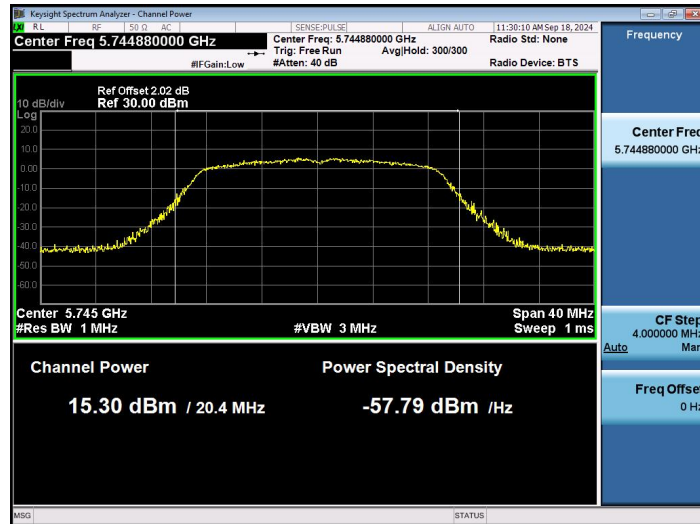
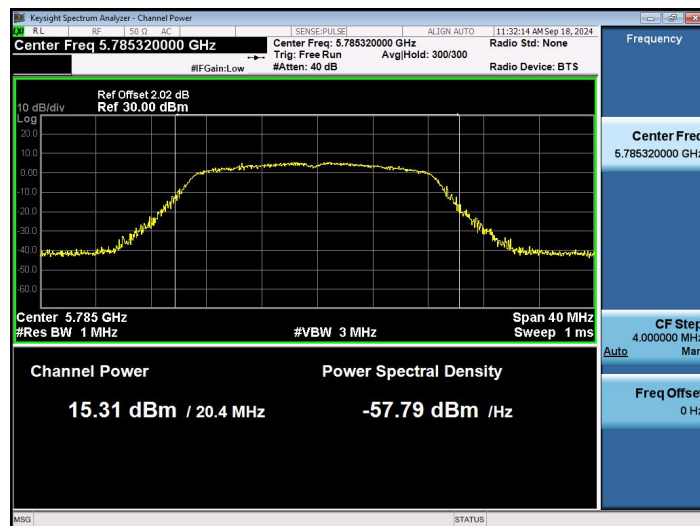
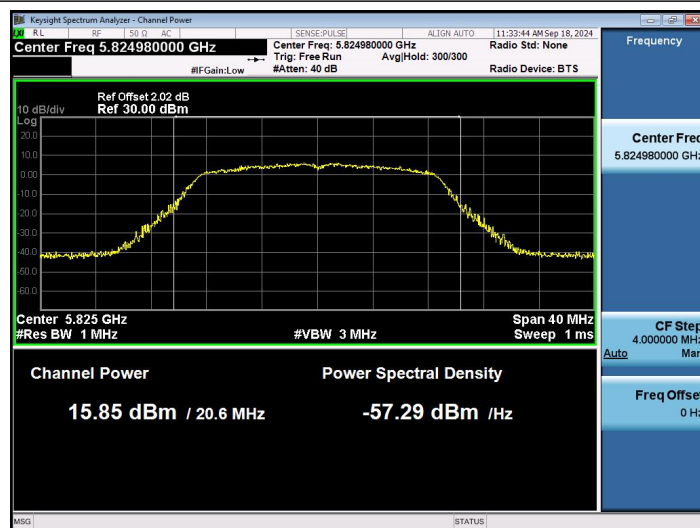




802.11n(HT20)SISO-Ant1-5745-PASS



802.11n(HT20)SISO-Ant1-5785-PASS



802.11n(HT20)SISO-Ant1-5825-PASS



Appendix D: Maximum Power Spectral Density

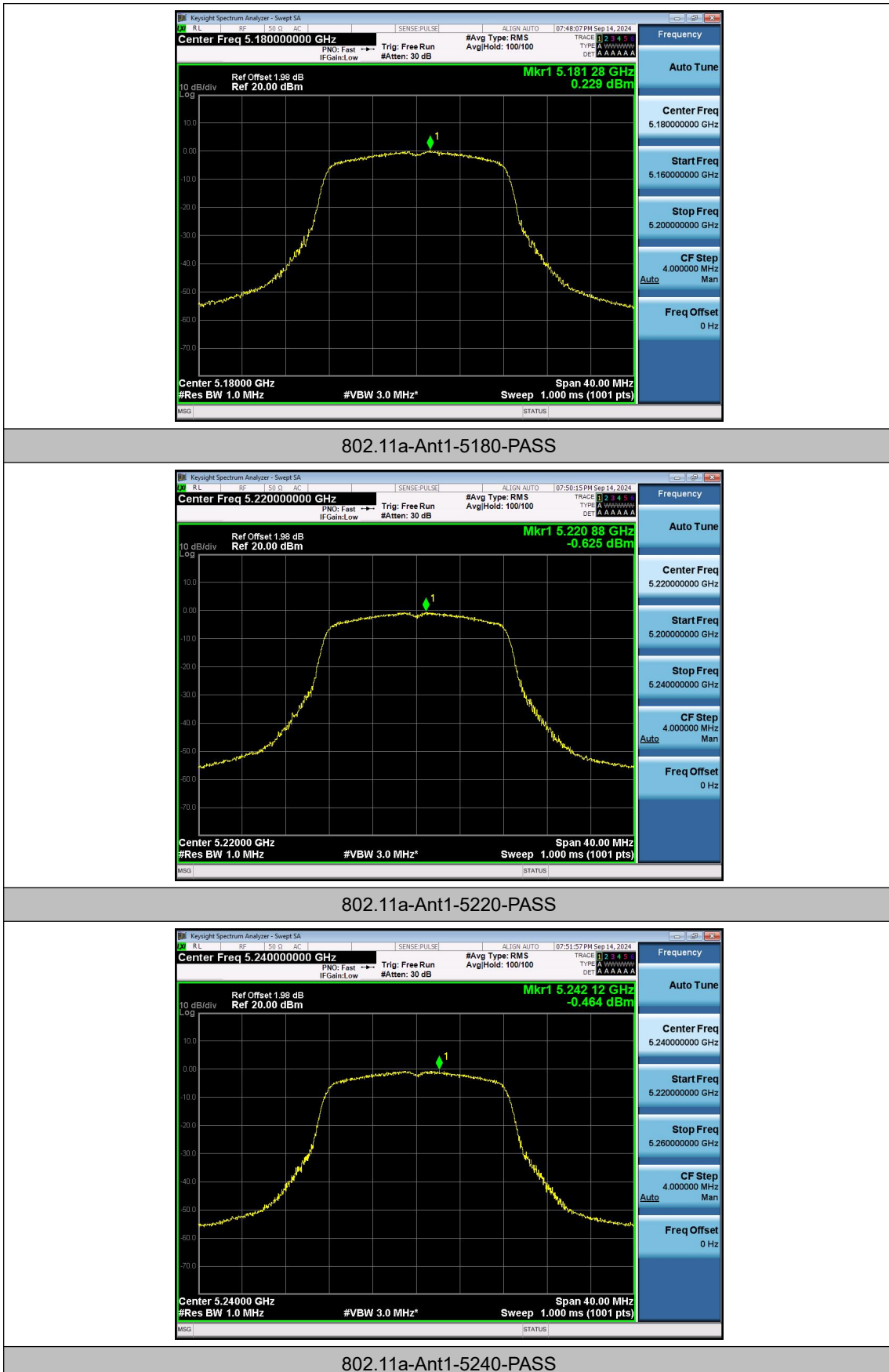
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
802.11a	Ant1	5180	0.23	≤11.00	PASS
802.11a	Ant1	5220	-0.63	≤11.00	PASS
802.11a	Ant1	5240	-0.46	≤11.00	PASS
802.11a	Ant1	5260	-1.22	≤11.00	PASS
802.11a	Ant1	5300	-1.06	≤11.00	PASS
802.11a	Ant1	5320	-0.80	≤11.00	PASS
802.11a	Ant1	5500	0.49	≤11.00	PASS
802.11a	Ant1	5580	0.10	≤11.00	PASS
802.11a	Ant1	5700	0.64	≤11.00	PASS
TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
802.11a	Ant1	5745	-2.48	≤30.00	PASS
802.11a	Ant1	5785	-2.40	≤30.00	PASS
802.11a	Ant1	5825	-2.19	≤30.00	PASS
TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
802.11n(HT20)SISO	Ant1	5180	-1.01	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5220	-1.93	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5240	-2.19	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5260	-1.92	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5300	-2.70	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5320	-2.41	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5500	-0.52	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5580	-0.75	≤11.00	PASS
802.11n(HT20)SISO	Ant1	5700	-0.25	≤11.00	PASS
TestMode	Antenna	Frequency[MHz]	Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
802.11n(HT20)SISO	Ant1	5745	-3.48	≤30.00	PASS
802.11n(HT20)SISO	Ant1	5785	-3.76	≤30.00	PASS
802.11n(HT20)SISO	Ant1	5825	-3.02	≤30.00	PASS

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



Test Graphs

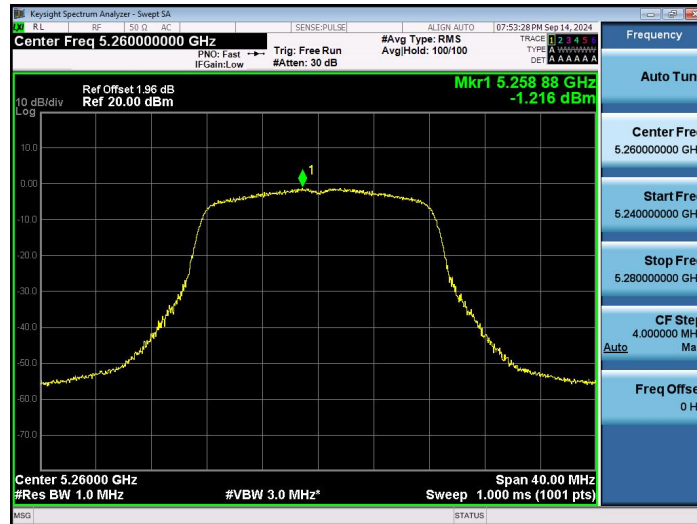


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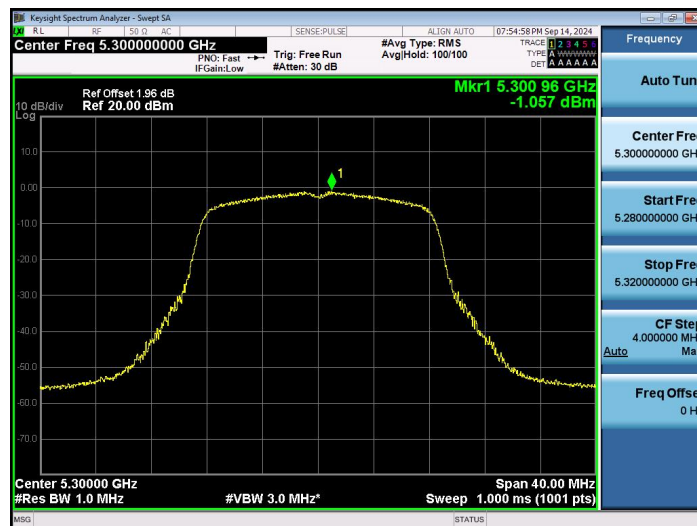
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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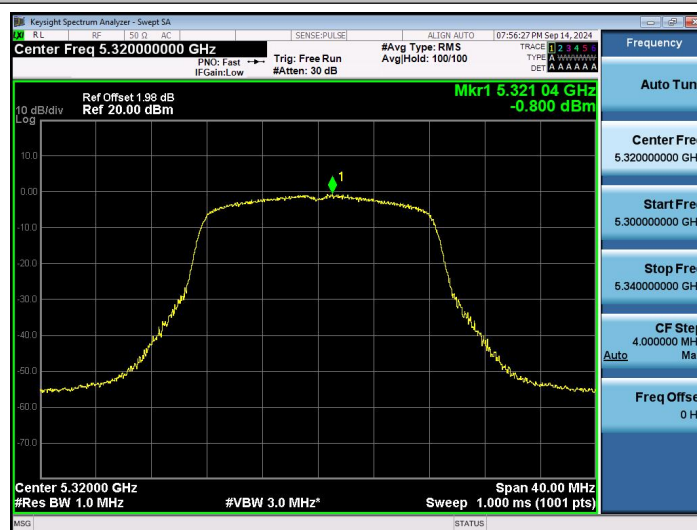




802.11a-Ant1-5260-PASS

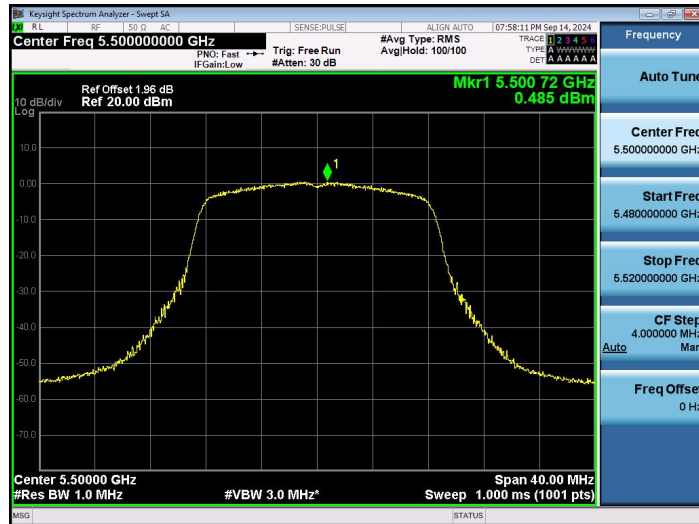


802.11a-Ant1-5300-PASS

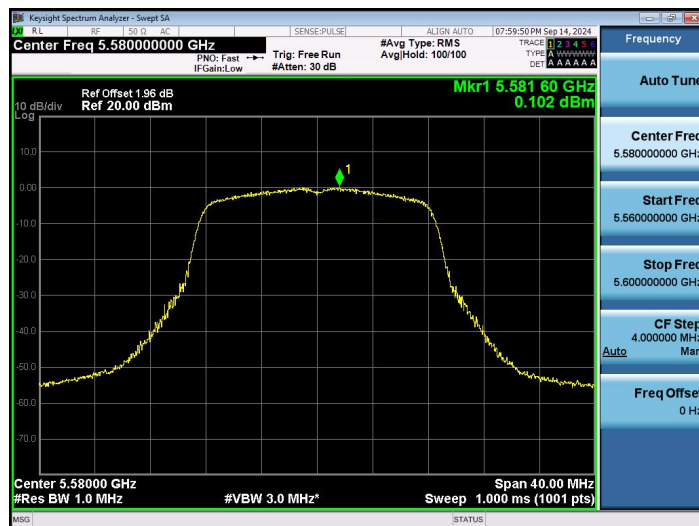


802.11a-Ant1-5320-PASS





802.11a-Ant1-5500-PASS



802.11a-Ant1-5580-PASS



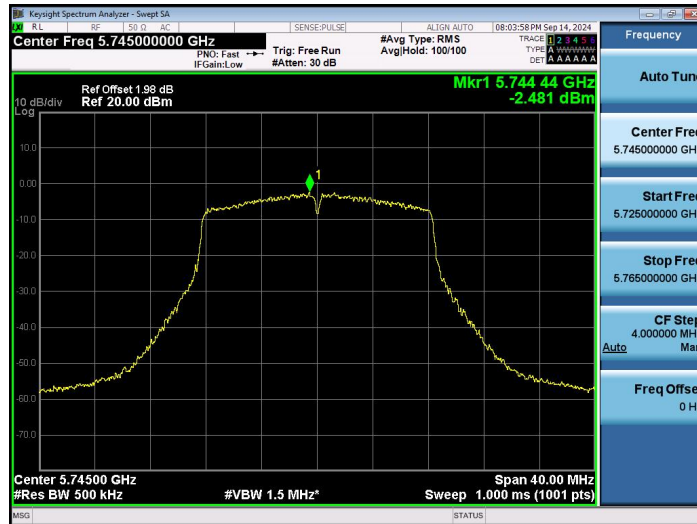
802.11a-Ant1-5700-PASS

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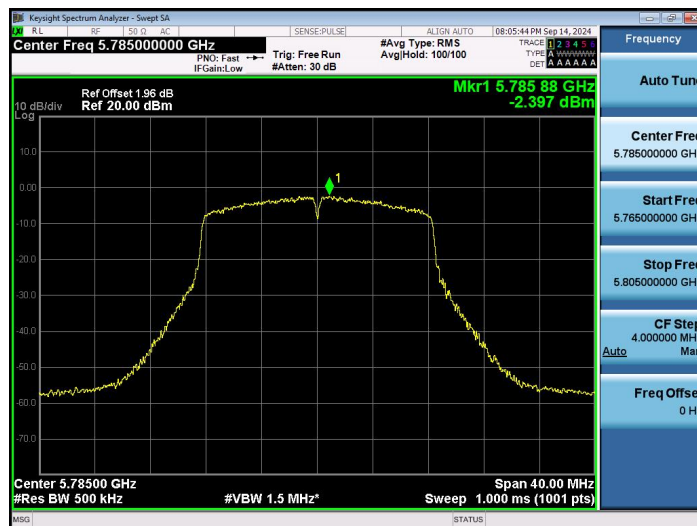
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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802.11a-Ant1-5745-PASS

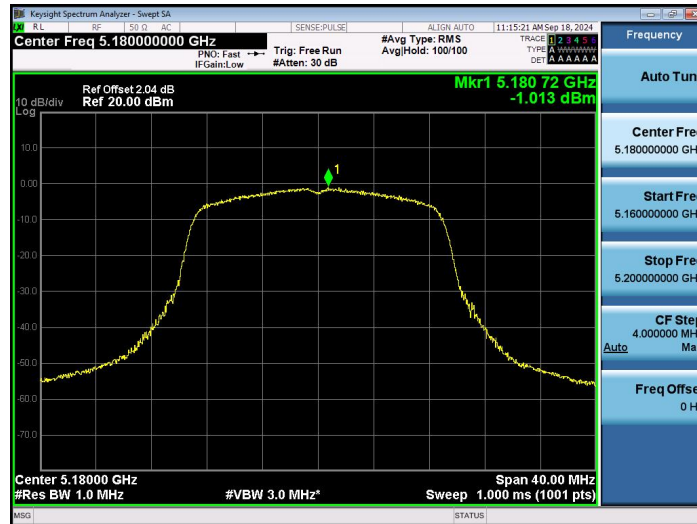


802.11a-Ant1-5785-PASS

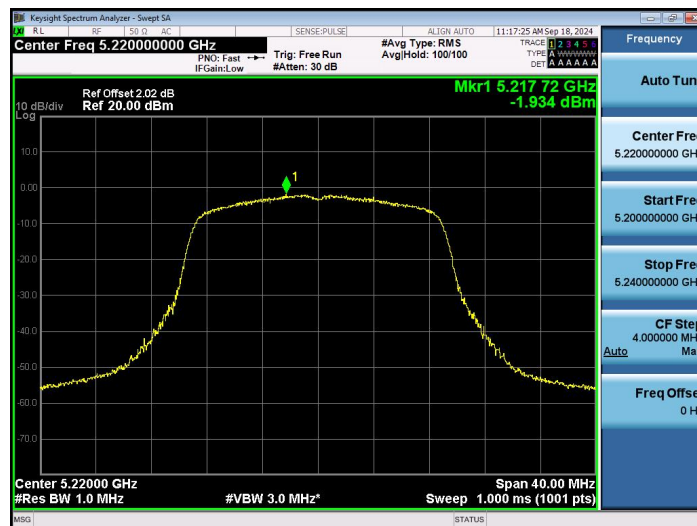


802.11a-Ant1-5825-PASS

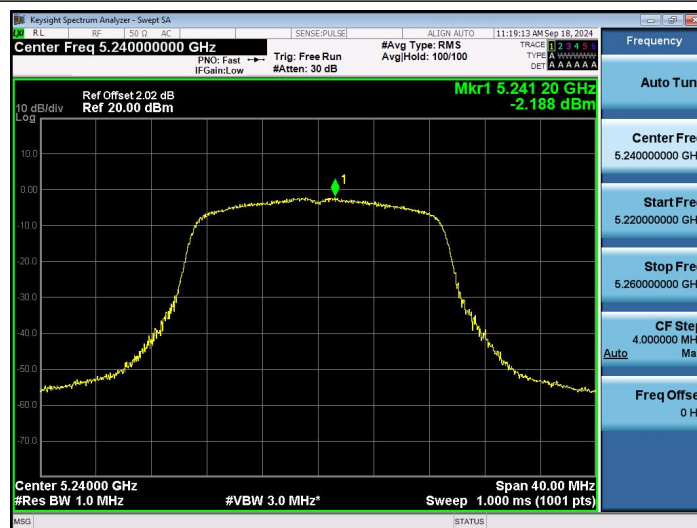




802.11n(HT20)SISO-Ant1-5180-PASS

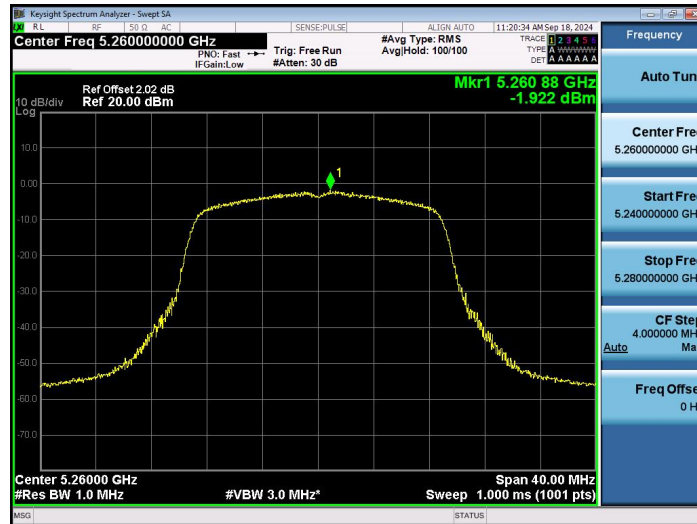


802.11n(HT20)SISO-Ant1-5220-PASS

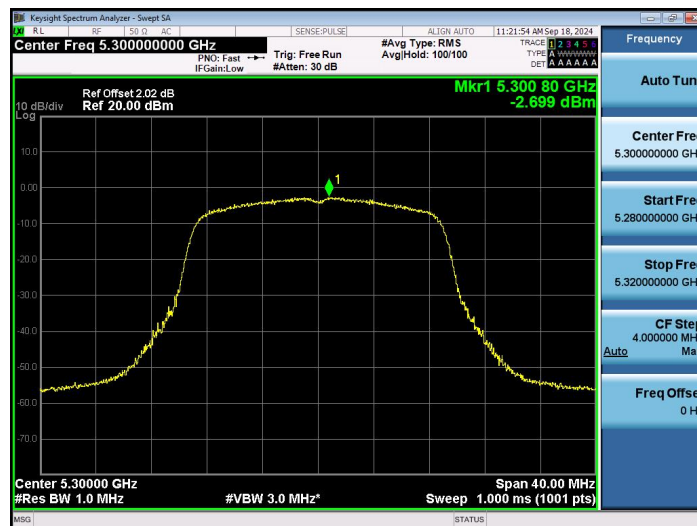


802.11n(HT20)SISO-Ant1-5240-PASS

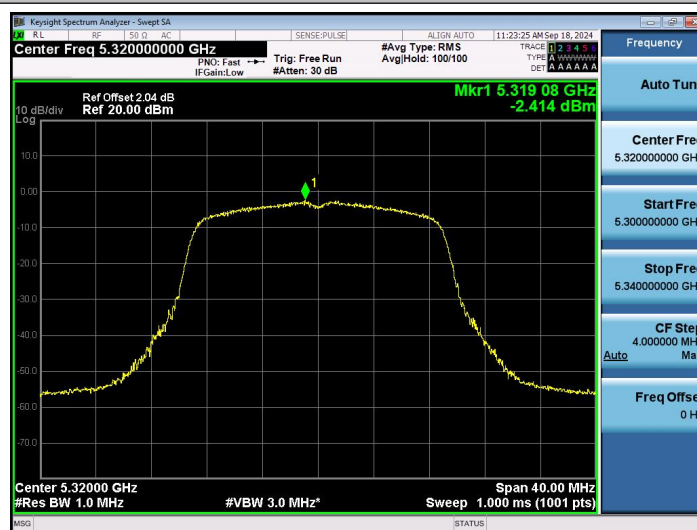




802.11n(HT20)SISO-Ant1-5260-PASS

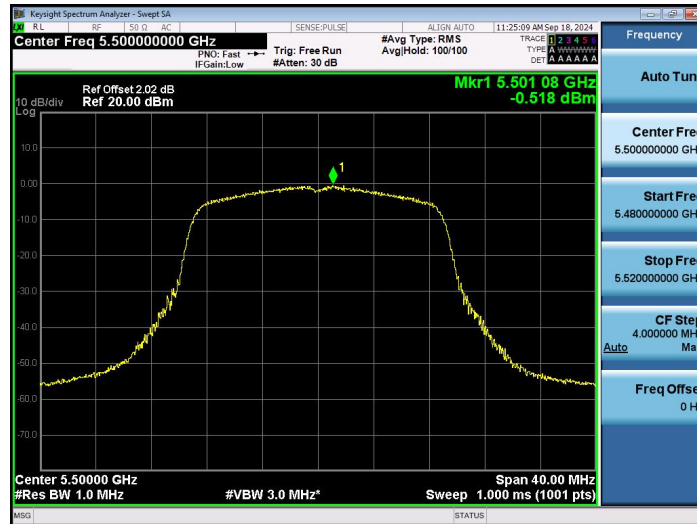


802.11n(HT20)SISO-Ant1-5300-PASS

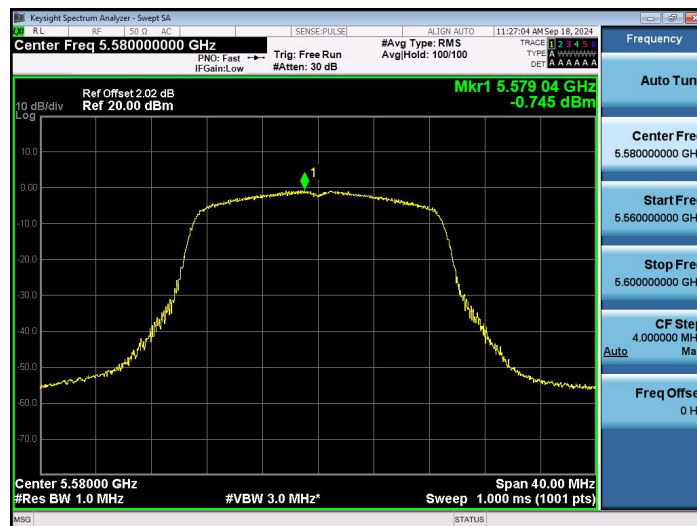


802.11n(HT20)SISO-Ant1-5320-PASS

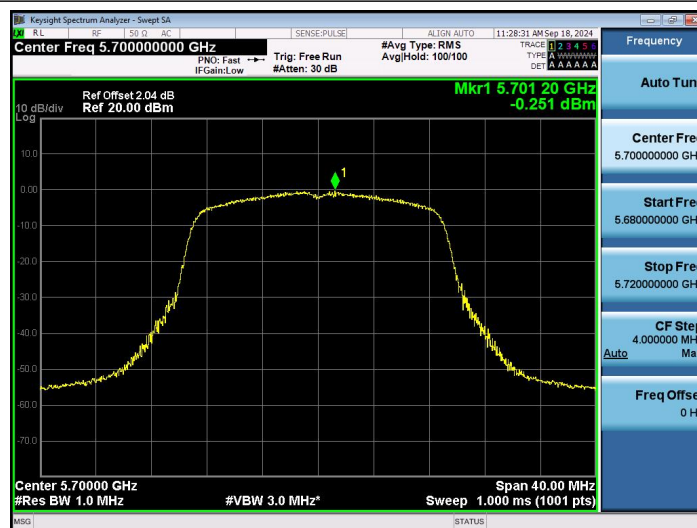




802.11n(HT20)SISO-Ant1-5500-PASS

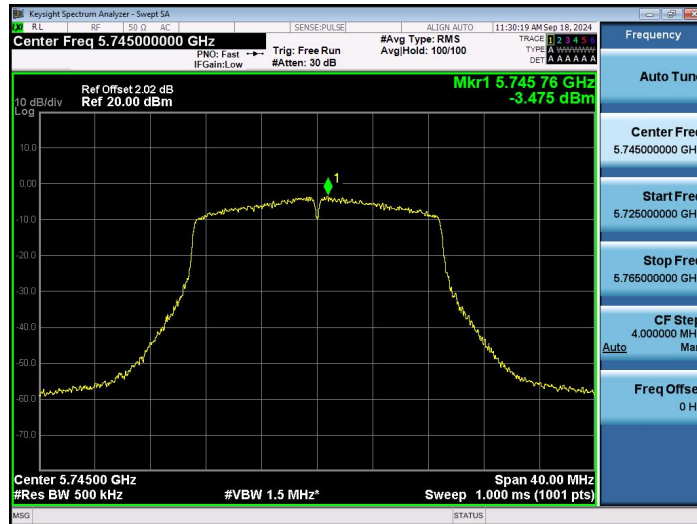


802.11n(HT20)SISO-Ant1-5580-PASS

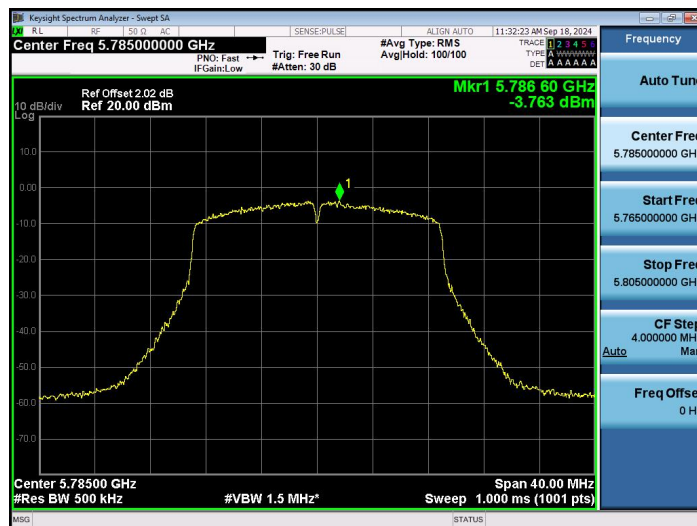


802.11n(HT20)SISO-Ant1-5700-PASS





802.11n(HT20)SISO-Ant1-5745-PASS



802.11n(HT20)SISO-Ant1-5785-PASS



802.11n(HT20)SISO-Ant1-5825-PASS



Appendix E: Band edge emissions (Conducted)

Test Result B1/2/3

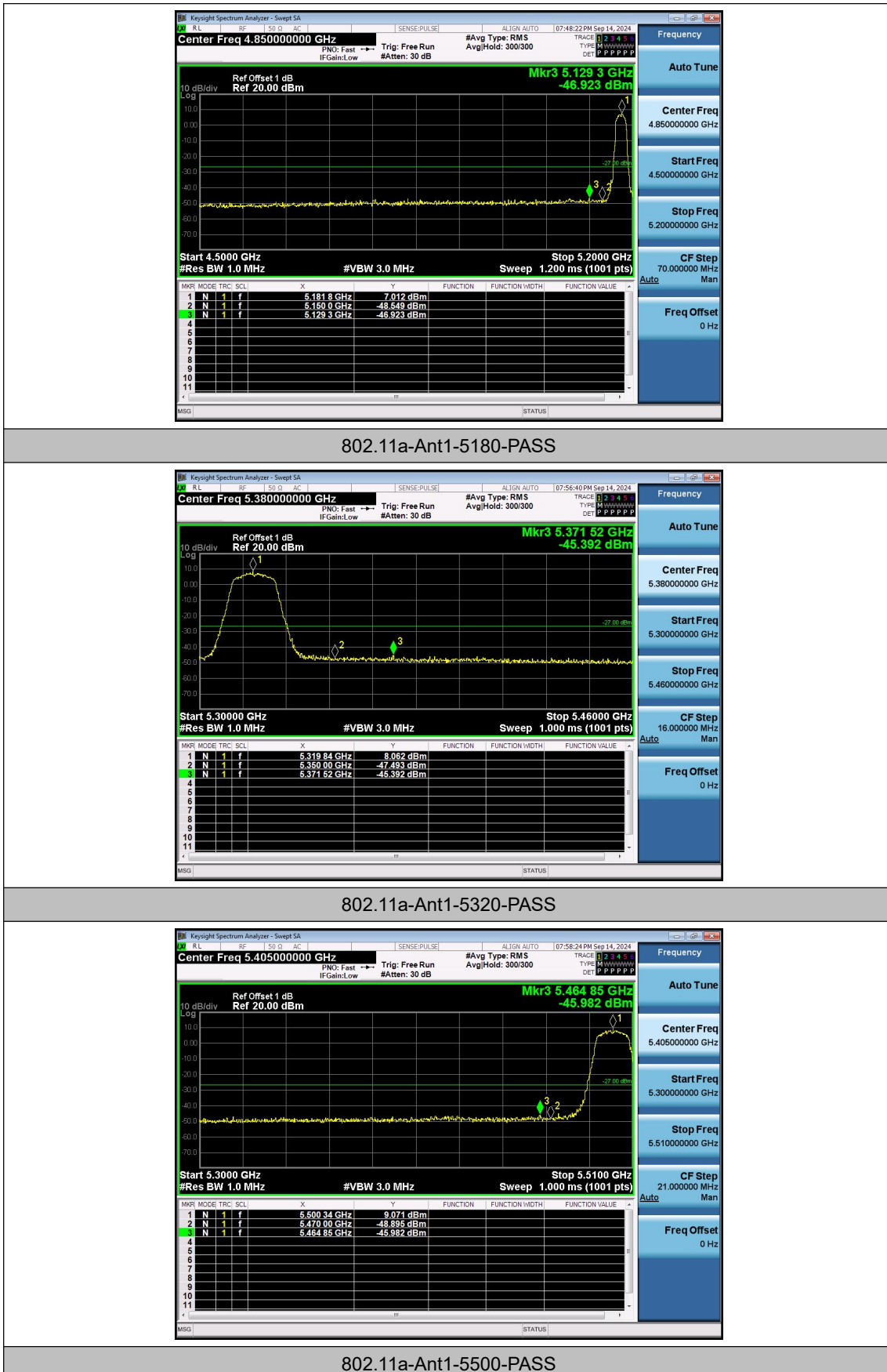
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
802.11a	Ant1	Low	5180	-46.92	≤-27	PASS
802.11a	Ant1	High	5320	-45.39	≤-27	PASS
802.11a	Ant1	Low	5500	-45.98	≤-27	PASS
802.11a	Ant1	High	5700	-44.77	≤-27	PASS
802.11n(HT20)SISO	Ant1	Low	5180	-47.33	≤-27	PASS
802.11n(HT20)SISO	Ant1	High	5320	-46.13	≤-27	PASS
802.11n(HT20)SISO	Ant1	Low	5500	-46.18	≤-27	PASS
802.11n(HT20)SISO	Ant1	High	5700	-45.98	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Frequency [MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
802.11a	Ant1	Low	5745	5720~5725	-46.29	≤16.08	PASS
802.11a	Ant1	Low	5745	5700~5720	-47.17	≤10.12	PASS
802.11a	Ant1	Low	5745	5650~5700	-47.9	≤-26.70	PASS
802.11a	Ant1	Low	5745	5645~5650	-47.87	≤-27	PASS
802.11a	Ant1	High	5825	5850~5855	-46.48	≤16.03	PASS
802.11a	Ant1	High	5825	5855~5875	-46.78	≤10.29	PASS
802.11a	Ant1	High	5825	5875~5925	-47.97	≤-26.61	PASS
802.11a	Ant1	High	5825	5925~5935	-46.32	≤-27	PASS
802.11n(HT 20)SISO	Ant1	Low	5745	5720~5725	-48.05	≤15.82	PASS
802.11n(HT 20)SISO	Ant1	Low	5745	5700~5720	-48.24	≤10.06	PASS
802.11n(HT 20)SISO	Ant1	Low	5745	5650~5700	-49.46	≤-26.70	PASS
802.11n(HT 20)SISO	Ant1	Low	5745	5645~5650	-47.94	≤-27	PASS
802.11n(HT 20)SISO	Ant1	High	5825	5850~5855	-47.88	≤15.73	PASS
802.11n(HT 20)SISO	Ant1	High	5825	5855~5875	-46.04	≤10.63	PASS
802.11n(HT 20)SISO	Ant1	High	5825	5875~5925	-48.59	≤-26.51	PASS
802.11n(HT 20)SISO	Ant1	High	5825	5925~5935	-47.11	≤-27	PASS



Test Graphs B1/2/3

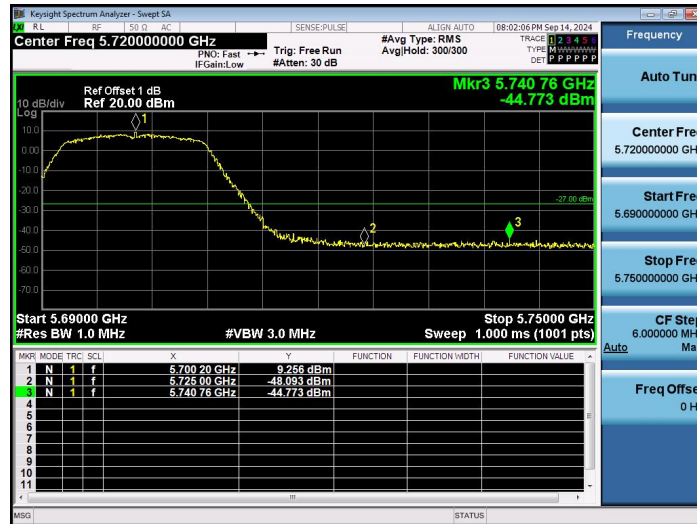


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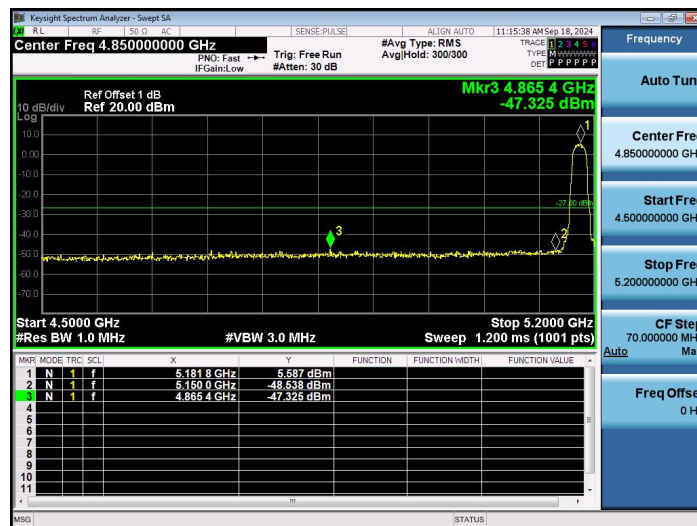
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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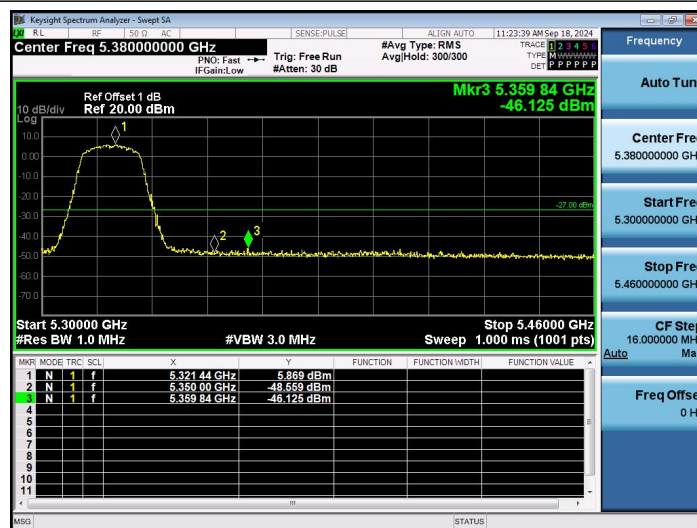




802.11a-Ant1-5700-PASS



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



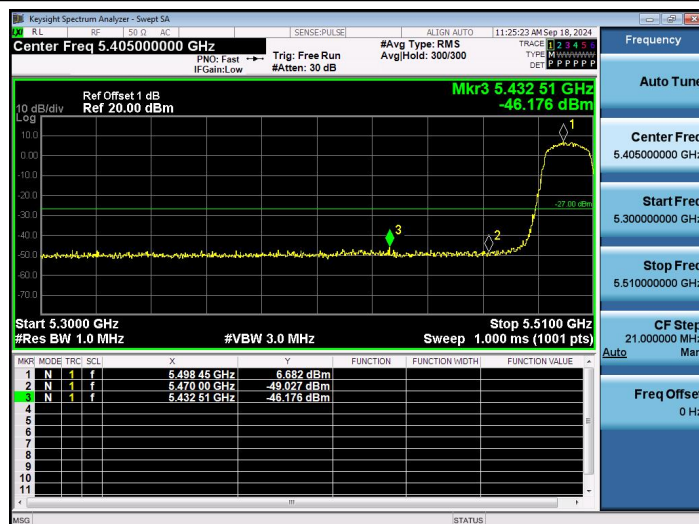
802.11n(HT20)SISO-Ant1-5320-PASS

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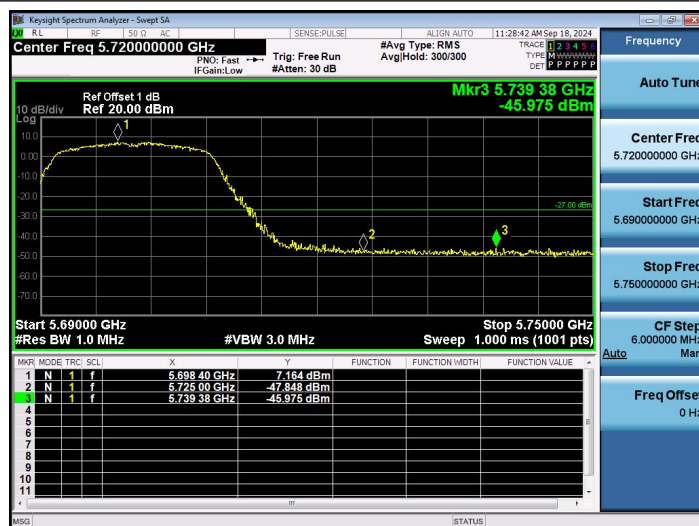
Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China
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802.11n(HT20)SISO-Ant1-5500-PASS



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

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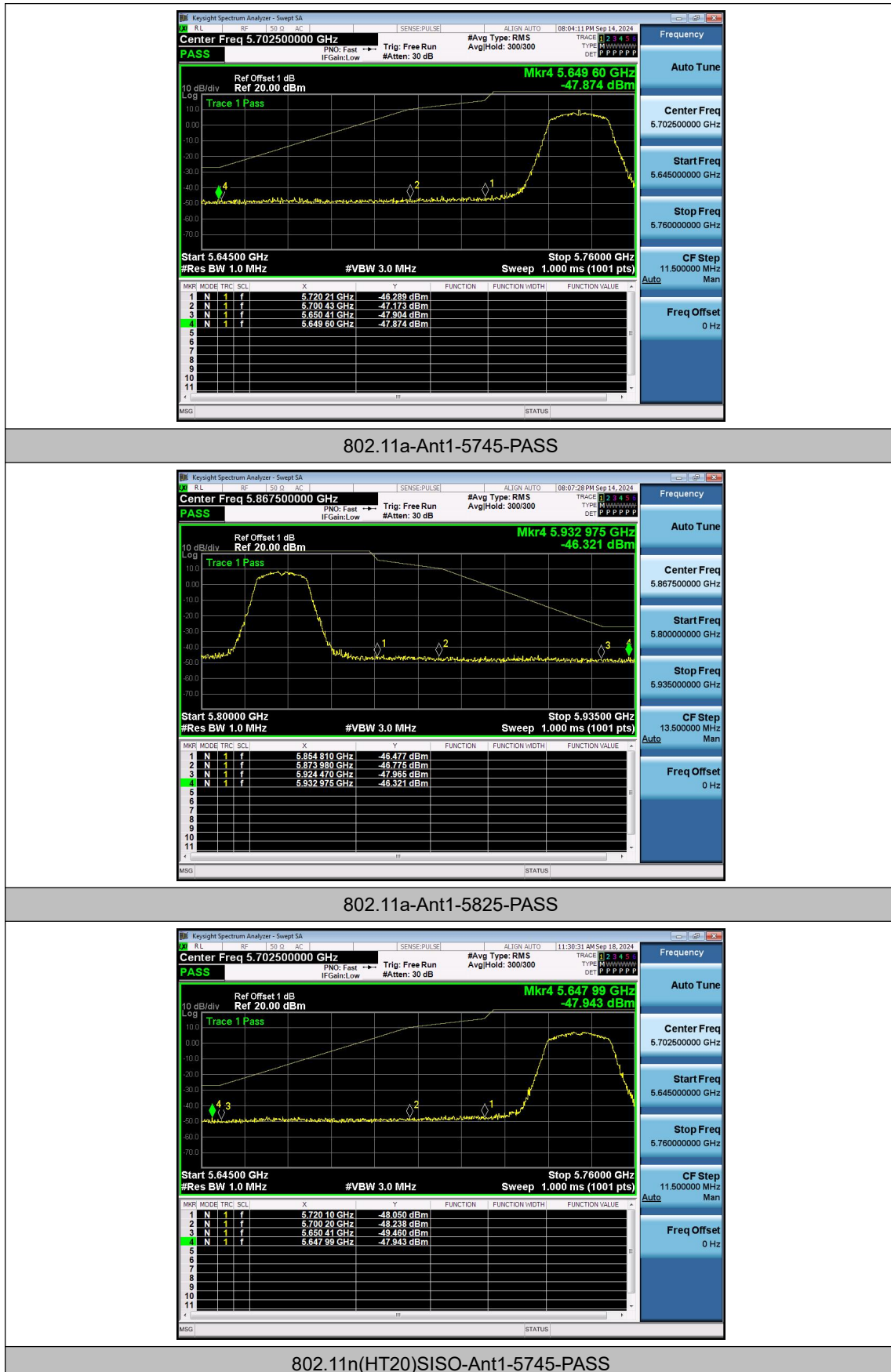
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Test Graphs B4



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Appendix F: DFS Detection Thresholds

Test Result

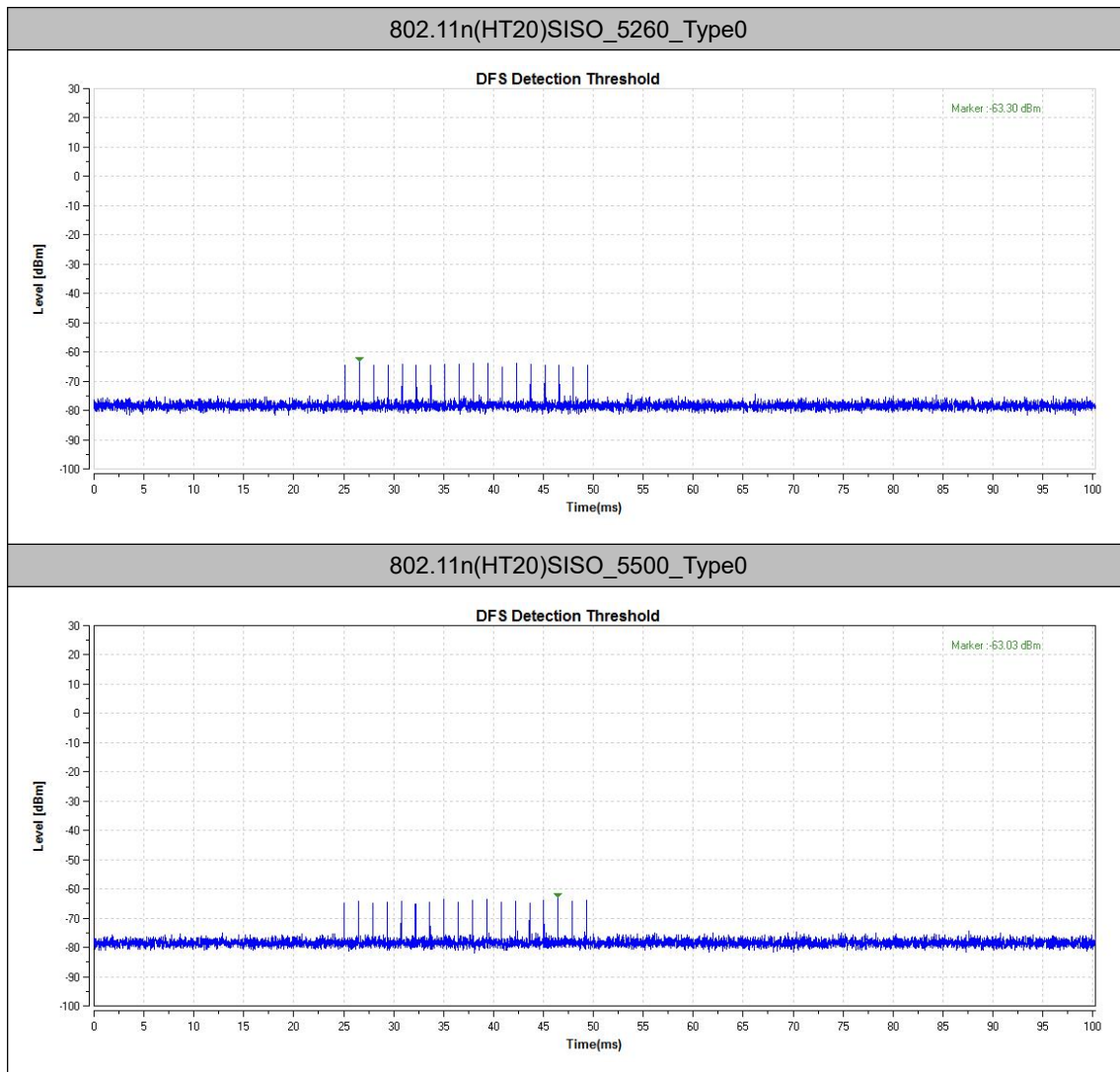
Note: Only the worst case data was showed in the report.

TestMode	Frequency[MHz]	Radar Type	Result	Limit[dbm]	Verdict
802.11n(HT20)SISO	5260	Type0	-63.30	-62.00	PASS
802.11n(HT20)SISO	5500	Type0	-63.03	-62.00	PASS

Note: 1.EIRP=Maximum conducted output power+Antenna Gain=15.56+5.66=21.22dBm(<200mw).



Test Graphs



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Appendix G: Channel Move Time and Channel Closing

Transmission Time

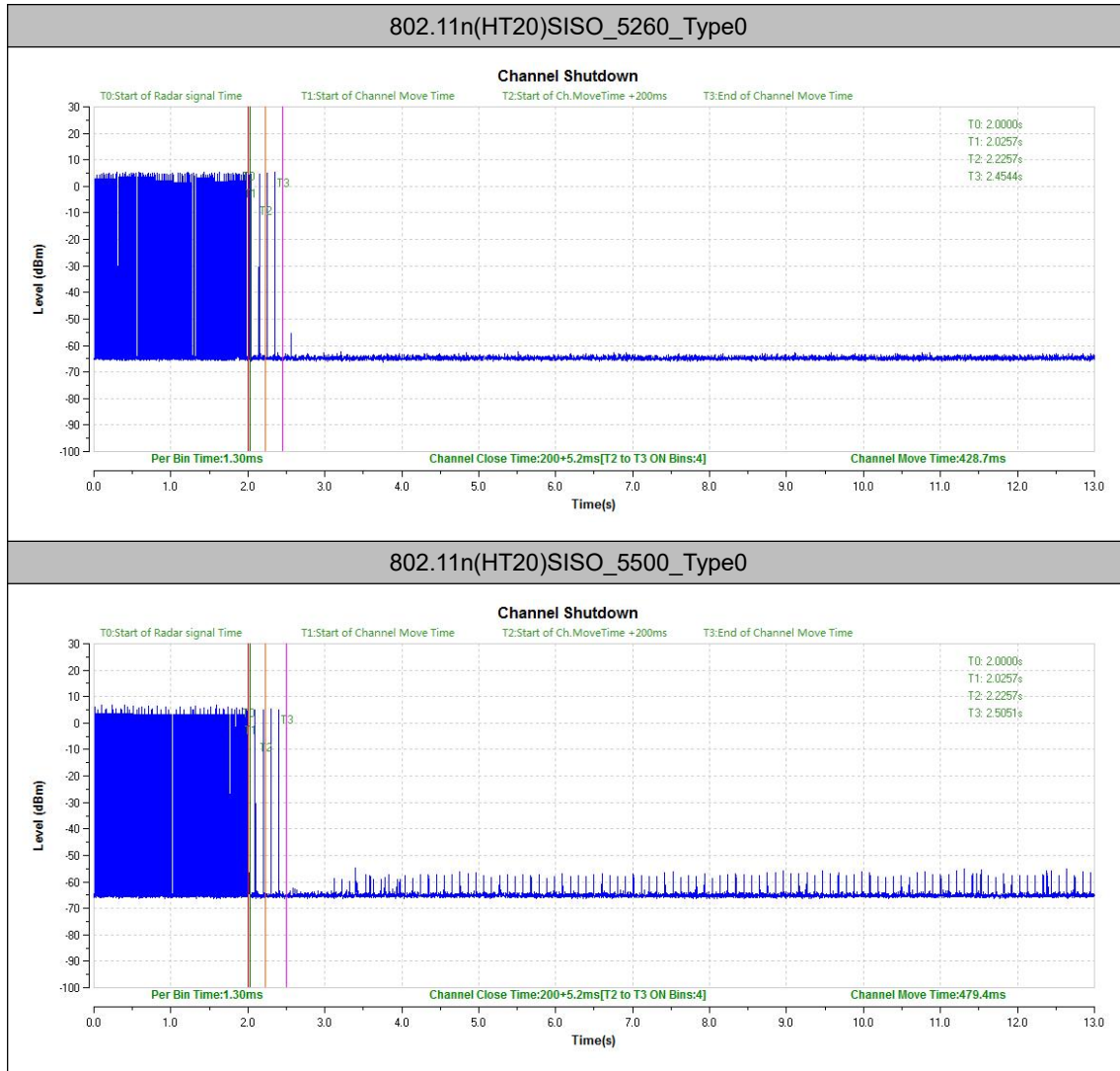
Test Result

Note: Only the worst case data was showed in the report.

TestMode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
802.11n(HT20)SISO	5260	200+5.2	200+60	428.7	10000	PASS
802.11n(HT20)SISO	5500	200+5.2	200+60	479.4	10000	PASS



Test Graphs



---End---

