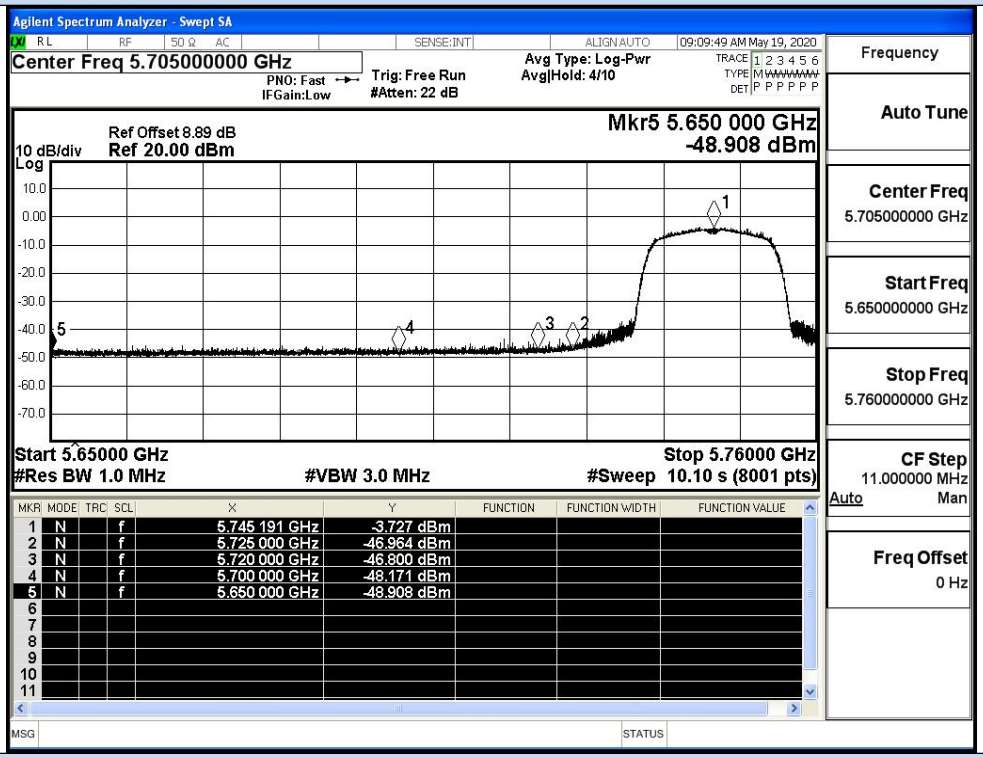
E.5 Undesirable Emissions Measurement

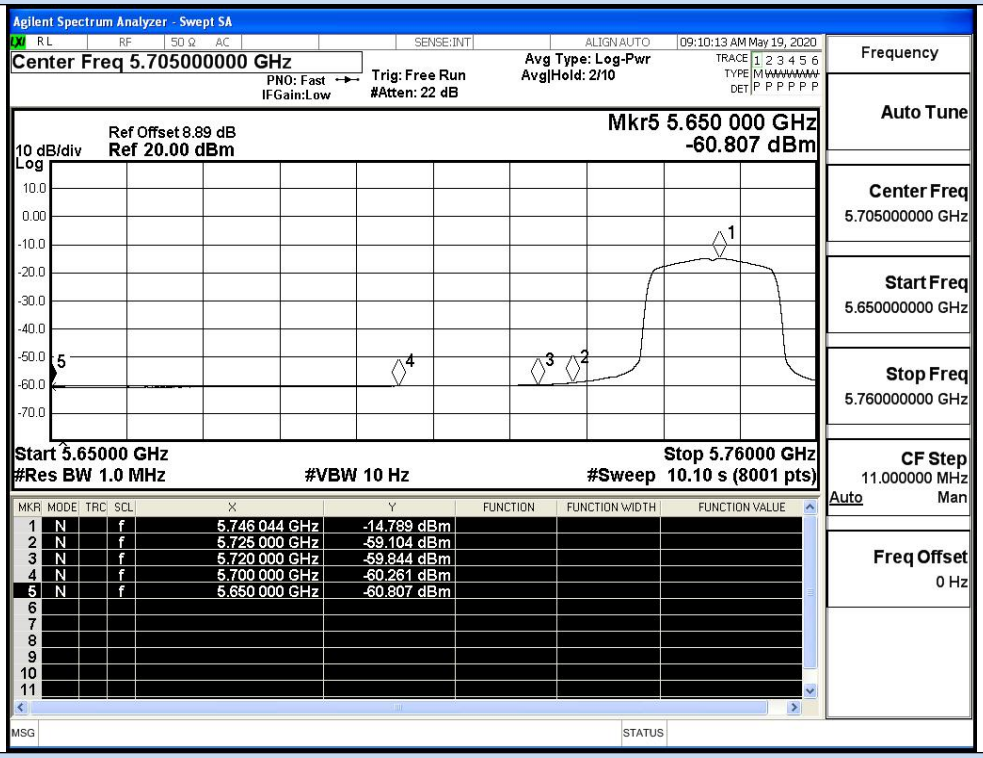
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-48.91	2.00	-46.91	Peak	-27.0	Pass
		5650.0	-60.81	2.00	-58.81	Average	-27.0	Pass
		5700.0	-48.17	2.00	-46.17	Peak	10	Pass
		5700.0	-60.26	2.00	-58.26	Average	10	Pass
		5720.0	-46.80	2.00	-44.80	Peak	15.6	Pass
		5720.0	-59.84	2.00	-57.84	Average	15.6	Pass
		5725.0	-46.96	2.00	-44.96	Peak	27.0	Pass
		5725.0	-59.10	2.00	-57.10	Average	27.0	Pass
	165	5850.0	-47.50	2.00	-45.50	Peak	27.0	Pass
		5850.0	-59.66	2.00	-57.66	Average	27.0	Pass
		5855.0	-47.75	2.00	-45.75	Peak	15.6	Pass
		5855.0	-59.81	2.00	-57.81	Average	15.6	Pass
		5875.0	-47.90	2.00	-45.90	Peak	10	Pass
		5875.0	-60.04	2.00	-58.04	Average	10	Pass
		5925.0	-47.86	2.00	-45.86	Peak	-27.0	Pass
		5925.0	-60.43	2.00	-58.43	Average	-27.0	Pass
11N20 SISO	149	5650.0	-48.37	2.00	-46.37	Peak	-27.0	Pass
		5650.0	-60.82	2.00	-58.82	Average	-27.0	Pass
		5700.0	-48.76	2.00	-46.76	Peak	10	Pass
		5700.0	-60.14	2.00	-58.14	Average	10	Pass
		5720.0	-48.85	2.00	-46.85	Peak	15.6	Pass
		5720.0	-60.42	2.00	-58.42	Average	15.6	Pass
		5725.0	-47.38	2.00	-45.38	Peak	27.0	Pass
		5725.0	-59.43	2.00	-57.43	Average	27.0	Pass
	165	5850.0	-46.07	2.00	-44.07	Peak	27.0	Pass
		5850.0	-59.62	2.00	-57.62	Average	27.0	Pass
		5855.0	-47.80	2.00	-45.80	Peak	15.6	Pass
		5855.0	-59.72	2.00	-57.72	Average	15.6	Pass
		5875.0	-48.80	2.00	-46.80	Peak	10	Pass
		5875.0	-60.06	2.00	-58.06	Average	10	Pass
		5925.0	-48.50	2.00	-46.50	Peak	-27.0	Pass
		5925.0	-60.46	2.00	-58.46	Average	-27.0	Pass

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40 SISO	151	5650.0	-48.54	2.00	-46.54	Peak	-27.0	Pass
		5650.0	-60.56	2.00	-58.56	Average	-27.0	Pass
		5700.0	-48.82	2.00	-46.82	Peak	10	Pass
		5700.0	-60.21	2.00	-58.21	Average	10	Pass
		5720.0	-46.98	2.00	-44.98	Peak	15.6	Pass
		5720.0	-58.77	2.00	-56.77	Average	15.6	Pass
		5725.0	-46.32	2.00	-44.32	Peak	27.0	Pass
		5725.0	-57.76	2.00	-55.76	Average	27.0	Pass
	159	5850.0	-47.76	2.00	-45.76	Peak	27.0	Pass
		5850.0	-59.52	2.00	-57.52	Average	27.0	Pass
		5855.0	-48.56	2.00	-46.56	Peak	15.6	Pass
		5855.0	-59.62	2.00	-57.62	Average	15.6	Pass
		5875.0	-46.93	2.00	-44.93	Peak	10	Pass
		5875.0	-59.81	2.00	-57.81	Average	10	Pass
		5925.0	-49.30	2.00	-47.30	Peak	-27.0	Pass
		5925.0	-60.15	2.00	-58.15	Average	-27.0	Pass
11AC20 SISO	149	5650.0	-49.09	2.00	-47.09	Peak	-27.0	Pass
		5650.0	-60.77	2.00	-58.77	Average	-27.0	Pass
		5700.0	-47.82	2.00	-45.82	Peak	10	Pass
		5700.0	-59.86	2.00	-57.86	Average	10	Pass
		5720.0	-47.81	2.00	-45.81	Peak	15.6	Pass
		5720.0	-60.32	2.00	-58.32	Average	15.6	Pass
		5725.0	-46.07	2.00	-44.07	Peak	27.0	Pass
		5725.0	-59.04	2.00	-57.04	Average	27.0	Pass
	165	5850.0	-47.68	2.00	-45.68	Peak	27.0	Pass
		5850.0	-59.46	2.00	-57.46	Average	27.0	Pass
		5855.0	-48.38	2.00	-46.38	Peak	15.6	Pass
		5855.0	-59.60	2.00	-57.60	Average	15.6	Pass
		5875.0	-46.35	2.00	-44.35	Peak	10	Pass
		5875.0	-59.91	2.00	-57.91	Average	10	Pass
		5925.0	-48.21	2.00	-46.21	Peak	-27.0	Pass
		5925.0	-60.37	2.00	-58.37	Average	-27.0	Pass
11AC40 SISO	151	5650.0	-48.66	2.00	-46.66	Peak	-27.0	Pass
		5650.0	-60.70	2.00	-58.70	Average	-27.0	Pass
		5700.0	-49.36	2.00	-47.36	Peak	10	Pass
		5700.0	-60.26	2.00	-58.26	Average	10	Pass
		5720.0	-47.69	2.00	-45.69	Peak	15.6	Pass
		5720.0	-58.94	2.00	-56.94	Average	15.6	Pass
		5725.0	-46.40	2.00	-44.40	Peak	27.0	Pass
		5725.0	-57.97	2.00	-55.97	Average	27.0	Pass
	159	5850.0	-47.91	2.00	-45.91	Peak	27.0	Pass
		5850.0	-59.52	2.00	-57.52	Average	27.0	Pass
		5855.0	-48.25	2.00	-46.25	Peak	15.6	Pass
		5855.0	-59.59	2.00	-57.59	Average	15.6	Pass
		5875.0	-48.11	2.00	-46.11	Peak	10	Pass
		5875.0	-59.81	2.00	-57.81	Average	10	Pass
		5925.0	-48.09	2.00	-46.09	Peak	-27.0	Pass
		5925.0	-60.17	2.00	-58.17	Average	-27.0	Pass

Undesirable Emissions Measurement

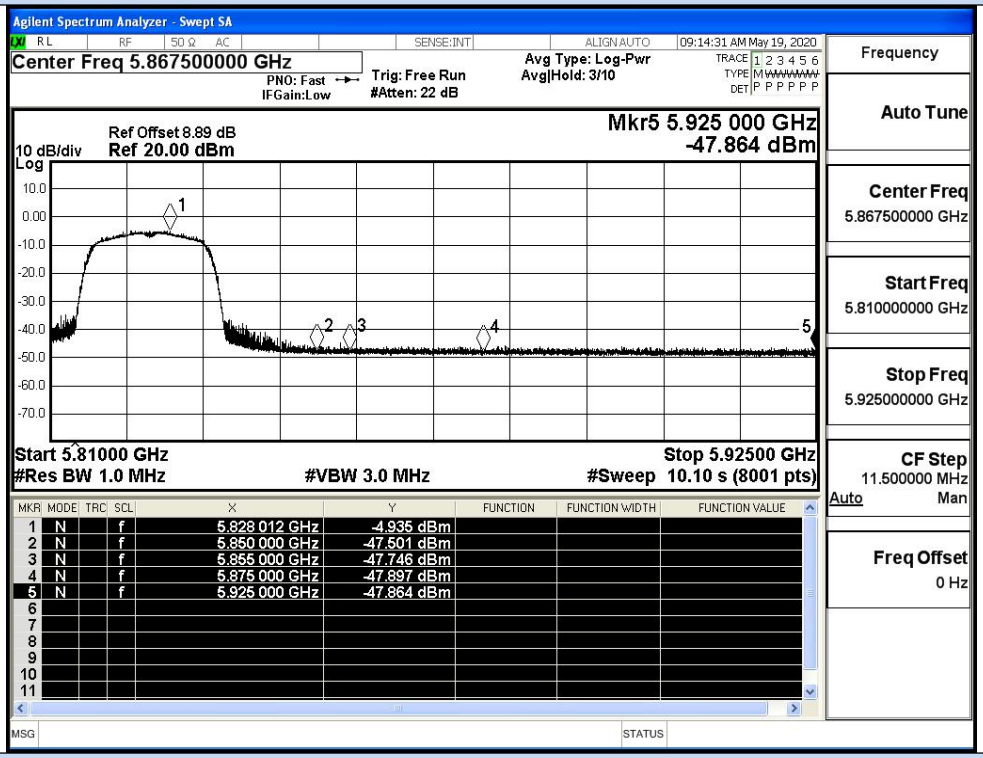


IEEE 802.11a / Channel 149 / 5745MHz / Peak

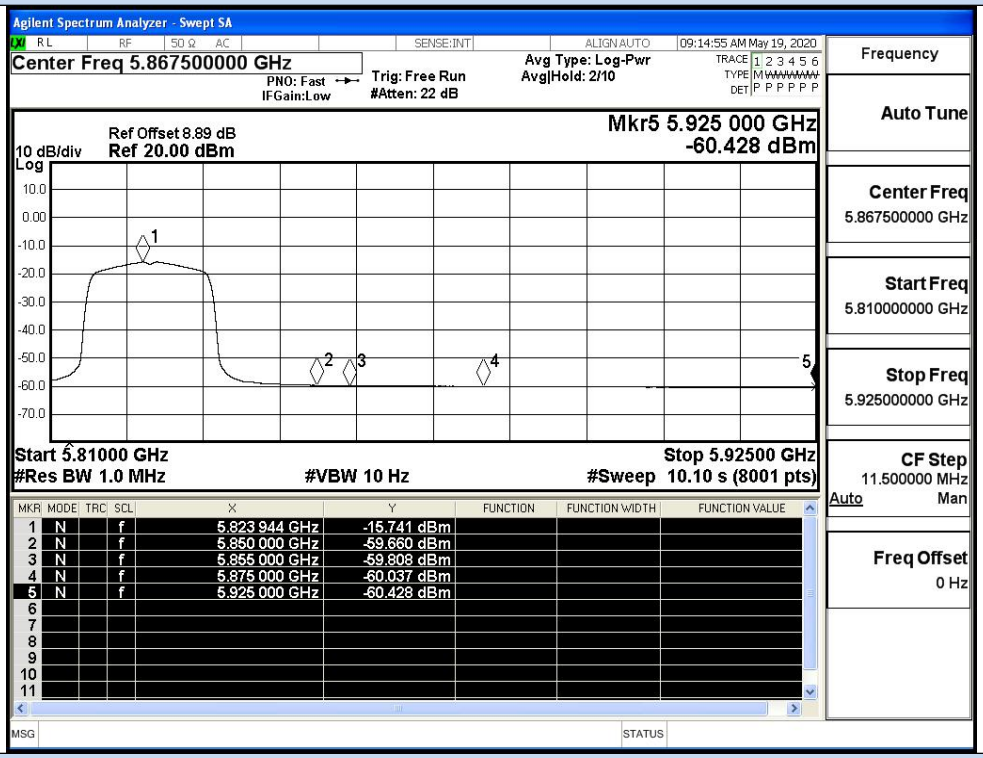


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement



IEEE 802.11a / Channel 165 / 5825MHz / Peak



IEEE 802.11a / Channel 165 / 5825MHz / Average

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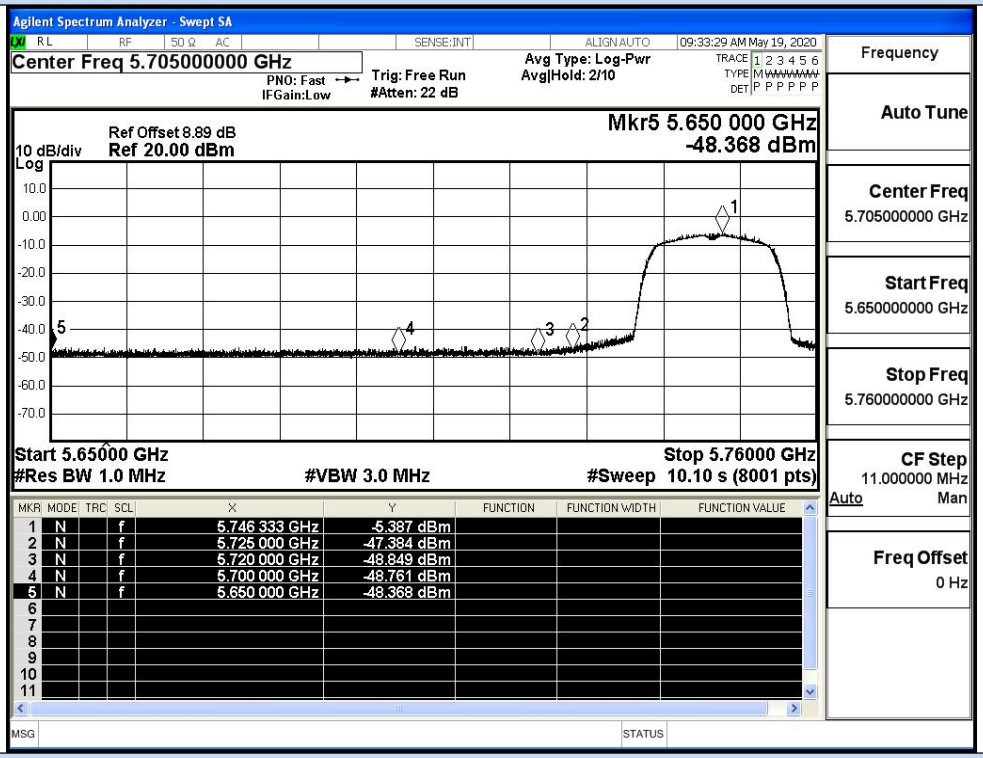
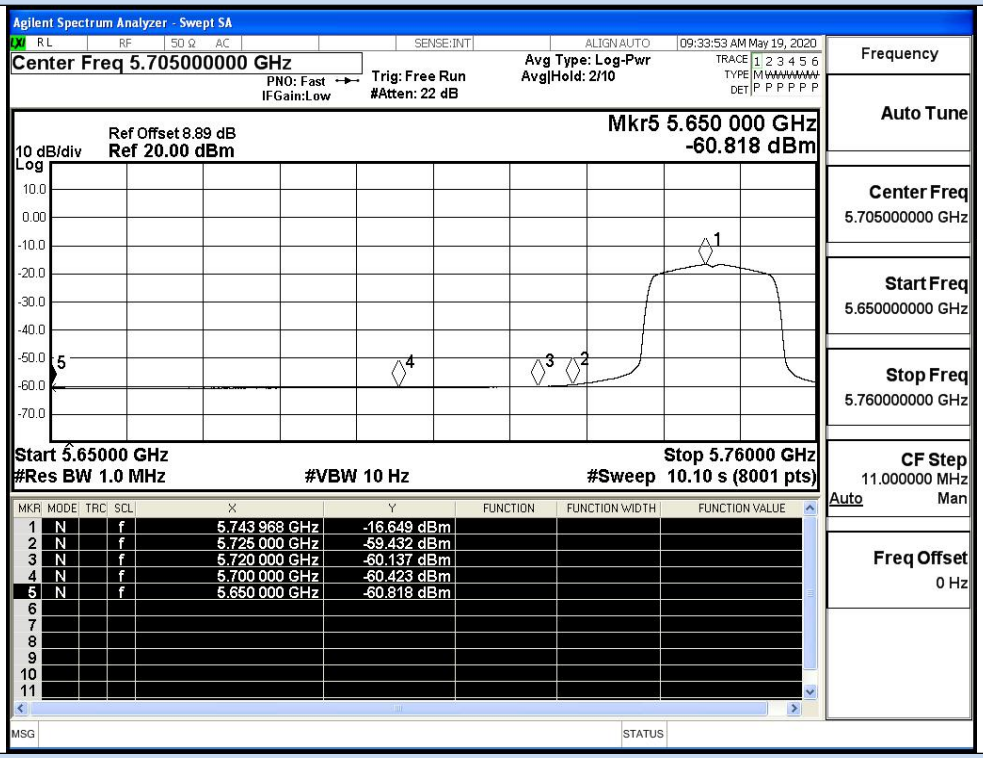
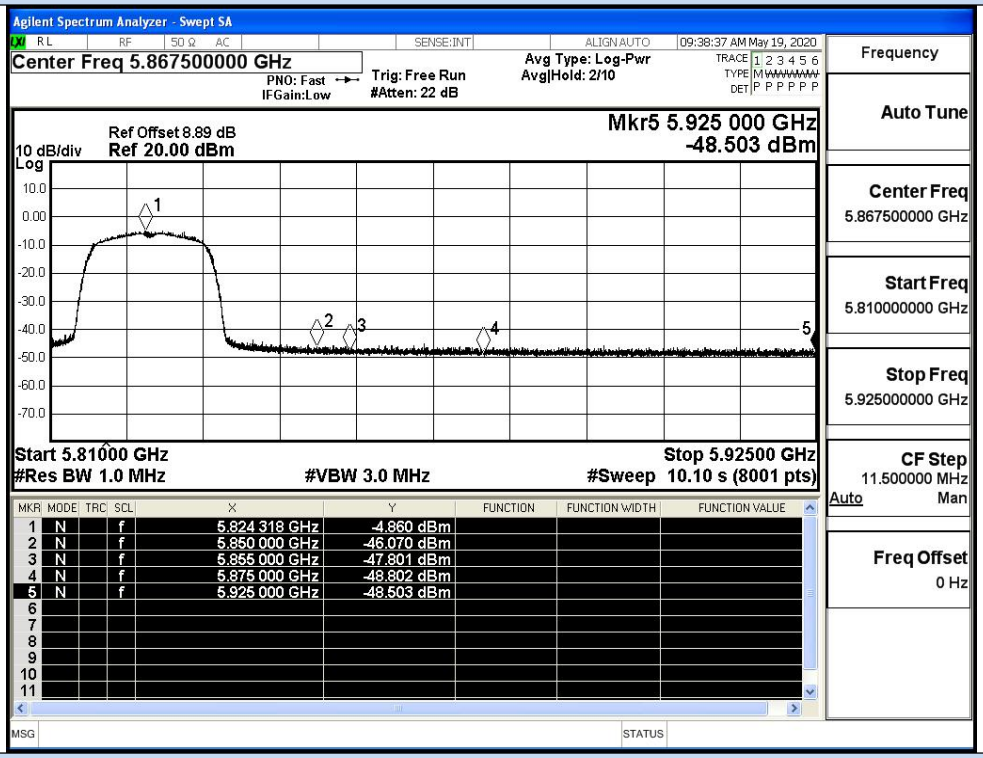


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

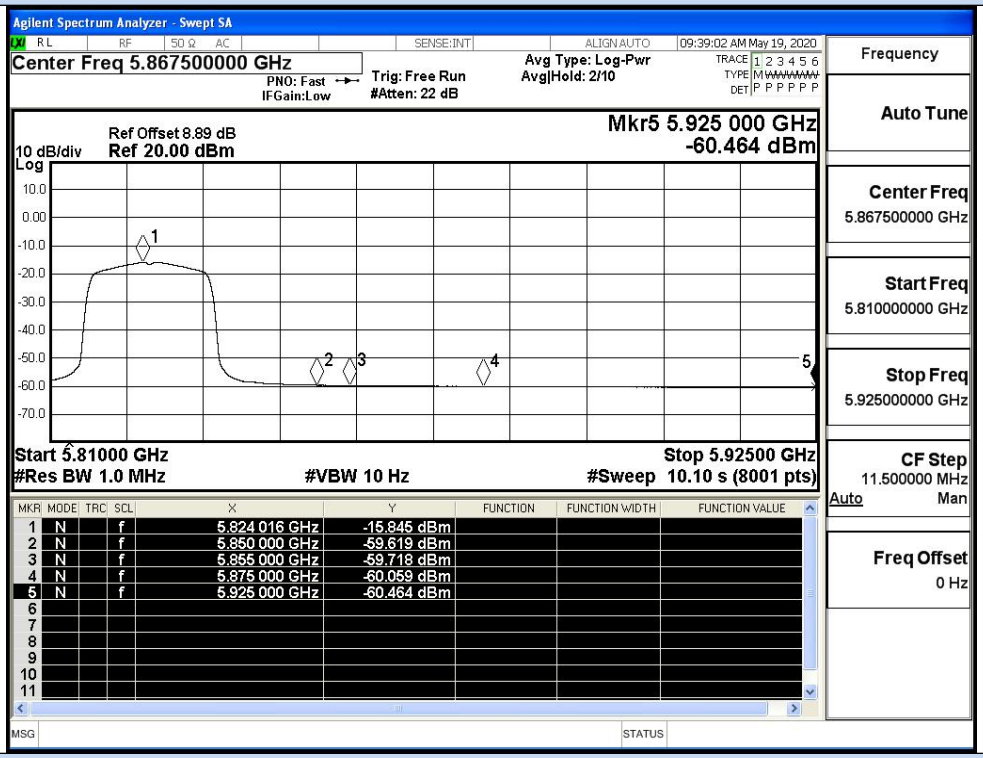


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement



IEEE 802.11n20 / Channel 165 / 5825MHz / Peak



IEEE 802.11n20 / Channel 165 / 5825MHz / Average

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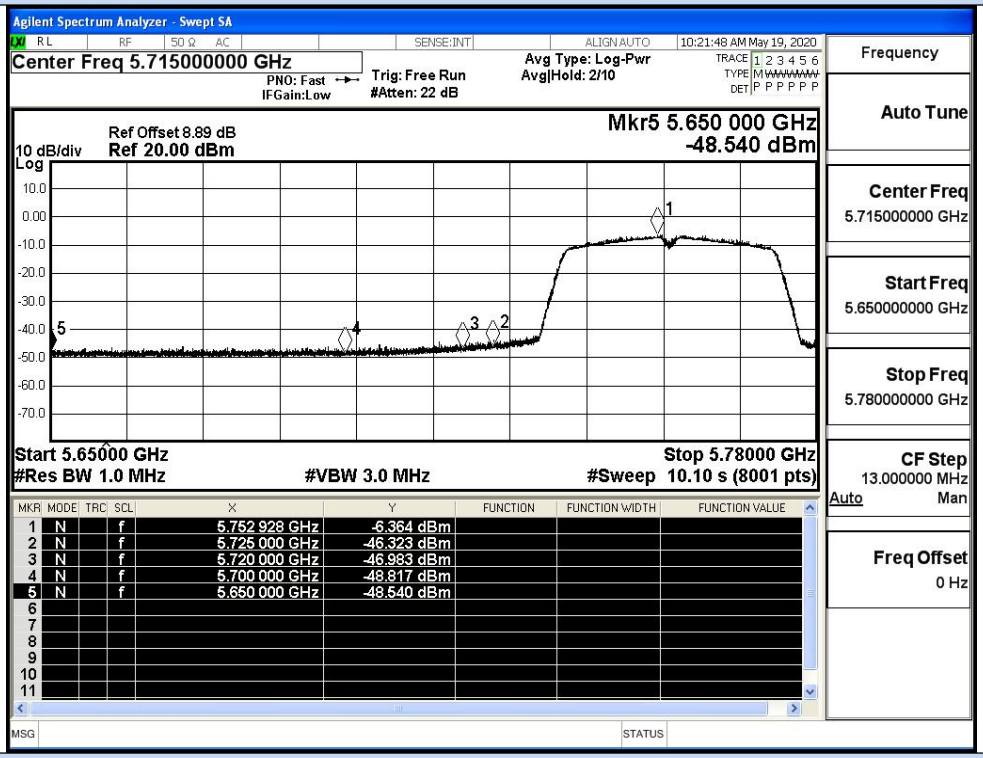
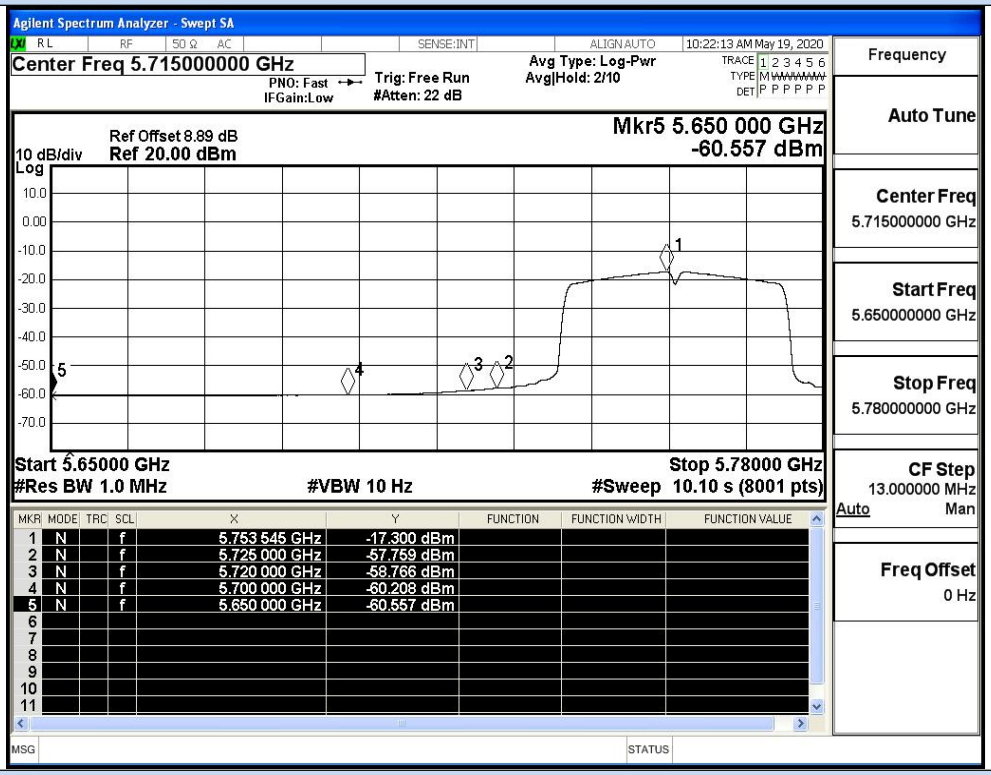
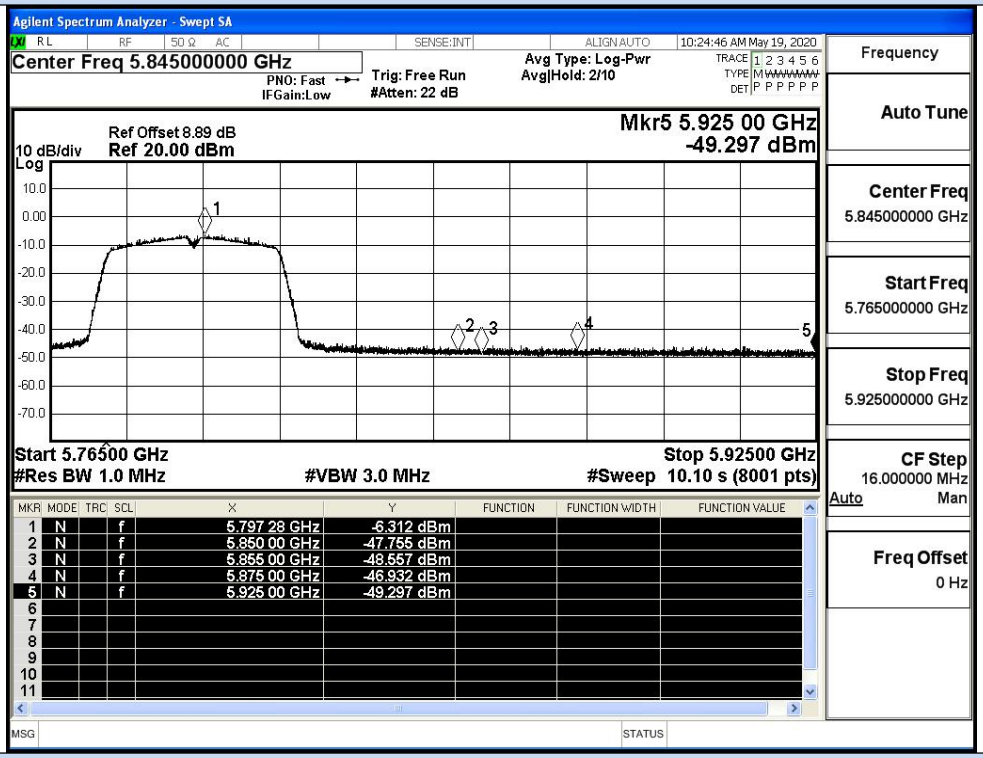


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

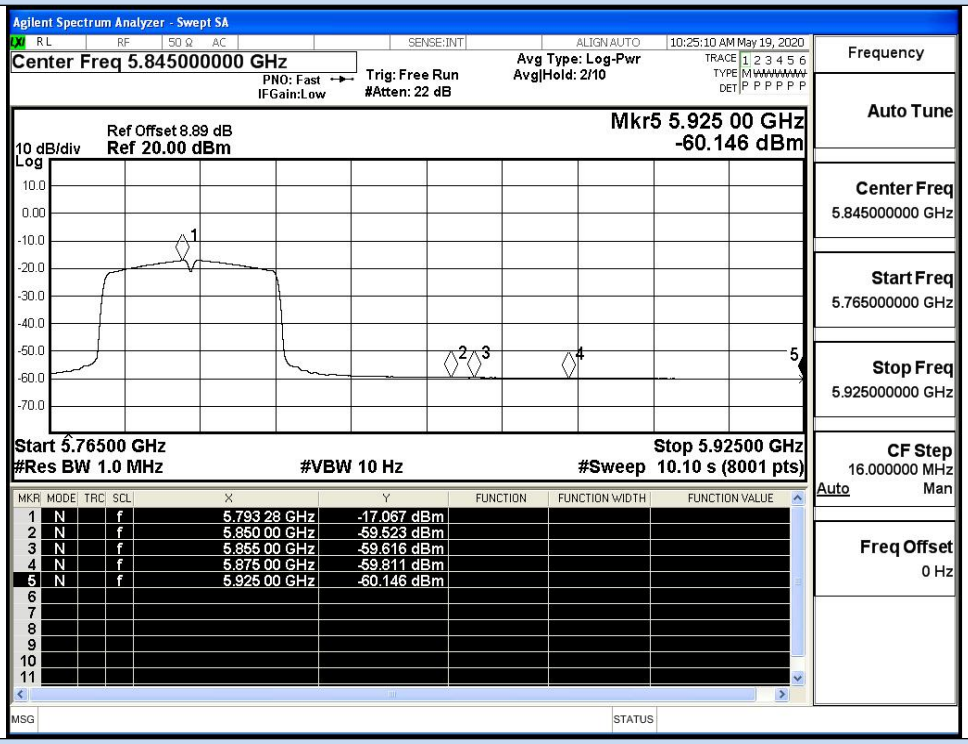


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

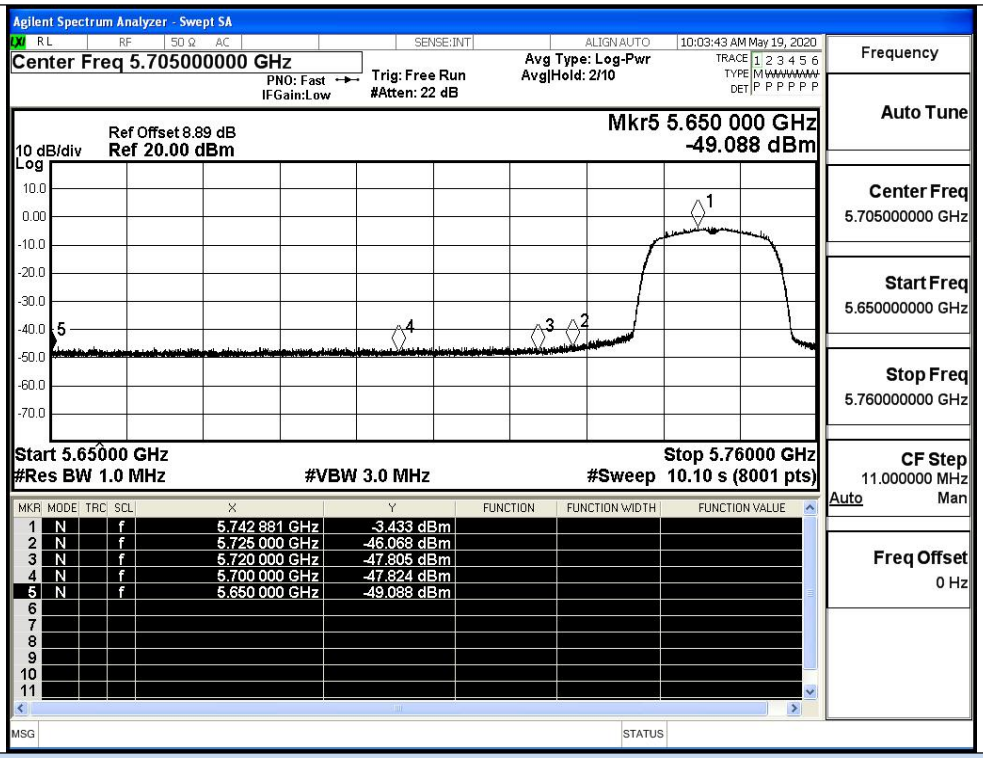
Undesirable Emissions Measurement



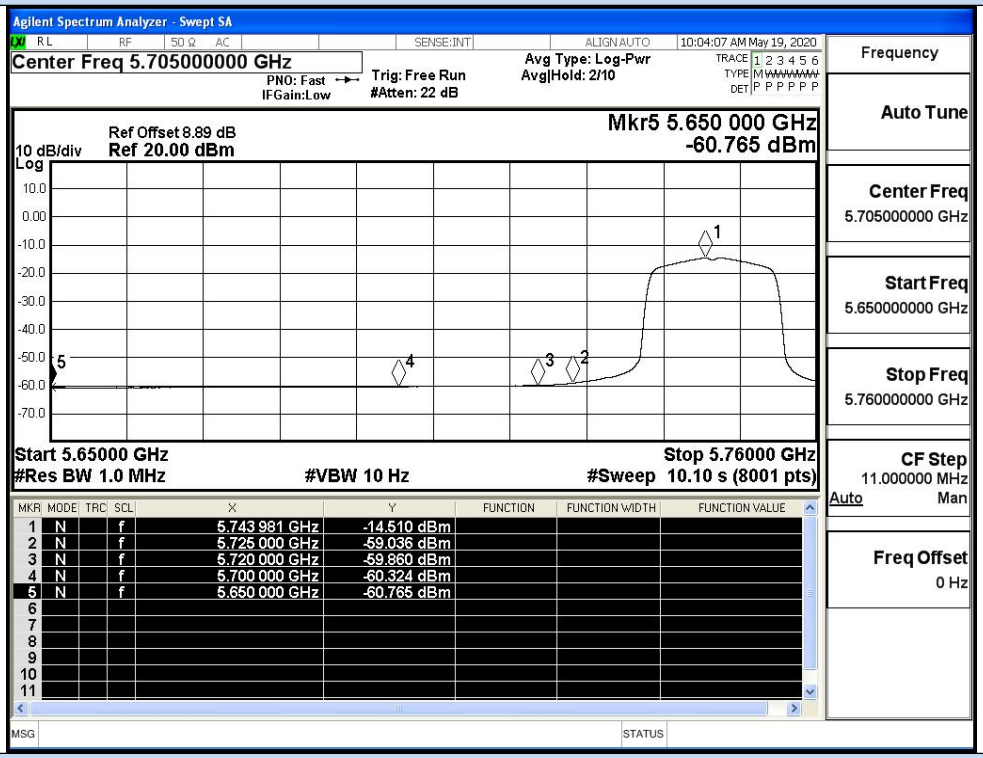
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



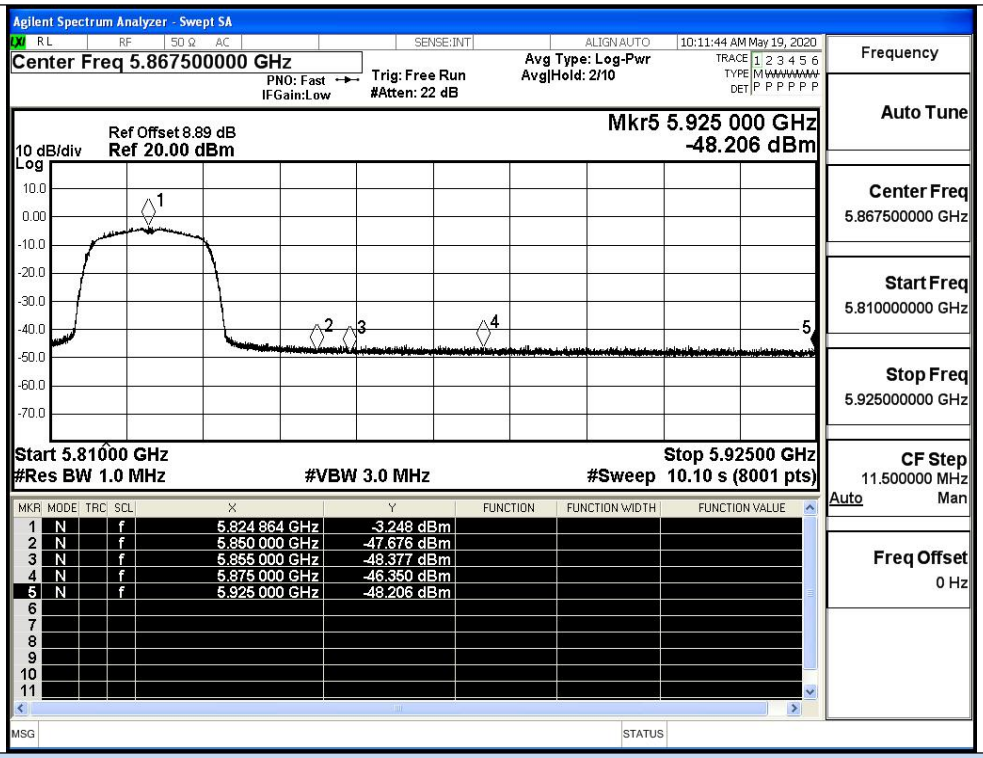
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



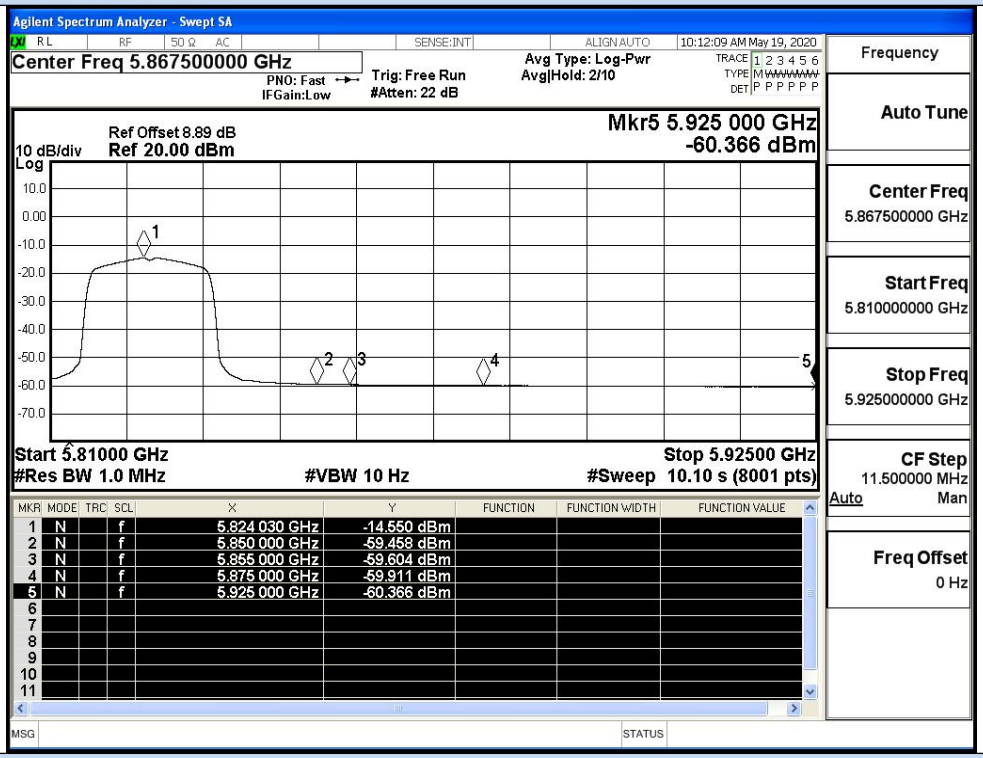
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



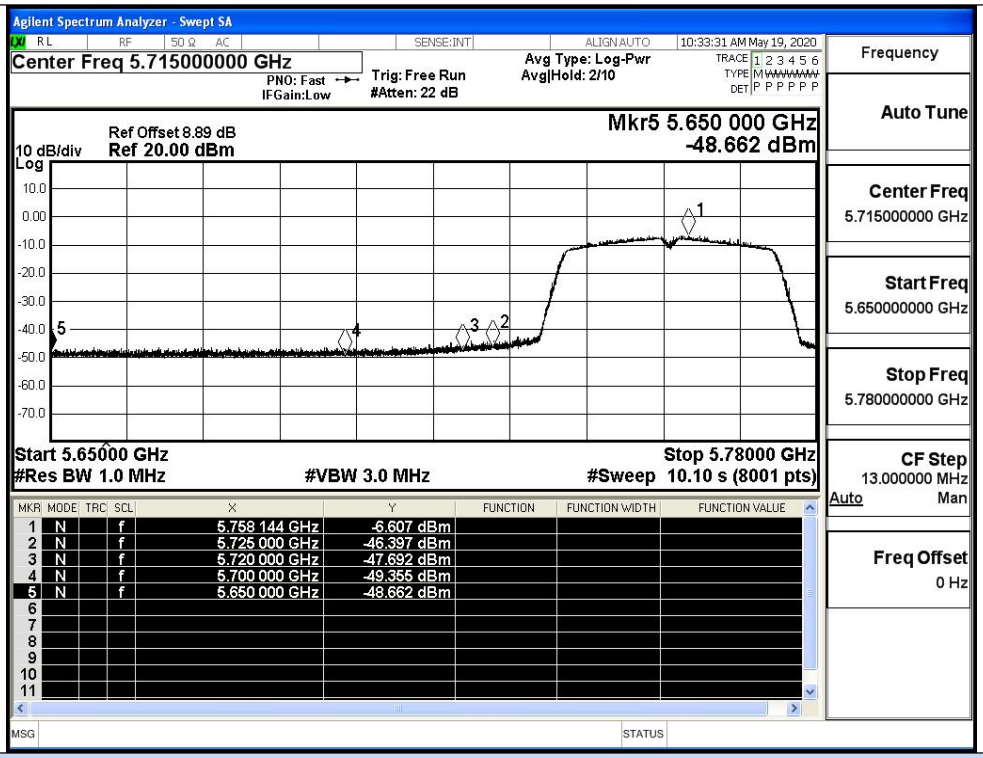
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



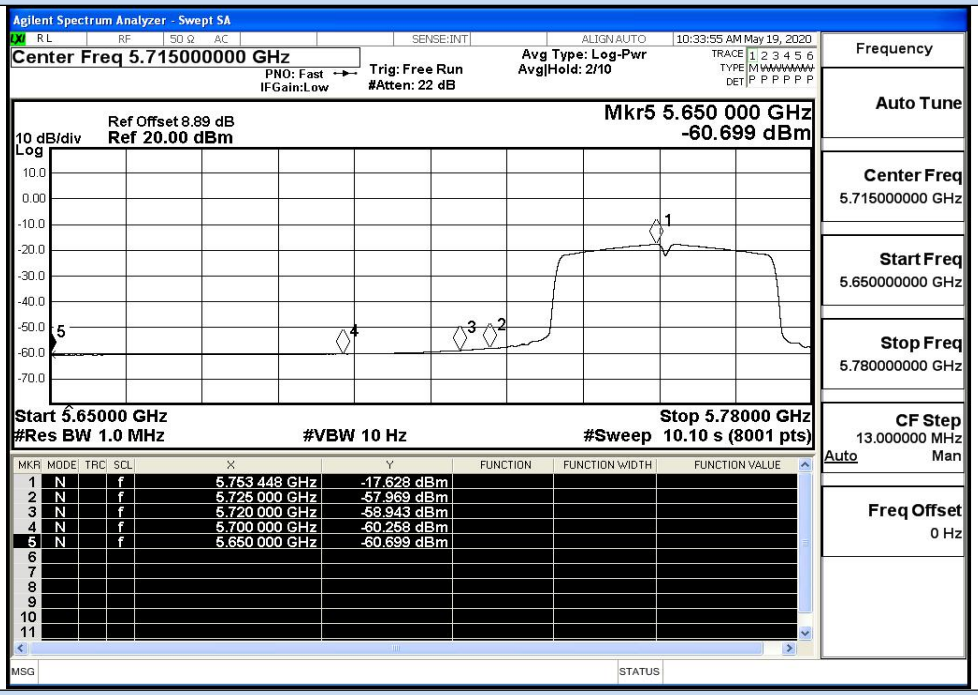
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



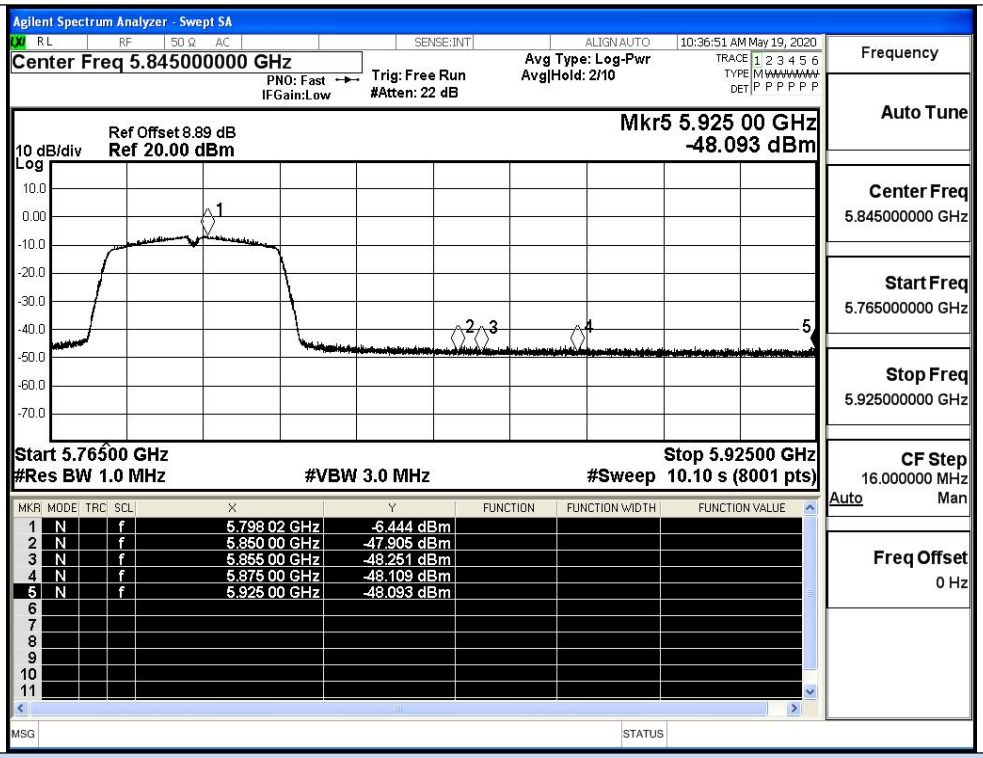
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



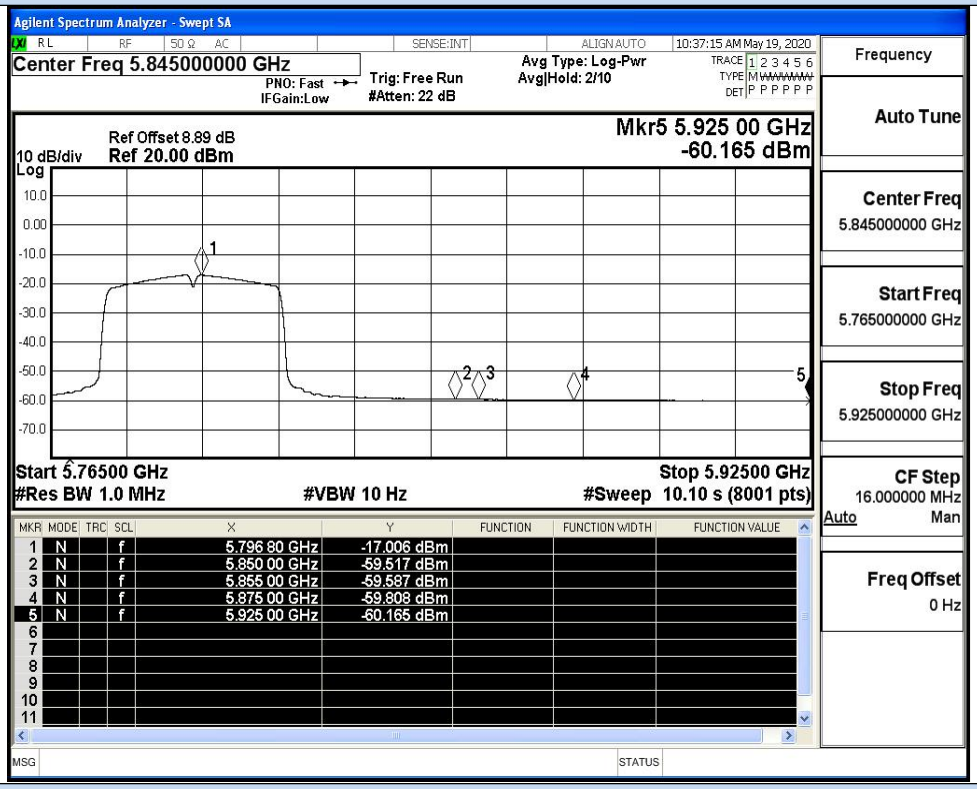
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



IEEE 802.11ac40 / Channel 159 / 5795MHz / Average