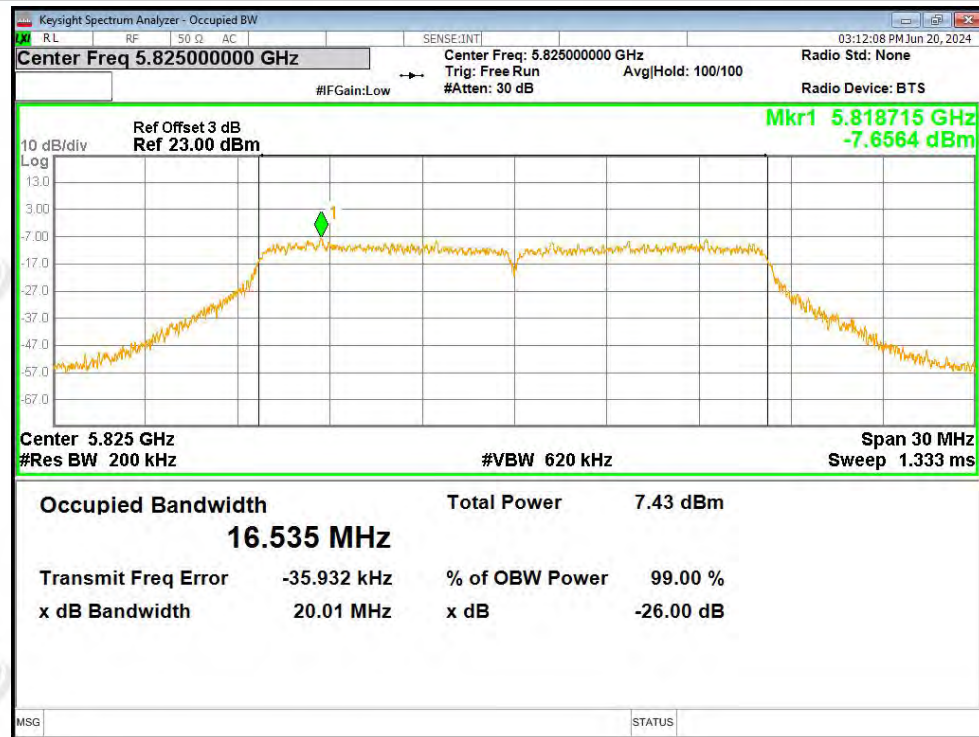
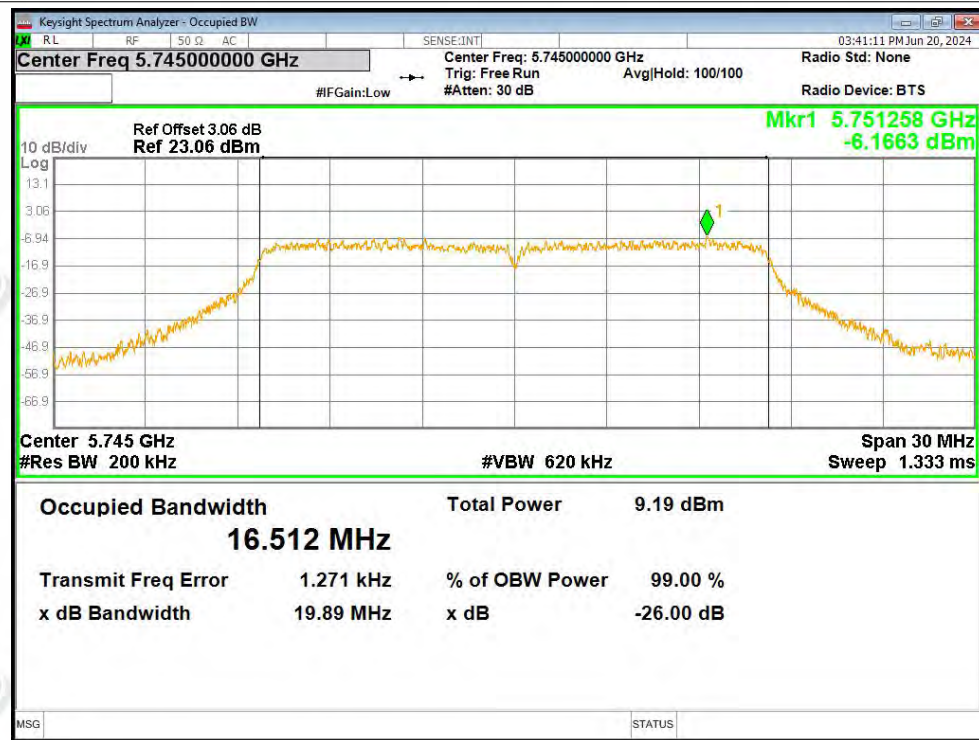




OBW NVNT a 5825MHz Ant1

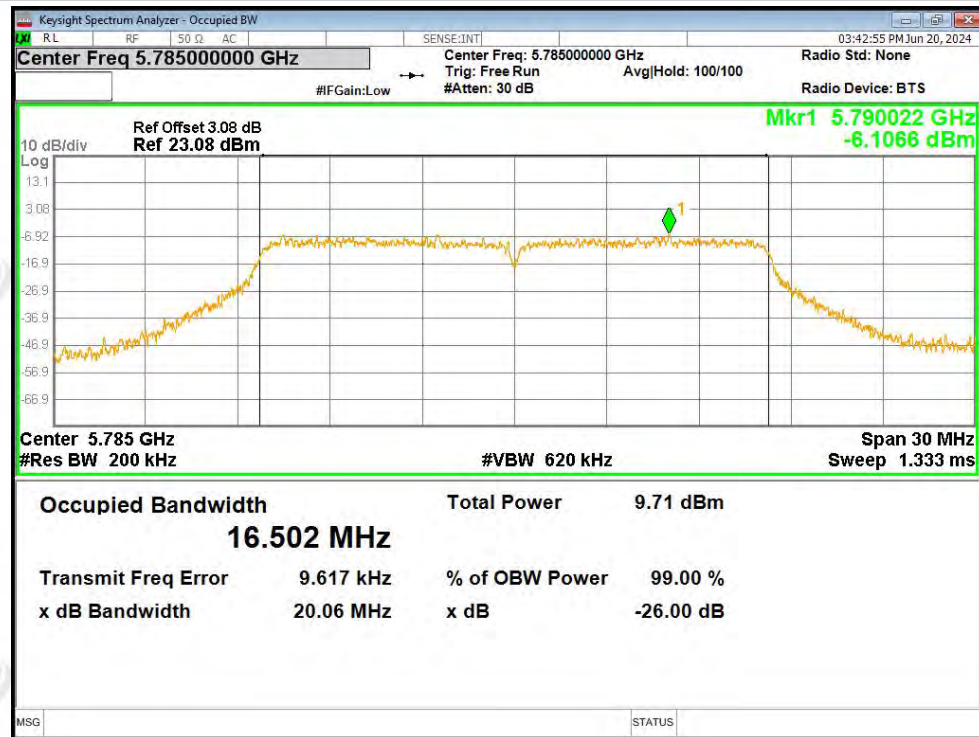


OBW NVNT a 5745MHz Ant2

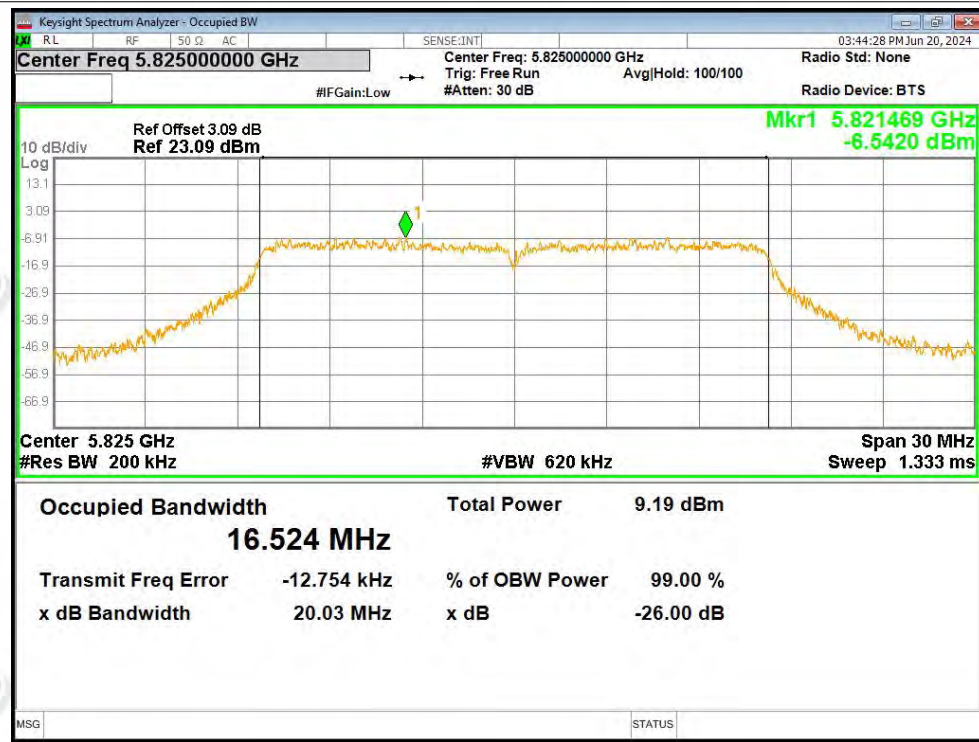




OBW NVNT a 5785MHz Ant2

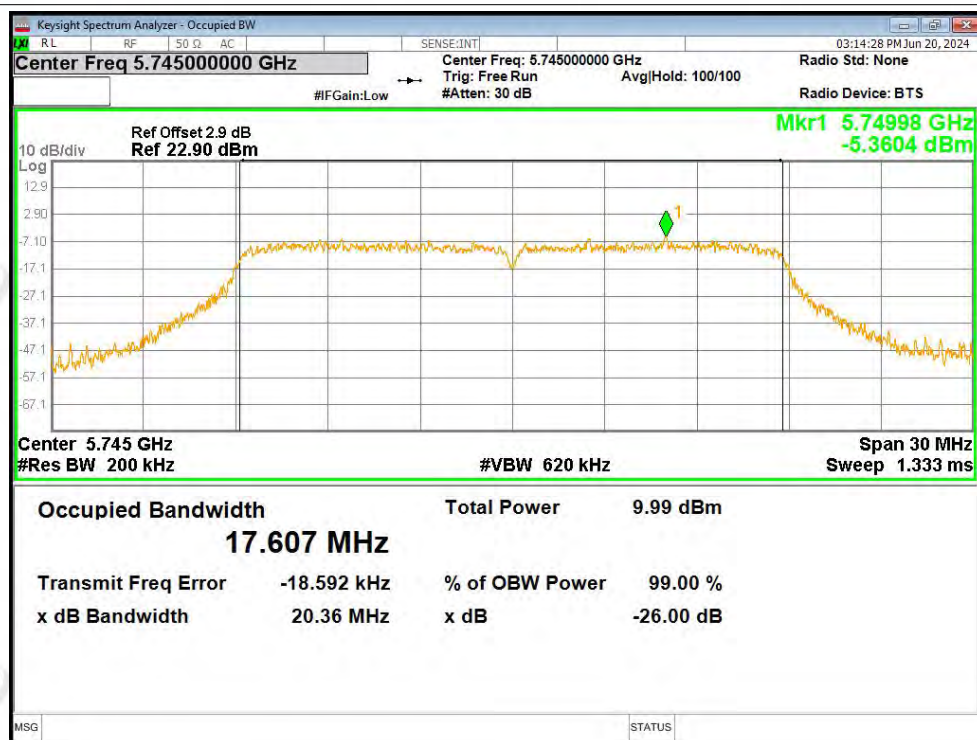


OBW NVNT a 5825MHz Ant2

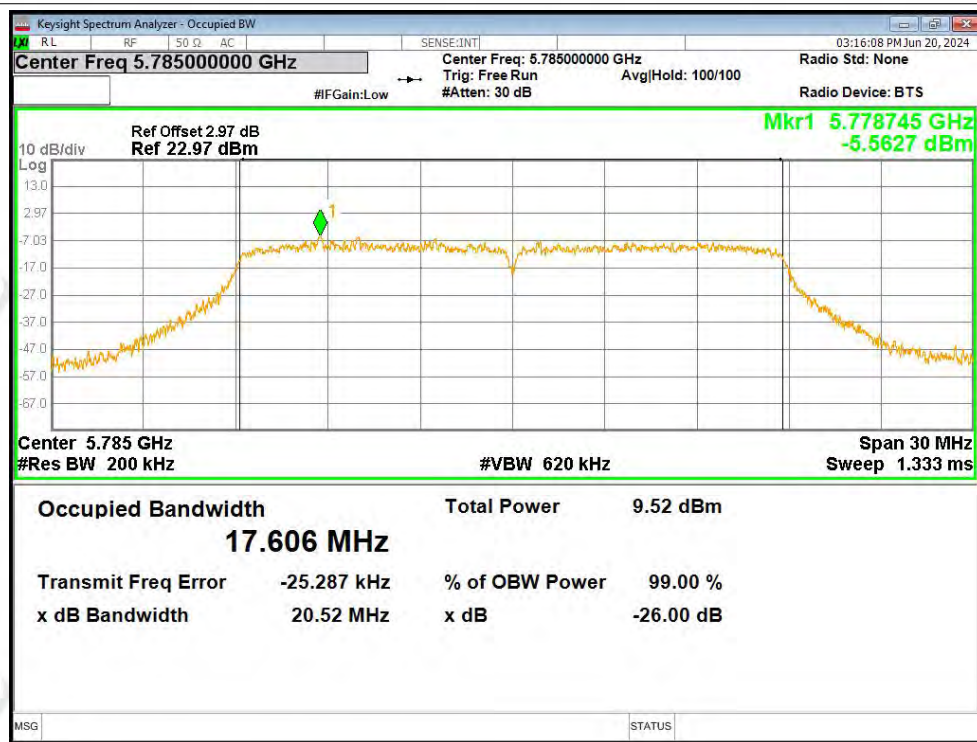




OBW NVNT n20 5745MHz Ant1

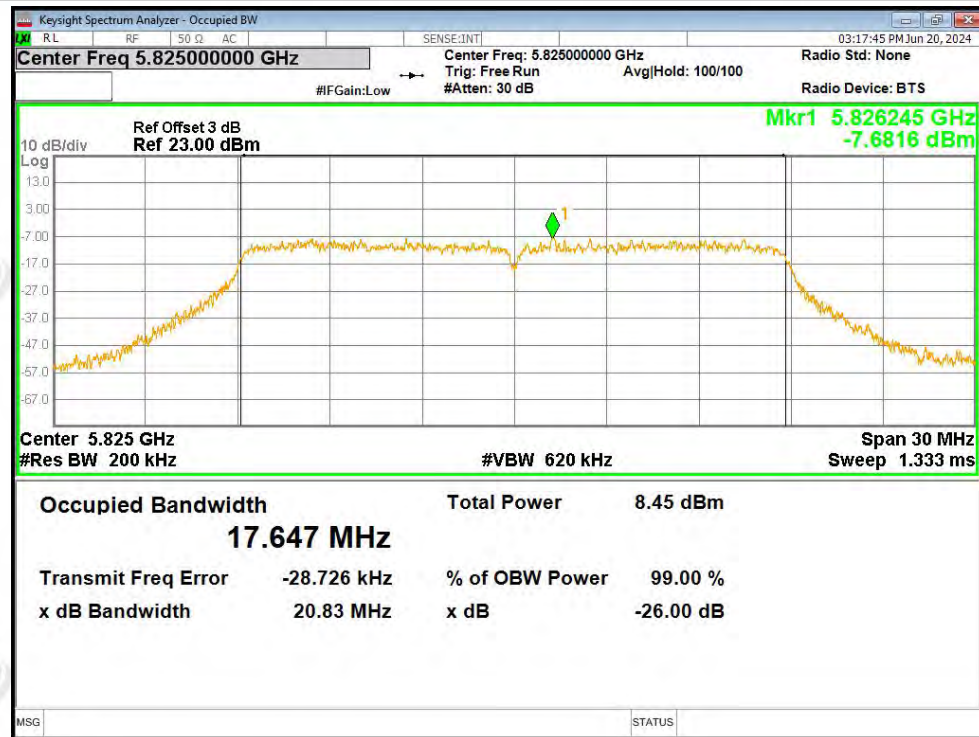


OBW NVNT n20 5785MHz Ant1

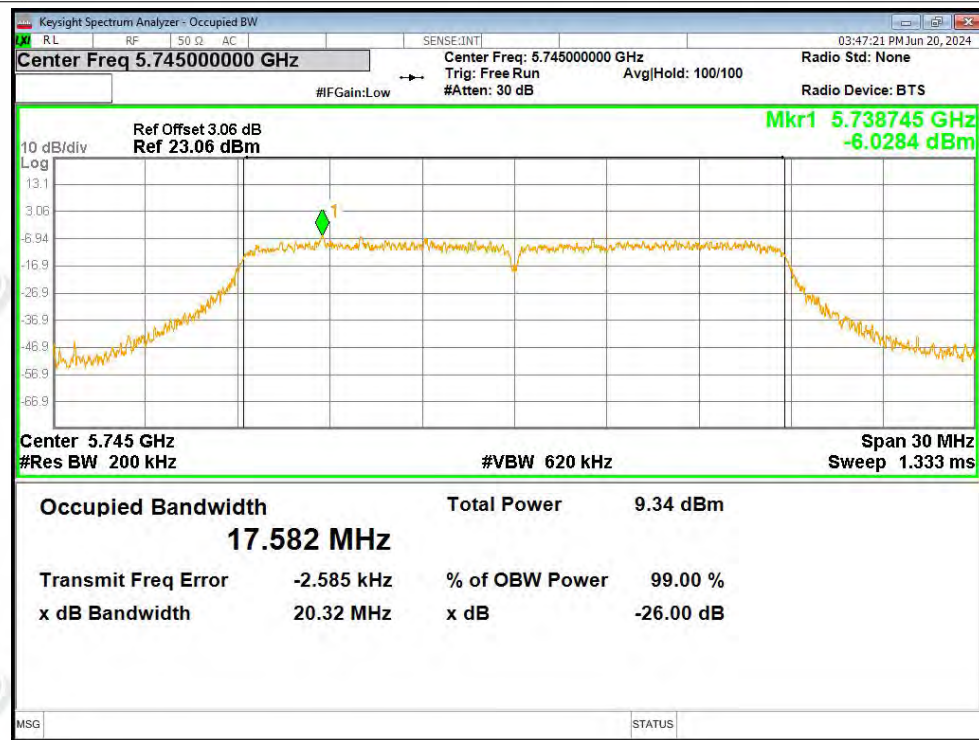




OBW NVNT n20 5825MHz Ant1

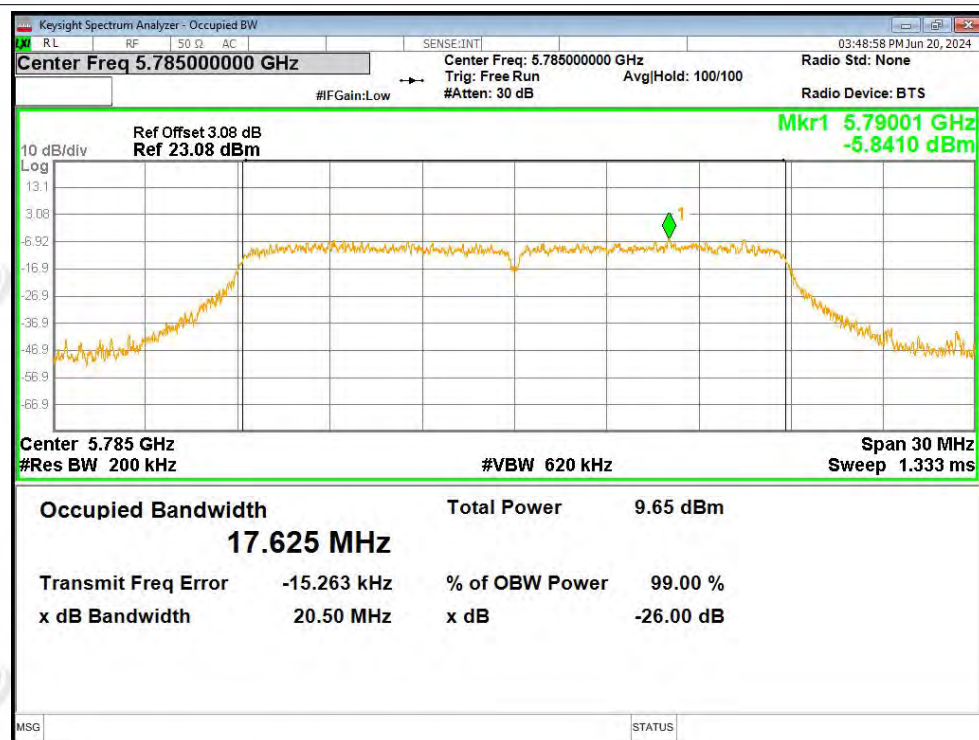


OBW NVNT n20 5745MHz Ant2

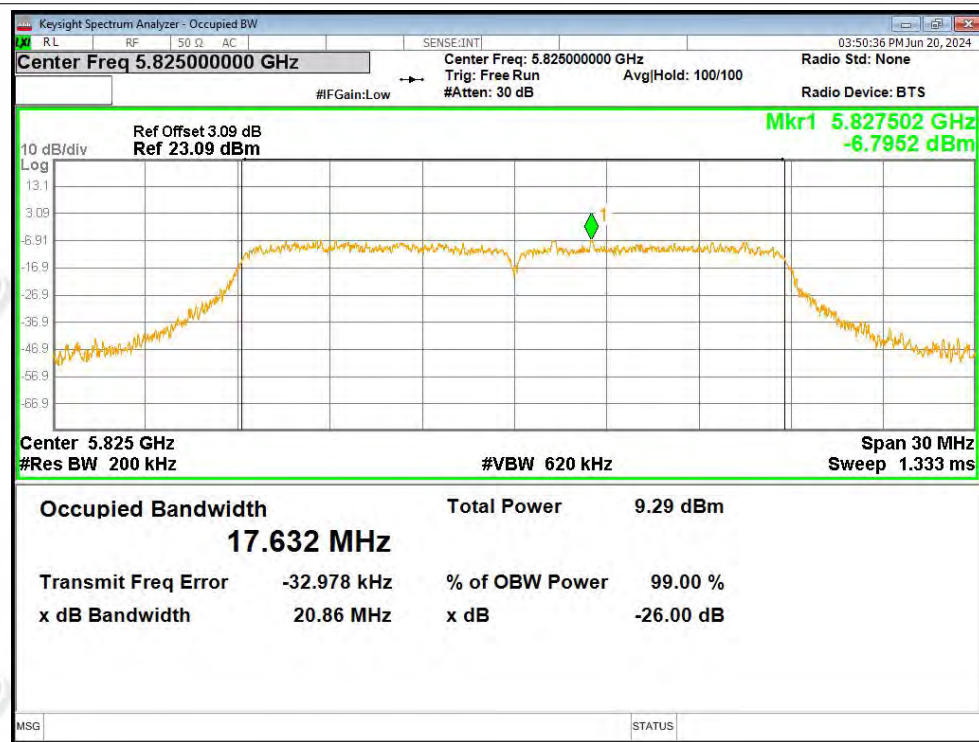




OBW NVNT n20 5785MHz Ant2

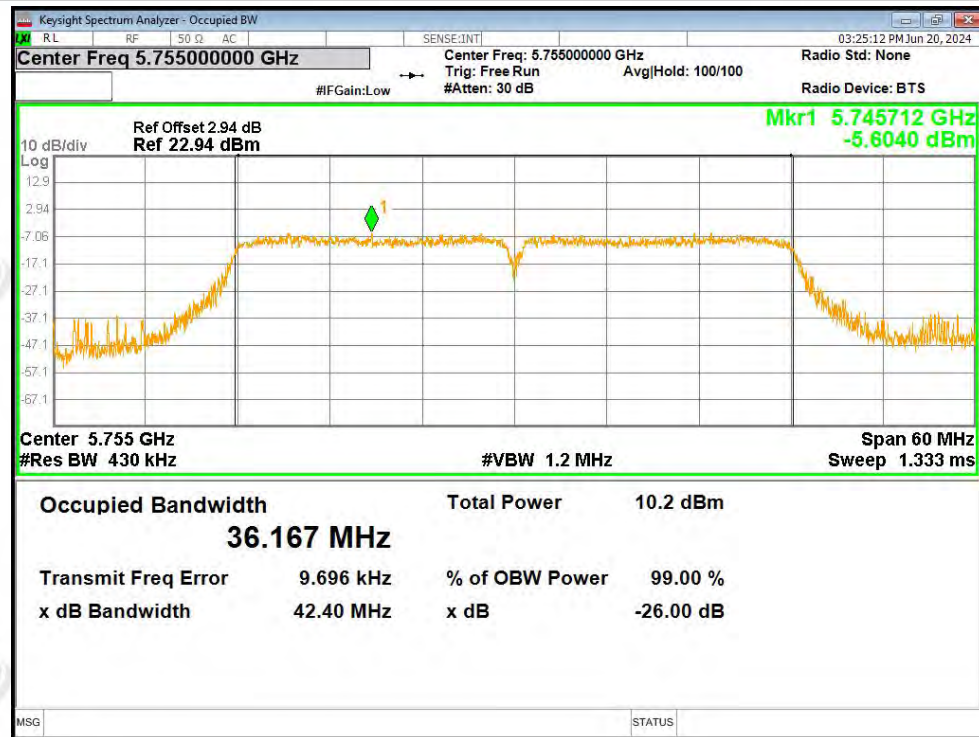


OBW NVNT n20 5825MHz Ant2

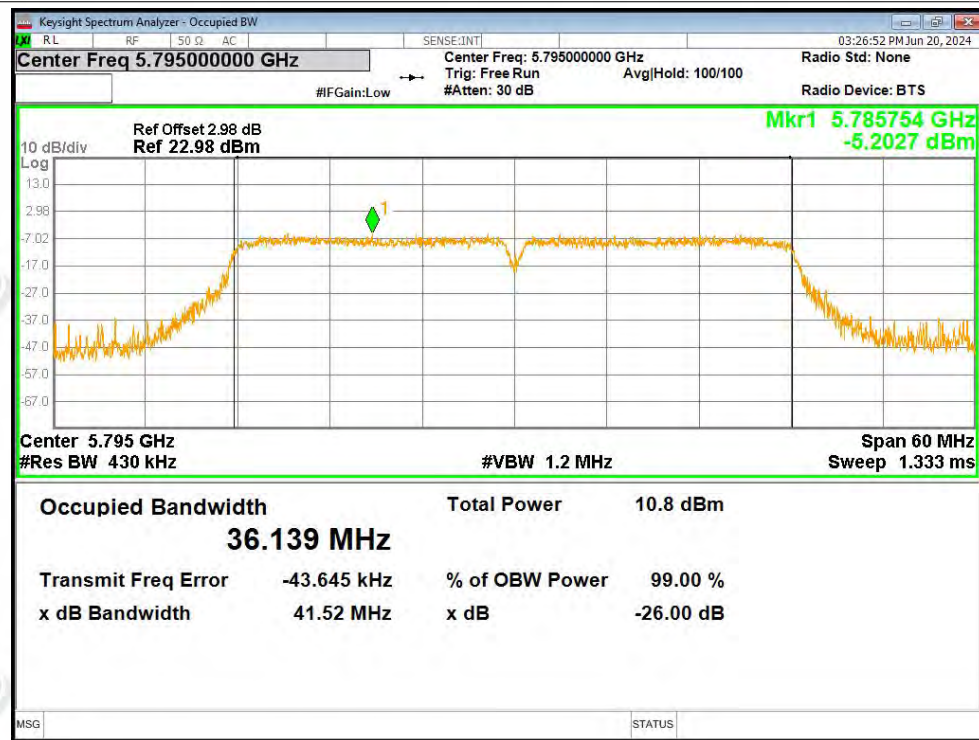




OBW NVNT n40 5755MHz Ant1

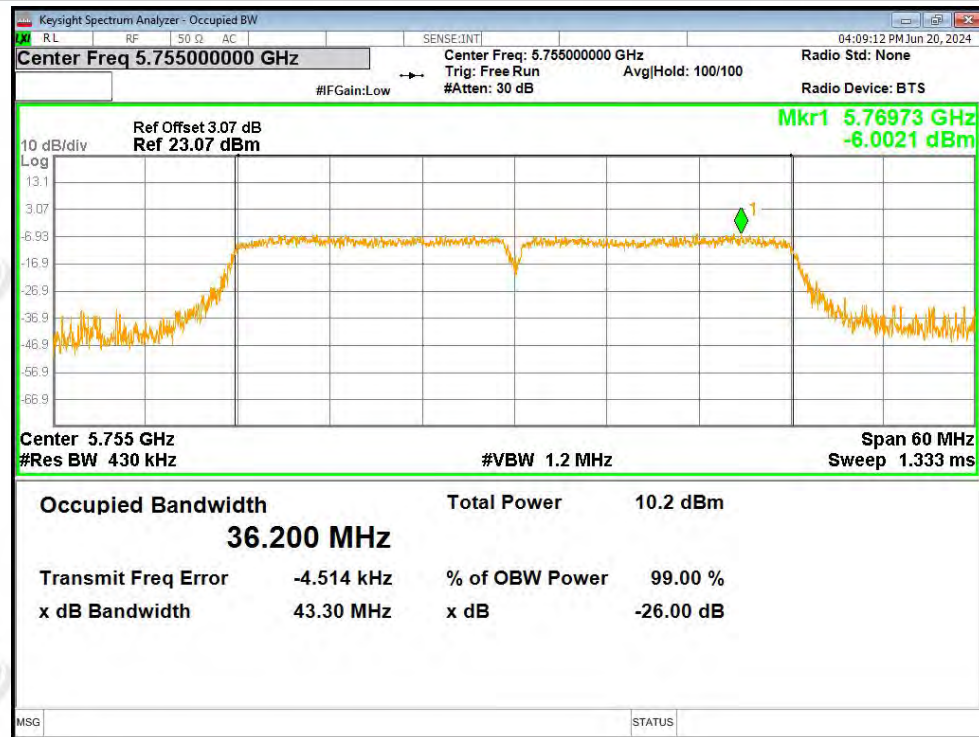


OBW NVNT n40 5795MHz Ant1

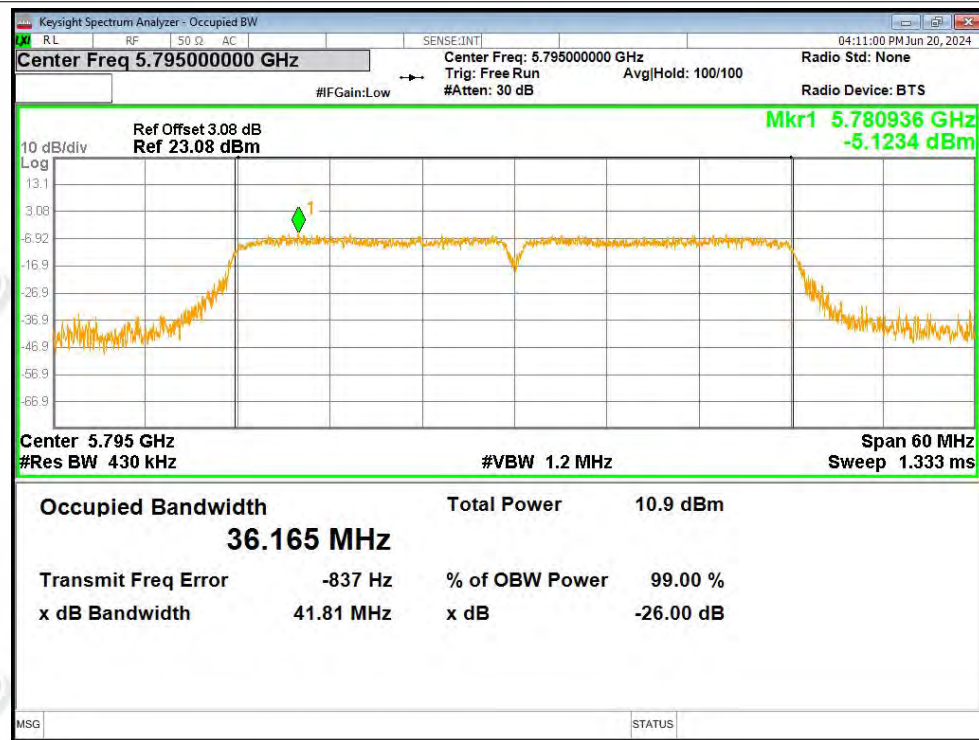




OBW NVNT n40 5755MHz Ant2

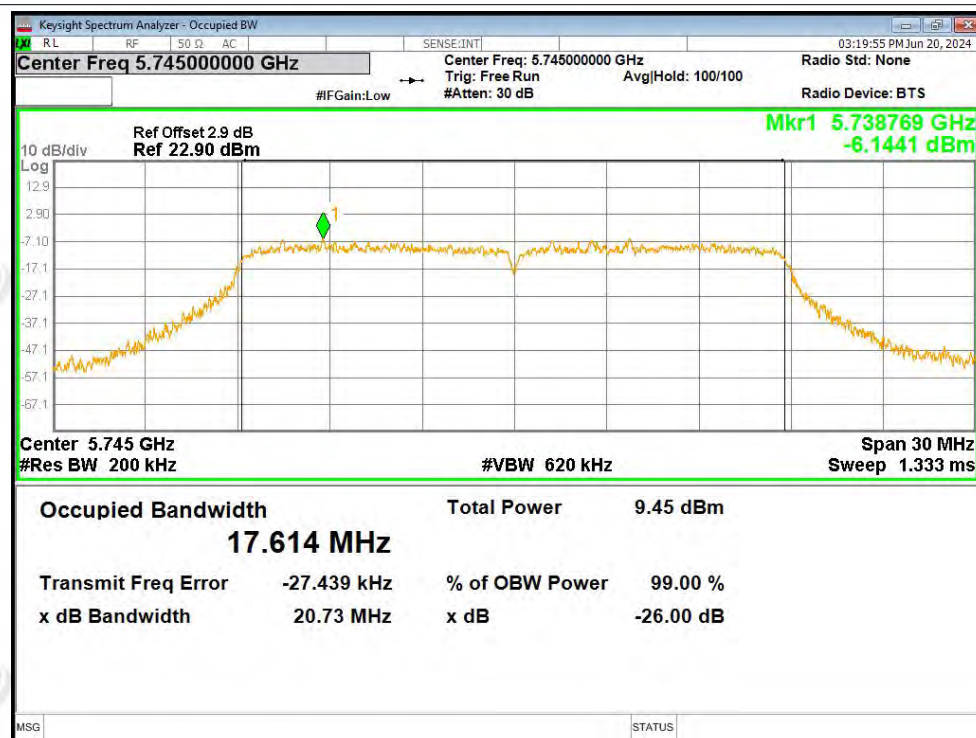


OBW NVNT n40 5795MHz Ant2

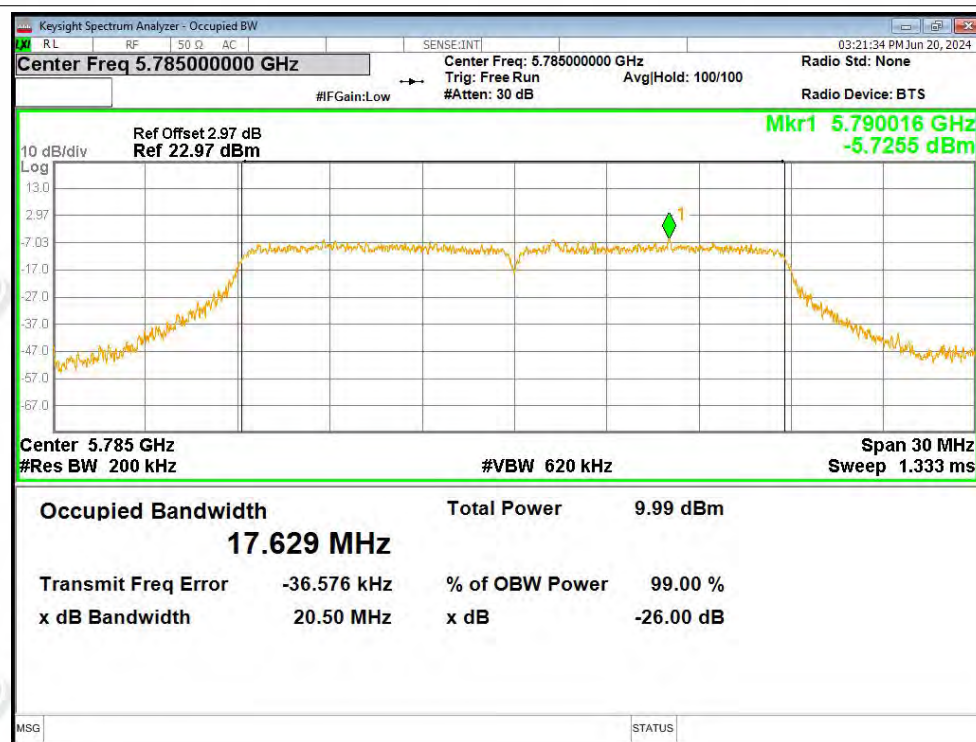




OBW NVNT ac20 5745MHz Ant1

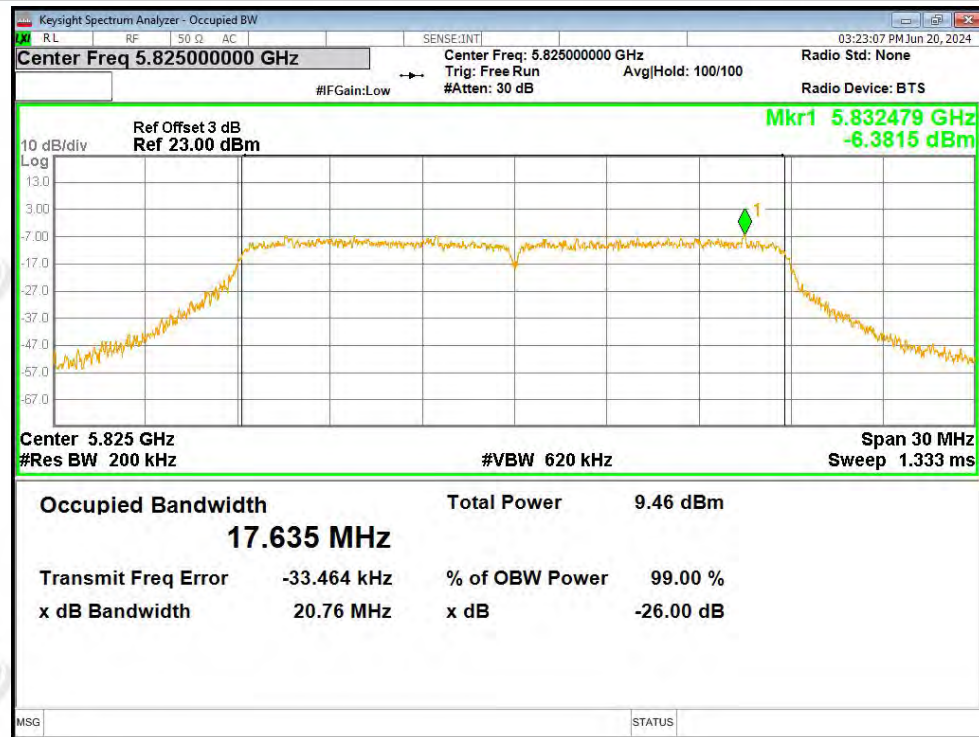


OBW NVNT ac20 5785MHz Ant1

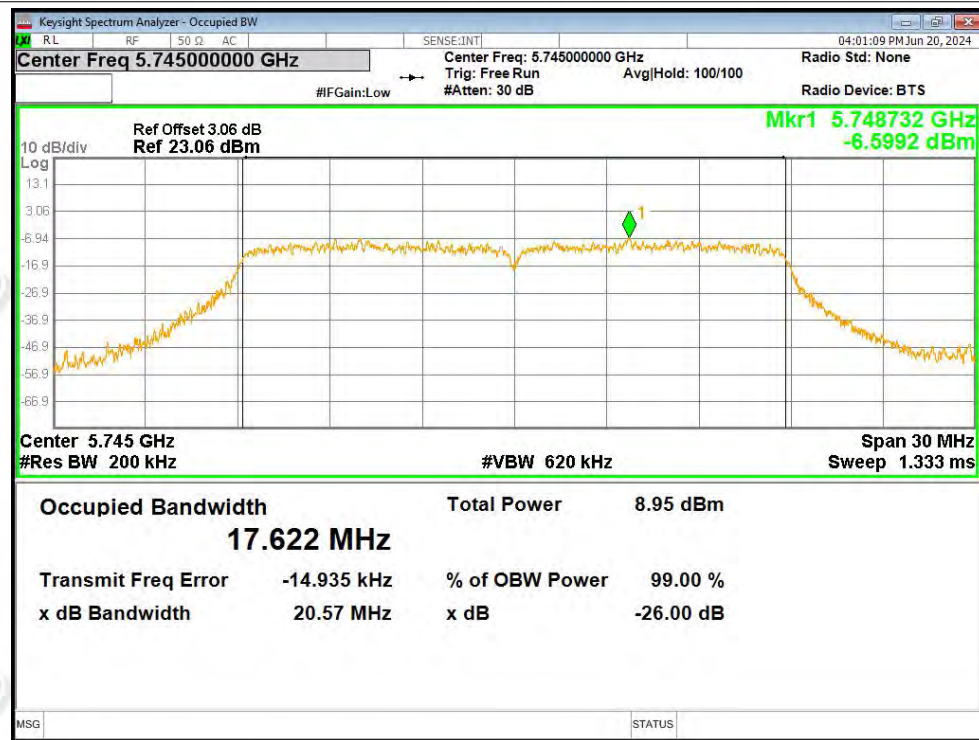




OBW NVNT ac20 5825MHz Ant1

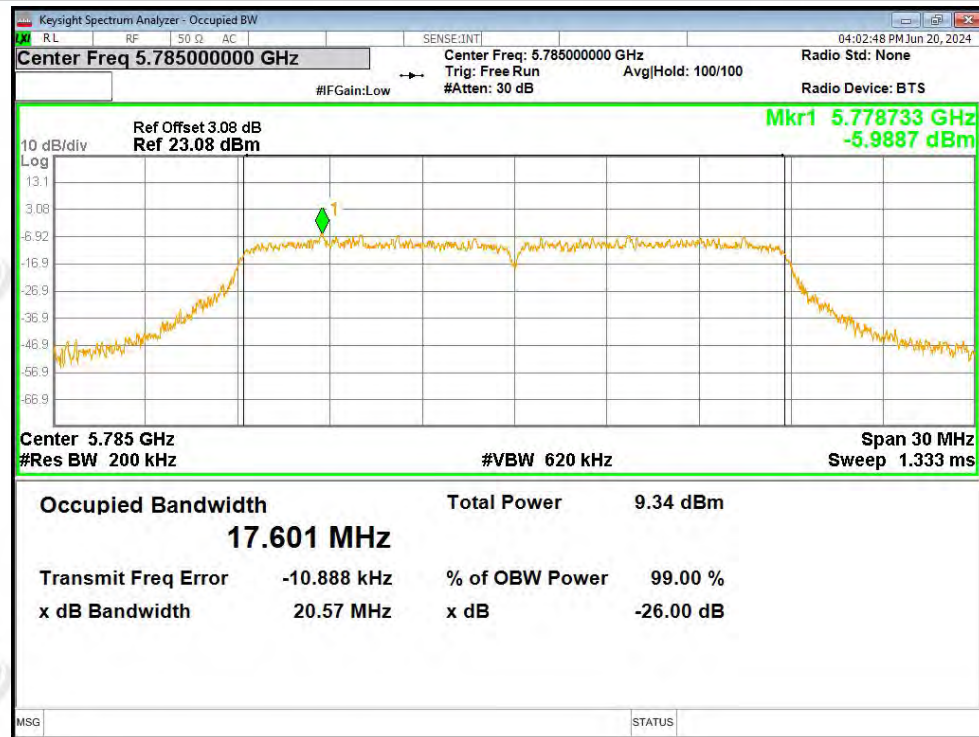


OBW NVNT ac20 5745MHz Ant2

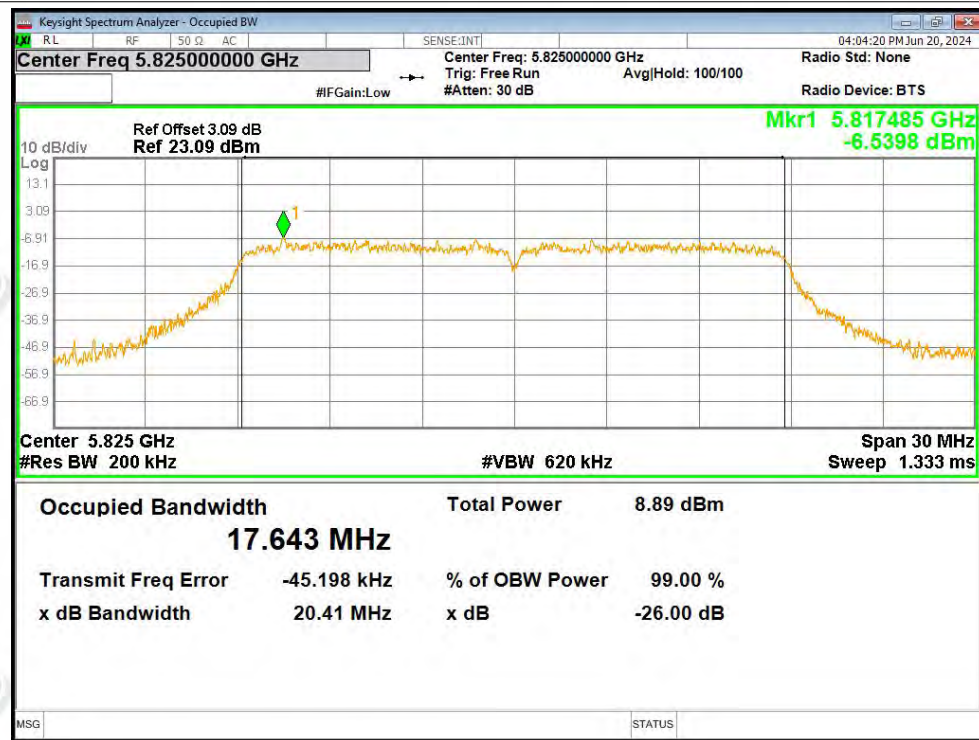




OBW NVNT ac20 5785MHz Ant2

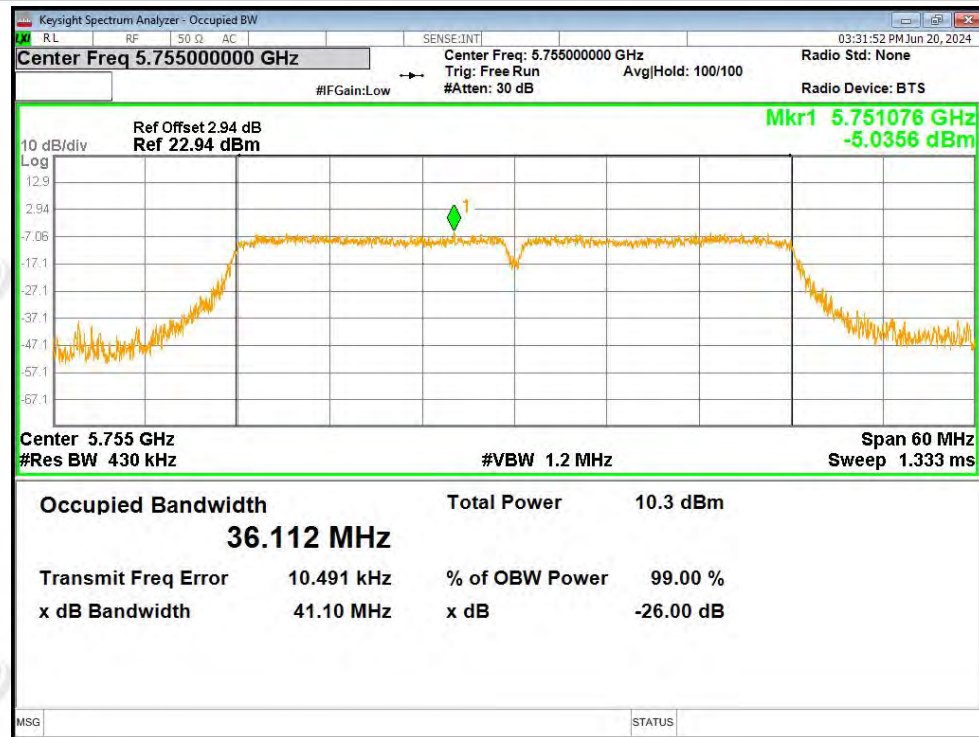


OBW NVNT ac20 5825MHz Ant2

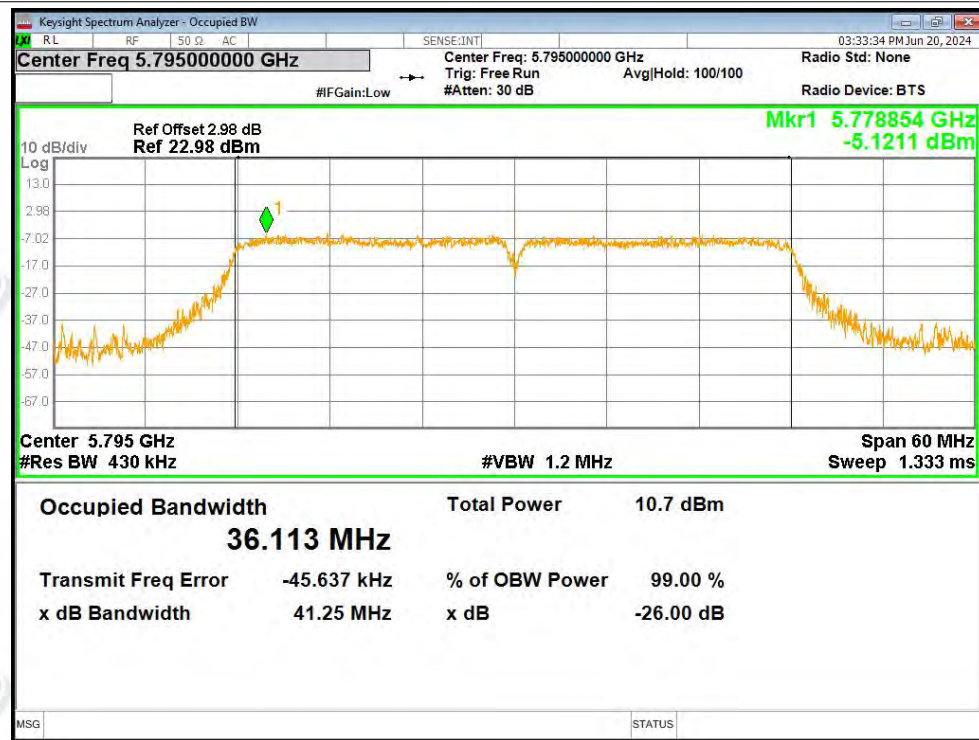




OBW NVNT ac40 5755MHz Ant1

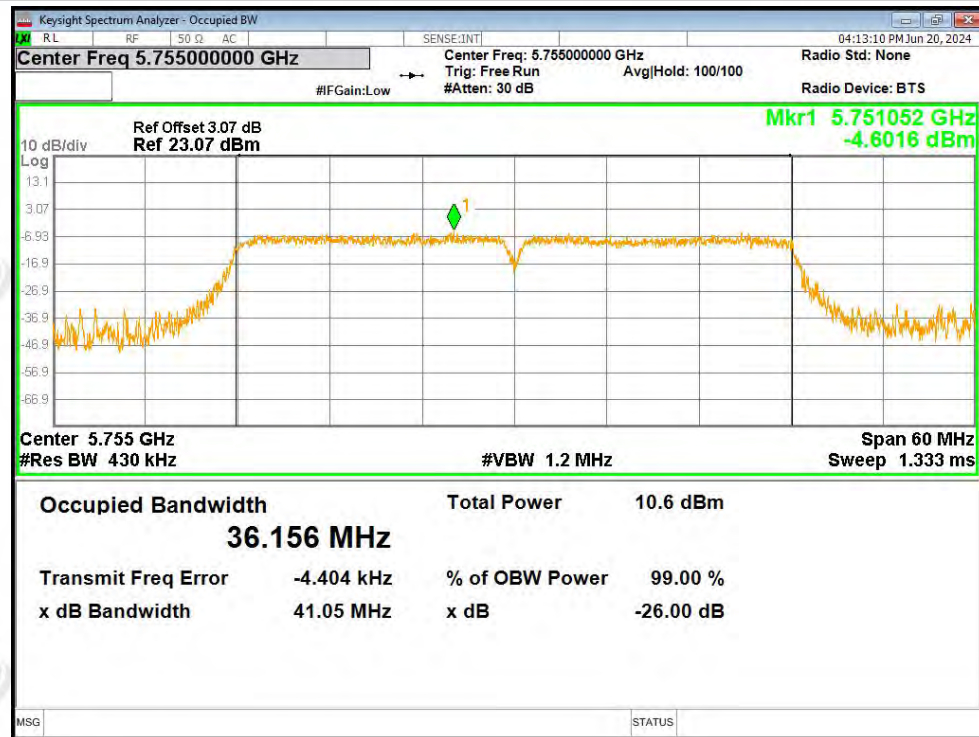


OBW NVNT ac40 5795MHz Ant1

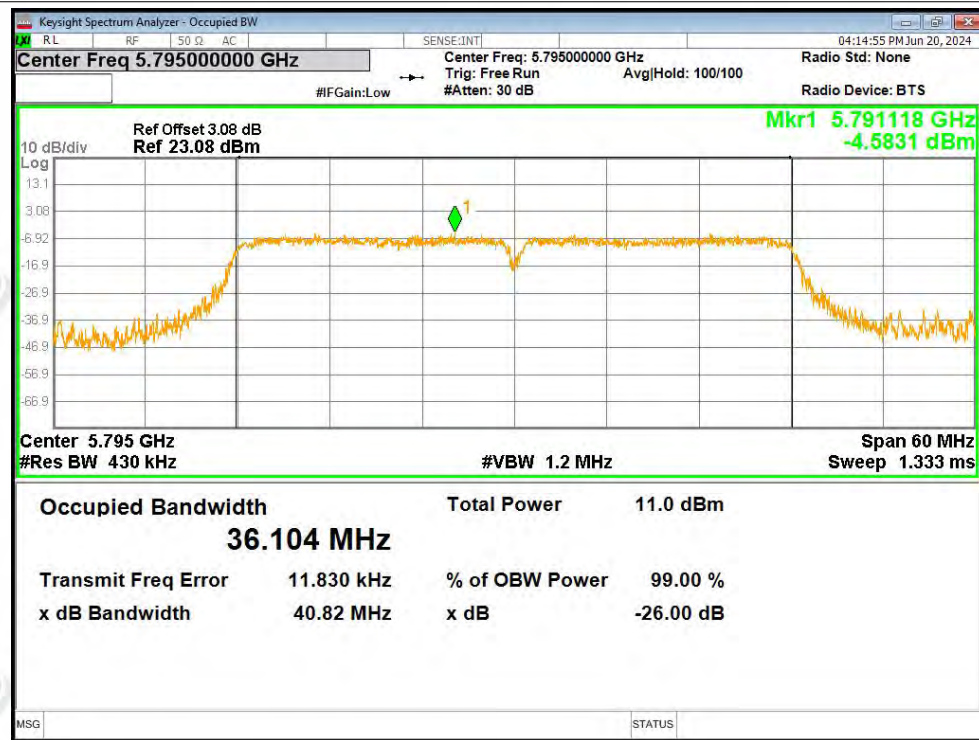




OBW NVNT ac40 5755MHz Ant2

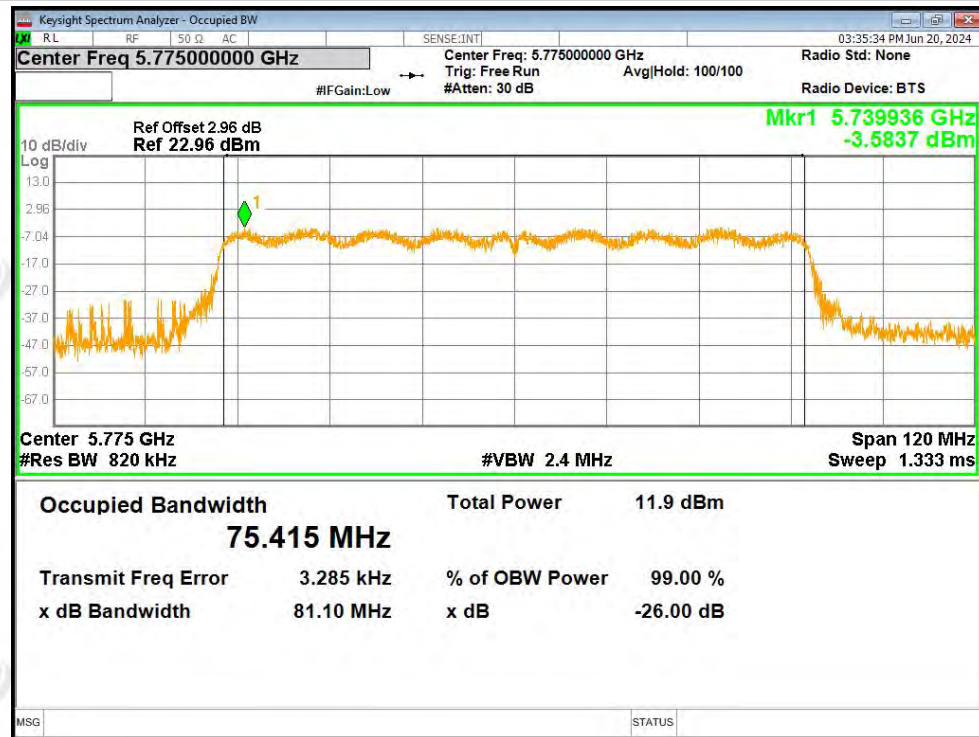


OBW NVNT ac40 5795MHz Ant2

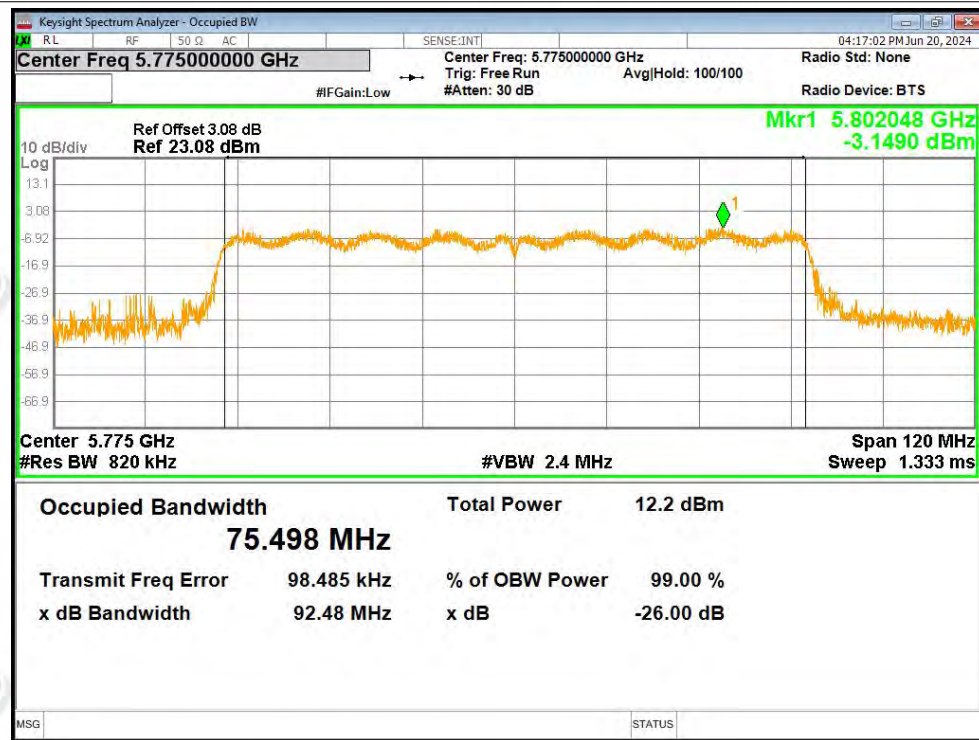




OBW NVNT ac80 5775MHz Ant1



OBW NVNT ac80 5775MHz Ant2



**ZHONGHAN****B5. Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-30.17	2.39	-27.78	30	Pass
NVNT	a	5785	Ant1	-30.88	2.41	-28.47	30	Pass
NVNT	a	5825	Ant1	-31.79	2.41	-29.38	30	Pass
NVNT	a	5745	Ant2	-31.41	2.41	-29	30	Pass
NVNT	a	5785	Ant2	-25.88	2.39	-23.49	30	Pass
NVNT	a	5825	Ant2	-29.46	2.41	-27.05	30	Pass
NVNT	n20	5745	Ant1	-32.59	2.51	-30.08	30	Pass
NVNT	n20	5785	Ant1	-30.35	2.51	-27.84	30	Pass
NVNT	n20	5825	Ant1	-32.22	2.52	-29.7	30	Pass
NVNT	n20	5745	Ant2	-32.58	2.51	-30.07	30	Pass
NVNT	n20	5785	Ant2	-32.3	2.51	-29.79	30	Pass
NVNT	n20	5825	Ant2	-30.67	2.51	-28.16	30	Pass
NVNT	n40	5755	Ant1	-43.35	4.09	-39.26	30	Pass
NVNT	n40	5795	Ant1	-40.1	4.09	-36.01	30	Pass
NVNT	n40	5755	Ant2	-42.42	4.09	-38.33	30	Pass
NVNT	n40	5795	Ant2	-34.03	4.16	-29.87	30	Pass
NVNT	ac20	5745	Ant1	-32.74	2.51	-30.23	30	Pass
NVNT	ac20	5785	Ant1	-33.01	2.51	-30.5	30	Pass
NVNT	ac20	5825	Ant1	-33.17	2.51	-30.66	30	Pass
NVNT	ac20	5745	Ant2	-34.23	2.51	-31.72	30	Pass
NVNT	ac20	5785	Ant2	-33.38	2.51	-30.87	30	Pass
NVNT	ac20	5825	Ant2	-32.38	2.51	-29.87	30	Pass
NVNT	ac40	5755	Ant1	-39.17	4.09	-35.08	30	Pass
NVNT	ac40	5795	Ant1	-38.24	4.16	-34.08	30	Pass
NVNT	ac40	5755	Ant2	-41.89	4.09	-37.8	30	Pass
NVNT	ac40	5795	Ant2	-38.64	4.16	-34.48	30	Pass
NVNT	ac80	5775	Ant1	-47.23	6.15	-41.08	30	Pass
NVNT	ac80	5775	Ant2	-45.42	6.15	-39.27	30	Pass

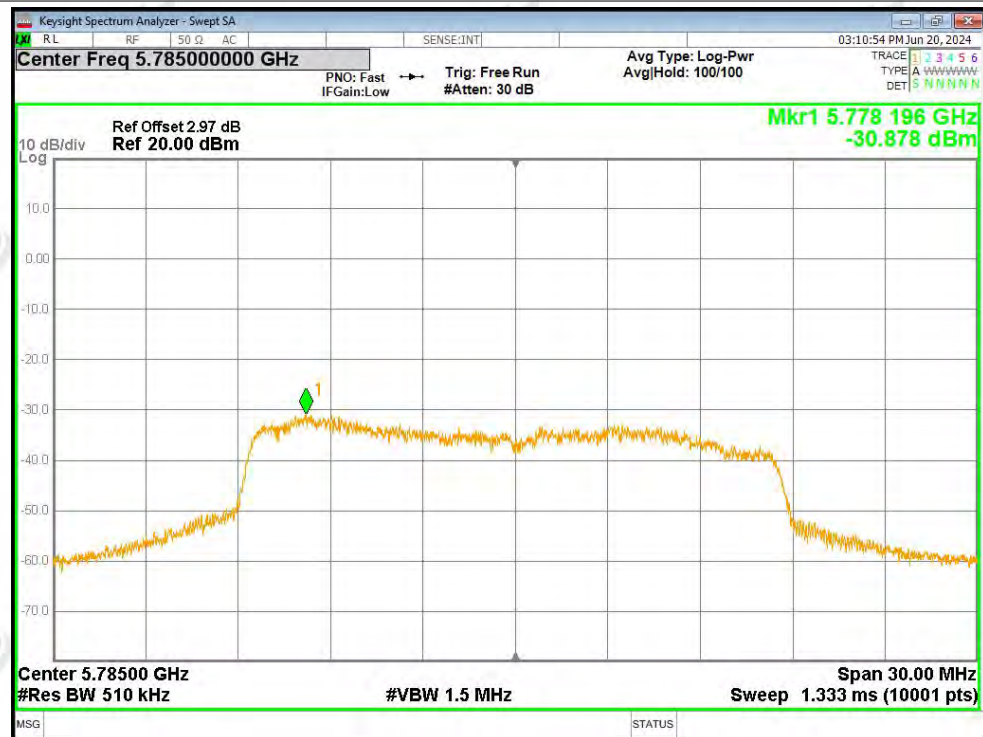


Test Graphs

PSD NVNT a 5745MHz Ant1



PSD NVNT a 5785MHz Ant1

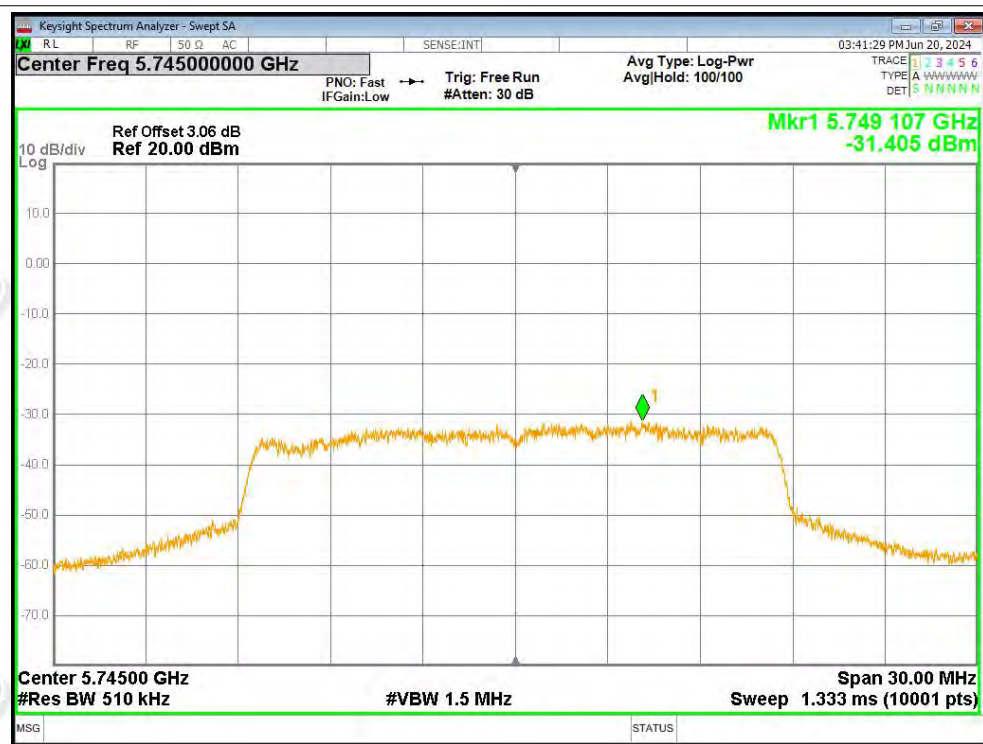




PSD NVNT a 5825MHz Ant1



PSD NVNT a 5745MHz Ant2





PSD NVNT a 5785MHz Ant2

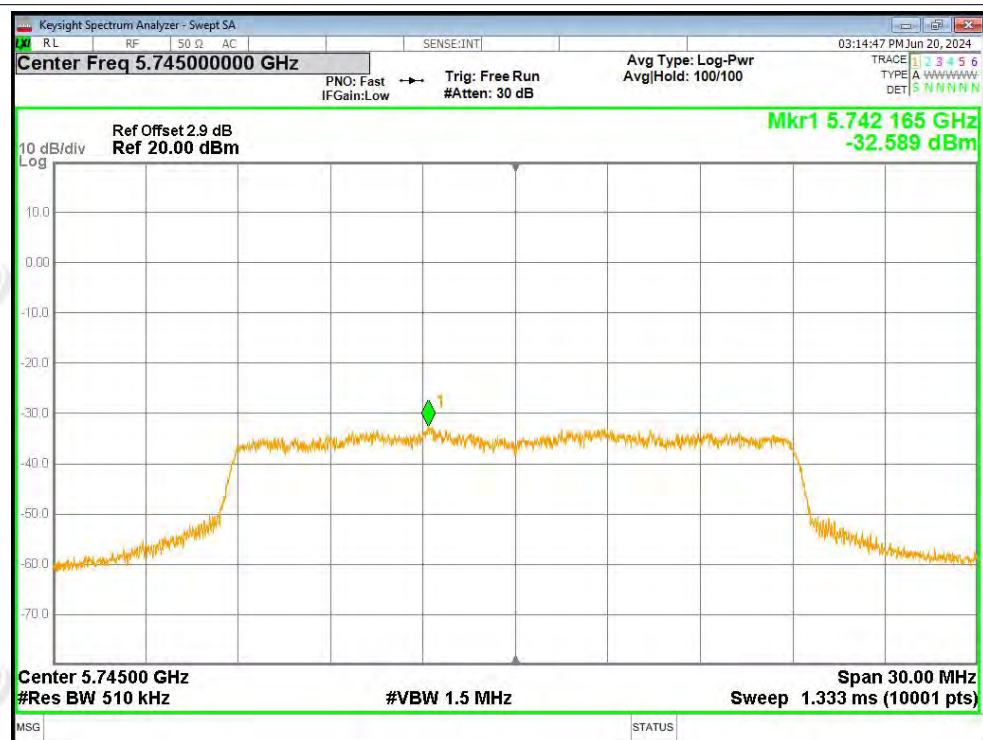


PSD NVNT a 5825MHz Ant2

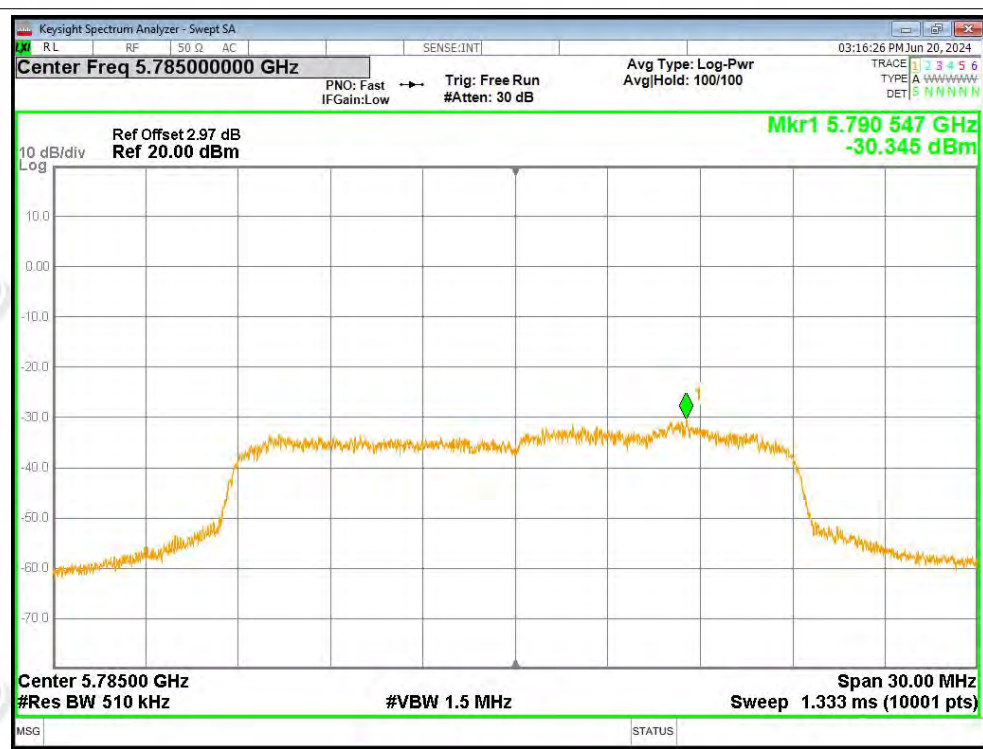




PSD NVNT n20 5745MHz Ant1

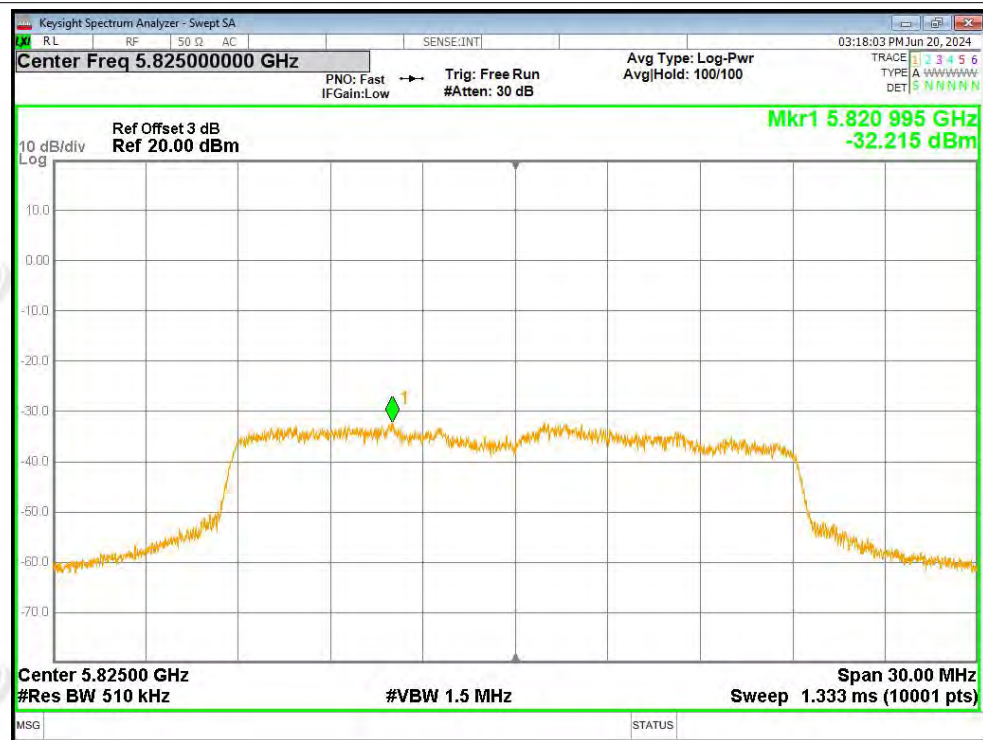


PSD NVNT n20 5785MHz Ant1





PSD NVNT n20 5825MHz Ant1

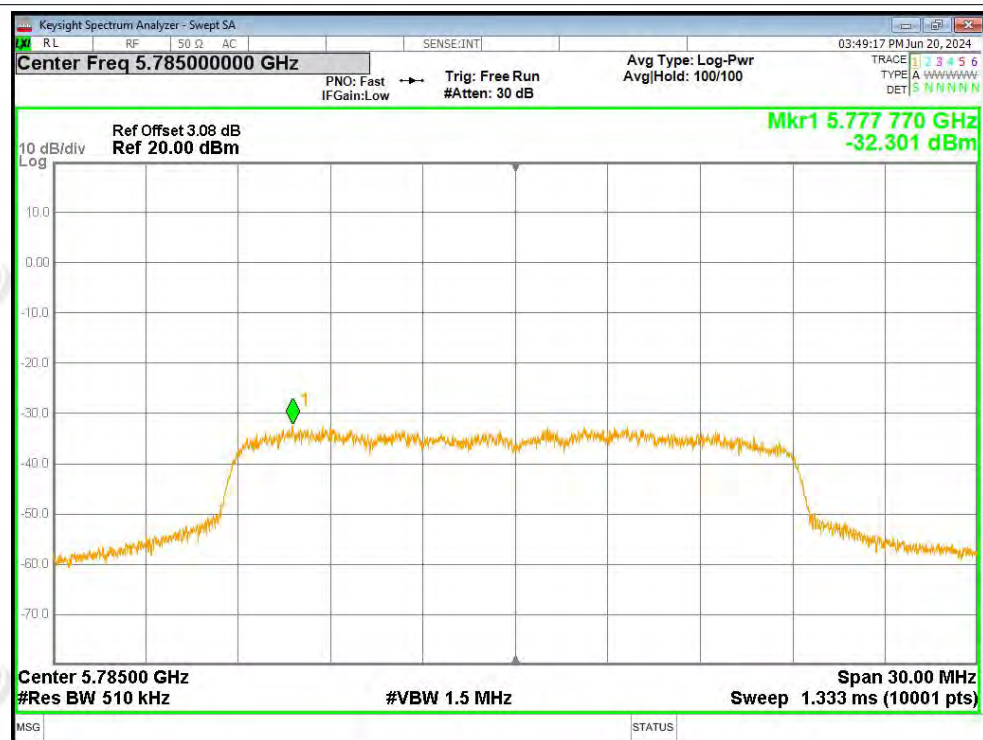


PSD NVNT n20 5745MHz Ant2

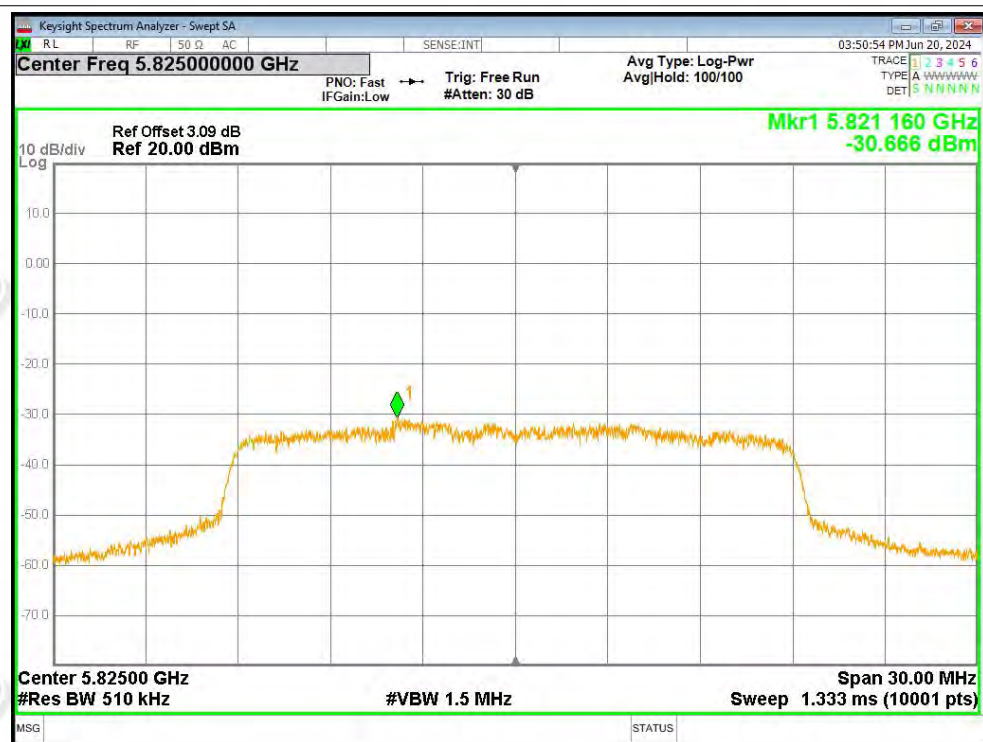




PSD NVNT n20 5785MHz Ant2

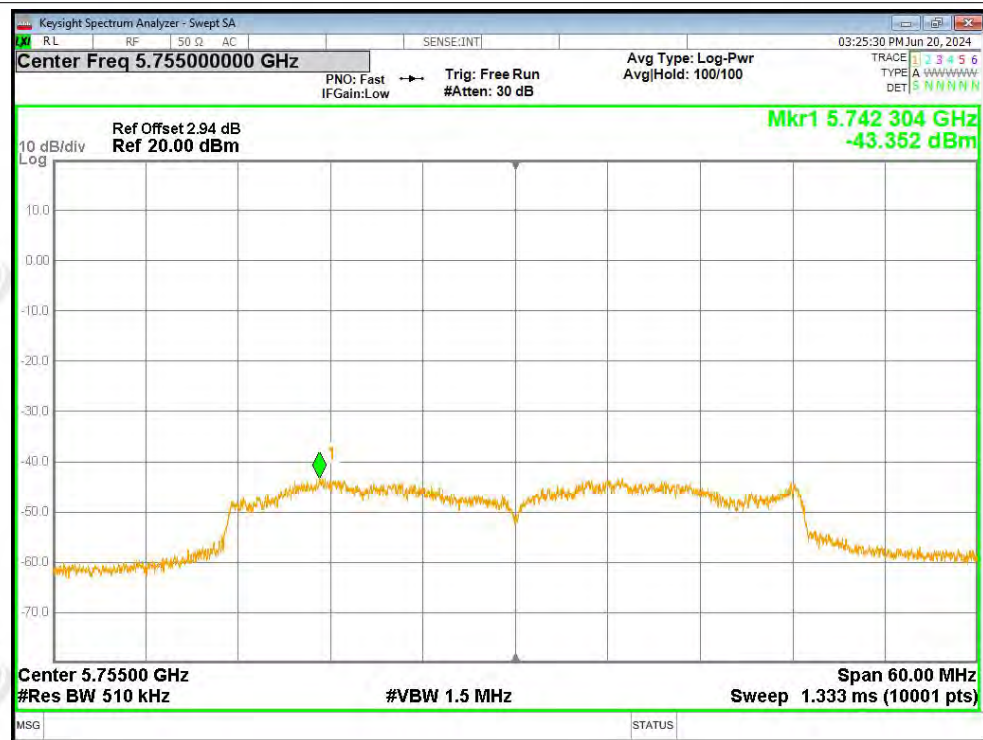


PSD NVNT n20 5825MHz Ant2





PSD NVNT n40 5755MHz Ant1



PSD NVNT n40 5795MHz Ant1





PSD NVNT n40 5755MHz Ant2



PSD NVNT n40 5795MHz Ant2

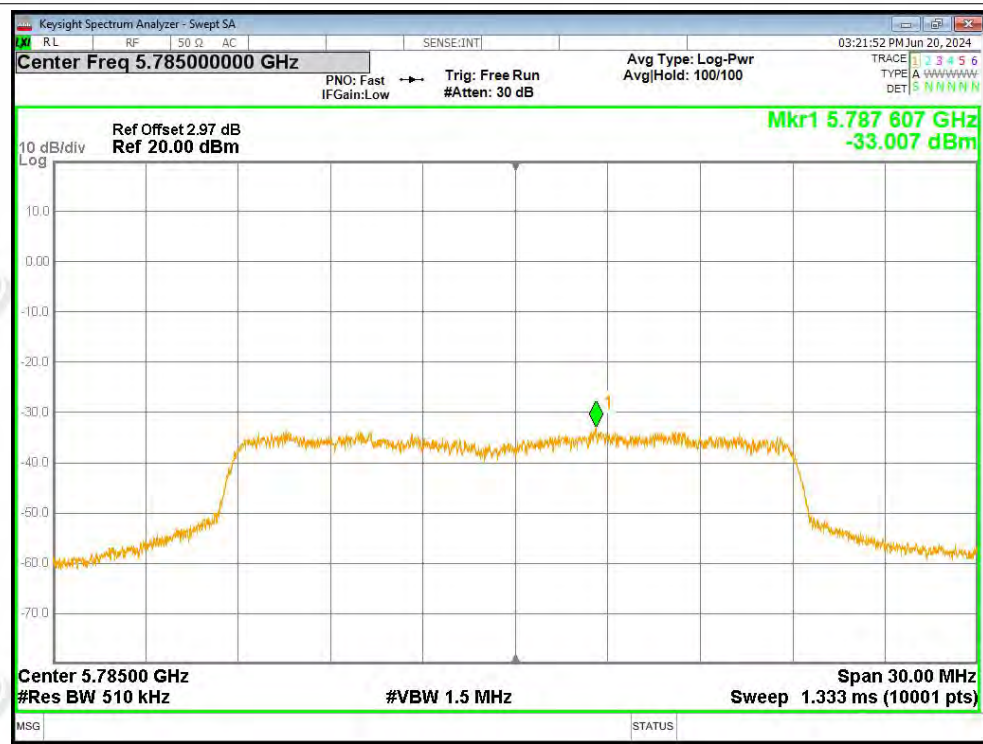




PSD NVNT ac20 5745MHz Ant1

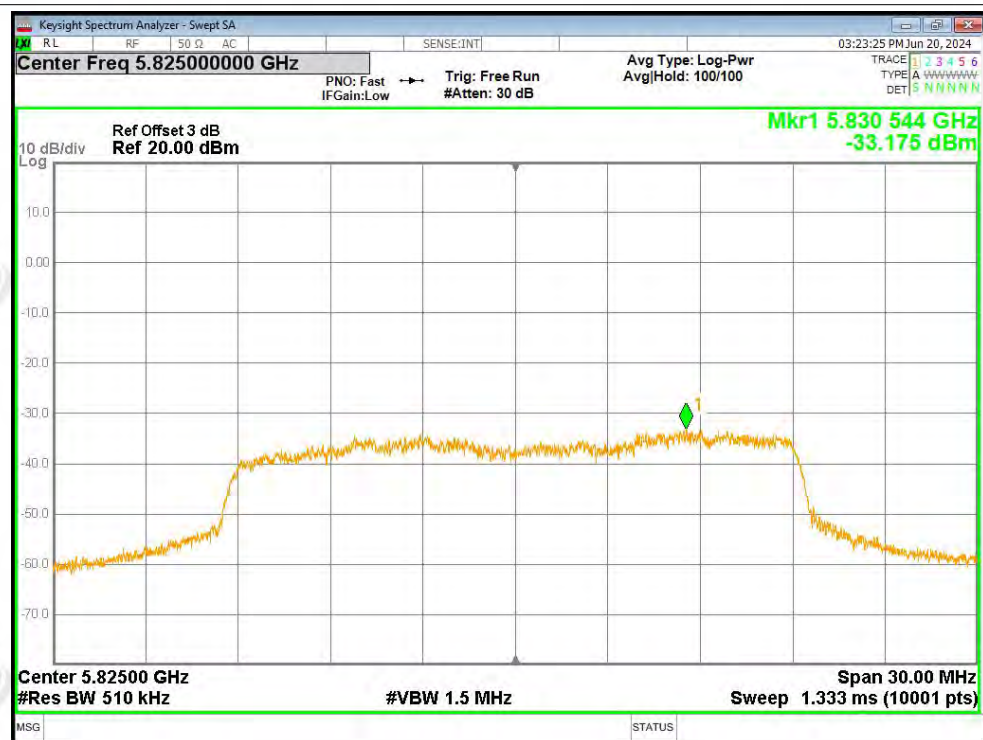


PSD NVNT ac20 5785MHz Ant1





PSD NVNT ac20 5825MHz Ant1

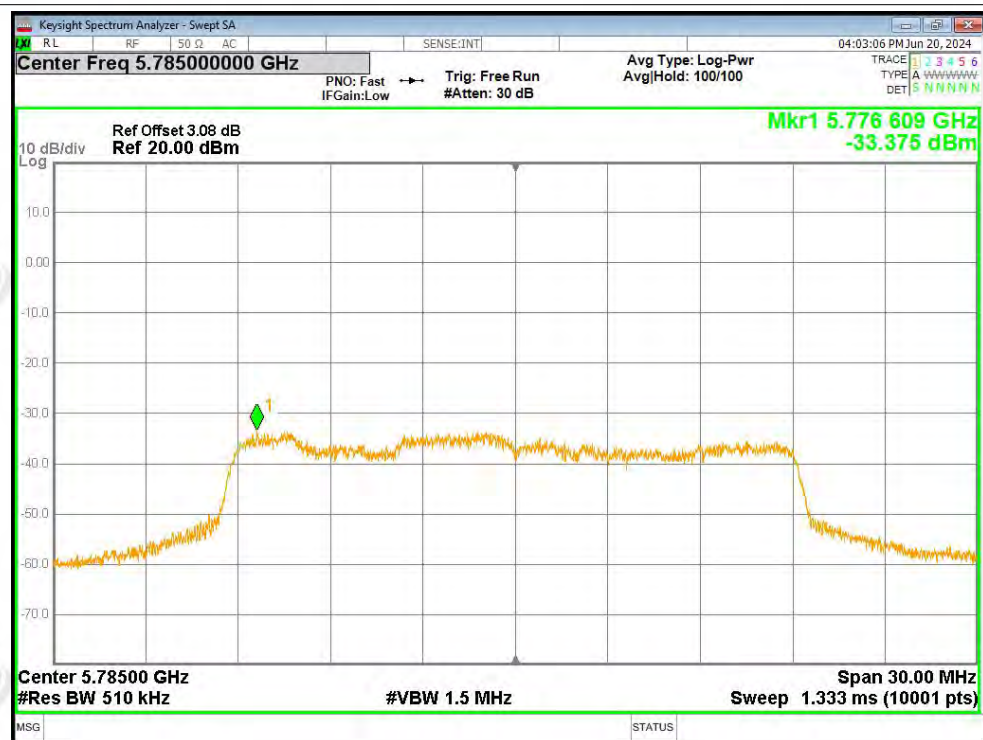


PSD NVNT ac20 5745MHz Ant2

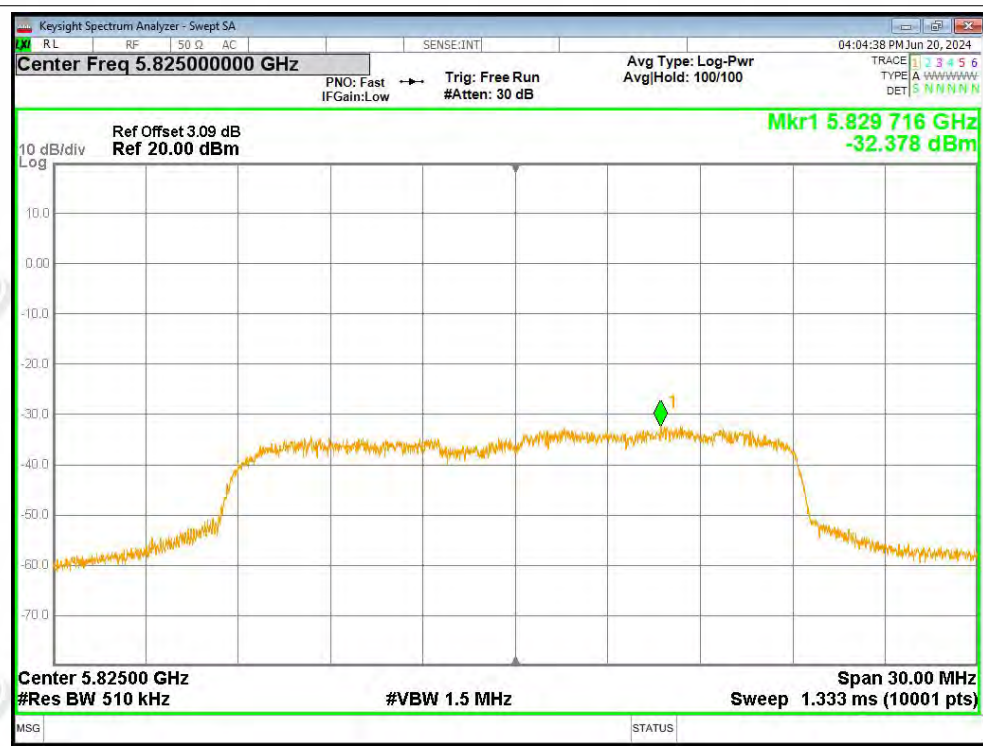




PSD NVNT ac20 5785MHz Ant2

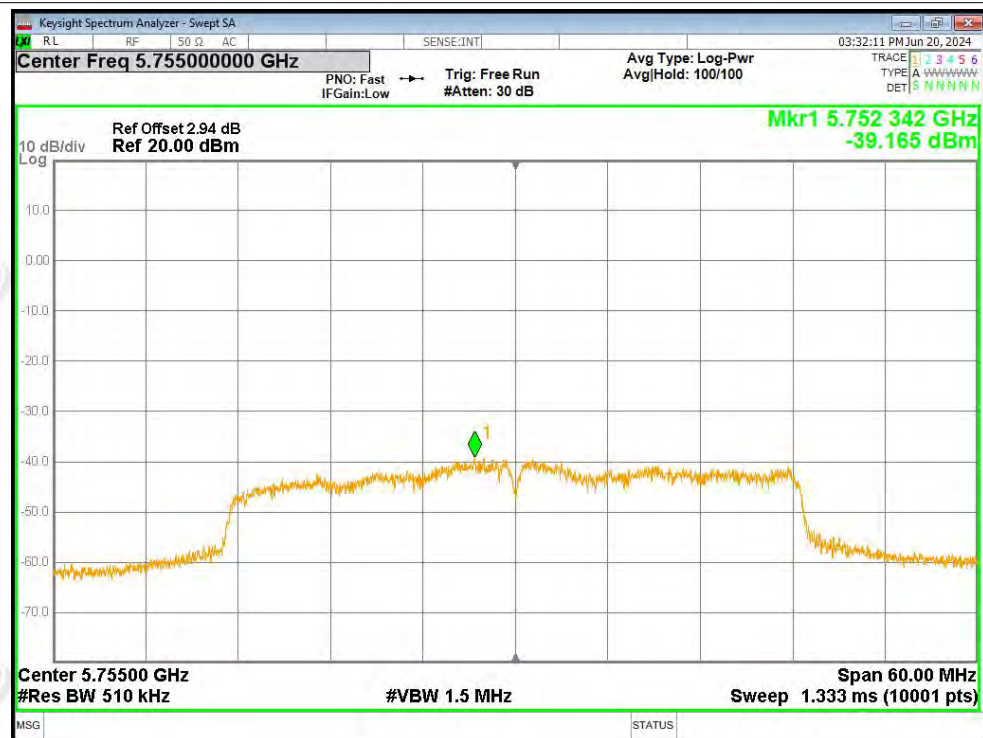


PSD NVNT ac20 5825MHz Ant2





PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1

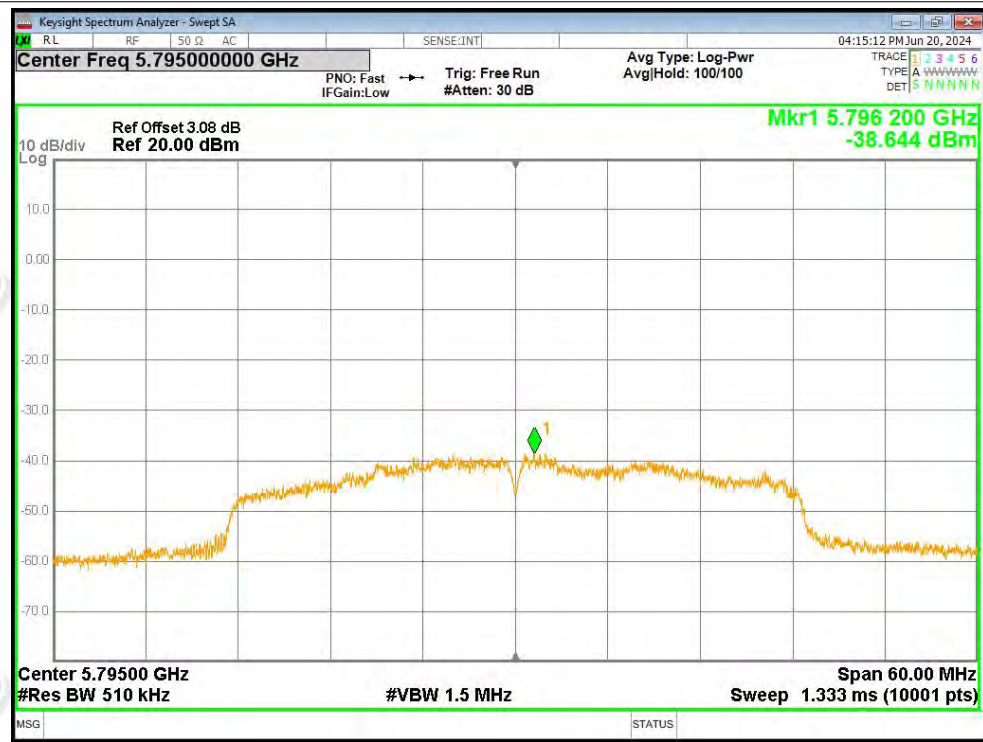




PSD NVNT ac40 5755MHz Ant2



PSD NVNT ac40 5795MHz Ant2





PSD NVNT ac80 5775MHz Ant1



PSD NVNT ac80 5775MHz Ant2



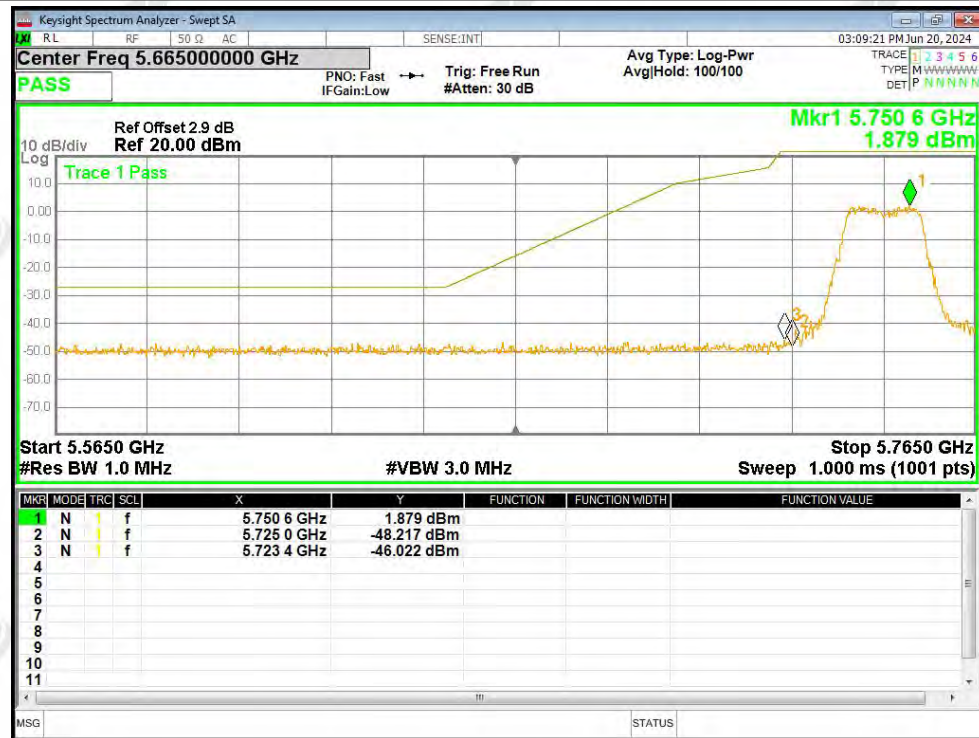
**ZHONGHAN**
B6. Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-46.02	Refer to below test plot	Pass
NVNT	a	5825	Ant1	-46.44	Refer to below test plot	Pass
NVNT	a	5745	Ant2	-45.63	Refer to below test plot	Pass
NVNT	a	5825	Ant2	-45.15	Refer to below test plot	Pass
NVNT	n20	5745	Ant1	-36.43	Refer to below test plot	Pass
NVNT	n20	5825	Ant1	-46.1	Refer to below test plot	Pass
NVNT	n20	5745	Ant2	-45.11	Refer to below test plot	Pass
NVNT	n20	5825	Ant2	-46.03	Refer to below test plot	Pass
NVNT	n40	5755	Ant1	-32.66	Refer to below test plot	Pass
NVNT	n40	5795	Ant1	-45.35	Refer to below test plot	Pass
NVNT	n40	5755	Ant2	-27.94	Refer to below test plot	Pass
NVNT	n40	5795	Ant2	-44.93	Refer to below test plot	Pass
NVNT	ac20	5745	Ant1	-46.35	Refer to below test plot	Pass
NVNT	ac20	5825	Ant1	-45.96	Refer to below test plot	Pass
NVNT	ac20	5745	Ant2	-44.94	Refer to below test plot	Pass
NVNT	ac20	5825	Ant2	-45.7	Refer to below test plot	Pass
NVNT	ac40	5755	Ant1	-36.72	Refer to below test plot	Pass
NVNT	ac40	5795	Ant1	-46.36	Refer to below test plot	Pass
NVNT	ac40	5755	Ant2	-29.05	Refer to below test plot	Pass
NVNT	ac40	5795	Ant2	-44.53	Refer to below test plot	Pass
NVNT	ac80	5775	Ant1	-28.72	Refer to below test plot	Pass
NVNT	ac80	5775	Ant2	-27.88	Refer to below test plot	Pass

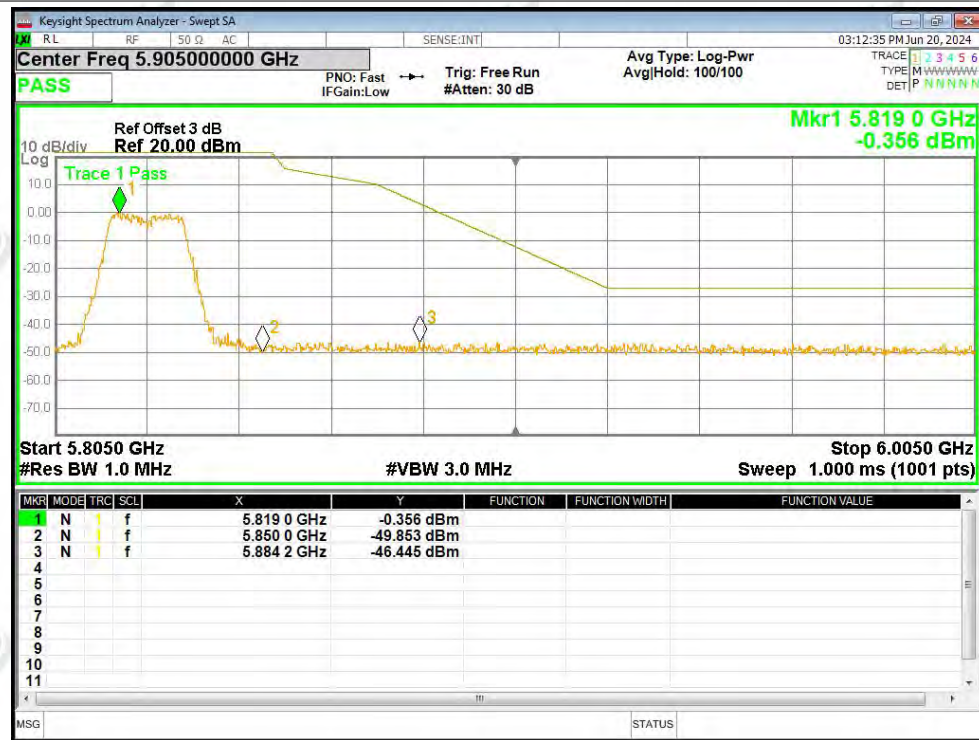


Test Graphs

Band Edge NVNT a 5745MHz Low Ant1

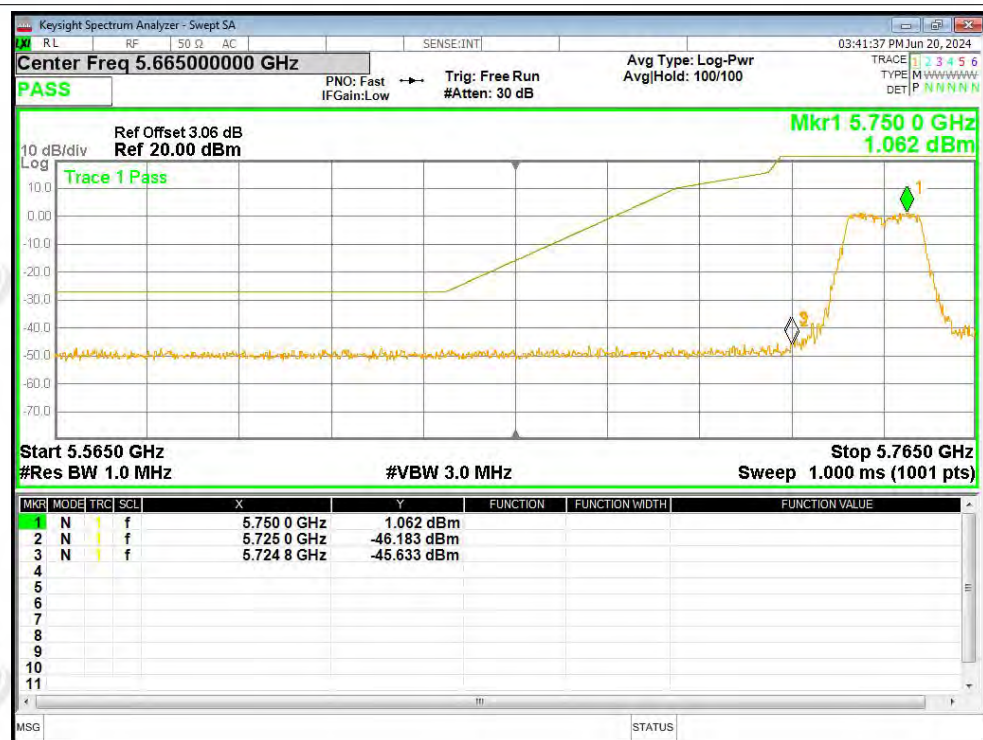


Band Edge NVNT a 5825MHz High Ant1





Band Edge NVNT a 5745MHz Low Ant2

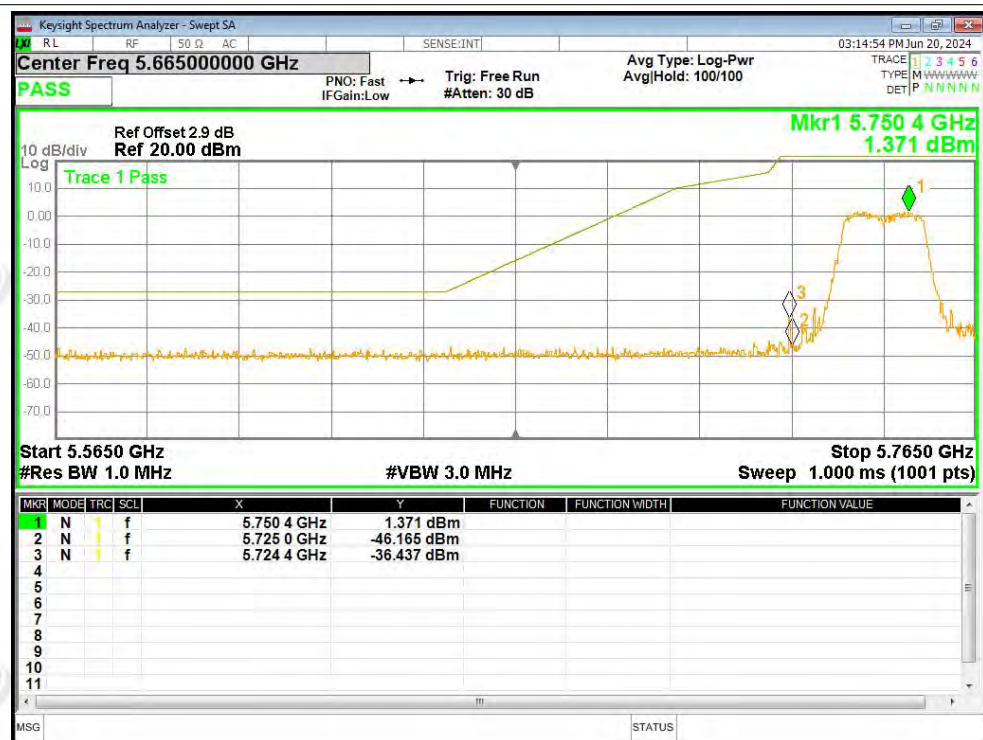


Band Edge NVNT a 5825MHz High Ant2





Band Edge NVNT n20 5745MHz Low Ant1

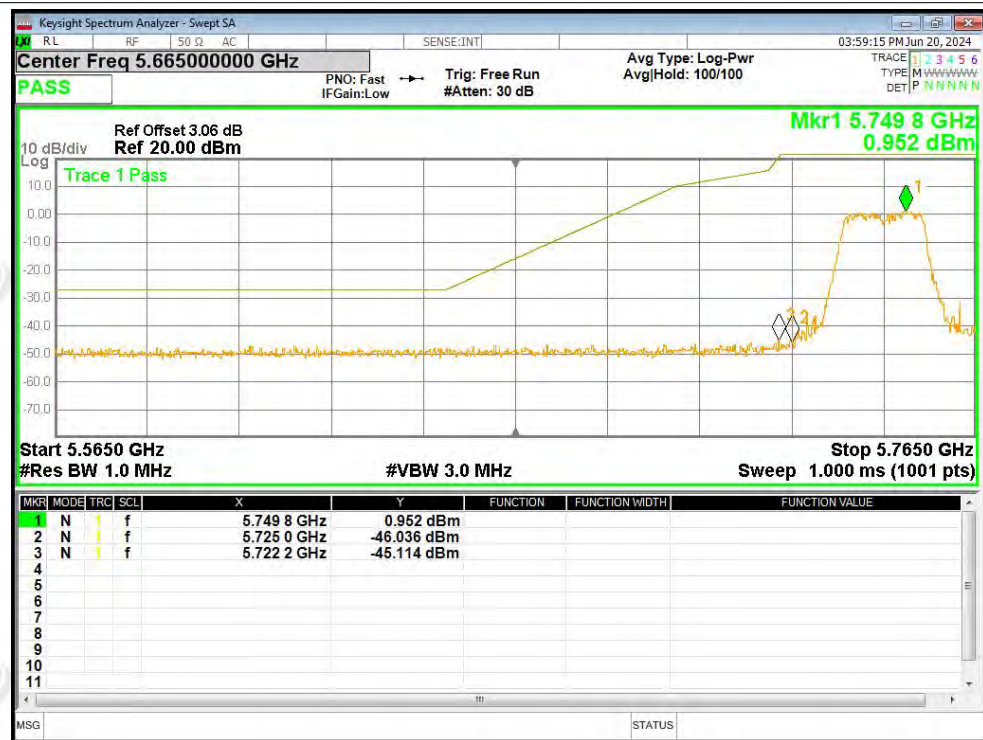


Band Edge NVNT n20 5825MHz High Ant1

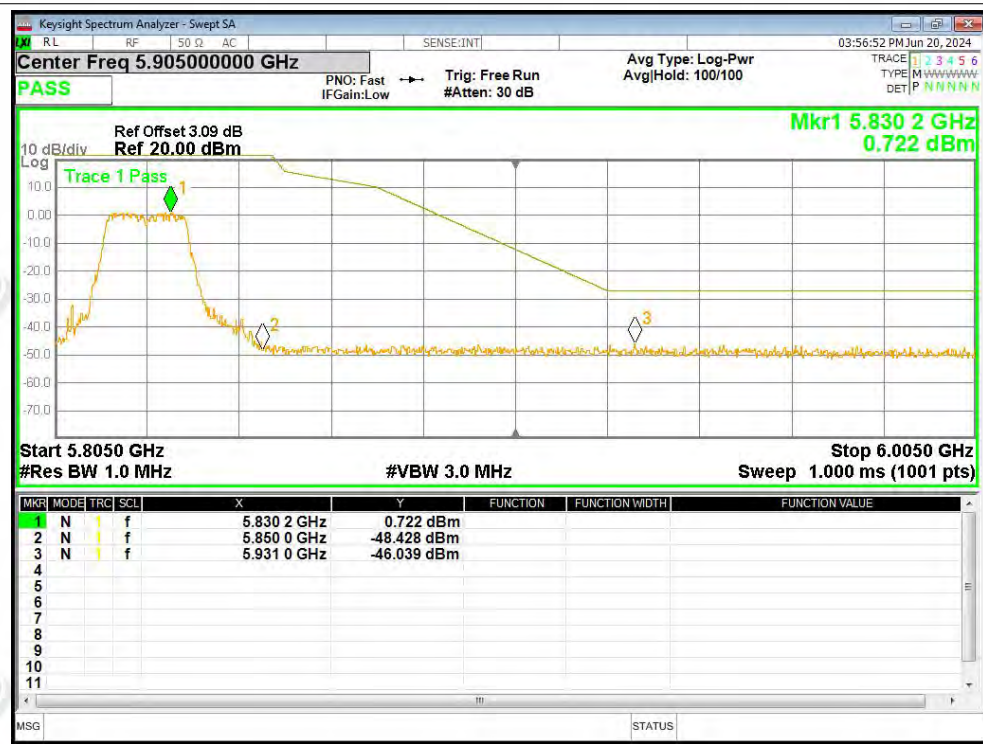




Band Edge NVNT n20 5745MHz Low Ant2

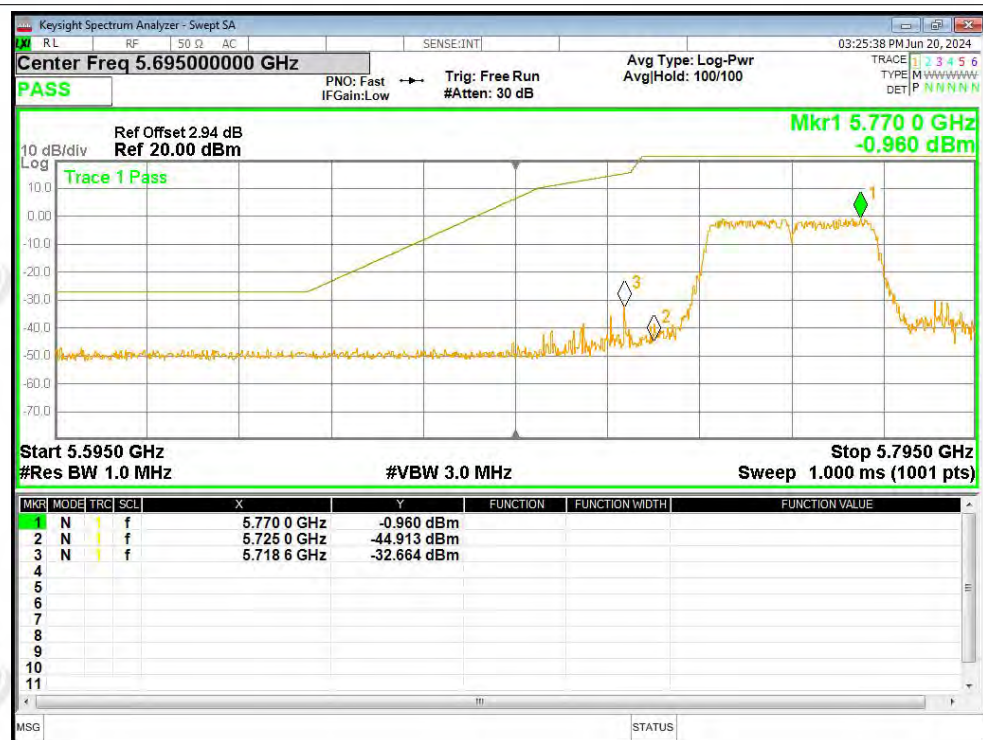


Band Edge NVNT n20 5825MHz High Ant2

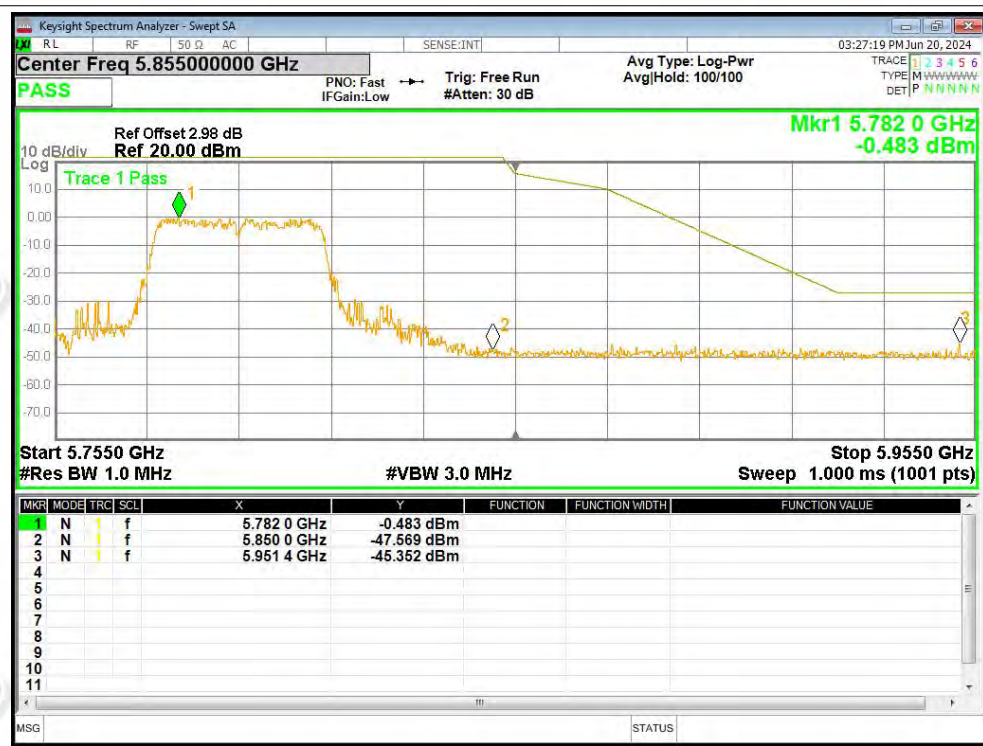




Band Edge NVNT n40 5755MHz Low Ant1

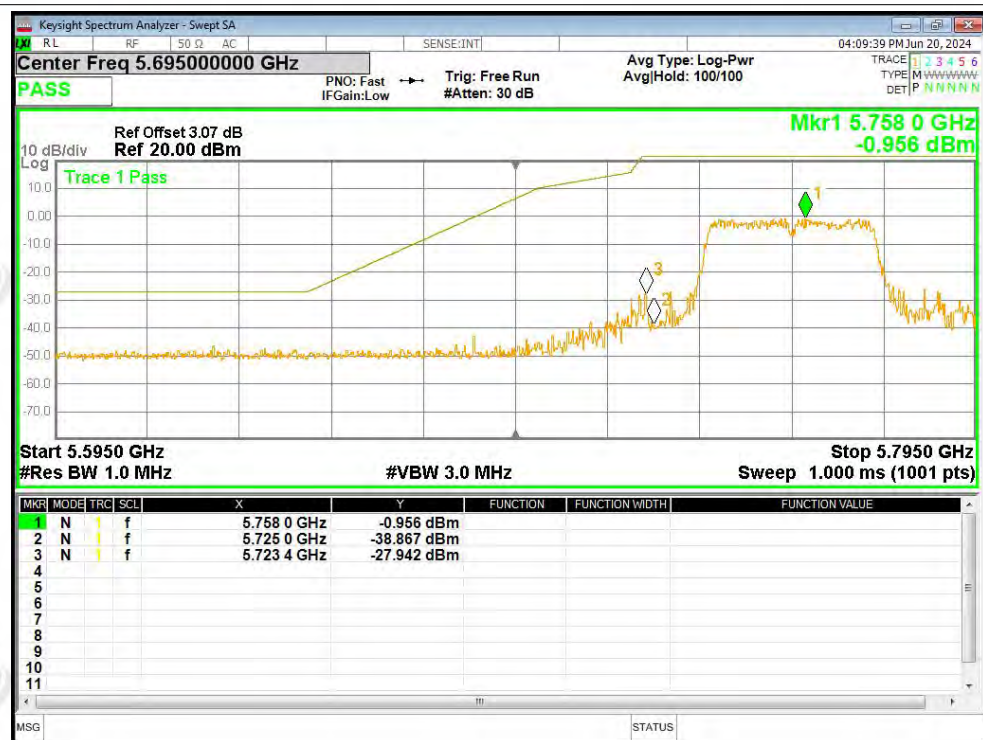


Band Edge NVNT n40 5795MHz High Ant1

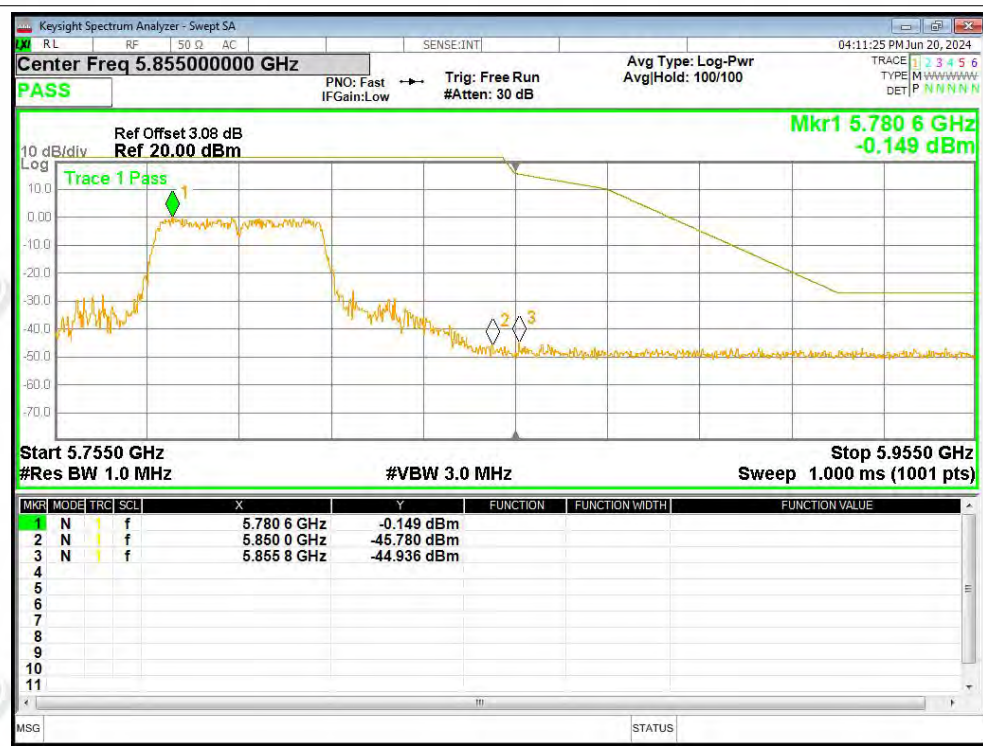




Band Edge NVNT n40 5755MHz Low Ant2

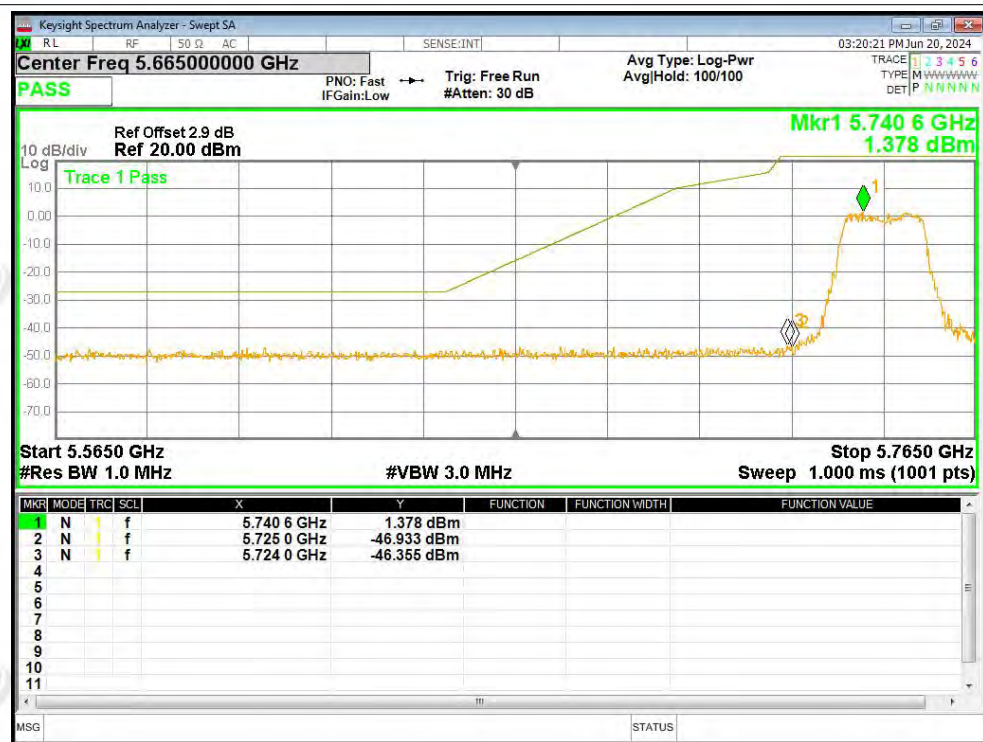


Band Edge NVNT n40 5795MHz High Ant2

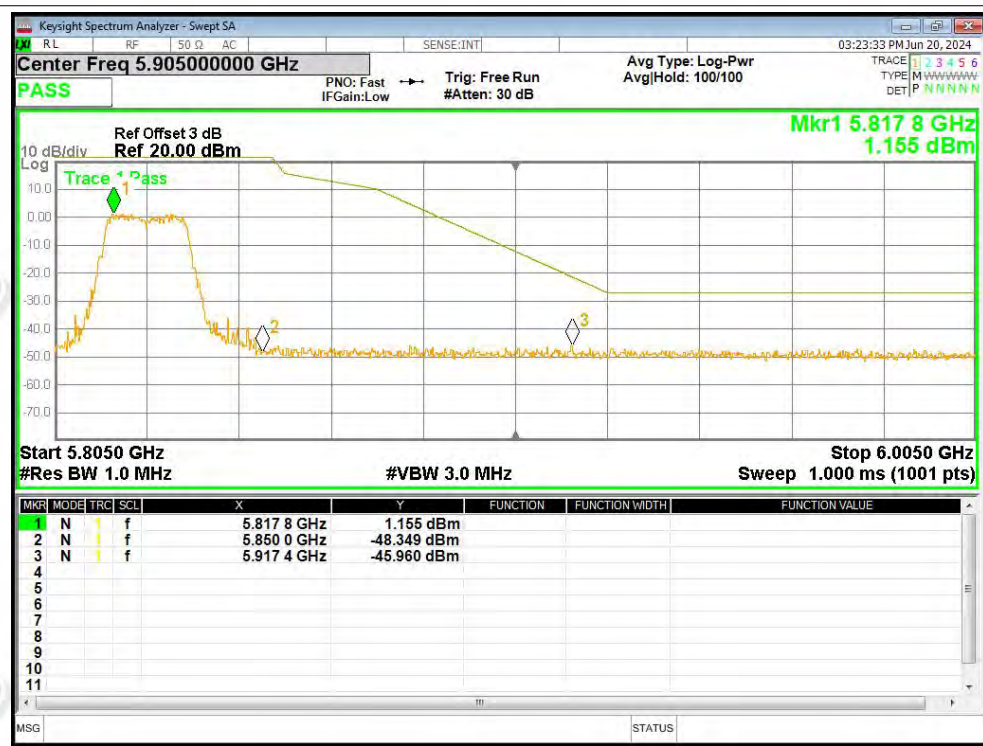




Band Edge NVNT ac20 5745MHz Low Ant1

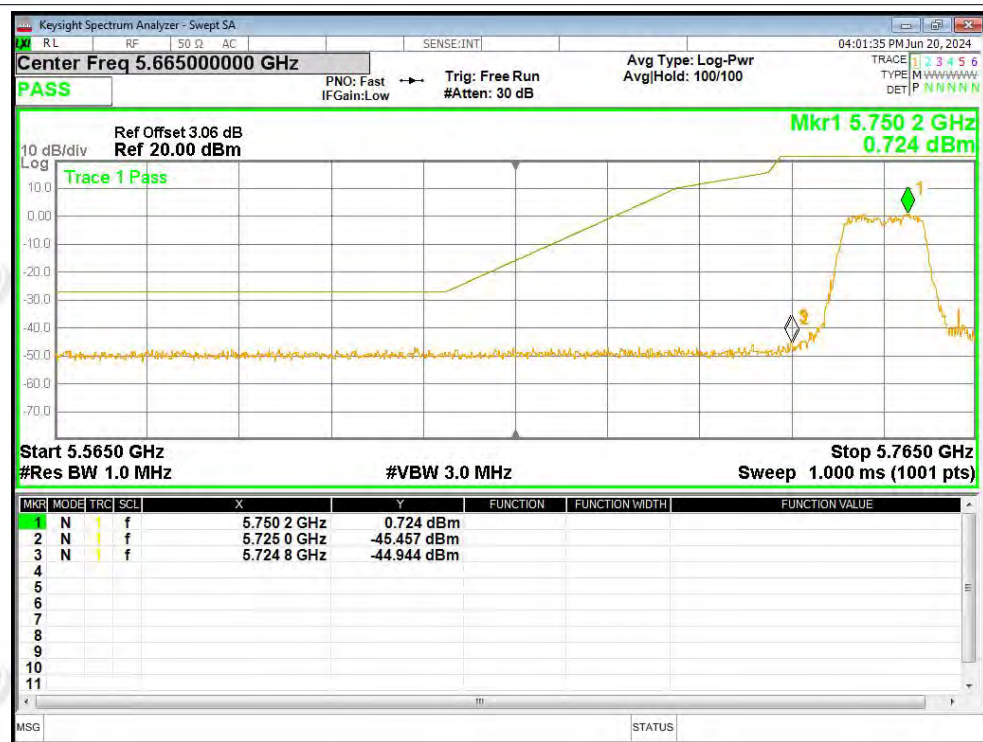


Band Edge NVNT ac20 5825MHz High Ant1

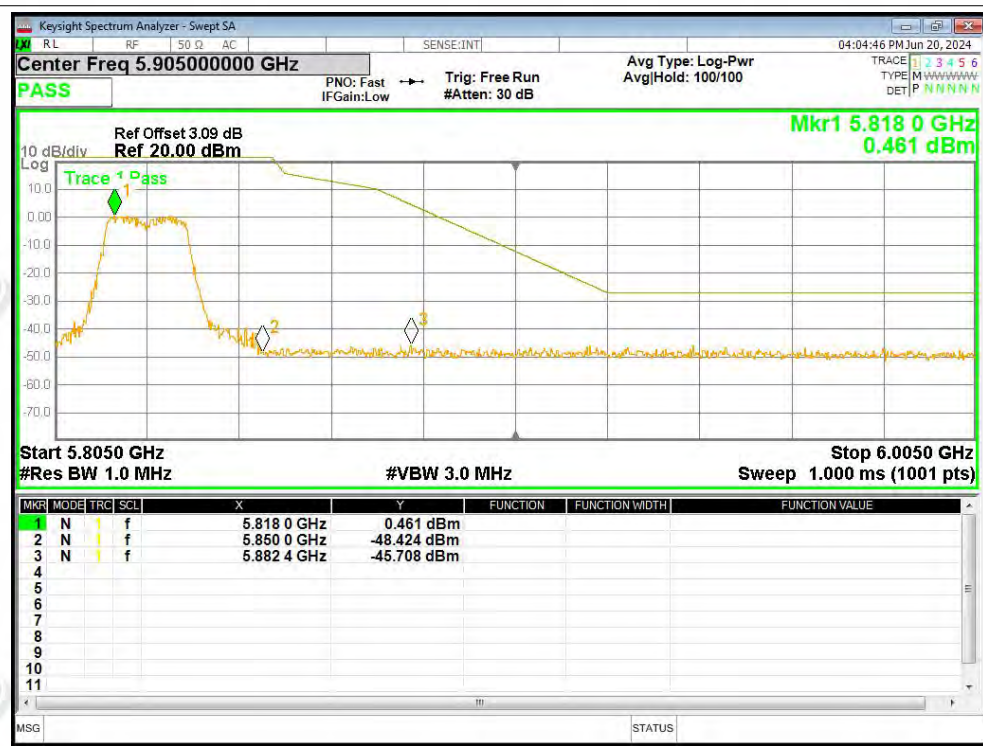




Band Edge NVNT ac20 5745MHz Low Ant2

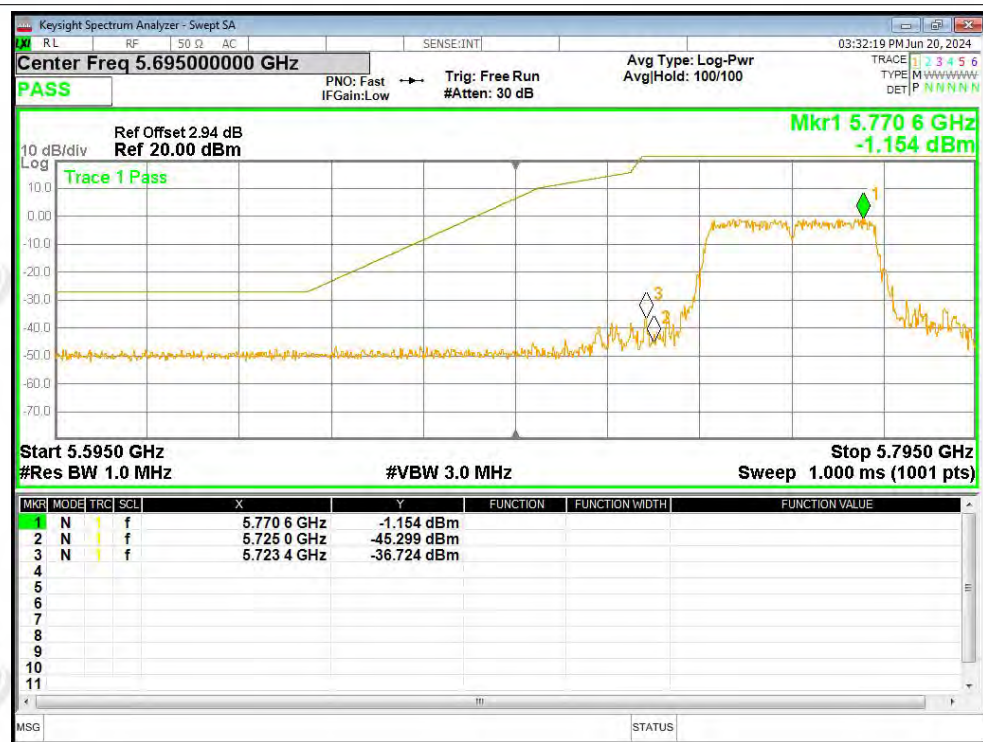


Band Edge NVNT ac20 5825MHz High Ant2

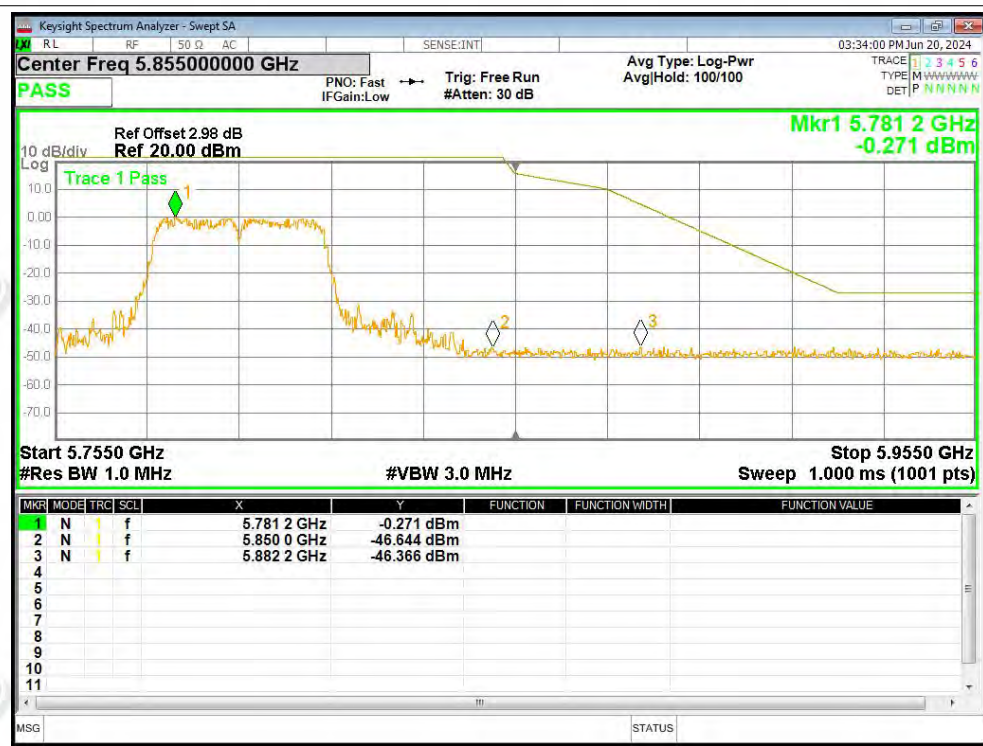




Band Edge NVNT ac40 5755MHz Low Ant1

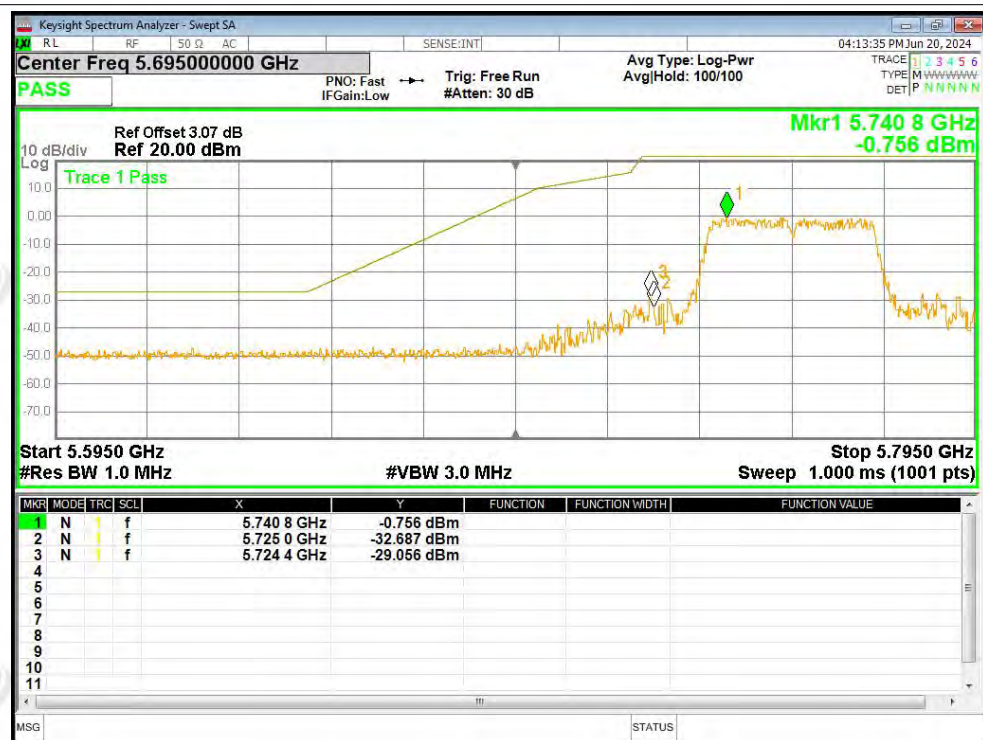


Band Edge NVNT ac40 5795MHz High Ant1





Band Edge NVNT ac40 5755MHz Low Ant2

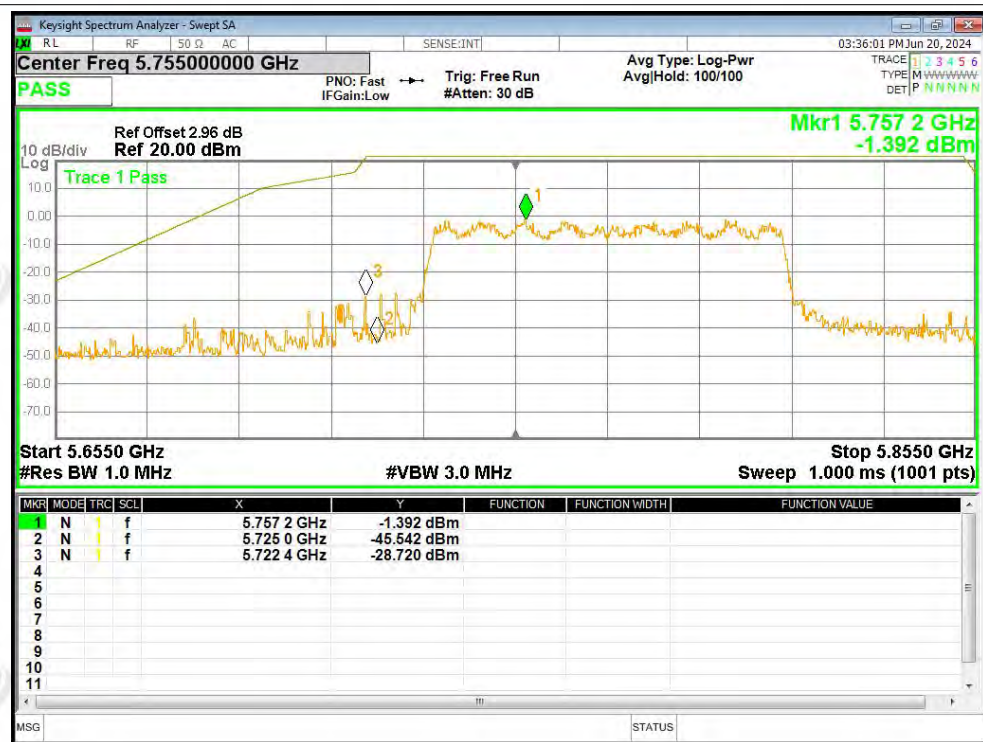


Band Edge NVNT ac40 5795MHz High Ant2

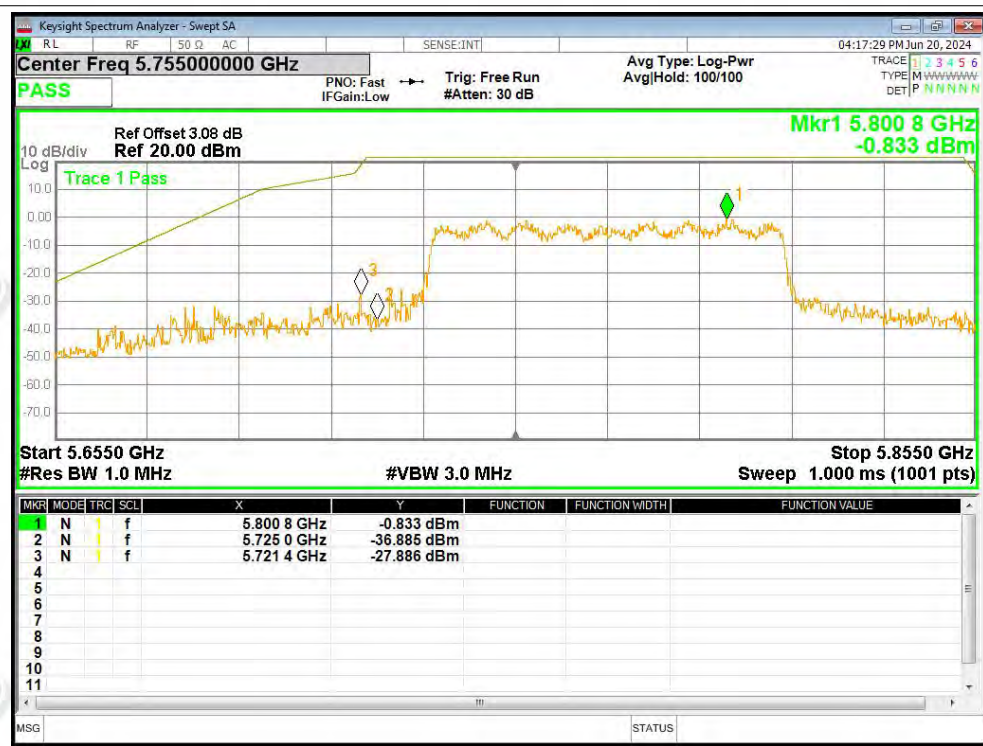




Band Edge NVNT ac80 5775MHz Low Ant1



Band Edge NVNT ac80 5775MHz Low Ant2





ZHONGHAN
B7. Frequency Stability

ANT1							
Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5745	NV	NT	-20000	-3.48	Within 5725-5850MHz	Pass
		LV	NT	-20000	-3.48		
		HV	NT	-20000	-3.48		
	5785	NV	NT	-20000	-3.46		
		LV	NT	-20000	-3.46		
		HV	NT	-20000	-3.46		
	5825	NV	NT	-40000	-6.87		
		LV	NT	-40000	-6.87		
		HV	NT	-40000	-6.87		
n20	5745	NV	NT	20000	3.48		
		LV	NT	20000	3.48		
		HV	NT	20000	3.48		
	5785	NV	NT	20000	3.48		
		LV	NT	20000	3.48		
		HV	NT	20000	3.48		
	5825	NV	NT	-20000	-3.43		
		LV	NT	-20000	-3.43		
		HV	NT	-20000	-3.43		
ac20	5745	NV	NT	-20000	-3.48		
		LV	NT	-20000	-3.48		
		HV	NT	-20000	-3.48		
	5785	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5825	NV	NT	-40000	-6.87		
		LV	NT	-40000	-6.87		
		HV	NT	-40000	-6.87		
n40	5755	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5795	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		



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		HV	NT	0	0		
ac40	5755	NV	NT	-40000	-6.95	Within 5725-5850MHz	Pass
		LV	NT	-40000	-6.95		
		HV	NT	-40000	-6.95		
		NV	NT	0	0		
	5795	LV	NT	0	0		
		HV	NT	0	0		
		NV	NT	0	0		
ac80	5775	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		

ANT1							
Temperature							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5745	NV	-20	-20000	-3.48	Within 5725-5850MHz	Pass
		NV	-10	-20000	-3.48		
		NV	0	-20000	-3.48		
		NV	20	-20000	-3.48		
		NV	40	-20000	-3.48		
		NV	60	-20000	-3.48		
		NV	70	-20000	-3.48		
	5785	NV	-20	-20000	-3.46		
		NV	-10	-20000	-3.46		
		NV	0	-20000	-3.46		
		NV	20	-20000	-3.46		
		NV	40	-20000	-3.46		
		NV	60	-20000	-3.46		
		NV	70	-20000	-3.46		
	5825	NV	-20	-20000	-3.46		
		NV	-10	-20000	-3.46		
		NV	0	-20000	-3.46		
		NV	20	-20000	-3.46		
		NV	40	-20000	-3.46		
		NV	60	-20000	-3.46		
		NV	70	-20000	-3.46		
N20	5745	NV	-20	20000	3.48		



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N20		NV	-10	20000	3.48	Within 5725-5850MHz	Pass
		NV	0	20000	3.48		
		NV	20	20000	3.48		
		NV	40	20000	3.48		
		NV	60	20000	3.48		
		NV	70	20000	3.48		
	5785	NV	-20	-20000	-3.46		
		NV	-10	-20000	-3.46		
		NV	0	-20000	-3.46		
		NV	20	-20000	-3.46		
		NV	40	-20000	-3.46		
		NV	60	-20000	-3.46		
		NV	70	-20000	-3.46		
	5825	NV	-20	-20000	-3.43		
		NV	-10	-20000	-3.43		
		NV	0	-20000	-3.43		
		NV	20	-20000	-3.43		
		NV	40	-20000	-3.43		
		NV	60	-20000	-3.43		
ac20	5745	NV	-20	-20000	-3.43		
		NV	-10	-20000	-3.43		
		NV	0	-20000	-3.43		
		NV	20	-20000	-3.43		
		NV	40	-20000	-3.43		
		NV	60	-20000	-3.43		
		NV	70	-20000	-3.43		
	5785	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5825	NV	-20	-40000	-6.87		
		NV	-10	-40000	-6.87		
		NV	0	-40000	-6.87		



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		NV	20	-40000	-6.87		
		NV	40	-40000	-6.87		
		NV	60	-40000	-6.87		
		NV	70	-40000	-6.87		
N40	5755	NV	-20	0	0	Within 5725-5850MHz	Pass
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
		NV	-20	0	0		
	5795	NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ac40	5755	NV	-20	-40000	-6.95		
		NV	-10	-40000	-6.95		
		NV	0	-40000	-6.95		
		NV	20	-40000	-6.95		
		NV	40	-40000	-6.95		
		NV	60	-40000	-6.95		
		NV	70	-40000	-6.95		
		NV	-20	0	0		
	5795	NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
		NV	70	0	0		
ac80	5775	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		



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		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		

ANT2							
Voltage							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5745	NV	NT	-40000	-6.96	Within 5725-5850MHz	Pass
		LV	NT	-40000	-6.96		
		HV	NT	-40000	-6.96		
	5785	NV	NT	-20000	-3.46		
		LV	NT	-20000	-3.46		
		HV	NT	-20000	-3.46		
	5825	NV	NT	-20000	-3.43		
		LV	NT	-20000	-3.43		
		HV	NT	-20000	-3.43		
n20	5745	NV	NT	-20000	-3.48		
		LV	NT	-20000	-3.48		
		HV	NT	-20000	-3.48		
	5785	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5825	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ac20	5745	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
	5785	NV	NT	-40000	-6.91		
		LV	NT	-40000	-6.91		
		HV	NT	-40000	-6.91		
	5825	NV	NT	-20000	-3.43		
		LV	NT	-20000	-3.43		
		HV	NT	-20000	-3.43		
n40	5755	NV	NT	-40000	-6.95		
		LV	NT	-40000	-6.95		



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	5795	HV	NT	-40000	-6.95		
		NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ac40	5755	NV	NT	0	0	Within 5725-5850MHz	Pass
		LV	NT	0	0		
		HV	NT	0	0		
	5795	NV	NT	0	0		
		LV	NT	0	0		
		HV	NT	0	0		
ac80	5775	NV	NT	80000	13.85		
		LV	NT	80000	13.85		
		HV	NT	80000	13.85		

ANT2							
Temperature							
TestMode	Channel	Voltage [Vdc]	Temperature (°C)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5745	NV	-20	-40000	-6.96	Within 5725-5850MHz	Pass
		NV	-10	-40000	-6.96		
		NV	0	-40000	-6.96		
		NV	20	-40000	-6.96		
		NV	40	-40000	-6.96		
		NV	60	-40000	-6.96		
		NV	70	-40000	-6.96		
	5785	NV	-20	-20000	-3.46		
		NV	-10	-20000	-3.46		
		NV	0	-20000	-3.46		
		NV	20	-20000	-3.46		
		NV	40	-20000	-3.46		
		NV	60	-20000	-3.46		
		NV	70	-20000	-3.46		
	5825	NV	-20	-20000	-3.43		
		NV	-10	-20000	-3.43		
		NV	0	-20000	-3.43		
		NV	20	-20000	-3.43		
		NV	40	-20000	-3.43		



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N20	5745	NV	60	-20000	-3.43		
		NV	70	-20000	-3.43		
		NV	-20	-20000	-3.48		
		NV	-10	-20000	-3.48		
		NV	0	-20000	-3.48		
		NV	20	-20000	-3.48		
		NV	40	-20000	-3.48		
		NV	60	-20000	-3.48		
		NV	70	-20000	-3.48		
		NV	70	-20000	-3.48		
N20	5785	NV	-20	0	0	Within 5725-5850MHz	Pass
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5825	NV	-20	-40000	-6.87		
		NV	-10	-40000	-6.87		
		NV	0	-40000	-6.87		
		NV	20	-40000	-6.87		
		NV	40	-40000	-6.87		
		NV	60	-40000	-6.87		
		NV	70	-40000	-6.87		
ac20	5745	NV	-20	-40000	-6.96		
		NV	-10	-40000	-6.96		
		NV	0	-40000	-6.96		
		NV	20	-40000	-6.96		
		NV	40	-40000	-6.96		
		NV	60	-40000	-6.96		
		NV	70	-40000	-6.96		
	5785	NV	-20	-40000	-6.91		
		NV	-10	-40000	-6.91		
		NV	0	-40000	-6.91		
		NV	20	-40000	-6.91		
		NV	40	-40000	-6.91		
		NV	60	-40000	-6.91		
		NV	70	-40000	-6.91		



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	5825	NV	-20	-20000	-3.43	Within 5725-5850MHz	Pass
		NV	-10	-20000	-3.43		
		NV	0	-20000	-3.43		
		NV	20	-20000	-3.43		
		NV	40	-20000	-3.43		
		NV	60	-20000	-3.43		
		NV	70	-20000	-3.43		
N40	5755	NV	-20	-40000	-6.87		
		NV	-10	-40000	-6.87		
		NV	0	-40000	-6.87		
		NV	20	-40000	-6.87		
		NV	40	-40000	-6.87		
		NV	60	-40000	-6.87		
		NV	70	-40000	-6.87		
	5795	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ac40	5755	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
	5795	NV	-20	0	0		
		NV	-10	0	0		
		NV	0	0	0		
		NV	20	0	0		
		NV	40	0	0		
		NV	60	0	0		
		NV	70	0	0		
ac80	5775	NV	-20	80000	13.85		

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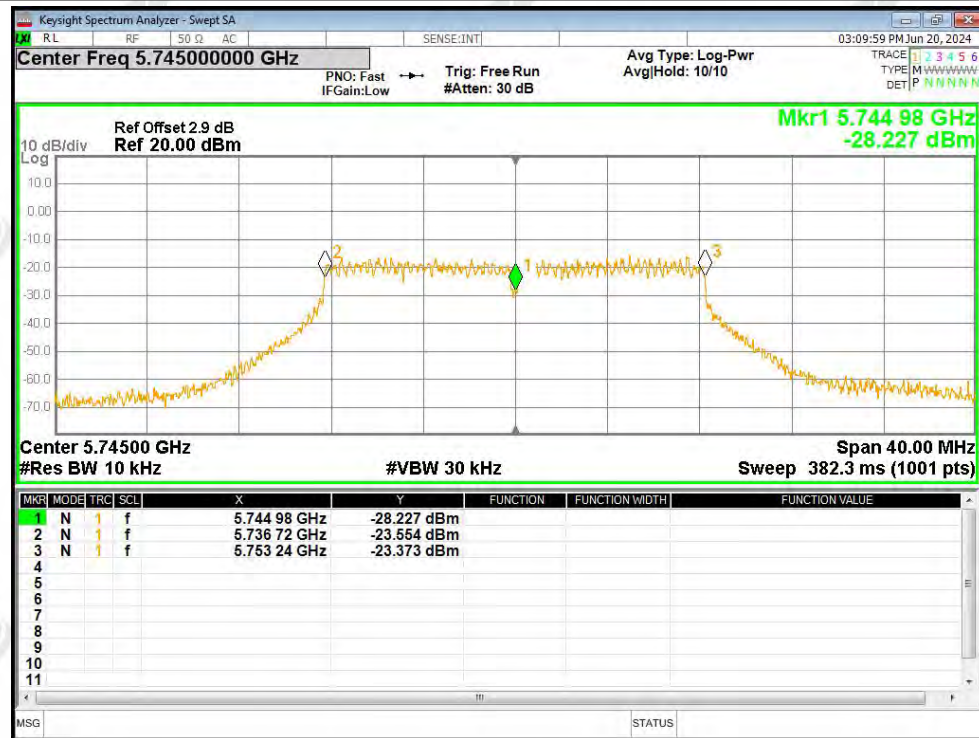
		NV	-10	80000	13.85		
		NV	0	80000	13.85		
		NV	20	80000	13.85		
		NV	40	80000	13.85		
		NV	60	80000	13.85		
		NV	70	80000	13.85		

Note: Test temperature: -20° to + 70°. At room temperature, the test results are the worst, only reflecting the test results graphs at room temperature.

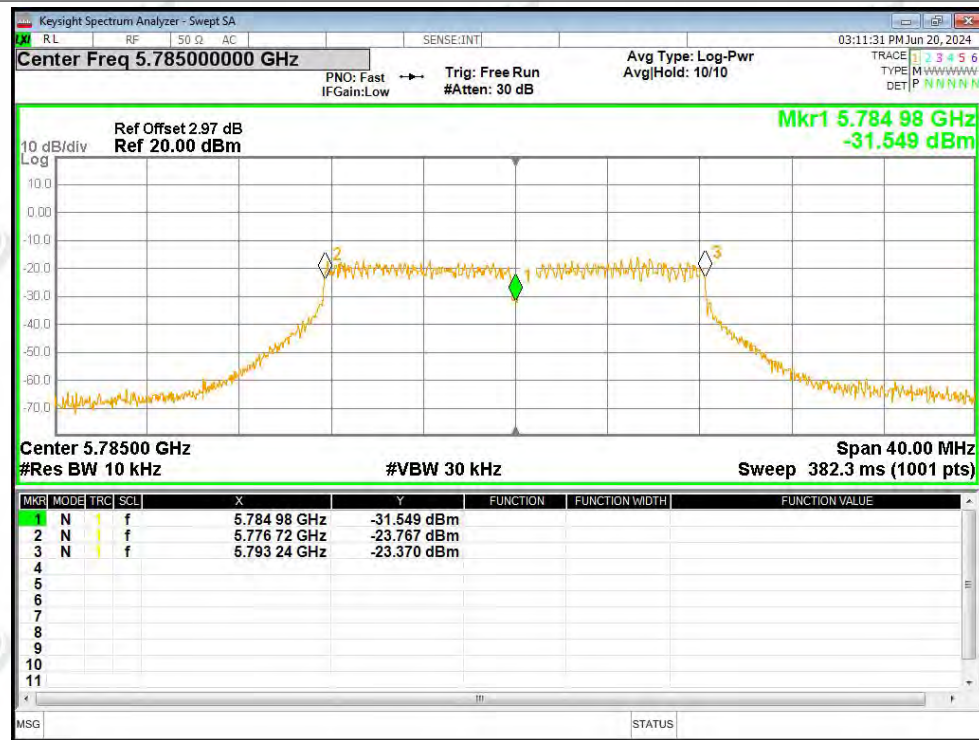


Test Graphs

Freq. Stability NVNT a 5745MHz Ant1

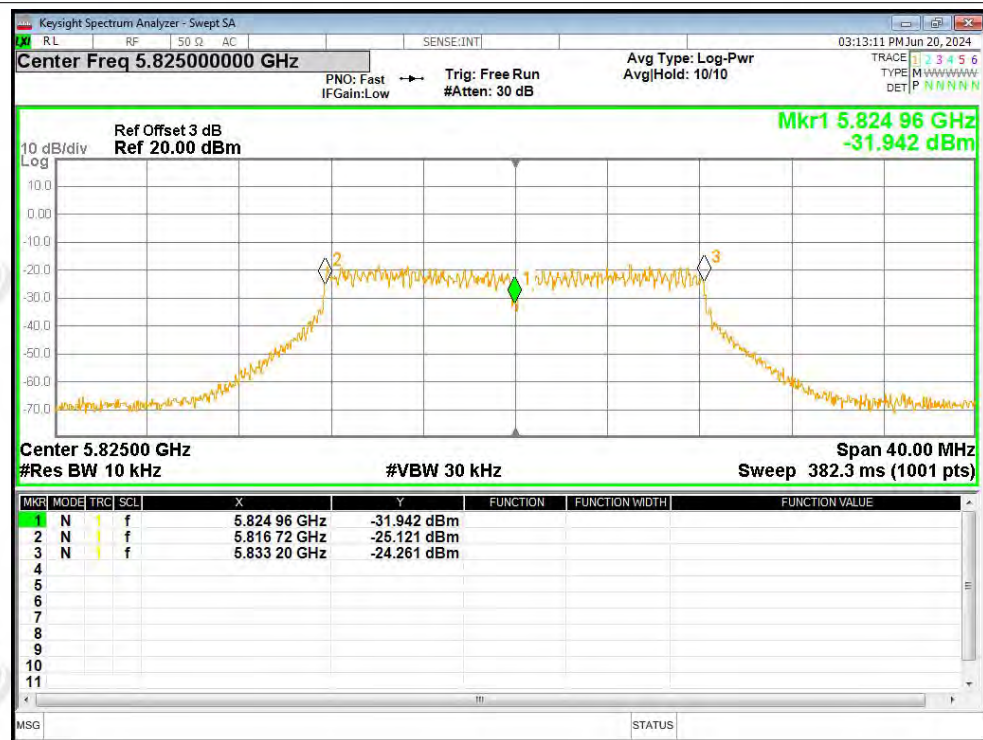


Freq. Stability NVNT a 5785MHz Ant1

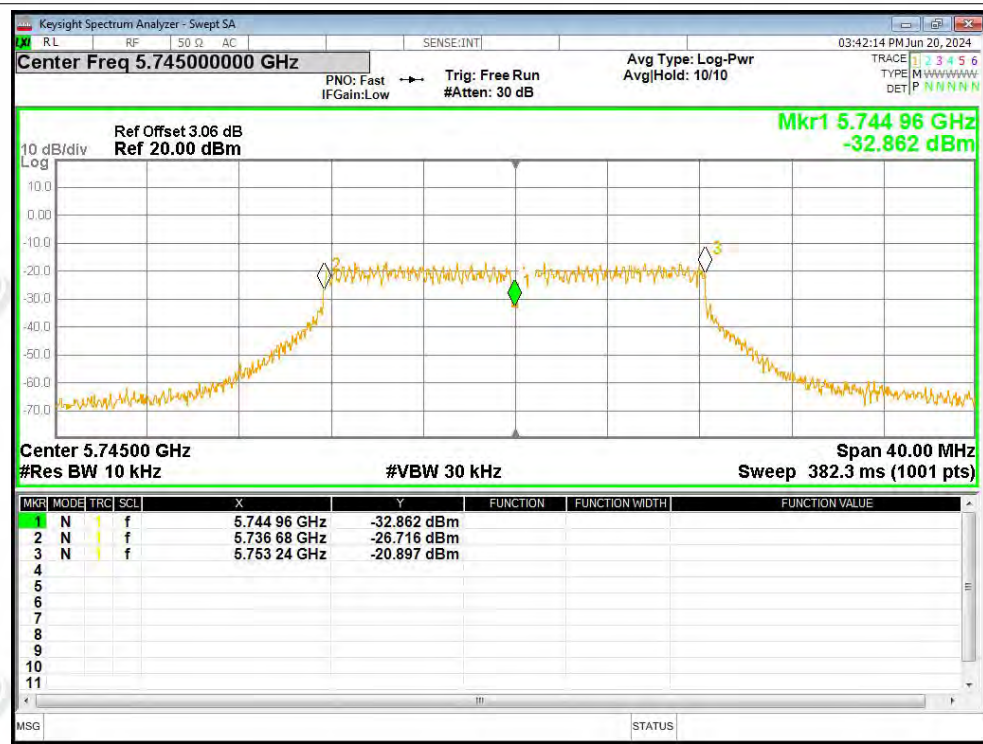




Freq. Stability NVNT a 5825MHz Ant1



Freq. Stability NVNT a 5745MHz Ant2

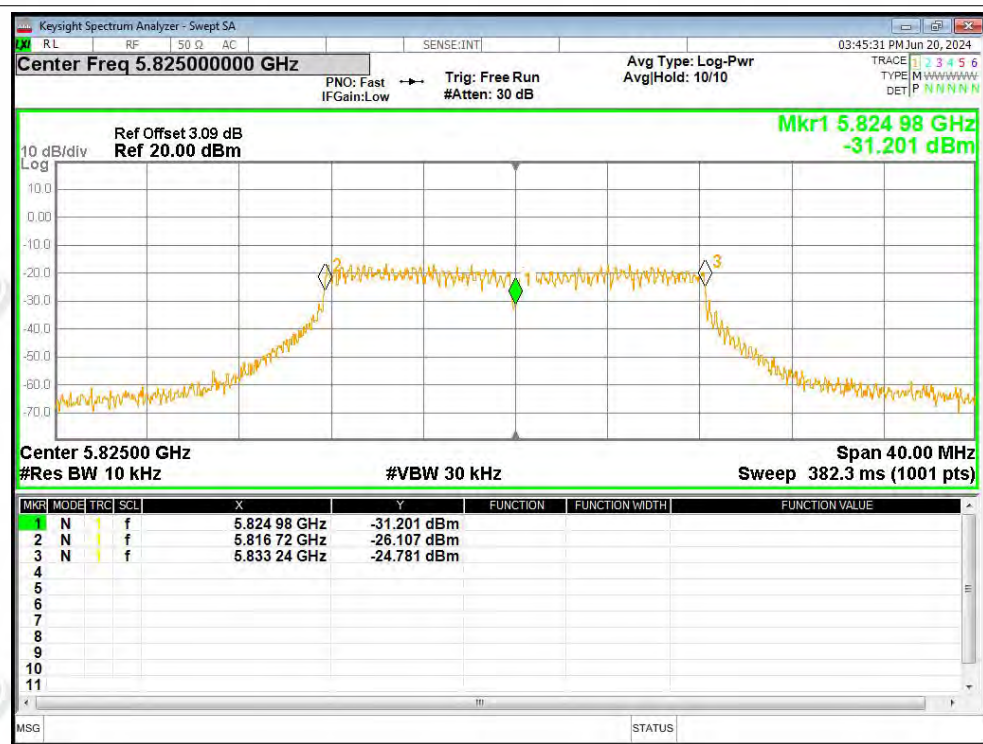




Freq. Stability NVNT a 5785MHz Ant2

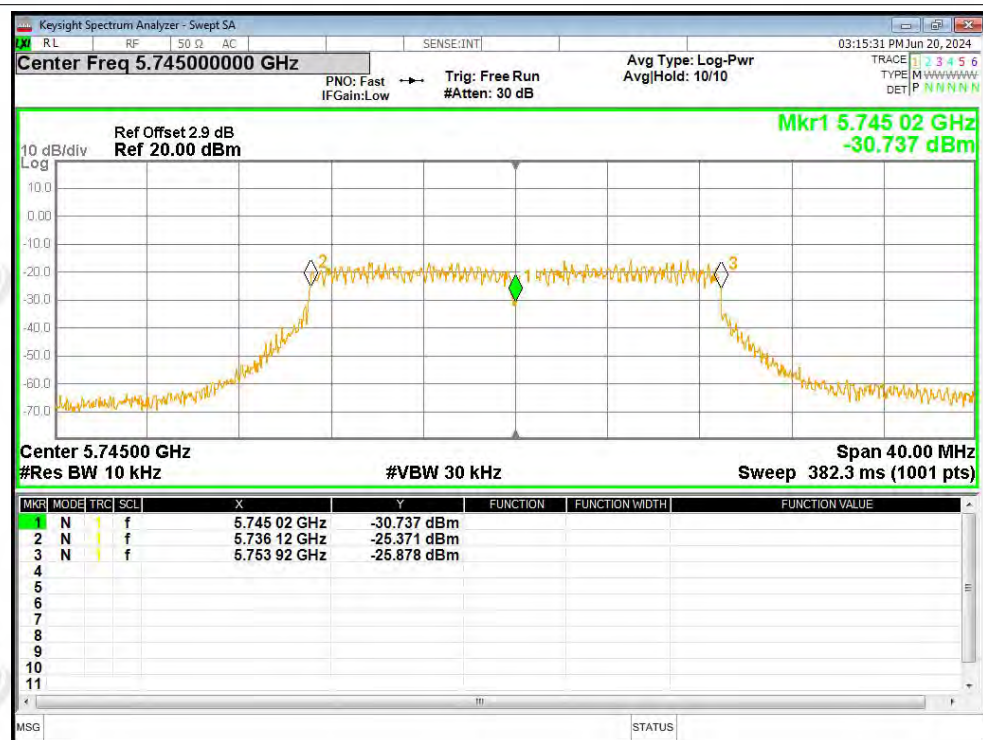


Freq. Stability NVNT a 5825MHz Ant2

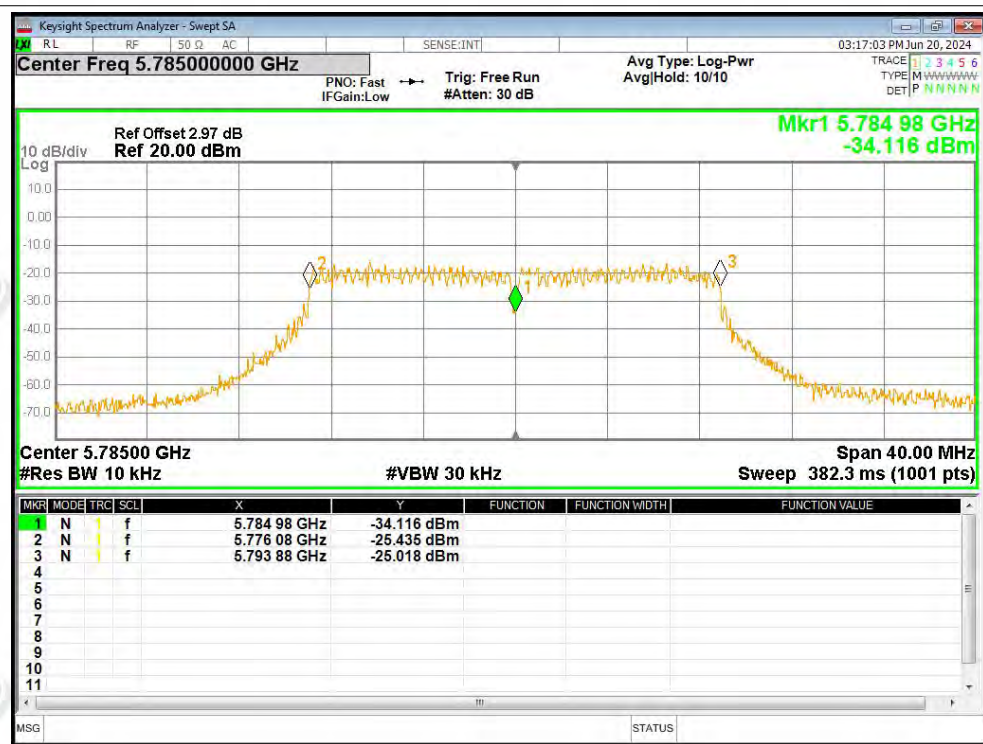




Freq. Stability NVNT n20 5745MHz Ant1

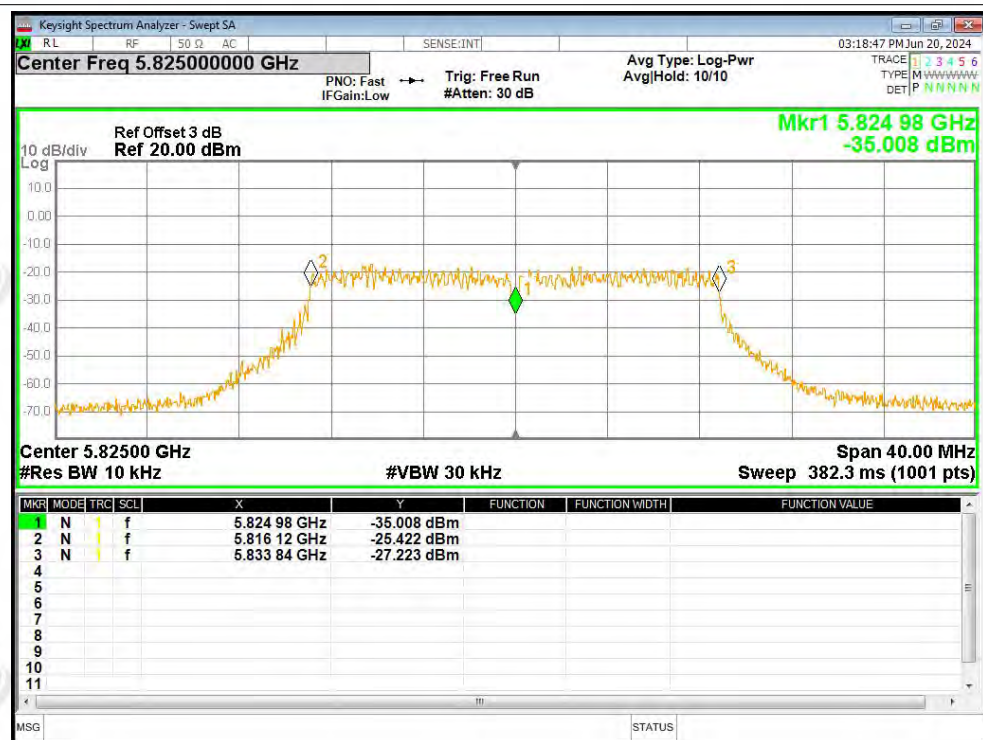


Freq. Stability NVNT n20 5785MHz Ant1

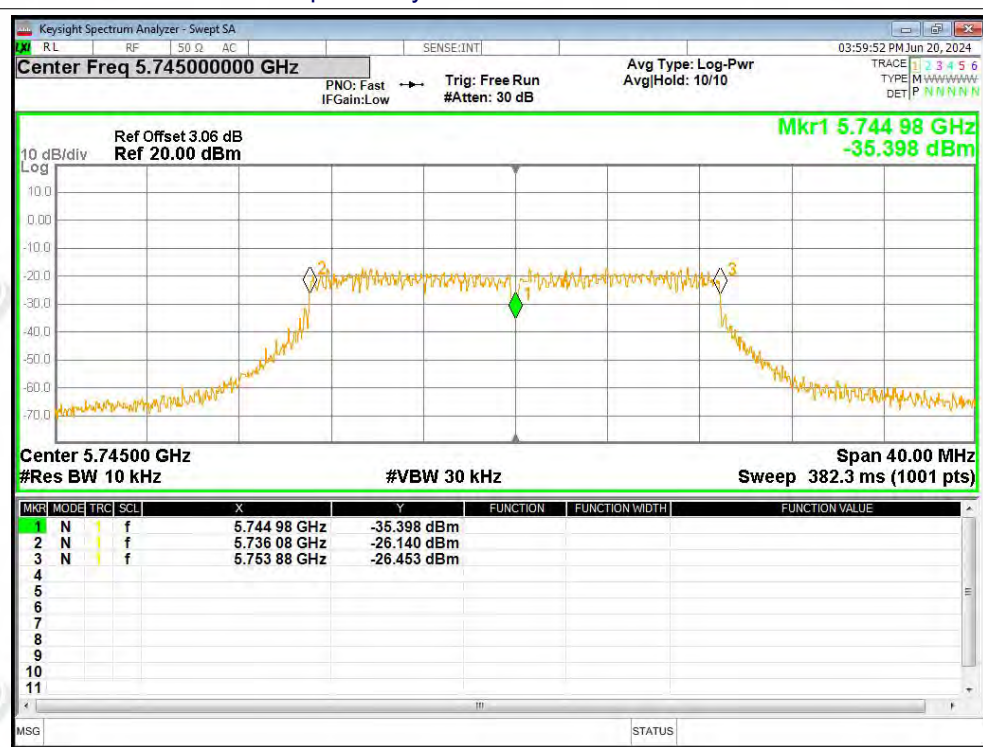




Freq. Stability NVNT n20 5825MHz Ant1

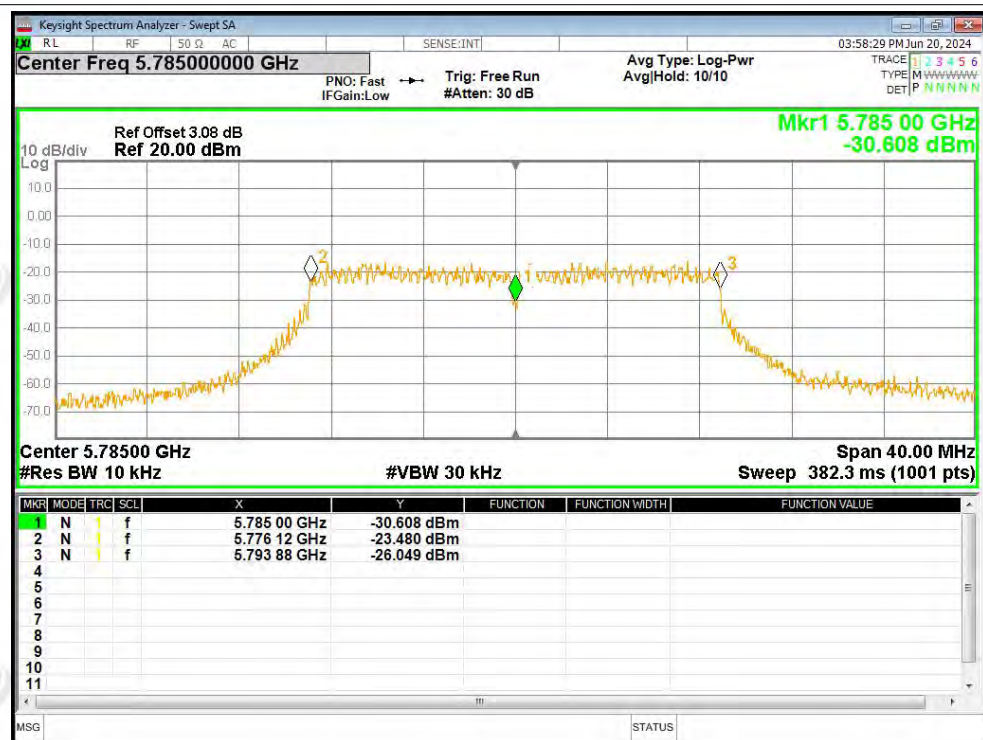


Freq. Stability NVNT n20 5745MHz Ant2

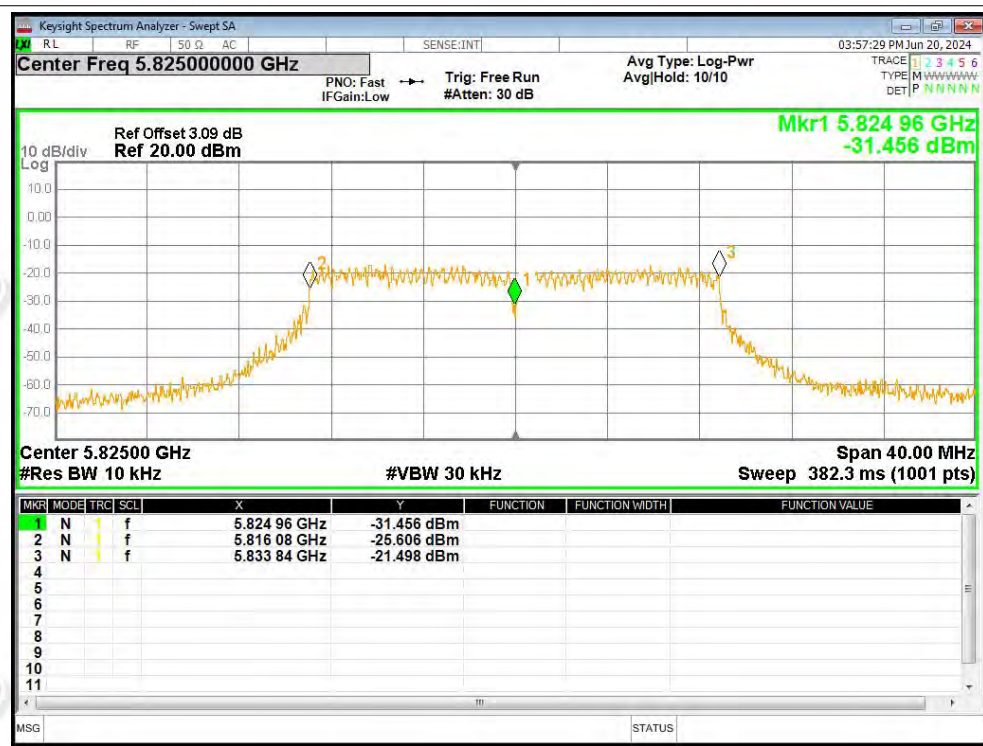




Freq. Stability NVNT n20 5785MHz Ant2

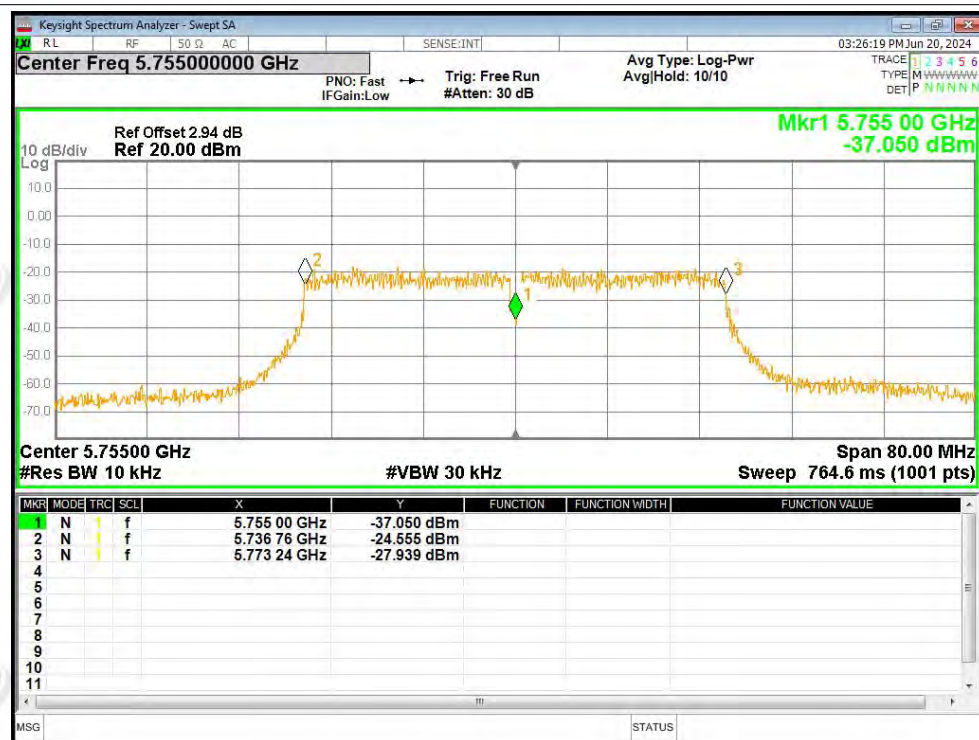


Freq. Stability NVNT n20 5825MHz Ant2

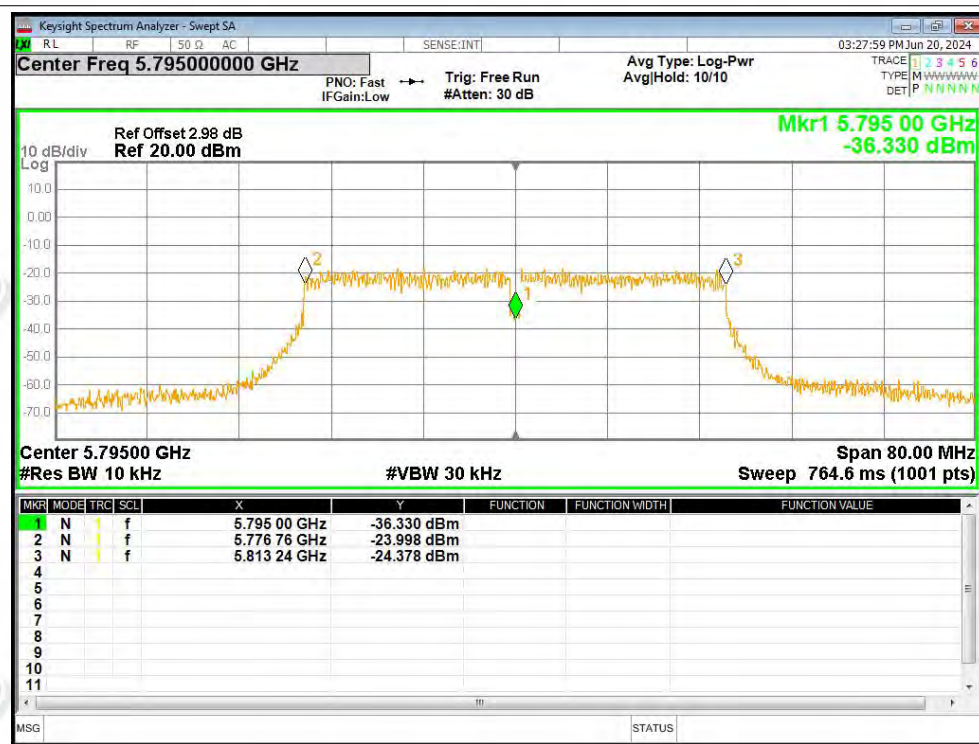




Freq. Stability NVNT n40 5755MHz Ant1

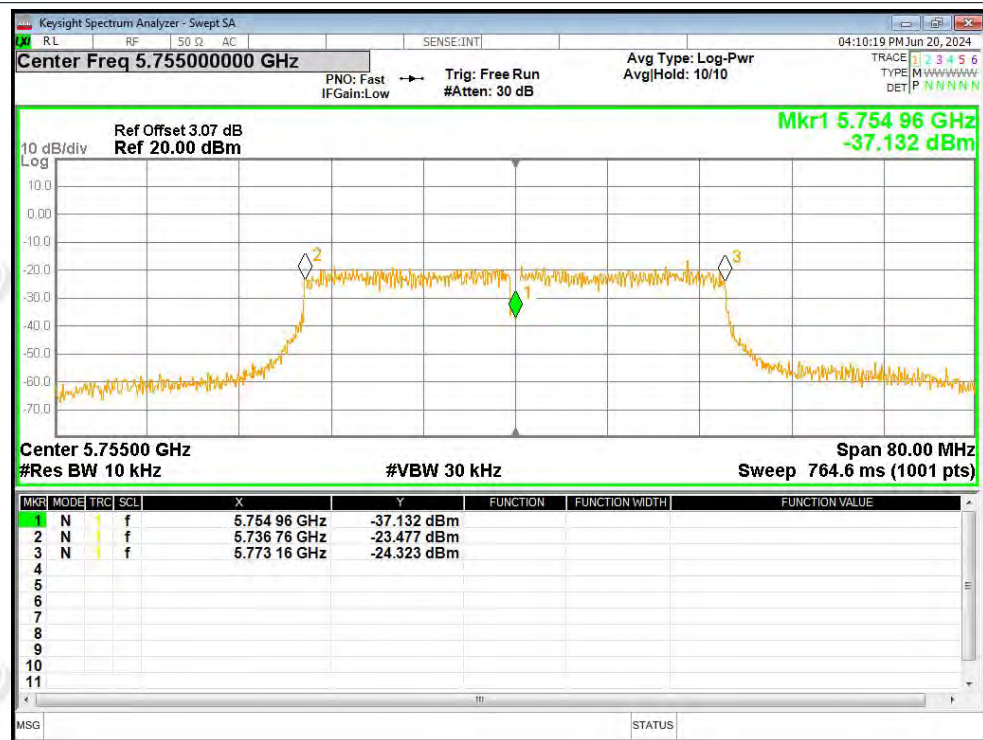


Freq. Stability NVNT n40 5795MHz Ant1





Freq. Stability NVNT n40 5755MHz Ant2



Freq. Stability NVNT n40 5795MHz Ant2

