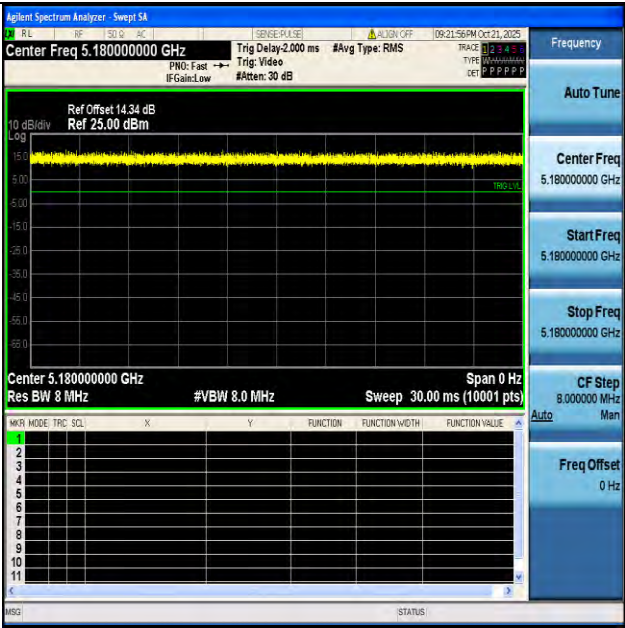
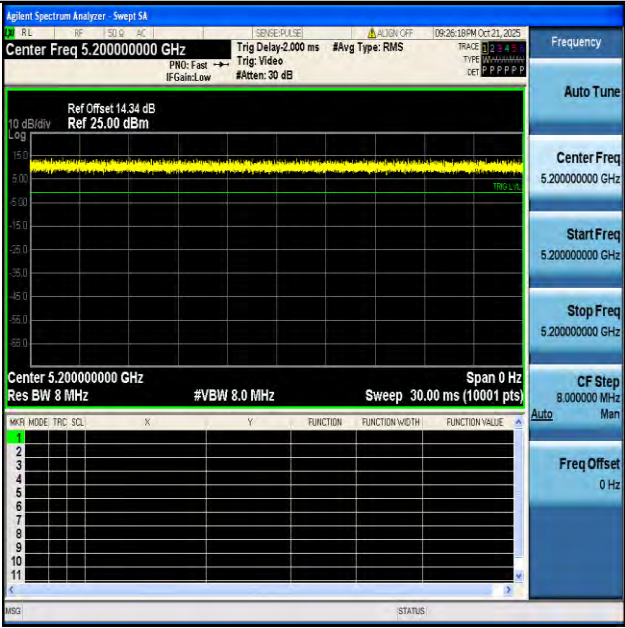
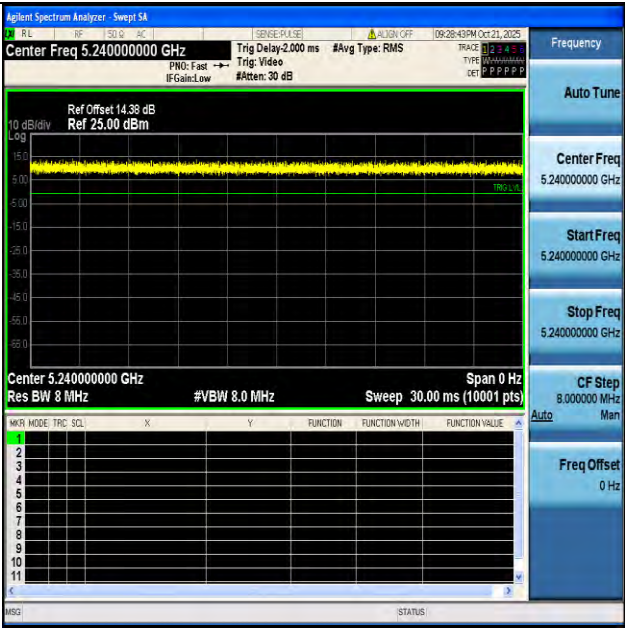




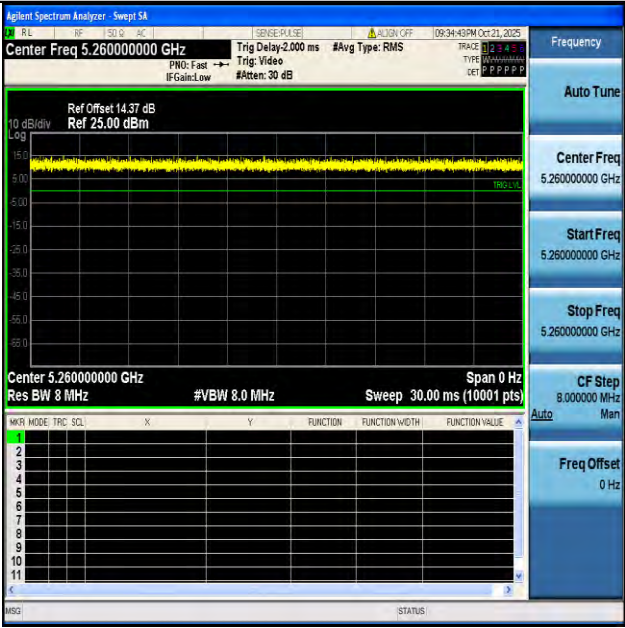
NTNV-11N20SISO-Ant1-5200



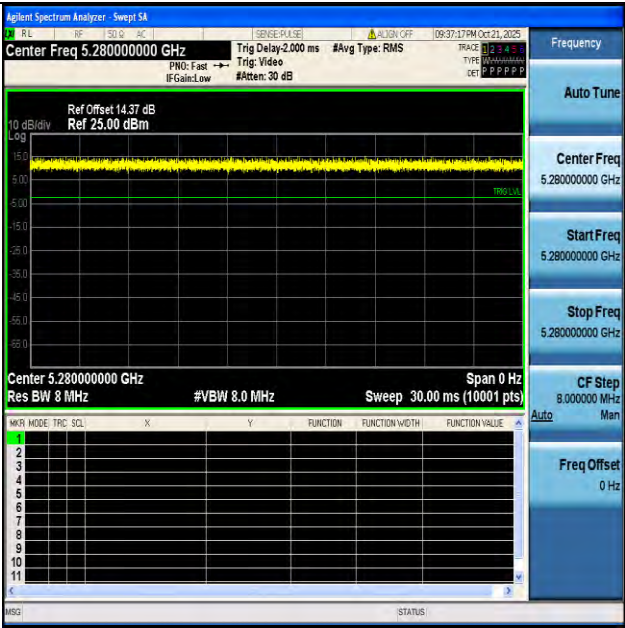
NTNV-11N20SISO-Ant1-5240



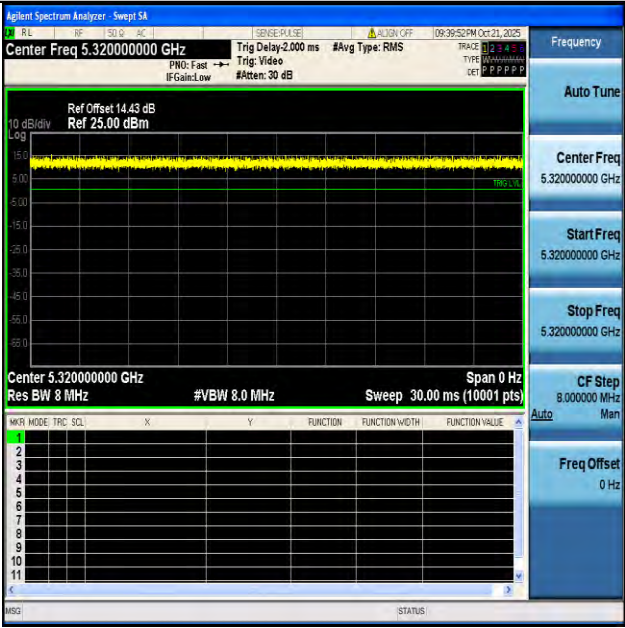
NTNV-11N20SISO-Ant1-5260



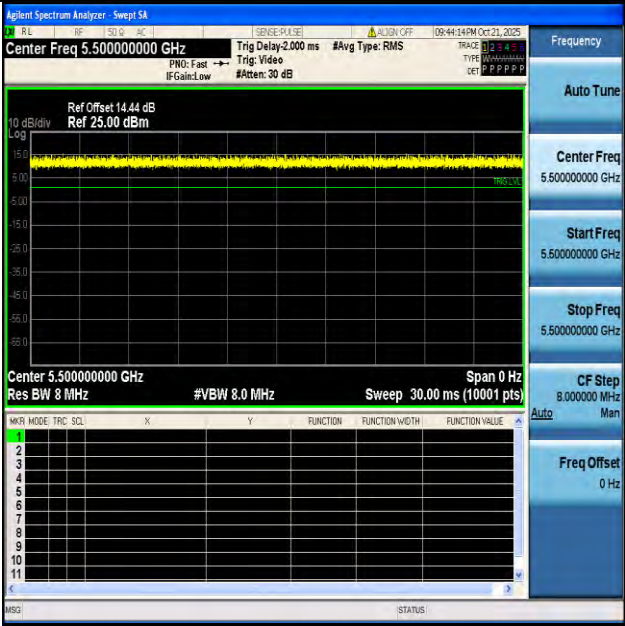
NTNV-11N20SISO-Ant1-5280



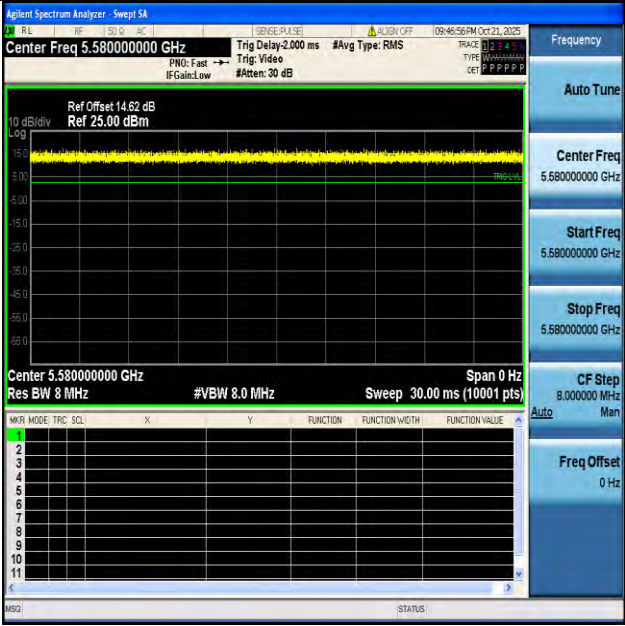
NTVN-11N20SISO-Ant1-5320



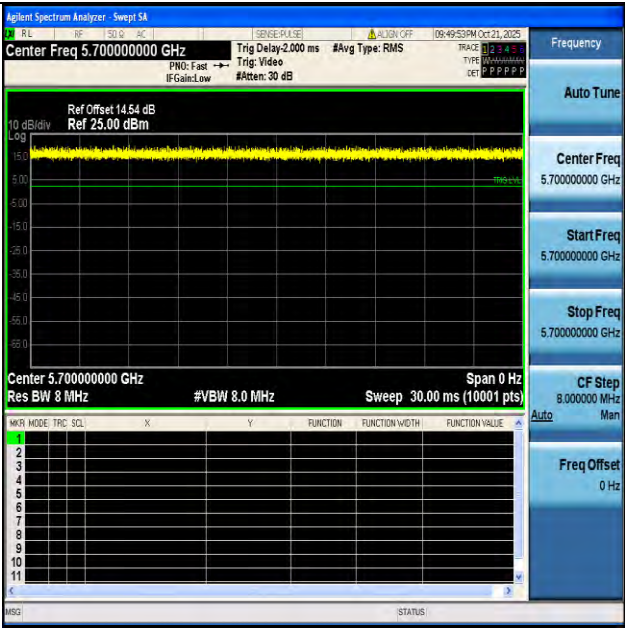
NTVN-11N20SISO-Ant1-5500



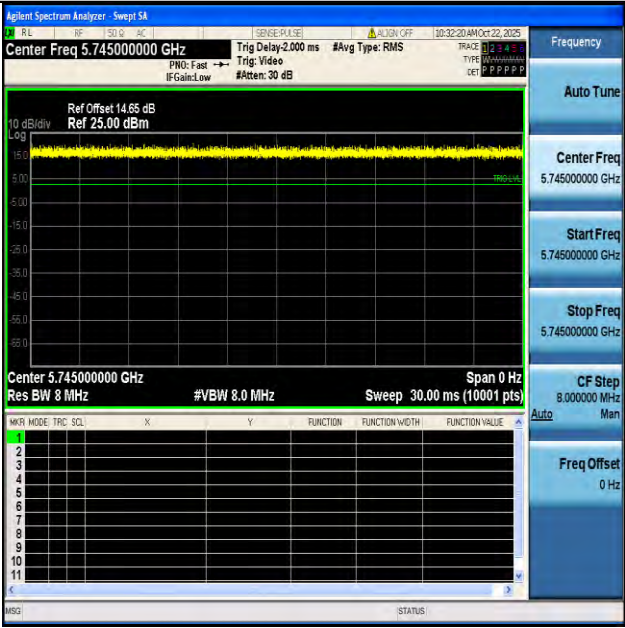
NTNV-11N20SISO-Ant1-5580



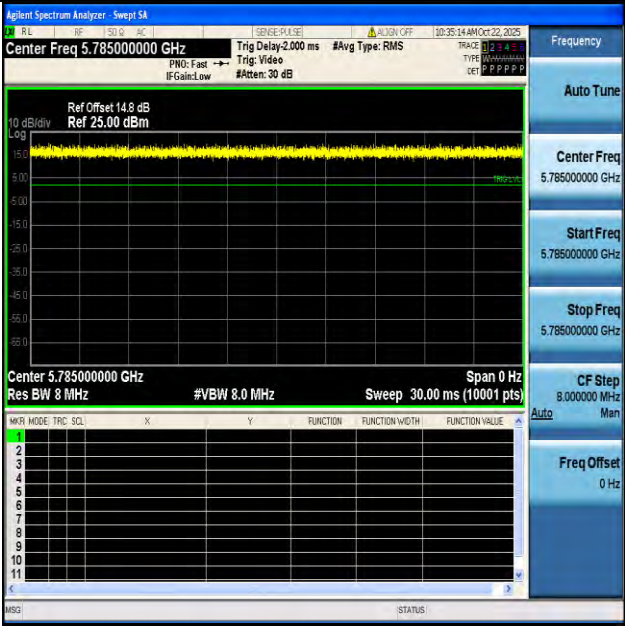
NTNV-11N20SISO-Ant1-5700



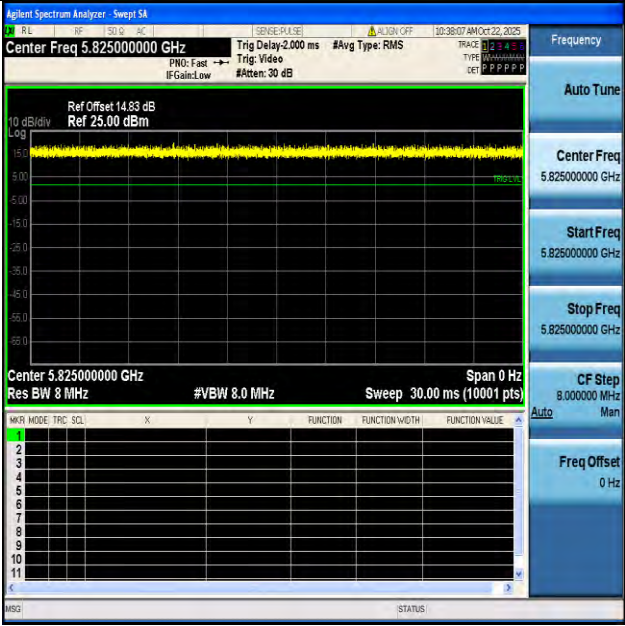
NTNV-11N20SISO-Ant1-5745



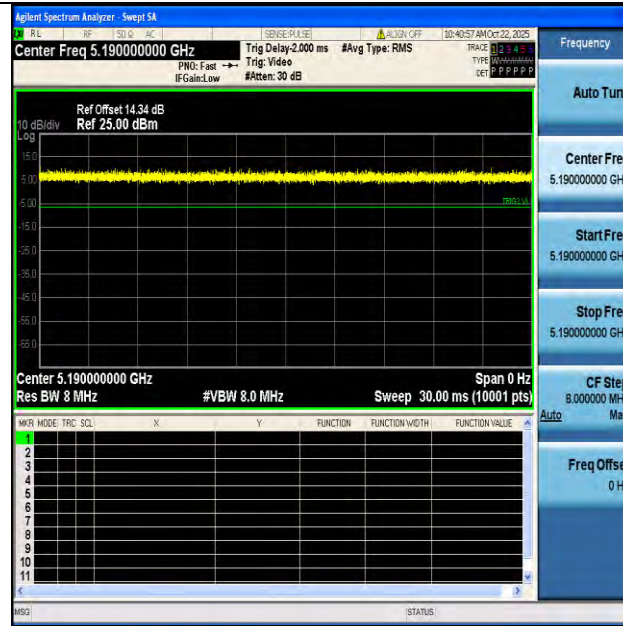
NTNV-11N20SISO-Ant1-5785



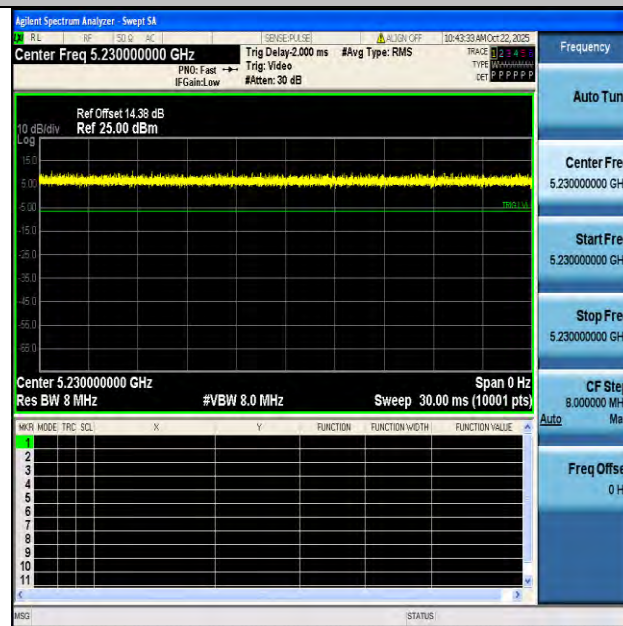
NTNV-11N20SISO-Ant1-5825



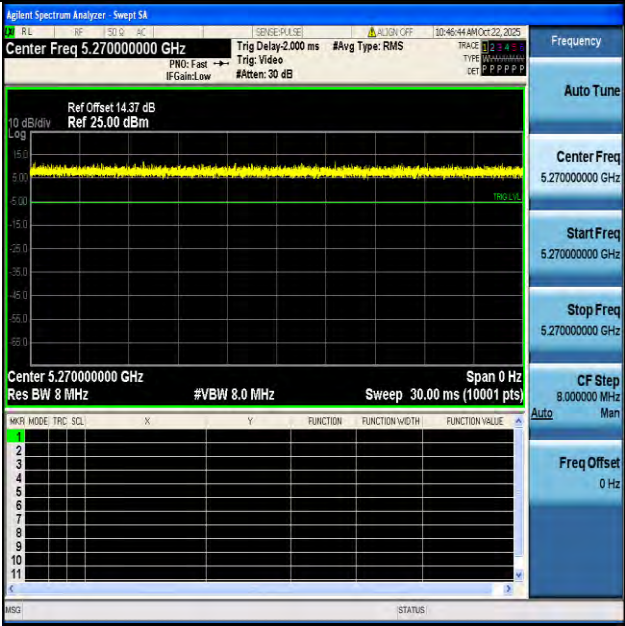
NTNV-11N40SISO-Ant1-5190



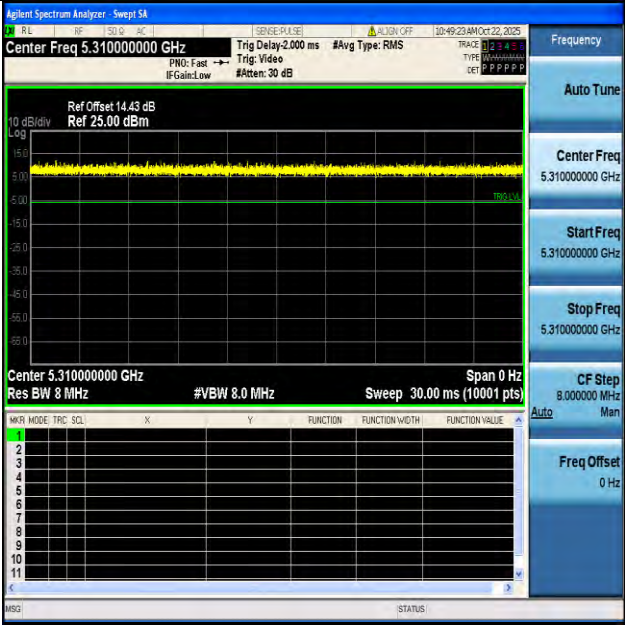
NTNV-11N40SISO-Ant1-5230



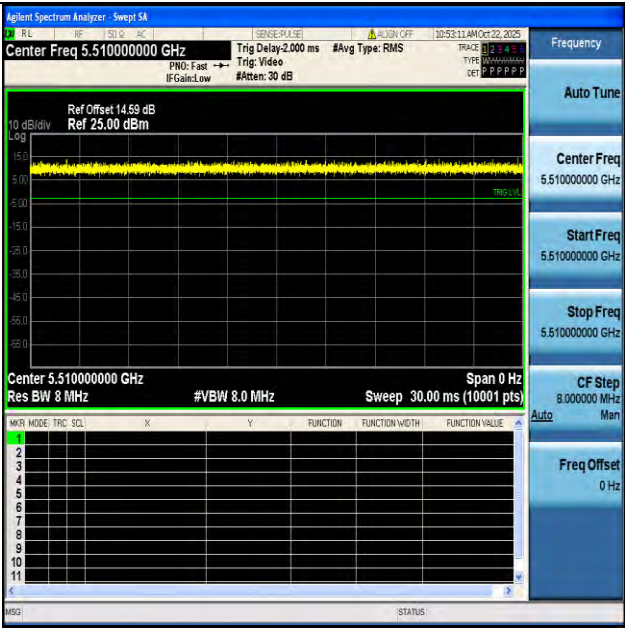
NTNV-11N40SISO-Ant1-5270



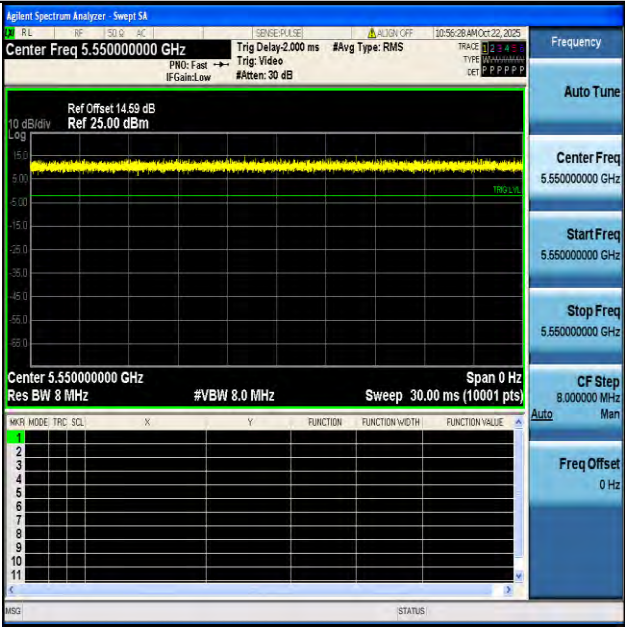
NTNV-11N40SISO-Ant1-5310



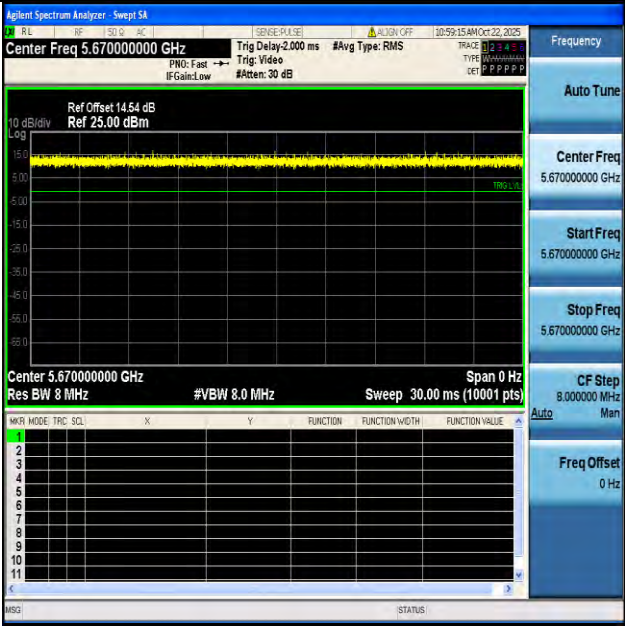
NTNV-11N40SISO-Ant1-5510



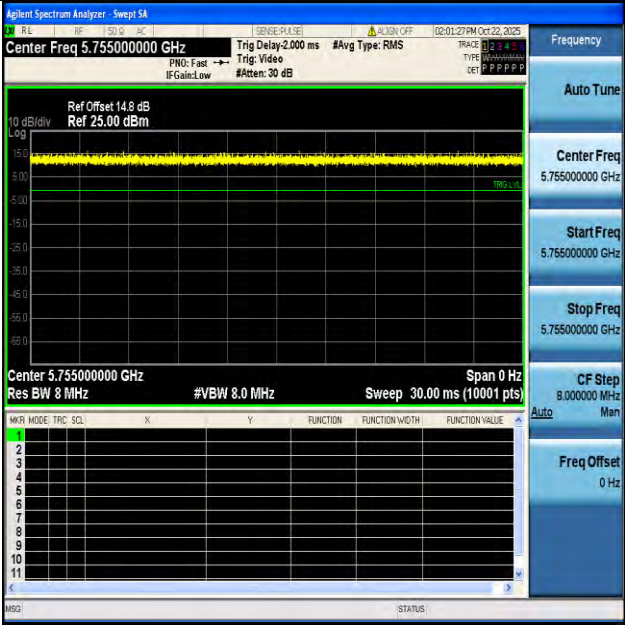
NTNV-11N40SISO-Ant1-5550



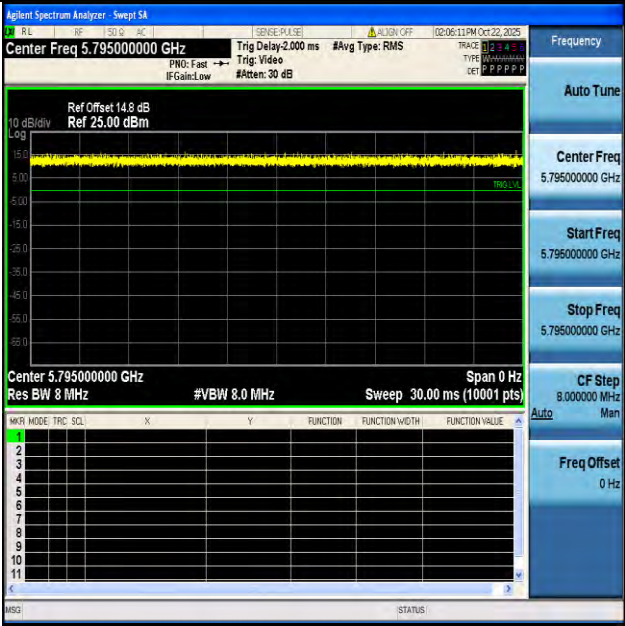
NTNV-11N40SISO-Ant1-5670



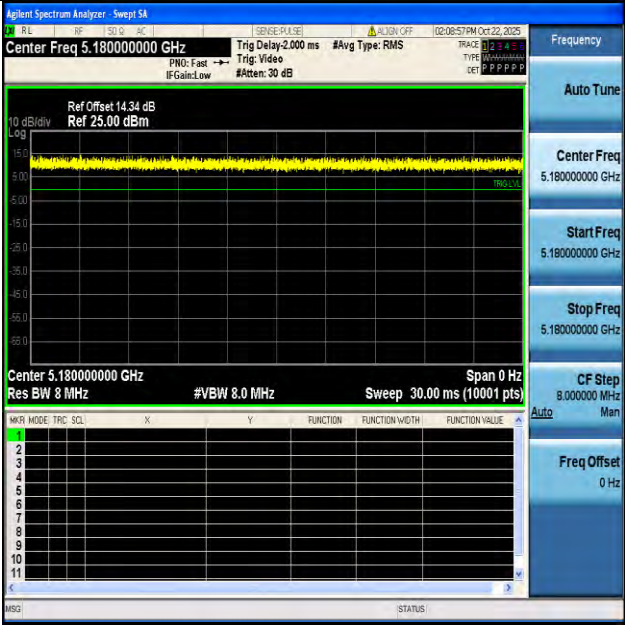
NTNV-11N40SISO-Ant1-5755



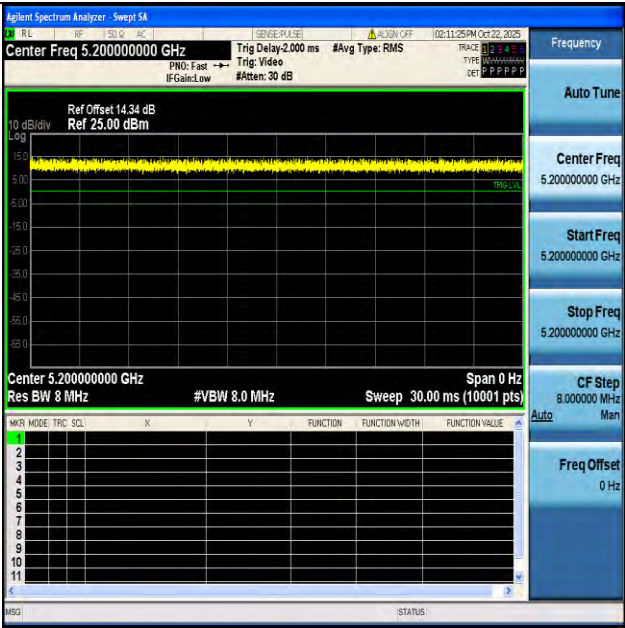
NTNV-11N40SISO-Ant1-5795



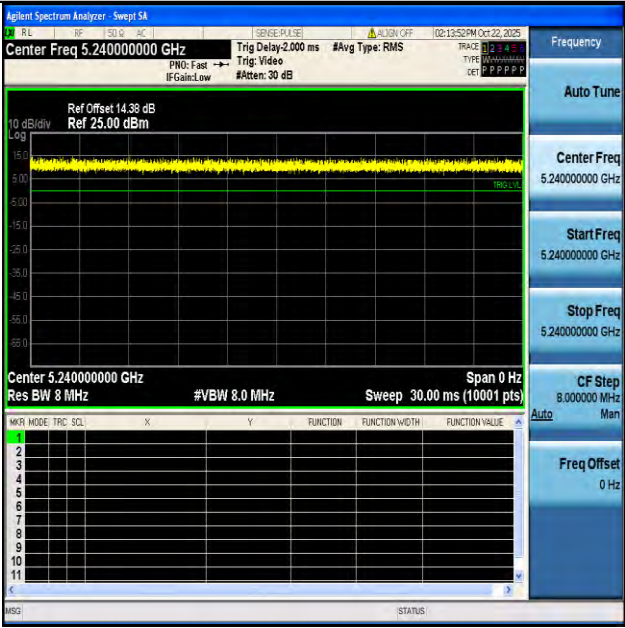
NTNV-11AC20SISO-Ant1-5180



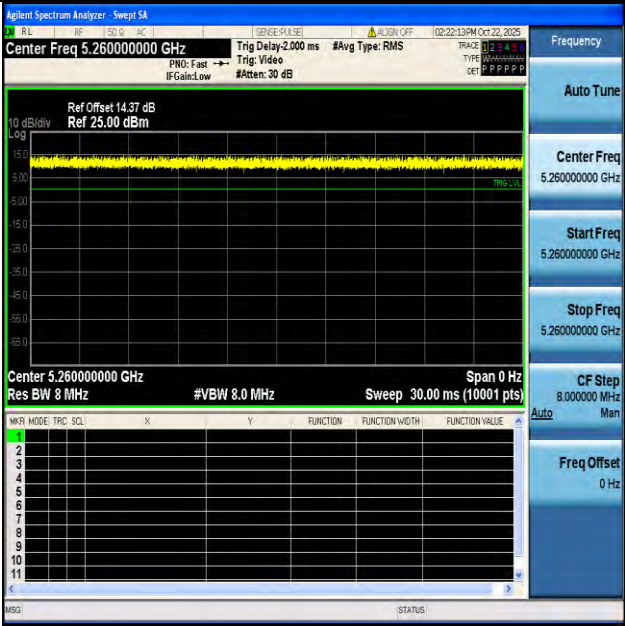
NTNV-11AC20SISO-Ant1-5200



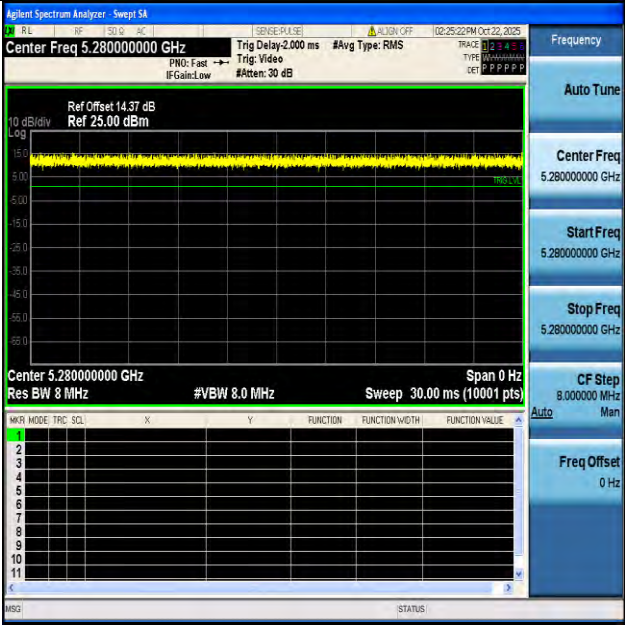
NTNV-11AC20SISO-Ant1-5240



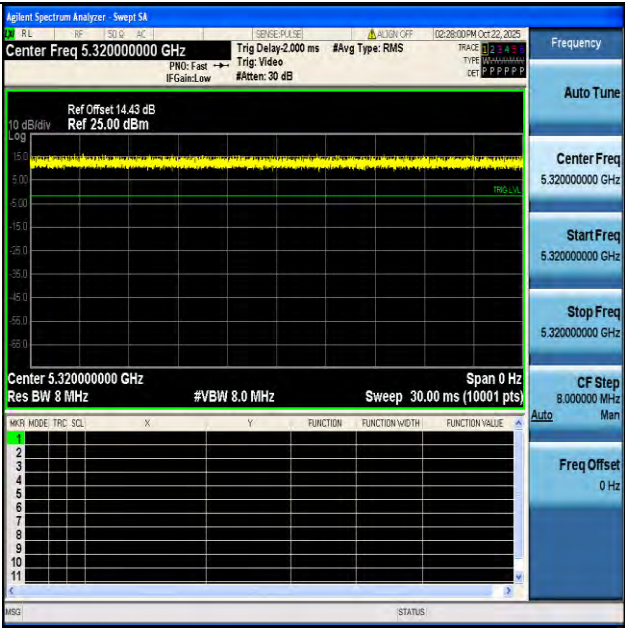
NTNV-11AC20SISO-Ant1-5260



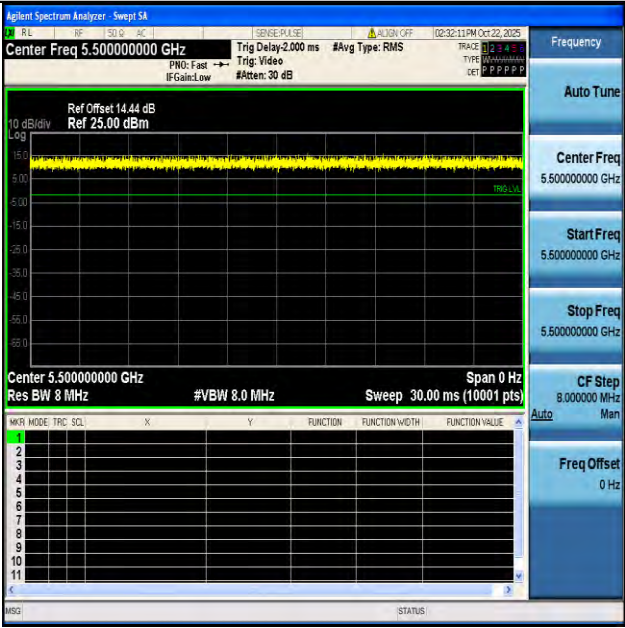
NTNV-11AC20SISO-Ant1-5280



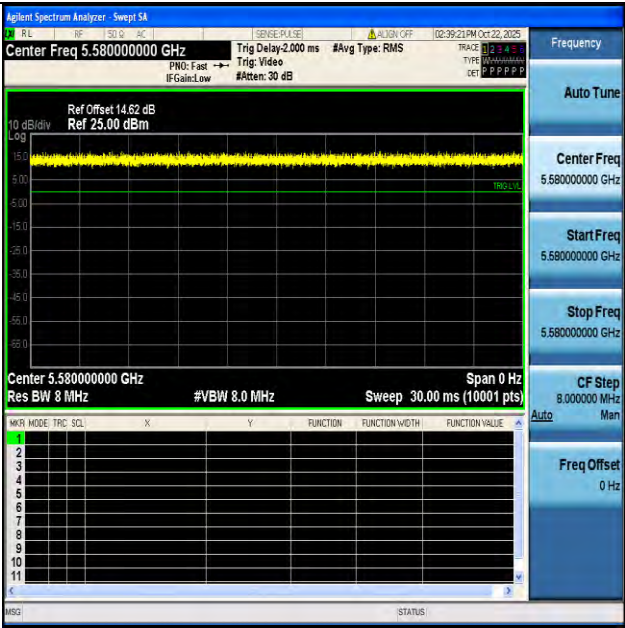
NTNV-11AC20SISO-Ant1-5320



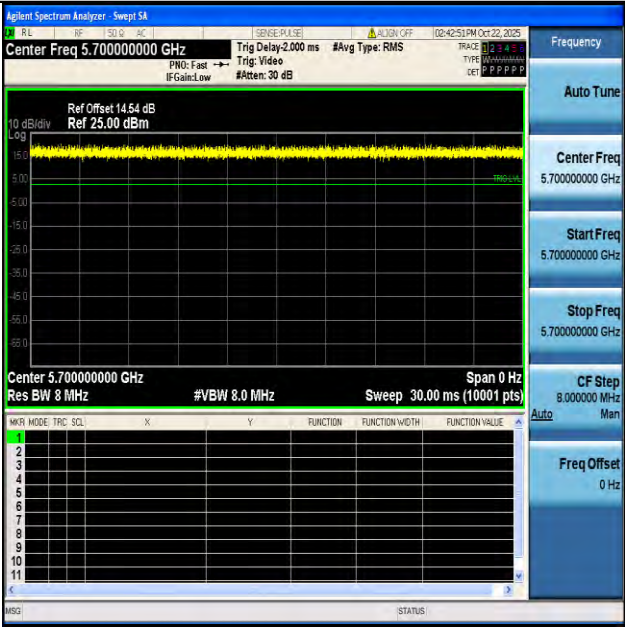
NTNV-11AC20SISO-Ant1-5500



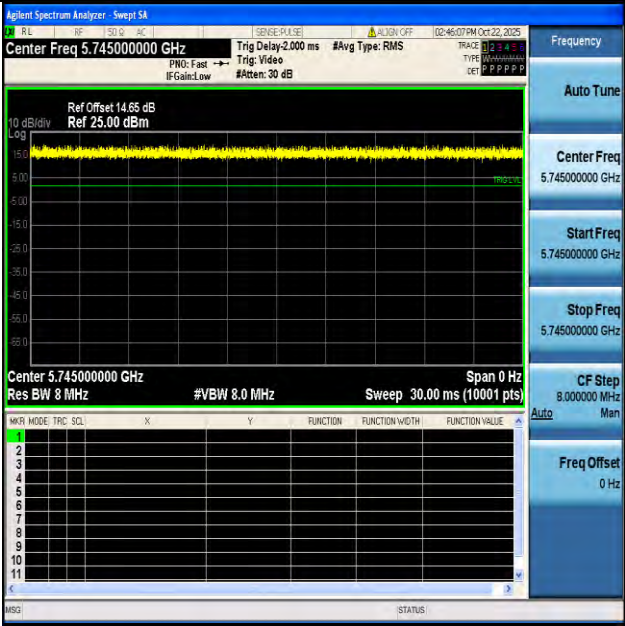
NTNV-11AC20SISO-Ant1-5580



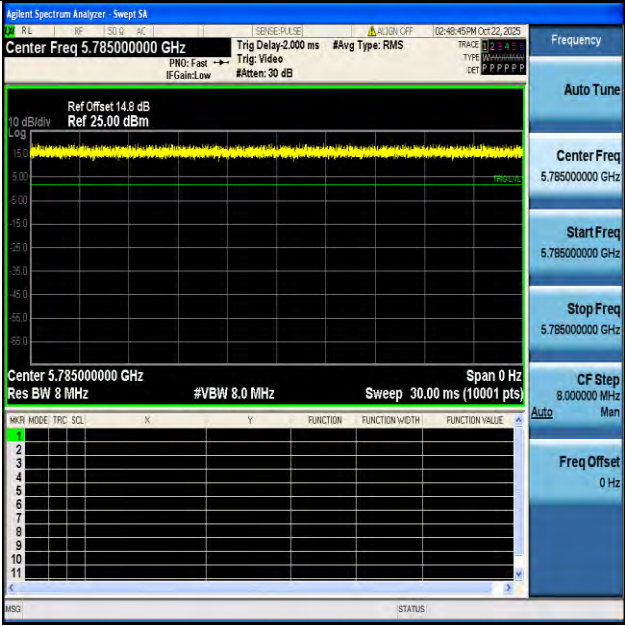
NTNV-11AC20SISO-Ant1-5700



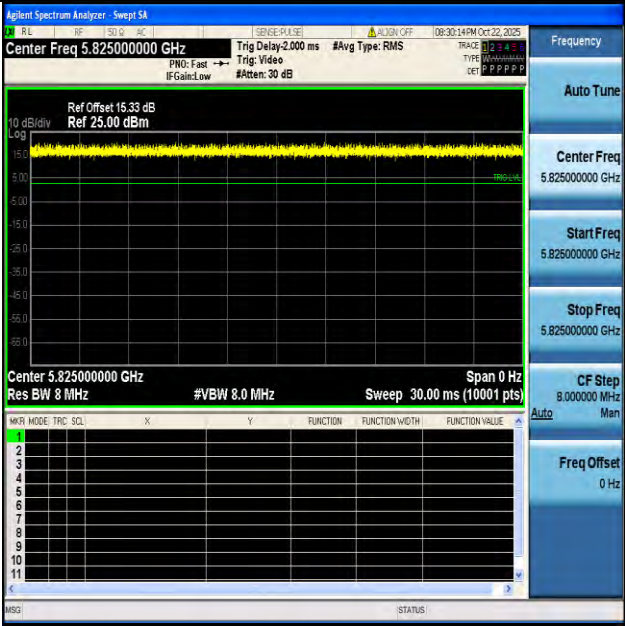
NTNV-11AC20SISO-Ant1-5745



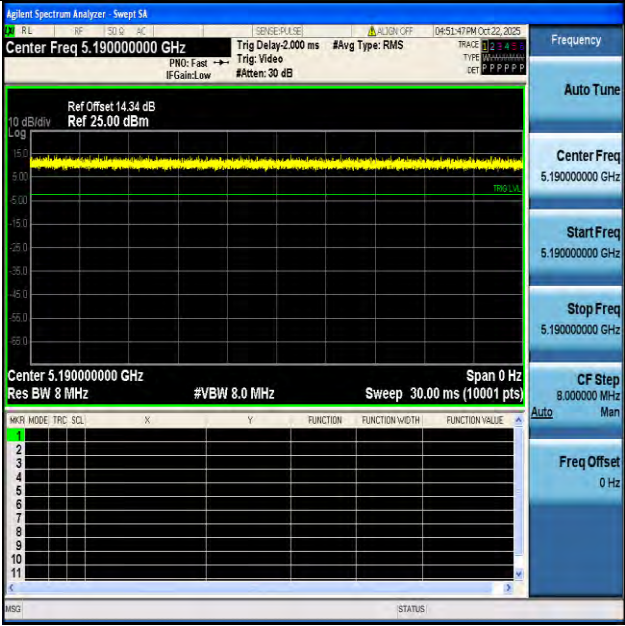
NTNV-11AC20SISO-Ant1-5785



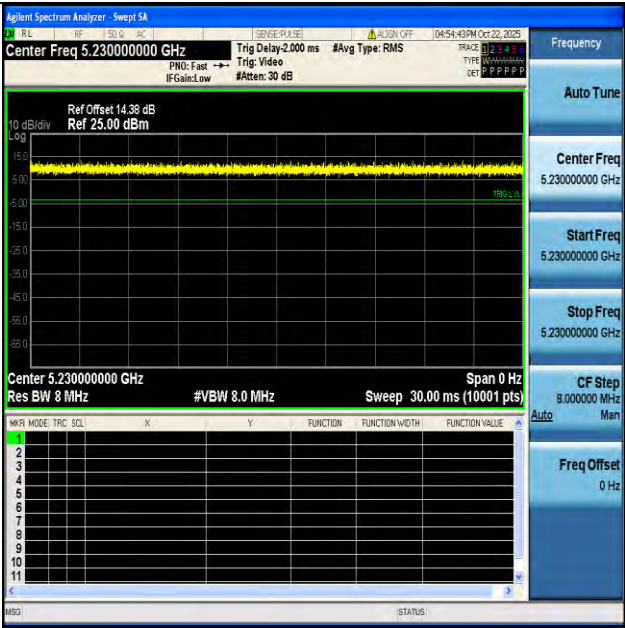
NTNV-11AC20SISO-Ant1-5825



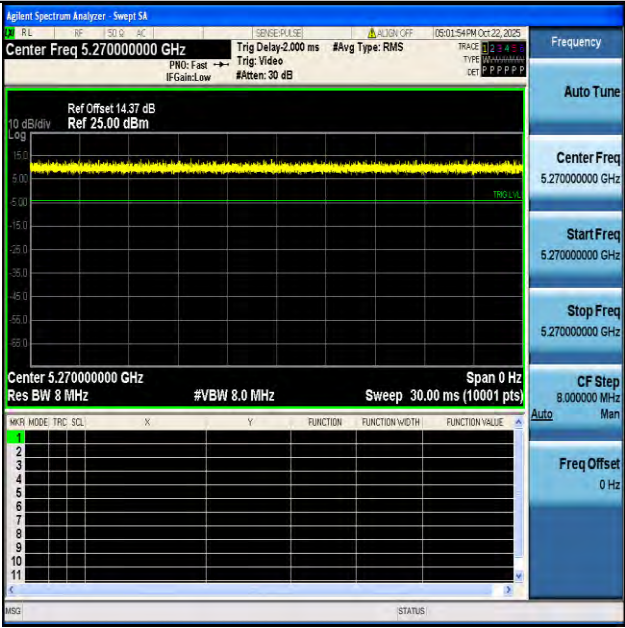
NTNV-11AC40SISO-Ant1-5190



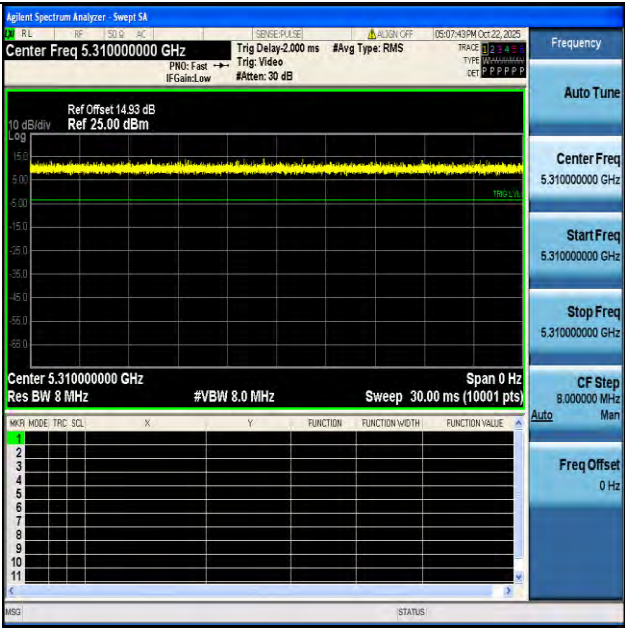
NTNV-11AC40SISO-Ant1-5230



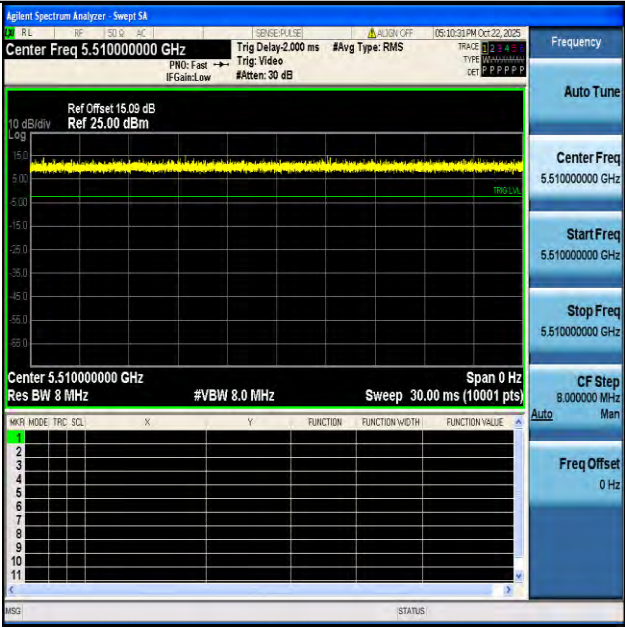
NTNV-11AC40SISO-Ant1-5270



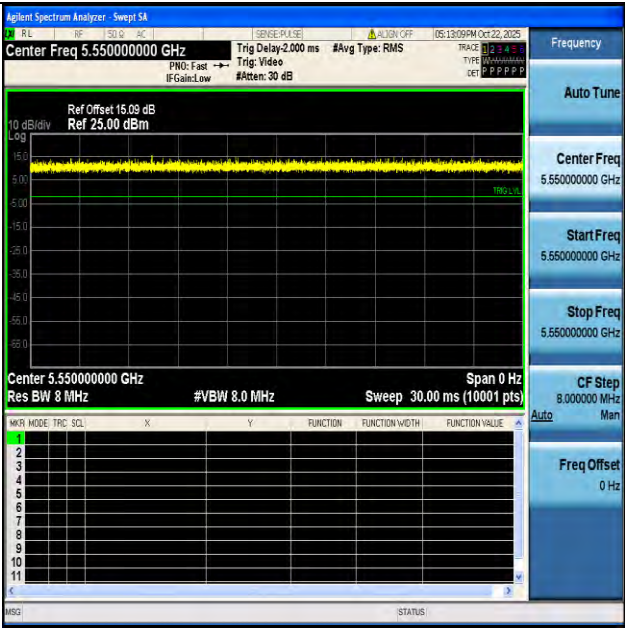
NTNV-11AC40SISO-Ant1-5310



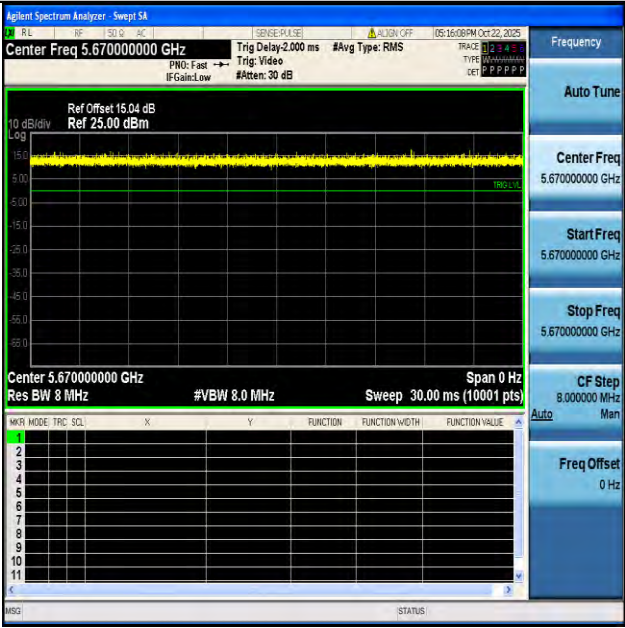
NTNV-11AC40SISO-Ant1-5510



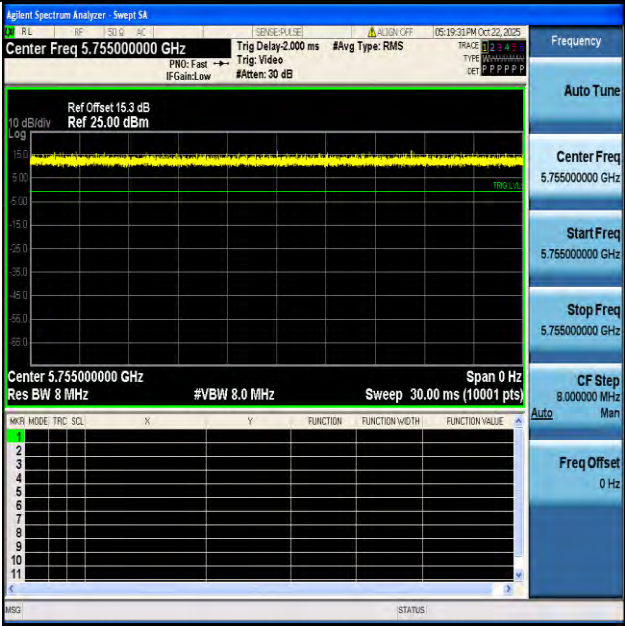
NTNV-11AC40SISO-Ant1-5550



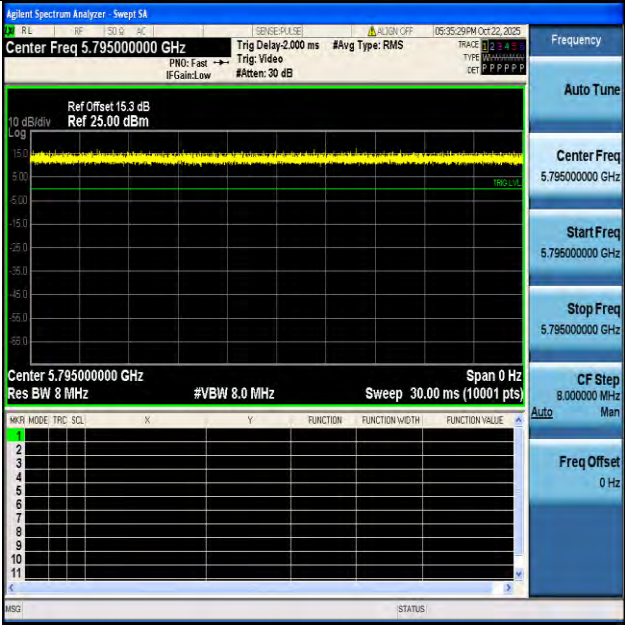
NTNV-11AC40SISO-Ant1-5670



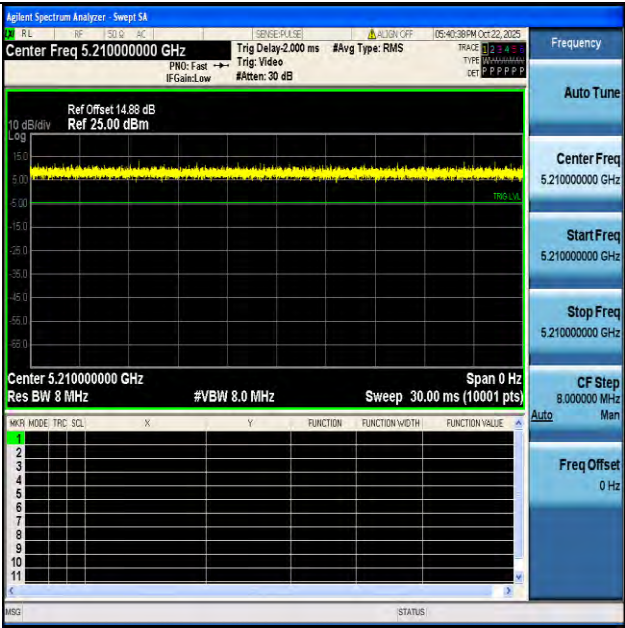
NTNV-11AC40SISO-Ant1-5755



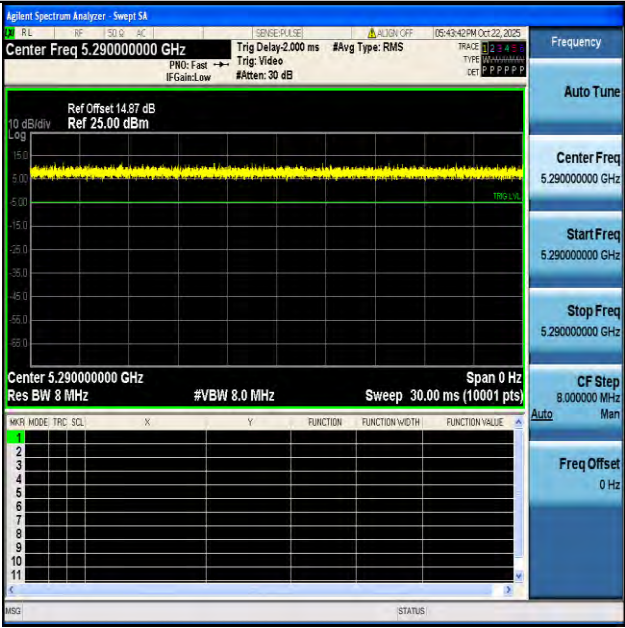
NTNV-11AC40SISO-Ant1-5795



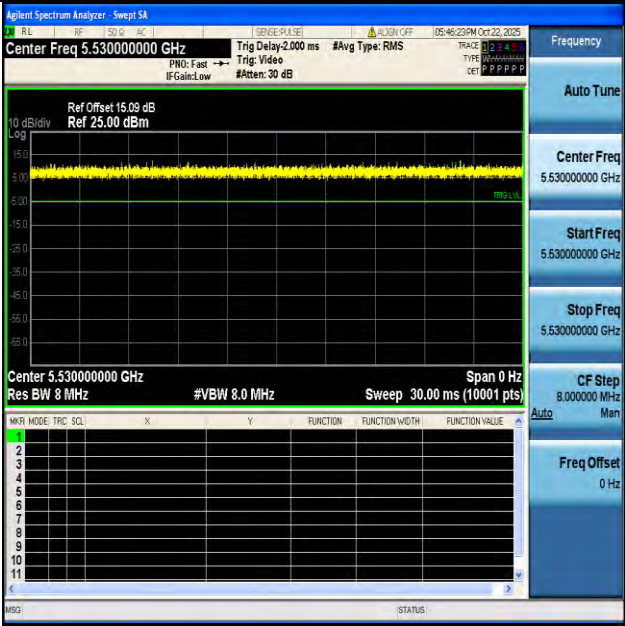
NTNV-11AC80SISO-Ant1-5210



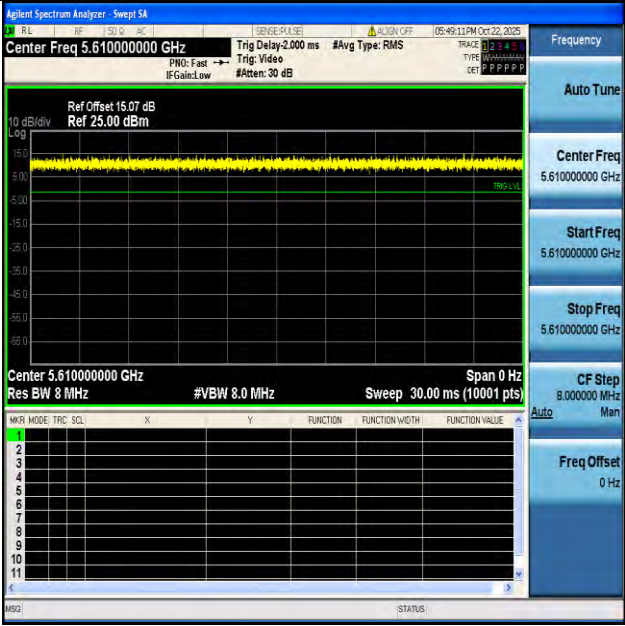
NTNV-11AC80SISO-Ant1-5290



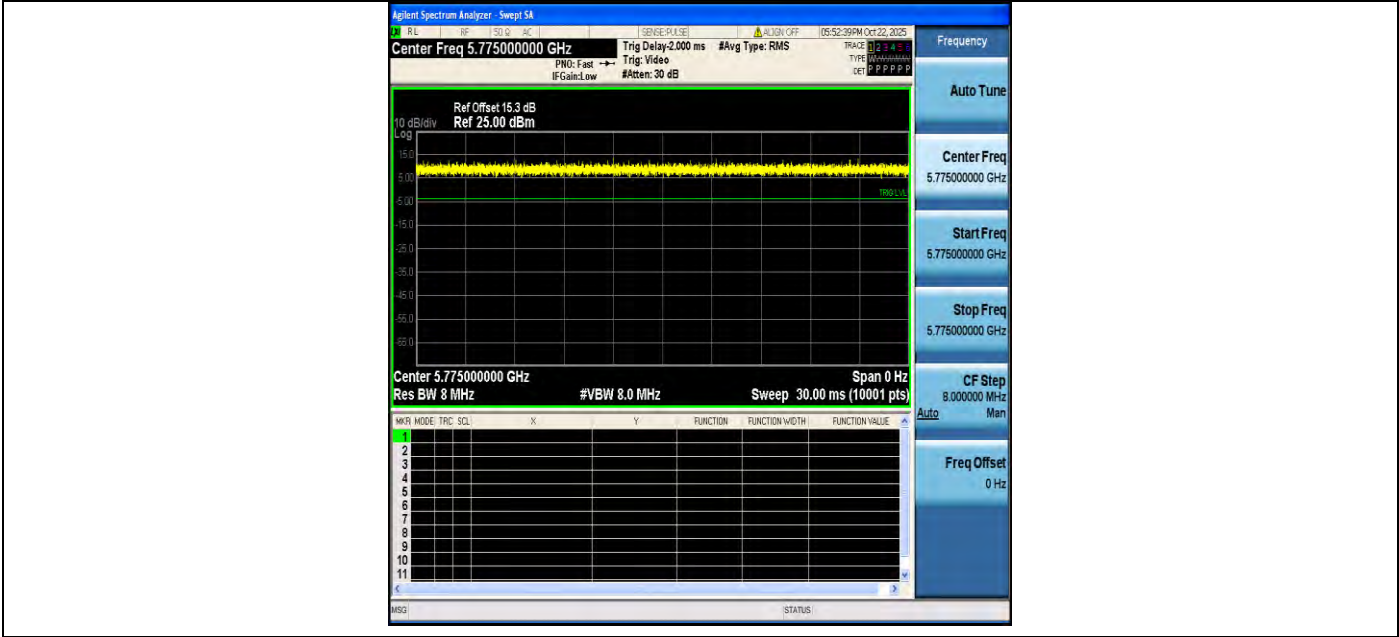
NTNV-11AC80SISO-Ant1-5530



NTNV-11AC80SISO-Ant1-5610



NTNV-11AC80SISO-Ant1-5775



Appendix E: Power Output

Mode	Channel	Test Frequency (MHz)	Conducted Power(dBm)			Conducted Power Limit (dBm)	Result
			Ant1	Ant2	Ant1+2		
802.11a	36	5180	14.28	14.46	N/A	≤24	Pass
	44	5220	14.26	14.38	N/A	≤24	Pass
	48	5240	14.43	14.45	N/A	≤24	Pass
	52	5260	15.26	15.27	N/A	≤24	Pass
	60	5300	15.34	15.55	N/A	≤24	Pass
	64	5320	15.22	15.12	N/A	≤24	Pass
	100	5500	15.81	15.28	N/A	≤24	Pass
	116	5580	15.82	15.52	N/A	≤24	Pass
	140	5700	15.73	15.53	N/A	≤24	Pass
	149	5745	15.38	15.88	N/A	≤30	Pass
	157	5785	15.43	15.15	N/A	≤30	Pass
	165	5825	15.71	15.23	N/A	≤30	Pass
802.11n20	36	5180	11.73	13.12	15.49	≤24	Pass
	44	5220	12.43	13.42	15.96	≤24	Pass
	48	5240	12.13	13.25	15.74	≤24	Pass
	52	5260	11.82	13.21	15.58	≤24	Pass
	60	5300	12.32	13.35	15.88	≤24	Pass
	64	5320	12.75	12.88	15.83	≤24	Pass
	100	5500	9.82	14.42	15.71	≤24	Pass
	116	5580	12.05	13.42	15.80	≤24	Pass
	140	5700	14.05	11.34	15.91	≤24	Pass
	149	5745	13.85	11.73	15.93	≤30	Pass
	157	5785	14.25	11.12	15.97	≤30	Pass
	165	5825	14.12	11.05	15.86	≤30	Pass
802.11n40	38	5190	11.57	12.42	15.03	≤24	Pass
	46	5230	11.15	12.55	14.92	≤24	Pass
	54	5270	11.02	12.37	14.76	≤24	Pass
	62	5310	10.14	12.45	14.46	≤24	Pass
	102	5510	10.2	12.32	14.40	≤24	Pass
	118	5590	10.45	12.49	14.60	≤24	Pass
	134	5670	12.45	10.62	14.64	≤24	Pass
	151	5755	12.75	9.96	14.59	≤30	Pass
	159	5795	13.01	9.86	14.72	≤30	Pass

802.11ac20	36	5180	11.91	13.27	15.65	≤24	Pass
	44	5220	12.55	13.59	16.11	≤24	Pass
	48	5240	12.3	13.27	15.82	≤24	Pass
	52	5260	11.94	13.25	15.65	≤24	Pass
	60	5300	12.46	13.43	15.98	≤24	Pass
	64	5320	12.9	13.02	15.97	≤24	Pass
	100	5500	9.82	14.55	15.81	≤24	Pass
	116	5580	12.17	13.58	15.94	≤24	Pass
	140	5700	14.07	11.44	15.96	≤24	Pass
	149	5745	14.00	11.77	16.04	≤30	Pass
	157	5785	14.34	11.20	16.06	≤30	Pass
	165	5825	14.29	11.12	16.00	≤30	Pass
802.11ac40	38	5190	11.68	12.44	15.09	≤24	Pass
	46	5230	11.20	12.74	15.05	≤24	Pass
	54	5270	11.12	12.38	14.81	≤24	Pass
	62	5310	10.22	12.62	14.59	≤24	Pass
	102	5510	10.2	12.36	14.42	≤24	Pass
	118	5590	10.62	12.60	14.73	≤24	Pass
	134	5670	12.63	10.77	14.81	≤24	Pass
	151	5755	12.91	9.97	14.69	≤30	Pass
	159	5795	13.07	9.98	14.80	≤30	Pass
802.11ac80	42	5210	12.72	11.12	15.00	≤24	Pass
	58	5290	12.68	11.08	14.96	≤24	Pass
	106	5530	10.42	12.78	14.77	≤24	Pass
	122	5610	12.08	11.72	14.91	≤24	Pass
	155	5775	13.34	10.12	15.03	≤30	Pass

Appendix F: Maximum Power Spectral Density

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]		Limit[dBm/MHz]	Verdict
			SISO	CDD		
11A	Ant1	5180	5.34	N/A	10.27	PASS
11A	Ant1	5200	5.93	N/A	10.27	PASS
11A	Ant1	5240	5.25	N/A	10.27	PASS
11A	Ant1	5260	7.59	N/A	10.27	PASS
11A	Ant1	5280	7.01	N/A	10.27	PASS
11A	Ant1	5320	6.92	N/A	10.27	PASS
11A	Ant1	5500	6.31	N/A	10.27	PASS
11A	Ant1	5580	6.11	N/A	10.27	PASS
11A	Ant1	5700	4.26	N/A	10.27	PASS
11A	Ant1	5745	0.88	N/A	29.27	PASS
11A	Ant1	5785	1.35	N/A	29.27	PASS
11A	Ant1	5825	1.97	N/A	29.27	PASS
11N20SISO	Ant1	5180	0.40	3.41	10.27	PASS
11N20SISO	Ant1	5200	1.76	4.77	10.27	PASS
11N20SISO	Ant1	5240	1.45	4.46	10.27	PASS
11N20SISO	Ant1	5260	1.35	4.36	10.27	PASS
11N20SISO	Ant1	5280	1.52	4.53	10.27	PASS
11N20SISO	Ant1	5320	1.85	4.86	10.27	PASS
11N20SISO	Ant1	5500	0.65	3.66	10.27	PASS
11N20SISO	Ant1	5580	1.01	4.02	10.27	PASS
11N20SISO	Ant1	5700	3.32	6.33	10.27	PASS
11N20SISO	Ant1	5745	-0.02	2.99	29.27	PASS
11N20SISO	Ant1	5785	0.81	3.82	29.27	PASS
11N20SISO	Ant1	5825	0.44	3.45	29.27	PASS
11N40SISO	Ant1	5190	-1.88	1.13	10.27	PASS
11N40SISO	Ant1	5230	-2.73	0.28	10.27	PASS
11N40SISO	Ant1	5270	-2.82	0.19	10.27	PASS
11N40SISO	Ant1	5310	-3.06	-0.05	10.27	PASS
11N40SISO	Ant1	5510	-1.92	1.09	10.27	PASS
11N40SISO	Ant1	5550	-1.50	1.51	10.27	PASS
11N40SISO	Ant1	5670	0.39	3.4	10.27	PASS
11N40SISO	Ant1	5755	-2.20	0.81	29.27	PASS
11N40SISO	Ant1	5795	-2.23	0.78	29.27	PASS
11AC20SISO	Ant1	5180	0.35	3.36	10.27	PASS
11AC20SISO	Ant1	5200	2.36	5.37	10.27	PASS
11AC20SISO	Ant1	5240	1.27	4.28	10.27	PASS
11AC20SISO	Ant1	5260	1.52	4.53	10.27	PASS
11AC20SISO	Ant1	5280	1.68	4.69	10.27	PASS
11AC20SISO	Ant1	5320	1.75	4.76	10.27	PASS
11AC20SISO	Ant1	5500	0.92	3.93	10.27	PASS
11AC20SISO	Ant1	5580	1.22	4.23	10.27	PASS
11AC20SISO	Ant1	5700	4.47	7.48	10.27	PASS
11AC20SISO	Ant1	5745	0.80	3.81	29.27	PASS
11AC20SISO	Ant1	5785	0.74	3.75	29.27	PASS
11AC20SISO	Ant1	5825	-0.18	2.83	29.27	PASS
11AC40SISO	Ant1	5190	-1.97	1.04	10.27	PASS

11AC40SISO	Ant1	5230	-2.85	0.16	10.27	PASS
11AC40SISO	Ant1	5270	-3.39	-0.38	10.27	PASS
11AC40SISO	Ant1	5310	-3.65	-0.64	10.27	PASS
11AC40SISO	Ant1	5510	-3.30	-0.29	10.27	PASS
11AC40SISO	Ant1	5550	-2.64	0.37	10.27	PASS
11AC40SISO	Ant1	5670	-0.83	2.18	10.27	PASS
11AC40SISO	Ant1	5755	-4.45	-1.44	29.27	PASS
11AC40SISO	Ant1	5795	-3.85	-0.84	29.27	PASS
11AC80SISO	Ant1	5210	-4.14	-1.13	10.27	PASS
11AC80SISO	Ant1	5290	-3.94	-0.93	10.27	PASS
11AC80SISO	Ant1	5530	-5.79	-2.78	10.27	PASS
11AC80SISO	Ant1	5610	-4.40	-1.39	10.27	PASS
11AC80SISO	Ant1	5775	-6.82	-3.81	29.27	PASS

Note: CDD PSD = SISO PSD + 10*Log(N), N = Antenna number.

11A-Ant1-5180-PASS



11A-Ant1-5200-PASS



11A-Ant1-5240-PASS



11A-Ant1-5260-PASS



11A-Ant1-5280-PASS



11A-Ant1-5320-PASS



11A-Ant1-5500-PASS



11A-Ant1-5580-PASS



11A-Ant1-5700-PASS



11A-Ant1-5745-PASS

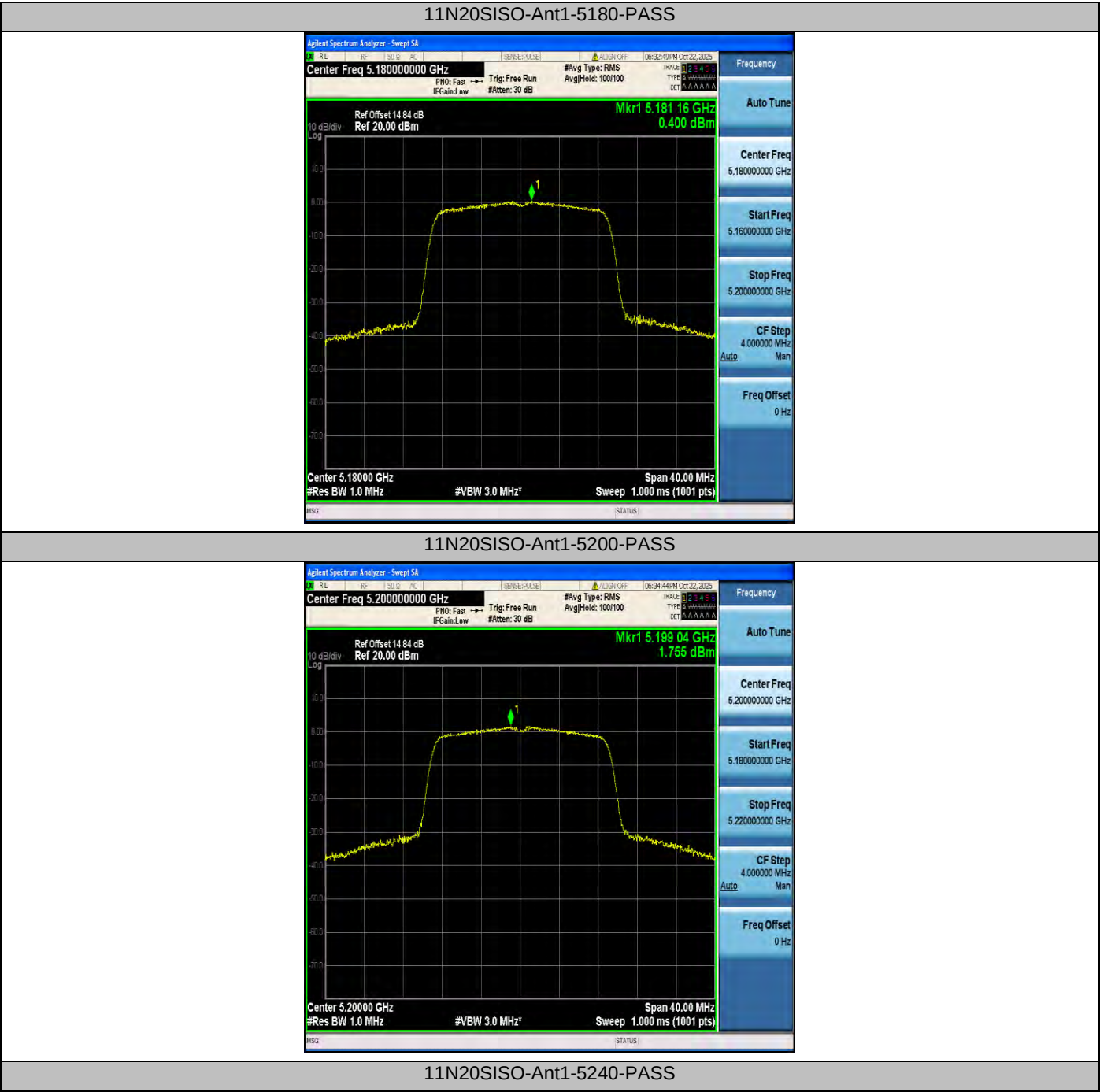


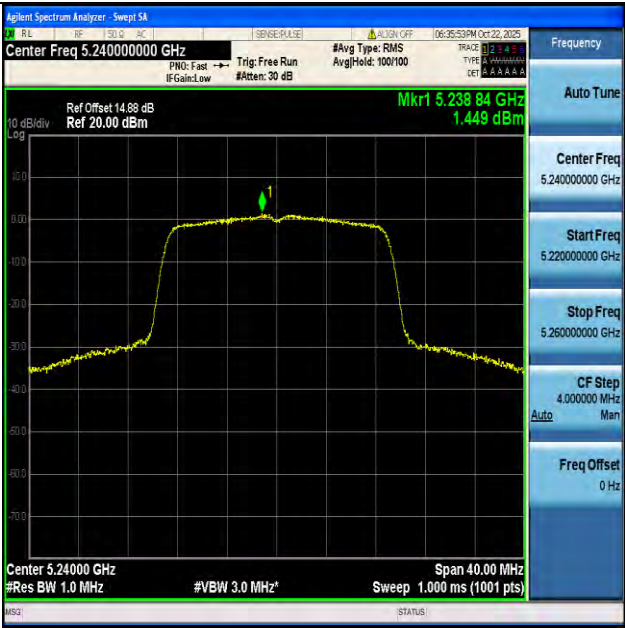
11A-Ant1-5785-PASS



11A-Ant1-5825-PASS



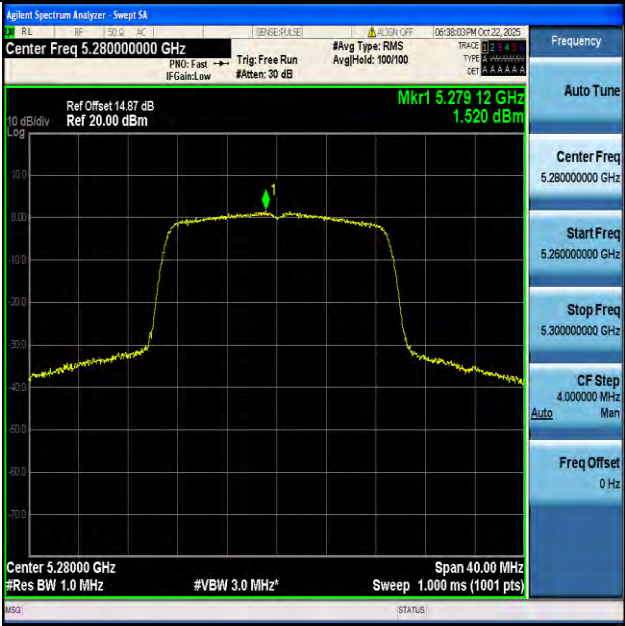




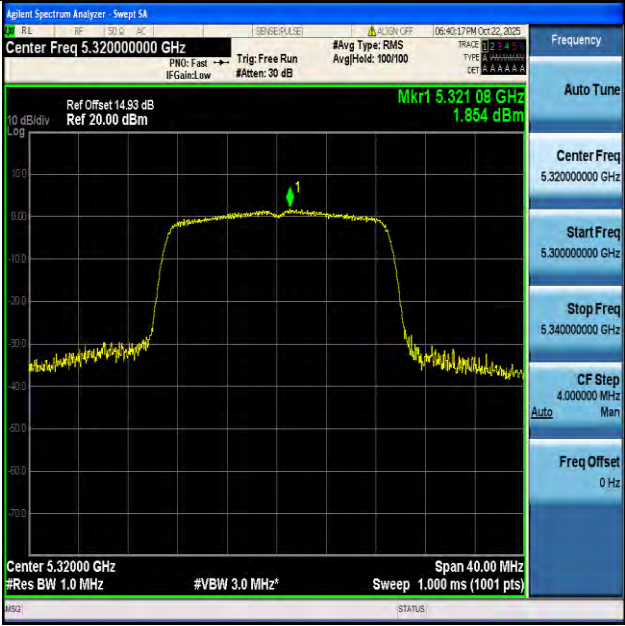
11N20SISO-Ant1-5260-PASS



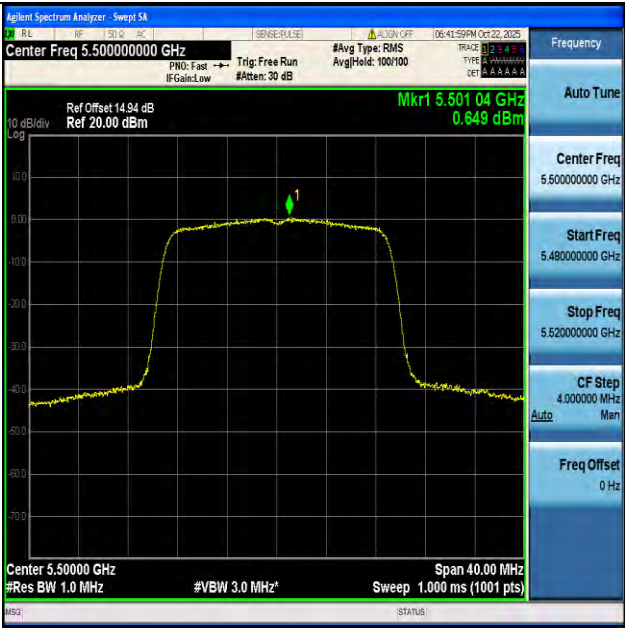
11N20SISO-Ant1-5280-PASS



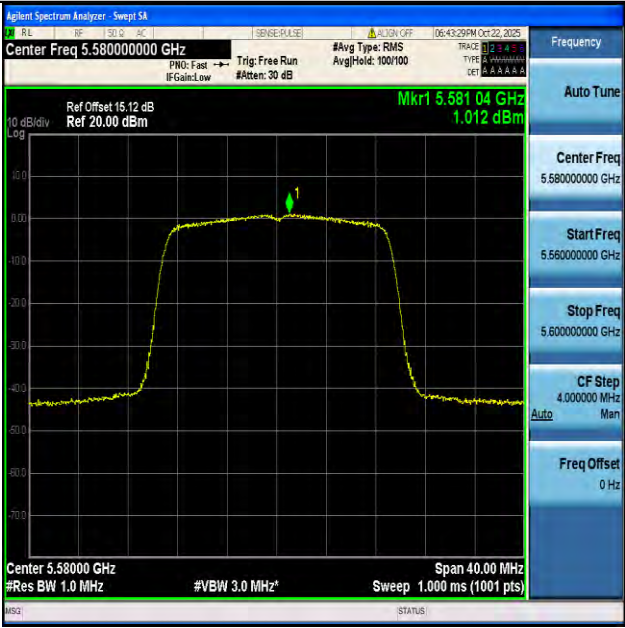
11N20SISO-Ant1-5320-PASS



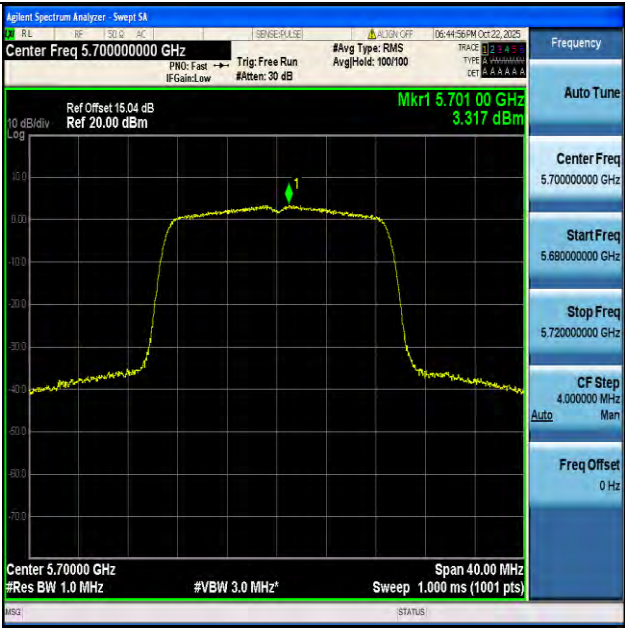
11N20SISO-Ant1-5500-PASS



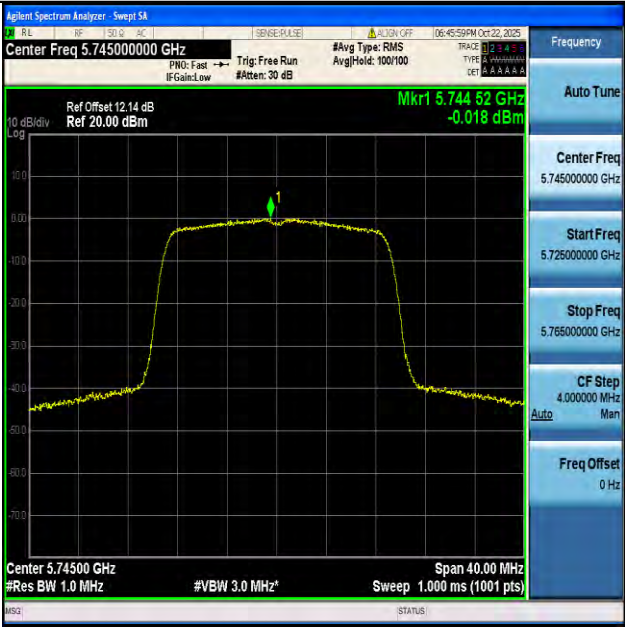
11N20SISO-Ant1-5580-PASS



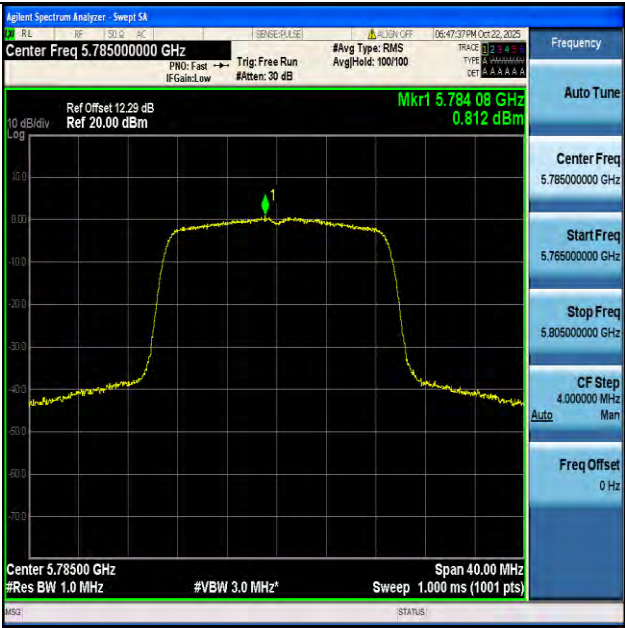
11N20SISO-Ant1-5700-PASS



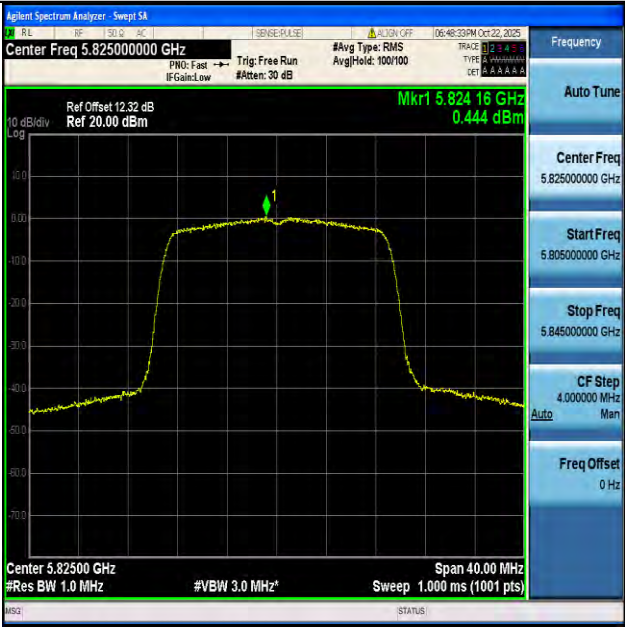
11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS



11N40SISO-Ant1-5230-PASS



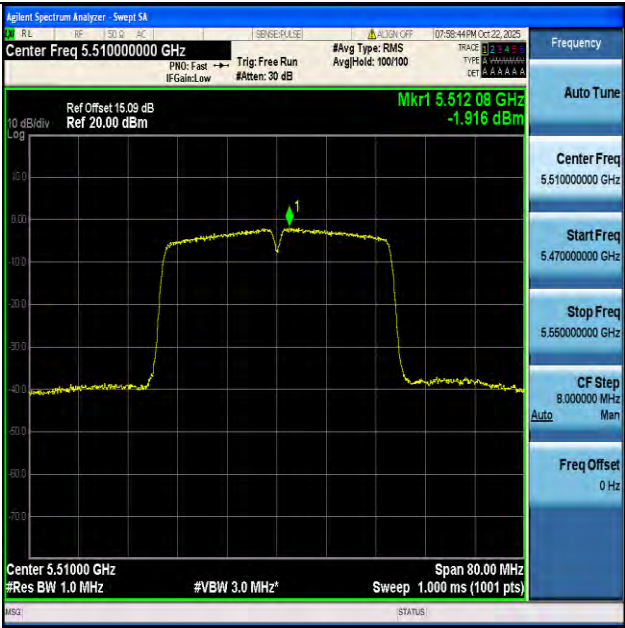
11N40SISO-Ant1-5270-PASS



11N40SISO-Ant1-5310-PASS



11N40SISO-Ant1-5510-PASS



11N40SISO-Ant1-5550-PASS



11N40SISO-Ant1-5670-PASS



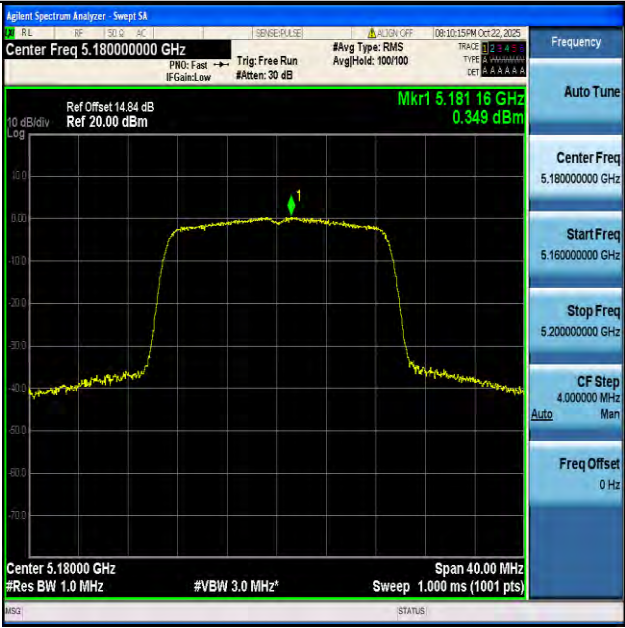
11N40SISO-Ant1-5755-PASS



11N40SISO-Ant1-5795-PASS



11AC20SISO-Ant1-5180-PASS



11AC20SISO-Ant1-5200-PASS



11AC20SISO-Ant1-5240-PASS



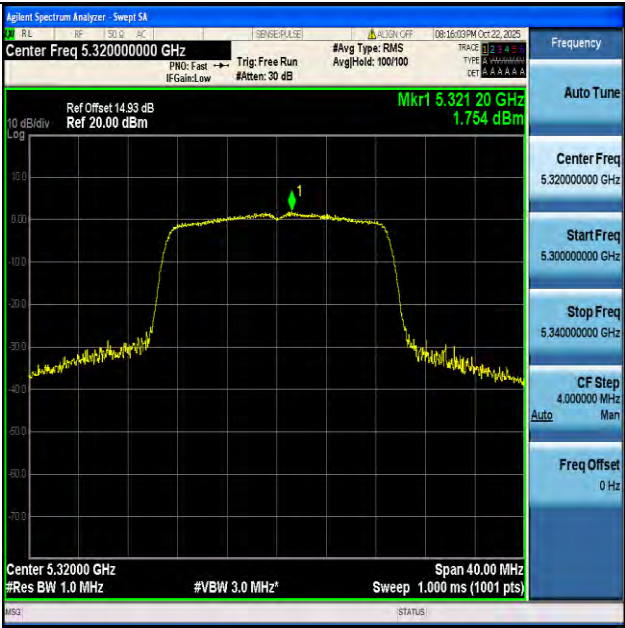
11AC20SISO-Ant1-5260-PASS



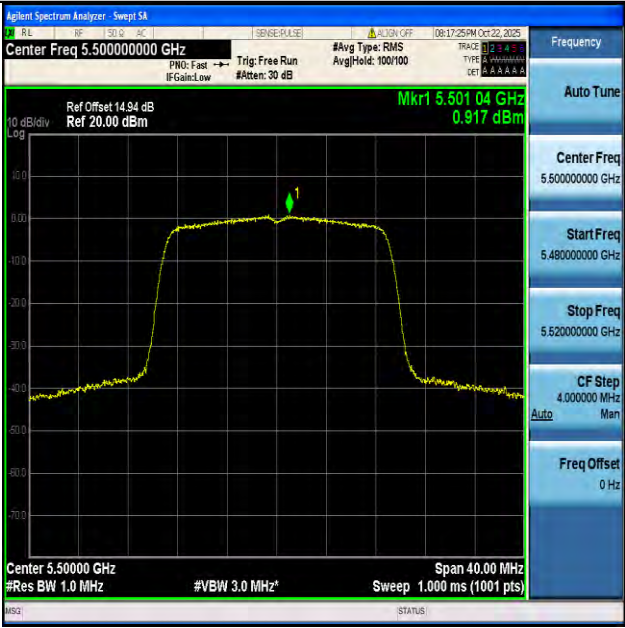
11AC20SISO-Ant1-5280-PASS



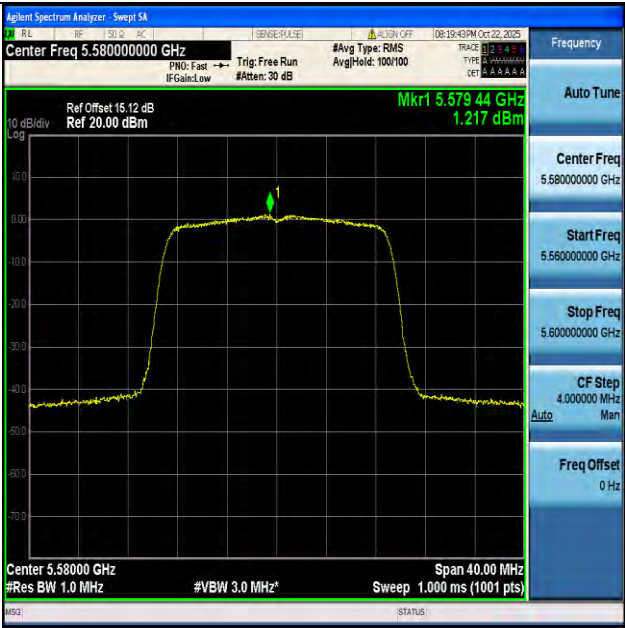
11AC20SISO-Ant1-5320-PASS



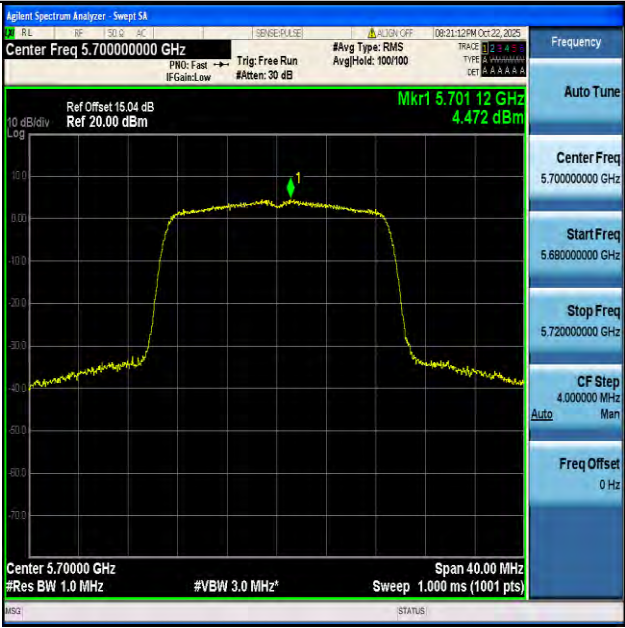
11AC20SISO-Ant1-5500-PASS



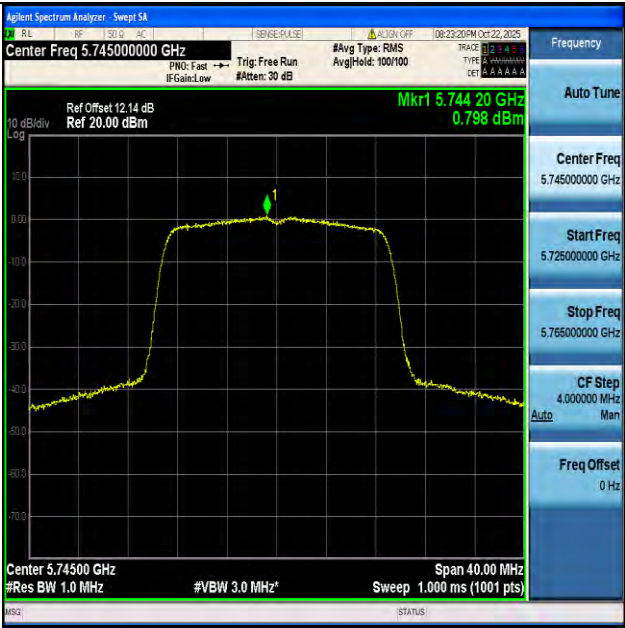
11AC20SISO-Ant1-5580-PASS



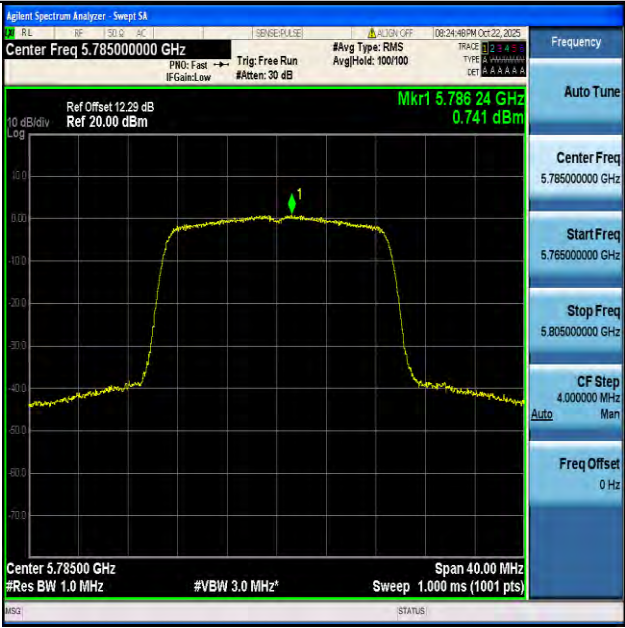
11AC20SISO-Ant1-5700-PASS



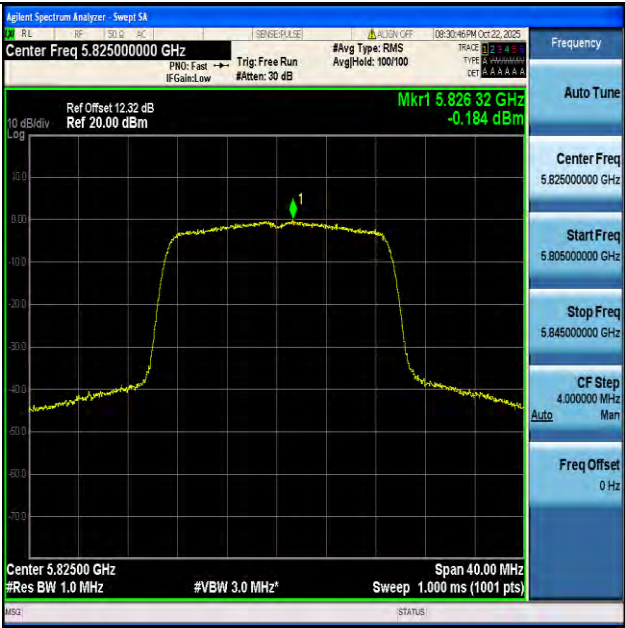
11AC20SISO-Ant1-5745-PASS



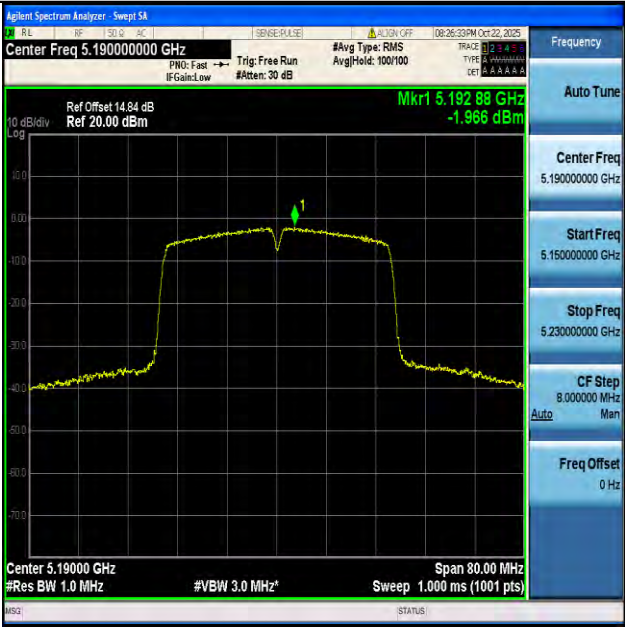
11AC20SISO-Ant1-5785-PASS



11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



11AC40SISO-Ant1-5230-PASS



11AC40SISO-Ant1-5270-PASS



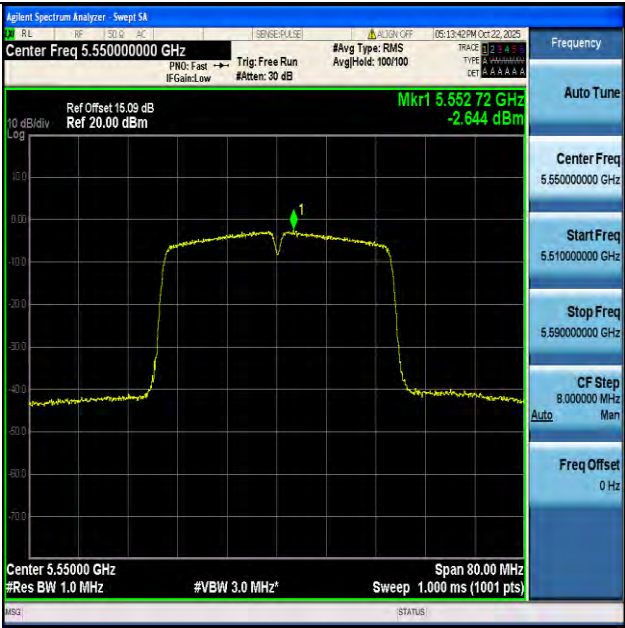
11AC40SISO-Ant1-5310-PASS



11AC40SISO-Ant1-5510-PASS



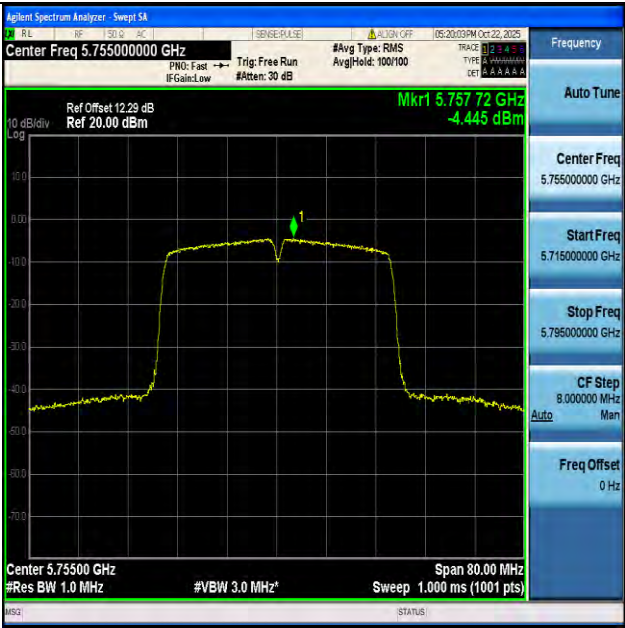
11AC40SISO-Ant1-5550-PASS



11AC40SISO-Ant1-5670-PASS



11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



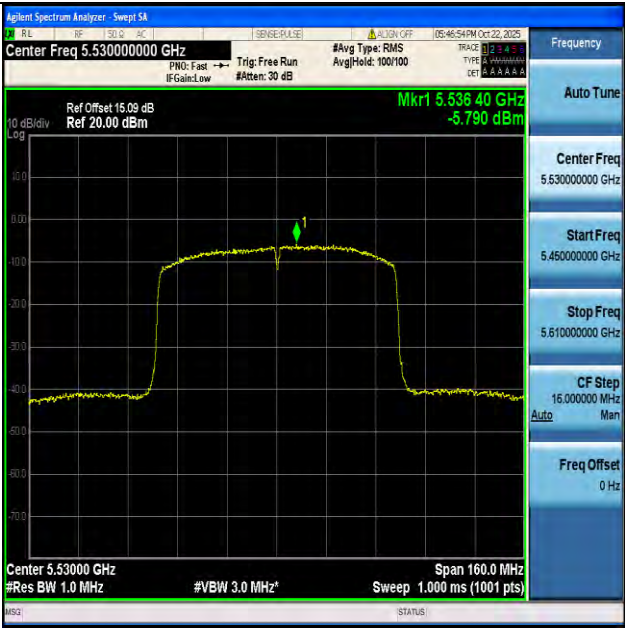
11AC80SISO-Ant1-5210-PASS



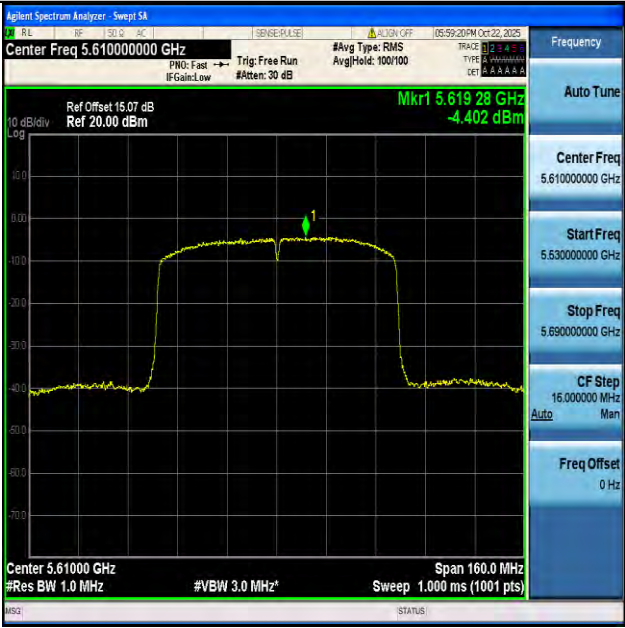
11AC80SISO-Ant1-5290-PASS



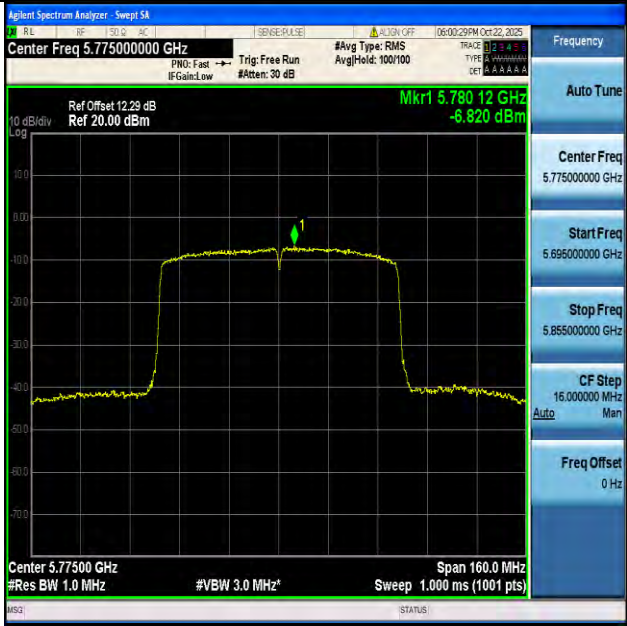
11AC80SISO-Ant1-5530-PASS



11AC80SISO-Ant1-5610-PASS

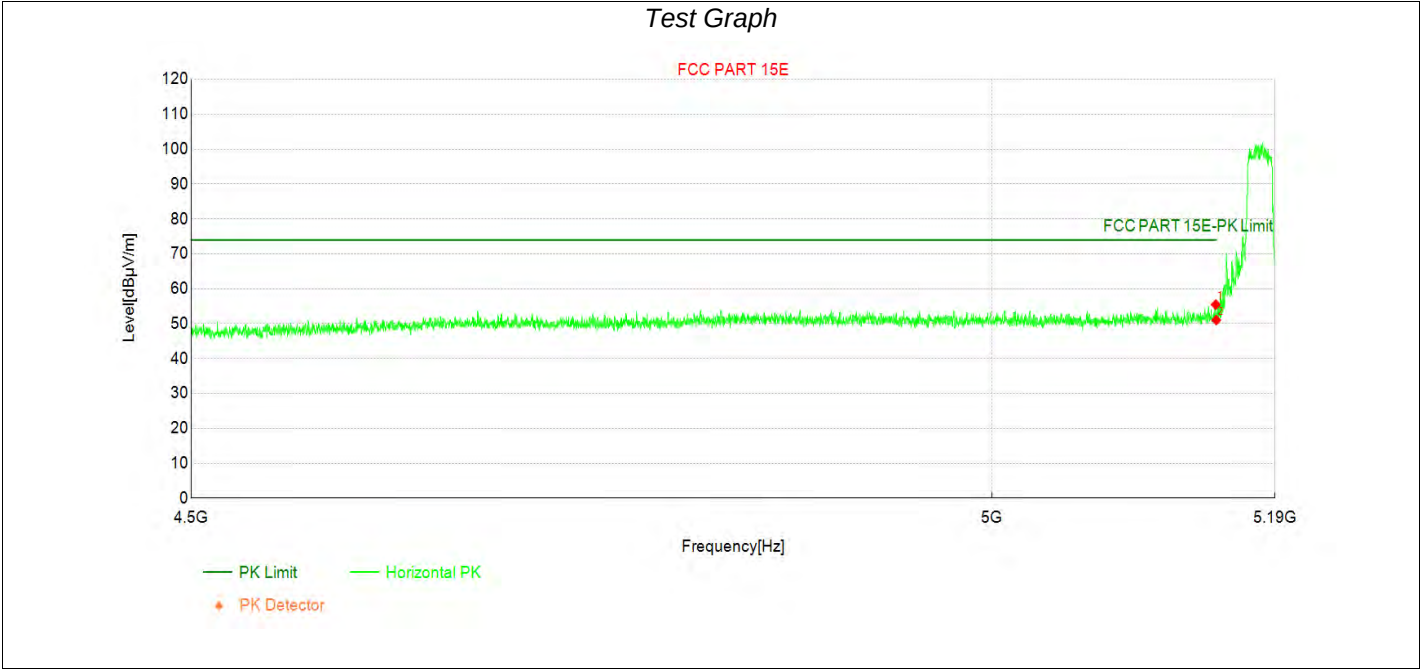


11AC80SISO-Ant1-5775-PASS



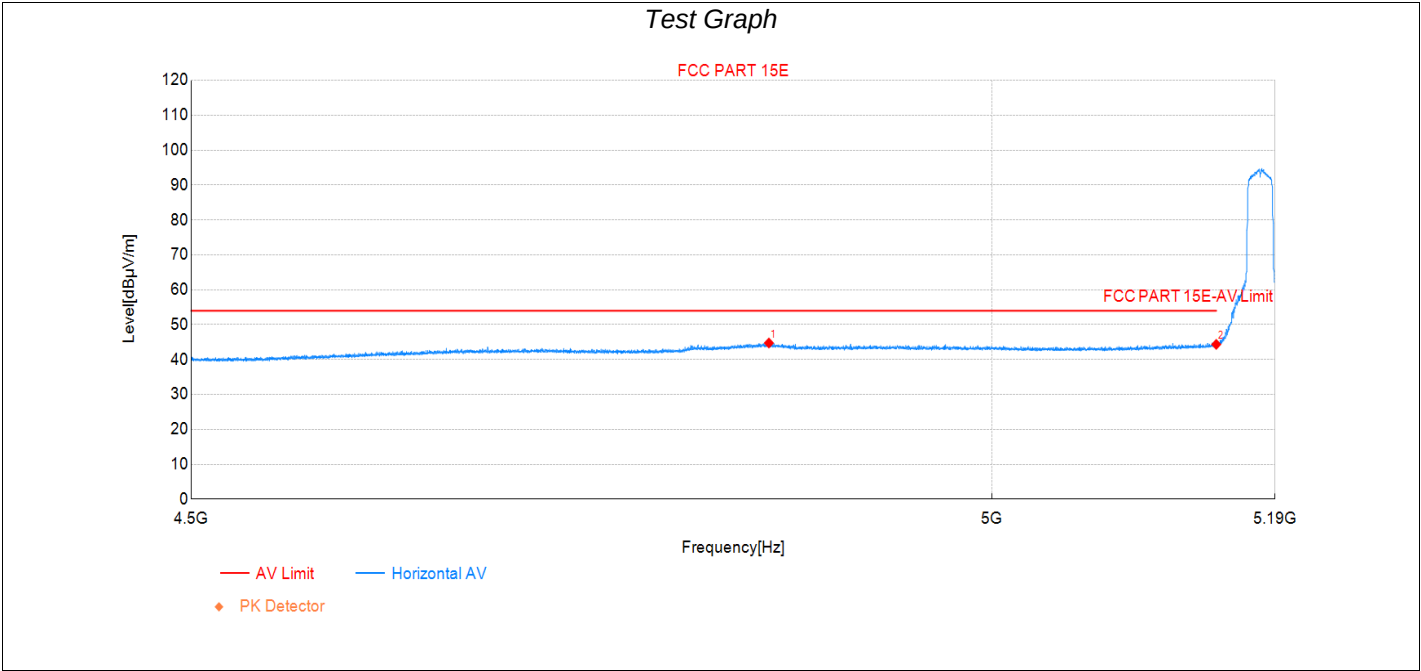
Appendix G: Radiated Emission Band Edge

Transmit at 5180MHz by 802.11a with Ant1



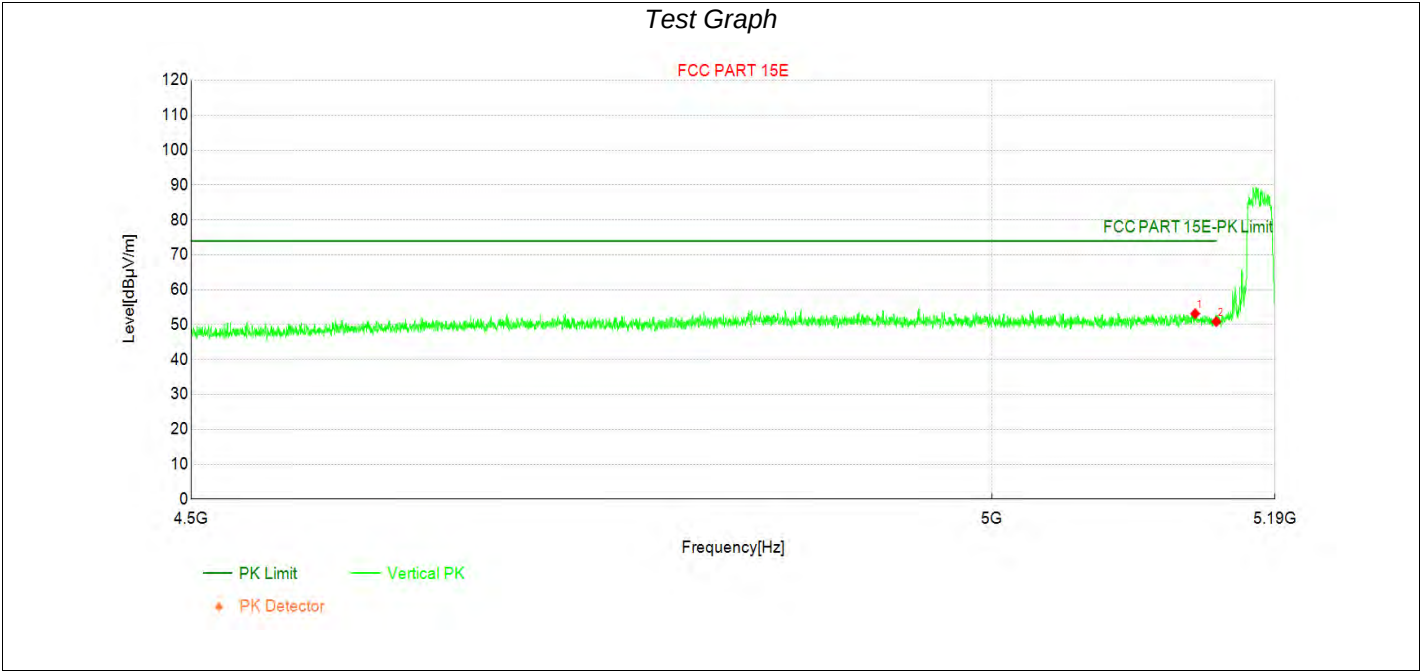
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5149.64	39.35	55.47	16.12	74.00	18.53	PK	Horizo	PASS
2	5150.00	34.91	51.02	16.11	74.00	22.98	PK	Horizo	PASS

Transmit at 5180MHz by 802.11a with Ant1



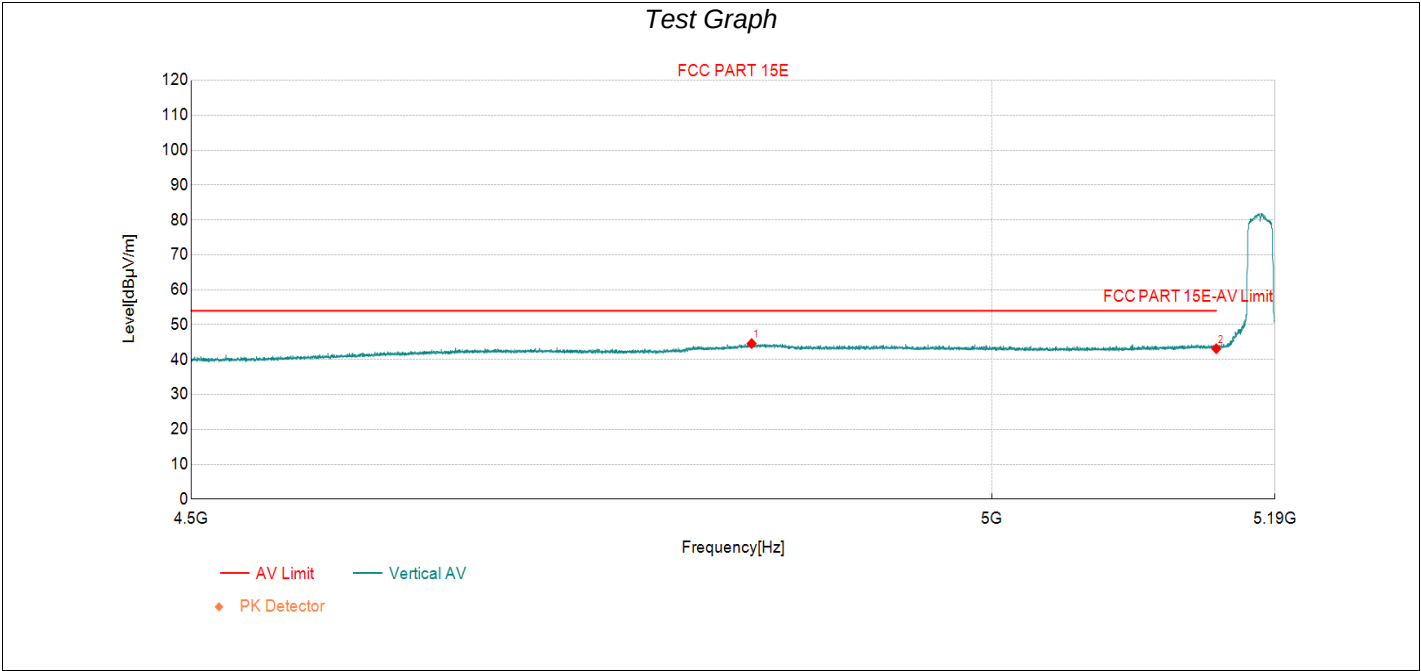
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4855.52	29.13	44.74	15.61	54.00	9.26	AV	Horizo	PASS
2	5150.00	28.24	44.35	16.11	54.00	9.65	AV	Horizo	PASS

Transmit at 5180MHz by 802.11a with Ant1



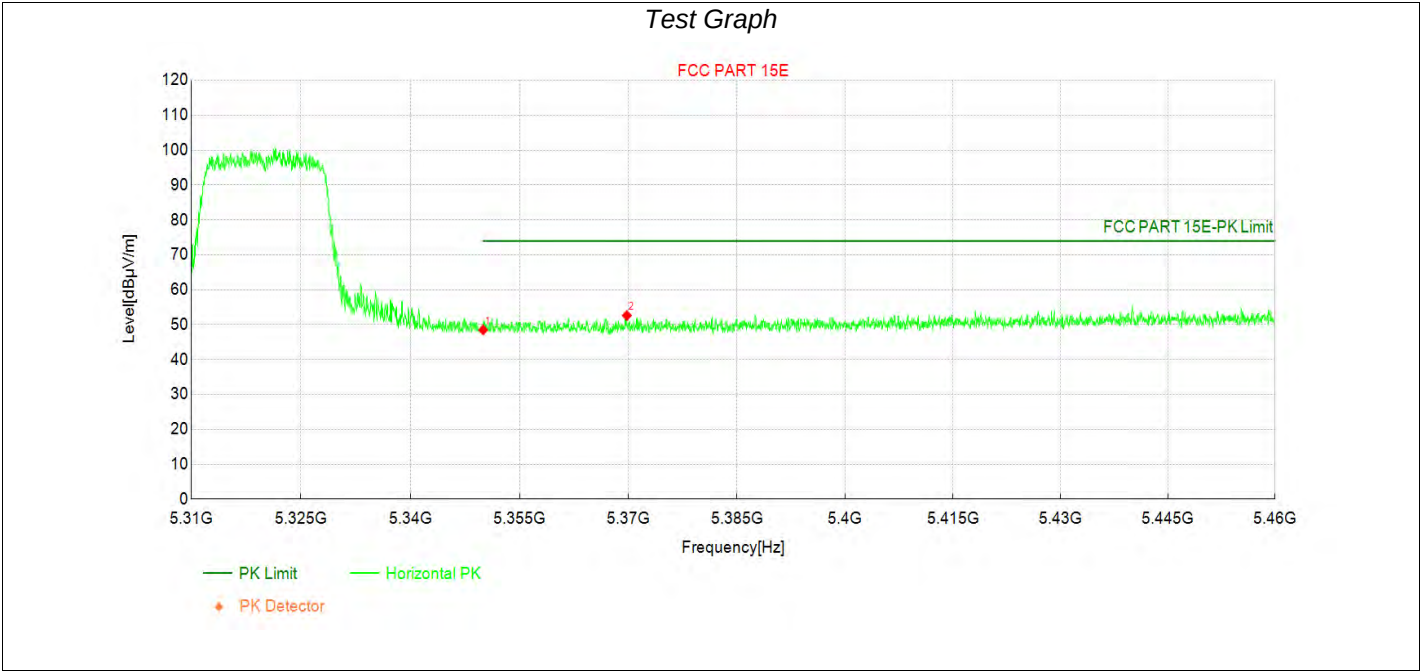
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5135.75	37.03	53.16	16.13	74.00	20.84	PK	Vertic	PASS
2	5150.00	34.74	50.85	16.11	74.00	23.15	PK	Vertic	PASS

Transmit at 5180MHz by 802.11a with Ant1



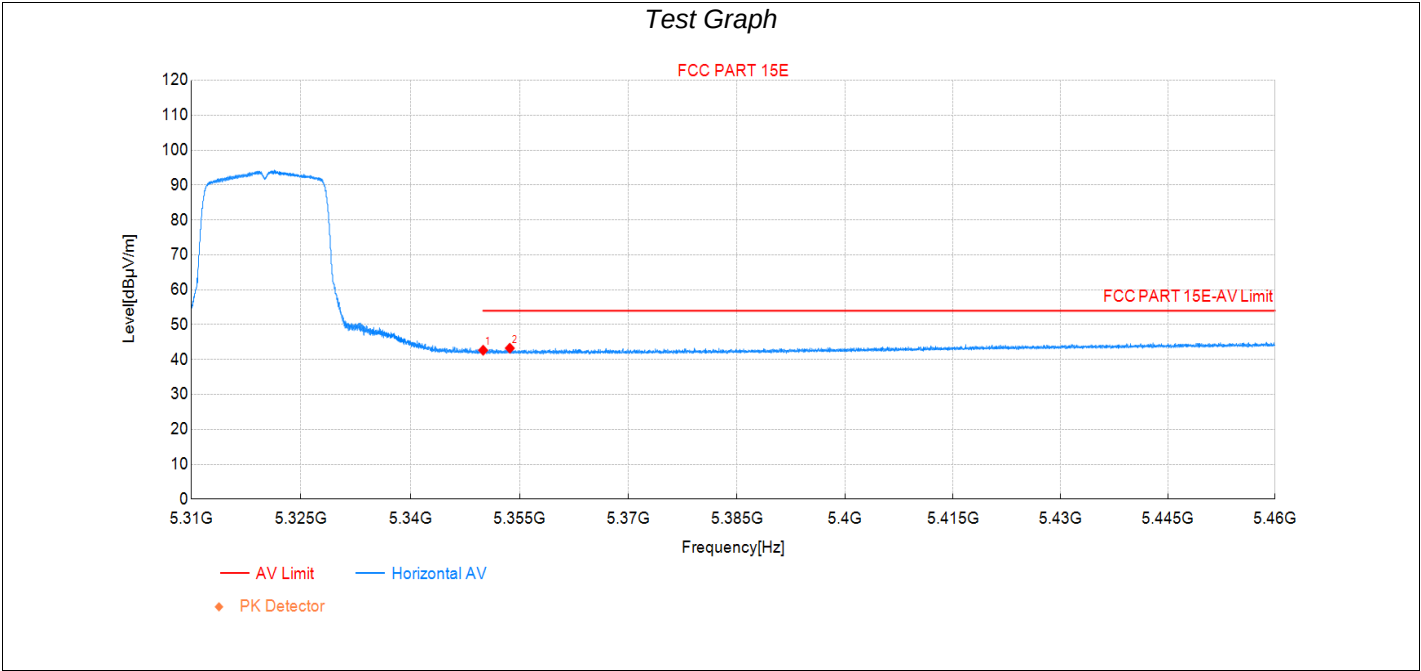
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	4844.48	28.97	44.59	15.62	54.00	9.41	AV	Vertic	PASS
2	5150.00	27.00	43.11	16.11	54.00	10.89	AV	Vertic	PASS

Transmit at 5320MHz by 802.11a with Ant1



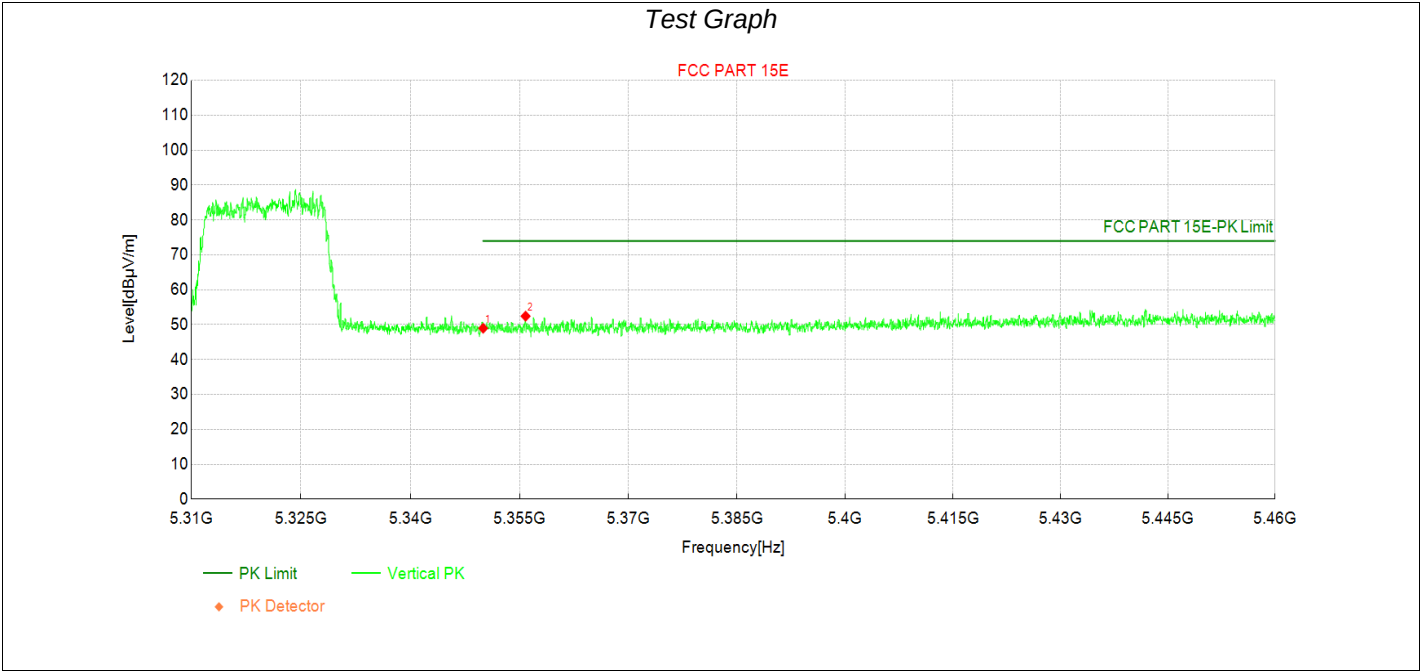
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	32.04	48.50	16.46	74.00	25.50	PK	Horizo	PASS
2	5369.79	36.10	52.62	16.52	74.00	21.38	PK	Horizo	PASS

Transmit at 5320MHz by 802.11a with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	26.21	42.67	16.46	54.00	11.33	AV	Horizo	PASS
2	5353.67	26.78	43.26	16.48	54.00	10.74	AV	Horizo	PASS

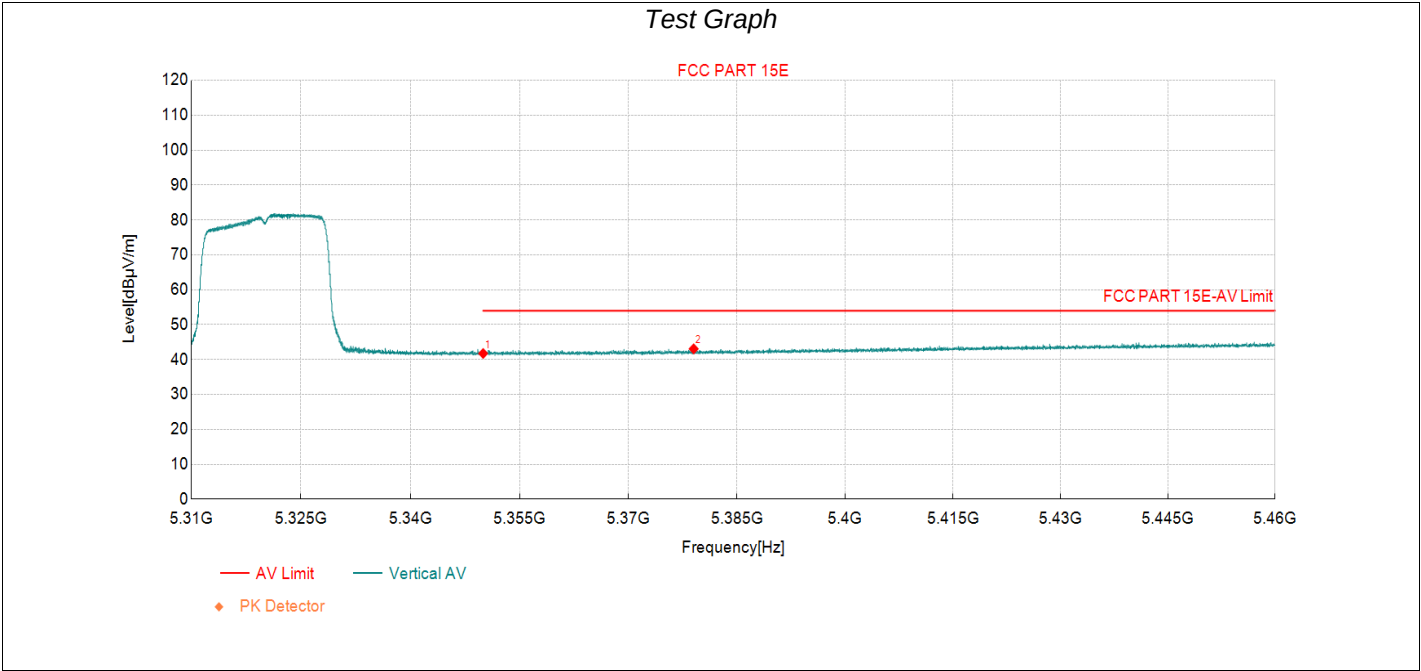
Transmit at 5320MHz by 802.11a with Ant1



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	32.51	48.97	16.46	74.00	25.03	PK	Vertic	PASS
2	5355.84	35.94	52.43	16.49	74.00	21.57	PK	Vertic	PASS

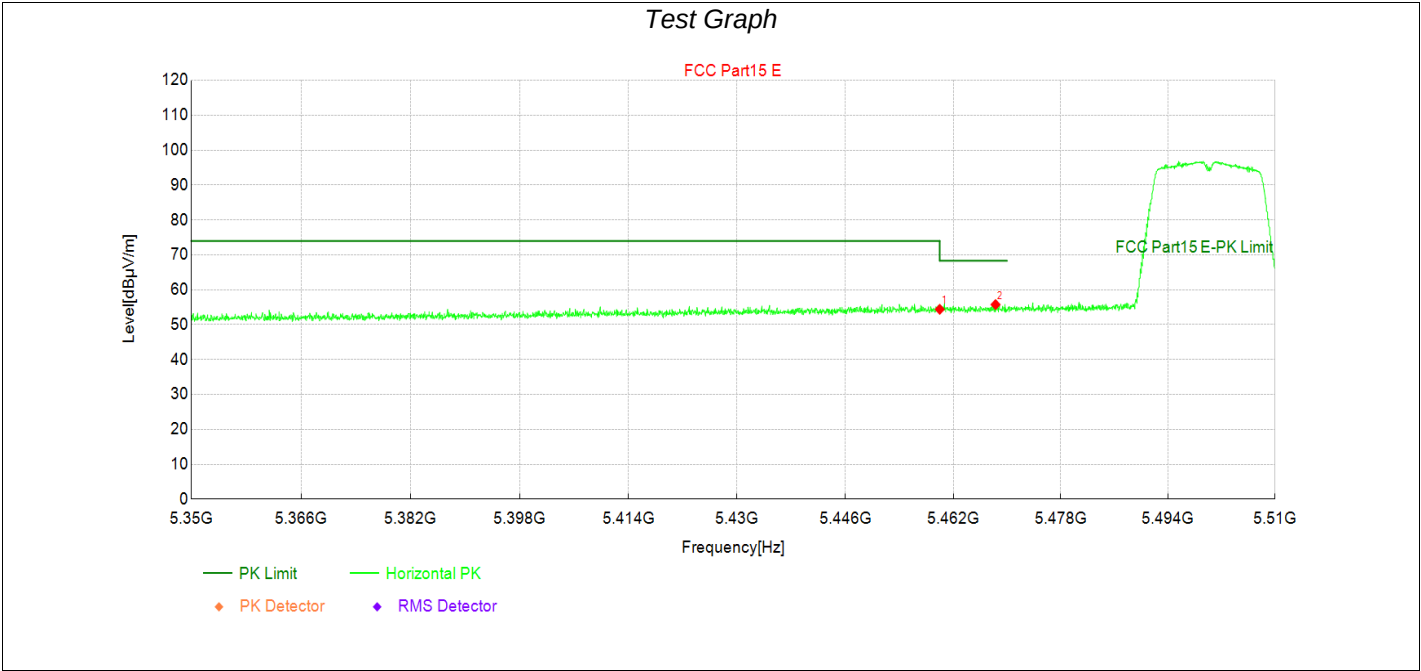
Transmit at 5320MHz by 802.11a with Ant1



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	25.28	41.74	16.46	54.00	12.26	AV	Vertic	PASS
2	5379.02	26.51	43.06	16.55	54.00	10.94	AV	Vertic	PASS

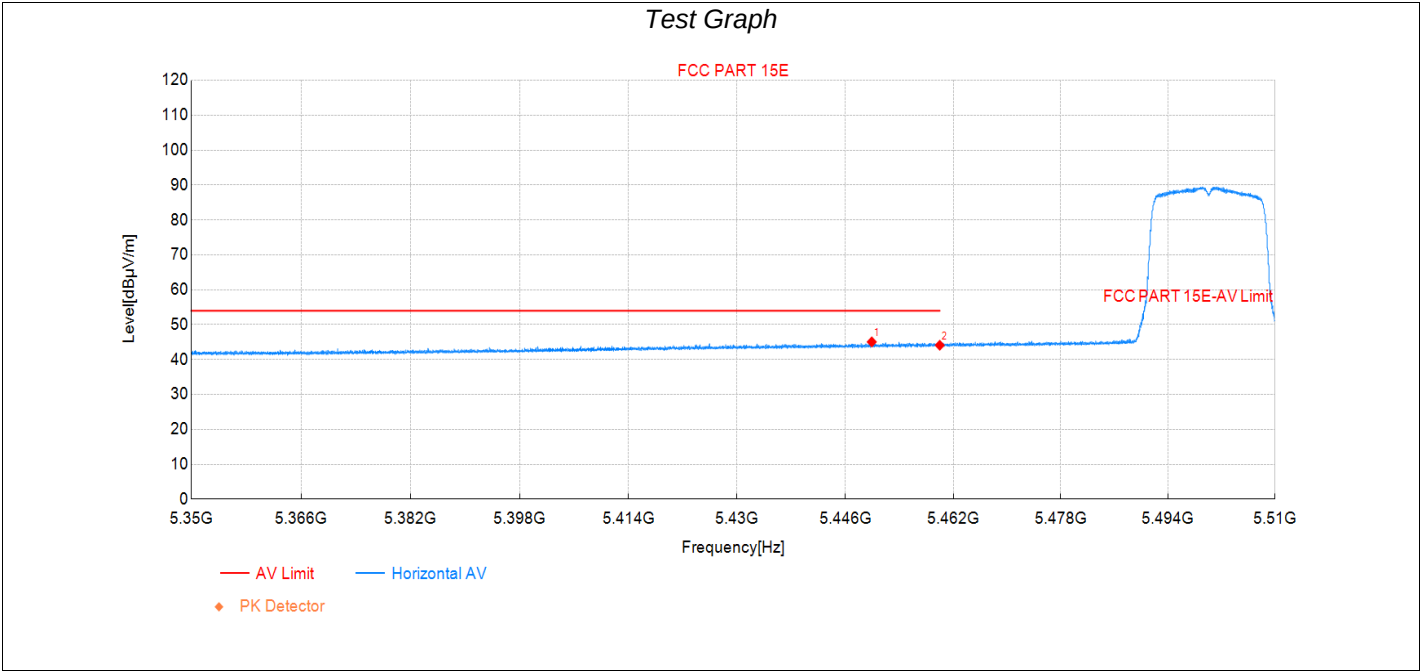
Transmit at 5500MHz by 802.11a with Ant1



Data List

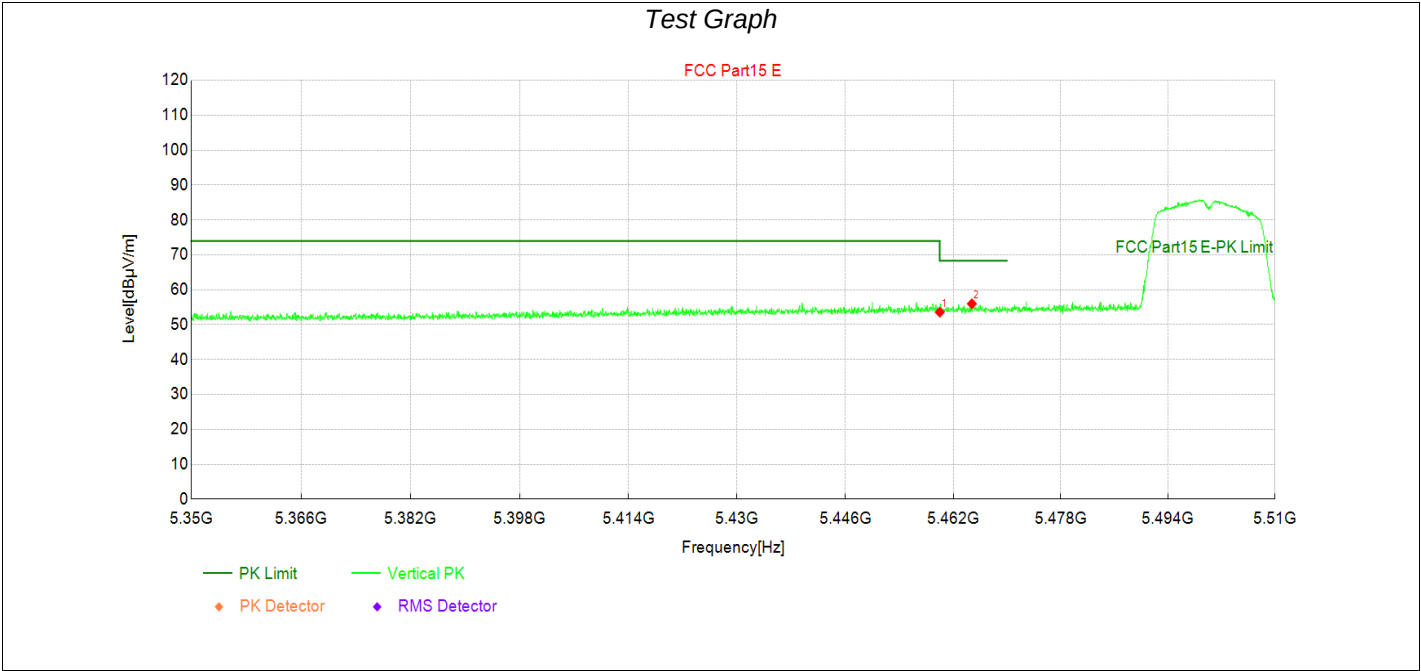
NO	Frequenc y [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	5460.00	37.22	54.39	17.17	68.30	13.91	PK	Horizo	PASS
2	5468.29	38.51	55.76	17.25	68.30	12.54	PK	Horizo	PASS

Transmit at 5500MHz by 802.11a with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5449.92	27.98	45.06	17.08	54.00	8.94	AV	Horizo	PASS
2	5460.00	26.93	44.10	17.17	54.00	9.90	AV	Horizo	PASS

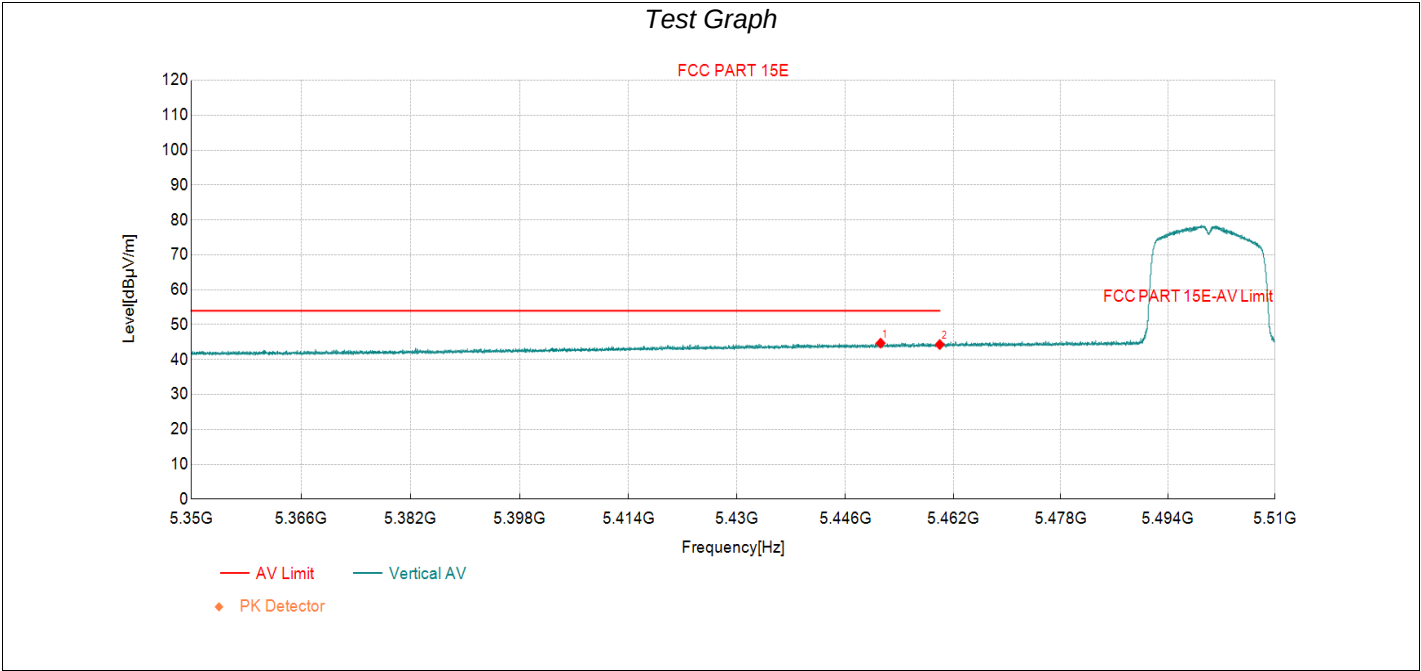
Transmit at 5500MHz by 802.11a with Ant1



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	36.41	53.58	17.17	68.30	14.72	PK	Vertic	PASS
2	5464.77	38.76	55.98	17.22	68.30	12.32	PK	Vertic	PASS

Transmit at 5500MHz by 802.11a with Ant1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5451.22	27.61	44.70	17.09	54.00	9.30	AV	Vertic	PASS
2	5460.00	27.13	44.30	17.17	54.00	9.70	AV	Vertic	PASS