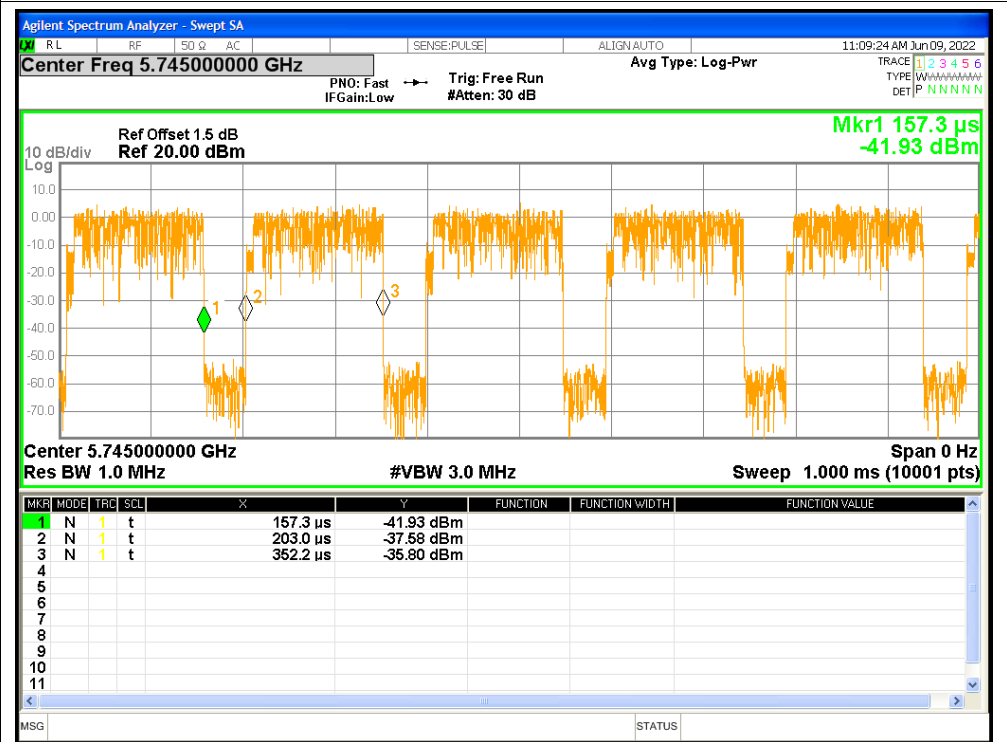


Duty Cycle

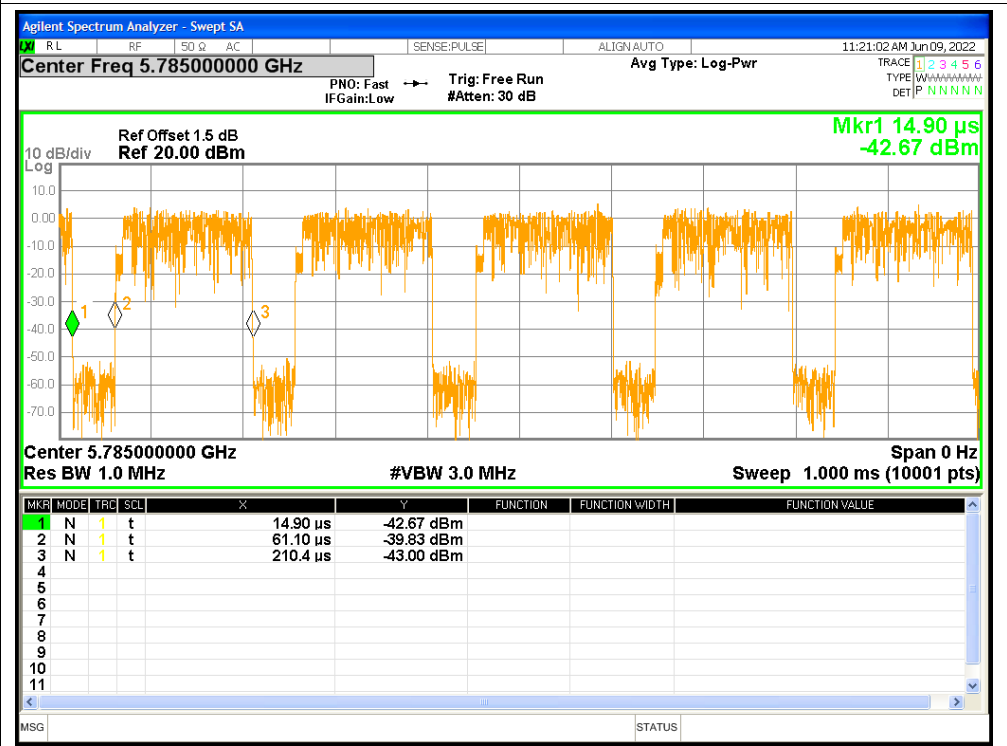
Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a	5745	76.55	1.16	6.7
NVNT	a	5785	76.37	1.17	6.7
NVNT	a	5825	76.56	1.16	6.7
NVNT	n20	5745	79.25	1.01	5.64
NVNT	n20	5785	79	1.02	5.64
NVNT	n20	5825	79.22	1.01	5.64
NVNT	n40	5755	79.48	1	5.52
NVNT	n40	5795	79.53	0.99	5.51
NVNT	ac20	5745	77.92	1.08	6.05
NVNT	ac20	5785	77.67	1.1	6.05
NVNT	ac20	5825	77.61	1.1	6.05
NVNT	ac40	5755	77.13	1.13	6.36
NVNT	ac40	5795	77.23	1.12	6.35
NVNT	ac80	5775	77.63	1.1	6.05
NVNT	ax20	5745	84.61	0.73	3.86
NVNT	ax20	5785	84.61	0.73	3.86
NVNT	ax20	5825	84.61	0.73	3.86
NVNT	ax40	5755	79.14	1.02	5.64
NVNT	ax40	5795	79.05	1.02	5.64
NVNT	ax80	5775	77.54	1.1	6.11

Test Graphs

Duty Cycle NVNT a 5745MHz



Duty Cycle NVNT a 5785MHz



Duty Cycle NVNT a 5825MHz

Duty Cycle NVNT n20 5785MHz

Duty Cycle NVNT n40 5755MHz

Duty Cycle NVNT ac20 5745MHz

Duty Cycle NVNT ac20 5825MHz

Duty Cycle NVNT ac40 5795MHz

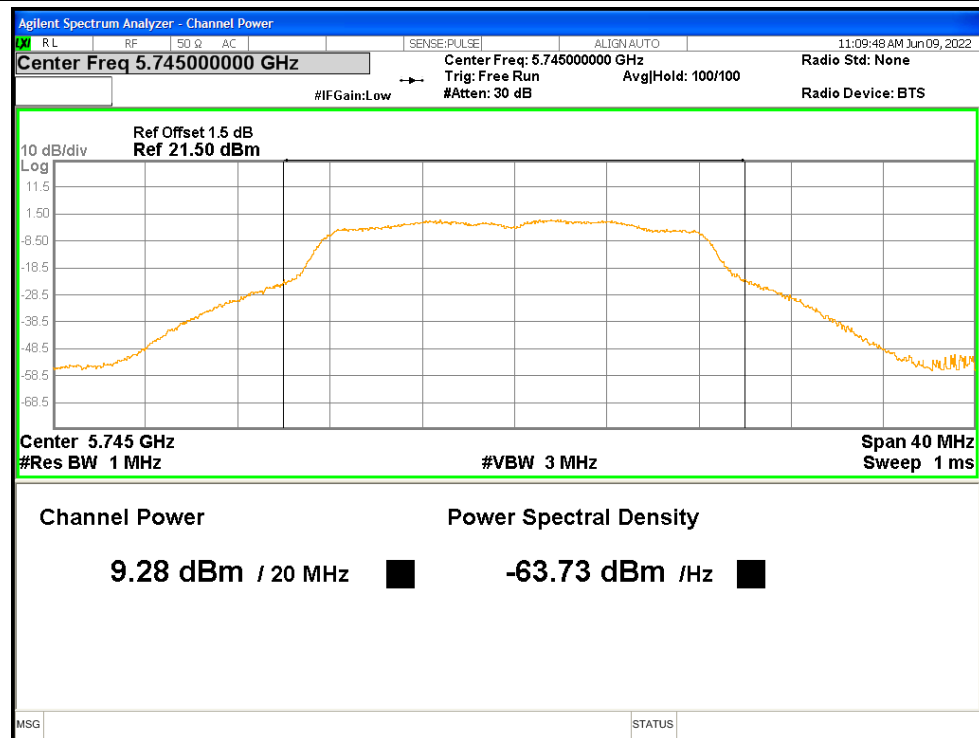
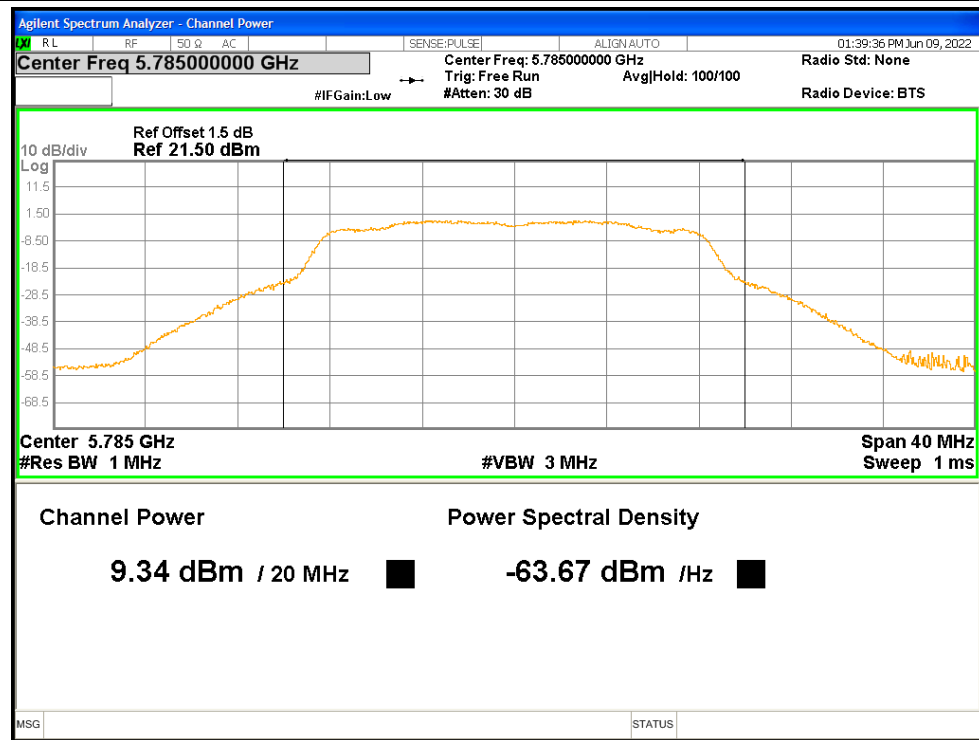
Duty Cycle NVNT ax20 5745MHz

Duty Cycle NVNT ax20 5825MHz

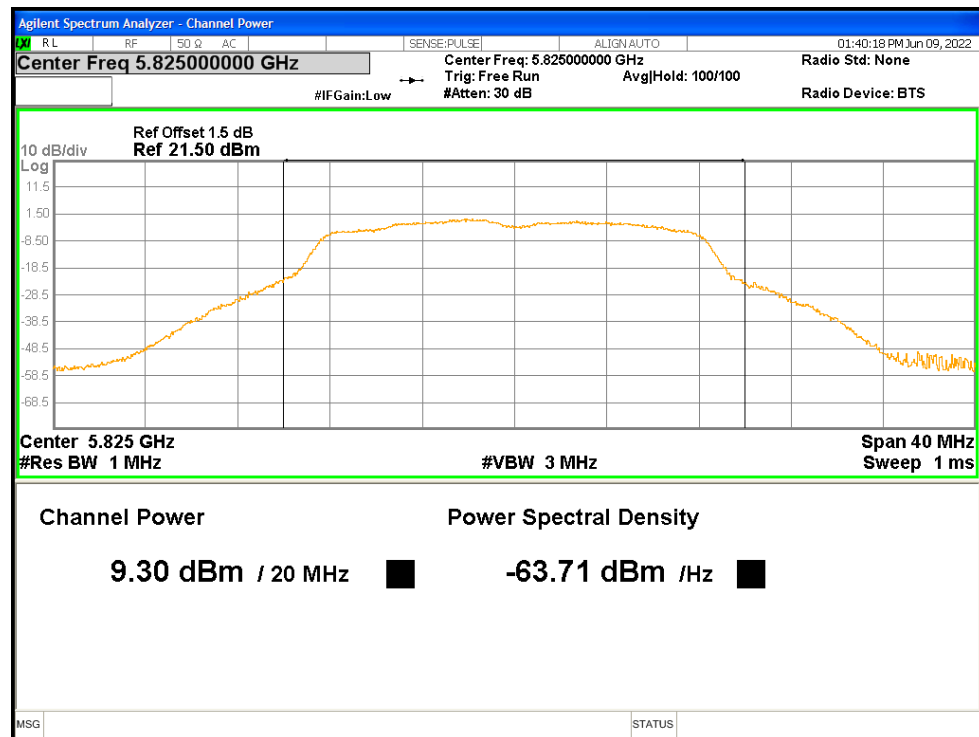
Duty Cycle NVNT ax40 5795MHz

Maximum Conducted Output Power

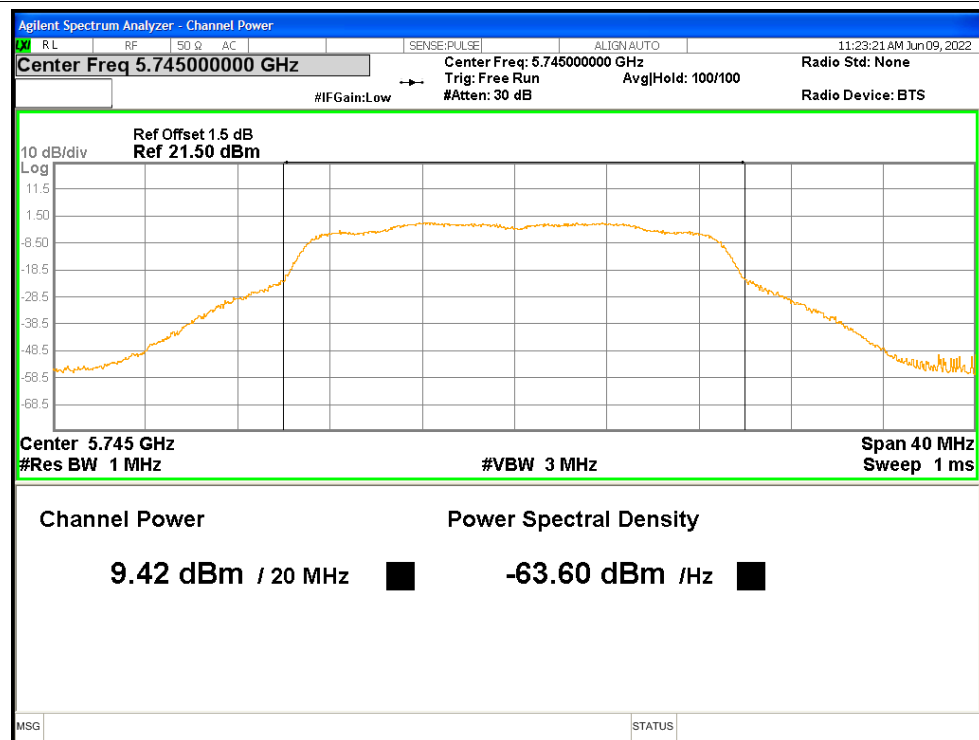
Band IV (5.725-5.85GHz)								
Test Channel	Frequency (MHz)	Direct measurement Ant_A AV Power (dBm)	Direct measurement Ant B_AV Power (dBm)	Duty cycle factor (dB)	Final Ant_A AV Power (dBm)	Final Ant_B AV Power (dBm)	AV Power Total (dBm)	LIMIT (dBm)
802.11a								
149	5745	9.28	9.28	1.16	10.44	10.44	--	30.00
157	5785	9.34	9.11	1.17	10.51	10.28	--	30.00
165	5825	9.3	9	1.16	10.46	10.16	--	30.00
802.11n(HT20)								
149	5745	9.42	9.32	1.01	10.43	10.33	13.391	30.00
157	5785	9.36	9.19	1.02	10.38	10.21	13.306	30.00
165	5825	9.34	9.14	1.01	10.35	10.15	13.261	30.00
802.11n(HT40)								
151	5755	9.82	9.66	1	10.82	10.66	13.751	30.00
159	5795	9.69	9.61	0.99	10.68	10.60	13.650	30.00
802.11ac(VHT20)								
149	5745	9.38	9.35	1.08	10.46	10.43	13.455	30.00
157	5785	9.34	9.18	1.1	10.44	10.28	13.371	30.00
165	5825	9.34	8.99	1.1	10.44	10.09	13.279	30.00
802.11ac(VHT40)								
151	5755	9.6	9.55	1.13	10.73	10.68	13.715	30.00
159	5795	9.54	9.33	1.12	10.66	10.45	13.567	30.00
802.11ac(VHT80)								
155	5775	9.57	9.3	1.1	10.67	10.40	13.547	30.00
802.11ax(HE20)								
149	5745	10.14	9.72	0.73	10.87	10.45	13.675	30.00
157	5785	9.88	9.79	0.73	10.61	10.52	13.576	30.00
165	5825	9.75	9.73	0.73	10.48	10.46	13.480	30.00
802.11ax(HE40)								
151	5755	9.7	9.39	1.02	10.72	10.41	13.578	30.00
159	5795	9.5	9.39	1.02	10.52	10.41	13.476	30.00
802.11ax(HE80)								
155	5775	9.31	9.02	1.1	10.41	10.12	13.278	30.00

ANT_A**Test Graphs****Power NVNT a 5745MHz****Power NVNT a 5785MHz**

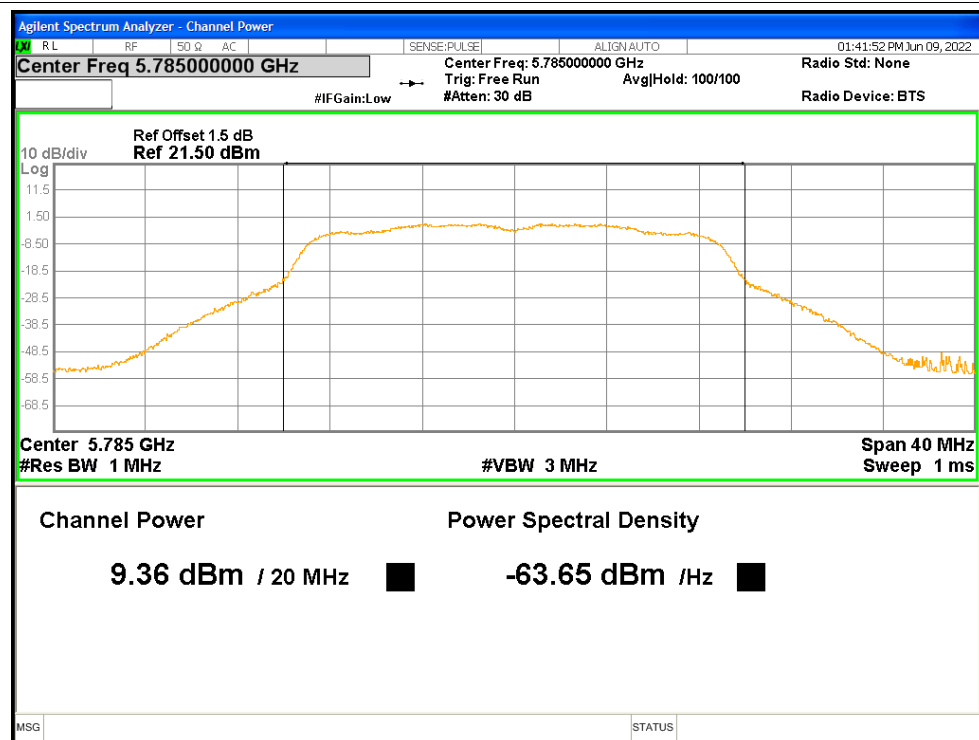
Power NVNT a 5825MHz



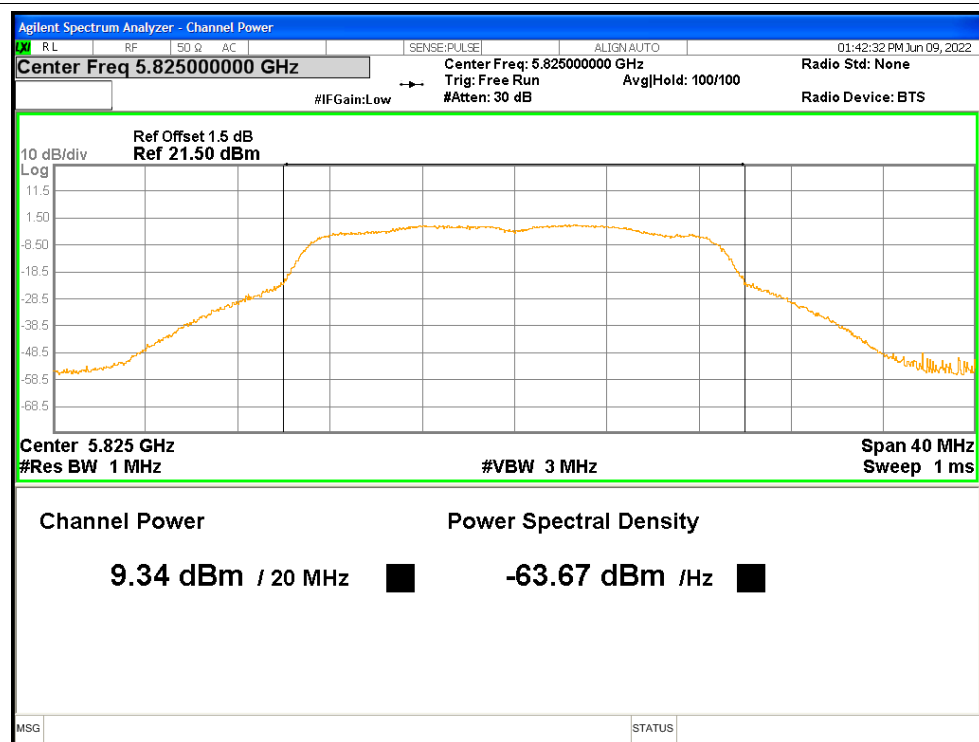
Power NVNT n20 5745MHz



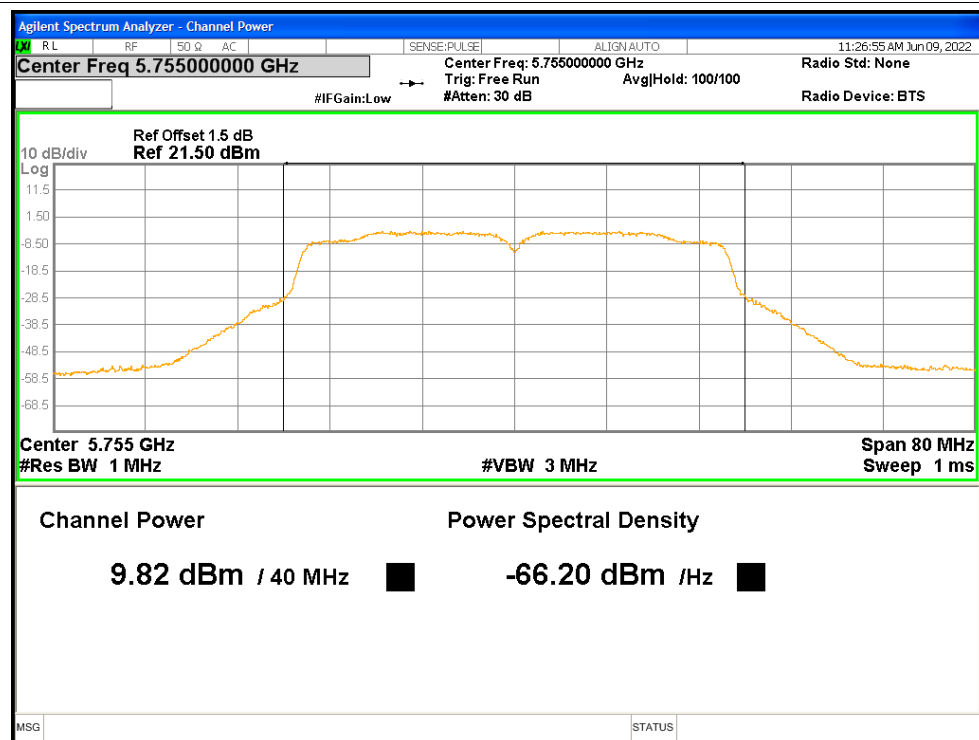
Power NVNT n20 5785MHz



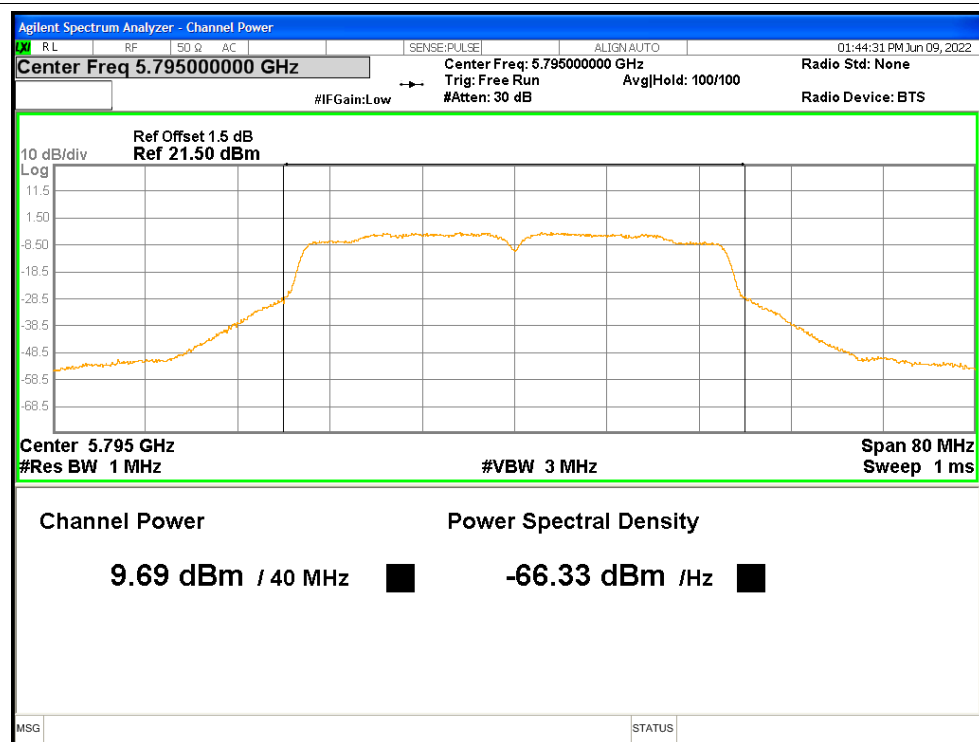
Power NVNT n20 5825MHz



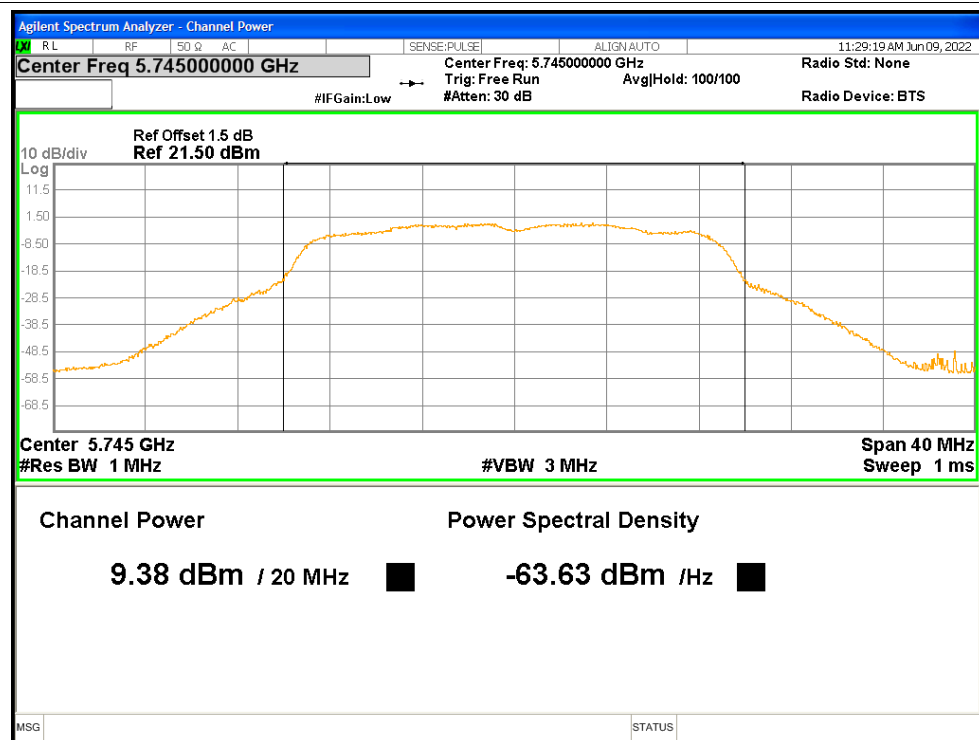
Power NVNT n40 5755MHz



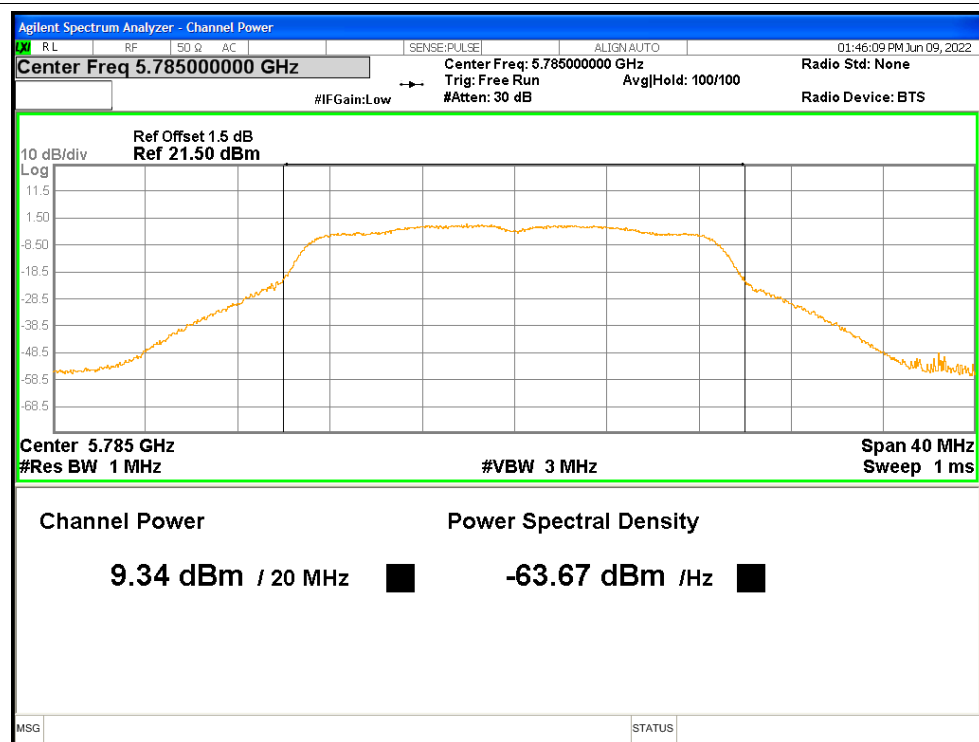
Power NVNT n40 5795MHz



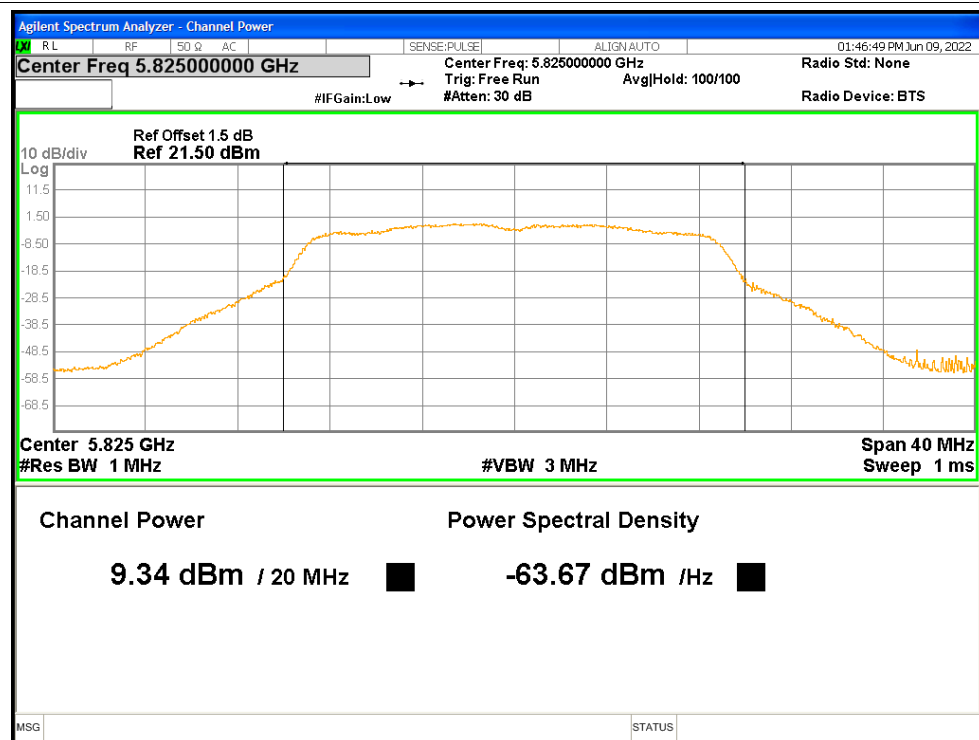
Power NVNT ac20 5745MHz



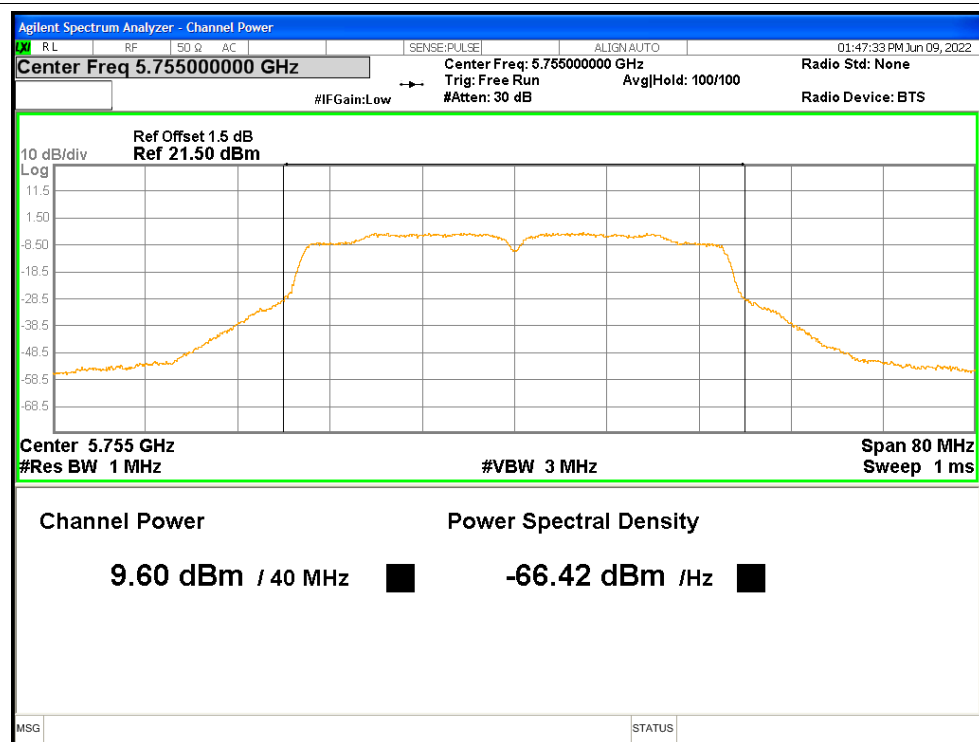
Power NVNT ac20 5785MHz



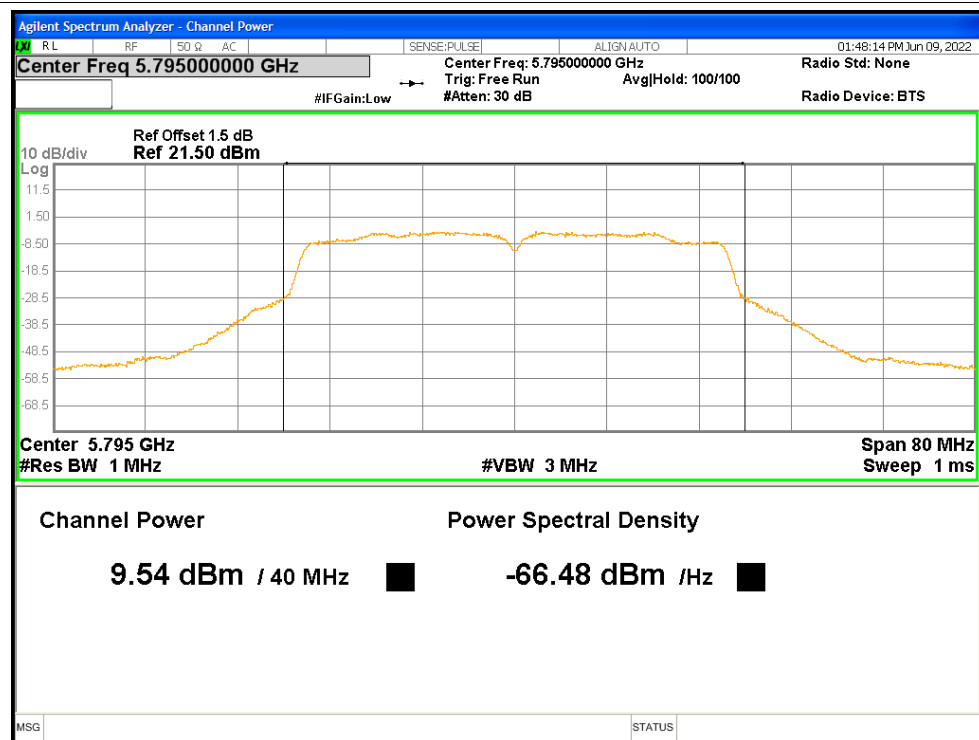
Power NVNT ac20 5825MHz



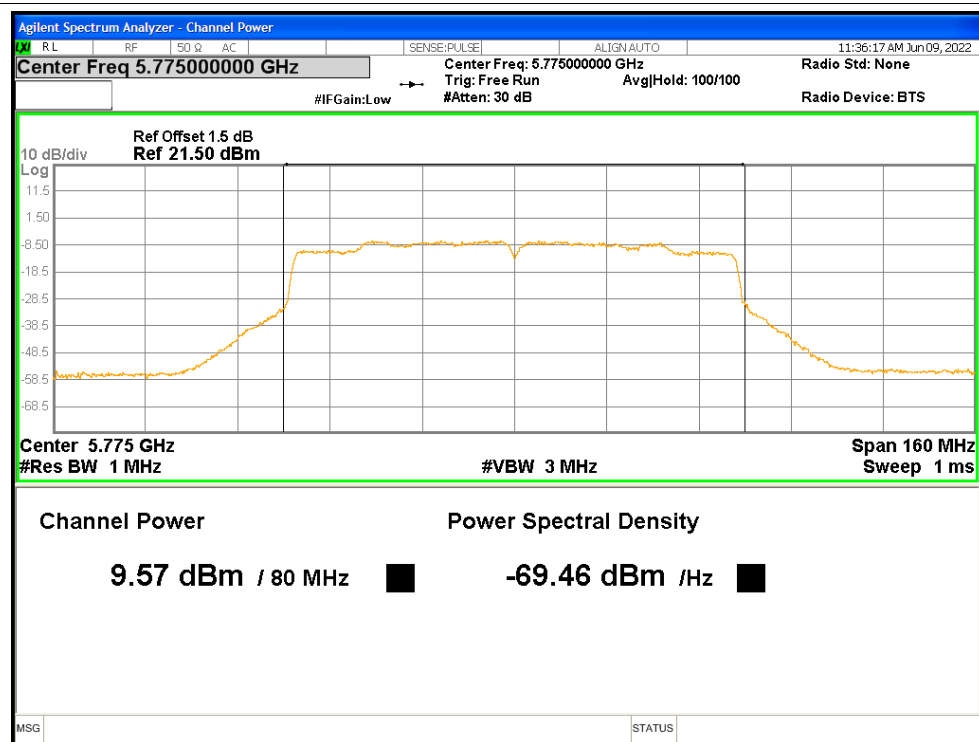
Power NVNT ac40 5755MHz



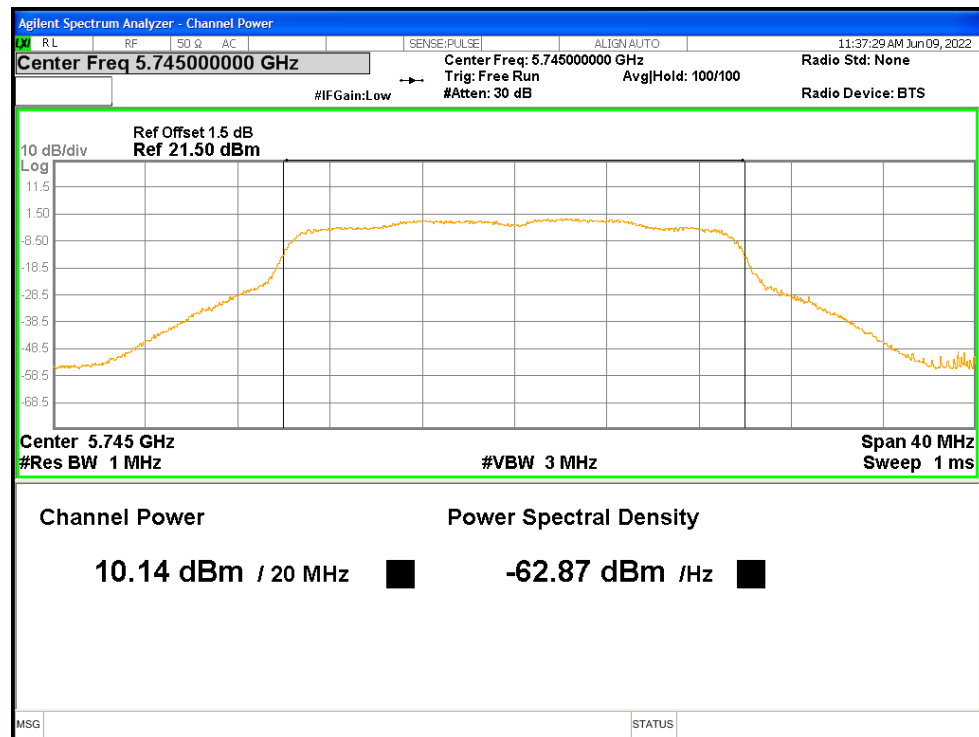
Power NVNT ac40 5795MHz



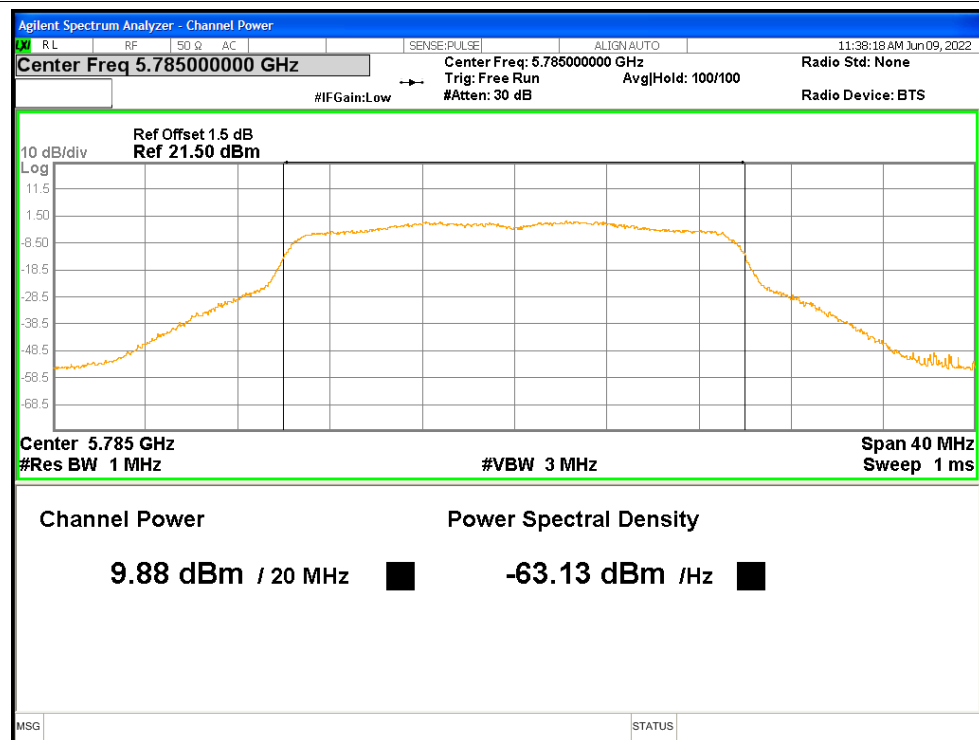
Power NVNT ac80 5775MHz



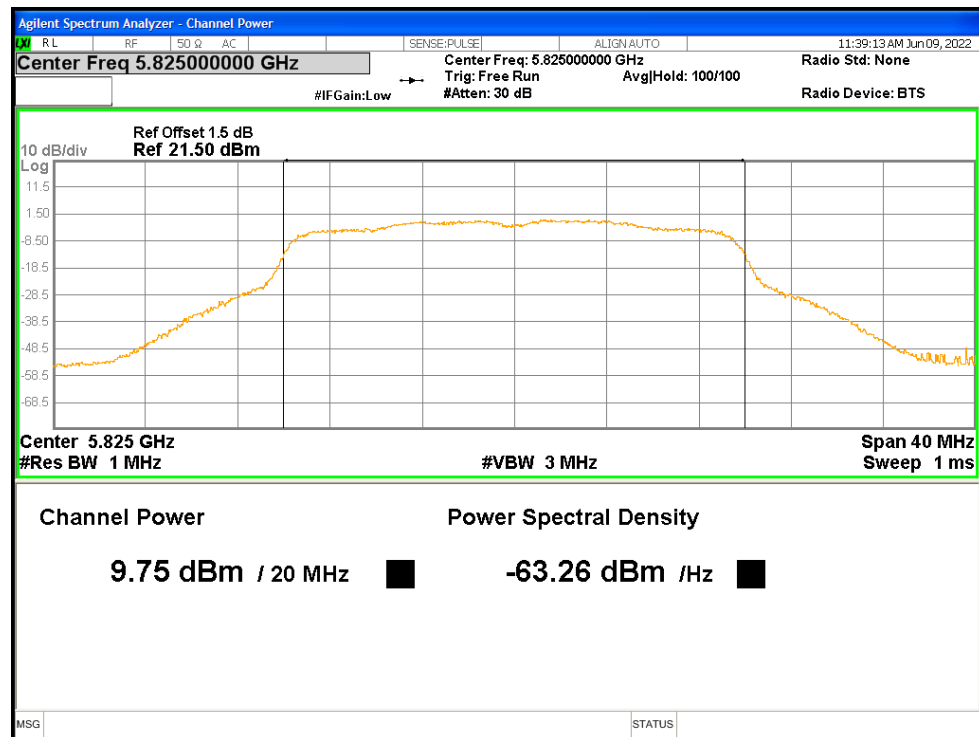
Power NVNT ax20 5745MHz



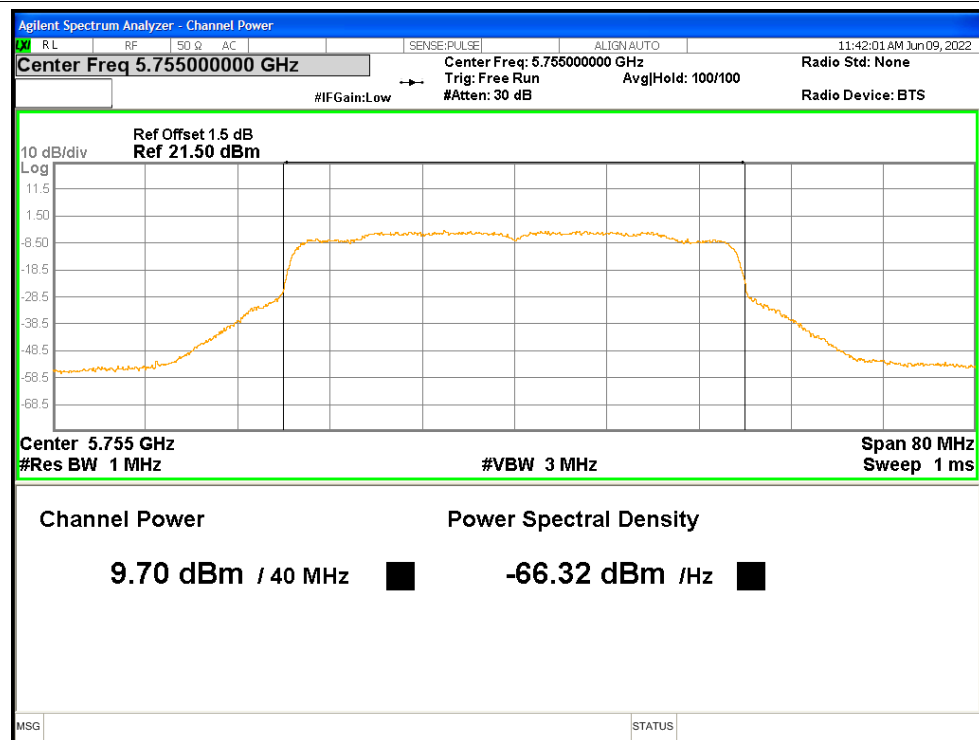
Power NVNT ax20 5785MHz



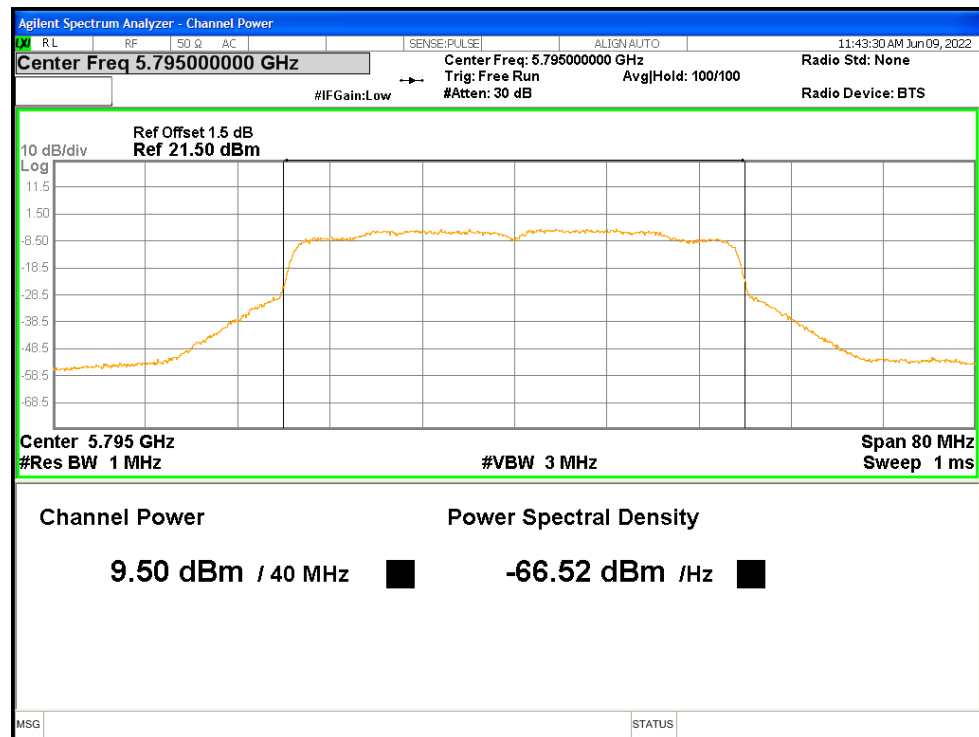
Power NVNT ax20 5825MHz



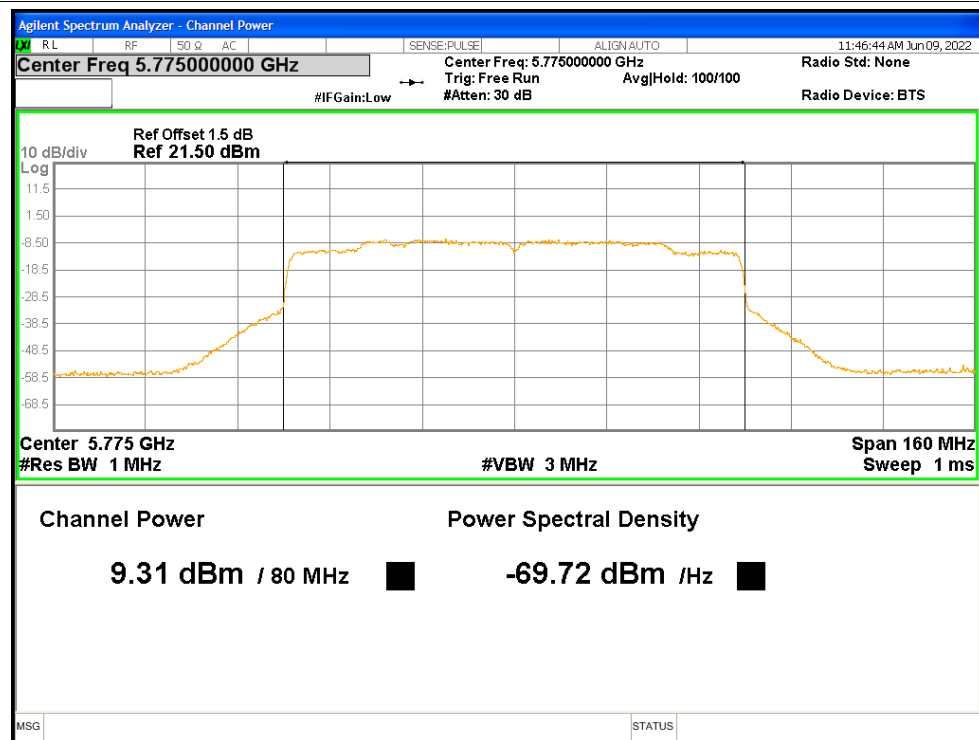
Power NVNT ax40 5755MHz

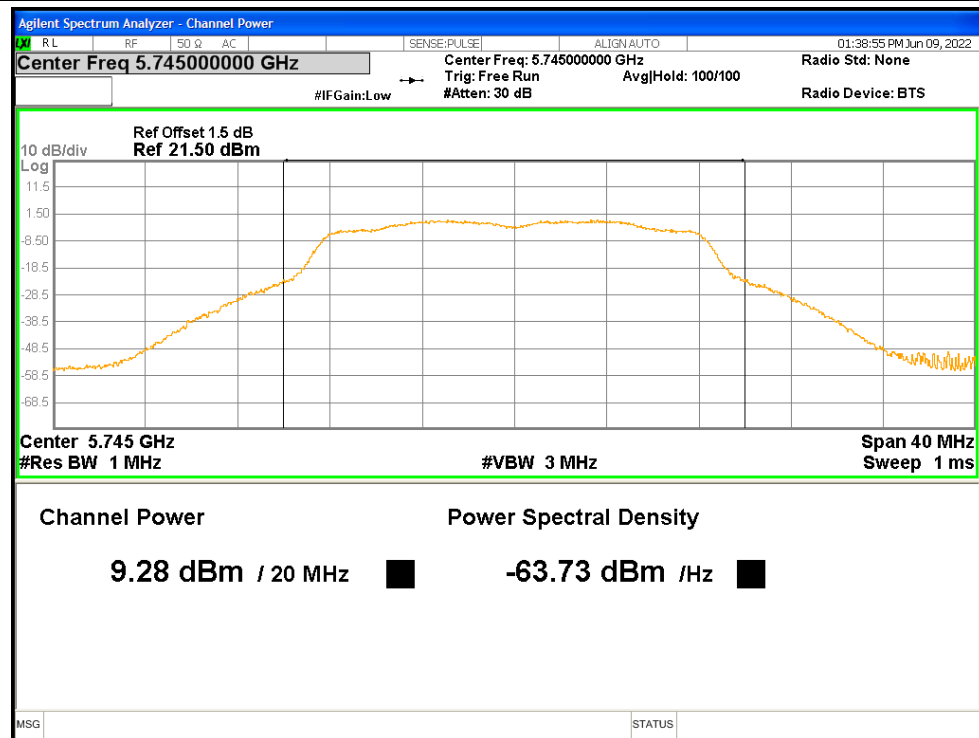
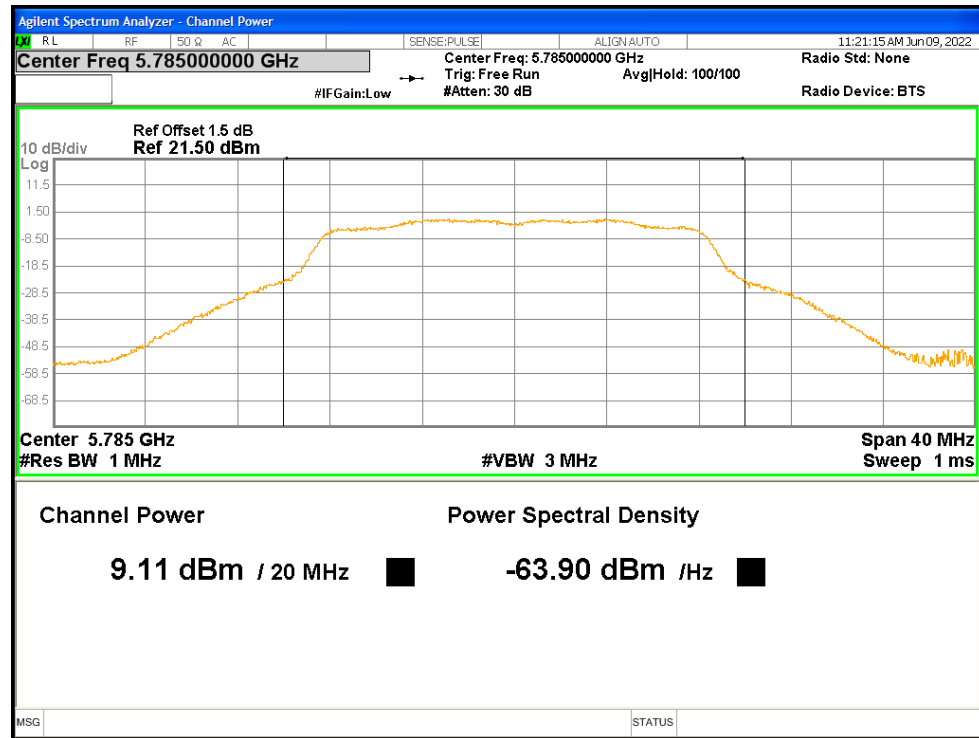


Power NVNT ax40 5795MHz

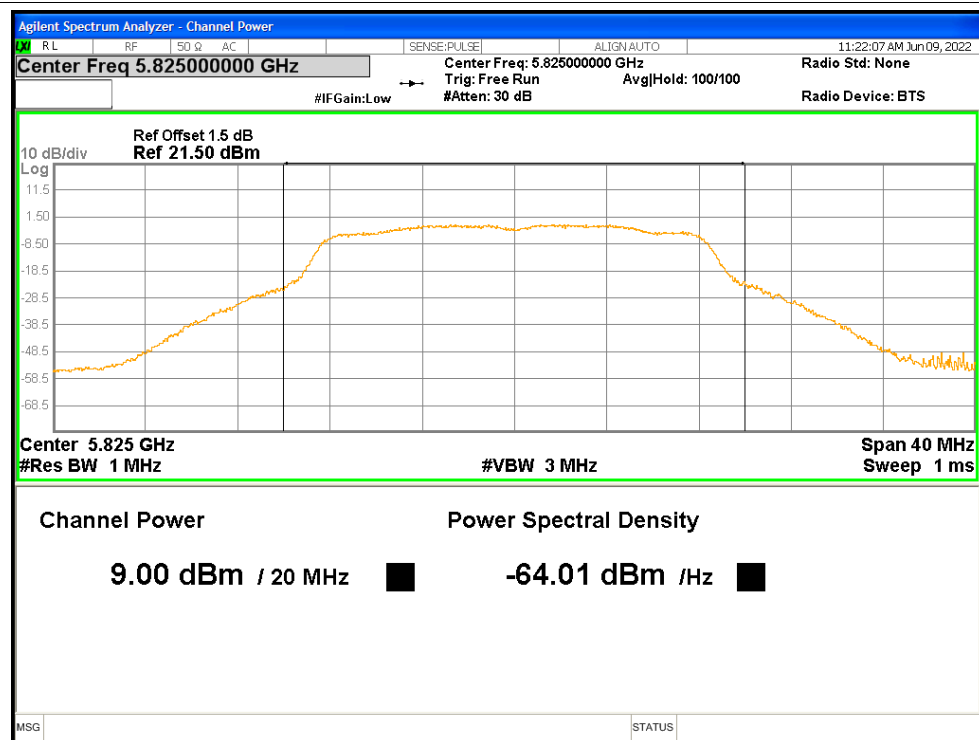


Power NVNT ax80 5775MHz

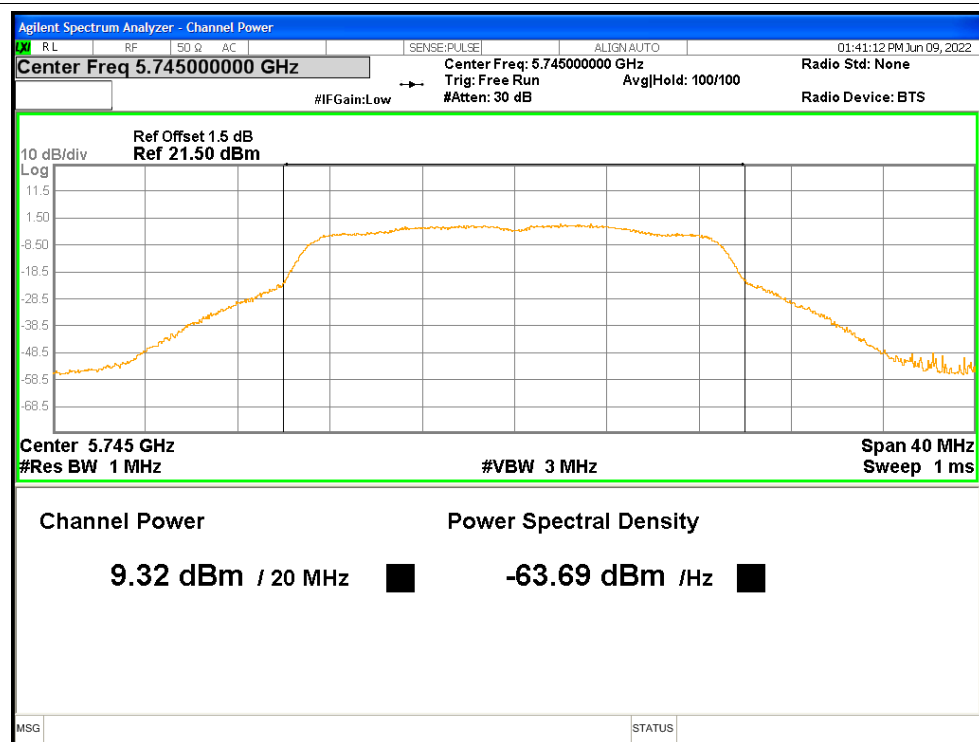


ANT_B**Test Graphs****Power NVNT a 5745MHz****Power NVNT a 5785MHz**

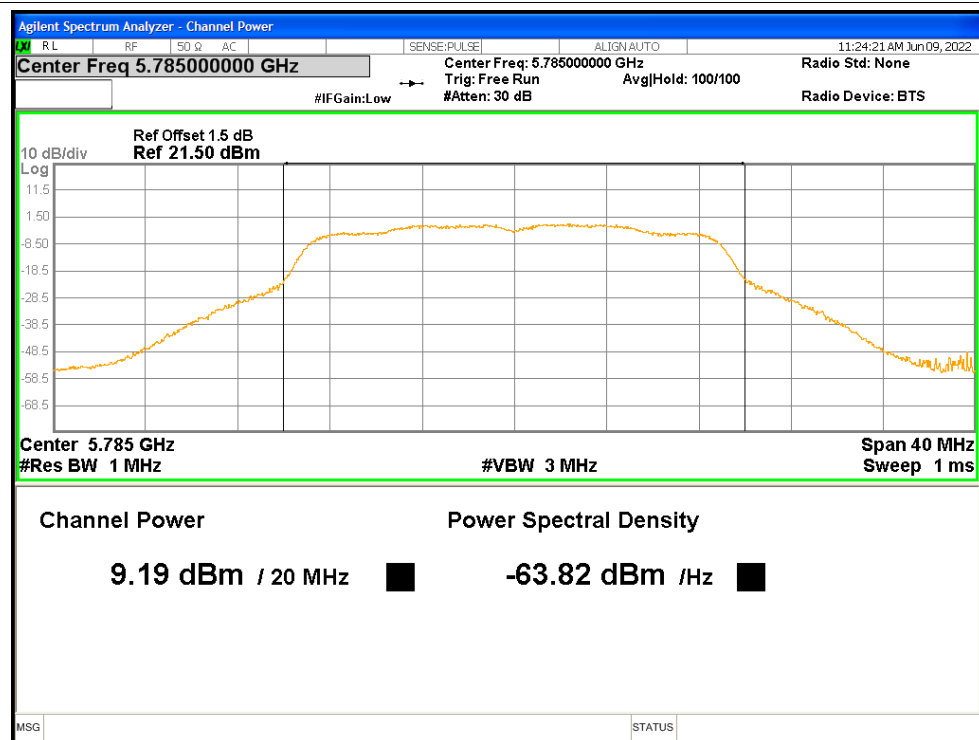
Power NVNT a 5825MHz



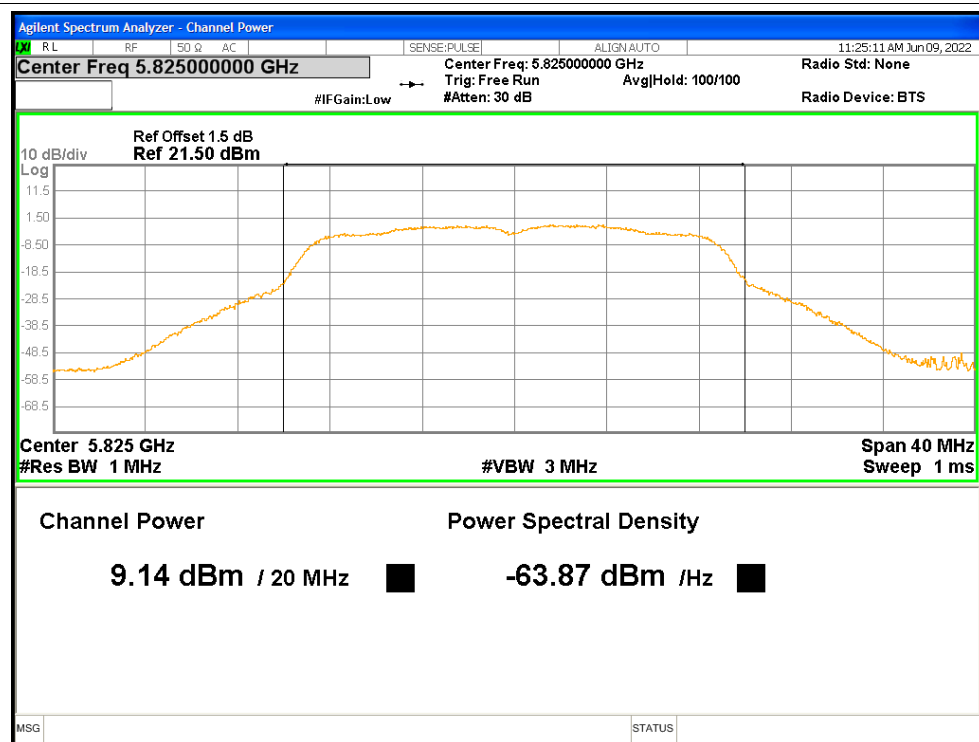
Power NVNT n20 5745MHz



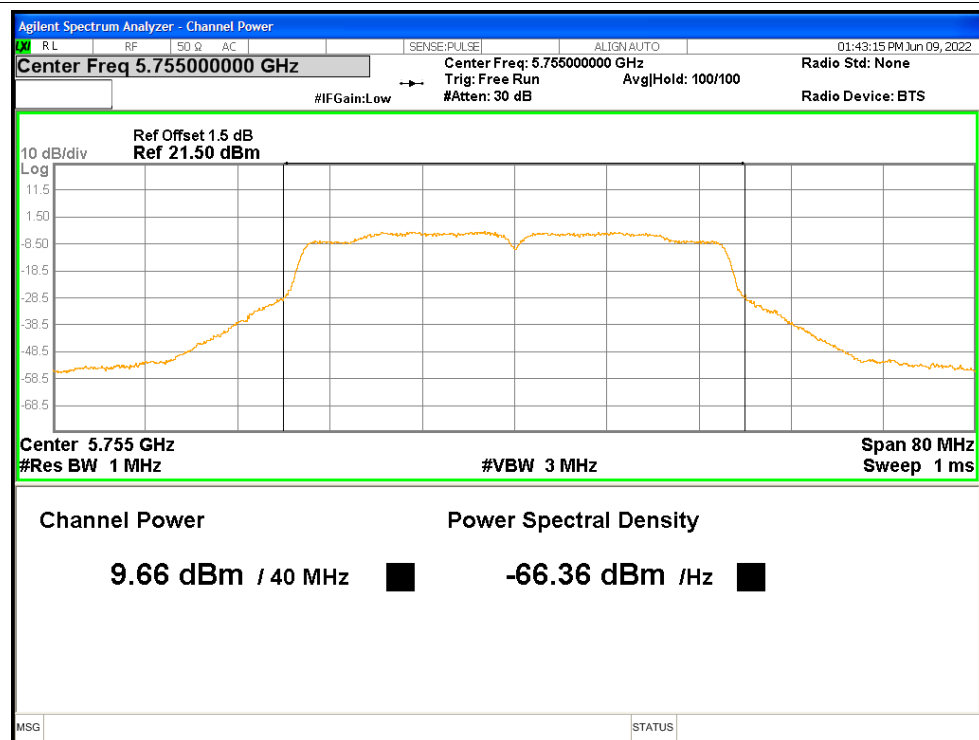
Power NVNT n20 5785MHz



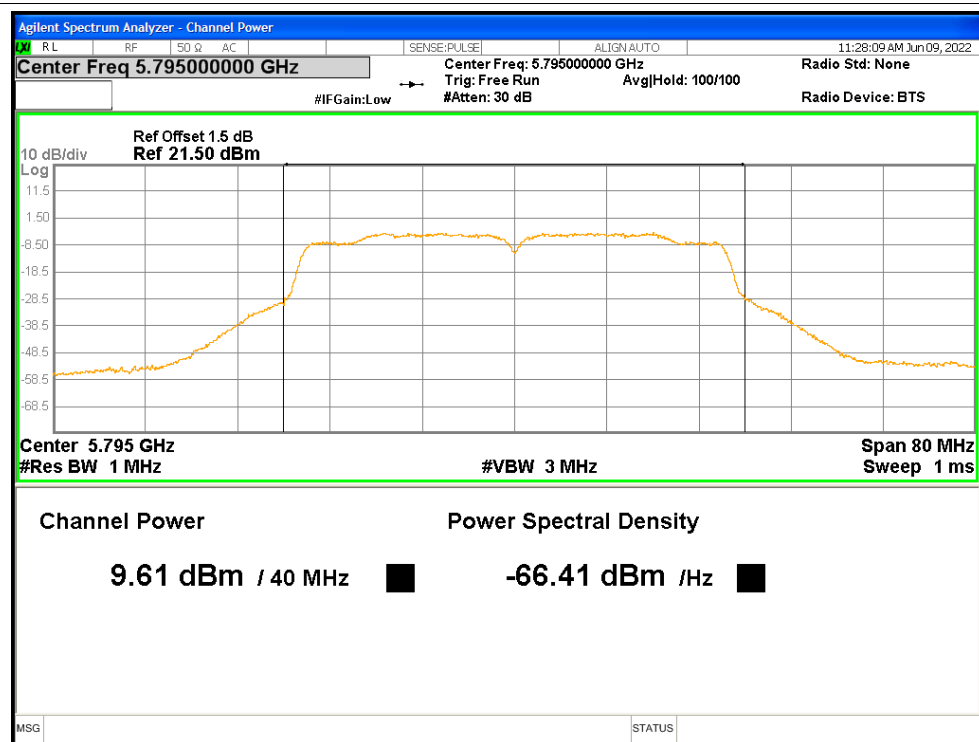
Power NVNT n20 5825MHz



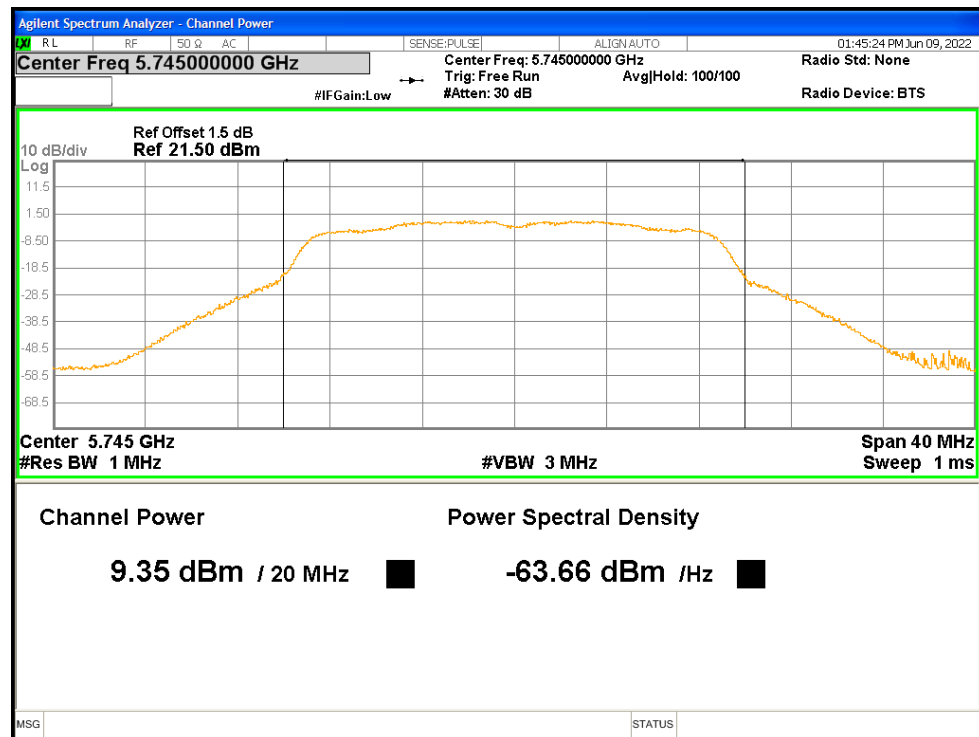
Power NVNT n40 5755MHz



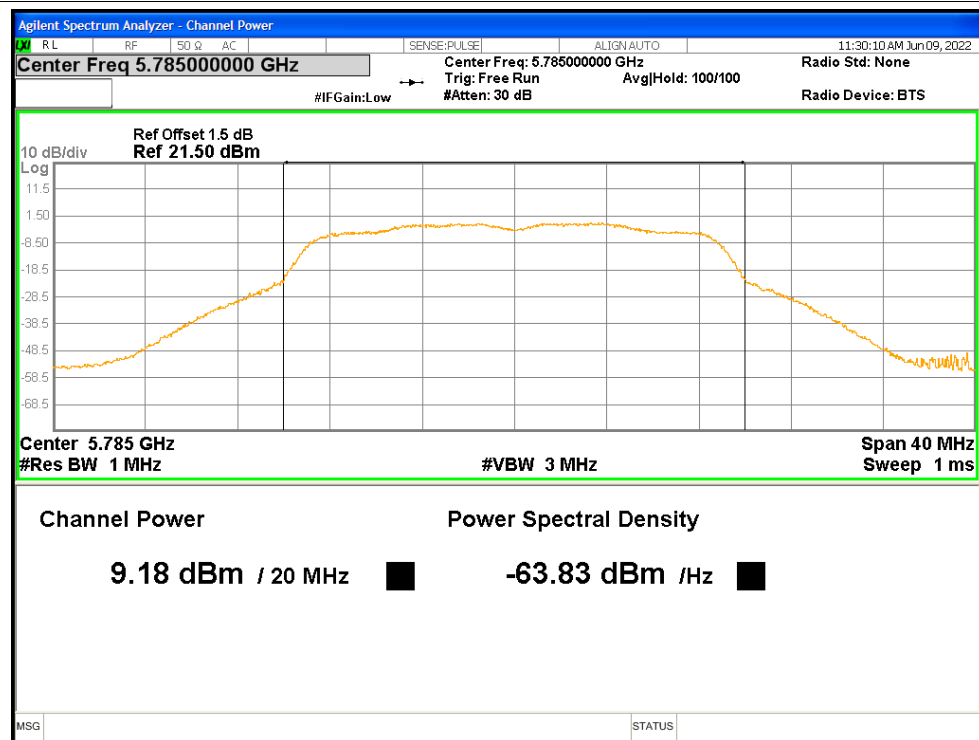
Power NVNT n40 5795MHz



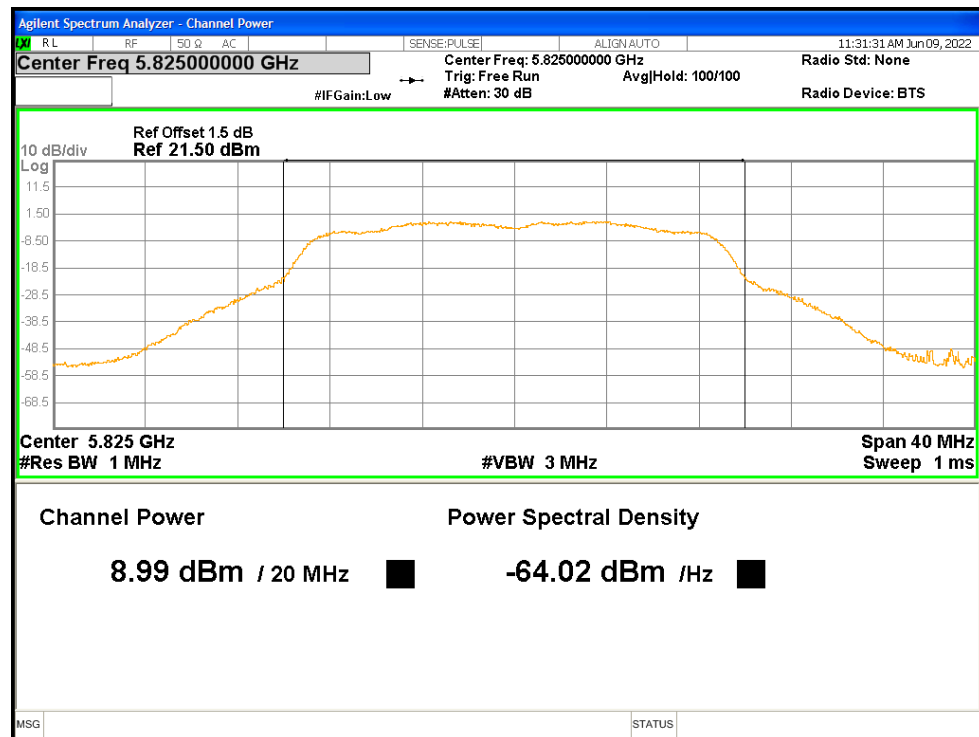
Power NVNT ac20 5745MHz



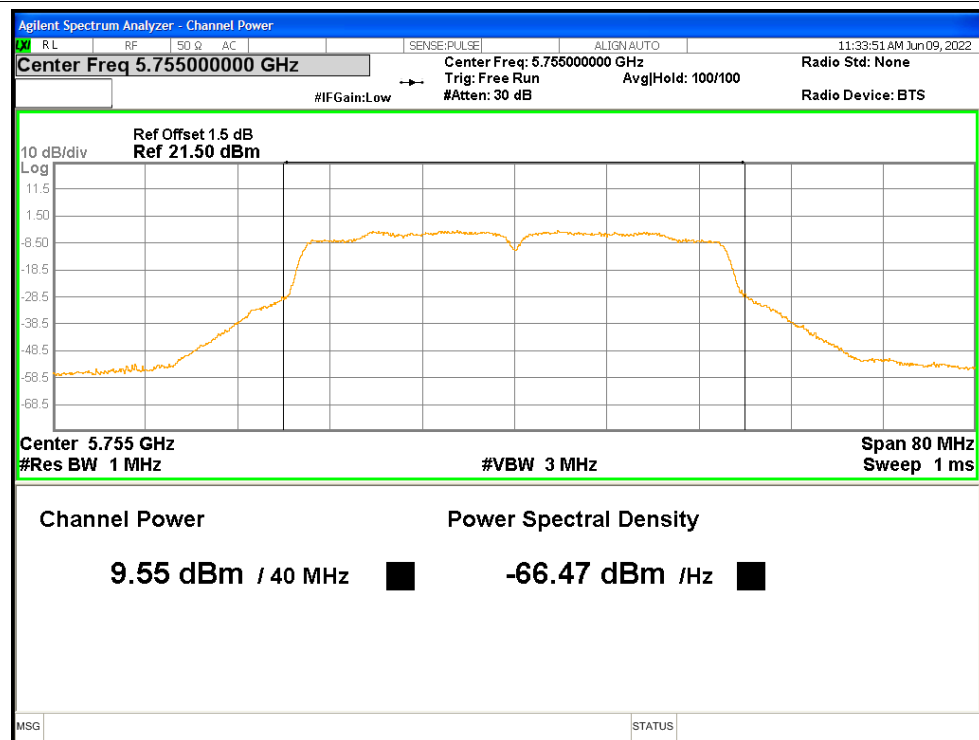
Power NVNT ac20 5785MHz



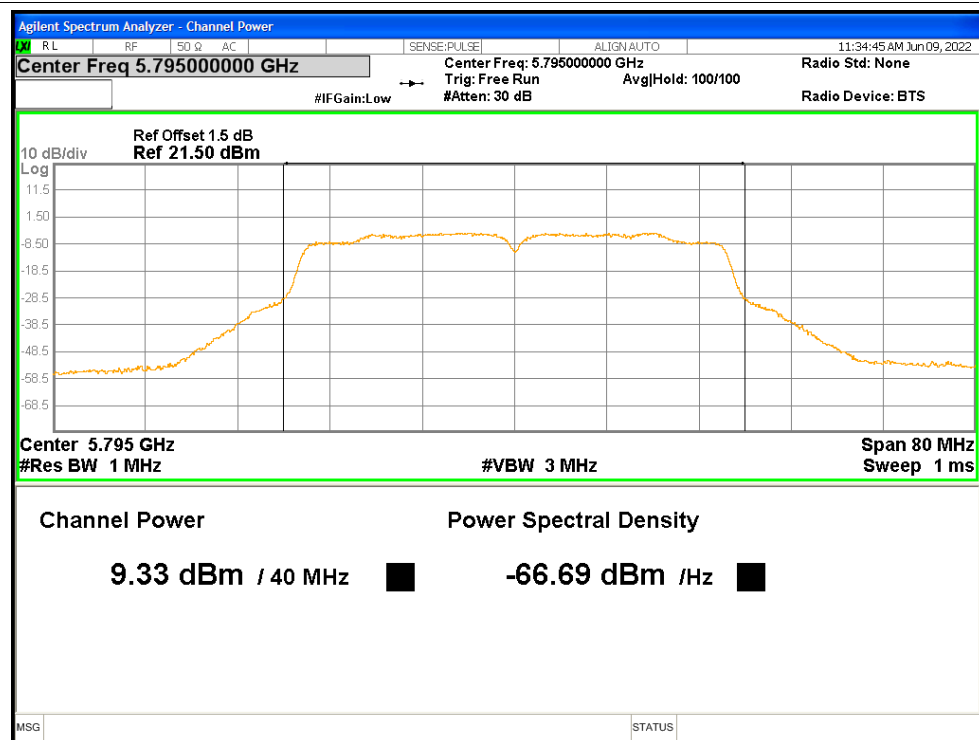
Power NVNT ac20 5825MHz



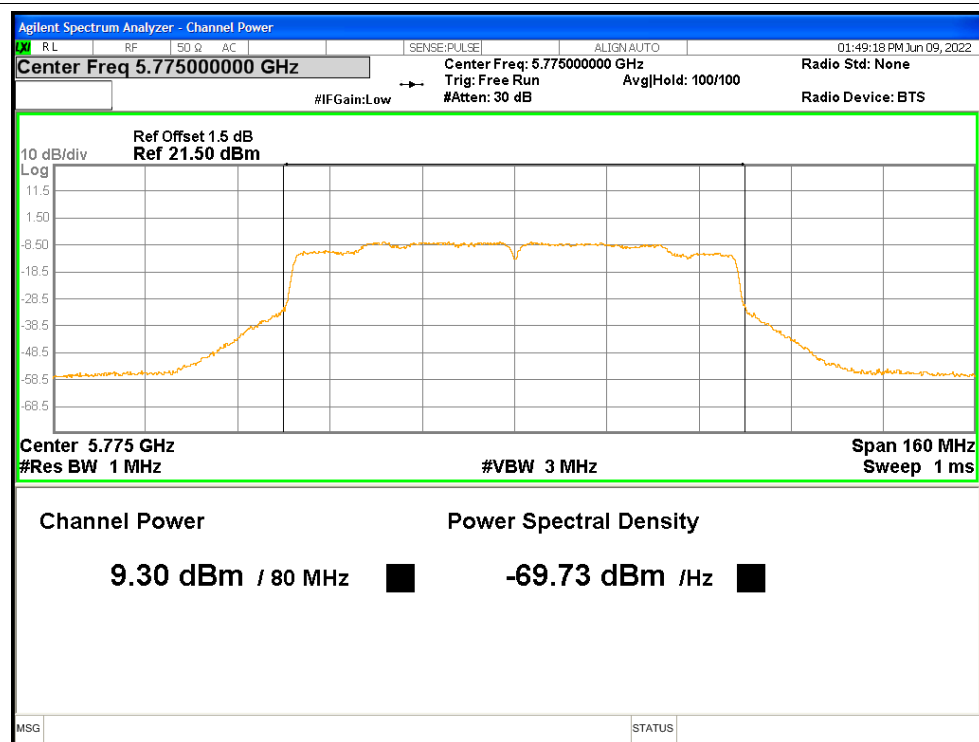
Power NVNT ac40 5755MHz



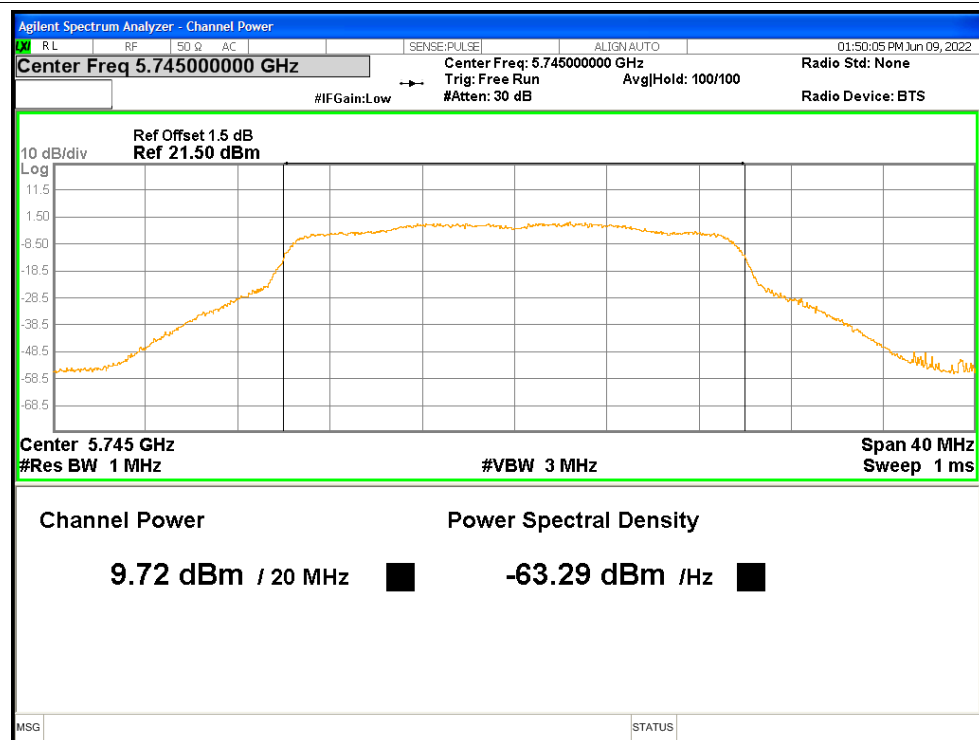
Power NVNT ac40 5795MHz



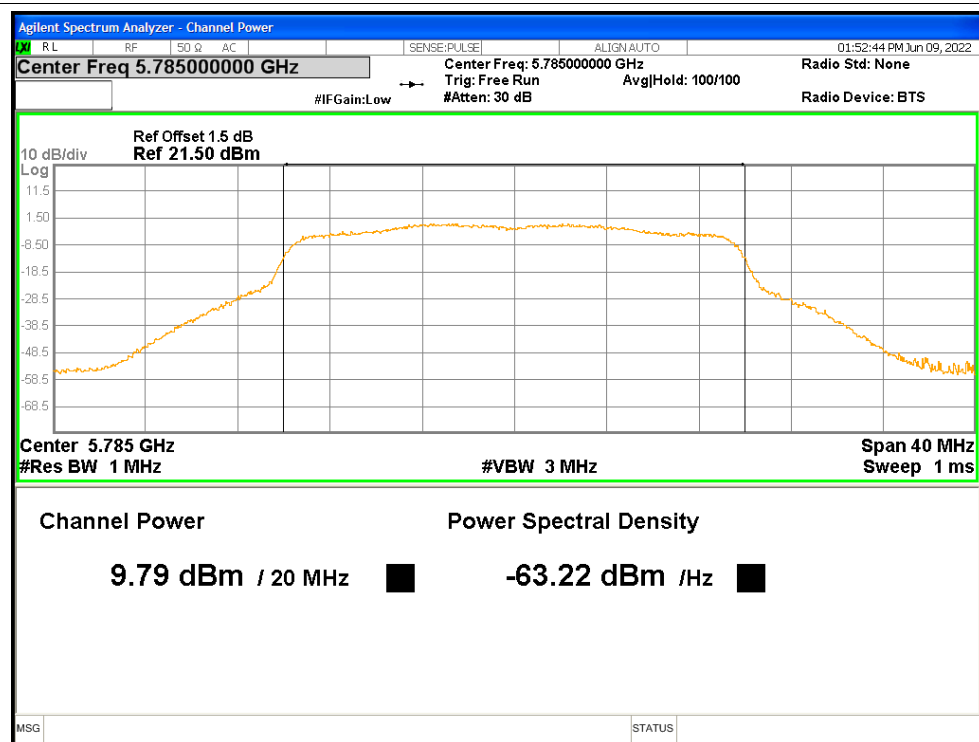
Power NVNT ac80 5775MHz



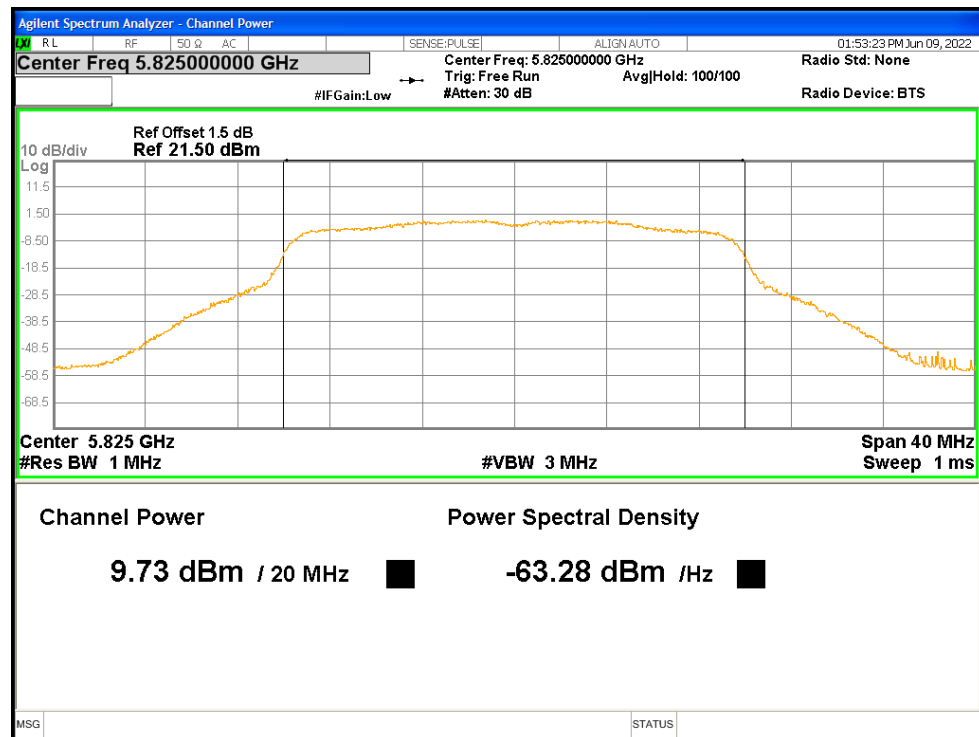
Power NVNT ax20 5745MHz



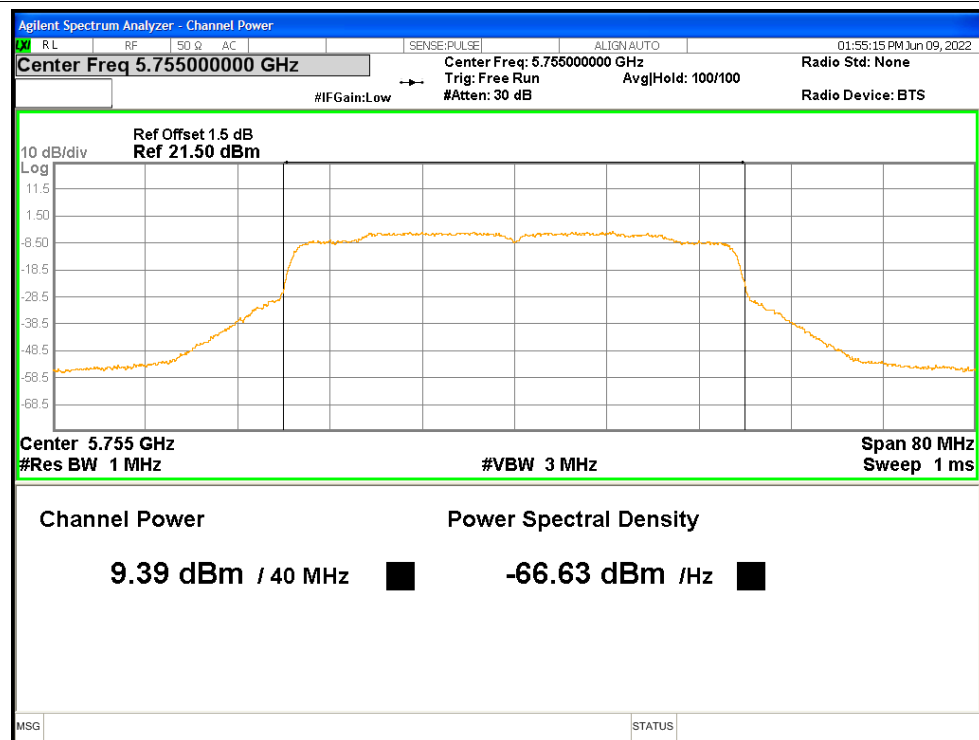
Power NVNT ax20 5785MHz



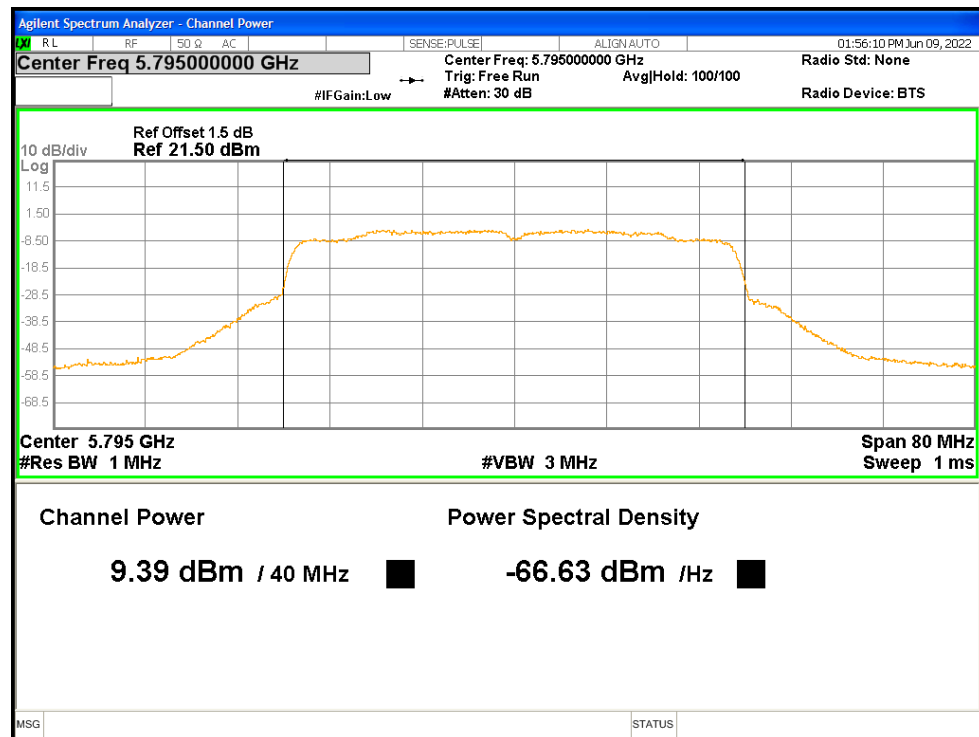
Power NVNT ax20 5825MHz



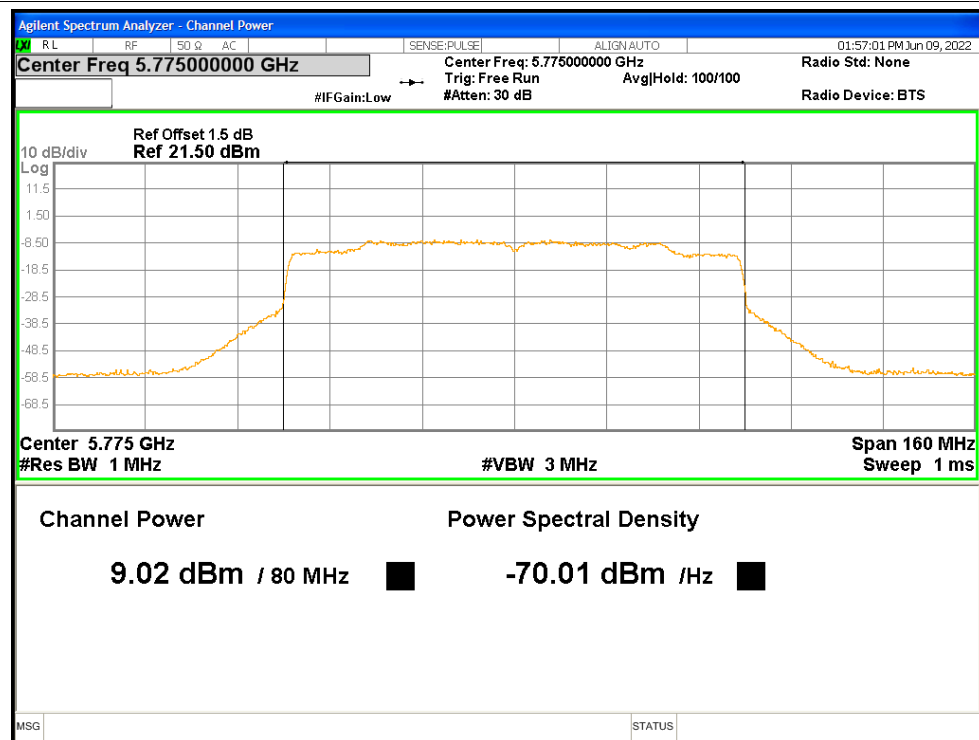
Power NVNT ax40 5755MHz



Power NVNT ax40 5795MHz



Power NVNT ax80 5775MHz

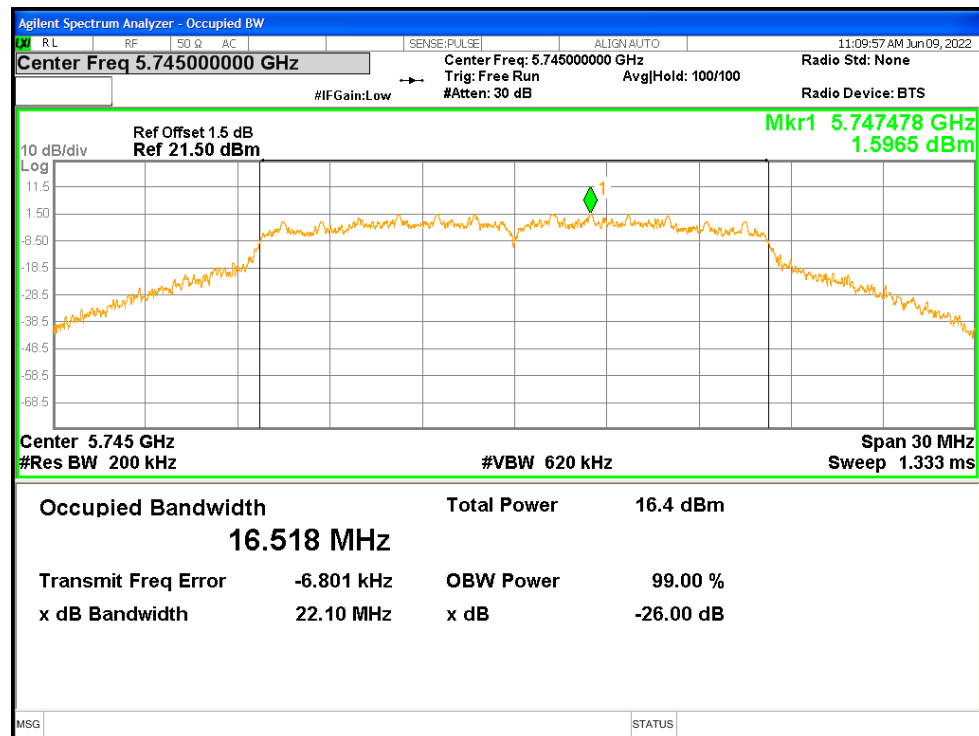


Occupied Channel Bandwidth

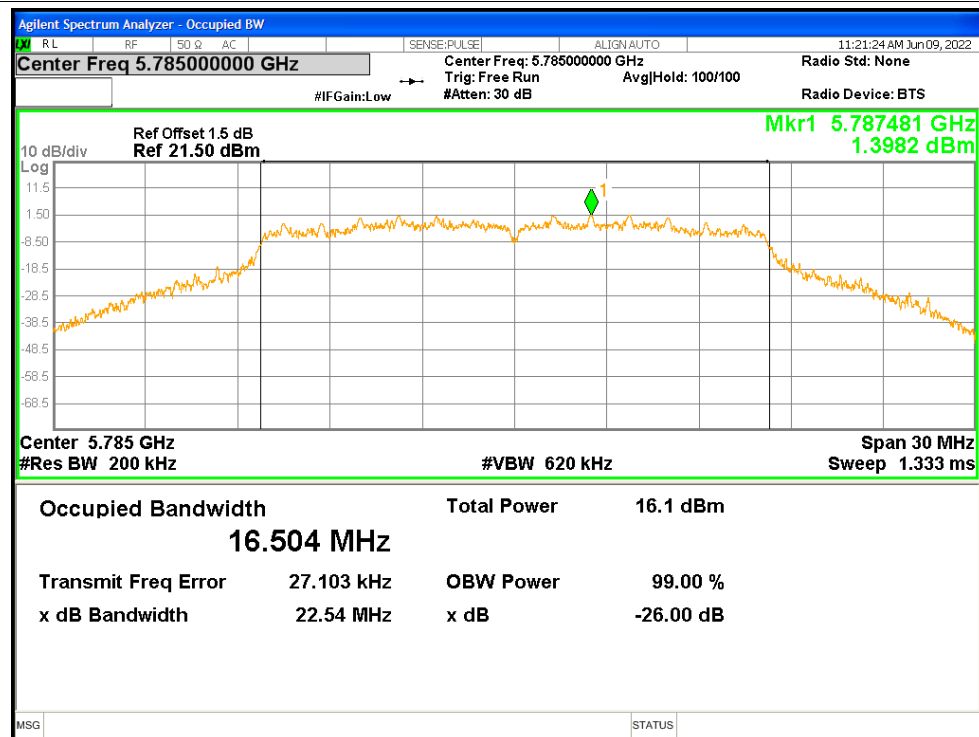
Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	a	5745	16.518
NVNT	a	5785	16.504
NVNT	a	5825	16.563
NVNT	n20	5745	17.608
NVNT	n20	5785	17.662
NVNT	n20	5825	17.623
NVNT	n40	5755	36.017
NVNT	n40	5795	35.999
NVNT	ac20	5745	17.623
NVNT	ac20	5785	17.645
NVNT	ac20	5825	17.687
NVNT	ac40	5755	36.007
NVNT	ac40	5795	35.986
NVNT	ac80	5775	75.064
NVNT	ax20	5745	18.842
NVNT	ax20	5785	18.854
NVNT	ax20	5825	18.871
NVNT	ax40	5755	37.562
NVNT	ax40	5795	37.566
NVNT	ax80	5775	76.485

Test Graphs

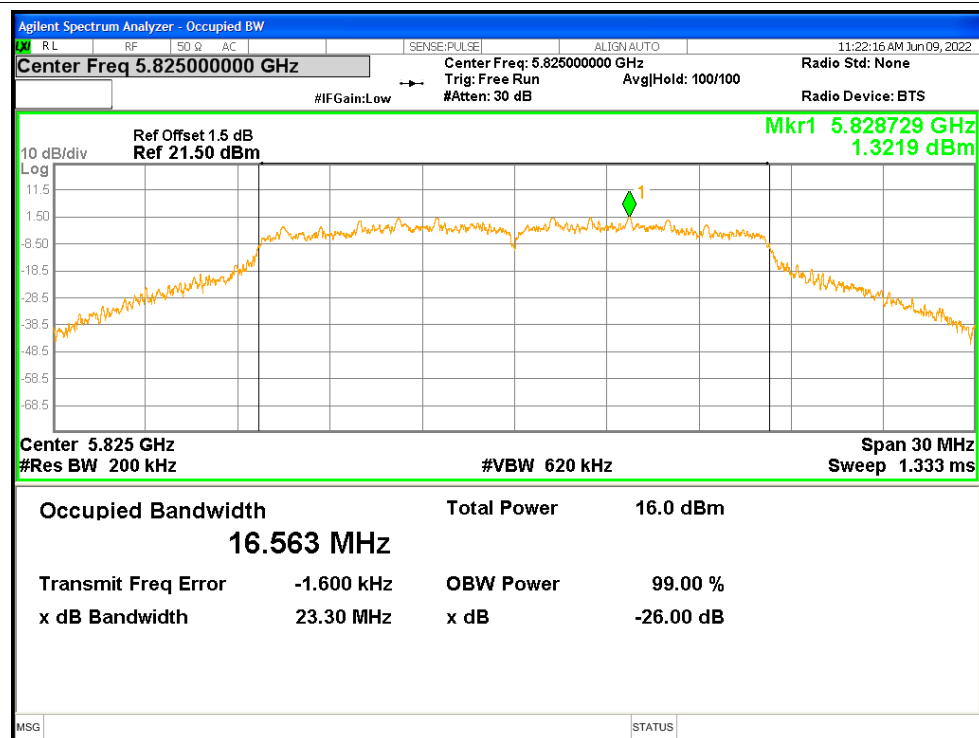
OBW NVNT a 5745MHz



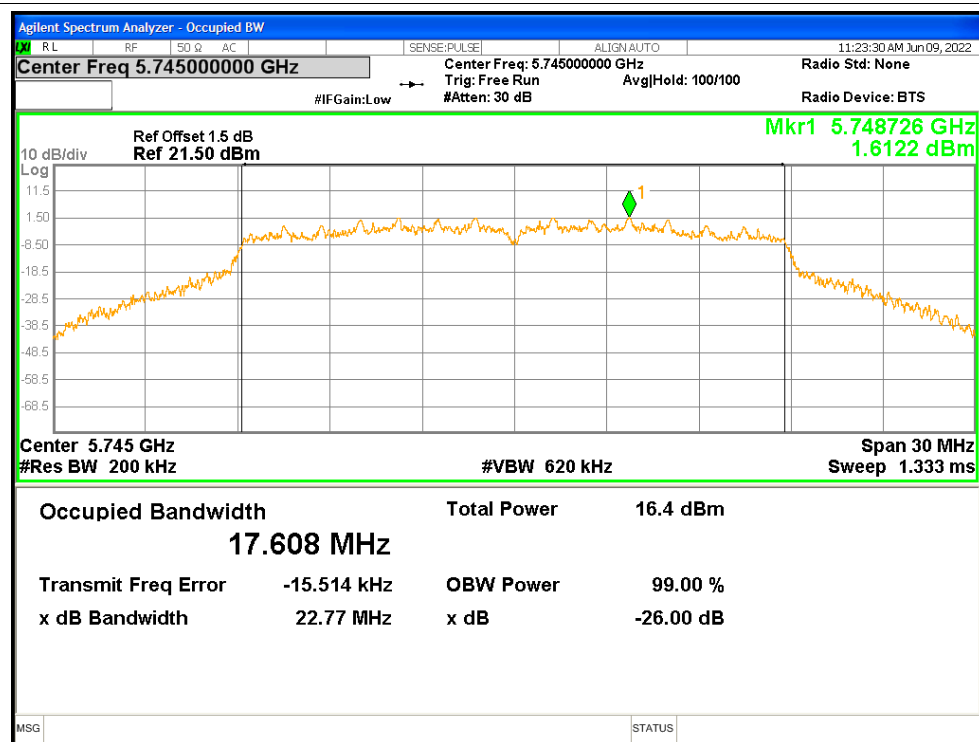
OBW NVNT a 5785MHz



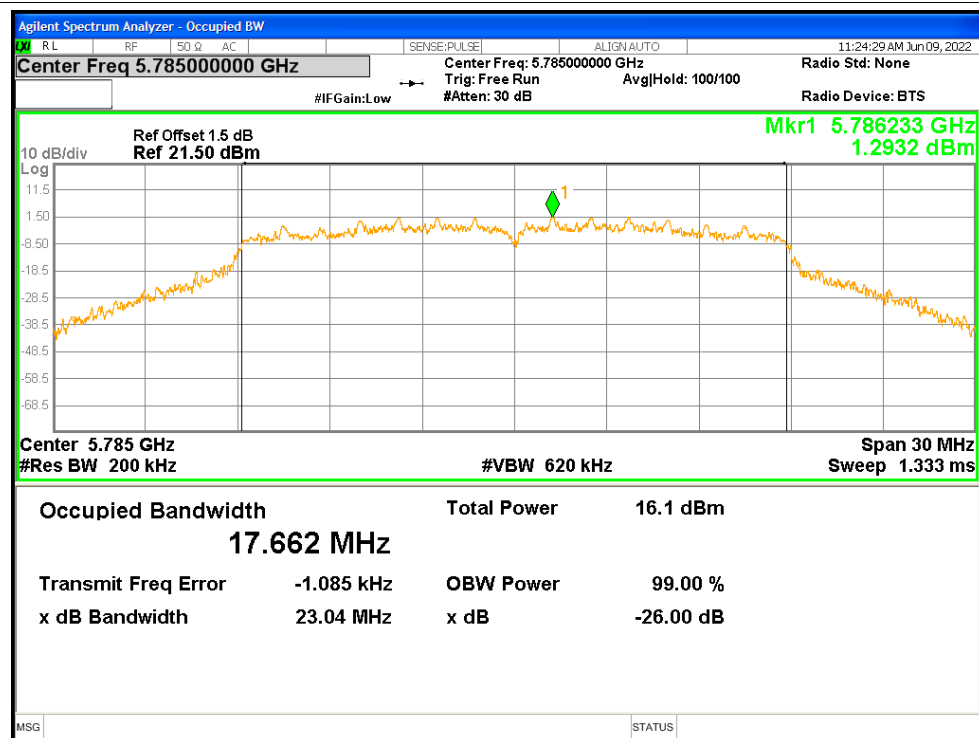
OBW NVNT a 5825MHz



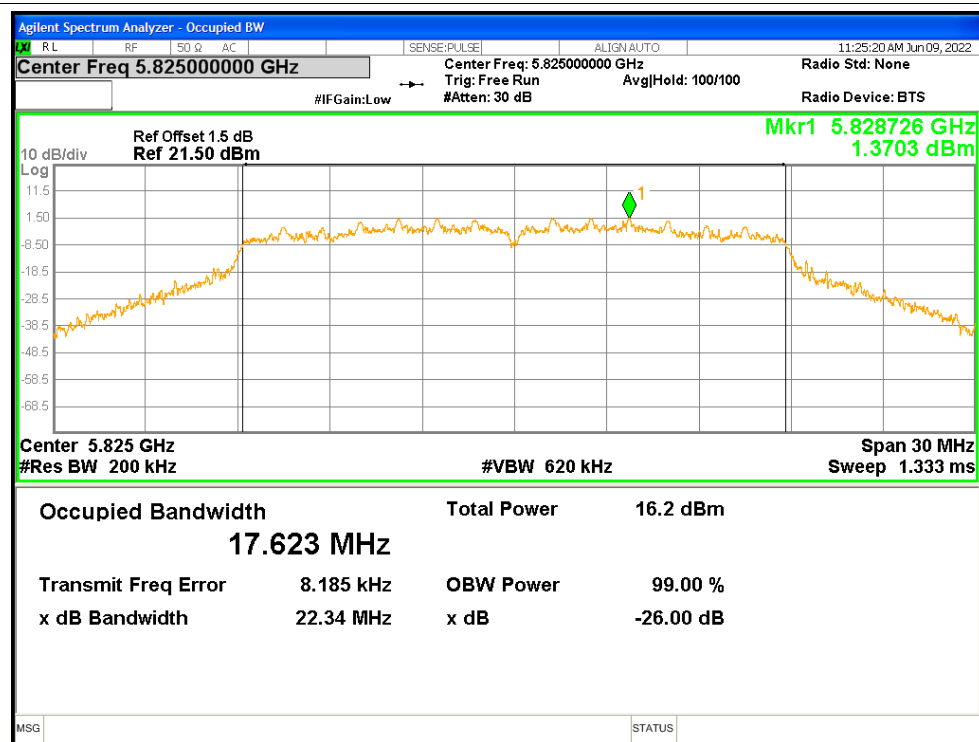
OBW NVNT n20 5745MHz



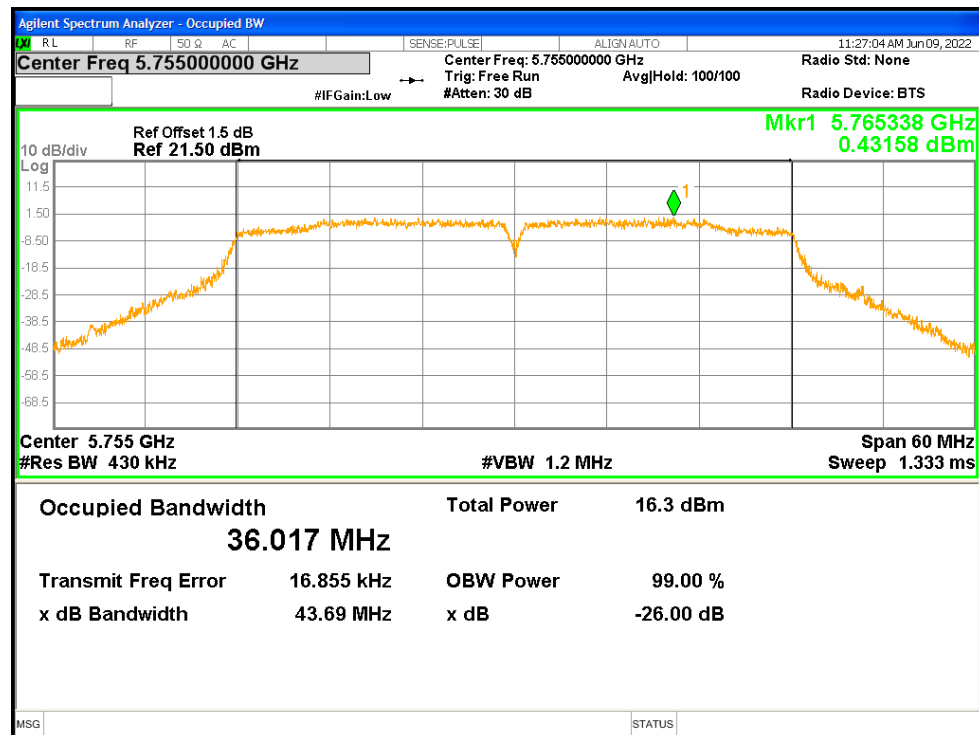
OBW NVNT n20 5785MHz



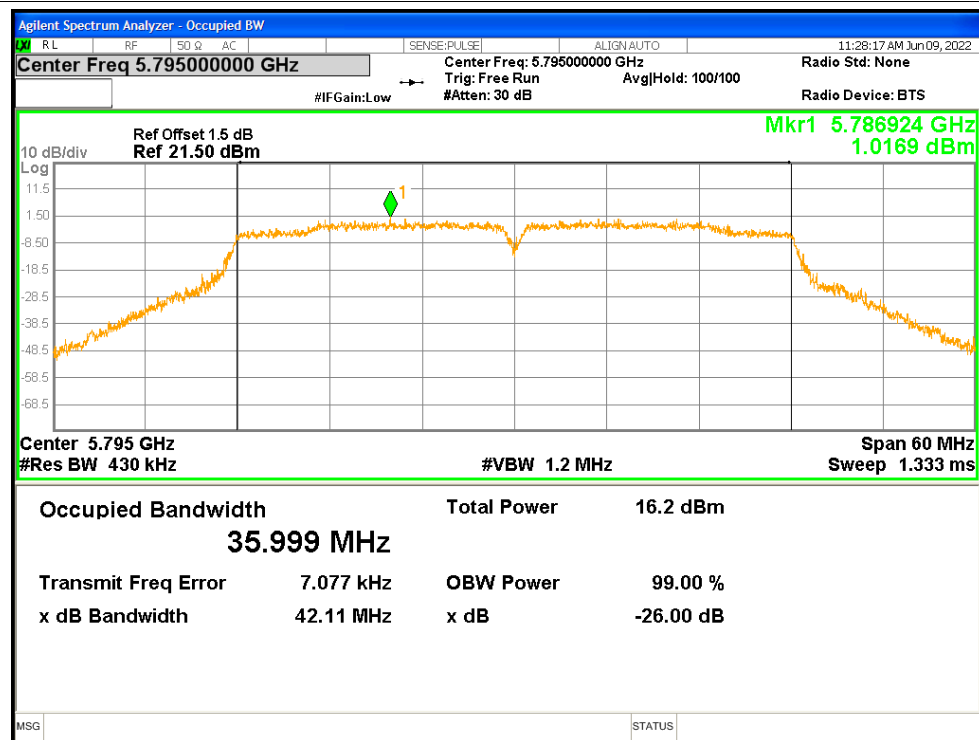
OBW NVNT n20 5825MHz



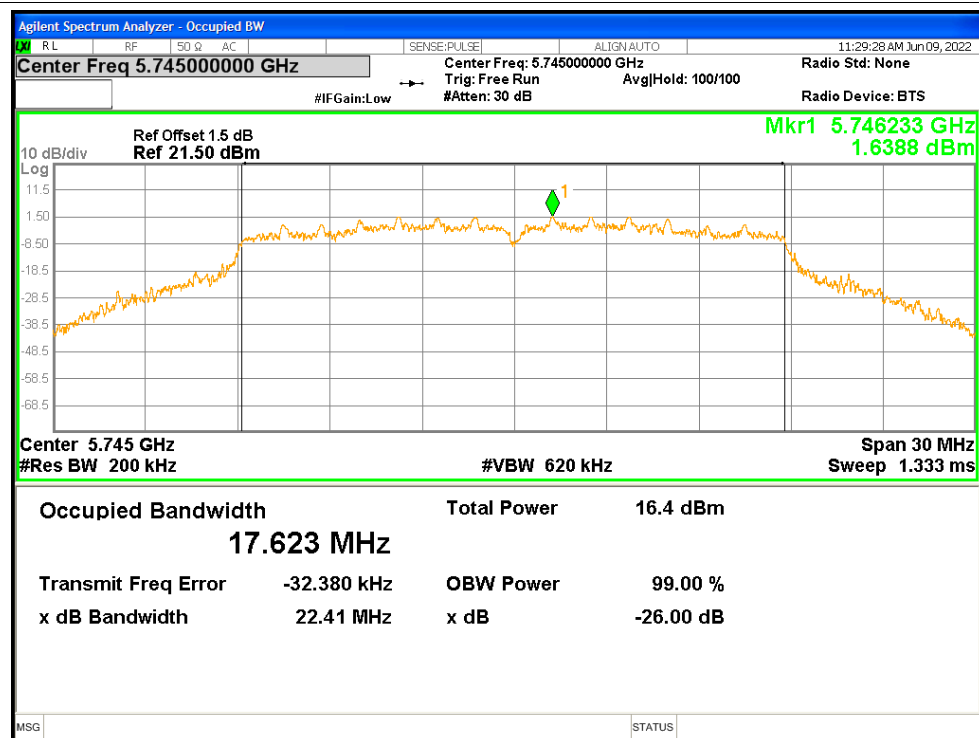
OBW NVNT n40 5755MHz



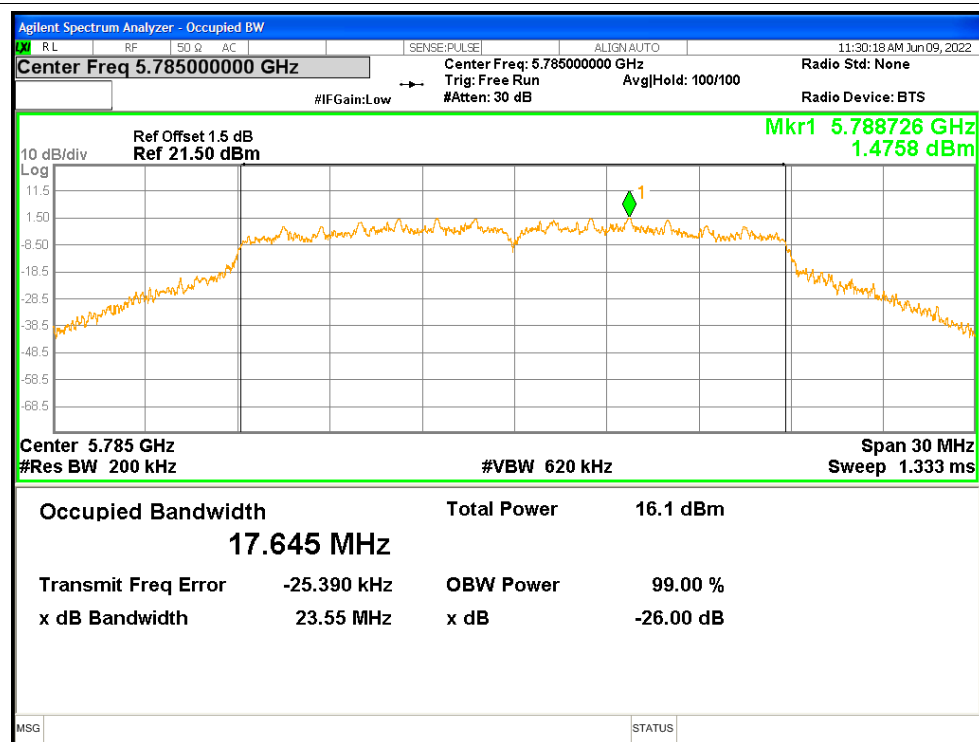
OBW NVNT n40 5795MHz



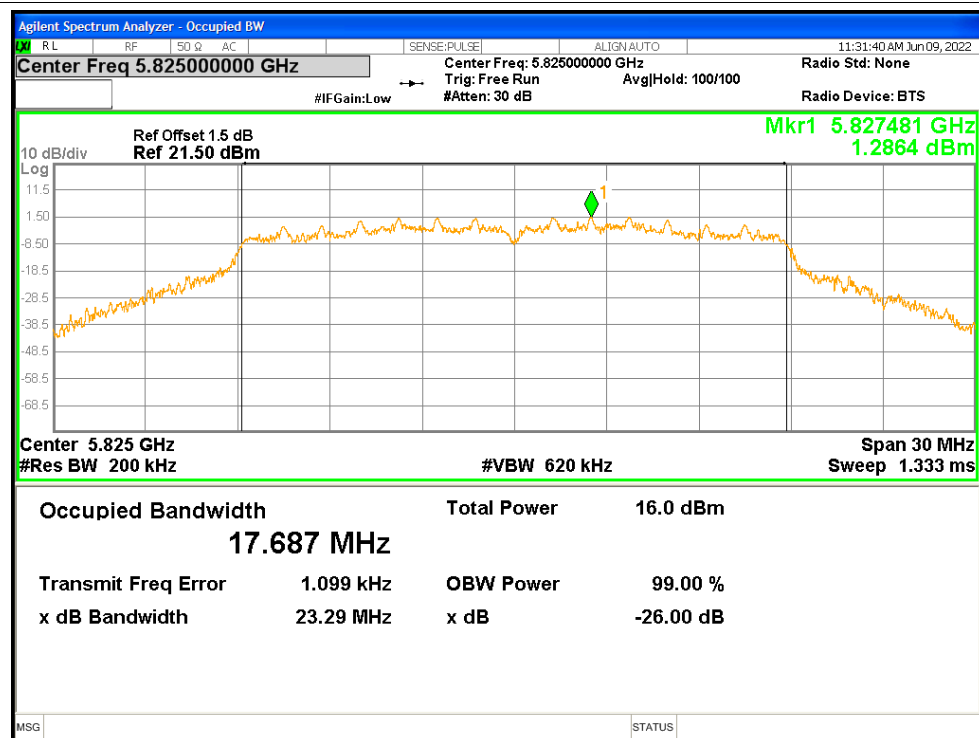
OBW NVNT ac20 5745MHz



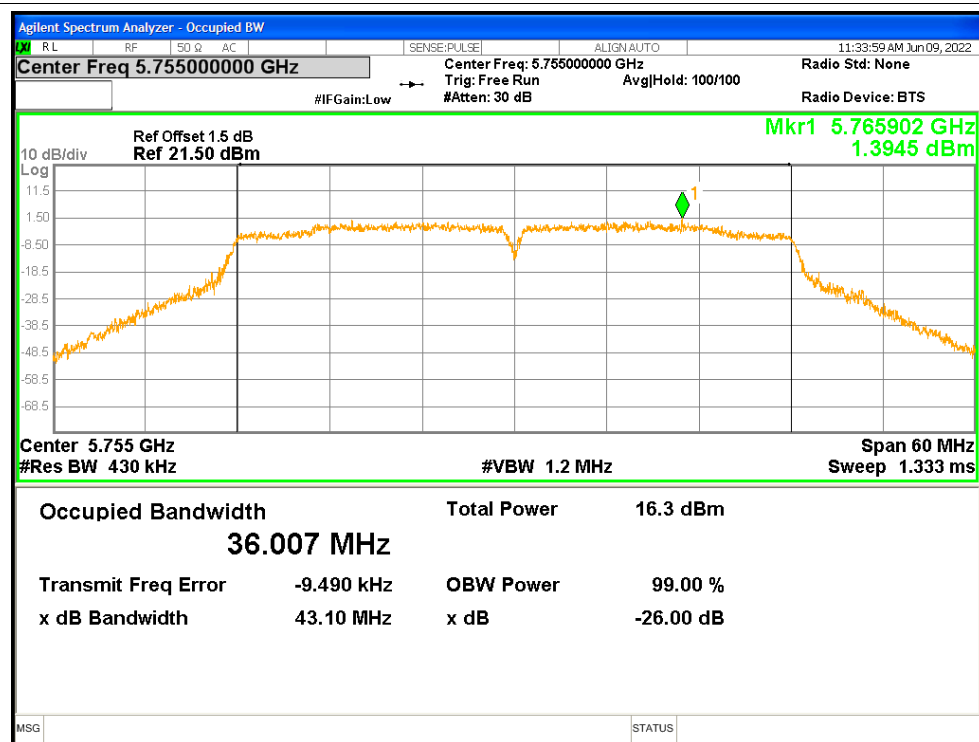
OBW NVNT ac20 5785MHz



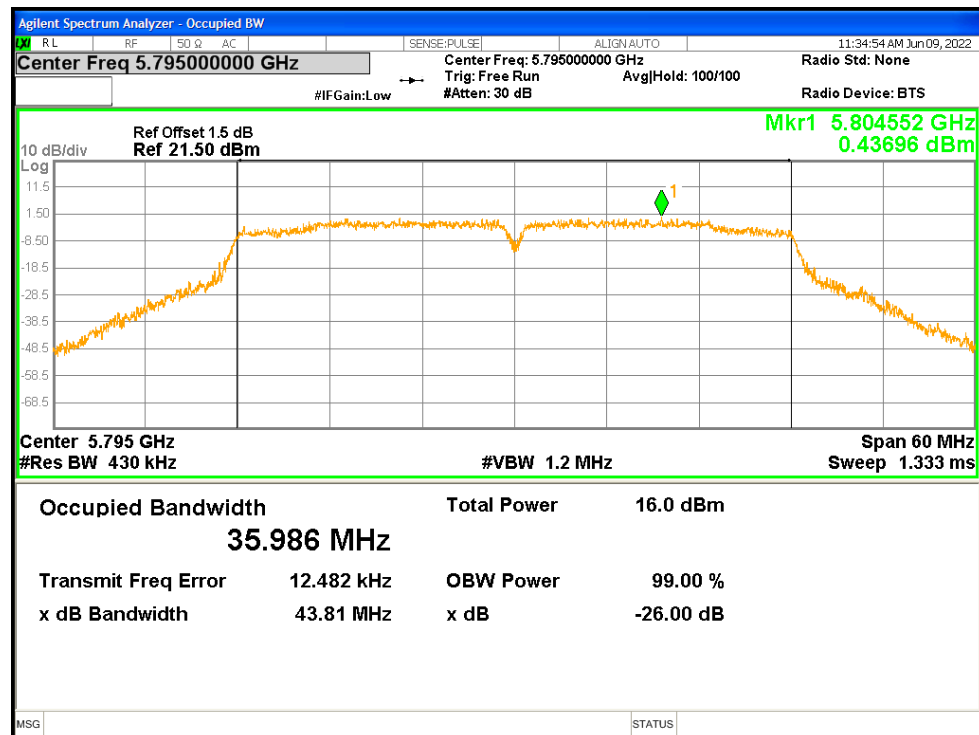
OBW NVNT ac20 5825MHz



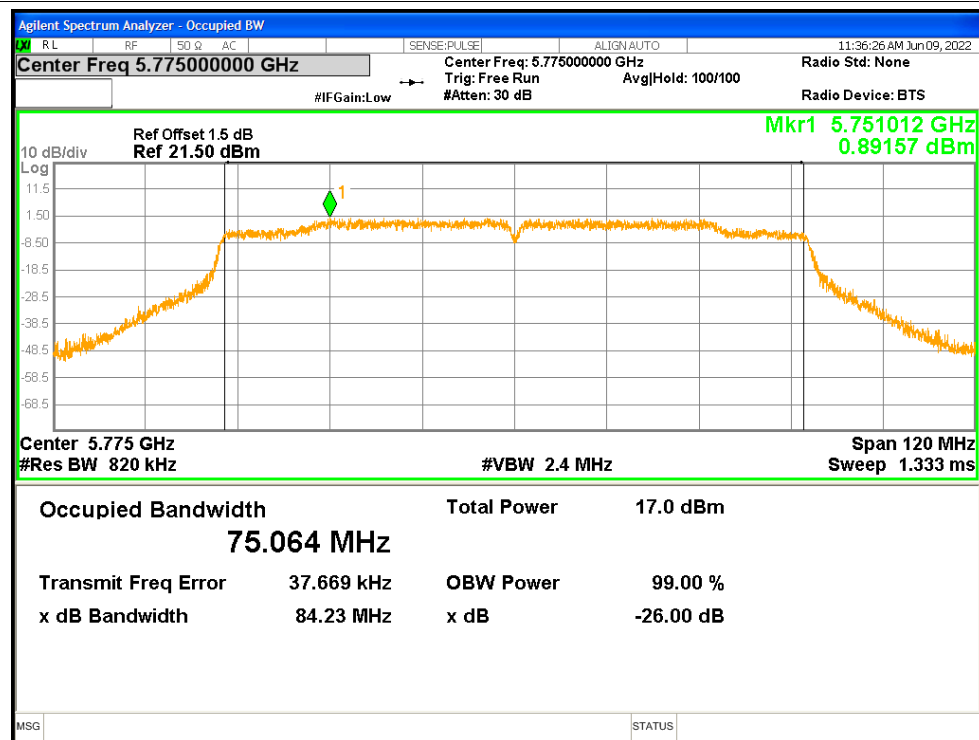
OBW NVNT ac40 5755MHz



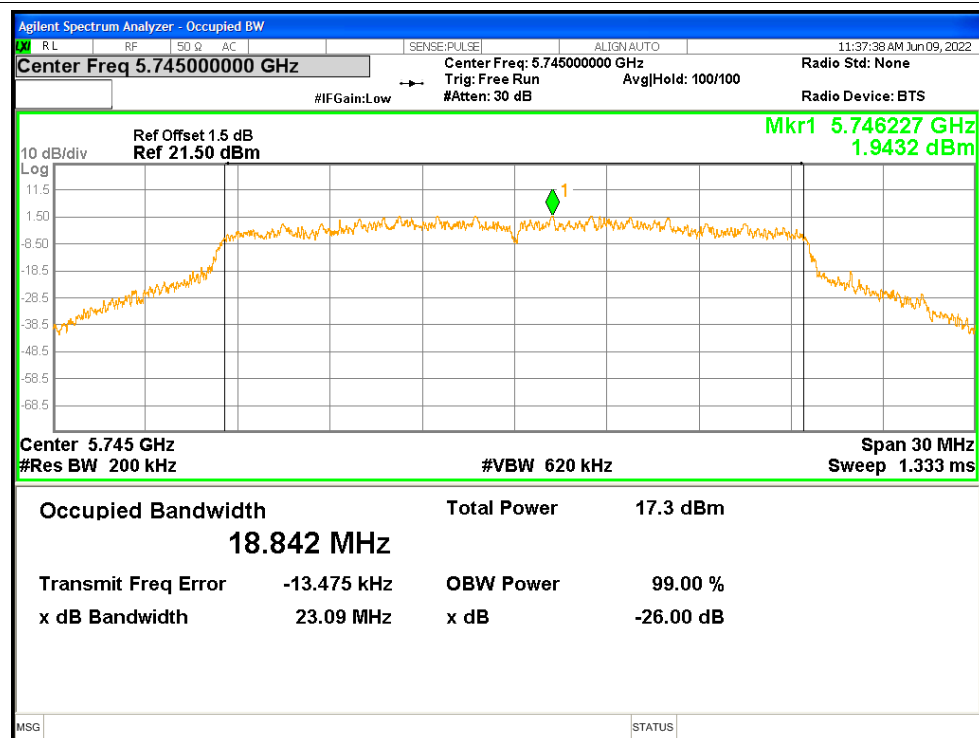
OBW NVNT ac40 5795MHz



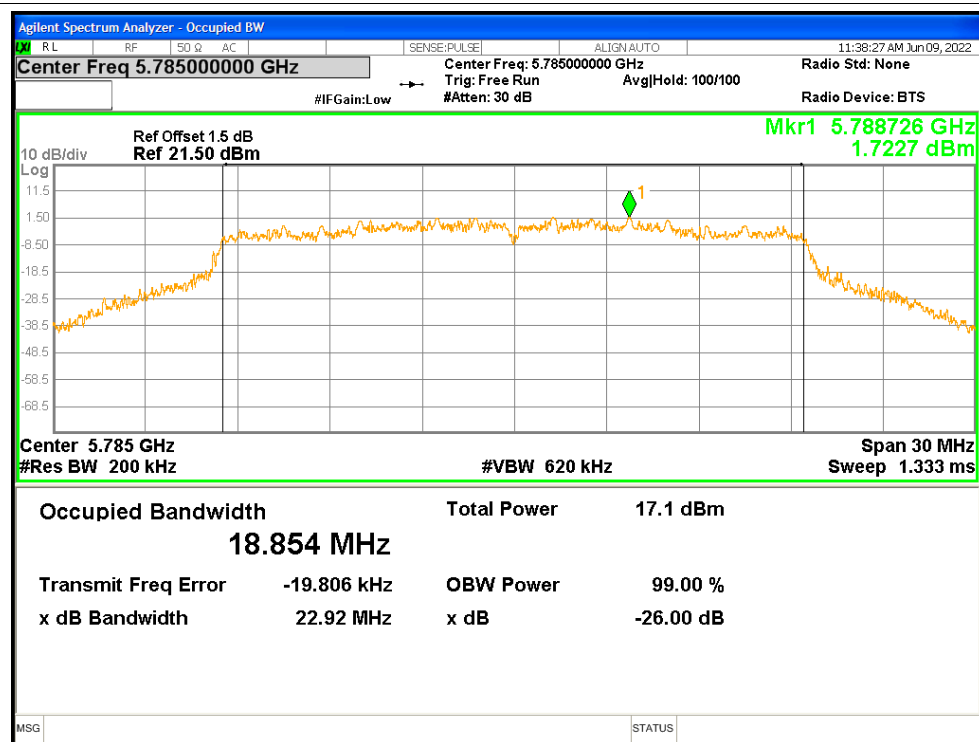
OBW NVNT ac80 5775MHz



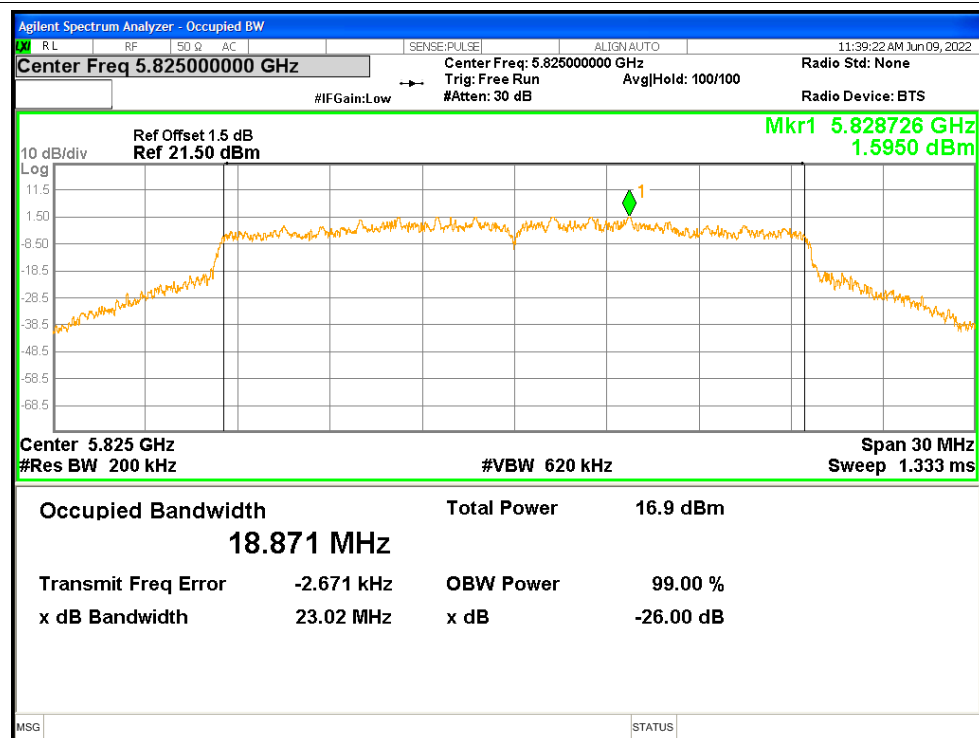
OBW NVNT ax20 5745MHz



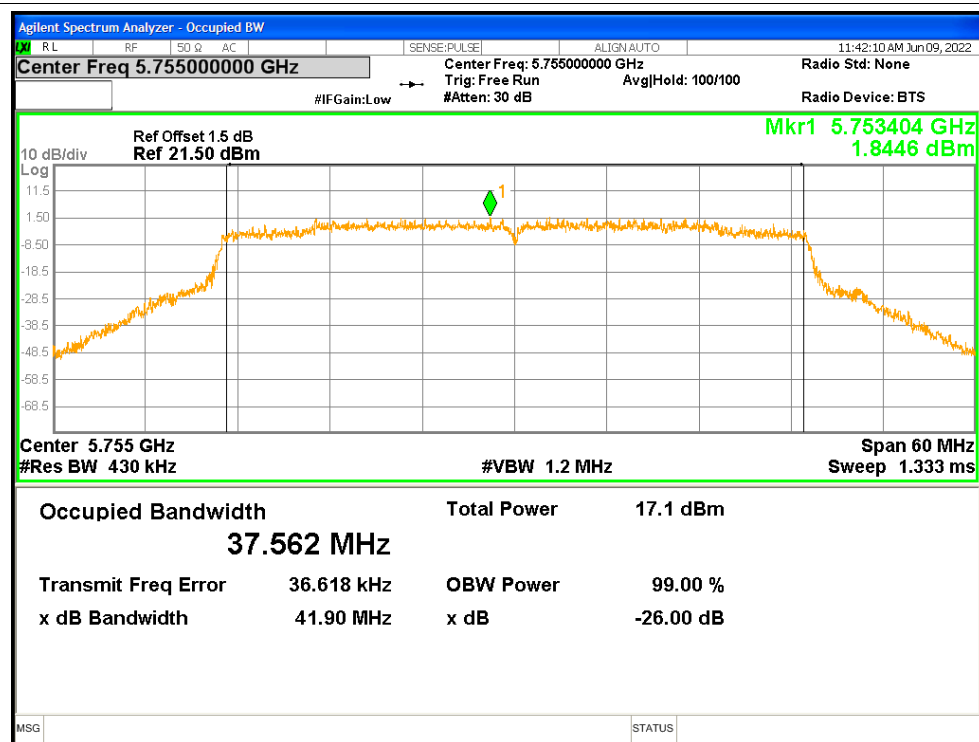
OBW NVNT ax20 5785MHz



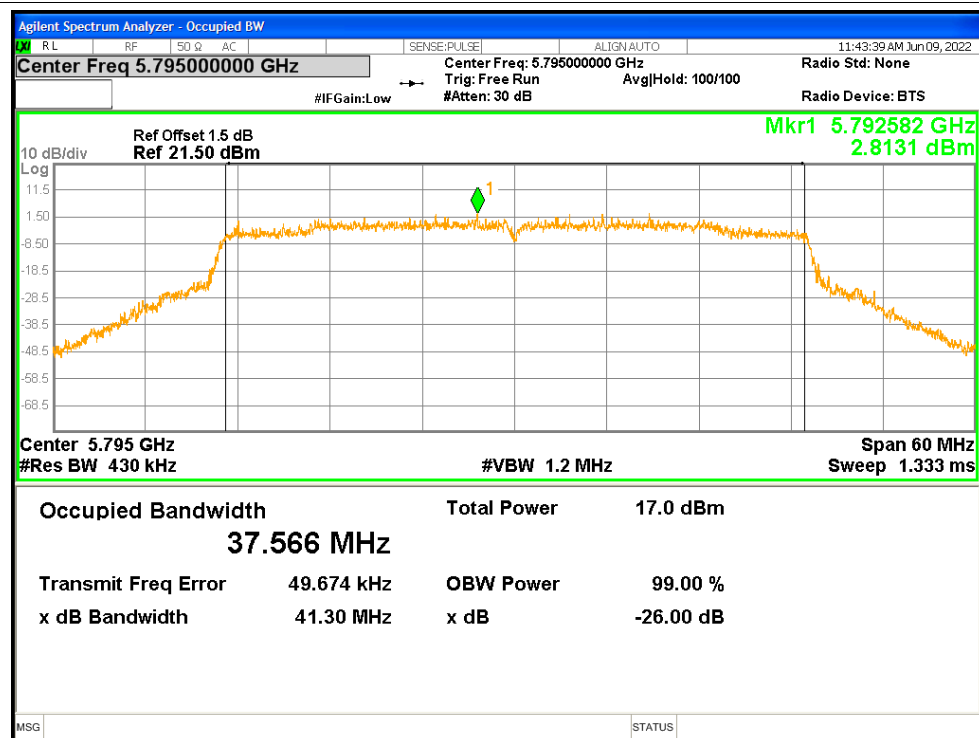
OBW NVNT ax20 5825MHz



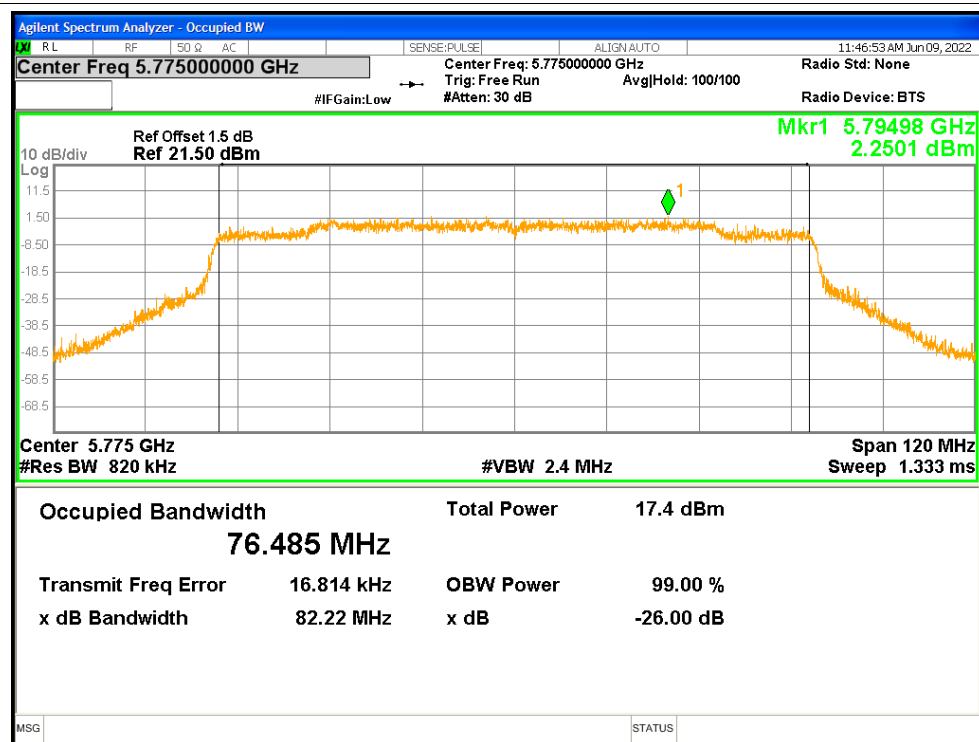
OBW NVNT ax40 5755MHz



OBW NVNT ax40 5795MHz



OBW NVNT ax80 5775MHz

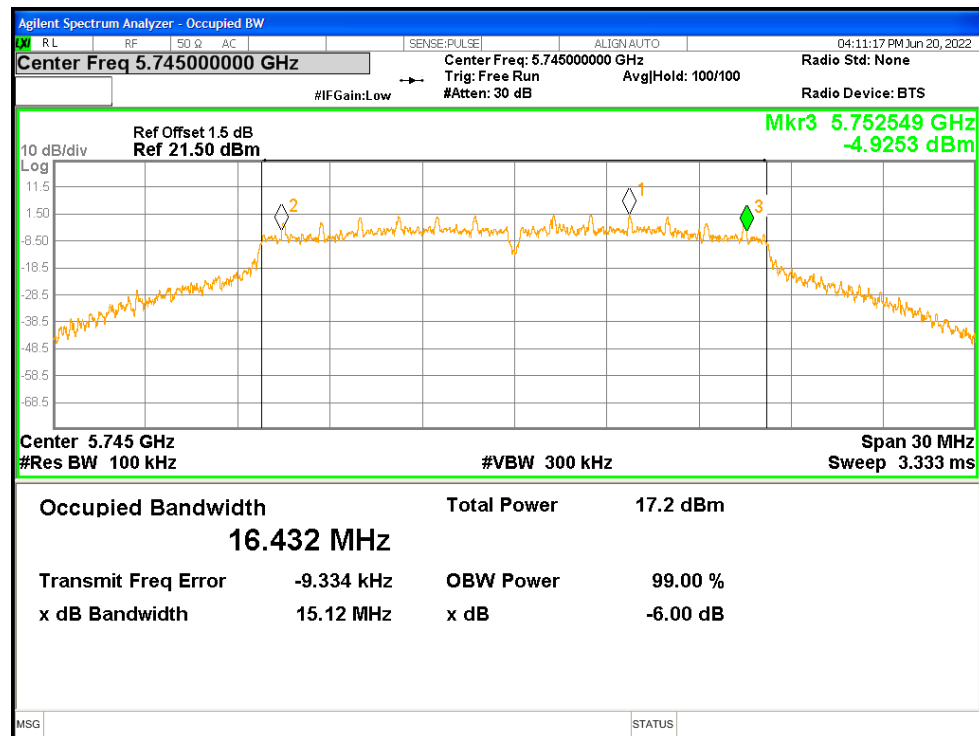


1. -6dB Bandwidth

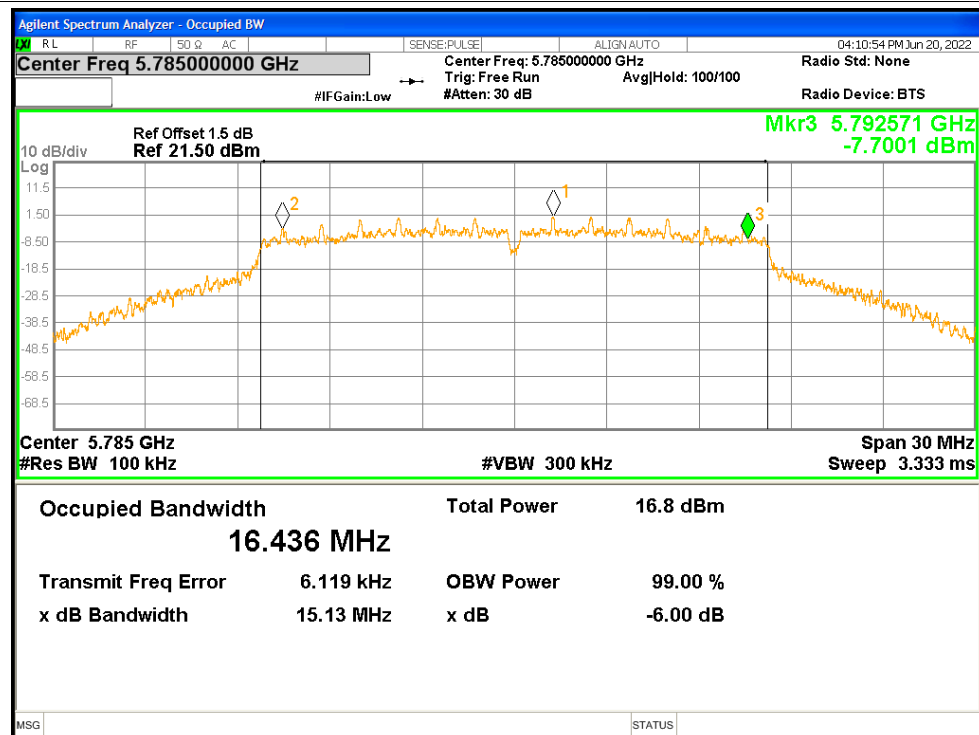
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	15.12	≥ 0.5	Pass
NVNT	a	5785	15.13	≥ 0.5	Pass
NVNT	a	5825	15.1	≥ 0.5	Pass
NVNT	n20	5745	15.11	≥ 0.5	Pass
NVNT	n20	5785	15.12	≥ 0.5	Pass
NVNT	n20	5825	15.11	≥ 0.5	Pass
NVNT	n40	5755	35.08	≥ 0.5	Pass
NVNT	n40	5795	35.1	≥ 0.5	Pass
NVNT	ac20	5745	15.12	≥ 0.5	Pass
NVNT	ac20	5785	15.12	≥ 0.5	Pass
NVNT	ac20	5825	15.08	≥ 0.5	Pass
NVNT	ac40	5755	35.08	≥ 0.5	Pass
NVNT	ac40	5795	35.1	≥ 0.5	Pass
NVNT	ac80	5775	75.06	≥ 0.5	Pass
NVNT	ax20	5745	15.12	≥ 0.5	Pass
NVNT	ax20	5785	16.37	≥ 0.5	Pass
NVNT	ax20	5825	16.38	≥ 0.5	Pass
NVNT	ax40	5755	35.01	≥ 0.5	Pass
NVNT	ax40	5795	35.07	≥ 0.5	Pass
NVNT	ax80	5775	75.04	≥ 0.5	Pass

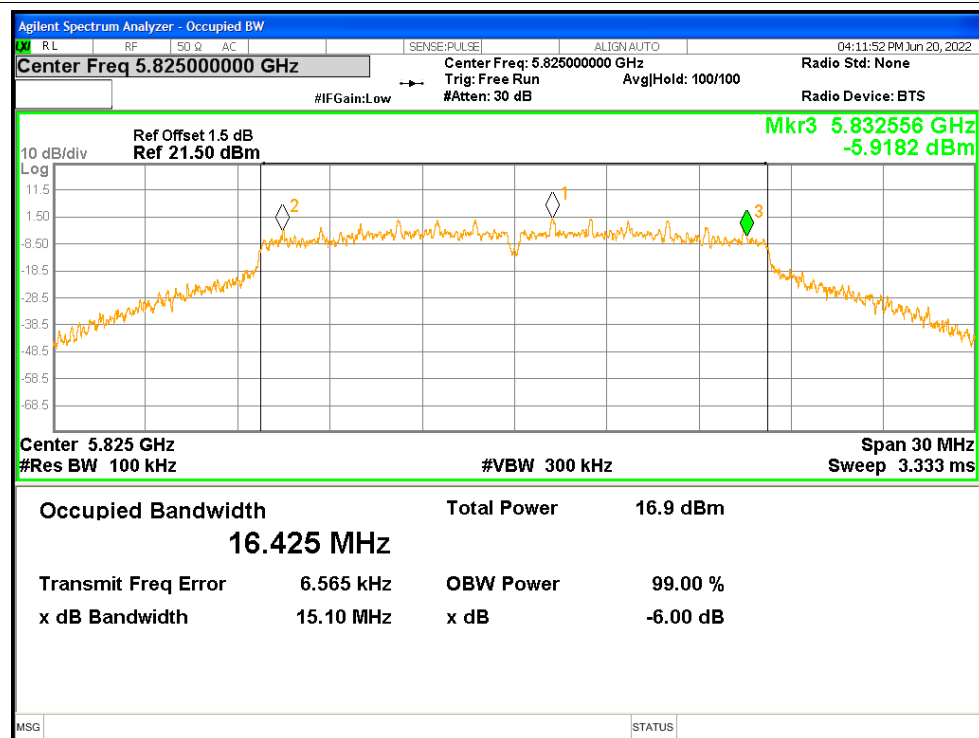
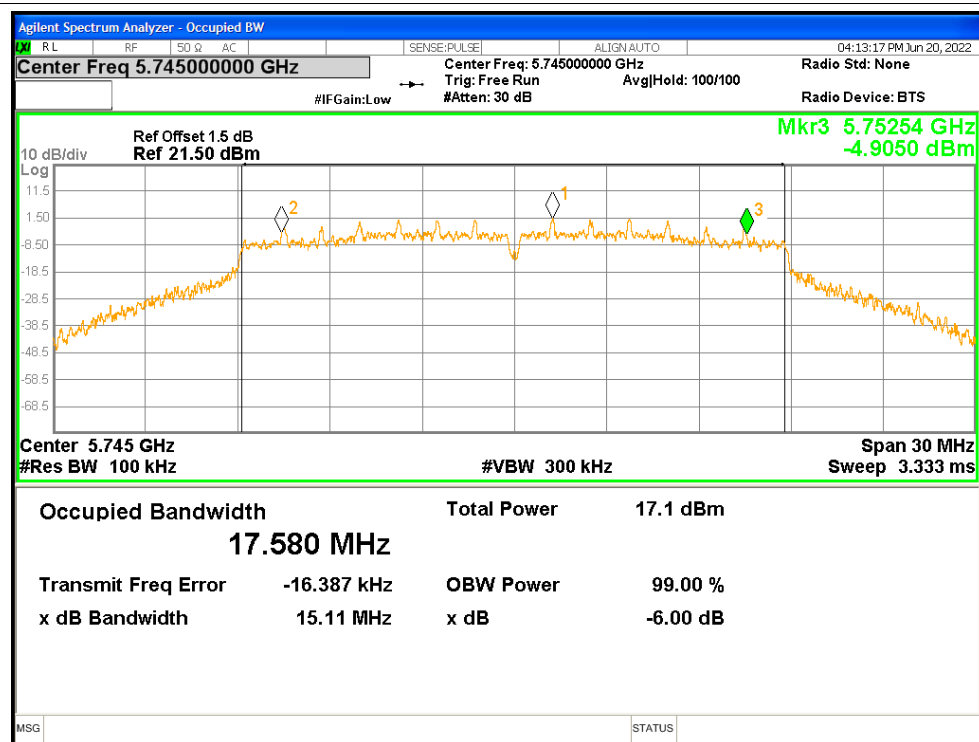
Test Graphs

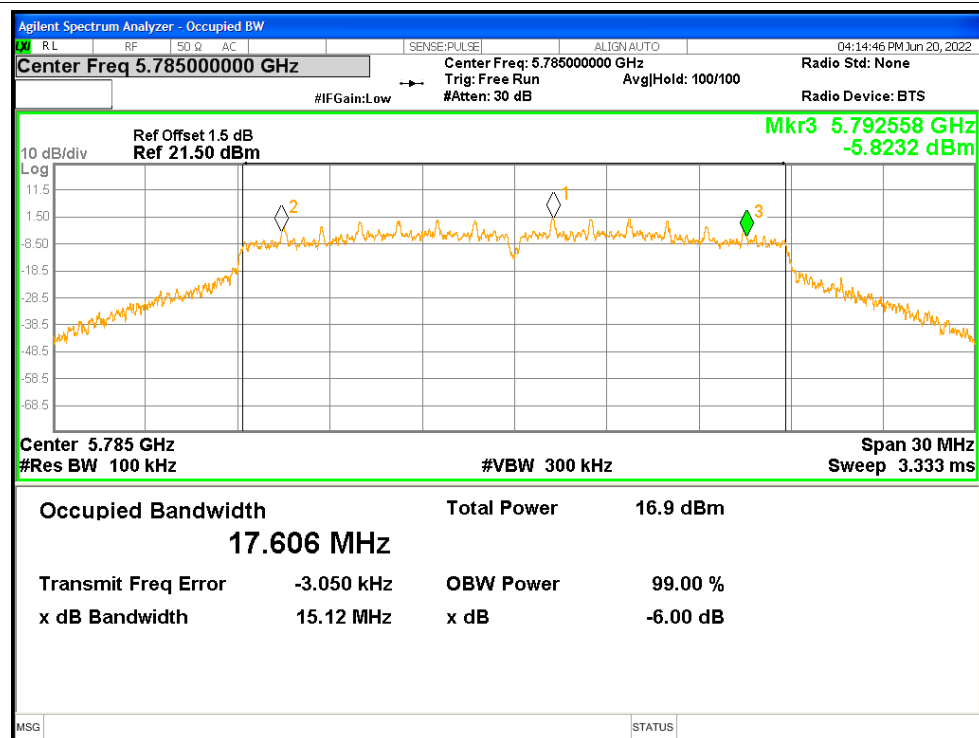
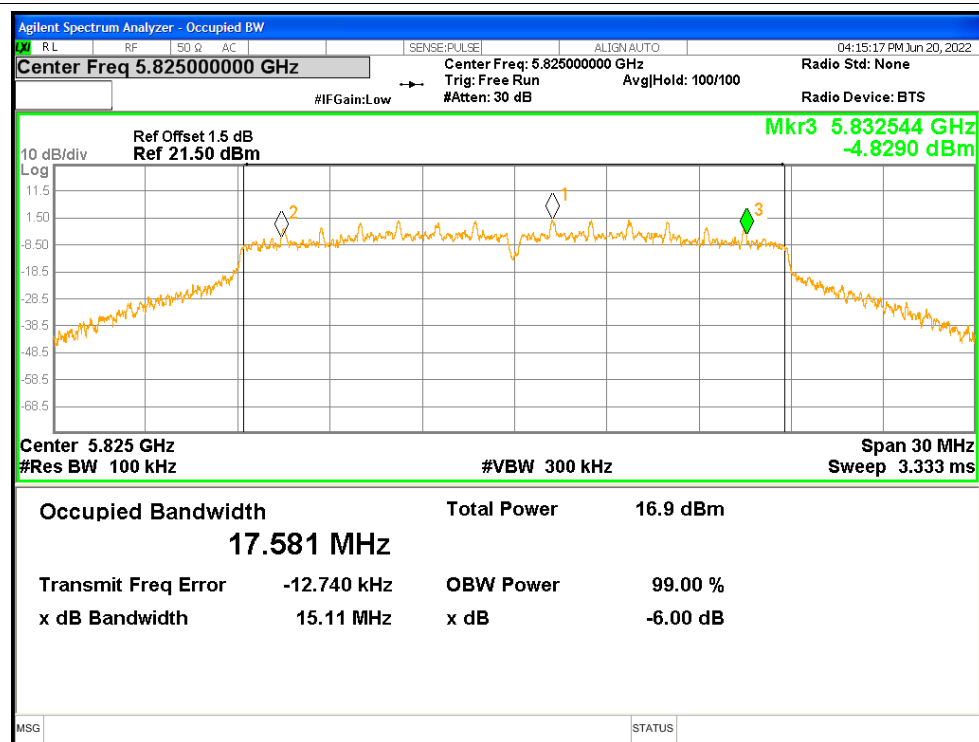
-6dB Bandwidth NVNT a 5745MHz

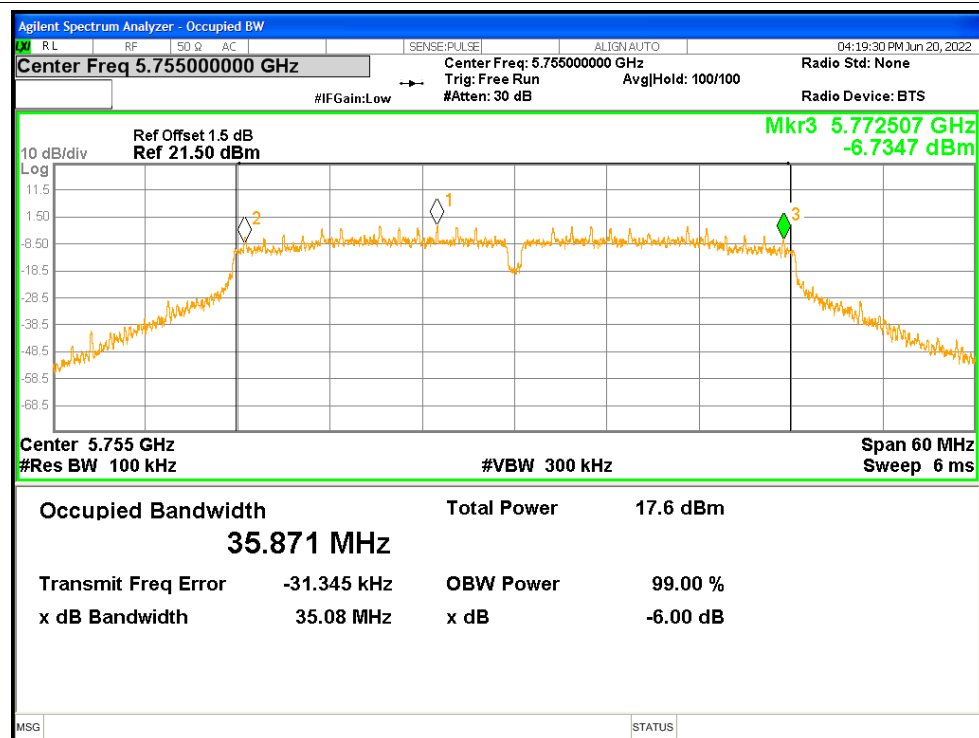
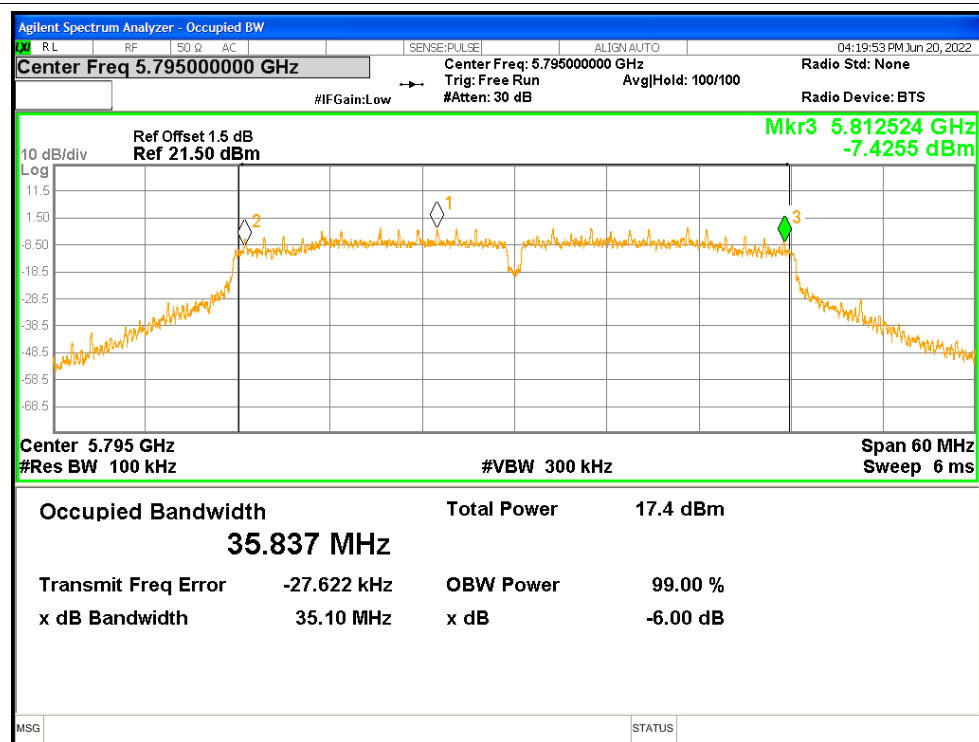


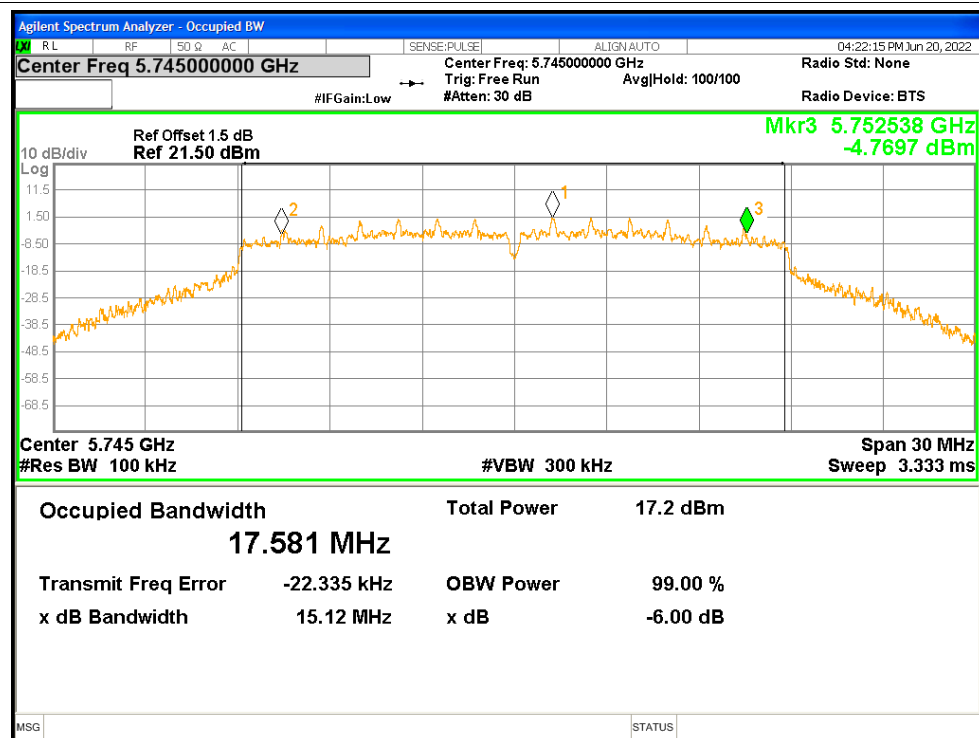
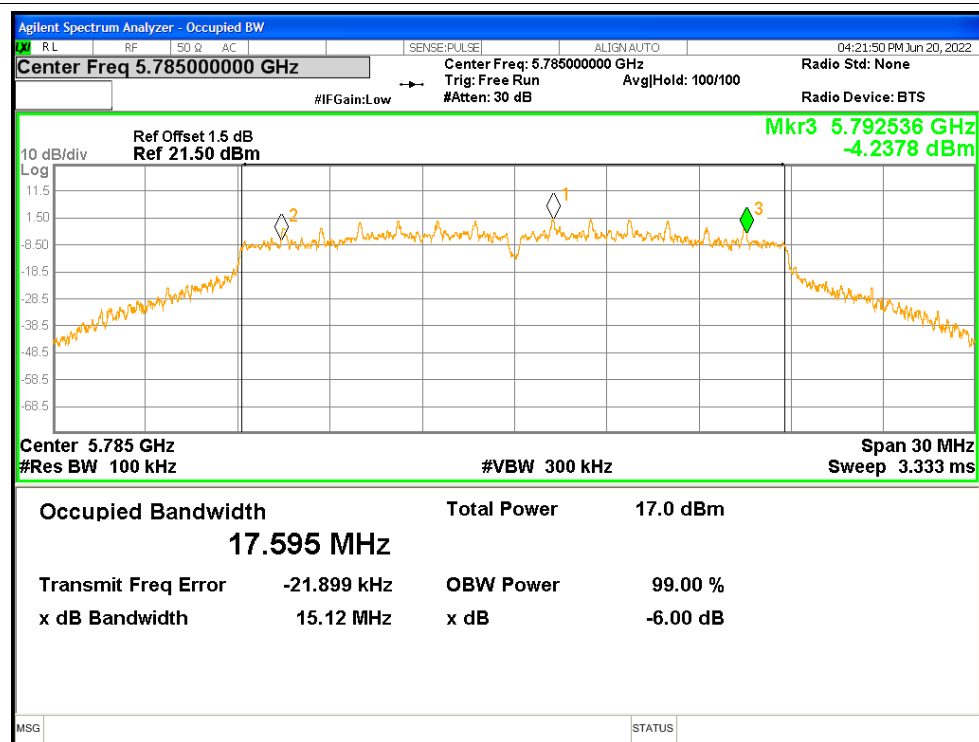
-6dB Bandwidth NVNT a 5785MHz

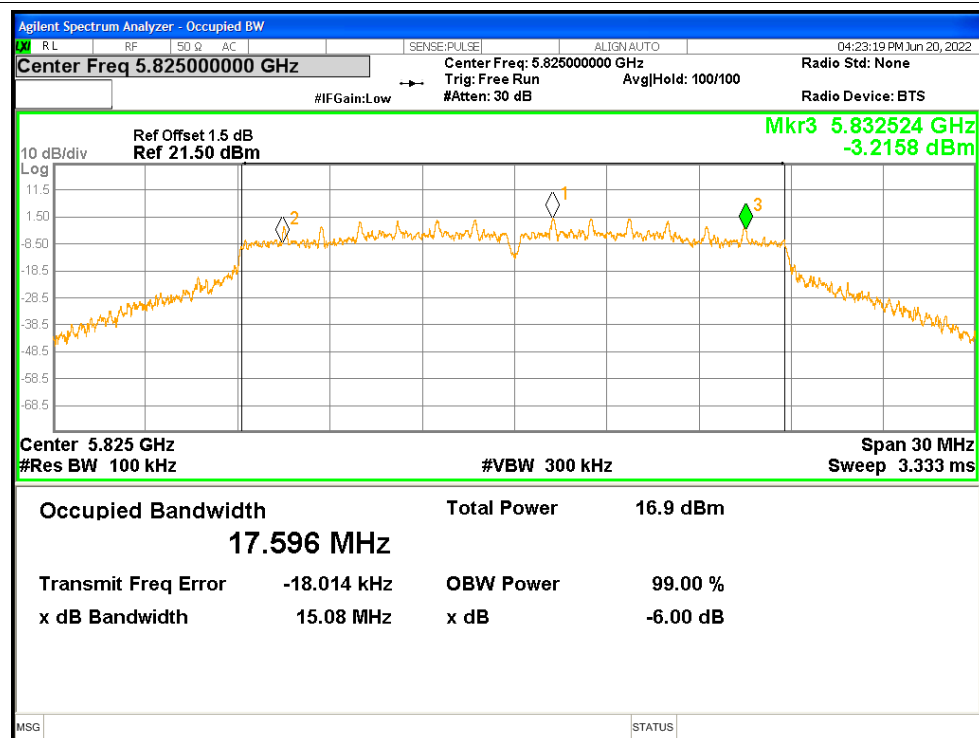
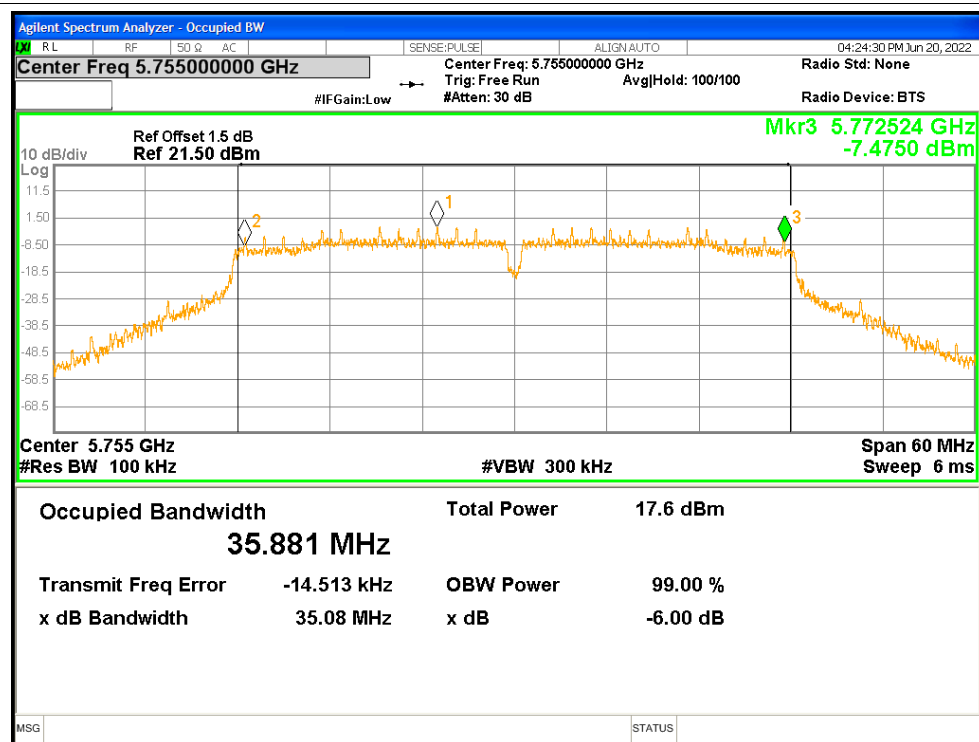


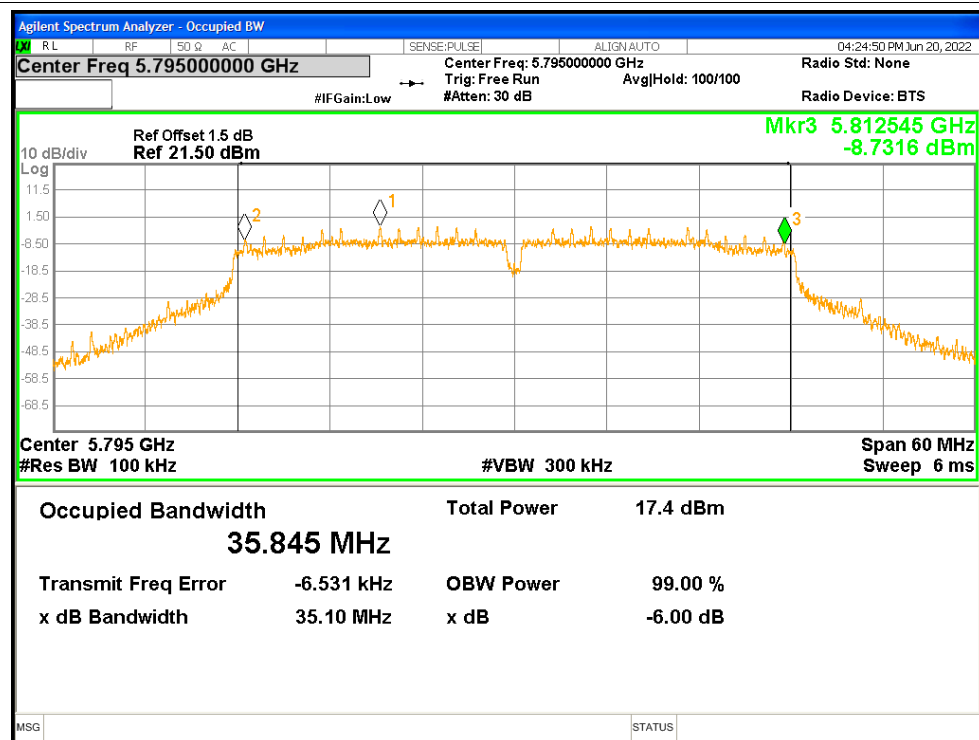
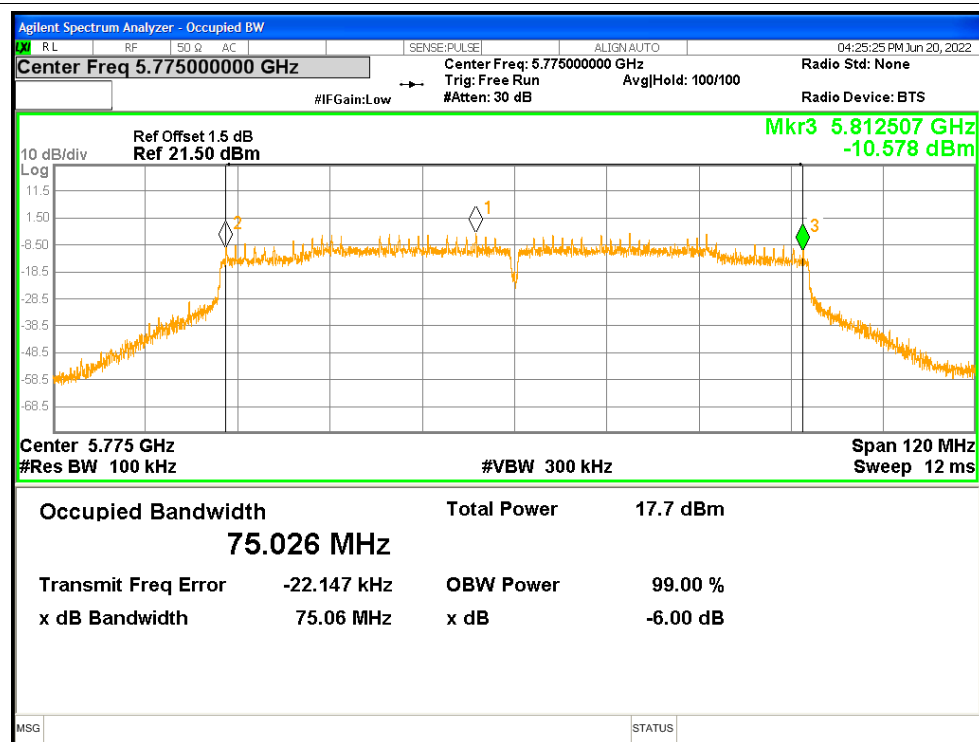
-6dB Bandwidth NVNT a 5825MHz**-6dB Bandwidth NVNT n20 5745MHz**

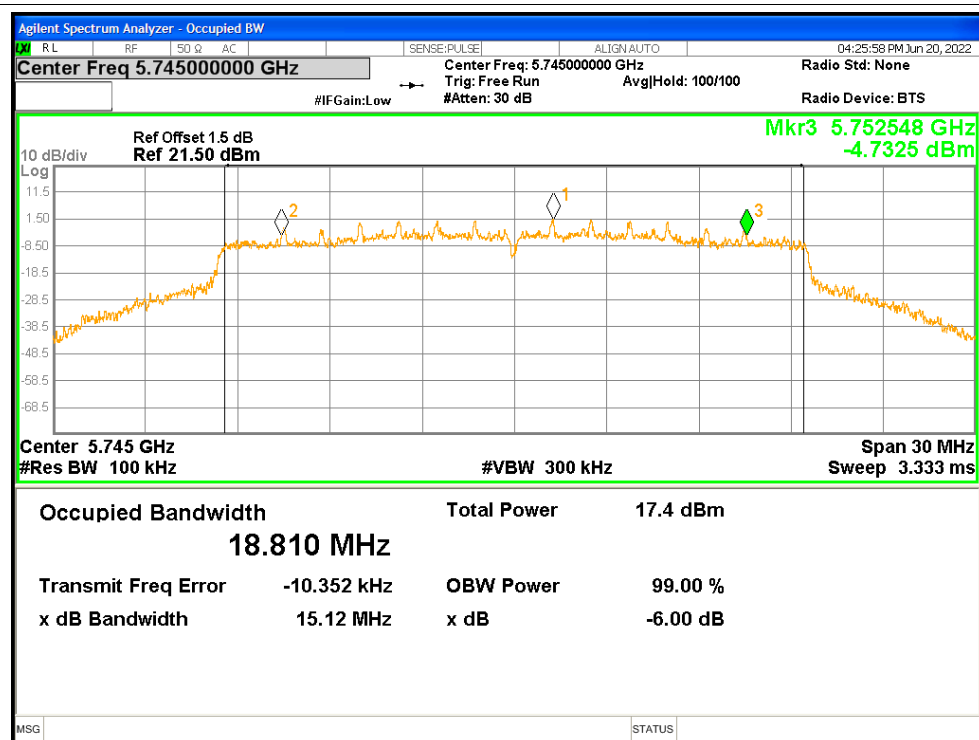
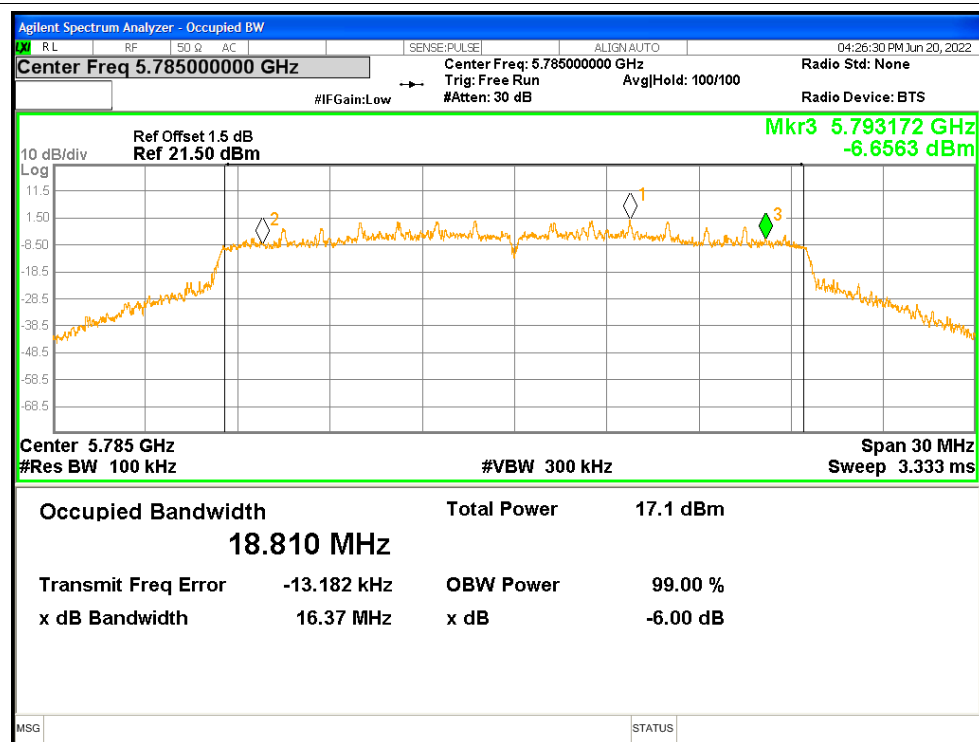
-6dB Bandwidth NVNT n20 5785MHz**-6dB Bandwidth NVNT n20 5825MHz**

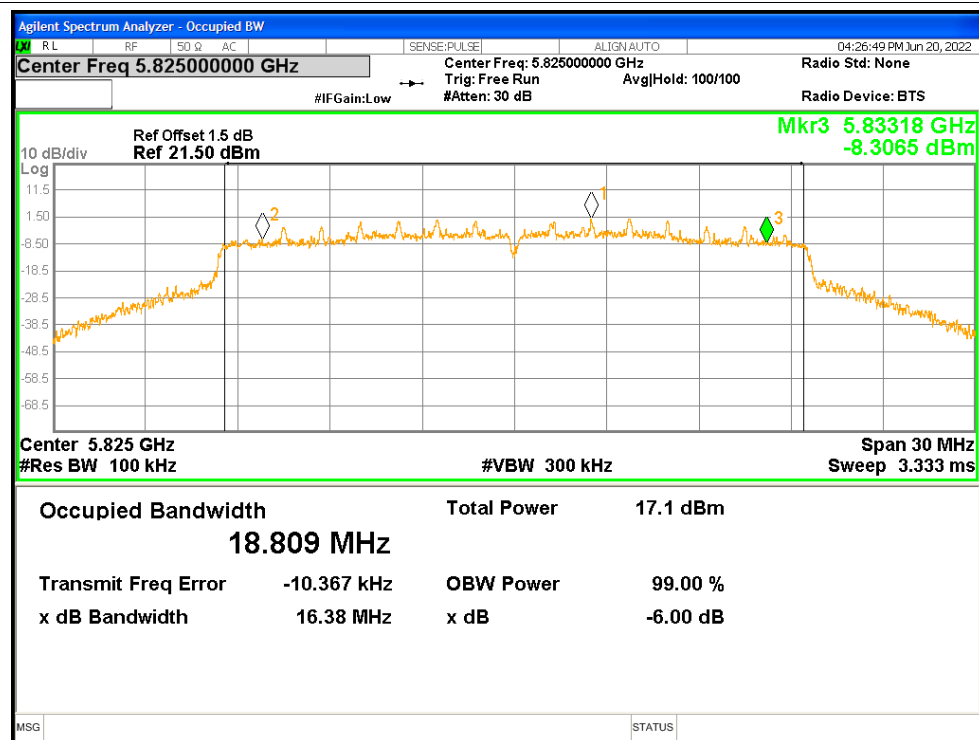
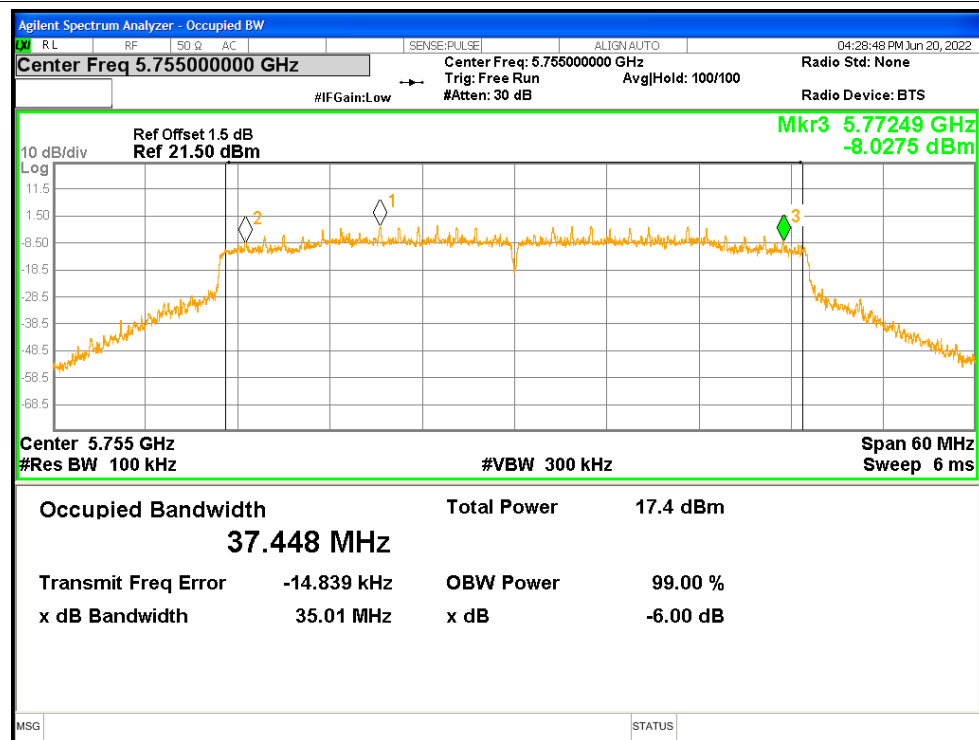
-6dB Bandwidth NVNT n40 5755MHz**-6dB Bandwidth NVNT n40 5795MHz**

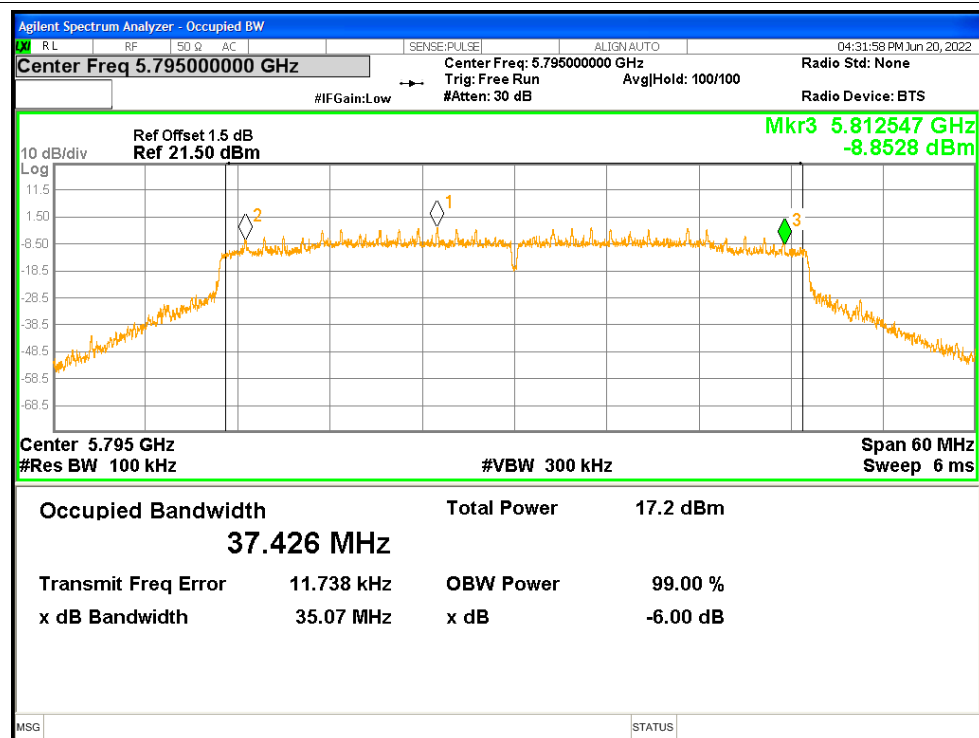
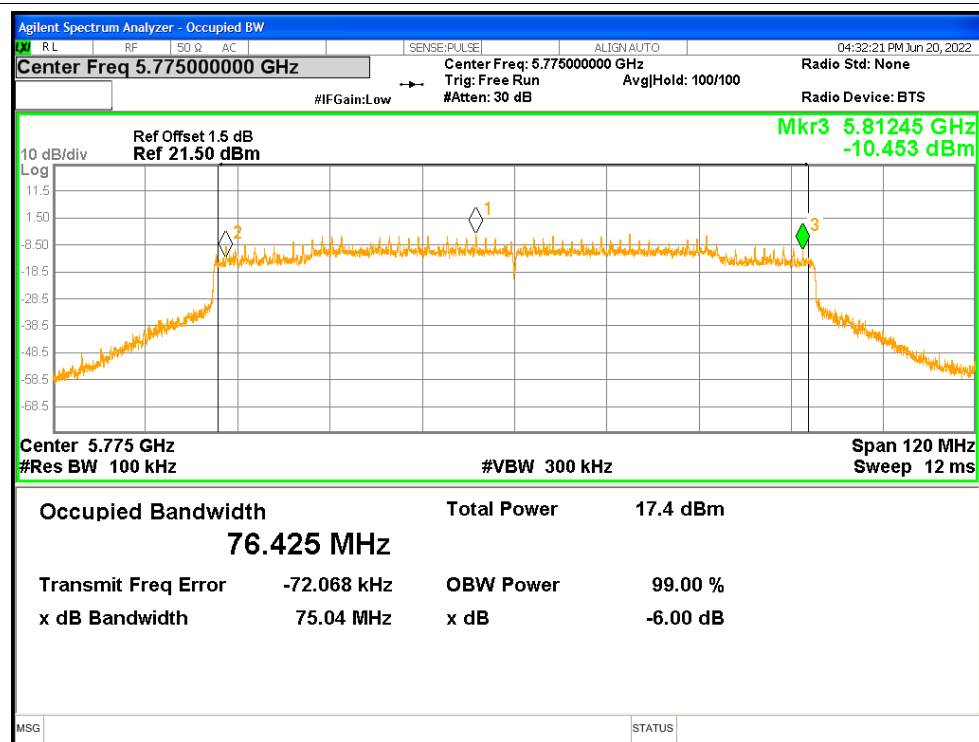
-6dB Bandwidth NVNT ac20 5745MHz**-6dB Bandwidth NVNT ac20 5785MHz**

-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**

Maximum Power Spectral Density Level

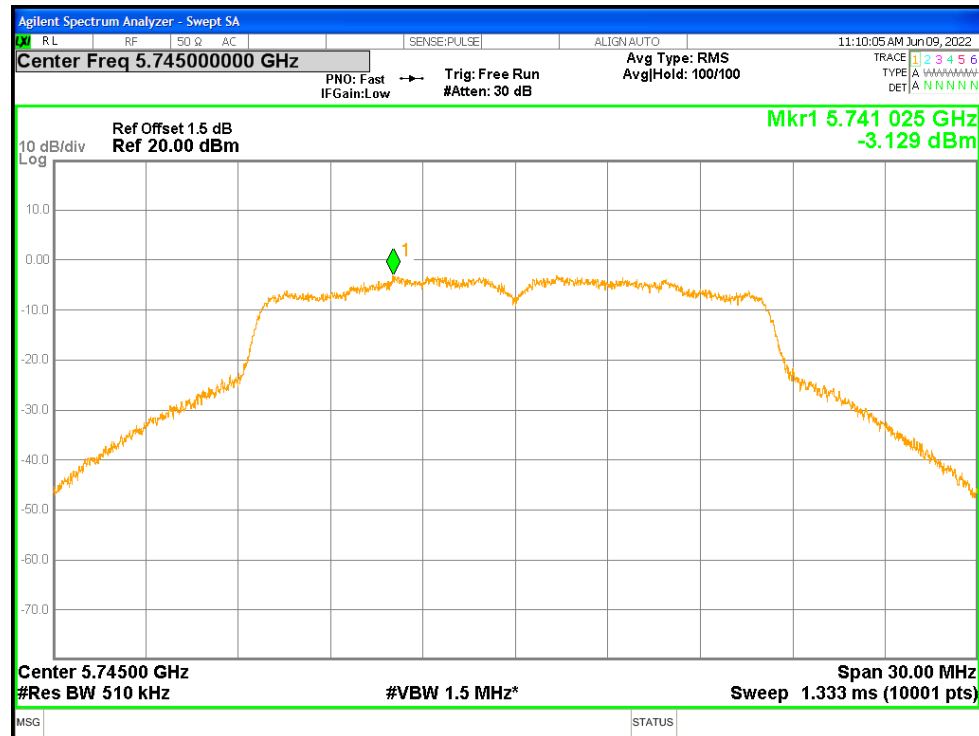
5725-5850MHz								
Frequency	Direct measurement Ant_A Power Density (dBm)	Direct measurement Ant_B Power Density (dBm)	Duty cycle factor (dB)	Final Ant_A Power Density (dBm)	Final Ant_B Power Density (dBm)	Power Density Total (dBm)	Limit (dBm/500KHz)	Result
802.11a								
5745	-3.13	-3.21	1.16	-1.970	-2.050	--	30	PASS
5785	-3.31	-3.1	1.17	-2.140	-1.930	--	30	PASS
5825	-3.33	-3.32	1.16	-2.170	-2.160	--	30	PASS
802.11n20								
5745	-2.92	-3.09	1.01	-1.910	-2.080	1.016	30	PASS
5785	-3.41	-3.1	1.02	-2.390	-2.080	0.778	30	PASS
5825	-3.43	-3.22	1.01	-2.420	-2.210	0.697	30	PASS
802.11n40								
5755	-6.11	-6	1	-5.110	-5.000	-2.044	30	PASS
5795	-6.65	-6.19	0.99	-5.660	-5.200	-2.414	30	PASS
802.11ac20								
5745	-3.33	-3.38	1.08	-2.250	-2.300	0.735	30	PASS
5785	-3.31	-2.94	1.1	-2.210	-1.840	0.989	30	PASS
5825	-3.57	-3.03	1.1	-2.470	-1.930	0.819	30	PASS
802.11ac40								
5755	-6.13	-6.27	1.13	-5.000	-5.140	-2.059	30	PASS
5795	-6.68	-6.07	1.12	-5.560	-4.950	-2.234	30	PASS
802.11ac80								
5775	-8.81	-9.21	1.1	-7.710	-8.110	-4.895	30	PASS

802.11ax20								
5745	-2.63	-3.21	0.73	-1.900	-2.480	0.830	30	PAS S
5785	-2.99	-3.06	0.73	-2.260	-2.330	0.715	30	PAS S
5825	-3	-2.67	0.73	-2.270	-1.940	0.908	30	PAS S
802.11ax40								
5755	-6.55	-6.69	1.02	-5.530	-5.670	-2.589	30	PAS S
5795	-6.31	-6.55	1.02	-5.290	-5.530	-2.398	30	PAS S
802.11ax80								
5775	-9.3	-9.49	1.1	-8.200	-8.390	-5.284	30	PAS S

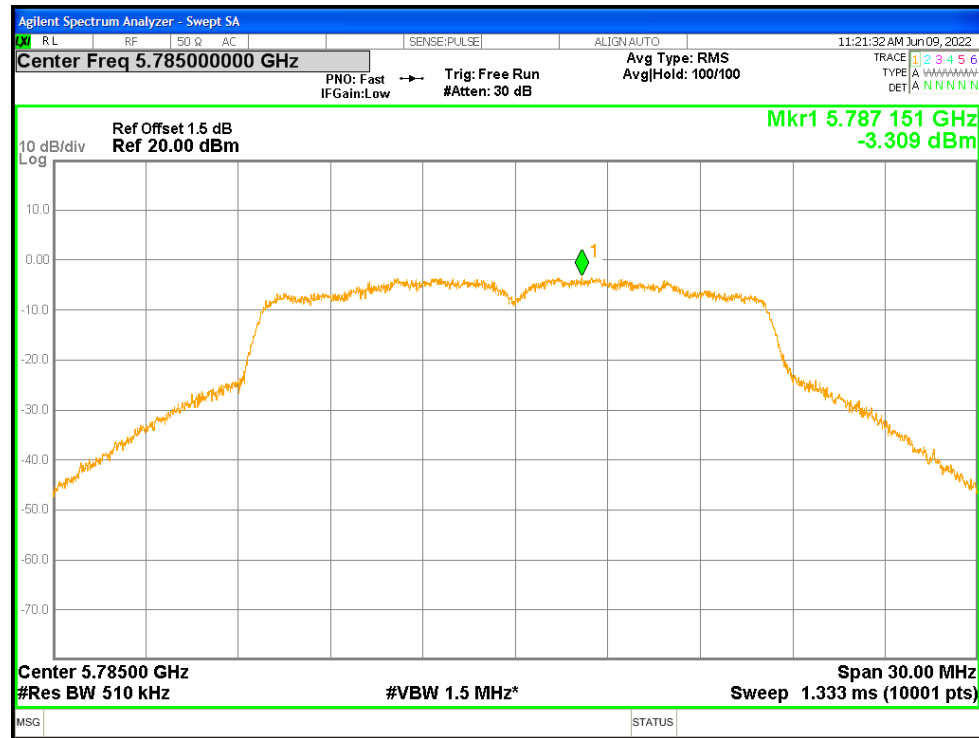
ANT_A

Test Graphs

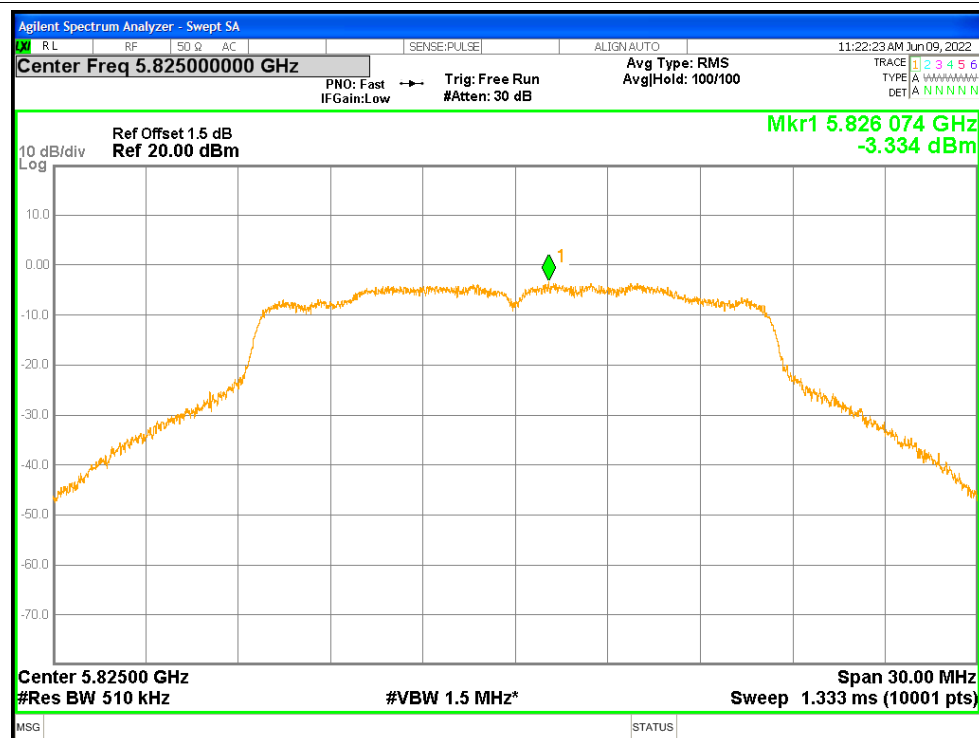
PSD NVNT a 5745MHz



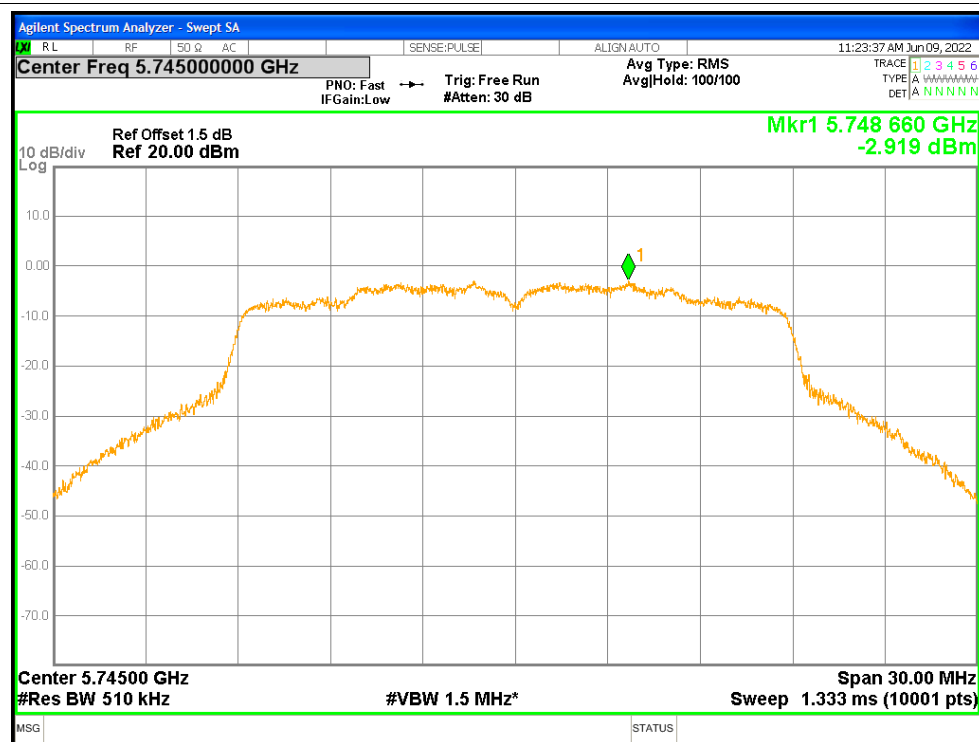
PSD NVNT a 5785MHz



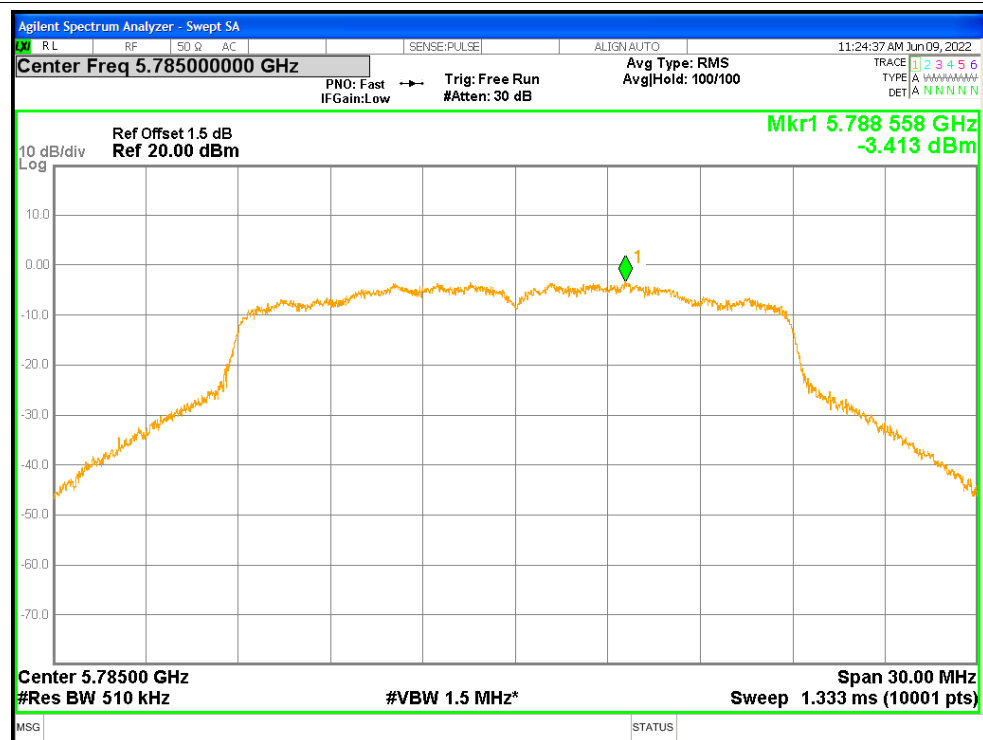
PSD NVNT a 5825MHz



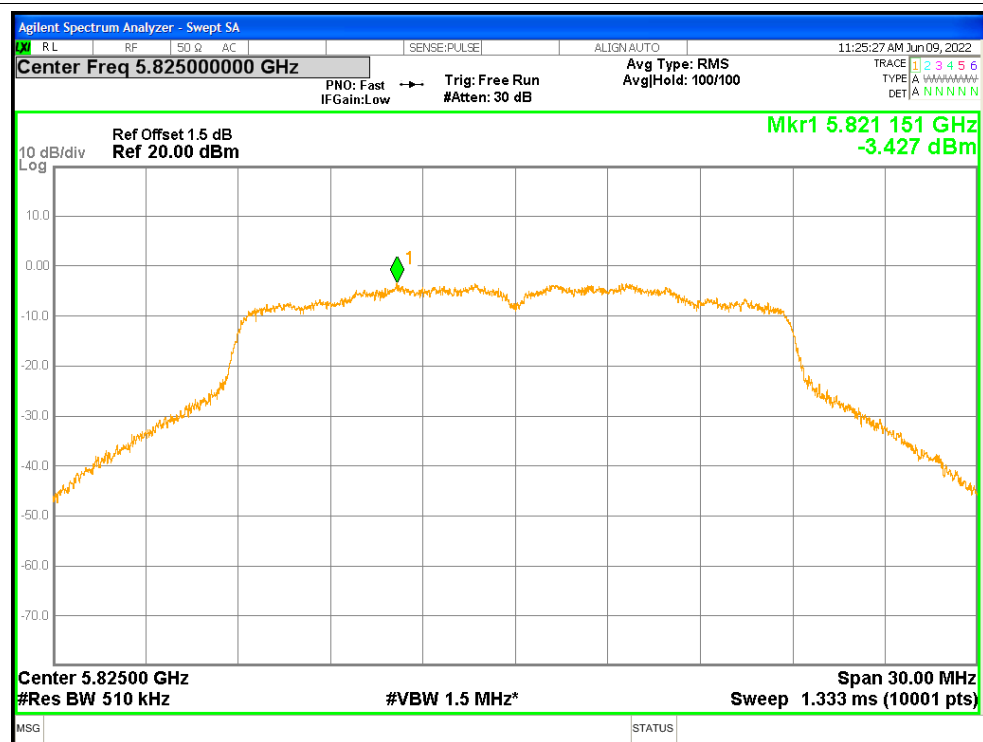
PSD NVNT n20 5745MHz



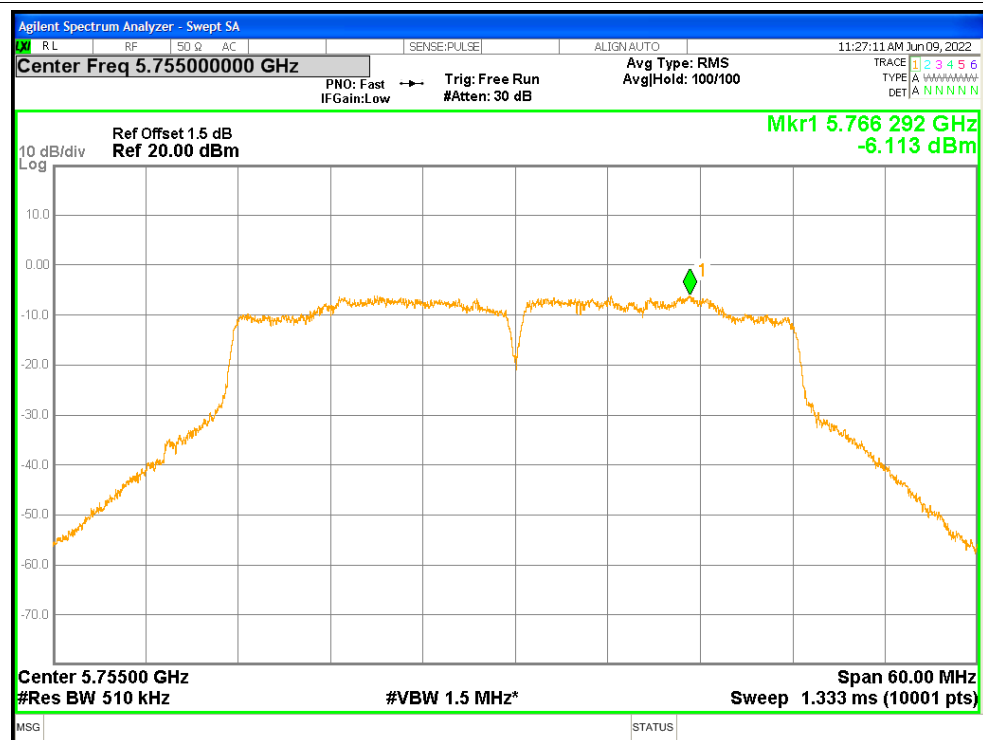
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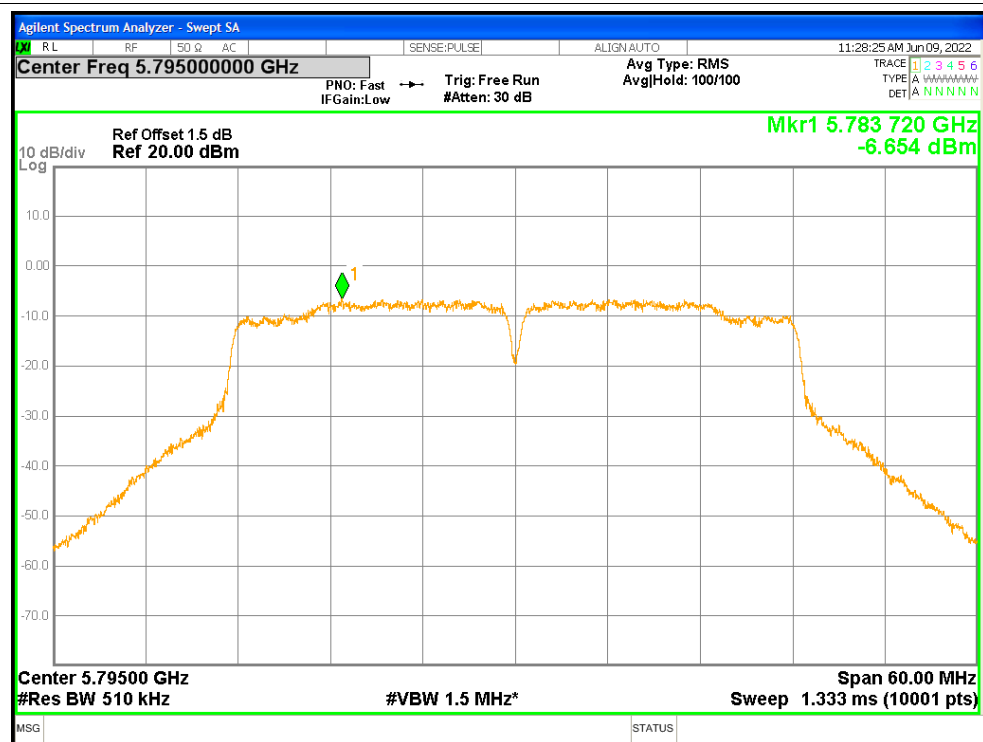
PSD NVNT n20 5825MHz



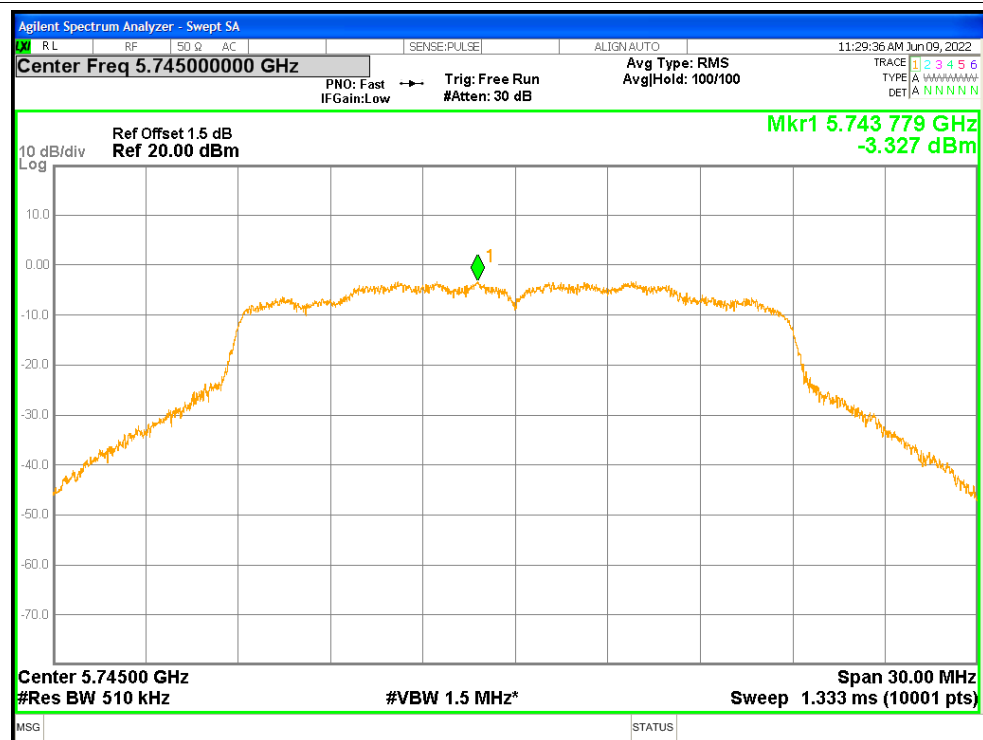
PSD NVNT n40 5755MHz



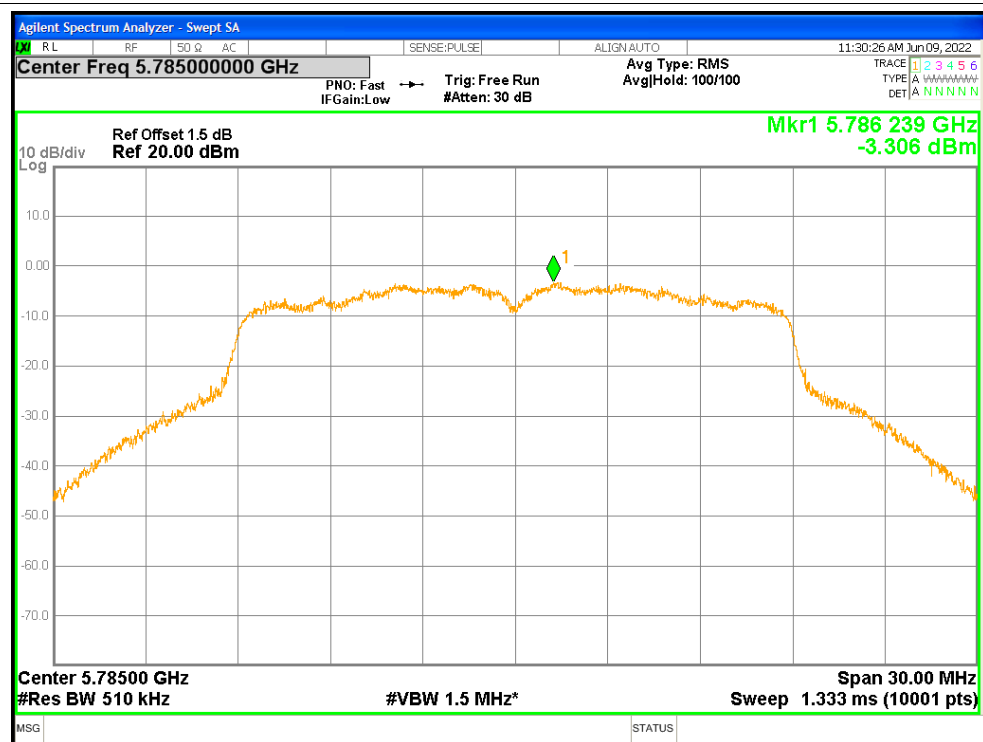
PSD NVNT n40 5795MHz



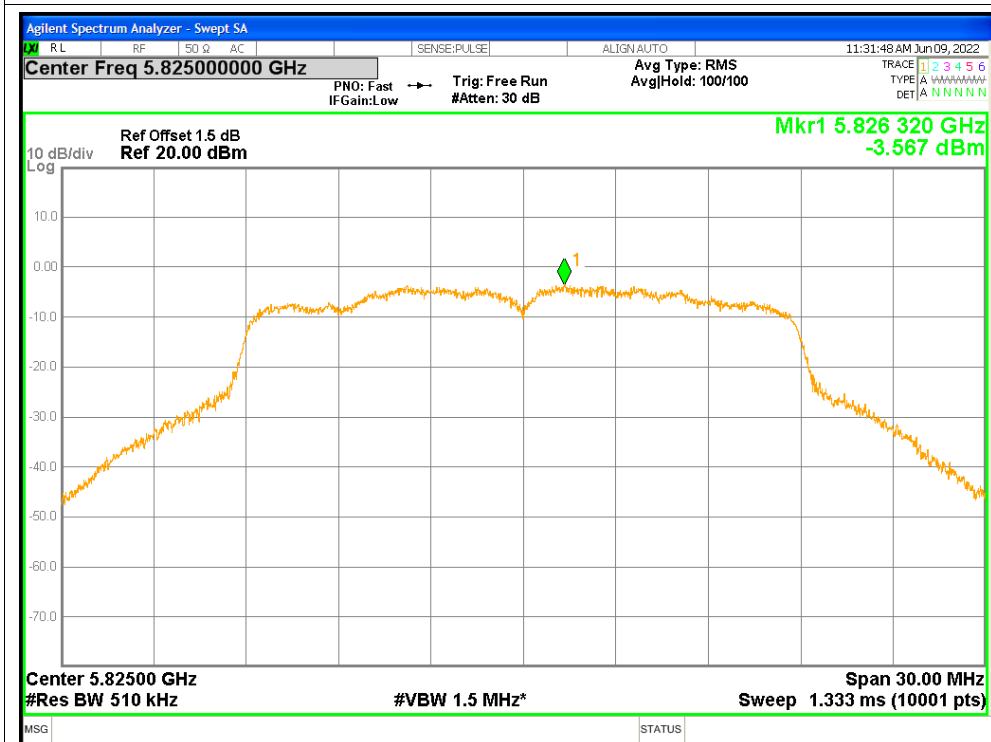
PSD NVNT ac20 5745MHz



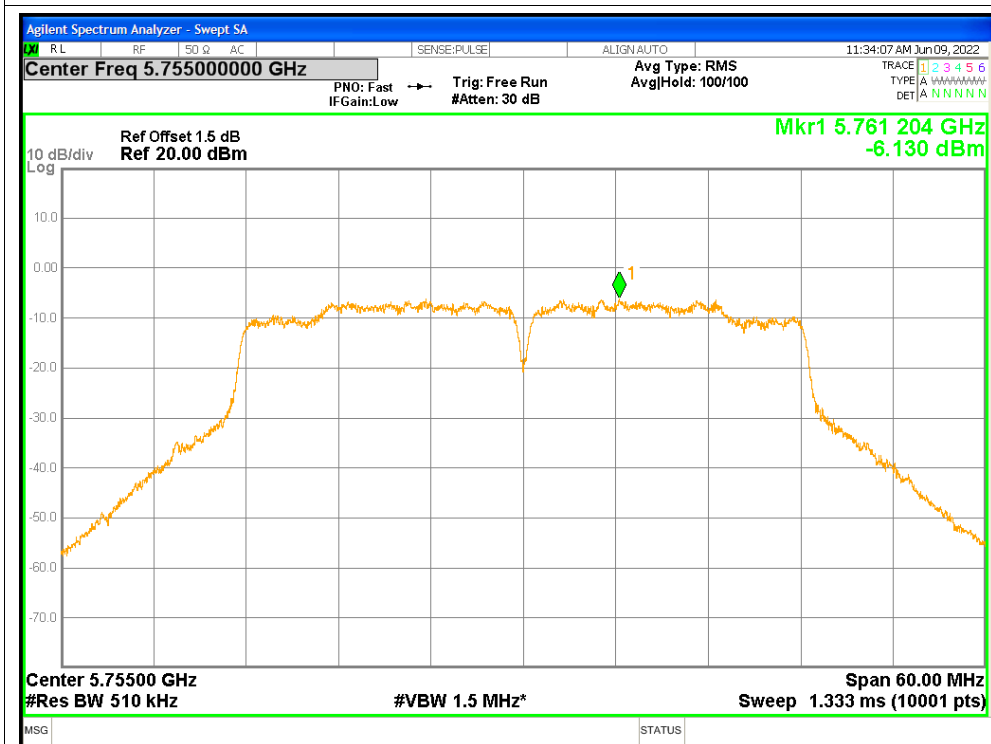
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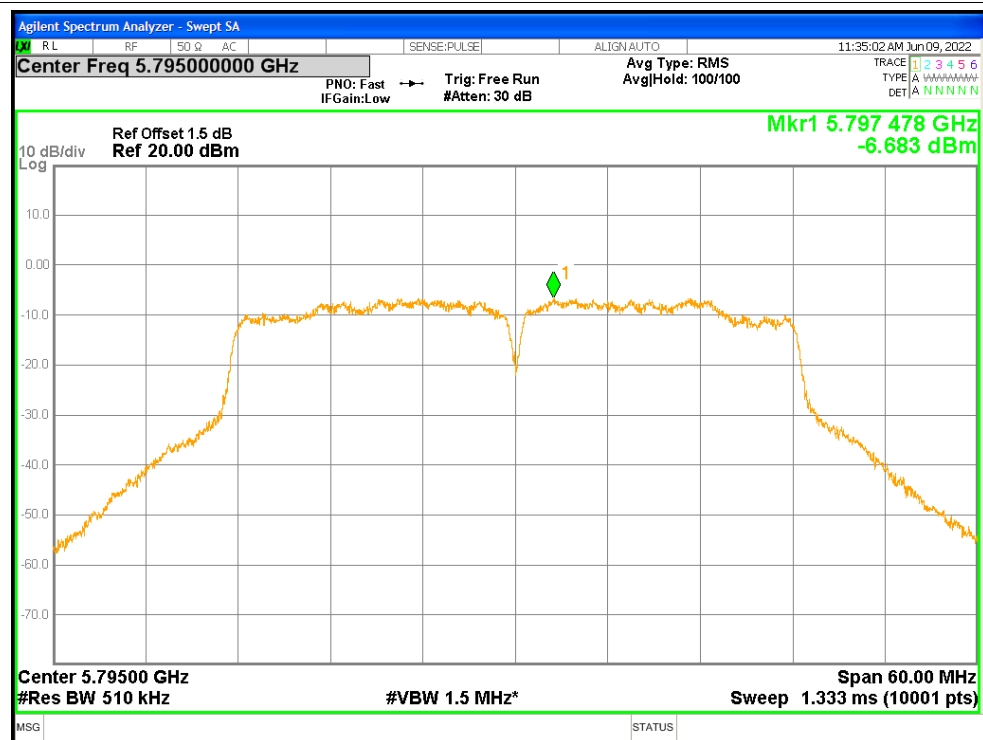
PSD NVNT ac20 5825MHz



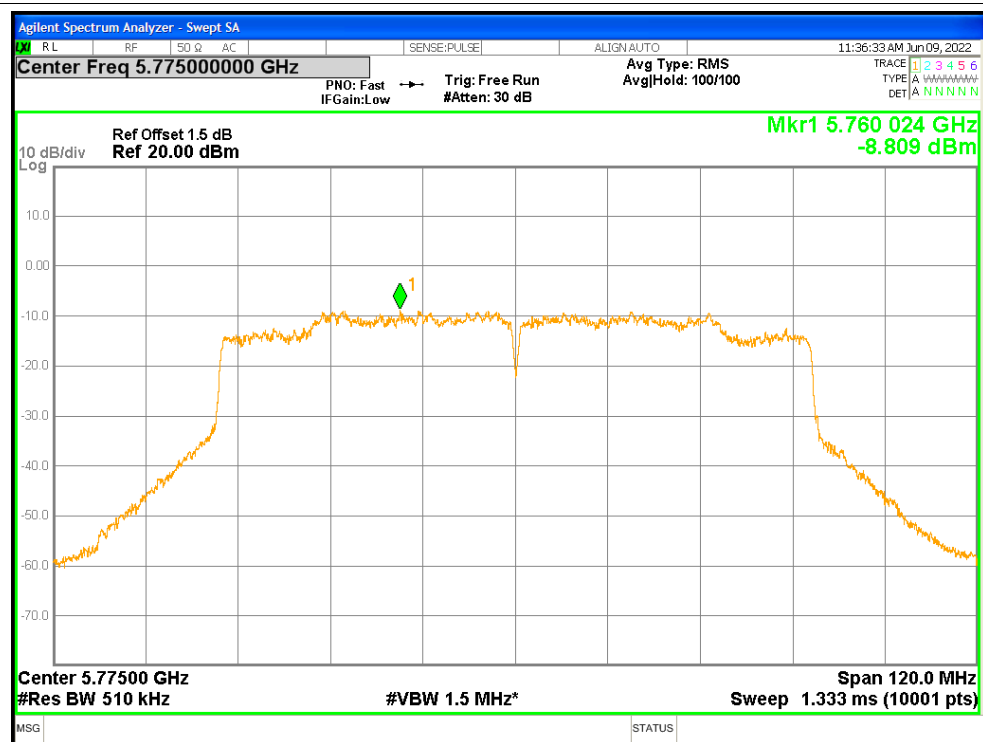
PSD NVNT ac40 5755MHz



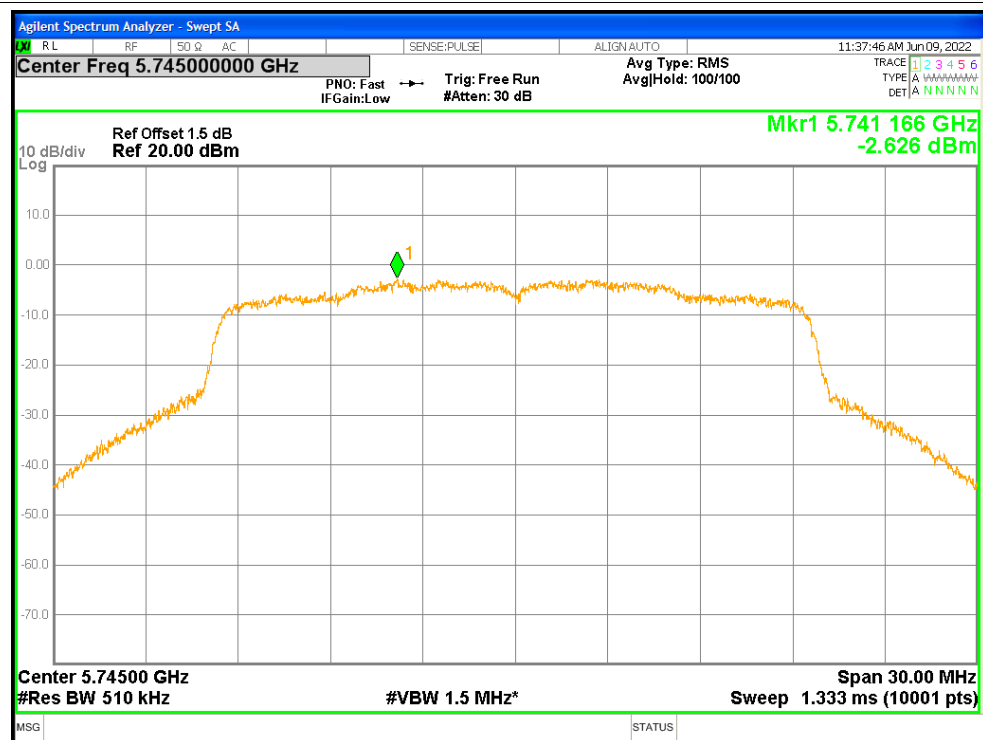
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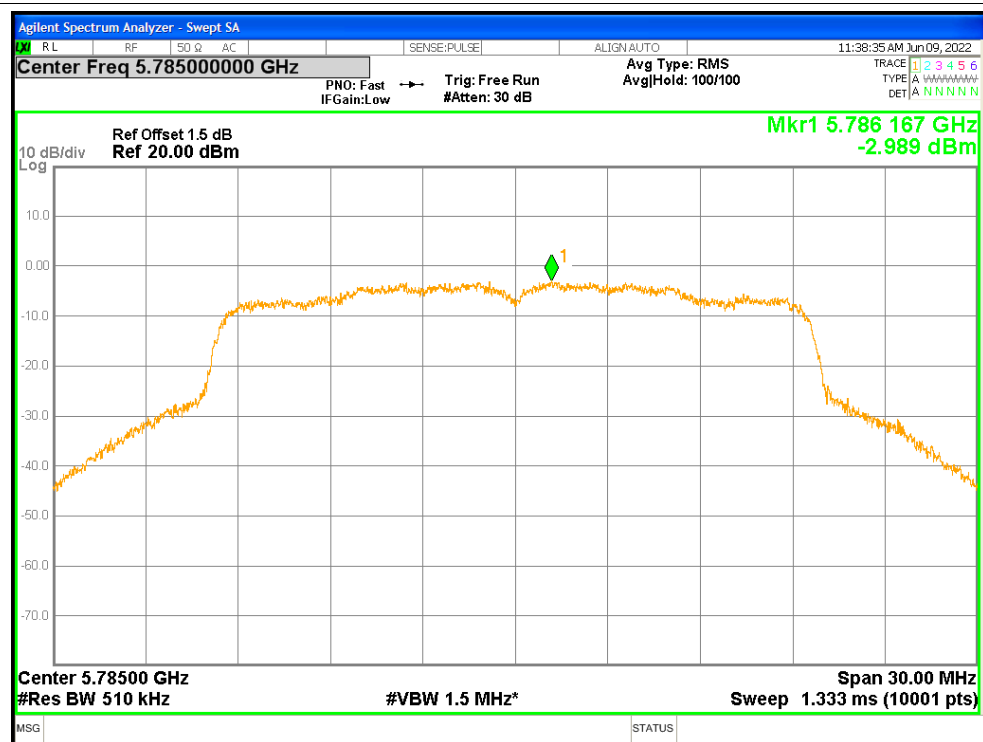
PSD NVNT ac80 5775MHz



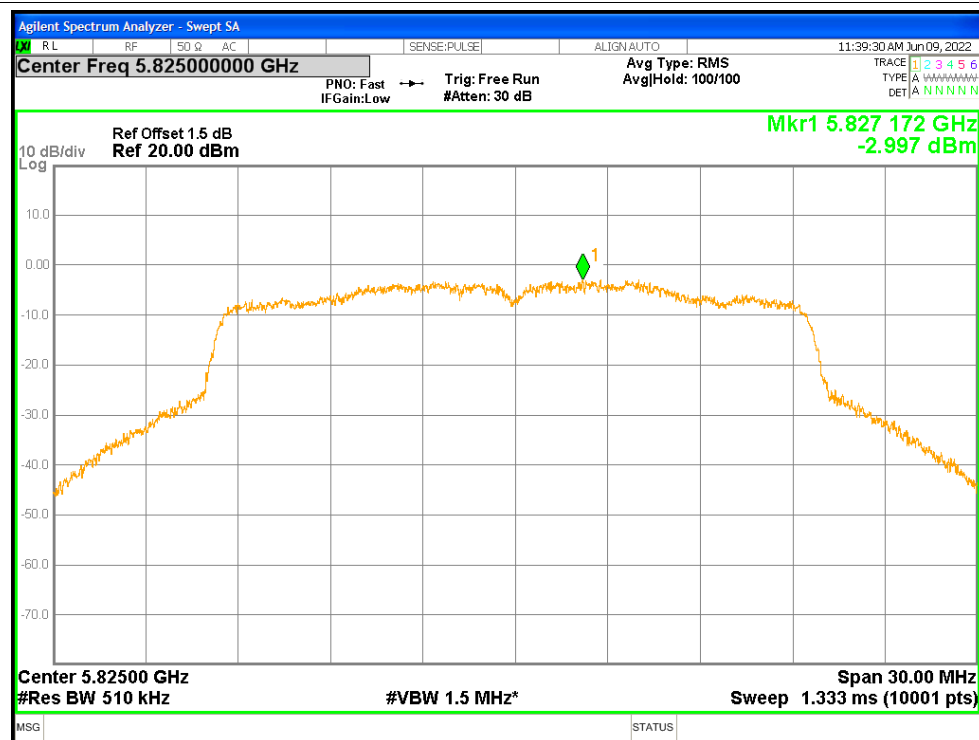
PSD NVNT ax20 5745MHz



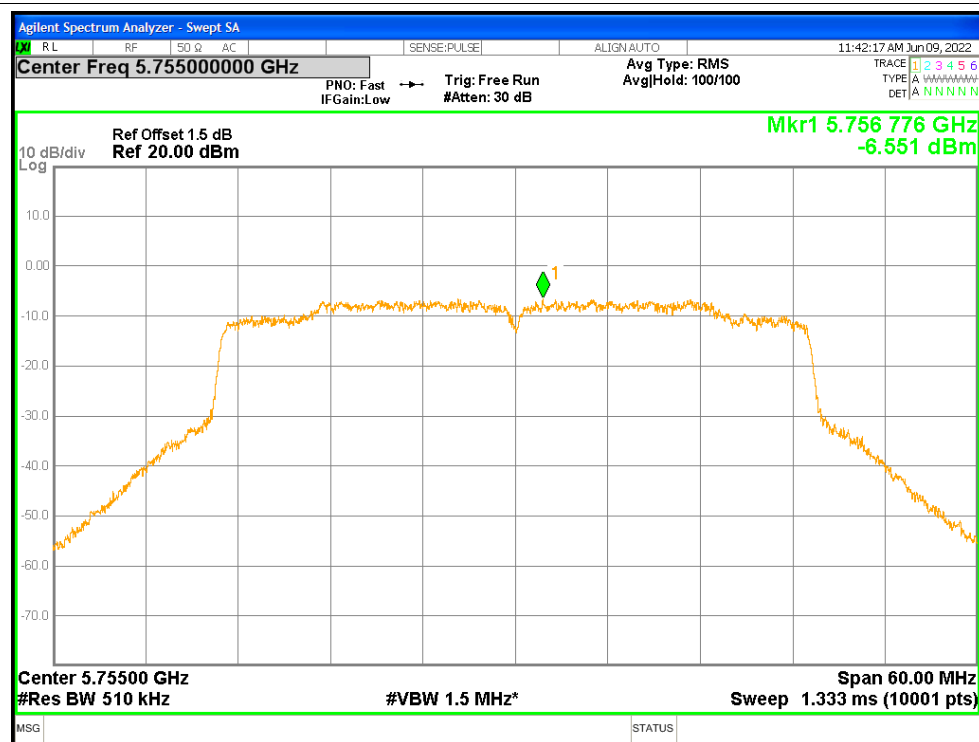
PSD NVNT ax20 5785MHz



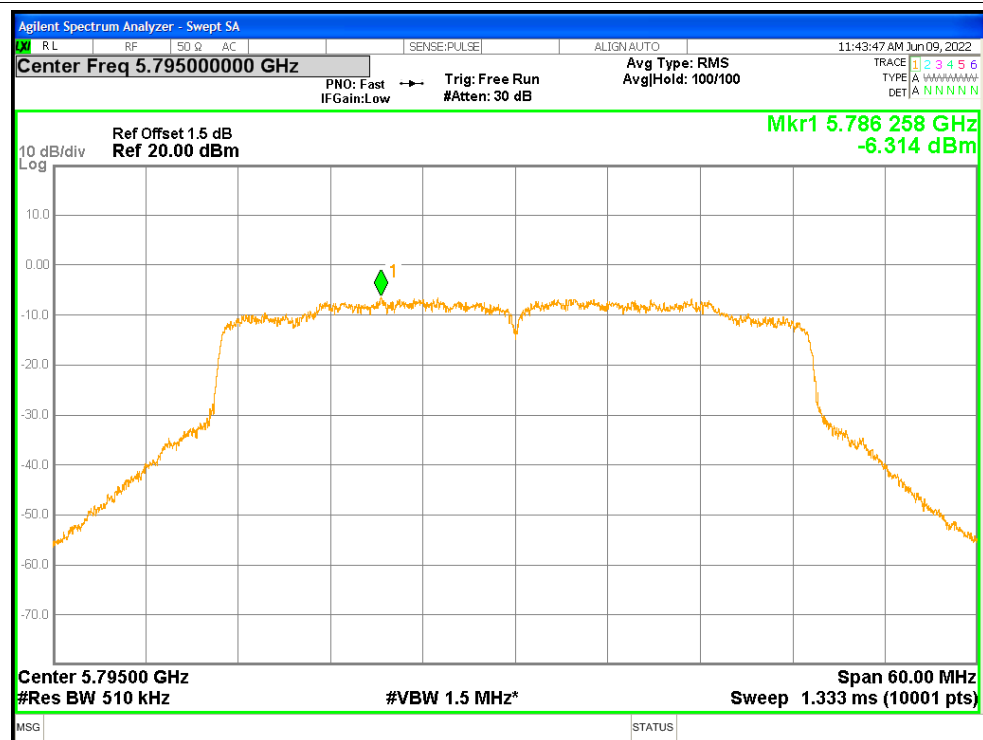
PSD NVNT ax20 5825MHz



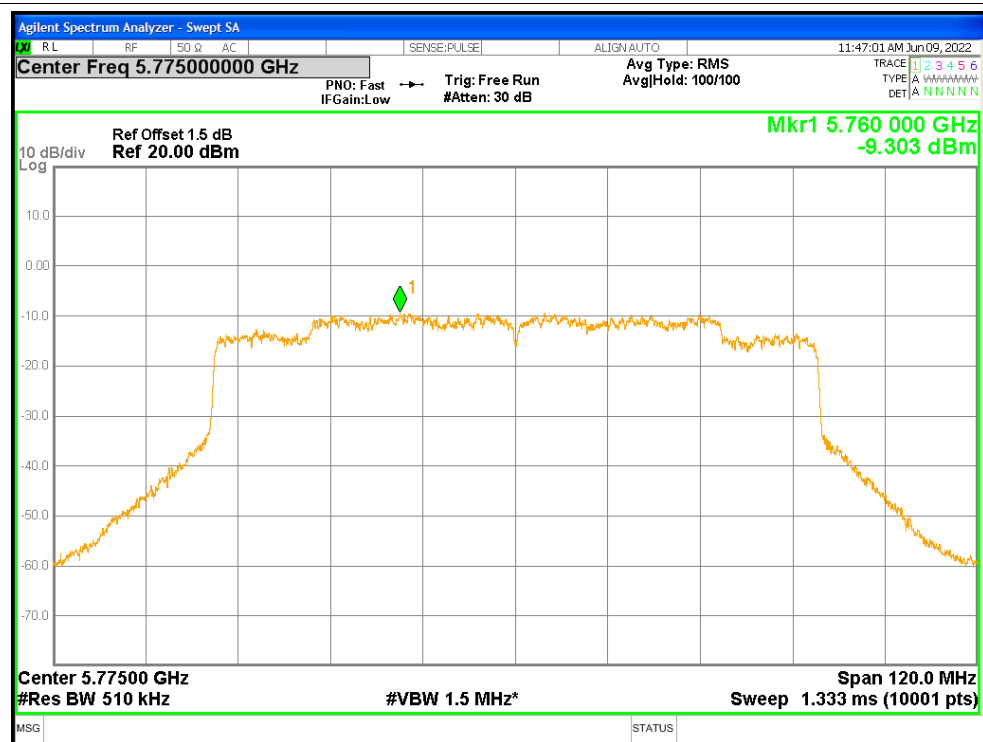
PSD NVNT ax40 5755MHz



PSD NVNT ax40 5795MHz



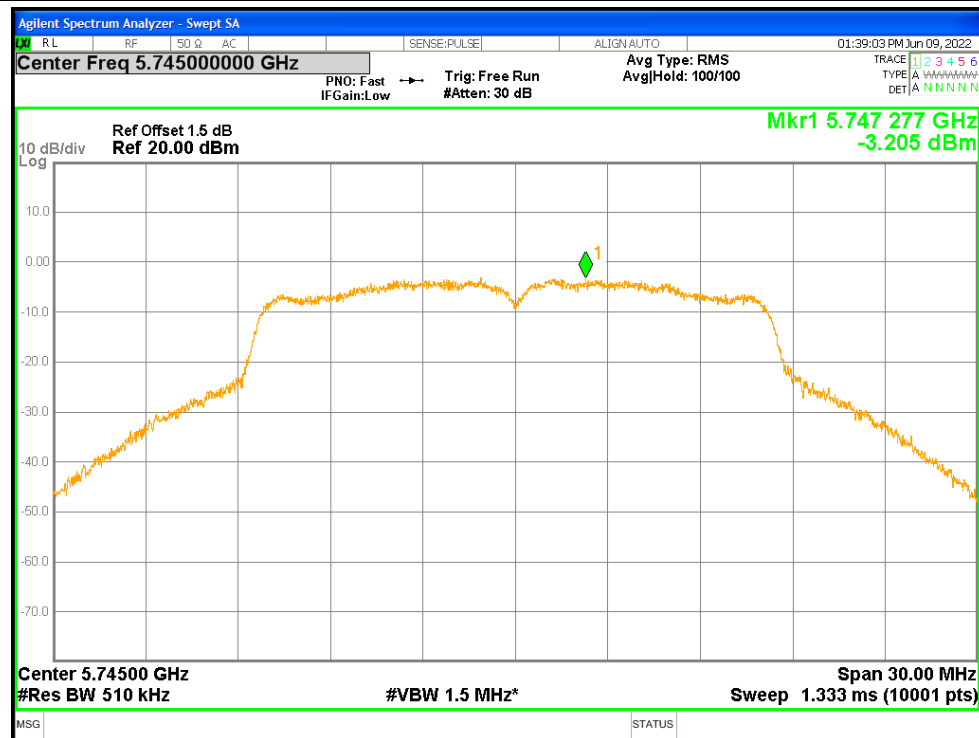
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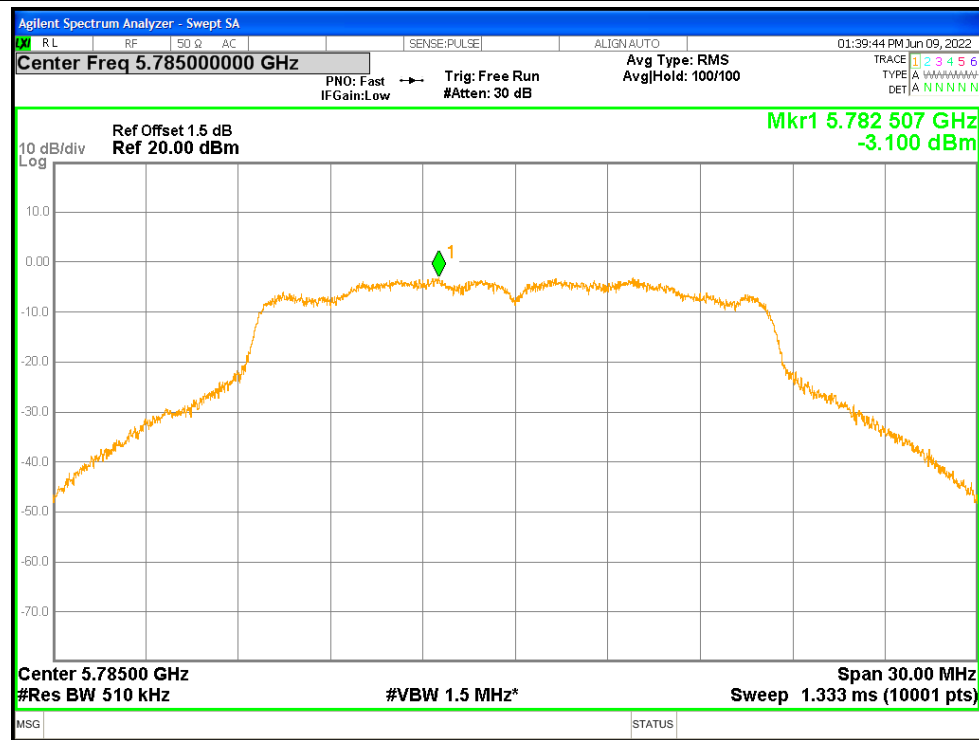
ANT_B

Test Graphs

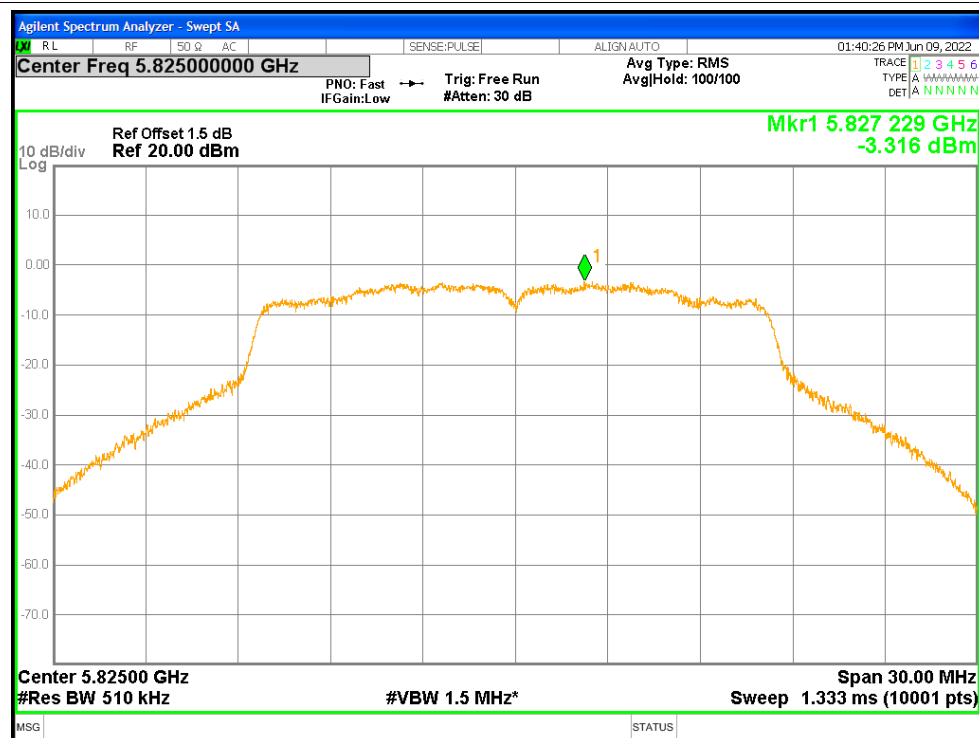
PSD NVNT a 5745MHz



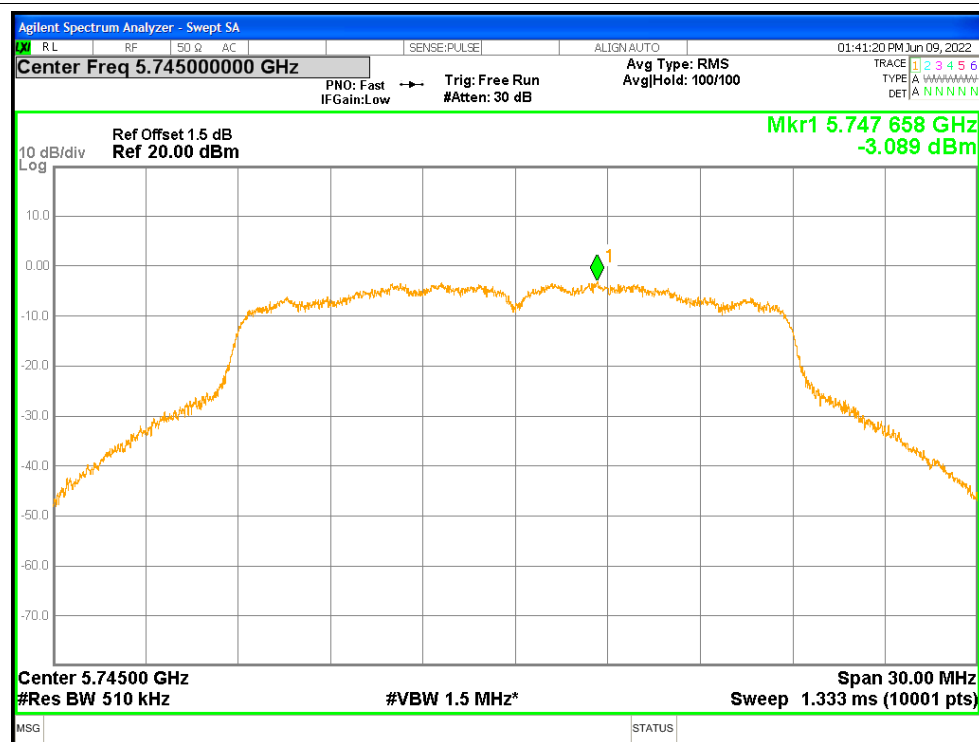
PSD NVNT a 5785MHz



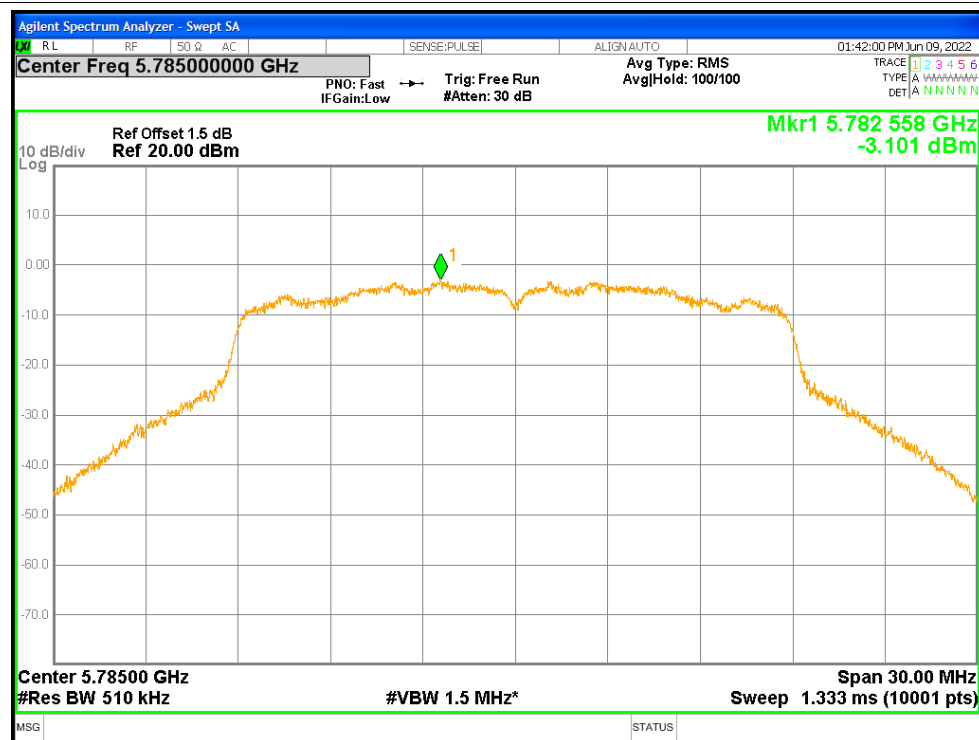
PSD NVNT a 5825MHz



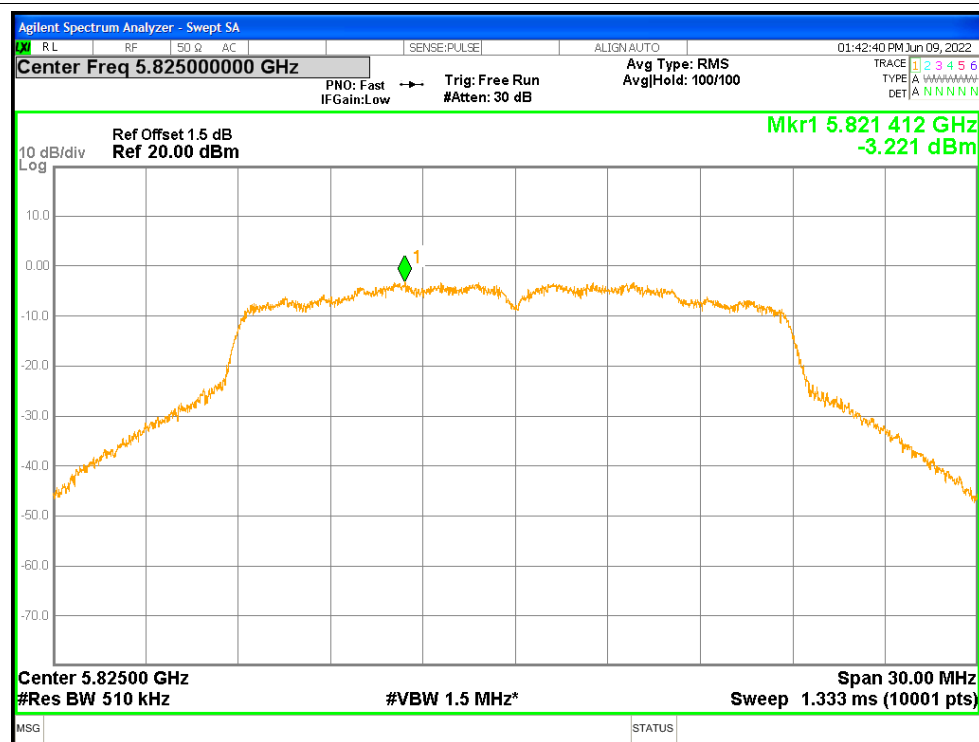
PSD NVNT n20 5745MHz



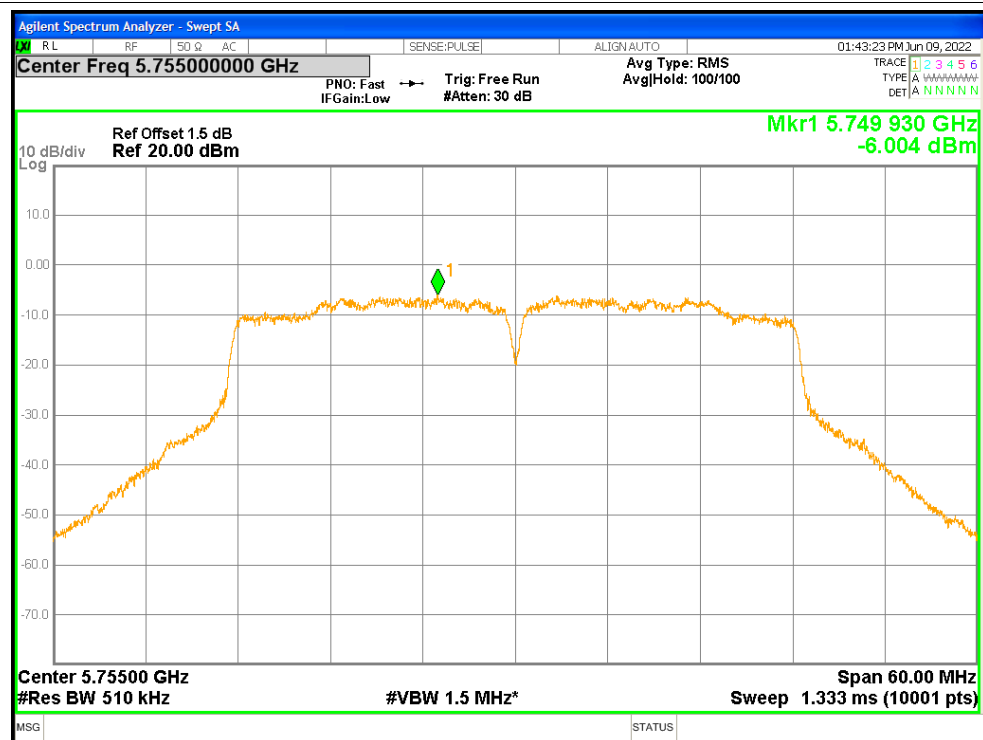
PSD NVNT n20 5785MHz



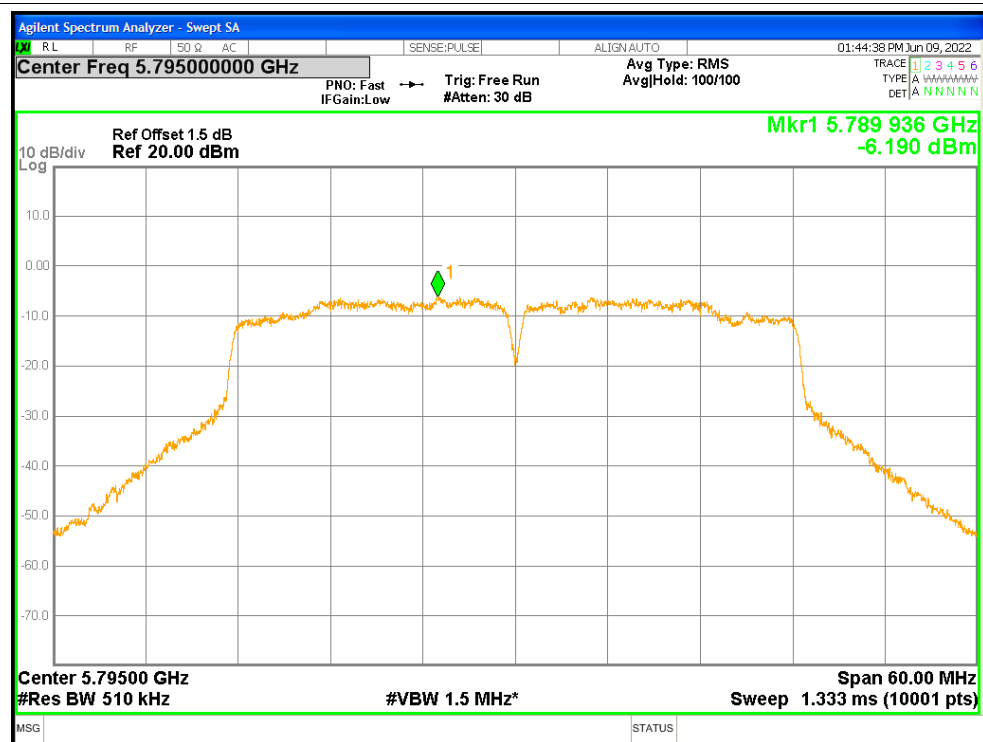
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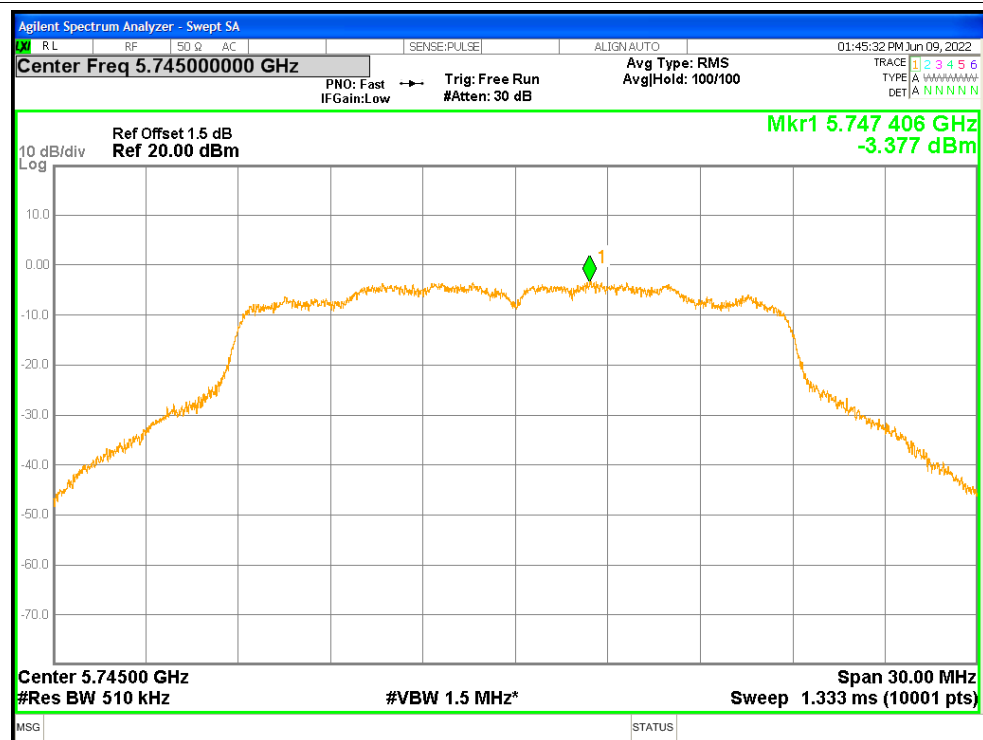
PSD NVNT n40 5755MHz



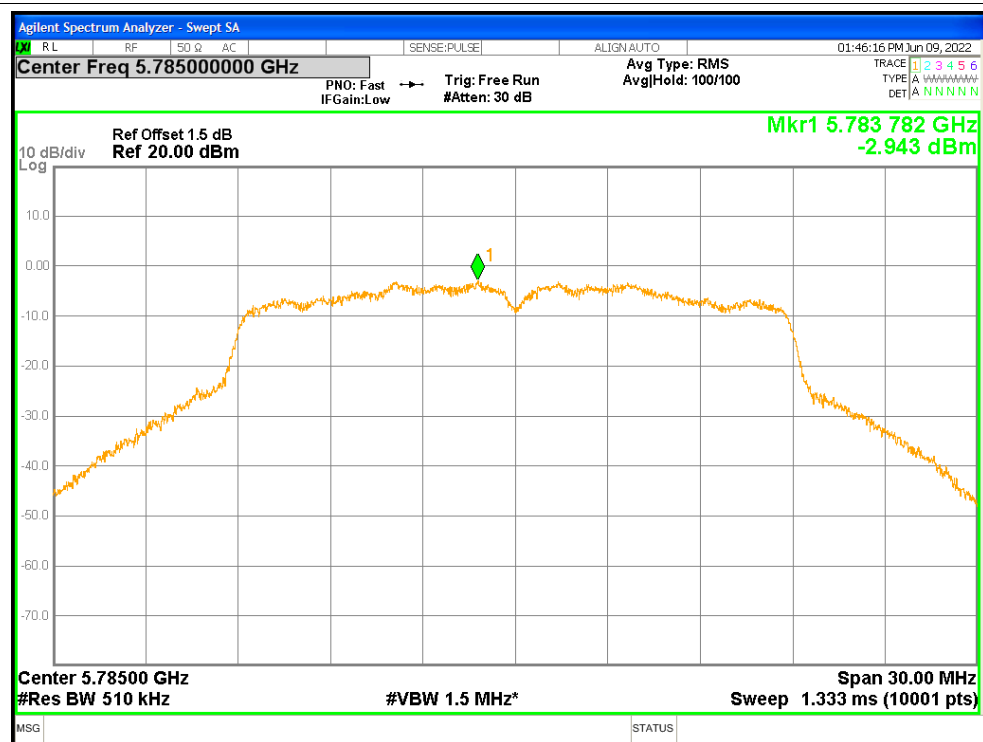
PSD NVNT n40 5795MHz



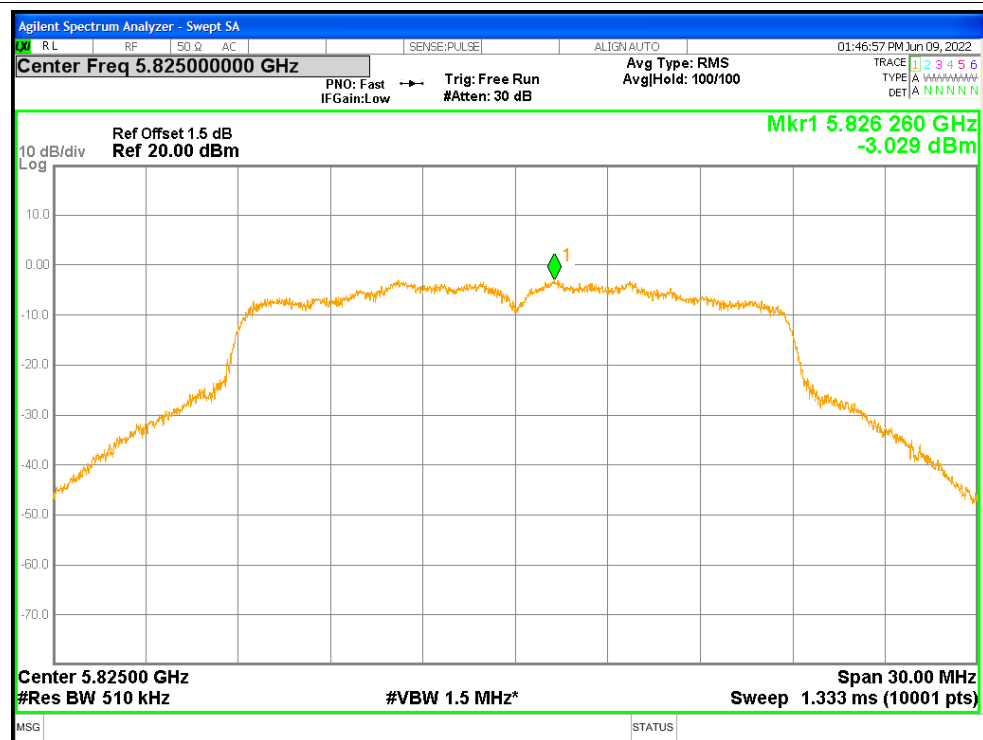
PSD NVNT ac20 5745MHz



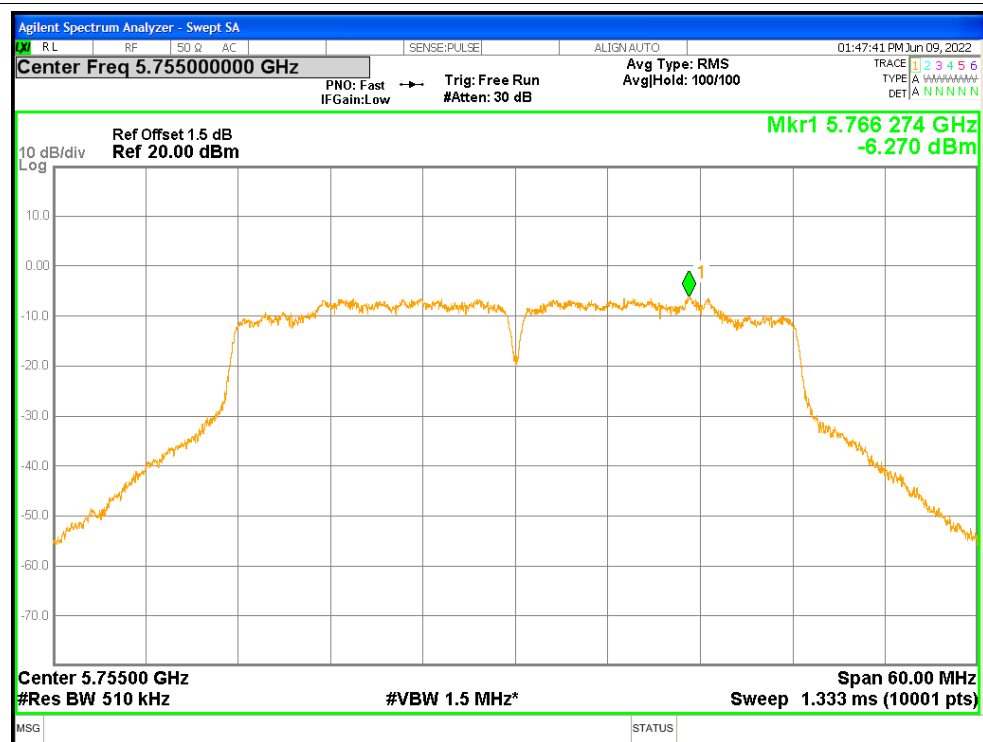
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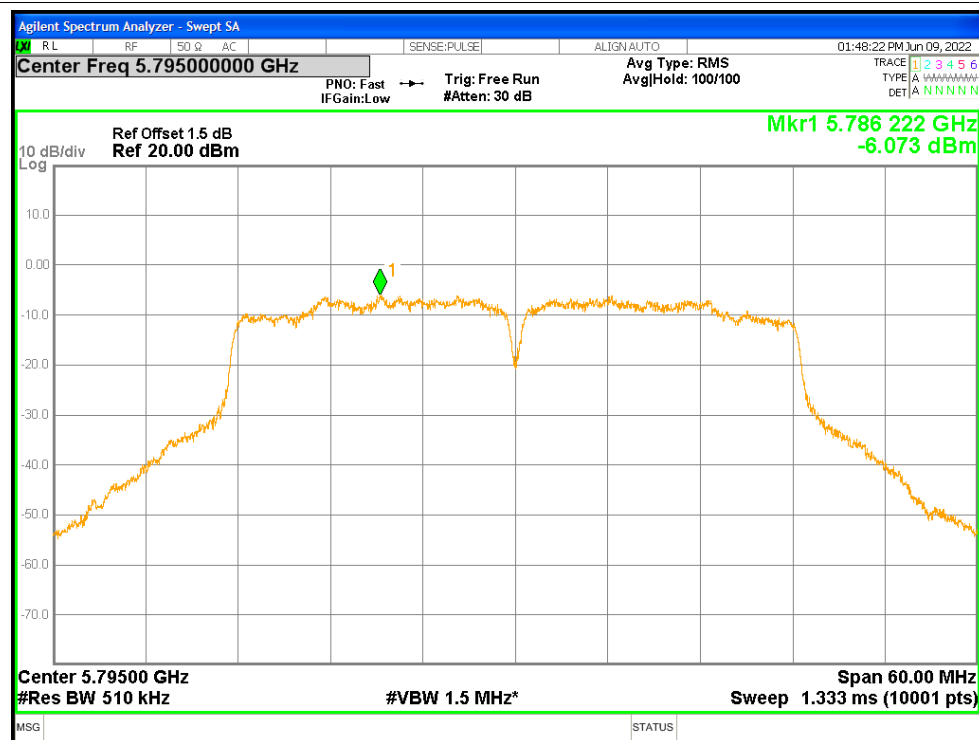
PSD NVNT ac20 5825MHz



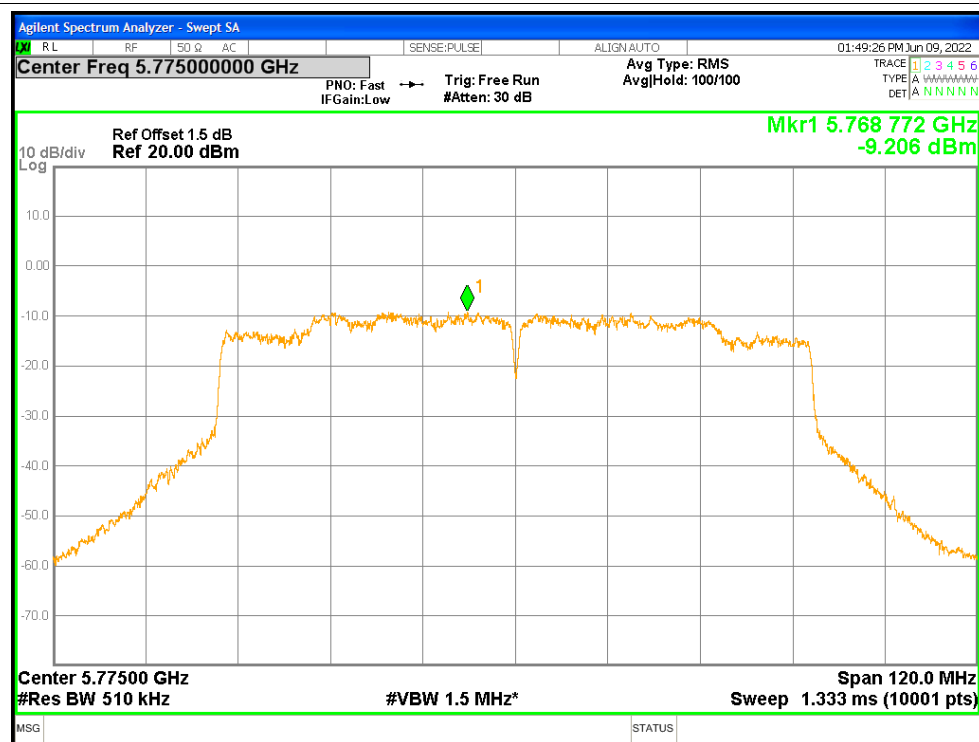
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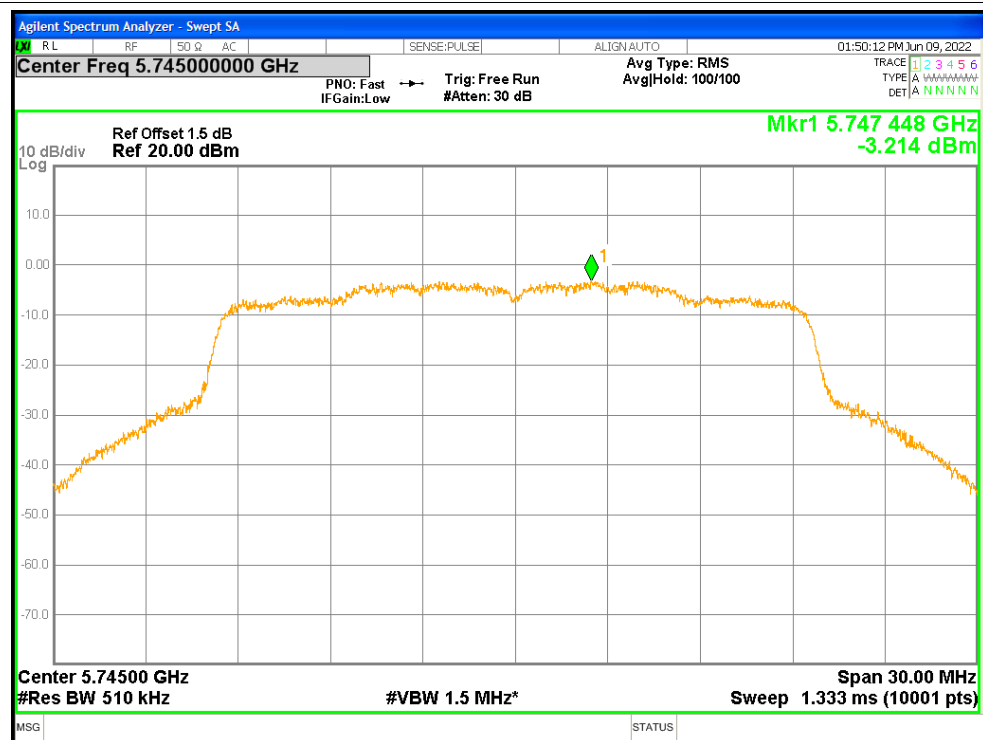
PSD NVNT ac40 5795MHz



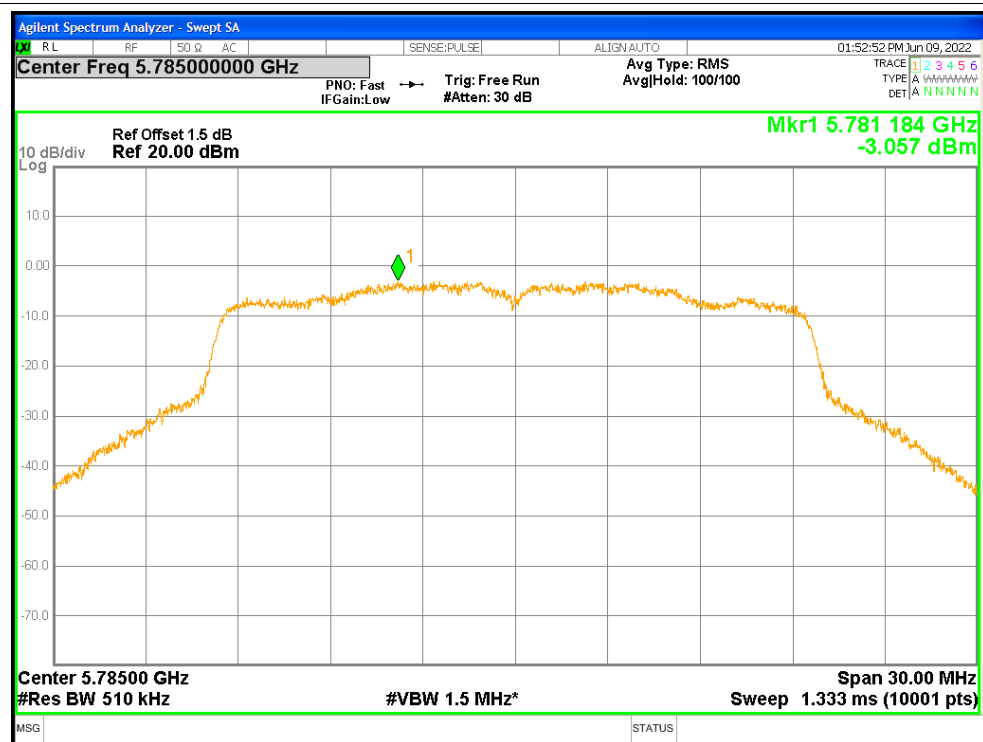
PSD NVNT ac80 5775MHz



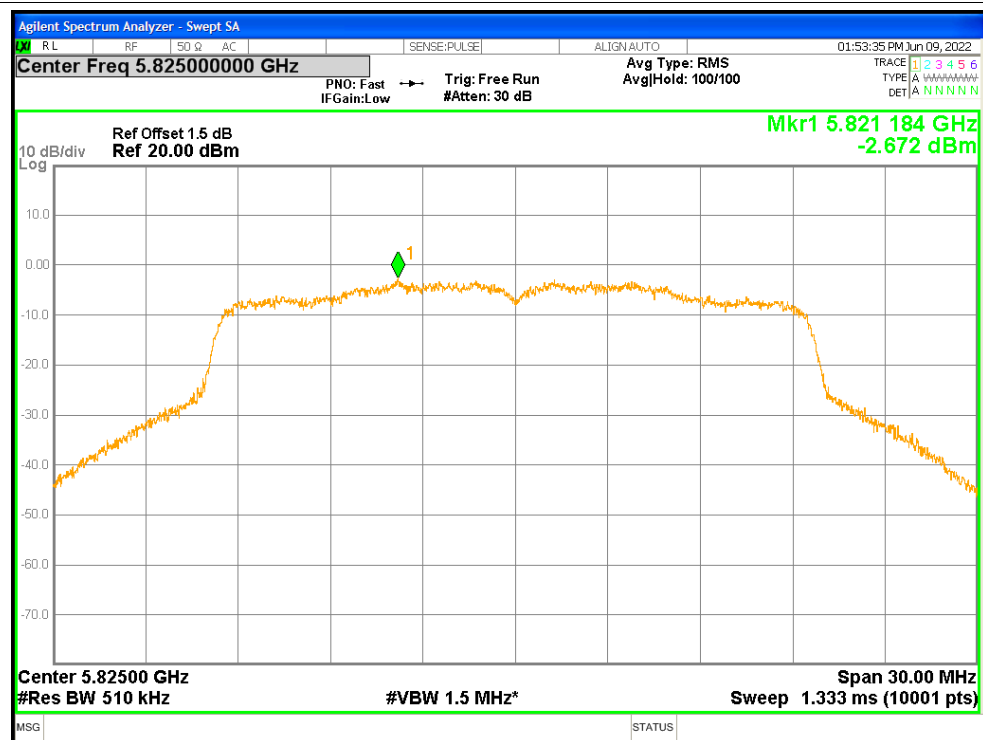
PSD NVNT ax20 5745MHz



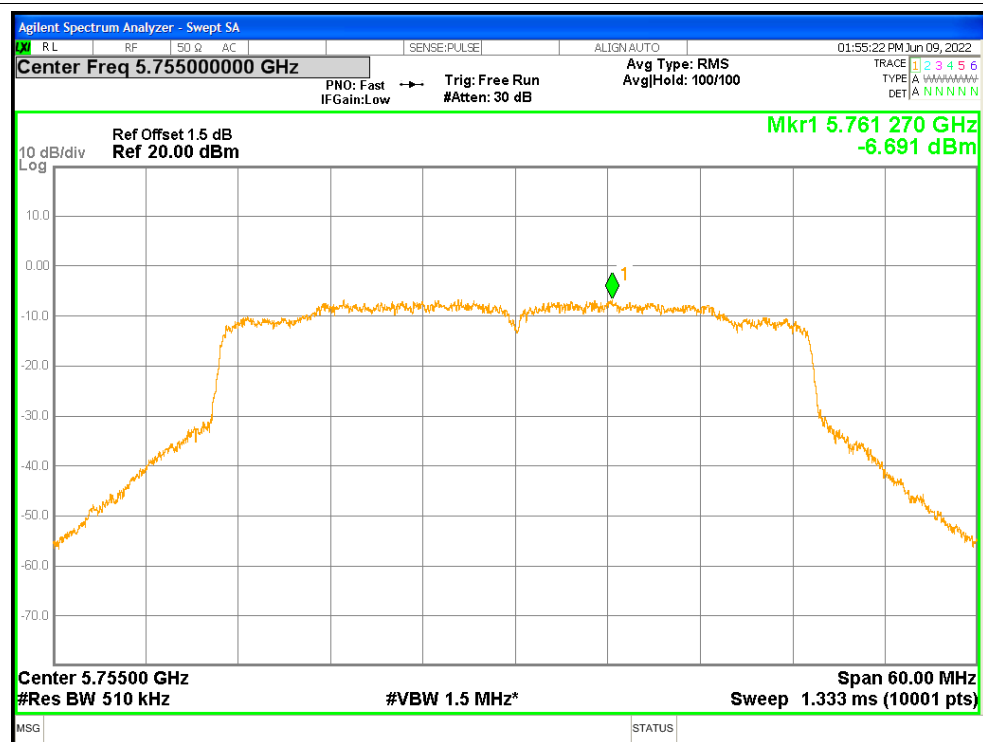
PSD NVNT ax20 5785MHz



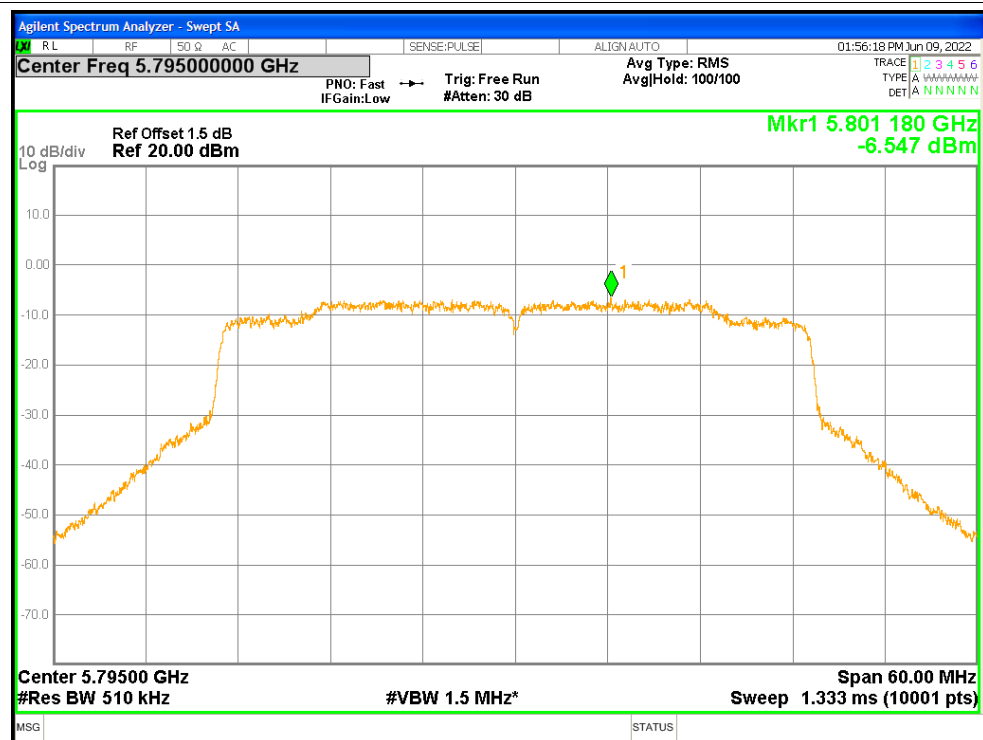
PSD NVNT ax20 5825MHz



PSD NVNT ax40 5755MHz



PSD NVNT ax40 5795MHz



PSD NVNT ax80 5775MHz

