

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict		
NVNT	a	5745	Ant1	-27.05	-27	Pass		
		5825		-27.07	-27	Pass		
	n20	5745		-27.24	-27	Pass		
		5825		-27.06	-27	Pass		
	n40	5755		-27.07	-27	Pass		
		5795		-27.35	-27	Pass		
	ac20	5745		-27.04	-27	Pass		
		5825		-27.45	-27	Pass		
	ac40	5755		-27.7	-27	Pass		
		5795		-27.13	-27	Pass		
	ax20	5745		-27.65	-27	Pass		
		5825		-27.07	-27	Pass		
	ax40	5755		-27.09	-27	Pass		
		5795		-27.01	-27	Pass		
	Reamrk: Antenna gain is covered in the test.							

Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



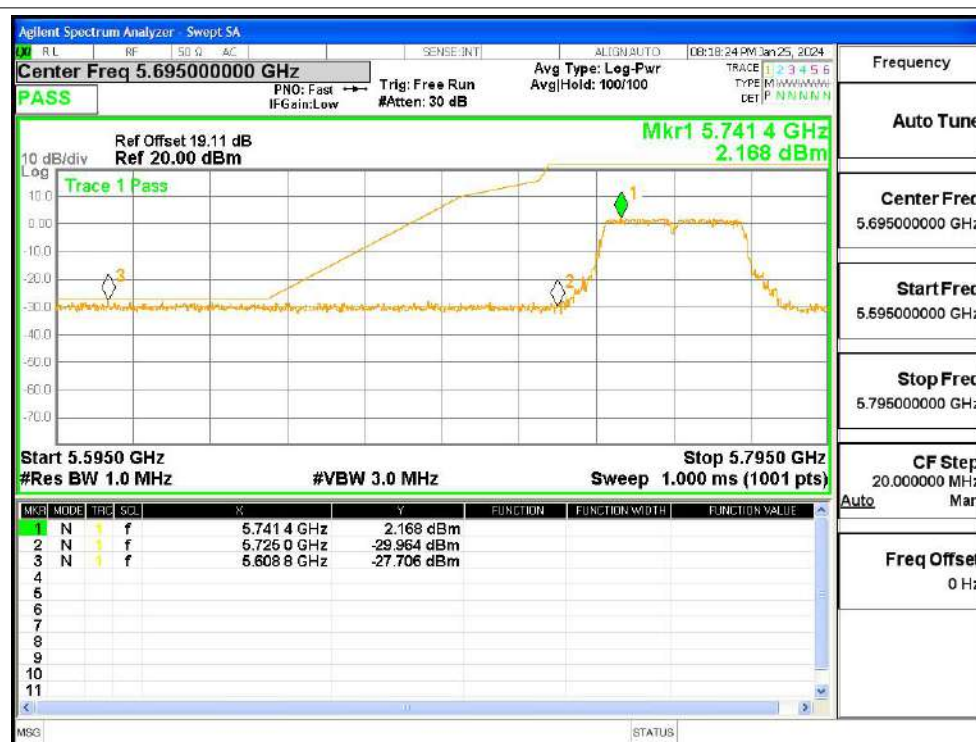
Band Edge NVNT ac20 5745MHz Low Ant1



Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ax20 5745MHz Low Ant1



Band Edge NVNT ax20 5825MHz High Ant1



Band Edge NVNT ax40 5755MHz Low Ant1



Band Edge NVNT ax40 5795MHz High Ant1

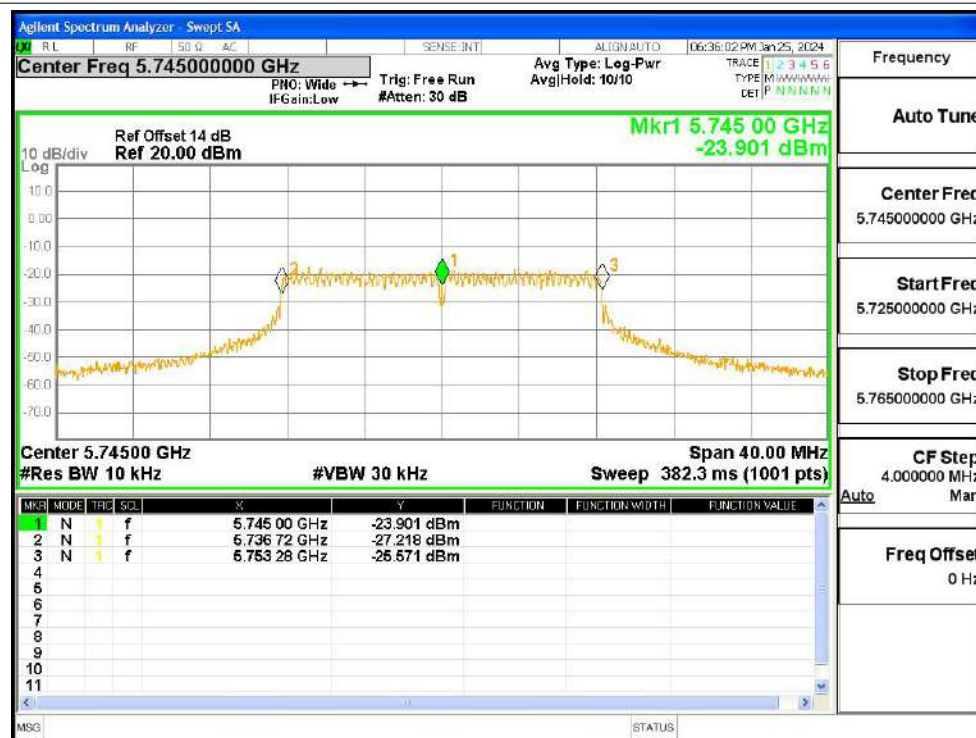


Frequency Stability

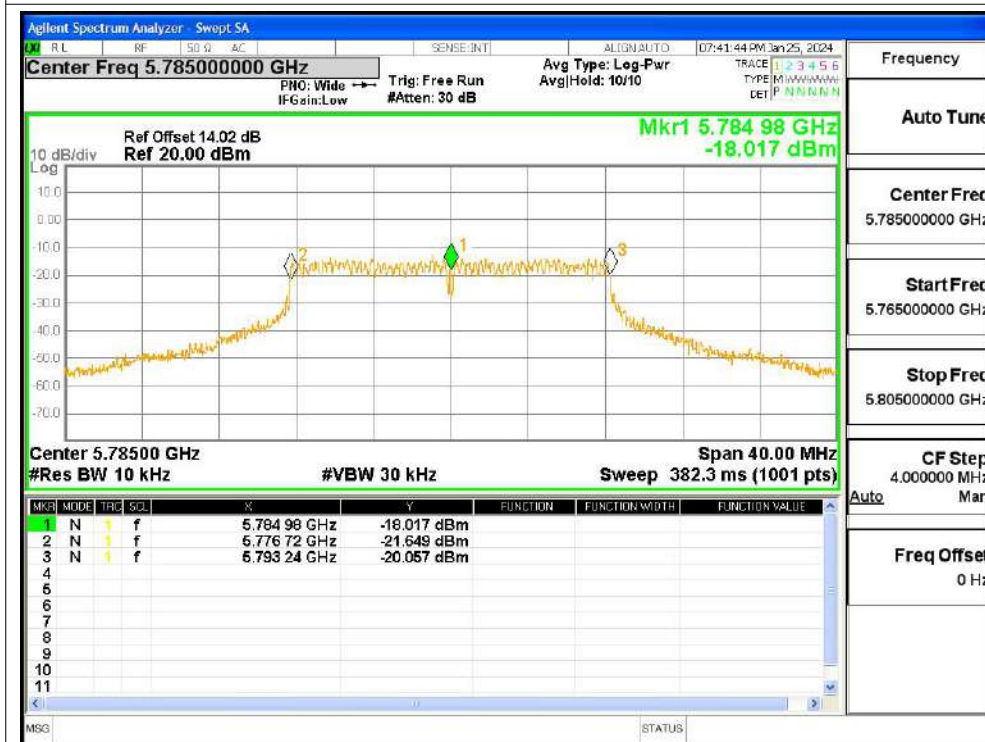
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	a	5745	Ant1	5745	0	0	25	Pass
		5785		5784.98	-20000	-3.46	25	Pass
		5825		5824.98	-20000	-3.43	25	Pass
	n20	5745		5744.98	-20000	-3.48	25	Pass
		5785		5784.96	-40000	-6.91	25	Pass
		5825		5824.98	-20000	-3.43	25	Pass
	n40	5755		5754.96	-40000	-6.95	25	Pass
		5795		5795	0	0	25	Pass
	ac20	5745		5744.98	-20000	-3.48	25	Pass
		5785		5784.98	-20000	-3.46	25	Pass
		5825		5824.98	-20000	-3.43	25	Pass
	ac40	5755		5754.96	-40000	-6.95	25	Pass
		5795		5795	0	0	25	Pass
	ax20	5745		5744.98	-20000	-3.48	25	Pass
		5785		5784.98	-20000	-3.46	25	Pass
		5825		5824.98	-20000	-3.43	25	Pass
	ax40	5755		5754.96	-40000	-6.95	25	Pass
		5795		5794.96	-40000	-6.9	25	Pass

Test Graphs

Freq. Stability NVNT a 5745MHz Ant1



Freq. Stability NVNT a 5785MHz Ant1



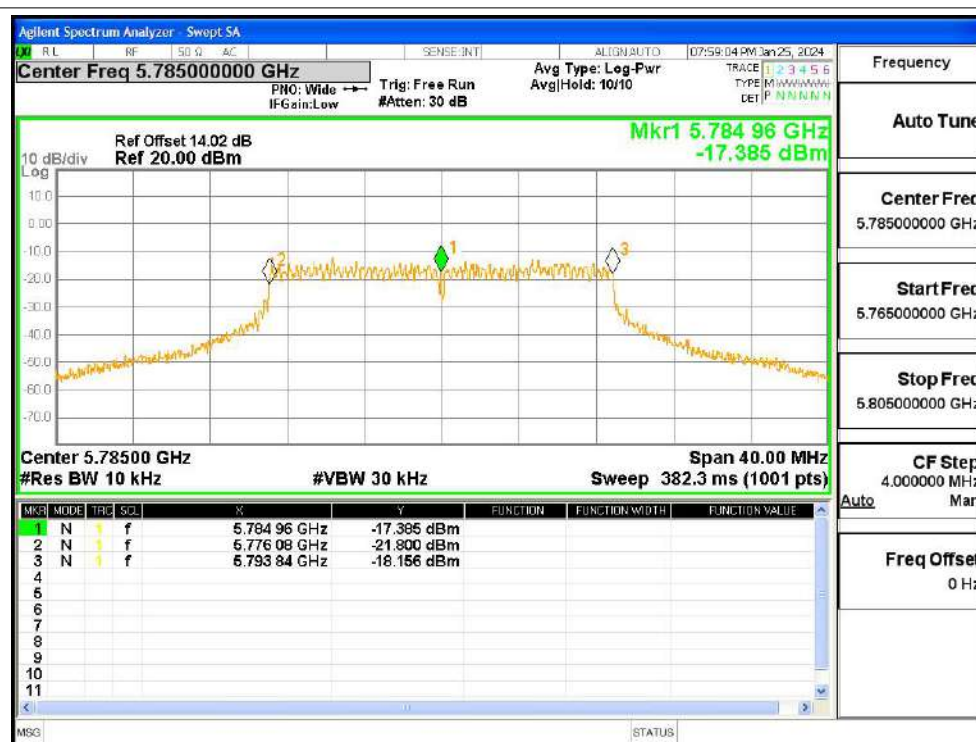
Freq. Stability NVNT a 5825MHz Ant1



Freq. Stability NVNT n20 5745MHz Ant1



Freq. Stability NVNT n20 5785MHz Ant1



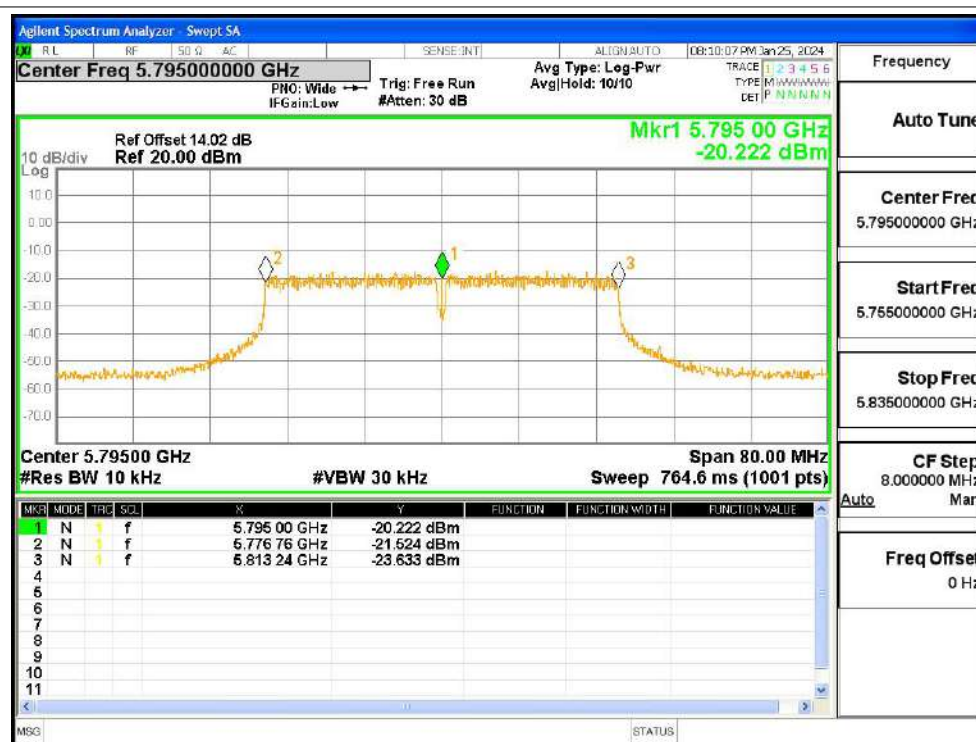
Freq. Stability NVNT n20 5825MHz Ant1



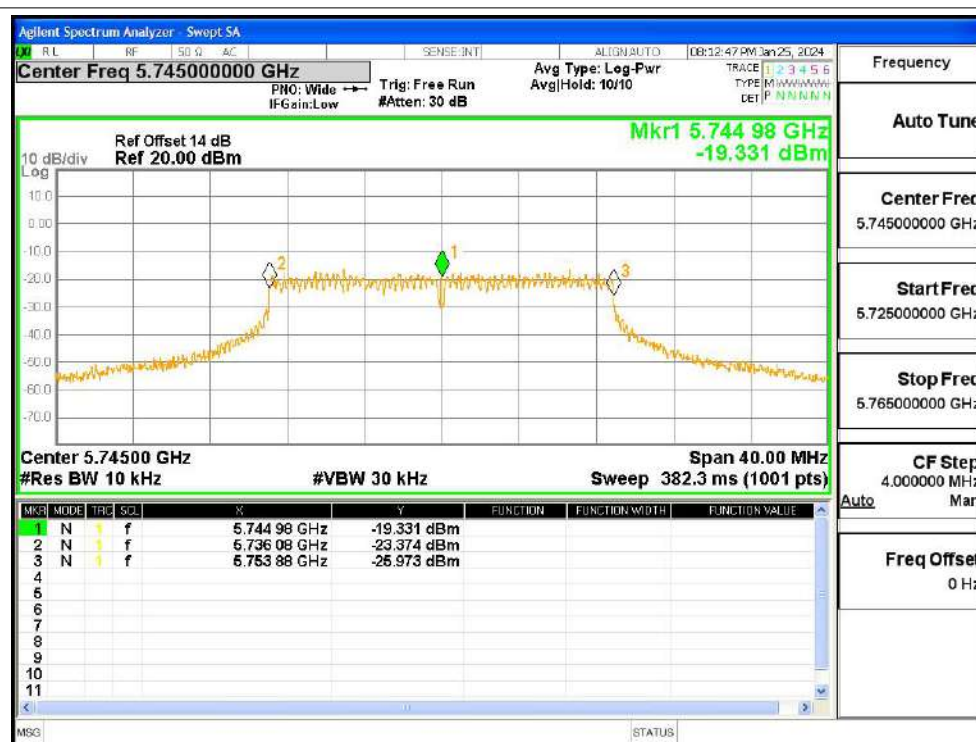
Freq. Stability NVNT n40 5755MHz Ant1



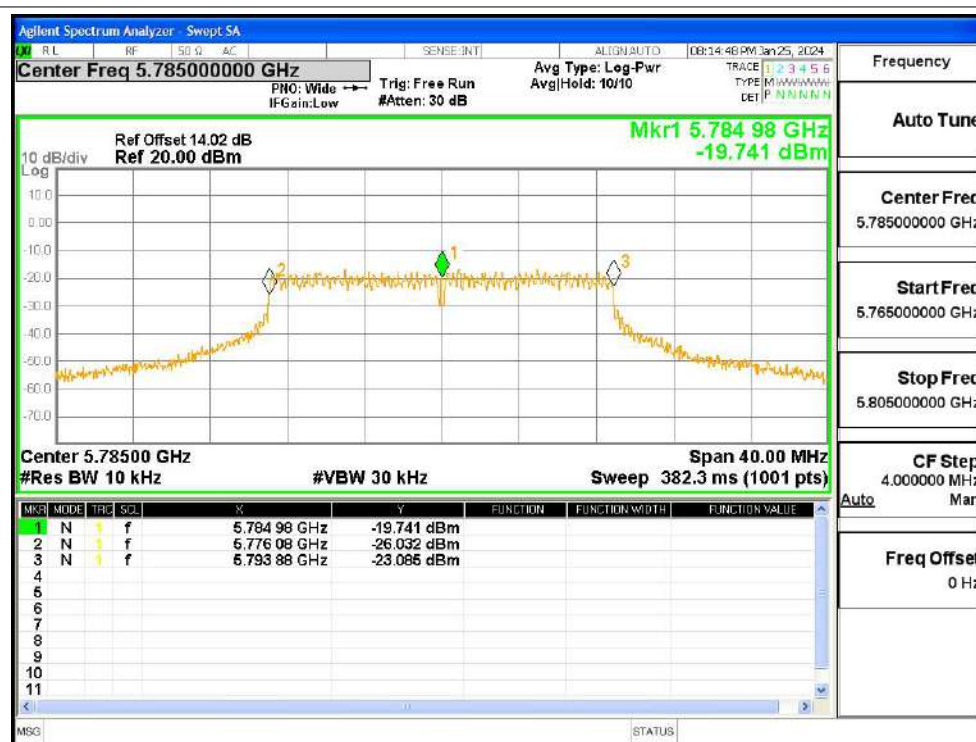
Freq. Stability NVNT n40 5795MHz Ant1



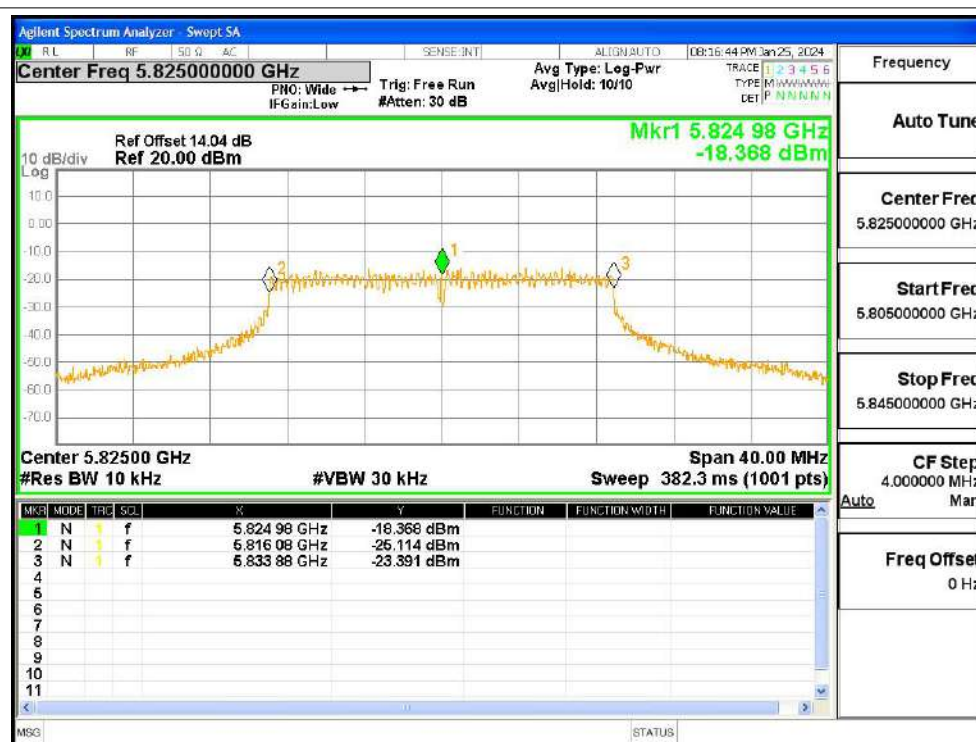
Freq. Stability NVNT ac20 5745MHz Ant1



Freq. Stability NVNT ac20 5785MHz Ant1



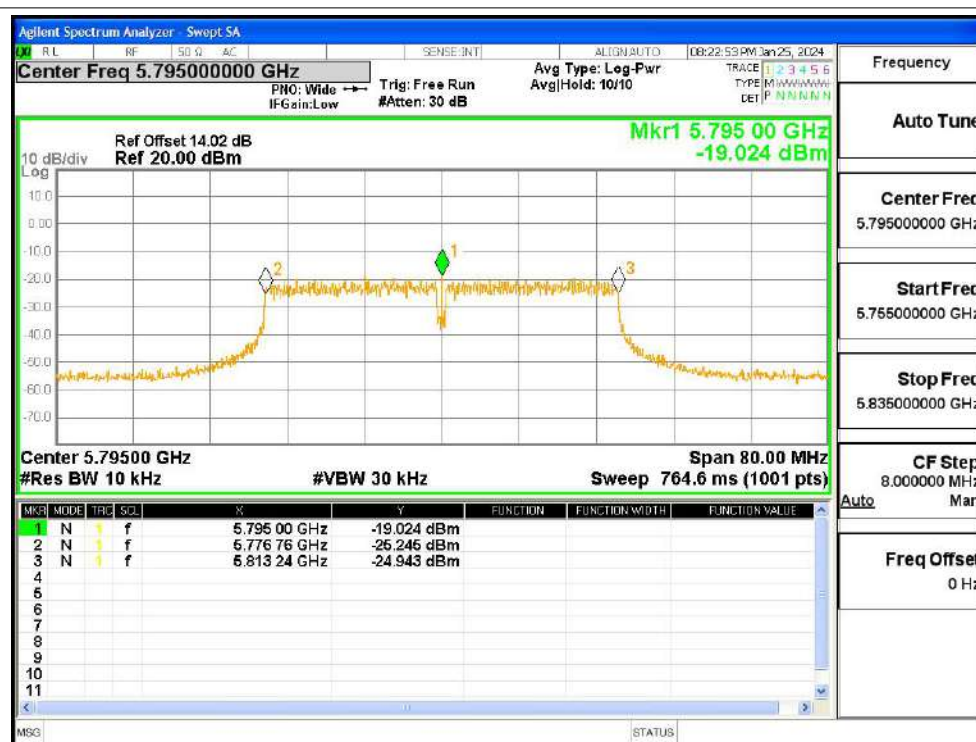
Freq. Stability NVNT ac20 5825MHz Ant1



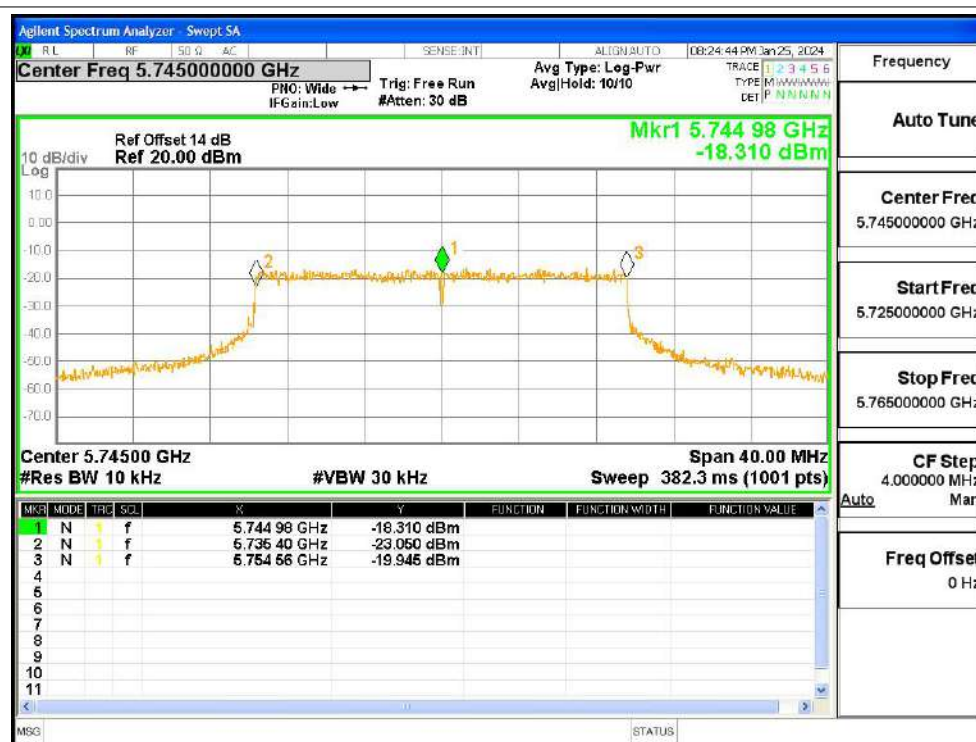
Freq. Stability NVNT ac40 5755MHz Ant1



Freq. Stability NVNT ac40 5795MHz Ant1



Freq. Stability NVNT ax20 5745MHz Ant1



Freq. Stability NVNT ax20 5785MHz Ant1



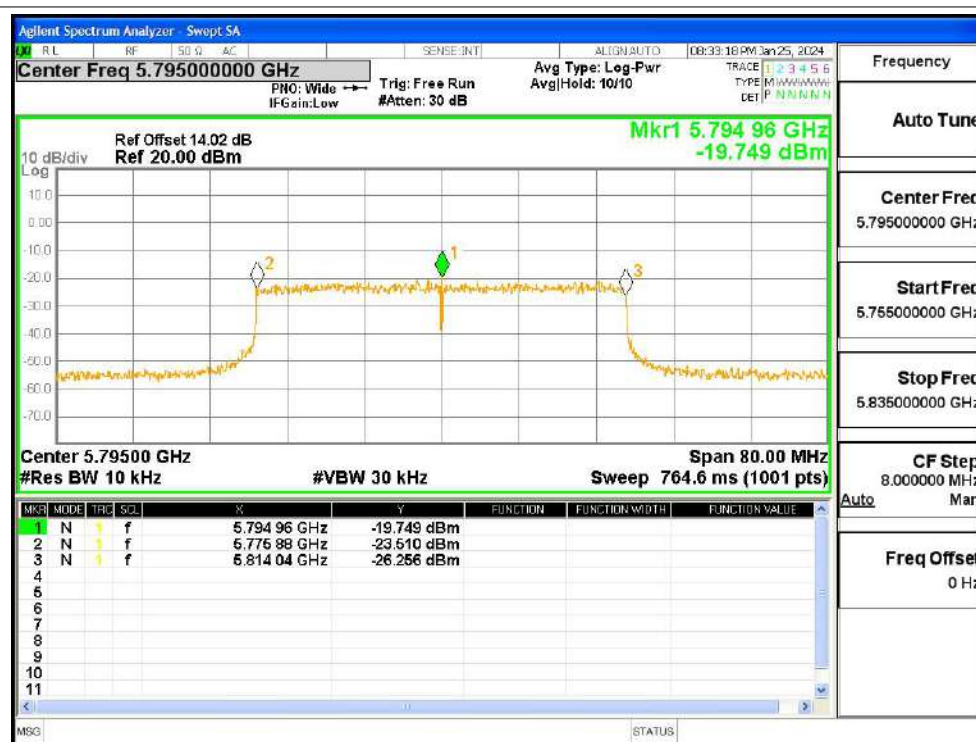
Freq. Stability NVNT ax20 5825MHz Ant1



Freq. Stability NVNT ax40 5755MHz Ant1



Freq. Stability NVNT ax40 5795MHz Ant1



Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-27.23	-27	Pass
		5785		-28.44	-27	Pass
		5825		-28.31	-27	Pass
	n20	5745		-28.72	-27	Pass
		5785		-28.48	-27	Pass
		5825		-27.99	-27	Pass
	n40	5755		-27.7	-27	Pass
		5795		-27.68	-27	Pass
	ac20	5745		-27.77	-27	Pass
		5785		-27.52	-27	Pass
		5825		-28.57	-27	Pass
	ac40	5755		-28.05	-27	Pass
		5795		-27.65	-27	Pass
	ax20	5745		-27.71	-27	Pass
		5785		-28.36	-27	Pass
		5825		-28.04	-27	Pass
	ax40	5755		-28.55	-27	Pass
		5795		-28.22	-27	Pass
Reamrk: Antenna gain is covered in the test.						



Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



Tx. Spurious NVNT n20 5785MHz Ant1 Emission



Tx. Spurious NVNT n20 5825MHz Ant1 Emission



Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



Tx. Spurious NVNT ac20 5785MHz Ant1 Emission





Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



Tx. Spurious NVNT ax20 5745MHz Ant1 Emission



Tx. Spurious NVNT ax20 5785MHz Ant1 Emission



Tx. Spurious NVNT ax20 5825MHz Ant1 Emission



Tx. Spurious NVNT ax40 5755MHz Ant1 Emission



Tx. Spurious NVNT ax40 5795MHz Ant1 Emission

