

Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

7.7 POWER SPECTRAL DENSITY

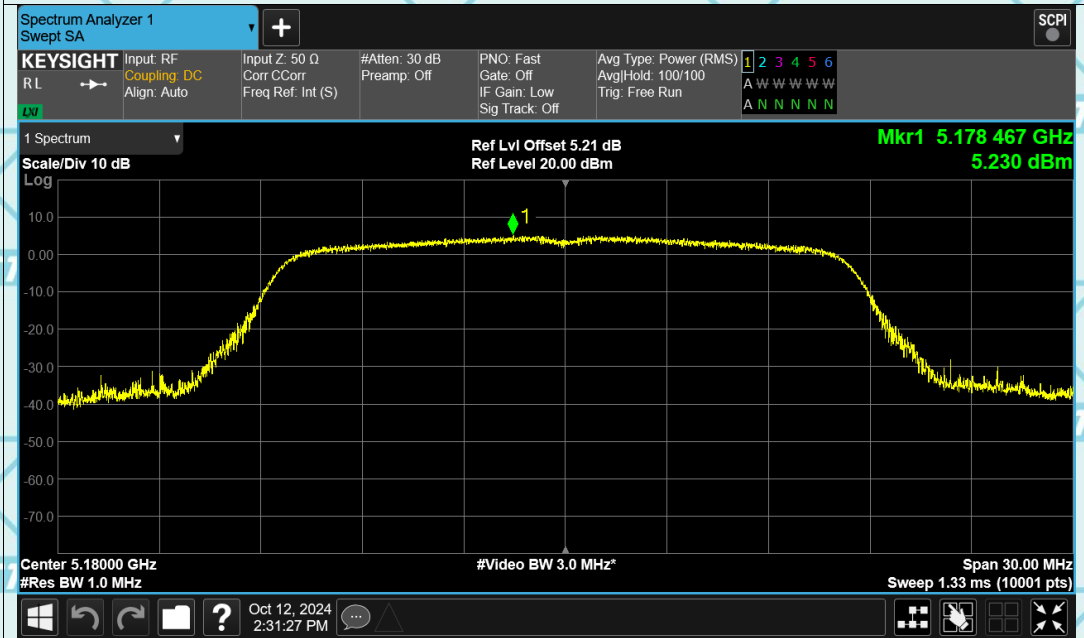
Product	: EUT-Sample	Test Mode	: See section 3.4
Test Item	: Power Spectral Density	Temperature	: 25 °C
Test Voltage	: DC 3.85V	Humidity	: 56%RH
Test Result	: PASS		

Mode	Frequency (MHz)	Total PSD (dBm)	Limit (dBm)	Verdict
a	5180	5.230	11	Pass
a	5240	5.924	11	Pass
a	5260	6.127	11	Pass
a	5320	6.043	11	Pass
a	5500	6.180	11	Pass
a	5700	6.360	11	Pass
a	5745	3.414	30	Pass
a	5825	3.220	30	Pass
n20	5180	5.657	11	Pass
n20	5240	6.190	11	Pass
n20	5260	6.274	11	Pass
n20	5320	6.477	11	Pass
n20	5500	6.636	11	Pass
n20	5700	6.643	11	Pass
n20	5745	3.494	30	Pass
n20	5825	4.022	30	Pass
n40	5190	4.016	11	Pass
n40	5230	4.091	11	Pass
n40	5270	4.030	11	Pass
n40	5310	4.691	11	Pass
n40	5510	3.083	11	Pass
n40	5670	4.106	11	Pass
n40	5755	1.354	30	Pass
n40	5795	1.813	30	Pass
ac20	5180	4.739	11	Pass
ac20	5240	4.973	11	Pass
ac20	5260	5.326	11	Pass
ac20	5320	5.540	11	Pass
ac20	5500	5.529	11	Pass
ac20	5700	5.763	11	Pass
ac20	5745	2.958	30	Pass
ac20	5825	3.151	30	Pass
ac40	5190	2.902	11	Pass
ac40	5230	2.926	11	Pass
ac40	5270	3.734	11	Pass
ac40	5310	3.673	11	Pass
ac40	5510	1.988	11	Pass
ac40	5670	3.107	11	Pass
ac40	5755	0.310	30	Pass
ac40	5795	1.061	30	Pass
ac80	5210	-0.524	11	Pass
ac80	5290	-0.746	11	Pass
ac80	5530	-0.799	11	Pass
ac80	5610	0.619	11	Pass
ac80	5775	-2.791	30	Pass

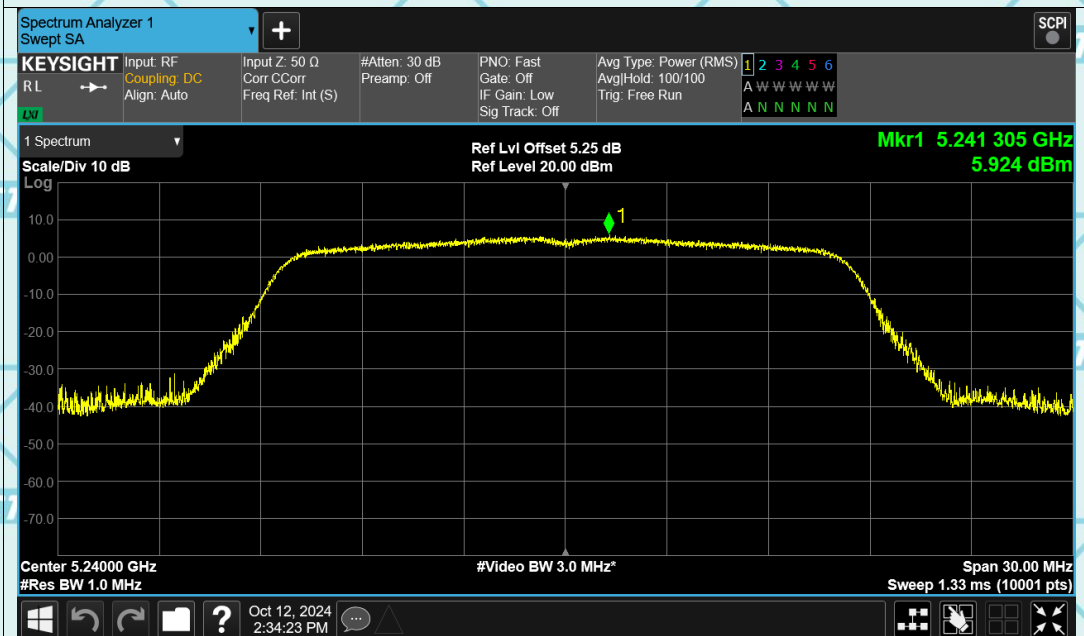
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Test Graphs

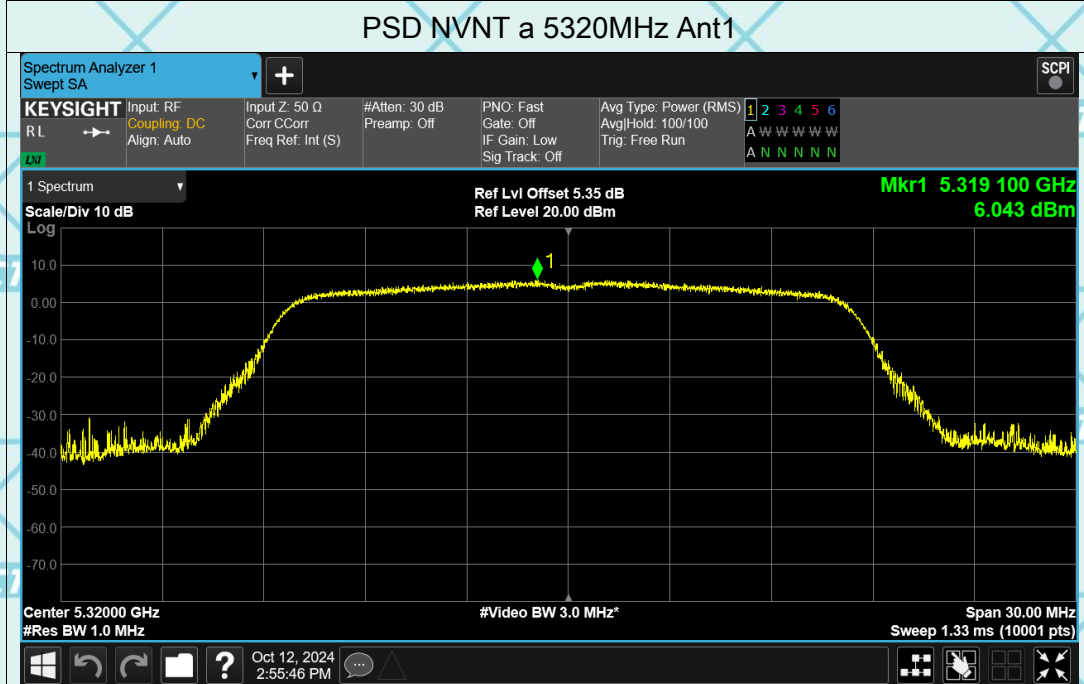
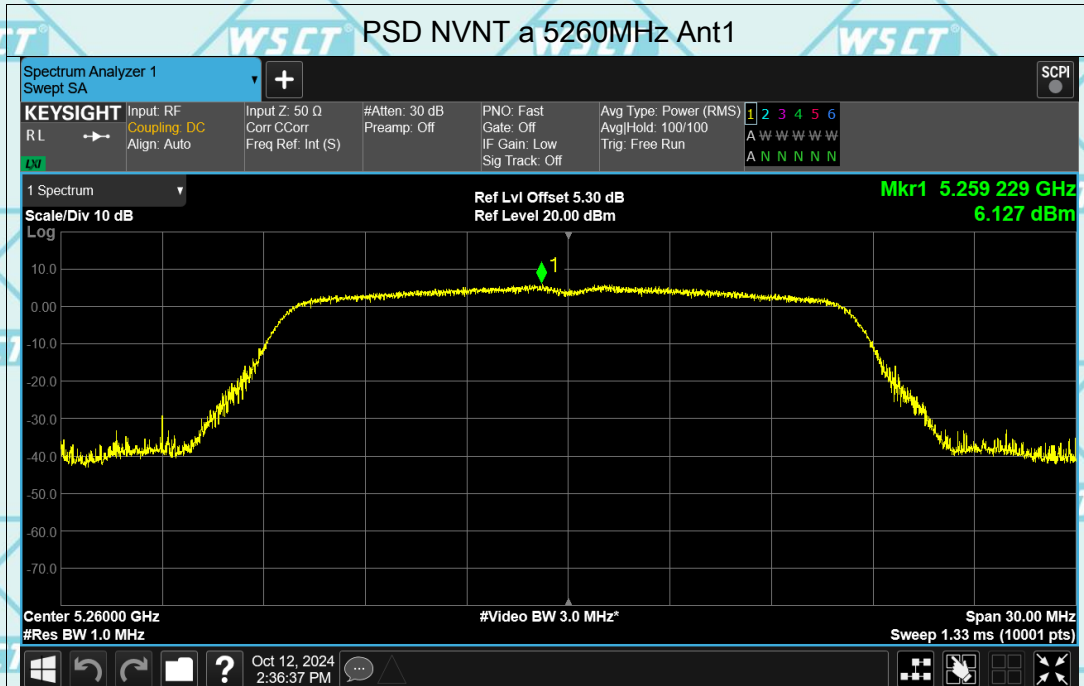
PSD NVNT a 5180MHz Ant1



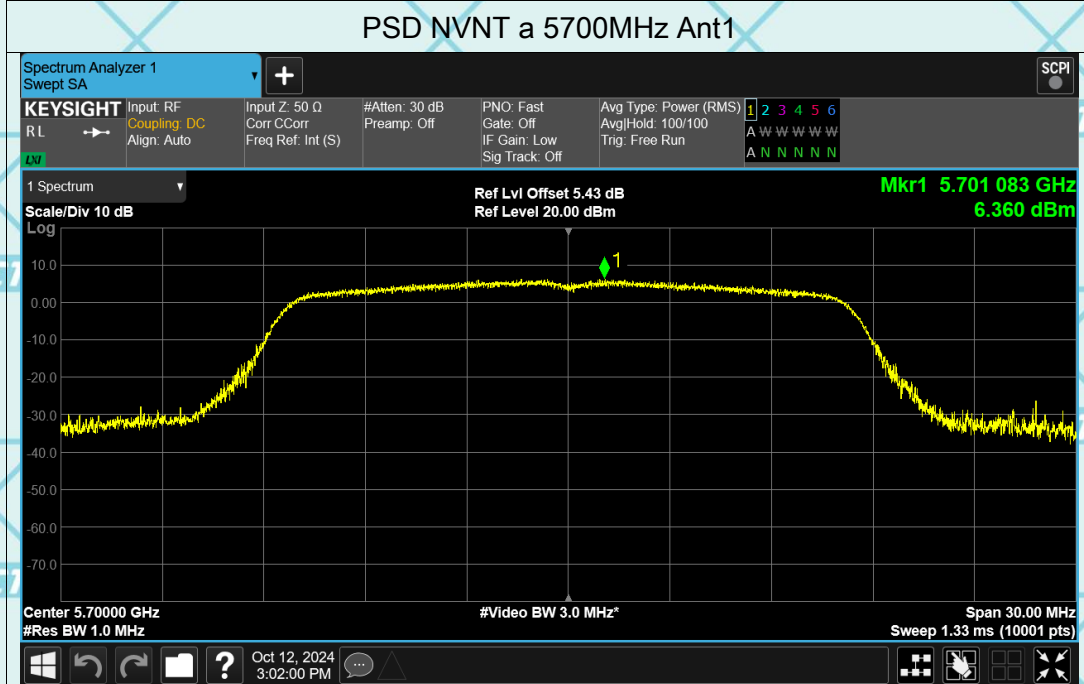
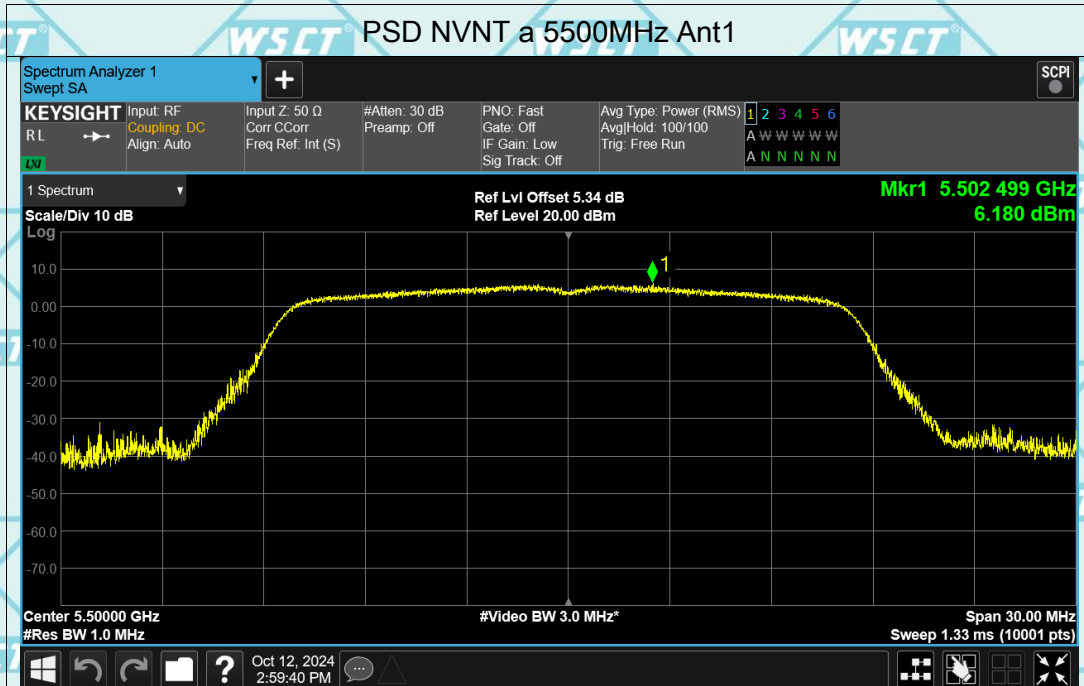
PSD NVNT a 5240MHz Ant1



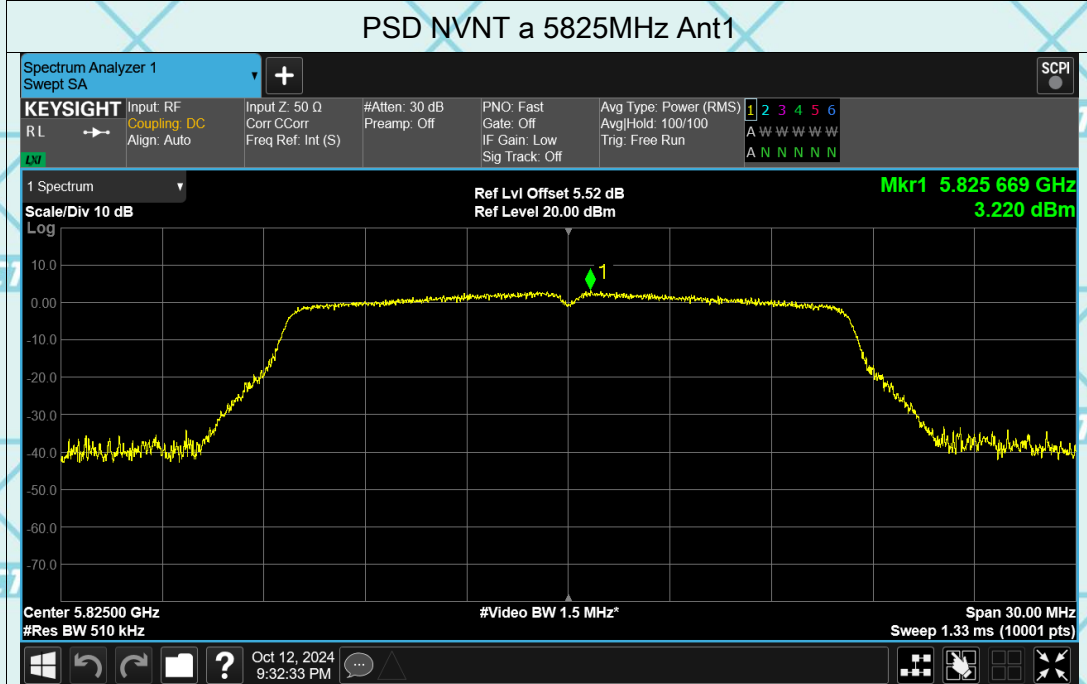
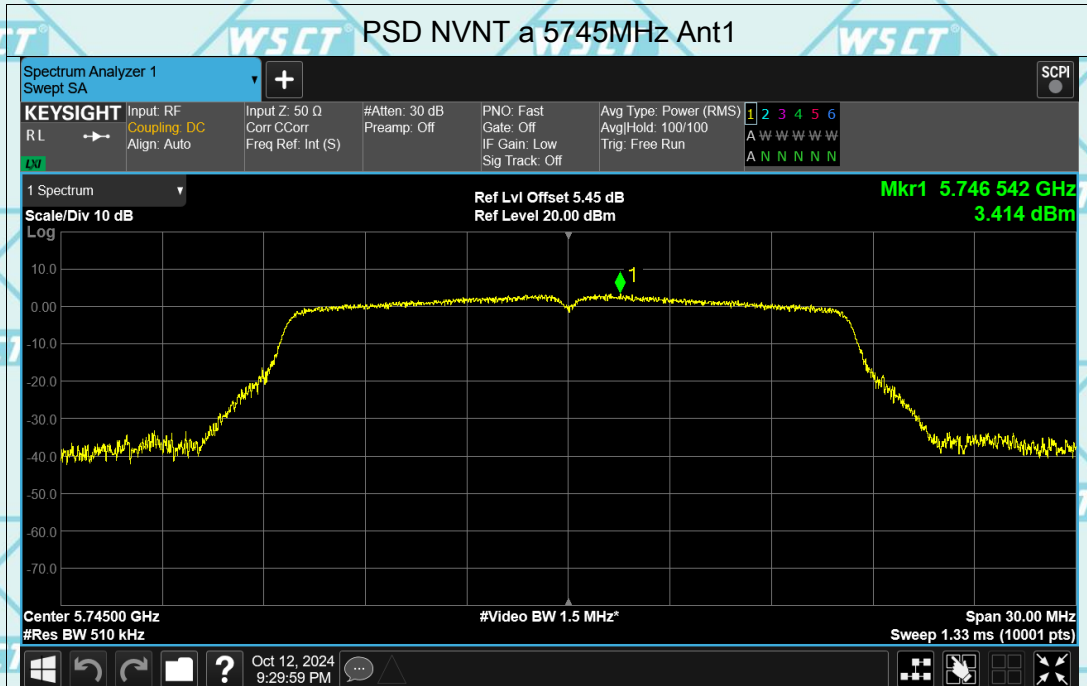
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



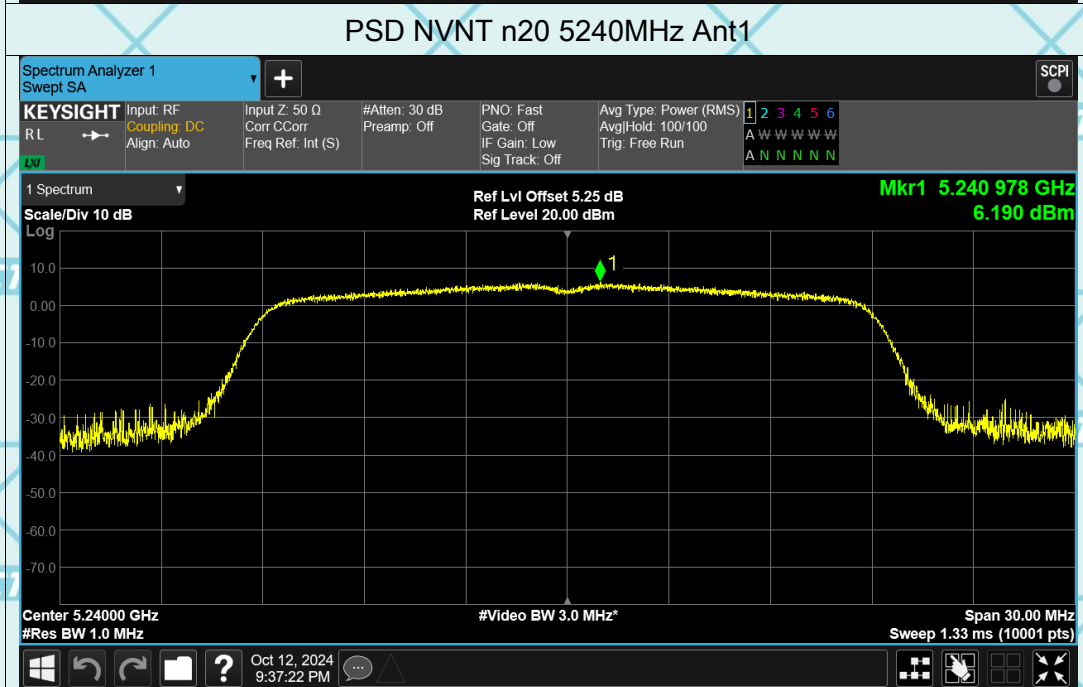
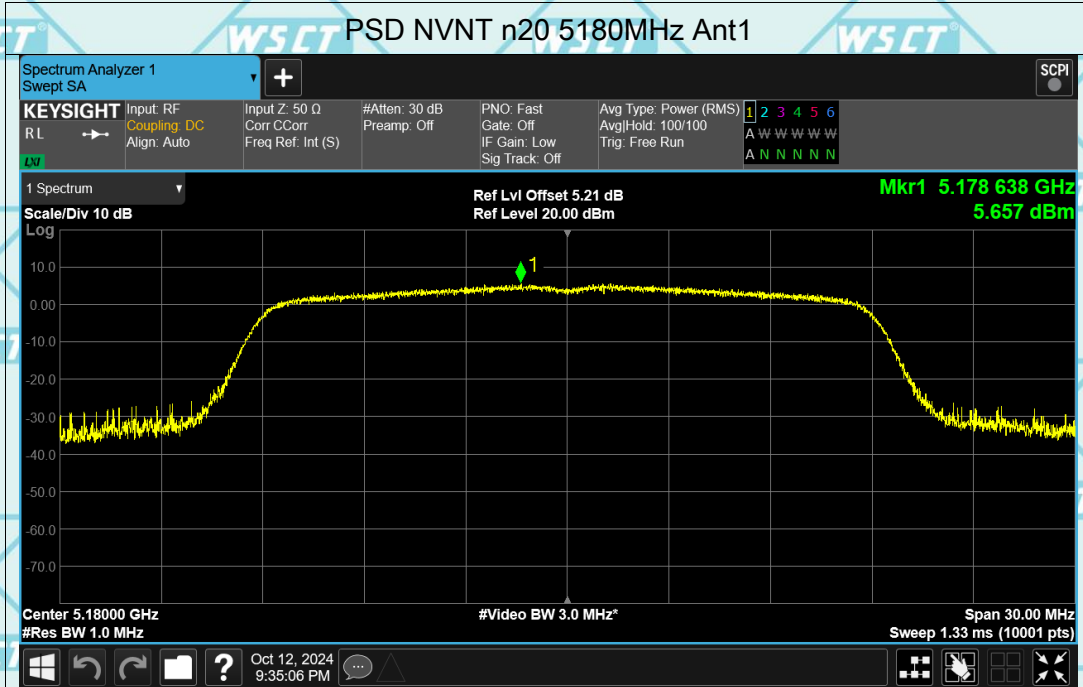
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



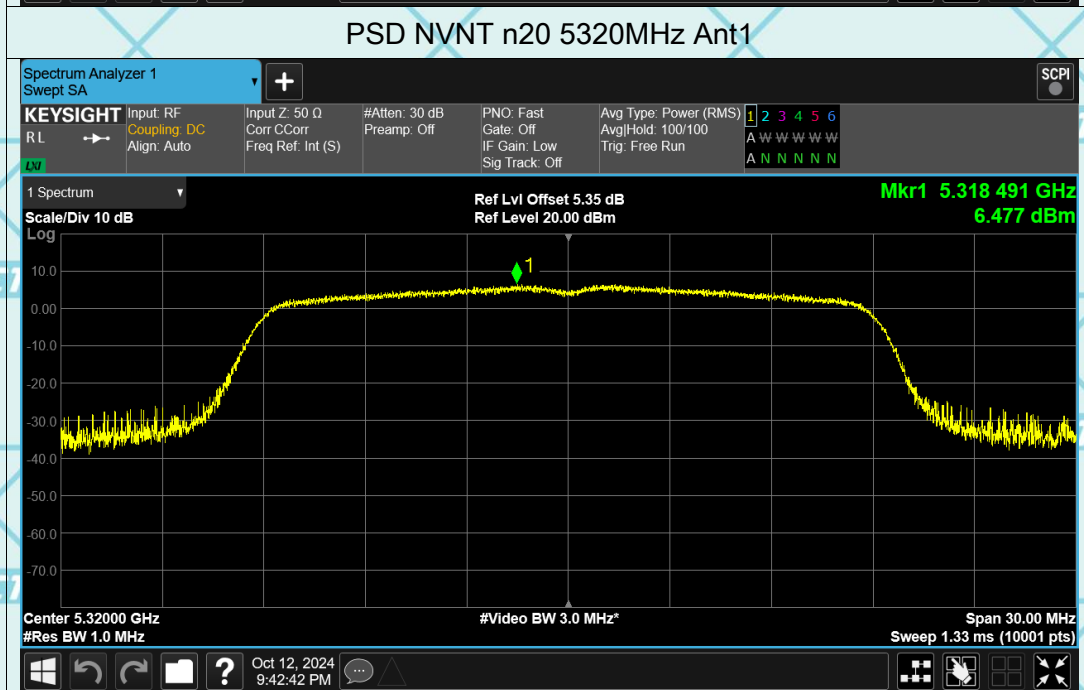
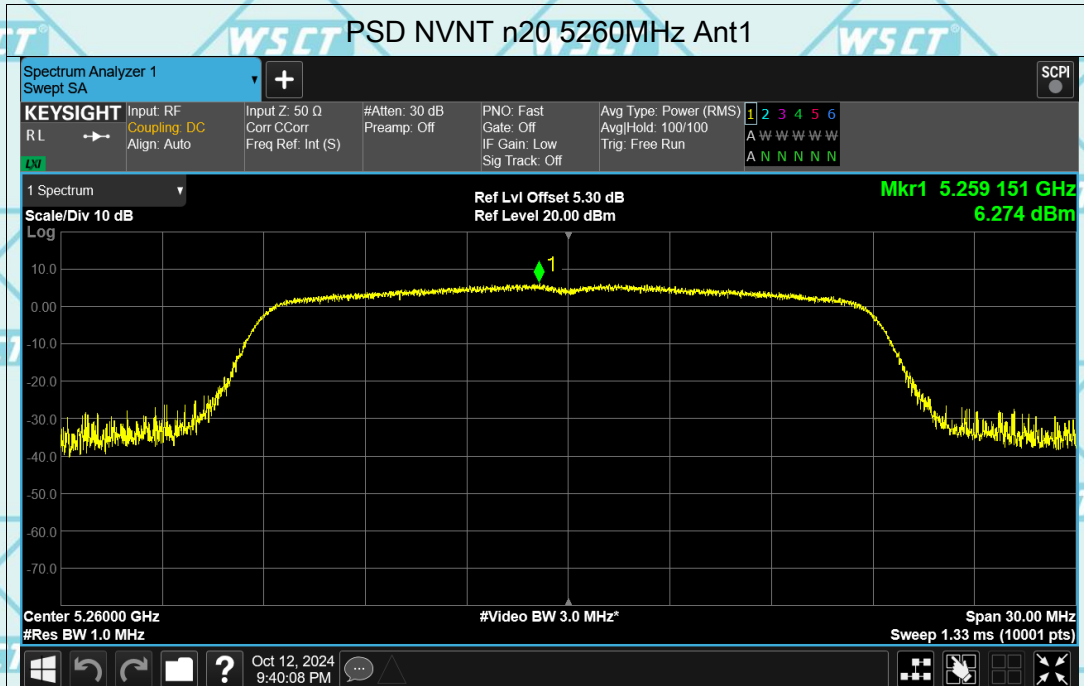
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



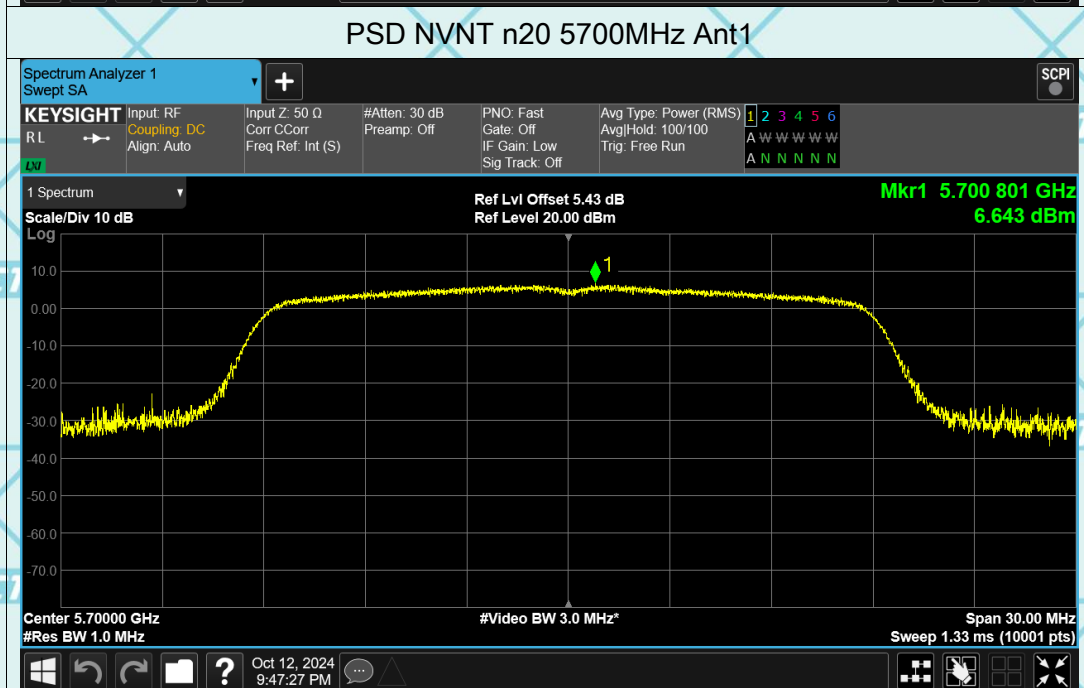
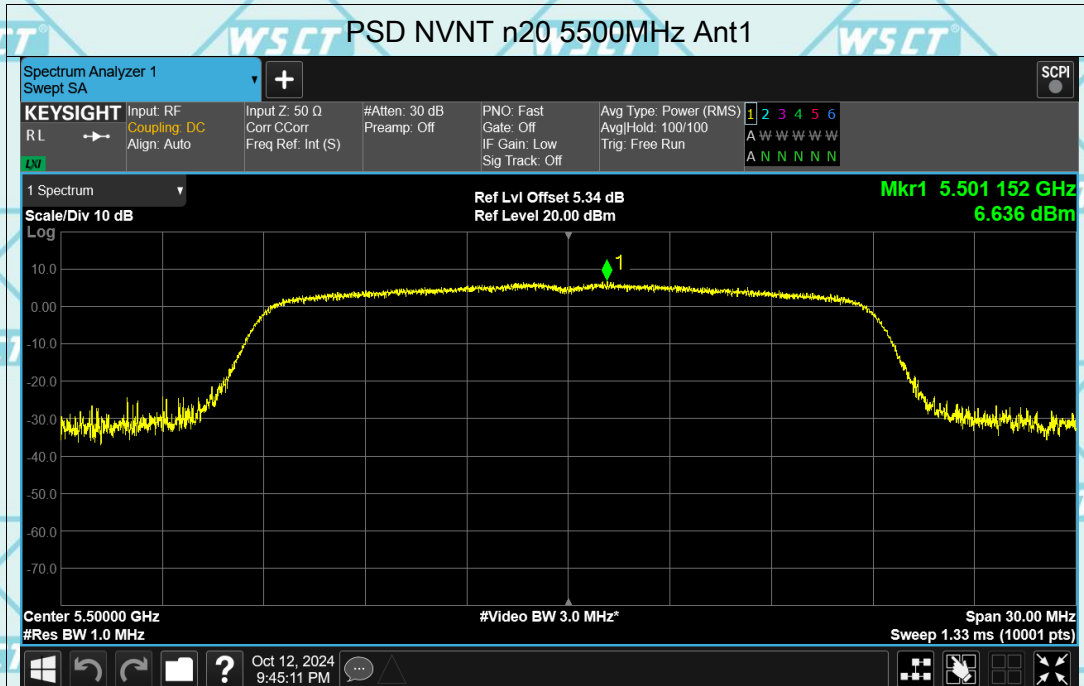
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



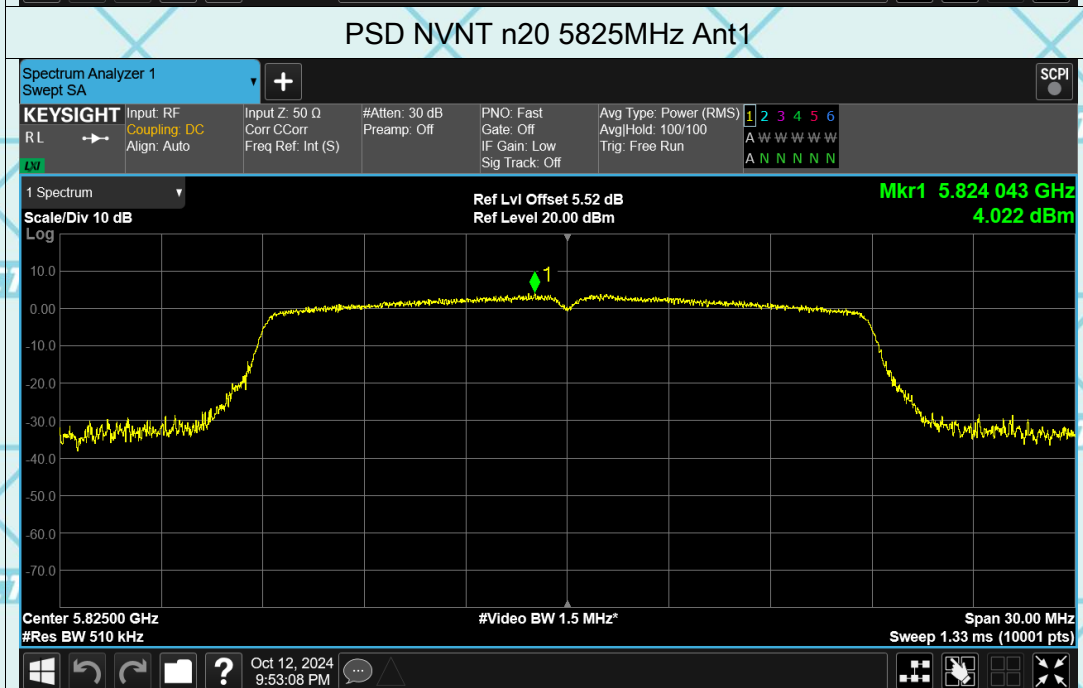
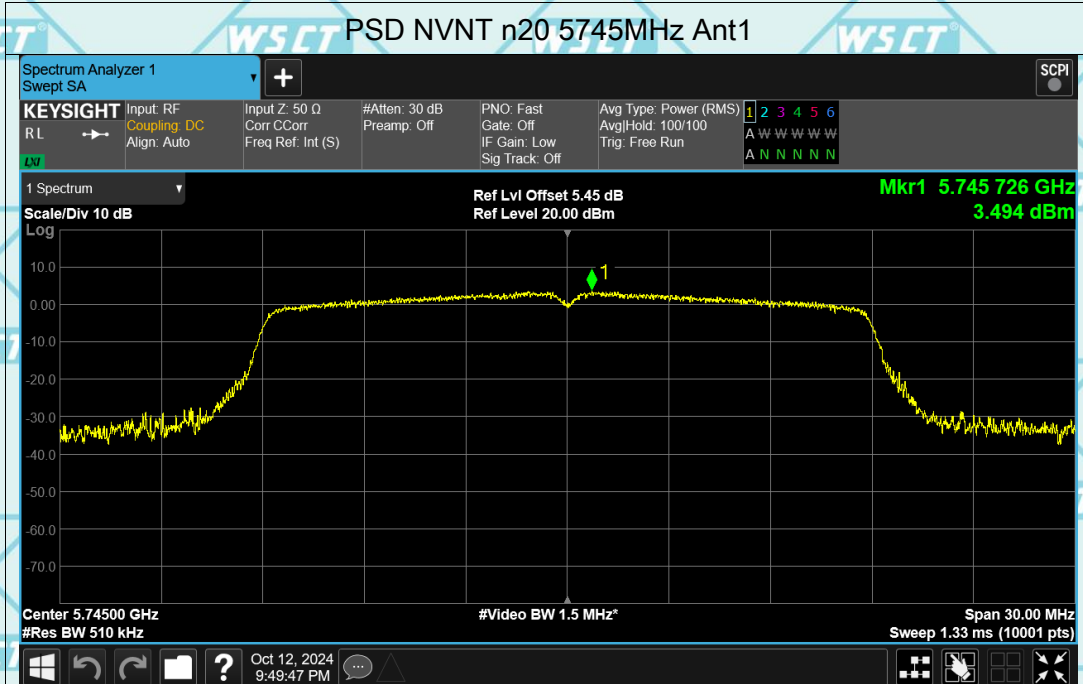
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



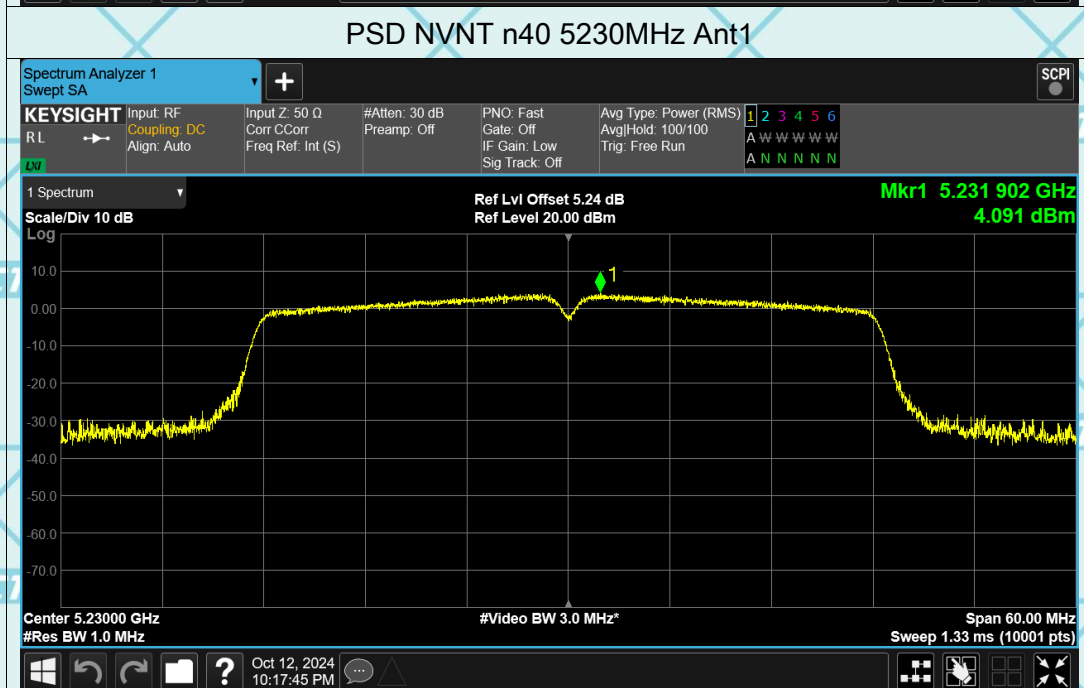
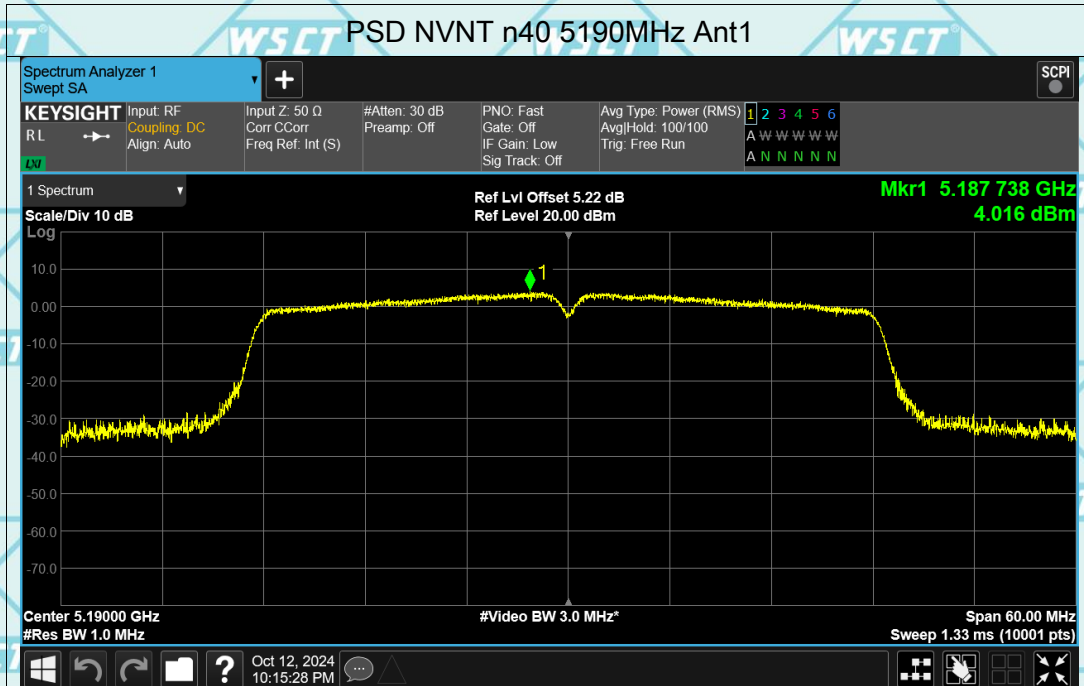
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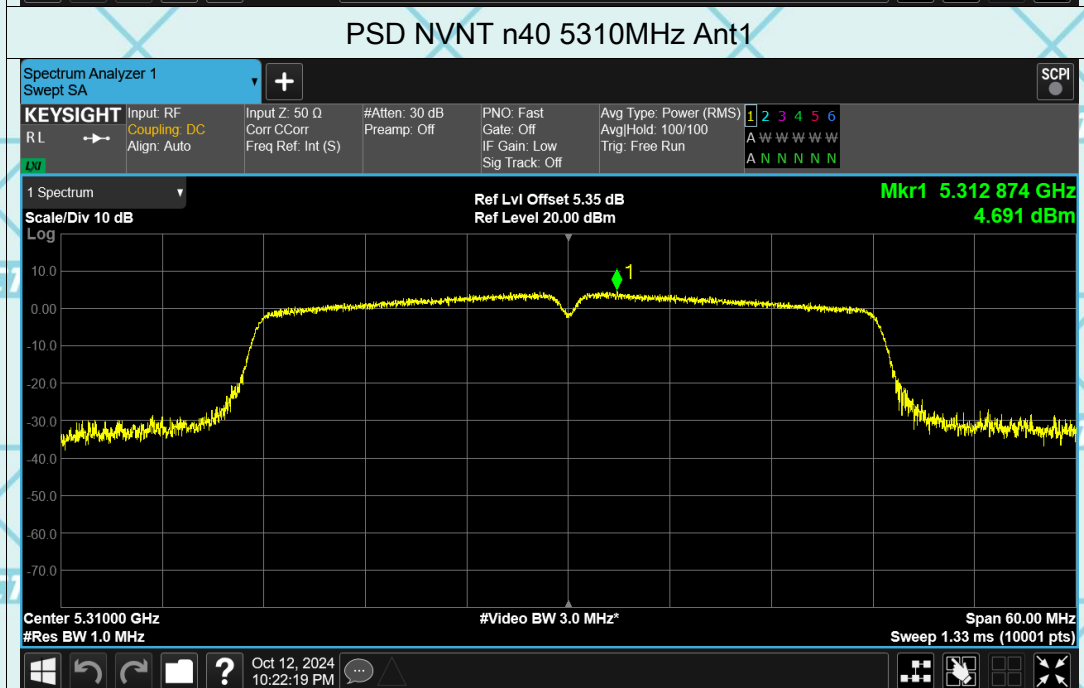
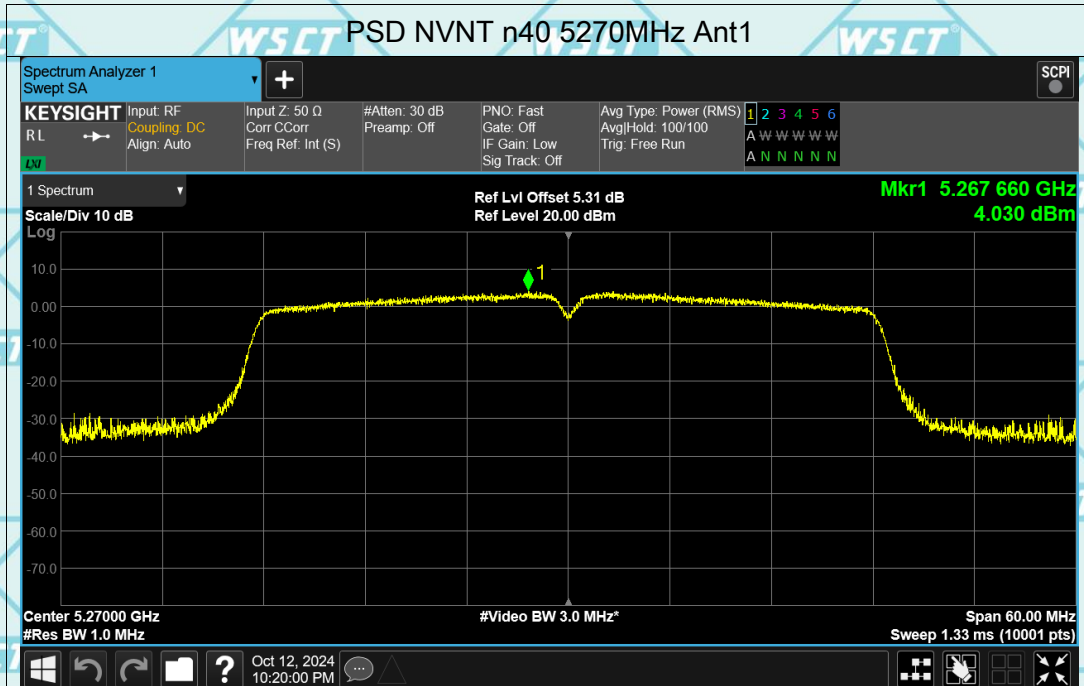
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



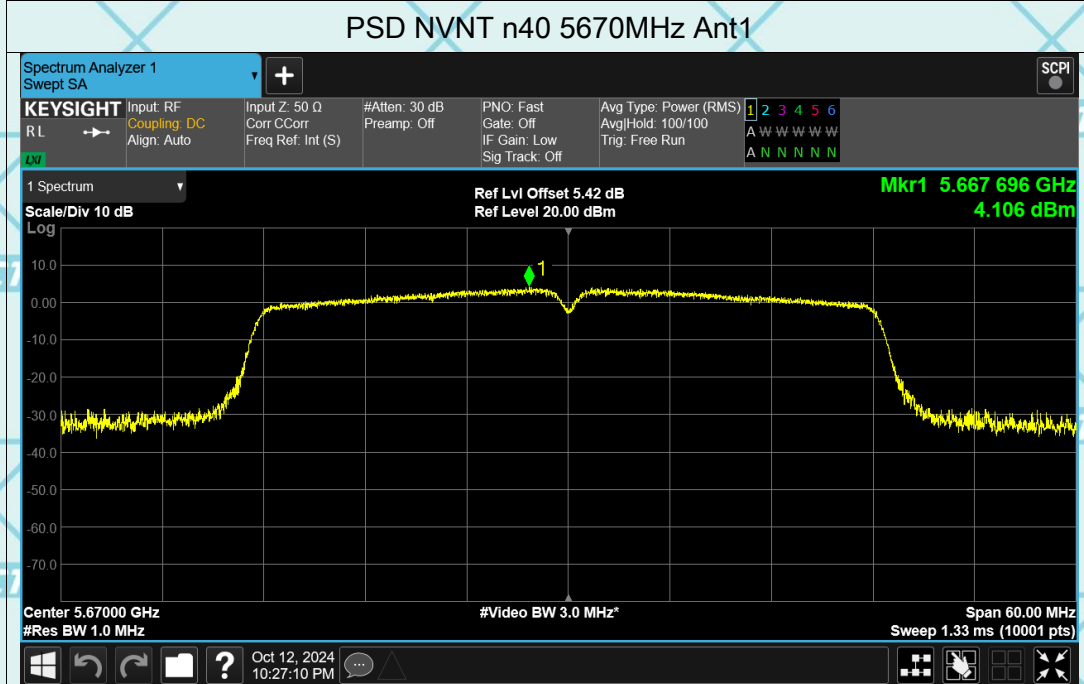
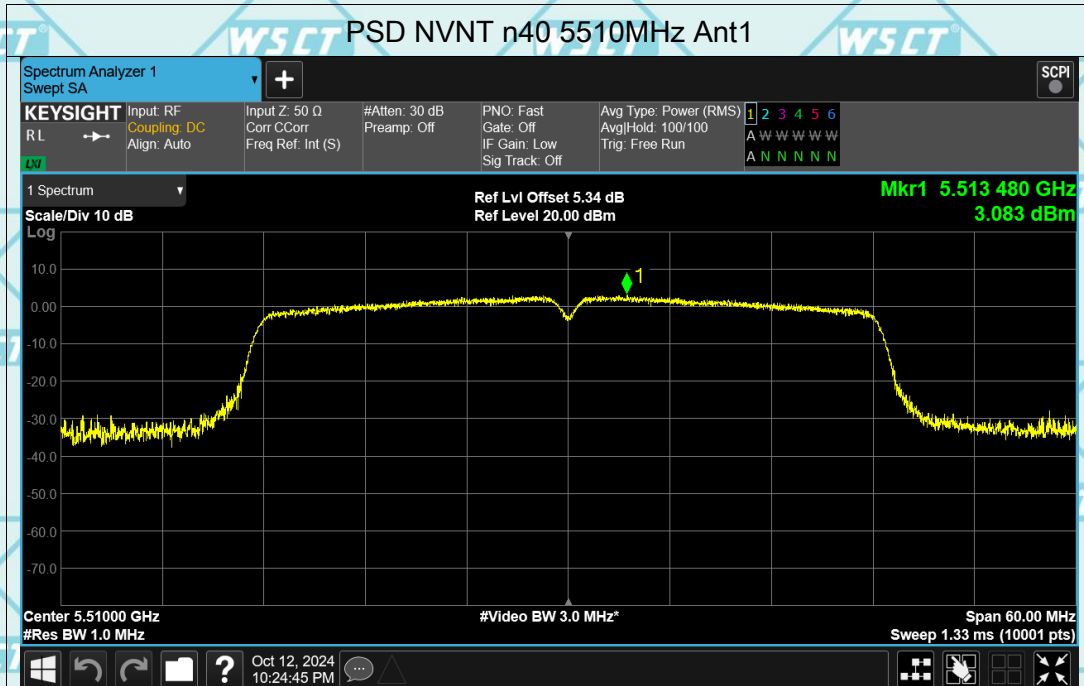
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



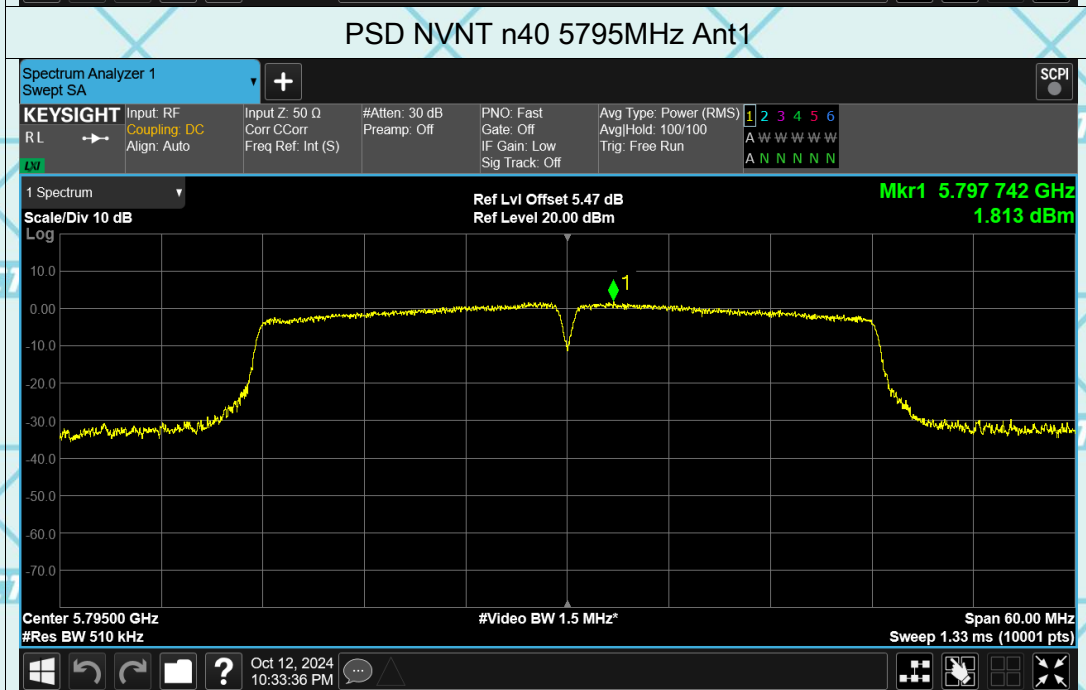
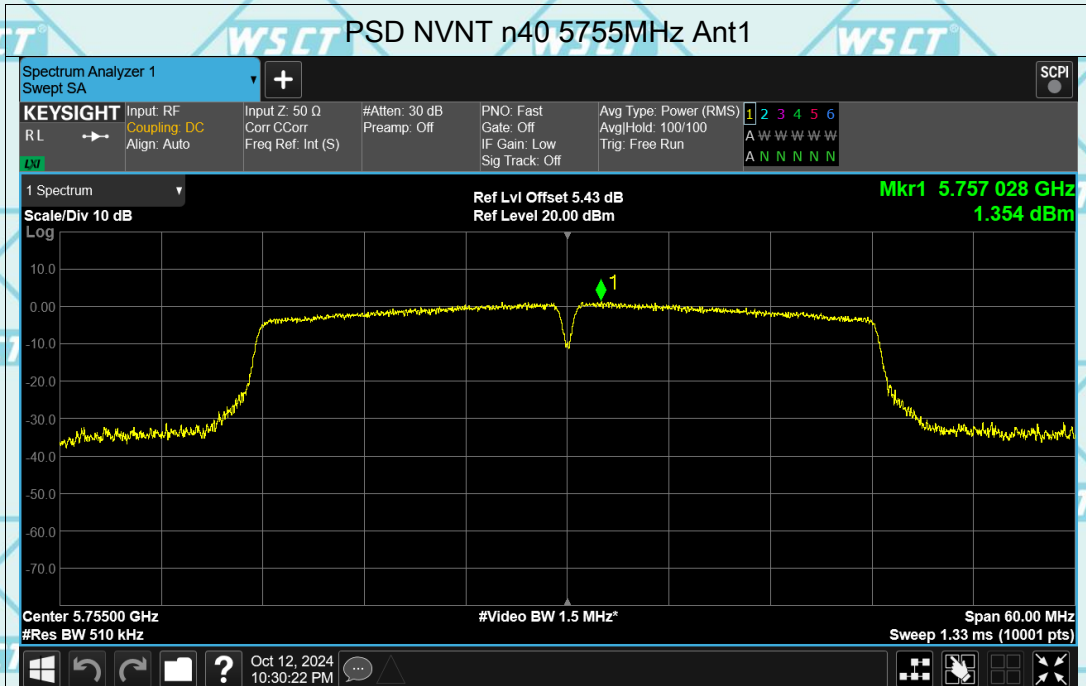
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



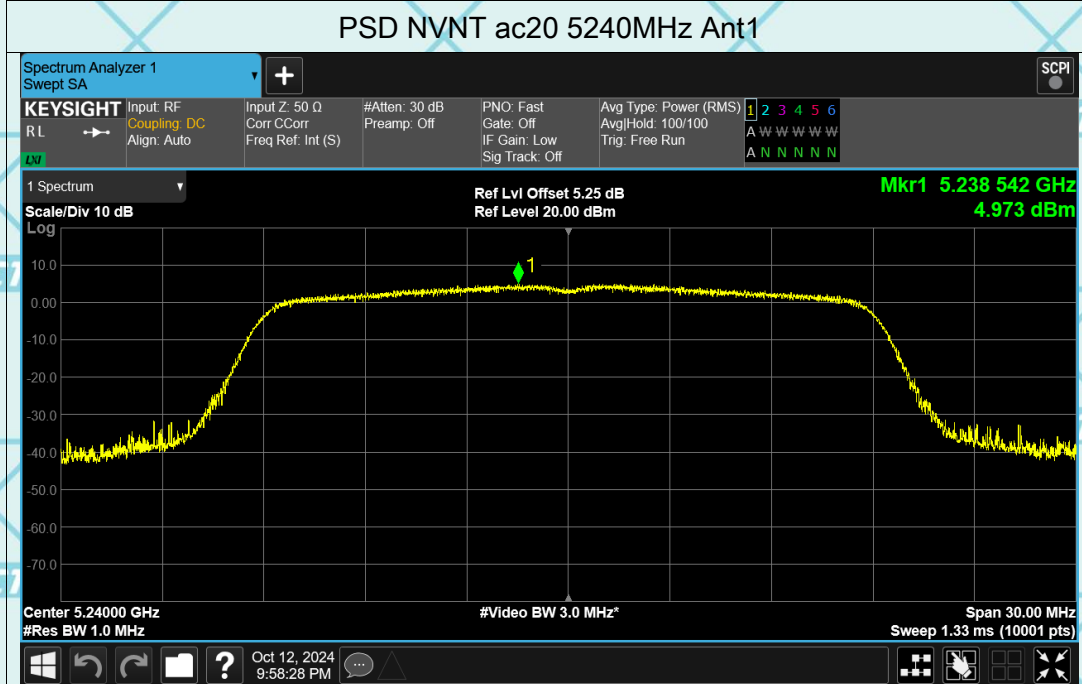
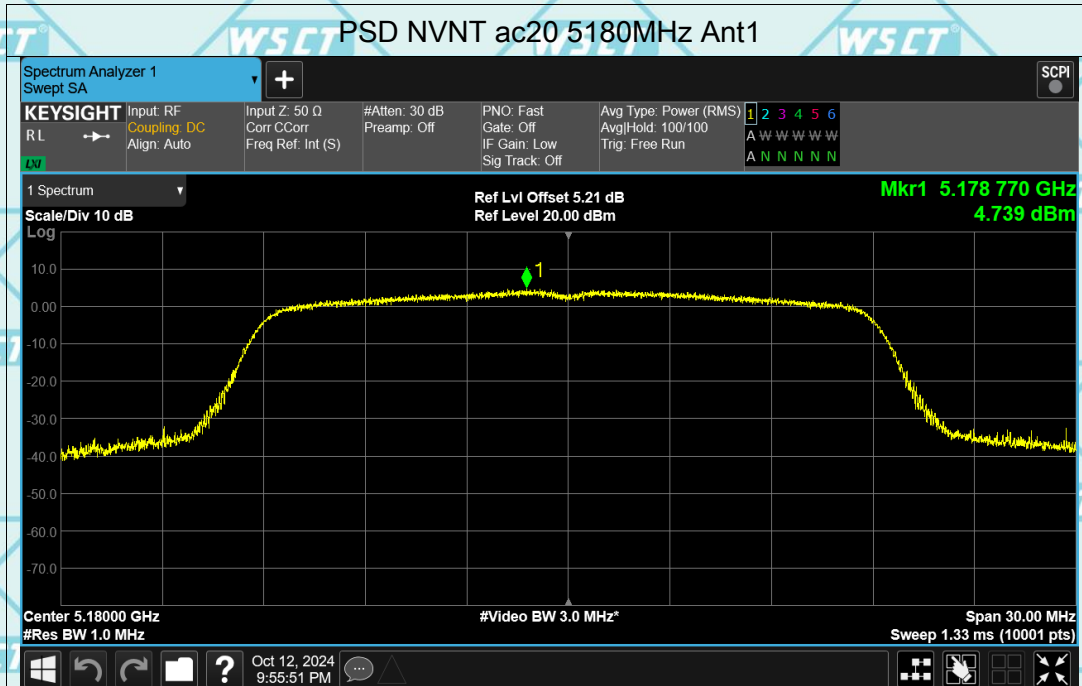
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



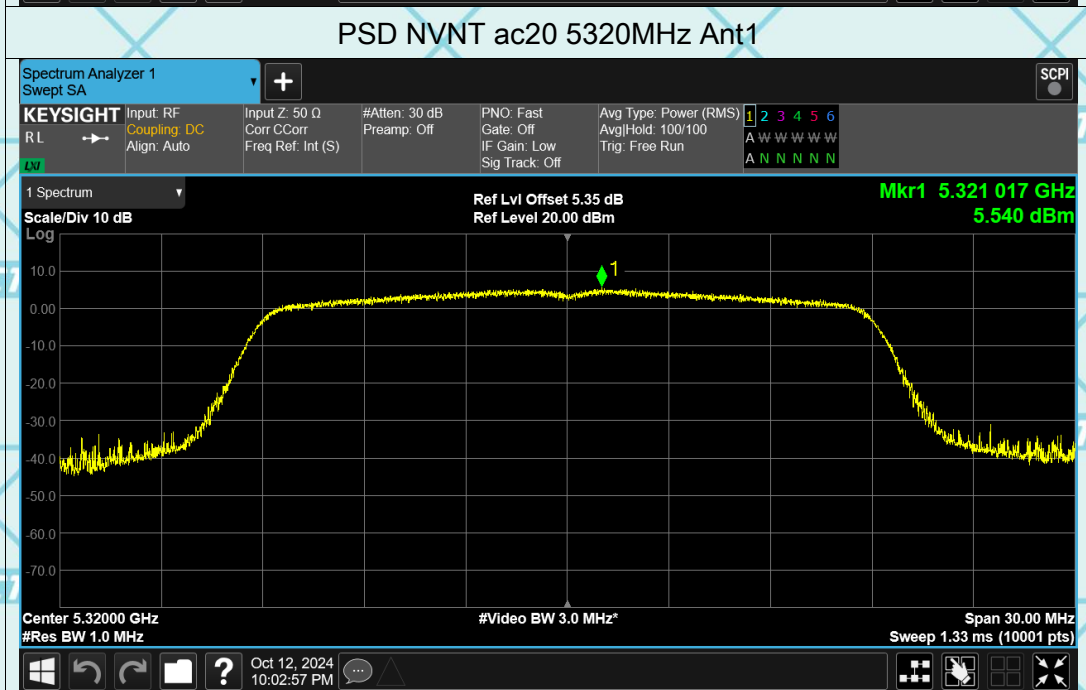
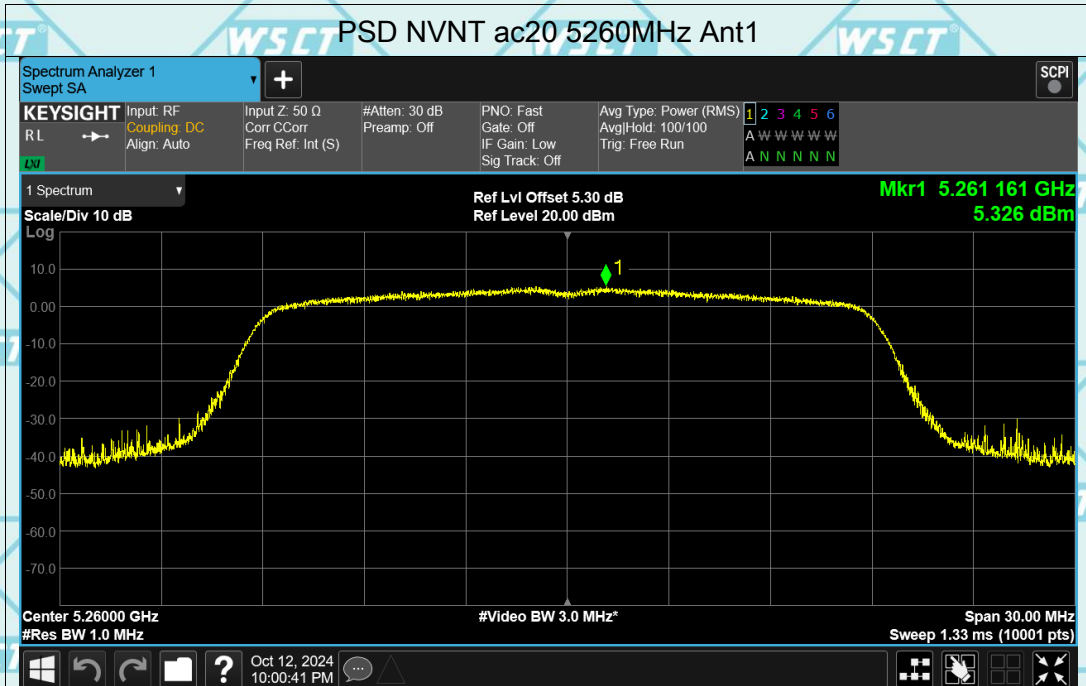
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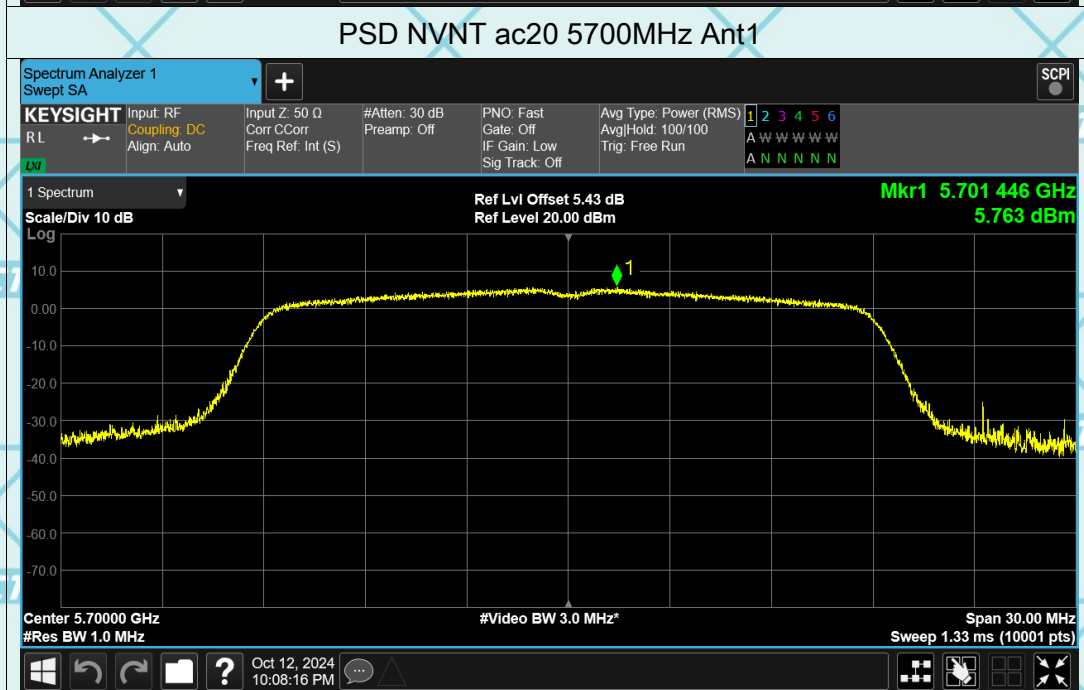
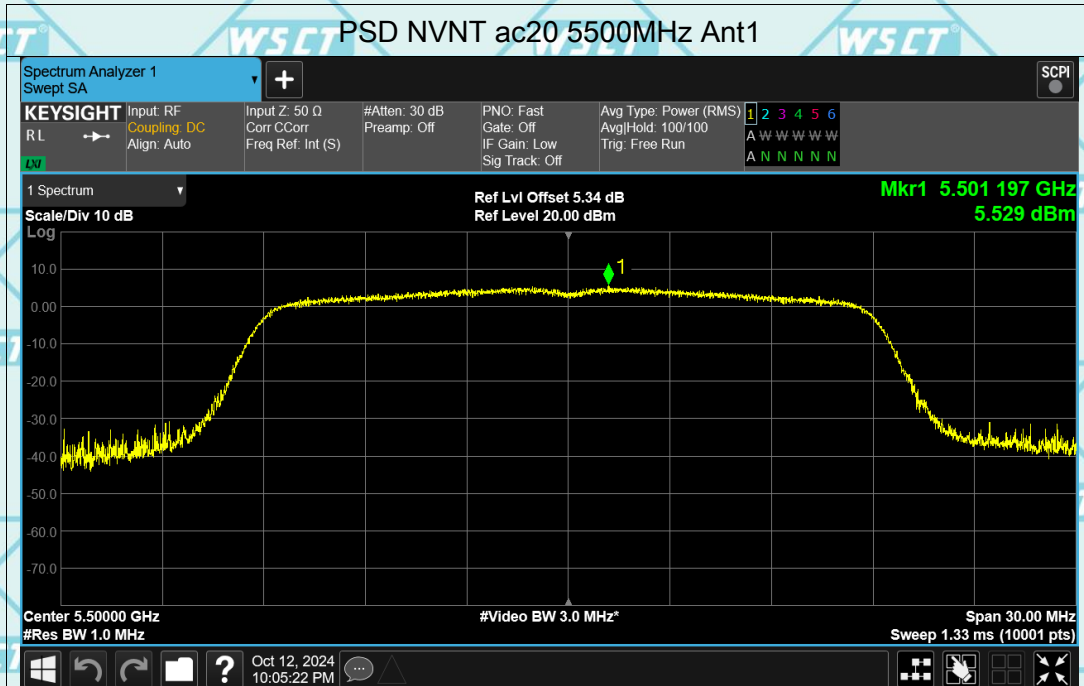
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



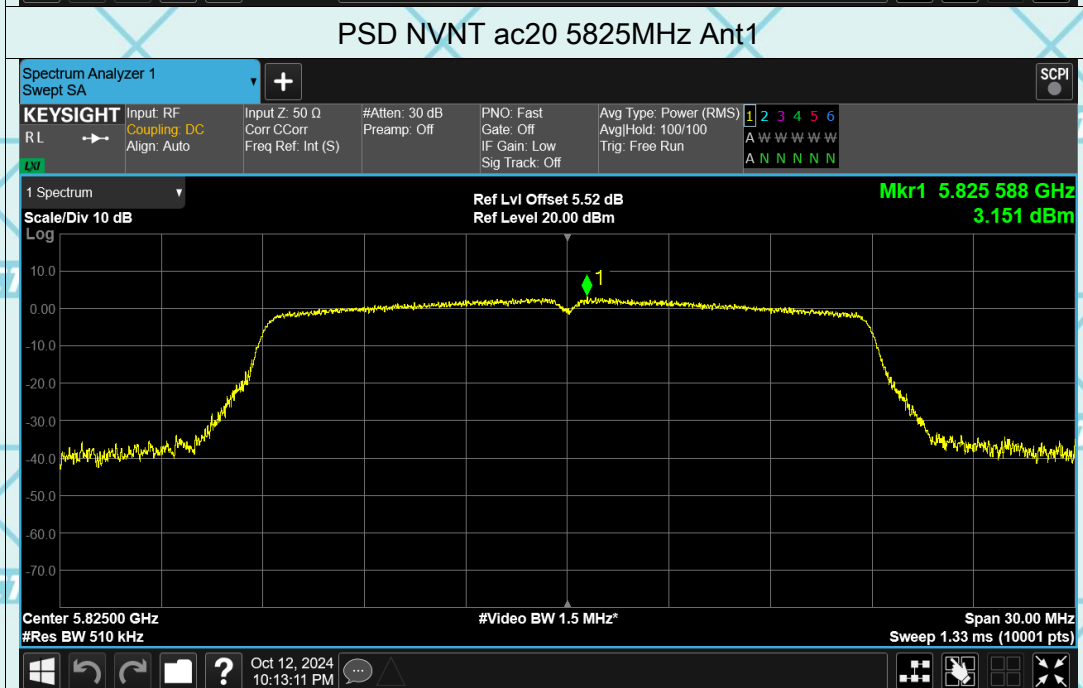
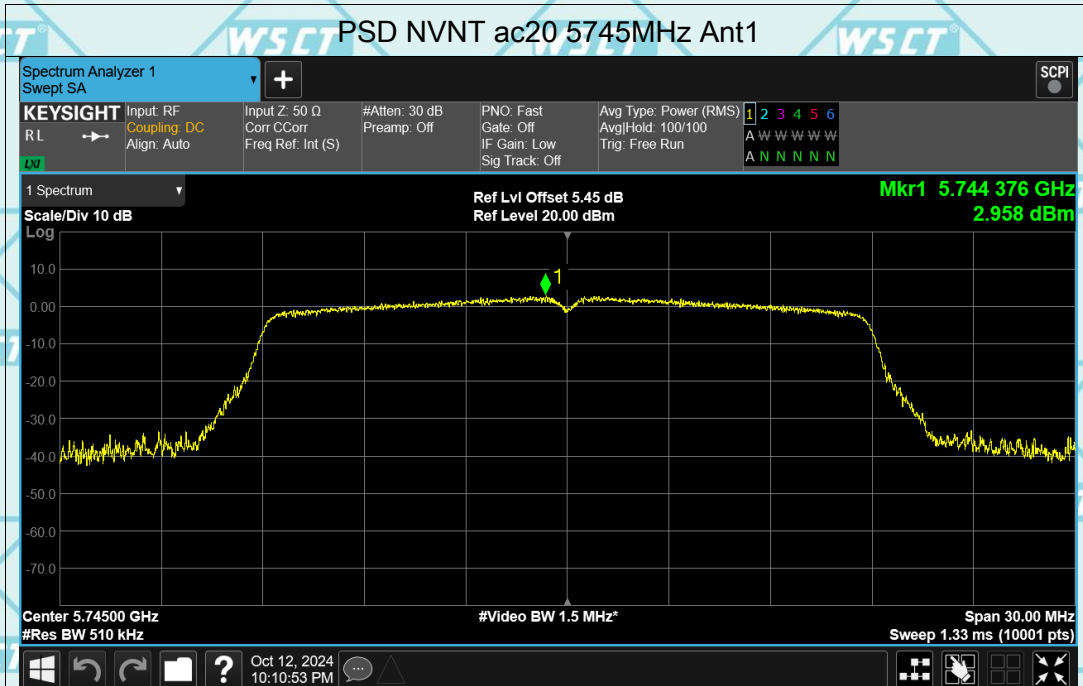
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



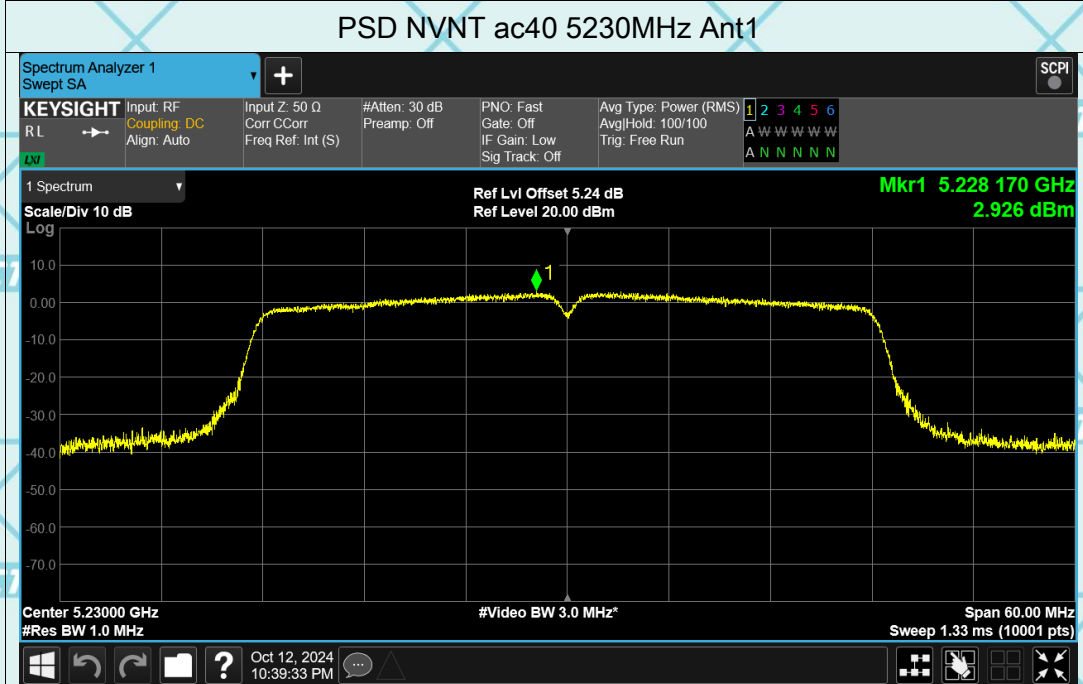
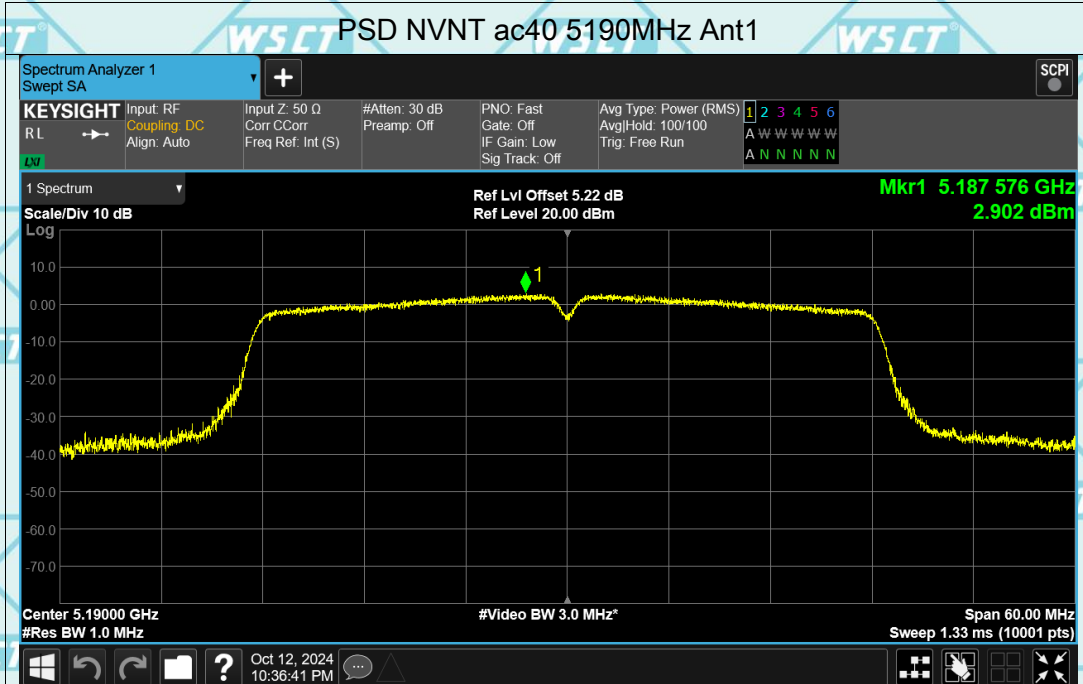
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



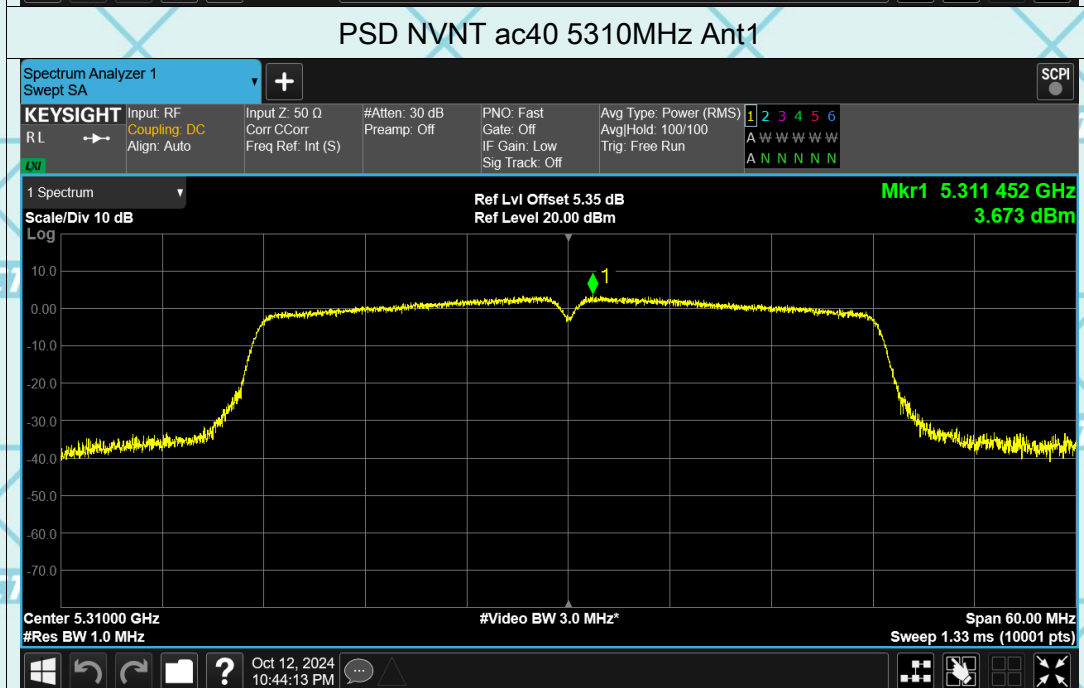
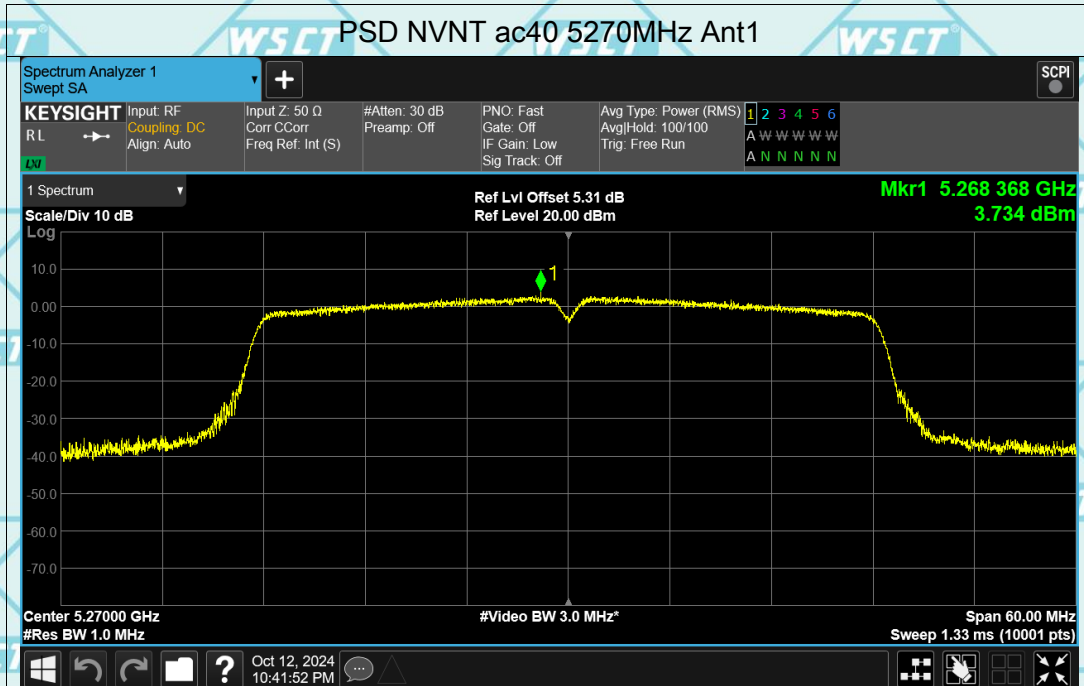
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



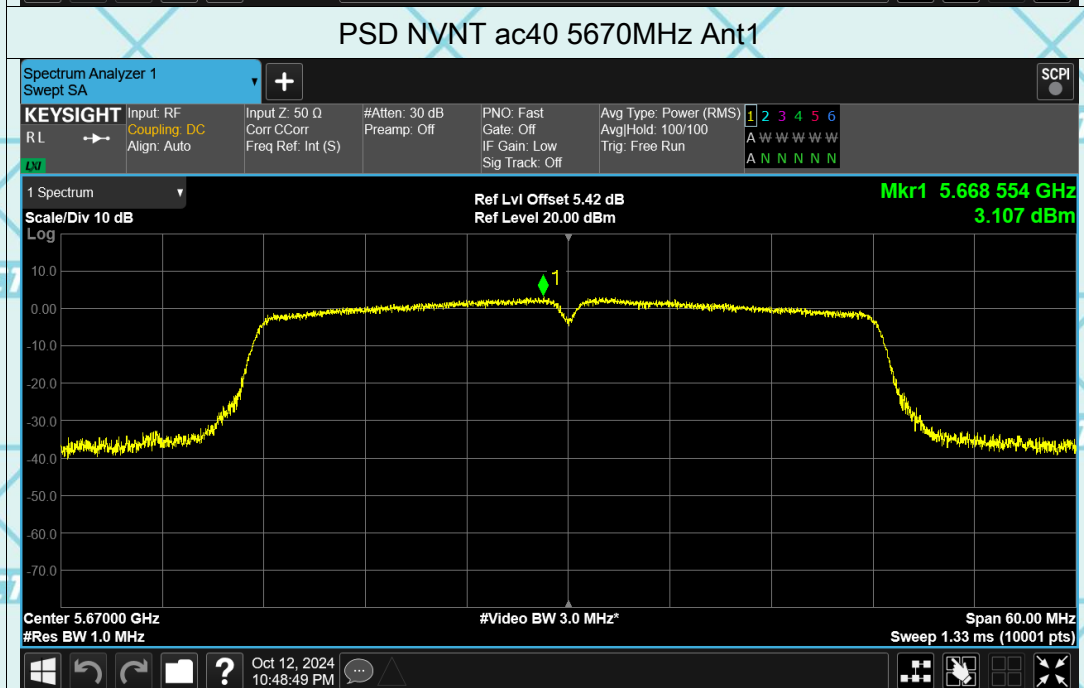
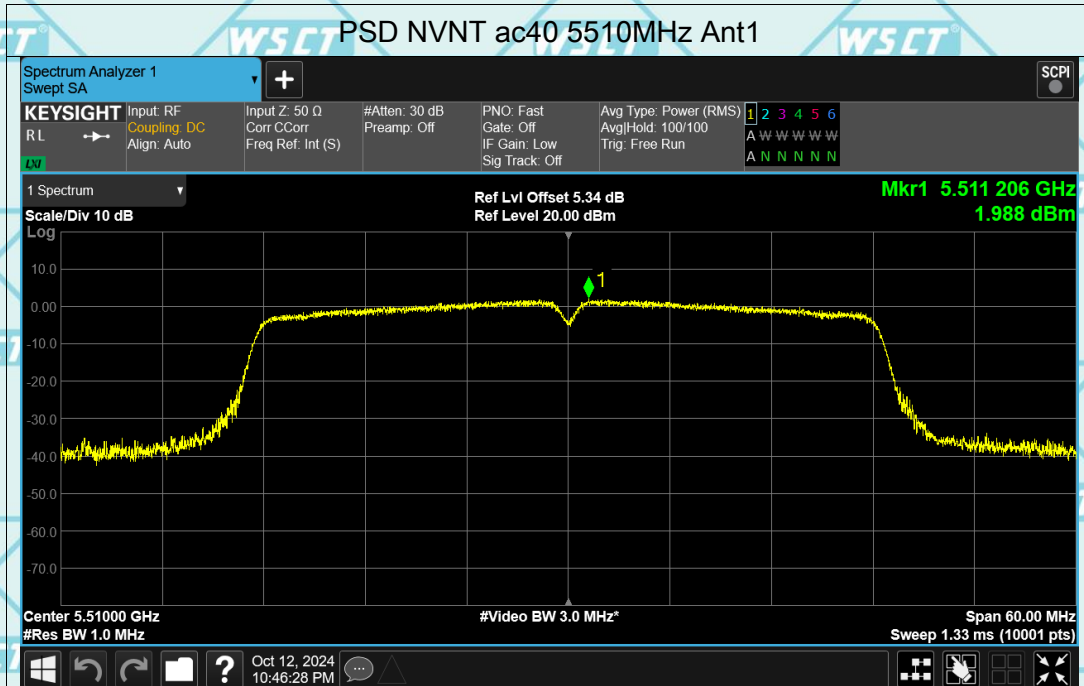
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



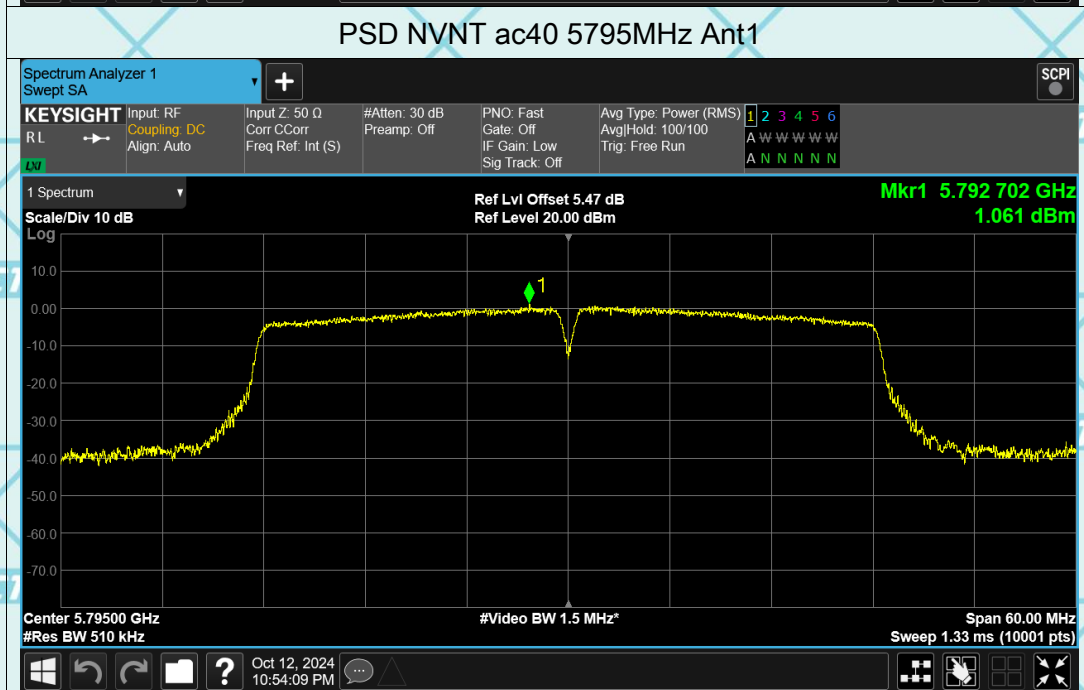
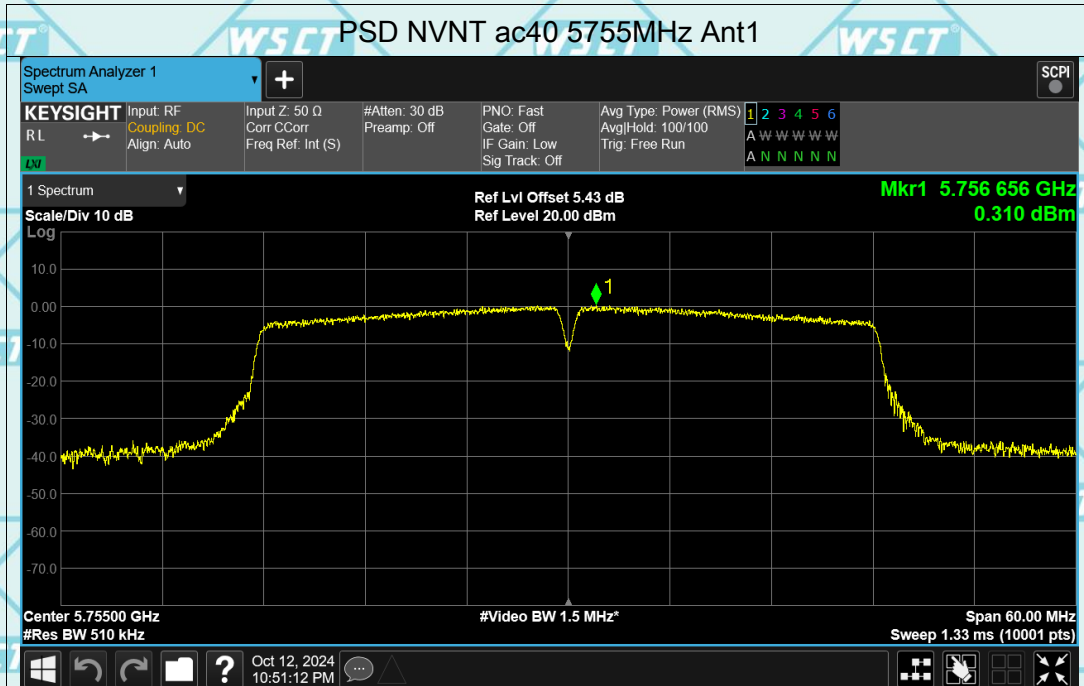
Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2



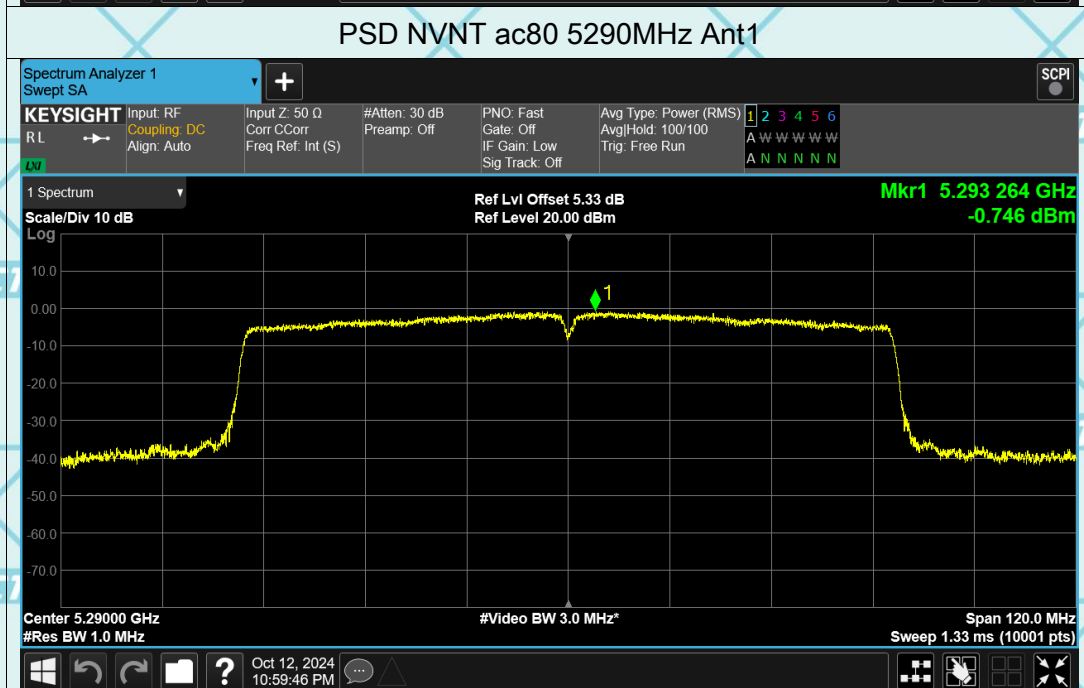
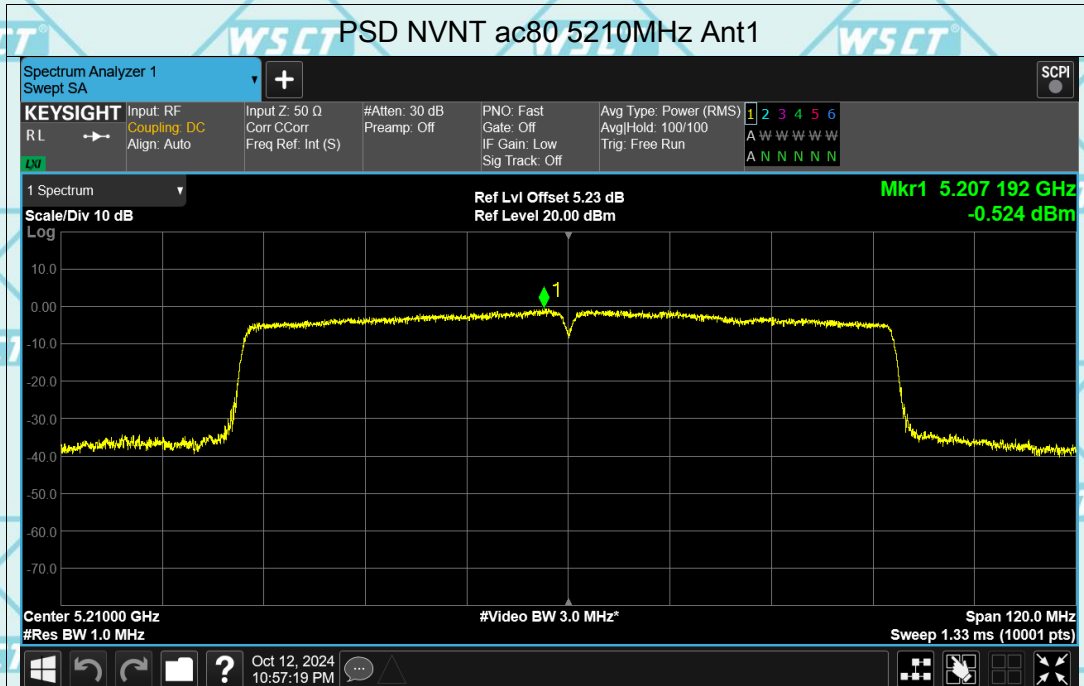
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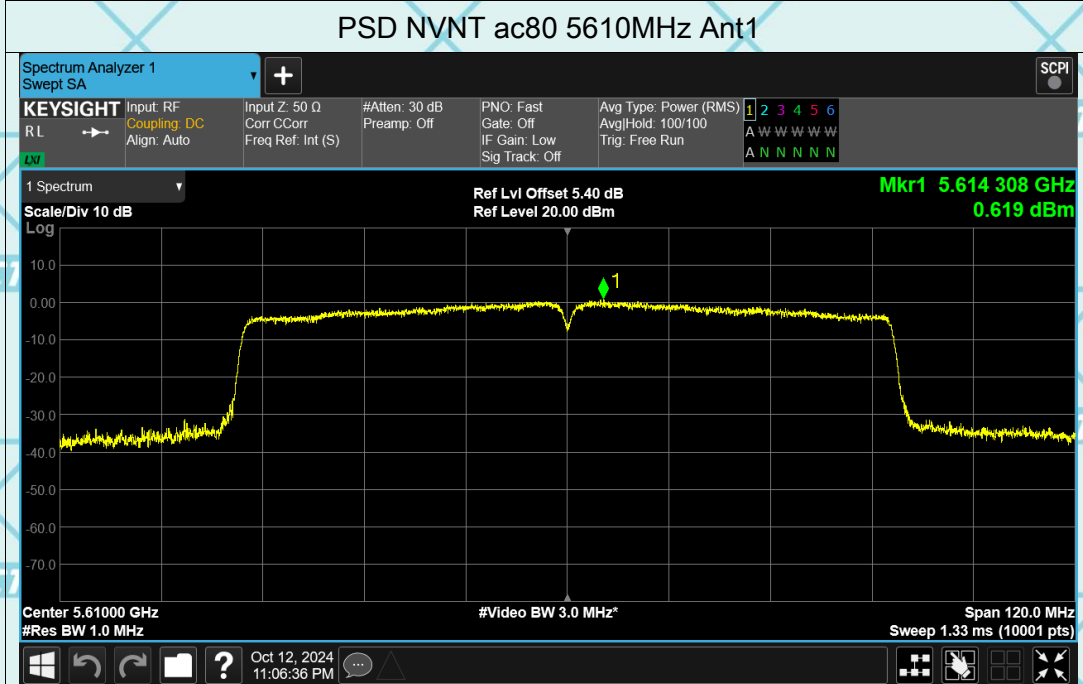
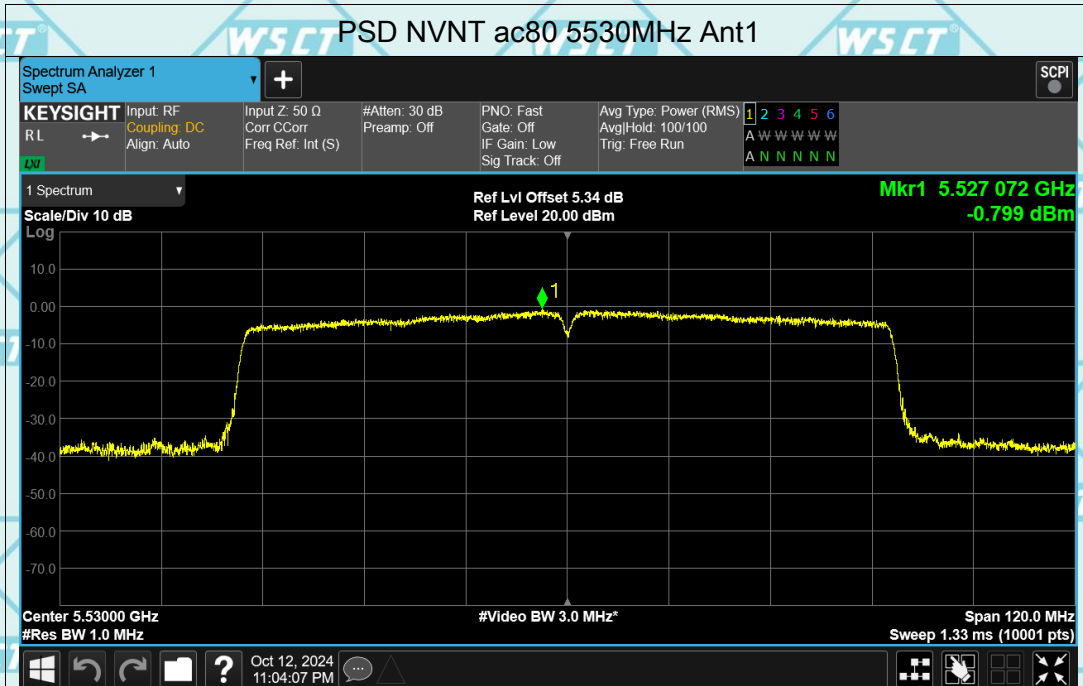
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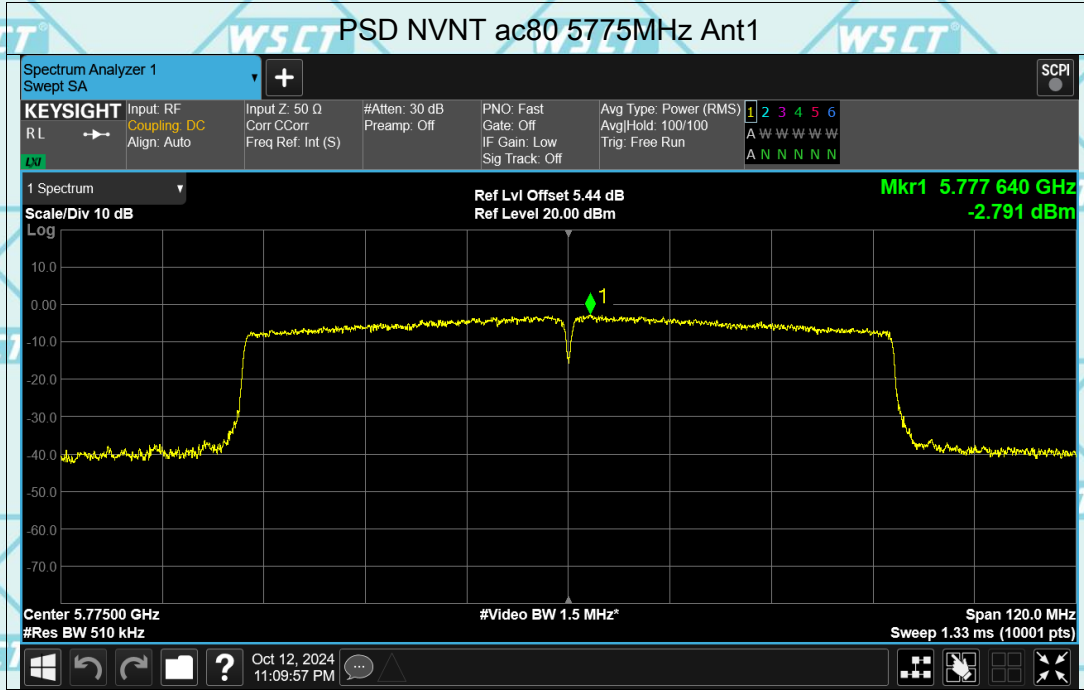
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7.8 FREQUENCY STABILITY

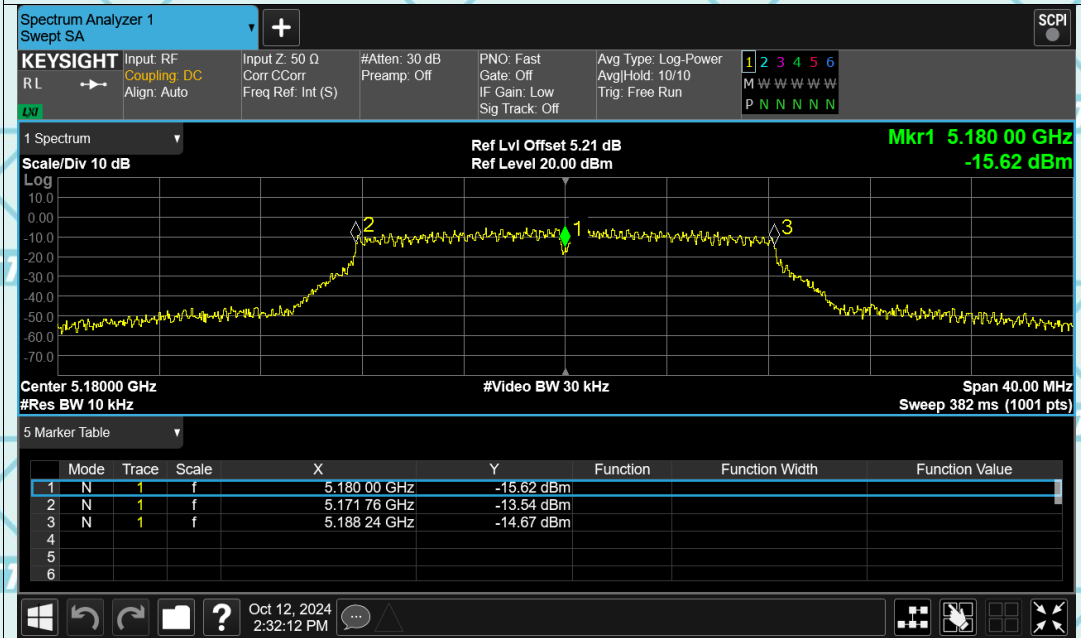
Product:	EUT-Sample	Test Item:	Frequency Stability
Temperature:	25 °C	Humidity:	56%RH
Test Voltage:	DC 3.85V	Test Result:	PASS

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	5259.98	-20000	-3.8	25	Pass
a	5320	5320	0	0	25	Pass
a	5500	5500	0	0	25	Pass
a	5700	5700	0	0	25	Pass
a	5745	5745	0	0	25	Pass
a	5825	5825	0	0	25	Pass
n20	5180	5180.02	20000	3.86	25	Pass
n20	5240	5240.04	40000	7.63	25	Pass
n20	5260	5259.98	-20000	-3.8	25	Pass
n20	5320	5320.02	20000	3.76	25	Pass
n20	5500	5499.98	-20000	-3.64	25	Pass
n20	5700	5700	0	0	25	Pass
n20	5745	5744.98	-20000	-3.48	25	Pass
n20	5825	5825	0	0	25	Pass
n40	5190	5189.96	-40000	-7.71	25	Pass
n40	5230	5230	0	0	25	Pass
n40	5270	5270	0	0	25	Pass
n40	5310	5310	0	0	25	Pass
n40	5510	5509.96	-40000	-7.26	25	Pass
n40	5670	5669.96	-40000	-7.05	25	Pass
n40	5755	5755	0	0	25	Pass
n40	5795	5795	0	0	25	Pass
ac20	5180	5180	0	0	25	Pass
ac20	5240	5240	0	0	25	Pass
ac20	5260	5260	0	0	25	Pass
ac20	5320	5320	0	0	25	Pass
ac20	5500	5500.02	20000	3.64	25	Pass
ac20	5700	5699.98	-20000	-3.51	25	Pass
ac20	5745	5745	0	0	25	Pass
ac20	5825	5825	0	0	25	Pass
ac40	5190	5190	0	0	25	Pass
ac40	5230	5230	0	0	25	Pass
ac40	5270	5270	0	0	25	Pass
ac40	5310	5309.96	-40000	-7.53	25	Pass
ac40	5510	5509.96	-40000	-7.26	25	Pass
ac40	5670	5670	0	0	25	Pass
ac40	5755	5754.96	-40000	-6.95	25	Pass
ac40	5795	5795	0	0	25	Pass
ac80	5210	5210	0	0	25	Pass
ac80	5290	5290	0	0	25	Pass
ac80	5530	5530	0	0	25	Pass
ac80	5610	5610	0	0	25	Pass
ac80	5775	5775	0	0	25	Pass

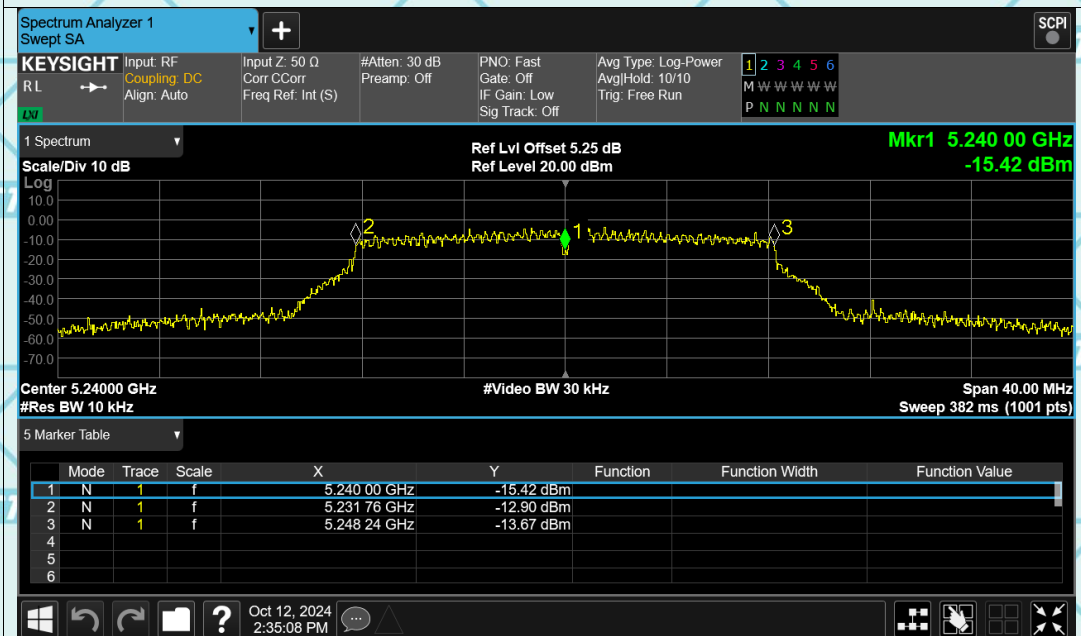
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Test Graphs

Freq. Stability NVNT a 5180MHz Ant1 0 Minutes

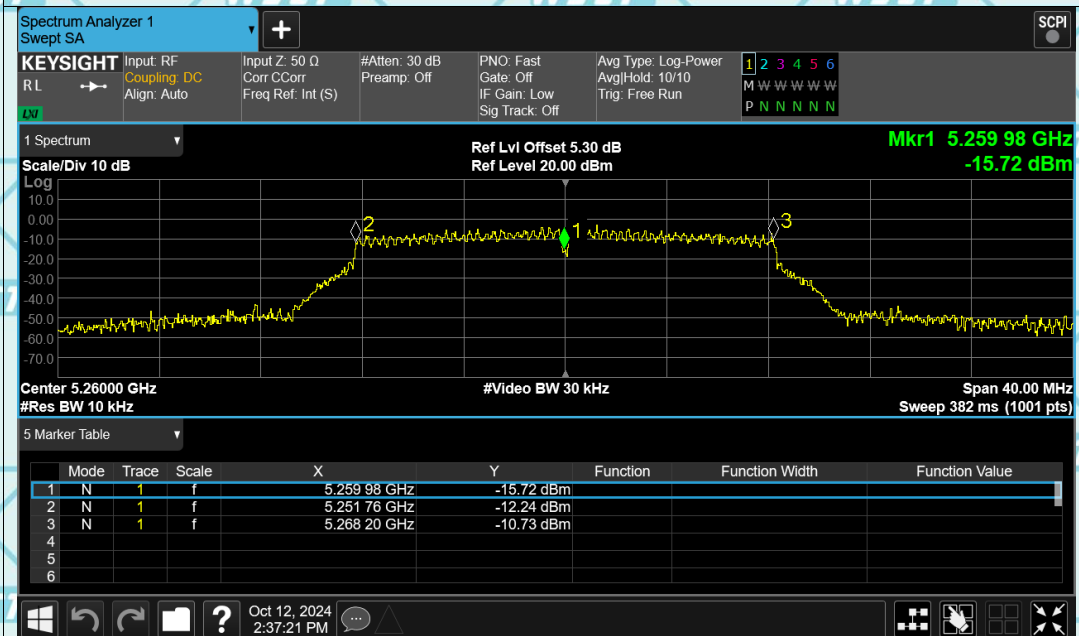


Freq. Stability NVNT a 5240MHz Ant1 0 Minutes

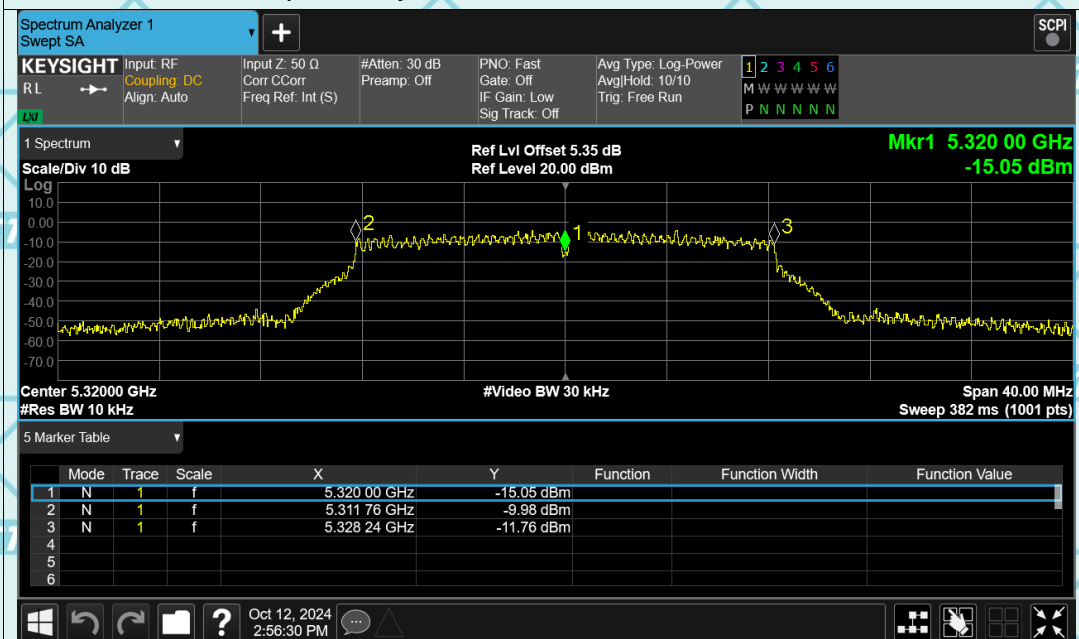


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Freq. Stability NVNT a 5260MHz Ant1 0 Minutes

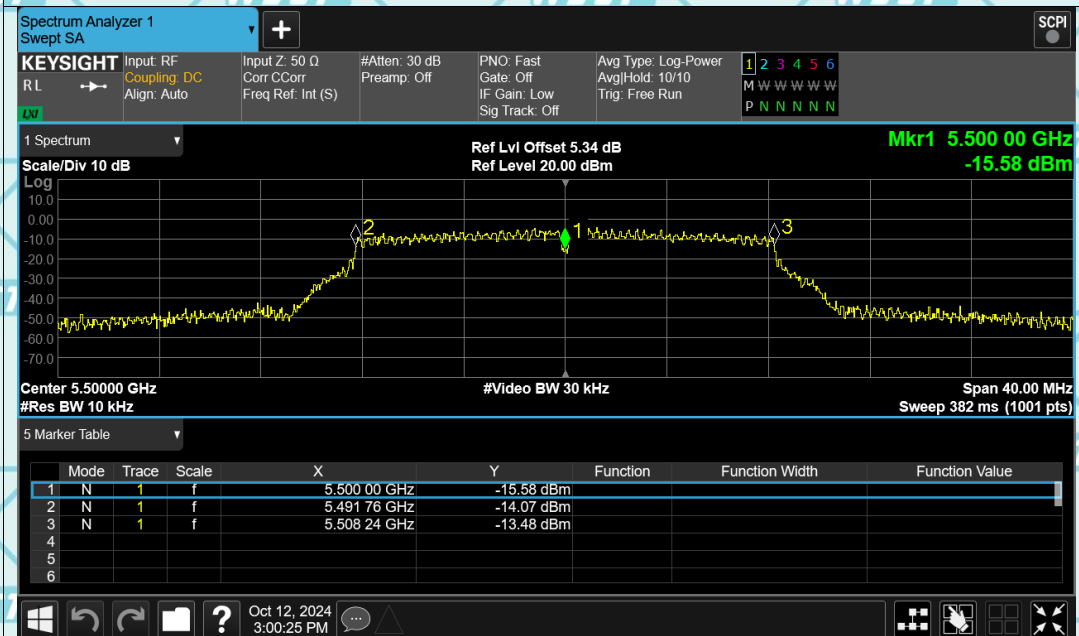


Freq. Stability NVNT a 5320MHz Ant1 0 Minutes

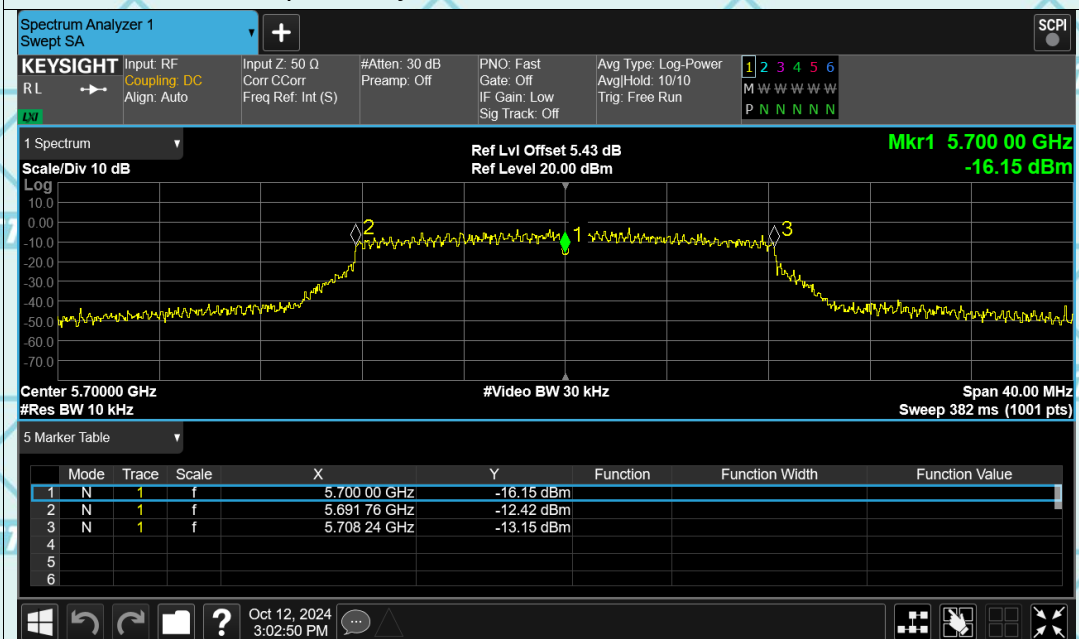


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Freq. Stability NVNT a 5500MHz Ant1 0 Minutes

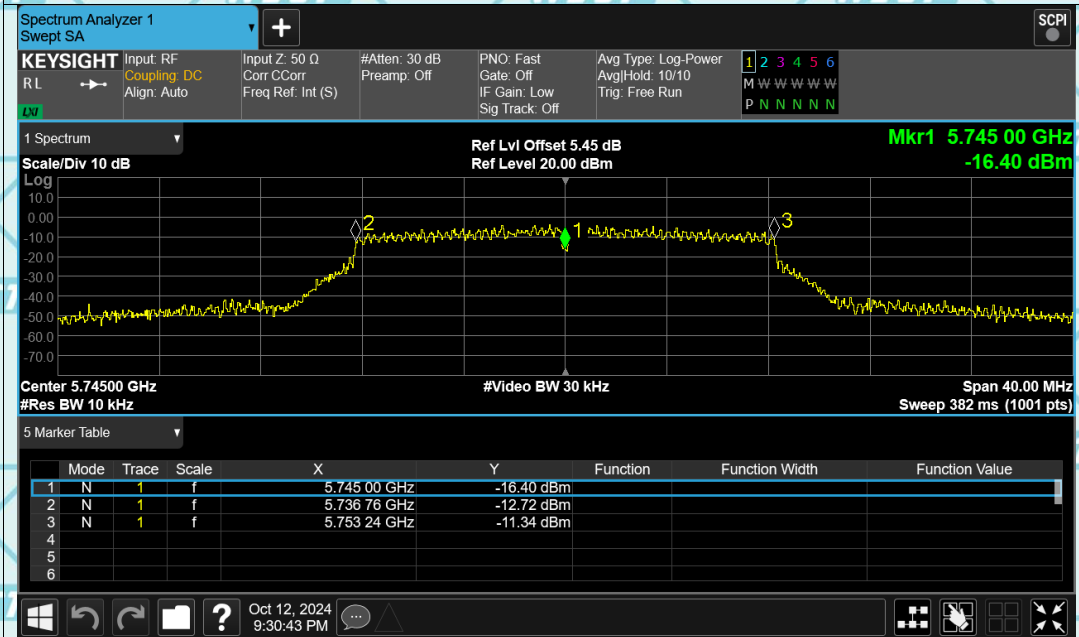


Freq. Stability NVNT a 5700MHz Ant1 0 Minutes

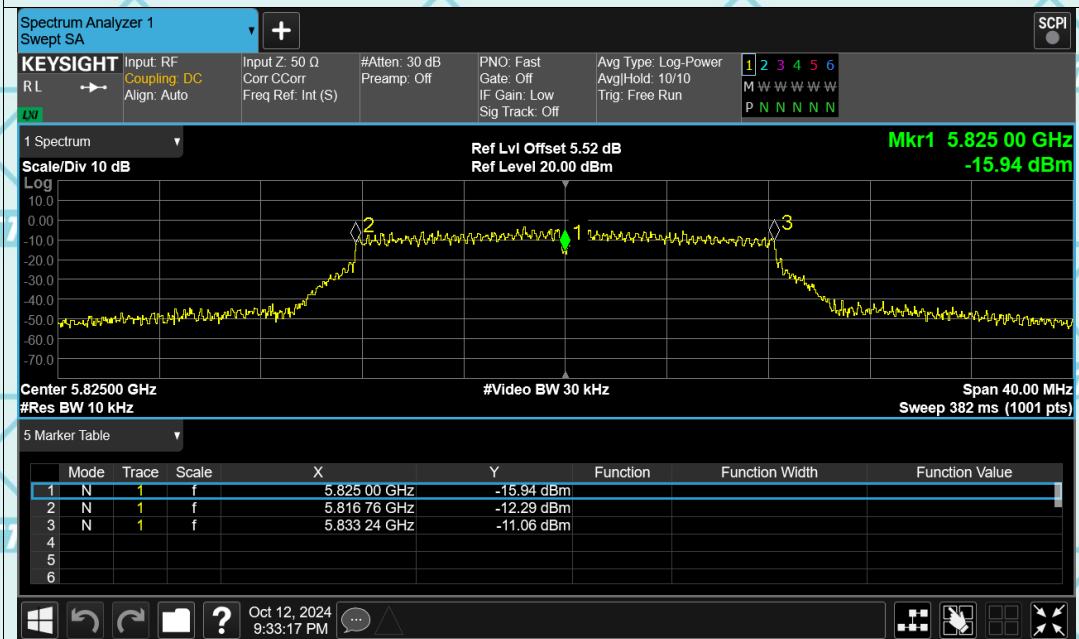


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Freq. Stability NVNT a 5745MHz Ant1 0 Minutes

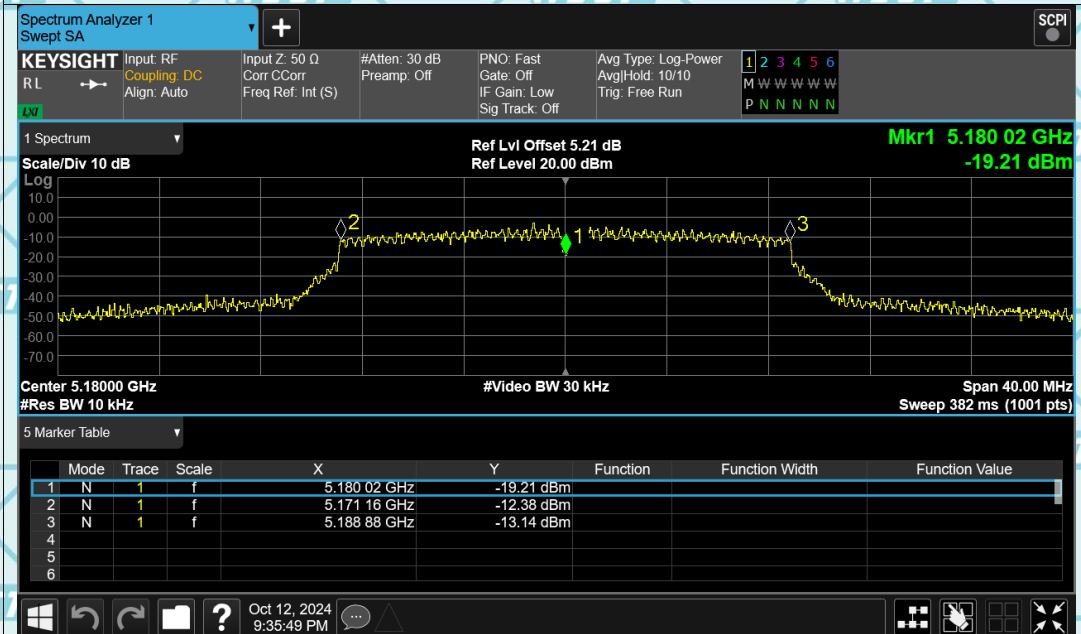


Freq. Stability NVNT a 5825MHz Ant1 0 Minutes

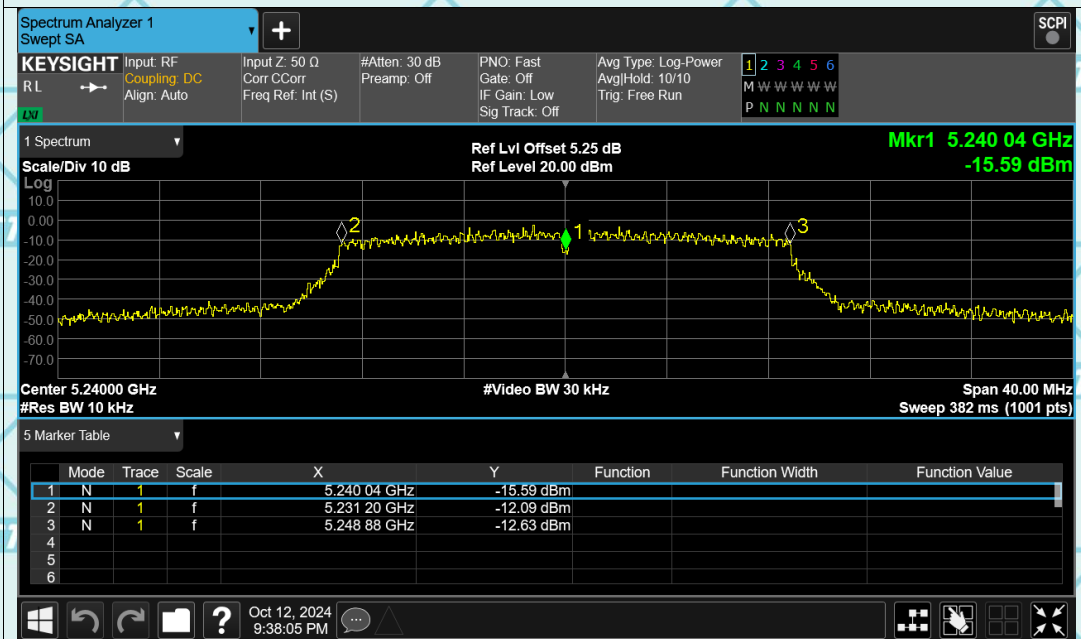


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Freq. Stability NVNT n20 5180MHz Ant1 0 Minutes

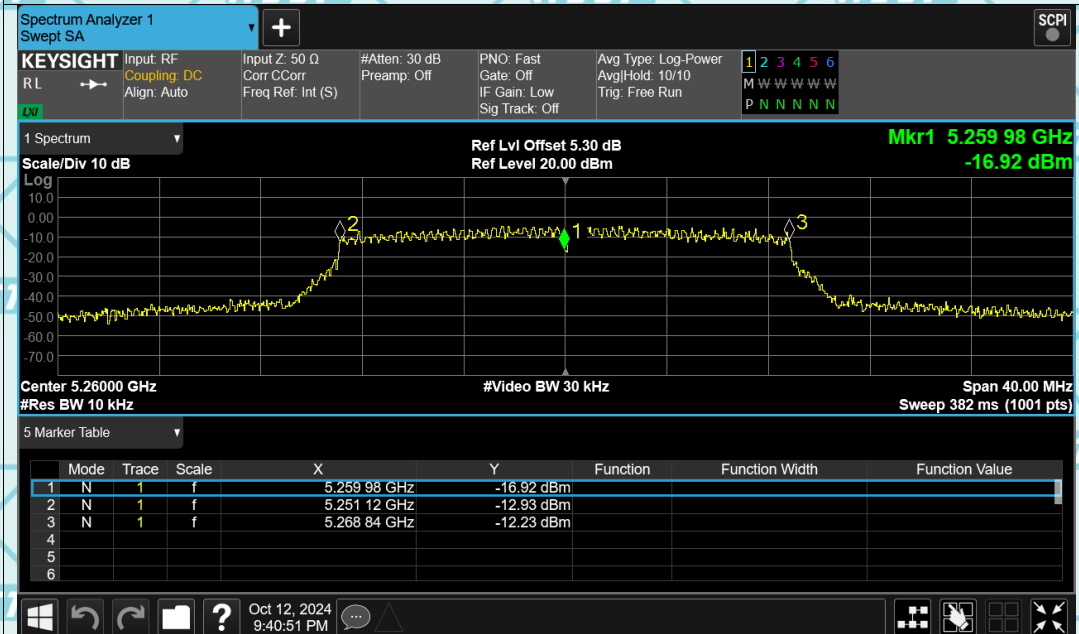


Freq. Stability NVNT n20 5240MHz Ant1 0 Minutes

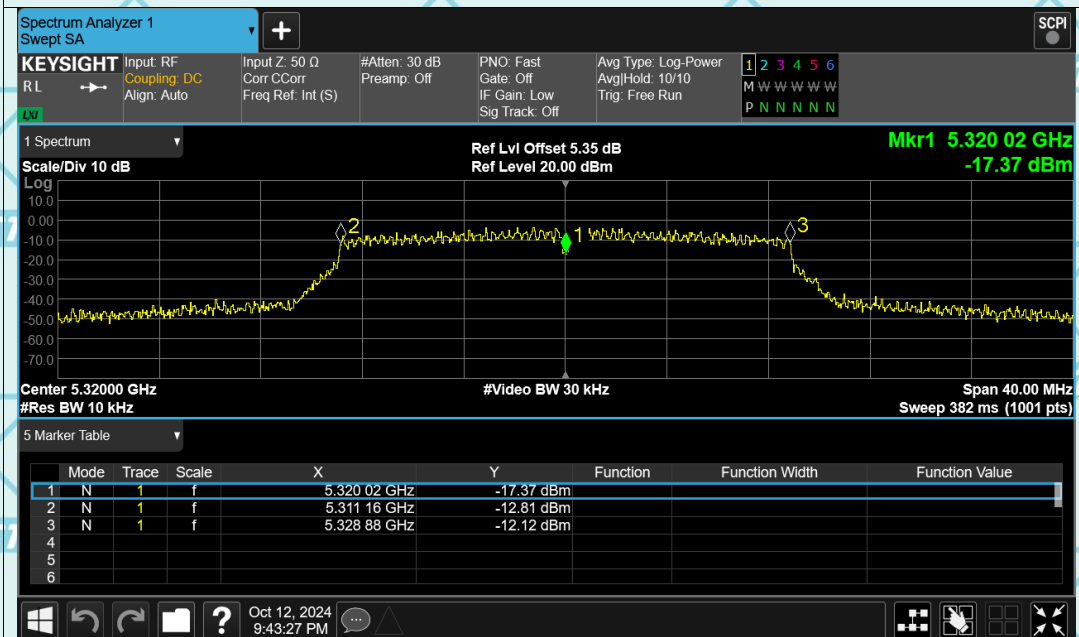


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Freq. Stability NVNT n20 5260MHz Ant1 0 Minutes

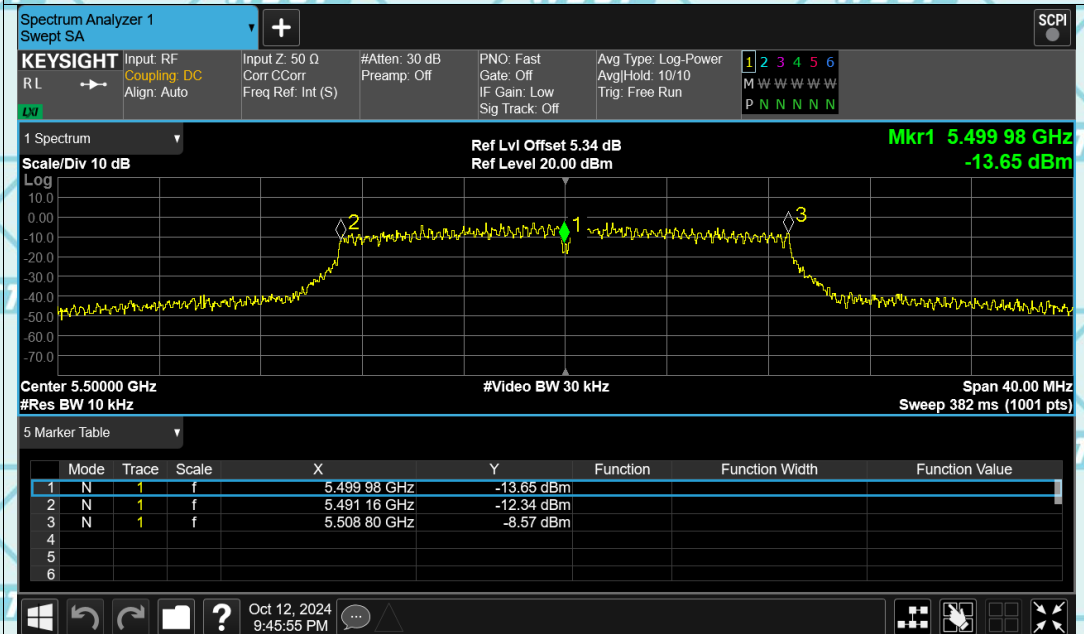


Freq. Stability NVNT n20 5320MHz Ant1 0 Minutes



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Freq. Stability NVNT n20 5500MHz Ant1 0 Minutes

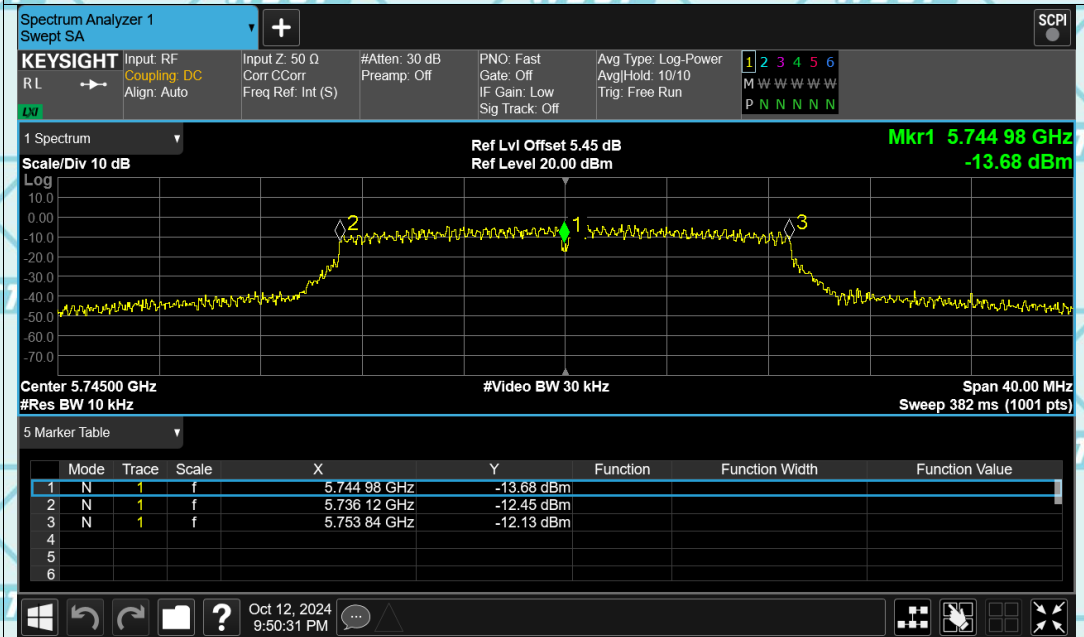


Freq. Stability NVNT n20 5700MHz Ant1 0 Minutes

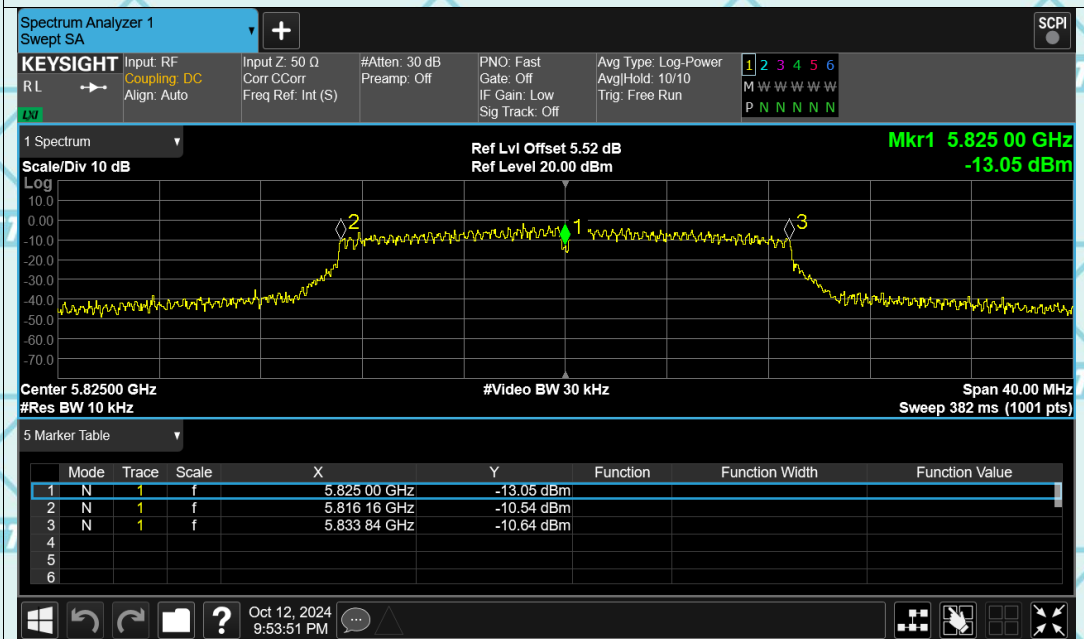


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Freq. Stability NVNT n20 5745MHz Ant1 0 Minutes

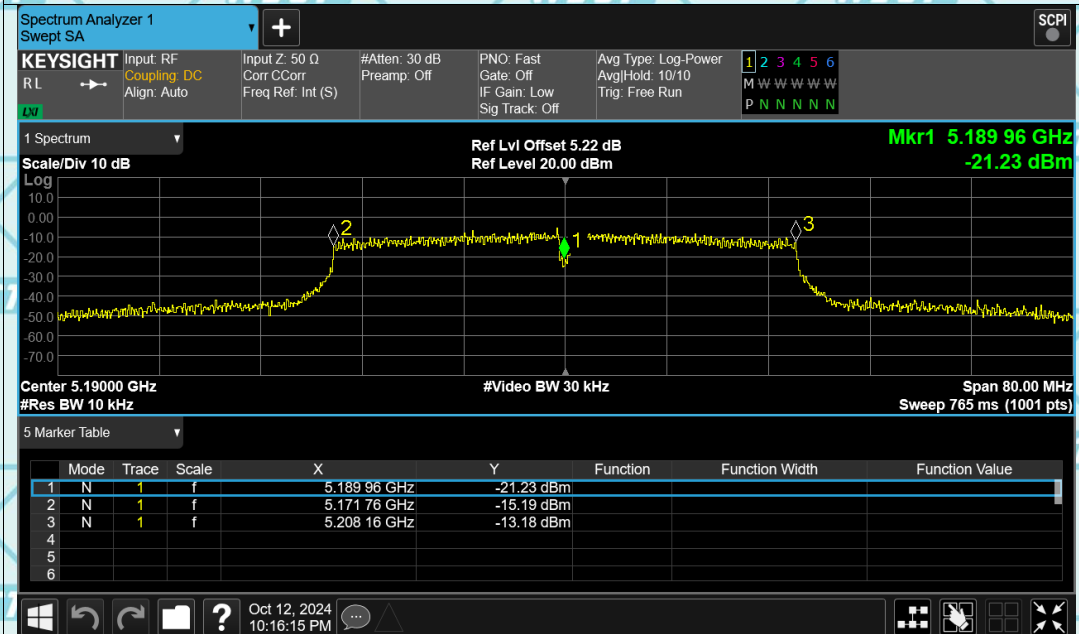


Freq. Stability NVNT n20 5825MHz Ant1 0 Minutes

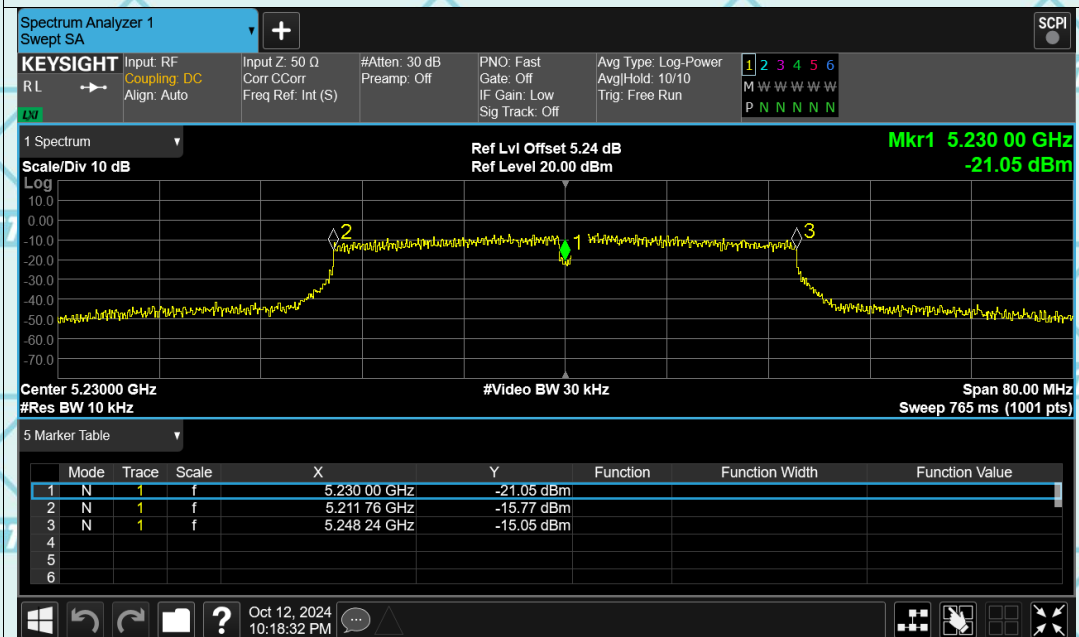


Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Freq. Stability NVNT n40 5190MHz Ant1 0 Minutes

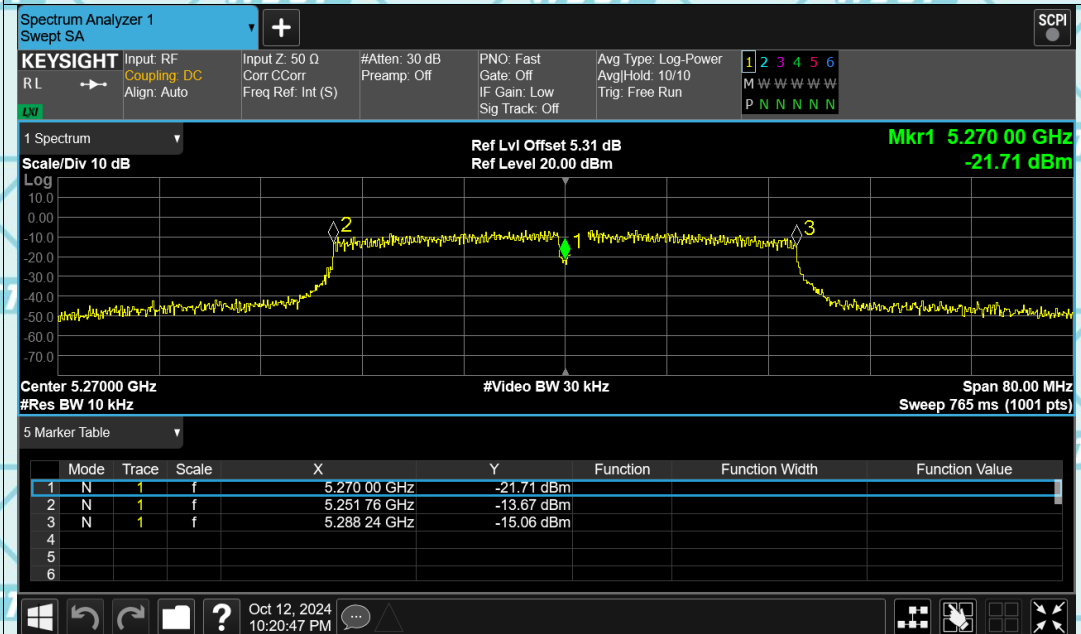


Freq. Stability NVNT n40 5230MHz Ant1 0 Minutes

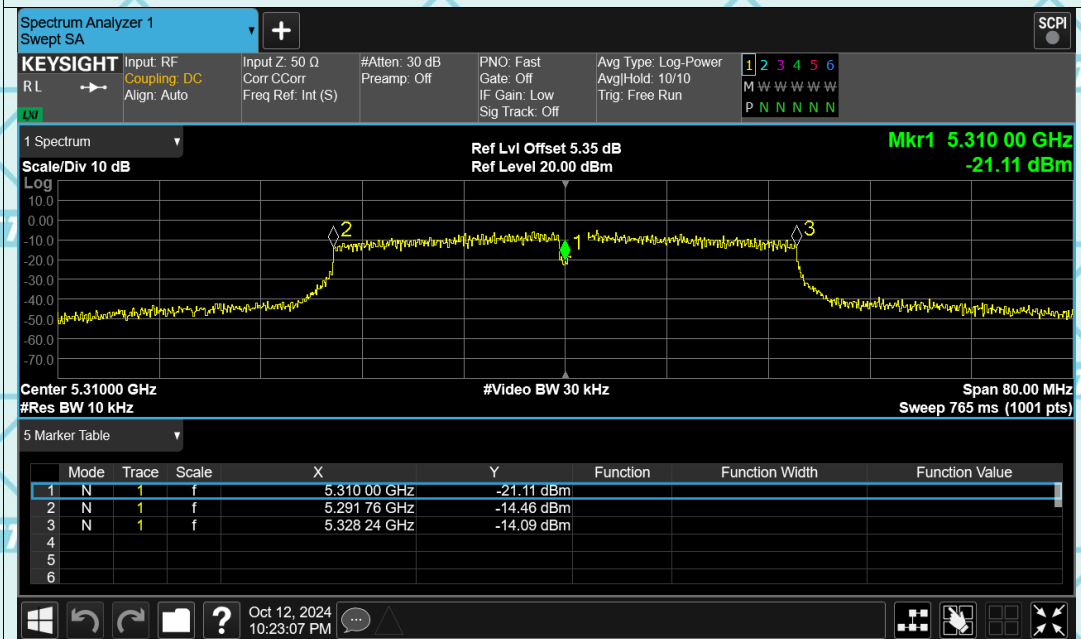


Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Freq. Stability NVNT n40 5270MHz Ant1 0 Minutes

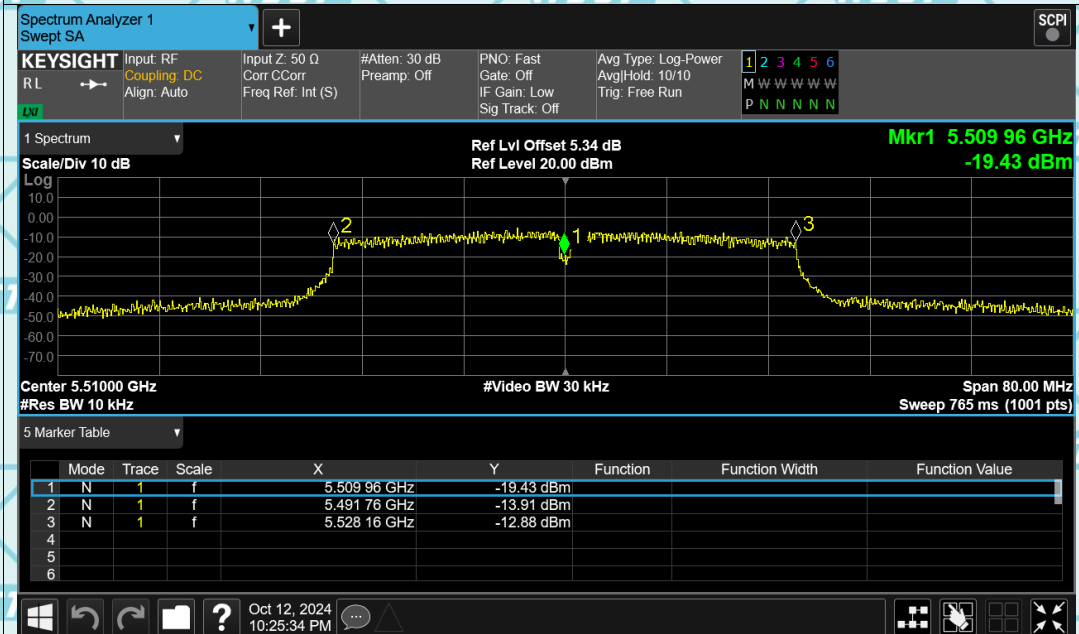


Freq. Stability NVNT n40 5310MHz Ant1 0 Minutes

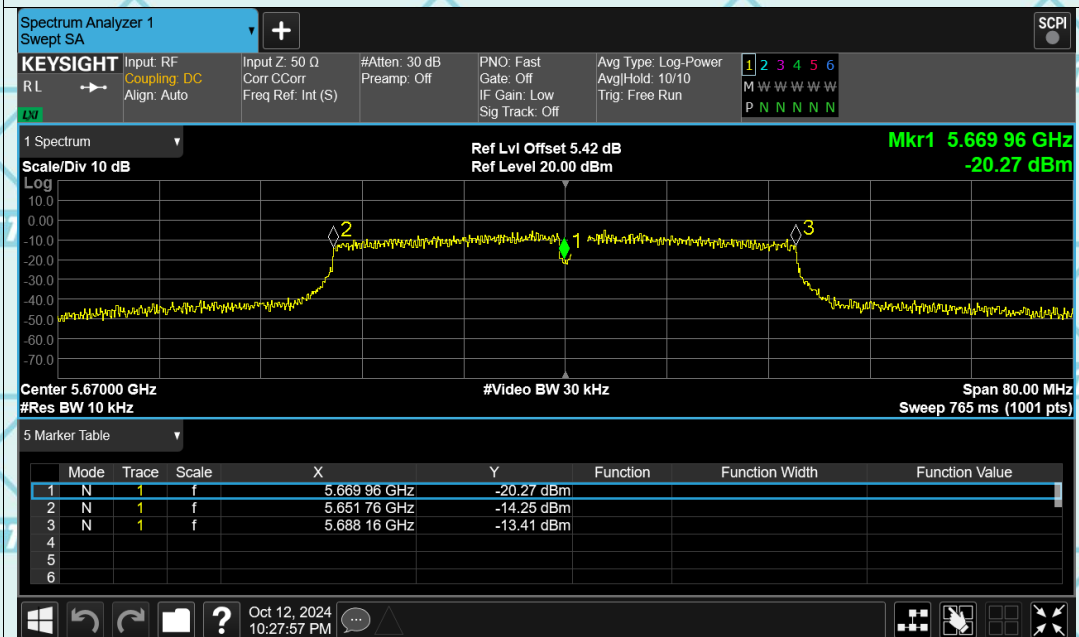


Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Freq. Stability NVNT n40 5510MHz Ant1 0 Minutes

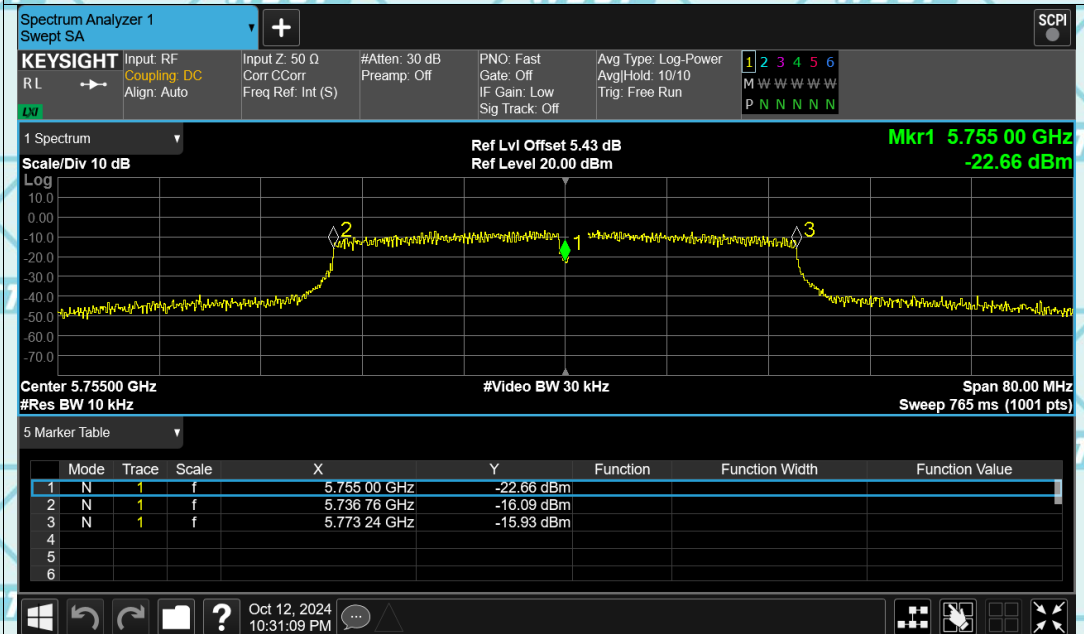


Freq. Stability NVNT n40 5670MHz Ant1 0 Minutes



Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Freq. Stability NVNT n40 5755MHz Ant1 0 Minutes

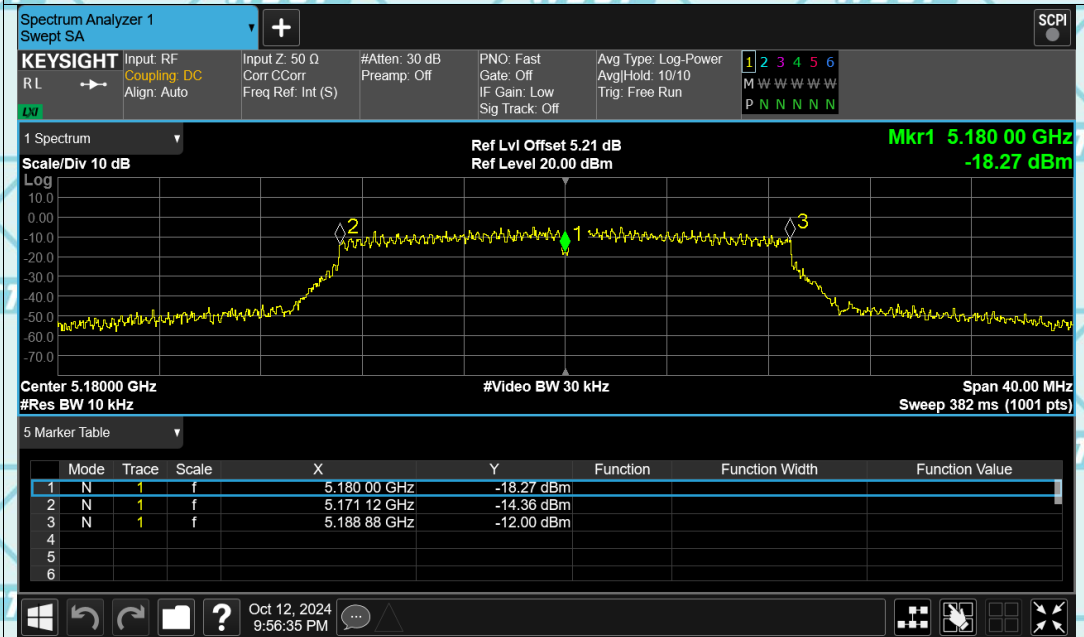


Freq. Stability NVNT n40 5795MHz Ant1 0 Minutes

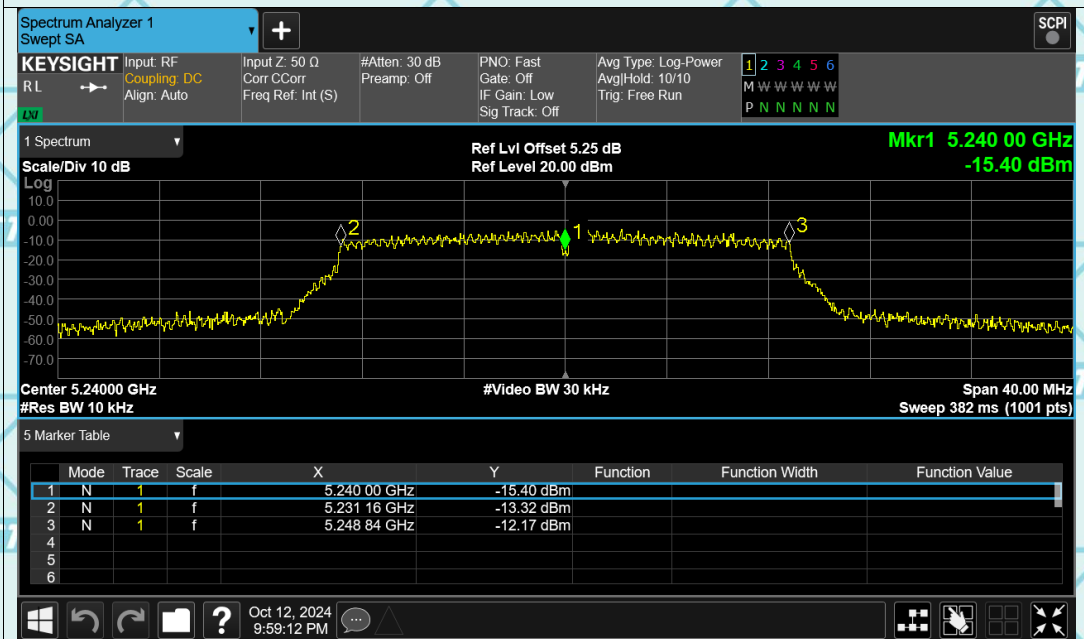


Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

Freq. Stability NVNT ac20 5180MHz Ant1 0 Minutes



Freq. Stability NVNT ac20 5240MHz Ant1 0 Minutes



Report No.: WSCT-ANAB-R&E241100056A-Wi-Fi2

