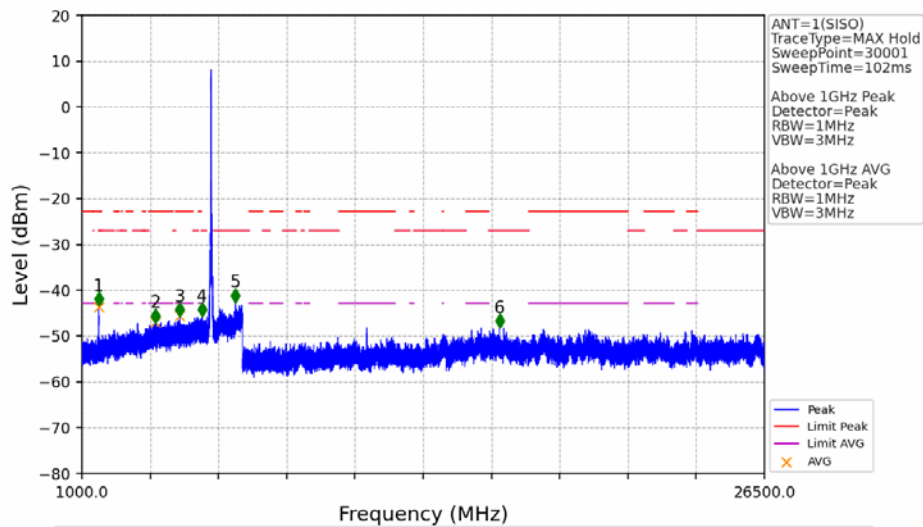
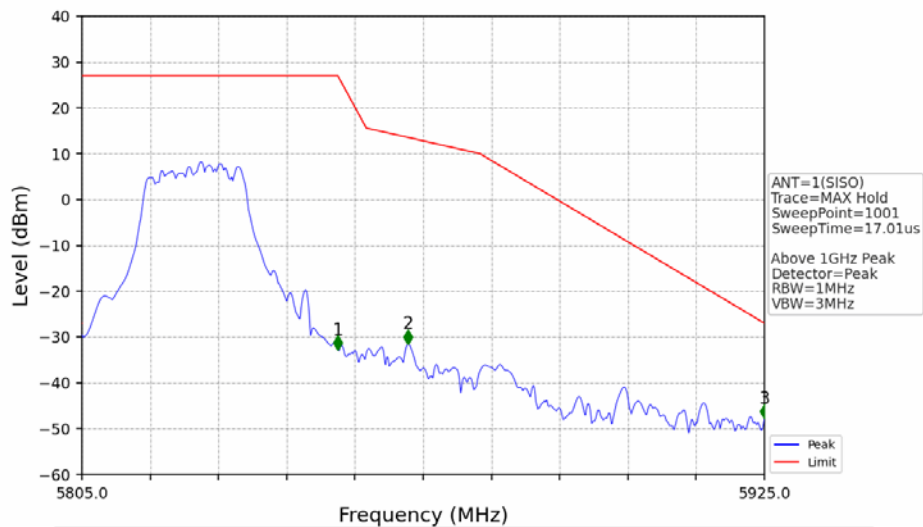


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



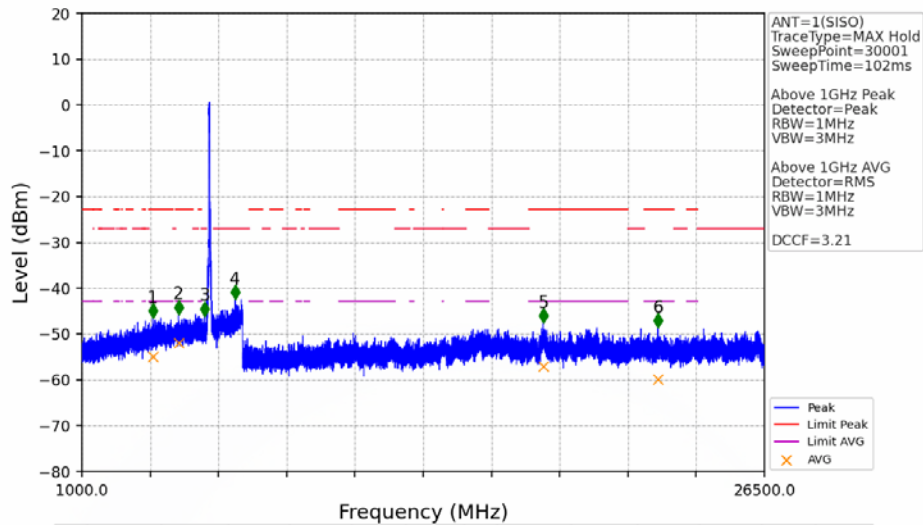
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1622.2	-43.51	-21.20	20.68	Pass	Peak	7	1622.2	-43.58	-41.20	0.76	Pass	AVG
2	3737	-47.11	-21.20	24.29	Pass	Peak	8	3737	-47.04	-41.20	4.22	Pass	AVG
3	4660.1	-45.80	-21.20	22.98	Pass	Peak	9	4660.1	-45.69	-41.20	2.87	Pass	AVG
4	5492.25	-45.79	-27.00	17.17	Pass	Peak	10	5492.25	/	-27.00	/	/	AVG
5	6734.95	-42.72	-27.00	14.10	Pass	Peak	11	6734.95	/	-27.00	/	/	AVG
6	16599.2	-48.22	-27.00	19.59	Pass	Peak	12	16599.2	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



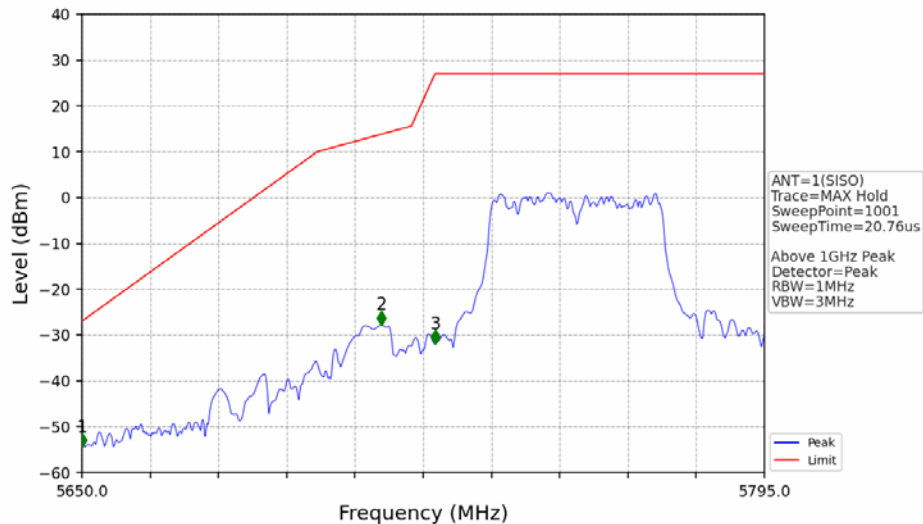
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1622.200	-43.51	-21.20	20.68	Pass	Peak	7	1622.200	-43.58	-41.20	0.76	Pass	AVG
2	3737.000	-47.11	-21.20	24.29	Pass	Peak	8	3737.000	-47.04	-41.20	4.22	Pass	AVG
3	4660.100	-45.80	-21.20	22.98	Pass	Peak	9	4660.100	-45.69	-41.20	2.87	Pass	AVG
4	5492.250	-45.79	-27.00	17.17	Pass	Peak	10	5492.250	-45.79	-27.00	0.00	Pass	AVG
5	6734.950	-42.72	-27.00	14.10	Pass	Peak	11	6734.950	-42.72	-27.00	0.00	Pass	AVG
6	16599.200	-48.22	-27.00	19.59	Pass	Peak	12	16599.200	-48.22	-27.00	0.00	Pass	AVG

802.11n(HT40) LCH 5755MHz_Ant1_NTNV



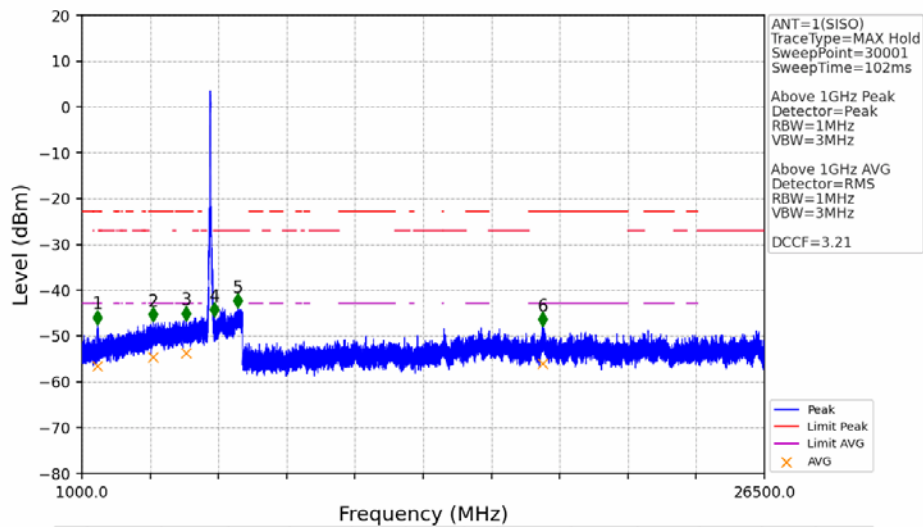
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	3641.8	-46.44	-21.20	23.62	Pass	Peak	7	3641.8	-54.95	-41.20	12.13	Pass	AVG
2	4604	-45.72	-21.20	22.90	Pass	Peak	8	4604	-51.90	-41.20	9.08	Pass	AVG
3	5586.6	-46.05	-27.00	17.43	Pass	Peak	9	5586.6	/	-27.00	/	/	AVG
4	6728.15	-42.40	-27.00	13.78	Pass	Peak	10	6728.15	/	-27.00	/	/	AVG
5	18228.65	-47.63	-21.20	24.81	Pass	Peak	11	18228.65	-57.07	-41.20	14.25	Pass	AVG
6	22519.45	-48.61	-21.20	25.79	Pass	Peak	12	22519.45	-59.93	-41.20	17.11	Pass	AVG

802.11n(HT40) LCH 5755MHz_Ant1_NTNV



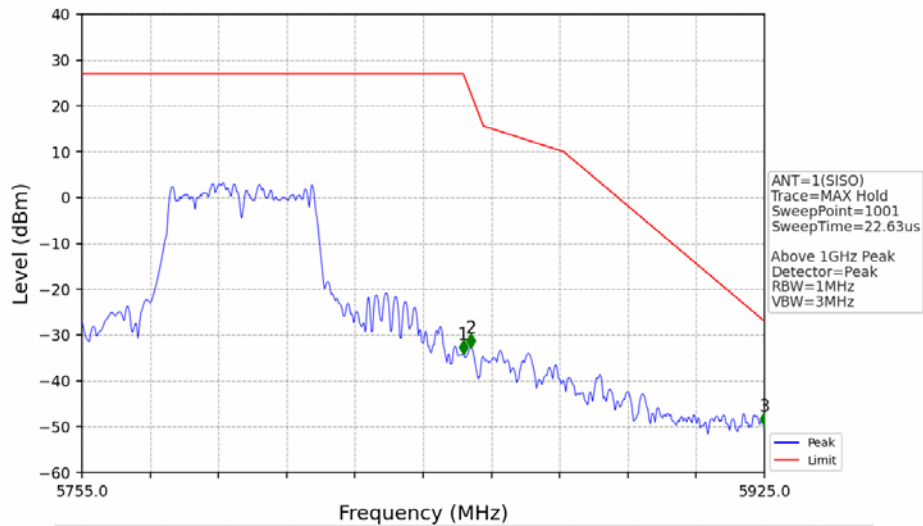
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	3641.800	-46.44	-21.20	23.62	Pass	Peak	7	3641.800	-54.95	-41.20	12.13	Pass	AVG
2	4604.000	-45.72	-21.20	22.90	Pass	Peak	8	4604.000	-51.90	-41.20	9.08	Pass	AVG
3	5586.600	-46.05	-27.00	17.43	Pass	Peak	9	5586.600	-59.99	-27.00	0.00	Pass	AVG
4	6728.150	-42.40	-27.00	13.78	Pass	Peak	10	6728.150	-59.99	-27.00	0.00	Pass	AVG
5	18228.650	-47.63	-21.20	24.81	Pass	Peak	11	18228.650	-57.07	-41.20	14.25	Pass	AVG
6	22519.450	-48.61	-21.20	25.79	Pass	Peak	12	22519.450	-59.93	-41.20	17.11	Pass	AVG

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



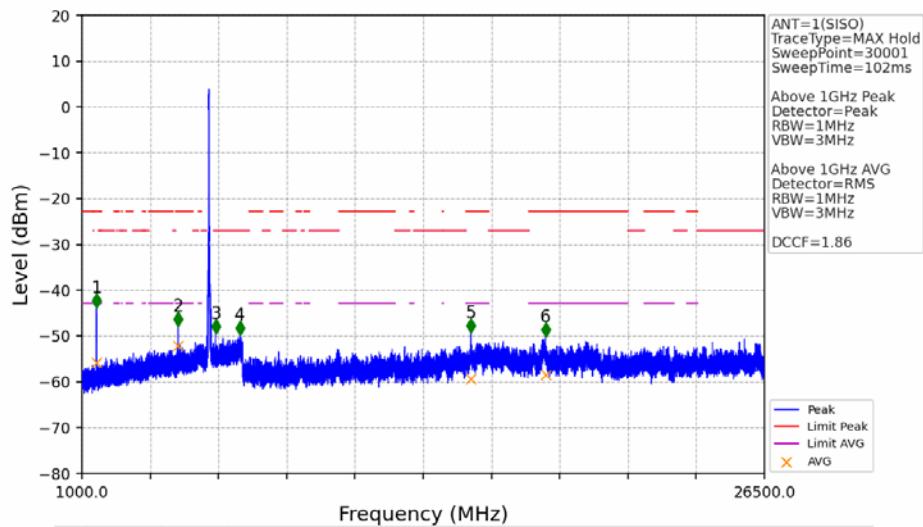
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1583.95	-47.46	-21.20	24.64	Pass	Peak	7	1583.95	-56.59	-41.20	13.77	Pass	AVG
2	3663.05	-46.80	-21.20	23.98	Pass	Peak	8	3663.05	-54.57	-41.20	11.75	Pass	AVG
3	4890.45	-46.57	-21.20	23.75	Pass	Peak	9	4890.45	-53.66	-41.20	10.84	Pass	AVG
4	5952.1	-45.77	-27.00	17.15	Pass	Peak	10	5952.1	/	-27.00	/	/	AVG
5	6830.15	-43.84	-27.00	15.22	Pass	Peak	11	6830.15	/	-27.00	/	/	AVG
6	18210.8	-47.87	-21.20	25.05	Pass	Peak	12	18210.8	-56.02	-41.20	13.20	Pass	AVG

802.11n(HT40) HCH 5795MHz_Ant1_NTNV



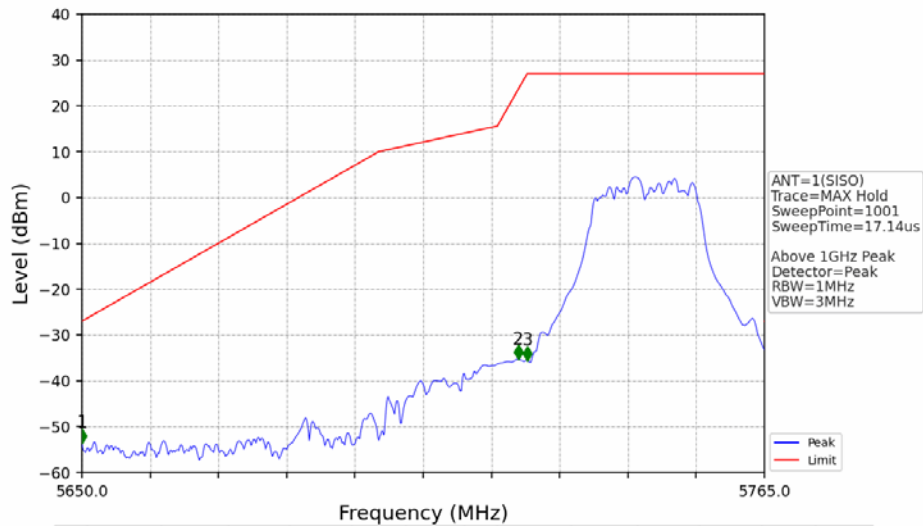
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1583.950	-47.46	-21.20	24.64	Pass	Peak	7	1583.950	-56.59	-41.20	13.77	Pass	AVG
2	3663.050	-46.80	-21.20	23.98	Pass	Peak	8	3663.050	-54.57	-41.20	11.75	Pass	AVG
3	4890.450	-46.57	-21.20	23.75	Pass	Peak	9	4890.450	-53.66	-41.20	10.84	Pass	AVG
4	5952.100	-45.77	-27.00	17.15	Pass	Peak	10	5952.100	-45.77	-27.00	0.00	Pass	AVG
5	6830.150	-43.84	-27.00	15.22	Pass	Peak	11	6830.150	-43.84	-27.00	0.00	Pass	AVG
6	18210.800	-47.87	-21.20	25.05	Pass	Peak	12	18210.800	-56.02	-41.20	13.20	Pass	AVG

802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



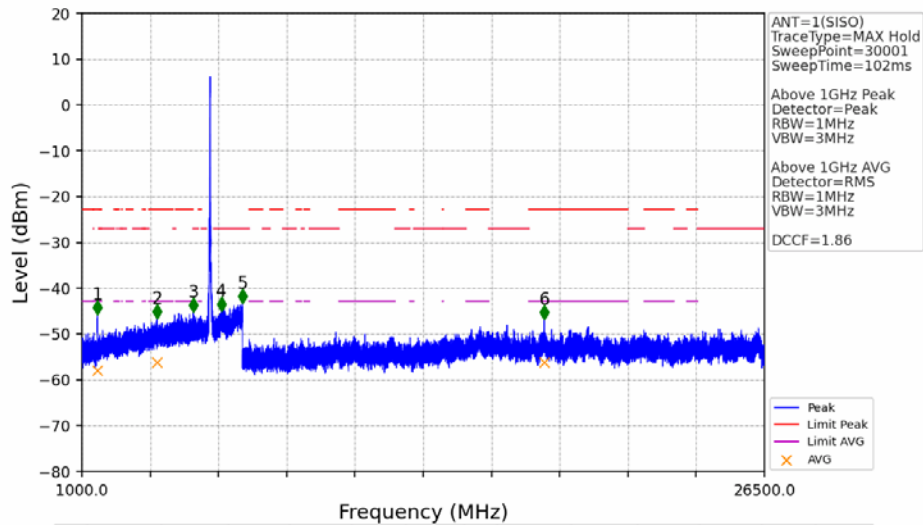
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1539.75	-43.91	-21.20	21.09	Pass	Peak	7	1539.75	-55.76	-41.20	12.94	Pass	AVG
2	4595.5	-47.88	-21.20	25.06	Pass	Peak	8	4595.5	-52.05	-41.20	9.23	Pass	AVG
3	5990.35	-49.52	-27.00	20.90	Pass	Peak	9	5990.35	/	-27.00	/	/	AVG
4	6893.9	-49.81	-27.00	21.19	Pass	Peak	10	6893.9	/	-27.00	/	/	AVG
5	15533.3	-49.38	-21.20	26.56	Pass	Peak	11	15533.3	-59.41	-41.20	16.59	Pass	AVG
6	18317.9	-50.22	-21.20	27.40	Pass	Peak	12	18317.9	-58.55	-41.20	15.73	Pass	AVG

802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



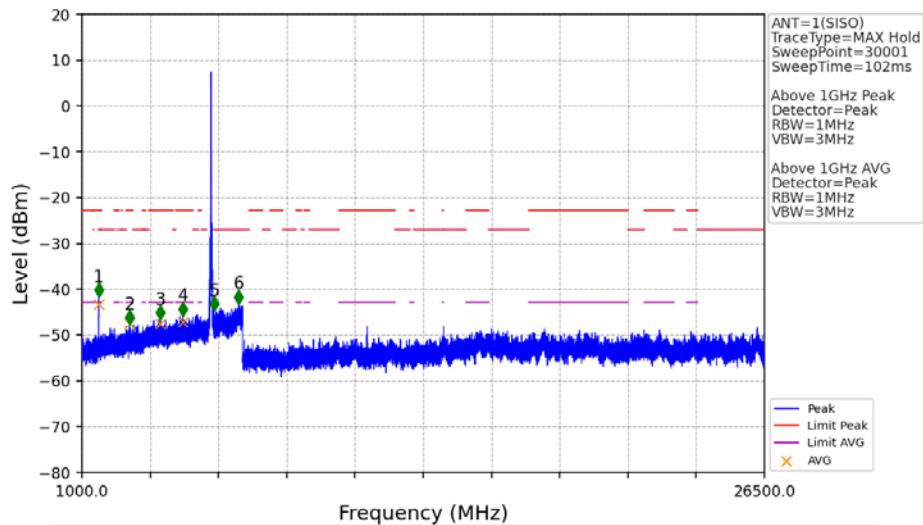
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1539.750	-43.91	-21.20	21.09	Pass	Peak	7	1539.750	-55.76	-41.20	12.94	Pass	AVG
2	4595.500	-47.88	-21.20	25.06	Pass	Peak	8	4595.500	-52.05	-41.20	9.23	Pass	AVG
3	5990.350	-49.52	-27.00	20.90	Pass	Peak	9	5990.350	-49.99999.0	-27.00	0.00	Pass	AVG
4	6893.900	-49.81	-27.00	21.19	Pass	Peak	10	6893.900	-49.99999.0	-27.00	0.00	Pass	AVG
5	15533.300	-49.38	-21.20	26.56	Pass	Peak	11	15533.300	-59.41	-41.20	16.59	Pass	AVG
6	18317.900	-50.22	-21.20	27.40	Pass	Peak	12	18317.900	-58.55	-41.20	15.73	Pass	AVG

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



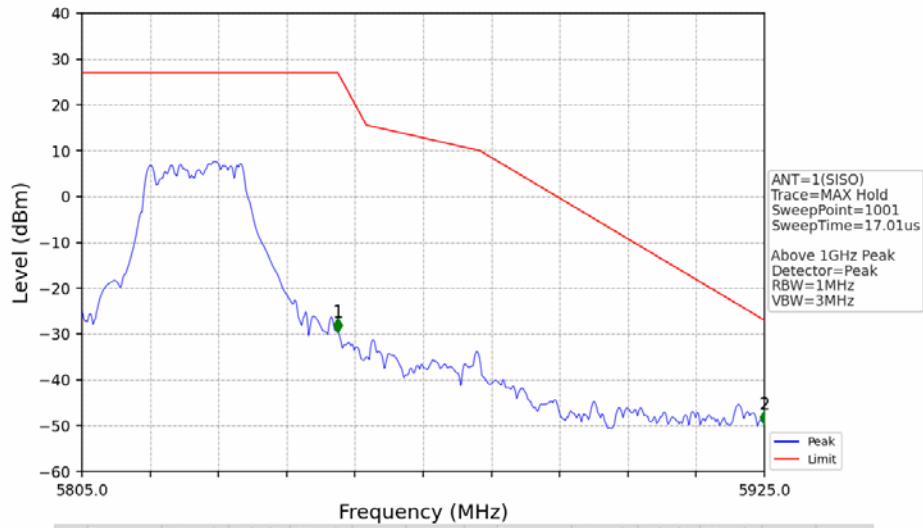
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1579.7	-45.86	-21.20	23.04	Pass	Peak	7	1579.7	-57.95	-41.20	15.13	Pass	AVG
2	3804.15	-46.72	-21.20	23.90	Pass	Peak	8	3804.15	-56.22	-41.20	13.40	Pass	AVG
3	5157.35	-45.24	-27.00	16.62	Pass	Peak	9	5157.35	/	-27.00	/	/	AVG
4	6214.75	-45.10	-27.00	16.48	Pass	Peak	10	6214.75	/	-27.00	/	/	AVG
5	6987.4	-43.28	-27.00	14.66	Pass	Peak	11	6987.4	/	-27.00	/	/	AVG
6	18274.55	-46.88	-21.20	24.06	Pass	Peak	12	18274.55	-56.24	-41.20	13.42	Pass	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



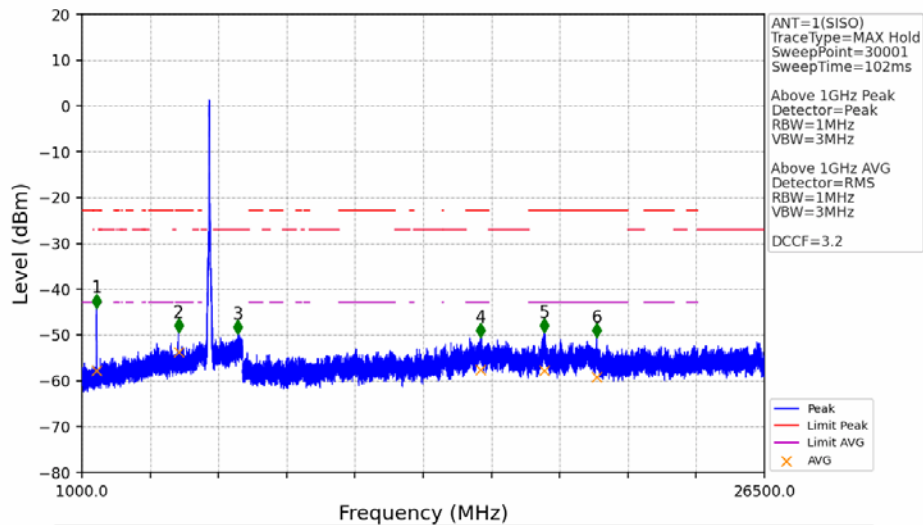
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1623.9	-41.81	-21.20	18.99	Pass	Peak	7	1623.9	-43.29	-41.20	0.47	Pass	AVG
2	2768.85	-47.77	-21.20	24.95	Pass	Peak	8	2768.85	-47.61	-41.20	4.79	Pass	AVG
3	3925.7	-46.63	-21.20	23.82	Pass	Peak	9	3925.7	-47.58	-41.20	4.76	Pass	AVG
4	4775.7	-45.88	-21.20	23.06	Pass	Peak	10	4775.7	-47.23	-41.20	4.41	Pass	AVG
5	5930	-44.74	-27.00	16.12	Pass	Peak	11	5930	/	-27.00	/	/	AVG
6	6855.65	-43.23	-27.00	14.61	Pass	Peak	12	6855.65	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



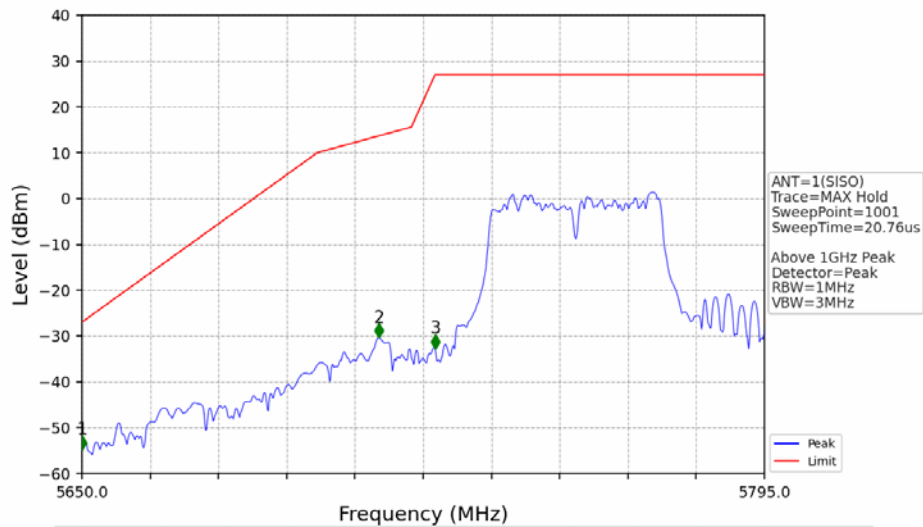
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1623.900	-41.81	-21.20	18.99	Pass	Peak	7	1623.900	-43.29	-41.20	0.47	Pass	AVG
2	2768.850	-47.77	-21.20	24.95	Pass	Peak	8	2768.850	-47.61	-41.20	4.79	Pass	AVG
3	3925.700	-46.63	-21.20	23.82	Pass	Peak	9	3925.700	-47.58	-41.20	4.76	Pass	AVG
4	4775.700	-45.88	-21.20	23.06	Pass	Peak	10	4775.700	-47.23	-41.20	4.41	Pass	AVG
5	5930.000	-44.74	-27.00	16.12	Pass	Peak	11	5930.000	-44.74	-27.00	0.00	Pass	AVG
6	6855.650	-43.23	-27.00	14.61	Pass	Peak	12	6855.650	-43.23	-27.00	0.00	Pass	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



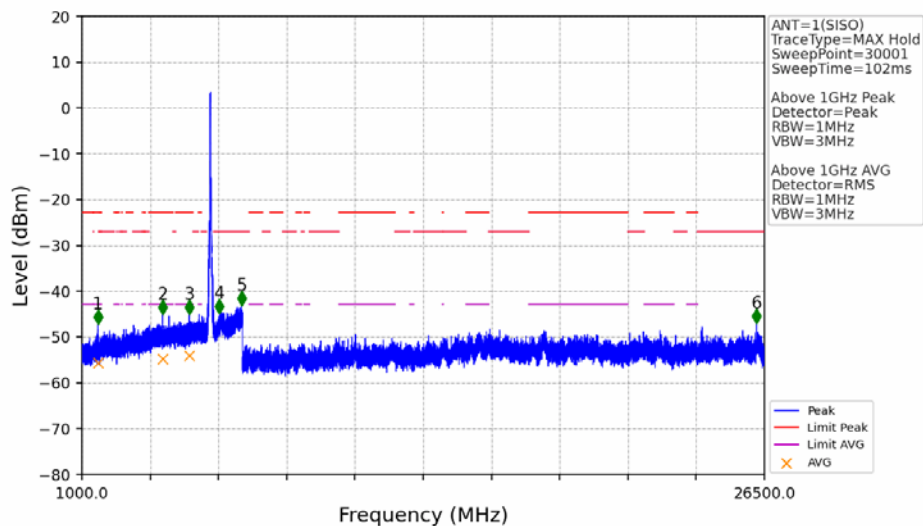
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1547.4	-44.13	-21.20	21.31	Pass	Peak	7	1547.4	-57.77	-41.20	14.95	Pass	AVG
2	4604	-49.55	-21.20	26.73	Pass	Peak	8	4604	-53.67	-41.20	10.85	Pass	AVG
3	6826.75	-49.92	-27.00	21.30	Pass	Peak	9	6826.75	-	-27.00	-	Pass	AVG
4	15902.2	-50.59	-21.20	27.77	Pass	Peak	10	15902.2	-57.65	-41.20	14.82	Pass	AVG
5	18268.6	-49.53	-21.20	26.71	Pass	Peak	11	18268.6	-57.72	-41.20	14.90	Pass	AVG
6	20234.65	-50.59	-21.20	27.77	Pass	Peak	12	20234.65	-59.11	-41.20	16.29	Pass	AVG

802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



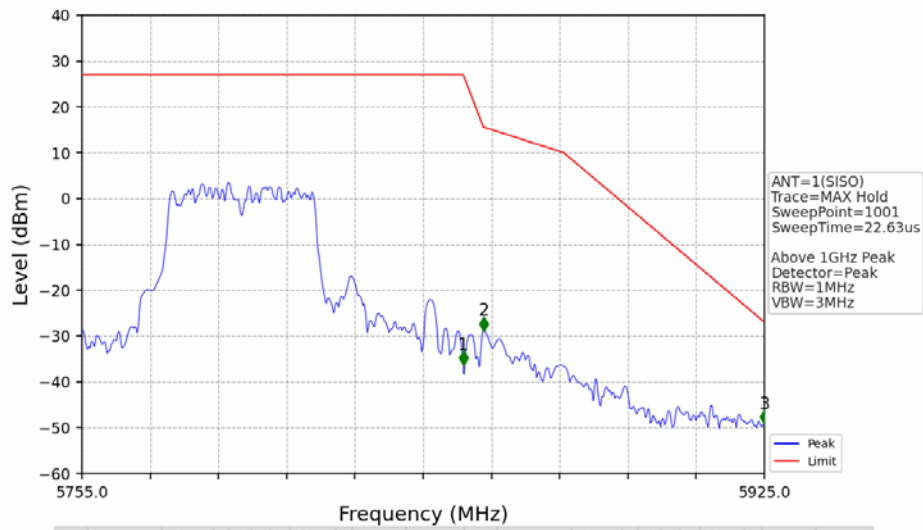
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1547.400	-44.13	-21.20	21.31	Pass	Peak	7	1547.400	-57.77	-41.20	14.95	Pass	AVG
2	4604.000	-49.55	-21.20	26.73	Pass	Peak	8	4604.000	-53.67	-41.20	10.85	Pass	AVG
3	6826.750	-49.92	-27.00	21.30	Pass	Peak	9	6826.750	-49.99	-27.00	0.00	Pass	AVG
4	15902.200	-50.59	-21.20	27.77	Pass	Peak	10	15902.200	-57.65	-41.20	14.82	Pass	AVG
5	18268.600	-49.53	-21.20	26.71	Pass	Peak	11	18268.600	-57.72	-41.20	14.90	Pass	AVG
6	20234.650	-50.59	-21.20	27.77	Pass	Peak	12	20234.650	-59.11	-41.20	16.29	Pass	AVG

802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1593.3	-47.14	-21.20	24.32	Pass	Peak	7	1593.3	-55.67	-41.20	12.85	Pass	AVG
2	4008.15	-45.15	-21.20	22.33	Pass	Peak	8	4008.15	-54.78	-41.20	11.96	Pass	AVG
3	5006.9	-45.07	-21.20	22.25	Pass	Peak	9	5006.9	-54.16	-41.20	11.34	Pass	AVG
4	6139.1	-44.98	-27.00	16.36	Pass	Peak	10	6139.1	/	-27.00	/	/	AVG
5	6955.95	-43.12	-27.00	14.50	Pass	Peak	11	6955.95	/	-27.00	/	/	AVG
6	26208.45	-47.01	-27.00	18.39	Pass	Peak	12	26208.45	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1593.300	-47.14	-21.20	24.32	Pass	Peak	7	1593.300	-55.67	-41.20	12.85	Pass	AVG
2	4008.150	-45.15	-21.20	22.33	Pass	Peak	8	4008.150	-54.78	-41.20	11.96	Pass	AVG
3	5006.900	-45.07	-21.20	22.25	Pass	Peak	9	5006.900	-54.16	-41.20	11.34	Pass	AVG
4	6139.100	-44.98	-27.00	16.36	Pass	Peak	10	6139.100	-49.99	-27.00	0.00	Pass	AVG
5	6955.950	-43.12	-27.00	14.50	Pass	Peak	11	6955.950	-49.99	-27.00	0.00	Pass	AVG
6	26208.450	-47.01	-27.00	18.39	Pass	Peak	12	26208.450	-49.99	-27.00	0.00	Pass	AVG

6. Frequency Stability

6.1 Ant1

6.1.1 Test Result

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5745	20	3.23	5744.881	5725 to 5850	Pass
				3.8	5744.881	5725 to 5850	Pass
				4.37	5744.881	5725 to 5850	Pass
			-30	3.8	5744.882	5725 to 5850	Pass
			-20	3.8	5744.882	5725 to 5850	Pass
			-10	3.8	5744.882	5725 to 5850	Pass
			0	3.8	5744.882	5725 to 5850	Pass
			10	3.8	5744.882	5725 to 5850	Pass
			30	3.8	5744.882	5725 to 5850	Pass
			40	3.8	5744.882	5725 to 5850	Pass
			50	3.8	5744.882	5725 to 5850	Pass
		5785	20	3.23	5784.880	5725 to 5850	Pass
				3.8	5784.881	5725 to 5850	Pass
				4.37	5784.881	5725 to 5850	Pass
			-30	3.8	5784.881	5725 to 5850	Pass
			-20	3.8	5784.881	5725 to 5850	Pass
			-10	3.8	5784.882	5725 to 5850	Pass
			0	3.8	5784.882	5725 to 5850	Pass
			10	3.8	5784.882	5725 to 5850	Pass
			30	3.8	5784.882	5725 to 5850	Pass
			40	3.8	5784.882	5725 to 5850	Pass
			50	3.8	5784.882	5725 to 5850	Pass
		5825	20	3.23	5824.878	5725 to 5850	Pass
				3.8	5824.879	5725 to 5850	Pass
				4.37	5824.880	5725 to 5850	Pass
			-30	3.8	5824.880	5725 to 5850	Pass
			-20	3.8	5824.880	5725 to 5850	Pass
			-10	3.8	5824.880	5725 to 5850	Pass
			0	3.8	5824.880	5725 to 5850	Pass
			10	3.8	5824.880	5725 to 5850	Pass
			30	3.8	5824.880	5725 to 5850	Pass
			40	3.8	5824.881	5725 to 5850	Pass
			50	3.8	5824.881	5725 to 5850	Pass
		5755	20	3.23	5754.883	5725 to 5850	Pass
				3.8	5754.883	5725 to 5850	Pass
				4.37	5754.883	5725 to 5850	Pass
			-30	3.8	5754.883	5725 to 5850	Pass
			-20	3.8	5754.883	5725 to 5850	Pass
			-10	3.8	5754.883	5725 to 5850	Pass
			0	3.8	5754.883	5725 to 5850	Pass
			10	3.8	5754.883	5725 to 5850	Pass
			30	3.8	5754.883	5725 to 5850	Pass
			40	3.8	5754.883	5725 to 5850	Pass
			50	3.8	5754.883	5725 to 5850	Pass
		5795	20	3.23	5794.882	5725 to 5850	Pass
				3.8	5794.882	5725 to 5850	Pass
				4.37	5794.882	5725 to 5850	Pass
			-30	3.8	5794.882	5725 to 5850	Pass

			-20	3.8	5794.882	5725 to 5850	Pass
			-10	3.8	5794.882	5725 to 5850	Pass
			0	3.8	5794.882	5725 to 5850	Pass
			10	3.8	5794.882	5725 to 5850	Pass
			30	3.8	5794.882	5725 to 5850	Pass
			40	3.8	5794.882	5725 to 5850	Pass
			50	3.8	5794.882	5725 to 5850	Pass

▶▶▶ END ◀◀◀

