

Appendix A3: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
802.11a	Ant1	5745	11.16 0	5739.72 0	5750.88 0	0.5	PASS
802.11a	Ant1	5785	15.08 0	5777.48 0	5792.56 0	0.5	PASS
802.11a	Ant1	5825	14.84 0	5817.72 0	5832.56 0	0.5	PASS
802.11n(HT20) SISO	Ant1	5745	14.68 0	5737.48 0	5752.16 0	0.5	PASS
802.11n(HT20) SISO	Ant1	5785	13.44 0	5779.04 0	5792.48 0	0.5	PASS
802.11n(HT20) SISO	Ant1	5825	16.28 0	5816.84 0	5833.12 0	0.5	PASS



Test Graphs B4



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Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
802.11a	Ant1	5180	2.02	2.53	79.84	0.98	0.50
802.11a	Ant1	5220	2.02	2.53	79.84	0.98	0.50
802.11a	Ant1	5240	2.02	2.53	79.84	0.98	0.50
802.11a	Ant1	5260	2.03	2.53	80.24	0.96	0.49
802.11a	Ant1	5300	2.03	2.53	80.24	0.96	0.49
802.11a	Ant1	5320	2.02	2.53	79.84	0.98	0.50
802.11a	Ant1	5500	2.02	2.52	80.16	0.96	0.50
802.11a	Ant1	5580	2.02	2.52	80.16	0.96	0.50
802.11a	Ant1	5700	2.02	2.52	80.16	0.96	0.50
802.11a	Ant1	5745	2.02	2.53	79.84	0.98	0.50
802.11a	Ant1	5785	2.03	2.53	80.24	0.96	0.49
802.11a	Ant1	5825	2.02	2.52	80.16	0.96	0.50
802.11n(HT20)SISO	Ant1	5180	1.89	2.40	78.75	1.04	0.53
802.11n(HT20)SISO	Ant1	5220	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5240	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5260	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5300	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5320	1.88	2.39	78.66	1.04	0.53
802.11n(HT20)SISO	Ant1	5500	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5580	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5700	1.88	2.39	78.66	1.04	0.53
802.11n(HT20)SISO	Ant1	5745	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5785	1.89	2.39	79.08	1.02	0.53
802.11n(HT20)SISO	Ant1	5825	1.89	2.39	79.08	1.02	0.53



Test Graphs

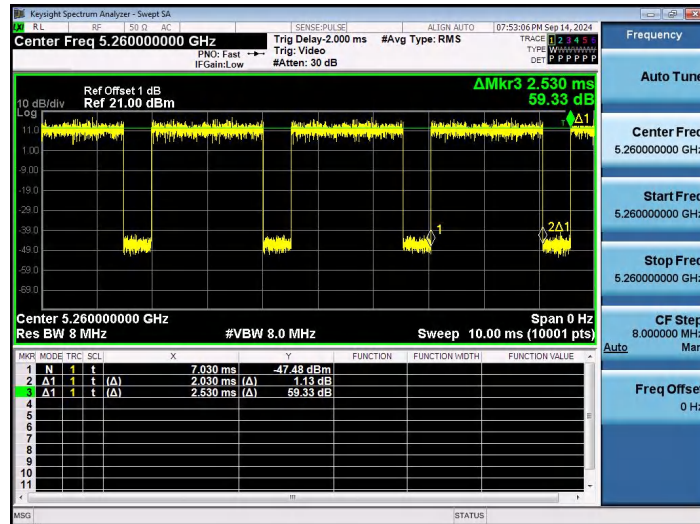


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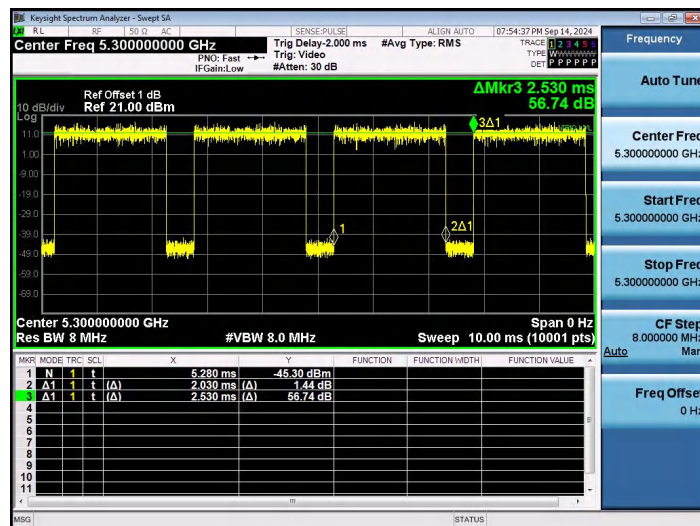
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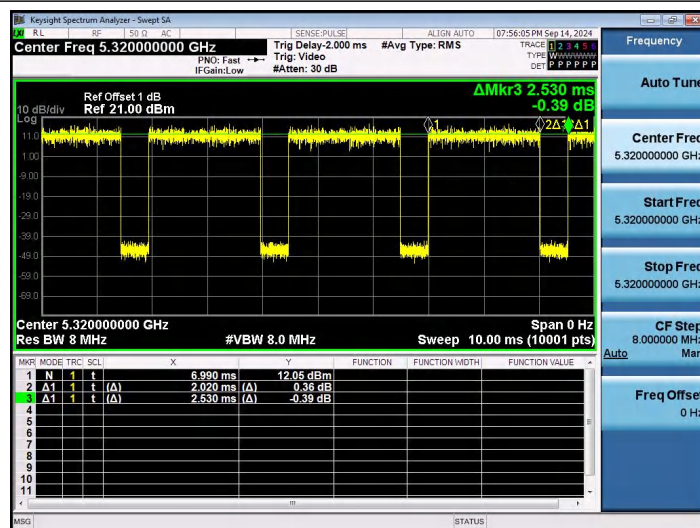




NTNV-802.11a-Ant1-5260

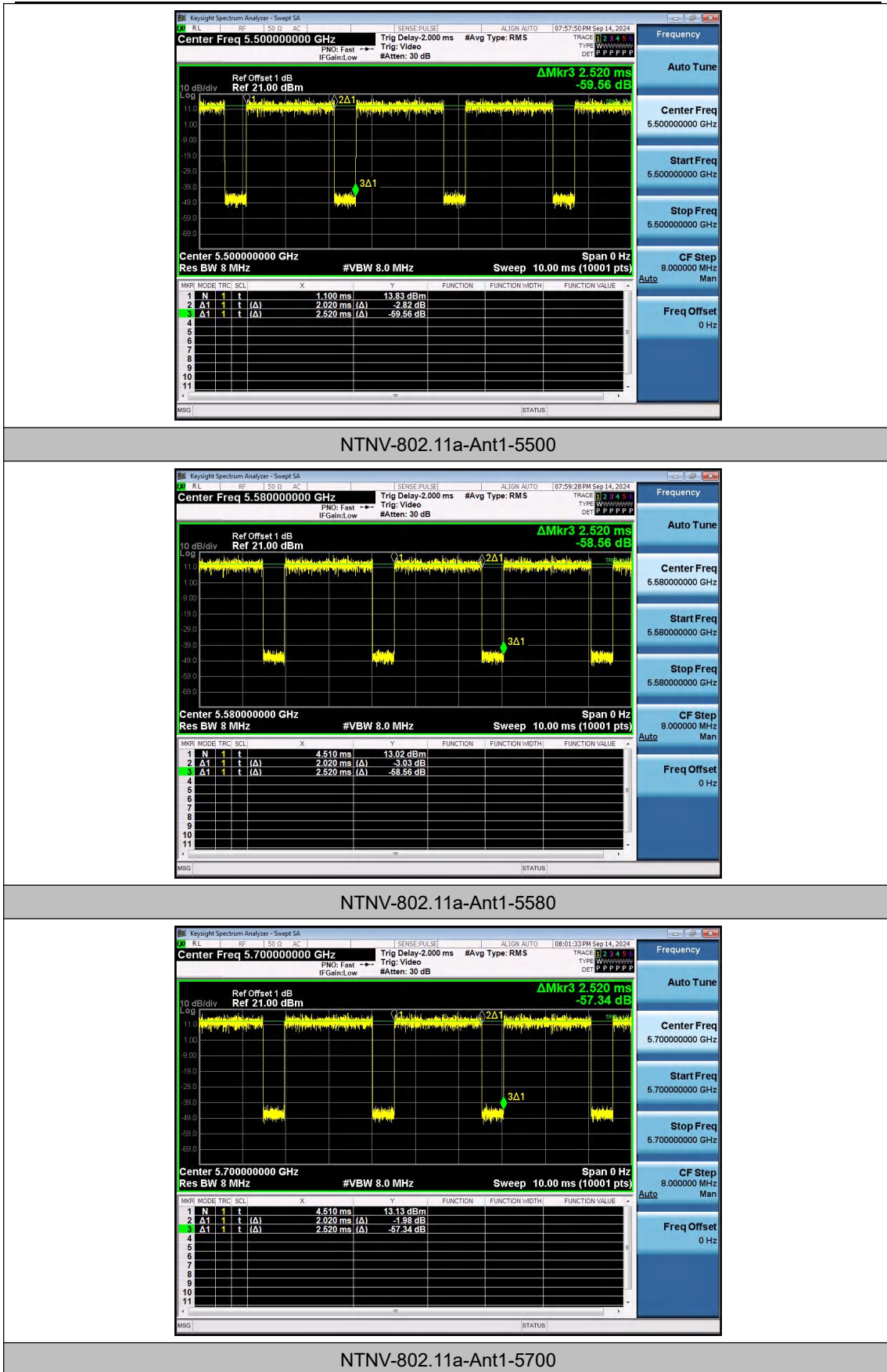


NTNV-802.11a-Ant1-5300



NTNV-802.11a-Ant1-5320



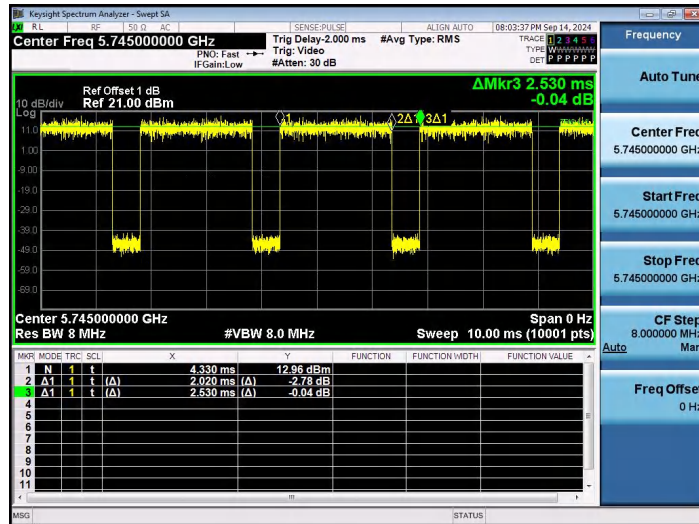


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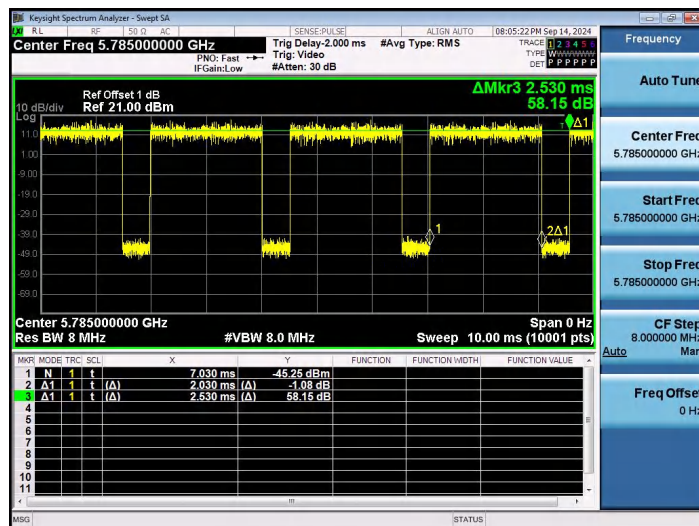
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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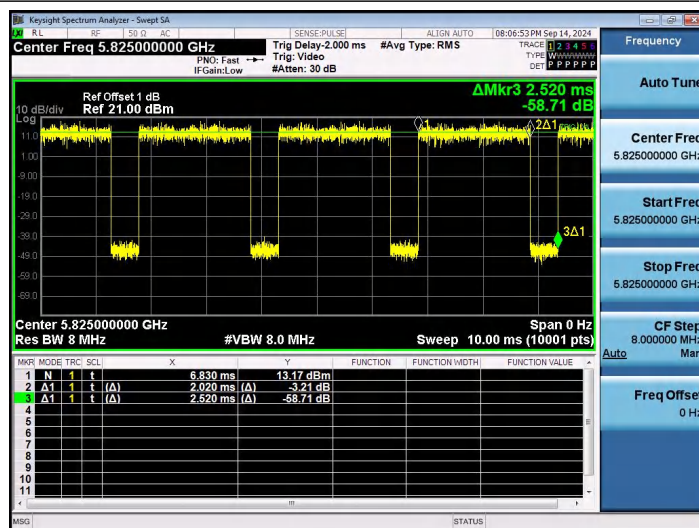




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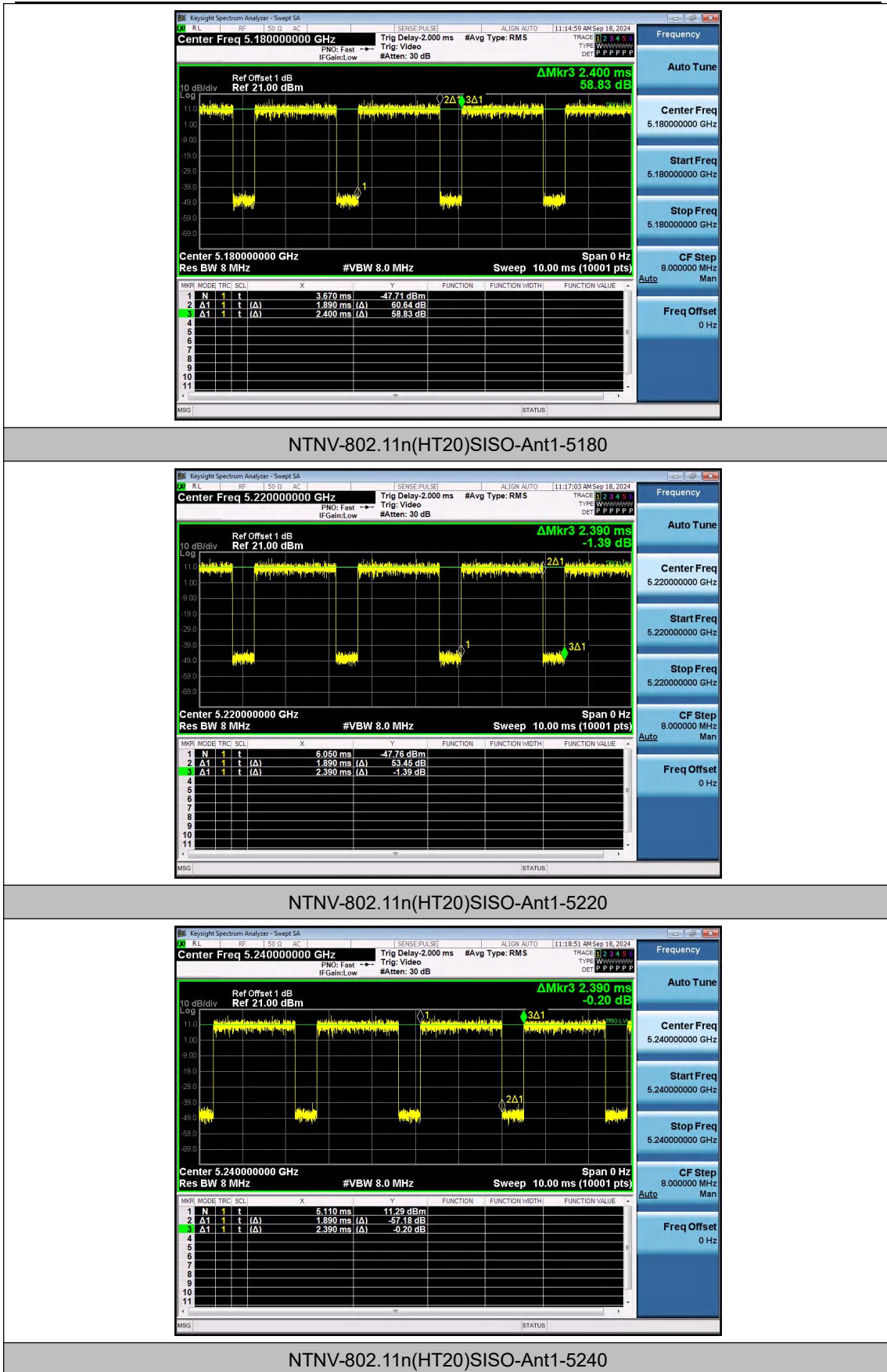


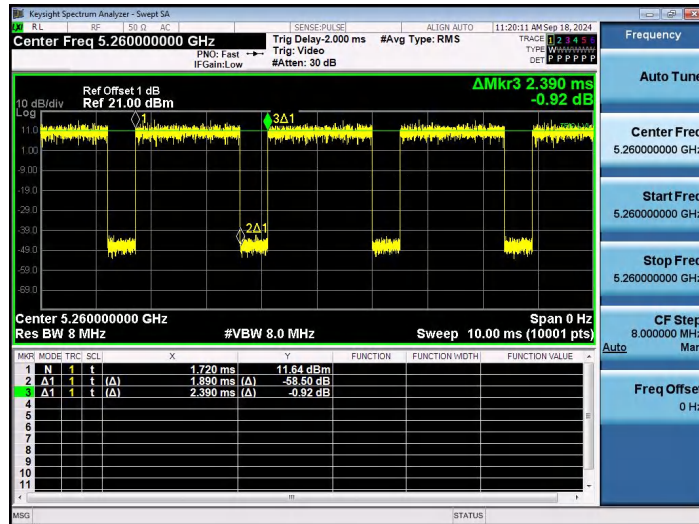
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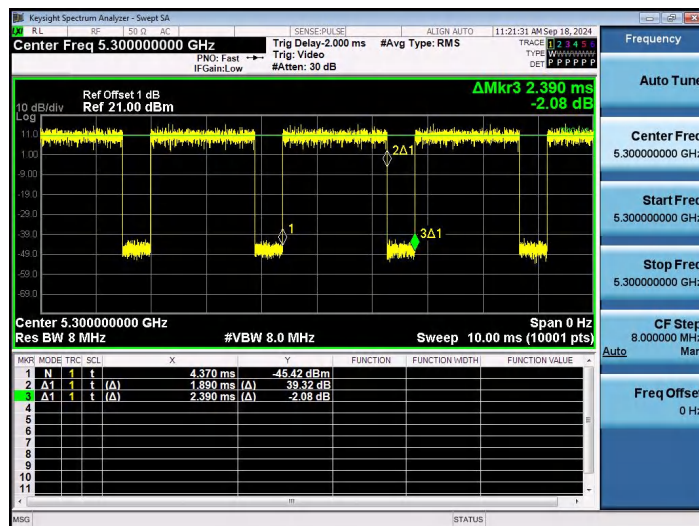
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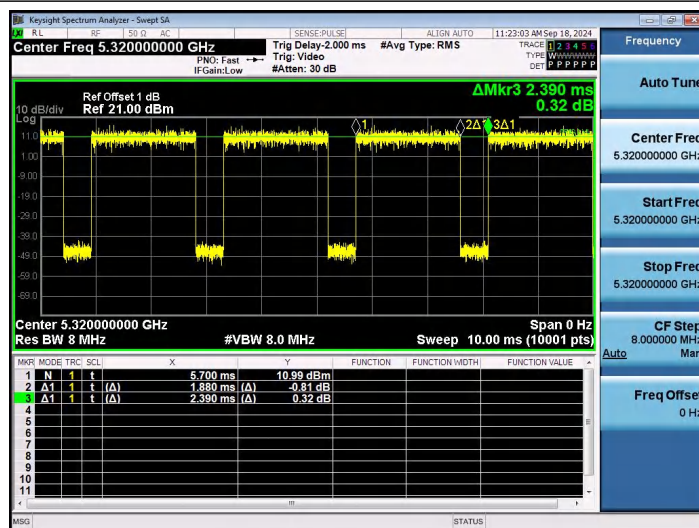




NTNV-802.11n(HT20)SISO-Ant1-5260

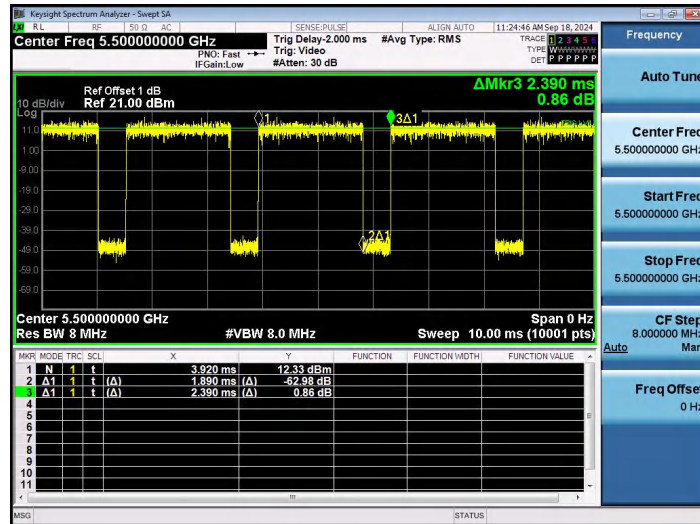


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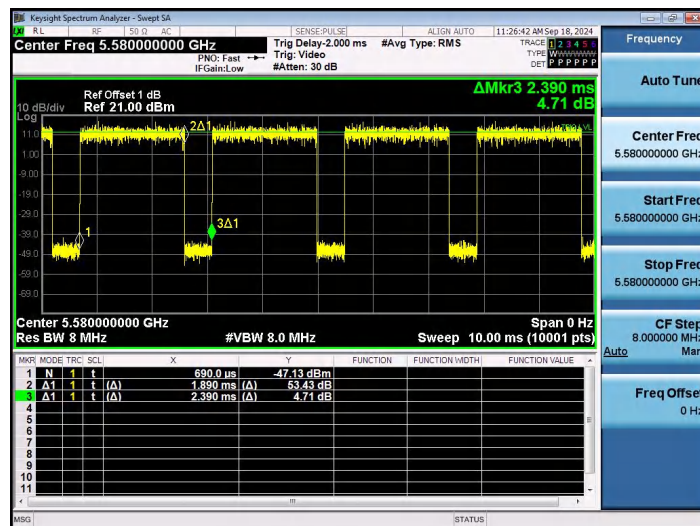


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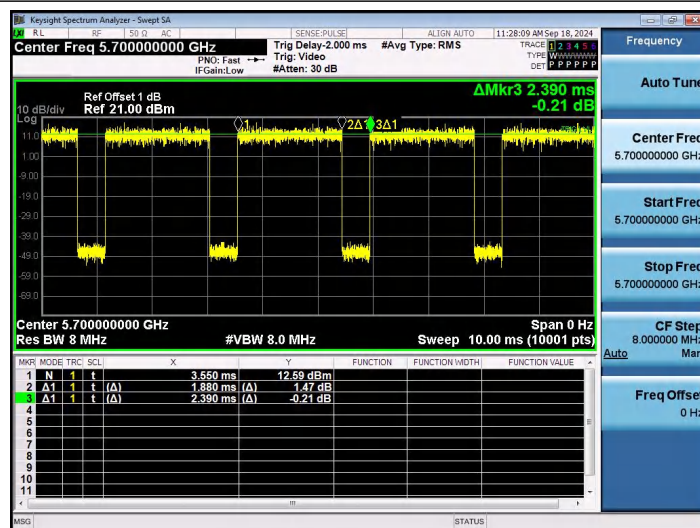




NTNV-802.11n(HT20)SISO-Ant1-5500

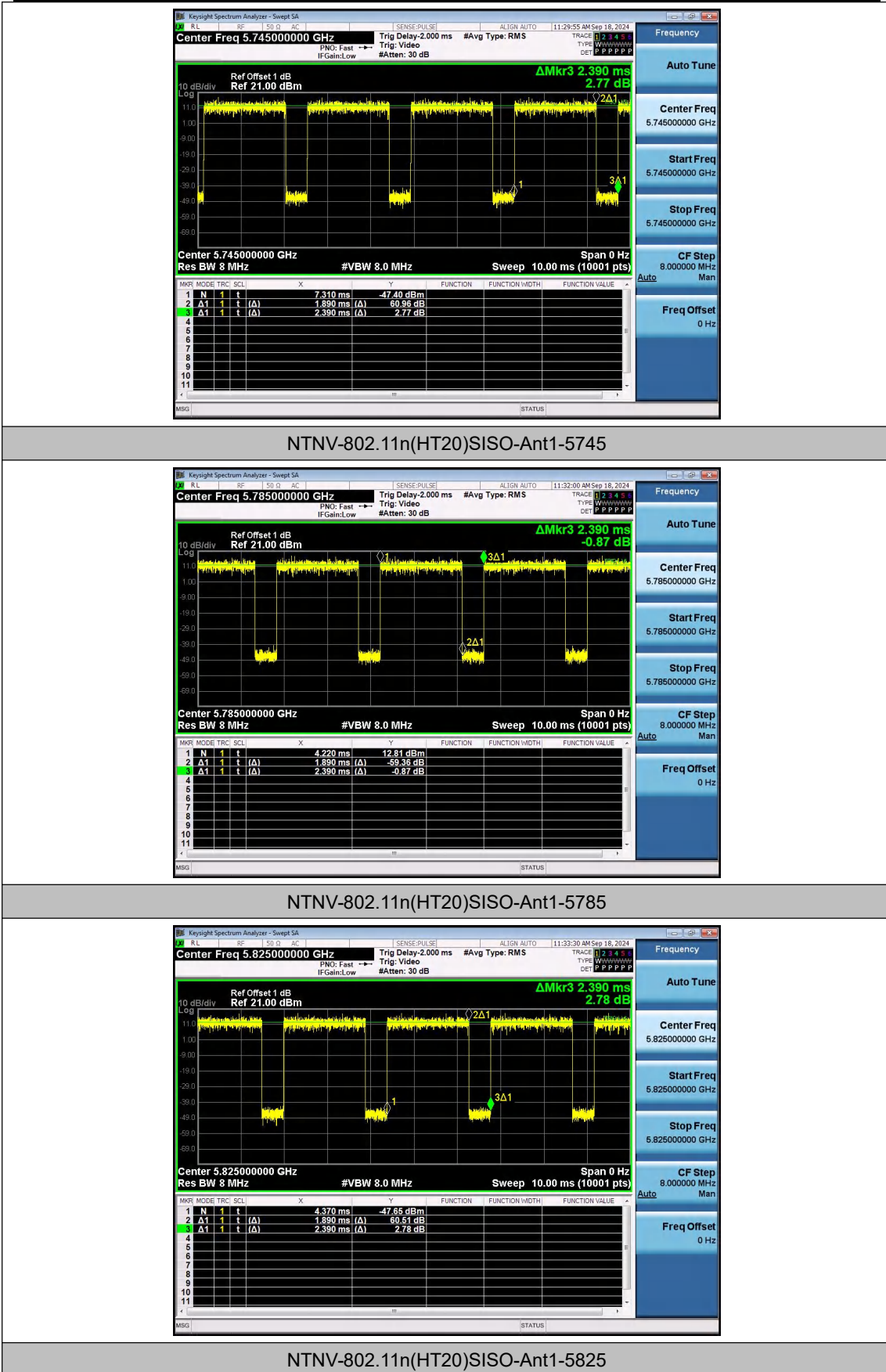


NTNV-802.11n(HT20)SISO-Ant1-5580



NTNV-802.11n(HT20)SISO-Ant1-5700





Appendix C: Maximum Conducted Output Power

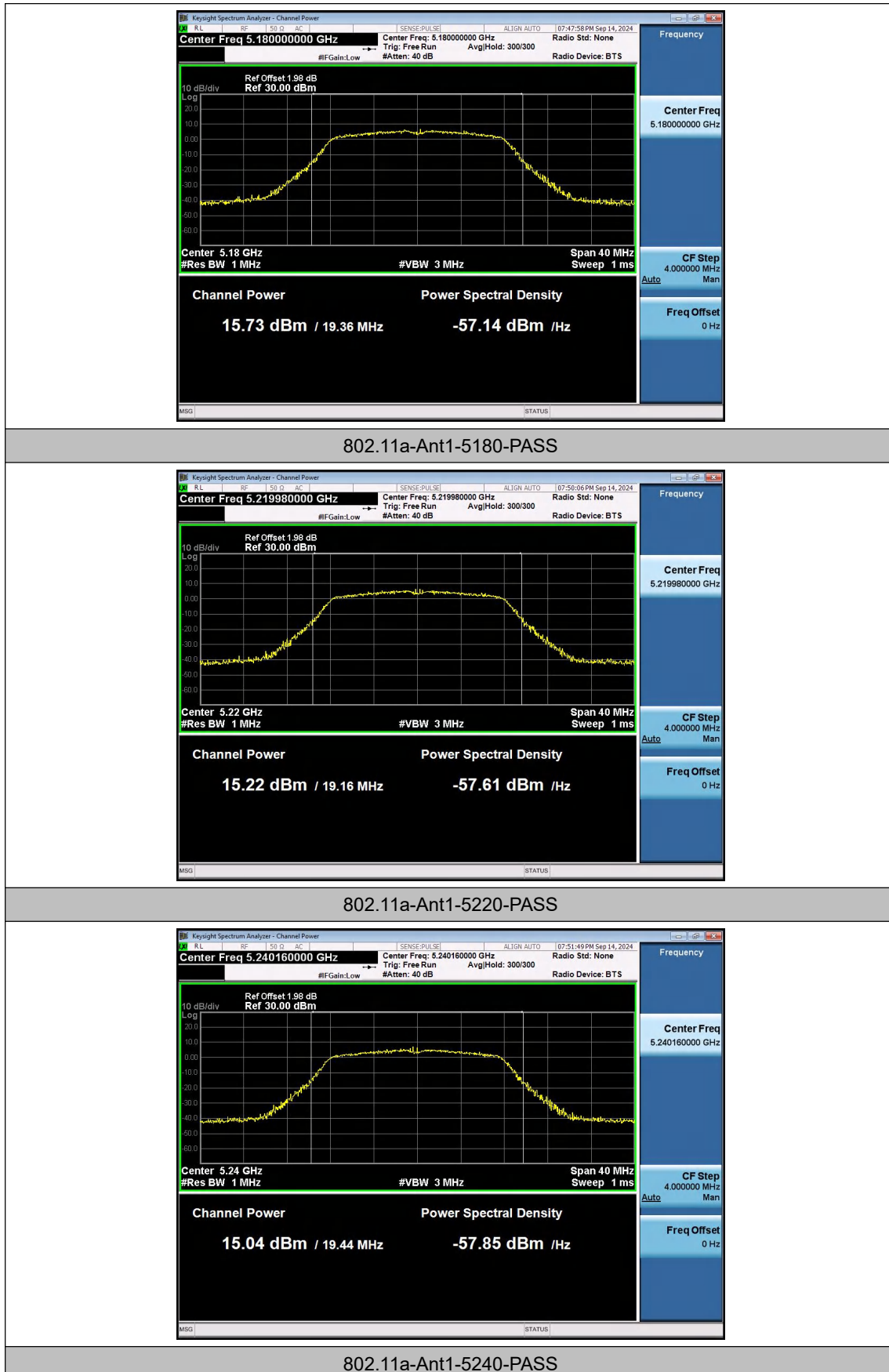
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
802.11a	Ant1	5180	14.75	79.84	0.98	15.73	≤23.98	PASS
802.11a	Ant1	5220	14.24	79.84	0.98	15.22	≤23.98	PASS
802.11a	Ant1	5240	14.06	79.84	0.98	15.04	≤23.98	PASS
802.11a	Ant1	5260	13.87	80.24	0.96	14.83	≤23.81	PASS
802.11a	Ant1	5300	13.88	80.24	0.96	14.84	≤23.81	PASS
802.11a	Ant1	5320	14.12	79.84	0.98	15.10	≤23.81	PASS
802.11a	Ant1	5500	15.44	80.16	0.96	16.40	≤23.89	PASS
802.11a	Ant1	5580	15.12	80.16	0.96	16.08	≤23.82	PASS
802.11a	Ant1	5700	15.46	80.16	0.96	16.42	≤23.88	PASS
802.11a	Ant1	5745	15.23	79.84	0.98	16.21	≤30.00	PASS
802.11a	Ant1	5785	15.26	80.24	0.96	16.22	≤30.00	PASS
802.11a	Ant1	5825	15.79	80.16	0.96	16.75	≤30.00	PASS
802.11n(HT20)SISO	Ant1	5180	13.79	78.75	1.04	14.83	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5220	13.30	79.08	1.02	14.32	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5240	13.13	79.08	1.02	14.15	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5260	12.89	79.08	1.02	13.91	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5300	12.61	79.08	1.02	13.63	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5320	12.65	78.66	1.04	13.69	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5500	14.54	79.08	1.02	15.56	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5580	14.28	79.08	1.02	15.30	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5700	14.42	78.66	1.04	15.46	≤23.98	PASS
802.11n(HT20)SISO	Ant1	5745	14.28	79.08	1.02	15.30	≤30.00	PASS
802.11n(HT20)SISO	Ant1	5785	14.29	79.08	1.02	15.31	≤30.00	PASS
802.11n(HT20)SISO	Ant1	5825	14.83	79.08	1.02	15.85	≤30.00	PASS

Note: 1.The Duty Cycle Factor and cable loss are compensated in the graph.



Test Graphs Channel Power

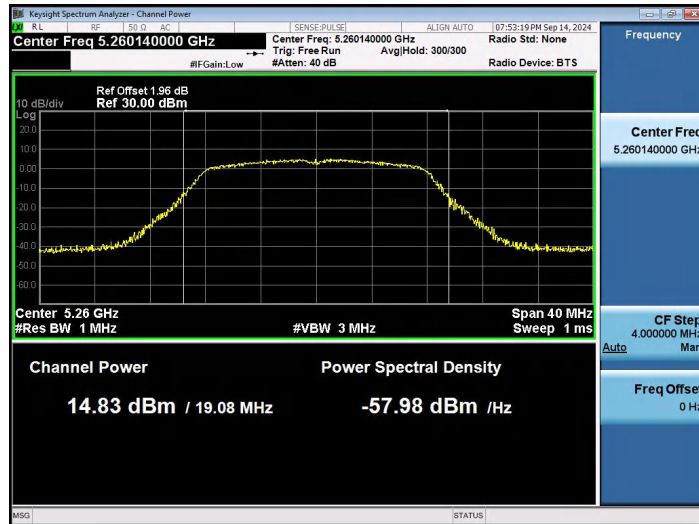


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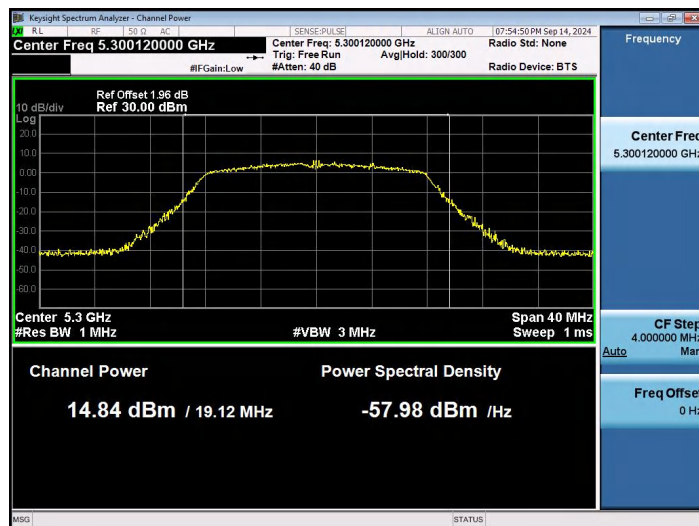
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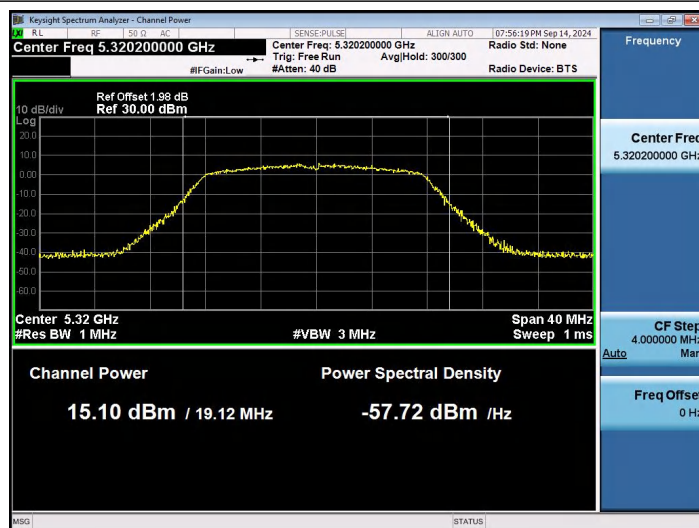




802.11a-Ant1-5260-PASS



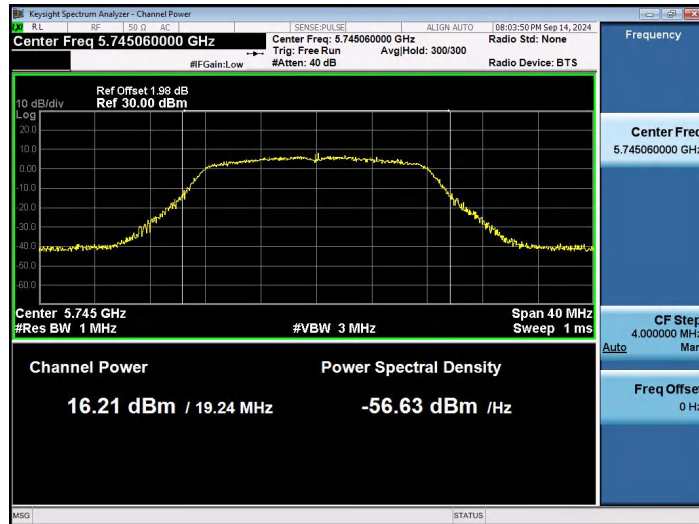
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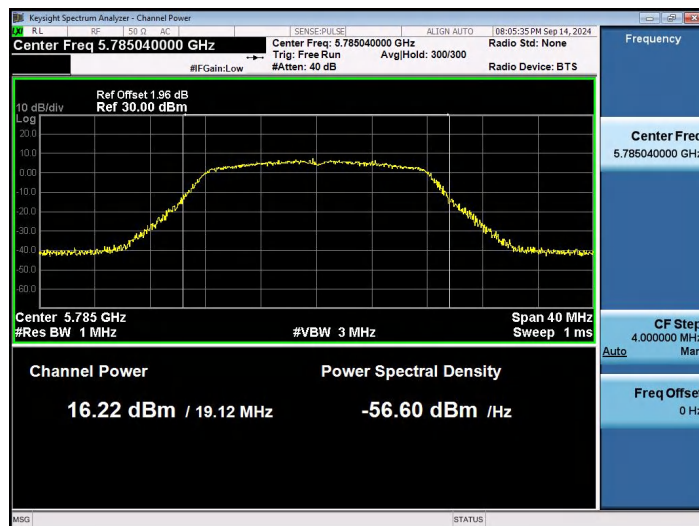
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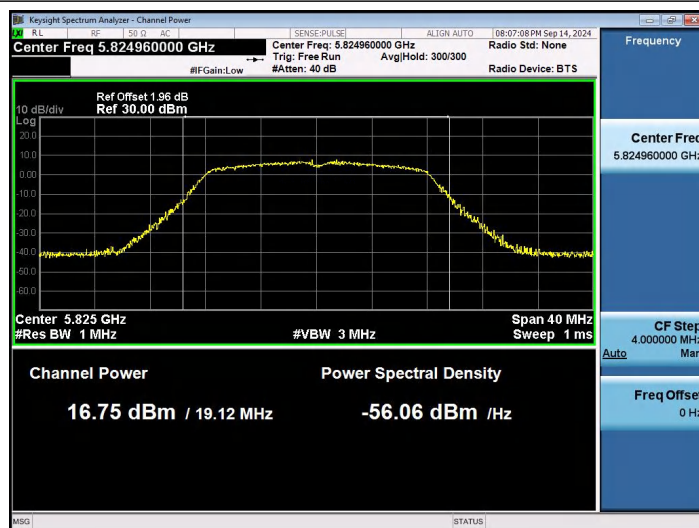




802.11a-Ant1-5745-PASS

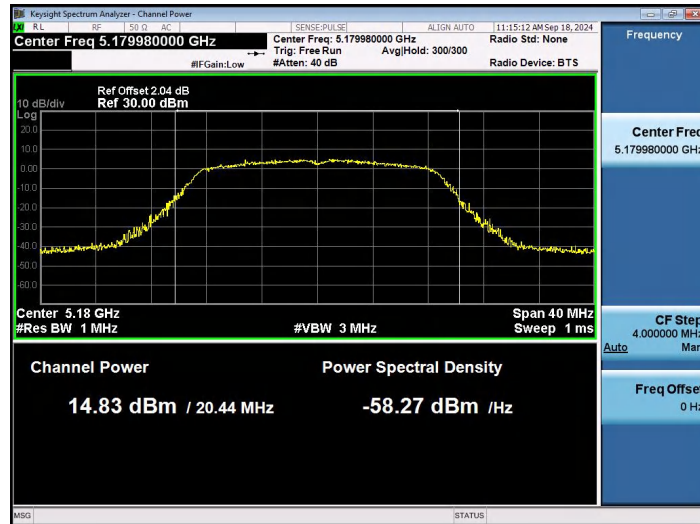


802.11a-Ant1-5785-PASS

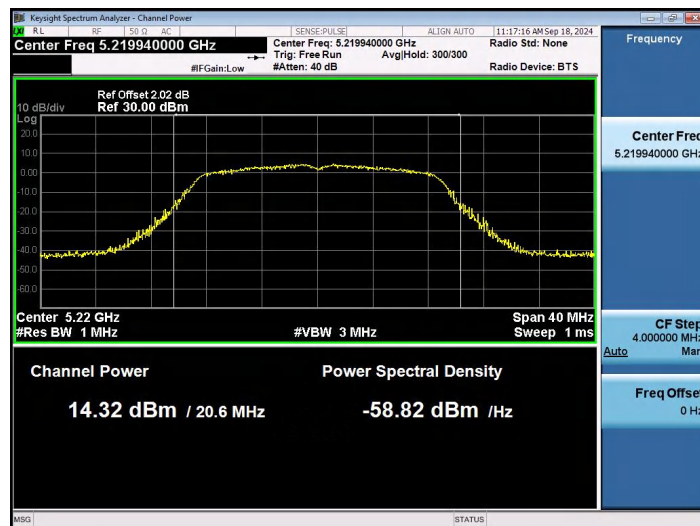


802.11a-Ant1-5825-PASS

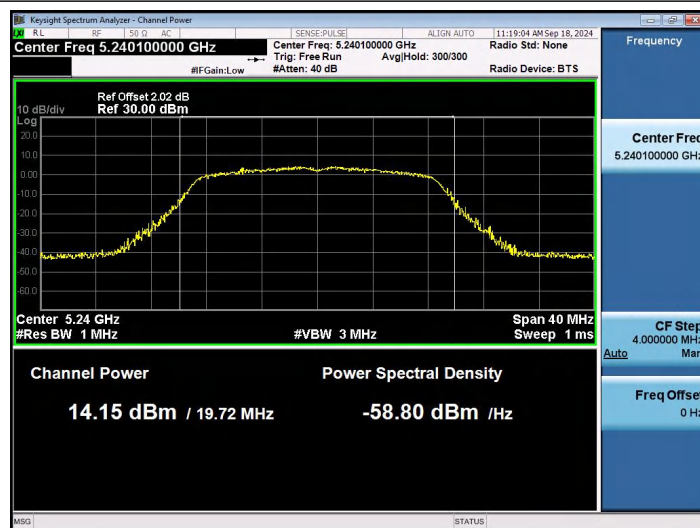




802.11n(HT20)SISO-Ant1-5180-PASS

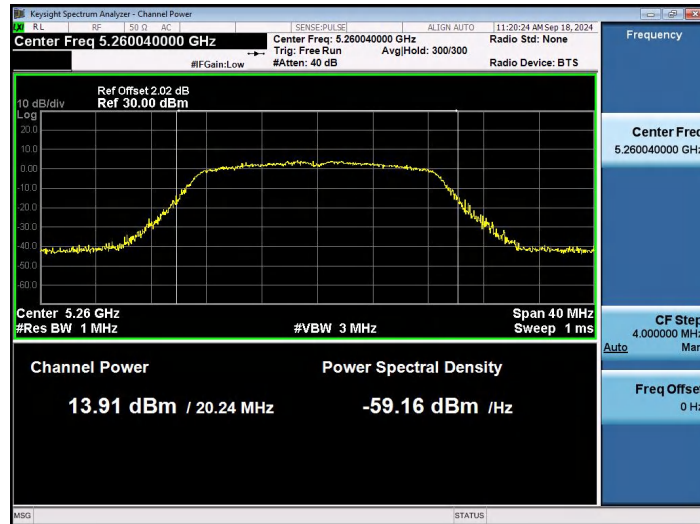


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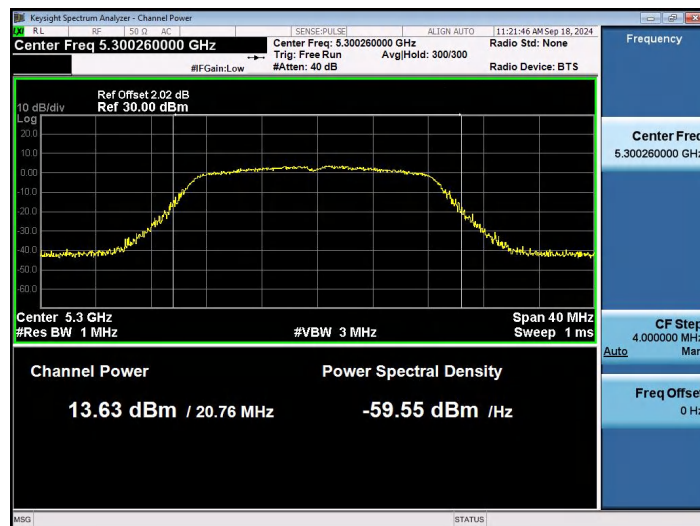


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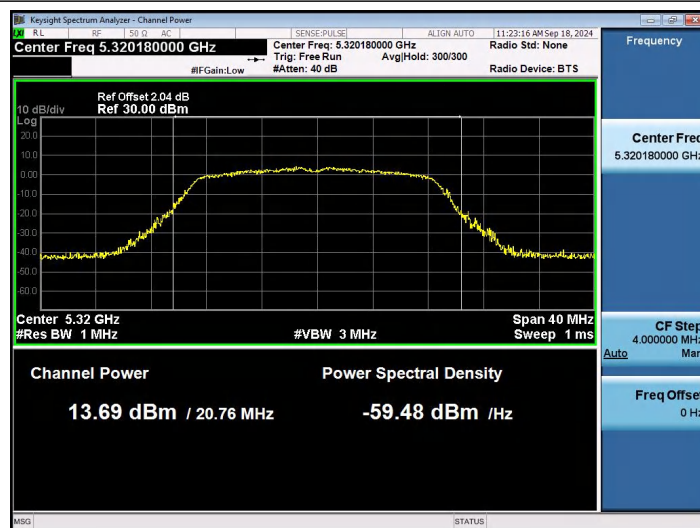




802.11n(HT20)SISO-Ant1-5260-PASS

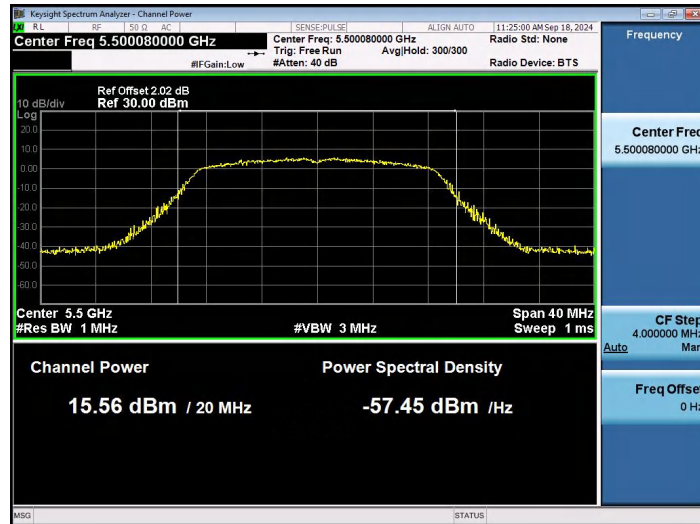


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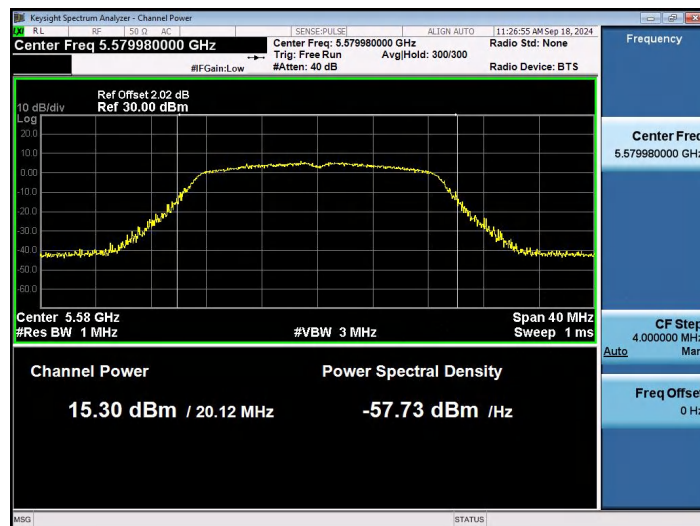


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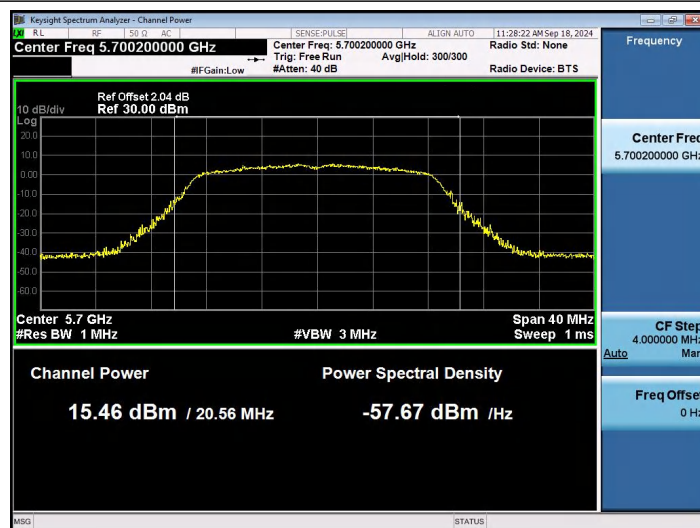




802.11n(HT20)SISO-Ant1-5500-PASS



802.11n(HT20)SISO-Ant1-5580-PASS



802.11n(HT20)SISO-Ant1-5700-PASS

