











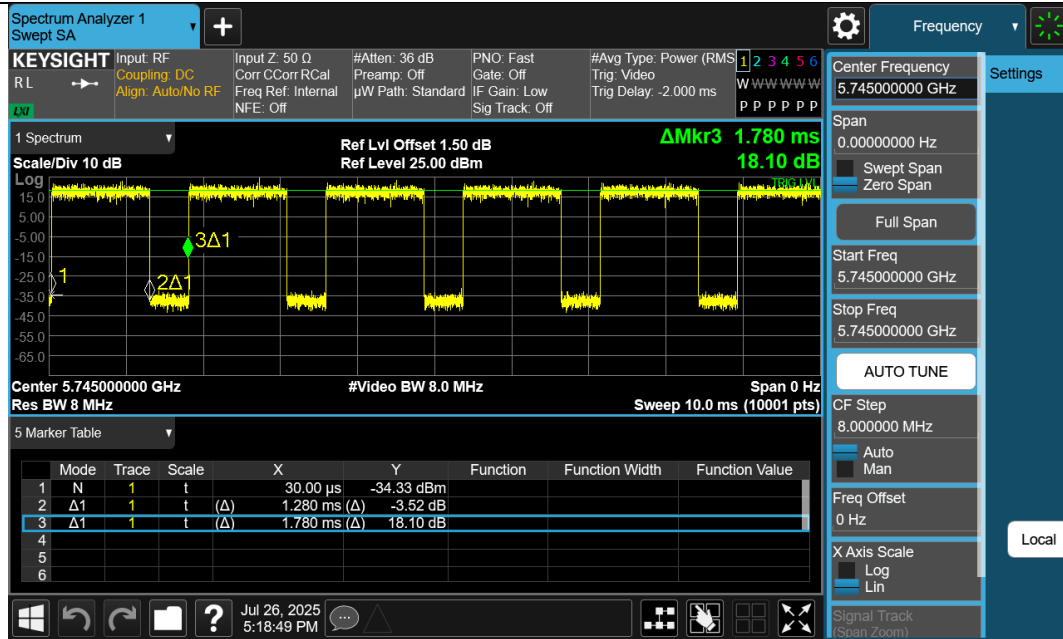




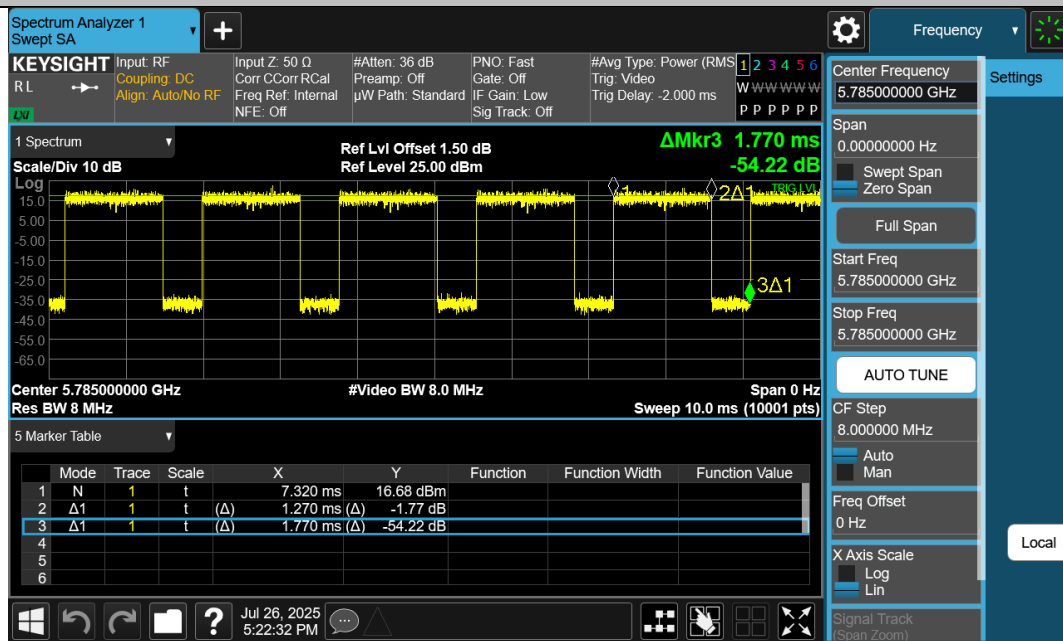








NTNV-11AC20SISO-Ant1-5785



NTNV-11AC20SISO-Ant1-5825

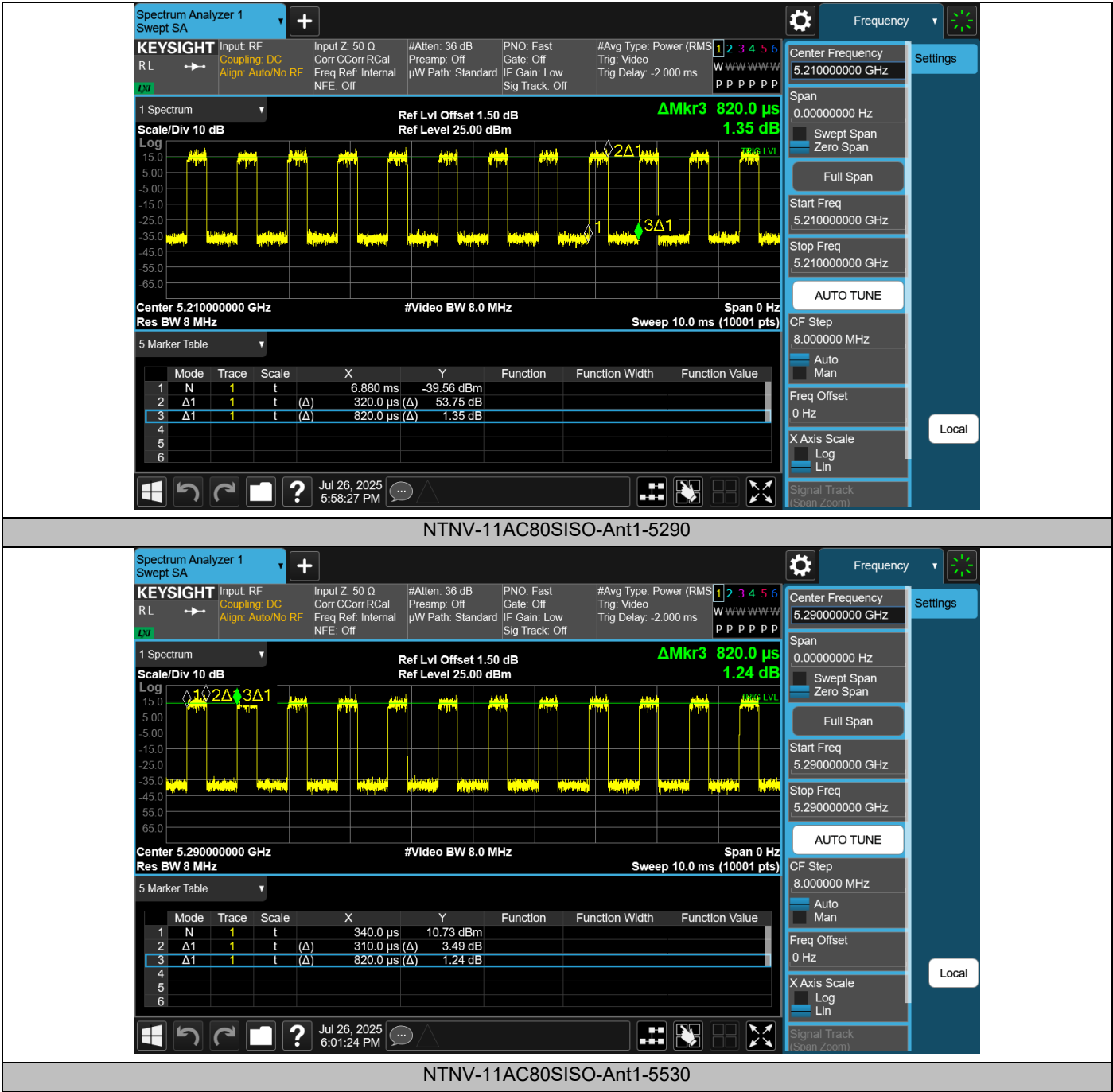




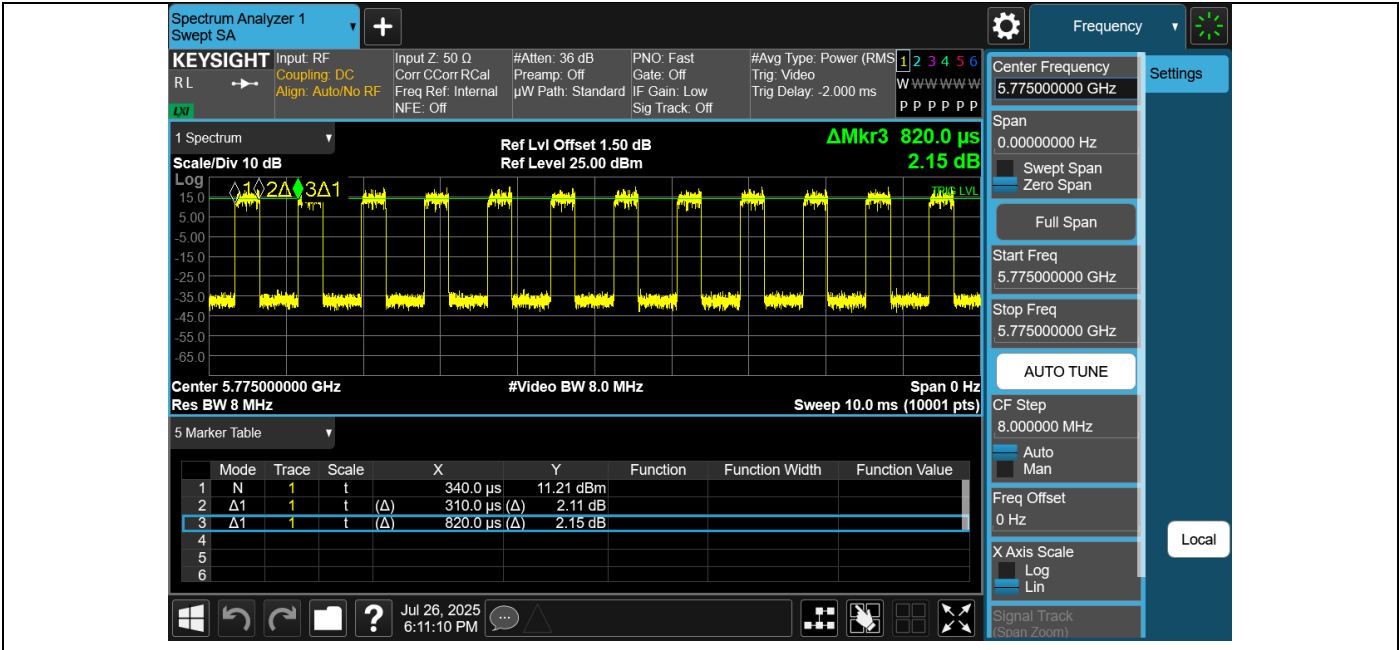












Appendix E: Power Output

SISO:						
Mode	Channel	Frequency (MHz)	Conducted Power(dBm)		Conducted Limit(dBm)	Verdict
			Ant1	Ant2		
802.11a	36	5180	17.32	17.13	23.98	Pass
	44	5220	17.29	16.98	23.98	Pass
	48	5240	17.23	16.88	23.98	Pass
	52	5260	16.81	16.62	23.60	Pass
	60	5300	16.91	16.84	23.60	Pass
	64	5320	16.69	16.50	23.60	Pass
	100	5500	17.52	17.19	23.60	Pass
	116	5580	17.39	17.11	23.60	Pass
	140	5700	17.12	16.56	23.60	Pass
	149	5745	17.09	17.10	30.00	Pass
	157	5785	17.14	16.83	30.00	Pass
	165	5825	17.06	16.81	30.00	Pass
802.11n(20MHz)	36	5180	17.34	17.11	23.98	Pass
	44	5220	17.28	16.81	23.98	Pass
	48	5240	17.17	16.94	23.98	Pass
	52	5260	16.88	16.77	23.60	Pass
	60	5300	16.80	16.50	23.60	Pass
	64	5320	16.61	16.25	23.60	Pass
	100	5500	17.32	17.21	23.60	Pass
	116	5580	17.37	16.91	23.60	Pass
	140	5700	16.95	16.66	23.60	Pass
	149	5745	17.21	17.14	30.00	Pass
	157	5785	16.95	16.73	30.00	Pass
	165	5825	17.11	16.82	30.00	Pass
802.11n(40MHz)	38	5190	15.16	15.61	23.98	Pass
	46	5230	15.32	15.76	23.98	Pass
	54	5270	14.29	14.98	23.60	Pass
	62	5310	14.21	14.69	23.60	Pass
	102	5510	17.43	17.72	23.60	Pass
	118	5550	17.59	18.01	23.60	Pass
	134	5670	16.68	17.26	23.60	Pass
	151	5755	18.30	17.66	30.00	Pass
	159	5795	17.96	17.73	30.00	Pass
802.11ac(20MHz)	36	5180	17.32	16.91	23.98	Pass
	44	5220	17.18	16.83	23.98	Pass
	48	5240	17.24	16.87	23.98	Pass
	52	5260	16.77	16.49	23.60	Pass
	60	5300	16.55	16.37	23.60	Pass
	64	5320	16.82	16.35	23.60	Pass
	100	5500	17.54	17.45	23.60	Pass
	116	5580	17.41	17.28	23.60	Pass
	140	5700	17.26	16.81	23.60	Pass

	149	5745	16.78	16.51	30.00	Pass
	157	5785	17.45	17.45	30.00	Pass
	165	5825	17.48	17.41	30.00	Pass
802.11ac(40MHz)	38	5190	15.12	15.66	23.98	Pass
	46	5230	14.98	15.58	23.98	Pass
	54	5270	14.36	14.93	23.60	Pass
	62	5310	14.23	14.62	23.60	Pass
	102	5510	17.55	17.69	23.60	Pass
	118	5550	17.62	17.92	23.60	Pass
	134	5670	16.56	17.21	23.60	Pass
	151	5755	18.44	18.14	30.00	Pass
802.11ac(80MHz)	159	5795	17.83	18.07	30.00	Pass
	42	5210	12.11	12.48	23.98	Pass
	58	5290	11.38	11.71	23.60	Pass
	106	5530	11.75	11.89	23.60	Pass
	112	5610	11.79	11.86	23.60	Pass
	155	5775	17.72	17.86	30.00	Pass

CDD:							
Mode	Channel	Frequency (MHz)	Conducted Power(dBm)			Limit(dBm)	Verdict
			Ant1	Ant2	Ant1+2		
802.11n(20MHz)	36	5180	17.38	17.05	20.23	23.98	Pass
	44	5220	17.33	16.77	20.07	23.98	Pass
	48	5240	17.10	16.77	19.95	23.98	Pass
	52	5260	17.07	16.75	19.92	23.60	Pass
	60	5300	16.78	16.54	19.67	23.60	Pass
	64	5320	16.63	16.31	19.48	23.60	Pass
	100	5500	17.28	17.07	20.19	23.60	Pass
	116	5580	17.36	16.80	20.10	23.60	Pass
	140	5700	17.03	16.63	19.84	23.60	Pass
	149	5745	17.18	17.13	20.17	30.00	Pass
	157	5785	16.90	16.92	19.92	30.00	Pass
	165	5825	17.29	16.98	20.15	30.00	Pass
802.11n(40MHz)	38	5190	15.06	15.78	18.45	23.98	Pass
	46	5230	15.38	15.91	18.66	23.98	Pass
	54	5270	14.40	14.96	17.70	23.60	Pass
	62	5310	14.25	14.69	17.49	23.60	Pass
	102	5510	17.40	17.75	20.59	23.60	Pass
	118	5550	17.67	18.05	20.87	23.60	Pass
	134	5670	16.64	17.34	20.01	23.60	Pass
	151	5755	18.29	17.86	21.09	30.00	Pass
	159	5795	17.98	17.72	20.86	30.00	Pass
802.11ac(20MHz)	36	5180	17.34	16.93	20.15	23.98	Pass
	44	5220	16.98	16.76	19.88	23.98	Pass
	48	5240	17.21	16.94	20.09	23.98	Pass
	52	5260	16.89	16.59	19.75	23.60	Pass
	60	5300	16.67	16.38	19.54	23.60	Pass
	64	5320	16.91	16.37	19.66	23.60	Pass
	100	5500	17.39	17.49	20.45	23.60	Pass
	116	5580	17.37	17.09	20.24	23.60	Pass
	140	5700	17.35	16.69	20.04	23.60	Pass
	149	5745	17.83	17.72	20.79	30.00	Pass
	157	5785	17.46	17.58	20.53	30.00	Pass
	165	5825	17.51	17.42	20.48	30.00	Pass
802.11ac(40MHz)	38	5190	15.15	15.81	18.50	23.98	Pass
	46	5230	14.92	15.78	18.38	23.98	Pass
	54	5270	14.34	14.85	17.61	23.60	Pass
	62	5310	14.13	14.55	17.36	23.60	Pass
	102	5510	17.72	17.81	20.78	23.60	Pass
	118	5550	17.79	17.89	20.85	23.60	Pass
	134	5670	16.53	17.30	19.94	23.60	Pass
	151	5755	18.61	18.24	21.44	30.00	Pass
	159	5795	17.90	18.09	21.01	30.00	Pass
802.11ac(80MHz)	42	5210	12.29	12.40	15.36	23.98	Pass
	58	5290	11.38	11.65	14.53	23.60	Pass



	106	5530	11.88	11.84	14.87	23.60	Pass
	112	5610	11.88	11.76	14.83	23.60	Pass
	155	5775	17.70	17.84	20.78	30.00	Pass

Appendix F: Maximum Power Spectral Density

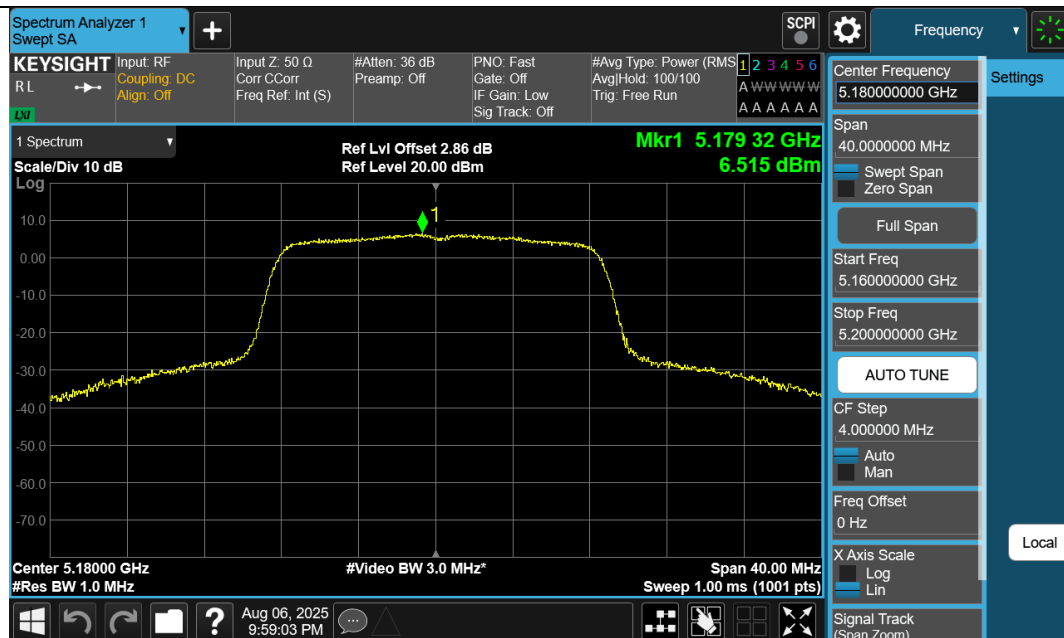
TestMode	Antenna	Frequency [MHz]	SISO Result [dBm/MHz]	CDD Result [dBm/MHz]	Conducted Limit[dBm/MHz]	Verdict
11A	Ant1	5180	6.52	N/A	≤11.00	PASS
11A	Ant1	5200	6.68	N/A	≤11.00	PASS
11A	Ant1	5240	6.16	N/A	≤11.00	PASS
11A	Ant1	5260	6.58	N/A	≤11.00	PASS
11A	Ant1	5280	6.00	N/A	≤11.00	PASS
11A	Ant1	5320	5.62	N/A	≤11.00	PASS
11A	Ant1	5500	6.05	N/A	≤11.00	PASS
11A	Ant1	5580	6.35	N/A	≤11.00	PASS
11A	Ant1	5700	6.11	N/A	≤11.00	PASS
11A	Ant1	5745	5.03	N/A	≤30.00	PASS
11A	Ant1	5785	4.34	N/A	≤30.00	PASS
11A	Ant1	5825	4.04	N/A	≤30.00	PASS
11N20SISO	Ant1	5180	6.76	9.77	≤11.00	PASS
11N20SISO	Ant1	5200	6.05	9.06	≤11.00	PASS
11N20SISO	Ant1	5240	6.19	9.20	≤11.00	PASS
11N20SISO	Ant1	5260	6.17	9.18	≤11.00	PASS
11N20SISO	Ant1	5280	5.77	8.78	≤11.00	PASS
11N20SISO	Ant1	5320	5.80	8.81	≤11.00	PASS
11N20SISO	Ant1	5500	6.48	9.49	≤11.00	PASS
11N20SISO	Ant1	5580	6.39	9.40	≤11.00	PASS
11N20SISO	Ant1	5700	5.99	9.00	≤11.00	PASS
11N20SISO	Ant1	5745	5.09	8.10	≤30.00	PASS
11N20SISO	Ant1	5785	3.85	6.86	≤30.00	PASS
11N20SISO	Ant1	5825	3.79	6.80	≤30.00	PASS
11AC20SISO	Ant1	5180	6.52	9.53	≤11.00	PASS
11AC20SISO	Ant1	5200	6.17	9.18	≤11.00	PASS
11AC20SISO	Ant1	5240	6.13	9.14	≤11.00	PASS
11AC20SISO	Ant1	5260	6.61	9.62	≤11.00	PASS
11AC20SISO	Ant1	5280	5.18	8.19	≤11.00	PASS
11AC20SISO	Ant1	5320	5.22	8.23	≤11.00	PASS
11AC20SISO	Ant1	5500	6.44	9.45	≤11.00	PASS
11AC20SISO	Ant1	5580	6.04	9.05	≤11.00	PASS
11AC20SISO	Ant1	5700	6.07	9.08	≤11.00	PASS
11AC20SISO	Ant1	5745	4.85	7.86	≤30.00	PASS
11AC20SISO	Ant1	5785	4.50	7.51	≤30.00	PASS
11AC20SISO	Ant1	5825	3.91	6.92	≤30.00	PASS
11N40SISO	Ant1	5190	1.40	4.41	≤11.00	PASS
11N40SISO	Ant1	5230	1.51	4.52	≤11.00	PASS
11N40SISO	Ant1	5270	0.78	3.79	≤11.00	PASS
11N40SISO	Ant1	5310	0.61	3.62	≤11.00	PASS
11N40SISO	Ant1	5510	5.13	8.14	≤11.00	PASS
11N40SISO	Ant1	5550	5.55	8.56	≤11.00	PASS
11N40SISO	Ant1	5670	4.46	7.47	≤11.00	PASS
11N40SISO	Ant1	5755	2.64	5.65	≤30.00	PASS
11N40SISO	Ant1	5795	1.92	4.93	≤30.00	PASS

11AC40SISO	Ant1	5190	0.71	3.72	≤11.00	PASS
11AC40SISO	Ant1	5230	1.56	4.57	≤11.00	PASS
11AC40SISO	Ant1	5270	0.93	3.94	≤11.00	PASS
11AC40SISO	Ant1	5310	0.84	3.85	≤11.00	PASS
11AC40SISO	Ant1	5510	5.98	8.99	≤11.00	PASS
11AC40SISO	Ant1	5550	5.98	8.99	≤11.00	PASS
11AC40SISO	Ant1	5670	4.24	7.25	≤11.00	PASS
11AC40SISO	Ant1	5755	1.98	4.99	≤30.00	PASS
11AC40SISO	Ant1	5795	2.09	5.1	≤30.00	PASS
11AC80SISO	Ant1	5210	-3.52	-0.51	≤11.00	PASS
11AC80SISO	Ant1	5290	-3.48	-0.47	≤11.00	PASS
11AC80SISO	Ant1	5530	-2.71	0.3	≤11.00	PASS
11AC80SISO	Ant1	5610	-2.72	0.29	≤11.00	PASS
11AC80SISO	Ant1	5775	0.05	3.06	≤30.00	PASS

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

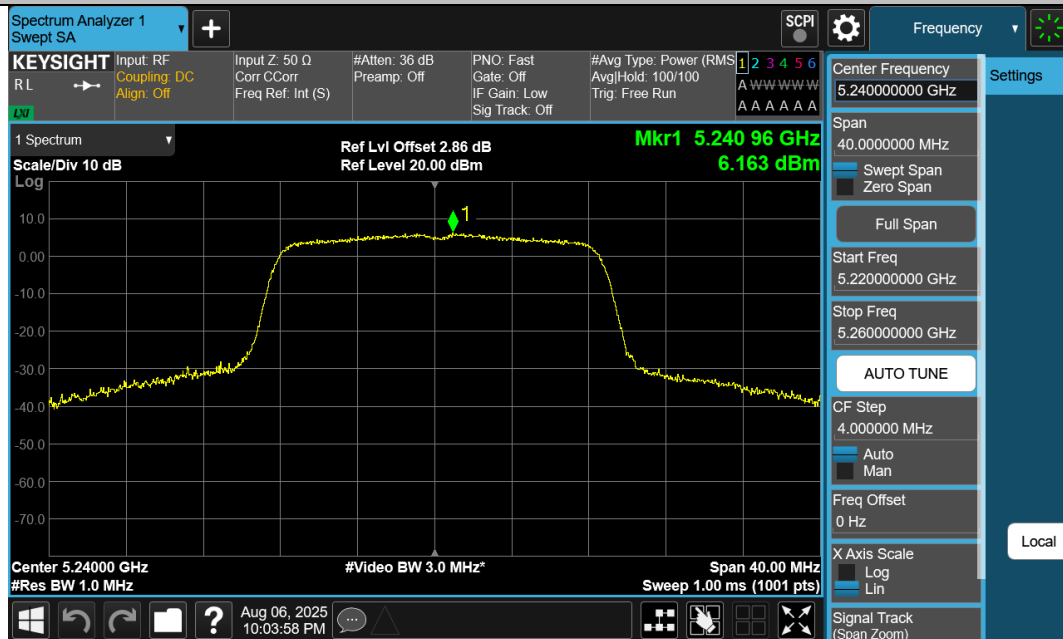
3. CDD PSD = SISO PSD + 10*Log(N), N = Antenna number.



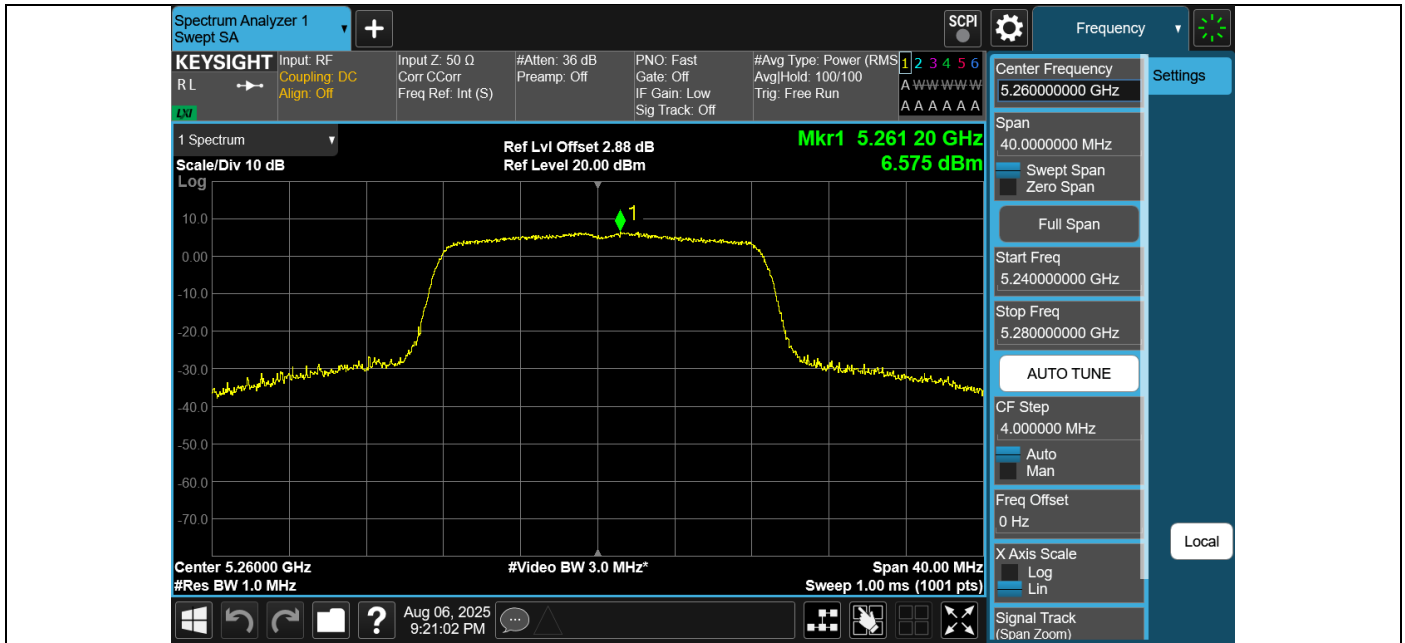
11A-Ant1-5180-PASS



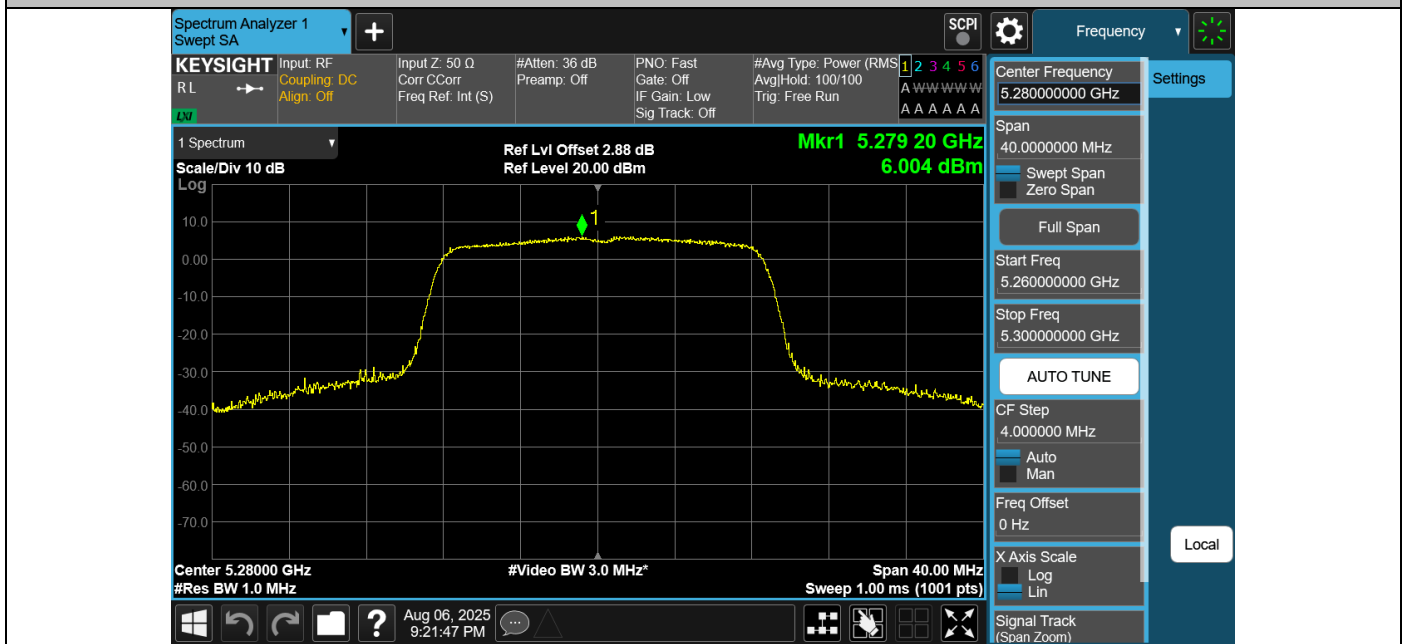
11A-Ant1-5200-PASS



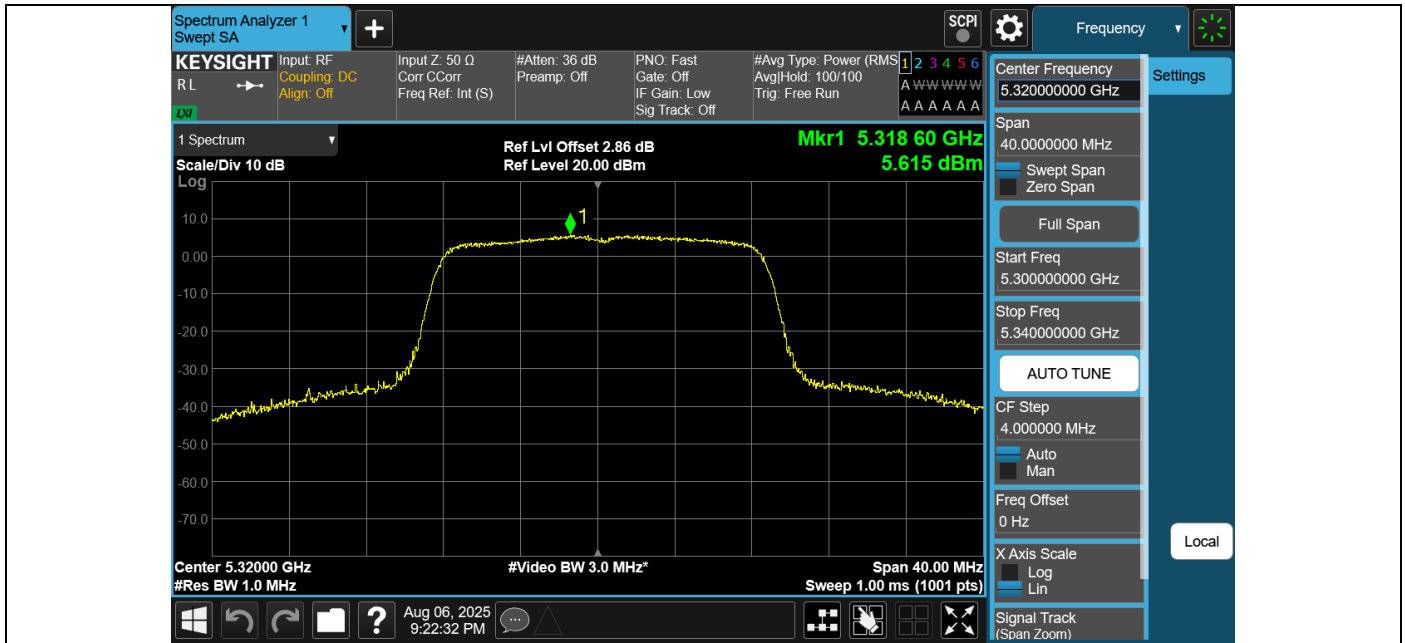
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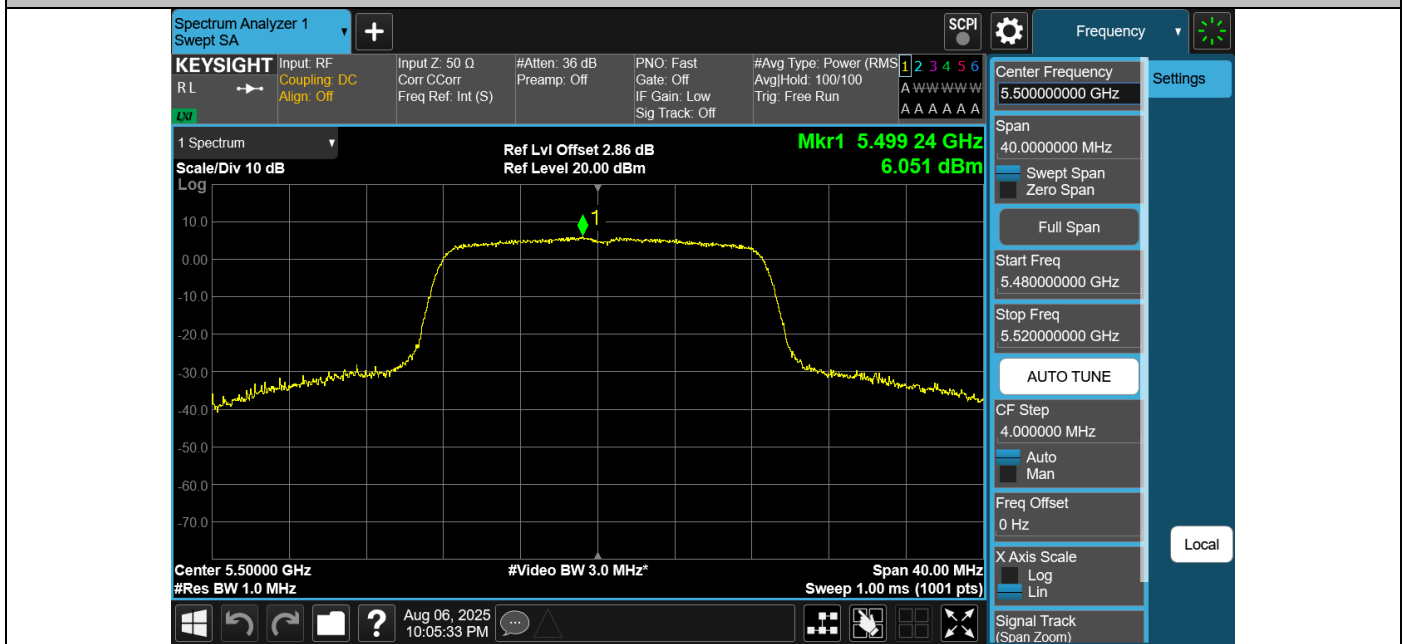
11A-Ant1-5260-PASS



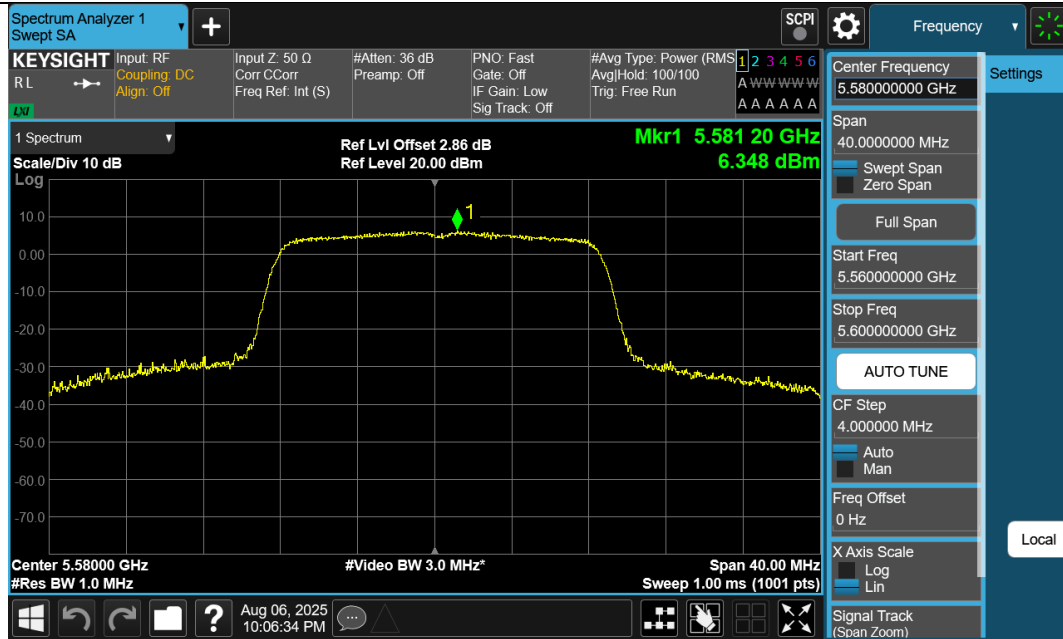
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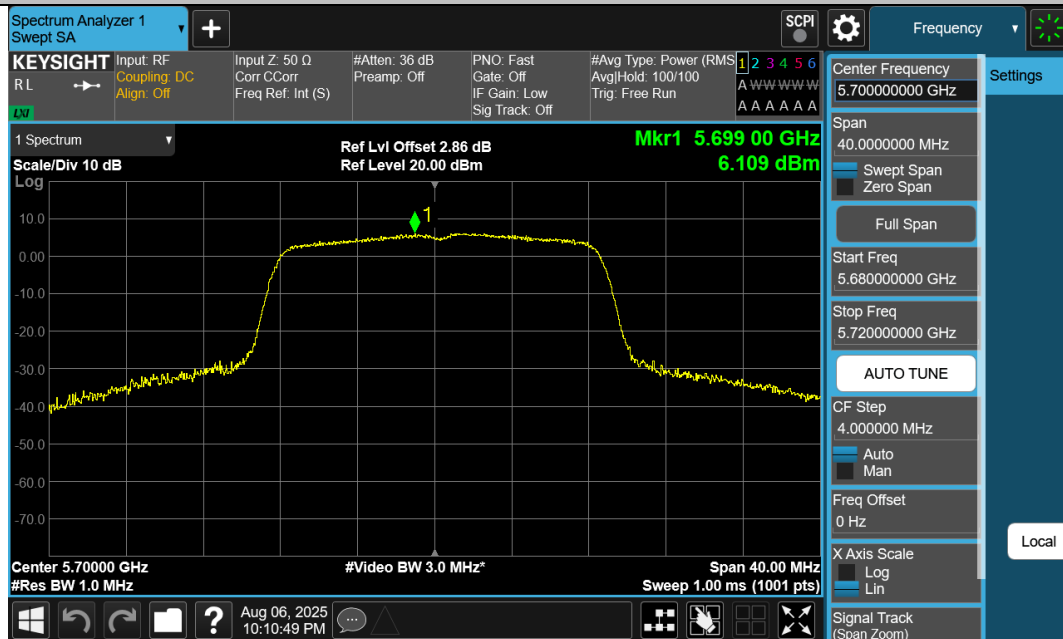
11A-Ant1-5320-PASS



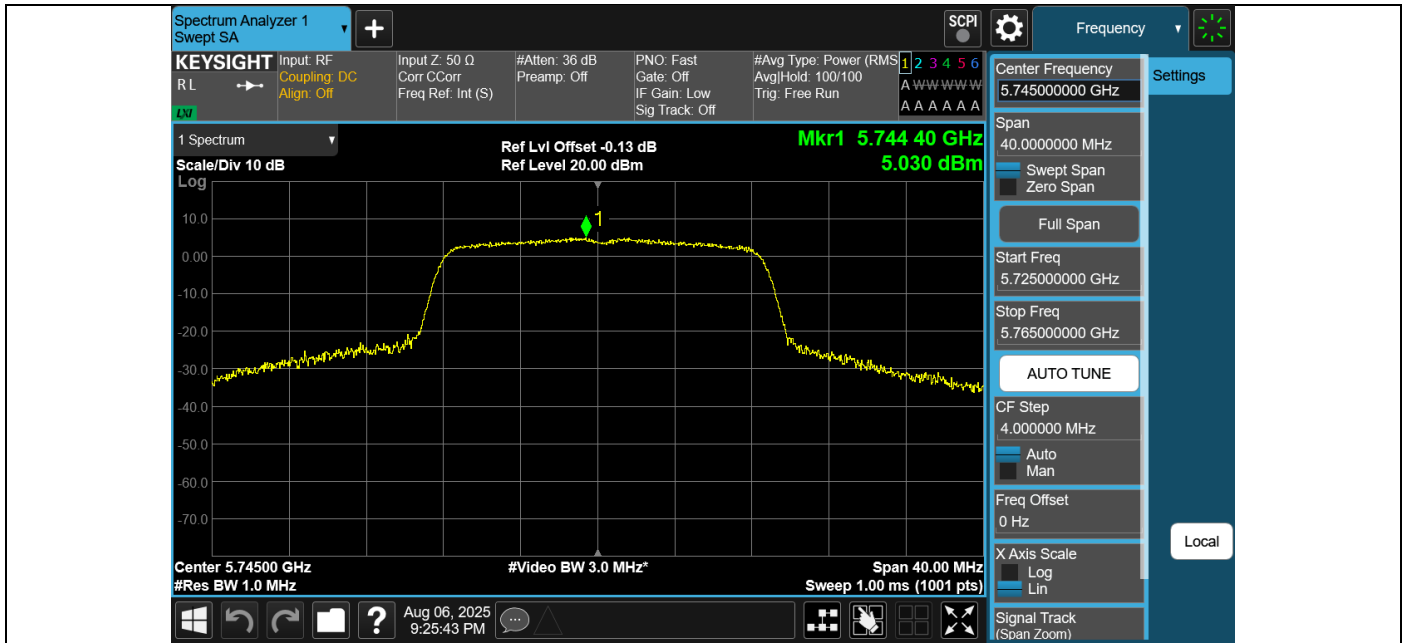
11A-Ant1-5500-PASS



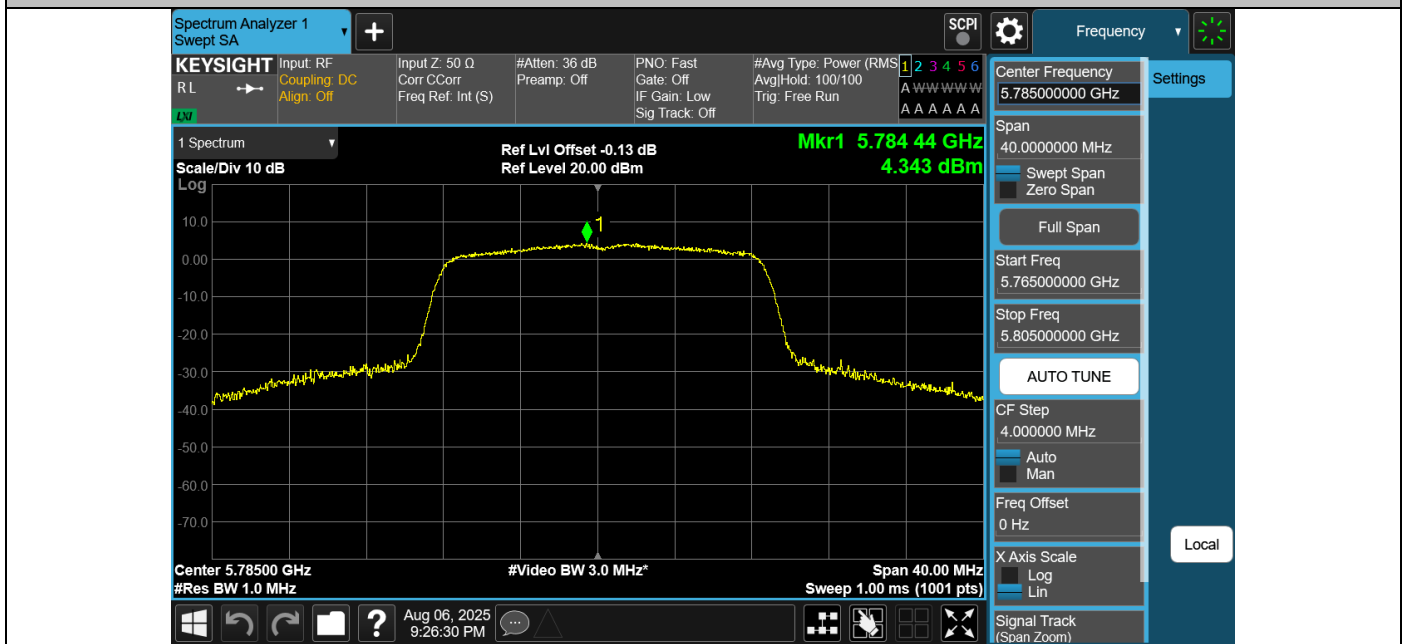
11A-Ant1-5580-PASS



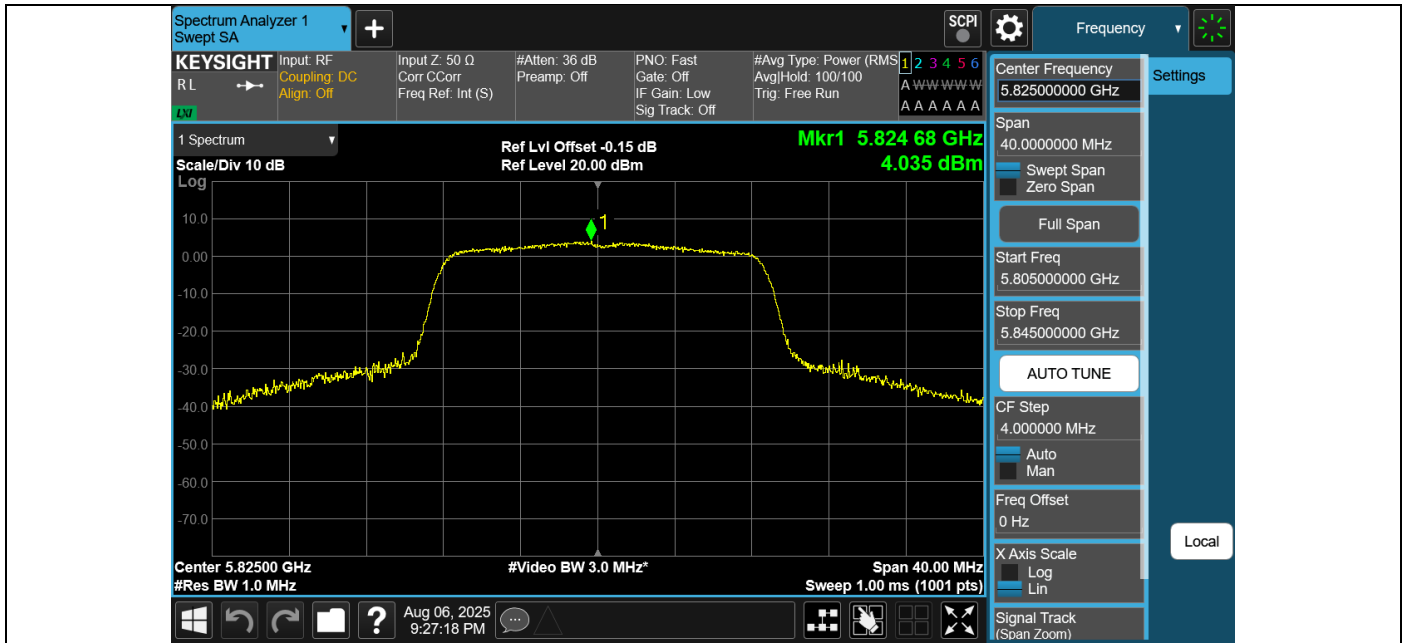
11A-Ant1-5700-PASS



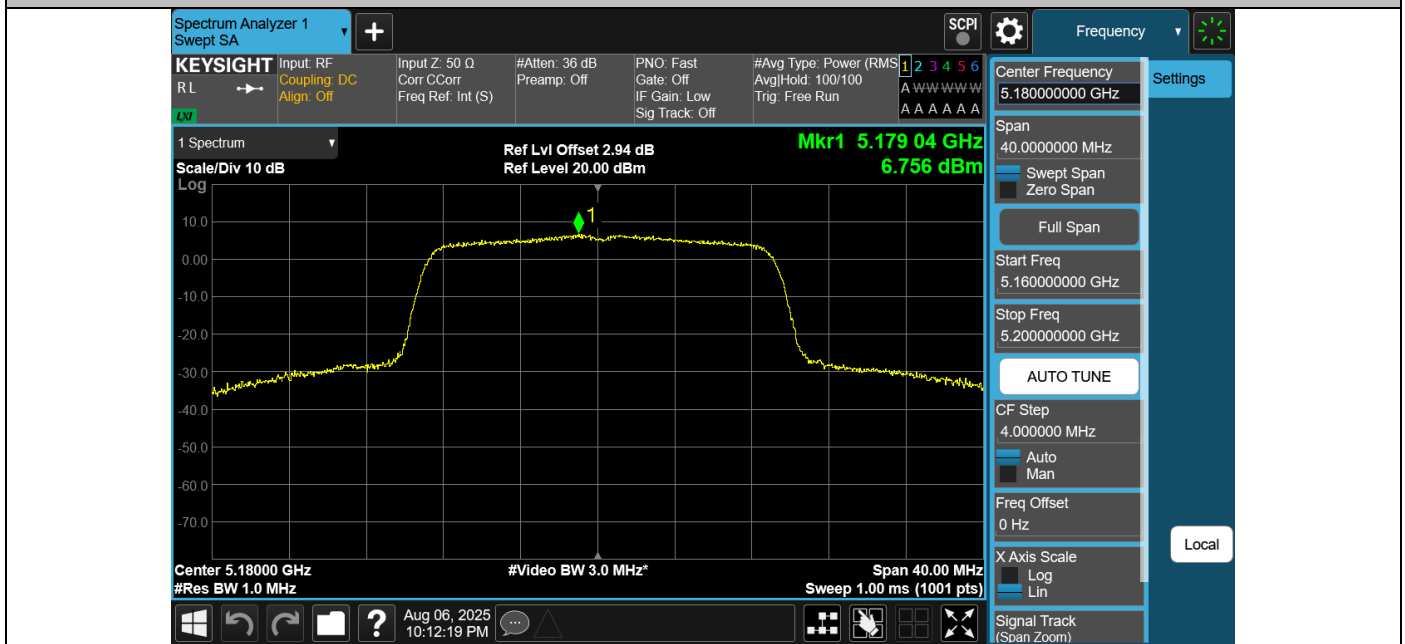
11A-Ant1-5745-PASS



11A-Ant1-5785-PASS



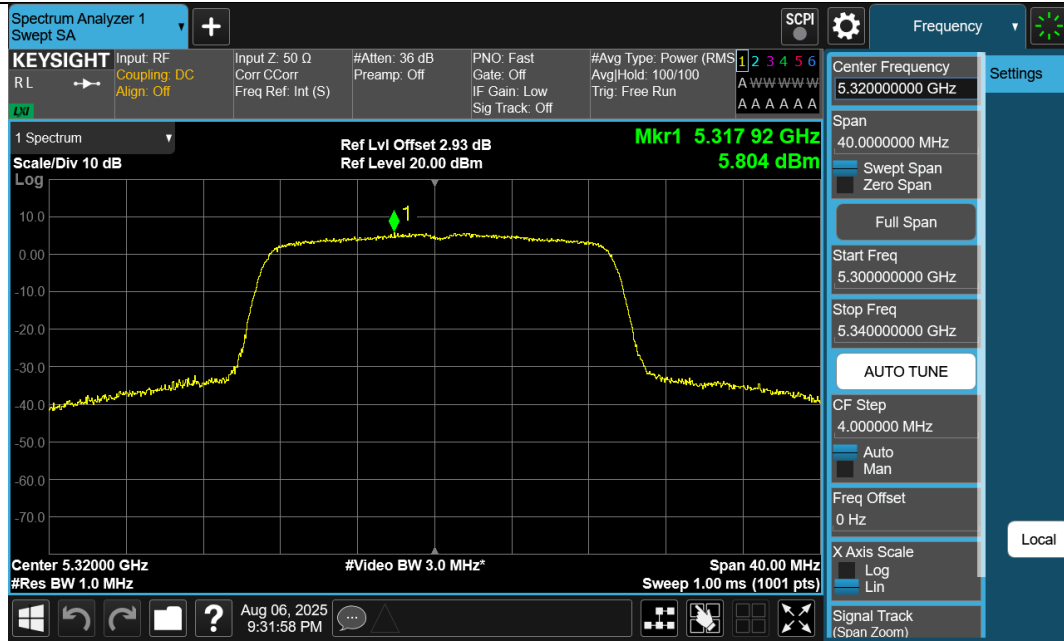
11A-Ant1-5825-PASS



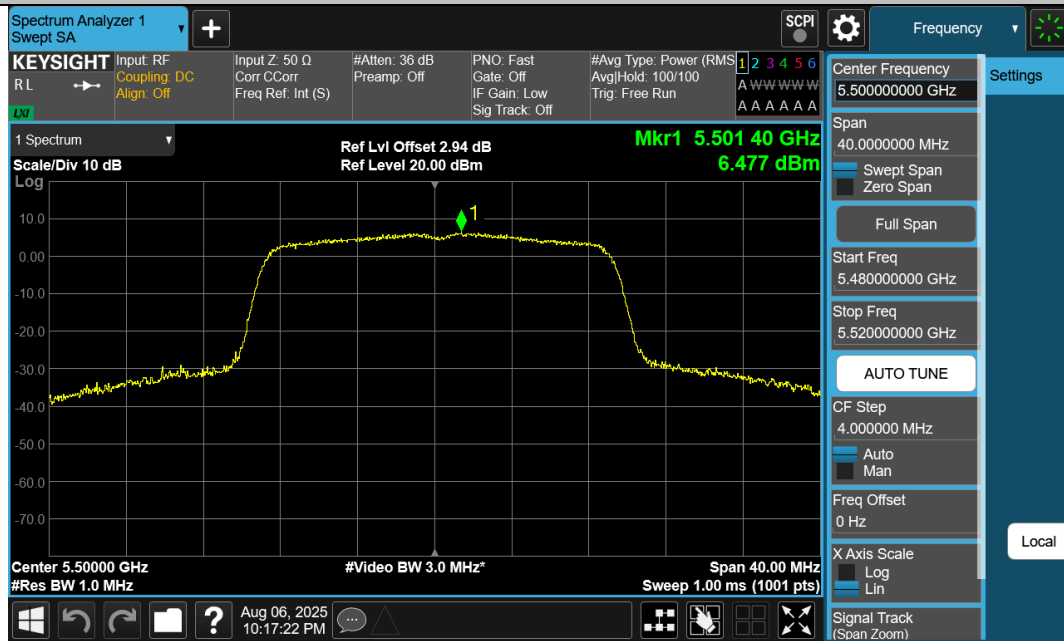
11N20SISO-Ant1-5180-PASS







11N20SISO-Ant1-5320-PASS



11N20SISO-Ant1-5500-PASS