Appendix B: Test Results of 5GHz Wi-Fi

Appendix B.1: Test Results of Maximum Conducted output power

U-NII-1: 5150-5250MHz

Test Mode	Test Frequency (MHz)	Measured Conduted Power [dBm]				Limit[dBm]	Verdict
		Ant1	Ant2	Ant3	MIMO		
802.11A	5180	20.42	20.46	20.13	/	30.0	Pass
	5200	20.64	20.43	21.24	/	30.0	Pass
	5240	20.98	19.74	21.06	/	30.0	Pass
802.11N20	5180	18.10	18.11	19.09	23.23	26.2*	Pass
	5200	18.18	18.15	19.04	23.25	26.2*	Pass
	5240	18.02	18.73	19.11	23.41	26.2*	Pass
802.11N40	5190	17.95	17.78	17.55	22.53	26.2*	Pass
	5230	20.48	19.78	21.33	25.35	26.2*	Pass
802.11AC20	5180	18.14	18.09	18.88	23.08	26.2*	Pass
	5200	18.16	18.30	18.83	23.21	26.2*	Pass
	5240	18.71	18.01	19.00	23.36	26.2*	Pass
802.11AC40	5190	17.80	17.92	17.59	22.54	26.2*	Pass
	5230	20.50	19.72	21.50	25.41	26.2*	Pass
802.11AC80	5210	15.21	15.15	15.23	19.97	26.2*	Pass
802.11AX20	5180	18.29	18.28	19.29	23.42	26.2*	Pass
	5200	18.31	18.49	19.28	23.49	26.2*	Pass
	5240	19.07	18.13	19.56	23.73	26.2*	Pass
802.11AX40	5190	18.14	17.99	17.70	22.72	26.2*	Pass
	5230	20.77	20.12	21.51	25.61	26.2*	Pass
802.11AX80	5210	15.85	15.55	15.45	20.39	26.2*	Pass

This device is an indoor access point.
The WLAN 5GHz 802.11n/802.11ac/802.11ax support beamforming Function, and the directional gain is 9.8dBi for MIMO mode, thus the power limit should be reduced to 26.2dBm.

U-NII-2A and U-NII-2C: 5250-5350MHz and 5470-5825MHz

Test Mode	Test Frequency (MHz)	Measured Conduted Power [dBm]				Limit[dBm]	Verdict
		Ant1	Ant2	Ant3	MIMO		
11A	5260	15.22	14.93	16.60	/	24.0	Pass
	5280	14.96	15.35	16.74	/	24.0	Pass
	5320	14.97	14.52	16.33	/	24.0	Pass
	5500	15.33	16.12	16.29	/	24.0	Pass
	5580	15.21	16.44	16.65	/	24.0	Pass
	5700	14.63	15.17	15.59	/	24.0	Pass
	5720	16.59	16.49	16.10	/	24.0	Pass
11N20	5260	11.74	11.78	13.20	17.07	20.2*	Pass
	5280	11.85	12.04	13.15	17.16	20.2*	Pass
	5320	11.41	11.25	12.86	16.67	20.2*	Pass
	5500	11.27	12.58	12.61	16.97	20.2*	Pass
	5580	11.65	12.61	12.61	17.08	20.2*	Pass
	5700	11.13	12.06	12.30	16.63	20.2*	Pass
	5720	11.30	11.67	12.39	16.58	20.2*	Pass
11N40	5270	11.77	11.77	13.05	17.01	20.2*	Pass
	5310	11.51	11.55	12.82	16.78	20.2*	Pass
	5510	11.66	12.79	12.61	17.15	20.2*	Pass
	5550	11.95	12.96	12.18	17.16	20.2*	Pass
	5670	11.72	12.23	12.60	16.97	20.2*	Pass
	5710	11.43	11.89	12.12	16.59	20.2*	Pass
11AC20	5260	11.75	11.68	12.77	16.87	20.2*	Pass
	5280	11.75	11.84	12.98	17.00	20.2*	Pass
	5320	11.28	11.03	12.48	16.42	20.2*	Pass
	5500	11.86	12.39	12.48	17.02	20.2*	Pass
	5580	12.03	12.25	12.07	16.89	20.2*	Pass
	5700	11.17	11.56	11.80	16.29	20.2*	Pass
	5720	11.28	11.80	12.20	16.55	20.2*	Pass
11AC40	5270	12.03	12.15	12.75	17.09	20.2*	Pass
	5310	11.72	11.91	12.86	16.96	20.2*	Pass
	5510	11.72	12.65	12.56	17.10	20.2*	Pass
	5550	11.54	12.52	12.71	17.06	20.2*	Pass
	5670	11.67	12.23	12.49	16.91	20.2*	Pass
	5710	11.23	11.88	11.96	16.47	20.2*	Pass
11AC80	5290	11.74	12.36	12.70	17.06	20.2*	Pass
	5530	12.07	12.39	12.57	17.12	20.2*	Pass
	5610	11.58	12.48	12.68	17.04	20.2*	Pass
	5690	11.61	12.22	12.26	16.81	20.2*	Pass
11AC160	5250	12.86	10.95	12.36	16.90	20.2*	Pass
	5570	12.67	11.61	12.48	17.05	20.2*	Pass
11AX20	5260	11.43	11.50	12.61	16.43	20.2*	Pass
	5280	11.99	12.15	12.52	17.00	20.2*	Pass
	5320	11.53	11.39	12.88	16.76	20.2*	Pass
	5500	11.51	12.09	12.29	16.75	20.2*	Pass
	5580	11.66	12.71	12.69	17.15	20.2*	Pass
	5700	11.48	12.00	11.91	16.57	20.2*	Pass
	5720	11.46	11.98	12.24	16.74	20.2*	Pass
11AX40	5270	11.81	12.09	13.11	17.14	20.2*	Pass
	5310	12.27	12.14	12.52	17.08	20.2*	Pass
	5510	11.41	12.39	12.79	17.01	20.2*	Pass

	5550	11.77	12.56	13.67	17.12	20.2*	Pass
	5670	11.61	12.17	12.30	16.81	20.2*	Pass
	5710	11.60	12.07	12.28	16.76	20.2*	Pass
11AX80	5290	12.26	12.30	12.61	17.16	20.2*	Pass
	5530	11.45	12.44	12.50	16.93	20.2*	Pass
	5610	11.68	12.01	11.93	16.65	20.2*	Pass
	5690	11.94	12.31	12.00	16.86	20.2*	Pass
11AX160	5250	11.37	11.23	12.34	16.45	20.2*	Pass
	5570	11.46	12.21	12.22	16.75	20.2*	Pass

*The WLAN 5GHz 802.11n/802.11ac/802.11ax support beamforming Function, and the directional gain is 9.8dBi for MIMO mode, thus the power limit should be reduced to 20.2dBm.
The Duty Cycle Factor is compensated in the tables.
A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW(27dBm).

U-NII-3: 5725-5850MHz

Test Mode	Test Frequency (MHz)	Measured Conduted Power [dBm]				Limit[dBm]	Verdict
		Ant1	Ant2	Ant3	MIMO		
802.11A	5745	19.87	19.18	20.73	/	30	Pass
	5785	20.06	20.00	20.57	/	30	Pass
	5825	20.67	20.07	20.70	/	30	Pass
802.11N20	5745	19.80	20.09	20.34	24.85	26.2*	Pass
	5785	20.12	20.14	20.40	24.99	26.2*	Pass
	5825	20.62	20.19	20.69	25.28	26.2*	Pass
802.11N40	5755	20.30	20.47	20.71	25.27	26.2*	Pass
	5795	19.45	19.84	20.14	24.59	26.2*	Pass
802.11AC20	5745	19.61	20.14	20.24	24.78	26.2*	Pass
	5785	20.09	20.02	20.33	24.92	26.2*	Pass
	5825	20.66	20.22	20.71	25.31	26.2*	Pass
802.11AC40	5745	20.19	20.52	20.63	25.22	26.2*	Pass
	5785	19.76	20.08	20.31	24.83	26.2*	Pass
802.11AC80	5775	17.78	17.93	17.78	22.60	26.2*	Pass
802.11AX20	5745	20.01	20.27	20.55	25.05	26.2*	Pass
	5785	20.34	20.15	20.52	25.11	26.2*	Pass
	5825	20.73	20.36	20.79	25.40	26.2*	Pass
802.11AX40	5745	20.30	20.58	20.94	25.39	26.2*	Pass
	5785	20.05	20.26	20.59	25.08	26.2*	Pass
802.11AX80	5775	18.23	18.45	18.05	23.02	26.2*	Pass

*The WLAN 5GHz 802.11n/802.11ac/802.11ax support beamforming Function, and the directional gain is 9.8dBi for MIMO mode, thus the power limit should be reduced to 26.2dBm.
The Duty Cycle Factor is compensated in the tables.

Appendix B.2: Test Results of Conducted Power Spectral Density

U-NII-1, U-NII-2A, U-NII-2C and U-NII-3

TestMode	Antenna	Channel	Result [dBm/MHz for U-NII-1, UNII-2A and U-NII-2C; dBm/500KHz for U-NII-3]	Limit[dBm/MHz for U-NII-1, UNII-2A and U-NII-2C; dBm/500KHz for U-NII-3]	Verdict
802.11A	Ant1	5180	10.3	17.0	PASS
	Ant2	5180	11.18	17.0	PASS
	Ant3	5180	10.3	17.0	PASS
	total	/	/	/	/
	Ant1	5200	10.81	17.0	PASS
	Ant2	5200	10.23	17.0	PASS
	Ant3	5200	9.95	17.0	PASS
	total	/	/	/	/
	Ant1	5240	10.29	17.0	PASS
	Ant2	5240	9.25	17.0	PASS
	Ant3	5240	9.98	17.0	PASS
	total	/	/	/	/
	Ant1	5260	6.46	11.0	PASS
	Ant2	5260	4.43	11.0	PASS
	Ant3	5260	4.79	11.0	PASS
	total	/	/	/	/
	Ant1	5280	6.56	11.0	PASS
	Ant2	5280	6.12	11.0	PASS
	Ant3	5280	4.73	11.0	PASS
	total	/	/	/	/
	Ant1	5320	6.44	11.0	PASS
	Ant2	5320	4.21	11.0	PASS
	Ant3	5320	4.92	11.0	PASS
	total	/	/	/	/
	Ant1	5500	6.67	11.0	PASS
	Ant2	5500	6.98	11.0	PASS
	Ant3	5500	6.36	11.0	PASS
	total	/	/	/	/
	Ant1	5580	6.98	11.0	PASS
	Ant2	5580	6.75	11.0	PASS
	Ant3	5580	5.71	11.0	PASS
	total	/	/	/	/
	Ant1	5700	7.13	11.0	PASS
	Ant2	5700	6.52	11.0	PASS
	Ant3	5700	5.66	11.0	PASS
	total	/	/	/	/
	Ant1	5720_UNII-2C	6.02	11.0	PASS
	Ant2	5720_UNII-2C	7.94	11.0	FAIL
	Ant3	5720_UNII-2C	6.61	11.0	PASS
	total	/	/	/	/
	Ant1	5720_UNII-3	1.84	30.0	PASS
	Ant2	5720_UNII-3	3.02	30.0	PASS
	Ant3	5720_UNII-3	2.51	30.0	PASS
	total	/	/	/	/
	Ant1	5745	11.01	30.0	PASS
	Ant2	5745	9.91	30.0	PASS
	Ant3	5745	8.97	30.0	PASS
	total	/	/	/	/
	Ant1	5785	10.44	30.0	PASS
	Ant2	5785	9.84	30.0	PASS
	Ant3	5785	9.68	30.0	PASS
	total	/	/	/	/
	Ant1	5825	9.67	30.0	PASS
	Ant2	5825	9.29	30.0	PASS

	Ant3	5825	9.89	30.0	PASS
	total	/	/	/	/
802.11N20	Ant1	5180	8.53	17.0	PASS
	Ant2	5180	7.93	17.0	PASS
	Ant3	5180	7.58	17.0	PASS
	total	5180	12.80	13.2*	PASS
	Ant1	5200	8.54	17.0	PASS
	Ant2	5200	7.76	17.0	PASS
	Ant3	5200	7.23	17.0	PASS
	total	5200	12.65	13.2*	PASS
	Ant1	5240	8.55	17.0	PASS
	Ant2	5240	7.71	17.0	PASS
	Ant3	5240	7.51	17.0	PASS
	total	5240	12.72	13.2*	PASS
	Ant1	5260	2.2	11.00	PASS
	Ant2	5260	0.78	11.00	PASS
	Ant3	5260	-0.54	11.00	PASS
	total	5260	5.73	7.20*	PASS
	Ant1	5280	2.23	11.00	PASS
	Ant2	5280	2.09	11.00	PASS
	Ant3	5280	1.11	11.00	PASS
	total	5280	6.61	7.20*	PASS
	Ant1	5320	2.59	11.00	PASS
	Ant2	5320	0.94	11.00	PASS
	Ant3	5320	1.06	11.00	PASS
	total	5320	6.37	7.20*	PASS
	Ant1	5500	2.66	11.00	PASS
	Ant2	5500	2.99	11.00	PASS
	Ant3	5500	1.41	11.00	PASS
	total	5500	7.18	7.20*	PASS
	Ant1	5580	1.69	11.00	PASS
	Ant2	5580	2.78	11.00	PASS
	Ant3	5580	0.56	11.00	PASS
	total	5580	6.54	7.20*	PASS
	Ant1	5700	10.94	11.00	PASS
	Ant2	5700	2.74	11.00	PASS
	Ant3	5700	1.16	11.00	PASS
	total	5700	7.09	7.20*	PASS
	Ant1	5720_UNII-2C	2.48	11.00	PASS
	Ant2	5720_UNII-2C	2.49	11.00	PASS
	Ant3	5720_UNII-2C	1.43	11.00	PASS
	total	5720_UNII-2C	6.93	7.20*	PASS
	Ant1	5720_UNII-3	0.10	30.00	PASS
	Ant2	5720_UNII-3	-0.38	30.00	PASS
	Ant3	5720_UNII-3	-0.22	30.00	PASS
	total	5720_UNII-3	4.61	26.20*	PASS
	Ant1	5745	9.62	30.00	PASS
	Ant2	5745	9.84	30.00	PASS
	Ant3	5745	8.87	30.00	PASS
	total	5745	14.23	26.20*	PASS
	Ant1	5785	10	30.00	PASS
	Ant2	5785	10.53	30.00	PASS
	Ant3	5785	10.14	30.00	PASS
	total	5785	15	26.20*	PASS
	Ant1	5825	9.81	30.00	PASS
	Ant2	5825	8.87	30.00	PASS
	Ant3	5825	9.41	30.00	PASS
	total	5825	14.15	26.20*	PASS
11N40MIMO	Ant1	5190	5.63	17.0	PASS
	Ant2	5190	5.58	17.0	PASS
	Ant3	5190	4.81	17.0	PASS
	total	5190	10.13	13.2*	PASS
	Ant1	5230	8.39	17.0	PASS

	Ant2	5230	7.86	17.0	PASS
	Ant3	5230	7.66	17.0	PASS
	total	5230	12.75	13.2*	PASS
	Ant1	5270	0.9	11.00	PASS
	Ant2	5270	-1.19	11.00	PASS
	Ant3	5270	-1.34	11.00	PASS
	total	5270	4.35	7.20*	PASS
	Ant1	5310	-0.24	11.00	PASS
	Ant2	5310	-1.16	11.00	PASS
	Ant3	5310	-1.98	11.00	PASS
	total	5310	3.70	7.20*	PASS
	Ant1	5510	0.13	11.00	PASS
	Ant2	5510	1.65	11.00	PASS
	Ant3	5510	-1.94	11.00	PASS
	total	5510	4.96	7.20*	PASS
	Ant1	5550	0.59	11.00	PASS
	Ant2	5550	0.93	11.00	PASS
	Ant3	5550	-0.2	11.00	PASS
	total	5550	5.24	7.20*	PASS
	Ant1	5670	-0.25	11.00	PASS
	Ant2	5670	0.23	11.00	PASS
	Ant3	5670	-0.4	11.00	PASS
	total	5670	4.64	7.20*	PASS
	Ant1	5710_UNII-2C	-0.28	11.00	PASS
	Ant2	5710_UNII-2C	1.2	11.00	PASS
	Ant3	5710_UNII-2C	-0.29	11.00	PASS
	total	5710_UNII-2C	5.04	7.20*	PASS
	Ant1	5710_UNII-3	-3.59	30.00	PASS
	Ant2	5710_UNII-3	-4.42	30.00	PASS
	Ant3	5710_UNII-3	-6.13	30.00	PASS
	total	5710_UNII-3	0.18	26.20*	PASS
	Ant1	5755	8.48	30.00	PASS
	Ant2	5755	8.57	30.00	PASS
	Ant3	5755	9.16	30.00	PASS
	total	5755	13.51	26.20*	PASS
	Ant1	5795	7.45	30.00	PASS
	Ant2	5795	8.01	30.00	PASS
	Ant3	5795	6.37	30.00	PASS
	total	5795	12.1	26.20*	PASS
802.11AC20	Ant1	5180	8.29	17.0	PASS
	Ant2	5180	8.13	17.0	PASS
	Ant3	5180	7.7	17.0	PASS
	total	5180	12.82	13.2*	PASS
	Ant1	5200	8.1	17.0	PASS
	Ant2	5200	8.34	17.0	PASS
	Ant3	5200	7.57	17.0	PASS
	total	5200	12.79	13.2*	PASS
	Ant1	5240	8.33	17.0	PASS
	Ant2	5240	7.55	17.0	PASS
	Ant3	5240	7.63	17.0	PASS
	total	5240	12.62	13.2*	PASS
	Ant1	5260	2.45	11.00	PASS
	Ant2	5260	0.51	11.00	PASS
	Ant3	5260	1.53	11.00	PASS
	total	5260	6.34	7.20*	PASS
	Ant1	5280	2.58	11.00	PASS
	Ant2	5280	1.73	11.00	PASS
	Ant3	5280	1.51	11.00	PASS
	total	5280	6.74	7.20*	PASS
	Ant1	5320	2.27	11.00	PASS
	Ant2	5320	1.18	11.00	PASS
	Ant3	5320	1.18	11.00	PASS
	total	5320	6.35	7.20*	PASS

	Ant1	5500	2.27	11.00	PASS
	Ant2	5500	2.2	11.00	PASS
	Ant3	5500	2.01	11.00	PASS
	total	5500	6.93	7.20*	PASS
	Ant1	5580	1.52	11.00	PASS
	Ant2	5580	3.73	11.00	PASS
	Ant3	5580	1.34	11.00	PASS
	total	5580	7.11	7.20*	PASS
	Ant1	5700	2.24	11.00	PASS
	Ant2	5700	2.76	11.00	PASS
	Ant3	5700	2	11.00	PASS
	total	5700	7.12	7.20*	PASS
	Ant1	5720_UNII-2C	2.58	11.00	PASS
	Ant2	5720_UNII-2C	2.78	11.00	PASS
	Ant3	5720_UNII-2C	1.31	11.00	PASS
	total	5720_UNII-2C	7.04	7.20*	PASS
	Ant1	5720_UNII-3	0.34	30.00	PASS
	Ant2	5720_UNII-3	0.33	30.00	PASS
	Ant3	5720_UNII-3	-0.86	30.00	PASS
	total	5720_UNII-3	4.74	26.20*	PASS
	Ant1	5745	9.42	30.00	PASS
	Ant2	5745	9.4	30.00	PASS
	Ant3	5745	8.46	30.00	PASS
	total	5745	13.89	26.20*	PASS
	Ant1	5785	10.21	30.00	PASS
	Ant2	5785	9.96	30.00	PASS
	Ant3	5785	9.38	30.00	PASS
	total	5785	14.63	26.20*	PASS
	Ant1	5825	9.36	30.00	PASS
	Ant2	5825	9.07	30.00	PASS
	Ant3	5825	9.59	30.00	PASS
	total	5825	14.12	26.20*	PASS
802.11AC40	Ant1	5190	5.1	17.0	PASS
	Ant2	5190	5.71	17.0	PASS
	Ant3	5190	4.95	17.0	PASS
	total	5190	10.04	13.2*	PASS
	Ant1	5230	8.6	17.0	PASS
	Ant2	5230	7.77	17.0	PASS
	Ant3	5230	8.15	17.0	PASS
	total	5230	12.96	13.2*	PASS
	Ant1	5270	1.26	11.00	PASS
	Ant2	5270	-0.32	11.00	PASS
	Ant3	5270	-0.72	11.00	PASS
	total	5270	4.93	7.20*	PASS
	Ant1	5310	-0.07	11.00	PASS
	Ant2	5310	-1.02	11.00	PASS
	Ant3	5310	-1.37	11.00	PASS
	total	5310	3.99	7.20*	PASS
	Ant1	5510	-0.92	11.00	PASS
	Ant2	5510	1.18	11.00	PASS
	Ant3	5510	-1.65	11.00	PASS
	total	5510	4.48	7.20*	PASS
	Ant1	5550	-0.21	11.00	PASS
	Ant2	5550	1.19	11.00	PASS
	Ant3	5550	0.11	11.00	PASS
	total	5550	5.18	7.20*	PASS
	Ant1	5670	0.44	11.00	PASS
	Ant2	5670	-0.19	11.00	PASS
	Ant3	5670	0.22	11.00	PASS
	total	5670	4.94	7.20*	PASS
	Ant1	5710_UNII-2C	1.02	11.00	PASS
	Ant2	5710_UNII-2C	0.93	11.00	PASS
	Ant3	5710_UNII-2C	-0.94	11.00	PASS

	total	5710_UNII-2C	5.20	7.20*	PASS
	Ant1	5710_UNII-3	-2.97	30.00	PASS
	Ant2	5710_UNII-3	-3.88	30.00	PASS
	Ant3	5710_UNII-3	-5.27	30.00	PASS
	total	5710_UNII-3	0.83	26.20*	PASS
	Ant1	5755	8	30.00	PASS
	Ant2	5755	7.58	30.00	PASS
	Ant3	5755	7.68	30.00	PASS
	total	5755	12.53	26.20*	PASS
	Ant1	5795	6.65	30.00	PASS
	Ant2	5795	8.42	30.00	PASS
	Ant3	5795	6.91	30.00	PASS
	total	5795	12.17	26.20*	PASS
802.11AC80	Ant1	5210	-0.62	17.0	PASS
	Ant2	5210	-0.22	17.0	PASS
	Ant3	5210	-1.06	17.0	PASS
	total	5210	4.15	13.2*	PASS
	Ant1	5290	-3.36	11.00	PASS
	Ant2	5290	-2.65	11.00	PASS
	Ant3	5290	-3.72	11.00	PASS
	total	5290	1.55	7.20*	PASS
	Ant1	5530	-3.16	11.00	PASS
	Ant2	5530	-2.14	11.00	PASS
	Ant3	5530	-3.27	11.00	PASS
	total	5530	1.95	7.20*	PASS
	Ant1	5610	-3.3	11.00	PASS
	Ant2	5610	-2.71	11.00	PASS
	Ant3	5610	-3.8	11.00	PASS
	total	5610	1.52	7.20*	PASS
	Ant1	5690_UNII-2C	-3.19	11.00	PASS
	Ant2	5690_UNII-2C	-1.06	11.00	PASS
	Ant3	5690_UNII-2C	-1.38	11.00	PASS
	total	5690_UNII-2C	2.99	7.20*	PASS
	Ant1	5690_UNII-3	-7.11	30.00	PASS
	Ant2	5690_UNII-3	-5.32	30.00	PASS
	Ant3	5690_UNII-3	-9.36	30.00	PASS
	total	5690_UNII-3	-2.19	26.20*	PASS
	Ant1	5775	2.51	30.00	PASS
	Ant2	5775	2.16	30.00	PASS
	Ant3	5775	2.18	30.00	PASS
	total	5775	7.06	26.20*	PASS
802.11AC160	Ant1	5250	-6.35	11.00	PASS
	Ant2	5250	-5.83	11.00	PASS
	Ant3	5250	-1.82	11.00	PASS
	total	5250	0.61	7.20*	PASS
	Ant1	5570	-4.52	11.00	PASS
	Ant2	5570	-3.03	11.00	PASS
	Ant3	5570	-0.04	11.00	PASS
	total	5570	2.65	7.20*	PASS
802.11AX20	Ant1	5180	8.91	17.0	PASS
	Ant2	5180	8.15	17.0	PASS
	Ant3	5180	7.51	17.0	PASS
	total	5180	13.00	13.2*	PASS
	Ant1	5200	8.24	17.0	PASS
	Ant2	5200	8.13	17.0	PASS
	Ant3	5200	7.68	17.0	PASS
	total	5200	12.79	13.2*	PASS
	Ant1	5240	8.56	17.0	PASS
	Ant2	5240	7.74	17.0	PASS
	Ant3	5240	7.69	17.0	PASS
	total	5240	12.79	13.2*	PASS
	Ant1	5260	1.29	11.00	PASS
	Ant2	5260	0.2	11.00	PASS

	Ant3	5260	0.41	11.00	PASS
	total	5260	5.43	7.20*	PASS
	Ant1	5280	2.52	11.00	PASS
	Ant2	5280	2.04	11.00	PASS
	Ant3	5280	1.7	11.00	PASS
	total	5280	6.87	7.20*	PASS
	Ant1	5320	1.57	11.00	PASS
	Ant2	5320	0.64	11.00	PASS
	Ant3	5320	1.11	11.00	PASS
	total	5320	5.89	7.20*	PASS
	Ant1	5500	1.95	11.00	PASS
	Ant2	5500	2.41	11.00	PASS
	Ant3	5500	2.1	11.00	PASS
	total	5500	6.93	7.20*	PASS
	Ant1	5580	2.12	11.00	PASS
	Ant2	5580	2.8	11.00	PASS
	Ant3	5580	0.87	11.00	PASS
	total	5580	6.77	7.20*	PASS
	Ant1	5700	2.29	11.00	PASS
	Ant2	5700	2.76	11.00	PASS
	Ant3	5700	2.1	11.00	PASS
	total	5700	7.16	7.20*	PASS
	Ant1	5720_UNII-2C	2.42	11.00	PASS
	Ant2	5720_UNII-2C	2.29	11.00	PASS
	Ant3	5720_UNII-2C	1.27	11.00	PASS
	total	5720_UNII-2C	6.79	7.20*	PASS
	Ant1	5720_UNII-3	0.40	30.00	PASS
	Ant2	5720_UNII-3	0.04	30.00	PASS
	Ant3	5720_UNII-3	-0.39	30.00	PASS
	total	5720_UNII-3	4.8	26.20*	PASS
	Ant1	5745	9.98	30.00	PASS
	Ant2	5745	9.71	30.00	PASS
	Ant3	5745	9.09	30.00	PASS
	total	5745	14.38	26.20*	PASS
	Ant1	5785	10.12	30.00	PASS
	Ant2	5785	10.46	30.00	PASS
	Ant3	5785	10.26	30.00	PASS
	total	5785	15.05	26.20*	PASS
	Ant1	5825	9.27	30.00	PASS
	Ant2	5825	9.38	30.00	PASS
	Ant3	5825	9.54	30.00	PASS
	total	5825	14.17	26.20*	PASS
802.11AX40	Ant1	5190	5.58	17.0	PASS
	Ant2	5190	5.61	17.0	PASS
	Ant3	5190	5.35	17.0	PASS
	total	5190	10.29	13.2*	PASS
	Ant1	5230	8.44	17.0	PASS
	Ant2	5230	8.02	17.0	PASS
	Ant3	5230	7.86	17.0	PASS
	total	5230	12.88	13.2*	FAIL
	Ant1	5270	-0.9	11.00	PASS
	Ant2	5270	-0.88	11.00	PASS
	Ant3	5270	-0.79	11.00	PASS
	total	5270	3.91	7.20*	PASS
	Ant1	5310	-0.53	11.00	PASS
	Ant2	5310	-0.96	11.00	PASS
	Ant3	5310	-1.38	11.00	PASS
	total	5310	3.83	7.20*	PASS
	Ant1	5510	-0.01	11.00	PASS
	Ant2	5510	1.39	11.00	PASS
	Ant3	5510	-1.3	11.00	PASS
	total	5510	4.94	7.20*	PASS
	Ant1	5550	0.82	11.00	PASS

	Ant2	5550	0.76	11.00	PASS
	Ant3	5550	-0.41	11.00	PASS
	total	5550	5.20	7.20*	PASS
	Ant1	5670	-0.07	11.00	PASS
	Ant2	5670	-0.48	11.00	PASS
	Ant3	5670	-0.34	11.00	PASS
	total	5670	4.48	7.20*	PASS
	Ant1	5710_UNII-2C	0.89	11.00	PASS
	Ant2	5710_UNII-2C	0.87	11.00	PASS
	Ant3	5710_UNII-2C	-0.14	11.00	PASS
	total	5710_UNII-2C	5.34	7.20*	PASS
	Ant1	5710_UNII-3	-4.07	30.00	PASS
	Ant2	5710_UNII-3	-3.07	30.00	PASS
	Ant3	5710_UNII-3	-6.29	30.00	PASS
	total	5710_UNII-3	0.49	26.20*	PASS
	Ant1	5755	7.85	30.00	PASS
	Ant2	5755	7.88	30.00	PASS
	Ant3	5755	7.97	30.00	PASS
	total	5755	12.67	26.20*	PASS
	Ant1	5795	7.04	30.00	PASS
	Ant2	5795	7.47	30.00	PASS
	Ant3	5795	6.6	30.00	PASS
	total	5795	11.82	26.20*	PASS
802.11AX80	Ant1	5210	-0.47	17.0	PASS
	Ant2	5210	0.12	17.0	PASS
	Ant3	5210	-1.02	17.0	PASS
	total	5210	4.34	13.2*	PASS
	Ant1	5290	-4.38	11.00	PASS
	Ant2	5290	-2.32	11.00	PASS
	Ant3	5290	-3.22	11.00	PASS
	total	5290	1.55	7.20*	PASS
	Ant1	5530	-3.55	11.00	PASS
	Ant2	5530	-3.58	11.00	PASS
	Ant3	5530	-4.33	11.00	PASS
	total	5530	0.97	7.20*	PASS
	Ant1	5610	-4.91	11.00	PASS
	Ant2	5610	-2.28	11.00	PASS
	Ant3	5610	-3.94	11.00	PASS
	total	5610	1.20	7.20*	PASS
	Ant1	5690_UNII-2C	-2.7	11.00	PASS
	Ant2	5690_UNII-2C	-2.39	11.00	PASS
	Ant3	5690_UNII-2C	-1.92	11.00	PASS
	total	5690_UNII-2C	2.45	7.20*	PASS
	Ant1	5690_UNII-3	-7.50	30.00	PASS
	Ant2	5690_UNII-3	-6.74	30.00	PASS
	Ant3	5690_UNII-3	-10.56	30.00	PASS
	total	5690_UNII-3	-3.21	26.20*	PASS
	Ant1	5775	2.45	30.00	PASS
	Ant2	5775	2.6	30.00	PASS
	Ant3	5775	2.29	30.00	PASS
	total	5775	7.22	26.20*	PASS
802.11AX	Ant1	5250	-6.78	11.00	PASS
	Ant2	5250	-7.18	11.00	PASS
	Ant3	5250	-7.06	11.00	PASS
	total	5250	-2.23	7.20*	PASS
	Ant1	5570	-6.05	11.00	PASS
	Ant2	5570	-3.83	11.00	PASS
	Ant3	5570	-6.76	11.00	PASS
	total	5570	-0.59	7.20*	PASS

Note：1.The Results already converted to dBm/500 kHz in the band 5.725–5.85 GHz, with factor10 log (500 kHz/RBW); 2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

11A-CDD_Ant1_5180

11A-CDD_Ant2_5180

11A-CDD_Ant3_5180

11A-CDD_Ant1_5200

11A-CDD_Ant2_5200

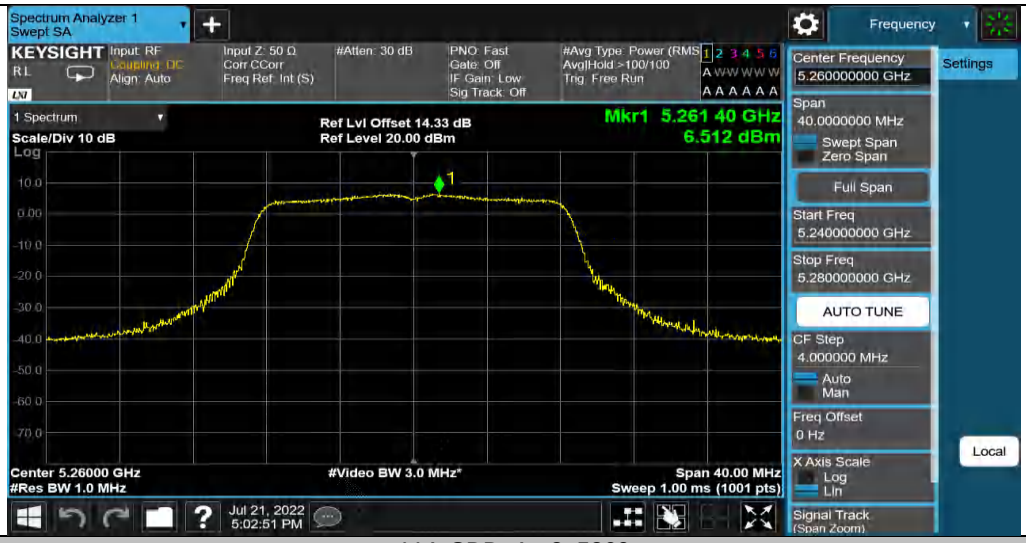
11A-CDD_Ant3_5200

11A-CDD_Ant1_5240

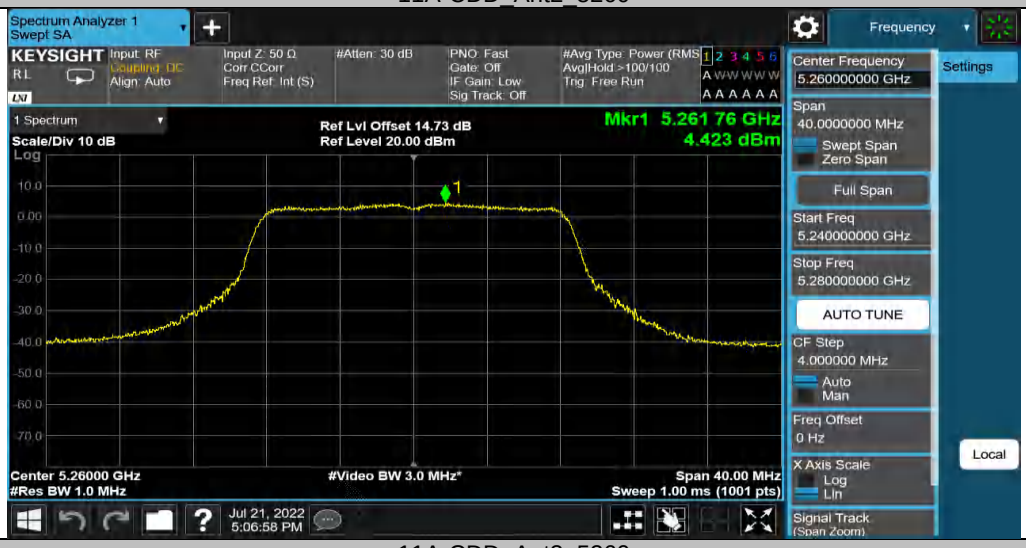
11A-CDD_Ant2_5240

11A-CDD_Ant3_5240

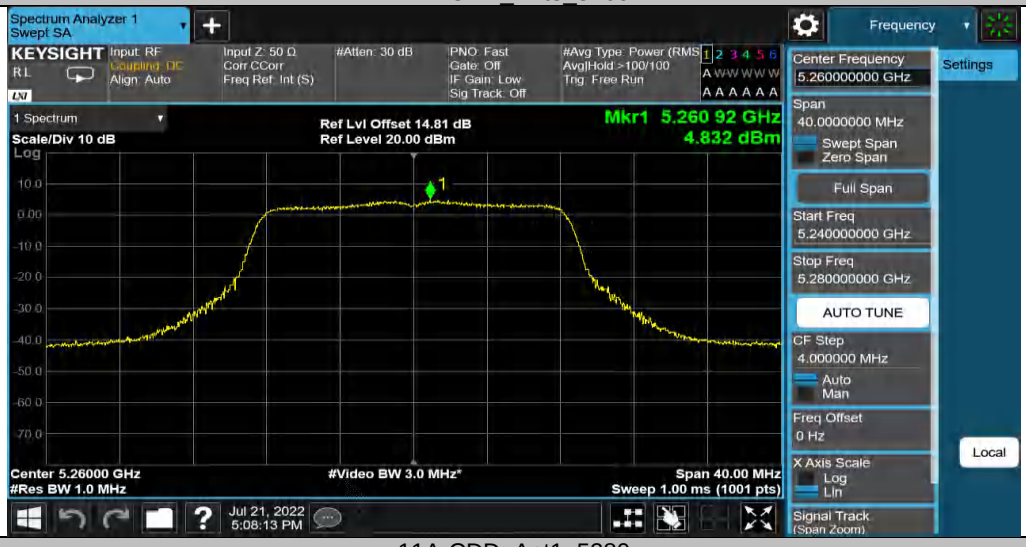
11A-CDD_Ant1_5260



11A-CDD_Ant2_5260

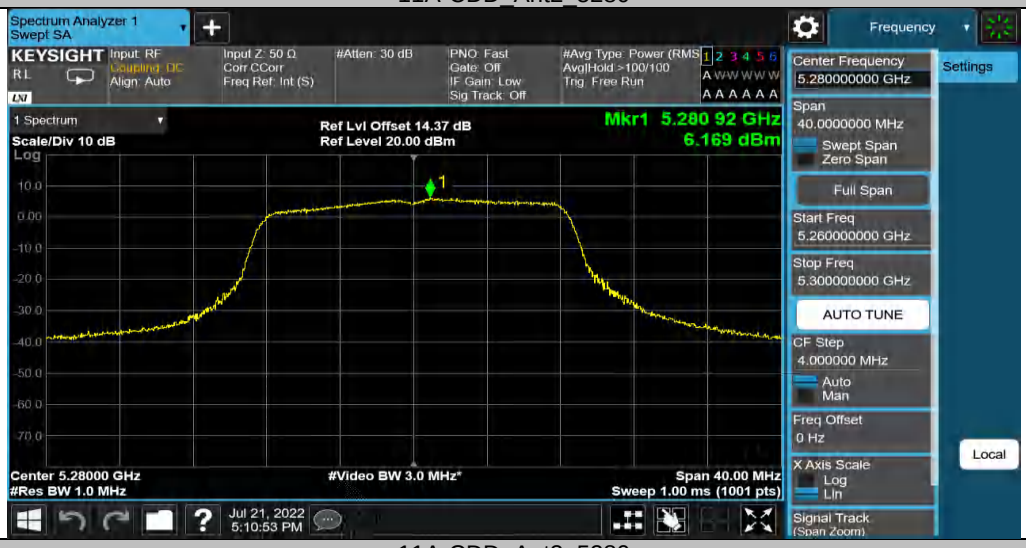


11A-CDD_Ant3_5260



11A-CDD_Ant1_5280

11A-CDD_Ant2_5280



11A-CDD_Ant3_5280

11A-CDD_Ant1_5320

11A-CDD_Ant2_5320

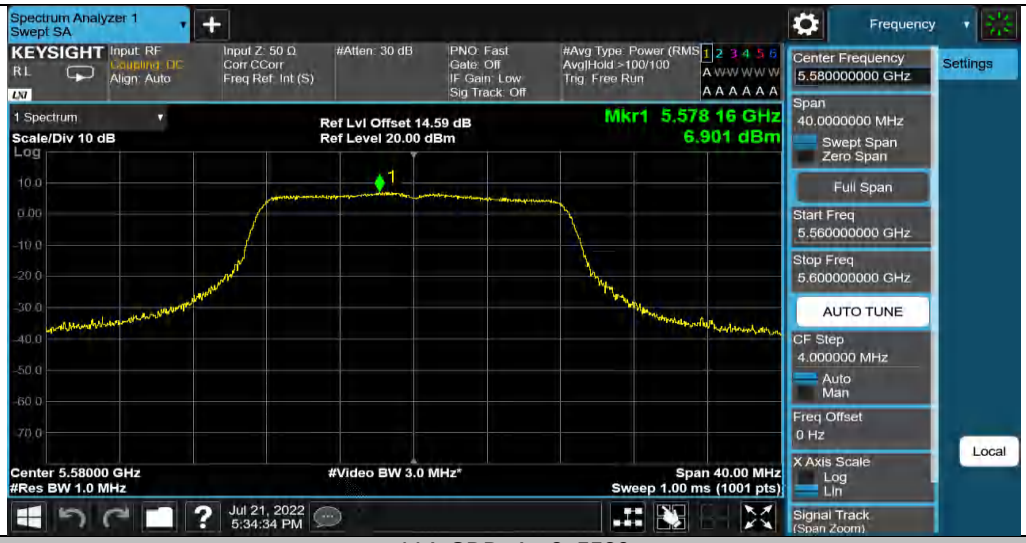
11A-CDD_Ant3_5320

11A-CDD_Ant1_5500

11A-CDD_Ant2_5500

11A-CDD_Ant3_5500

11A-CDD_Ant1_5580



11A-CDD_Ant2_5580

11A-CDD_Ant3_5580

11A-CDD_Ant1_5700

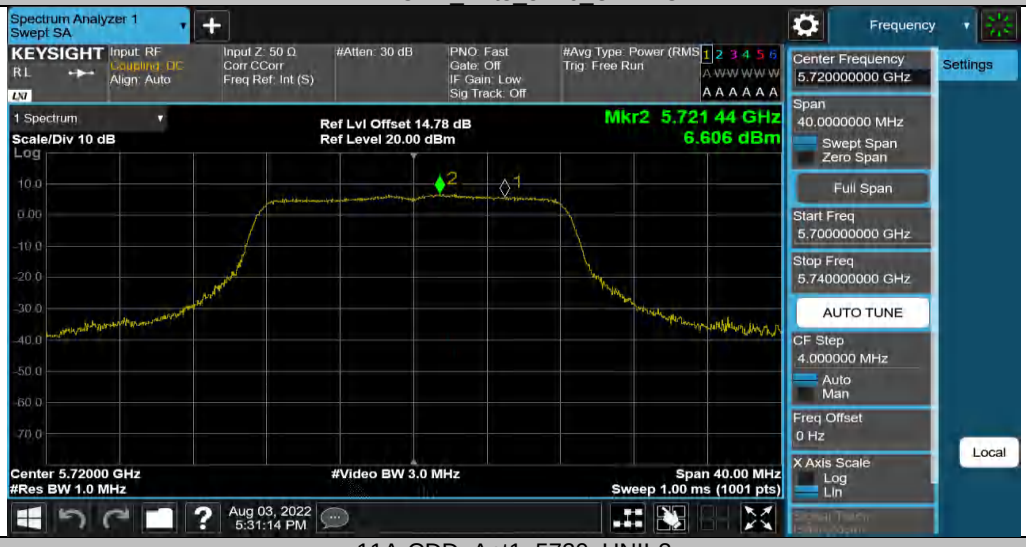
11A-CDD_Ant2_5700

11A-CDD_Ant3_5700

11A-CDD_Ant1_5720_UNII-2C

11A-CDD_Ant2_5720_UNII-2C

11A-CDD_Ant3_5720_UNII-2C



11A-CDD_Ant1_5720_UNII-3

11A-CDD_Ant2_5720_UNII-3

11A-CDD_Ant3_5720_UNII-3

11A-CDD_Ant1_5745

11A-CDD_Ant2_5745

11A-CDD_Ant3_5745

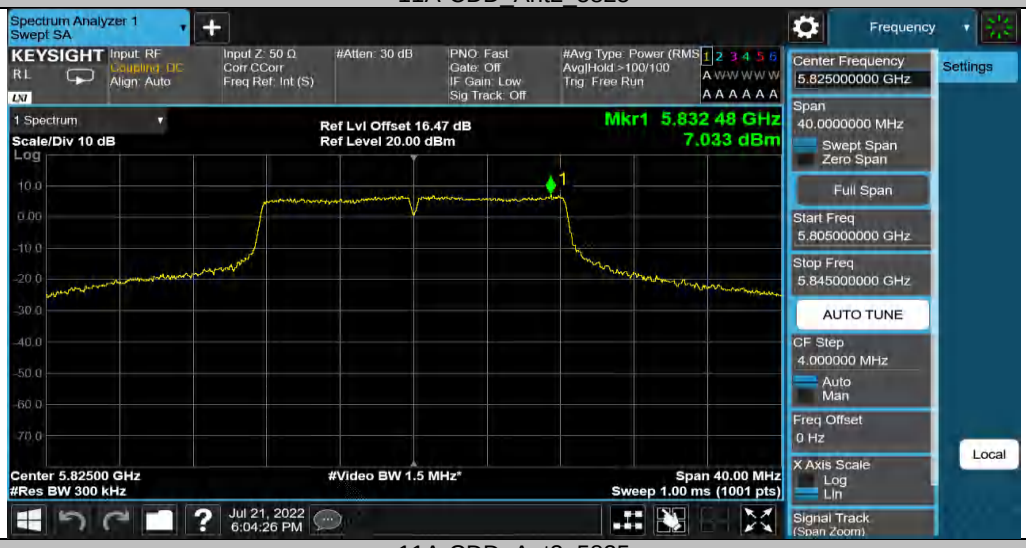
11A-CDD_Ant1_5785

11A-CDD_Ant2_5785

11A-CDD_Ant3_5785

11A-CDD_Ant1_5825

11A-CDD_Ant2_5825



11A-CDD_Ant3_5825

11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180

11N20MIMO_Ant3_5180

11N20MIMO_Ant1_5200

11N20MIMO_Ant2_5200

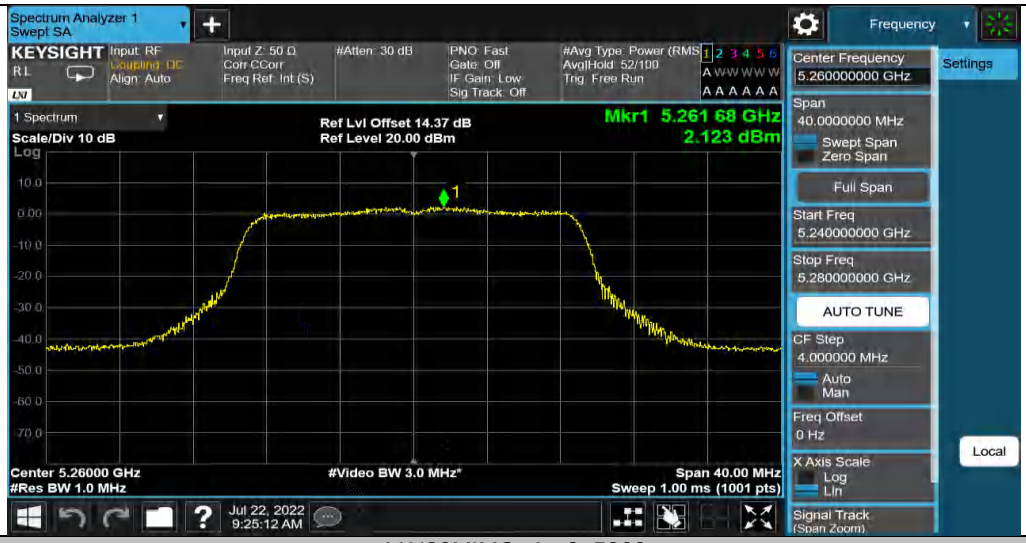
11N20MIMO_Ant3_5200

11N20MIMO_Ant1_5240

11N20MIMO_Ant2_5240

11N20MIMO_Ant3_5240

11N20MIMO_Ant1_5260



11N20MIMO_Ant2_5260

11N20MIMO_Ant3_5260

11N20MIMO_Ant1_5280

11N20MIMO_Ant2_5280

11N20MIMO_Ant3_5280

11N20MIMO_Ant1_5320

11N20MIMO_Ant2_5320

11N20MIMO_Ant3_5320

11N20MIMO_Ant1_5500

11N20MIMO_Ant2_5500

11N20MIMO_Ant3_5500

11N20MIMO_Ant1_5580

11N20MIMO_Ant2_5580

11N20MIMO_Ant3_5580

11N20MIMO_Ant1_5700

11N20MIMO_Ant2_5700

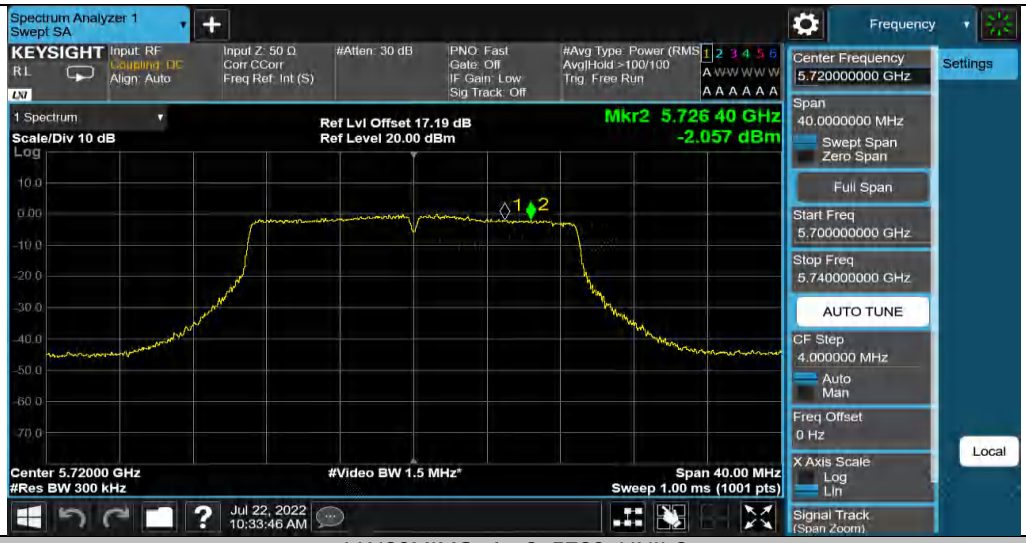
11N20MIMO_Ant3_5700

11N20MIMO_Ant1_5720_UNII-2C

11N20MIMO_Ant2_5720_UNII-2C

11N20MIMO_Ant3_5720_UNII-2C

11N20MIMO_Ant1_5720_UNII-3



11N20MIMO_Ant2_5720_UNII-3

11N20MIMO_Ant3_5720_UNII-3

11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745

11N20MIMO_Ant3_5745

11N20MIMO_Ant1_5785

11N20MIMO_Ant2_5785

11N20MIMO_Ant3_5785

11N20MIMO_Ant1_5825

11N20MIMO_Ant2_5825

11N20MIMO_Ant3_5825

11N40MIMO_Ant1_5190

11N40MIMO_Ant2_5190

11N40MIMO_Ant3_5190

11N40MIMO_Ant1_5230

11N40MIMO_Ant2_5230

11N40MIMO_Ant3_5230

11N40MIMO_Ant1_5270

11N40MIMO_Ant2_5270

11N40MIMO_Ant3_5270

11N40MIMO_Ant1_5310

11N40MIMO_Ant2_5310

11N40MIMO_Ant3_5310

11N40MIMO_Ant1_5510

11N40MIMO_Ant2_5510

11N40MIMO_Ant3_5510

11N40MIMO_Ant1_5550

11N40MIMO_Ant2_5550

11N40MIMO_Ant3_5550

11N40MIMO_Ant1_5670

11N40MIMO_Ant2_5670

11N40MIMO_Ant3_5670

11N40MIMO_Ant1_5710_UNII-2C

11N40MIMO_Ant2_5710_UNII-2C

11N40MIMO_Ant3_5710_UNII-2C

11N40MIMO_Ant1_5710_UNII-3

11N40MIMO_Ant2_5710_UNII-3

11N40MIMO_Ant3_5710_UNII-3

11N40MIMO_Ant1_5755

11N40MIMO_Ant2_5755

11N40MIMO_Ant1_5795

11N40MIMO_Ant2_5795

11N40MIMO_Ant3_5795

11AC20MIMO_Ant1_5180

11AC20MIMO_Ant2_5180