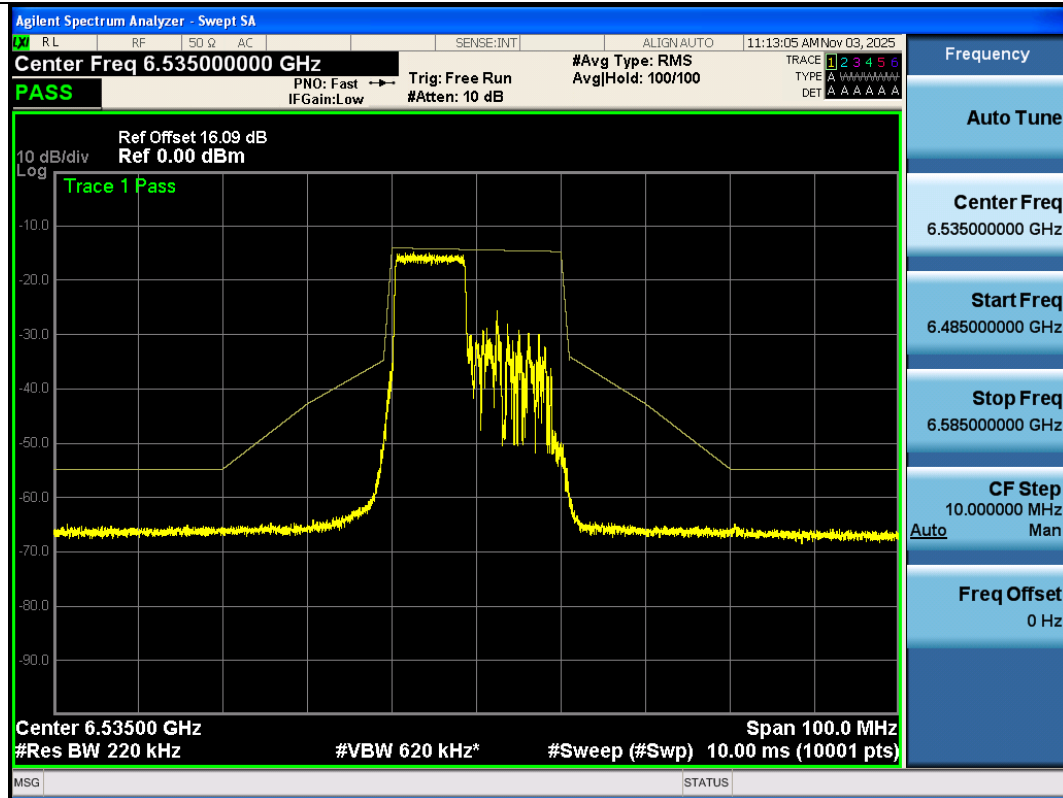
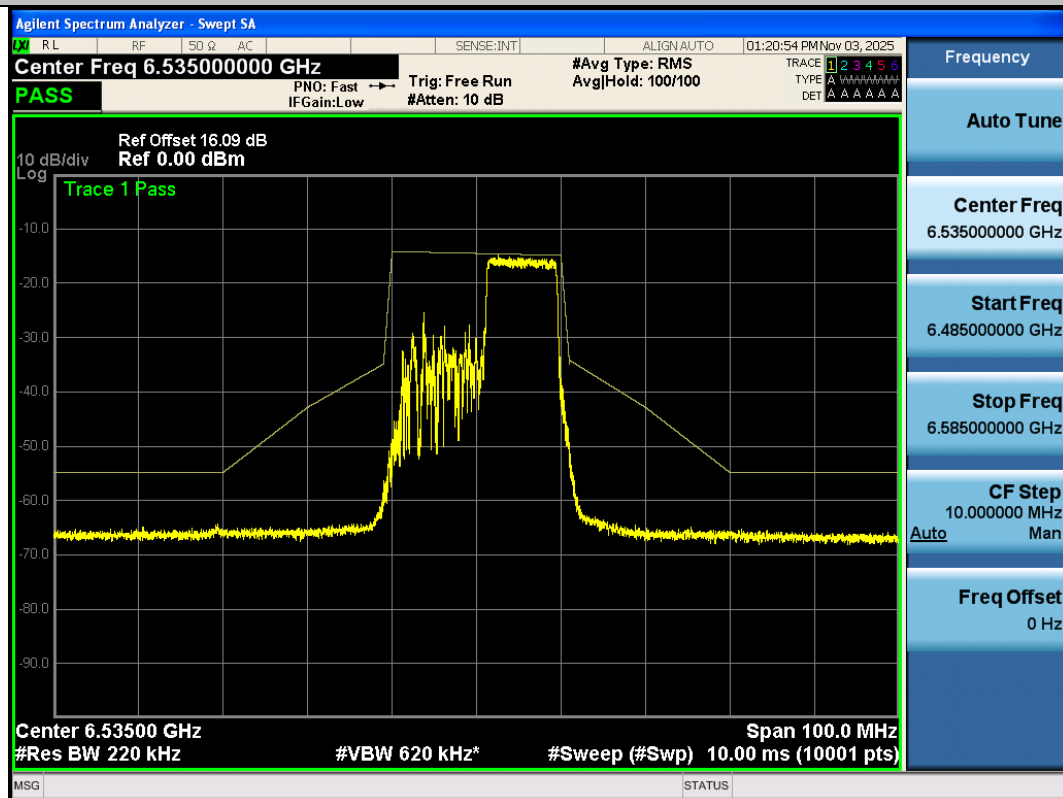
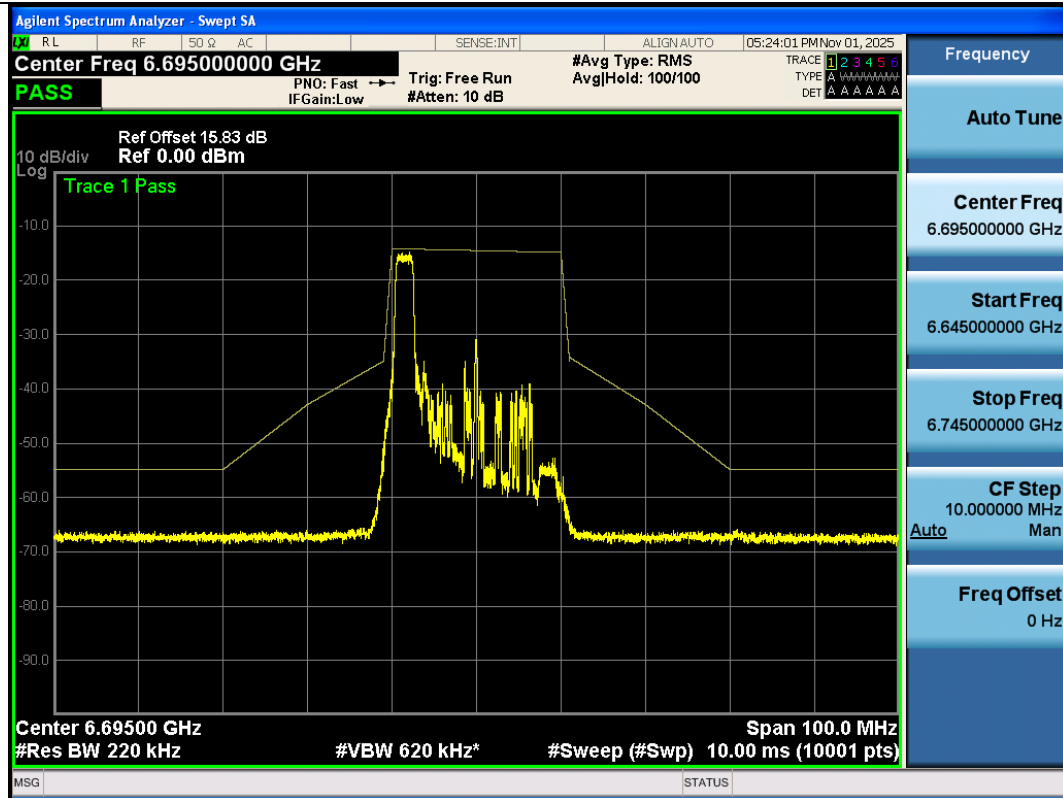




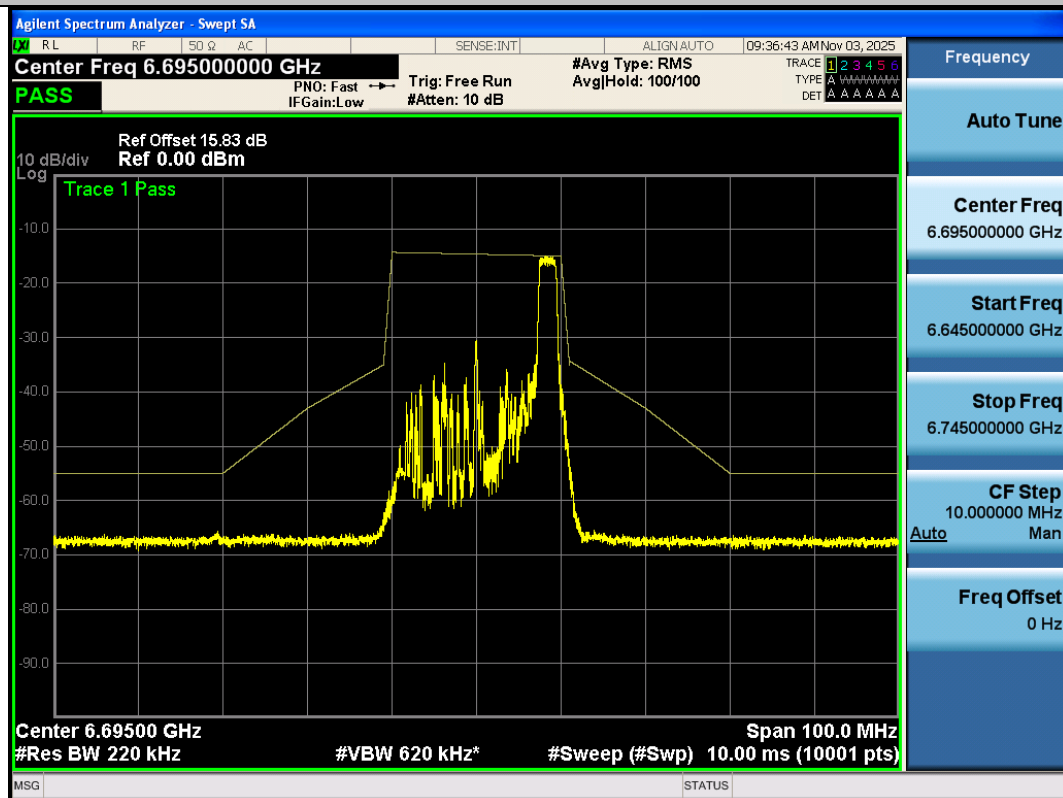
NTNV-11AX20SISO-Ant3-6535-106Tone-RU53-PASS



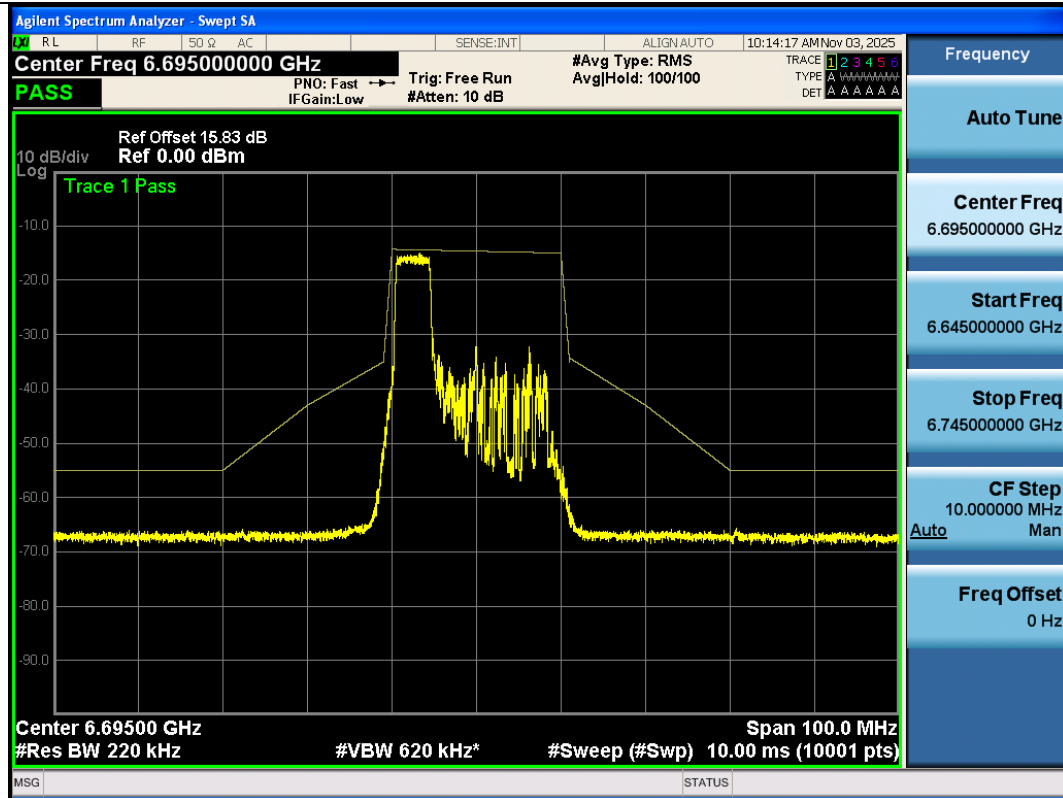
NTNV-11AX20SISO-Ant3-6535-106Tone-RU54-PASS



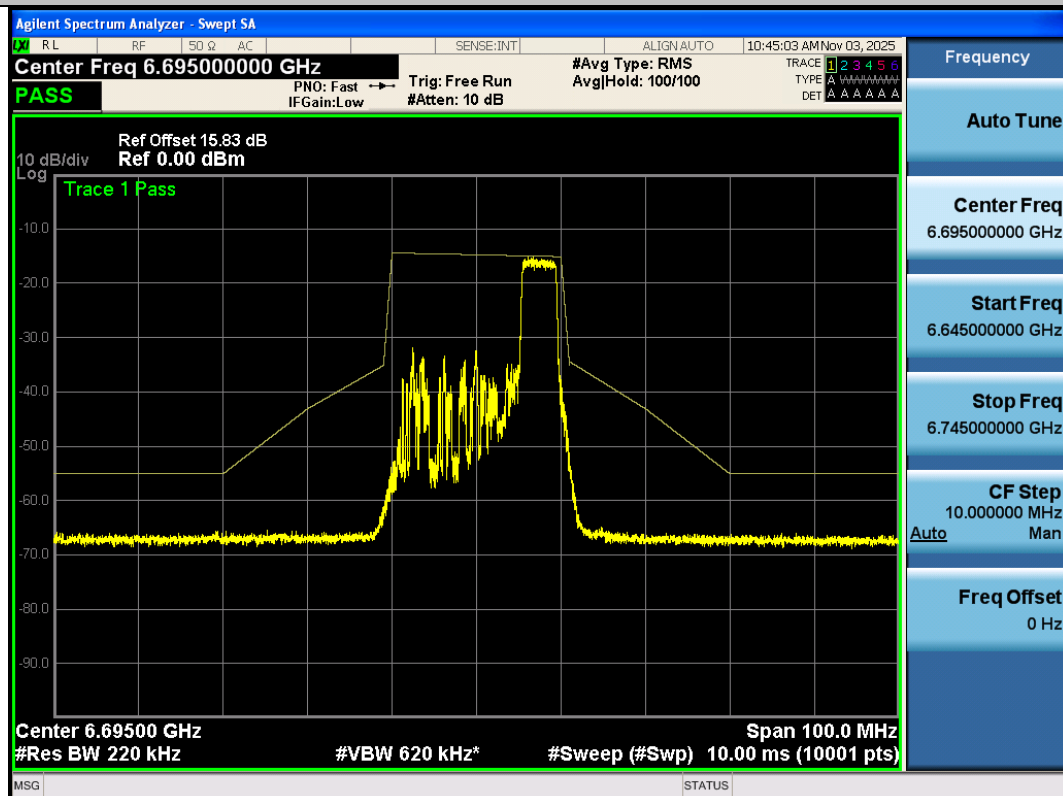
NTNV-11AX20SISO-Ant3-6695-26Tone-RU0-PASS



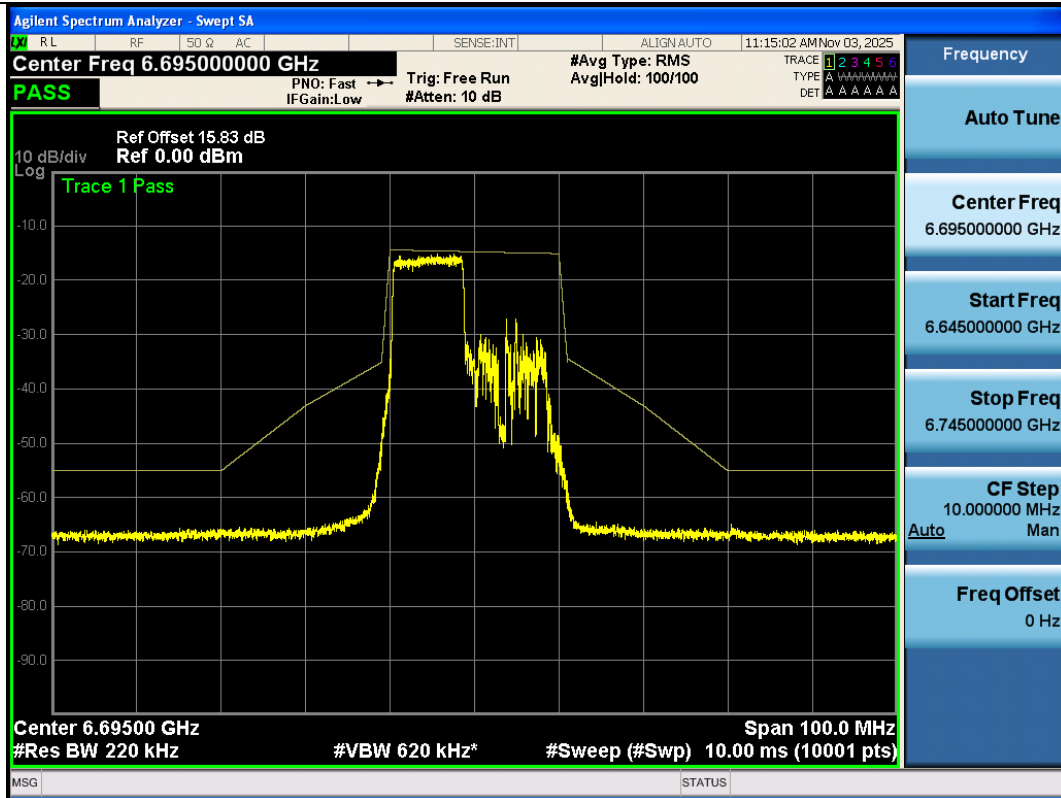
NTNV-11AX20SISO-Ant3-6695-26Tone-RU8-PASS



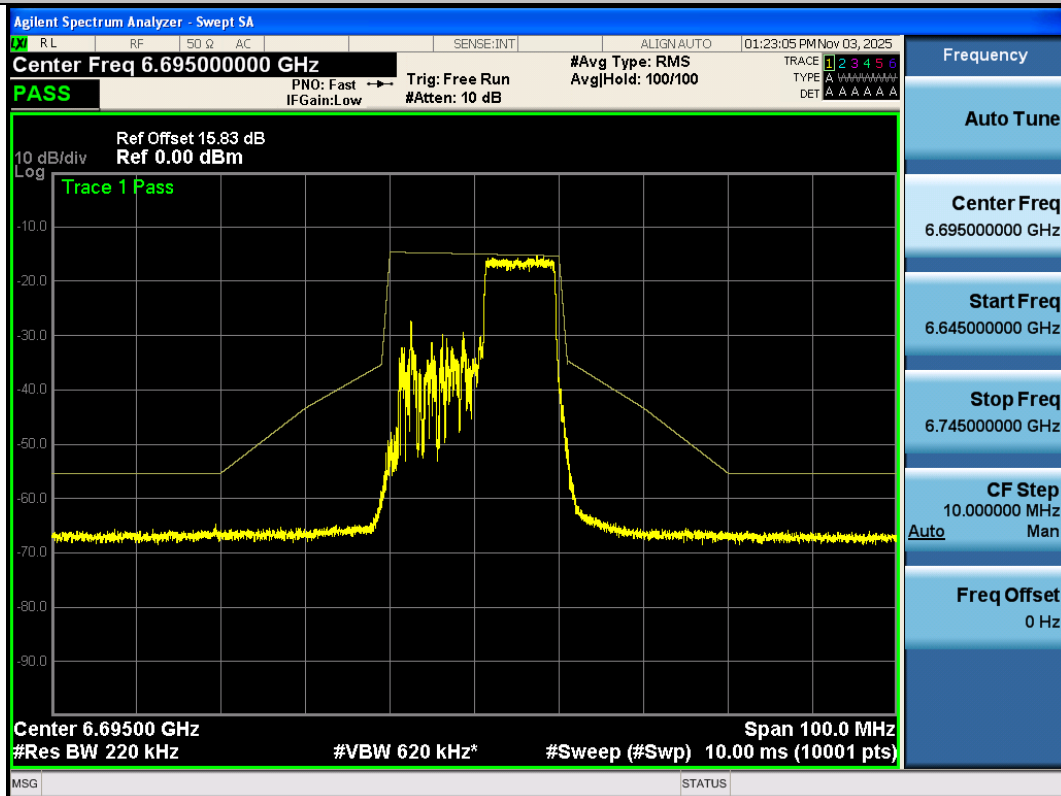
NTNV-11AX20SISO-Ant3-6695-52Tone-RU37-PASS



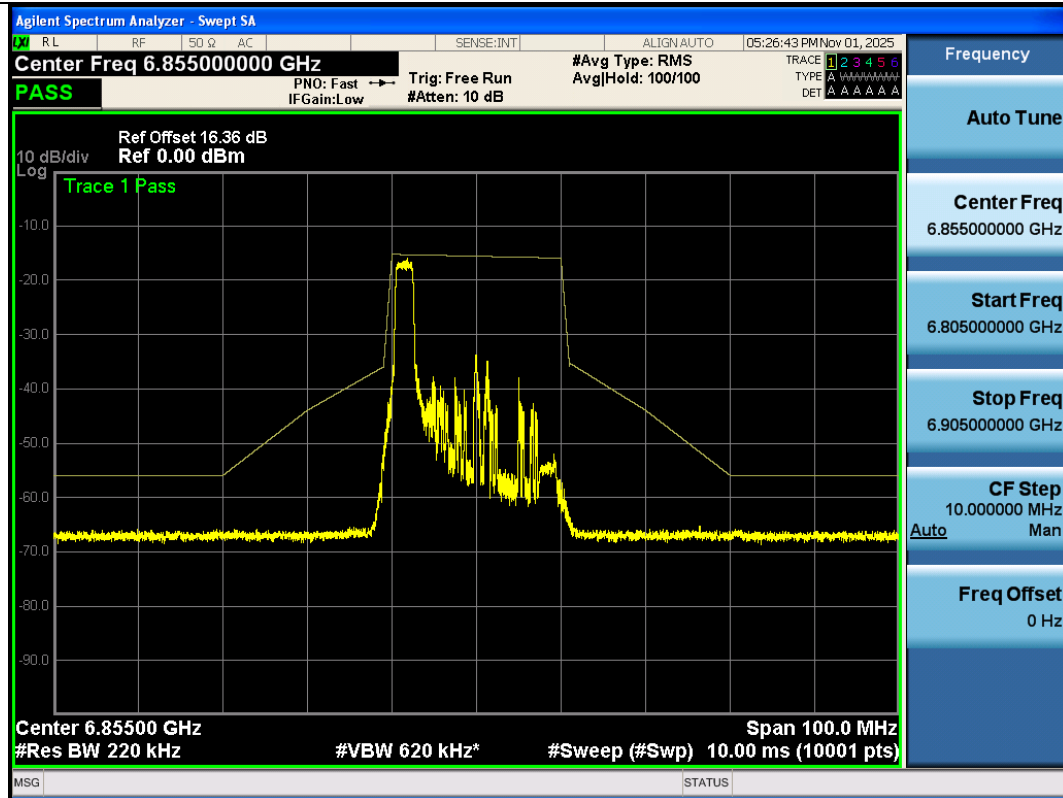
NTNV-11AX20SISO-Ant3-6695-52Tone-RU40-PASS



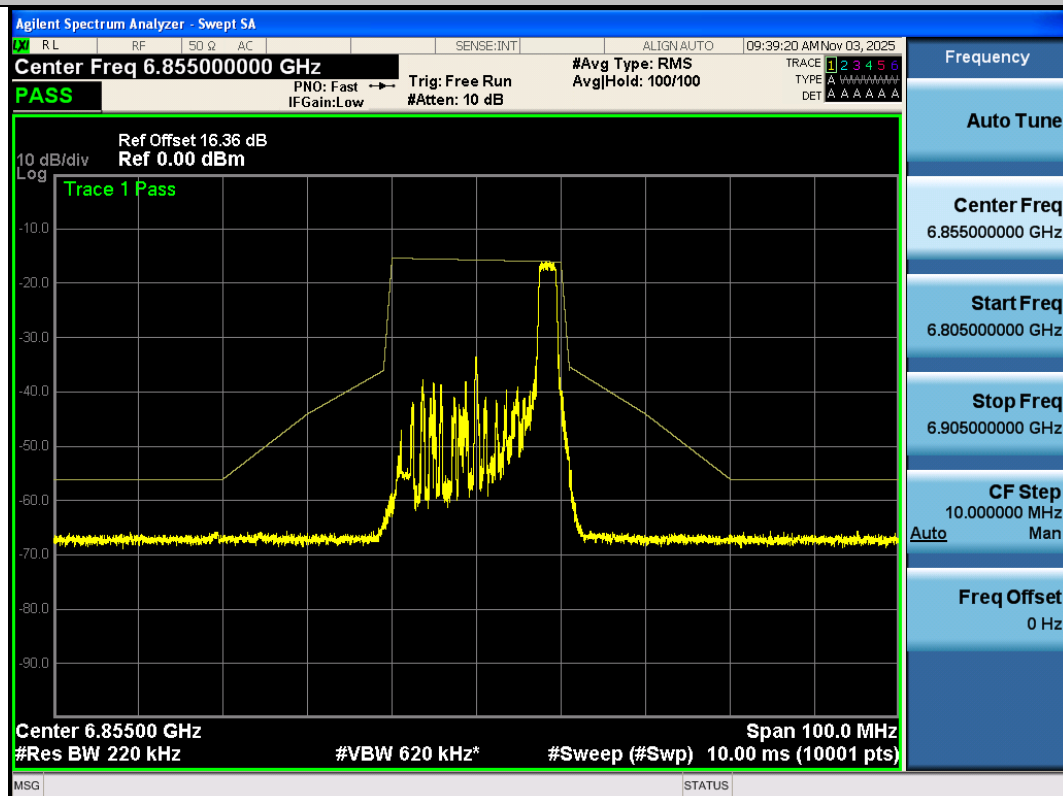
NTNV-11AX20SISO-Ant3-6695-106Tone-RU53-PASS



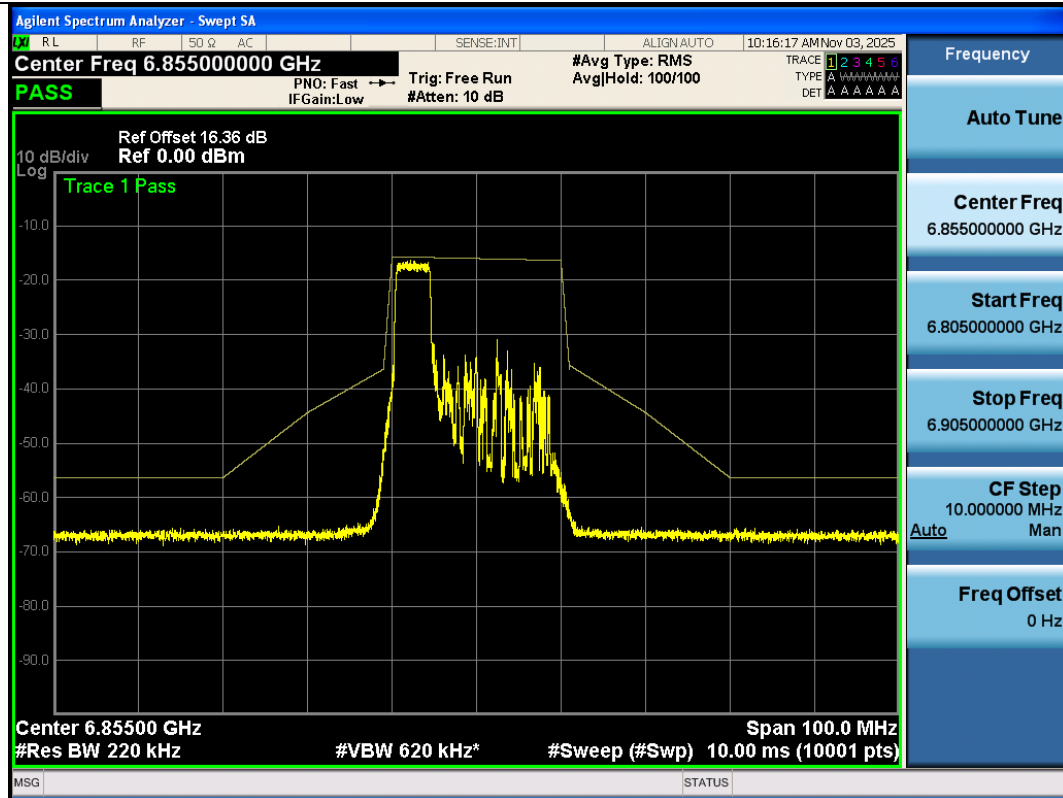
NTNV-11AX20SISO-Ant3-6695-106Tone-RU54-PASS



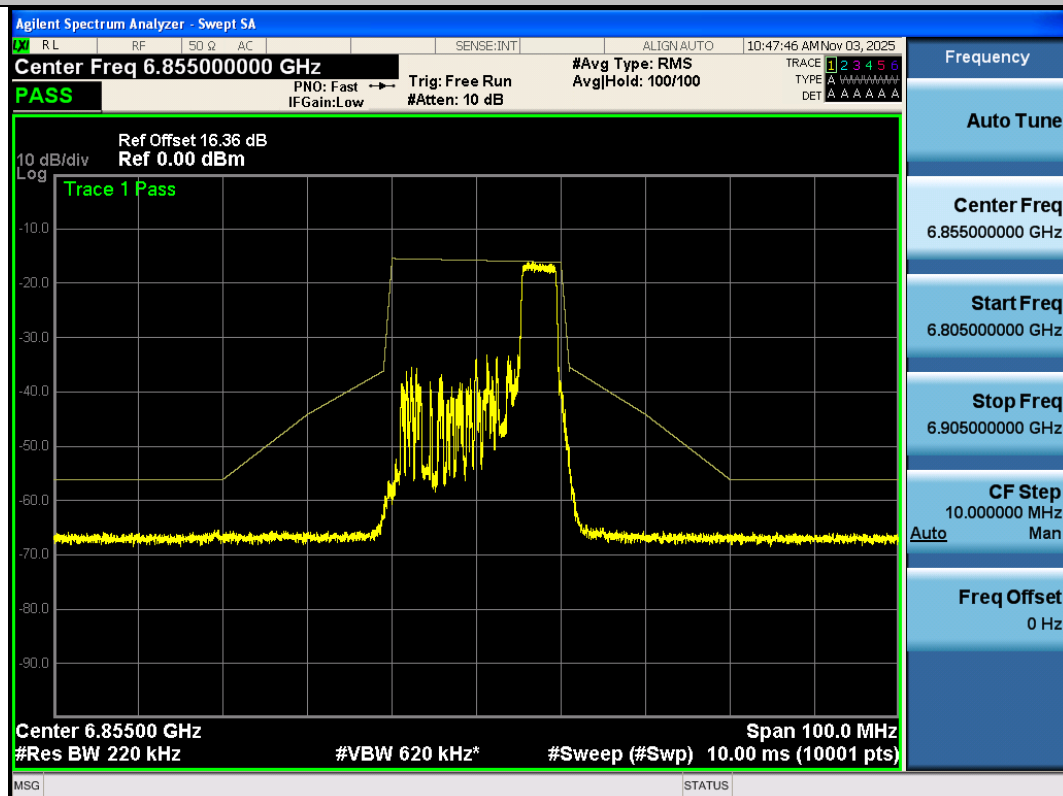
NTNV-11AX20SISO-Ant3-6855-26Tone-RU0-PASS



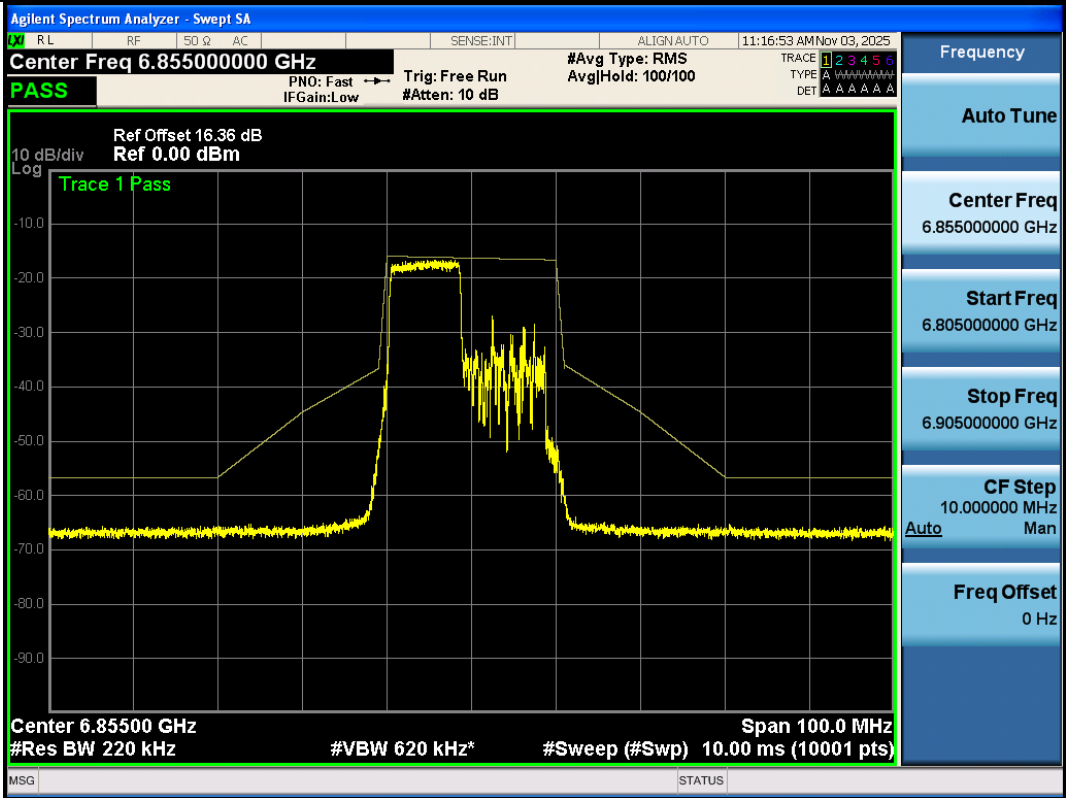
NTNV-11AX20SISO-Ant3-6855-26Tone-RU8-PASS



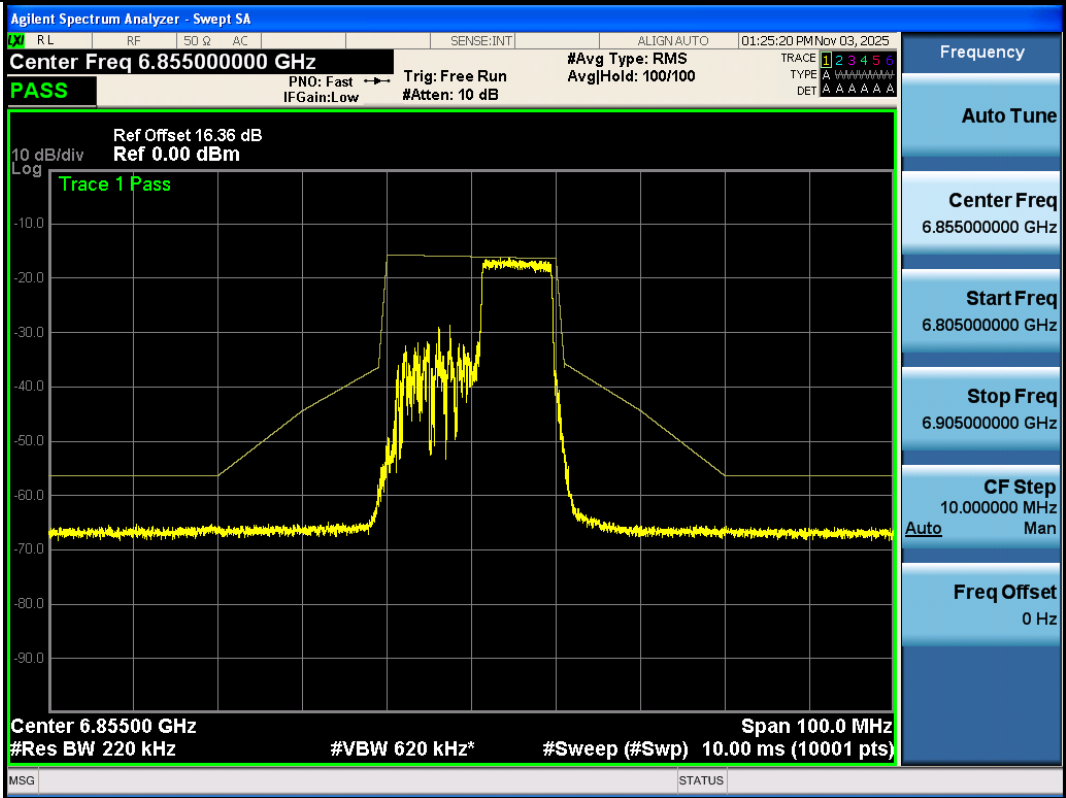
NTNV-11AX20SISO-Ant3-6855-52Tone-RU37-PASS



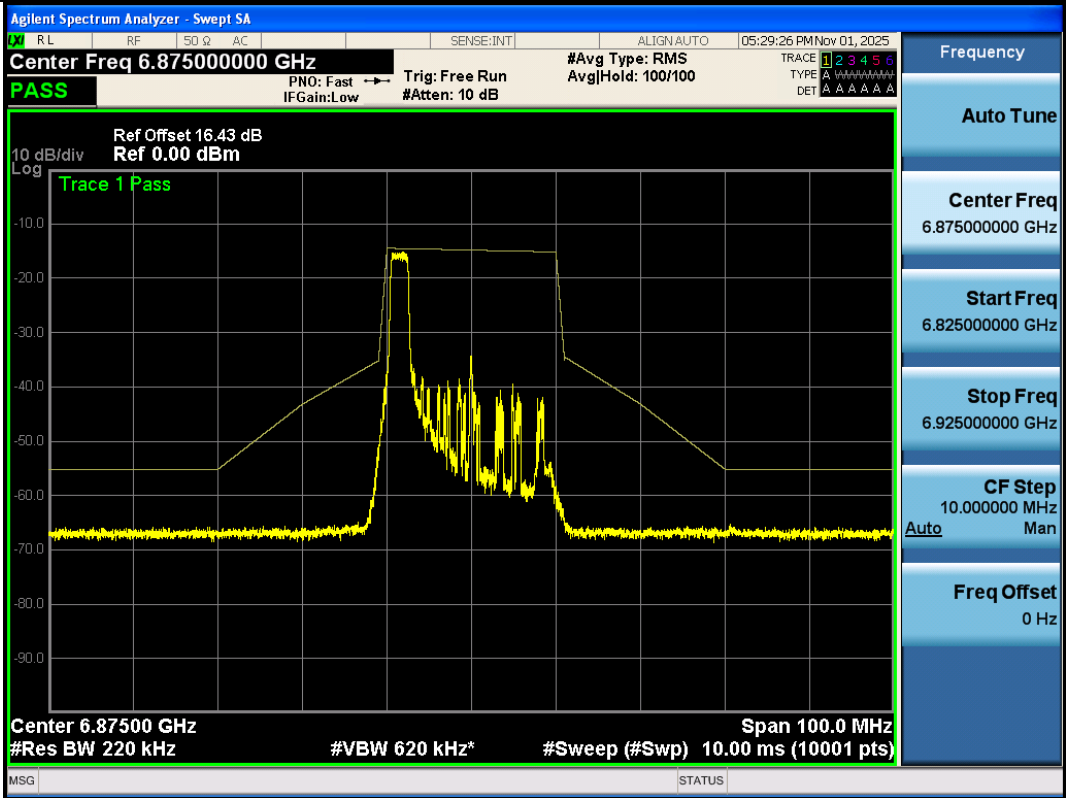
NTNV-11AX20SISO-Ant3-6855-52Tone-RU40-PASS



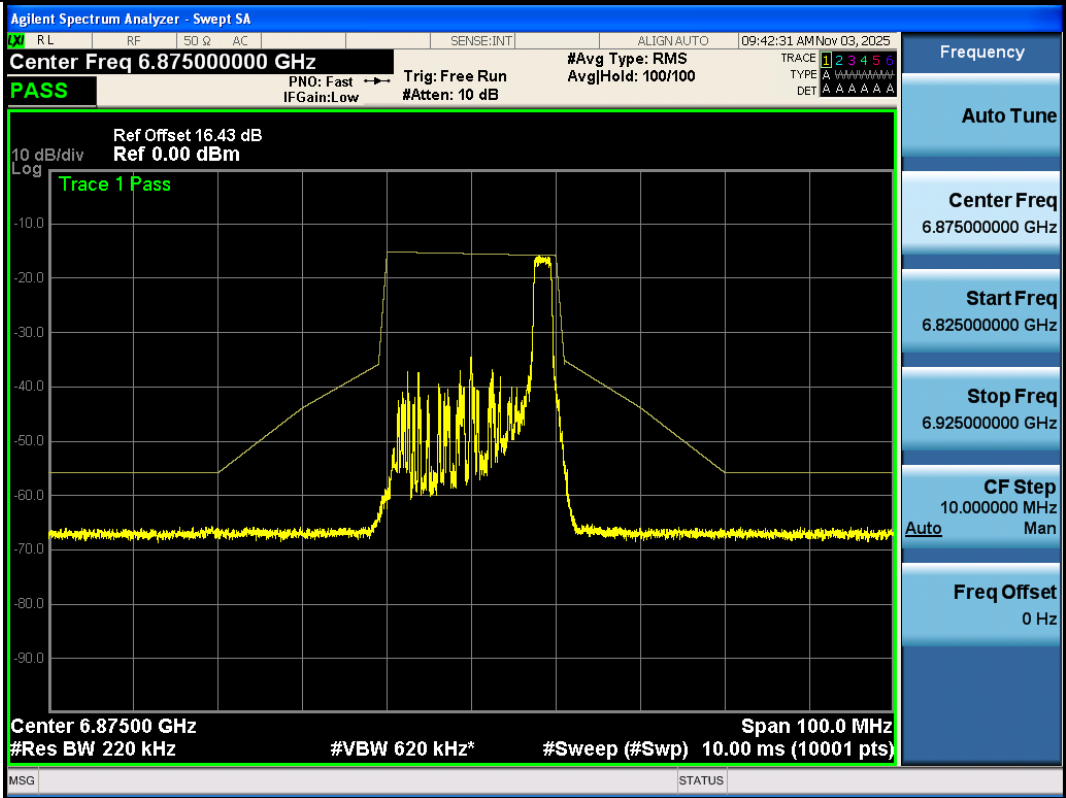
NTNV-11AX20SISO-Ant3-6855-106Tone-RU53-PASS



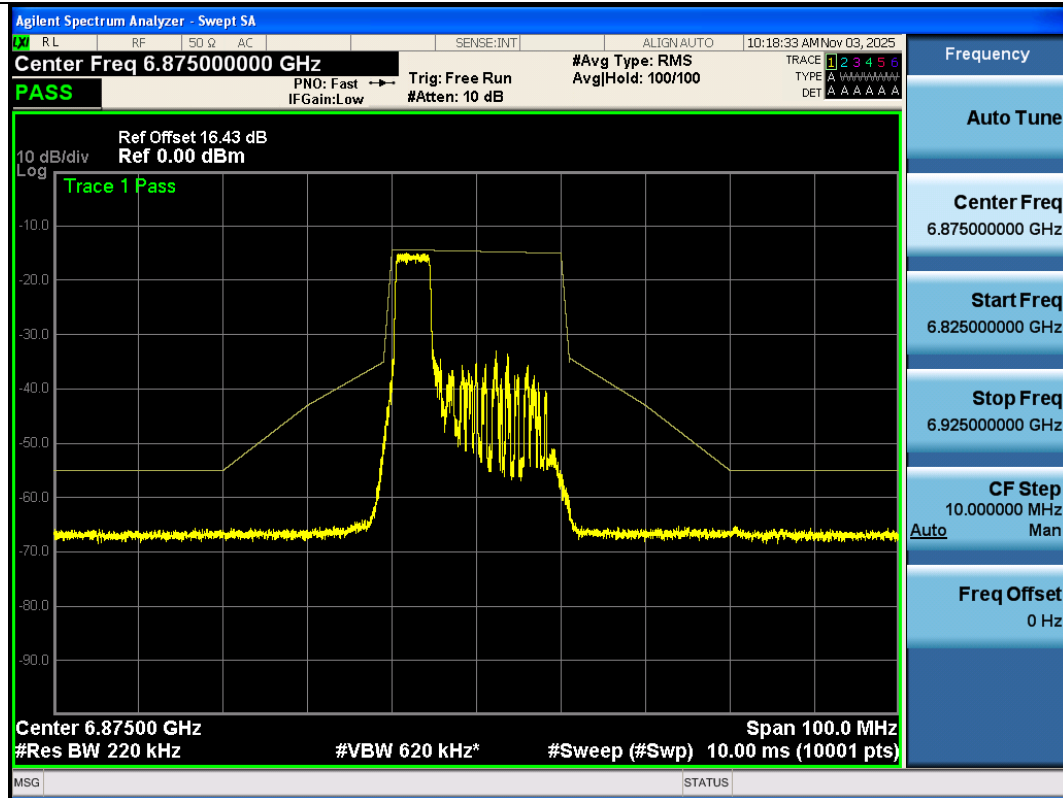
NTNV-11AX20SISO-Ant3-6855-106Tone-RU54-PASS



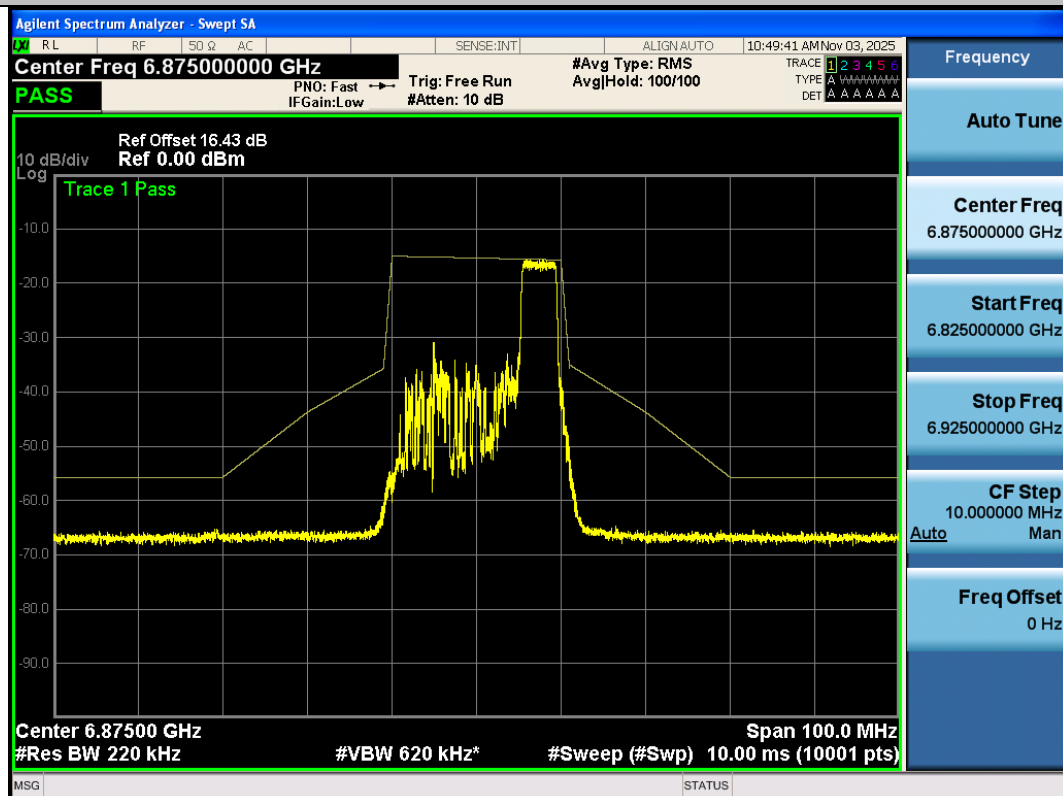
NTNV-11AX20SISO-Ant3-6875-26Tone-RU0-PASS



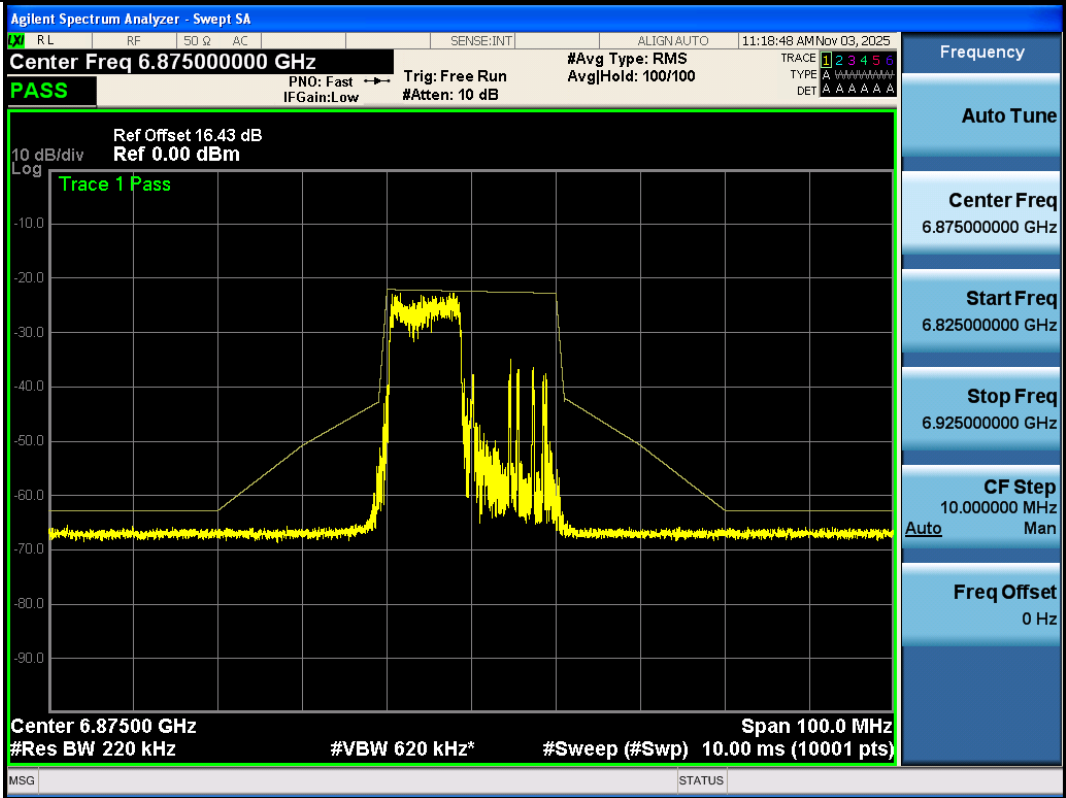
NTNV-11AX20SISO-Ant3-6875-26Tone-RU8-PASS



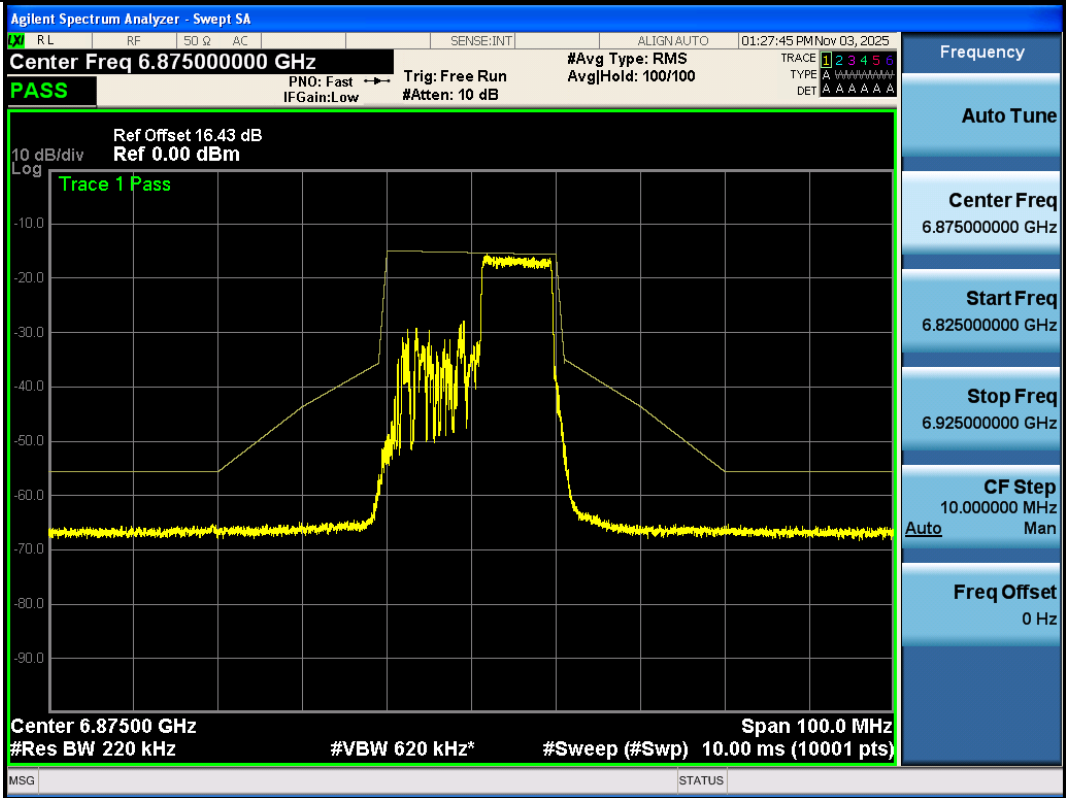
NTNV-11AX20SISO-Ant3-6875-52Tone-RU37-PASS



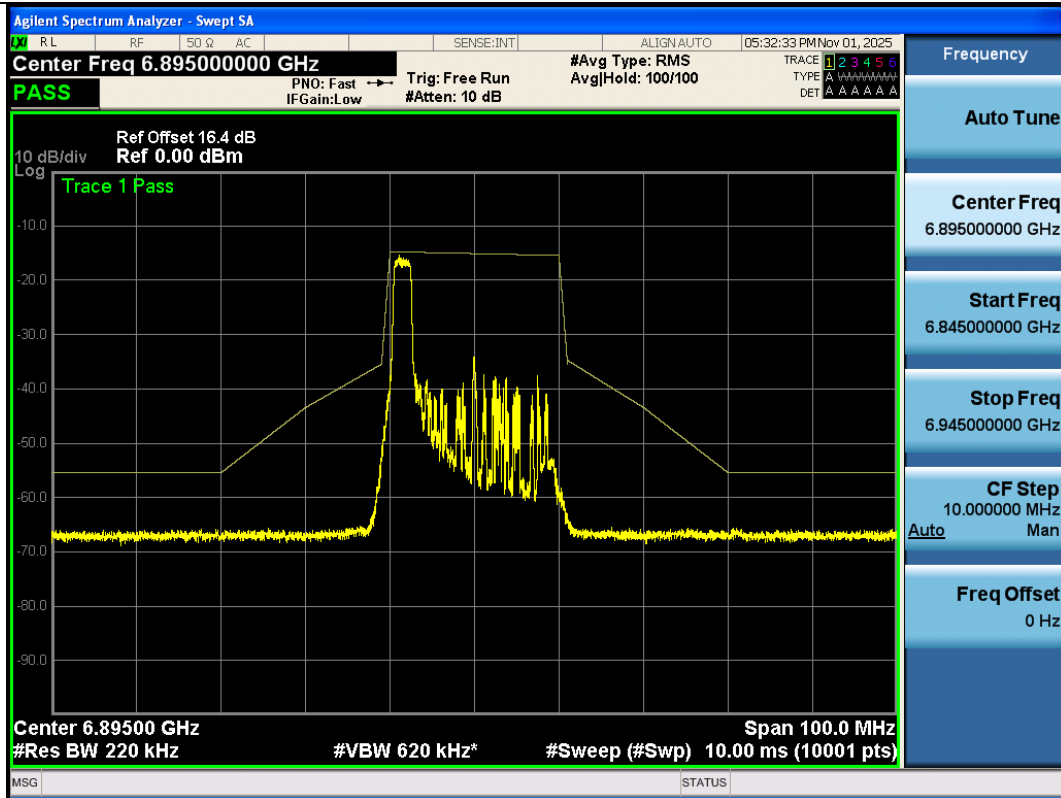
NTNV-11AX20SISO-Ant3-6875-52Tone-RU40-PASS



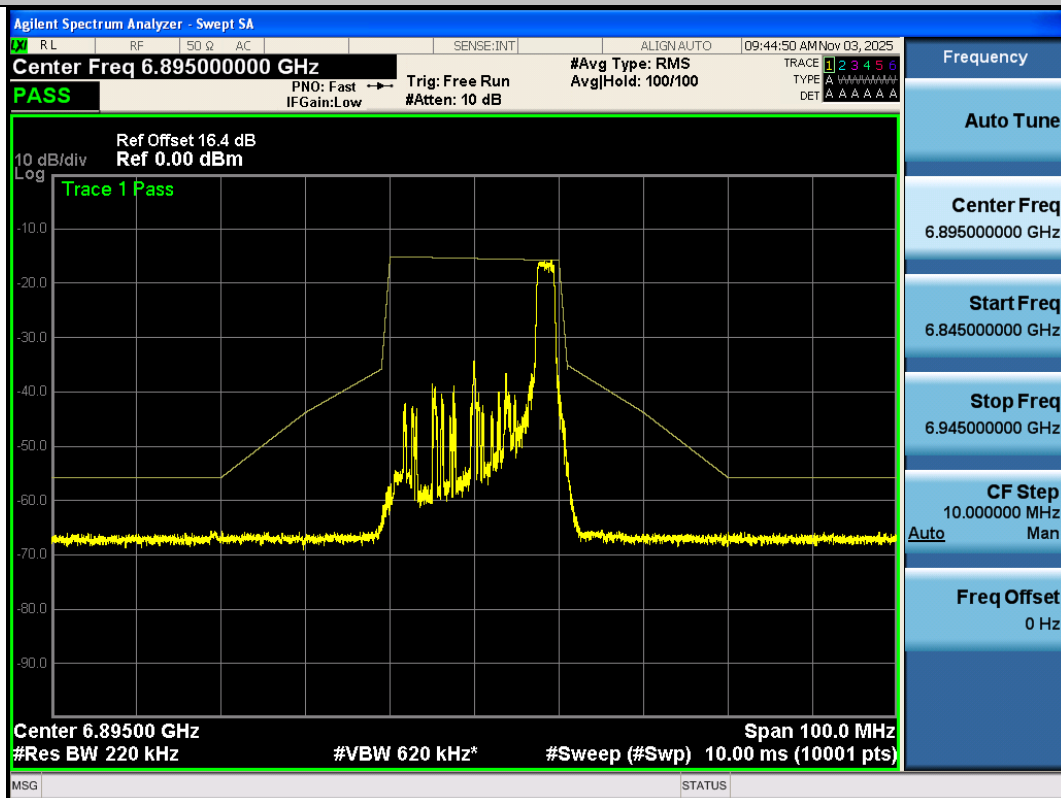
NTNV-11AX20SISO-Ant3-6875-106Tone-RU53-PASS



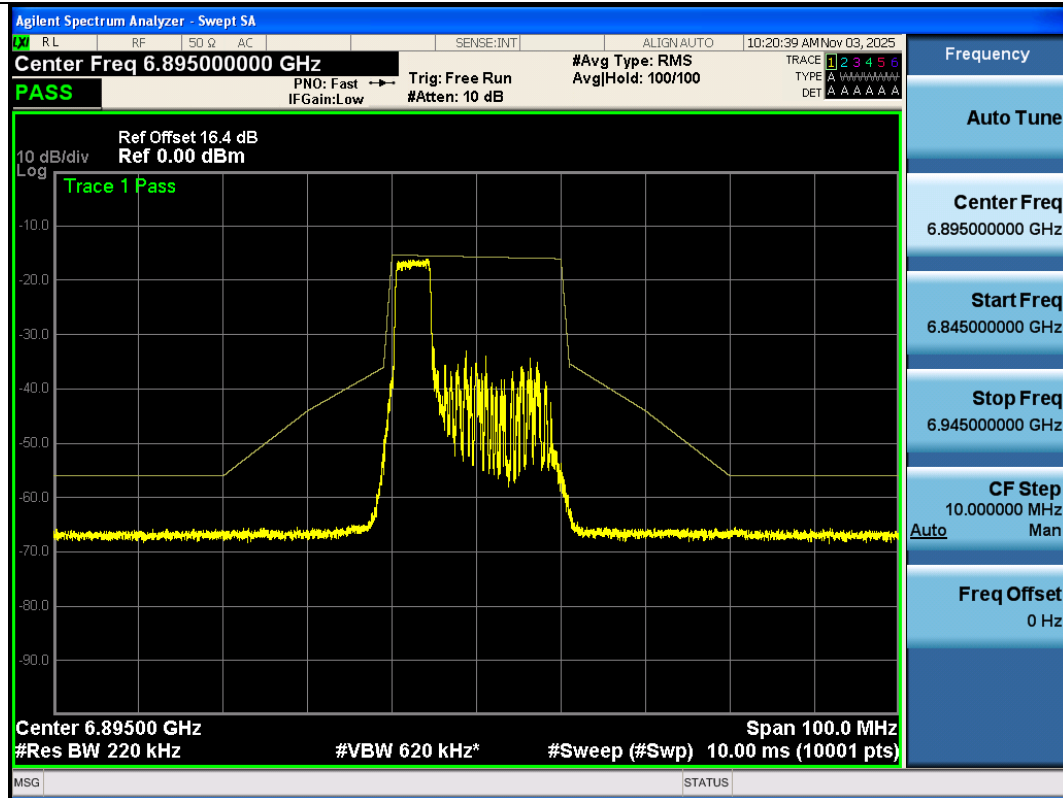
NTNV-11AX20SISO-Ant3-6875-106Tone-RU54-PASS



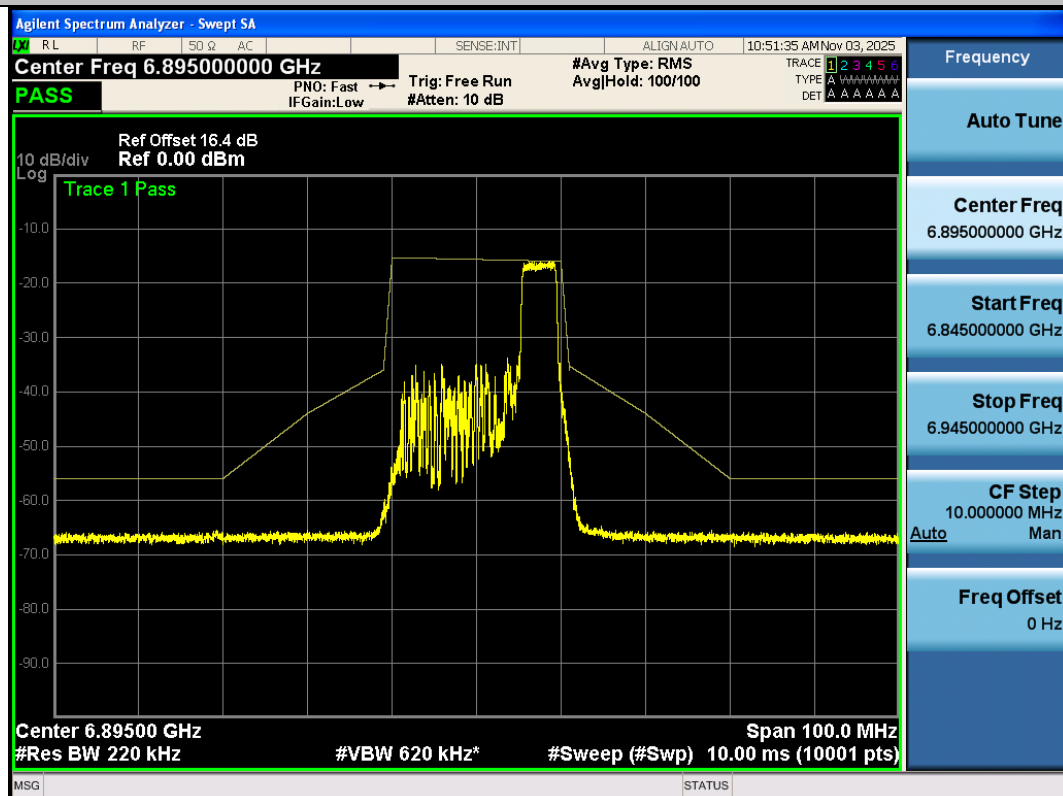
NTNV-11AX20SISO-Ant3-6895-26Tone-RU0-PASS



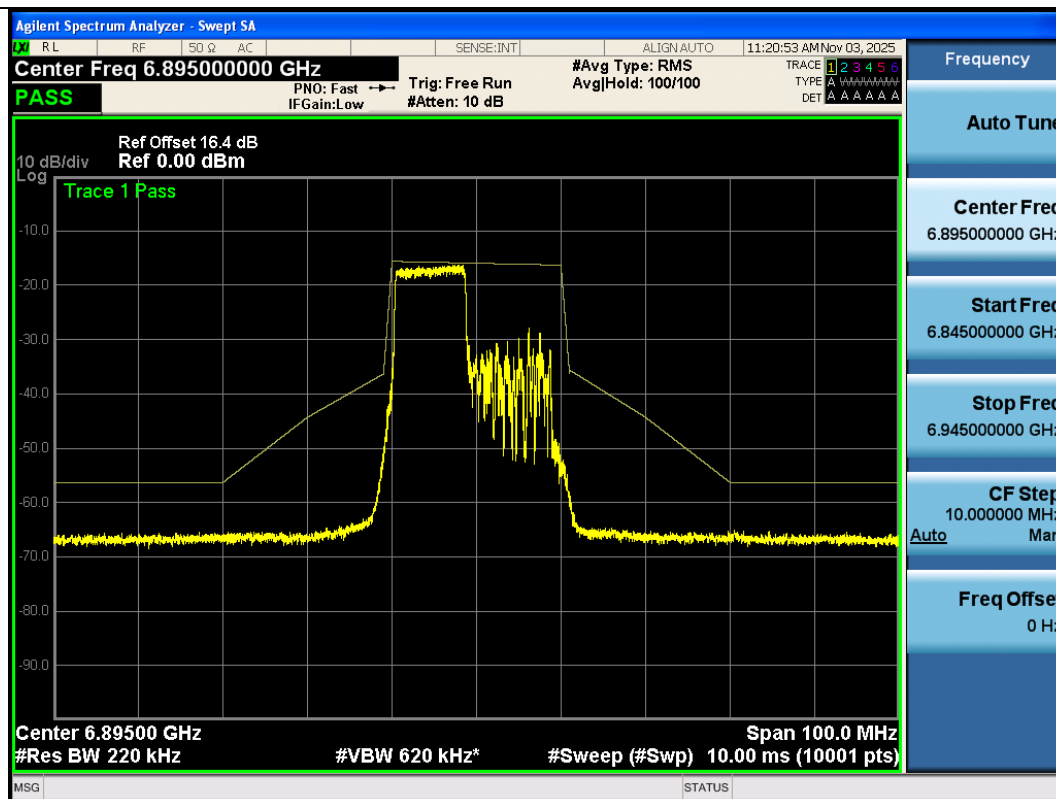
NTNV-11AX20SISO-Ant3-6895-26Tone-RU8-PASS



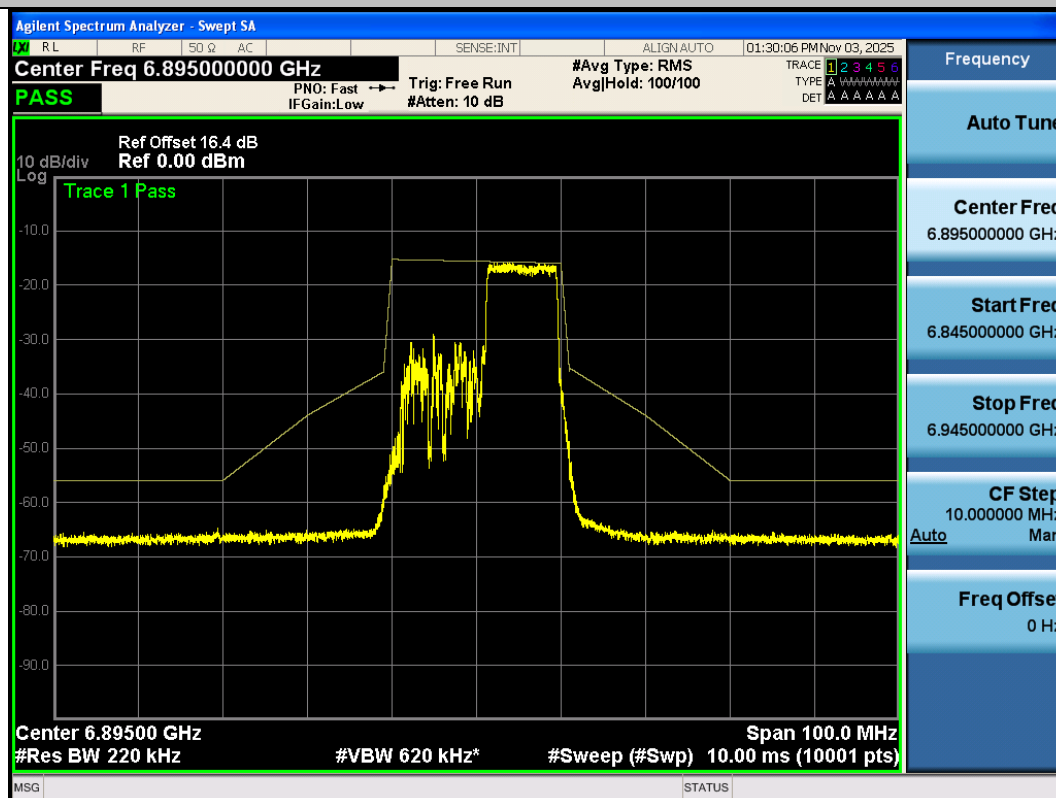
NTNV-11AX20SISO-Ant3-6895-52Tone-RU37-PASS



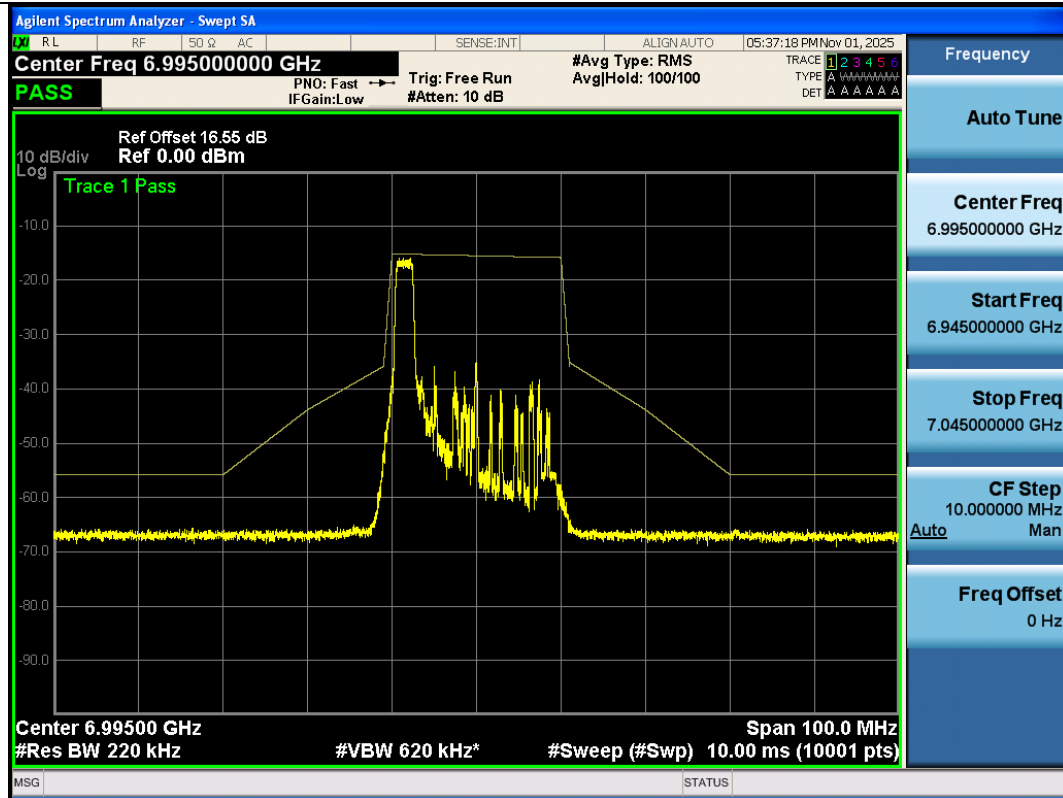
NTNV-11AX20SISO-Ant3-6895-52Tone-RU40-PASS



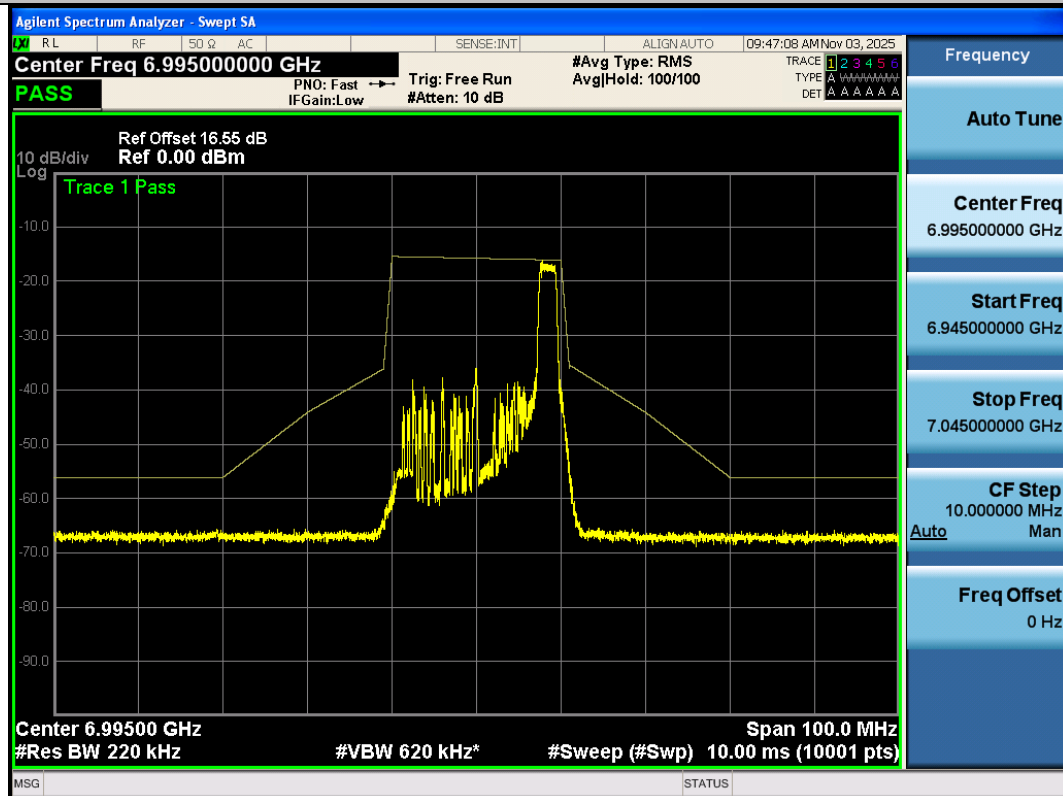
NTNV-11AX20SISO-Ant3-6895-106Tone-RU53-PASS



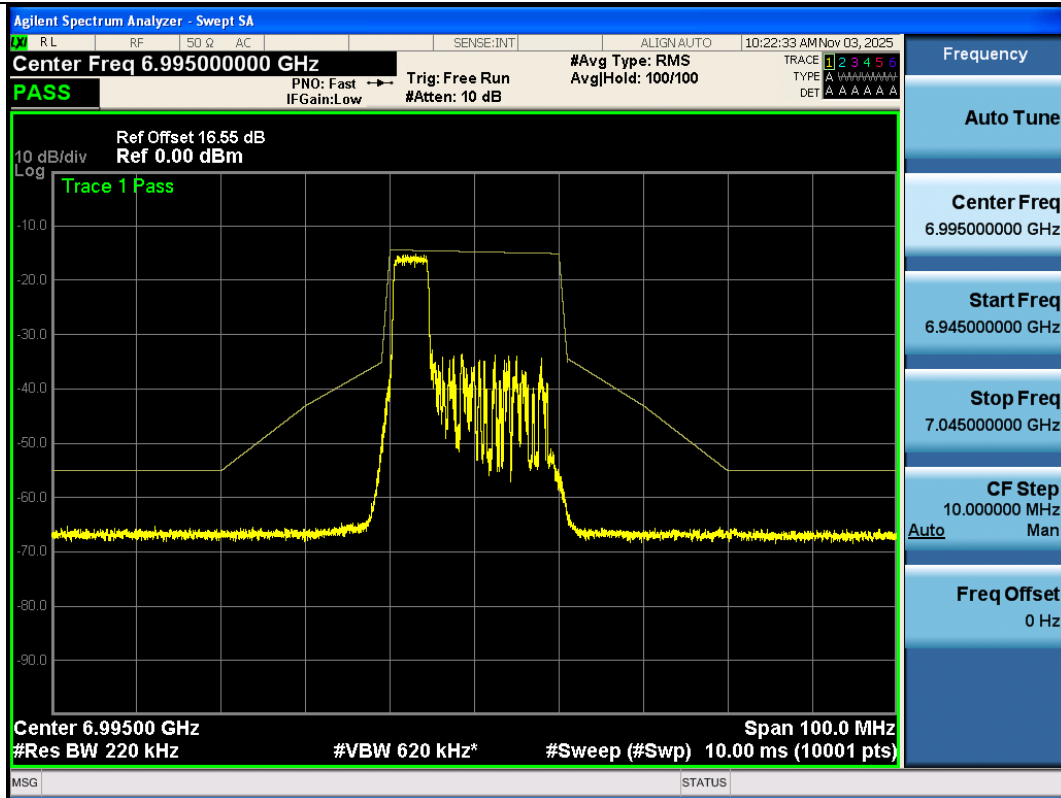
NTNV-11AX20SISO-Ant3-6895-106Tone-RU54-PASS



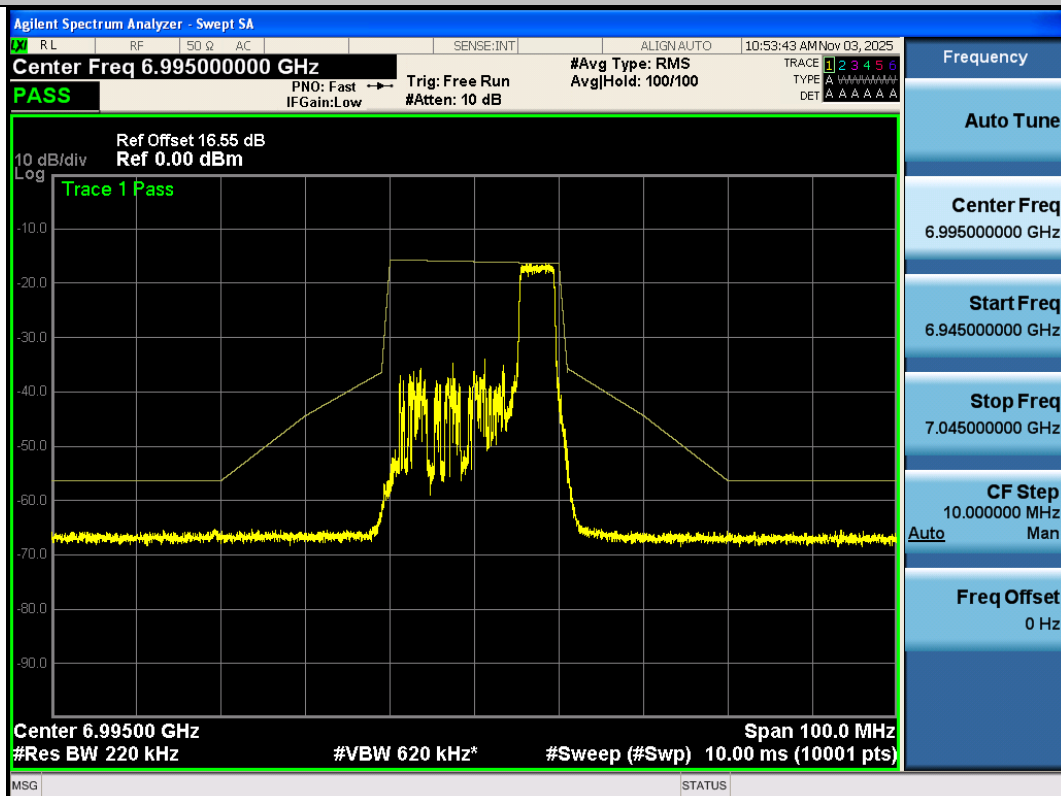
NTNV-11AX20SISO-Ant3-6995-26Tone-RU0-PASS



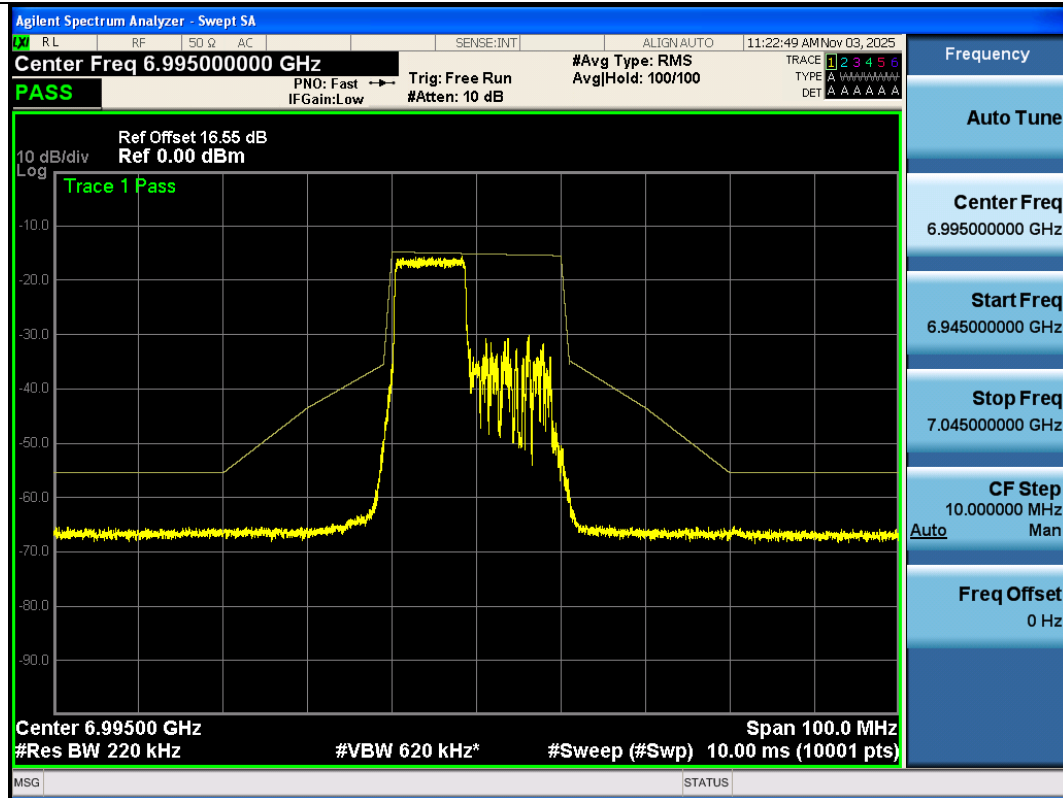
NTNV-11AX20SISO-Ant3-6995-26Tone-RU8-PASS



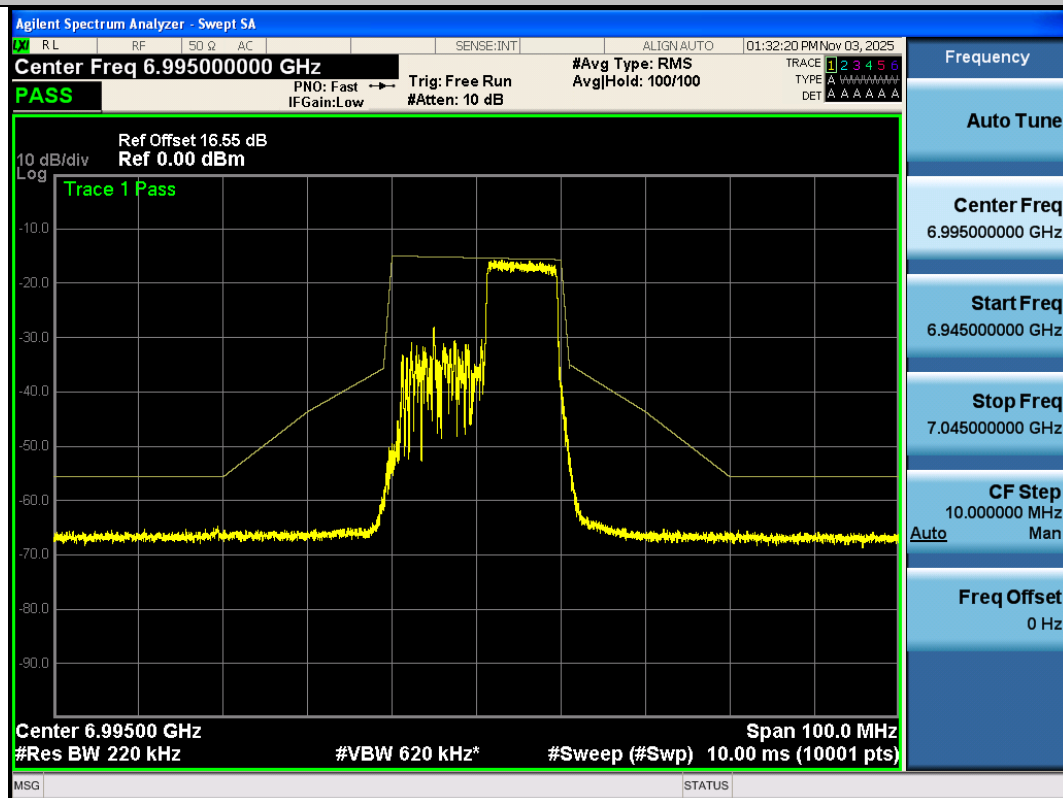
NTNV-11AX20SISO-Ant3-6995-52Tone-RU37-PASS



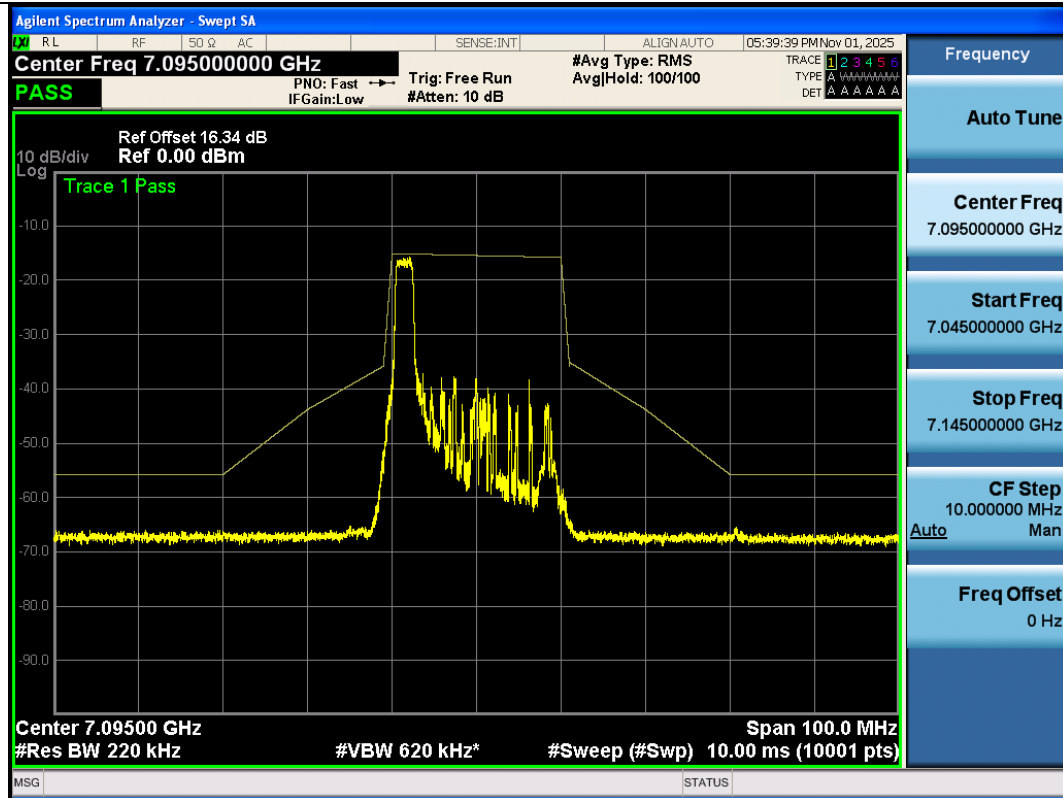
NTNV-11AX20SISO-Ant3-6995-52Tone-RU40-PASS



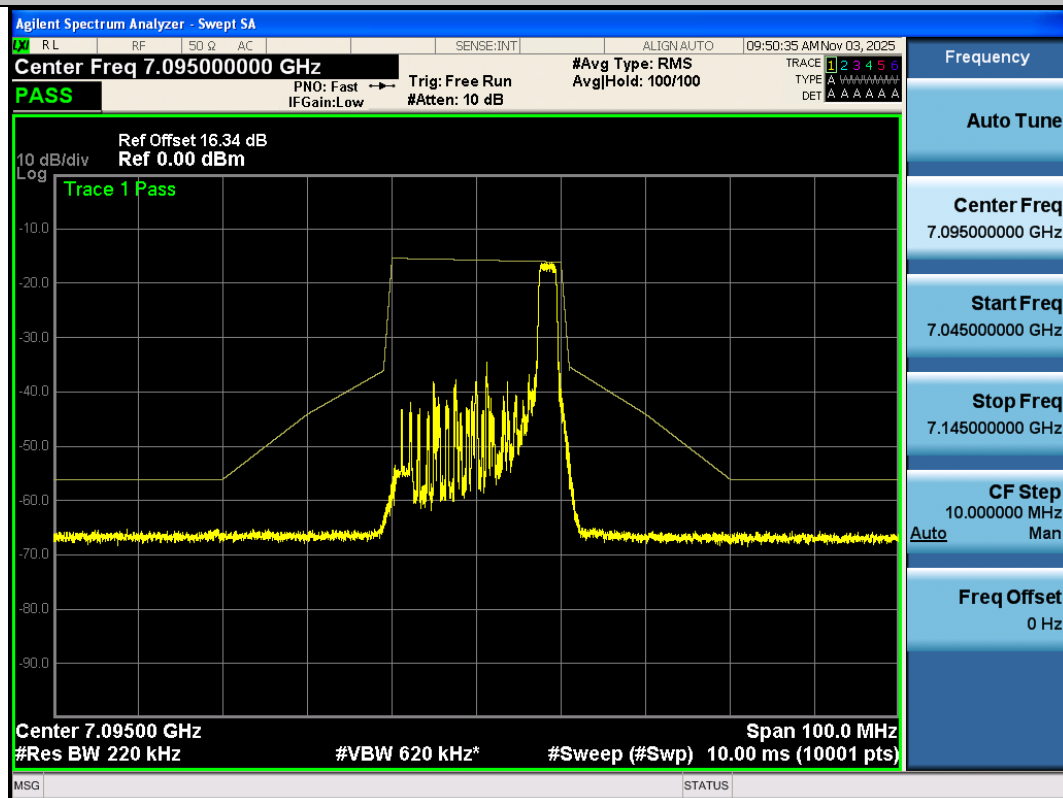
NTNV-11AX20SISO-Ant3-6995-106Tone-RU53-PASS



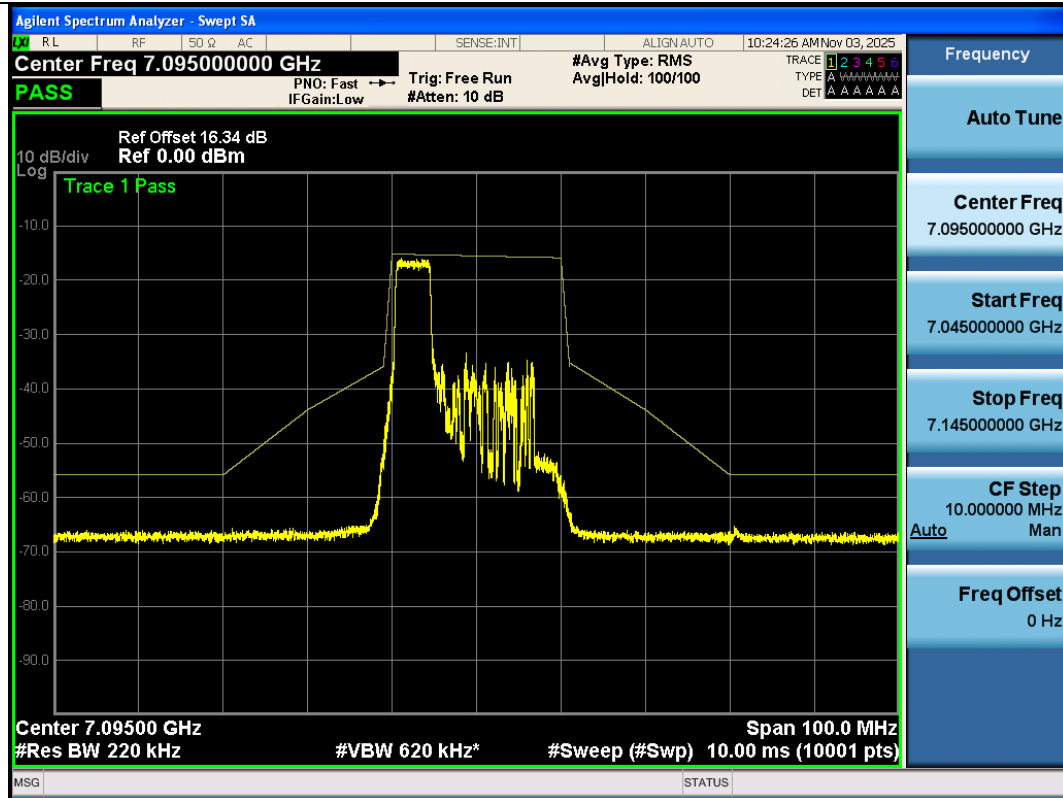
NTNV-11AX20SISO-Ant3-6995-106Tone-RU54-PASS



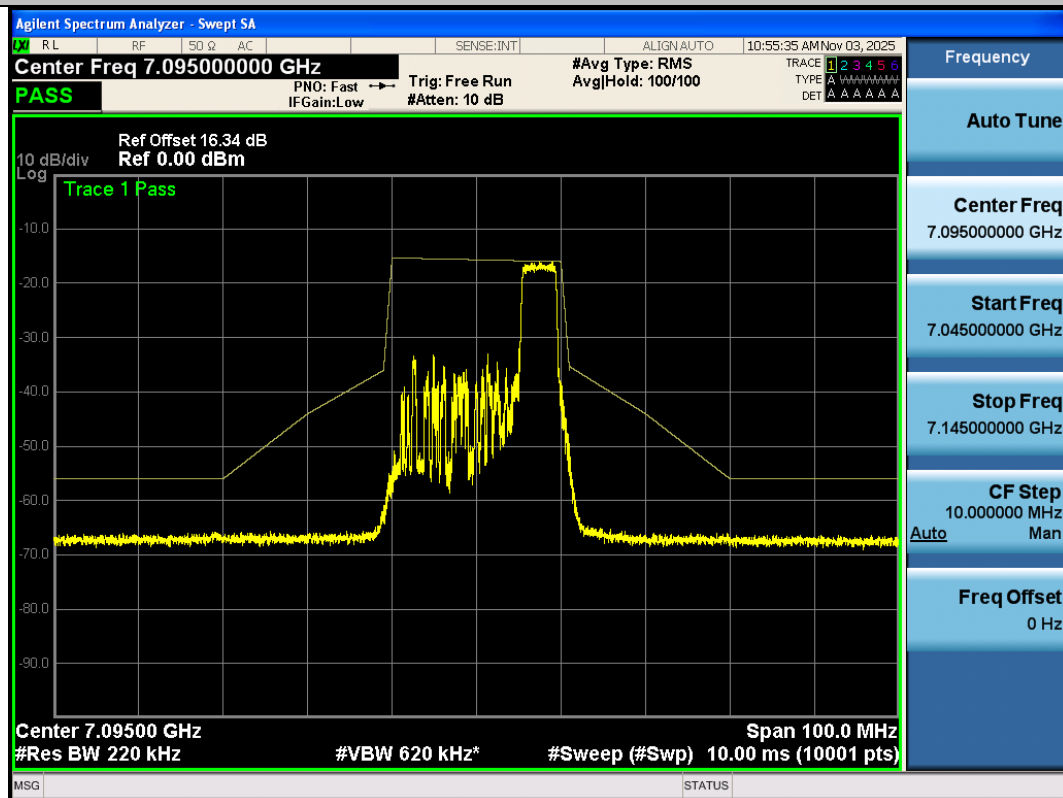
NTNV-11AX20SISO-Ant3-7095-26Tone-RU0-PASS



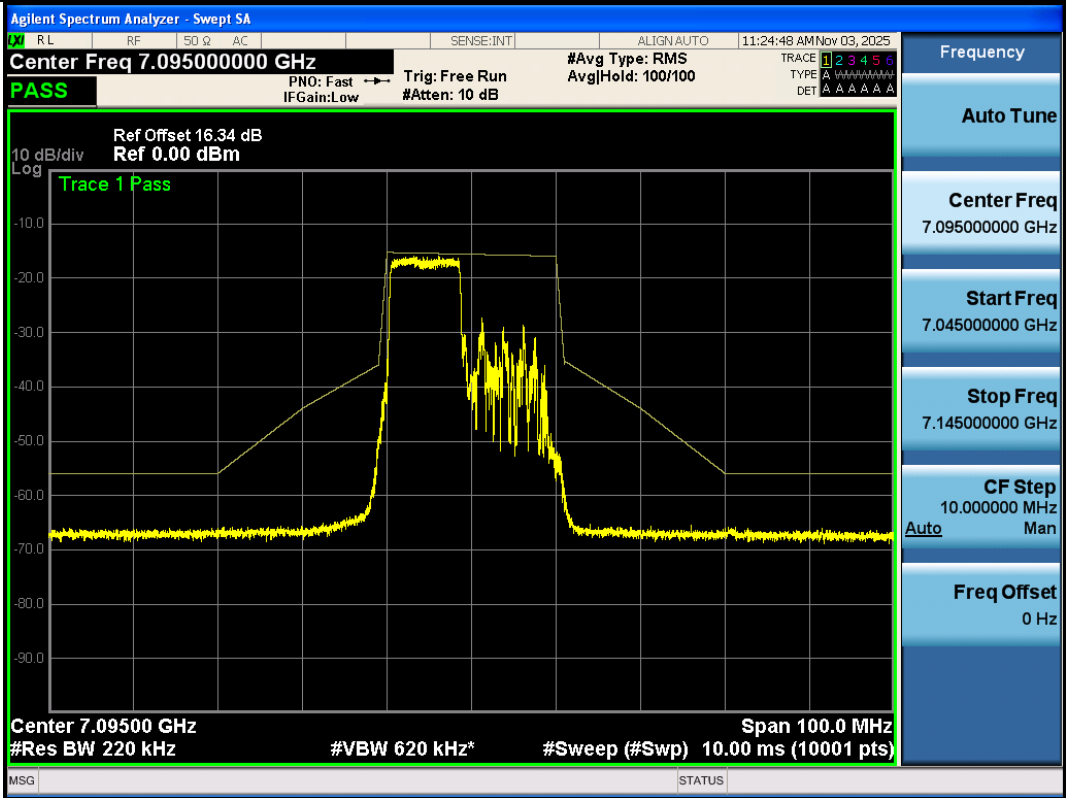
NTNV-11AX20SISO-Ant3-7095-26Tone-RU8-PASS



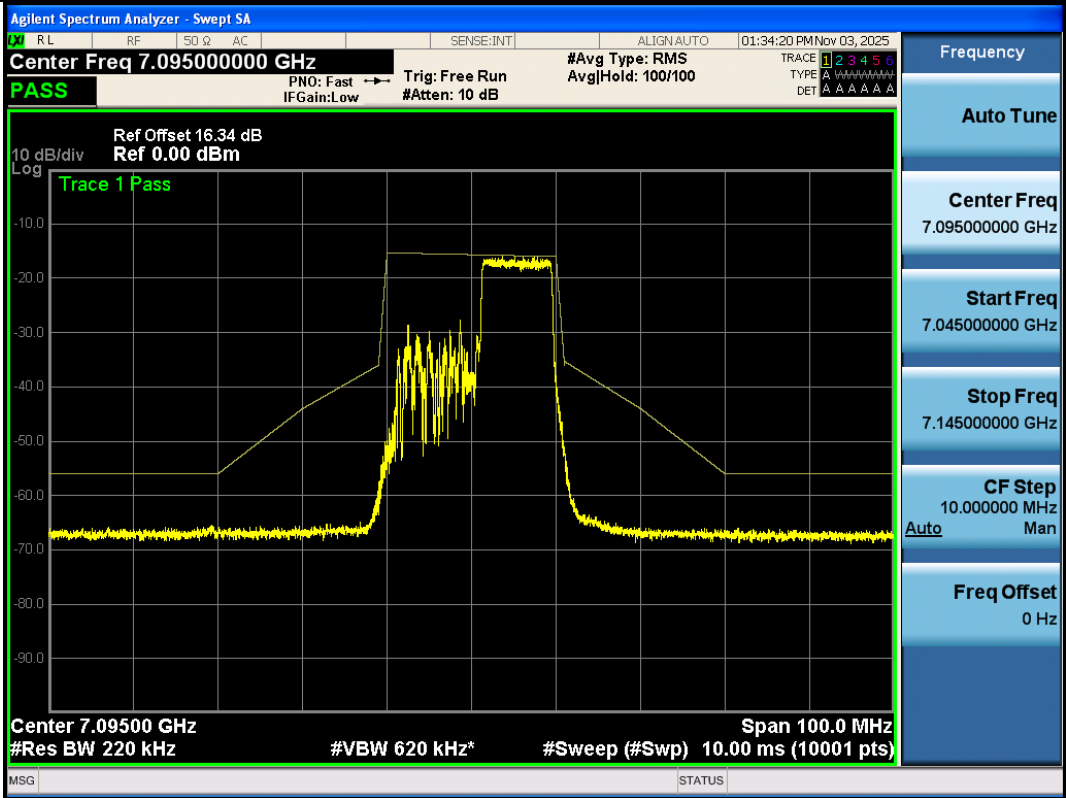
NTNV-11AX20SISO-Ant3-7095-52Tone-RU37-PASS



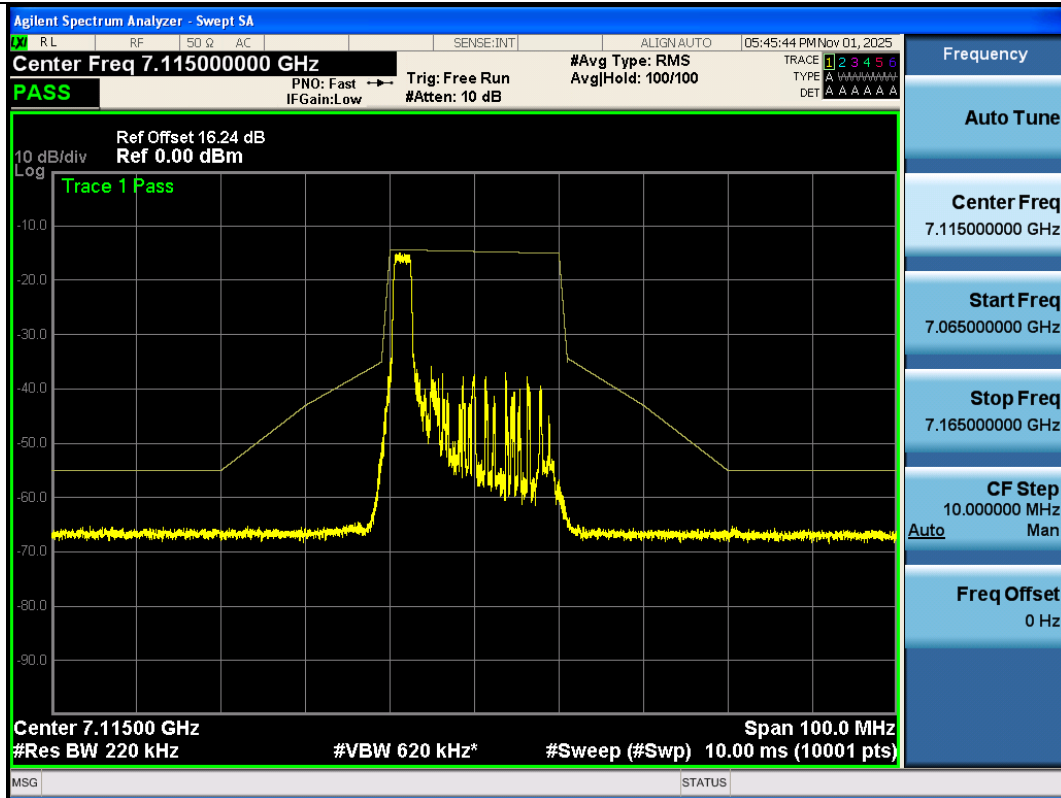
NTNV-11AX20SISO-Ant3-7095-52Tone-RU40-PASS



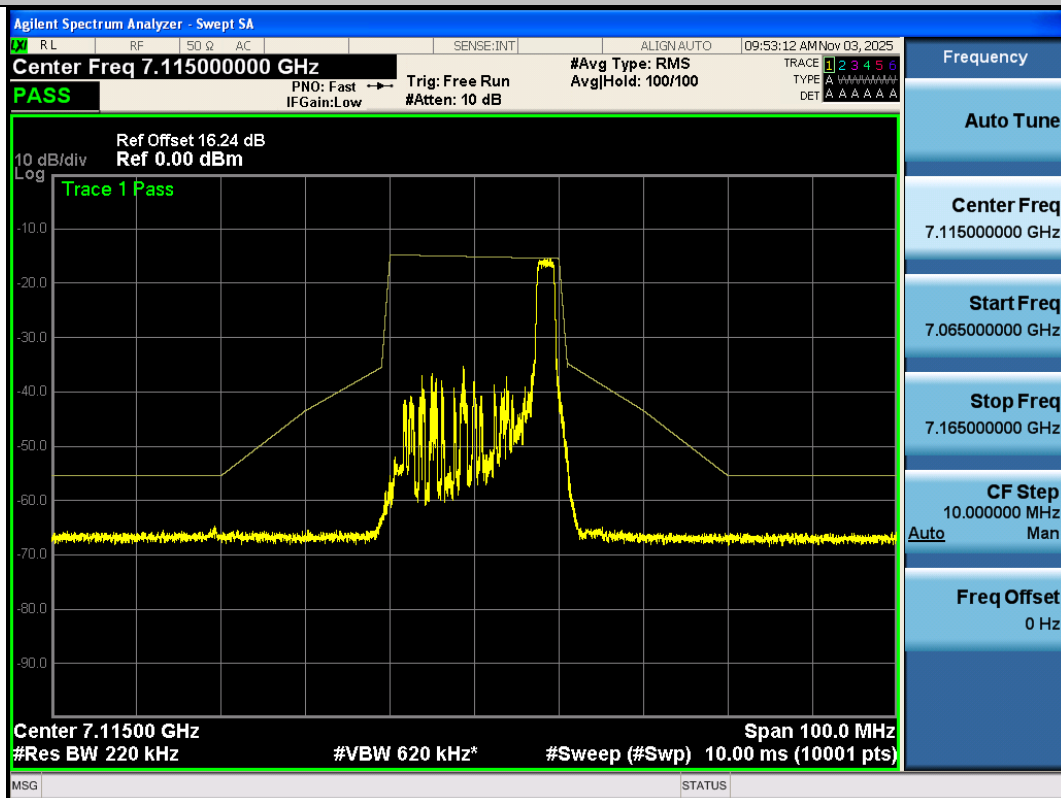
NTNV-11AX20SISO-Ant3-7095-106Tone-RU53-PASS



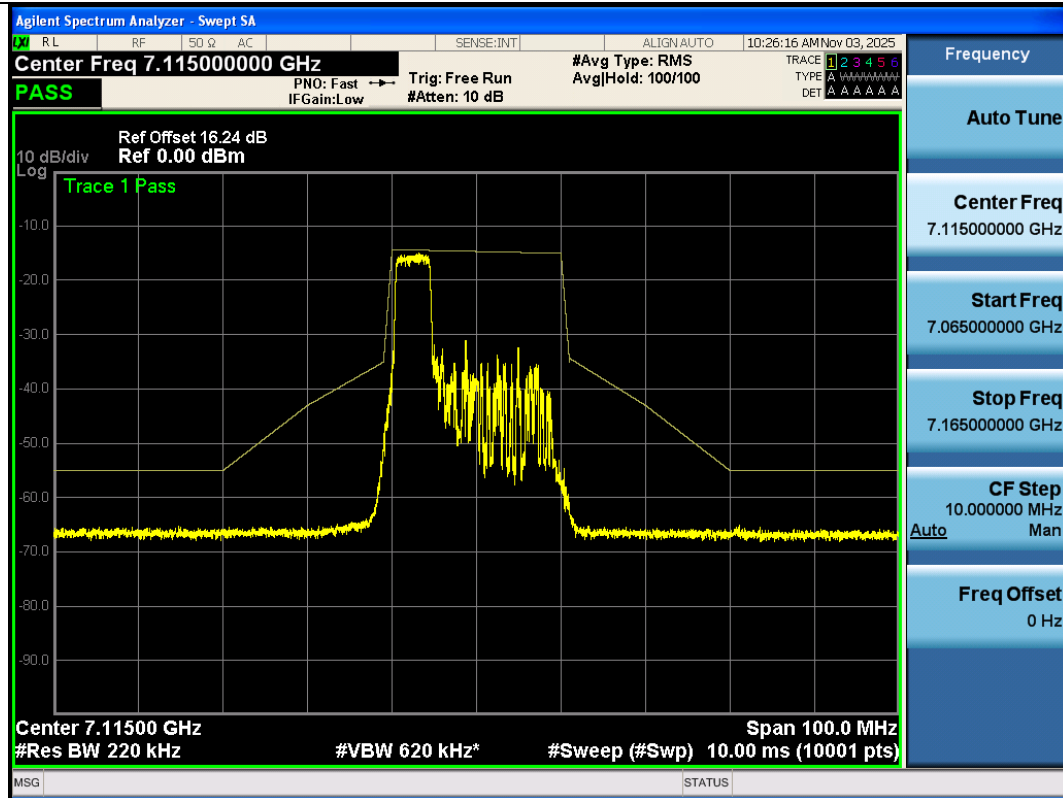
NTNV-11AX20SISO-Ant3-7095-106Tone-RU54-PASS



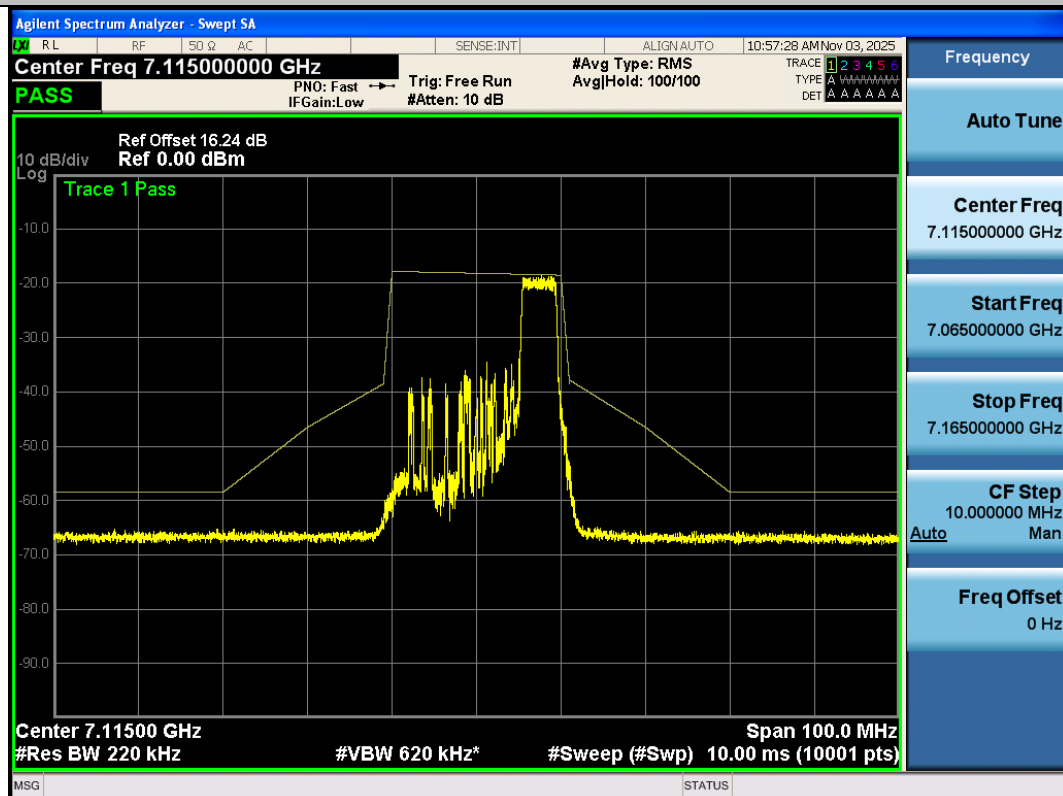
NTNV-11AX20SISO-Ant3-7115-26Tone-RU0-PASS



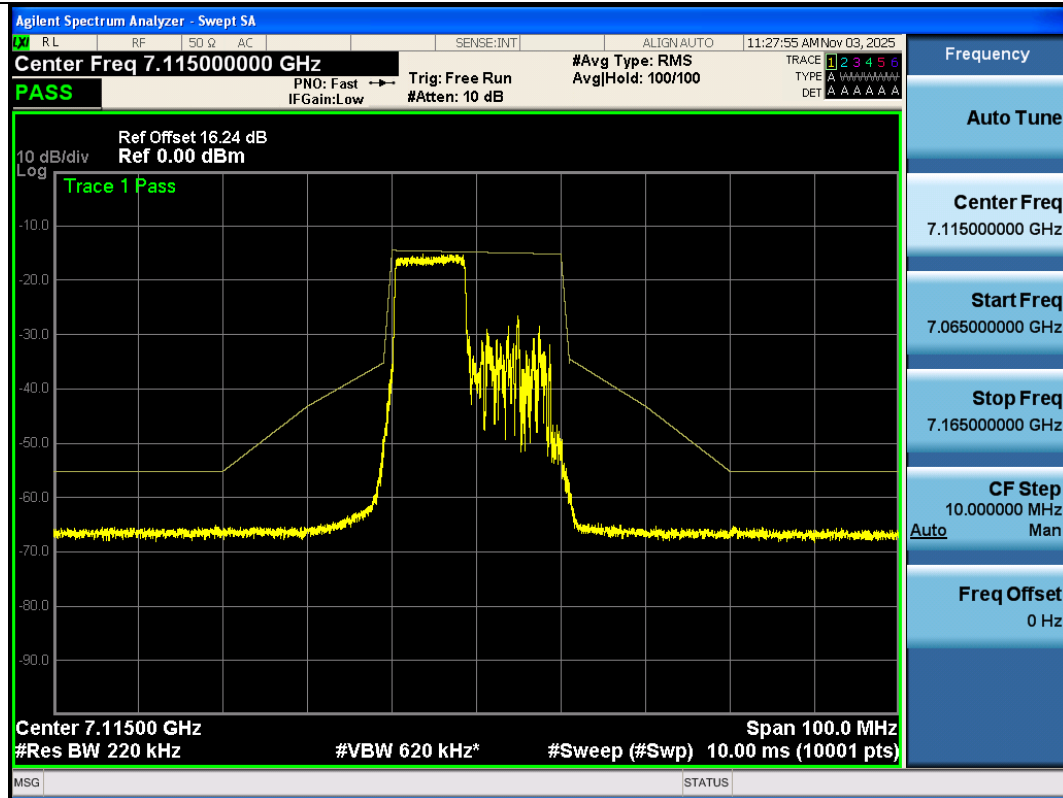
NTNV-11AX20SISO-Ant3-7115-26Tone-RU8-PASS



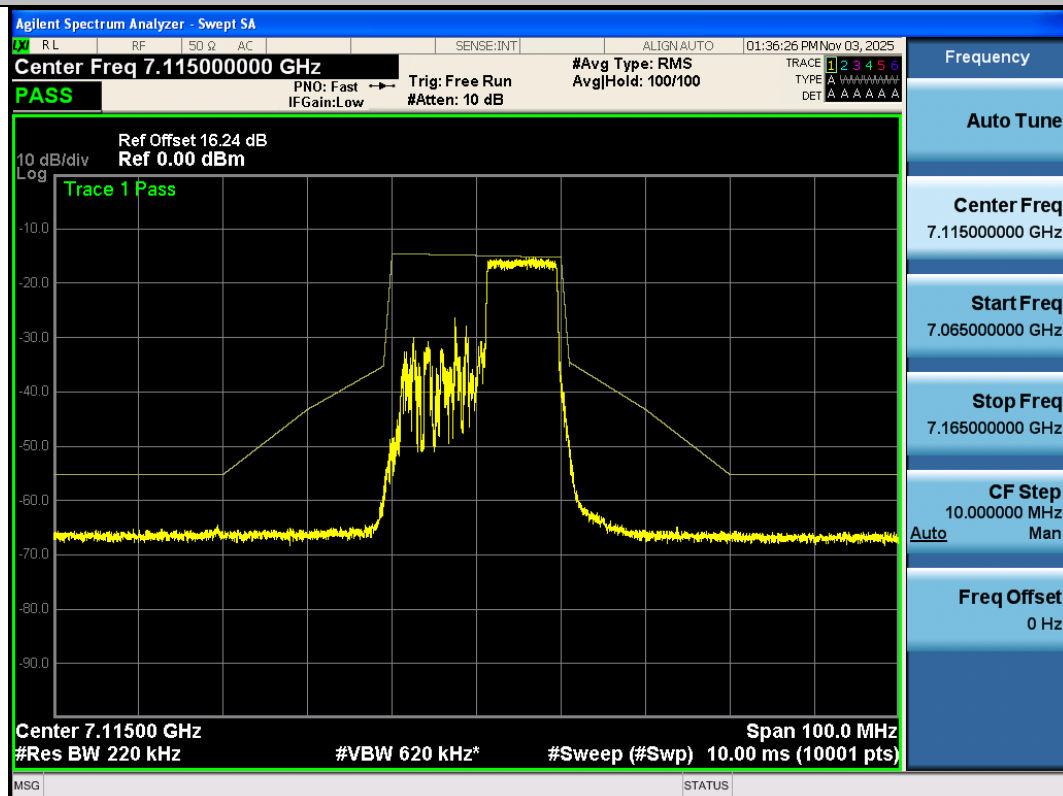
NTNV-11AX20SISO-Ant3-7115-52Tone-RU37-PASS



NTNV-11AX20SISO-Ant3-7115-52Tone-RU40-PASS



NTNV-11AX20SISO-Ant3-7115-106Tone-RU53-PASS



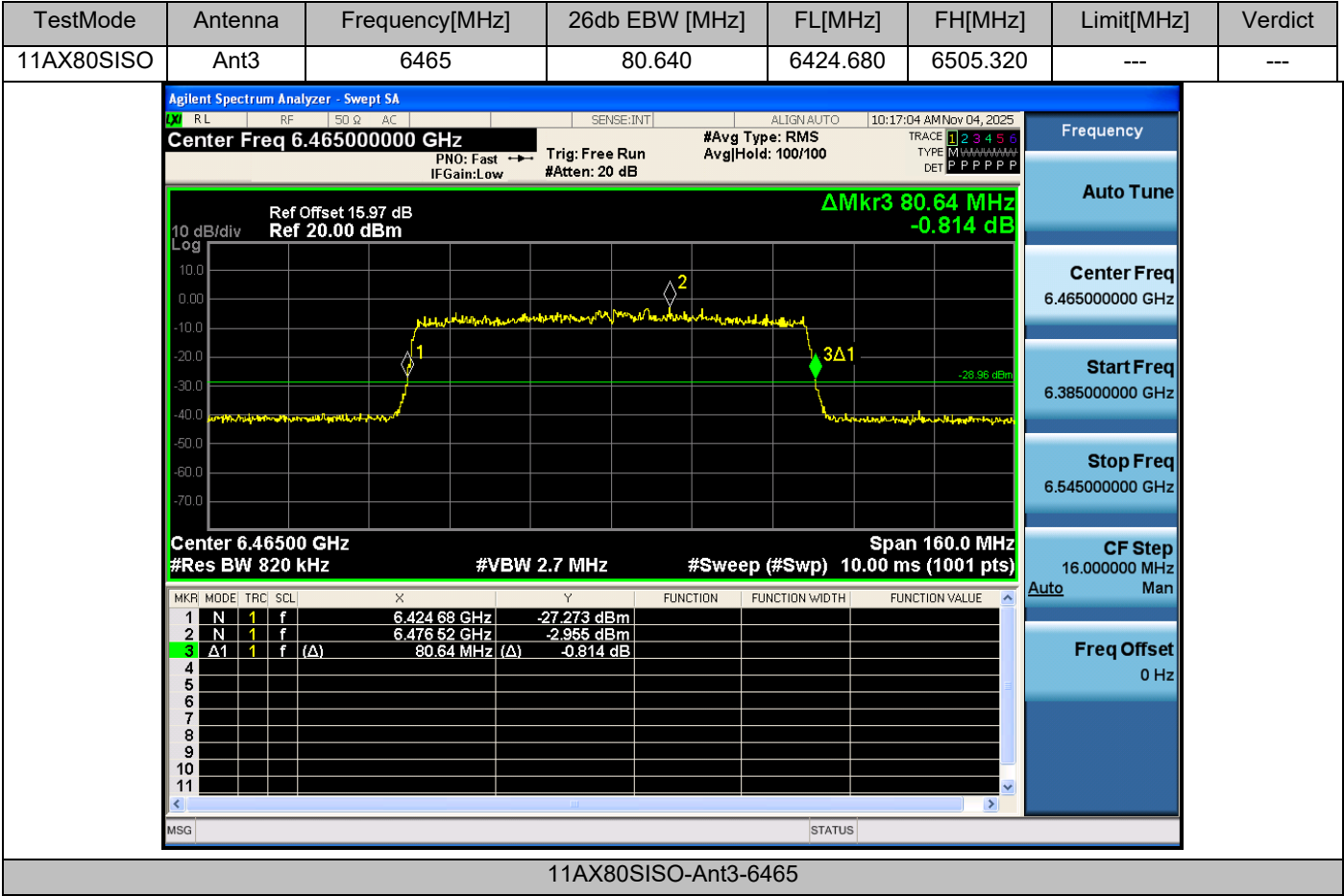
NTNV-11AX20SISO-Ant3-7115-106Tone-RU54-PASS

Appendix K: Variant spot check data

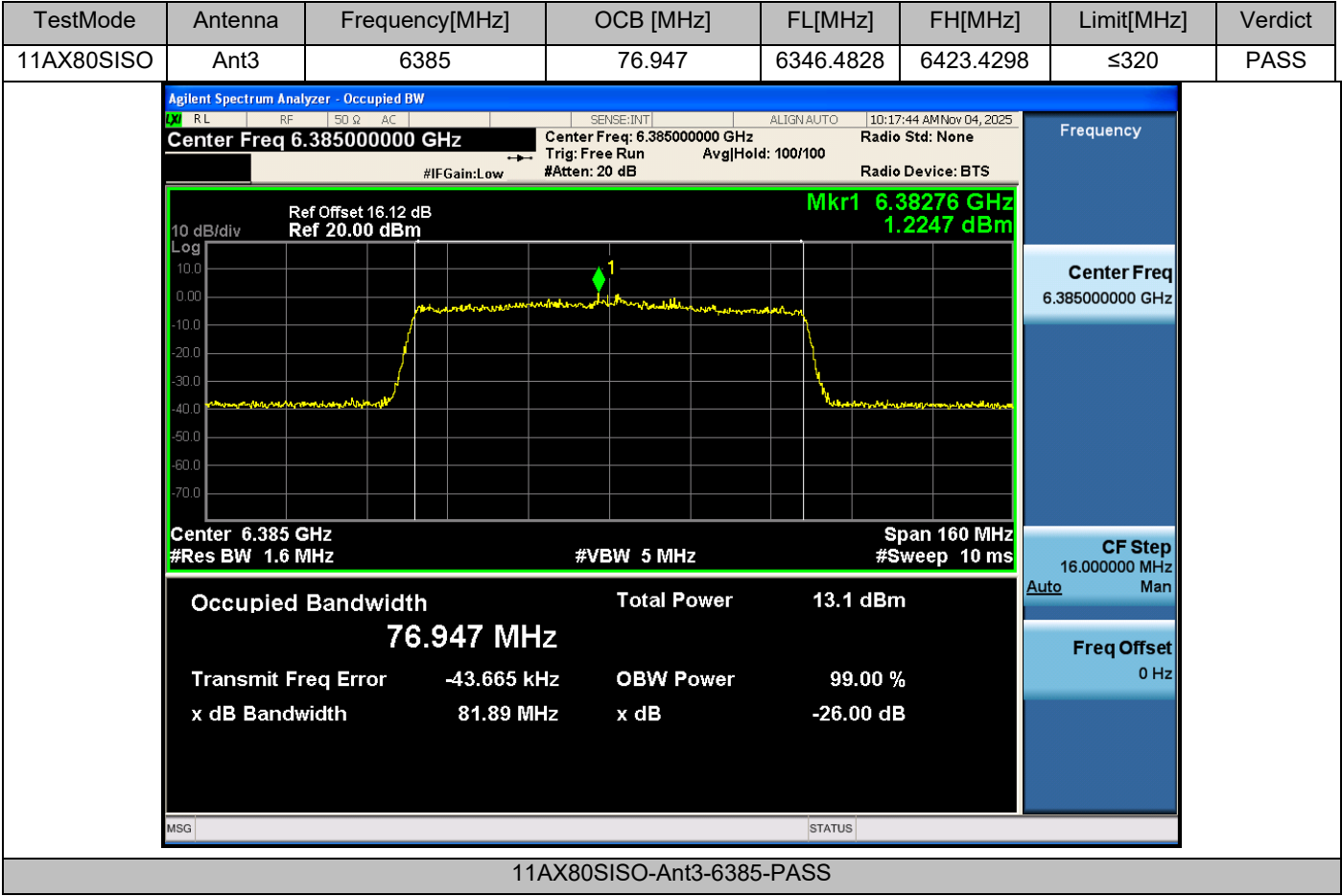
Power Output:

Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	EIRP Power (dBm)	EIRP Limit (dBm)	Result
			Ant3	Ant2		
802.11ax20	45	6175	13.42	12.82	36	PASS

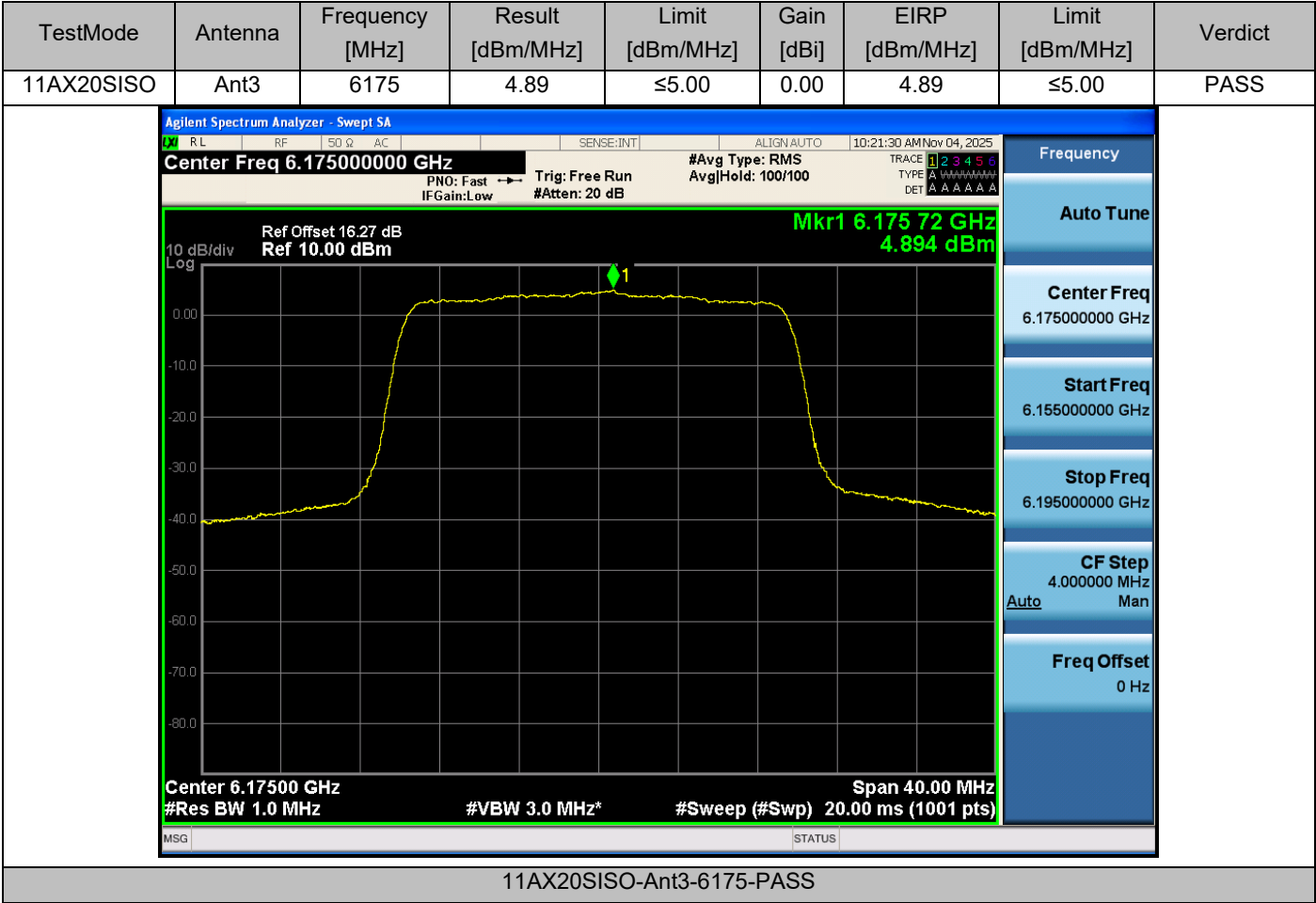
Emission Bandwidth :



Occupied channel bandwidth:

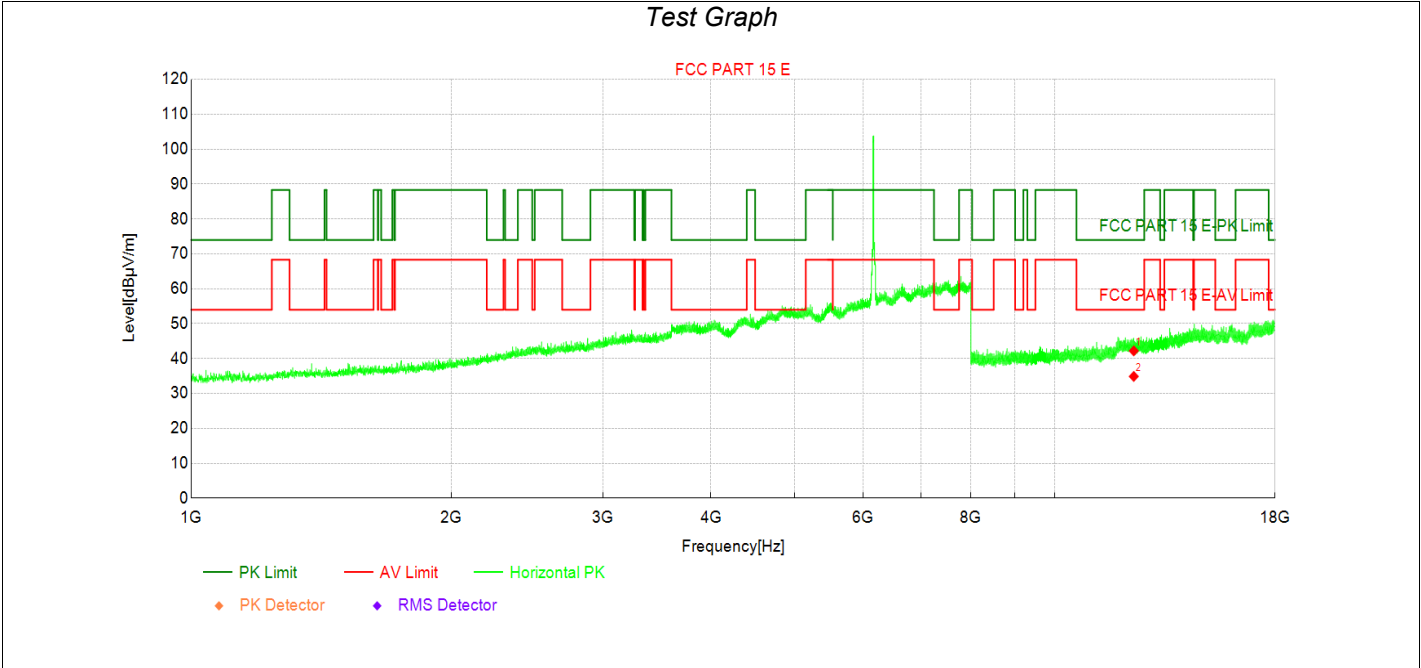


Maximum power spectral density :



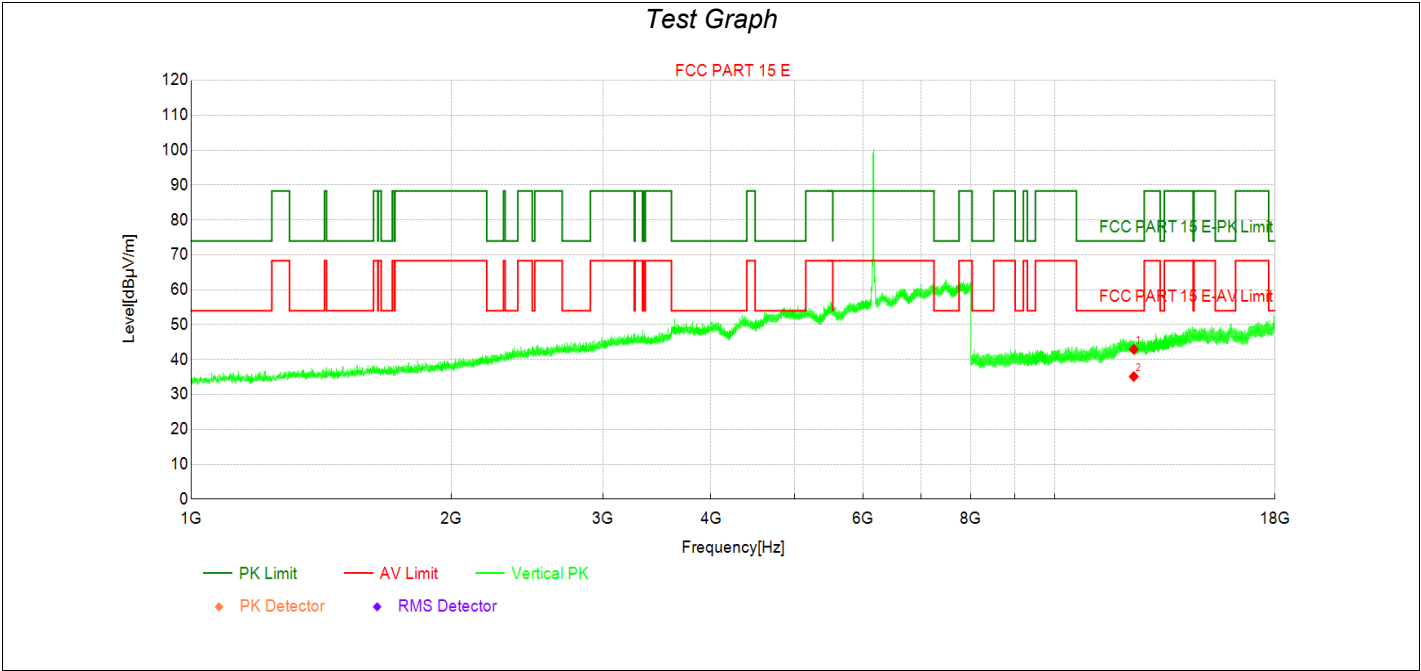
Radiated Spurious Emissions and Band Edge (Restricted-band):

Transmit at 6175MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12350.00	30.92	42.21	11.29	74.00	31.79	PK	Horizo	PASS
2	12350.00	23.59	34.88	11.29	54.00	19.12	AV	Horizo	PASS

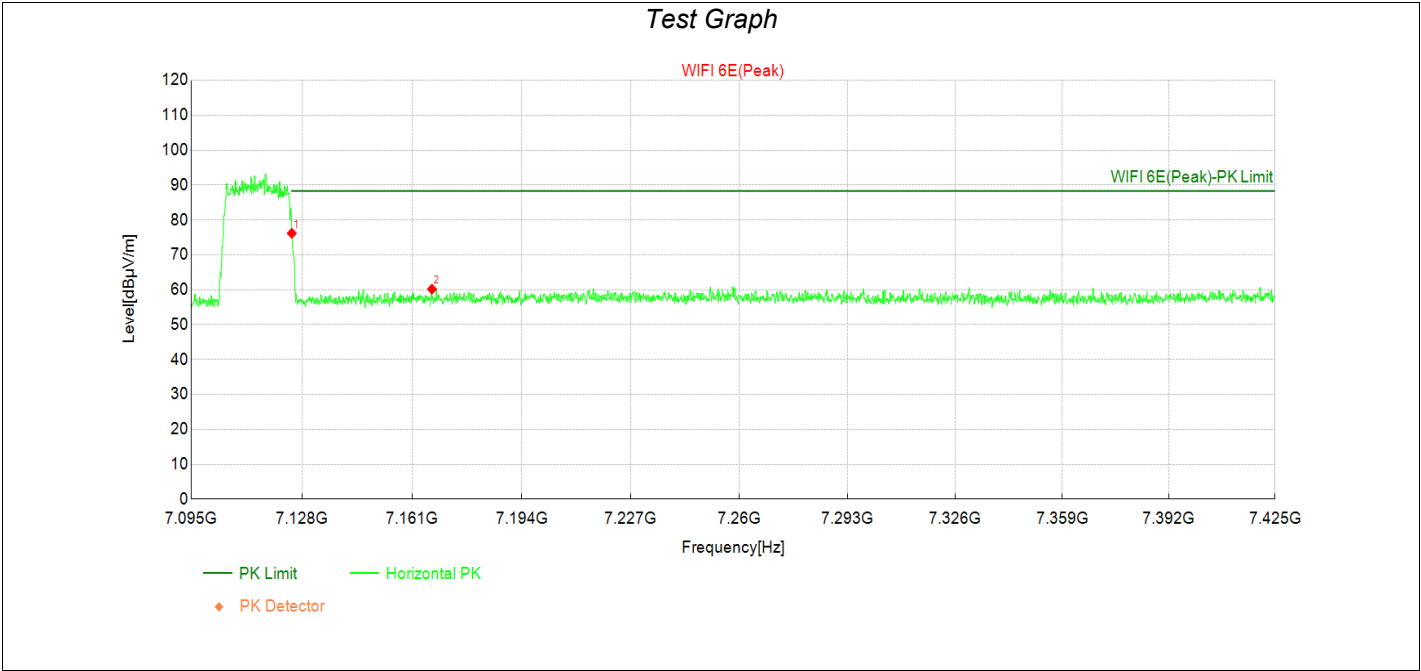
Transmit at 6175MHz by 802.11ax(20MHz) with Ant2+3



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	12350.00	31.62	42.91	11.29	74.00	31.09	PK	Vertic	PASS
2	12350.00	23.84	35.13	11.29	54.00	18.87	AV	Vertic	PASS

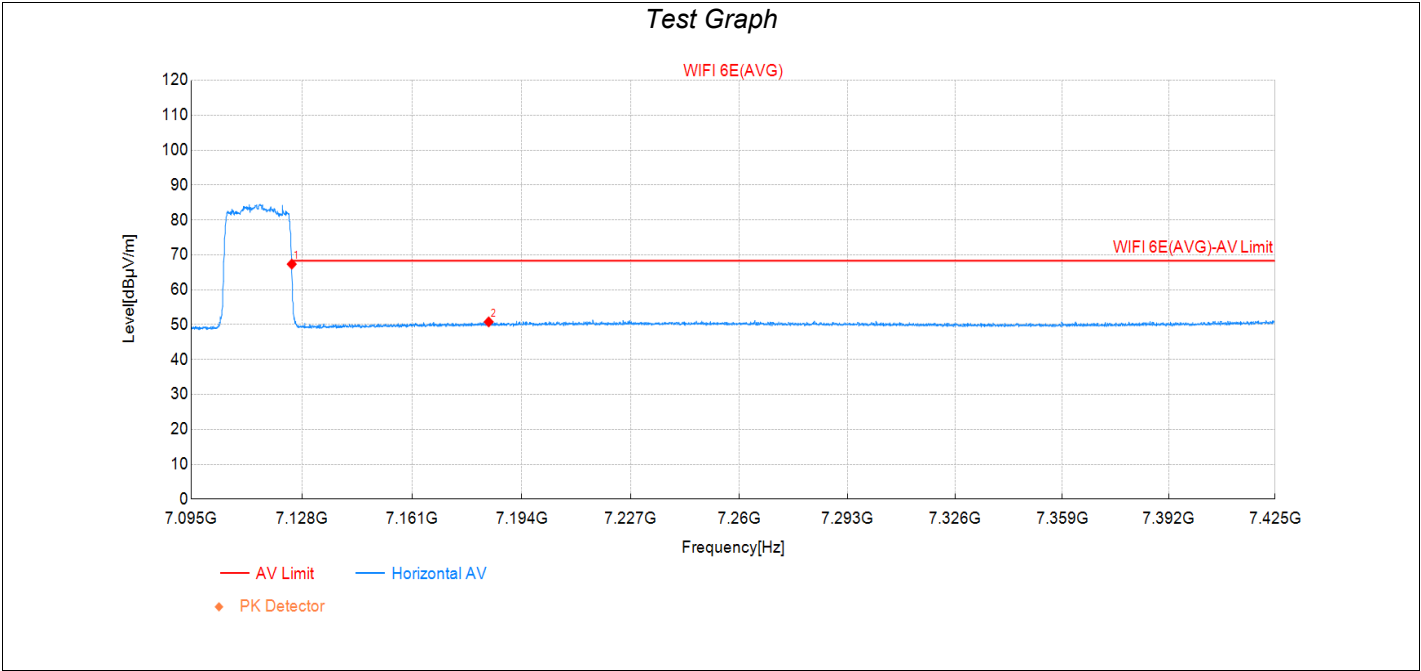
Transmit at 7115MHz by 802.11ax(20MHz) with Ant2+3



Data List

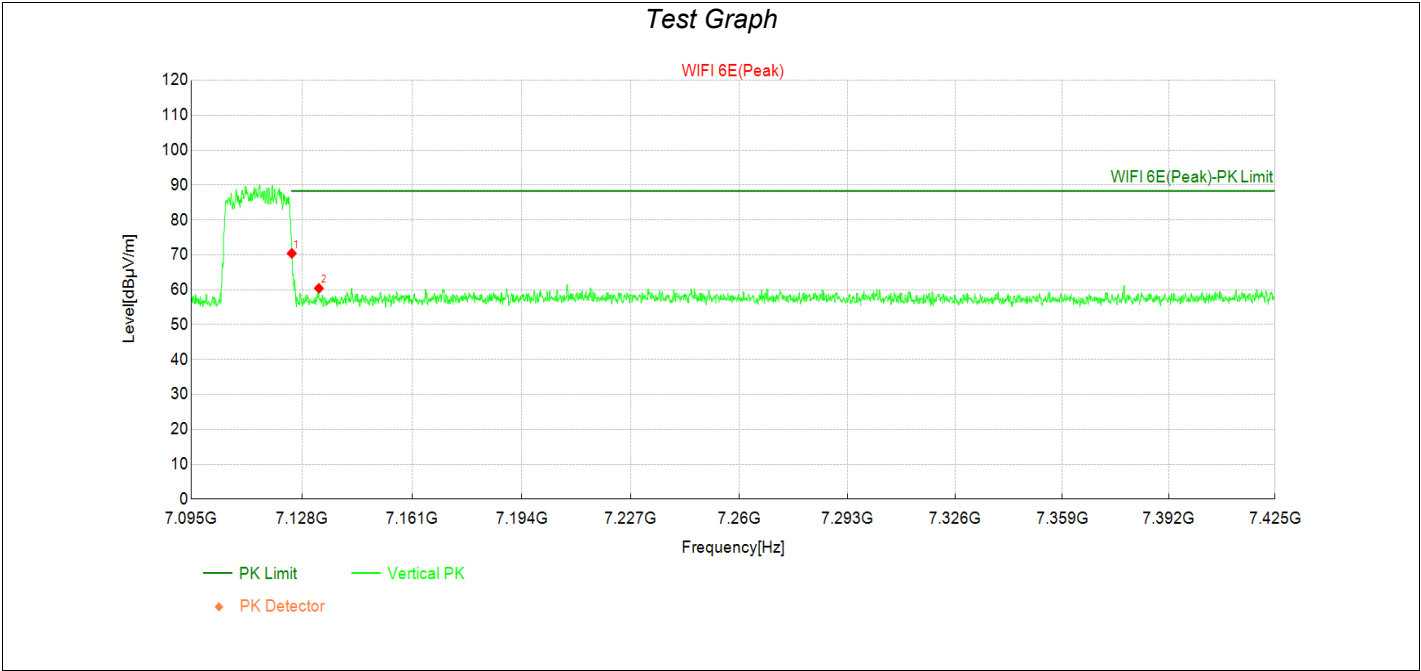
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	7125.00	52.89	76.18	23.29	88.30	12.12	PK	Horizo	PASS
2	7167.02	36.70	60.17	23.47	88.30	28.13	PK	Horizo	PASS

Transmit at 7115MHz by 802.11ax(20MHz) with Ant2+3



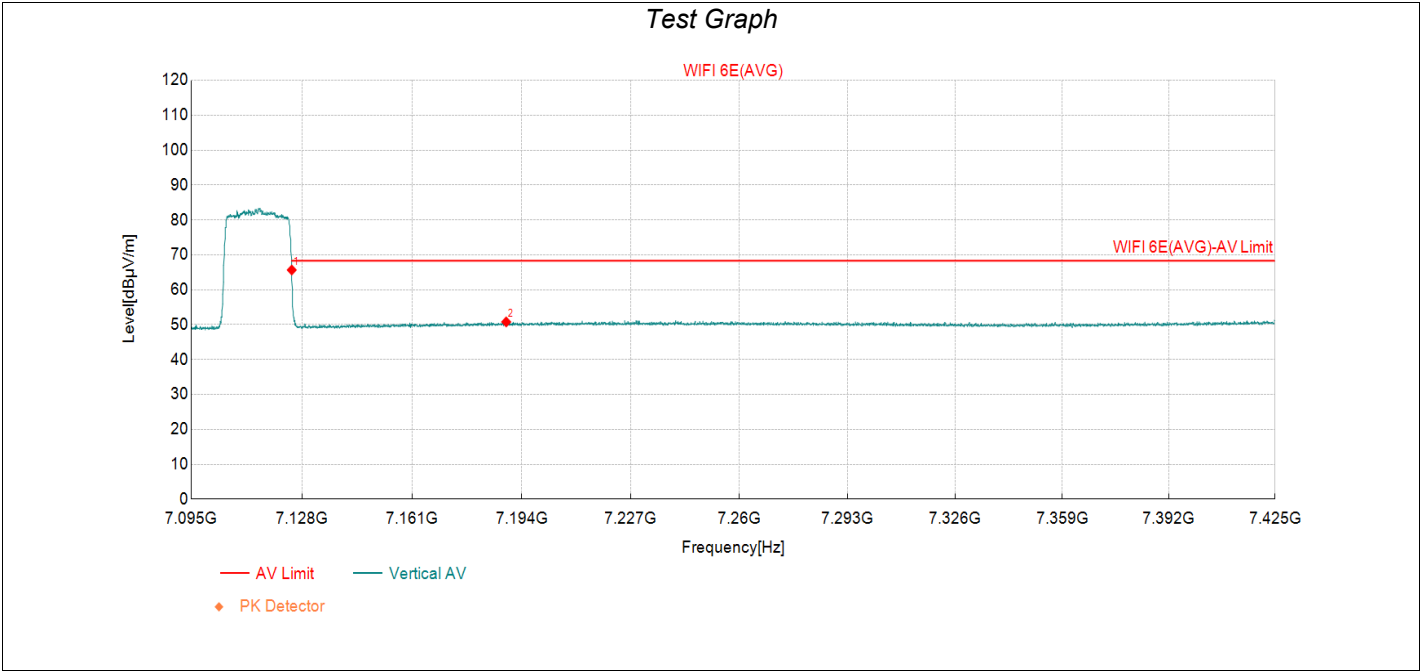
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	7125.00	44.06	67.35	23.29	68.30	0.95	AV	Horizo	PASS
2	7184.10	27.25	50.79	23.54	68.30	17.51	AV	Horizo	PASS

Transmit at 7115MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	7125.00	47.14	70.43	23.29	88.30	17.87	PK	Vertic	PASS
2	7133.12	37.08	60.41	23.33	88.30	27.89	PK	Vertic	PASS

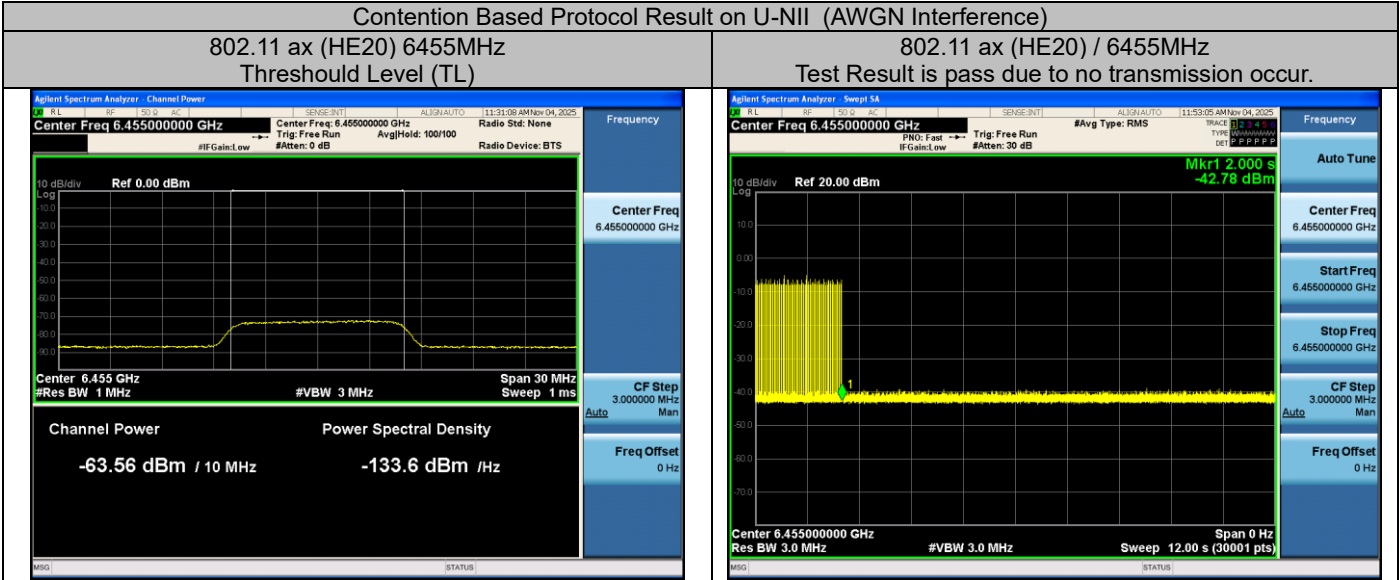
Transmit at 7115MHz by 802.11ax(20MHz) with Ant2+3



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	7125.00	42.37	65.66	23.29	68.30	2.64	AV	Vertic	PASS
2	7189.38	27.22	50.79	23.57	68.30	17.51	AV	Vertic	PASS

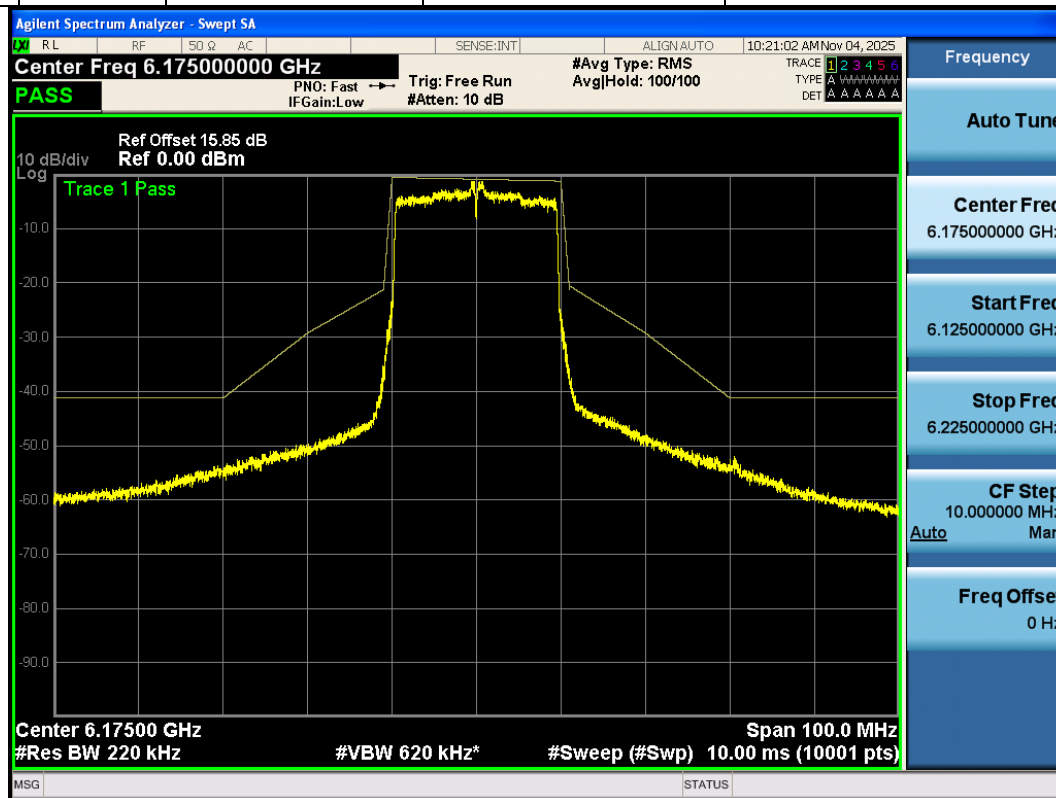
Contention Based Protocol:

TestMode	EUT Frequency [MHz]	AWGN Frequency [MHz]	Injected AWGN Level (dBm)	Detection Rate(%)	Regulated Threshold level (dBm)	Adjusted Power (dBm)	Antenna Gain(dBi)	Margin (dB)
802.11ax(20MHz) UNII-6	6455	6455	-63.56 (worst)	100	-62	-62.46	-1.1	0.46
			Rusult: Stop Transmission					
			66.25	<90	-62	-65.15	-1.1	3.15
			Rusult: Minimal Operation					
			68.66	0	-62	-67.56	-1.1	5.56
			Rusult: Normal Operation					



In-Band Emissions:

Test Mode	Antenna	Frequency[MHz]	Result	Limit	Verdict
11AX20SISO	Ant3	6175	See test graph	See test graph	PASS



NTNV-11AX20SISO-Ant3-6175-PASS

Cross Reference Table:

Reference Device		Variant Device			Key differences			
FCC ID: V2X-PM84P		FCC ID: V2X-PM84PW			Removed 2/3/4&GNSS components			
Rule Part	Test item	Data Referencing	Comments	VdB	RdB	Limit	ddB	ddB Limit
FCC 15.407(a)	Power Output	Y	Pointer to full test exhibit	13.68 dBm	13.42 dBm	36dBm	-0.26	≤3dB
FCC 15.407(a)	Peak Power Spectral Density	Y	Pointer to full test exhibit	5.33 dBm	4.89 dBm	17dBm/ MHz	-0.44	≤3dB
FCC 15.407(a)	Emission bandwidth and occupied bandwidth	Y	Pointer to full test exhibit	81.120 MHz	80.640 MHz	within frequency range	-0.48	≤3dB
FCC 15.209 15.407(b)	Radiated Spurious Emissions	Y	Pointer to full test exhibit	36.54 MHz (dB μ V/m)	35.13 (dB μ V/m)	54(dB μ V/m)	-1.41	≤3dB
FCC 15.209 15.407(b)	Band Edge	Y	Pointer to full test exhibit	66.97 (dB μ V/m)	67.35 (dB μ V/m)	68.3(dB μ V/m)	0.38	≤3dB
15.407(d)	Contention Based Protocol	Y	Pointer to full test exhibit	-63.43 dBm	-63.56 dBm	-62dBm	-0.13	≤3dB
FCC 15.207	AC Power Line Conducted Emission	N	Refresh test	N/A	N/A	N/A	N/A	N/A

The End