

Appendix A: Test Results of 5.2 / 5.8GHz Wi-Fi

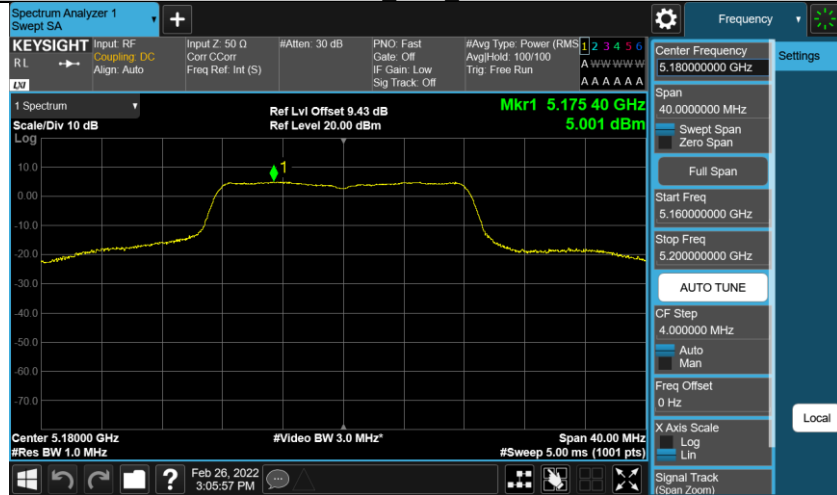
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Appendix A.1: Test Results of Conducted Power Spectral Density

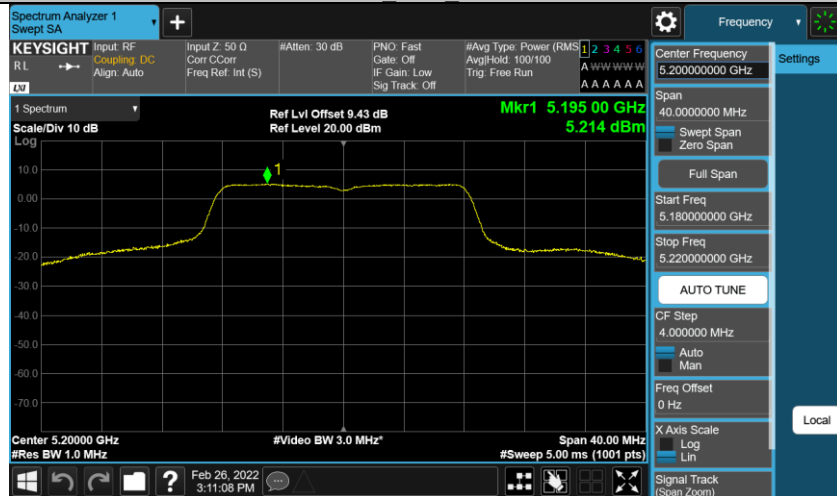
5.2GHz Wi-Fi

TestMode	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	EIRP Limit [dBm/MHz]	Verdict
11A	5180	5.00	≤11.00	9.00	10	PASS
	5200	5.21	≤11.00	9.21	10	PASS
	5240	4.25	≤11.00	8.25	10	PASS
11N20	5180	3.59	≤11.00	7.59	10	PASS
	5200	3.65	≤11.00	7.65	10	PASS
	5240	3.30	≤11.00	7.30	10	PASS
11N40	5190	0.33	≤11.00	4.33	10	PASS
	5230	-0.03	≤11.00	3.97	10	PASS

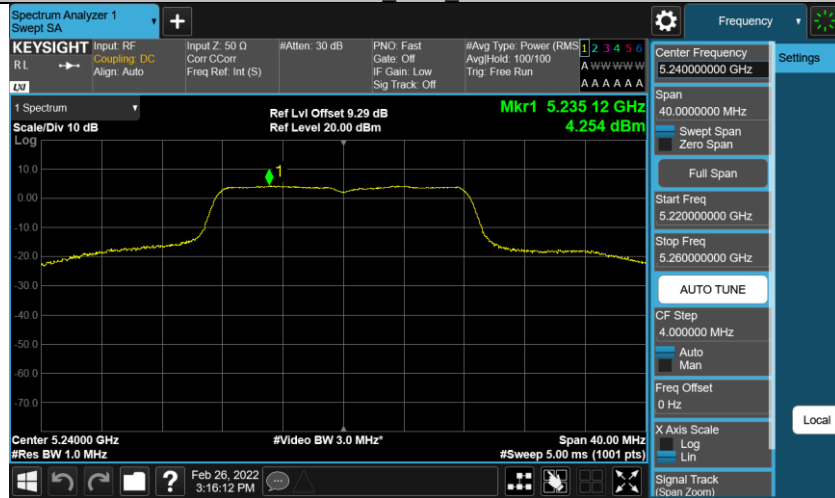
11A Ant1 5180



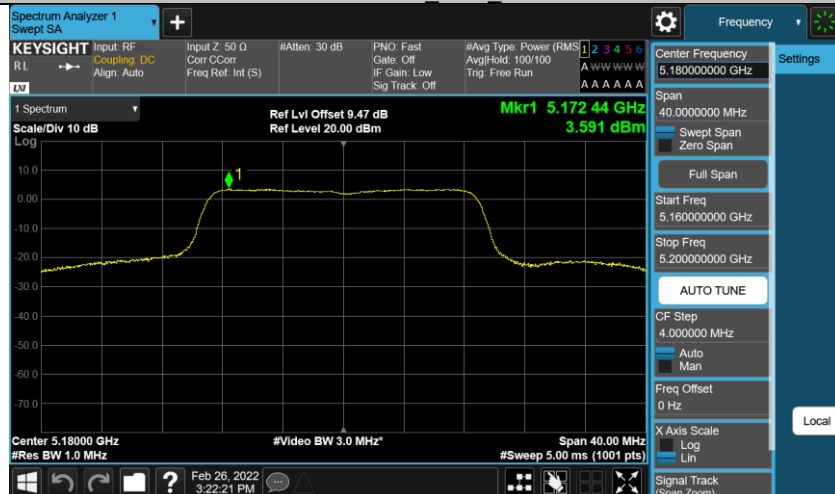
11A Ant1 5200



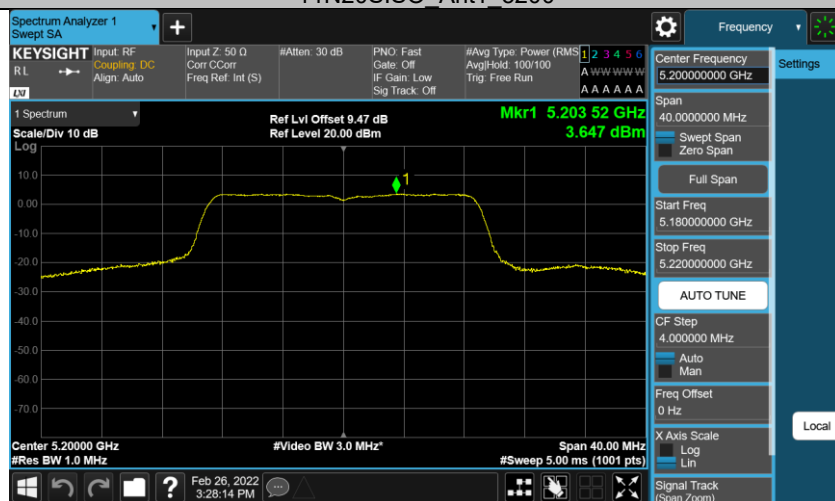
11A_Ant1_5240



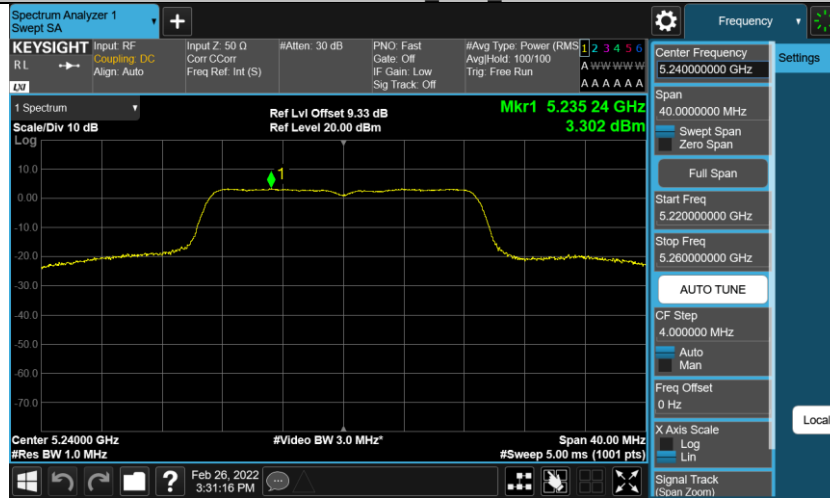
11N20SISO_Ant1_5180



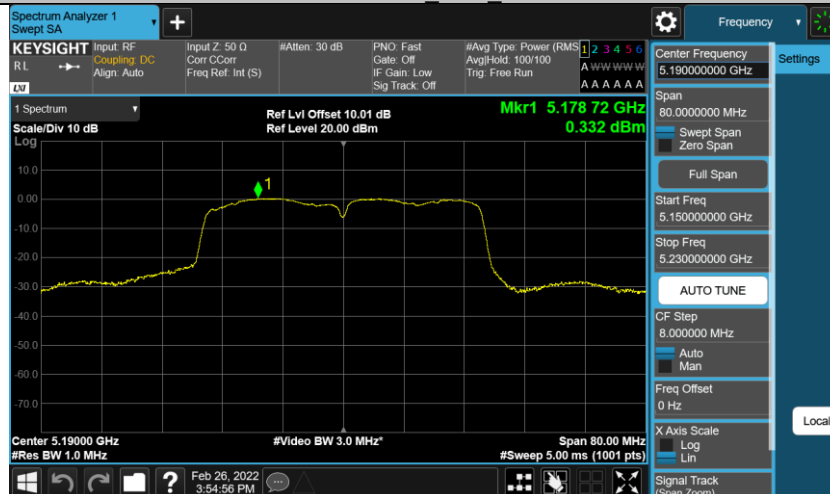
11N20SISO_Ant1_5200



11N20SISO Ant1 5240



11N40SISO Ant1 5190

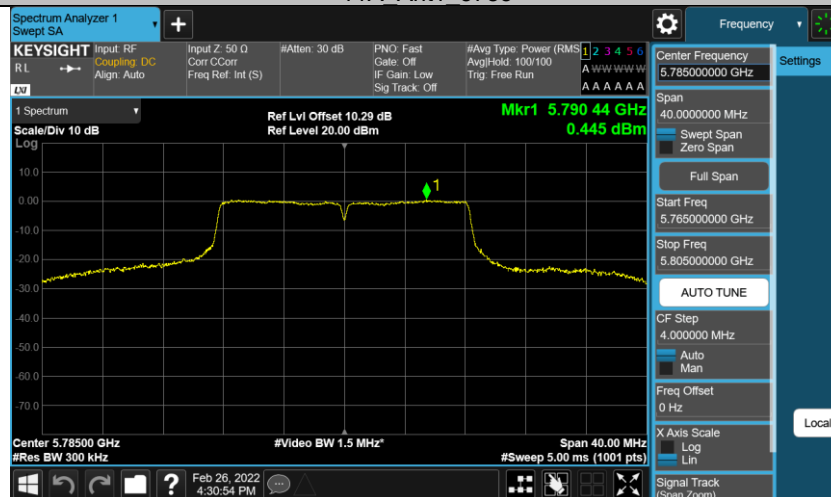
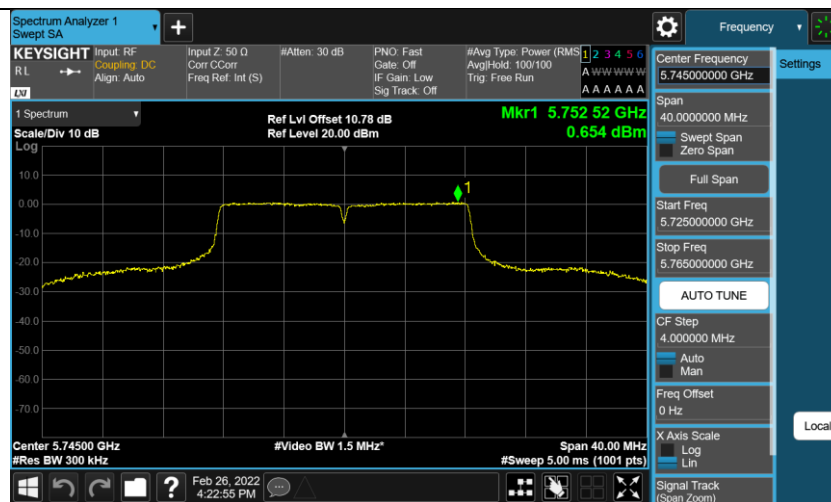


11N40SISO Ant1 5230



5.8GHz Wi-Fi

TestMode	Channel	Result [dBm/300KHz]	Converted to Result [dBm/500KHz]	Limit[dBm/500KHz]	Verdict
11A	5745	0.65	2.87	≤30.00	PASS
	5785	0.45	2.67	≤30.00	PASS
	5825	1.42	3.64	≤30.00	PASS
11N20SISO	5745	0.77	2.99	≤30.00	PASS
	5785	-0.12	2.10	≤30.00	PASS
	5825	0.86	3.08	≤30.00	PASS
11N40SISO	5755	-3.16	-0.94	≤30.00	PASS
	5795	-2.77	-0.55	≤30.00	PASS





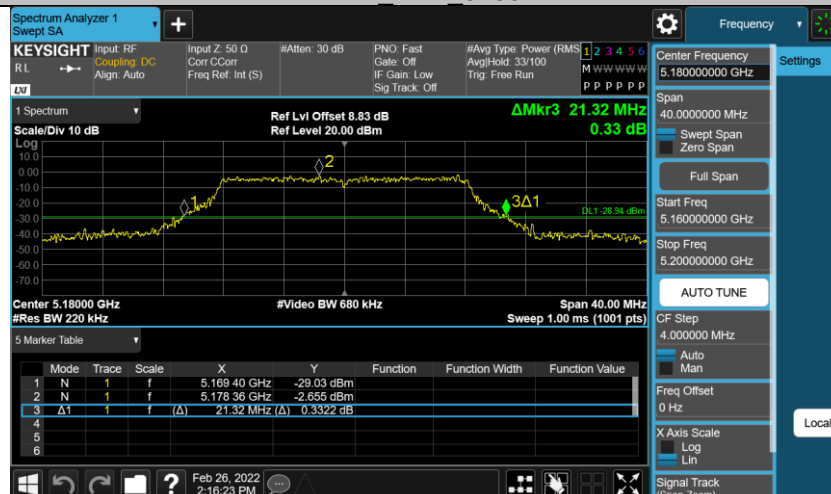


Appendix A.2: Test Results of 26dB Bandwidth

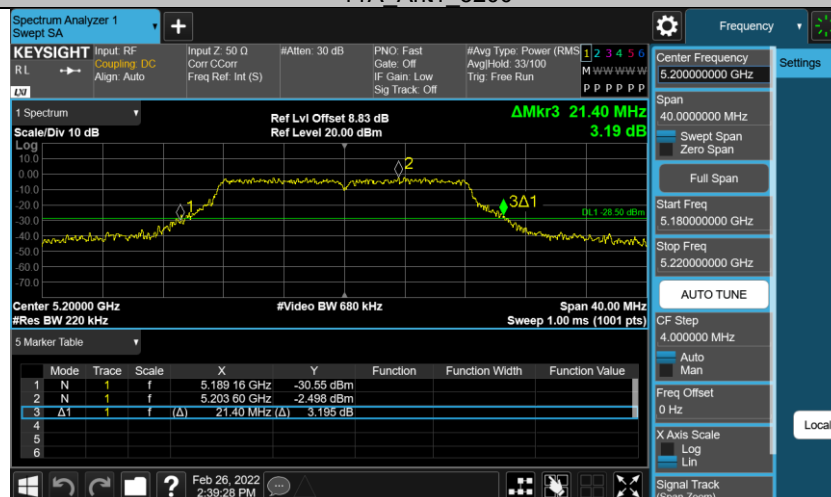
5.2GHz Wi-Fi

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.320	5169.400	5190.720	---	---
		5200	21.400	5189.160	5210.560	---	---
		5240	21.560	5229.240	5250.800	---	---
11N20SISO	Ant1	5180	21.440	5169.400	5190.840	---	---
		5200	21.760	5189.200	5210.960	---	---
		5240	21.560	5229.080	5250.640	---	---
11N40SISO	Ant1	5190	41.840	5169.040	5210.880	---	---
		5230	43.280	5208.400	5251.680	---	---

11A Ant1 5180



11A Ant1 5200



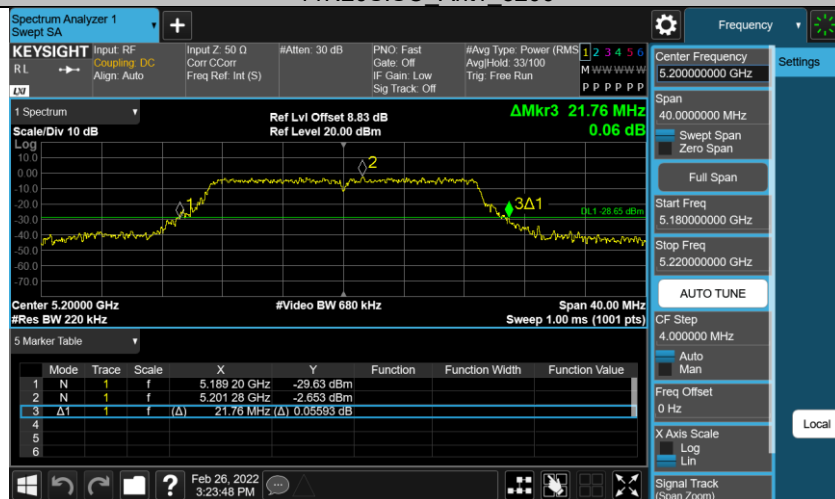
11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200

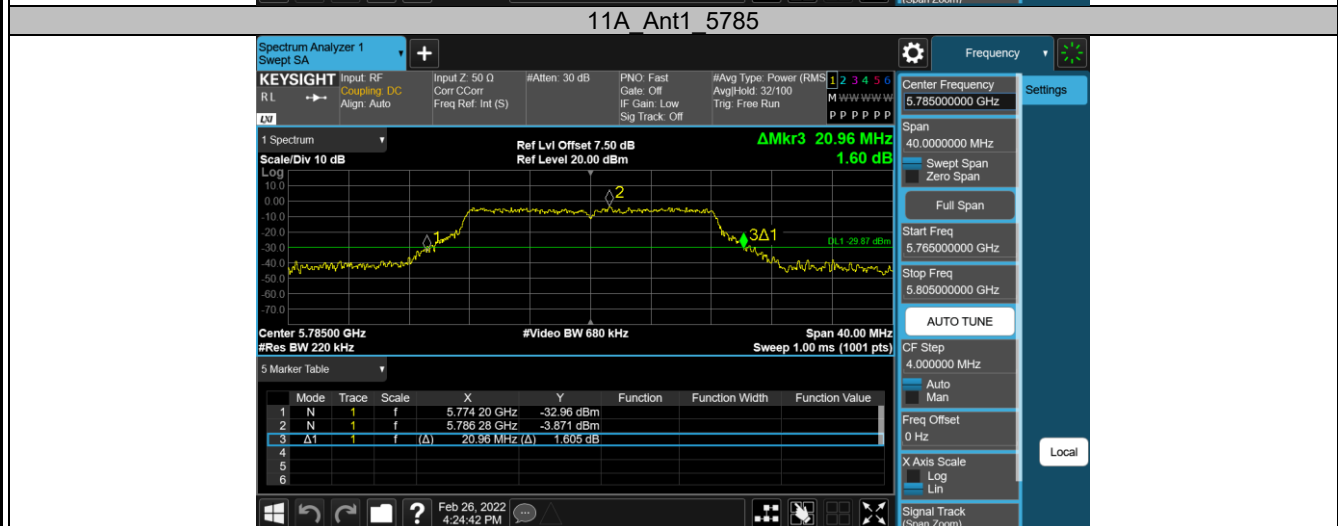
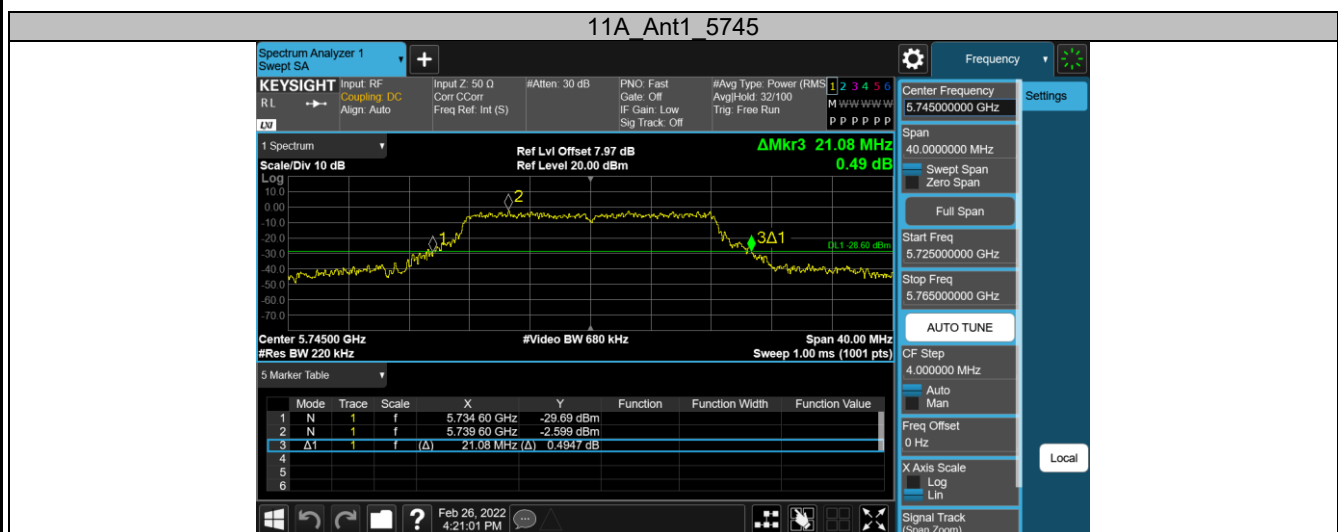




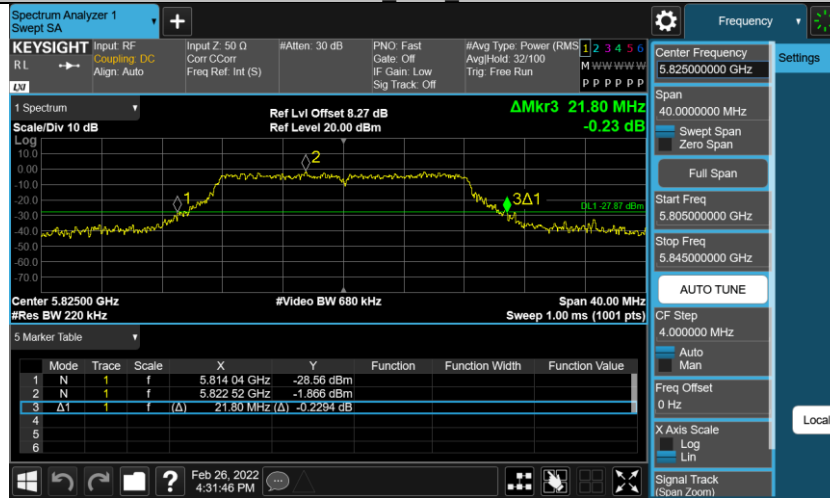
Prüfbericht - Produkte
Test Report - Products

5.8GHz Wi-Fi

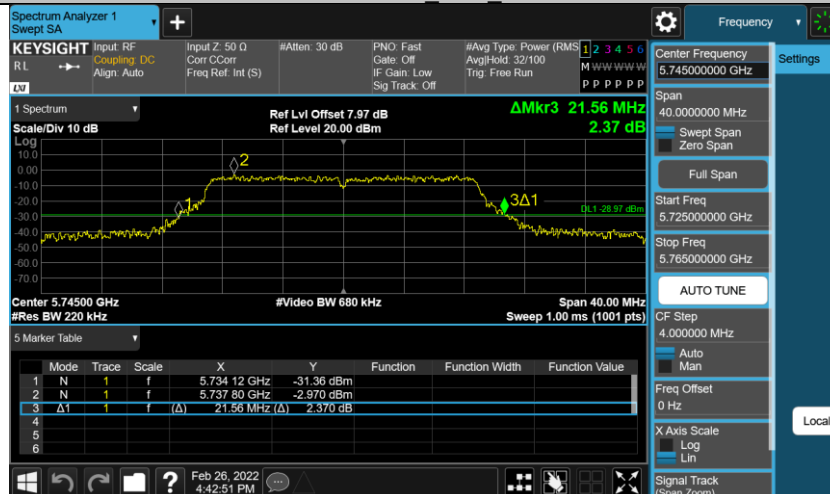
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	21.080	5734.600	5755.680	---	---
		5785	20.960	5774.200	5795.160	---	---
		5825	21.800	5814.040	5835.840	---	---
11N20SISO	Ant1	5745	21.560	5734.120	5755.680	---	---
		5785	21.200	5774.440	5795.640	---	---
		5825	21.440	5814.160	5835.600	---	---
11N40SISO	Ant1	5755	42.800	5733.480	5776.280	---	---
		5795	42.400	5773.240	5815.640	---	---



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785





Appendix A.3: Test Results of 99% Bandwidth

5.2GHz Wi-Fi

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.225	5171.387	5188.612	---	---
		5200	17.307	5191.339	5208.646	---	---
		5240	17.324	5231.347	5248.671	---	---
11N20SISO	Ant1	5180	18.190	5170.912	5189.102	---	---
		5200	18.275	5190.863	5209.138	---	---
		5240	18.329	5230.828	5249.157	---	---
11N40SISO	Ant1	5190	36.397	5171.825	5208.222	---	---
		5230	36.367	5211.833	5248.200	---	---

