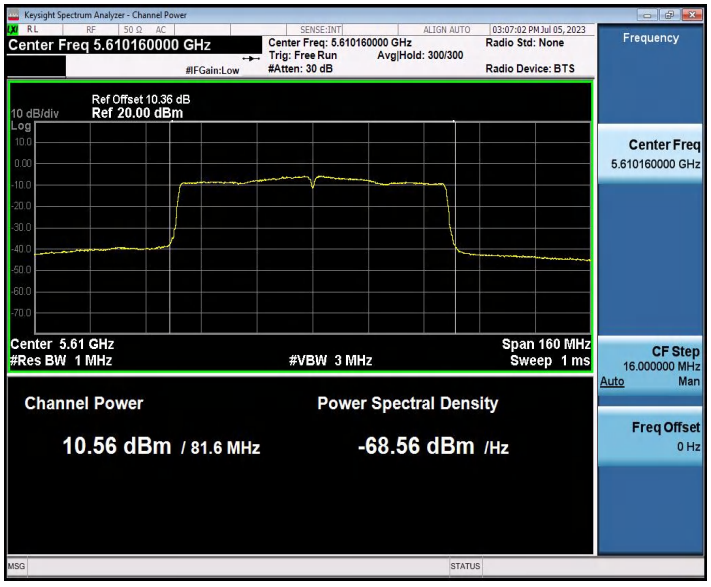
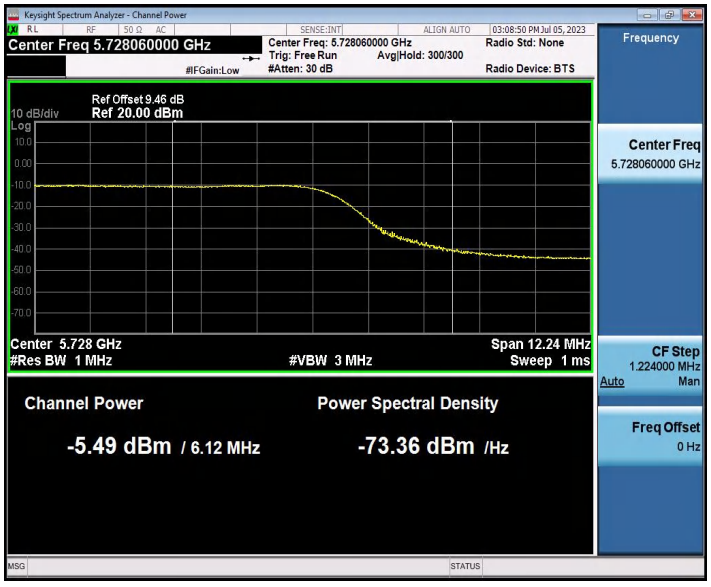
11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610

11AC80SISO_Ant1_5690_UNII-2C



11AC80SISO_Ant1_5690_UNII-3

11AC80SISO_Ant1_5775

Appendix B2: Maximum conducted output power

IC Test Result

Test Mode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	Power [dBm]	Limit [dBm]	EIRP [dBm]	Final EIRPLimit [dBm]	Verdict
11A	Ant1	5180	97.2	0.12	9.04	---	11.04	22.36	PASS
		5220	97.2	0.12	12.33	---	14.33	22.38	PASS
		5240	97.2	0.12	12.37	---	14.37	22.37	PASS
		5260	97.2	0.12	12.68	23.38	14.68	29.38	PASS
		5300	97.2	0.12	12.58	23.37	14.58	29.37	PASS
		5320	97.2	0.12	12.52	23.37	14.52	29.37	PASS
		5500	97.2	0.12	9.18	23.36	11.18	29.36	PASS
		5580	97.2	0.12	11.07	23.39	13.07	29.39	PASS
		5700	97.2	0.12	8.46	23.37	10.46	29.37	PASS
		5720_UNII-2C	97.2	0.12	9.27	22.33	11.27	28.33	PASS
		5720_UNII-3	97.2	0.12	2.05	30.00	4.05	---	PASS
		5745	97.2	0.12	15.65	30.00	17.65	---	PASS
		5785	97.2	0.12	15.61	30.00	17.61	---	PASS
		5825	97.2	0.12	15.73	30.00	17.73	---	PASS
11N20SISO	Ant1	5180	97.04	0.13	11	---	13	22.63	PASS
		5220	97.04	0.13	11.95	---	13.95	22.62	PASS
		5240	97.04	0.13	12	---	14	22.64	PASS
		5260	97.04	0.13	12.22	23.62	14.22	29.62	PASS
		5300	97.04	0.13	12.3	23.62	14.3	29.62	PASS
		5320	97.04	0.13	9.14	23.62	11.14	29.62	PASS
		5500	97.04	0.13	10.93	23.63	12.93	29.63	PASS
		5580	97.04	0.13	10.67	23.62	12.67	29.62	PASS
		5700	97.04	0.13	7.87	23.63	9.87	29.63	PASS
		5720_UNII-2C	97.04	0.13	8.73	22.47	10.73	28.47	PASS
		5720_UNII-3	97.04	0.13	2.02	30.00	4.02	---	PASS
		5745	97.04	0.13	15.11	30.00	17.11	---	PASS
		5785	97.04	0.13	15.27	30.00	17.27	---	PASS
		5825	97.04	0.13	15.48	30.00	17.48	---	PASS

11N40SISO	Ant1	5190	92.75	0.33	9.38	---	11.38	23.01	PASS
		5230	92.75	0.33	12.16	---	14.16	23.01	PASS
		5270	92.75	0.33	12.33	23.98	14.33	30.00	PASS
		5310	92.75	0.33	9.62	23.98	11.62	30.00	PASS
		5510	92.75	0.33	11	23.98	13	30.00	PASS
		5550	92.75	0.33	10.95	23.98	12.95	30.00	PASS
		5590	92.75	0.33	10.83	23.98	12.83	30.00	PASS
		5670	92.75	0.33	10.19	23.98	12.19	30.00	PASS
		5710_UNII-2C	92.75	0.33	9.75	23.98	11.75	30.00	PASS
		5710_UNII-3	92.75	0.33	-1.64	30.00	0.36	---	PASS
		5755	92.75	0.33	15.7	30.00	17.7	---	PASS
		5795	92.75	0.33	15.61	30.00	17.61	---	PASS
11AC20SISO	Ant1	5180	97.04	0.13	10.99	---	12.99	22.62	PASS
		5220	97.04	0.13	11.85	---	13.85	22.62	PASS
		5240	97.04	0.13	11.96	---	13.96	22.63	PASS
		5260	97.04	0.13	12.29	23.62	14.29	29.62	PASS
		5300	97.04	0.13	12.14	23.62	14.14	29.62	PASS
		5320	97.04	0.13	12.15	23.62	14.15	29.62	PASS
		5500	97.04	0.13	10.84	23.62	12.84	29.62	PASS
		5580	97.04	0.13	10.66	23.63	12.66	29.63	PASS
		5700	97.04	0.13	9.99	23.62	11.99	29.62	PASS
		5720_UNII-2C	97.04	0.13	8.76	22.49	10.76	28.49	PASS
		5720_UNII-3	97.04	0.13	2.05	30.00	4.05	---	PASS
		5745	97.04	0.13	15.25	30.00	17.25	---	PASS
		5785	97.04	0.13	15.34	30.00	17.34	---	PASS
		5825	97.04	0.13	15.56	30.00	17.56	---	PASS
11AC40SISO	Ant1	5190	92.86	0.32	11.15	---	13.15	23.01	PASS
		5230	92.86	0.32	11.97	---	13.97	23.01	PASS
		5270	92.86	0.32	12.39	23.98	14.39	30.00	PASS
		5310	92.86	0.32	12.34	23.98	14.34	30.00	PASS
		5510	92.86	0.32	11.08	23.98	13.08	30.00	PASS
		5550	92.86	0.32	10.95	23.98	12.95	30.00	PASS
		5590	92.86	0.32	10.8	23.98	12.8	30.00	PASS
		5670	92.86	0.32	10.13	23.98	12.13	30.00	PASS

		5710_UNII-2C	92.86	0.32	9.68	23.98	11.68	30.00	PASS
		5710_UNII-3	92.86	0.32	-1.67	30.00	0.33	---	PASS
		5755	92.86	0.32	15.7	30.00	17.7	---	PASS
		5795	92.86	0.32	15.63	30.00	17.63	---	PASS
11AC80SISO	Ant1	5210	88.89	0.51	11.17	---	13.17	23.01	PASS
		5290	88.89	0.51	9.48	23.98	11.48	30.00	PASS
		5530	88.89	0.51	9.39	23.98	11.39	30.00	PASS
		5610	88.89	0.51	10.56	23.98	12.56	30.00	PASS
		5690_UNII-2C	88.89	0.51	9.76	23.98	11.76	30.00	PASS
		5690_UNII-3	88.89	0.51	-5.49	30.00	-3.49	---	PASS
		5775	88.89	0.51	15.37	30.00	17.37	---	PASS

Appendix C: Maximum power spectral density

FCC Test Result

Test Mode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	PSD [dBm/MHz]	PSD [dBm/470KHz]	PSD [dBm/500KHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	97.2	0.12	-0.86	---	---	≤11.00	PASS
		5220	97.2	0.12	2.22	---	---	≤11.00	PASS
		5240	97.2	0.12	2.14	---	---	≤11.00	PASS
		5260	97.2	0.12	2.47	---	---	≤11.00	PASS
		5300	97.2	0.12	2.61	---	---	≤11.00	PASS
		5320	97.2	0.12	2.42	---	---	≤11.00	PASS
		5500	97.2	0.12	-0.92	---	---	≤11.00	PASS
		5580	97.2	0.12	0.99	---	---	≤11.00	PASS
		5700	97.2	0.12	-1.67	---	---	≤11.00	PASS
		5720_UNII-2C	97.2	0.12	0.05	---	---	≤11.00	PASS
		5720_UNII-3	97.2	0.12	---	-5.03	-4.76	≤30.00	PASS
		5745	97.2	0.12	---	2.55	2.82	≤30.00	PASS
		5785	97.2	0.12	---	2.38	2.65	≤30.00	PASS
		5825	97.2	0.12	---	2.68	2.95	≤30.00	PASS
11N20SISO	Ant1	5180	97.04	0.13	0.76	---	---	≤11.00	PASS

		5220	97.04	0.13	1.75	---	---	≤11.00	PASS
		5240	97.04	0.13	1.82	---	---	≤11.00	PASS
		5260	97.04	0.13	1.95	---	---	≤11.00	PASS
		5300	97.04	0.13	2.1	---	---	≤11.00	PASS
		5320	97.04	0.13	-1.28	---	---	≤11.00	PASS
		5500	97.04	0.13	0.43	---	---	≤11.00	PASS
		5580	97.04	0.13	0.26	---	---	≤11.00	PASS
		5700	97.04	0.13	-2.48	---	---	≤11.00	PASS
		5720_UNII-2C	97.04	0.13	-0.7	---	---	≤11.00	PASS
		5720_UNII-3	97.04	0.13	---	-5.74	-5.47	≤30.00	PASS
		5745	97.04	0.13	---	1.41	1.68	≤30.00	PASS
		5785	97.04	0.13	---	2.01	2.28	≤30.00	PASS
		5825	97.04	0.13	---	2.06	2.33	≤30.00	PASS
11N40SISO	Ant1	5190	92.75	0.33	-3.9	---	---	≤11.00	PASS
		5230	92.75	0.33	-1.13	---	---	≤11.00	PASS
		5270	92.75	0.33	-0.65	---	---	≤11.00	PASS
		5310	92.75	0.33	-3.71	---	---	≤11.00	PASS
		5510	92.75	0.33	-2.23	---	---	≤11.00	PASS
		5550	92.7	0.33	-2.41	---	---	≤11.00	PAS

			5						S
		5590	92.75	0.33	-2.4	---	---	≤11.00	PASS
		5670	92.75	0.33	-3.17	---	---	≤11.00	PASS
		5710_UNII-2C	92.75	0.33	-3.17	---	---	≤11.00	PASS
		5710_UNII-3	92.75	0.33	---	-8.43	-8.16	≤30.00	PASS
		5755	92.75	0.33	---	-0.61	-0.34	≤30.00	PASS
		5795	92.75	0.33	---	-0.7	-0.43	≤30.00	PASS
11AC20SISO	Ant1	5180	97.04	0.13	0.8	---	---	≤11.00	PASS
		5220	97.04	0.13	1.42	---	---	≤11.00	PASS
		5240	97.04	0.13	1.58	---	---	≤11.00	PASS
		5260	97.04	0.13	1.91	---	---	≤11.00	PASS
		5300	97.04	0.13	2.08	---	---	≤11.00	PASS
		5320	97.04	0.13	1.63	---	---	≤11.00	PASS
		5500	97.04	0.13	0.49	---	---	≤11.00	PASS
		5580	97.04	0.13	0.49	---	---	≤11.00	PASS
		5700	97.04	0.13	-0.25	---	---	≤11.00	PASS
		5720_UNII-2C	97.04	0.13	-0.76	---	---	≤11.00	PASS
		5720_UNII-3	97.04	0.13	---	-5.9	-5.63	≤30.00	PASS
		5745	97.04	0.13	---	1.99	2.26	≤30.00	PASS

		5785	97.04	0.13	---	2.06	2.33	≤30.00	PASS
		5825	97.04	0.13	---	2.12	2.39	≤30.00	PASS
11AC40SISO	Ant1	5190	92.86	0.32	-2.05	---	---	≤11.00	PASS
		5230	92.86	0.32	-1.26	---	---	≤11.00	PASS
		5270	92.86	0.32	-0.7	---	---	≤11.00	PASS
		5310	92.86	0.32	-0.89	---	---	≤11.00	PASS
		5510	92.86	0.32	-2.27	---	---	≤11.00	PASS
		5550	92.86	0.32	-2.66	---	---	≤11.00	PASS
		5590	92.86	0.32	-2.39	---	---	≤11.00	PASS
		5670	92.86	0.32	-3.36	---	---	≤11.00	PASS
		5710_UNII-2C	92.86	0.32	-3.32	---	---	≤11.00	PASS
		5710_UNII-3	92.86	0.32	---	-8.6	-8.33	≤30.00	PASS
		5755	92.86	0.32	---	-0.44	-0.17	≤30.00	PASS
		5795	92.86	0.32	---	-0.83	-0.56	≤30.00	PASS
11AC80SISO	Ant1	5210	88.89	0.51	-4.93	---	---	≤11.00	PASS
		5290	88.89	0.51	-6.68	---	---	≤11.00	PASS
		5530	88.89	0.51	-6.71	---	---	≤11.00	PASS
		5610	88.89	0.51	-5.67	---	---	≤11.00	PASS
		5690_UNII-	88.8	0.51	-6.02	---	---	≤11.00	PAS

		2C	9						S
		5690_UNII-3	88.89	0.51	---	-12.85	-12.58	≤30.00	PASS
		5775	88.89	0.51	---	-4.13	-3.86	≤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.

IC Test Result

Test Mode	Antenna	Channel	Duty Cycle [%]	Duty Cycle Factor(dB)	PSD [dBm/MHz]	PSD [dBm/470KHz]	PSD [dBm/500KHz]	Limit [dBm/MHz]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	97.2	0.12	-0.86	---	---	---	1.14	≤10	PASS
		5220	97.2	0.12	2.22	---	---	---	4.22	≤10	PASS
		5240	97.2	0.12	2.14	---	---	---	4.14	≤10	PASS
		5260	97.2	0.12	2.47	---	---	≤11	---	---	PASS
		5300	97.2	0.12	2.61	---	---	≤11	---	---	PASS
		5320	97.2	0.12	2.42	---	---	≤11	---	---	PASS
		5500	97.2	0.12	-0.92	---	---	≤11	---	---	PASS
		5580	97.2	0.12	0.99	---	---	≤11	---	---	PASS
		5700	97.2	0.12	-1.67	---	---	≤11	---	---	PASS
		5720_UNII-2C	97.2	0.12	0.05	---	---	≤11	---	---	PASS
		5720_UNII-3	97.2	0.12	---	-5.03	-4.76	≤30	---	---	PASS
		5745	97.	0.12	---	2.55	2.82	≤30	---	---	PAS

			2								S
		5785	97.2	0.12	---	2.38	2.65	≤30	---	---	PASS
		5825	97.2	0.12	---	2.68	2.95	≤30	---	---	PASS
11N20SISO	Ant1	5180	97.04	0.13	0.76	---	---	---	2.76	≤10	PASS
		5220	97.04	0.13	1.75	---	---	---	3.75	≤10	PASS
		5240	97.04	0.13	1.82	---	---	---	3.82	≤10	PASS
		5260	97.04	0.13	1.95	---	---	≤11	---	---	PASS
		5300	97.04	0.13	2.1	---	---	≤11	---	---	PASS
		5320	97.04	0.13	-1.28	---	---	≤11	---	---	PASS
		5500	97.04	0.13	0.43	---	---	≤11	---	---	PASS
		5580	97.04	0.13	0.26	---	---	≤11	---	---	PASS
		5700	97.04	0.13	-2.48	---	---	≤11	---	---	PASS
		5720_UNII-2C	97.04	0.13	-0.7	---	---	≤11	---	---	PASS
		5720_UNII-3	97.04	0.13	---	-5.74	-5.47	≤30	---	---	PASS
		5745	97.04	0.13	---	1.41	1.68	≤30	---	---	PASS
		5785	97.04	0.13	---	2.01	2.28	≤30	---	---	PASS
		5825	97.04	0.13	---	2.06	2.33	≤30	---	---	PASS
11N40SISO	Ant1	5190	92.75	0.33	-3.9	---	---	---	-1.9	≤10	PASS
		5230	92.75	0.33	-1.13	---	---	---	0.87	≤10	PASS

		5270	92.75	0.33	-0.65	---	---	≤11	---	---	PASS
		5310	92.75	0.33	-3.71	---	---	≤11	---	---	PASS
		5510	92.75	0.33	-2.23	---	---	≤11	---	---	PASS
		5550	92.75	0.33	-2.41	---	---	≤11	---	---	PASS
		5590	92.75	0.33	-2.4	---	---	≤11	---	---	PASS
		5670	92.75	0.33	-3.17	---	---	≤11	---	---	PASS
		5710_UNII-2C	92.75	0.33	-3.17	---	---	≤11	---	---	PASS
		5710_UNII-3	92.75	0.33	---	-8.43	-8.16	≤30	---	---	PASS
		5755	92.75	0.33	---	-0.61	-0.34	≤30	---	---	PASS
		5795	92.75	0.33	---	-0.7	-0.43	≤30	---	---	PASS
11AC20 SISO	Ant1	5180	97.04	0.13	0.8	---	---	---	2.8	≤10	PASS
		5220	97.04	0.13	1.42	---	---	---	3.42	≤10	PASS
		5240	97.04	0.13	1.58	---	---	---	3.58	≤10	PASS
		5260	97.04	0.13	1.91	---	---	≤11	---	---	PASS
		5300	97.04	0.13	2.08	---	---	≤11	---	---	PASS
		5320	97.04	0.13	1.63	---	---	≤11	---	---	PASS
		5500	97.04	0.13	0.49	---	---	≤11	---	---	PASS
		5580	97.04	0.13	0.49	---	---	≤11	---	---	PASS
		5700	97.	0.13	-0.25	---	---	≤11	---	---	PAS

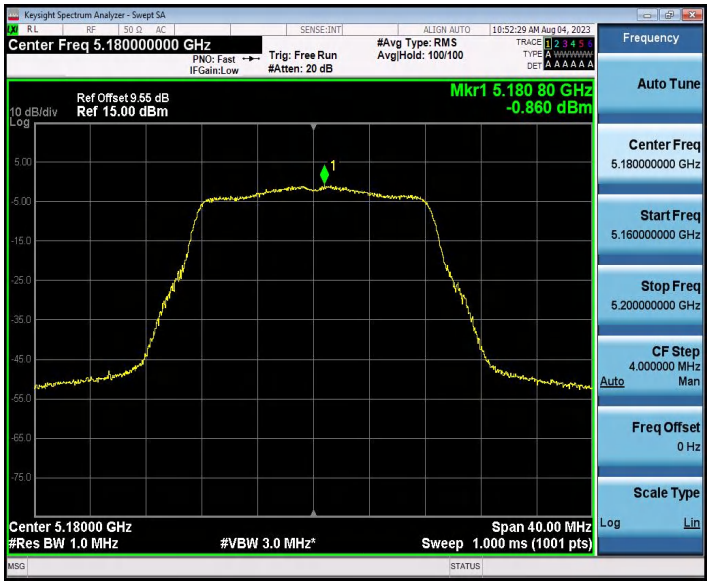
			04								S
		5720_UNII-2C	97.04	0.13	-0.76	---					
		5720_UNII-3	97.04	0.13	---	-5.9					
		5745	97.04	0.13	---	1.99	2.26	≤30	---	---	PASS
		5785	97.04	0.13	---	2.06	2.33	≤30	---	---	PASS
		5825	97.04	0.13	---	2.12	2.39	≤30	---	---	PASS
11AC40 SISO	Ant1	5190	92.86	0.32	-2.05	---	---	---	-0.05	≤10	PASS
		5230	92.86	0.32	-1.26	---	---	---	0.74	≤10	PASS
		5270	92.86	0.32	-0.7	---	---	≤11	---	---	PASS
		5310	92.86	0.32	-0.89	---	---	≤11	---	---	PASS
		5510	92.86	0.32	-2.27	---	---	≤11	---	---	PASS
		5550	92.86	0.32	-2.66	---	---	≤11	---	---	PASS
		5590	92.86	0.32	-2.39	---	---	≤11	---	---	PASS
		5670	92.86	0.32	-3.36	---					
		5710_UNII-2C	92.86	0.32	-3.32	---					
		5710_UNII-3	92.86	0.32	---	-8.6					
		5755	92.86	0.32	---	-0.44	-0.17	≤30	---	---	PASS
		5795	92.86	0.32	---	-0.83	-0.56	≤30	---	---	PASS
11AC80 SISO	Ant1	5210	88.89	0.51	-4.93	---	---	---	-2.93	≤10	PASS

		5290	88.89	0.51	-6.68	---	---	≤11	---	---	PASS
		5530	88.89	0.51	-6.71	---	---	≤11	---	---	PASS
		5610	88.89	0.51	-5.67	---	---	≤11	---	---	PASS
		5690_UNII-2C	88.89	0.51	-6.02	---	---	≤11	---	---	PASS
		5690_UNII-3	88.89	0.51	---	-12.85	-12.58	≤30	---	---	PASS
		5775	88.89	0.51	---	-4.13	-3.86	≤30	---	---	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.

Test Graphs



11A_Ant1_5180

11A_Ant1_5220

11A_Ant1_5240

11A_Ant1_5260

11A_Ant1_5300

11A_Ant1_5320

11A_Ant1_5500

11A_Ant1_5580

11A_Ant1_5700

11A_Ant1_5720_UNII-2C

11A_Ant1_5720_UNII-3

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20MIMO_Ant1_5180

11N20MIMO_Ant1_5220

11N20MIMO_Ant1_5240

11N20MIMO_Ant1_5260

11N20MIMO_Ant1_5300

11N20MIMO_Ant1_5320

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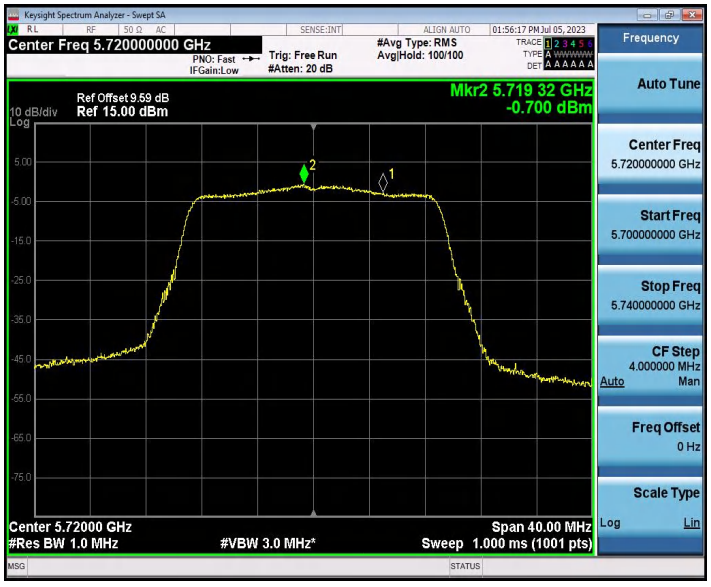
11N20MIMO_Ant1_5580

11N20MIMO_Ant1_5700



11N20MIMO_Ant1_5720_UNII-2C

11N20MIMO_Ant1_5720_UNII-3

11N20MIMO_Ant1_5745

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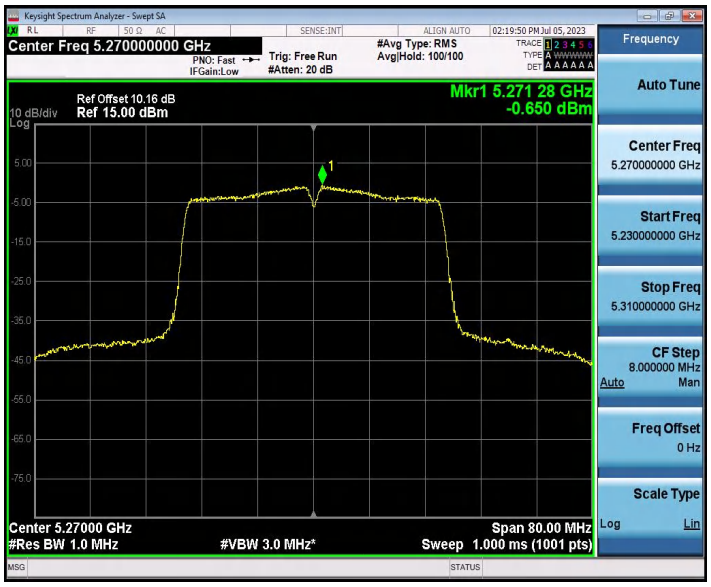

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11N40MIMO_Ant1_5310

11N40MIMO_Ant1_5510

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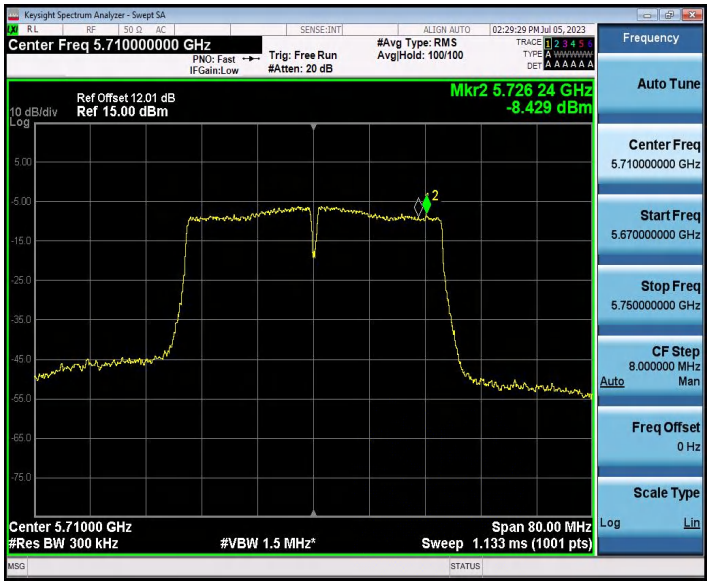

11N40MIMO_Ant1_5710_UNII-3

11N40MIMO_Ant1_5755

11N40MIMO_Ant1_5795

11AC20MIMO_Ant1_5180

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11AC20MIMO_Ant1_5240

11AC20MIMO_Ant1_5260

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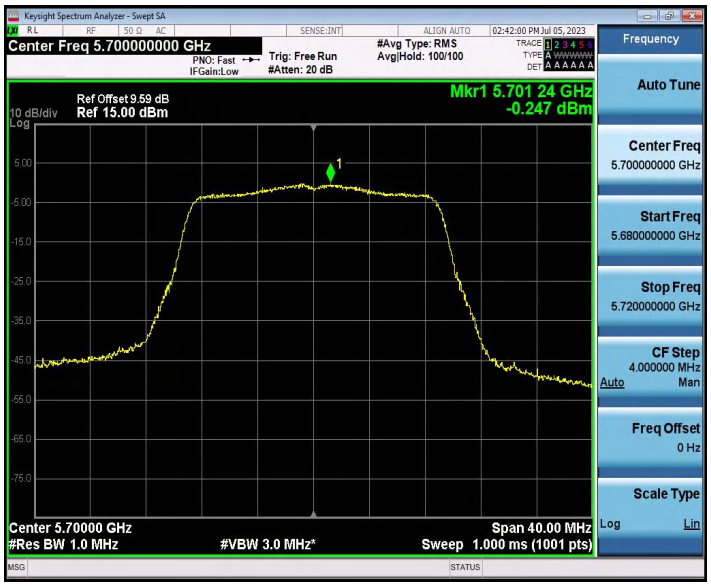

11AC20MIMO_Ant1_5700

11AC20MIMO_Ant1_5720_UNII-2C

11AC20MIMO_Ant1_5720_UNII-3

11AC20MIMO_Ant1_5745