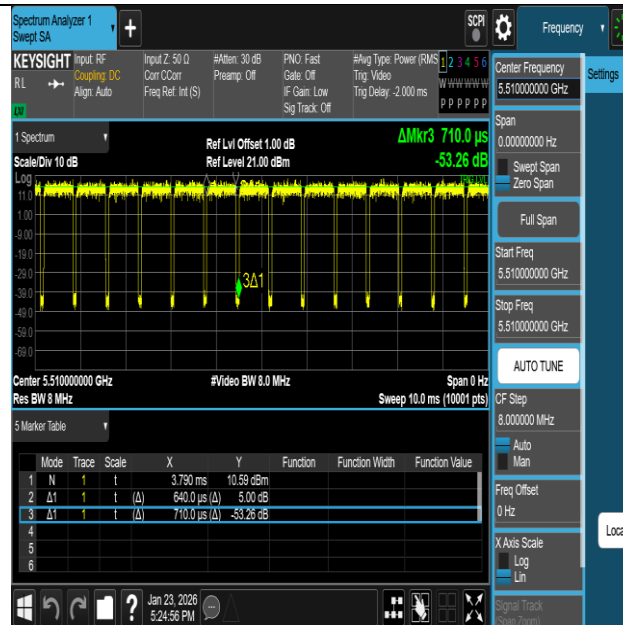
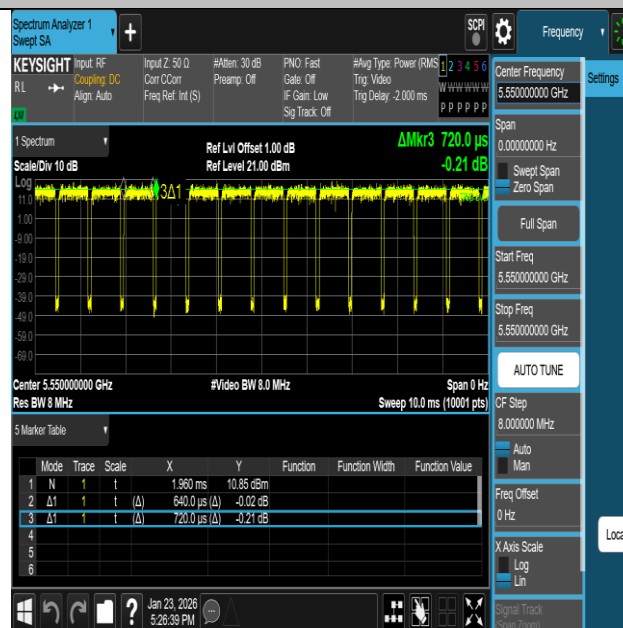


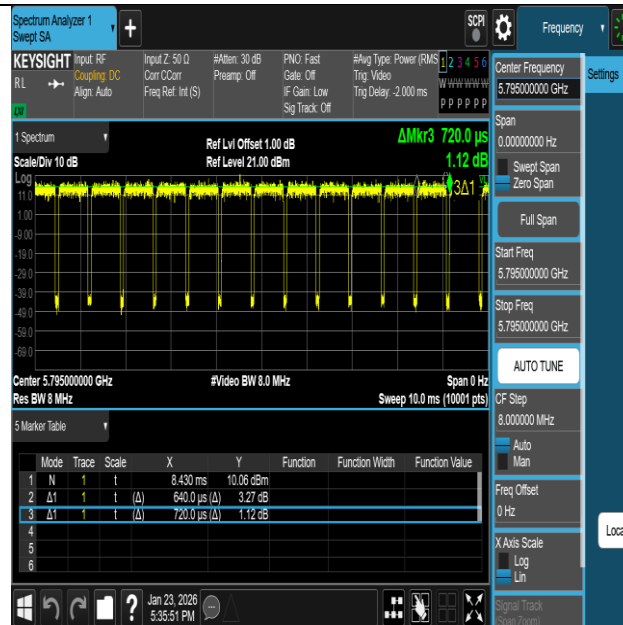


NTNV-11N40SISO-Ant1-5510

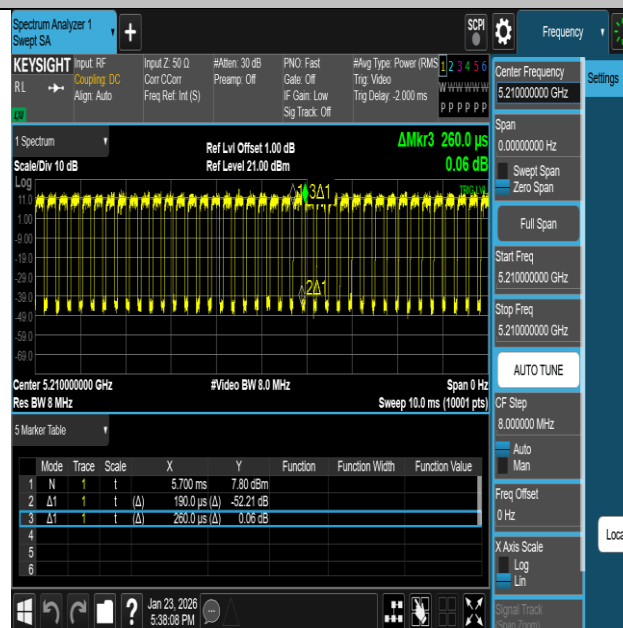


NTNV-11N40SISO-Ant1-5550

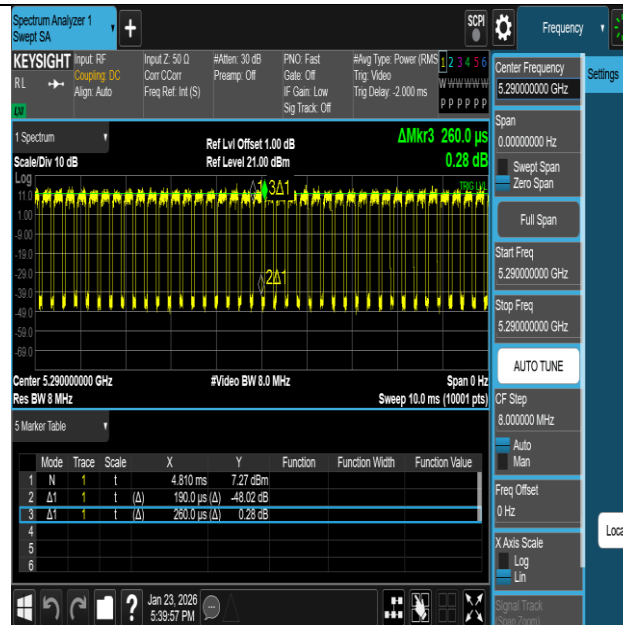




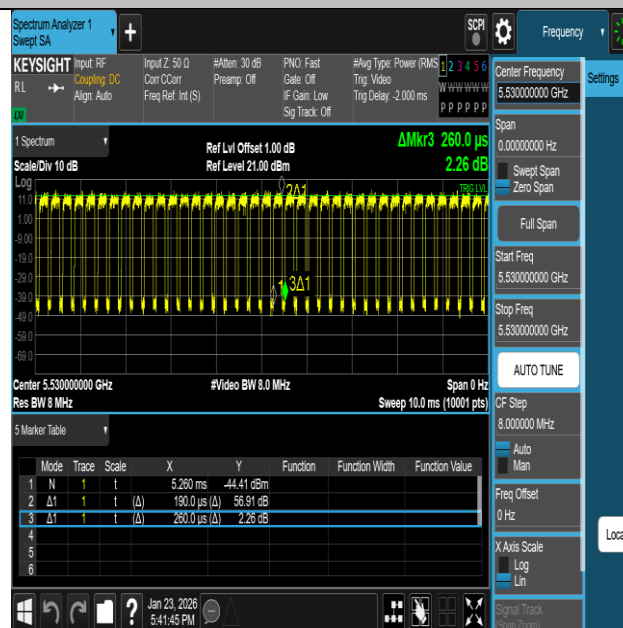
NTNV-11N40SISO-Ant1-5795



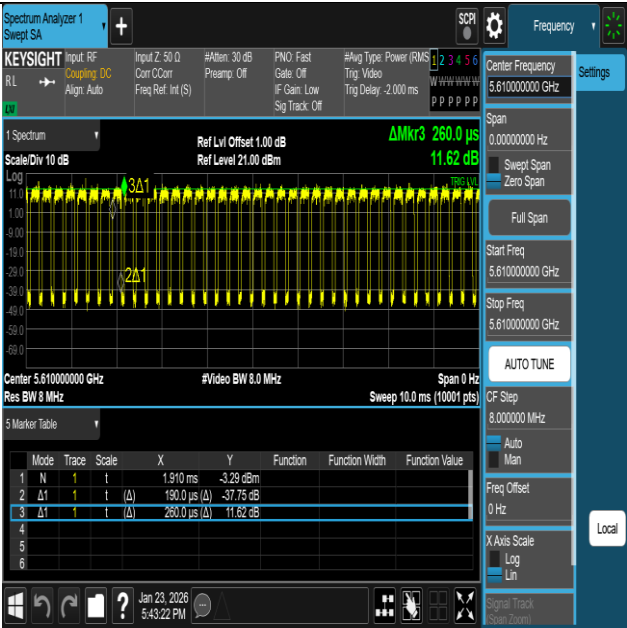
NTNV-11AC80SISO-Ant1-5210



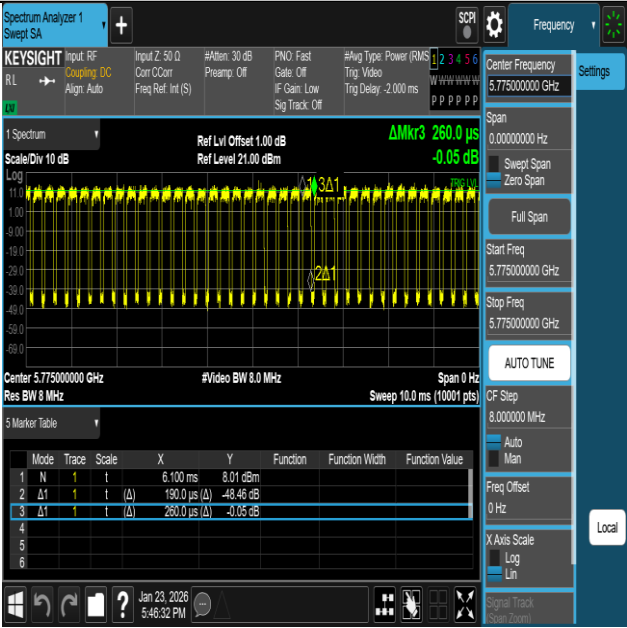
NTNV-11AC80SISO-Ant1-5290



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
			Ant0	Ant1	Ant0+1		
802.11a	36	5180	15.68	16.78	N/A	≤24	Pass
	44	5220	15.52	16.65	N/A	≤24	Pass
	48	5240	15.64	16.84	N/A	≤24	Pass
	52	5260	15.59	16.59	N/A	≤24	Pass
	60	5300	15.53	16.71	N/A	≤24	Pass
	64	5320	13.21	14.45	N/A	≤24	Pass
	100	5500	15.71	16.71	N/A	≤24	Pass
	116	5580	14.45	15.66	N/A	≤24	Pass
	140	5700	14.63	15.87	N/A	≤24	Pass
	149	5745	15.11	16.02	N/A	≤30	Pass
	157	5785	14.63	15.78	N/A	≤30	Pass
	165	5825	14.12	15.25	N/A	≤30	Pass
802.11n20	36	5180	12.87	14.04	16.50	≤24	Pass
	44	5220	12.78	13.89	16.38	≤24	Pass
	48	5240	12.79	13.81	16.34	≤24	Pass
	52	5260	12.84	13.87	16.40	≤24	Pass
	60	5300	12.91	14.04	16.52	≤24	Pass
	64	5320	13.17	14.27	16.77	≤24	Pass
	100	5500	13.12	14.30	16.76	≤24	Pass
	116	5580	12.68	13.82	16.30	≤24	Pass
	140	5700	12.55	13.72	16.18	≤24	Pass
	149	5745	12.45	13.48	16.01	≤30	Pass
	157	5785	12.57	13.75	16.21	≤30	Pass
	165	5825	12.52	13.72	16.17	≤30	Pass
802.11n40	38	5190	12.09	13.29	15.74	≤24	Pass
	46	5230	12.02	13.11	15.61	≤24	Pass
	54	5270	12.24	13.31	15.82	≤24	Pass
	62	5310	12.32	13.37	15.89	≤24	Pass
	102	5510	12.14	13.29	15.76	≤24	Pass
	118	5590	11.91	13.10	15.56	≤24	Pass
	134	5670	11.89	13.07	15.53	≤24	Pass
	151	5755	11.92	12.94	15.47	≤30	Pass
	159	5795	12.14	13.27	15.75	≤30	Pass

802.11ac20	36	5180	12.85	13.92	16.43	≤ 24	Pass
	44	5220	12.64	13.72	16.22	≤ 24	Pass
	48	5240	12.78	13.86	16.36	≤ 24	Pass
	52	5260	12.71	13.90	16.36	≤ 24	Pass
	60	5300	12.89	14.01	16.50	≤ 24	Pass
	64	5320	13.08	14.20	16.69	≤ 24	Pass
	100	5500	13.00	14.16	16.63	≤ 24	Pass
	116	5580	12.56	13.76	16.21	≤ 24	Pass
	140	5700	12.43	13.50	16.01	≤ 24	Pass
	149	5745	12.47	13.62	16.09	≤ 30	Pass
	157	5785	12.74	13.83	16.33	≤ 30	Pass
	165	5825	12.54	13.64	16.14	≤ 30	Pass
802.11ac40	38	5190	12.09	13.20	15.69	≤ 24	Pass
	46	5230	12.05	13.15	15.65	≤ 24	Pass
	54	5270	12.44	13.55	16.04	≤ 24	Pass
	62	5310	12.12	13.14	15.67	≤ 24	Pass
	102	5510	12.15	13.35	15.80	≤ 24	Pass
	118	5590	12.00	13.11	15.60	≤ 24	Pass
	134	5670	11.84	13.03	15.49	≤ 24	Pass
	151	5755	11.88	12.92	15.44	≤ 30	Pass
	159	5795	11.97	13.16	15.62	≤ 30	Pass
802.11ac80	42	5210	12.03	13.08	15.60	≤ 24	Pass
	58	5290	12.29	13.49	15.94	≤ 24	Pass
	106	5530	11.23	12.44	14.89	≤ 24	Pass
	122	5610	11.87	12.88	15.41	≤ 24	Pass
	155	5775	12.01	13.13	15.62	≤ 30	Pass

Note: The Duty Cycle Factor is compensated.

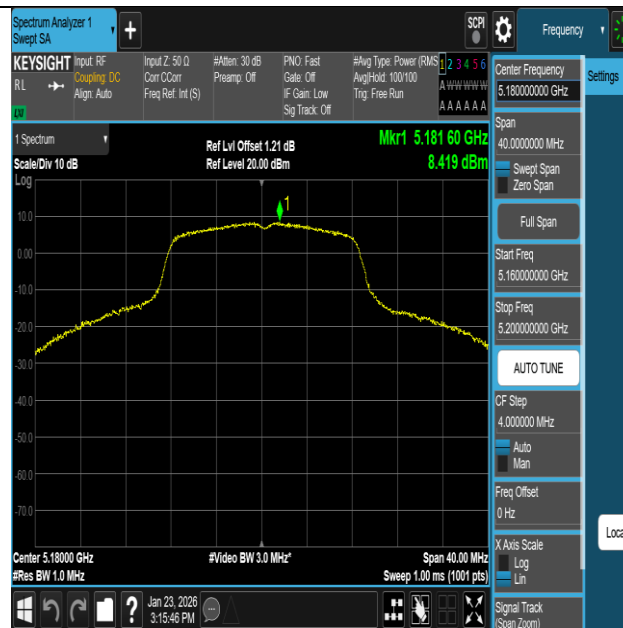
Appendix F: Maximum Power Spectral Density

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]		Limit[dBm/MHz]	Verdict
			SISO	CDD		
11A	Ant1	5180	8.42	N/A	11	PASS
11A	Ant1	5200	7.99	N/A	11	PASS
11A	Ant1	5240	8.14	N/A	11	PASS
11A	Ant1	5260	8.07	N/A	11	PASS
11A	Ant1	5280	8.36	N/A	11	PASS
11A	Ant1	5320	8.43	N/A	11	PASS
11A	Ant1	5500	8.64	N/A	11	PASS
11A	Ant1	5580	9.66	N/A	11	PASS
11A	Ant1	5700	8.30	N/A	11	PASS
11A	Ant1	5745	5.71	N/A	30	PASS
11A	Ant1	5785	5.59	N/A	30	PASS
11A	Ant1	5825	6.16	N/A	30	PASS
11N20SISO	Ant1	5180	4.75	7.76	11	PASS
11N20SISO	Ant1	5200	4.72	7.73	11	PASS
11N20SISO	Ant1	5240	4.70	7.71	11	PASS
11N20SISO	Ant1	5260	4.92	7.93	11	PASS
11N20SISO	Ant1	5280	4.92	7.93	11	PASS
11N20SISO	Ant1	5320	5.43	8.44	11	PASS
11N20SISO	Ant1	5500	6.03	9.04	11	PASS
11N20SISO	Ant1	5580	5.85	8.86	11	PASS
11N20SISO	Ant1	5700	5.18	8.19	11	PASS
11N20SISO	Ant1	5745	1.97	4.98	30	PASS
11N20SISO	Ant1	5785	2.13	5.14	30	PASS
11N20SISO	Ant1	5825	2.60	5.61	30	PASS
11N40SISO	Ant1	5190	1.78	4.79	11	PASS
11N40SISO	Ant1	5230	1.83	4.84	11	PASS
11N40SISO	Ant1	5270	2.09	5.1	11	PASS
11N40SISO	Ant1	5310	2.32	5.33	11	PASS
11N40SISO	Ant1	5510	1.90	4.91	11	PASS
11N40SISO	Ant1	5550	2.87	5.88	11	PASS
11N40SISO	Ant1	5670	2.25	5.26	11	PASS
11N40SISO	Ant1	5755	-1.08	1.93	30	PASS
11N40SISO	Ant1	5795	-0.66	2.35	30	PASS
11AC80SISO	Ant1	5210	-1.27	1.74	11	PASS
11AC80SISO	Ant1	5290	-1.39	1.62	11	PASS
11AC80SISO	Ant1	5530	-1.05	1.96	11	PASS
11AC80SISO	Ant1	5610	-0.48	2.53	11	PASS
11AC80SISO	Ant1	5775	-4.57	-1.56	30	PASS

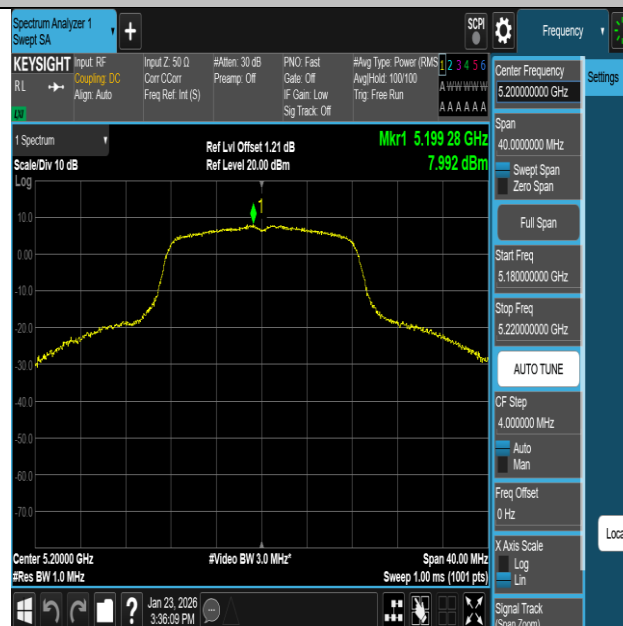
Note: 1.CDD PSD = SISO PSD + 10*Log(N), N = Antenna number.

2.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

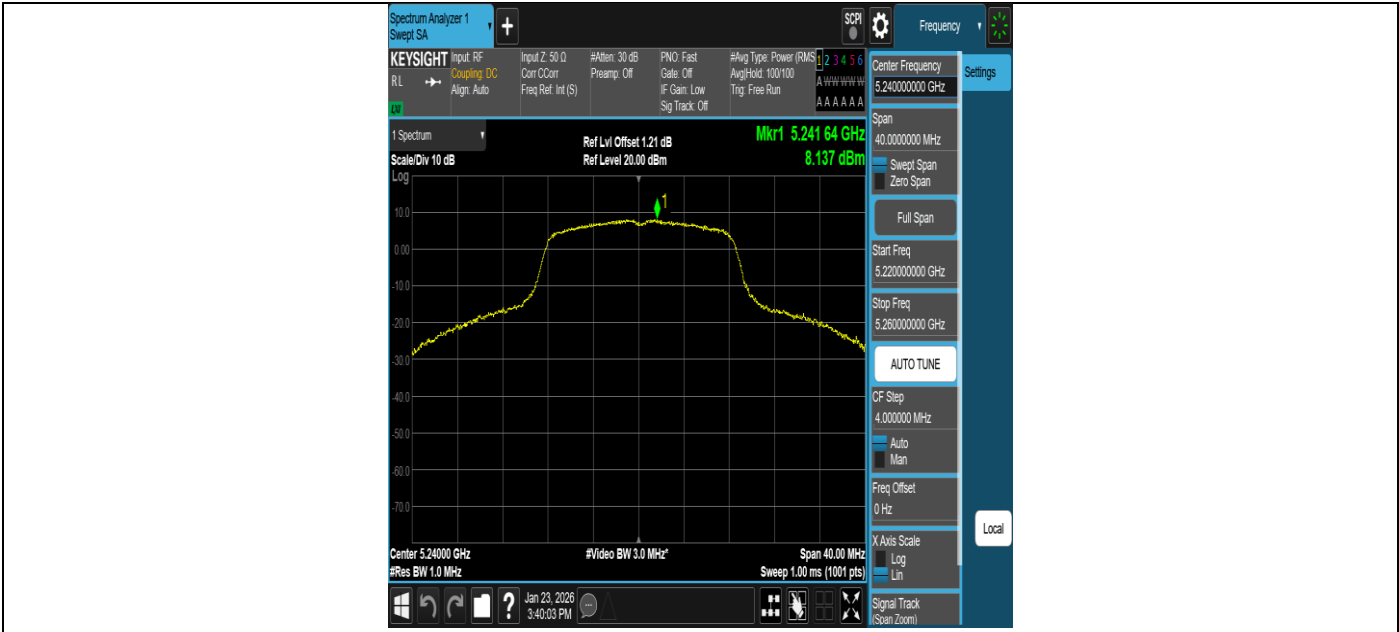
3.The Duty Cycle Factor is compensated in the graph.



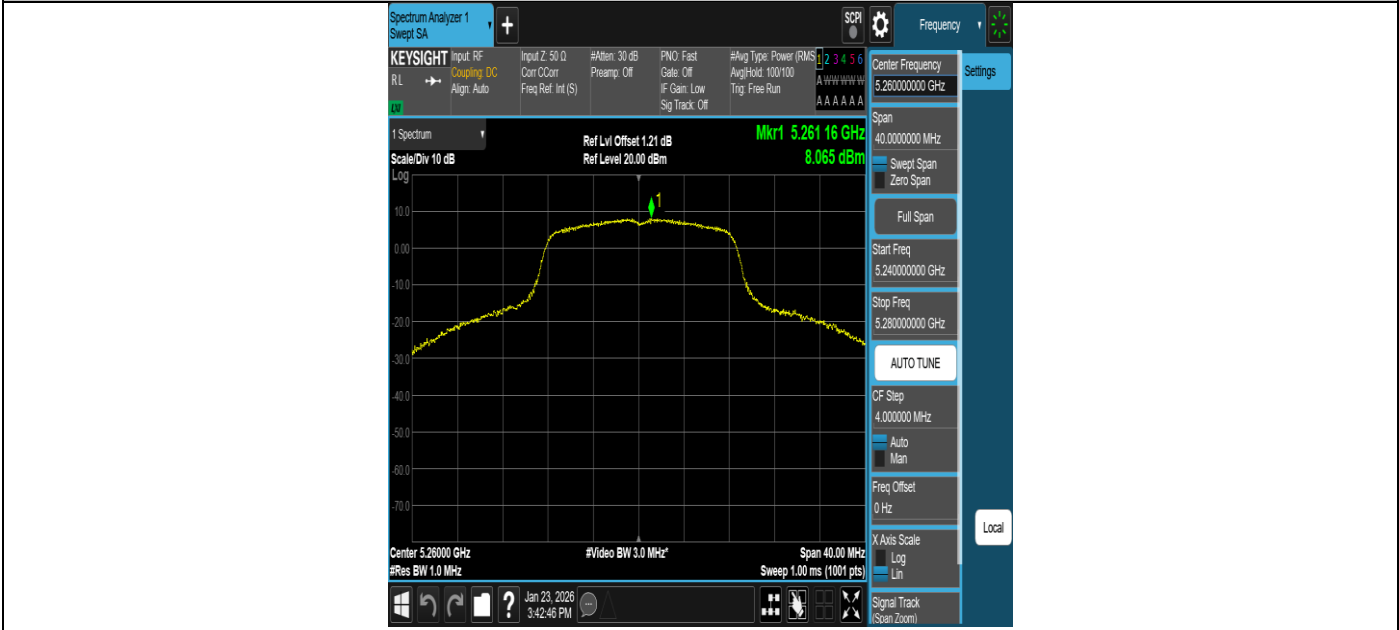
11A-Ant1-5180-PASS



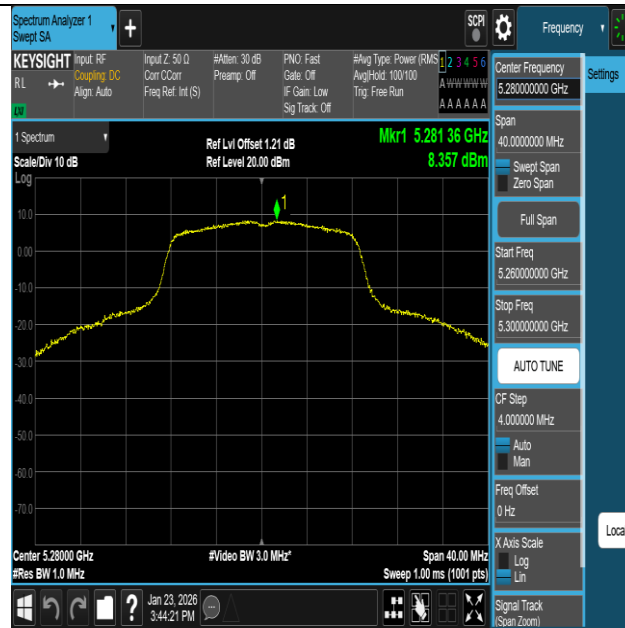
11A-Ant1-5200-PASS



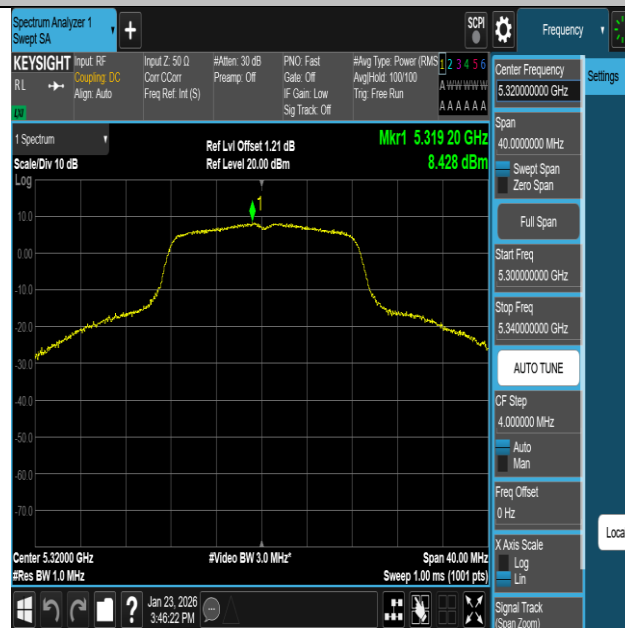
11A-Ant1-5240-PASS



11A-Ant1-5260-PASS

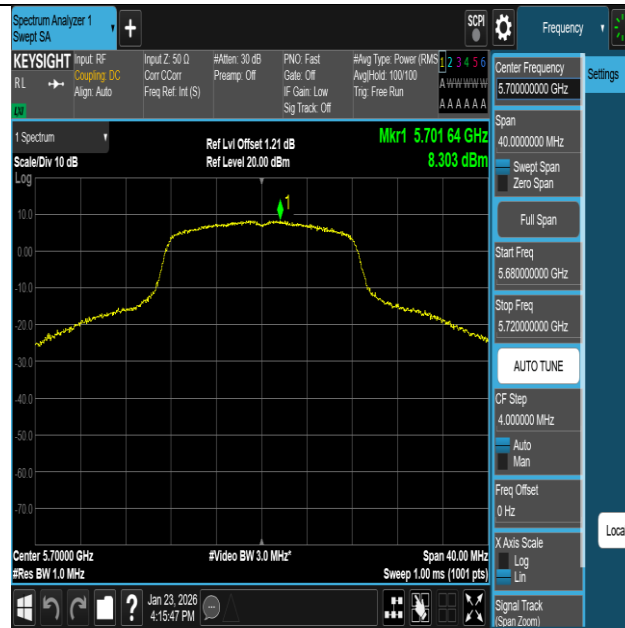


11A-Ant1-5280-PASS

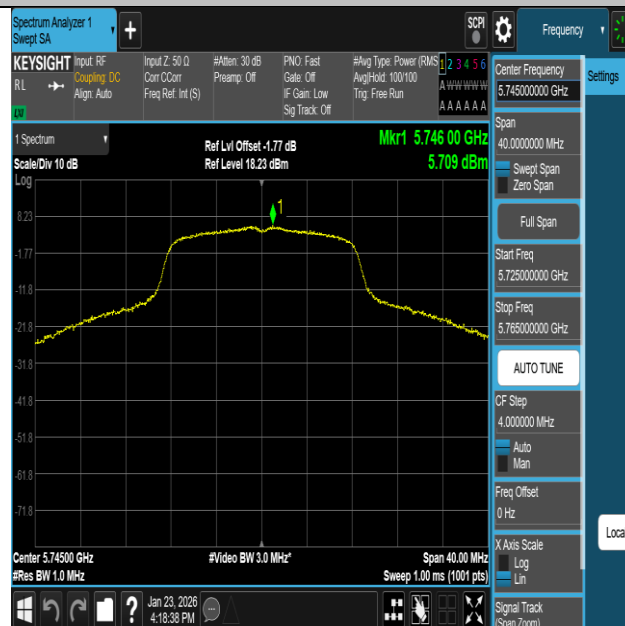


11A-Ant1-5320-PASS

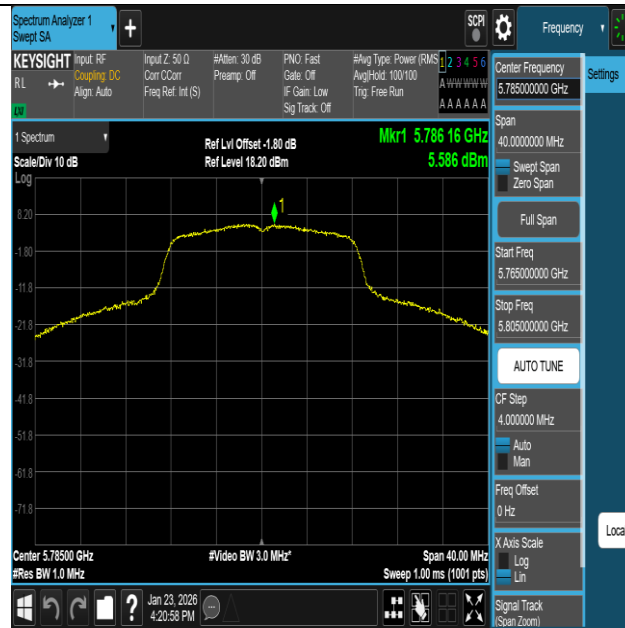




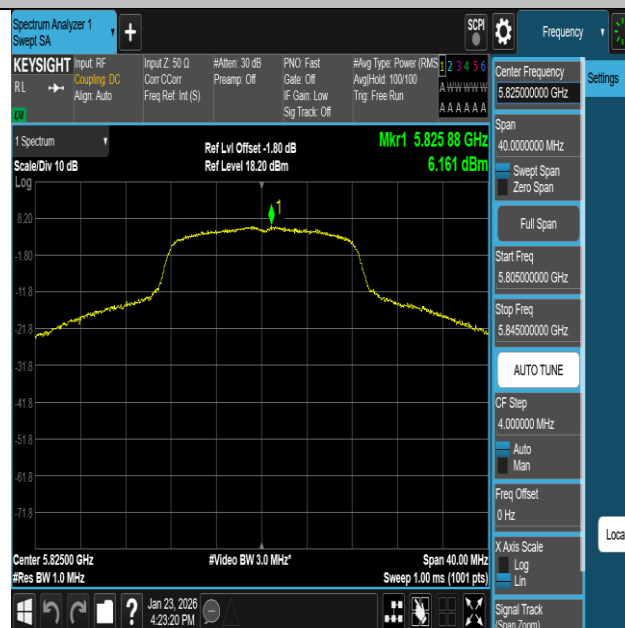
11A-Ant1-5700-PASS



11A-Ant1-5745-PASS

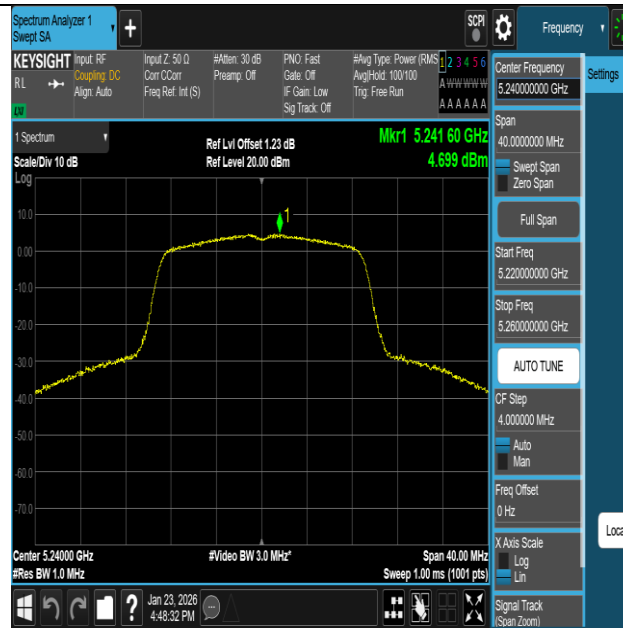


11A-Ant1-5785-PASS

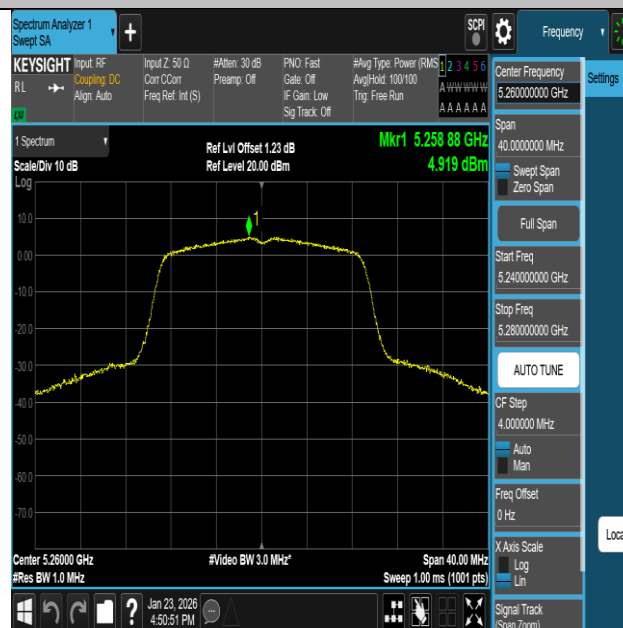


11A-Ant1-5825-PASS

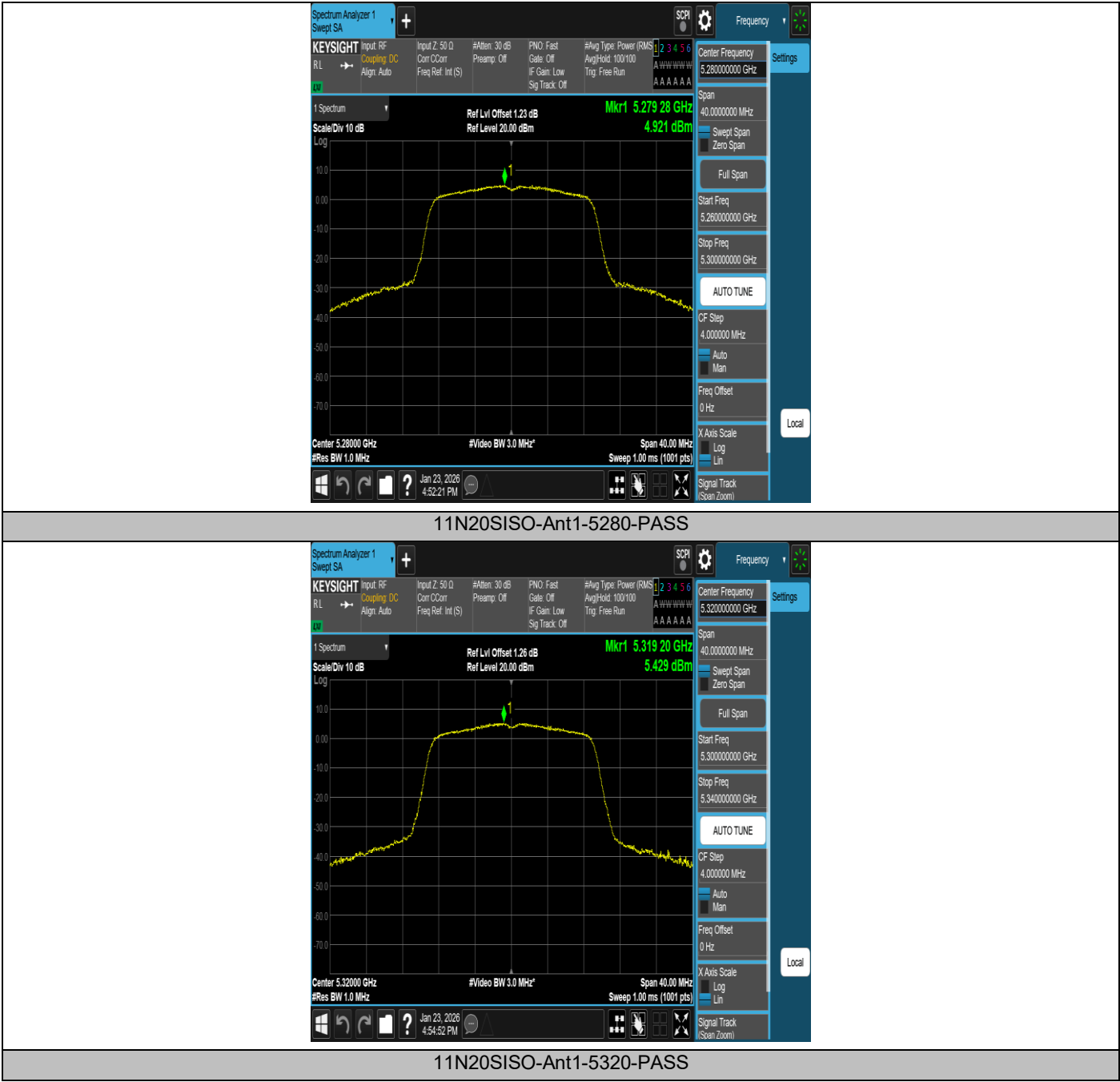


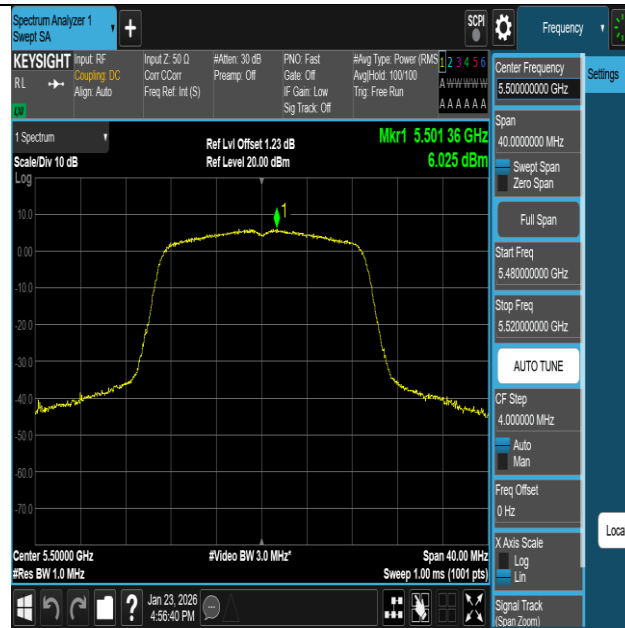


11N20SISO-Ant1-5240-PASS

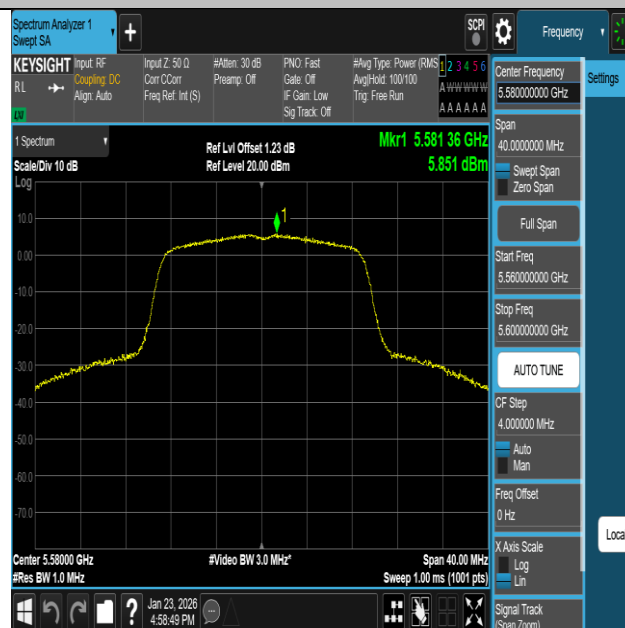


11N20SISO-Ant1-5260-PASS

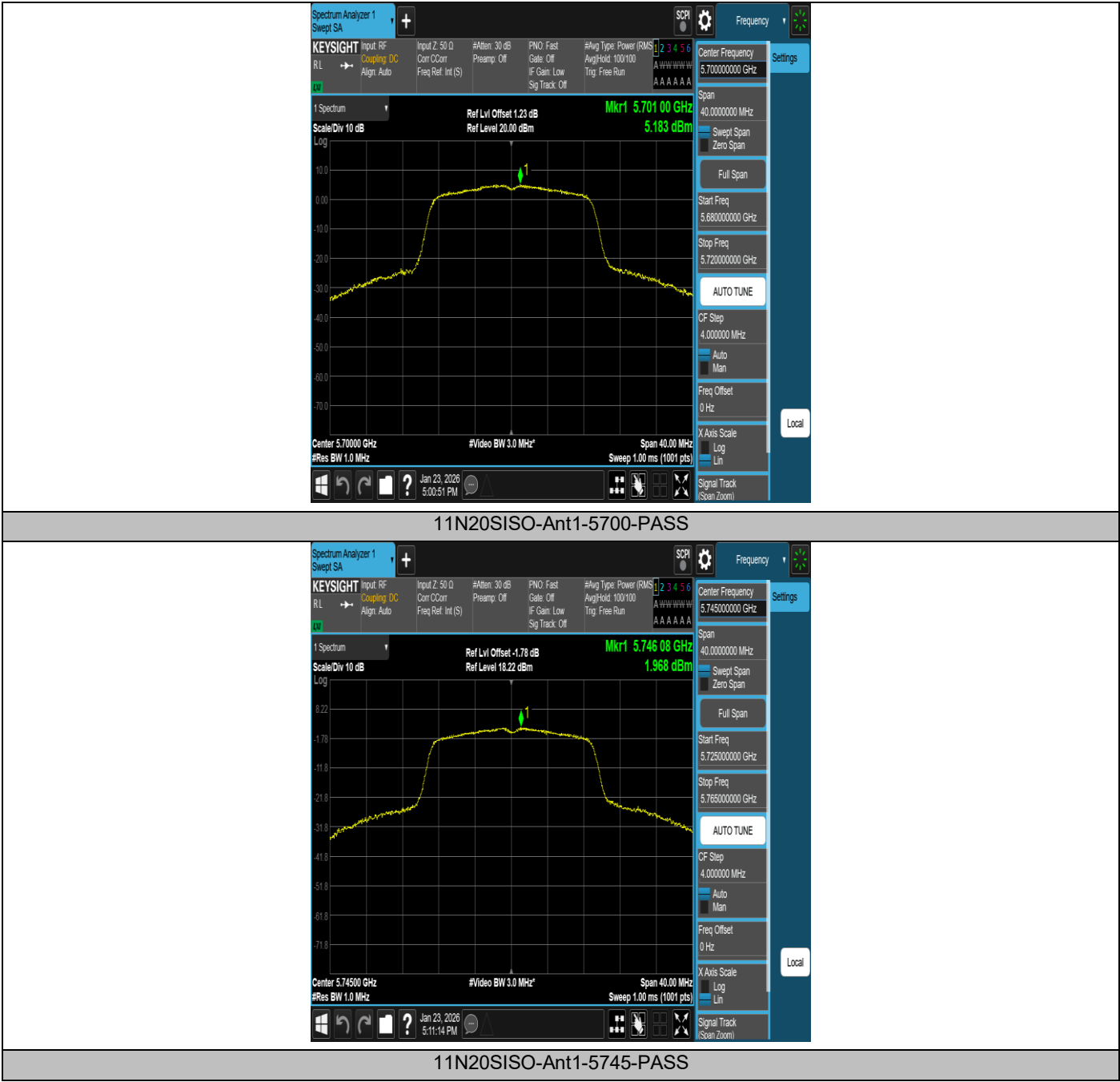


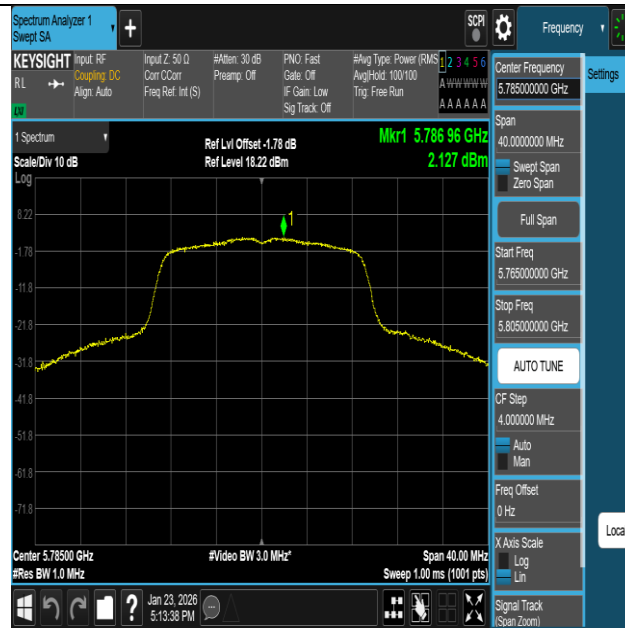


11N20SISO-Ant1-5500-PASS

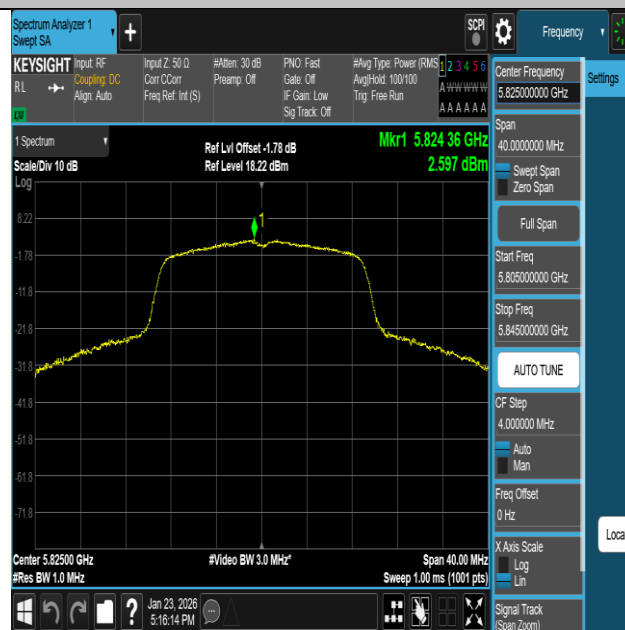


11N20SISO-Ant1-5580-PASS

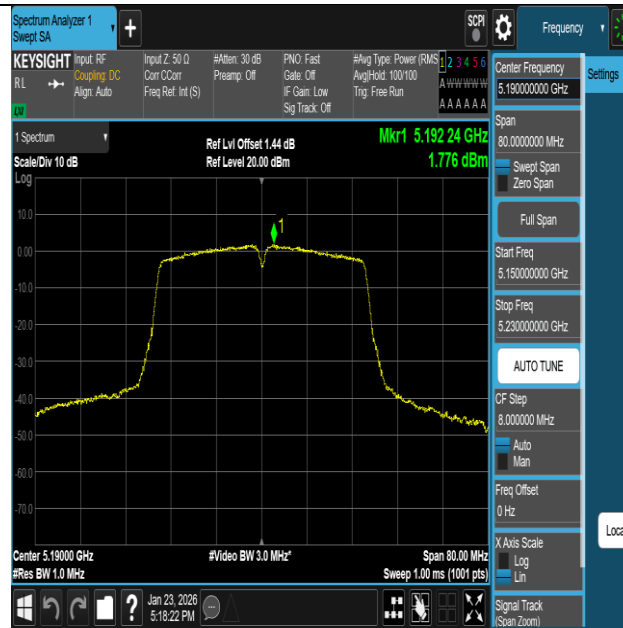




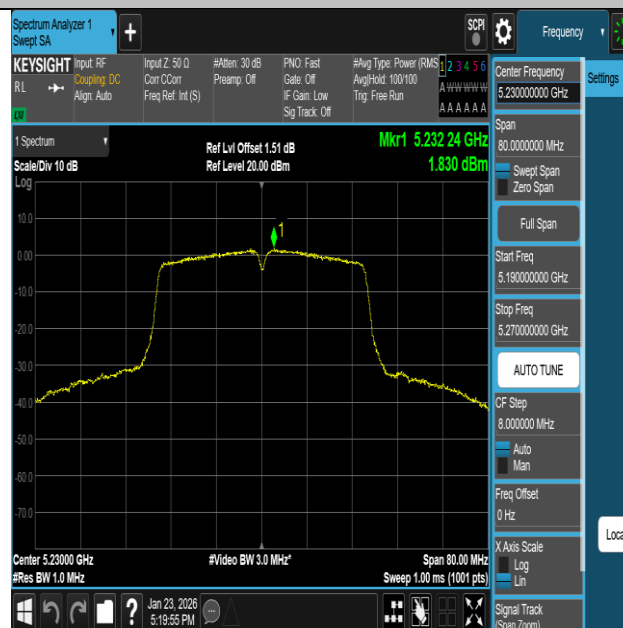
11N20SISO-Ant1-5785-PASS



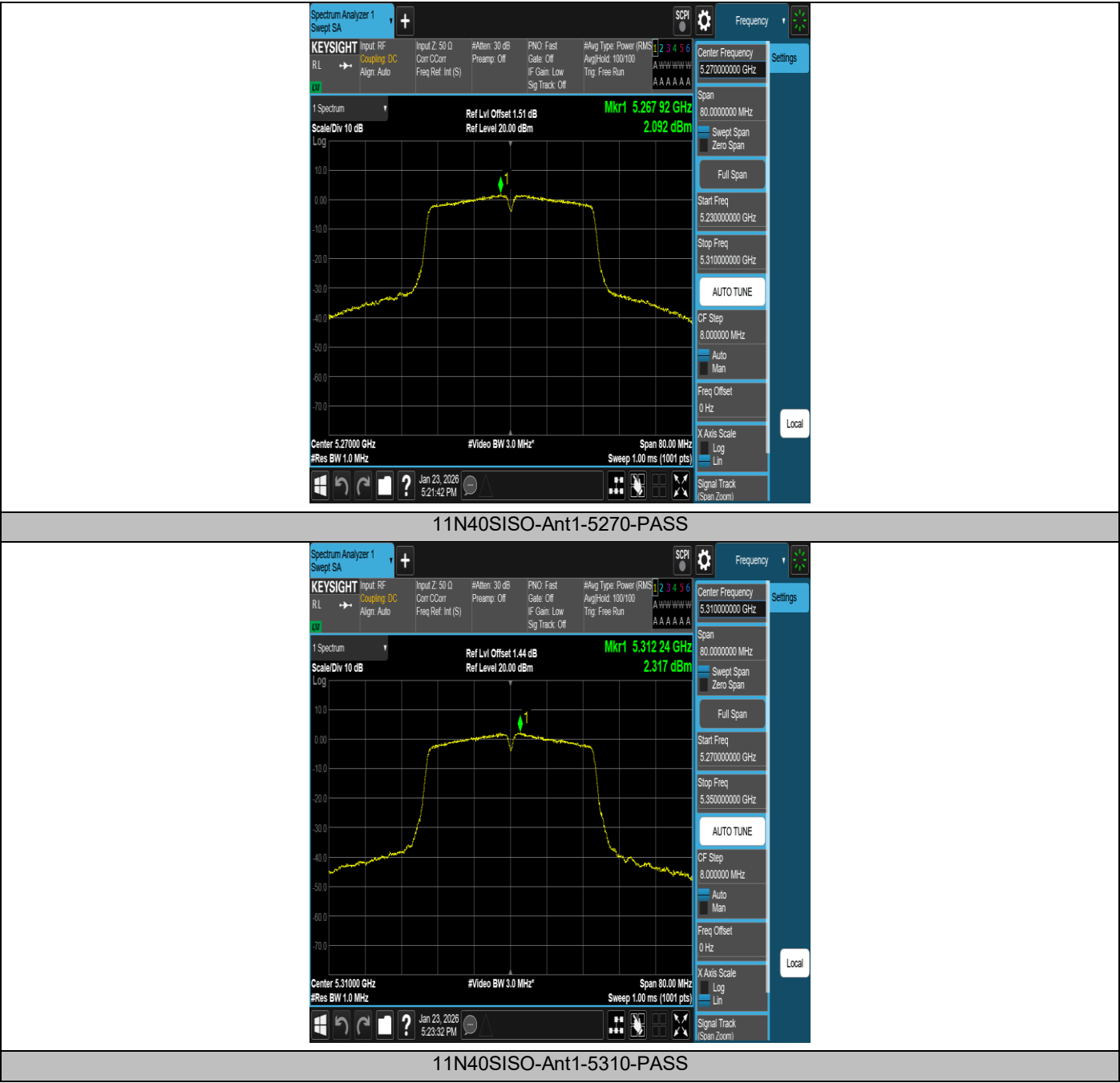
11N20SISO-Ant1-5825-PASS

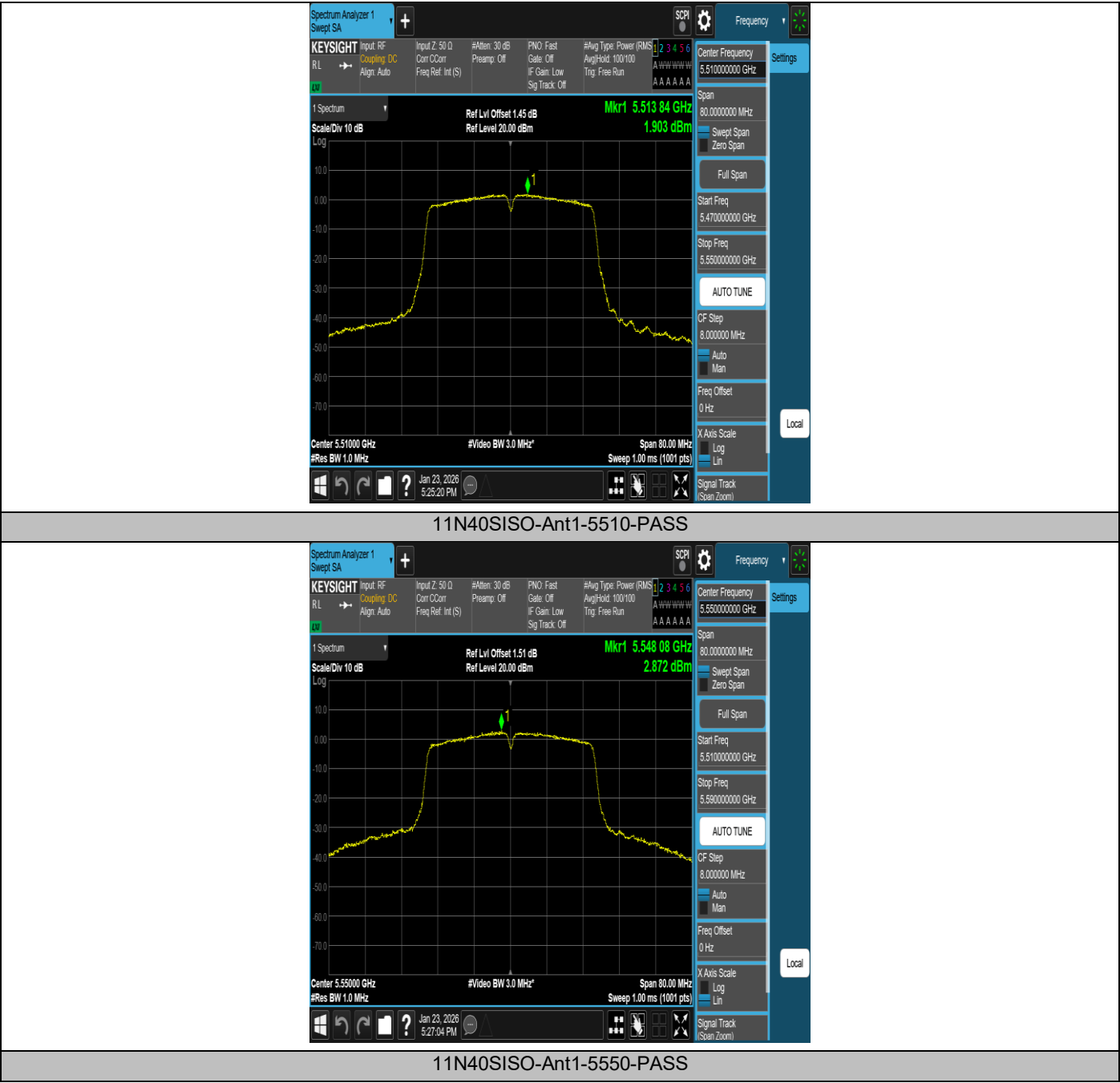


11N40SISO-Ant1-5190-PASS



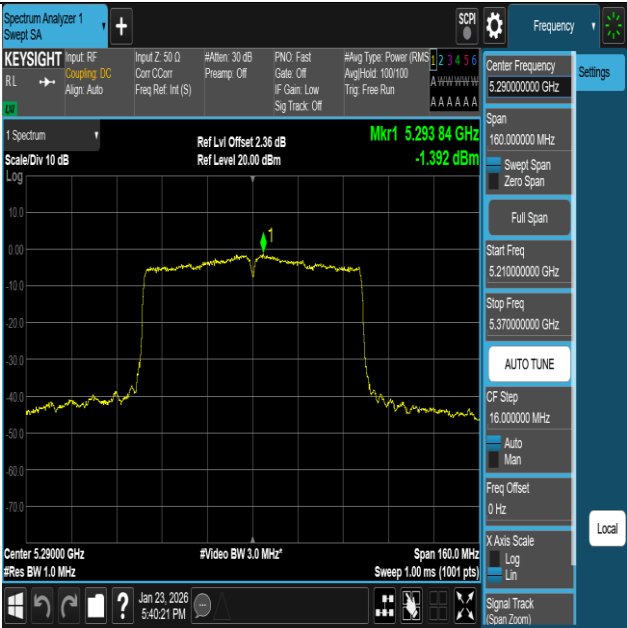
11N40SISO-Ant1-5230-PASS



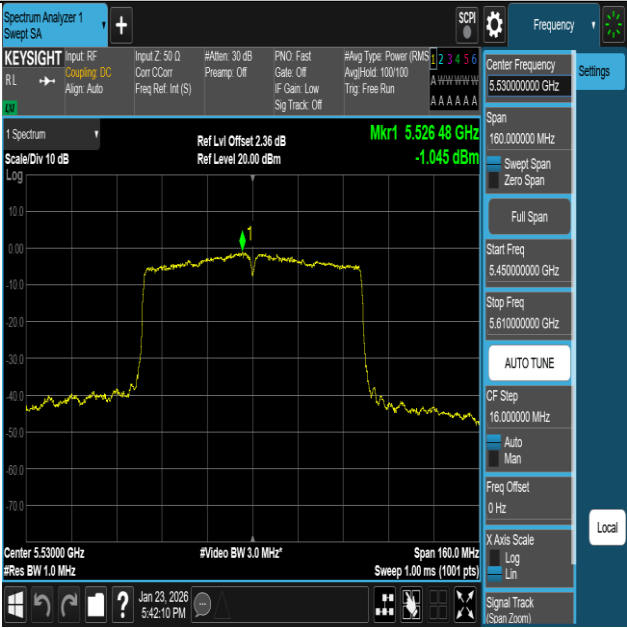




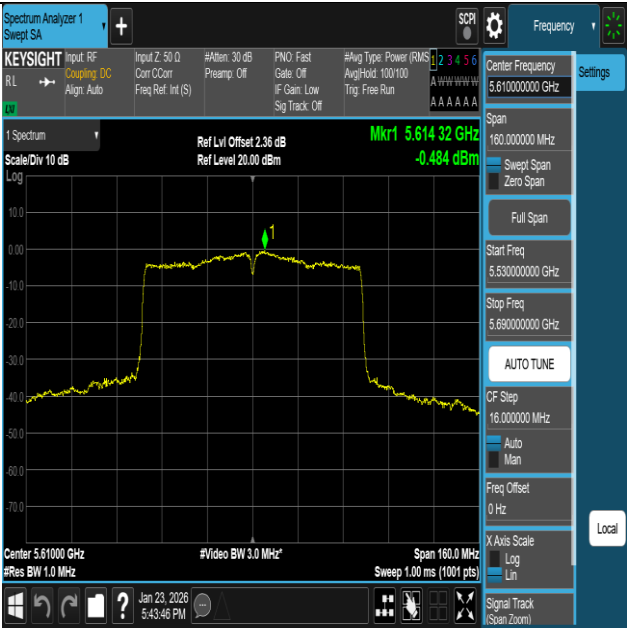




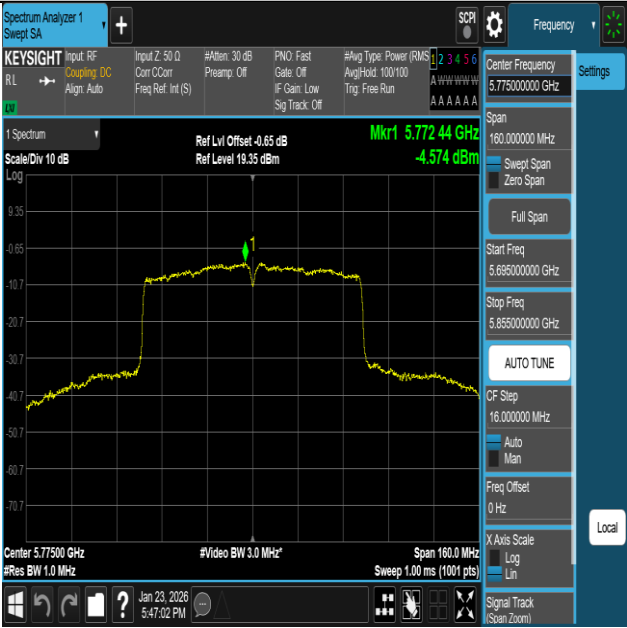
11AC80SISO-Ant1-5290-PASS



11AC80SISO-Ant1-5530-PASS



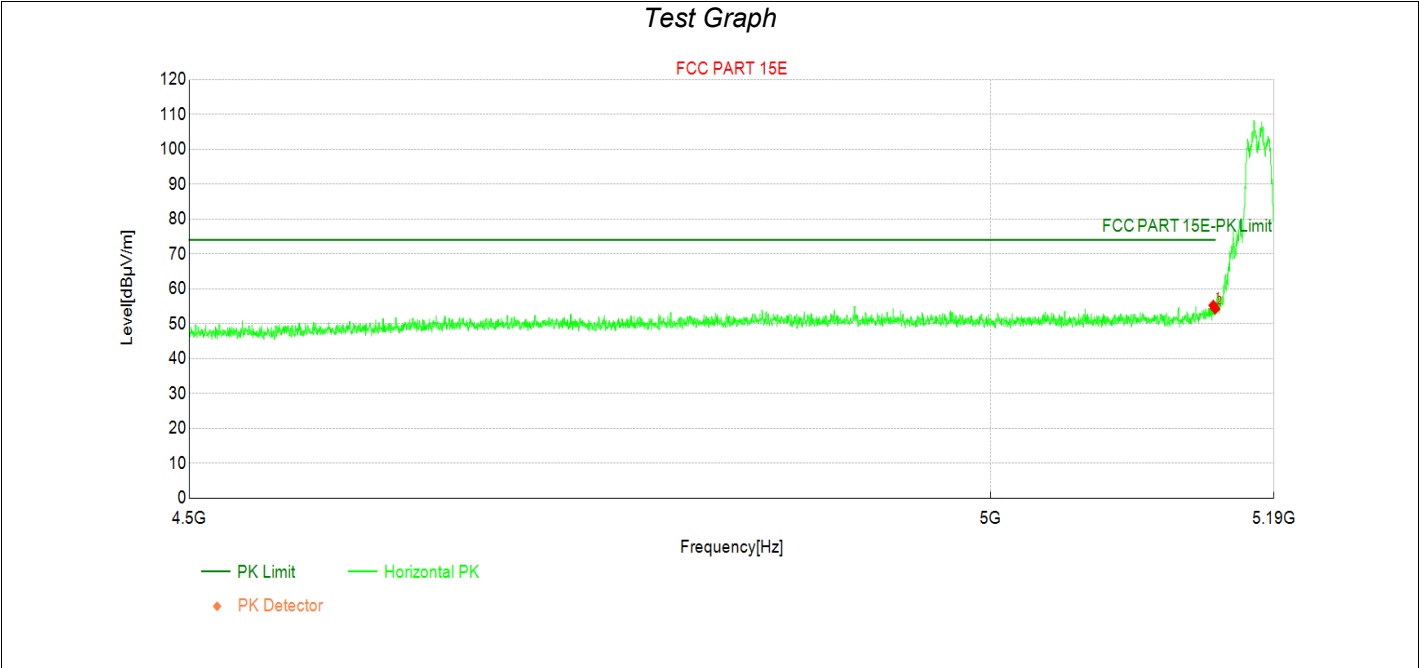
11AC80SISO-Ant1-5610-PASS



11AC80SISO-Ant1-5775-PASS

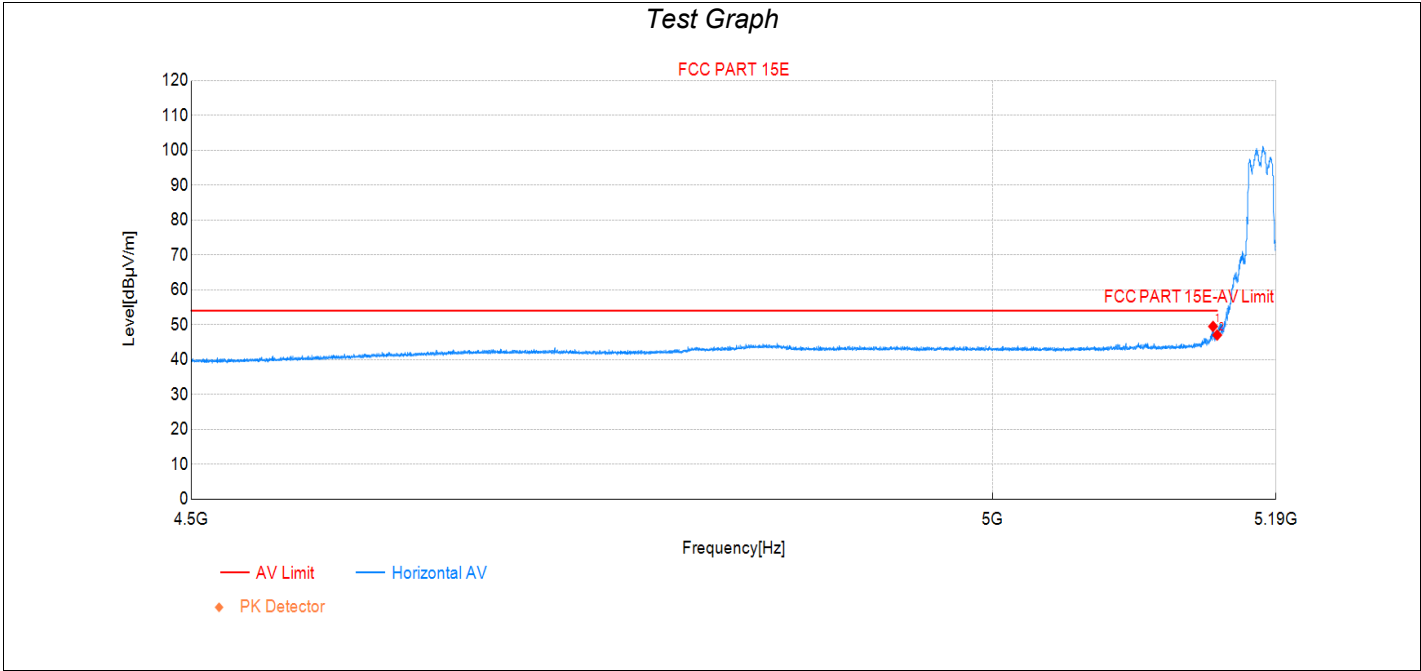
Appendix G: Radiated Emission Band Edge

Transmit at 5180MHz by 802.11a with Ant1



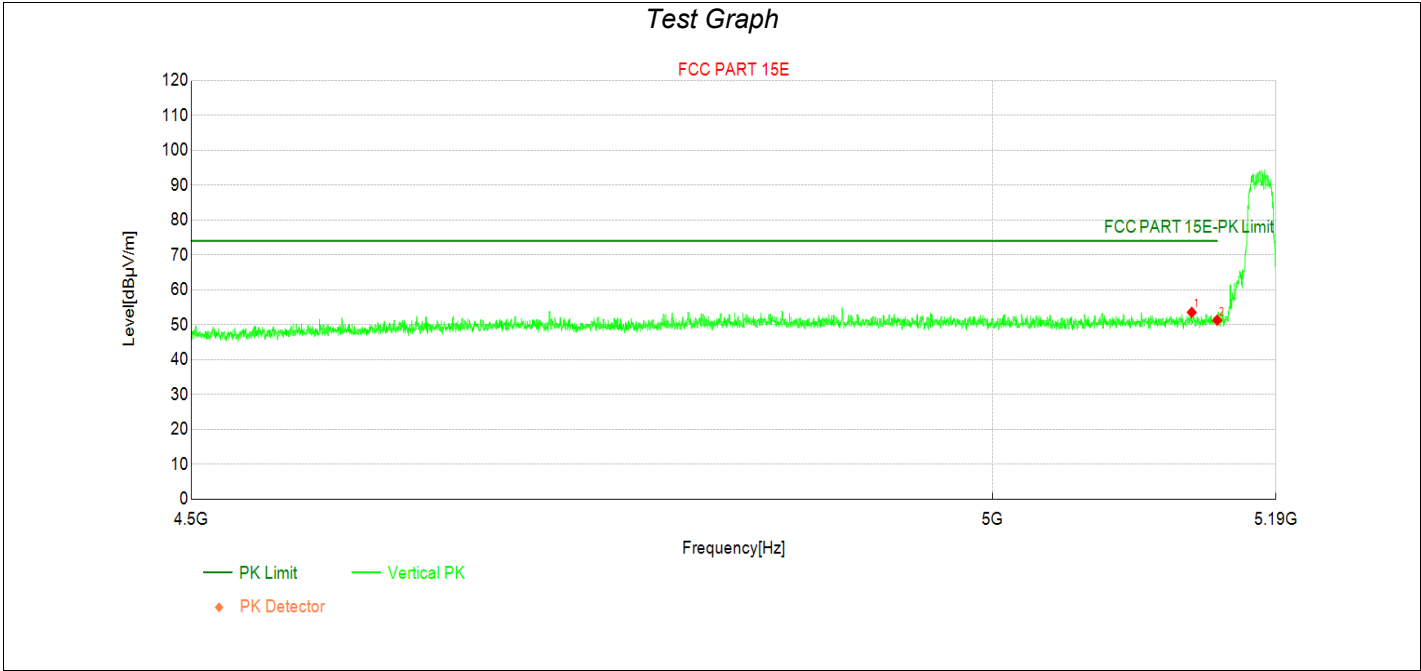
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5148.77	39.11	55.23	16.12	74.00	18.77	PK	Horizo	PASS
2	5150.00	38.14	54.25	16.11	74.00	19.75	PK	Horizo	PASS

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	5147.22	33.38	49.50	16.12	54.00	4.50	AV	Horizo	PASS
2	5150.00	30.92	47.03	16.11	54.00	6.97	AV	Horizo	PASS

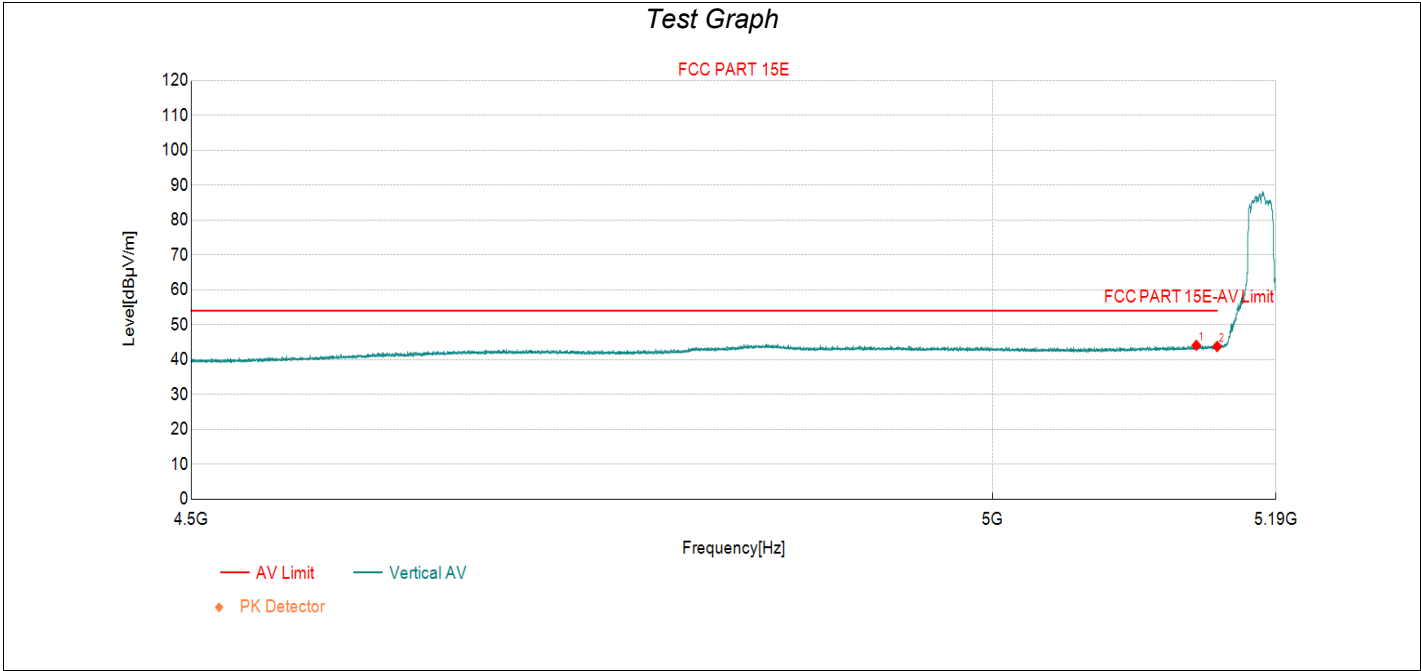
Transmit at 5180MHz by 802.11a with Ant1



Data List

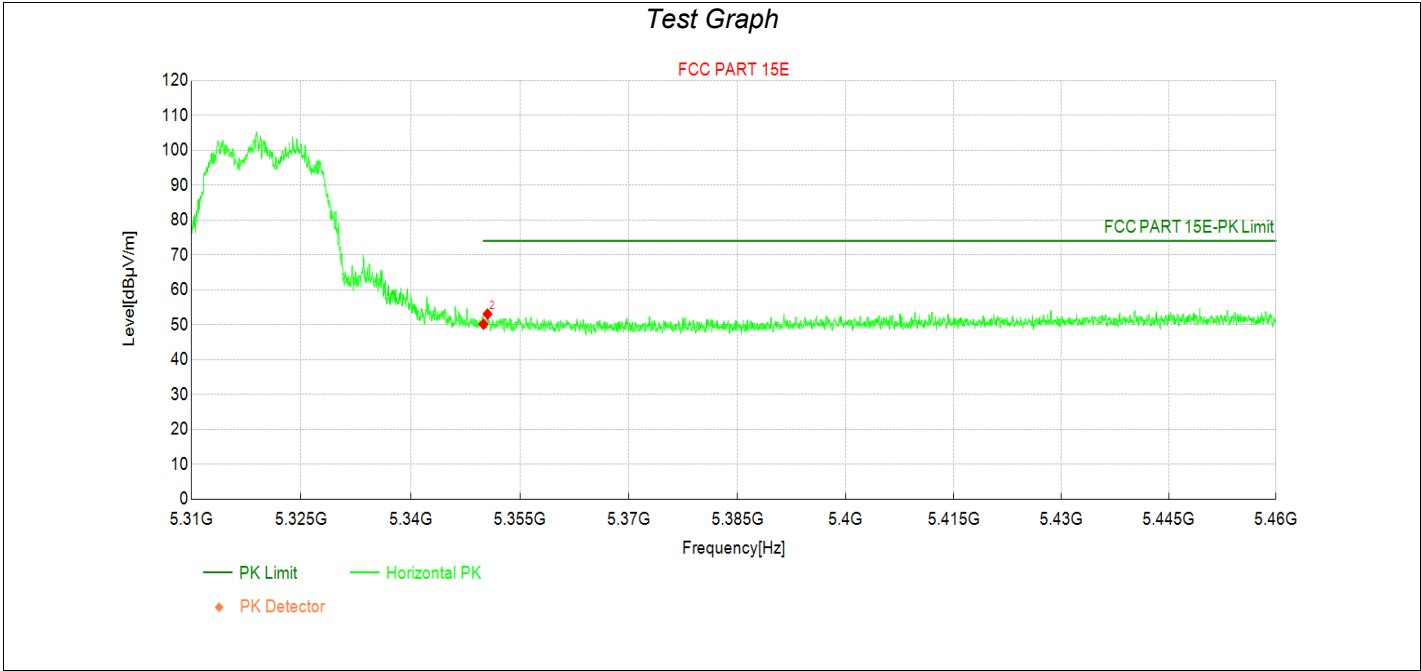
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5132.82	37.39	53.53	16.14	74.00	20.47	PK	Vertic	PASS
2	5150.00	35.15	51.26	16.11	74.00	22.74	PK	Vertic	PASS

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	5135.92	27.95	44.08	16.13	54.00	9.92	AV	Vertic	PASS
2	5150.00	27.64	43.75	16.11	54.00	10.25	AV	Vertic	PASS

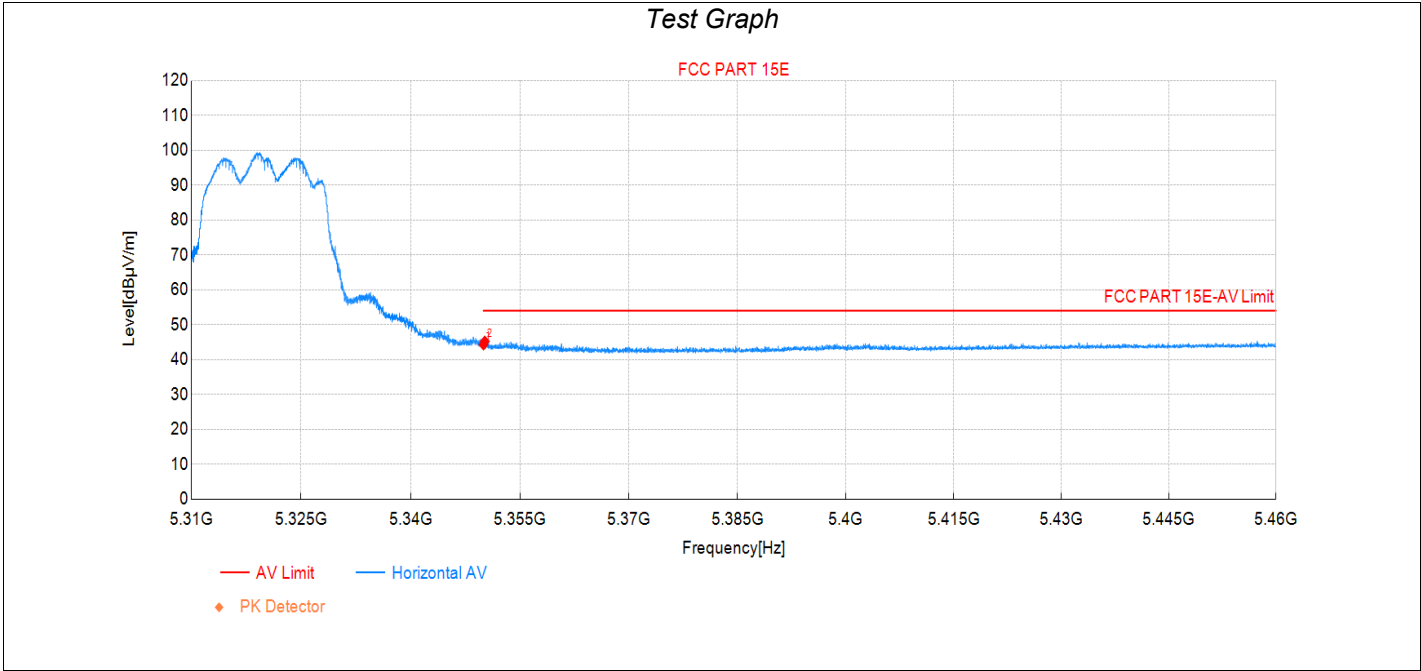
Transmit at 5320MHz by 802.11a with Ant1



Data List

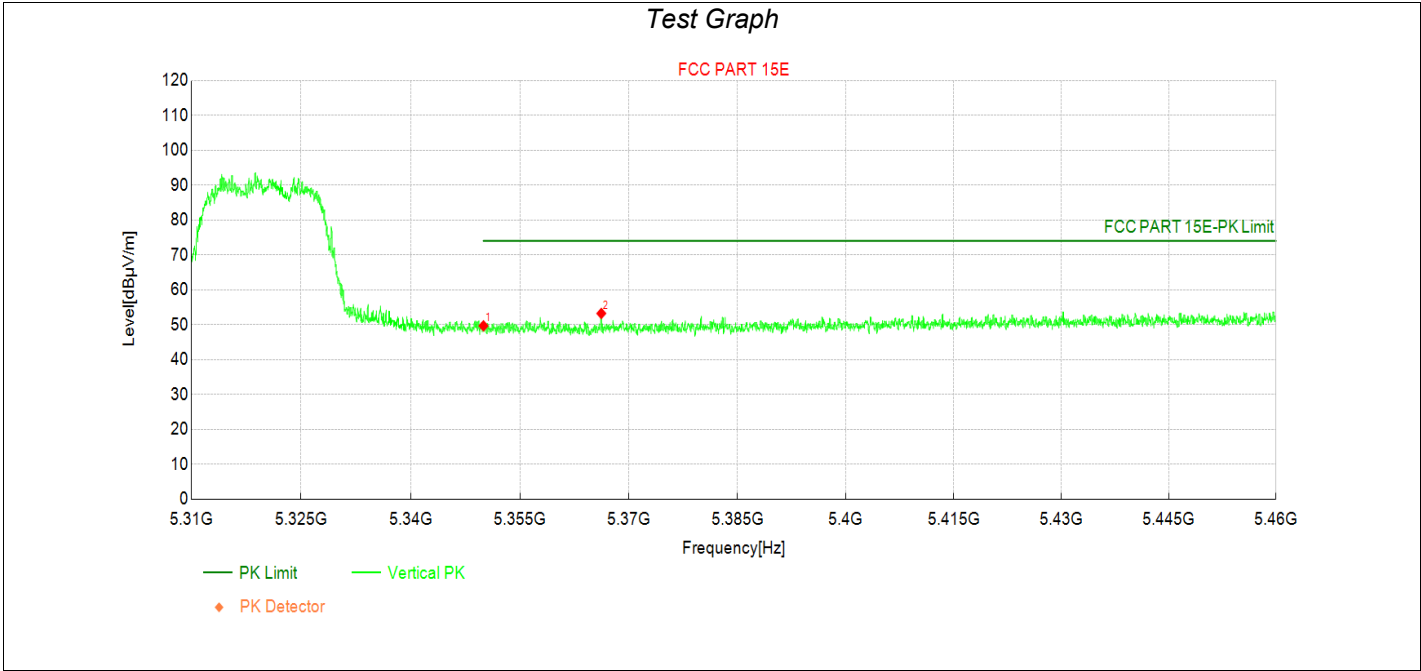
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	33.67	50.13	16.46	74.00	23.87	PK	Horizo	PASS
2	5350.56	36.59	53.05	16.46	74.00	20.95	PK	Horizo	PASS

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	27.78	44.24	16.46	54.00	9.76	AV	Horizo	PASS
2	5350.18	28.77	45.23	16.46	54.00	8.77	AV	Horizo	PASS

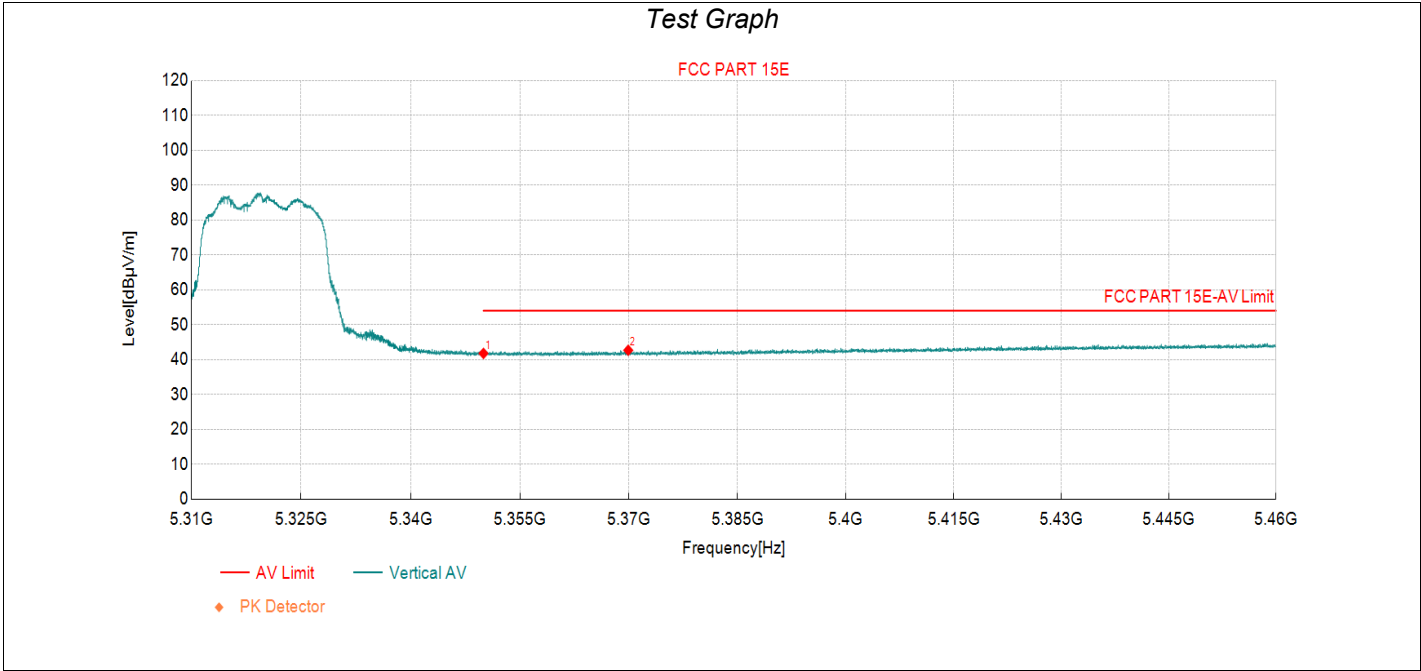
Transmit at 5320MHz by 802.11a with Ant1



Data List

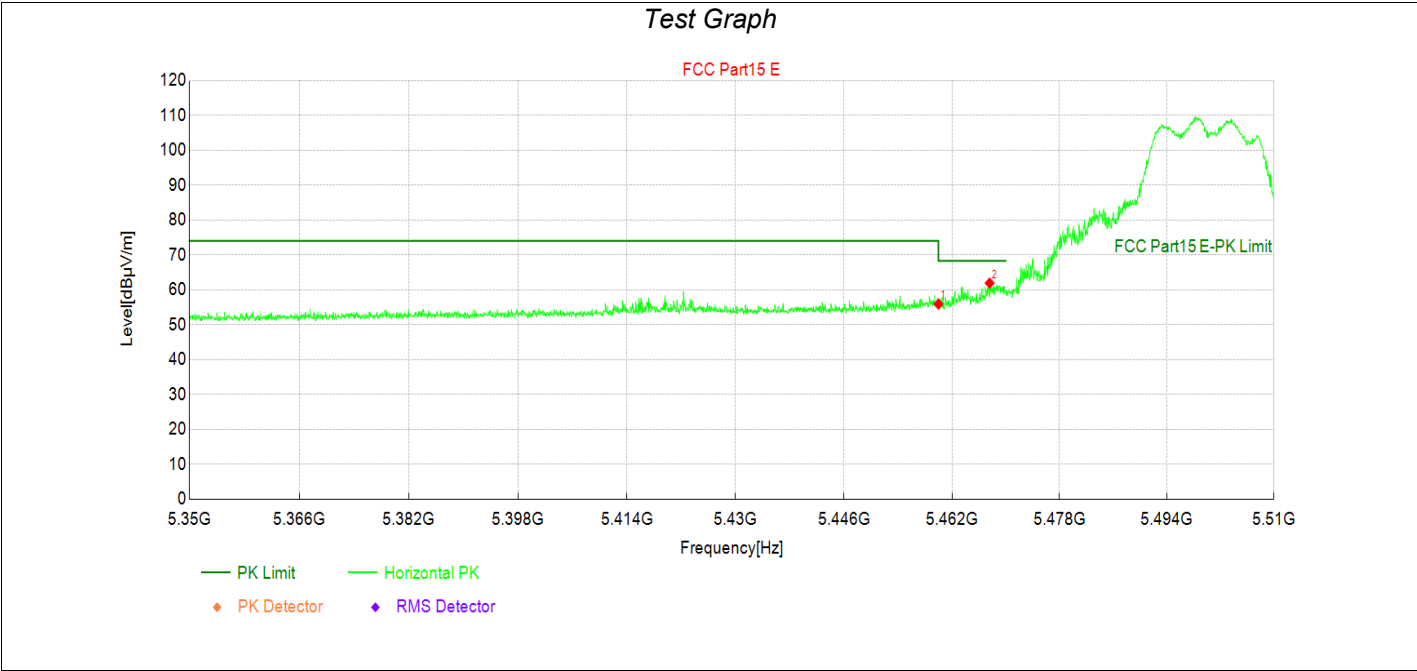
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	33.20	49.66	16.46	74.00	24.34	PK	Vertic	PASS
2	5366.21	36.70	53.21	16.51	74.00	20.79	PK	Vertic	PASS

Transmit at 5320MHz by 802.11a with Ant1



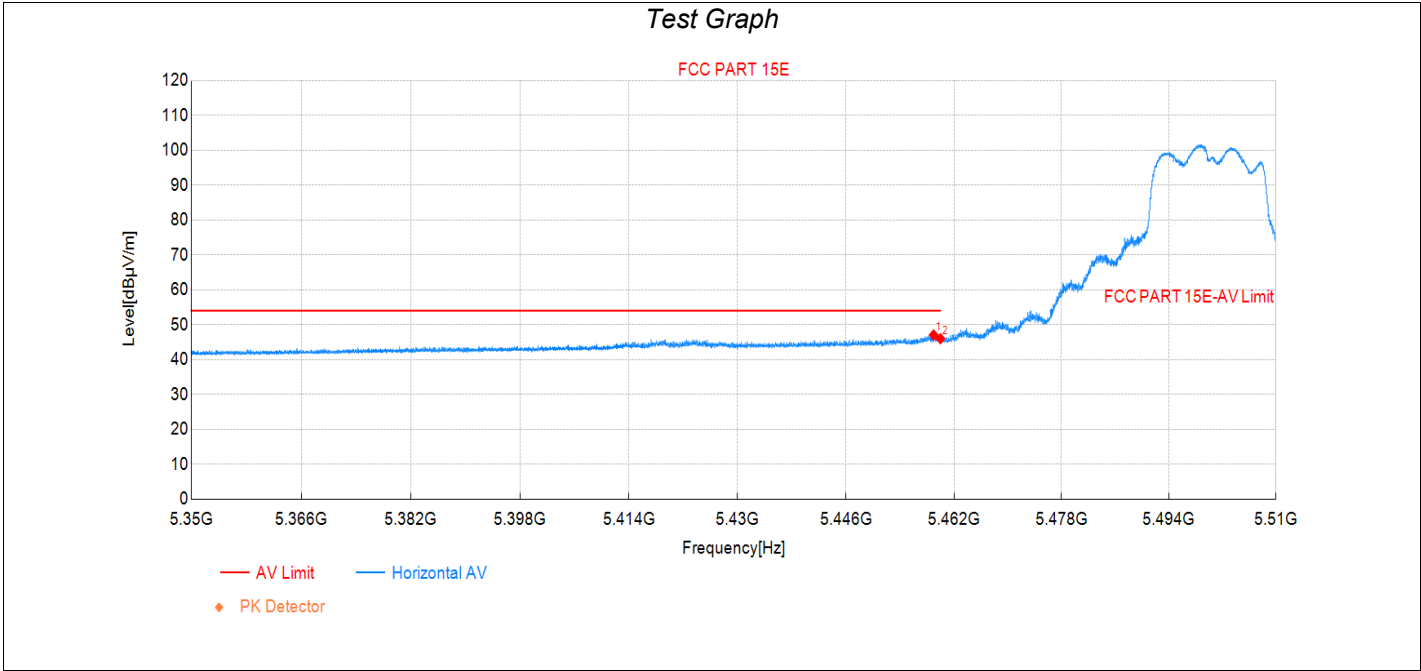
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	25.30	41.76	16.46	54.00	12.24	AV	Vertic	PASS
2	5369.93	26.15	42.67	16.52	54.00	11.33	AV	Vertic	PASS

Transmit at 5500MHz by 802.11a with Ant1



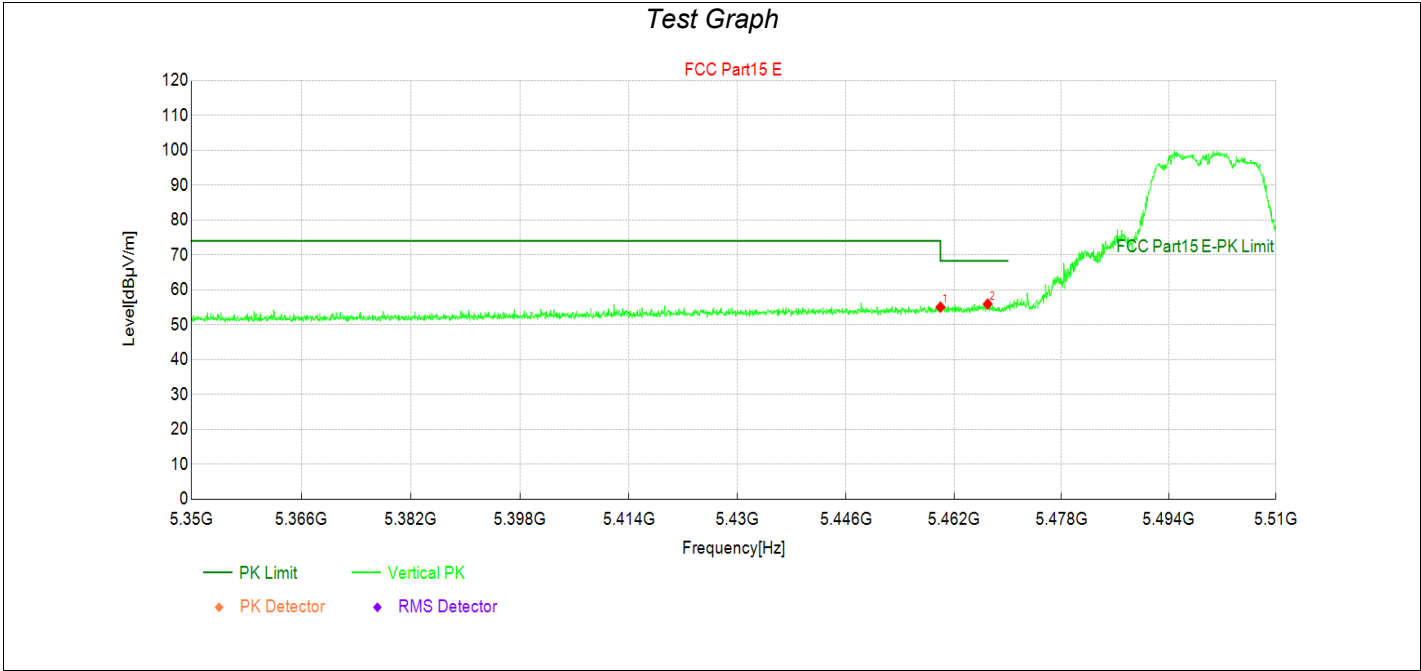
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	38.75	55.92	17.17	68.30	12.38	PK	Horizo	PASS
2	5467.60	44.66	61.91	17.25	68.30	6.39	PK	Horizo	PASS

Transmit at 5500MHz by 802.11a with Ant1



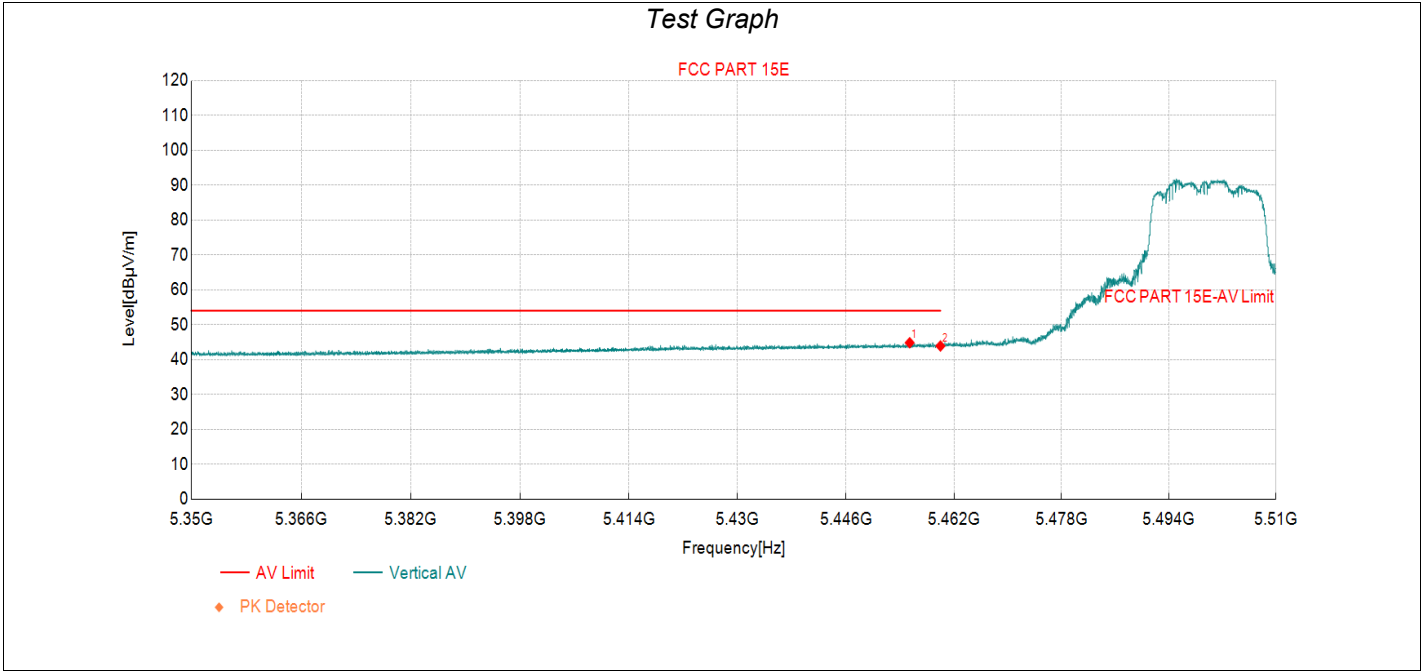
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5459.00	29.88	47.04	17.16	54.00	6.96	AV	Horizo	PASS
2	5460.00	28.80	45.97	17.17	54.00	8.03	AV	Horizo	PASS

Transmit at 5500MHz by 802.11a with Ant1



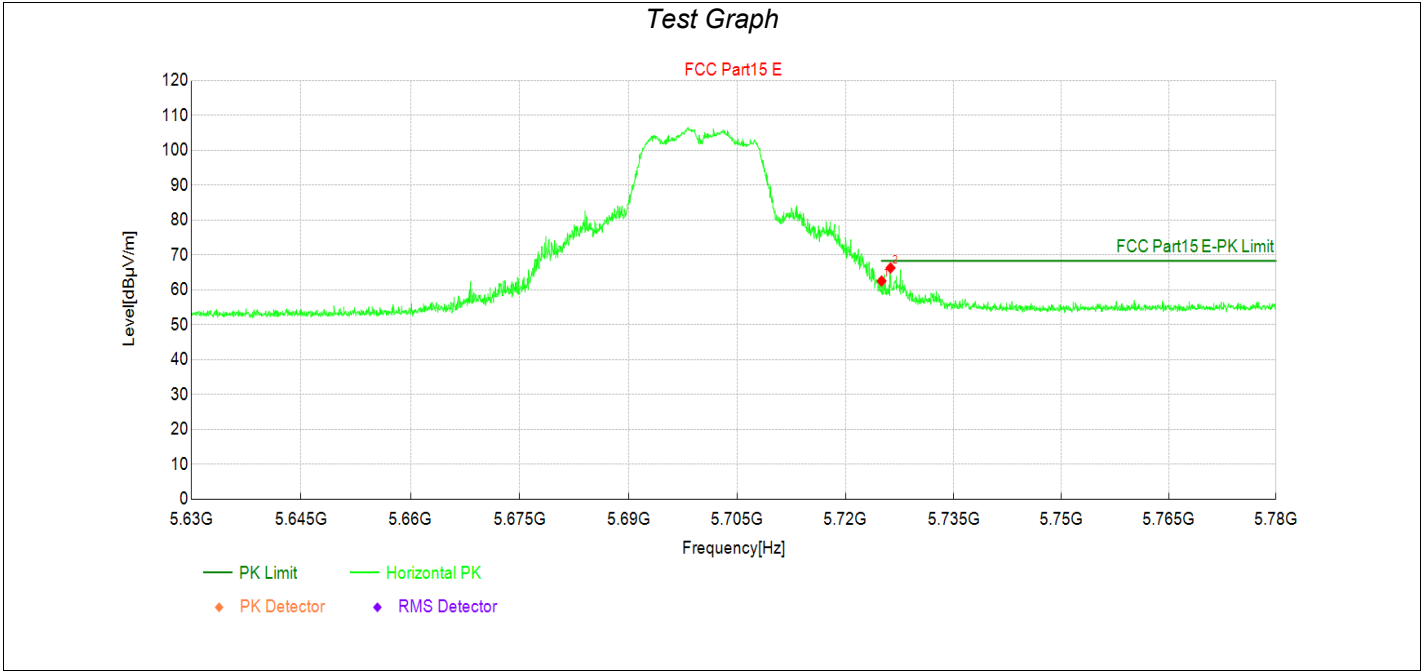
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5460.00	37.85	55.02	17.17	68.30	13.28	PK	Vertic	PASS
2	5467.01	38.67	55.91	17.24	68.30	12.39	PK	Vertic	PASS

Transmit at 5500MHz by 802.11a with Ant1



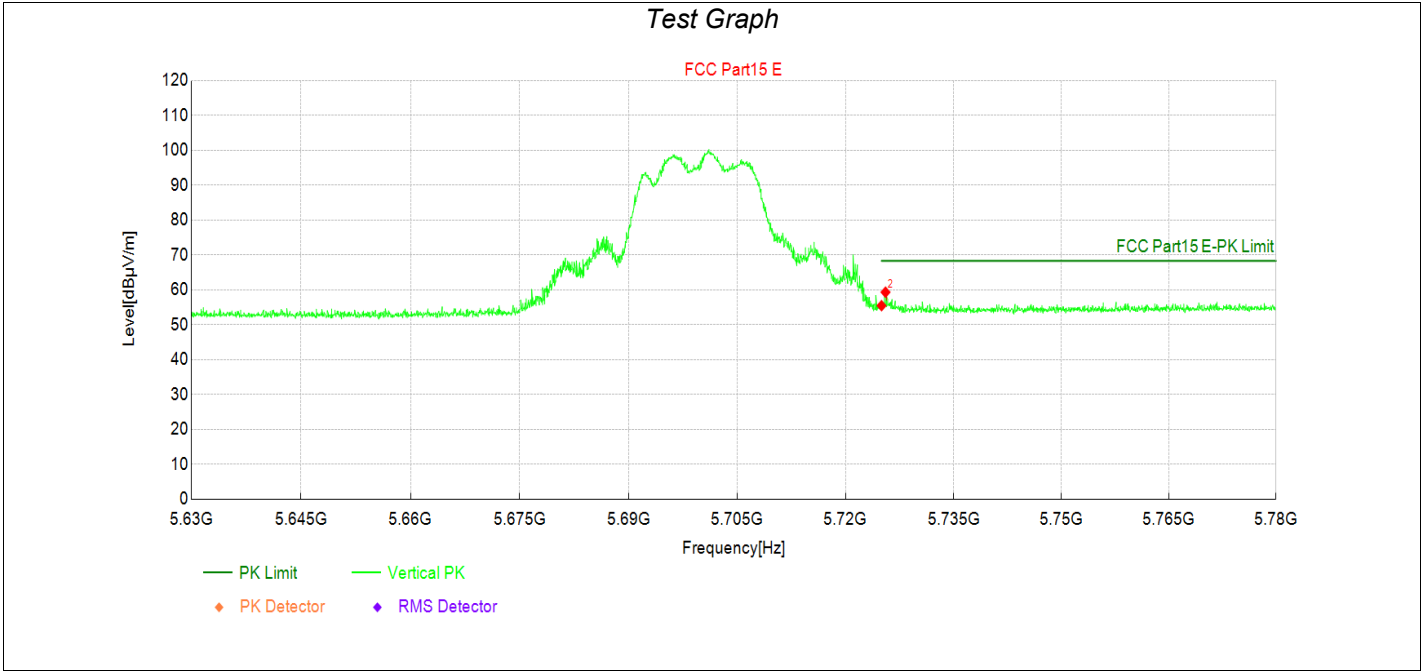
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5455.44	27.69	44.82	17.13	54.00	9.18	AV	Vertic	PASS
2	5460.00	26.72	43.89	17.17	54.00	10.11	AV	Vertic	PASS

Transmit at 5700MHz by 802.11a with Ant1



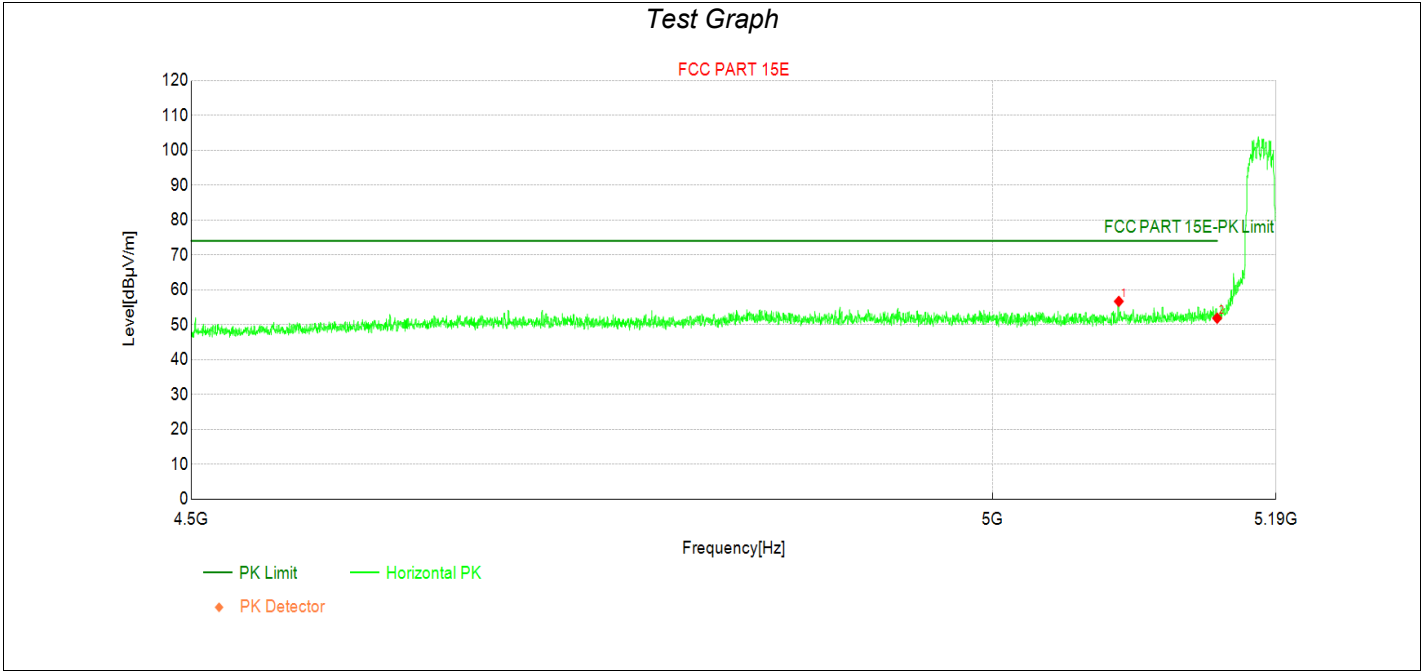
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5725.00	44.53	62.50	17.97	68.30	5.80	PK	Horizo	PASS
2	5726.25	48.26	66.25	17.99	68.30	2.05	PK	Horizo	PASS

Transmit at 5700MHz 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	5725.00	37.48	55.45	17.97	68.30	12.85	PK	Vertic	PASS
2	5725.55	41.31	59.30	17.99	68.30	9.00	PK	Vertic	PASS

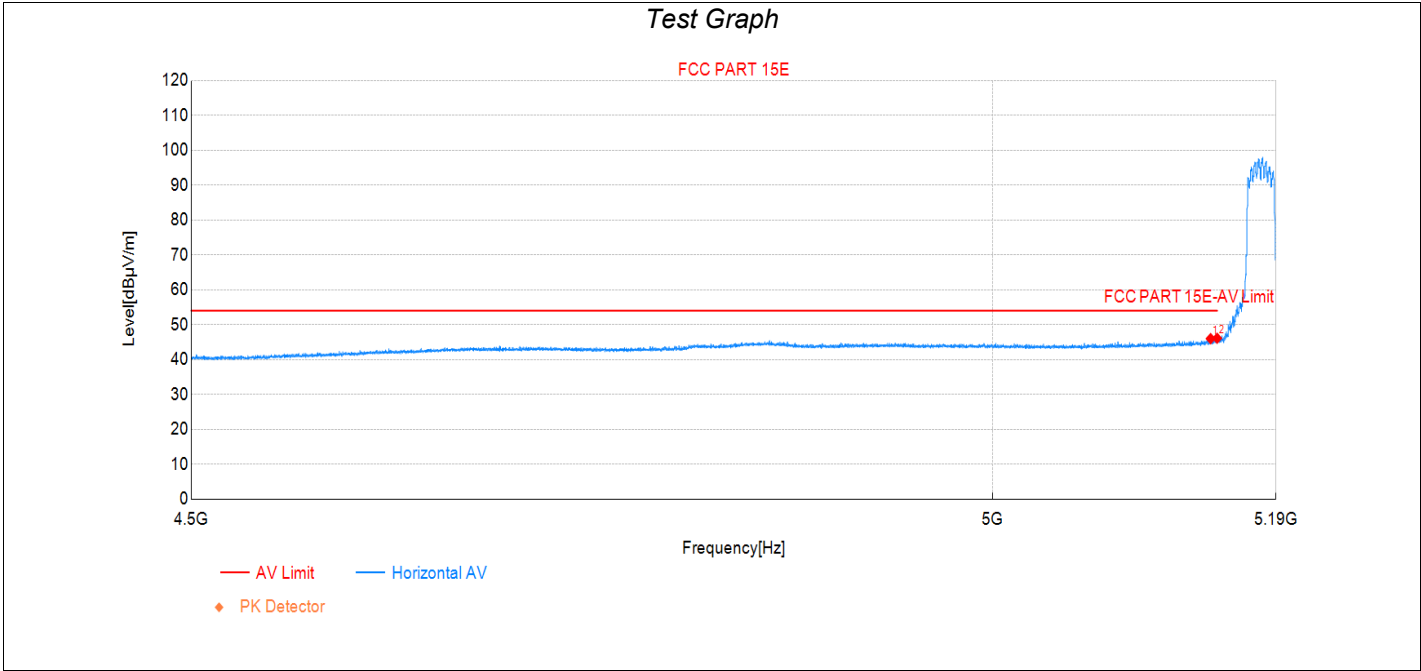
Transmit at 5180MHz by 802.11n(20MHz) with Ant0+1



Data List

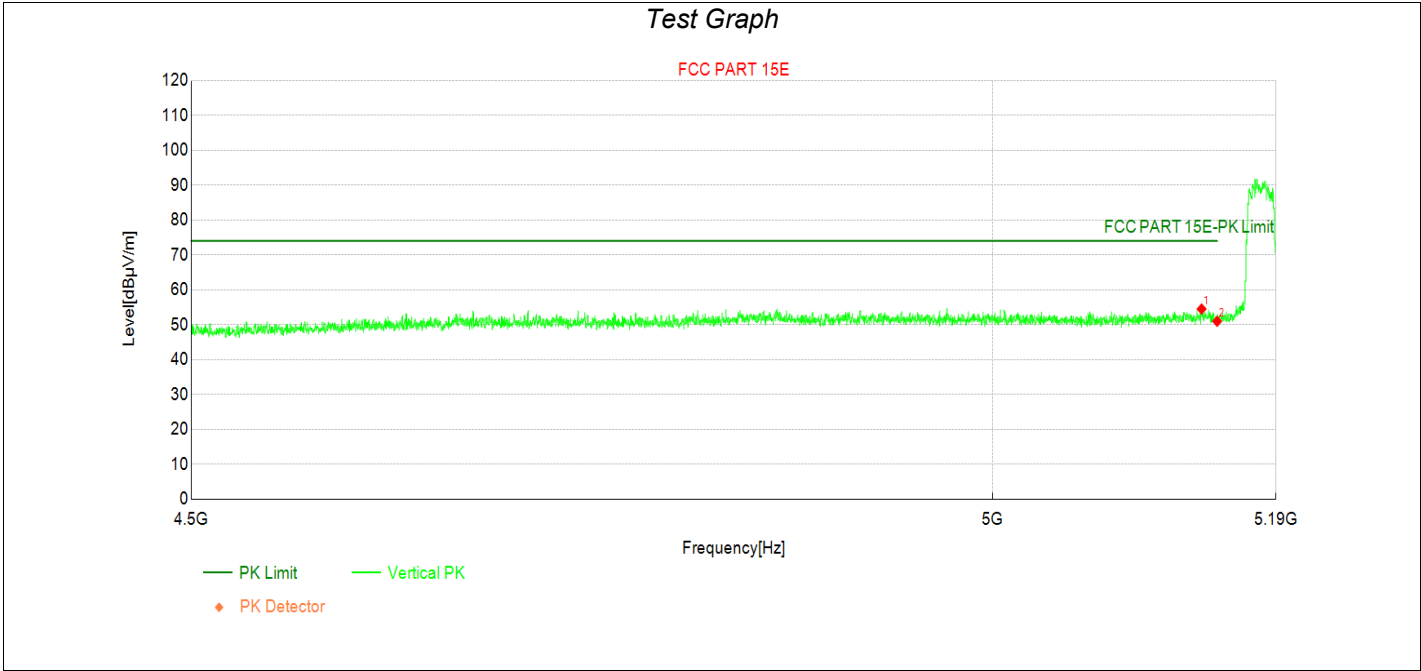
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5083.83	40.55	56.68	16.13	74.00	17.32	PK	Horizo	PASS
2	5150.00	35.75	51.86	16.11	74.00	22.14	PK	Horizo	PASS

Transmit at 5180MHz by 802.11n(20MHz) with Ant0+1



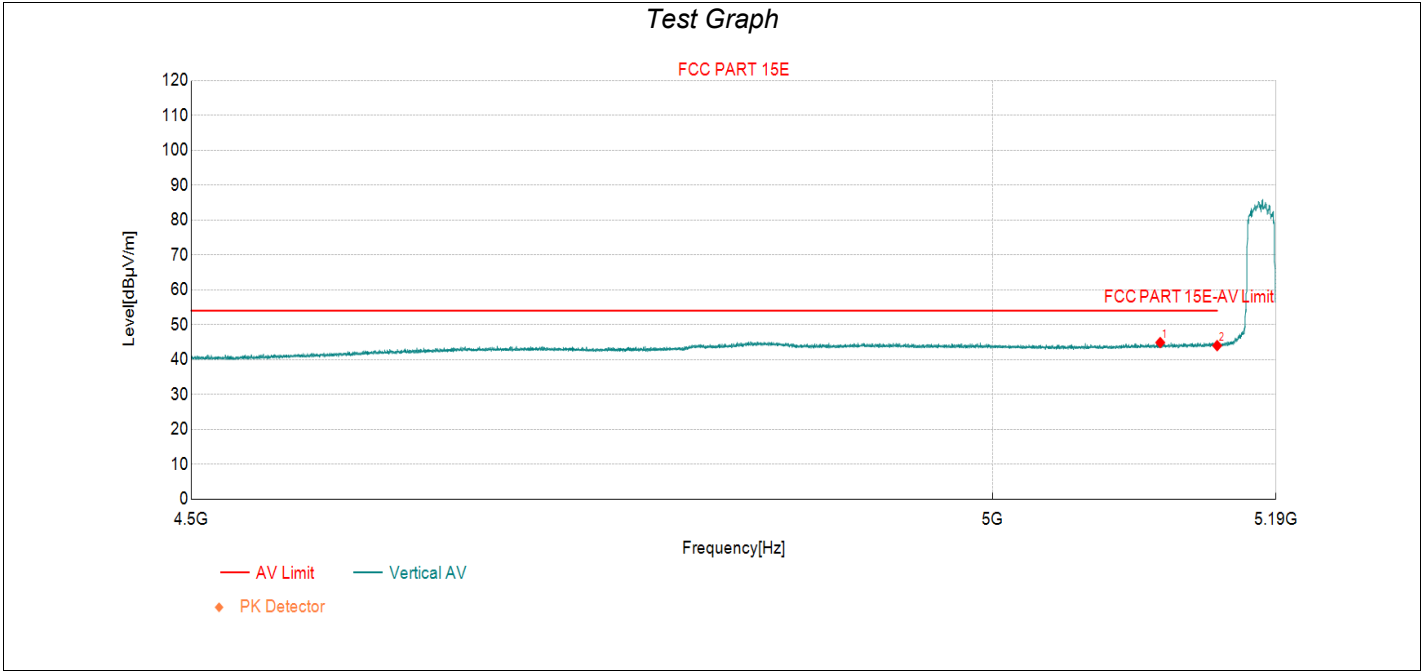
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5145.58	29.87	45.99	16.12	54.00	8.01	AV	Horizo	PASS
2	5150.00	29.99	46.10	16.11	54.00	7.90	AV	Horizo	PASS

Transmit at 5180MHz by 802.11n(20MHz) with Ant0+1



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5139.46	38.35	54.48	16.13	74.00	19.52	PK	Vertic	PASS
2	5150.00	34.86	50.97	16.11	74.00	23.03	PK	Vertic	PASS

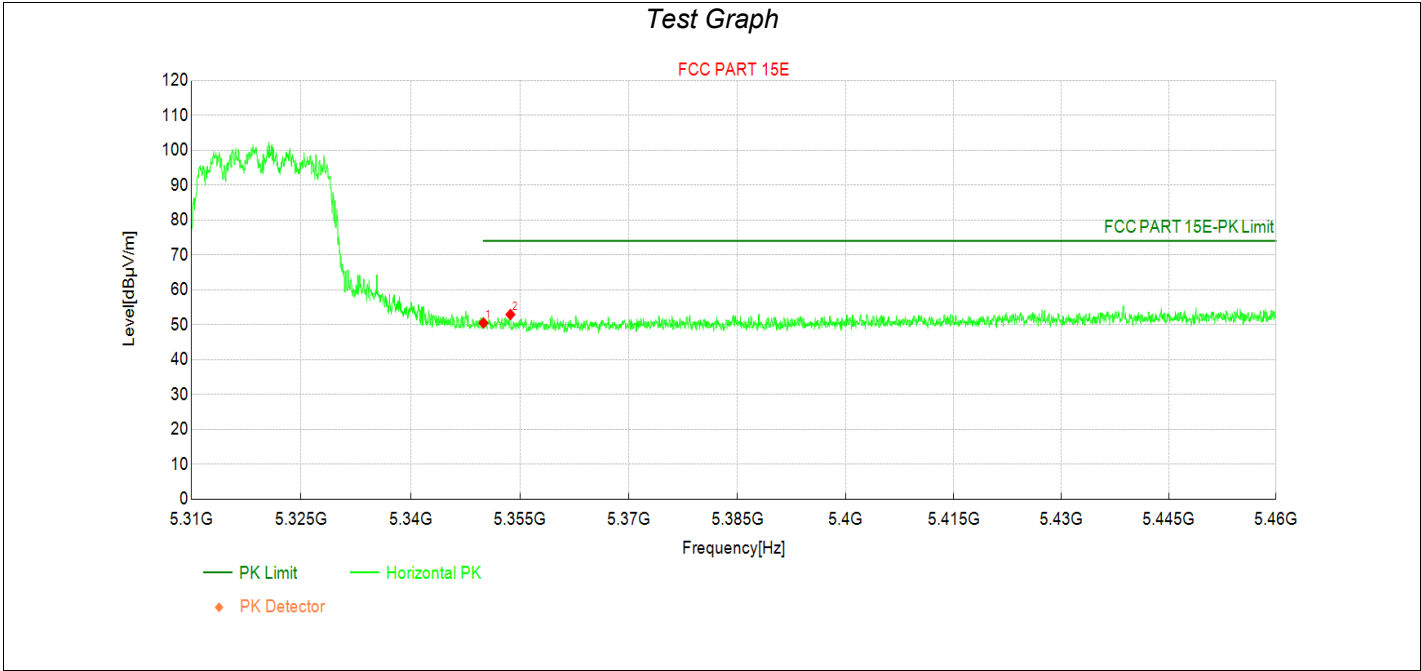
Transmit at 5180MHz by 802.11n(20MHz) with Ant0+1



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5111.60	28.72	44.87	16.15	54.00	9.13	AV	Vertic	PASS
2	5150.00	27.88	43.99	16.11	54.00	10.01	AV	Vertic	PASS

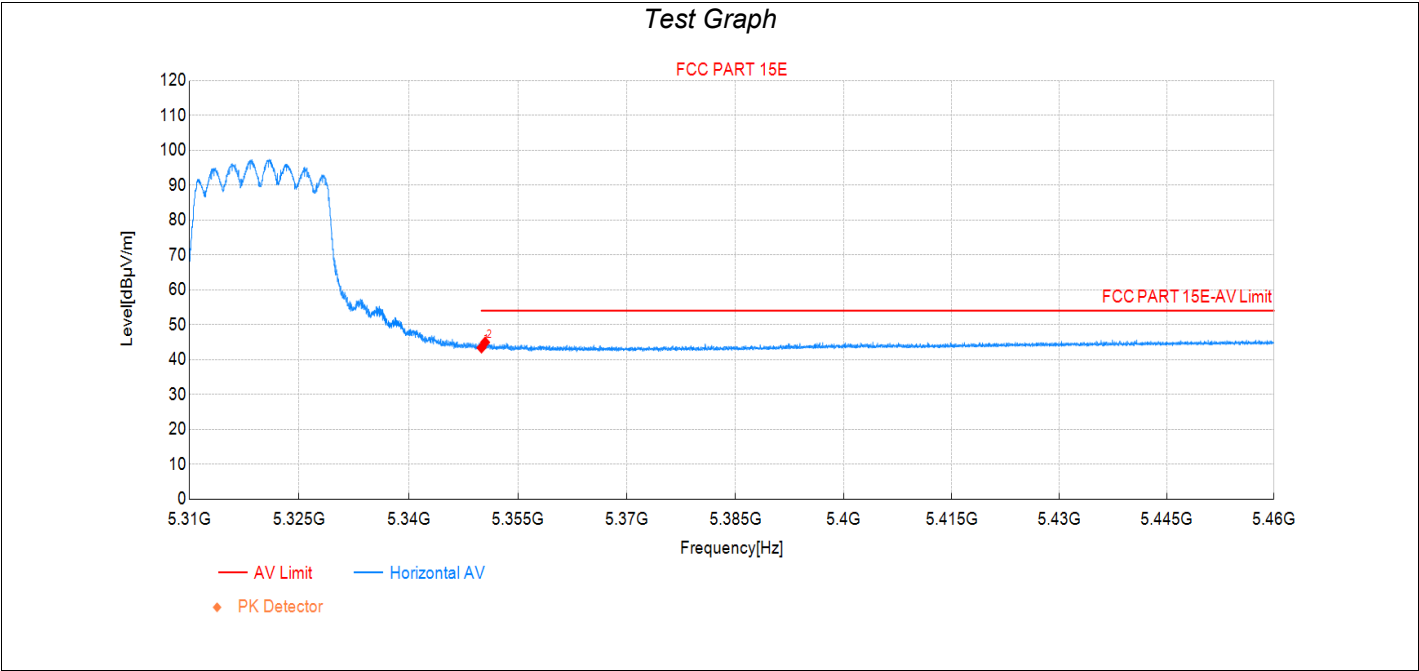
Transmit at 5320MHz by 802.11n(20MHz) with Ant0+1



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	34.03	50.49	16.46	74.00	23.51	PK	Horizo	PASS
2	5353.71	36.44	52.92	16.48	74.00	21.08	PK	Horizo	PASS

Transmit at 5320MHz by 802.11n(20MHz) with Ant0+1



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	5350.00	26.93	43.39	16.46	54.00	10.61	AV	Horizo	PASS
2	5350.50	28.49	44.95	16.46	54.00	9.05	AV	Horizo	PASS