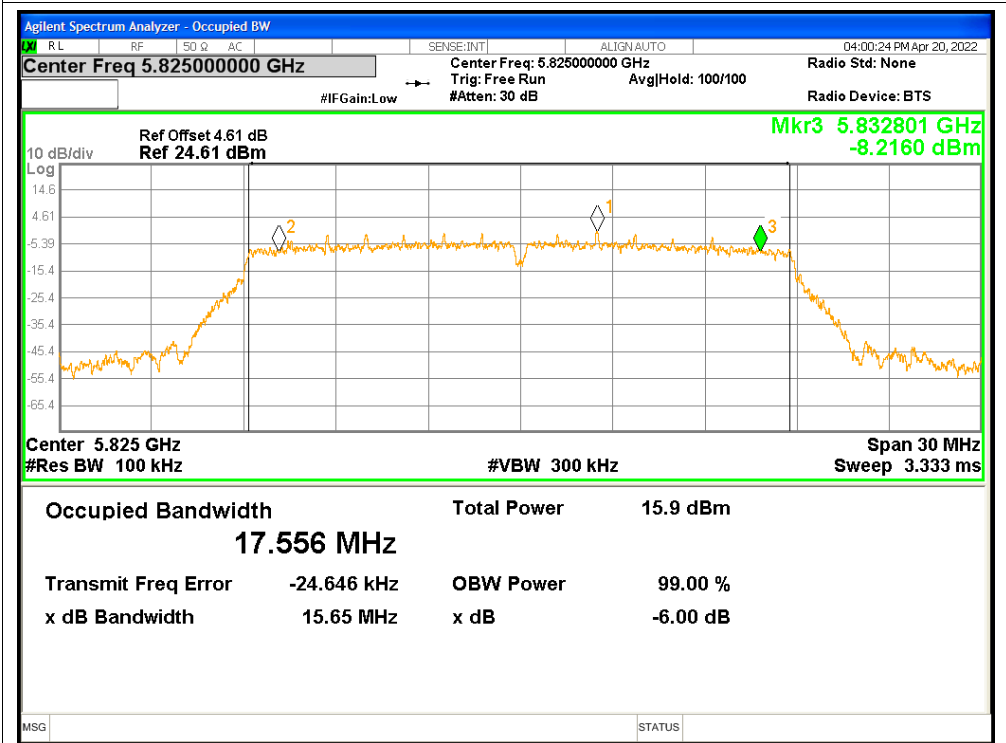
-6dB Bandwidth NVNT ac20 5745MHz



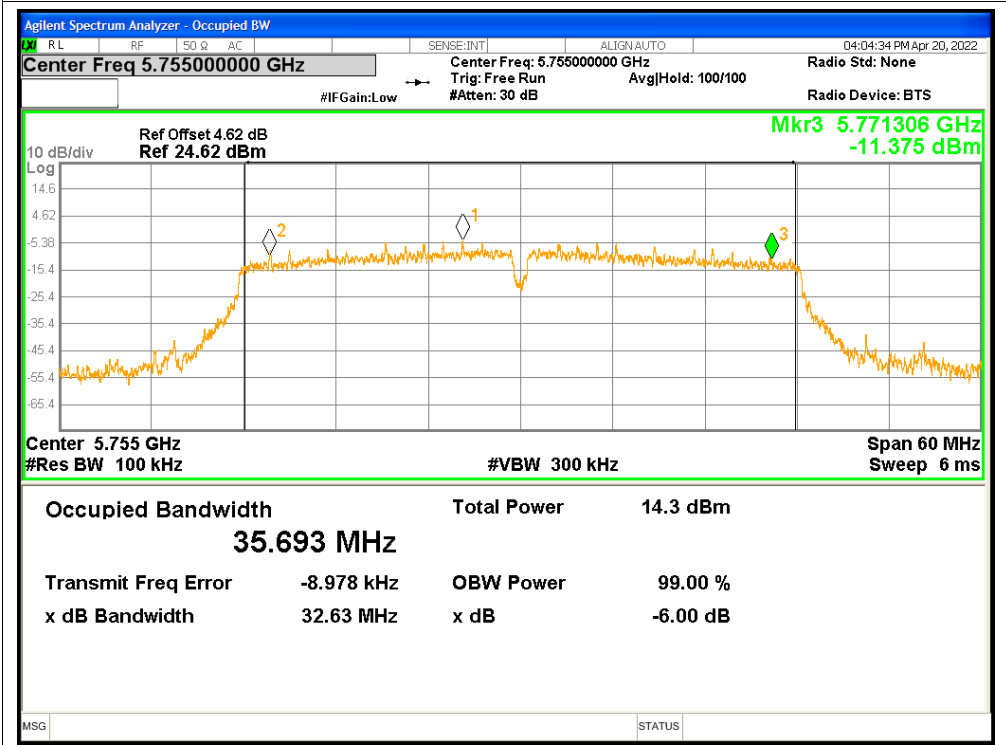
-6dB Bandwidth NVNT ac20 5785MHz



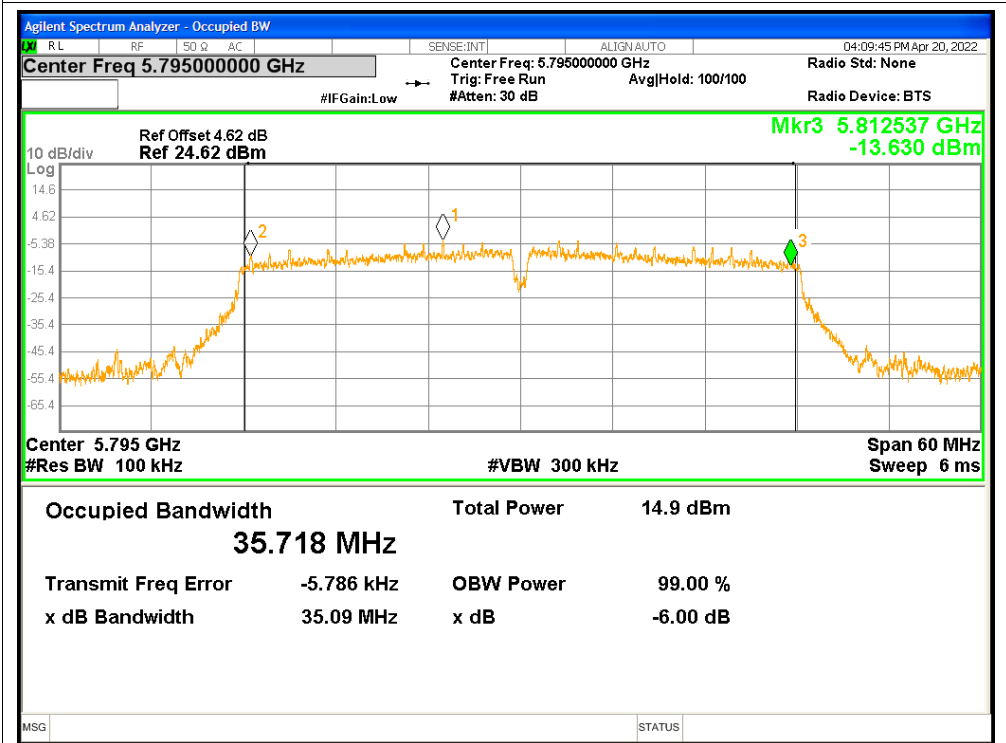
-6dB Bandwidth NVNT ac20 5825MHz



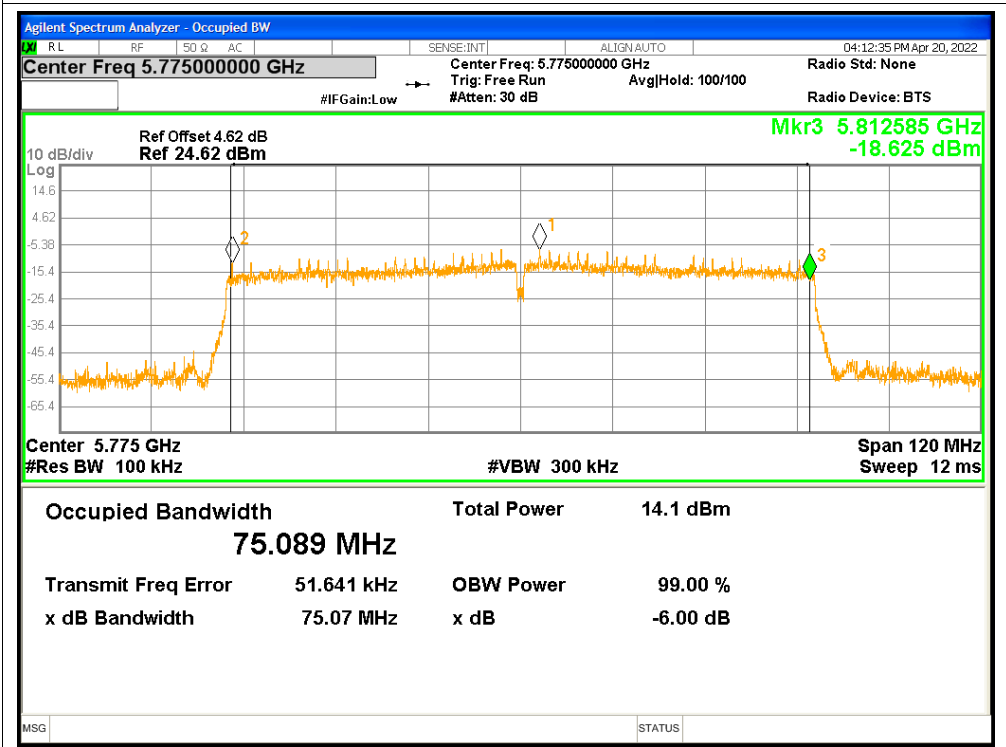
-6dB Bandwidth NVNT ac40 5755MHz



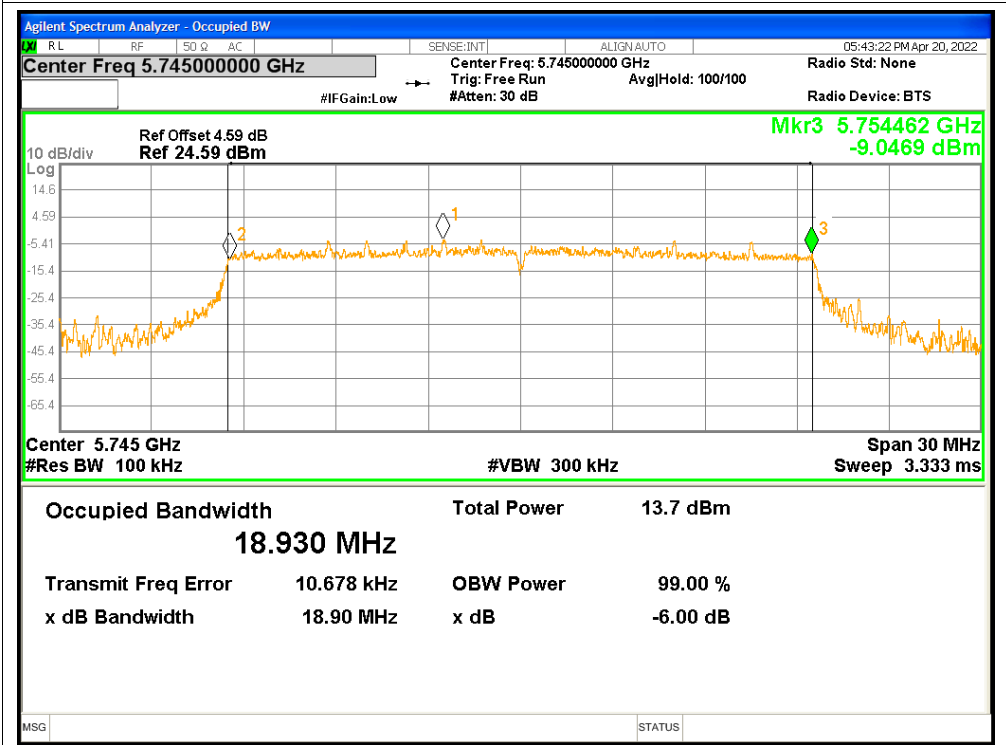
-6dB Bandwidth NVNT ac40 5795MHz



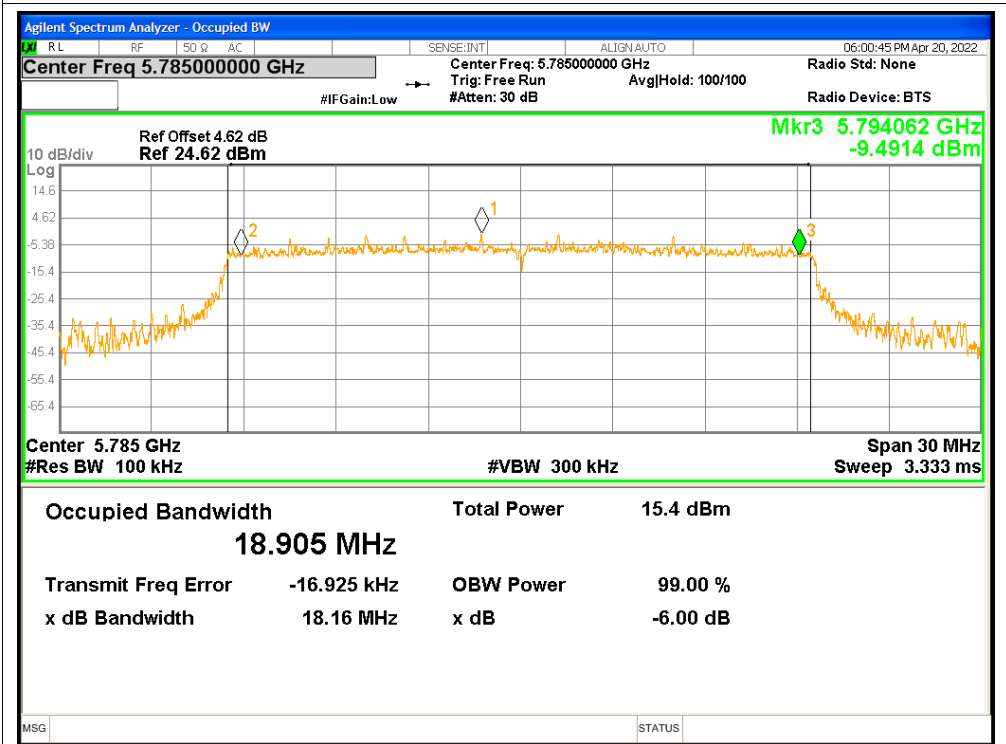
-6dB Bandwidth NVNT ac80 5775MHz



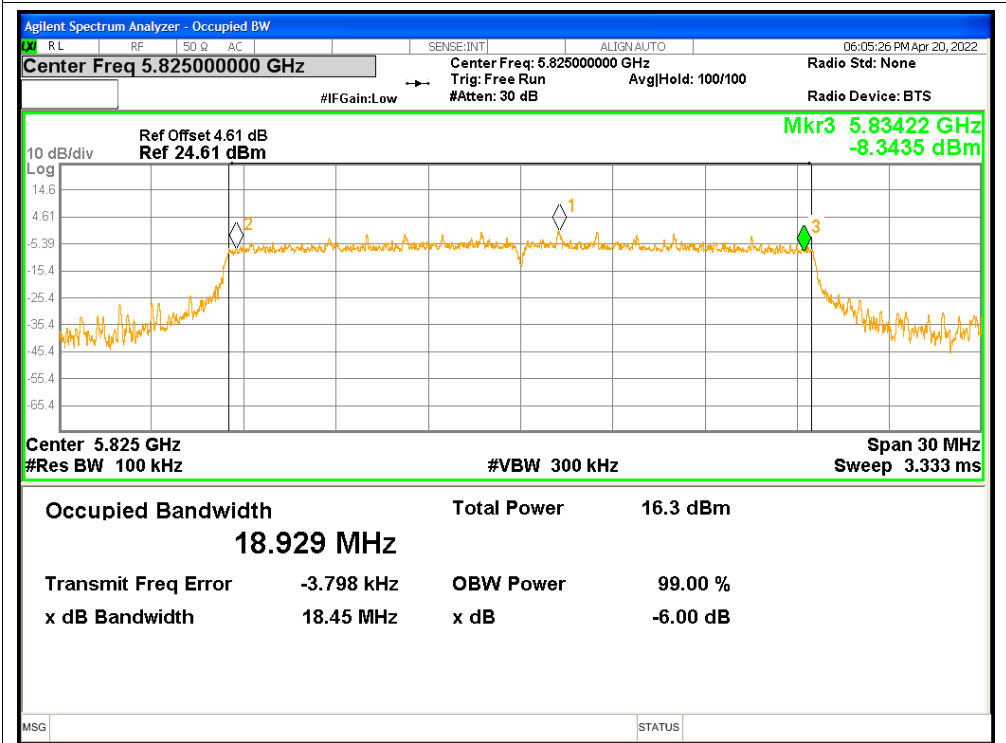
-6dB Bandwidth NVNT ax20 5745MHz



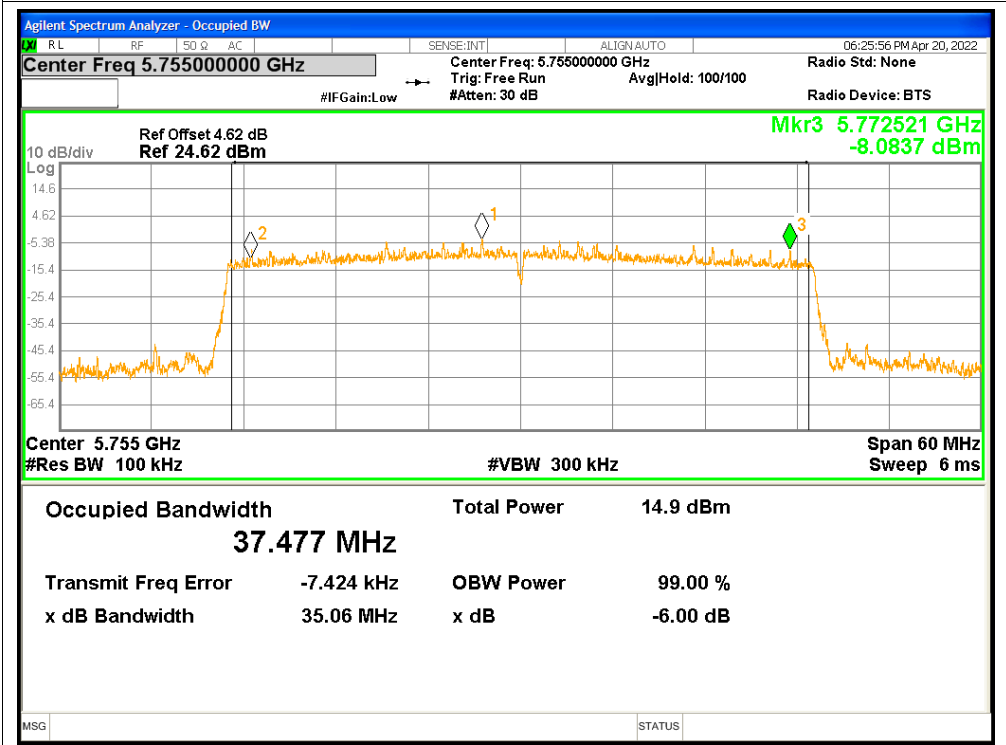
-6dB Bandwidth NVNT ax20 5785MHz



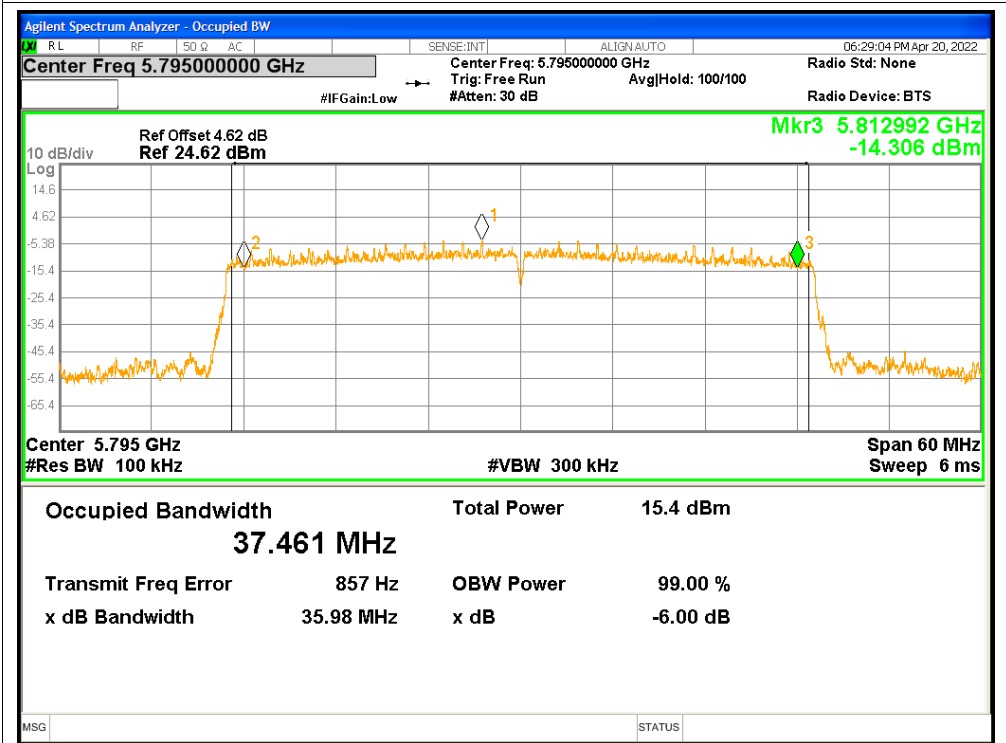
-6dB Bandwidth NVNT ax20 5825MHz



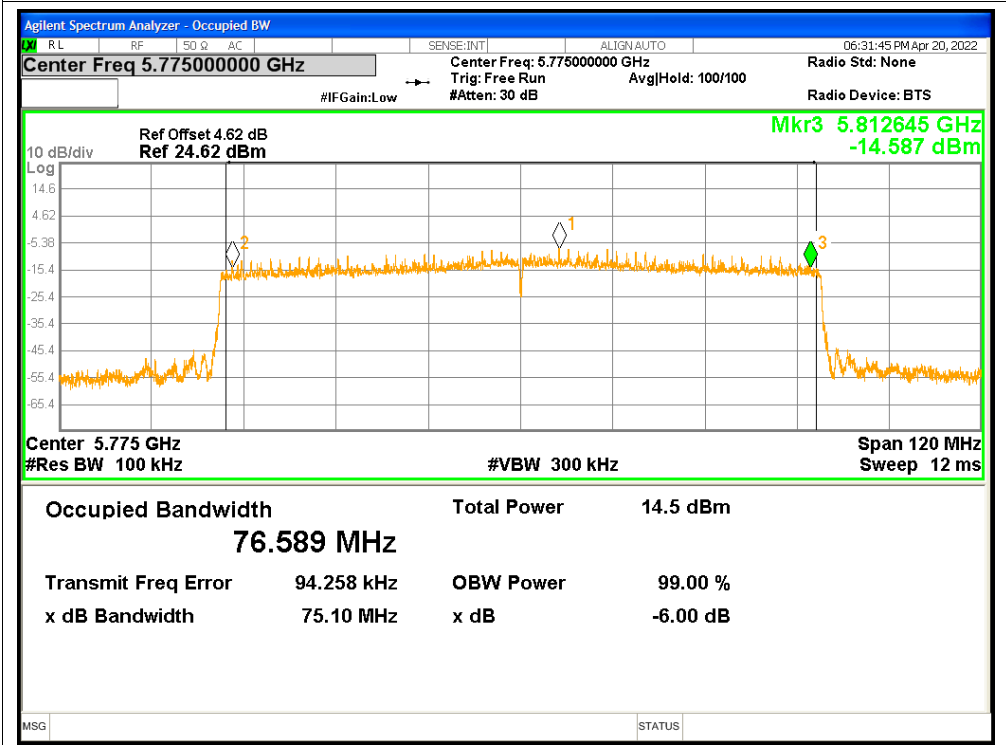
-6dB Bandwidth NVNT ax40 5755MHz



-6dB Bandwidth NVNT ax40 5795MHz



-6dB Bandwidth NVNT ax80 5775MHz

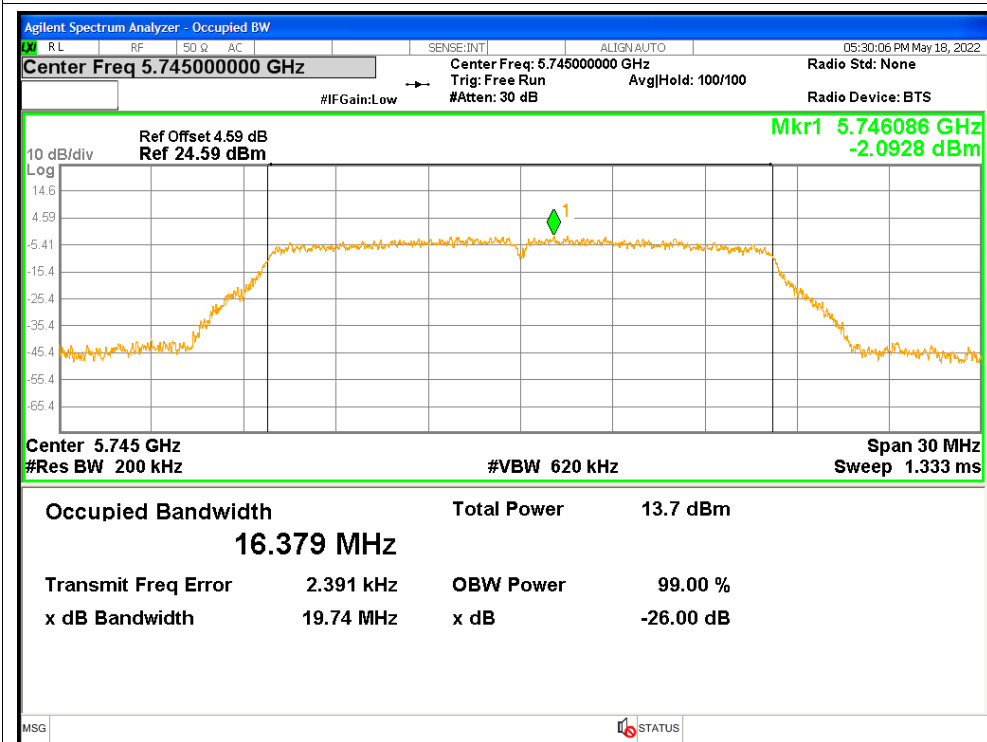


Occupied Channel Bandwidth

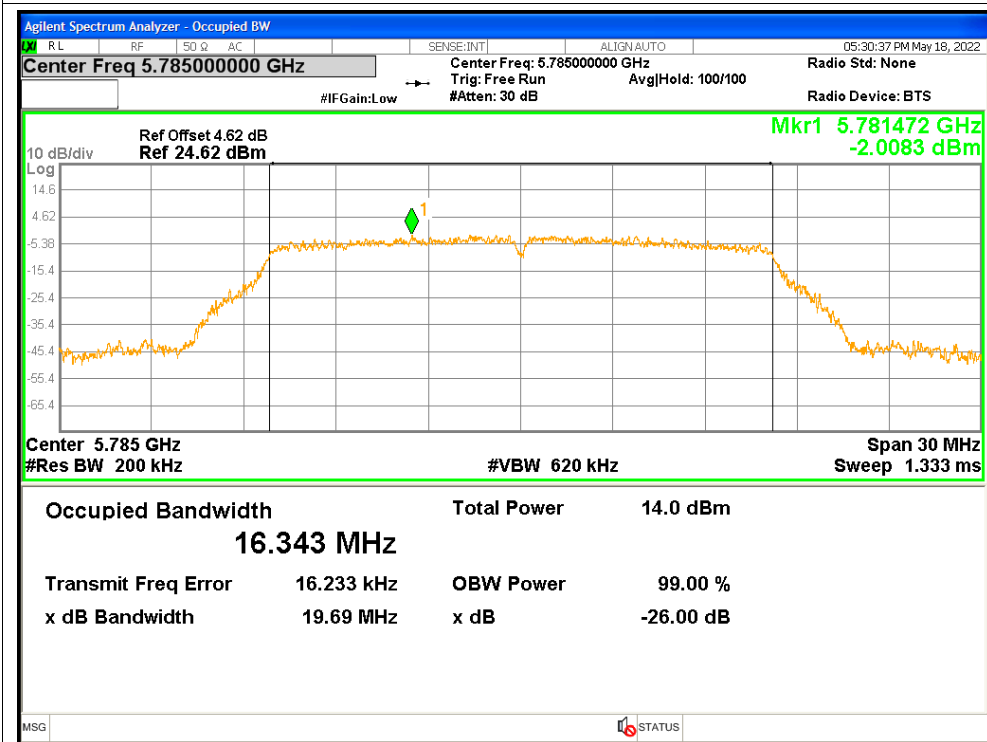
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.379
NVNT	a	5785	16.343
NVNT	a	5825	16.4
NVNT	n20	5745	17.541
NVNT	n20	5785	17.528
NVNT	n20	5825	17.563
NVNT	n40	5755	36.004
NVNT	n40	5795	35.979
NVNT	ac20	5745	17.539
NVNT	ac20	5785	17.516
NVNT	ac20	5825	17.565
NVNT	ac40	5755	35.974
NVNT	ac40	5795	35.994
NVNT	ac80	5775	75.246
NVNT	ax20	5745	17.53
NVNT	ax20	5785	17.517
NVNT	ax20	5825	17.567
NVNT	ax40	5755	35.917
NVNT	ax40	5795	35.994
NVNT	ax80	5775	75.287

Test Graphs

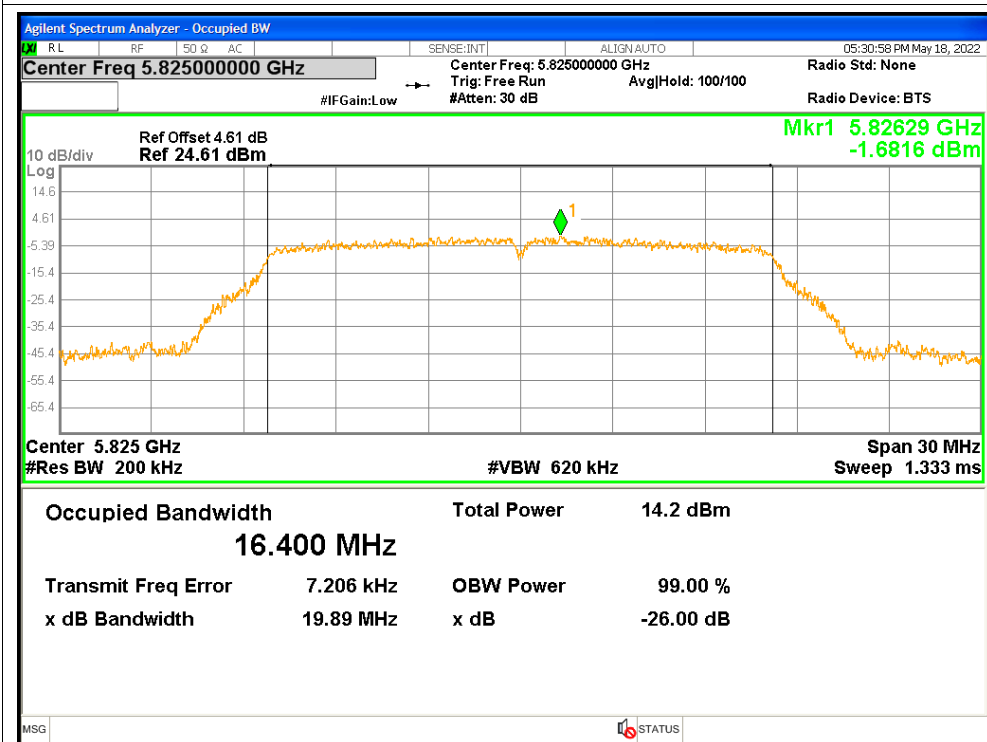
OBW NVNT a 5745MHz Ant1



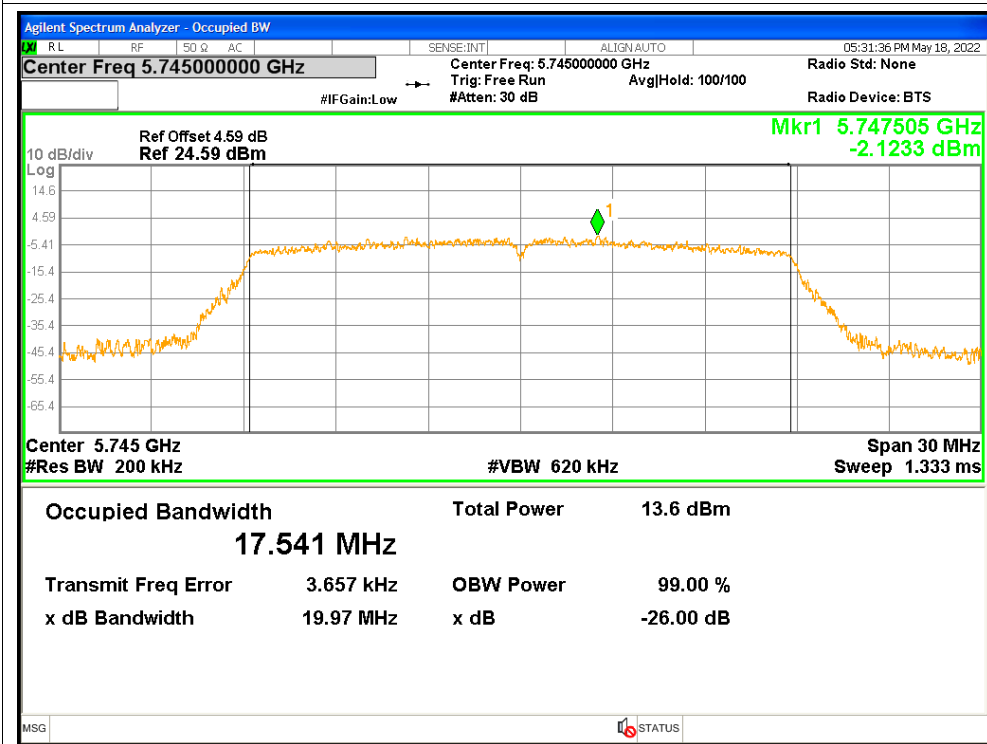
OBW NVNT a 5785MHz Ant1



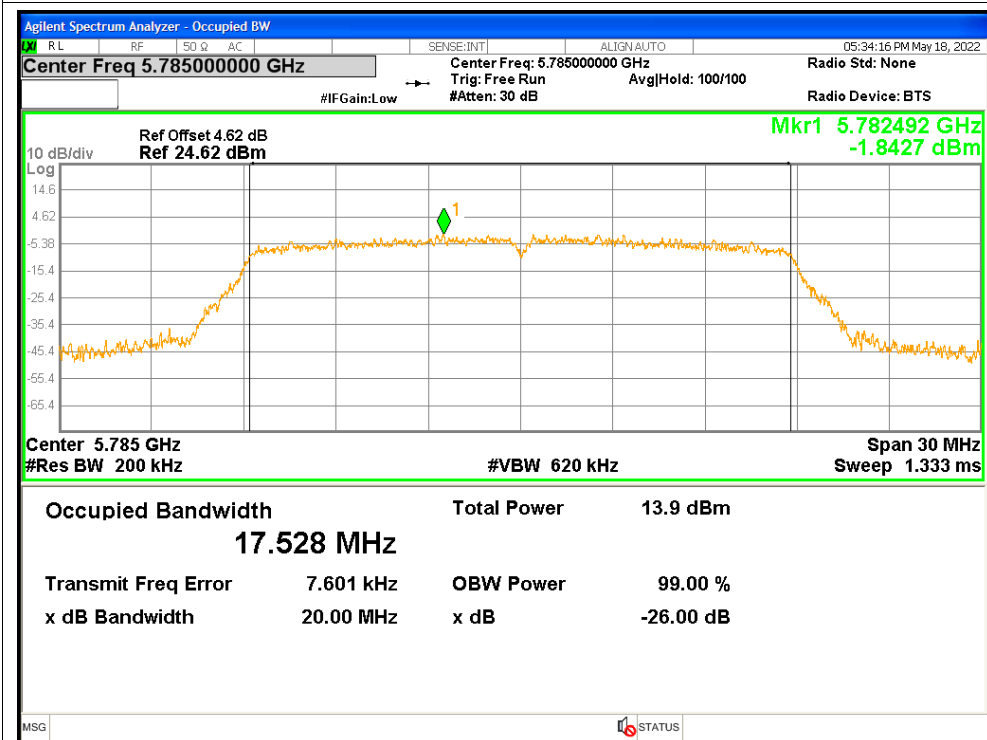
OBW NVNT a 5825MHz Ant1



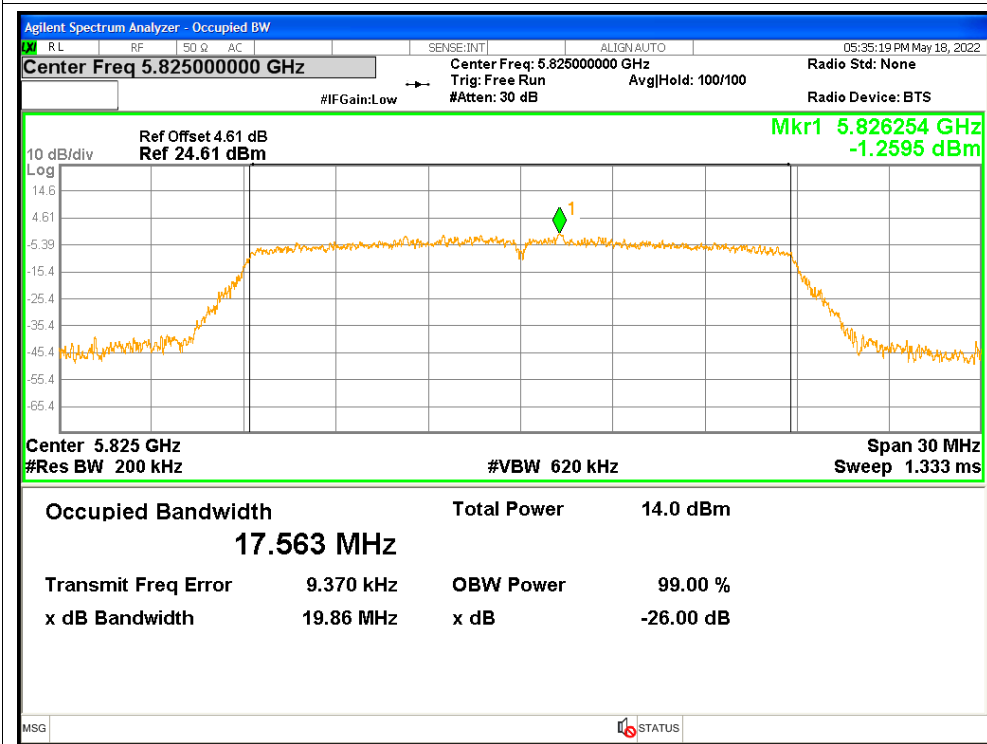
OBW NVNT n20 5745MHz Ant1



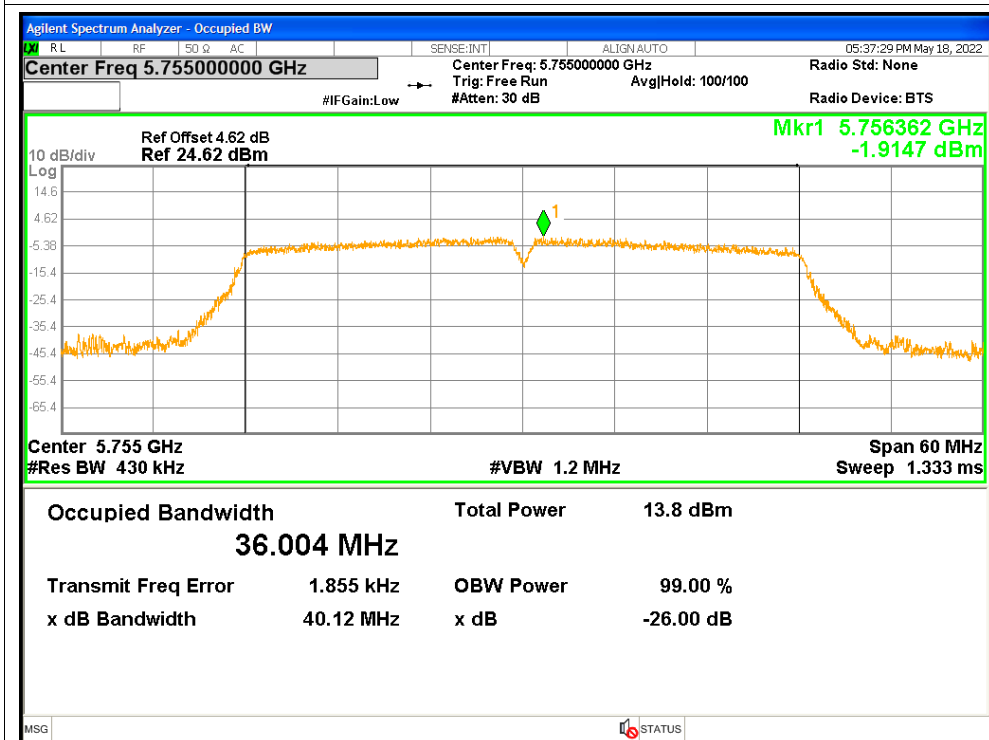
OBW NVNT n20 5785MHz Ant1



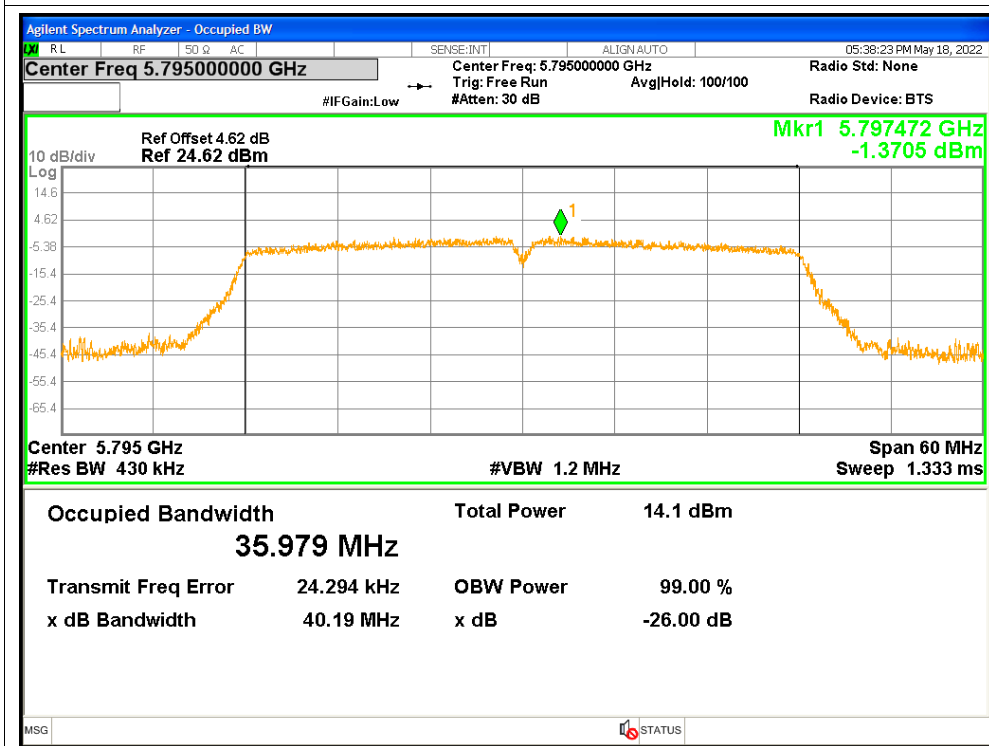
OBW NVNT n20 5825MHz Ant1



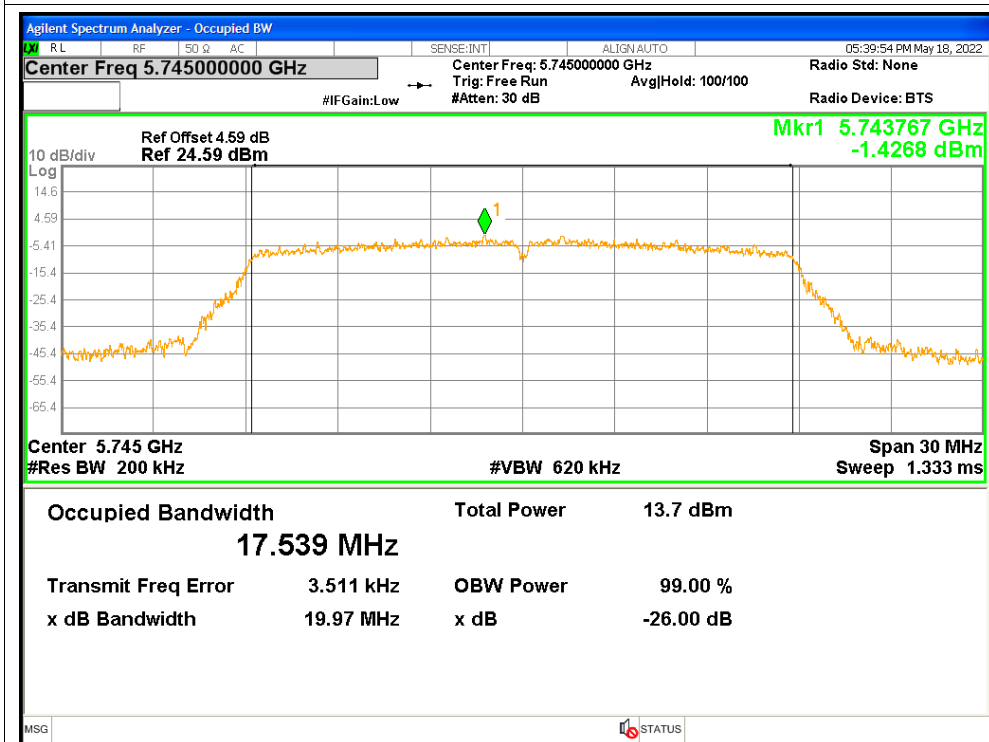
OBW NVNT n40 5755MHz Ant1



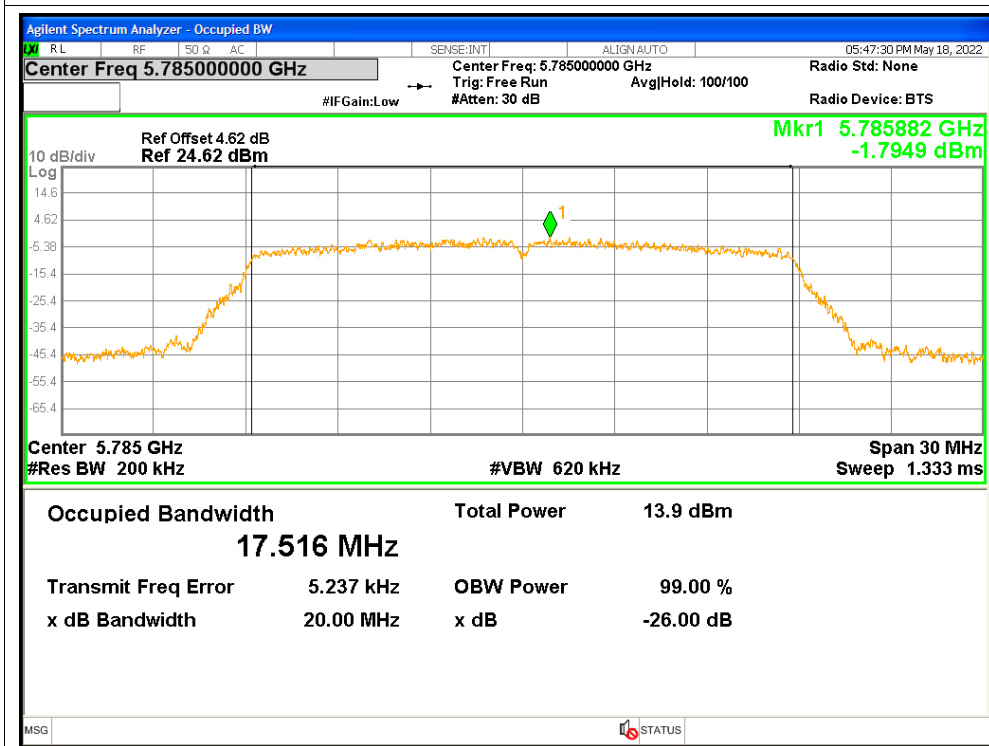
OBW NVNT n40 5795MHz Ant1



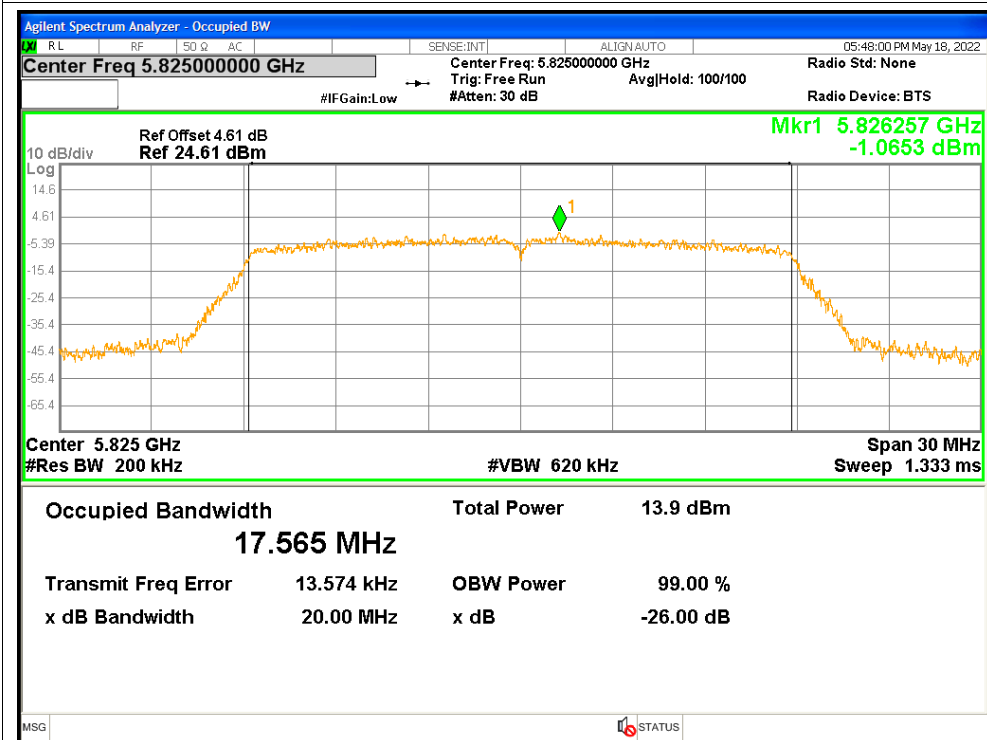
OBW NVNT ac20 5745MHz Ant1



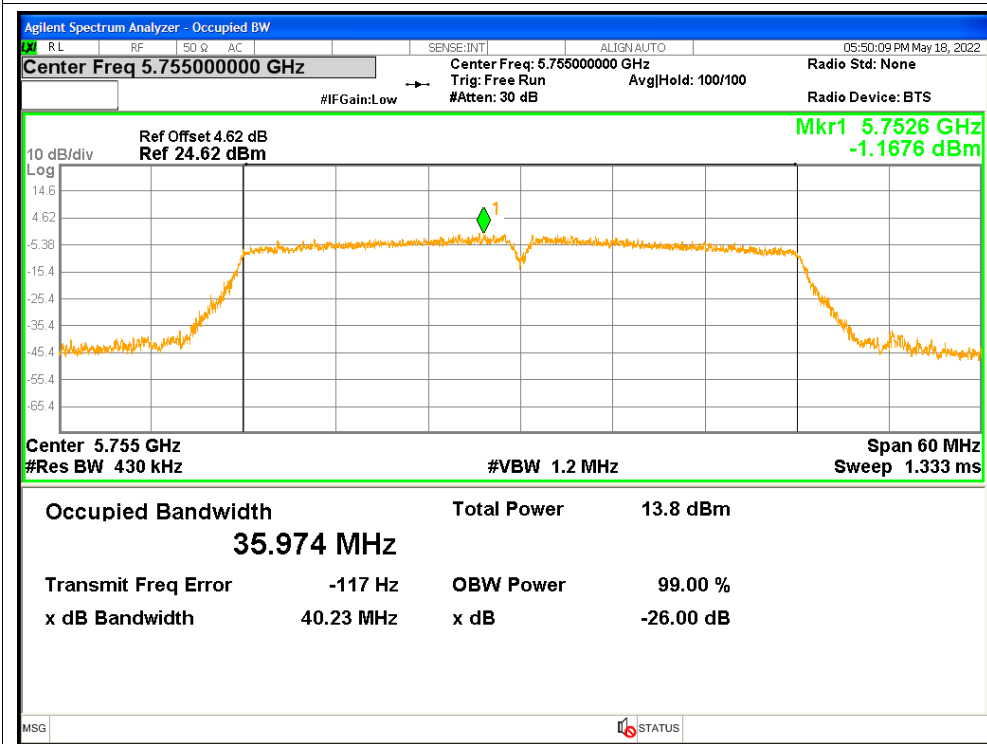
OBW NVNT ac20 5785MHz Ant1



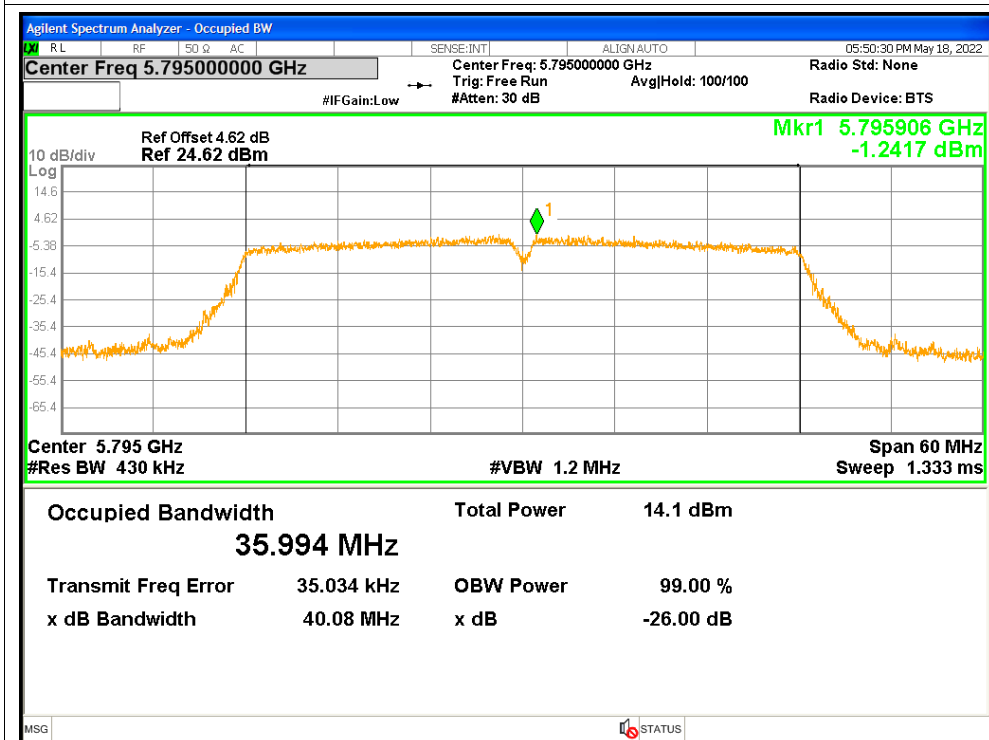
OBW NVNT ac20 5825MHz Ant1



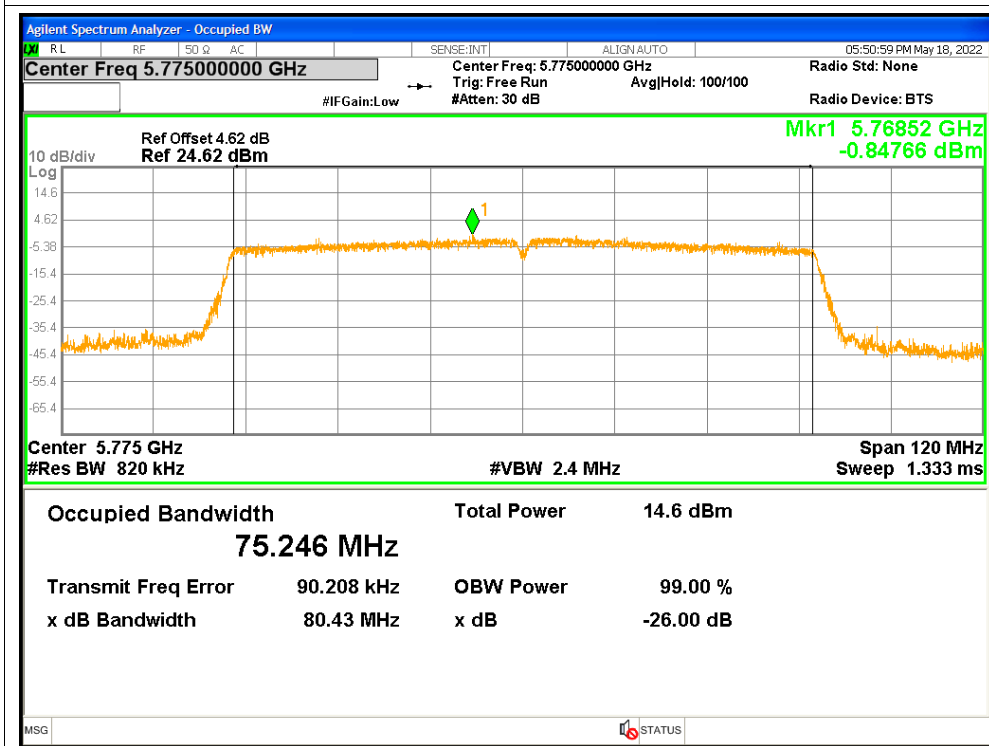
OBW NVNT ac40 5755MHz Ant1



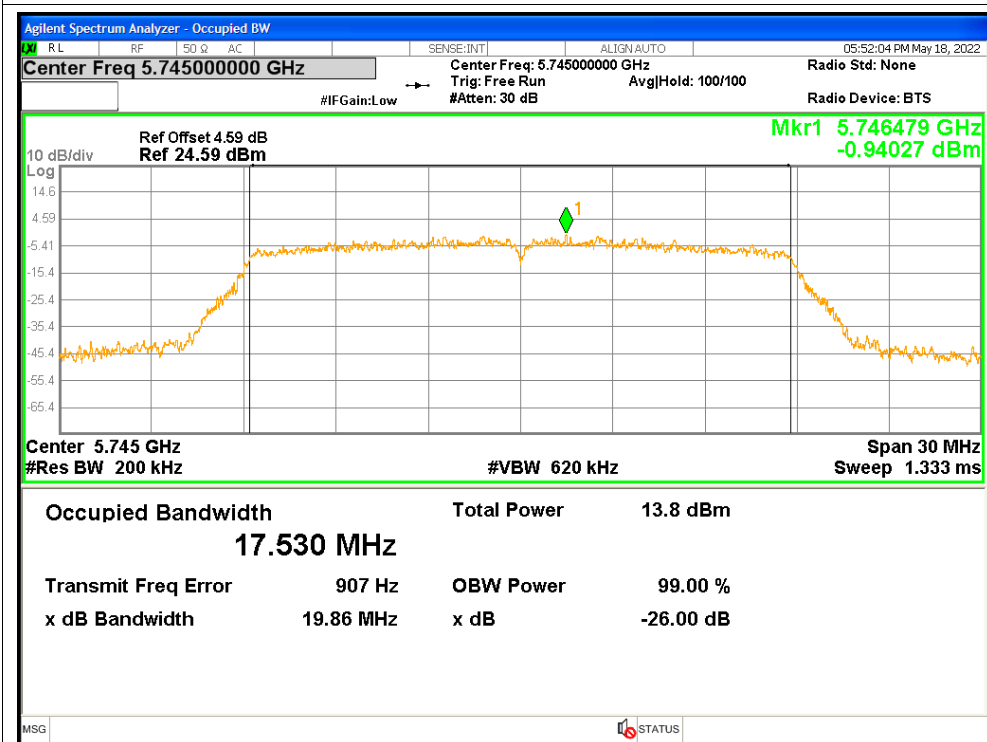
OBW NVNT ac40 5795MHz Ant1



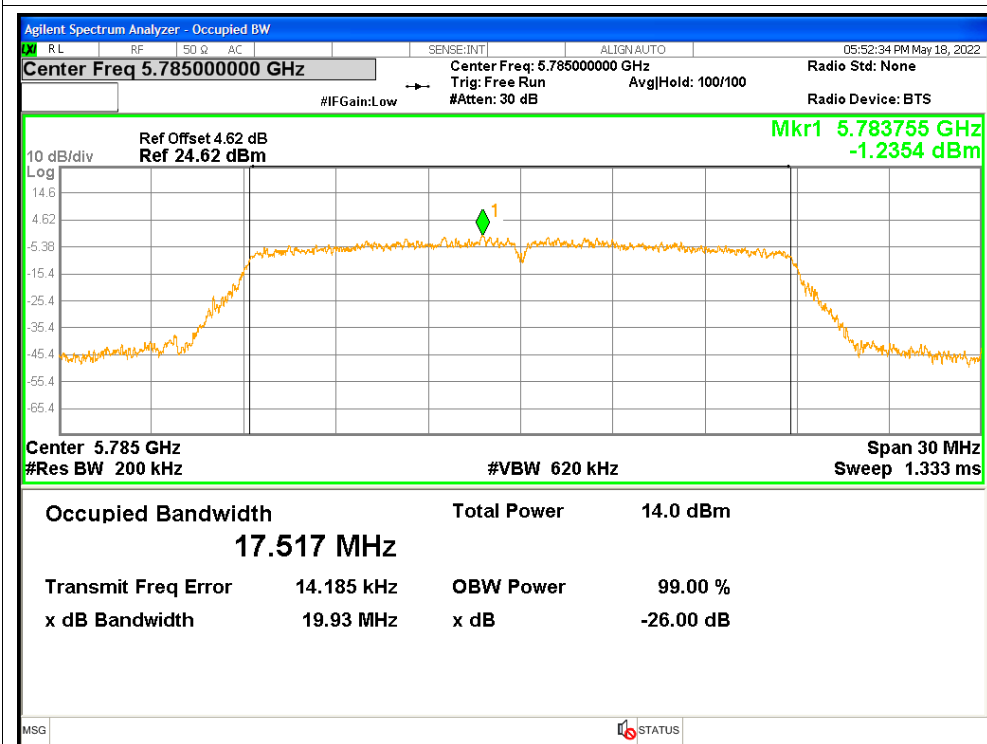
OBW NVNT ac80 5775MHz Ant1



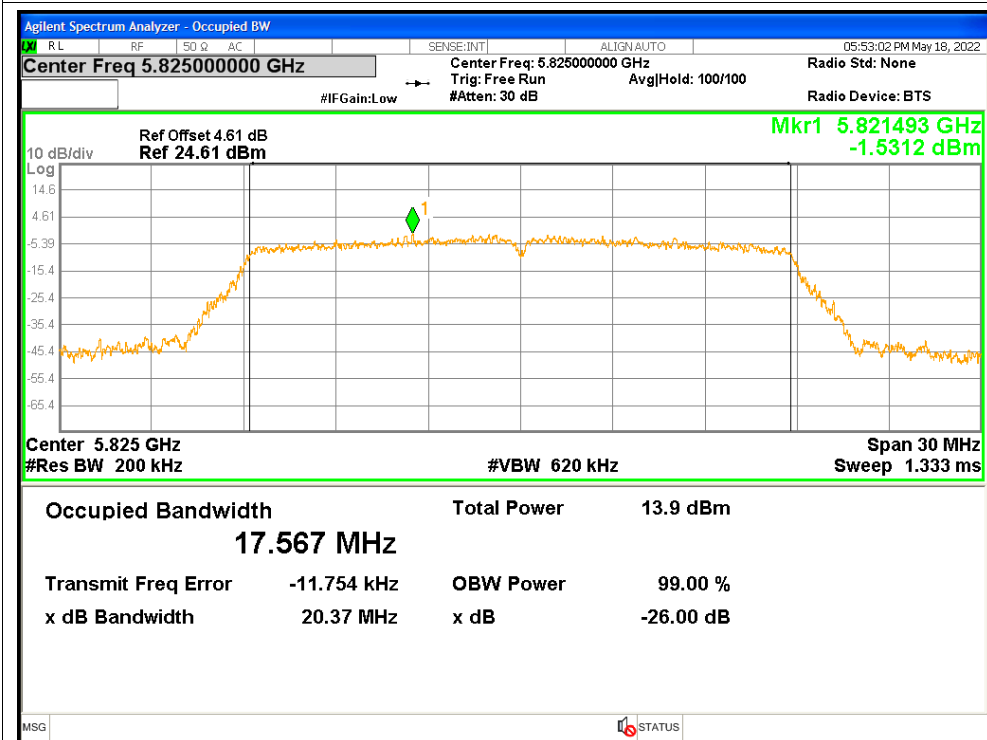
OBW NVNT ax20 5745MHz Ant1



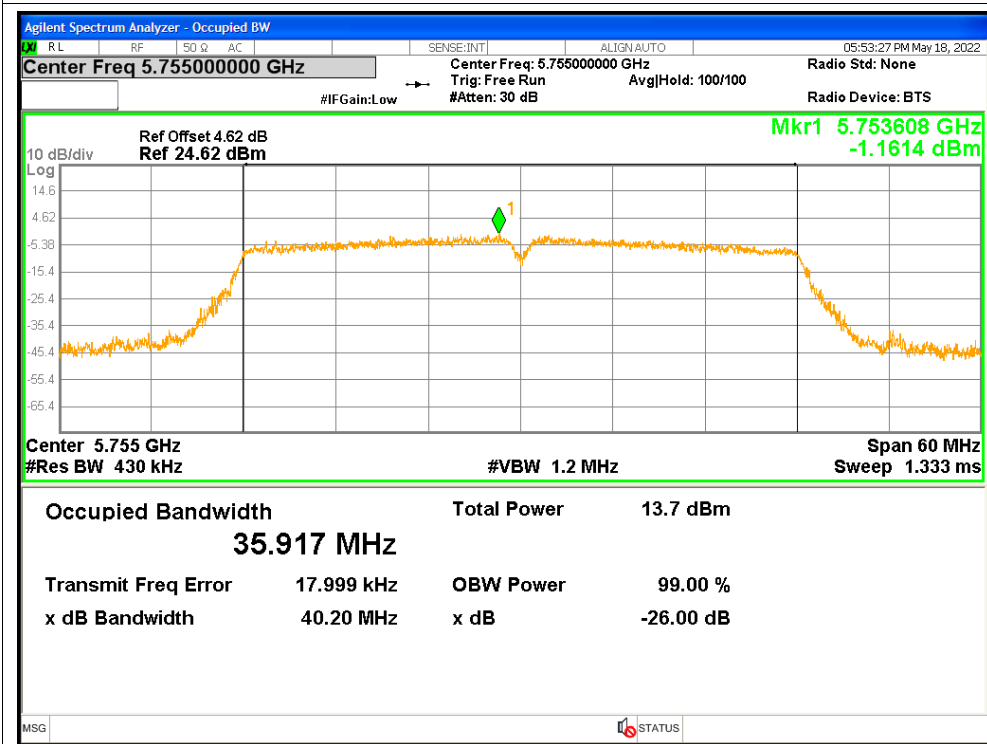
OBW NVNT ax20 5785MHz Ant1



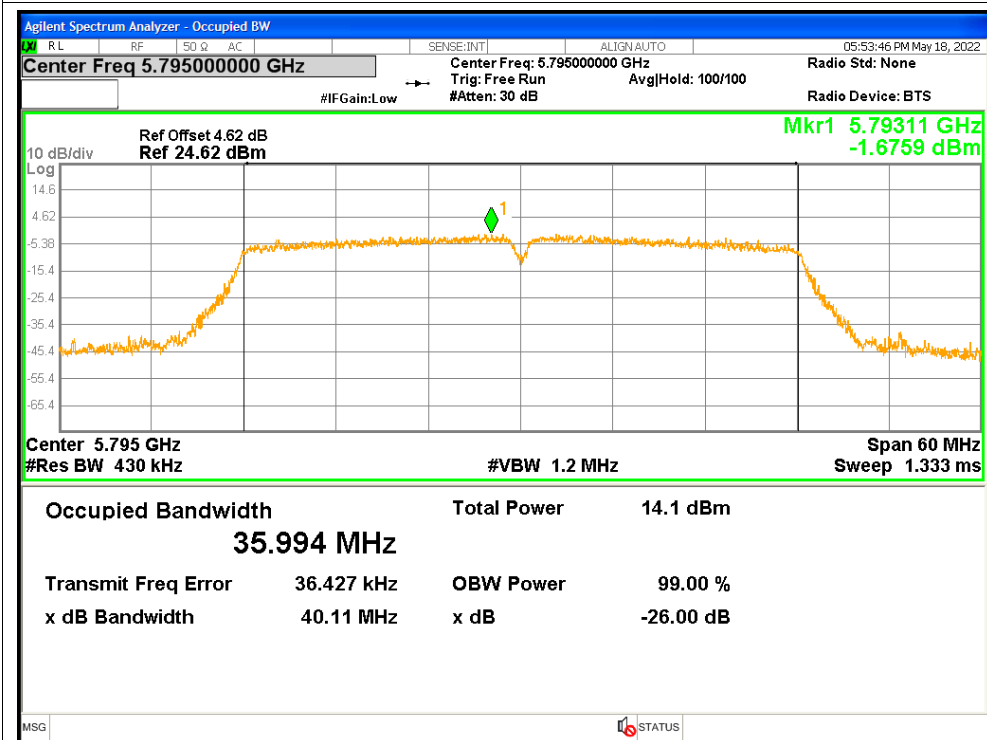
OBW NVNT ax20 5825MHz Ant1



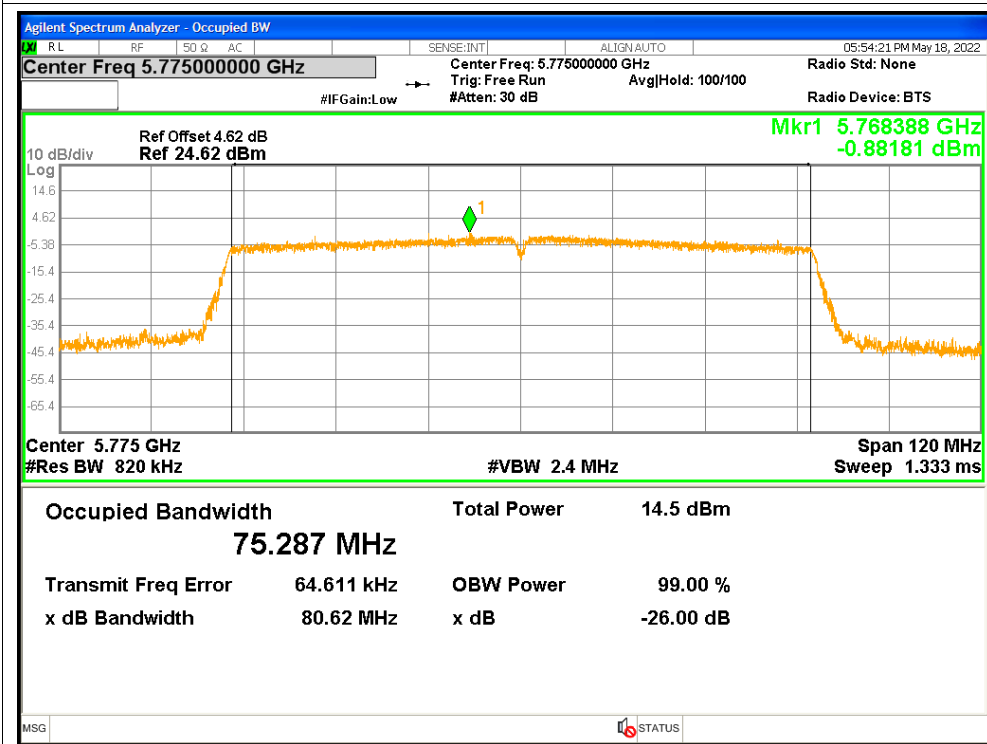
OBW NVNT ax40 5755MHz Ant1



OBW NVNT ax40 5795MHz Ant1



OBW NVNT ax80 5775MHz Ant1



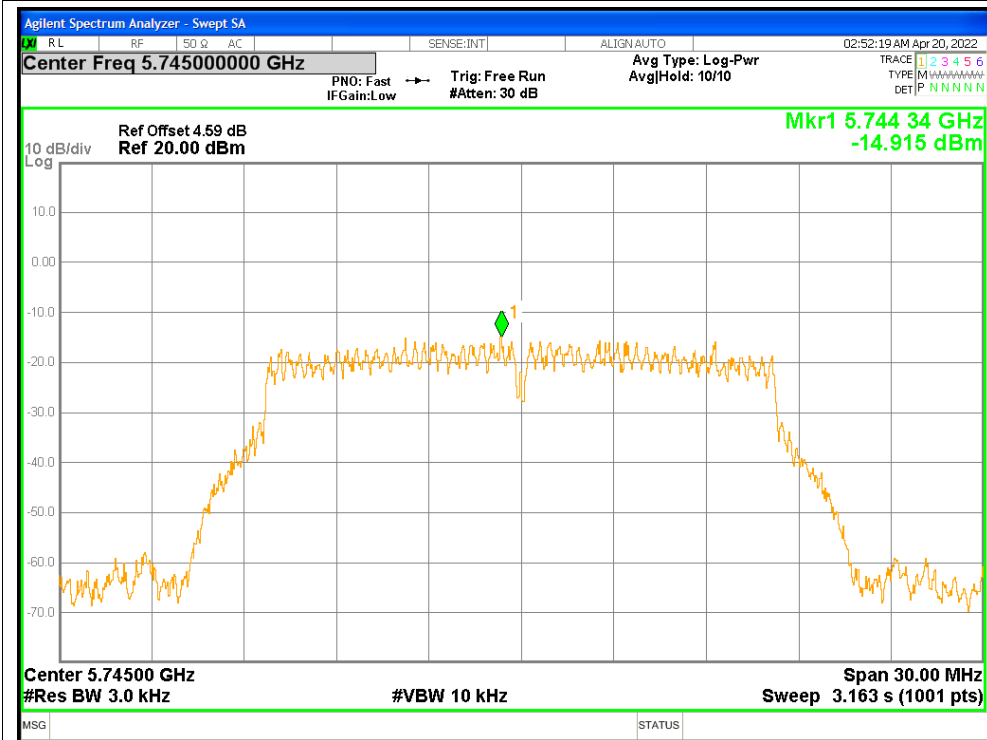
Maximum Power Spectral Density Level

Frequency	Use RBW 510KHz direct measurement Ant_A Power Density (dBm)	Use RBW 510KHz direct measurement Ant_B Power Density (dBm)	Convert to RBW 500KHz direct measurement Ant_A Power Density (dBm)	Convert to RBW 500KHz 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/500KHz)	Result
802.11a										
5745	-14.920	-16.310	-15.006	-16.396	0.870	-14.136	-15.526	--	30	PASS
5785	-14.950	-14.410	-15.036	-14.496	0.870	-14.166	-13.626	--	30	PASS
5825	-13.580	-14.110	-13.666	-14.196	0.870	-12.796	-13.326	--	30	PASS
802.11n20										
5745	-15.940	-16.600	-16.026	-16.686	0.630	-15.396	-16.056	-12.703	27.99	PASS
5785	-15.900	-16.120	-15.986	-16.206	0.630	-15.356	-15.576	-12.454	27.99	PASS
5825	-14.730	-16.080	-14.816	-16.166	0.630	-14.186	-15.536	-11.798	27.99	PASS
802.11n40										
5755	-18.810	-19.130	-18.896	-19.216	1.180	-17.716	-18.036	-14.863	27.99	PASS
5795	-17.100	-18.720	-17.186	-18.806	1.180	-16.006	-17.626	-13.731	27.99	PASS
802.11ac20										
5745	-15.590	-14.540	-15.676	-14.626	1.110	-14.566	-13.516	-10.999	27.99	PASS
5785	-15.030	-15.250	-15.116	-15.336	1.110	-14.006	-14.226	-11.104	27.99	PASS
5825	-14.820	-15.390	-14.906	-15.476	1.110	-13.796	-14.366	-11.061	27.99	PASS
802.11ac40										
5755	-17.530	-19.820	-17.616	-19.906	1.930	-15.686	-17.976	-13.671	27.99	PASS
5795	-17.720	-18.640	-17.806	-18.726	1.930	-15.876	-16.796	-13.301	27.99	PASS
802.11ac80										
5775	-22.730	-21.820	-22.816	-21.906	3.120	-19.696	-18.786	-16.207	27.99	PASS
802.11ax20										
5745	-16.520	-19.720	-16.606	-19.806	1.330	-15.276	-18.476	-13.577	27.99	PASS
5785	-16.170	-17.270	-16.256	-17.356	1.330	-14.926	-16.026	-12.431	27.99	PASS
5825	-14.300	-16.780	-14.386	-16.866	1.330	-13.056	-15.536	-11.111	27.99	PASS
802.11ax40										
5755	-19.500	-19.990	-19.586	-20.076	2.090	-17.496	-17.986	-14.724	27.99	PASS
5795	-19.840	-18.620	-19.926	-18.706	2.090	-17.836	-16.616	-14.173	27.99	PASS
802.11ax80										
5775	-23.210	-24.470	-23.296	-24.556	3.070	-20.226	-21.486	-17.800	27.99	PASS

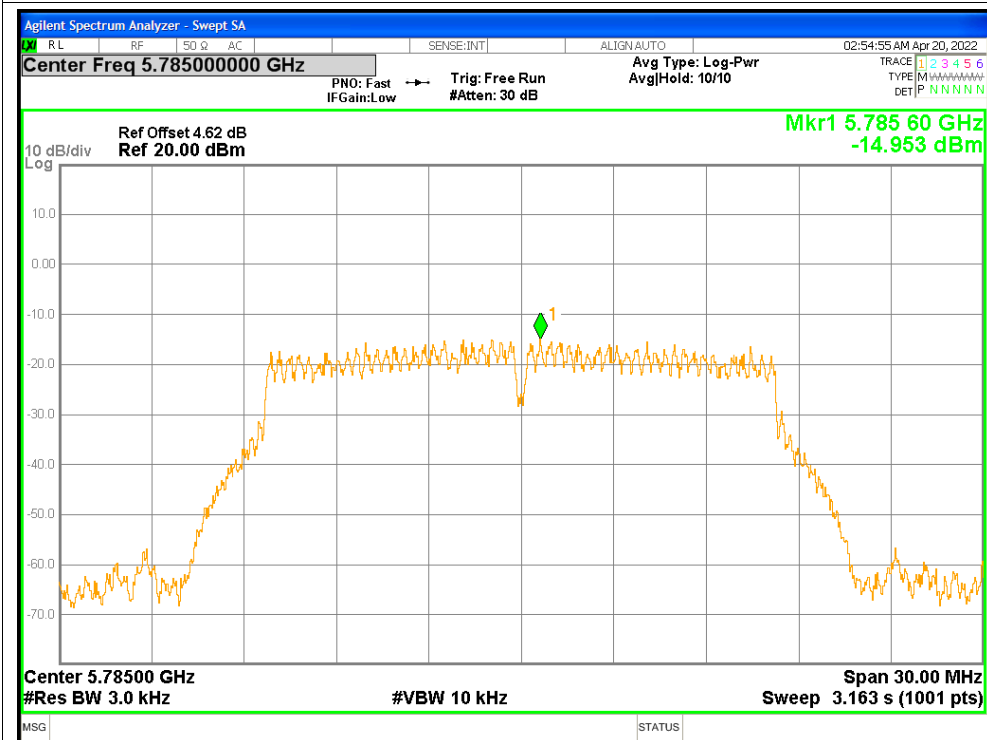
ANT A

Test Graphs

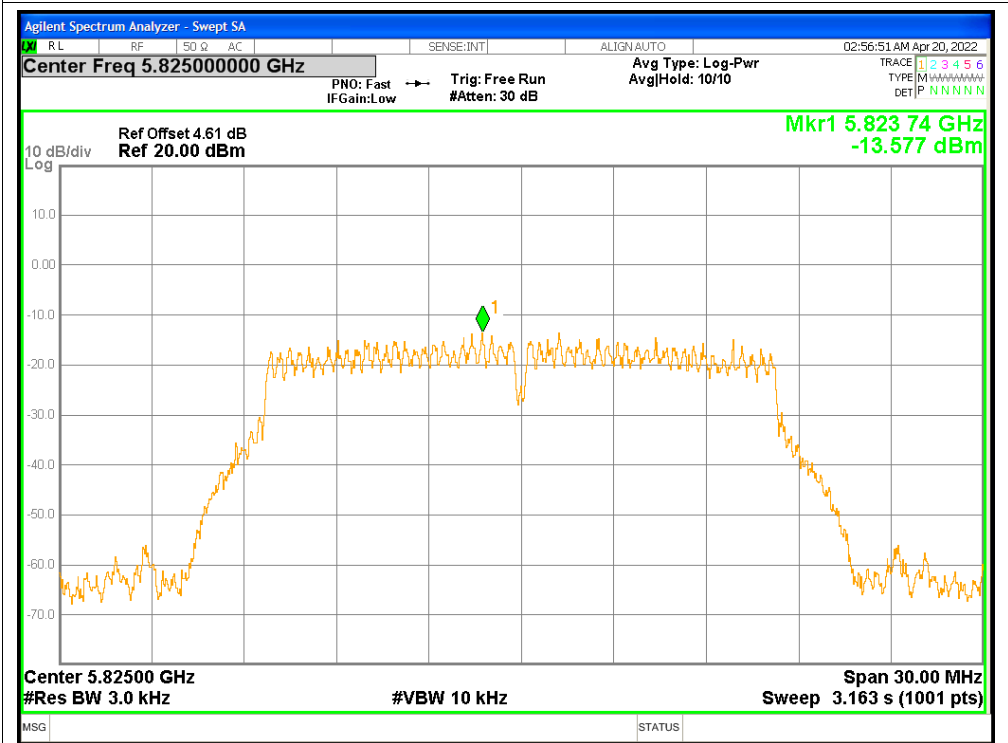
PSD NVNT a 5745MHz



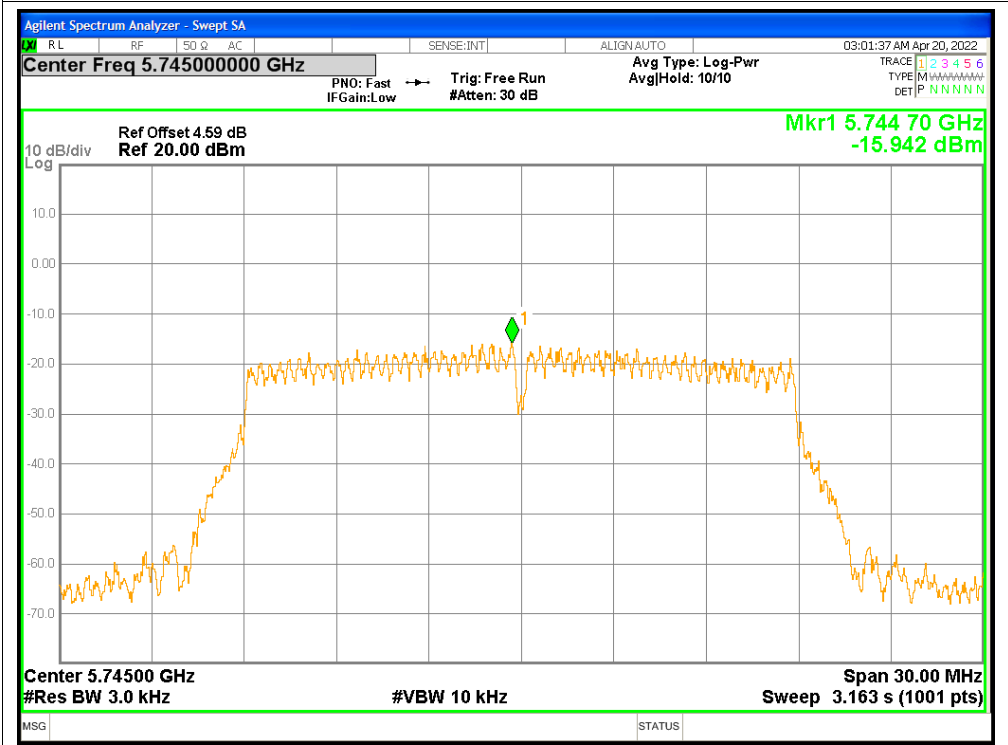
PSD NVNT a 5785MHz



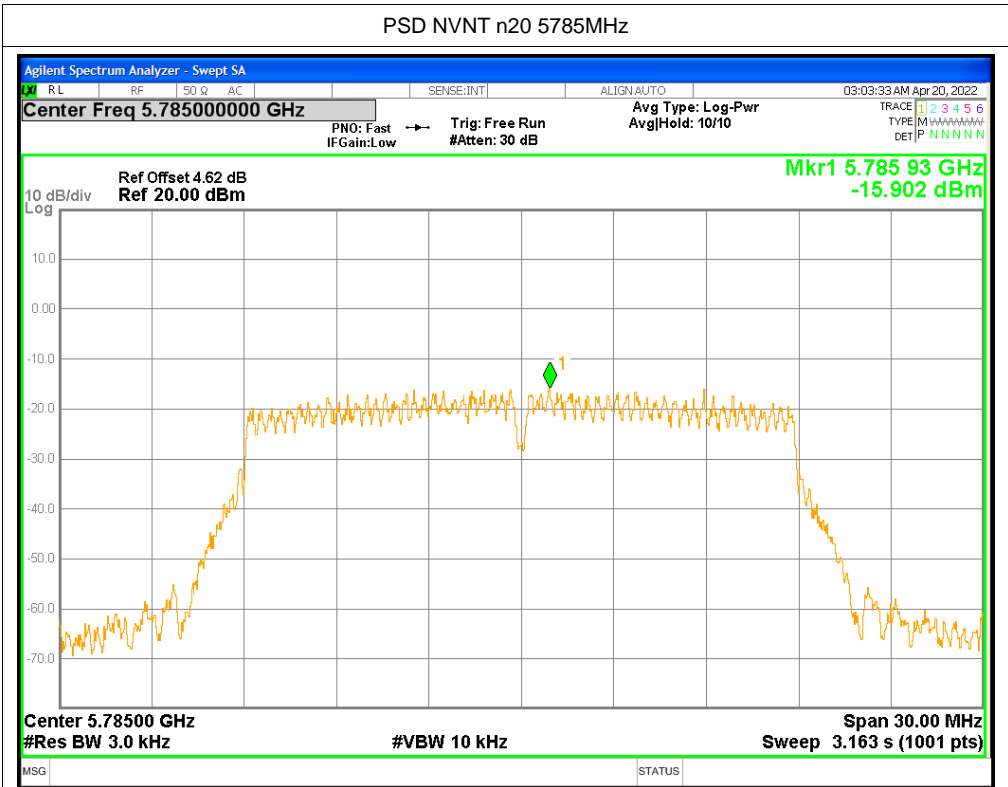
PSD NVNT a 5825MHz



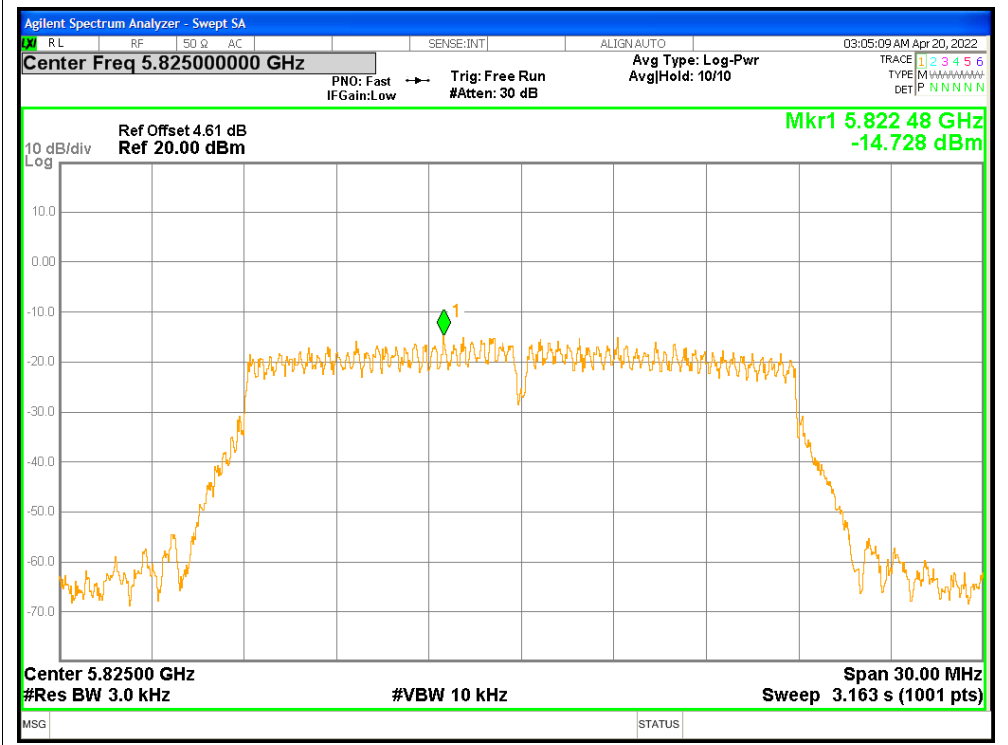
PSD NVNT n20 5745MHz



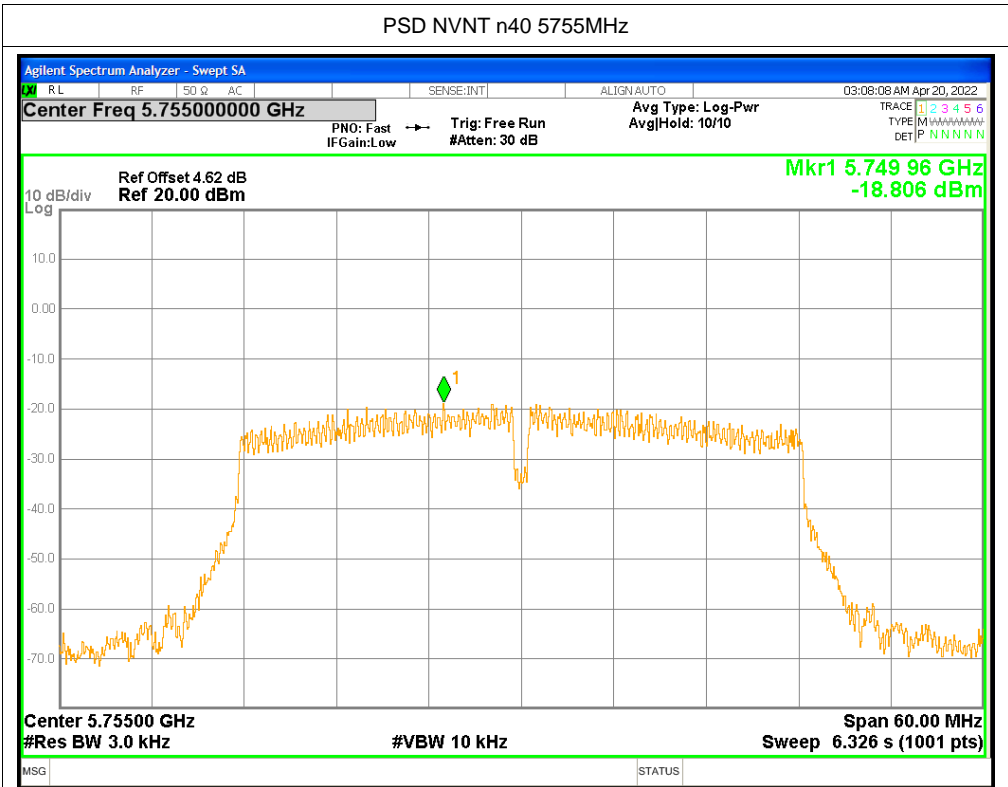
PSD NVNT n20 5785MHz



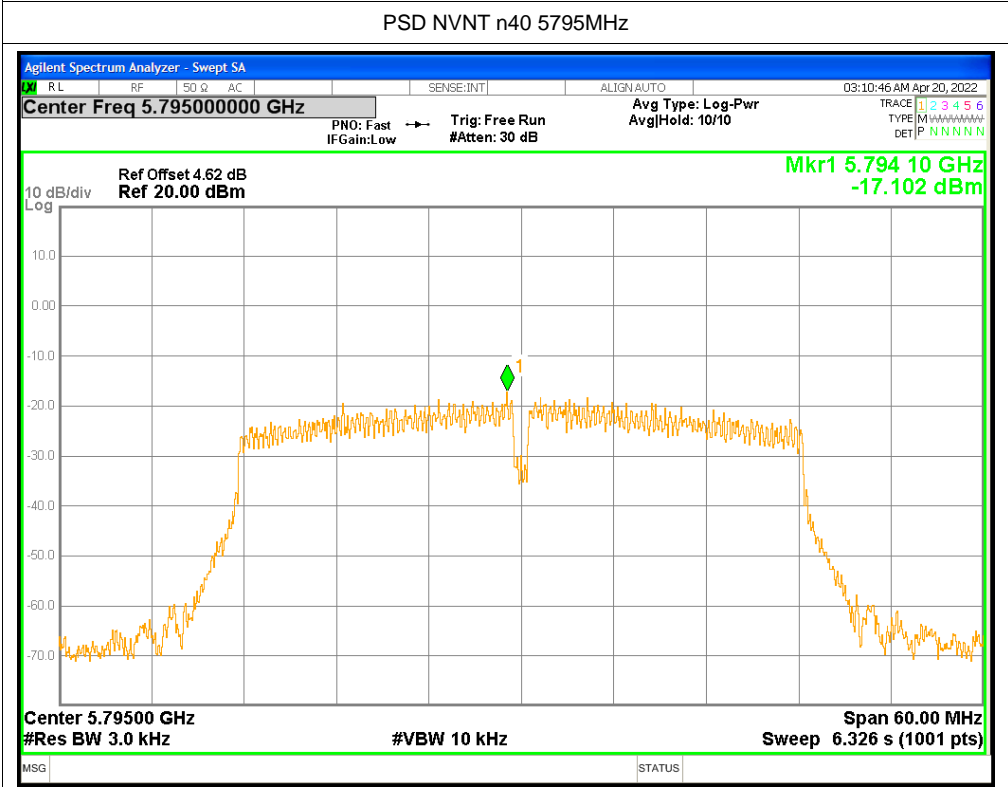
PSD NVNT n20 5825MHz



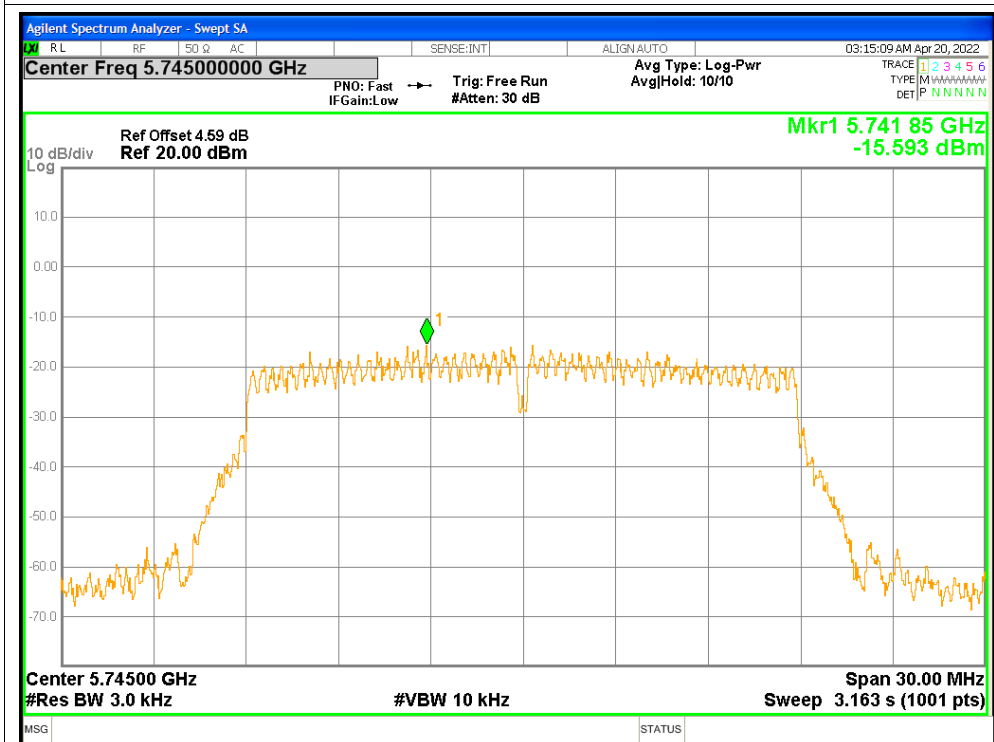
PSD NVNT n40 5755MHz



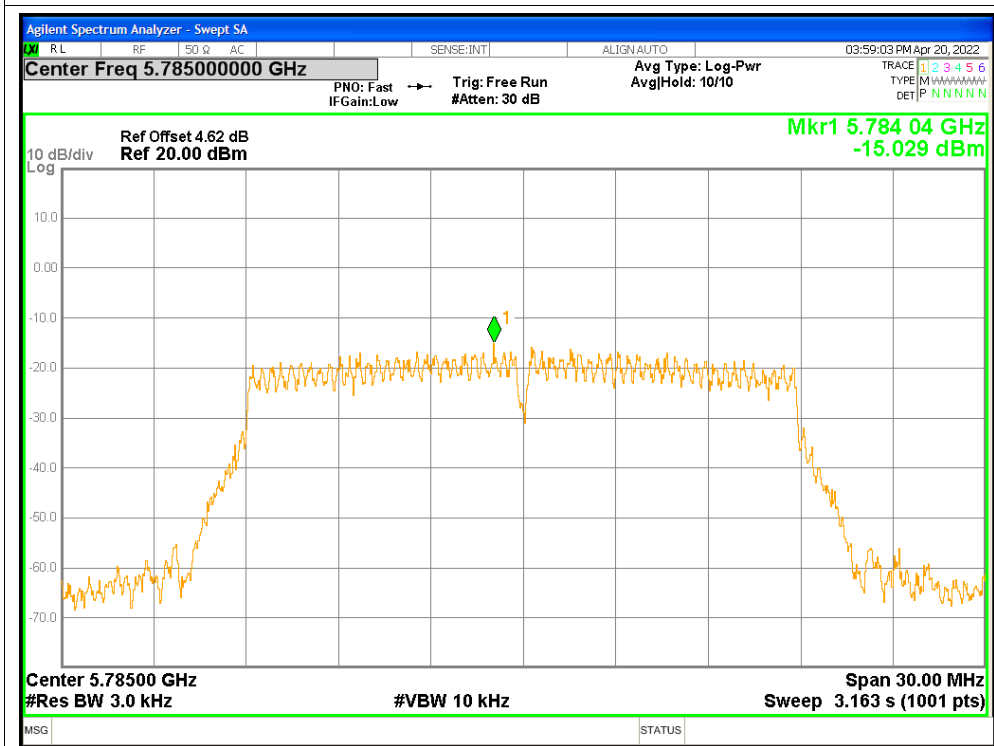
PSD NVNT n40 5795MHz

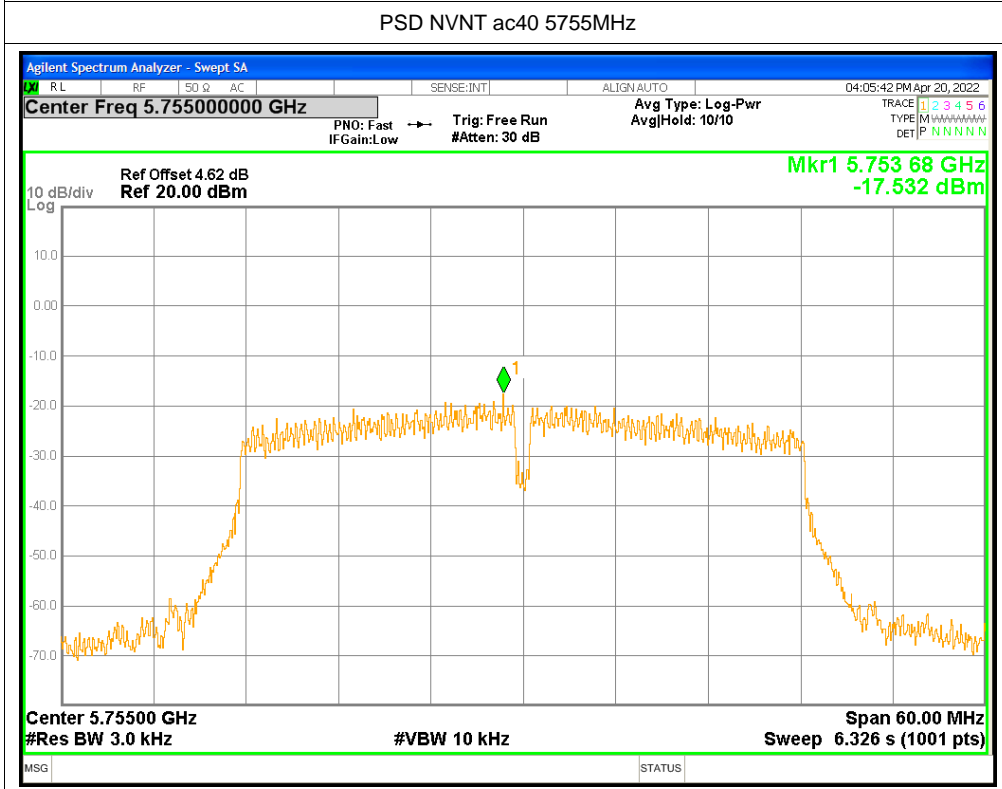
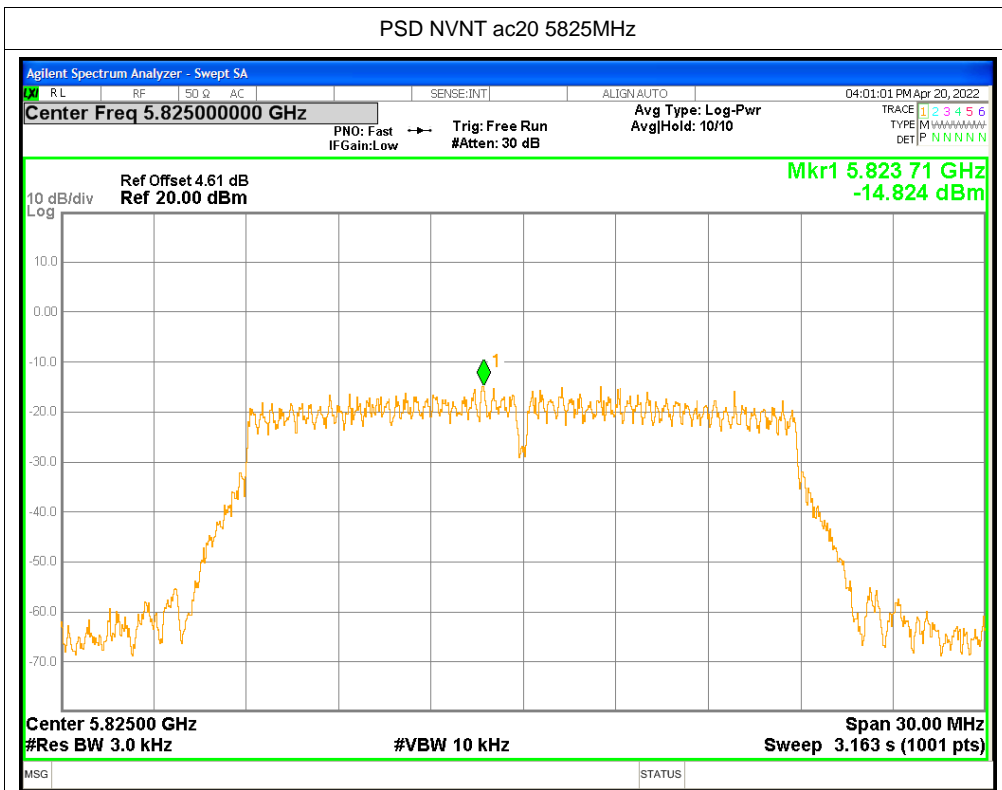


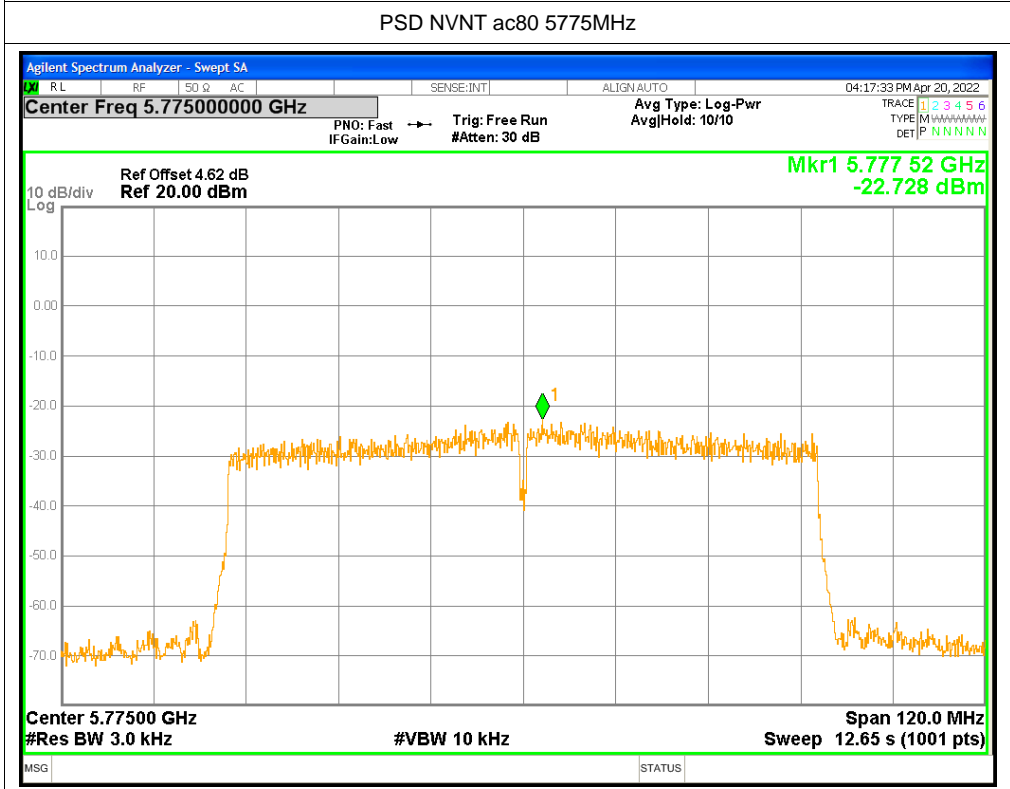
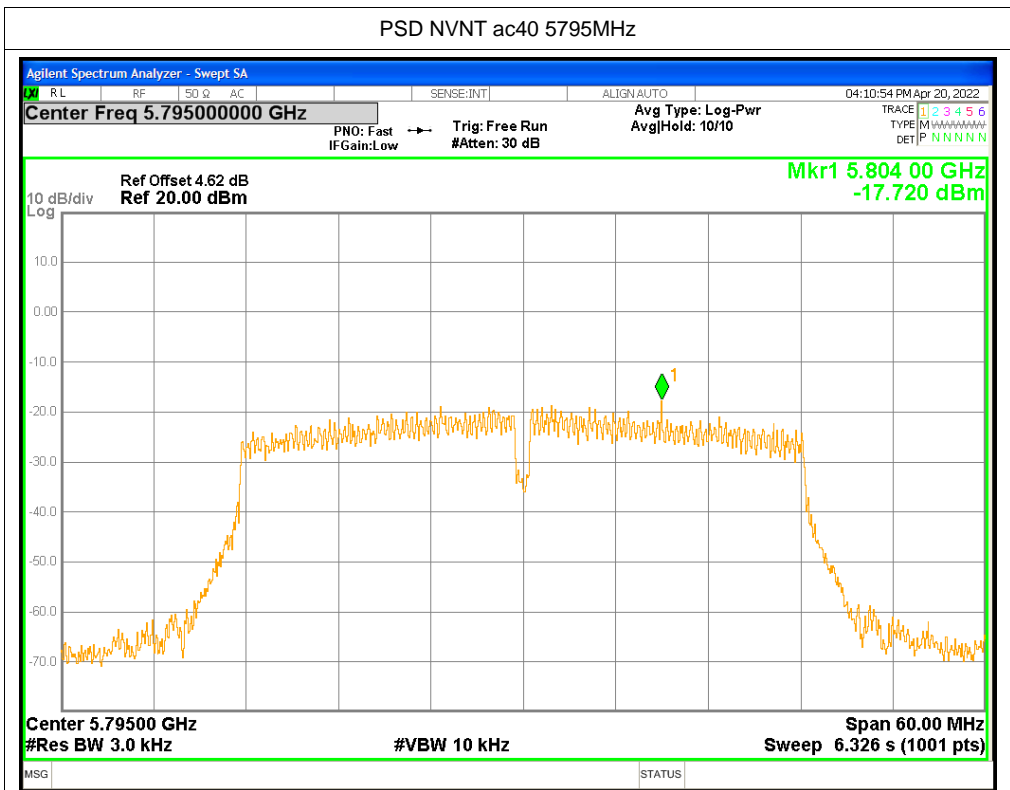
PSD NVNT ac20 5745MHz



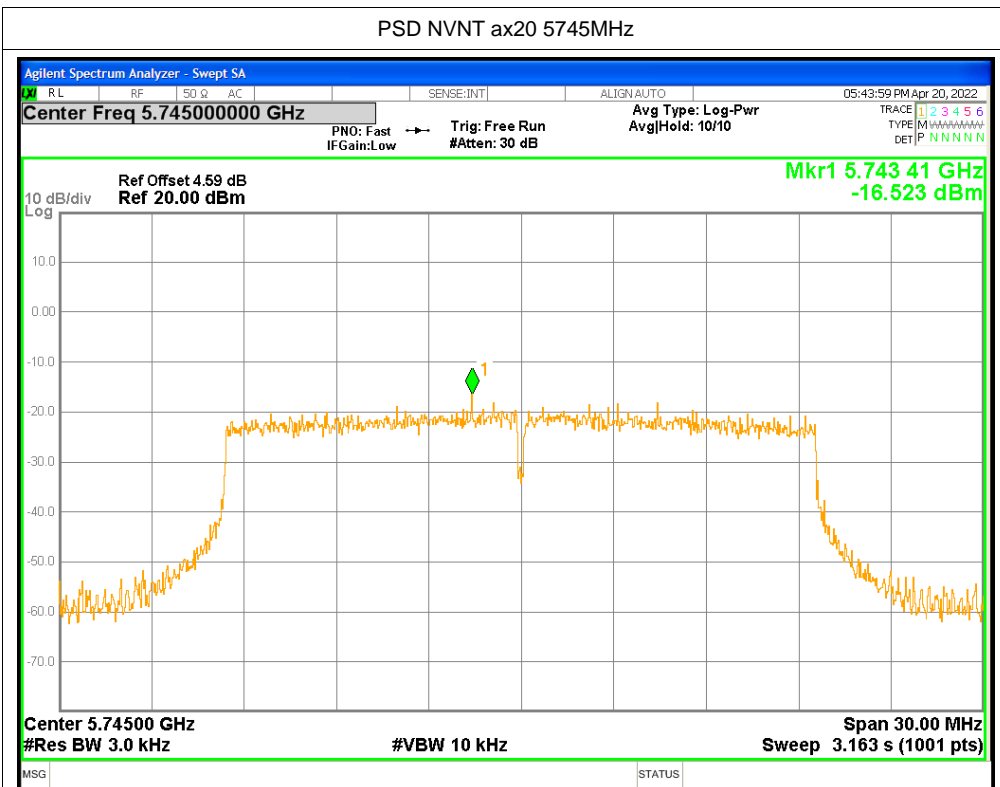
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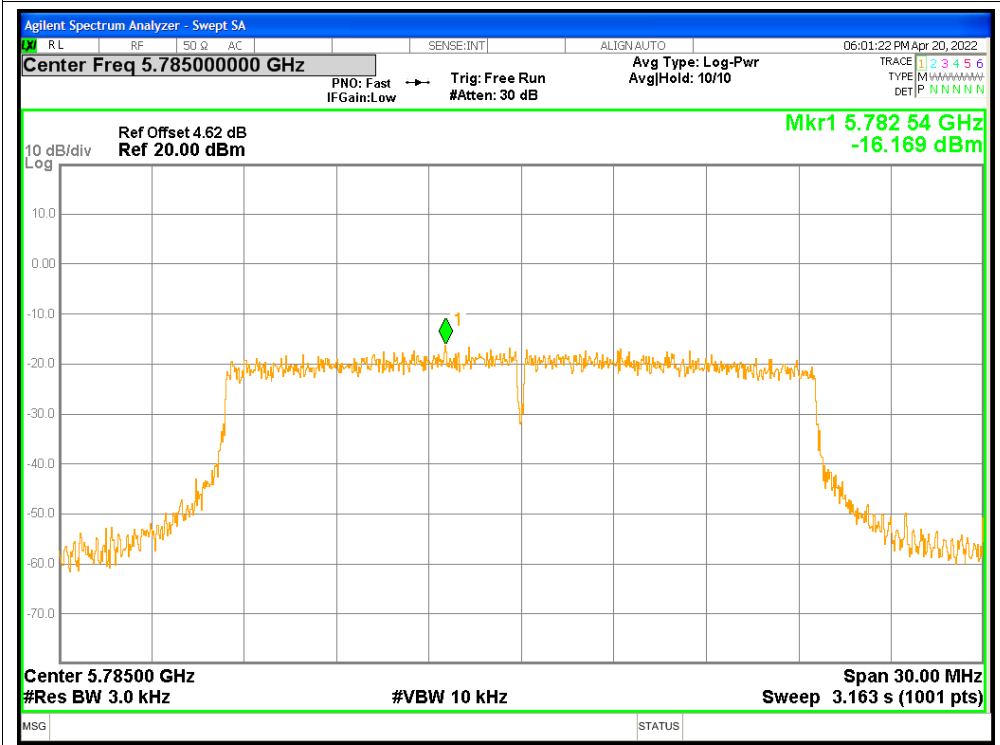


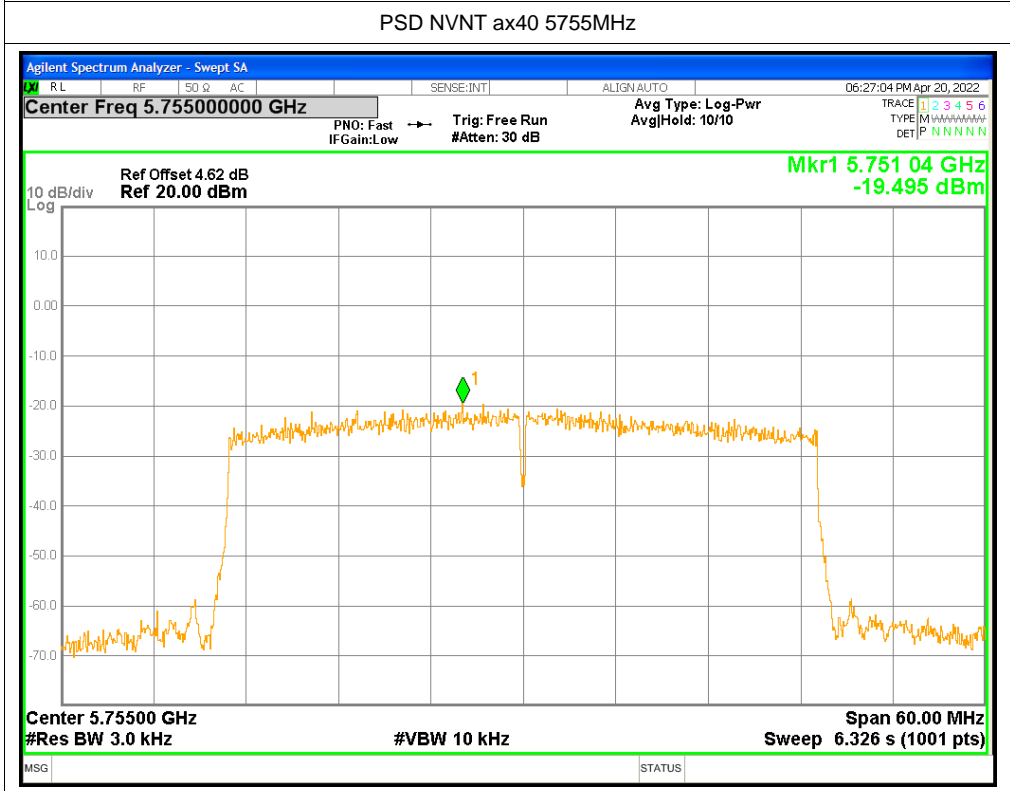
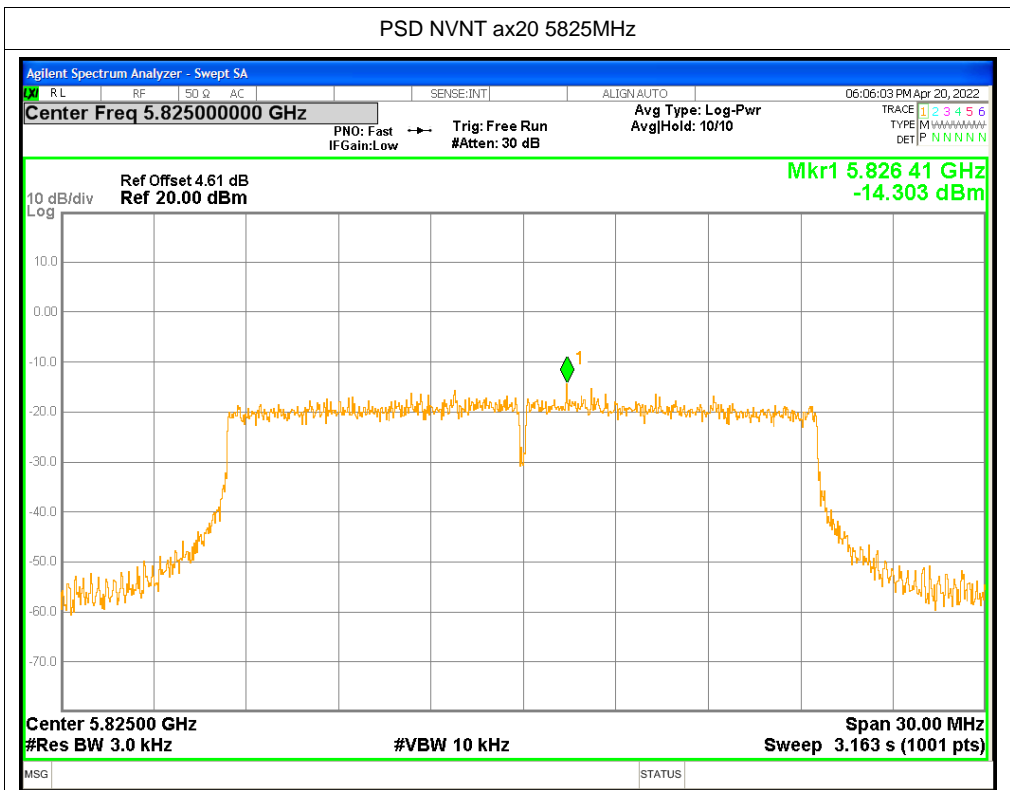


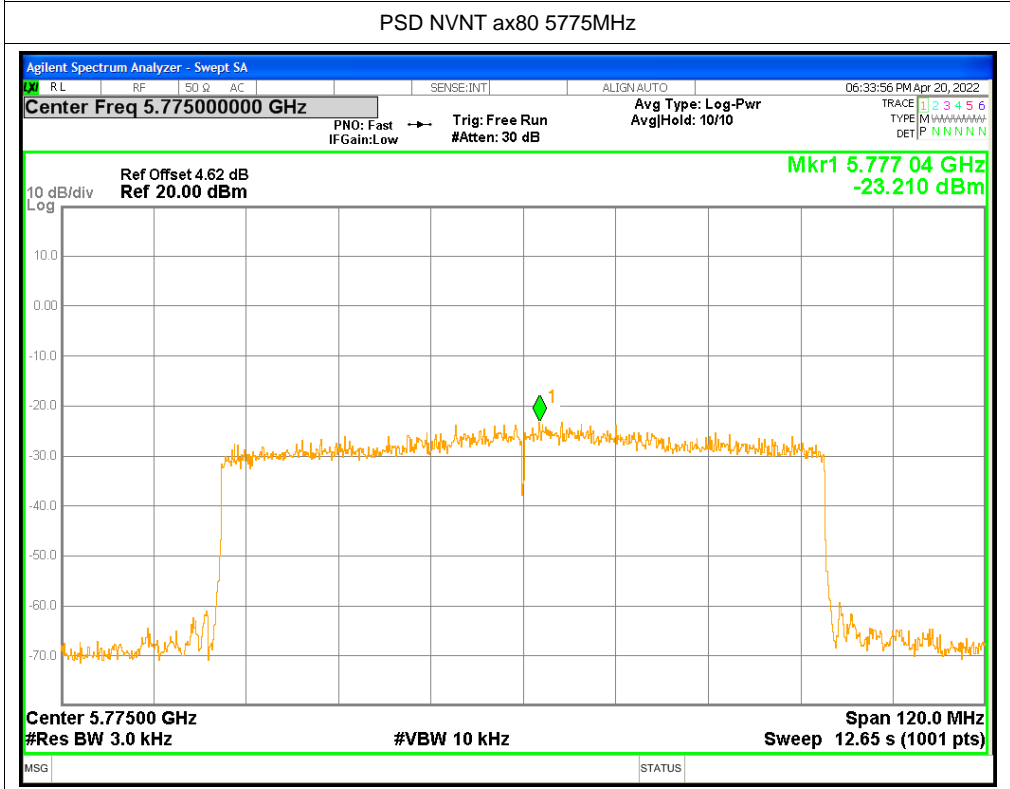
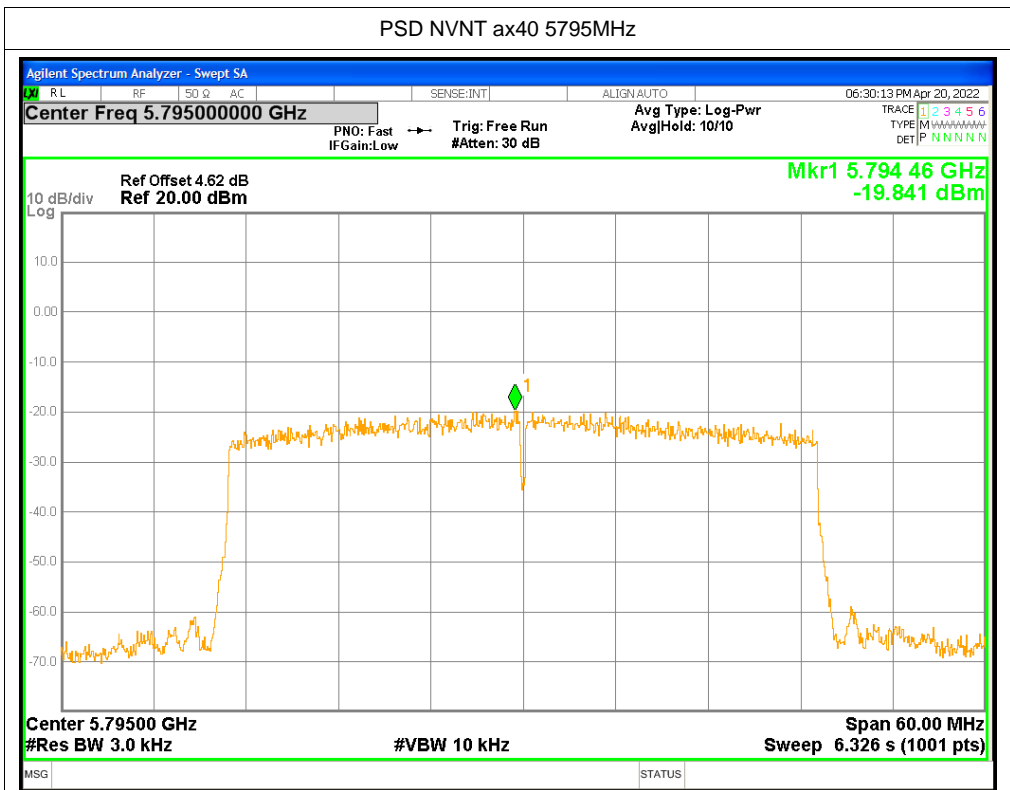
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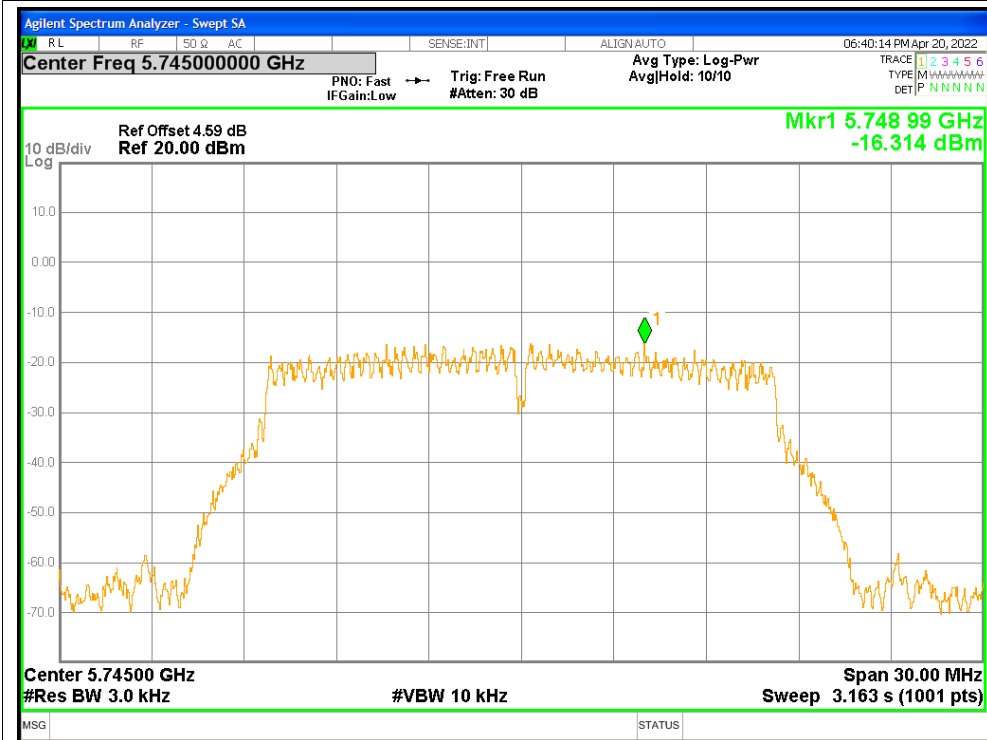




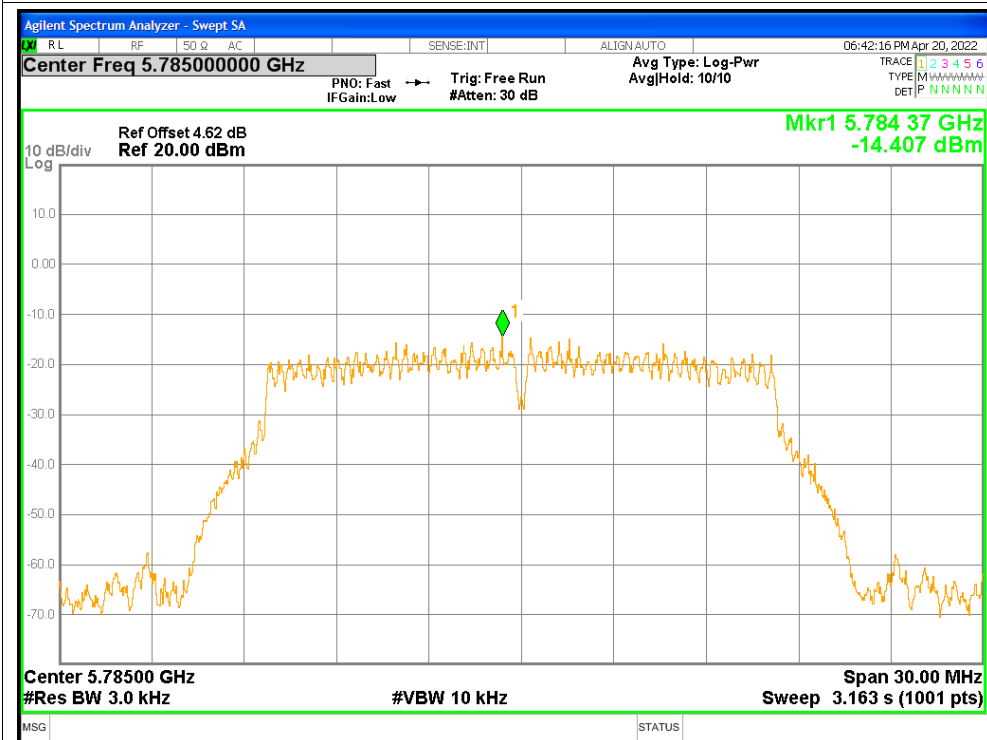
ANT B

Test Graphs

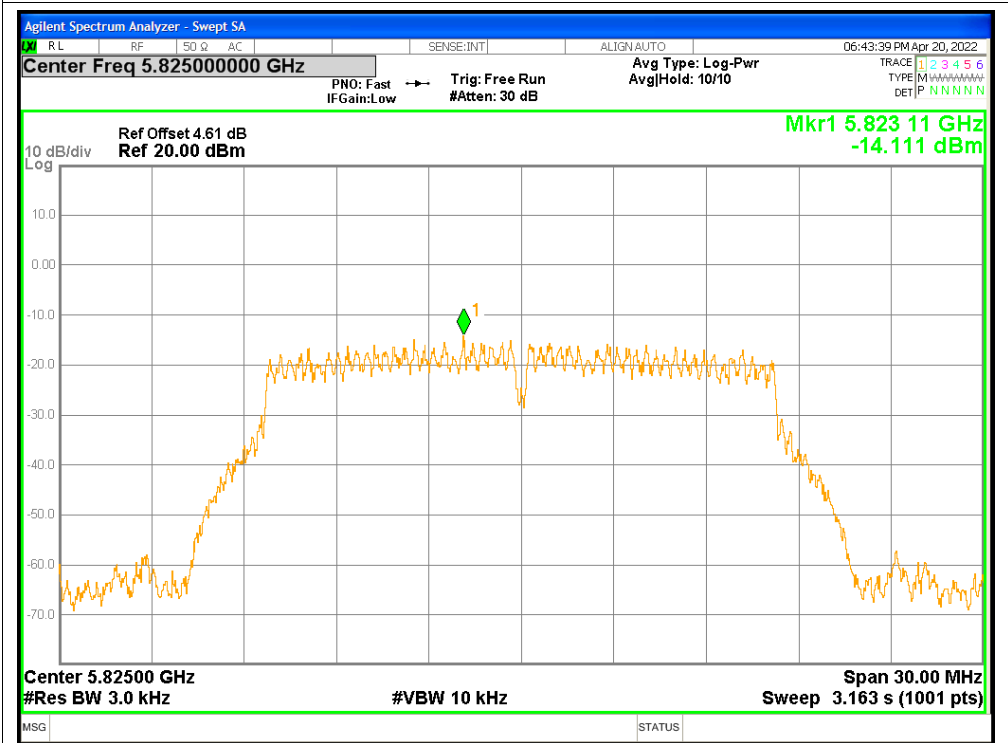
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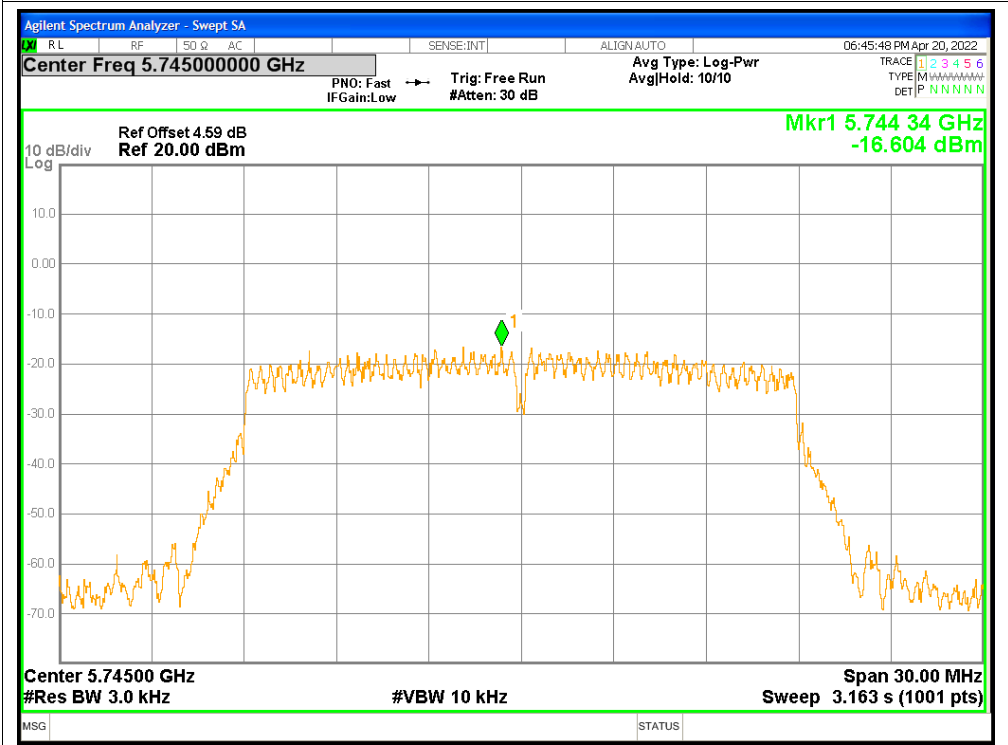
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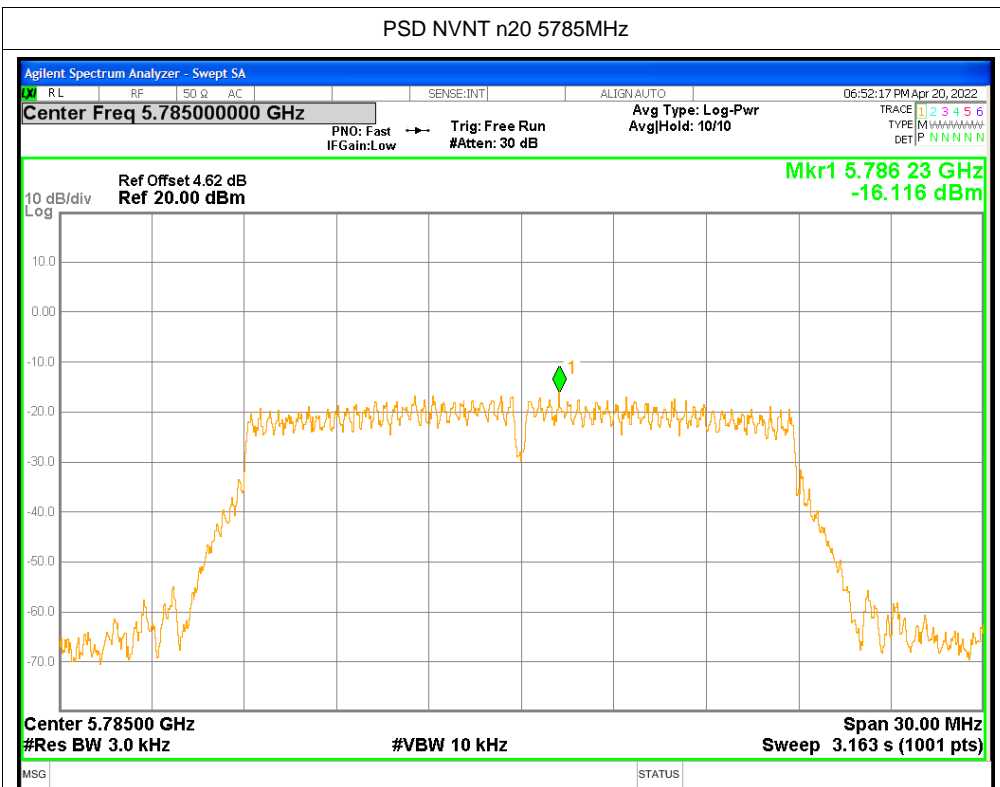
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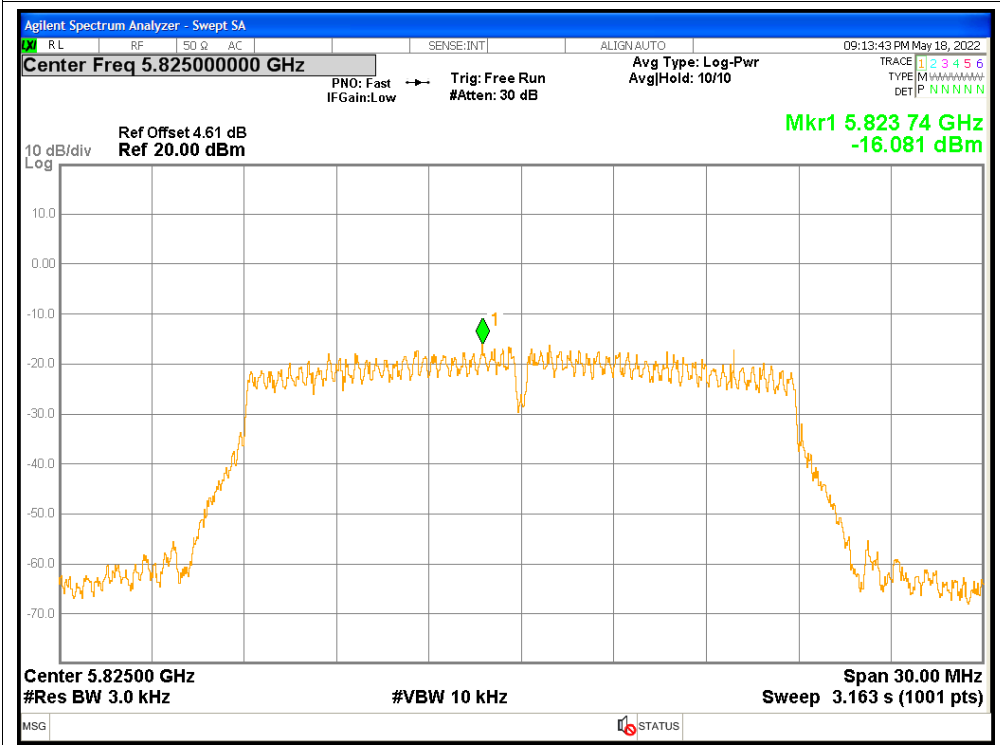
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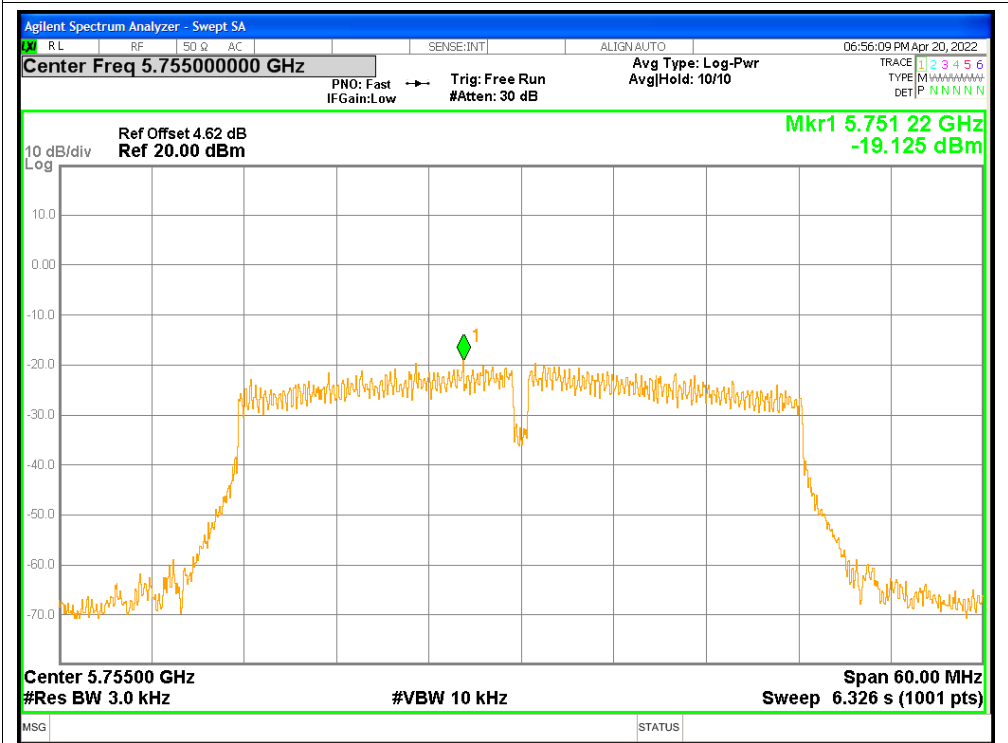
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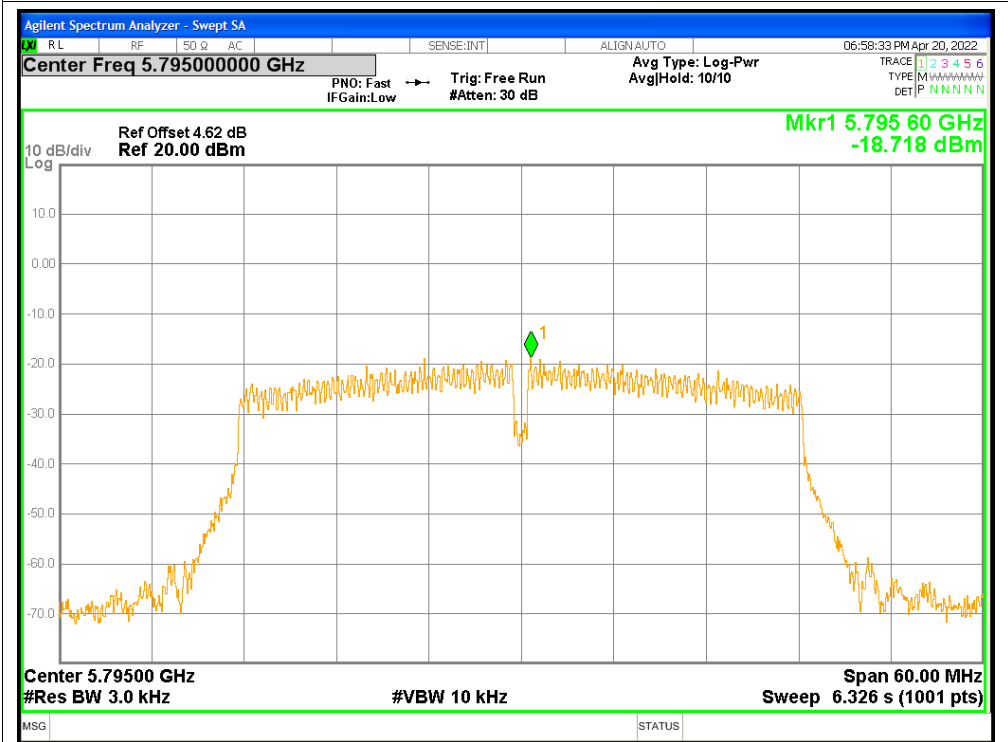
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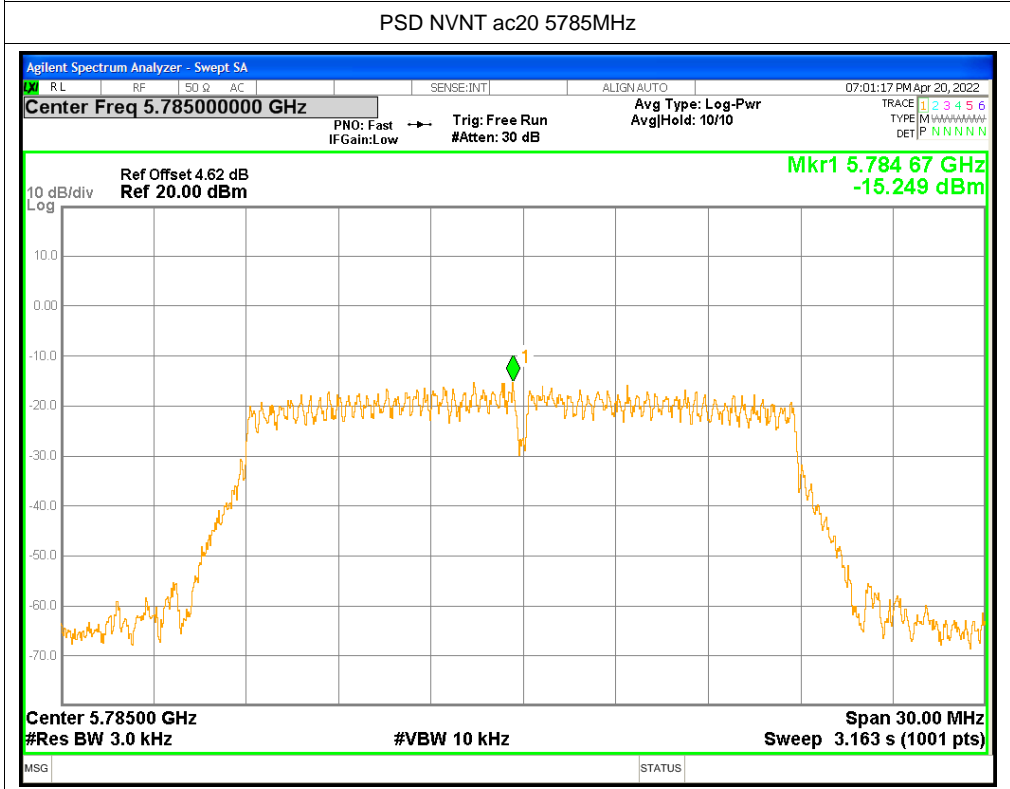
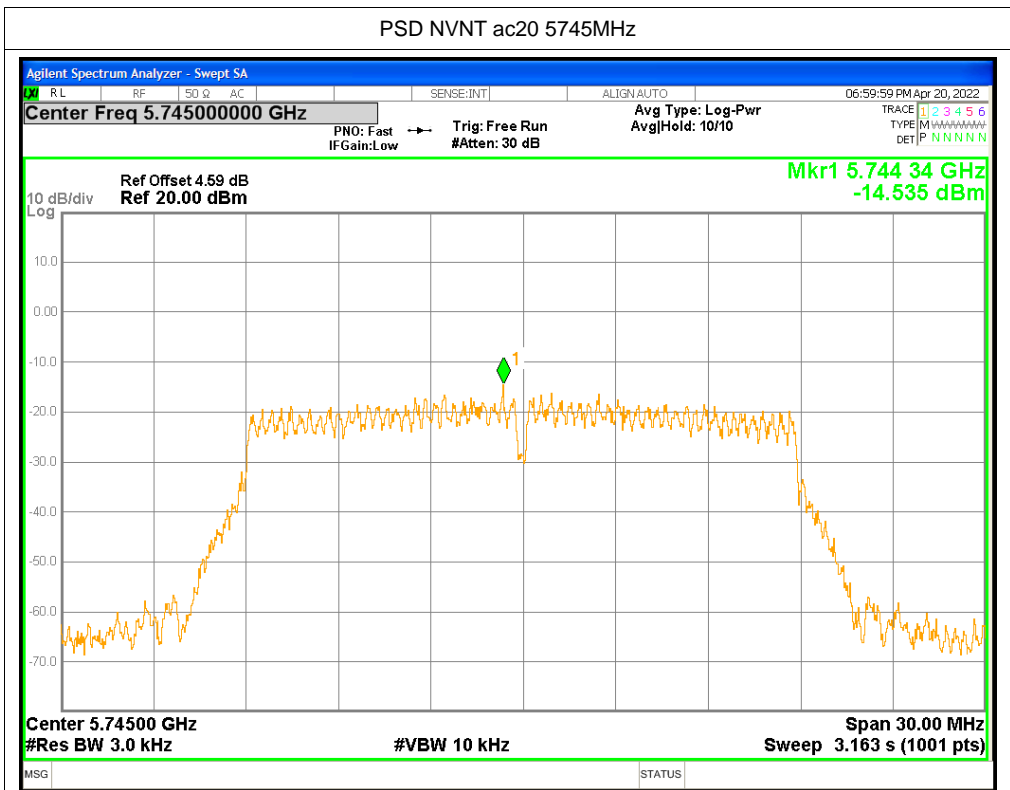


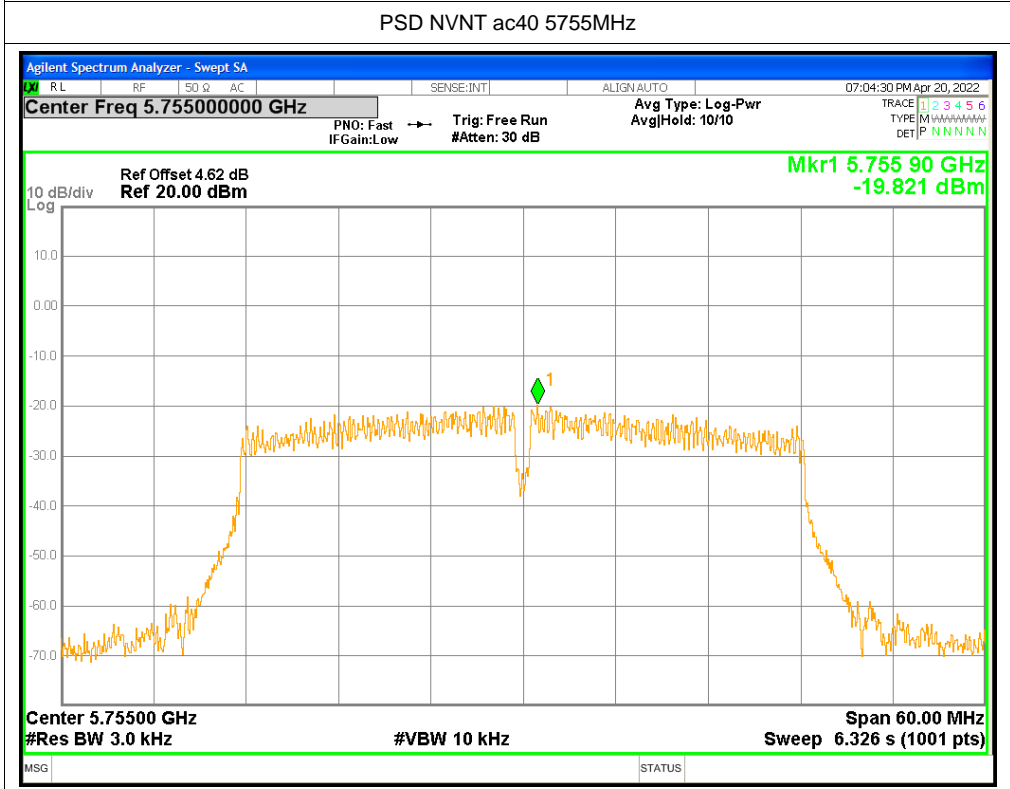
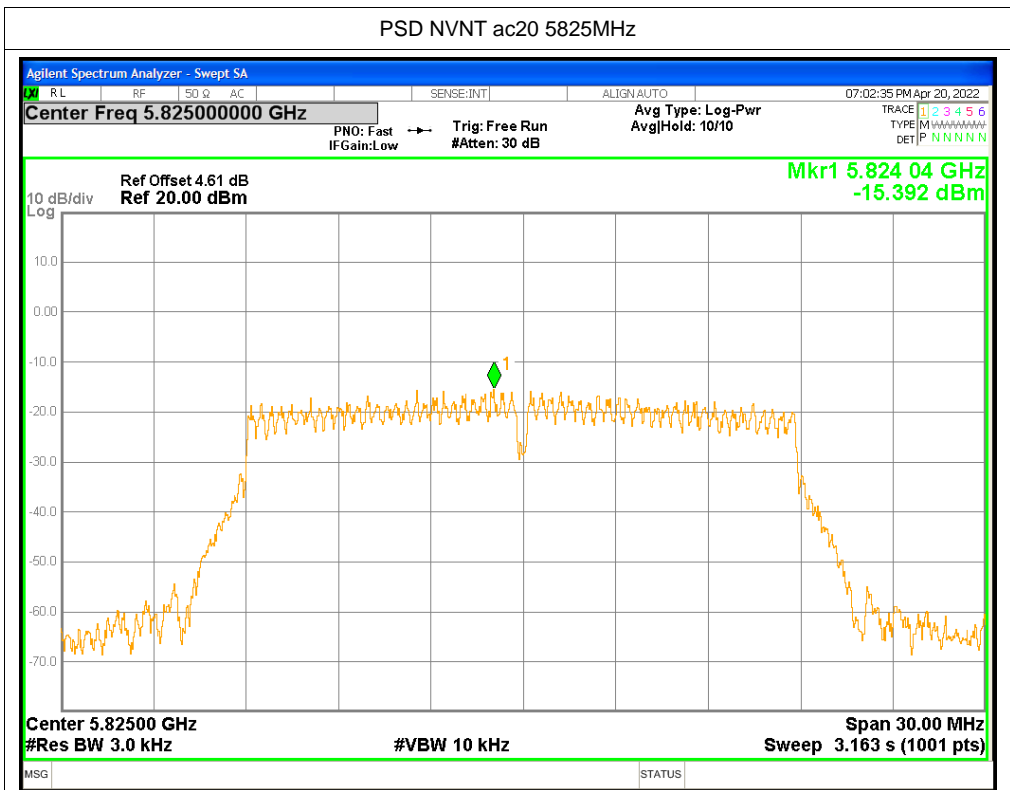
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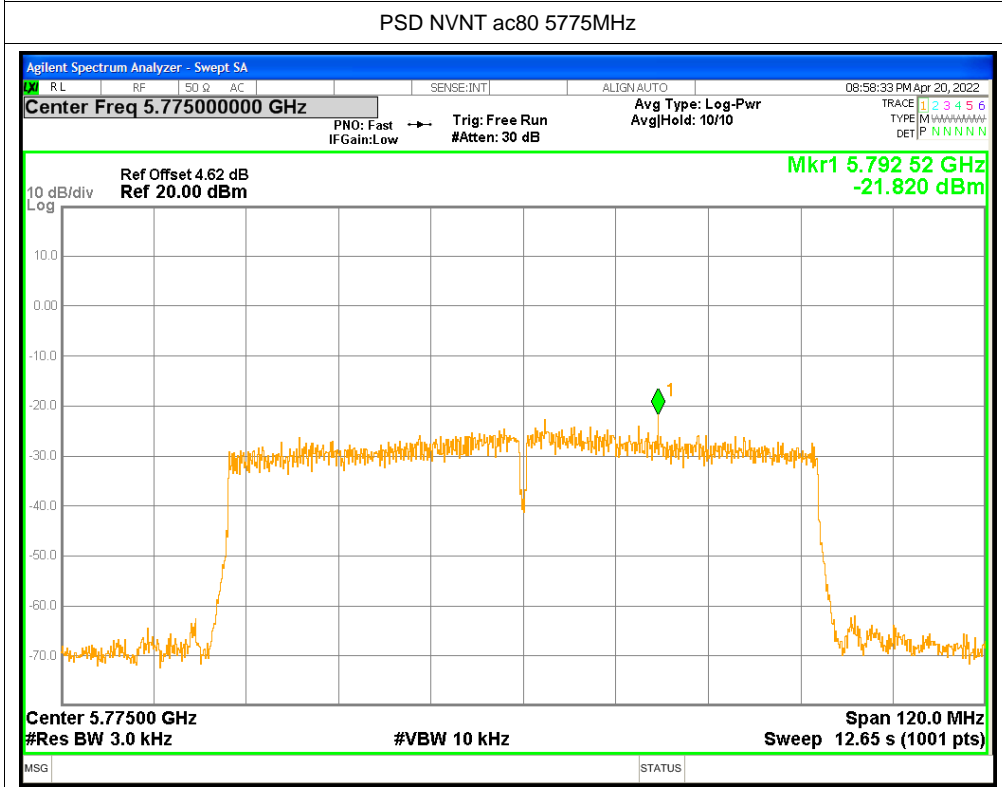
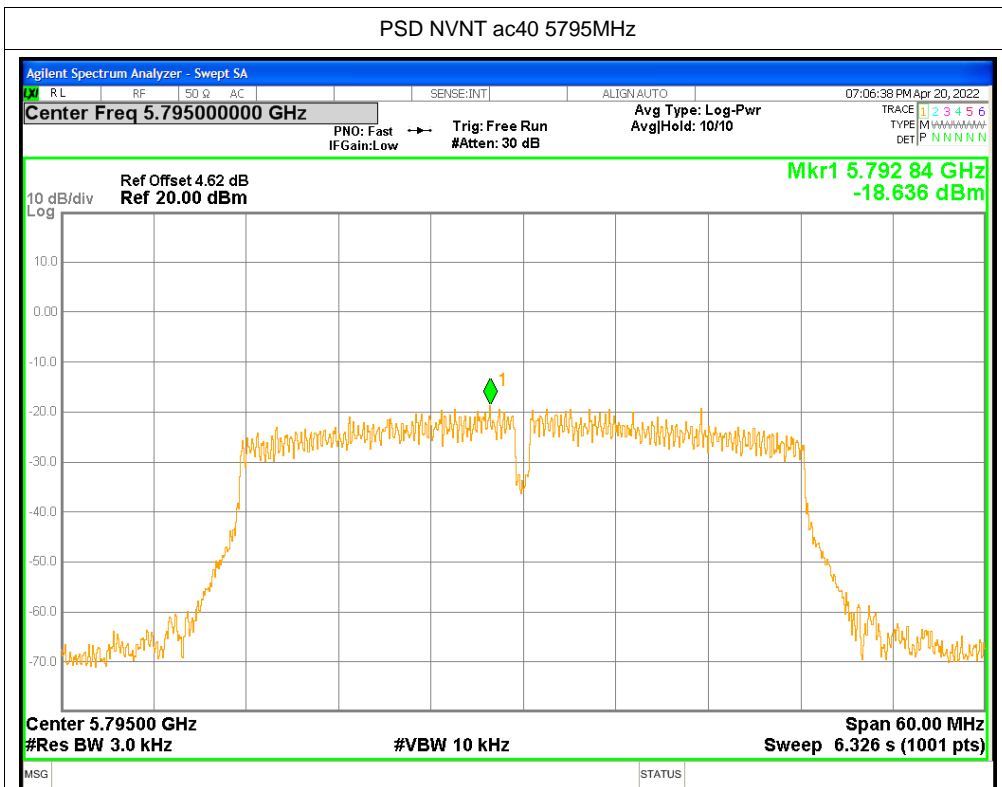


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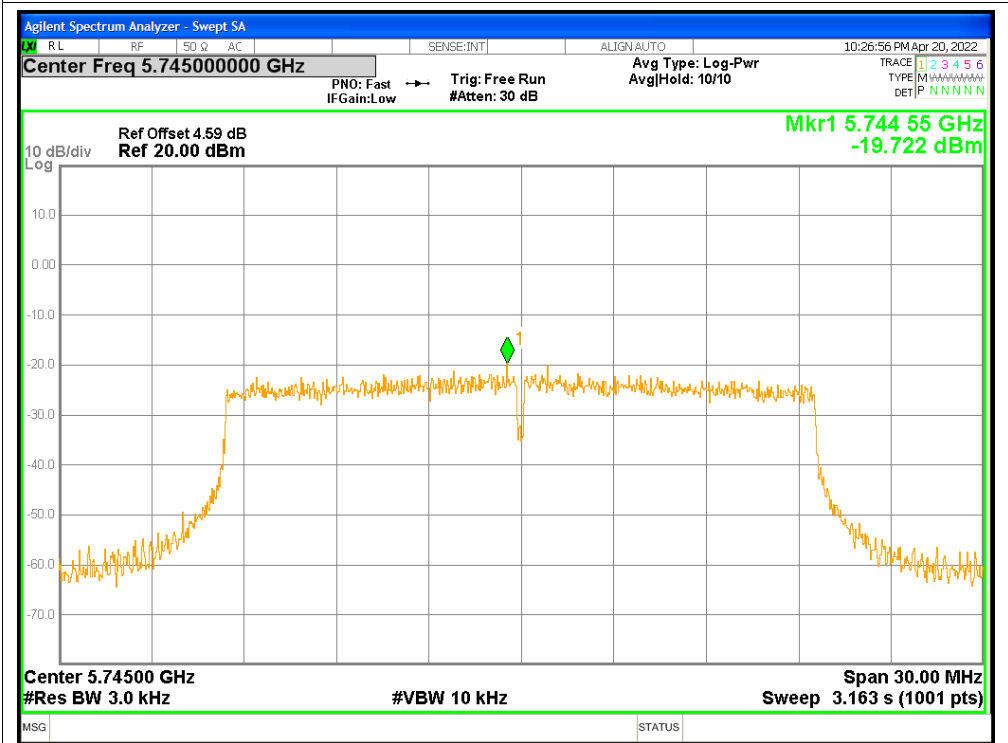




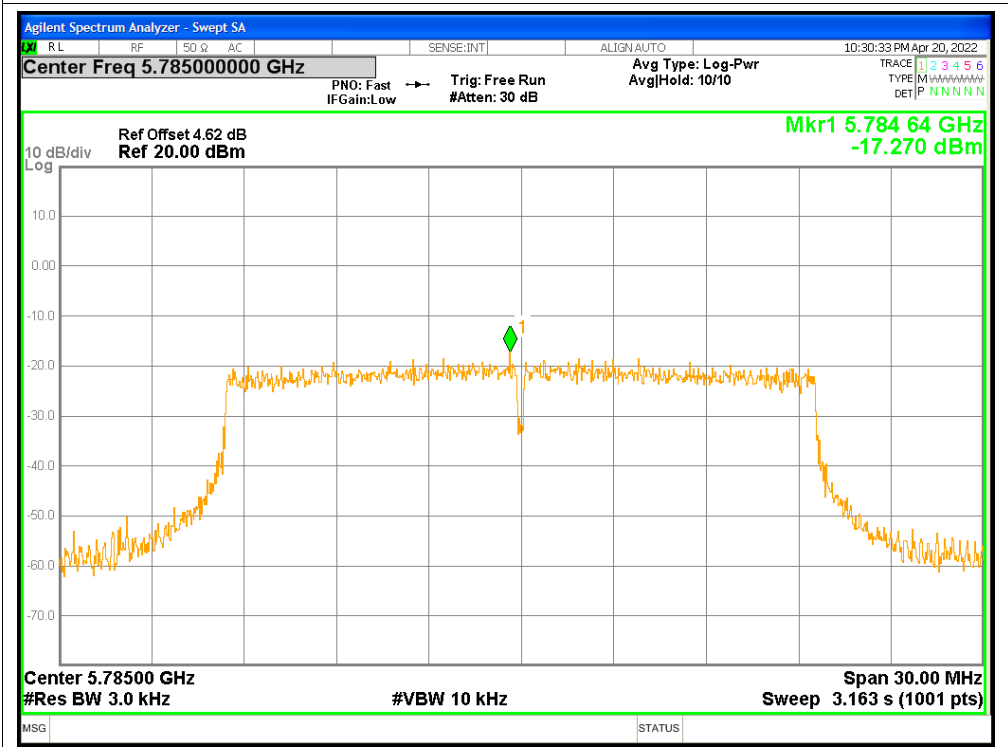




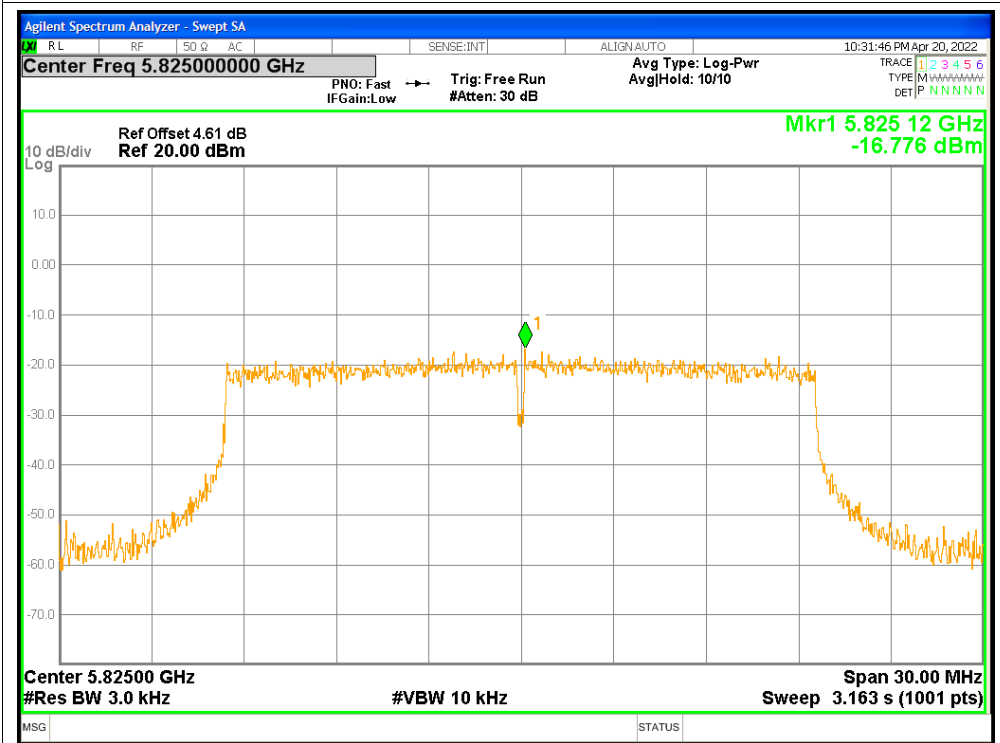
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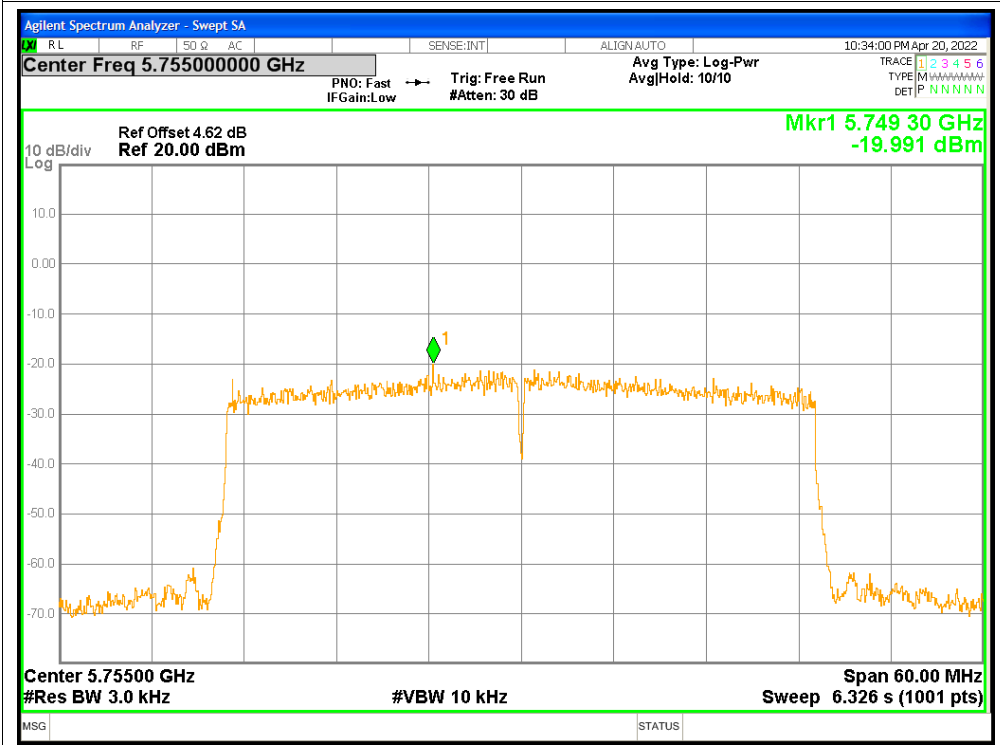
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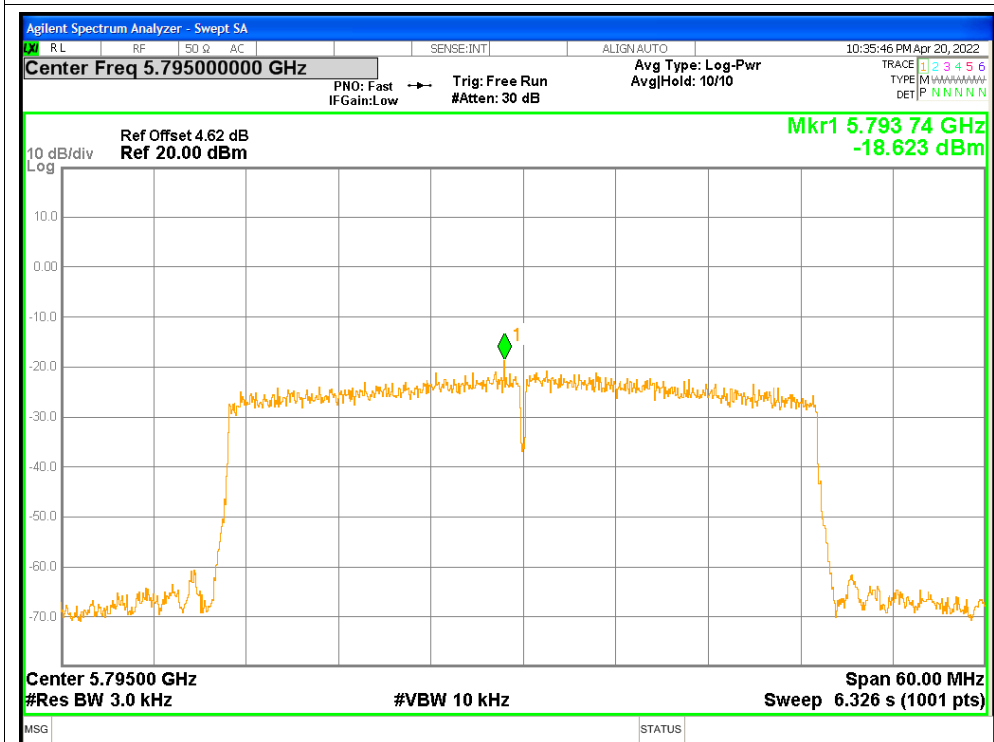
PSD NVNT ax20 5825MHz



PSD NVNT ax40 5755MHz



PSD NVNT ax40 5795MHz



PSD NVNT ax80 5775MHz

