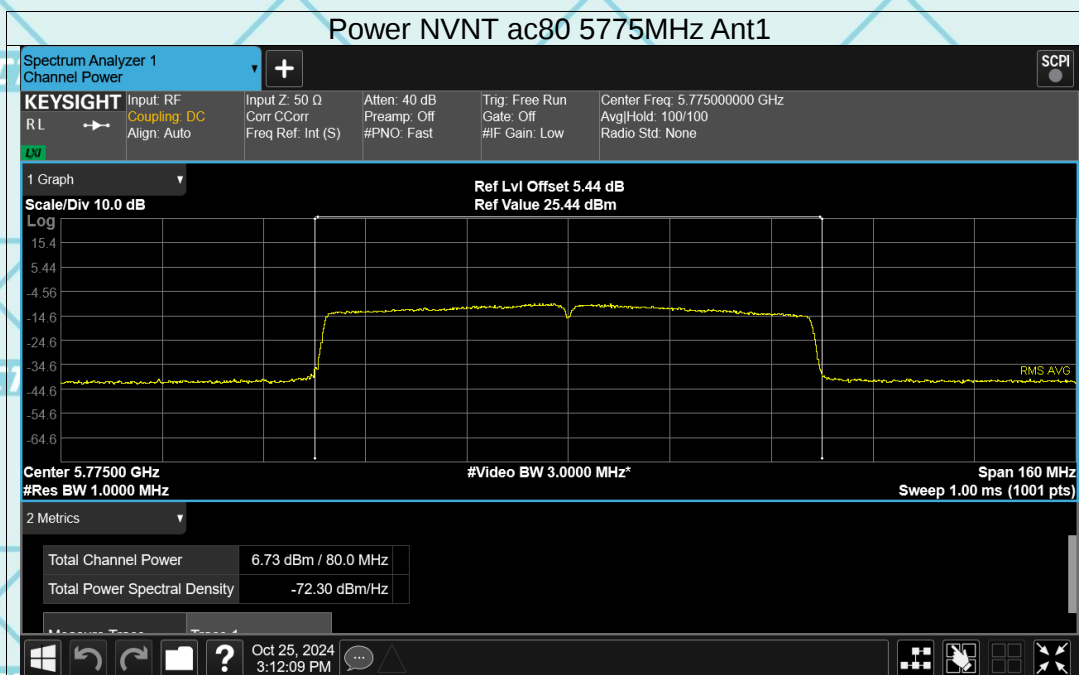


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2



Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

7.7 POWER SPECTRAL DENSITY

Product	: EUT-Sample	Test Mode	: See section 3.4
Test Item	: Power Spectral Density	Temperature	: 25 °C
Test Voltage	: DC 3.91V	Humidity	: 56%RH
Test Result	: PASS		

Mode	Frequency (MHz)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	1.071	11	Pass
a	5240	0.488	11	Pass
a	5260	0.646	11	Pass
a	5320	0.700	11	Pass
a	5500	0.618	11	Pass
a	5700	-1.896	11	Pass
a	5745	-5.893	30	Pass
a	5825	-6.897	30	Pass
n20	5180	2.167	11	Pass
n20	5240	1.572	11	Pass
n20	5260	1.728	11	Pass
n20	5320	2.226	11	Pass
n20	5500	1.786	11	Pass
n20	5700	-0.781	11	Pass
n20	5745	-4.738	30	Pass
n20	5825	-6.410	30	Pass
n40	5190	-0.883	11	Pass
n40	5230	-1.419	11	Pass
n40	5270	-1.799	11	Pass
n40	5310	-1.585	11	Pass
n40	5510	-2.533	11	Pass
n40	5670	-3.635	11	Pass
n40	5755	-7.675	30	Pass
n40	5795	-7.945	30	Pass
ac20	5180	0.702	11	Pass
ac20	5240	0.851	11	Pass
ac20	5260	0.785	11	Pass
ac20	5320	1.375	11	Pass
ac20	5500	1.182	11	Pass
ac20	5700	-1.029	11	Pass
ac20	5745	-5.195	30	Pass
ac20	5825	-6.413	30	Pass
ac40	5190	-1.508	11	Pass
ac40	5230	-1.689	11	Pass
ac40	5270	-2.012	11	Pass
ac40	5310	-1.772	11	Pass
ac40	5510	-1.805	11	Pass
ac40	5670	-3.144	11	Pass
ac40	5755	-8.045	30	Pass
ac40	5795	-9.015	30	Pass
ac80	5210	-5.163	11	Pass
ac80	5290	-5.411	11	Pass
ac80	5530	-4.731	11	Pass
ac80	5610	-5.423	11	Pass
ac80	5775	-11.796	30	Pass

Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Test Graphs

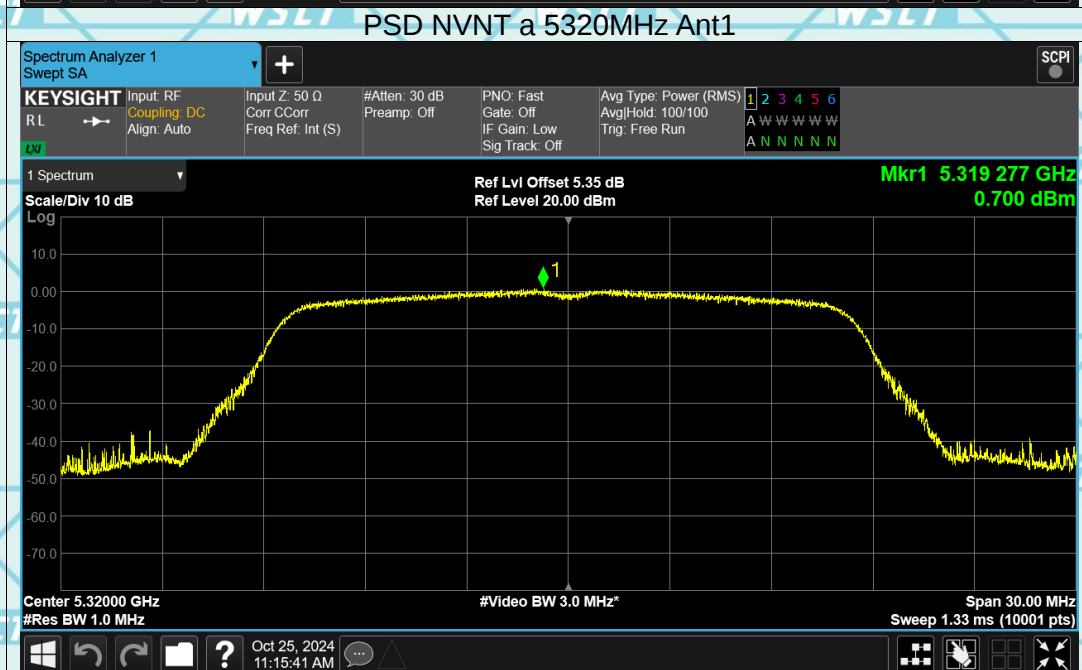
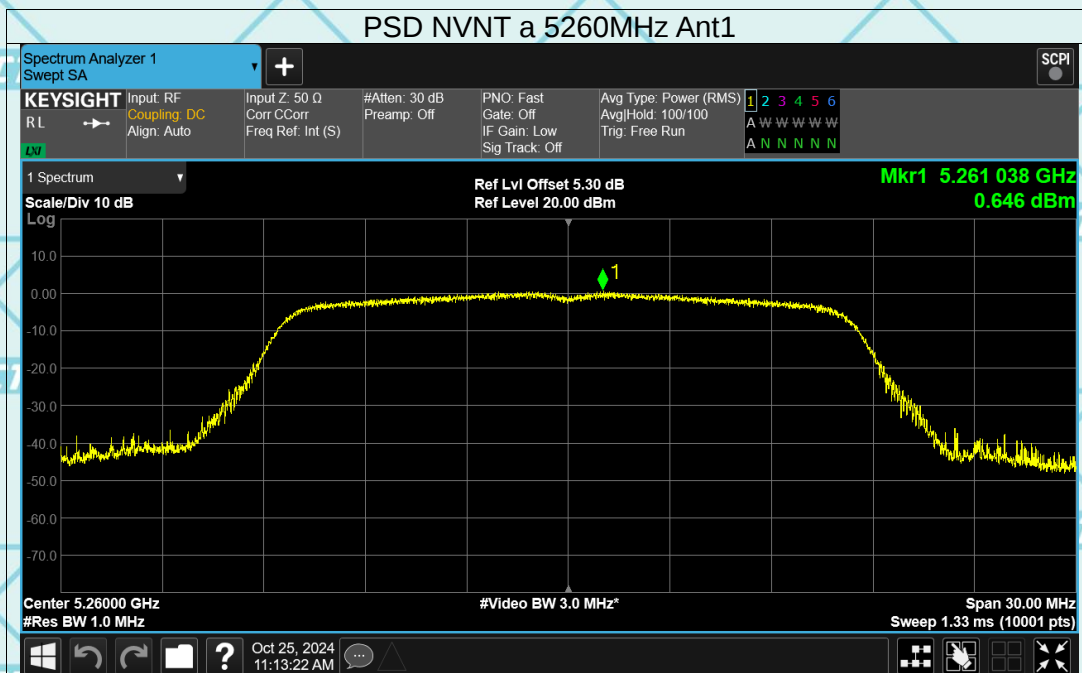
PSD NVNT a 5180MHz Ant1



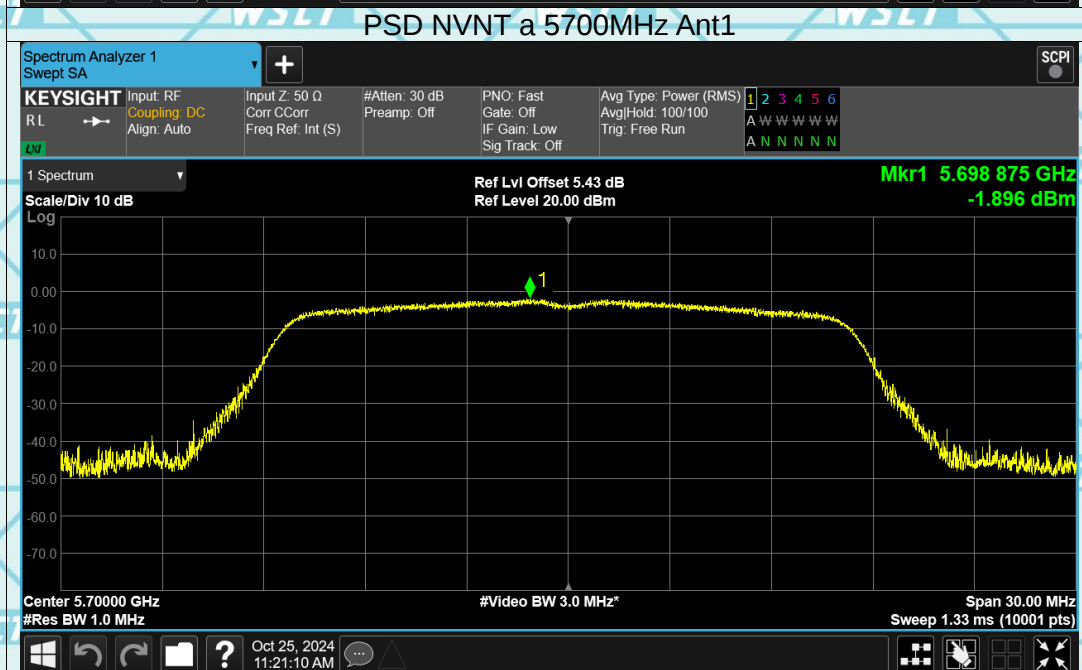
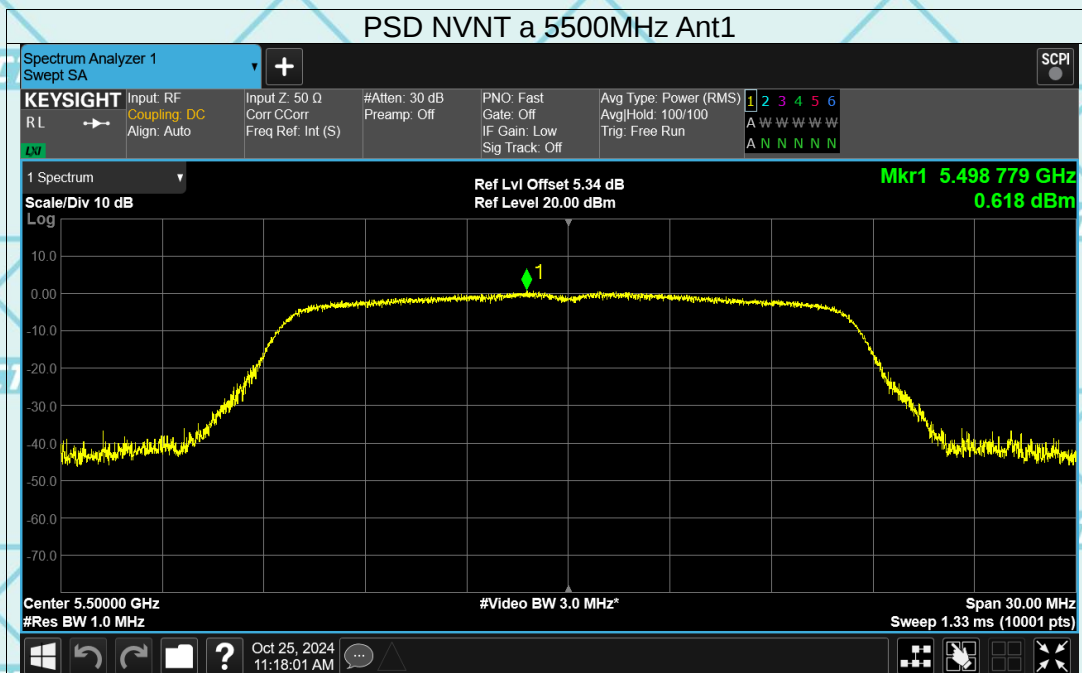
PSD NVNT a 5240MHz Ant1



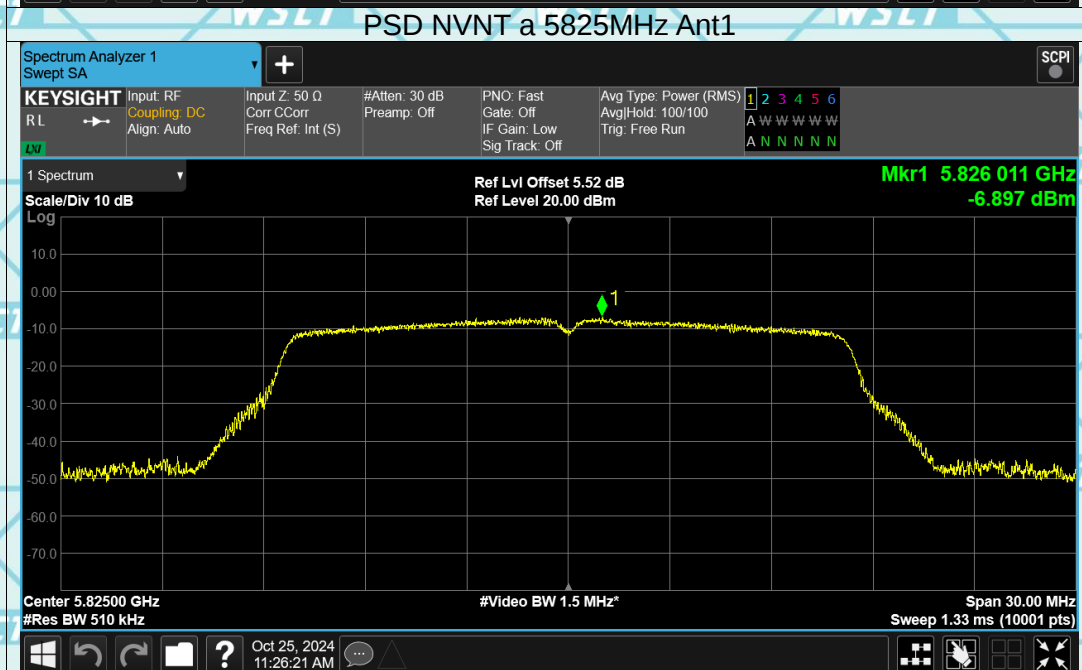
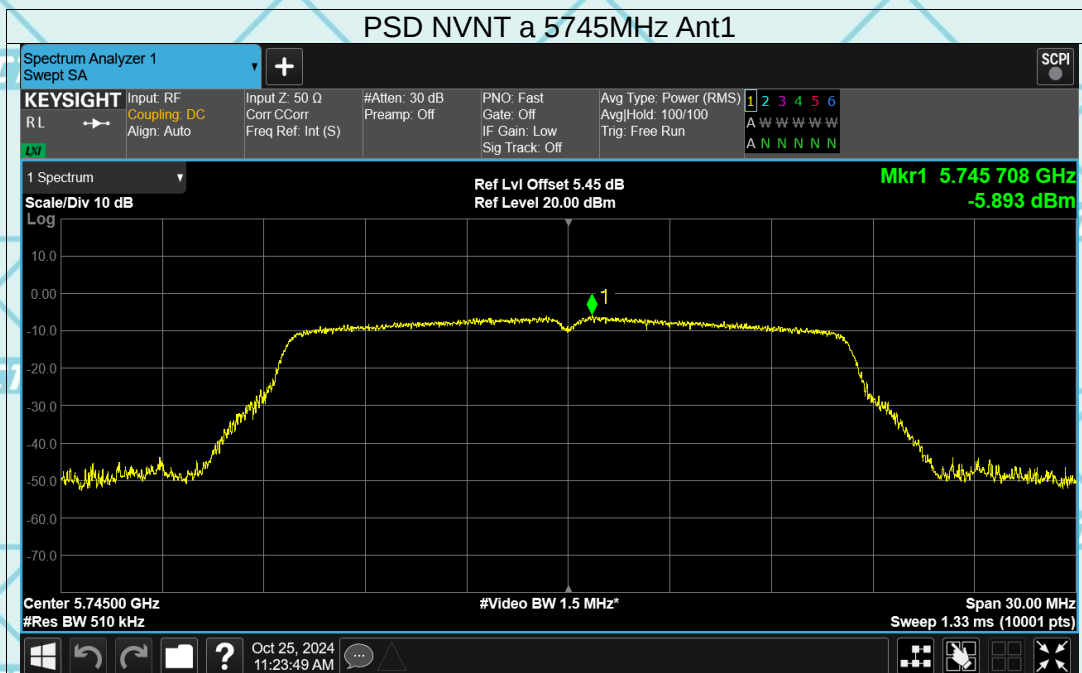
Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2



Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

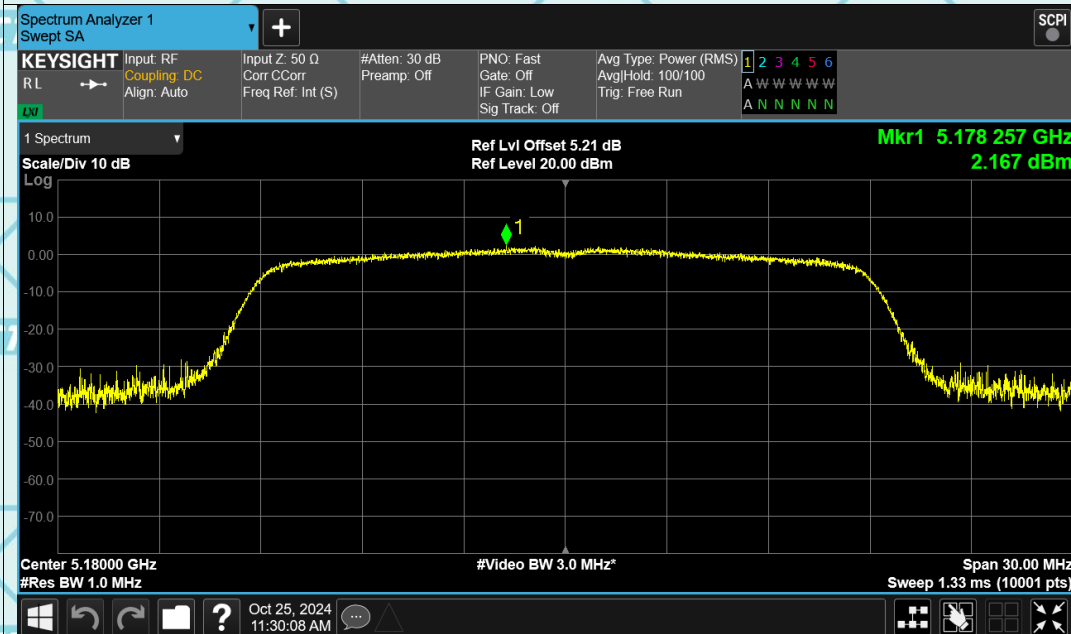


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

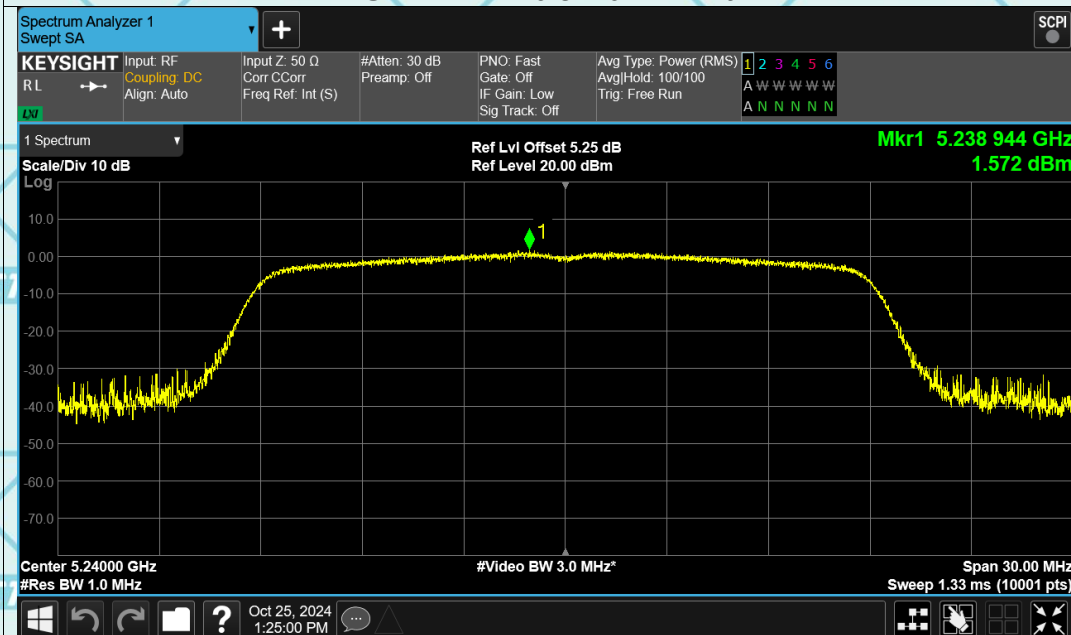


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n20 5180MHz Ant1

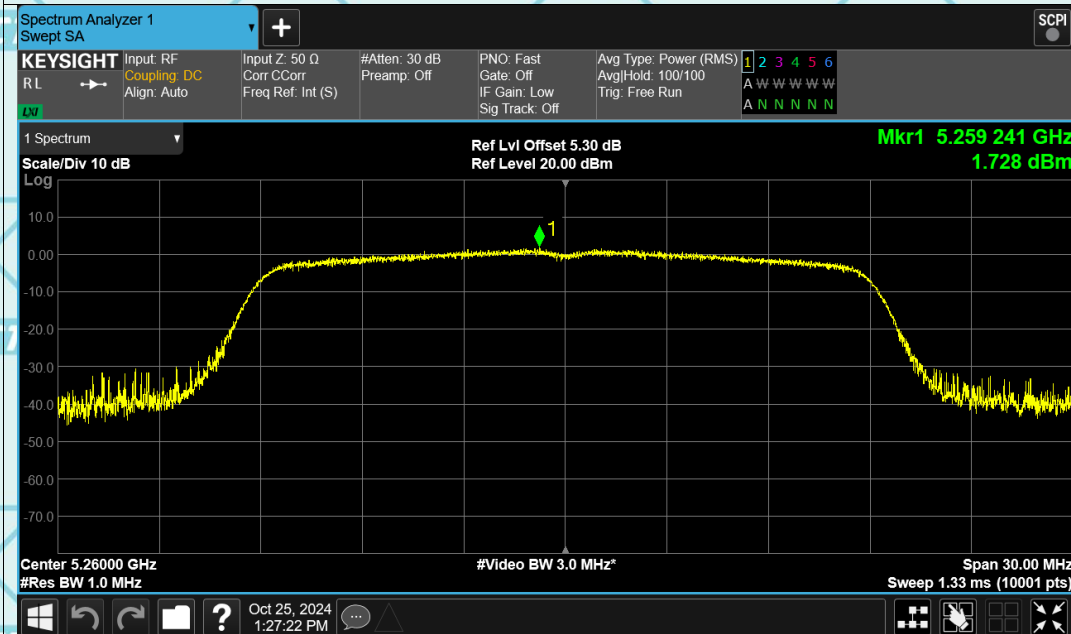


PSD NVNT n20 5240MHz Ant1

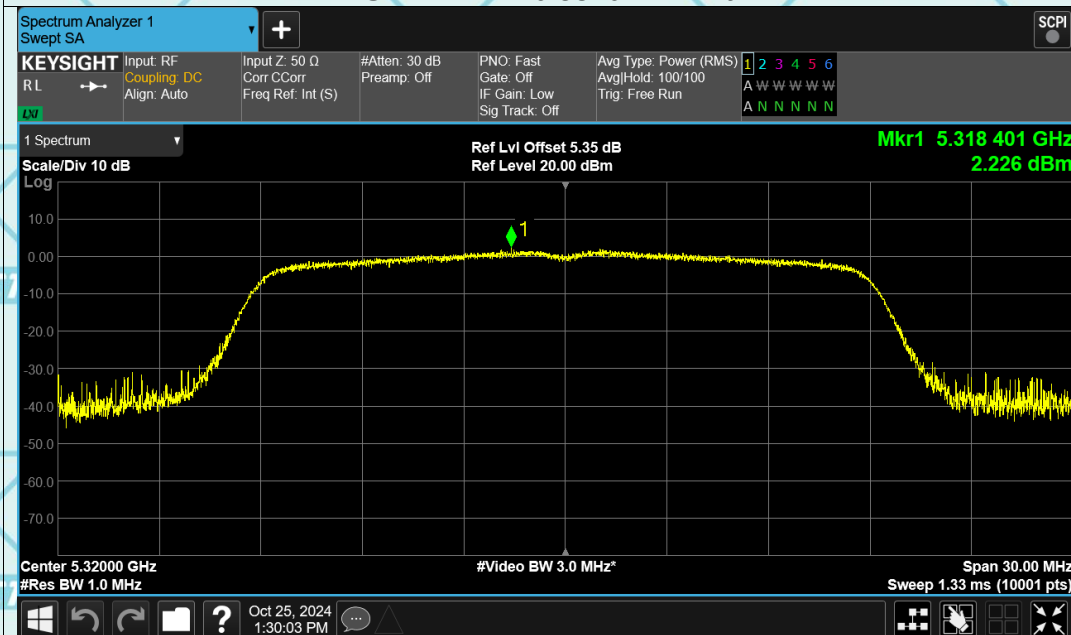


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n20 5260MHz Ant1

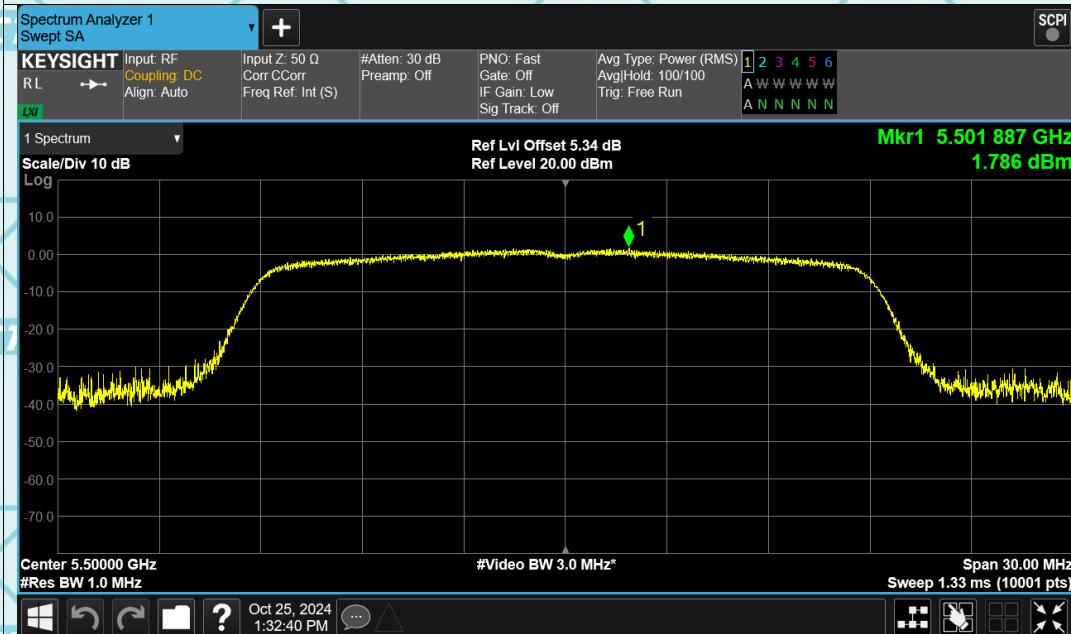


PSD NVNT n20 5320MHz Ant1

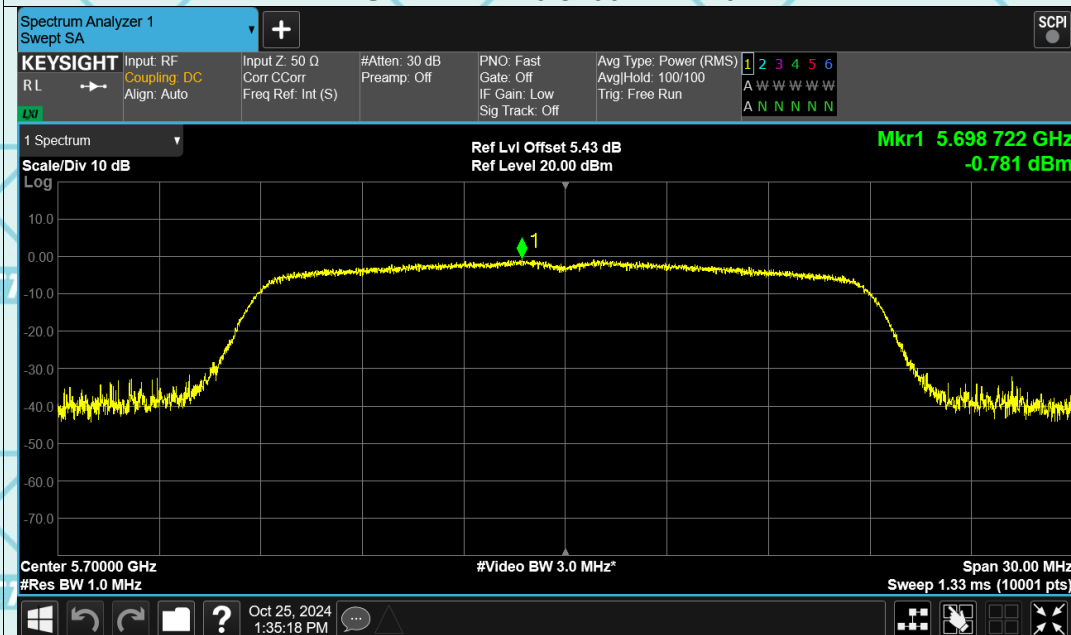


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n20 5500MHz Ant1

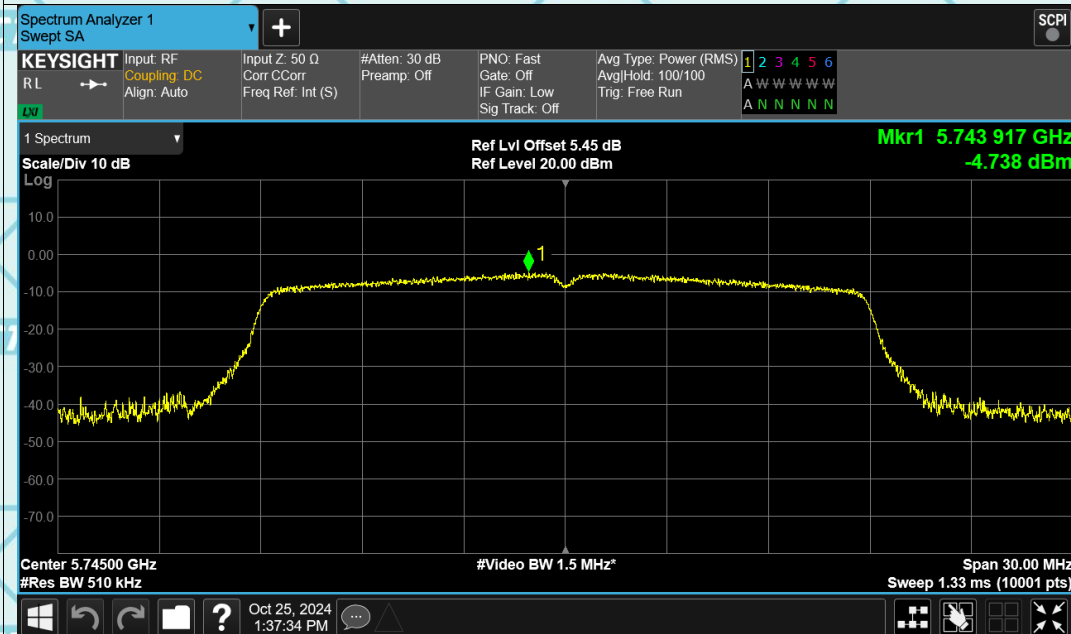


PSD NVNT n20 5700MHz Ant1

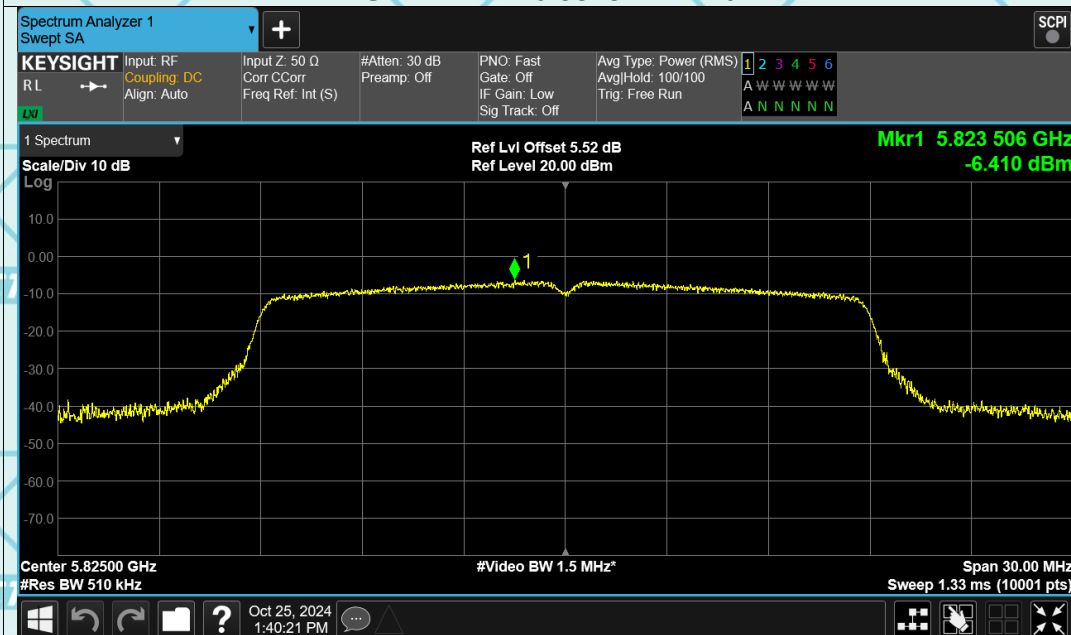


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n20 5745MHz Ant1

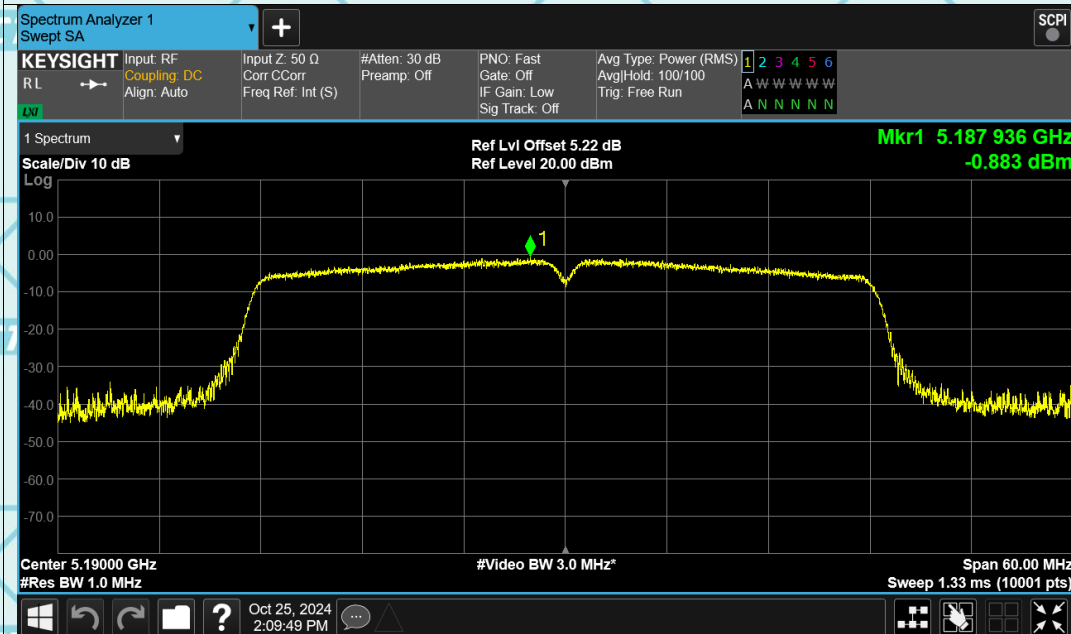


PSD NVNT n20 5825MHz Ant1

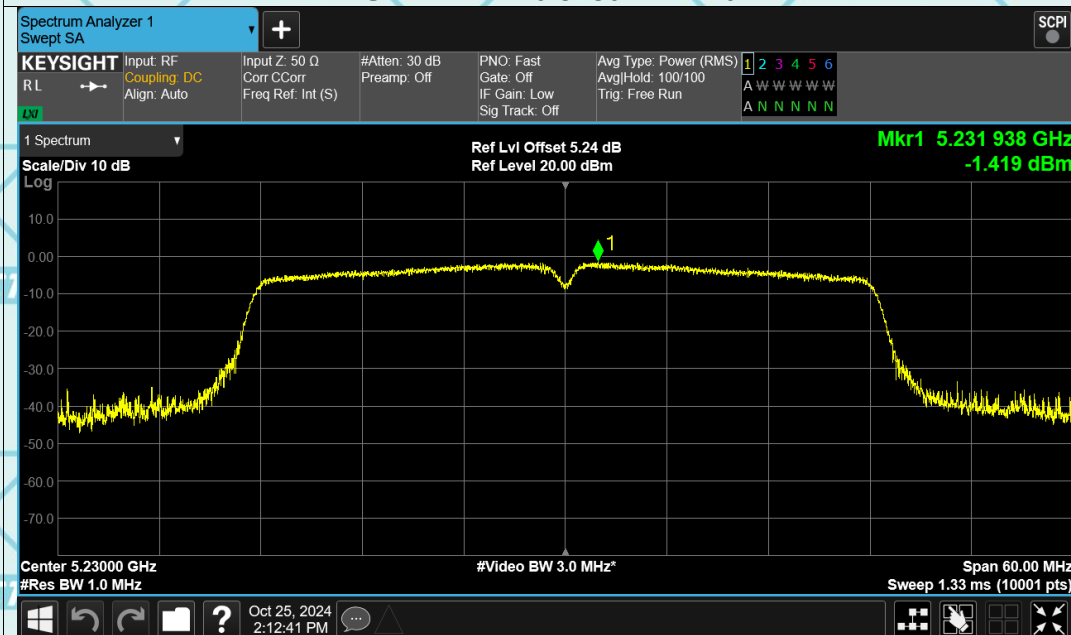


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n40 5190MHz Ant1

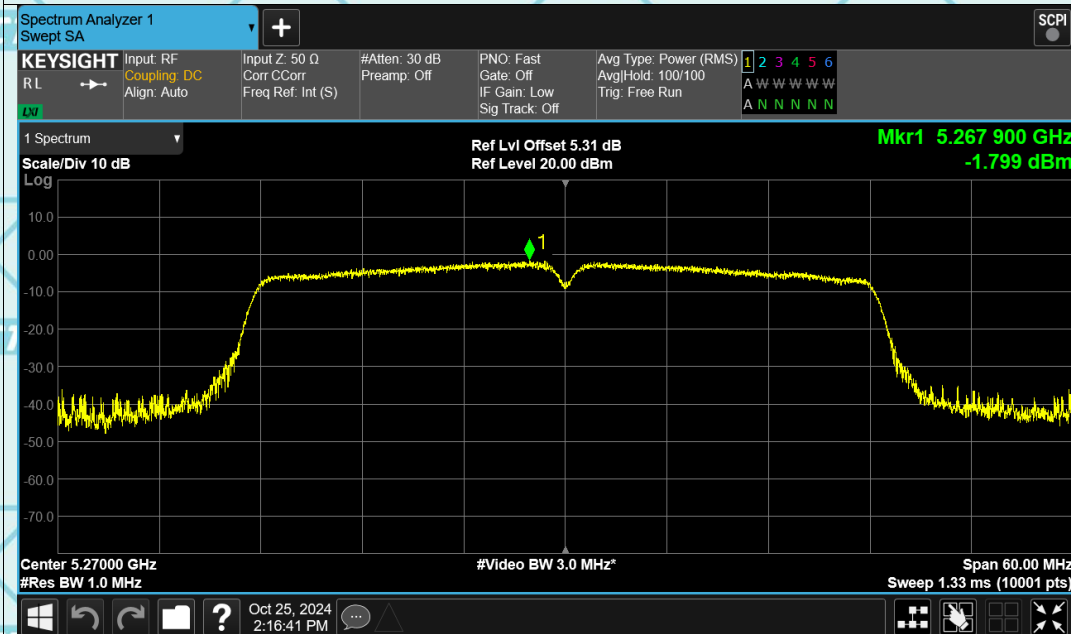


PSD NVNT n40 5230MHz Ant1

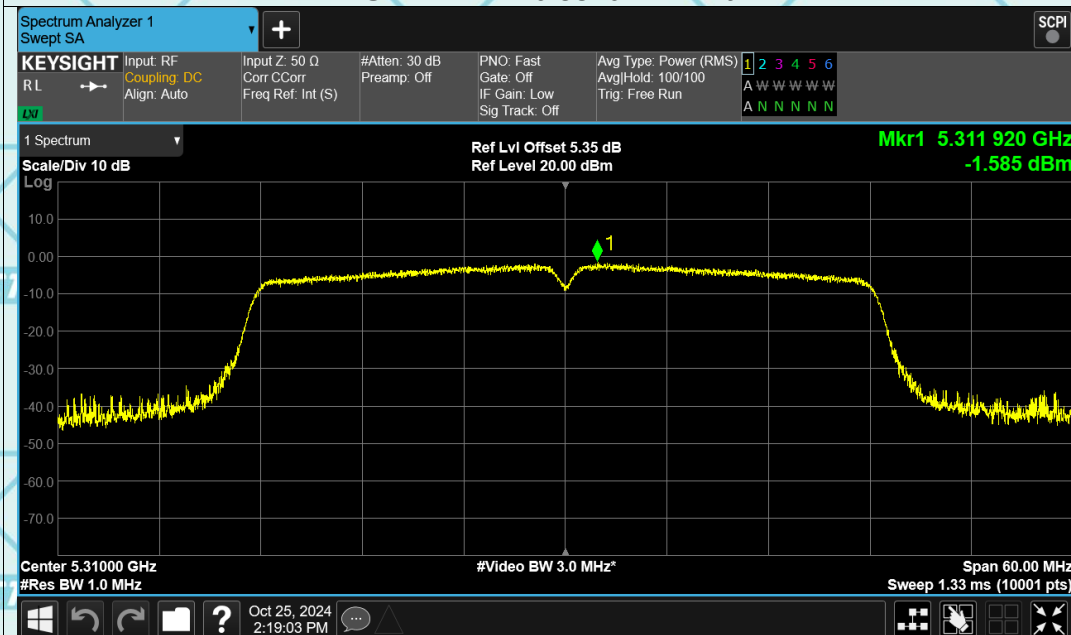


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n40 5270MHz Ant1

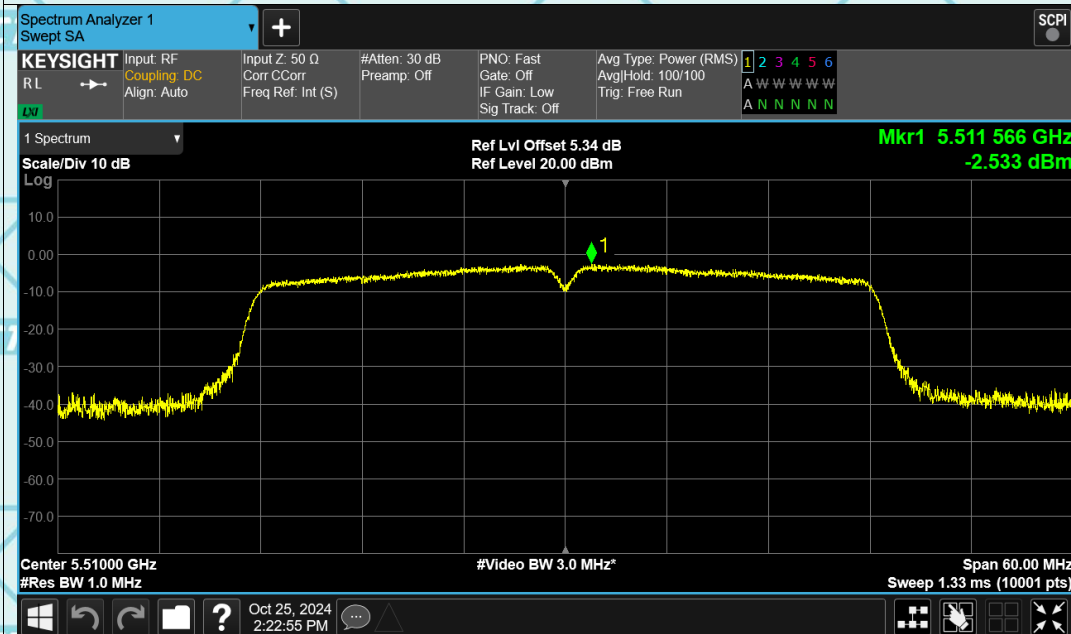


PSD NVNT n40 5310MHz Ant1

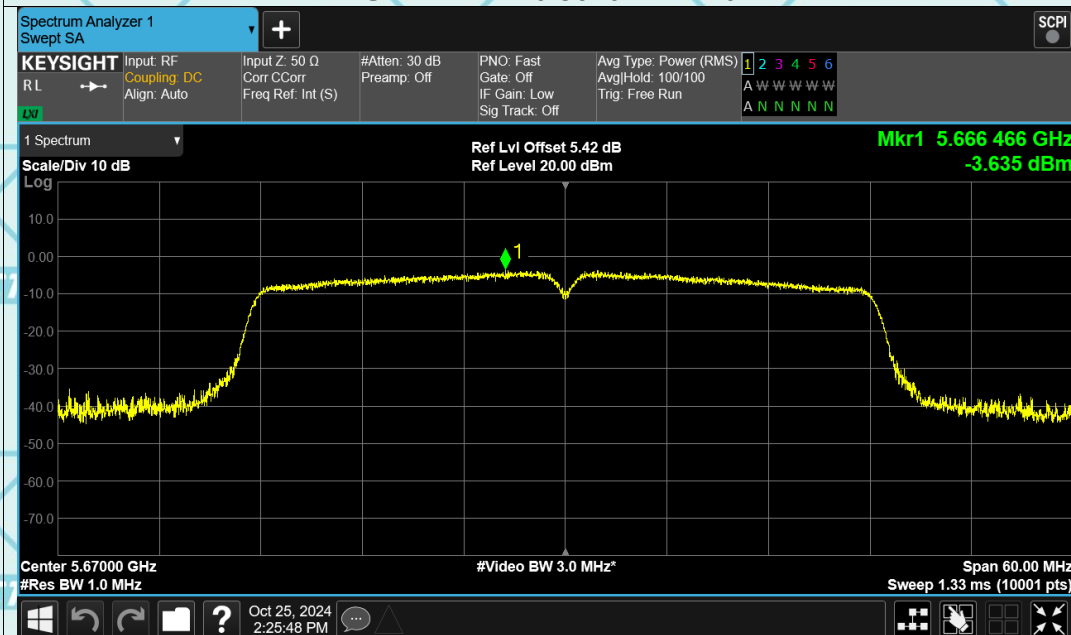


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n40 5510MHz Ant1

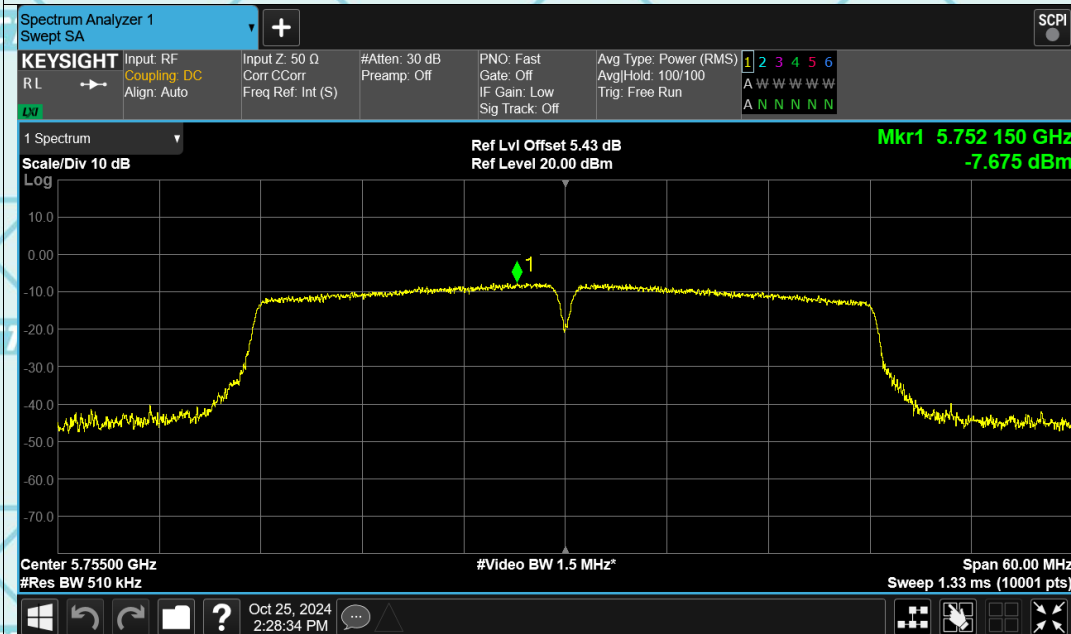


PSD NVNT n40 5670MHz Ant1

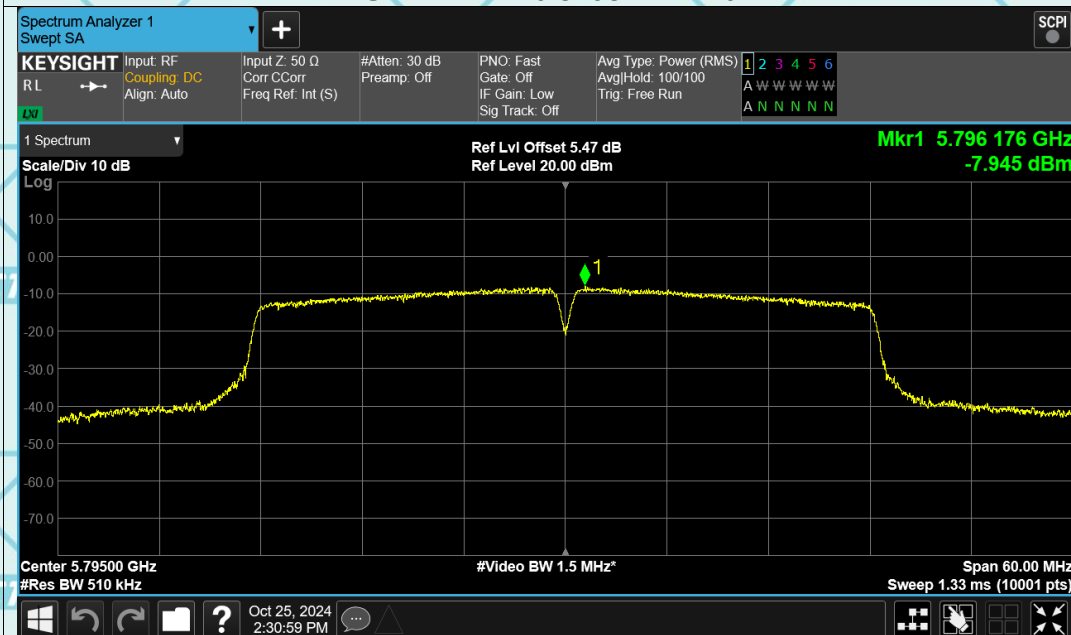


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT n40 5755MHz Ant1

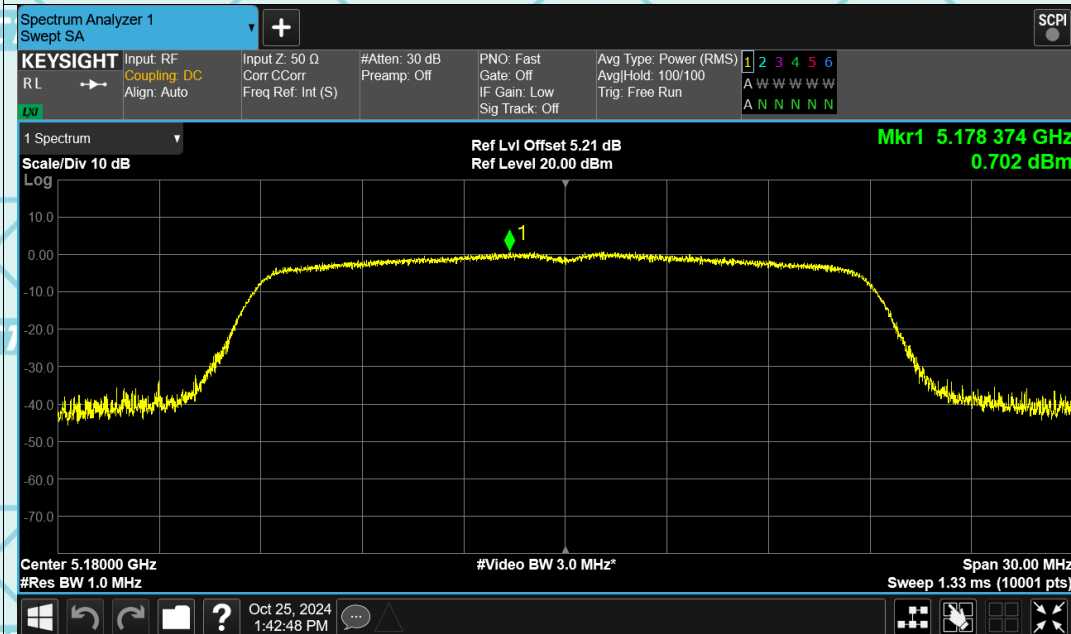


PSD NVNT n40 5795MHz Ant1

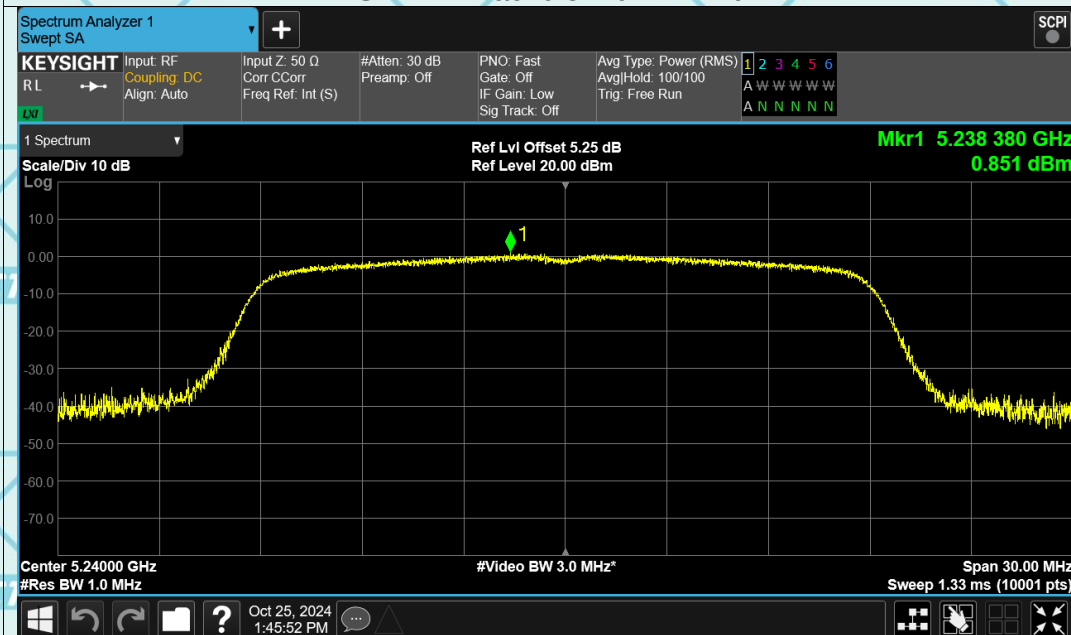


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac20 5180MHz Ant1

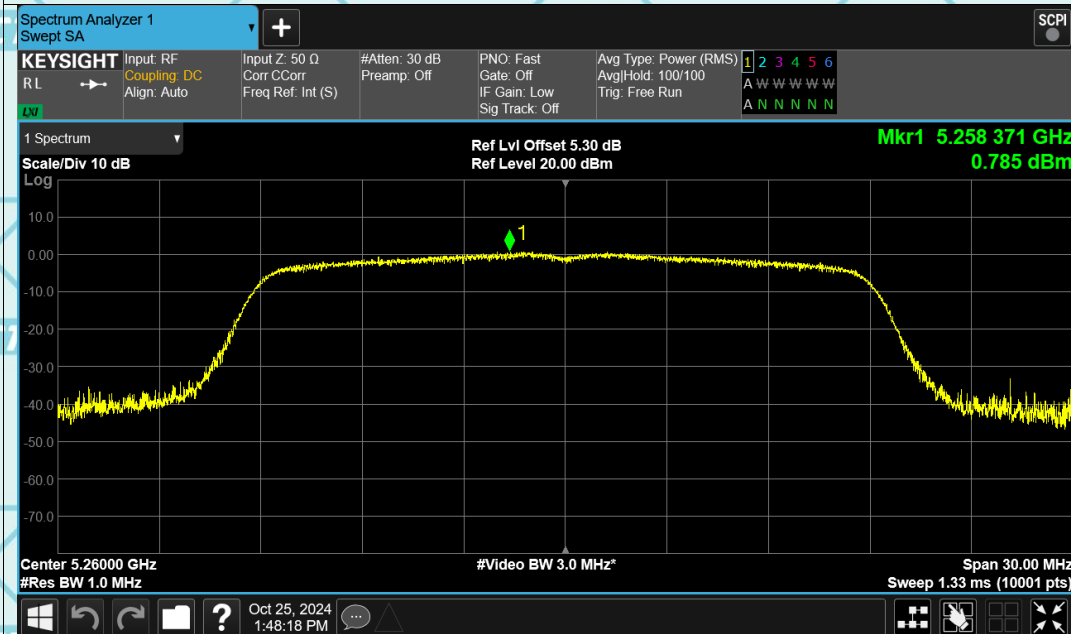


PSD NVNT ac20 5240MHz Ant1

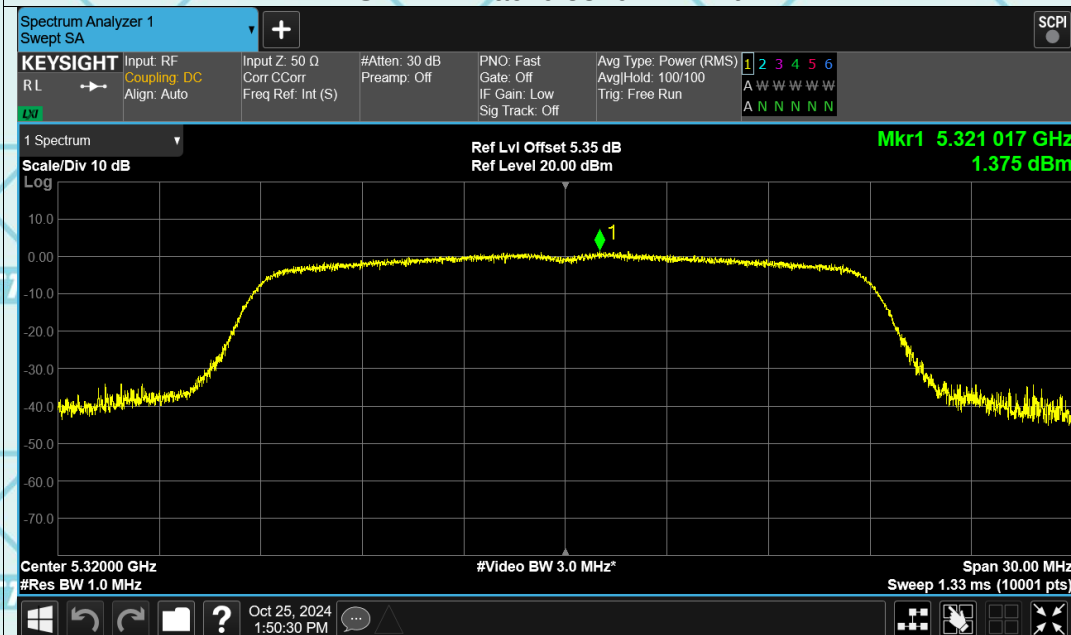


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac20 5260MHz Ant1

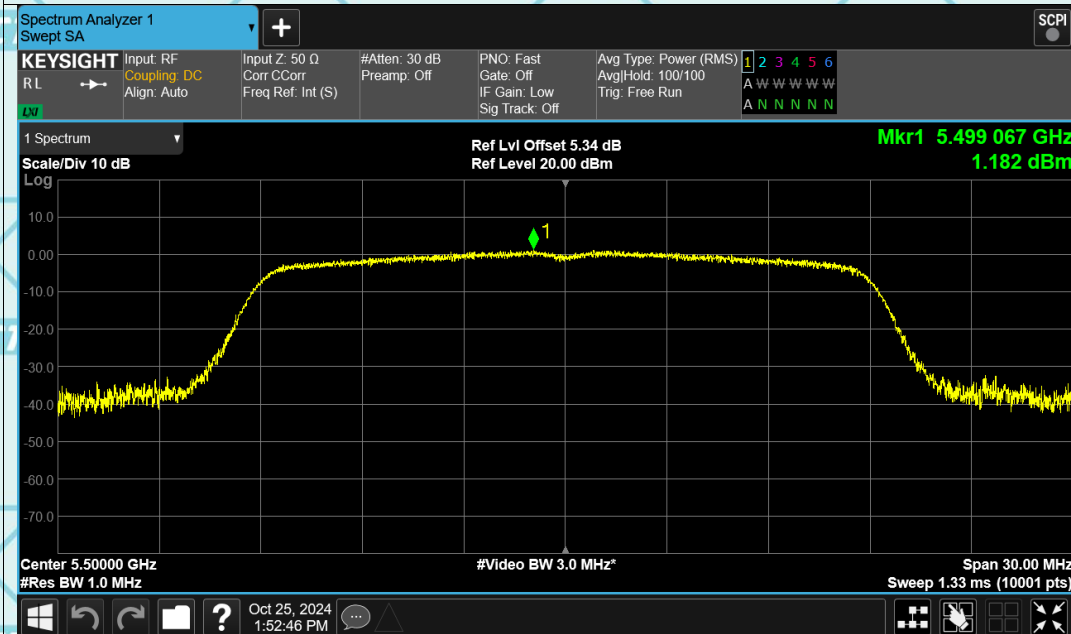


PSD NVNT ac20 5320MHz Ant1

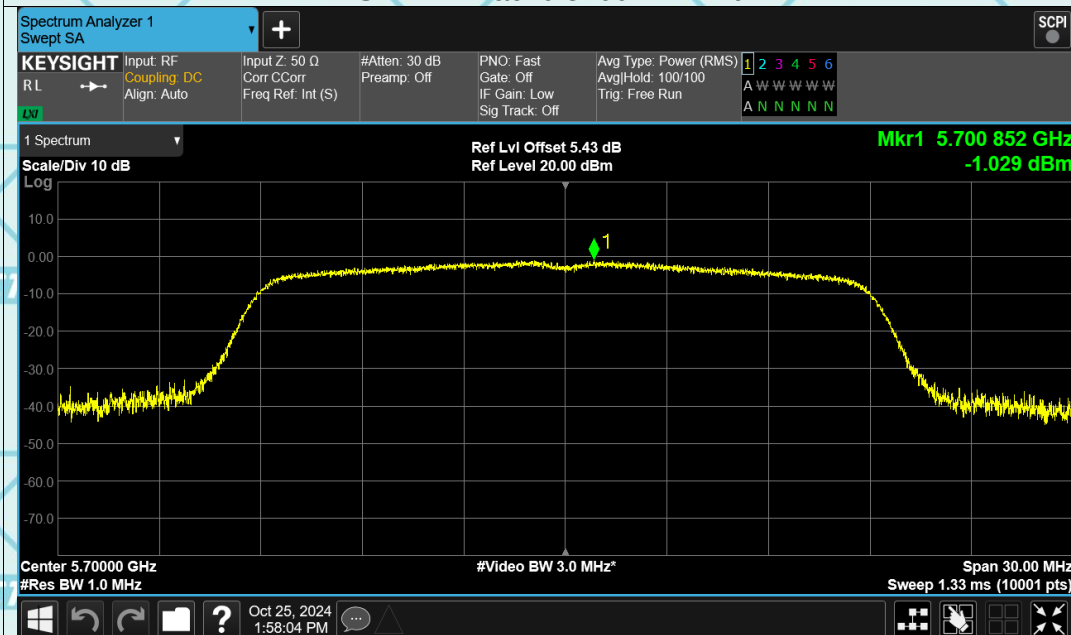


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac20 5500MHz Ant1

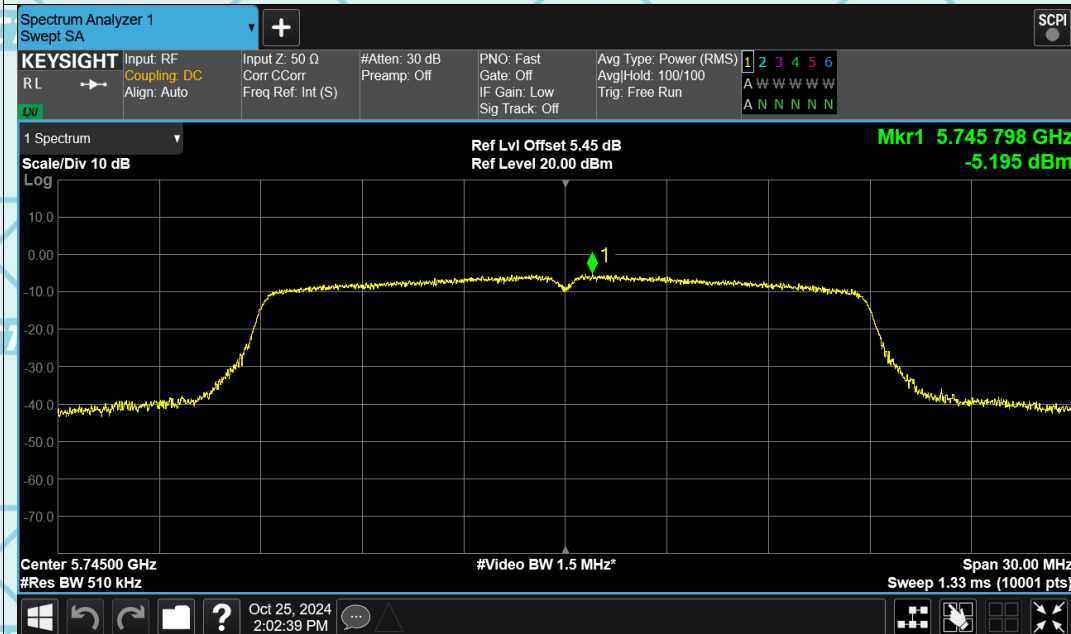


PSD NVNT ac20 5700MHz Ant1

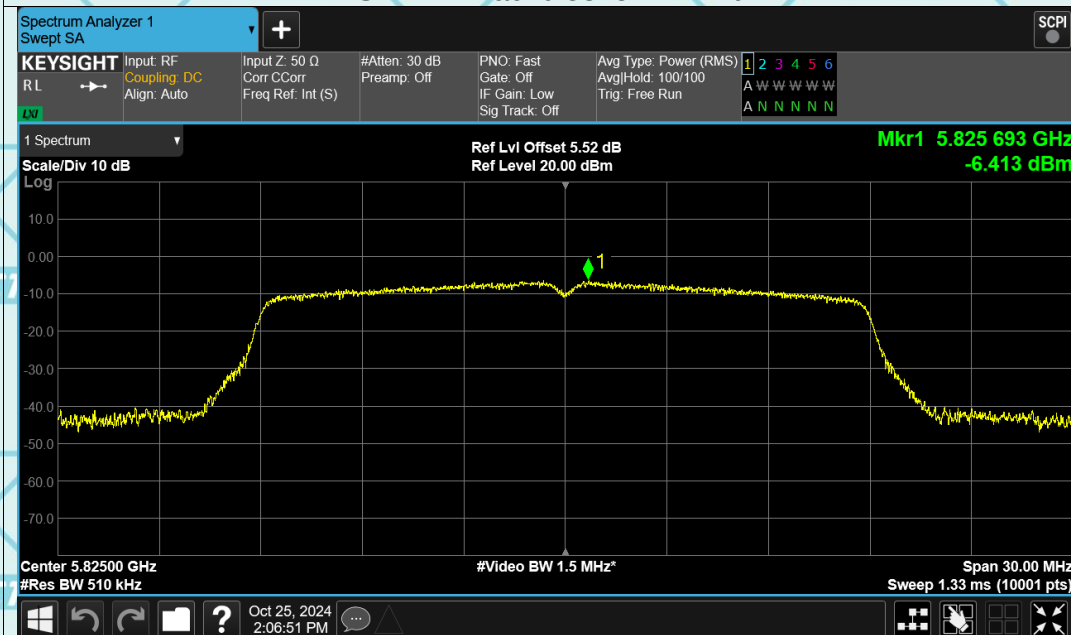


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac20 5745MHz Ant1

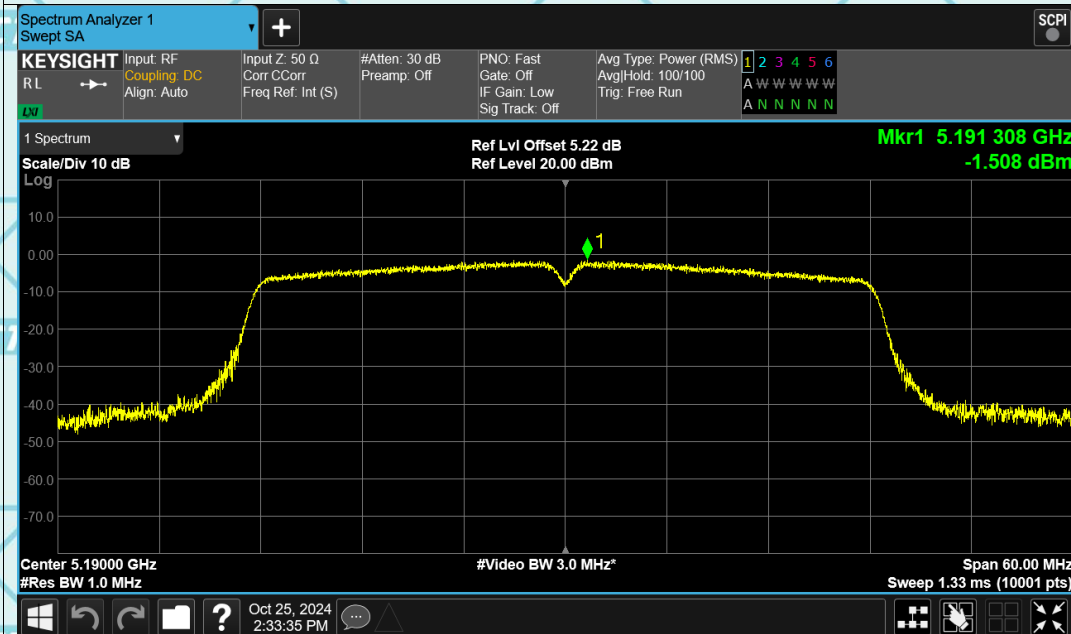


PSD NVNT ac20 5825MHz Ant1

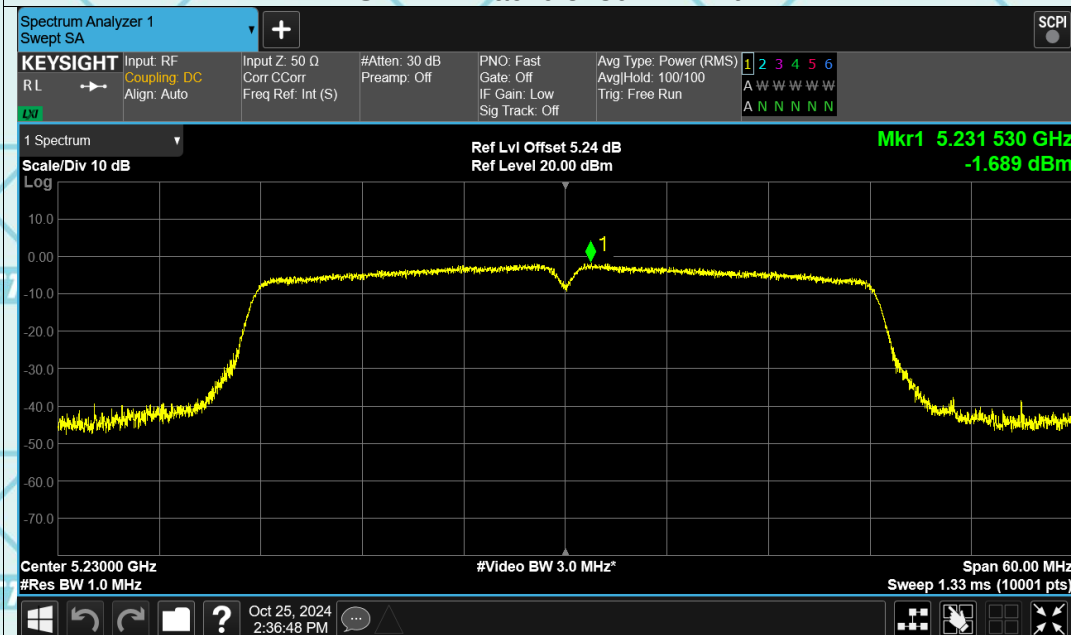


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac40 5190MHz Ant1

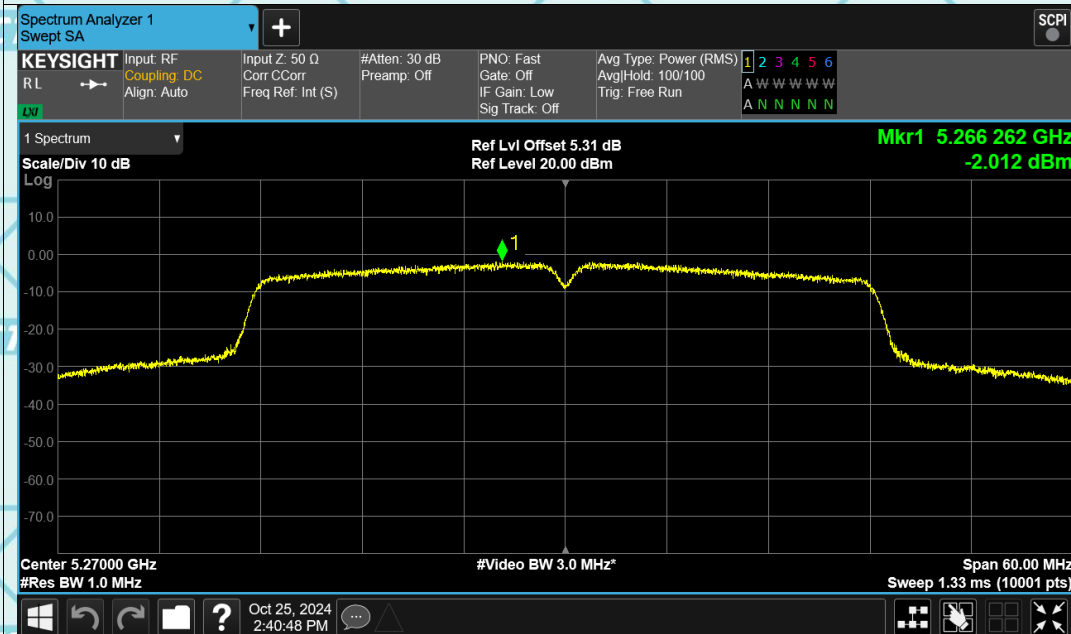


PSD NVNT ac40 5230MHz Ant1

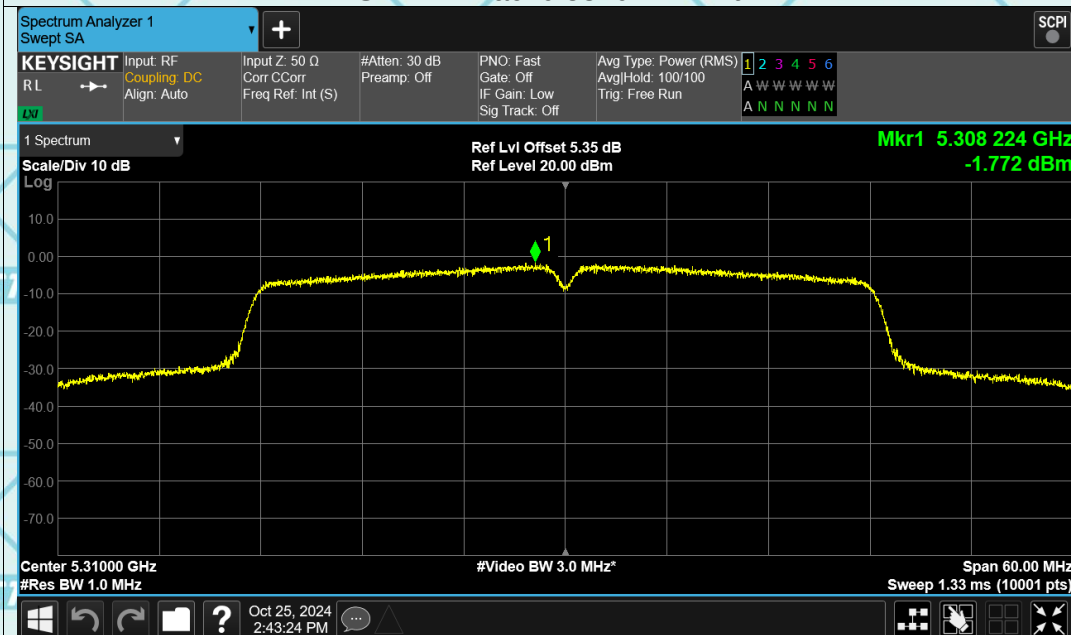


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac40 5270MHz Ant1

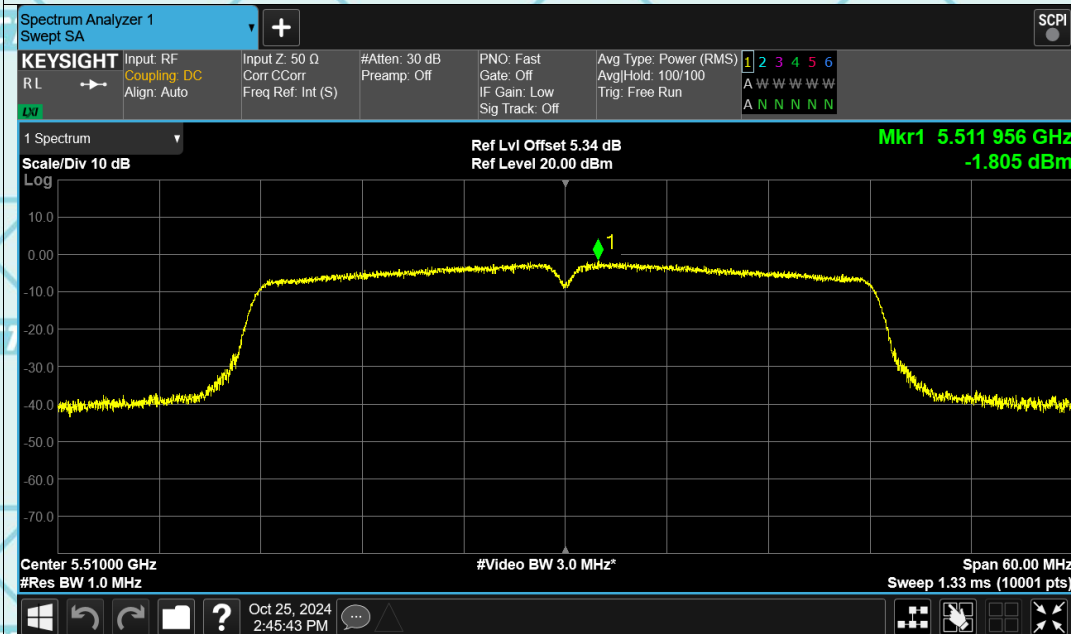


PSD NVNT ac40 5310MHz Ant1

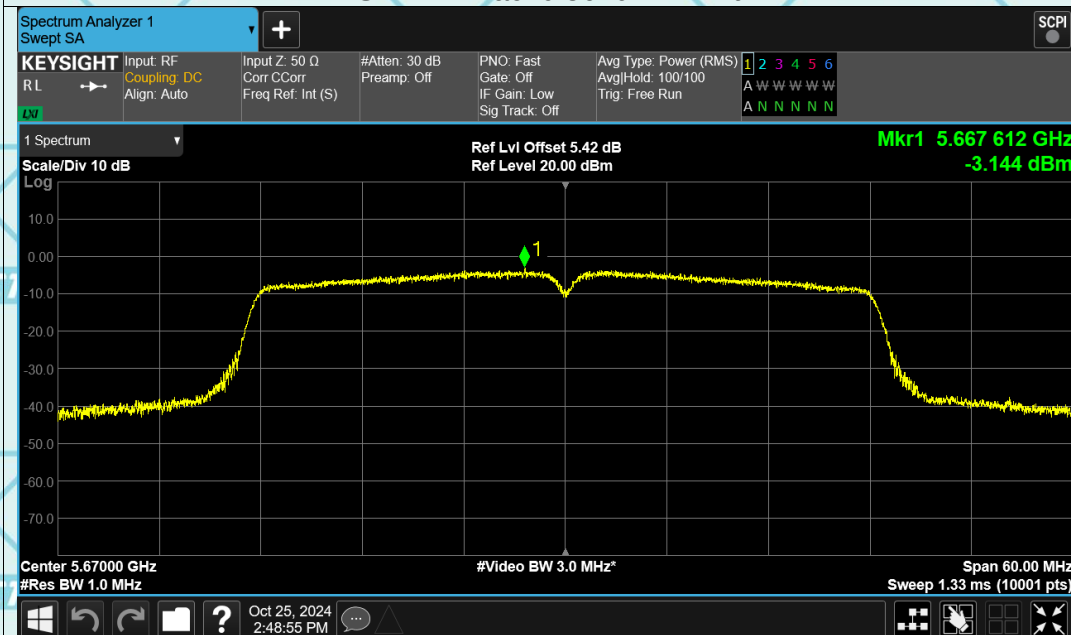


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac40 5510MHz Ant1

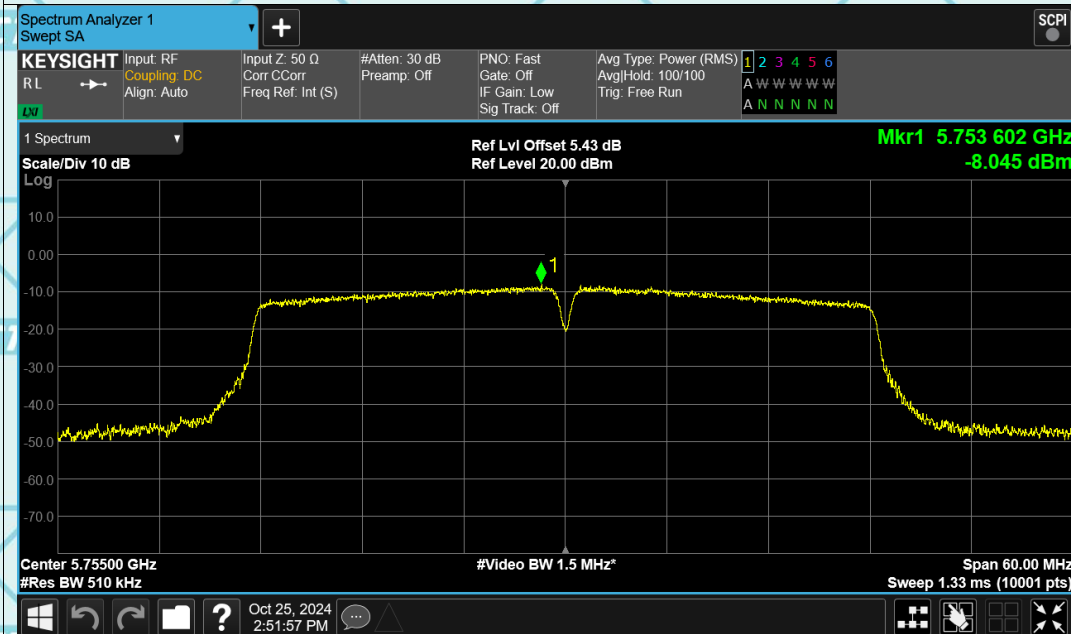


PSD NVNT ac40 5670MHz Ant1

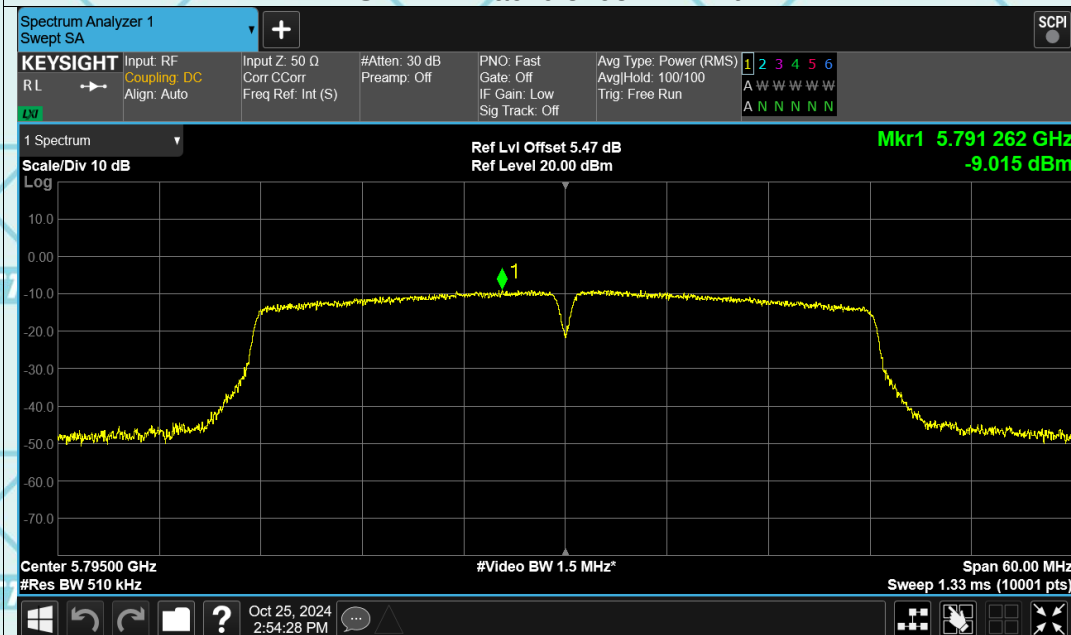


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac40 5755MHz Ant1

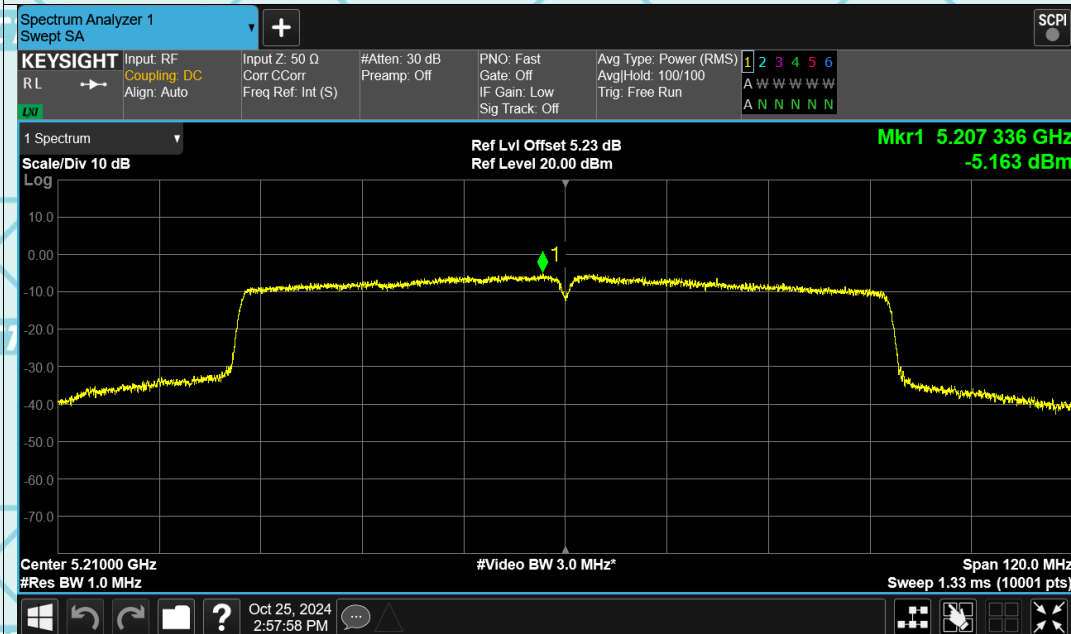


PSD NVNT ac40 5795MHz Ant1

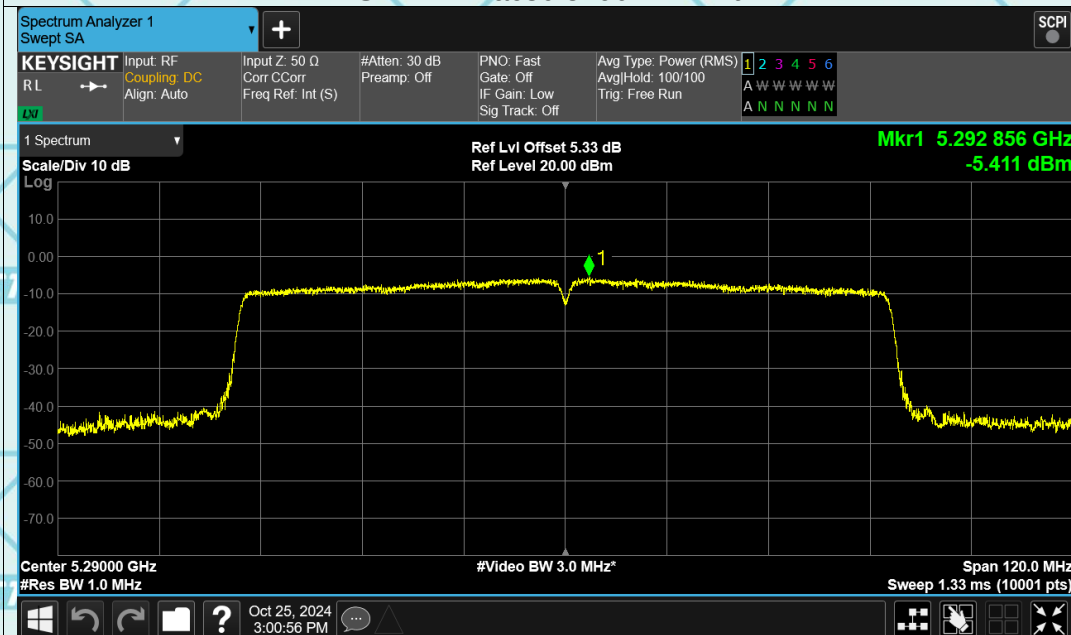


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

PSD NVNT ac80 5210MHz Ant1

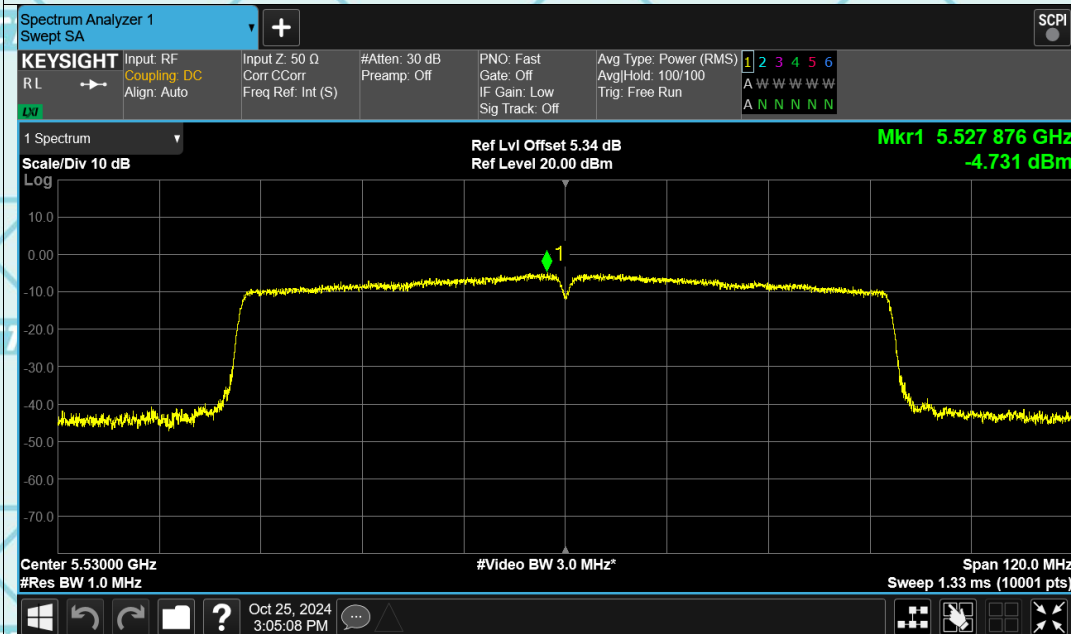


PSD NVNT ac80 5290MHz Ant1

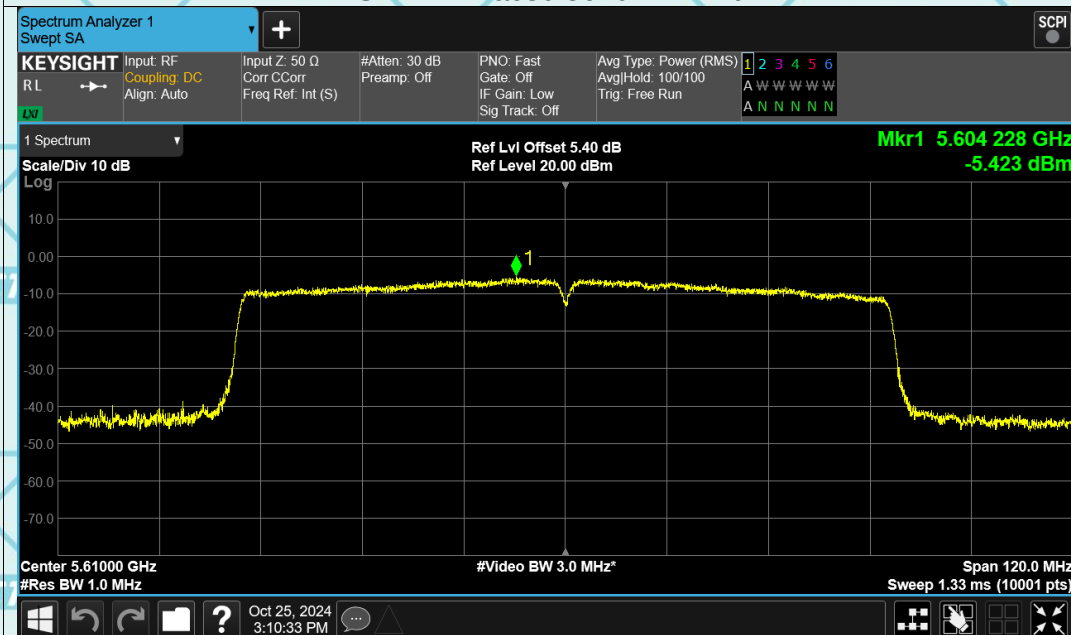


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

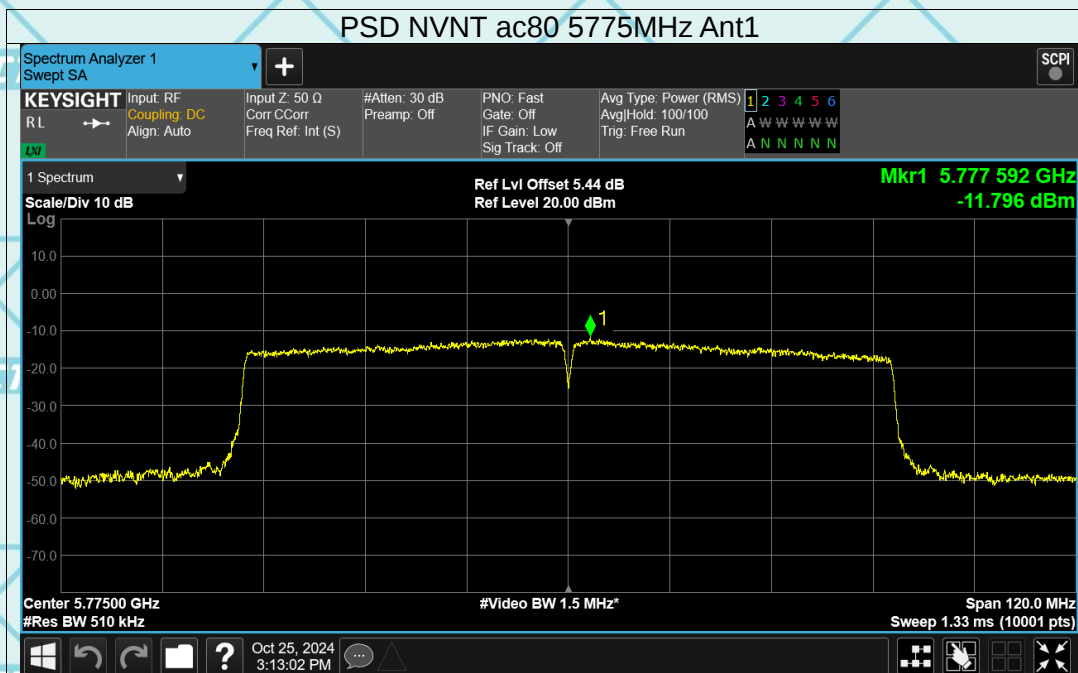
PSD NVNT ac80 5530MHz Ant1



PSD NVNT ac80 5610MHz Ant1



Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2



Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

7.8 FREQUENCY STABILITY

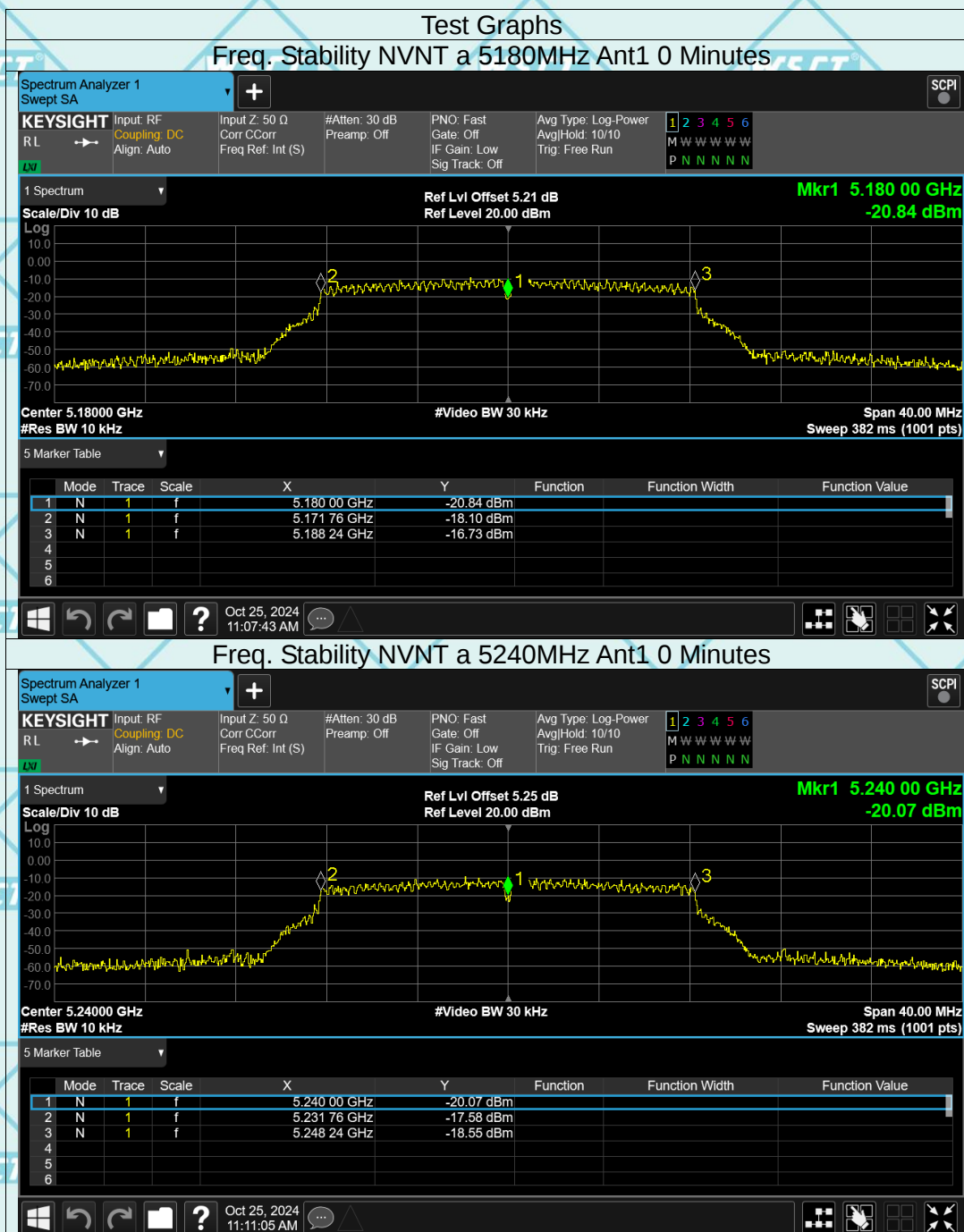
Product:	EUT-Sample	Test Item:	Frequency Stability
Temperature:	25 °C	Humidity:	56%RH
Test Voltage:	DC 3.91V	Test Result:	PASS

Mode	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
a	5180	5180	0	0	25	Pass
a	5240	5240	0	0	25	Pass
a	5260	5259.96	-40000	-7.6	25	Pass
a	5320	5320	0	0	25	Pass
a	5500	5499.98	-20000	-3.64	25	Pass
a	5700	5699.98	-20000	-3.51	25	Pass
a	5745	5745	0	0	25	Pass
a	5825	5825.02	20000	3.43	25	Pass
n20	5180	5179.98	-20000	-3.86	25	Pass
n20	5240	5240	0	0	25	Pass
n20	5260	5259.98	-20000	-3.8	25	Pass
n20	5320	5320	0	0	25	Pass
n20	5500	5500.02	20000	3.64	25	Pass
n20	5700	5699.98	-20000	-3.51	25	Pass
n20	5745	5745	0	0	25	Pass
n20	5825	5824.96	-40000	-6.87	25	Pass
n40	5190	5190	0	0	25	Pass
n40	5230	5230	0	0	25	Pass
n40	5270	5270	0	0	25	Pass
n40	5310	5309.96	-40000	-7.53	25	Pass
n40	5510	5509.96	-40000	-7.26	25	Pass
n40	5670	5669.96	-40000	-7.05	25	Pass
n40	5755	5754.96	-40000	-6.95	25	Pass
n40	5795	5794.96	-40000	-6.9	25	Pass
ac20	5180	5180	0	0	25	Pass
ac20	5240	5239.98	-20000	-3.82	25	Pass
ac20	5260	5259.98	-20000	-3.8	25	Pass
ac20	5320	5320	0	0	25	Pass
ac20	5500	5499.98	-20000	-3.64	25	Pass
ac20	5700	5699.98	-20000	-3.51	25	Pass
ac20	5745	5745	0	0	25	Pass
ac20	5825	5824.96	-40000	-6.87	25	Pass
ac40	5190	5190	0	0	25	Pass
ac40	5230	5230	0	0	25	Pass
ac40	5270	5269.96	-40000	-7.59	25	Pass
ac40	5310	5309.96	-40000	-7.53	25	Pass
ac40	5510	5510	0	0	25	Pass
ac40	5670	5669.96	-40000	-7.05	25	Pass
ac40	5755	5754.96	-40000	-6.95	25	Pass
ac40	5795	5794.96	-40000	-6.9	25	Pass
ac80	5210	5210	0	0	25	Pass

Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

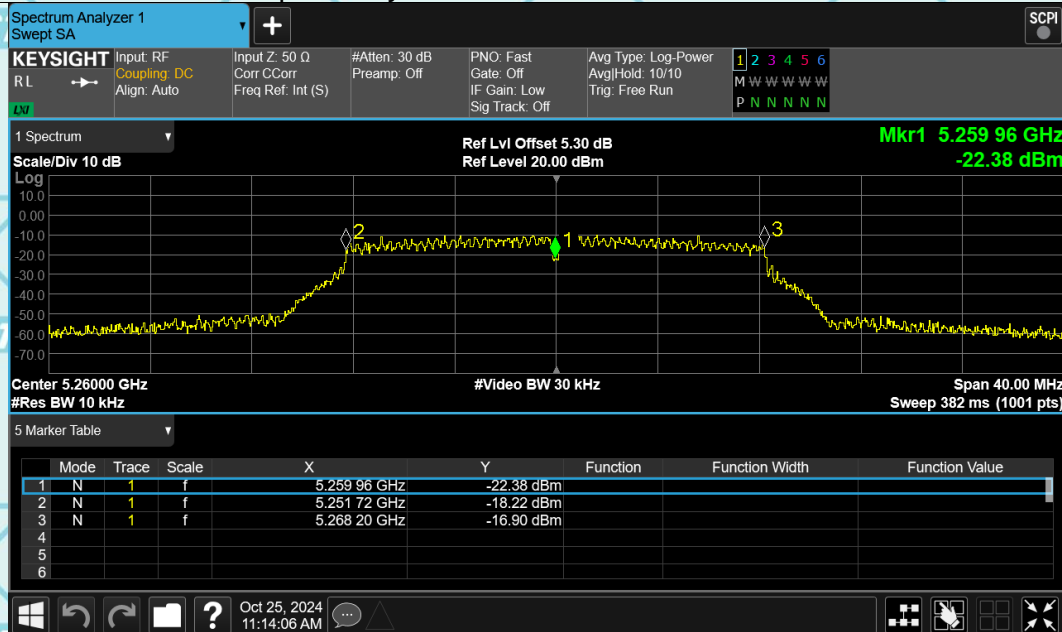
ac80	5290	5290	0	0	25	Pass
ac80	5530	5530	0	0	25	Pass
ac80	5610	5609.92	-80000	-14.26	25	Pass
ac80	5775	5774.92	-80000	-13.85	25	Pass

Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

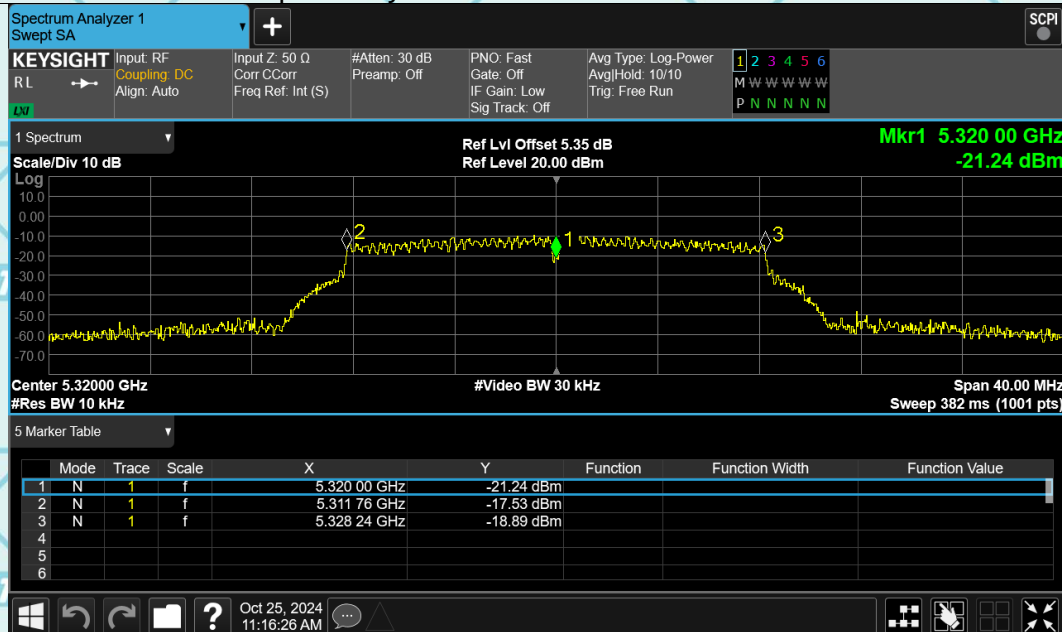


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

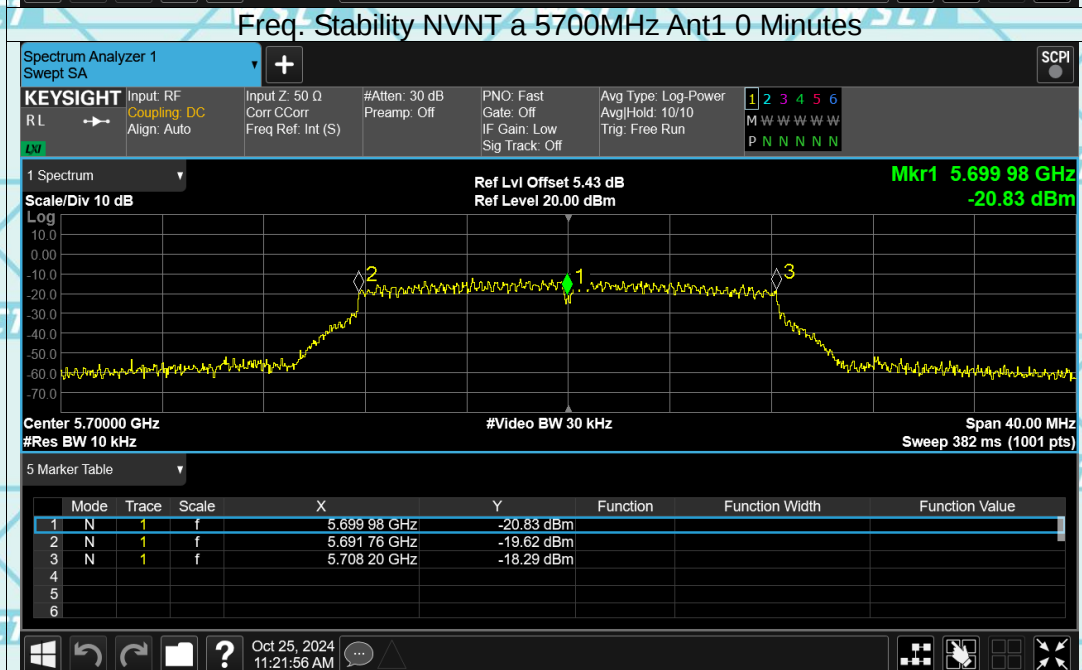
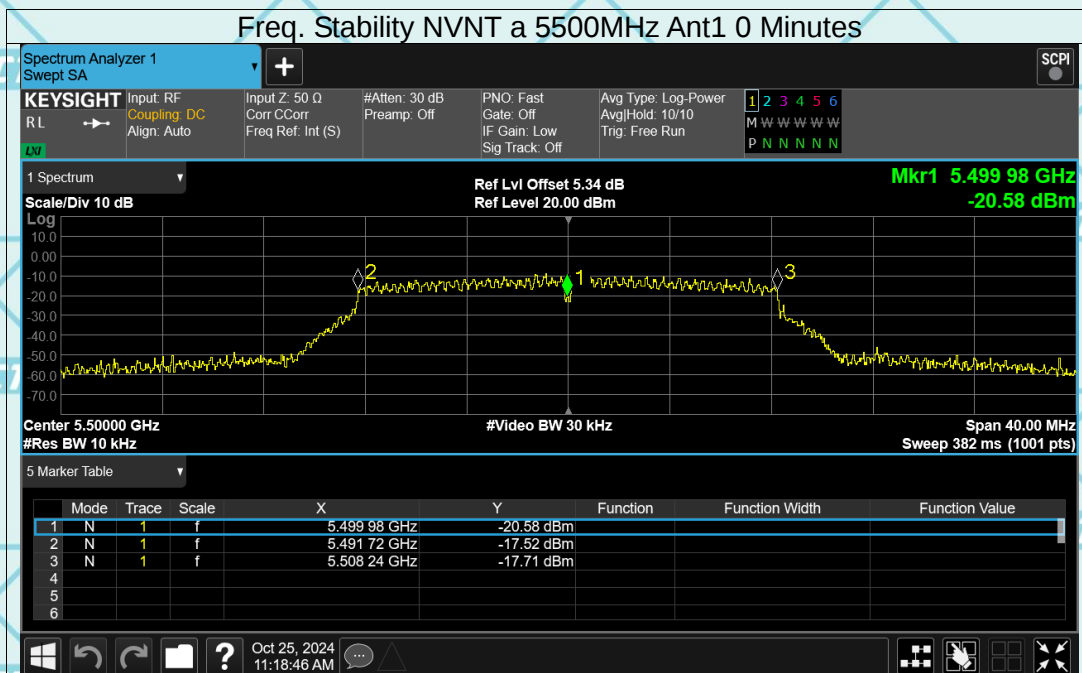
Freq. Stability NVNT a 5260MHz Ant1 0 Minutes



Freq. Stability NVNT a 5320MHz Ant1 0 Minutes

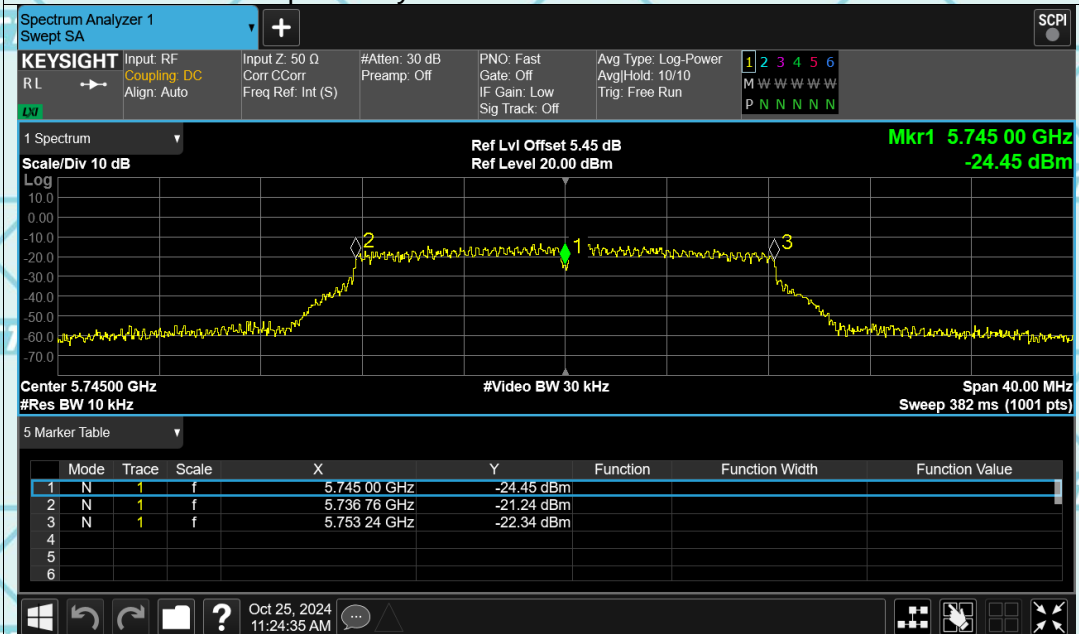


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

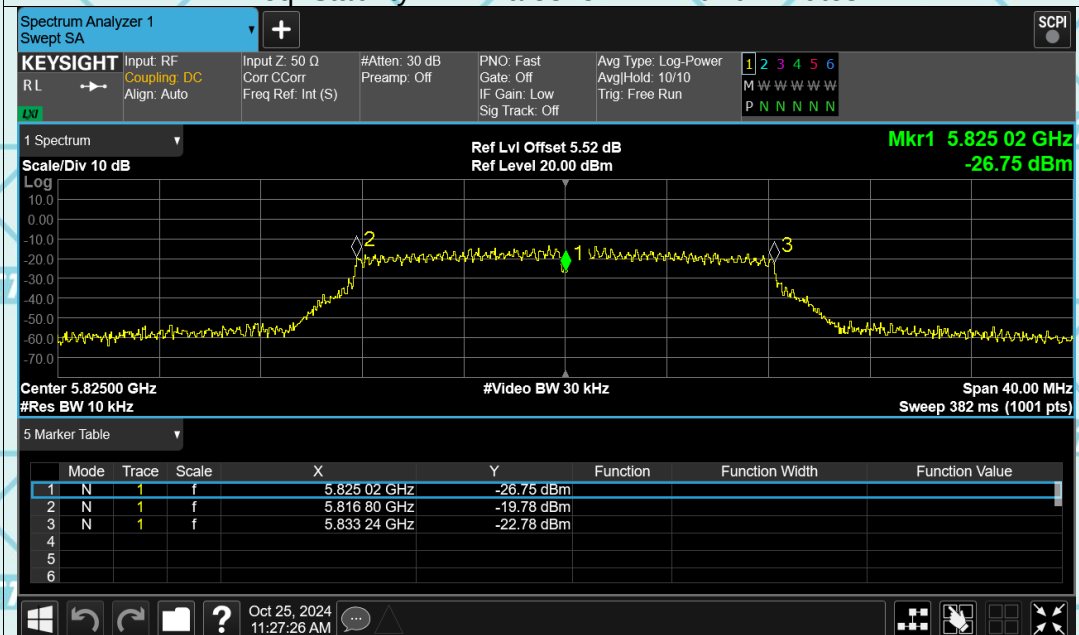


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT a 5745MHz Ant1 0 Minutes

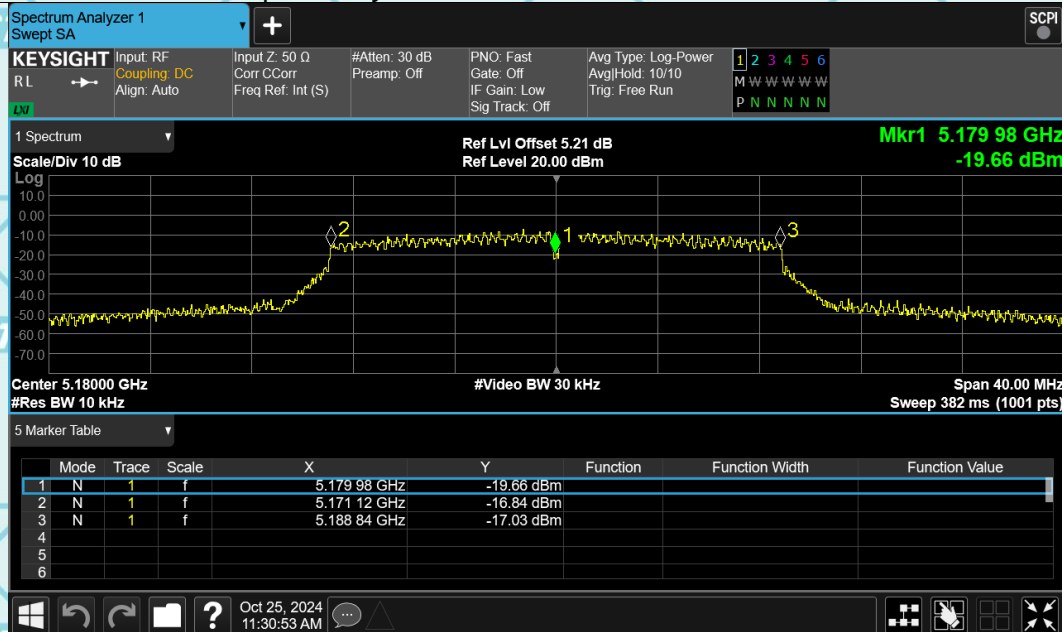


Freq. Stability NVNT a 5825MHz Ant1 0 Minutes

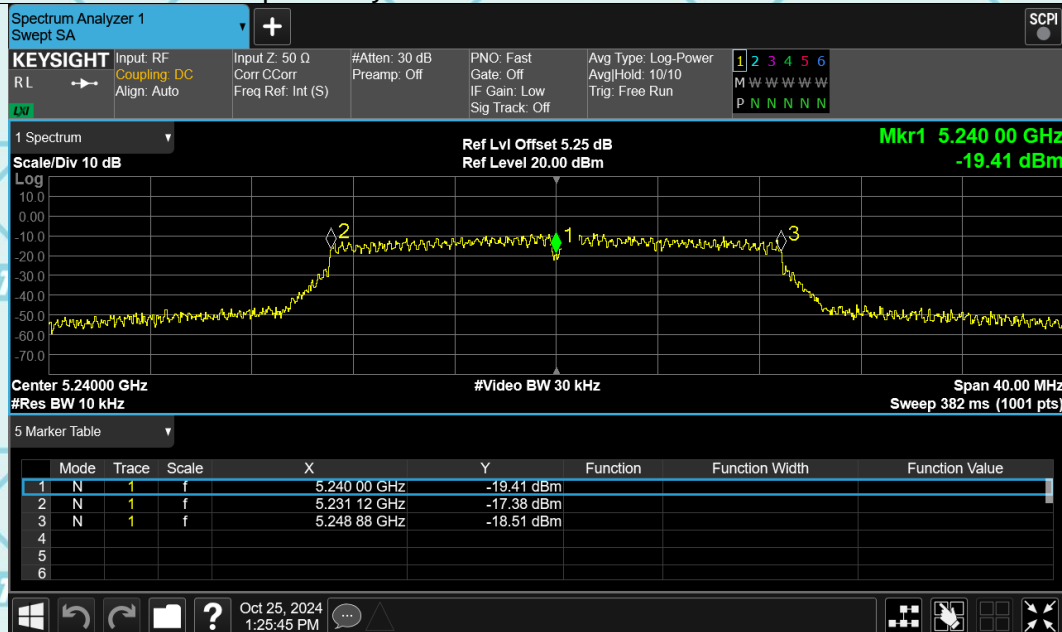


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n20 5180MHz Ant1 0 Minutes

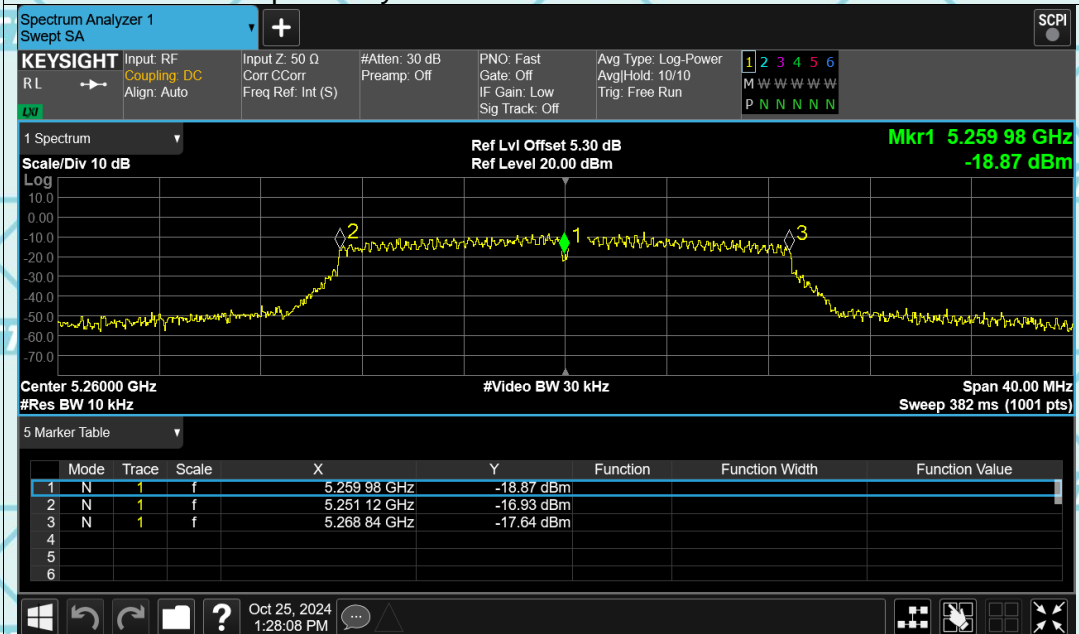


Freq. Stability NVNT n20 5240MHz Ant1 0 Minutes

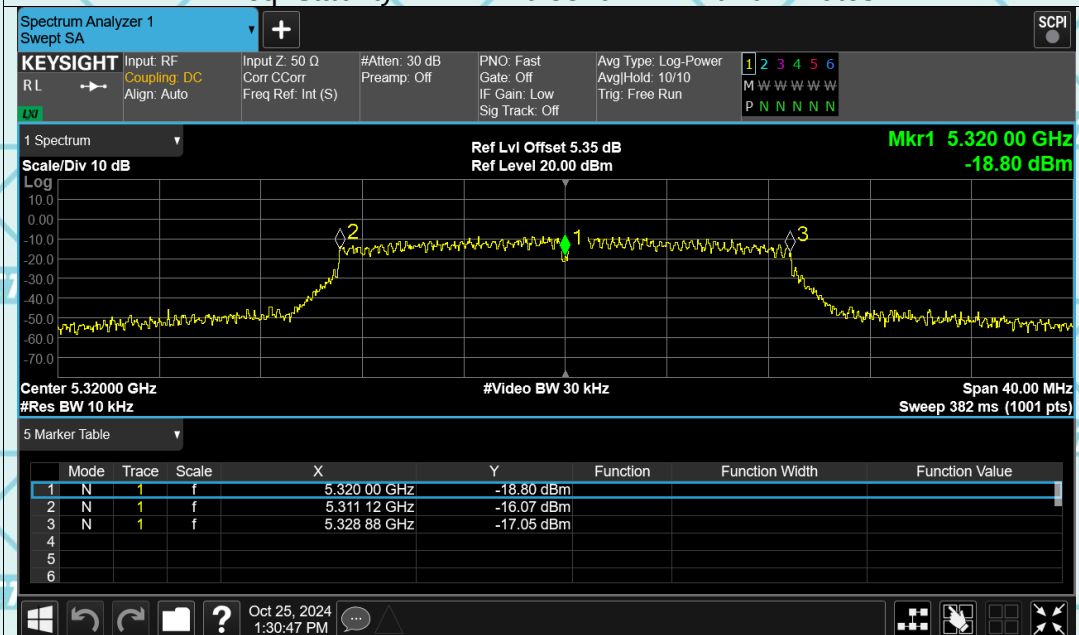


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n20 5260MHz Ant1 0 Minutes

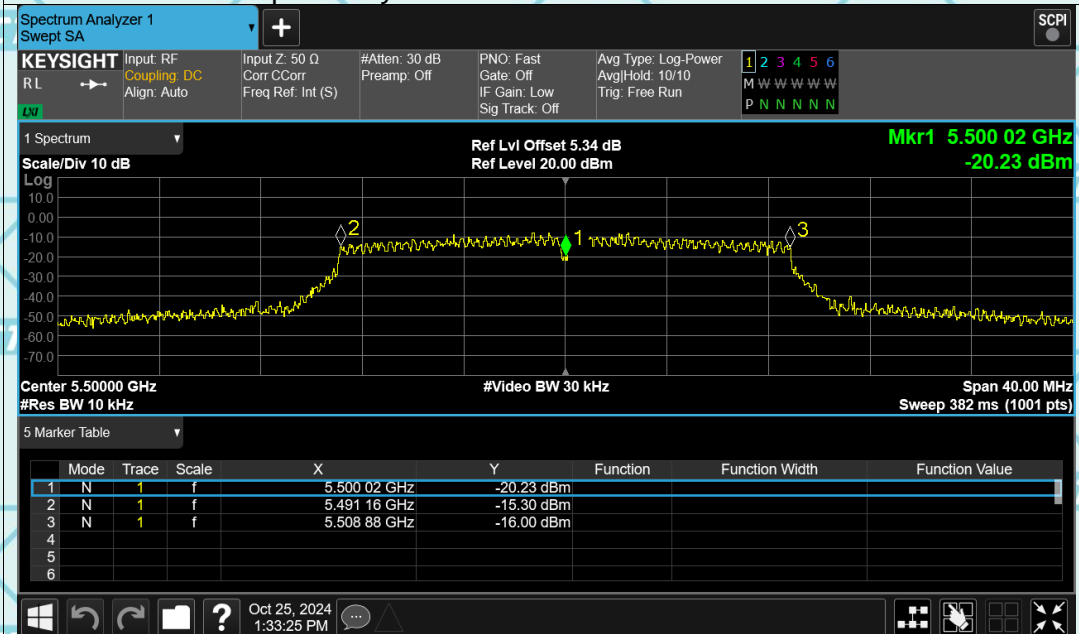


Freq. Stability NVNT n20 5320MHz Ant1 0 Minutes

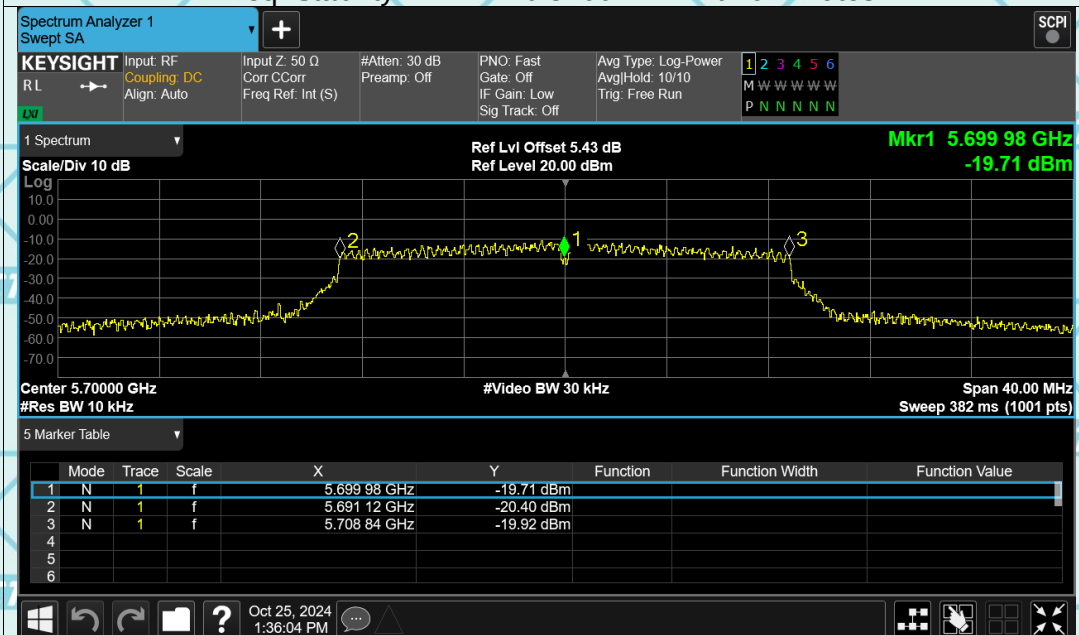


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n20 5500MHz Ant1 0 Minutes

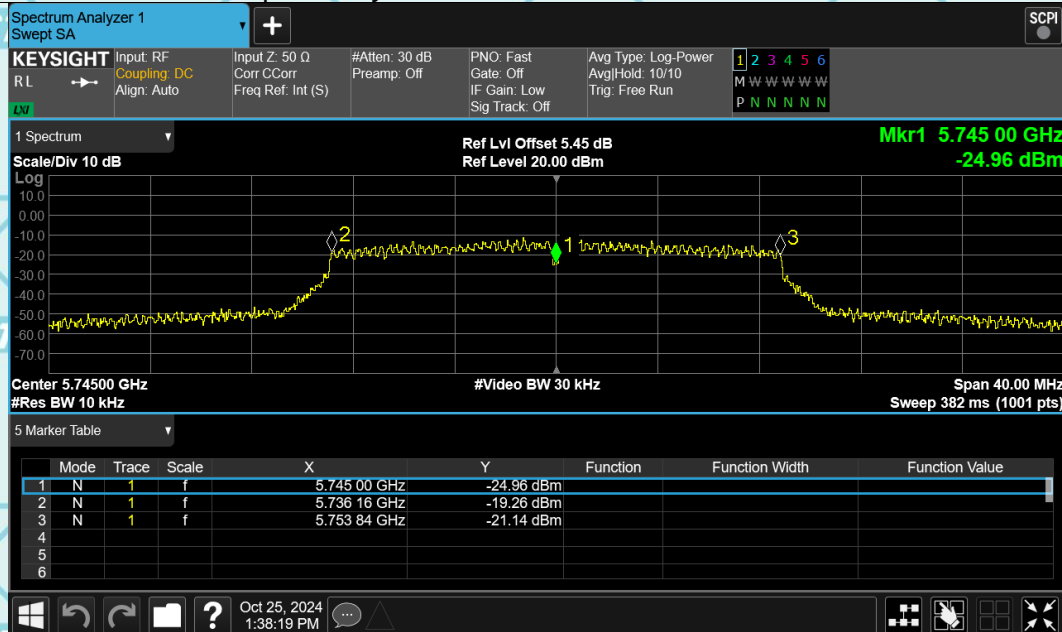


Freq. Stability NVNT n20 5700MHz Ant1 0 Minutes

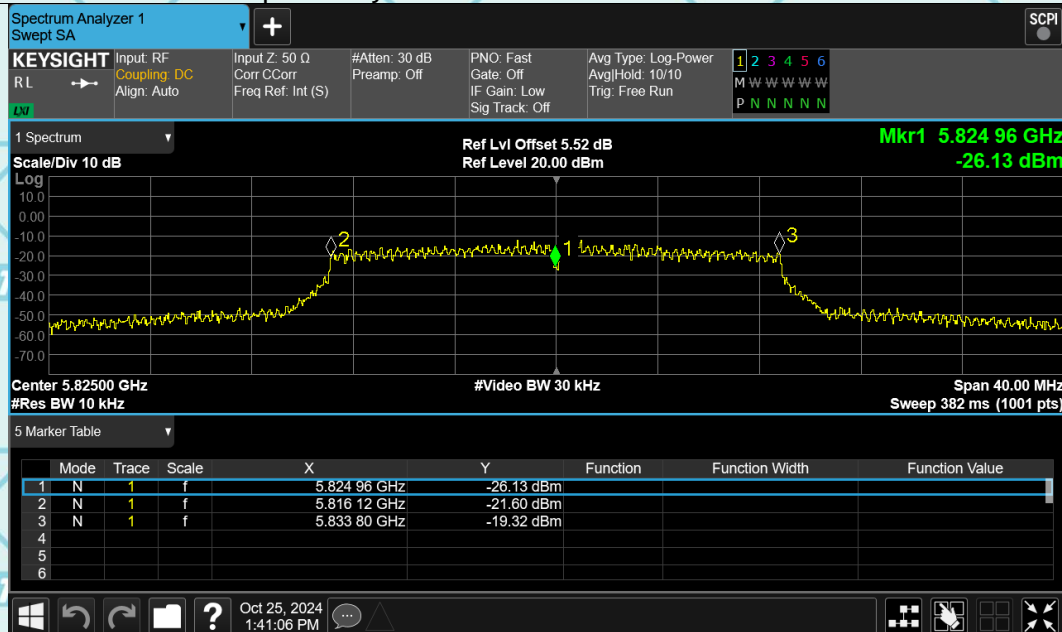


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n20 5745MHz Ant1 0 Minutes

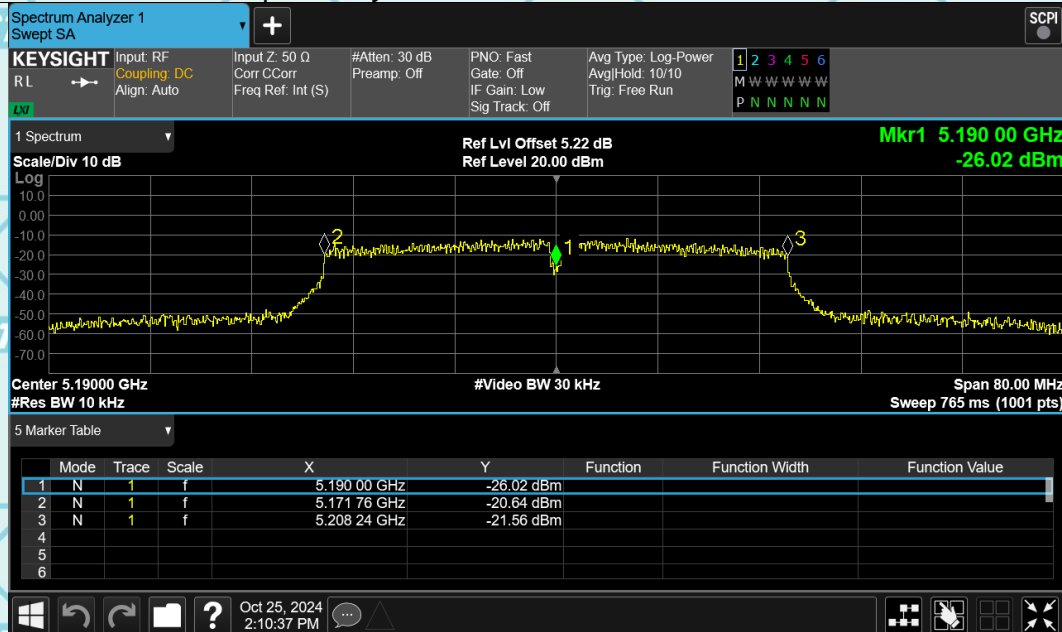


Freq. Stability NVNT n20 5825MHz Ant1 0 Minutes

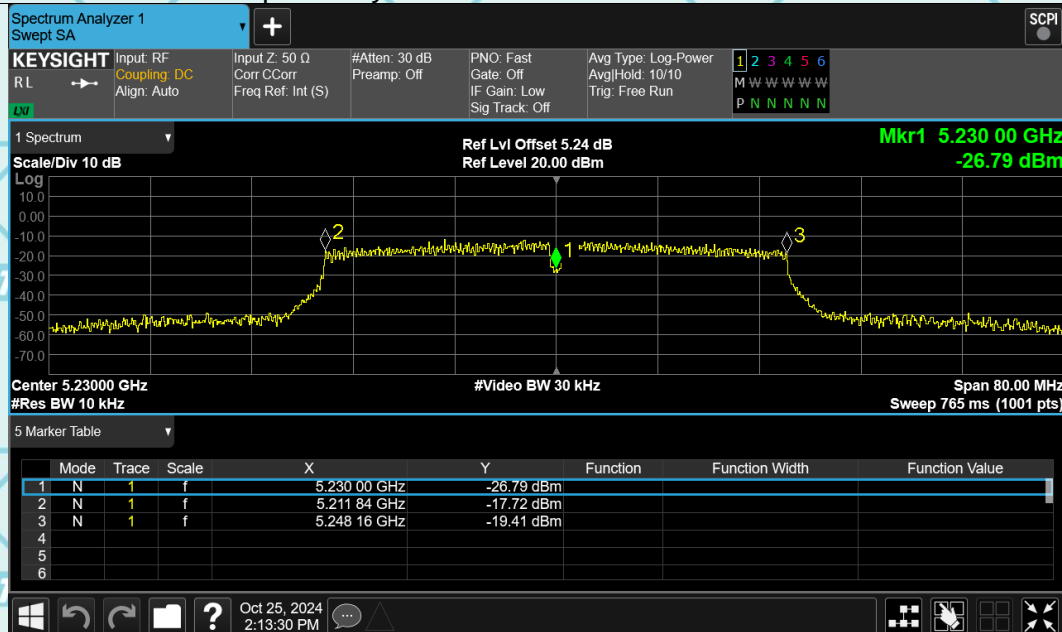


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n40 5190MHz Ant1 0 Minutes

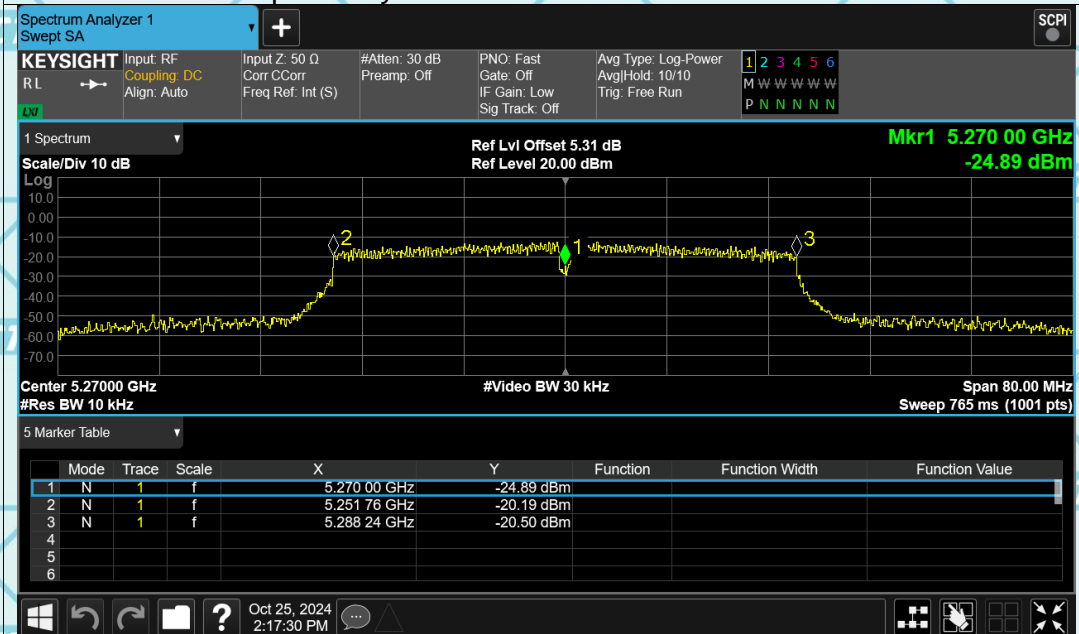


Freq. Stability NVNT n40 5230MHz Ant1 0 Minutes

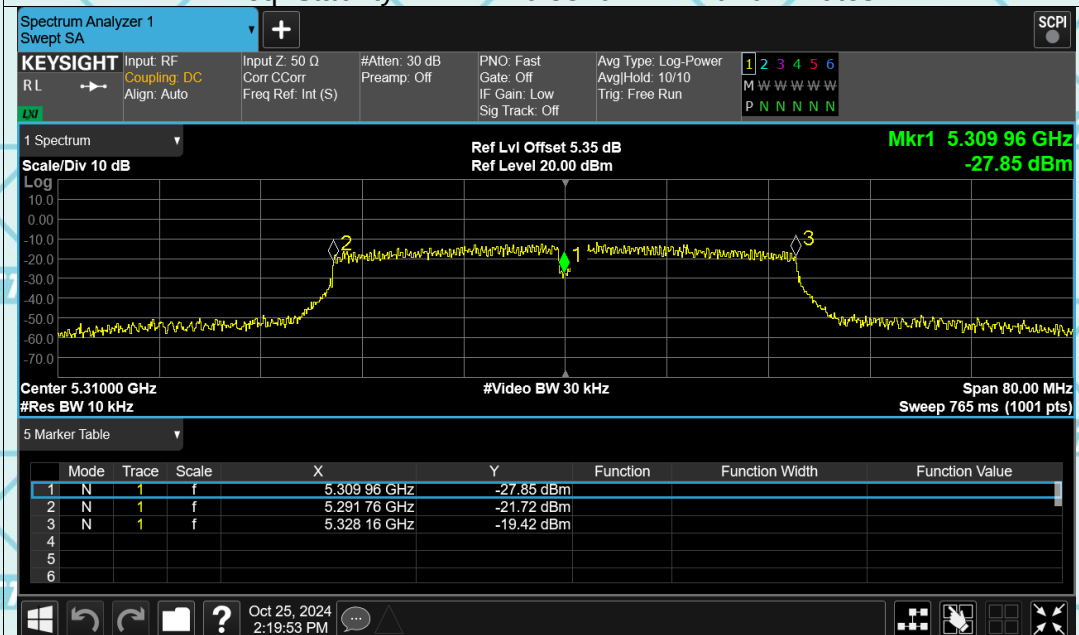


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n40 5270MHz Ant1 0 Minutes

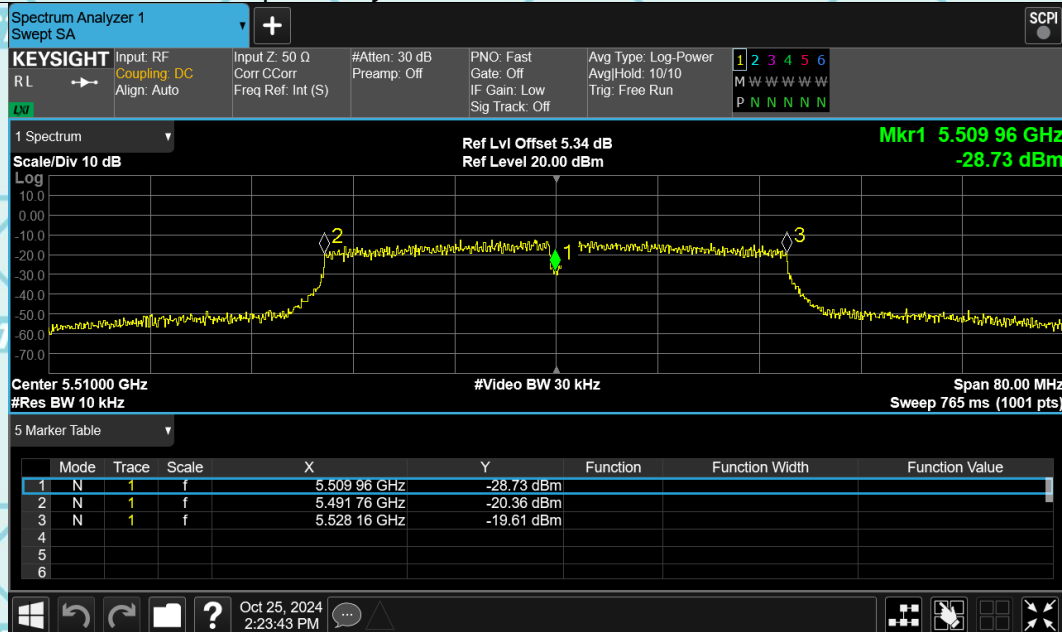


Freq. Stability NVNT n40 5310MHz Ant1 0 Minutes

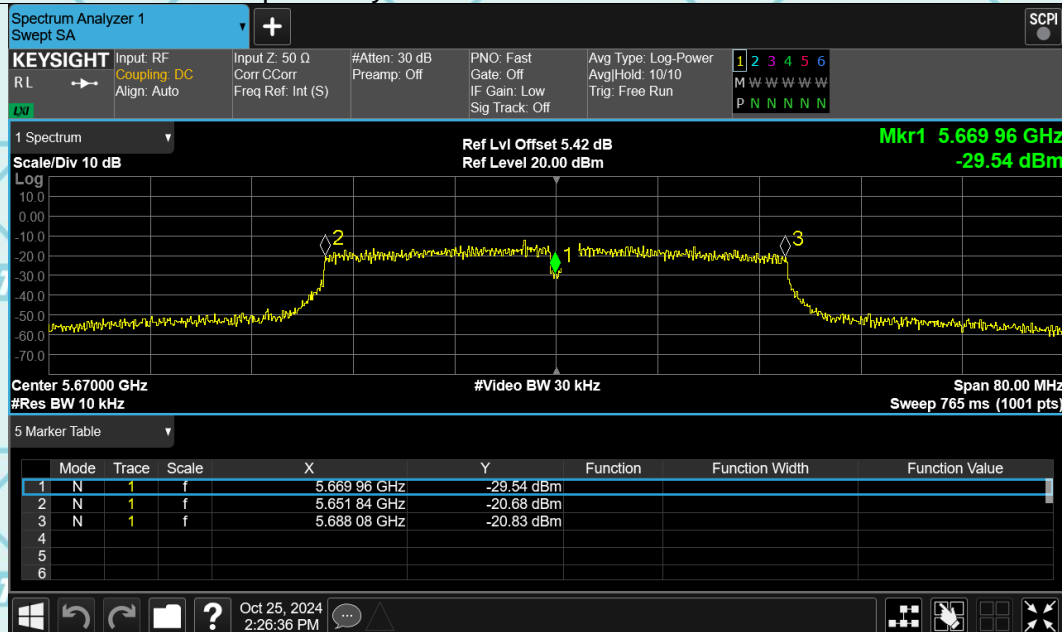


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n40 5510MHz Ant1 0 Minutes

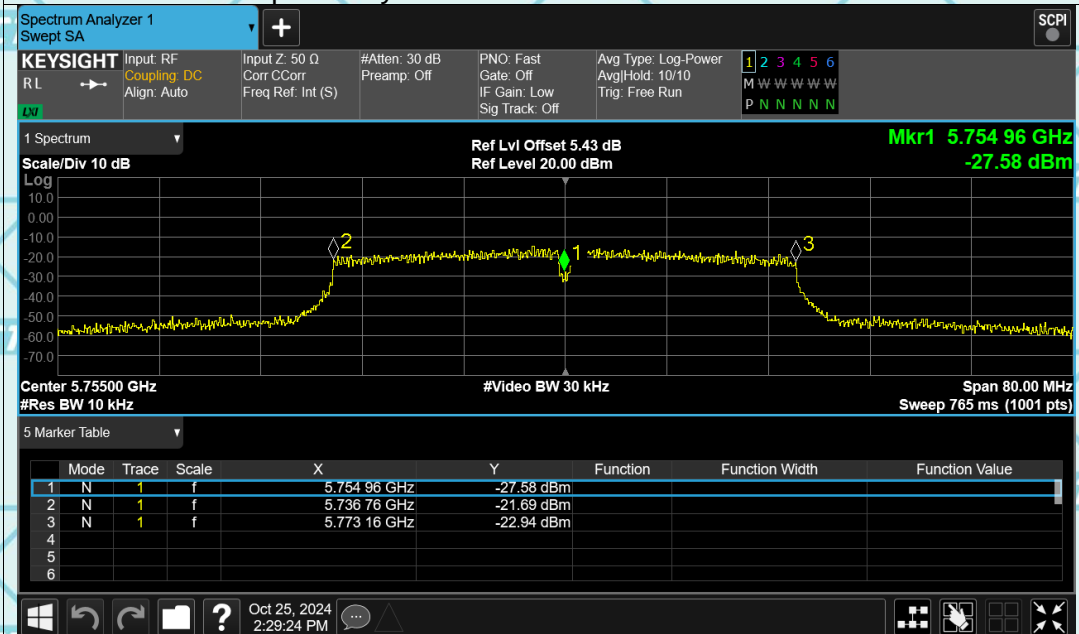


Freq. Stability NVNT n40 5670MHz Ant1 0 Minutes



Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT n40 5755MHz Ant1 0 Minutes

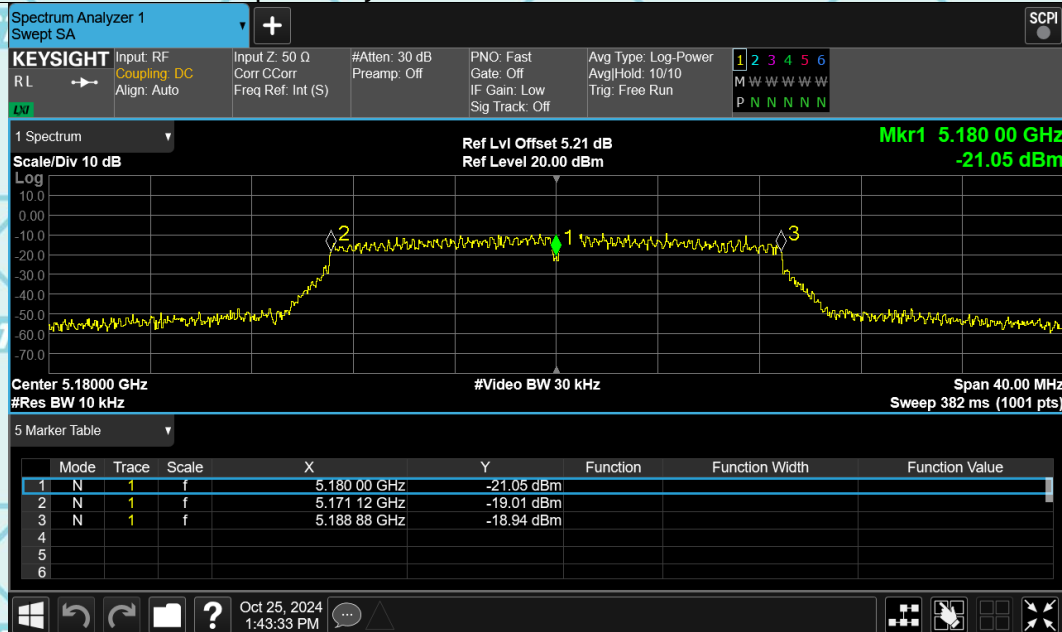


Freq. Stability NVNT n40 5795MHz Ant1 0 Minutes

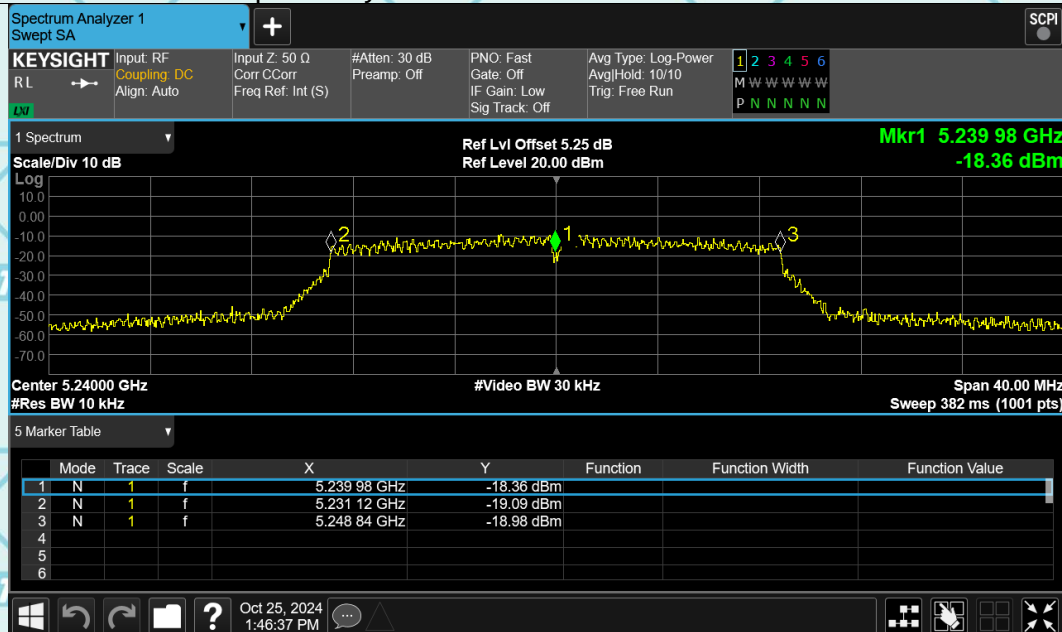


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT ac20 5180MHz Ant1 0 Minutes

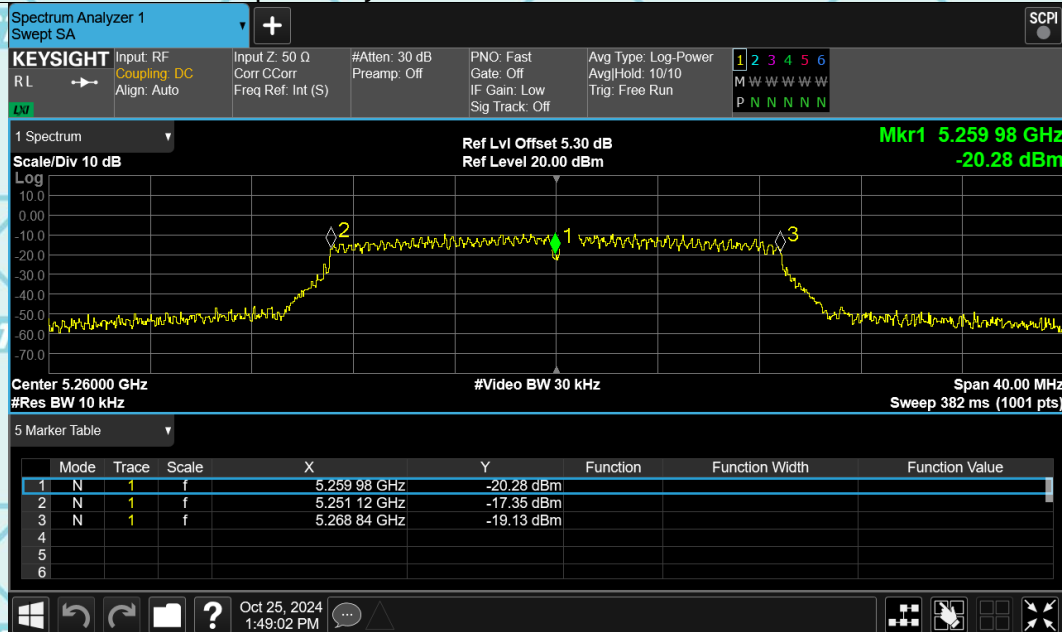


Freq. Stability NVNT ac20 5240MHz Ant1 0 Minutes

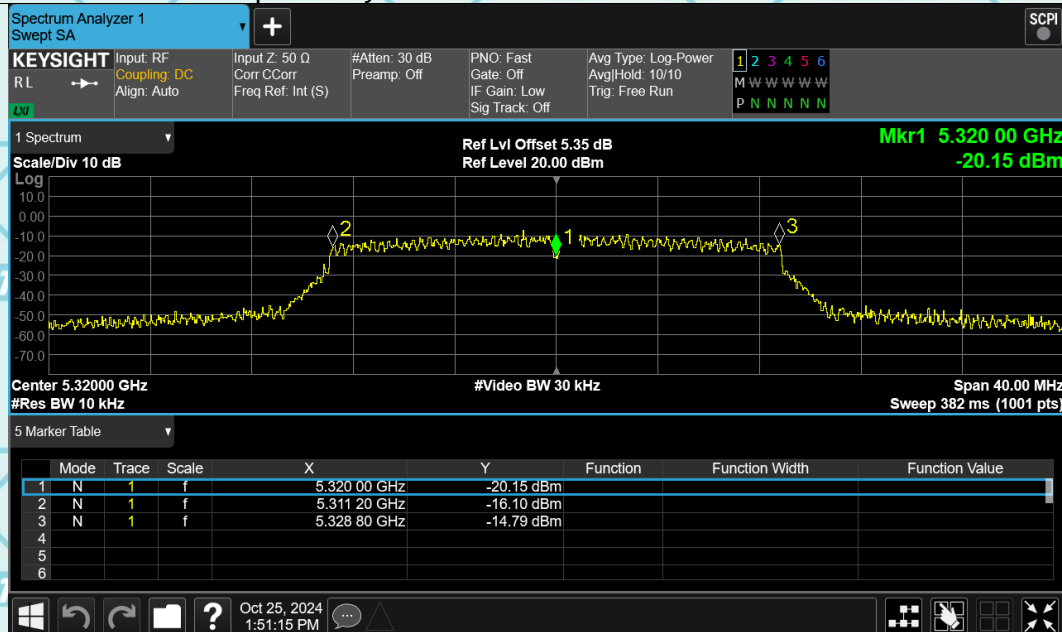


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT ac20 5260MHz Ant1 0 Minutes

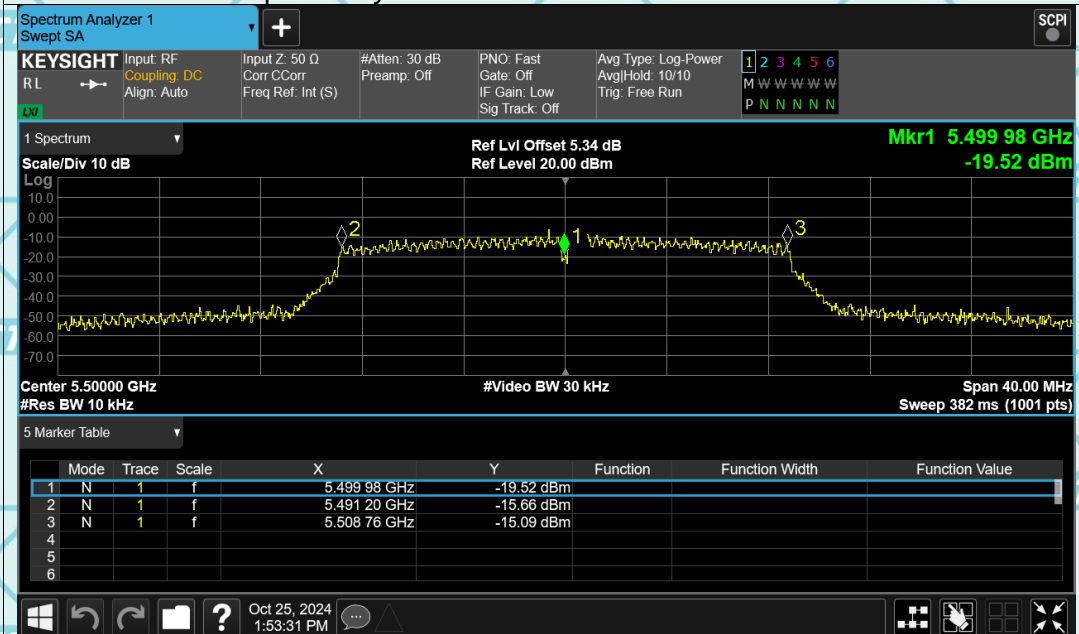


Freq. Stability NVNT ac20 5320MHz Ant1 0 Minutes

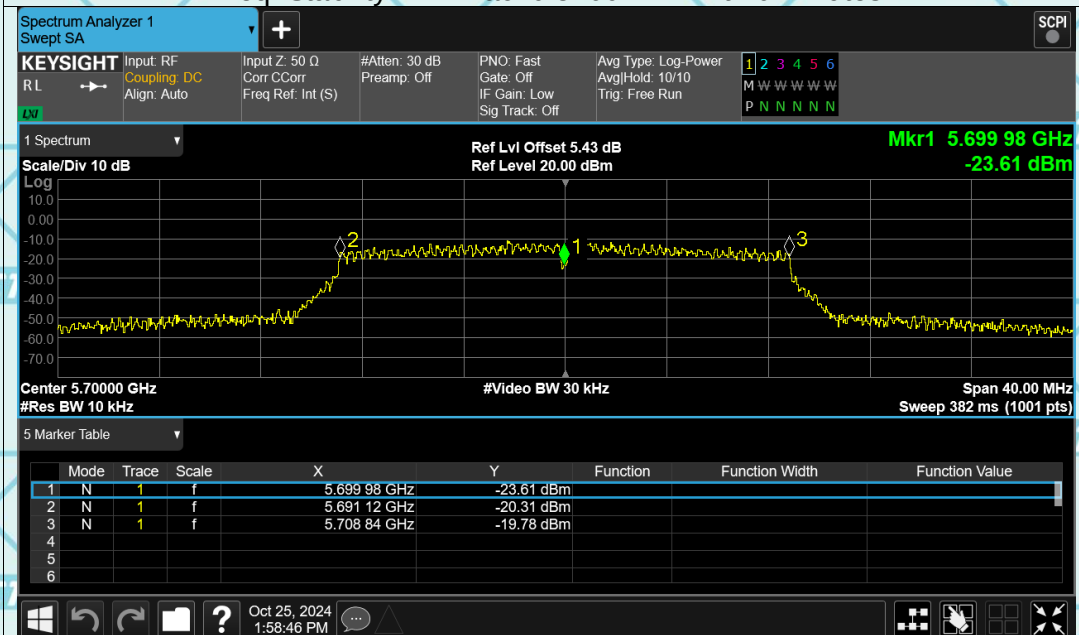


Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT ac20 5500MHz Ant1 0 Minutes

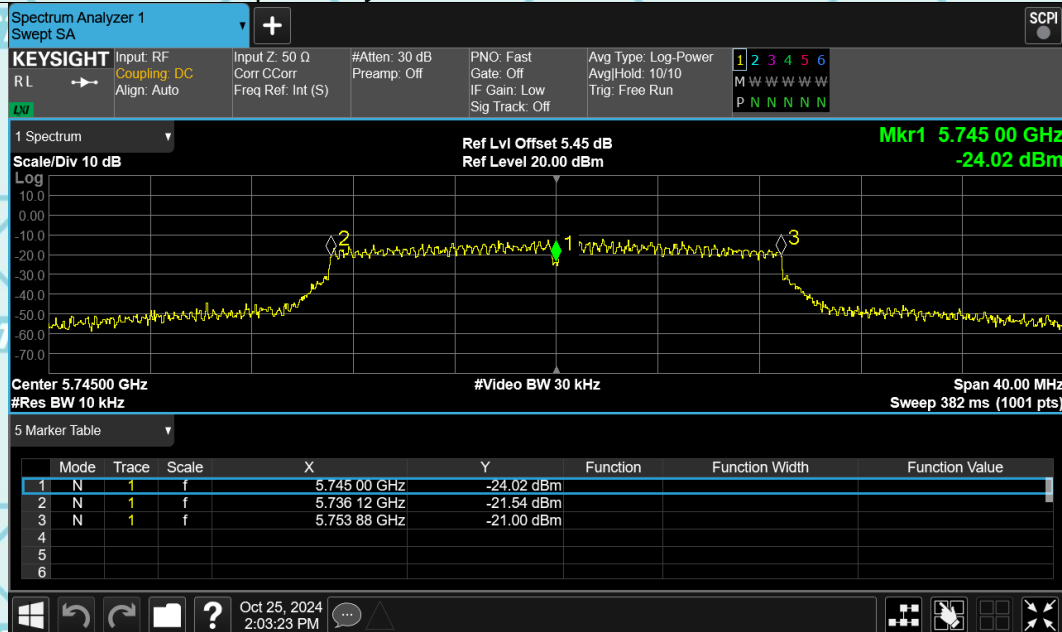


Freq. Stability NVNT ac20 5700MHz Ant1 0 Minutes



Report No.: WSCT-ANAB-R&E241100063A-Wi-Fi2

Freq. Stability NVNT ac20 5745MHz Ant1 0 Minutes



Freq. Stability NVNT ac20 5825MHz Ant1 0 Minutes

