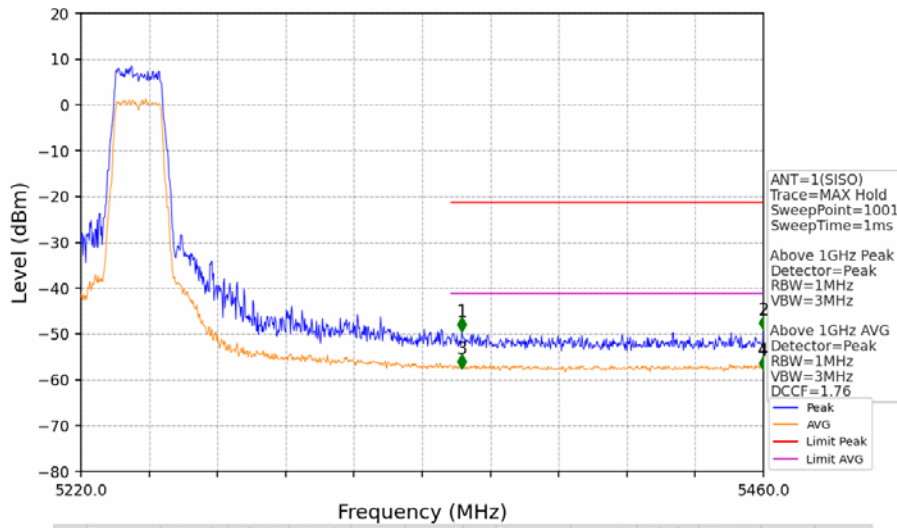
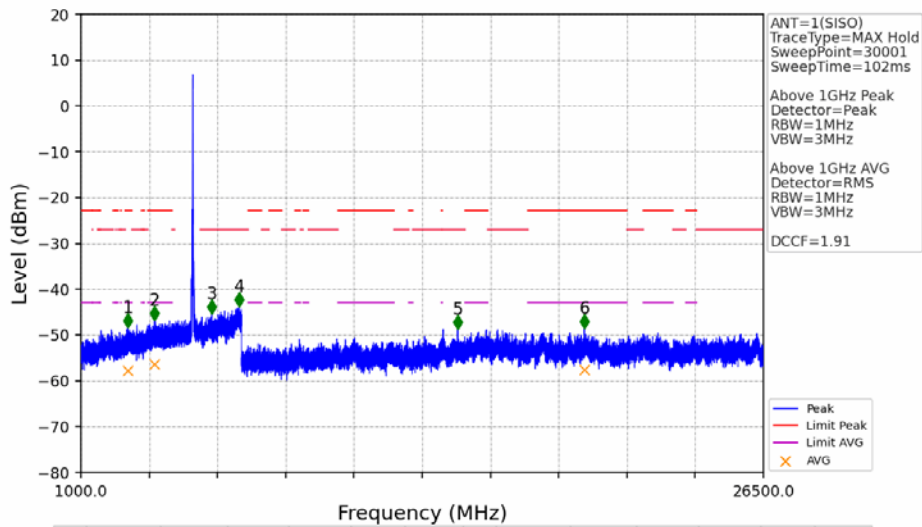


802.11a_HCH_5240MHz_Ant1_NTNV



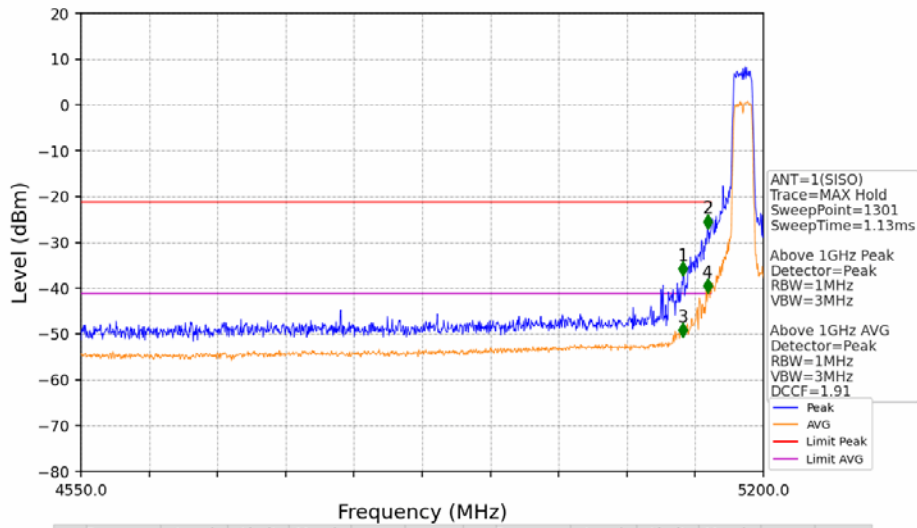
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5353.920	-49.52	-21.20	26.64	Pass	Peak	3	5353.920	/	-21.20	/	/	AVG
2	5460.000	-49.18	-21.20	26.30	Pass	Peak	4	5460.000	/	-21.20	/	/	AVG

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

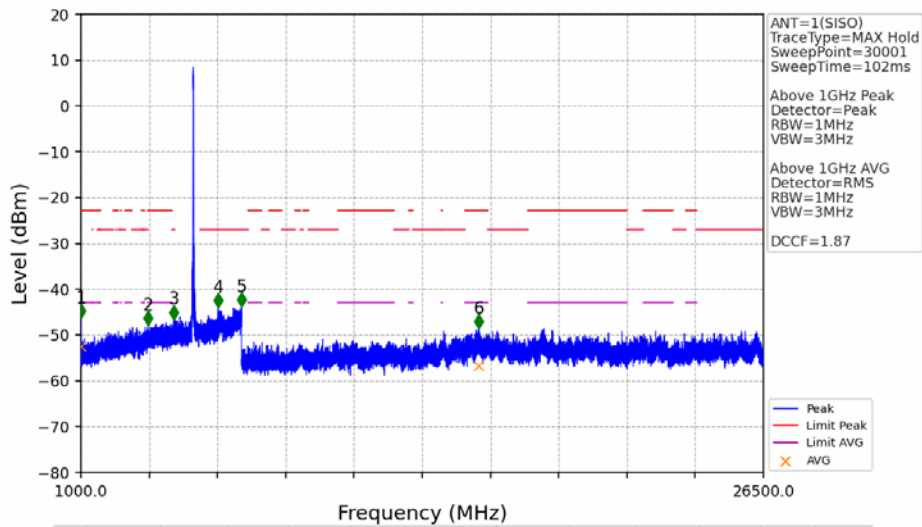


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2750.15	-48.44	-21.20	25.56	Pass	Peak	7	2750.15	-57.72	-41.20	14.84	Pass	AVG
2	3748.05	-46.89	-21.20	24.01	Pass	Peak	8	3748.05	-56.41	-41.20	13.53	Pass	AVG
3	5890.05	-45.50	-27.00	16.82	Pass	Peak	9	5890.05	/	-27.00	/	/	AVG
4	6917.7	-43.88	-27.00	15.20	Pass	Peak	10	6917.7	/	-27.00	/	/	AVG
5	15077.7	-48.73	-27.00	20.05	Pass	Peak	11	15077.7	/	-27.00	/	/	AVG
6	19805.4	-48.57	-21.20	25.69	Pass	Peak	12	19805.4	-57.57	-41.20	14.69	Pass	AVG

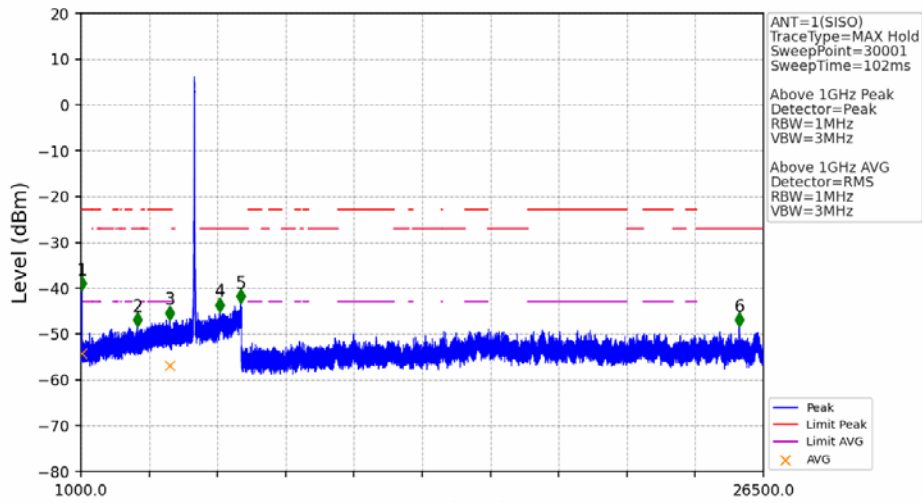
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

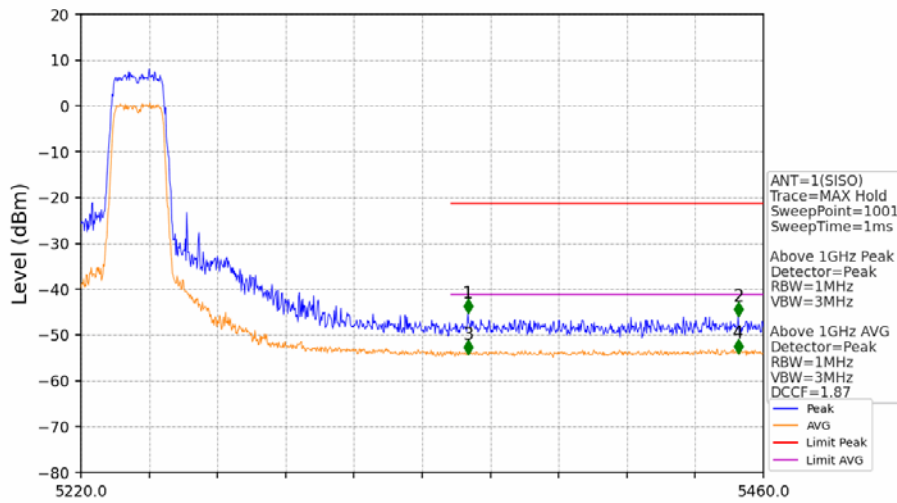


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



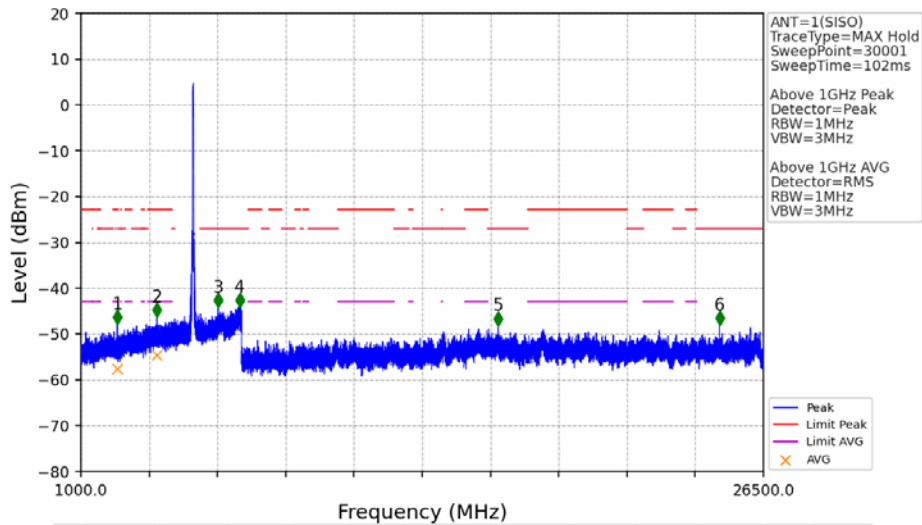
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1034.85	-40.45	-21.20	17.57	Pass	Peak	7	1034.85	-54.28	-41.20	11.40	Pass	AVG
2	3102.05	-48.39	-27.00	19.71	Pass	Peak	8	3102.05	/	-27.00	/	/	AVG
3	4318.4	-46.93	-21.20	24.05	Pass	Peak	9	4318.4	-56.84	-41.20	13.96	Pass	AVG
4	6192.65	-45.18	-27.00	16.50	Pass	Peak	10	6192.65	/	-27.00	/	/	AVG
5	6972.1	-43.35	-27.00	14.67	Pass	Peak	11	6972.1	/	-27.00	/	/	AVG
6	25594.75	-48.43	-27.00	19.75	Pass	Peak	12	25594.75	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



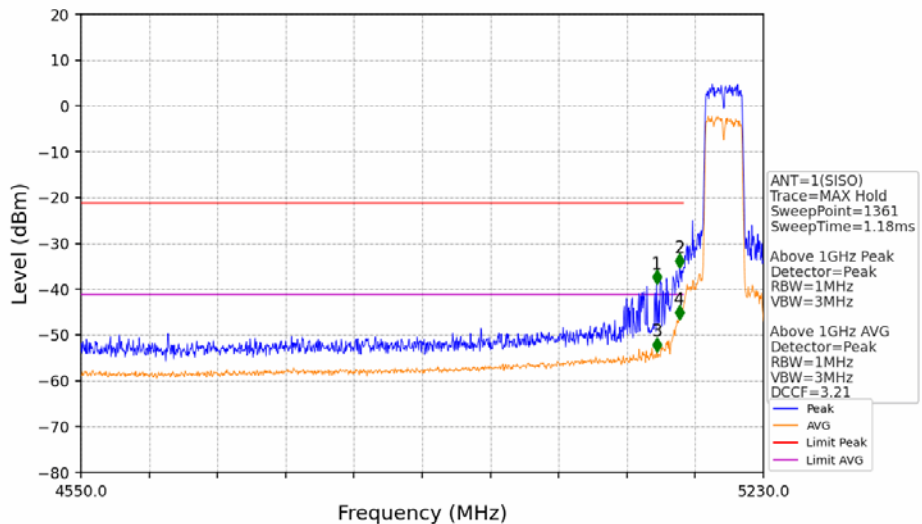
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5356.080	-45.33	-21.20	22.45	Pass	Peak	3	5356.080	/	-21.20	/	/	AVG
2	5451.120	-46.01	-21.20	23.13	Pass	Peak	4	5451.120	/	-21.20	/	/	AVG

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



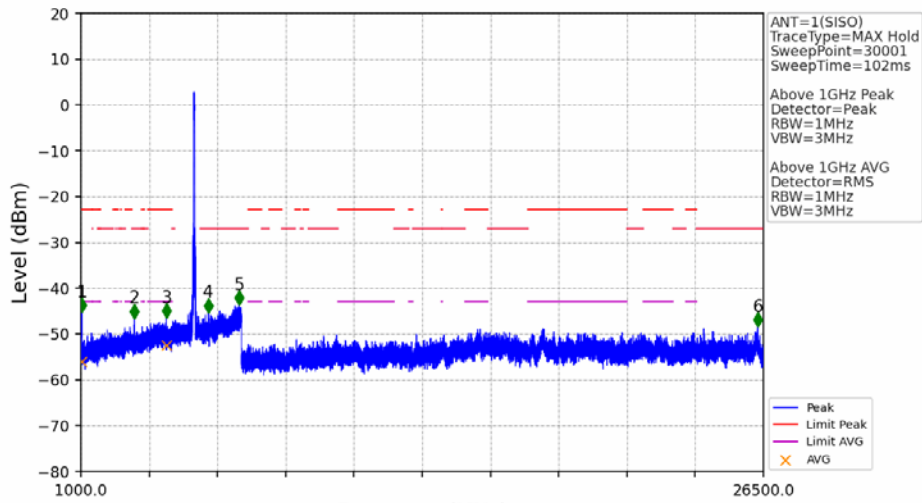
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2358.3	-47.91	-21.20	25.03	Pass	Peak	7	2358.3	-57.57	-41.20	14.69	Pass	AVG
2	3840.7	-46.33	-21.20	23.45	Pass	Peak	8	3840.7	-54.69	-41.20	11.81	Pass	AVG
3	6129.75	-44.21	-27.00	15.53	Pass	Peak	9	6129.75	/	-27.00	/	/	AVG
4	6930.45	-44.15	-27.00	15.47	Pass	Peak	10	6930.45	/	-27.00	/	/	AVG
5	16591.55	-48.19	-27.00	19.51	Pass	Peak	11	16591.55	/	-27.00	/	/	AVG
6	24857.8	-48.09	-27.00	19.41	Pass	Peak	12	24857.8	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



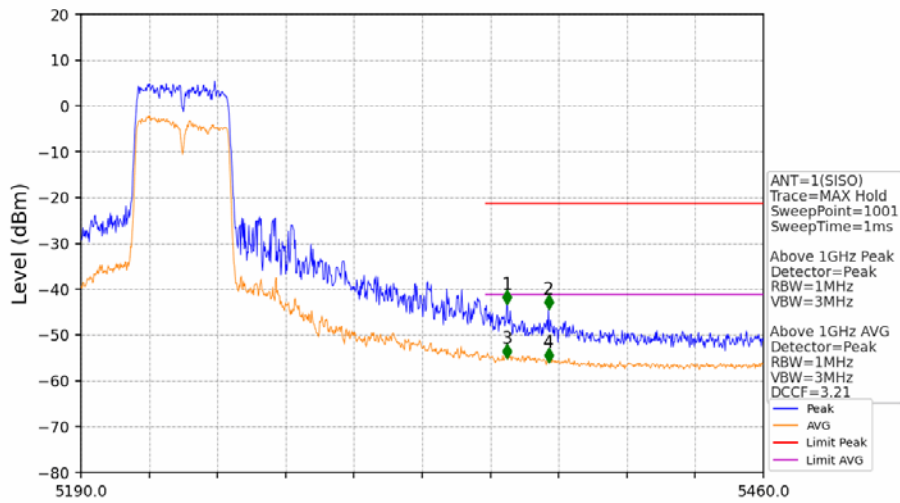
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5123.500	-38.88	-21.20	16.00	Pass	Peak	3	5123.500	/	-21.20	/	/	AVG
2	5146.500	-35.41	-21.20	12.53	Pass	Peak	4	5146.500	/	-21.20	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



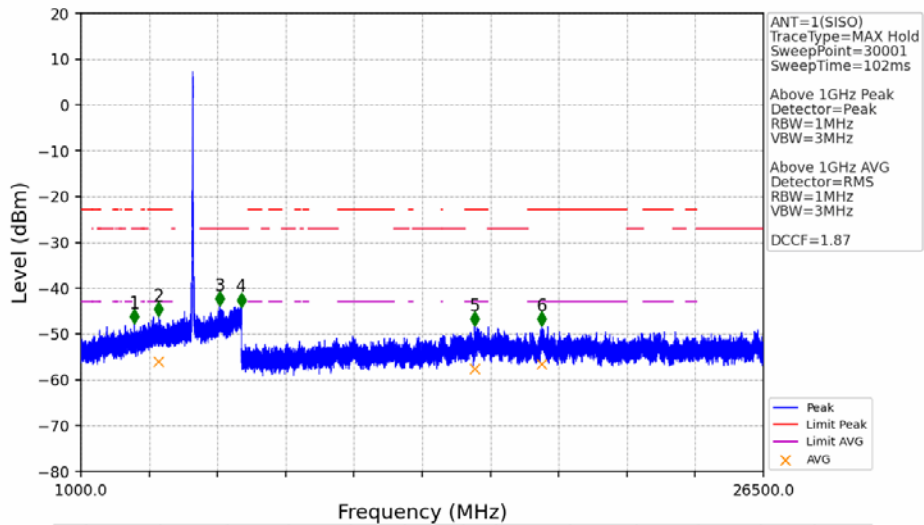
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1028.05	-45.20	-21.20	22.32	Pass	Peak	7	1028.05	-56.07	-41.20	13.19	Pass	AVG
2	2997.5	-46.60	-27.00	17.92	Pass	Peak	8	2997.5	/	-27.00	/	/	AVG
3	4183.25	-46.52	-21.20	23.64	Pass	Peak	9	4183.25	-52.41	-41.20	9.53	Pass	AVG
4	5760	-45.36	-27.00	16.68	Pass	Peak	10	5760	/	-27.00	/	/	AVG
5	6901.55	-43.68	-27.00	15.00	Pass	Peak	11	6901.55	/	-27.00	/	/	AVG
6	26285.8	-48.38	-27.00	19.70	Pass	Peak	12	26285.8	/	-27.00	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



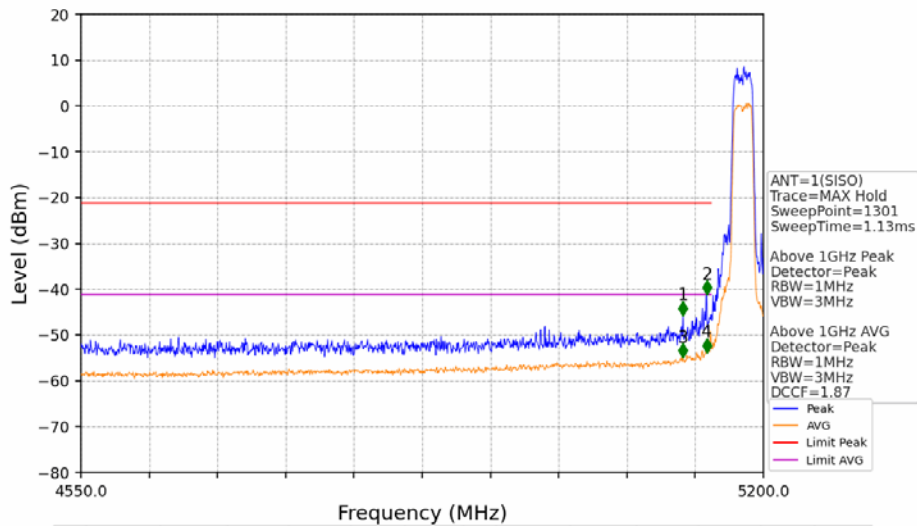
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5358.480	-43.33	-21.20	20.45	Pass	Peak	3	5358.480	/	-21.20	/	/	AVG
2	5374.950	-44.45	-21.20	21.57	Pass	Peak	4	5374.950	/	-21.20	/	/	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



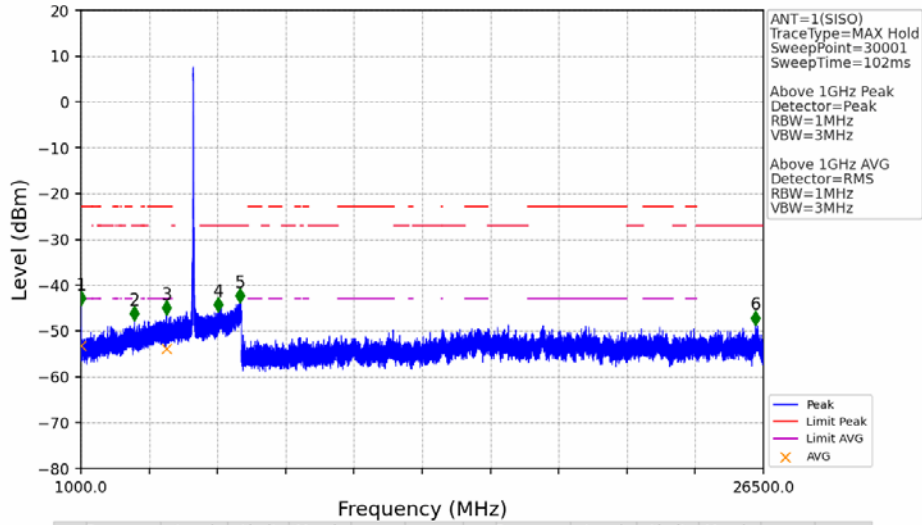
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	2995.8	-47.72	-27.00	19.04	Pass	Peak	7	2995.8	/	-27.00	/	/	AVG
2	3907	-46.14	-21.20	23.26	Pass	Peak	8	3907	-56.00	-41.20	13.12	Pass	AVG
3	6179.05	-43.88	-27.00	15.20	Pass	Peak	9	6179.05	/	-27.00	/	/	AVG
4	7000.15	-44.13	-27.00	15.45	Pass	Peak	10	7000.15	/	-27.00	/	/	AVG
5	15707.55	-48.28	-21.20	25.40	Pass	Peak	11	15707.55	-57.53	-41.20	14.65	Pass	AVG
6	18224.4	-48.23	-21.20	25.35	Pass	Peak	12	18224.4	-56.62	-41.20	13.74	Pass	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



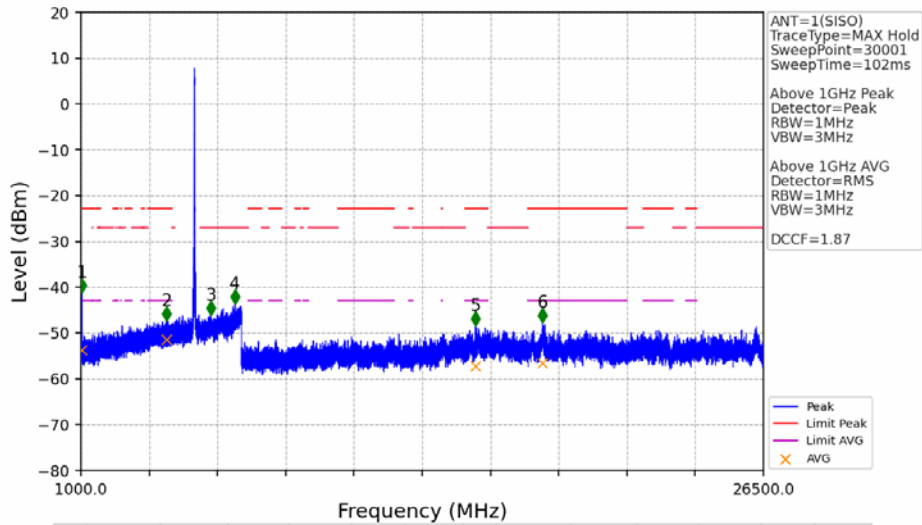
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5123.500	-45.71	-21.20	22.83	Pass	Peak	3	5123.500	/	-21.20	/	/	AVG
2	5146.000	-41.22	-21.20	18.34	Pass	Peak	4	5146.000	/	-21.20	/	/	AVG

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



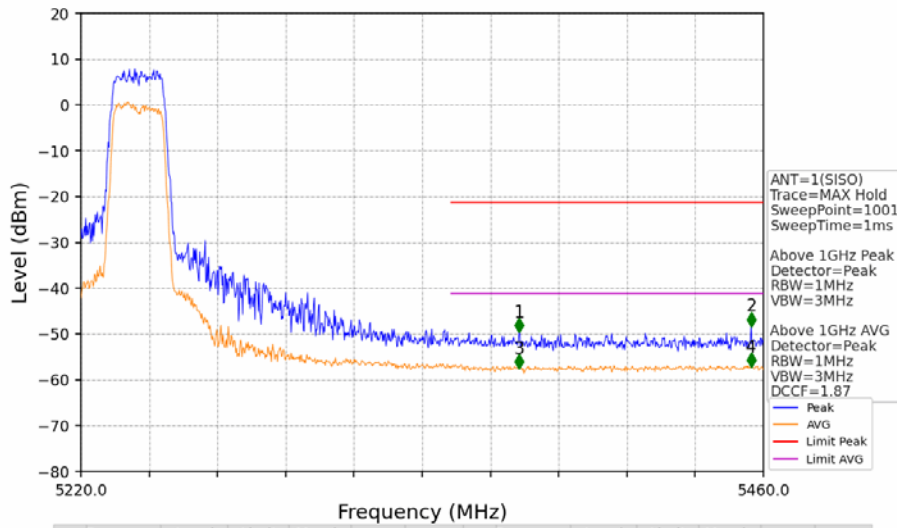
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1000	-44.34	-21.20	21.46	Pass	Peak	7	1000	-53.13	-41.20	10.25	Pass	AVG
2	3003.45	-47.73	-27.00	19.05	Pass	Peak	8	3003.45	/	-27.00	/	/	AVG
3	4193.45	-46.45	-21.20	23.57	Pass	Peak	9	4193.45	-53.92	-41.20	11.04	Pass	AVG
4	6137.4	-45.77	-27.00	17.09	Pass	Peak	10	6137.4	/	-27.00	/	/	AVG
5	6931.3	-43.87	-27.00	15.19	Pass	Peak	11	6931.3	/	-27.00	/	/	AVG
6	26206.75	-48.71	-27.00	20.03	Pass	Peak	12	26206.75	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



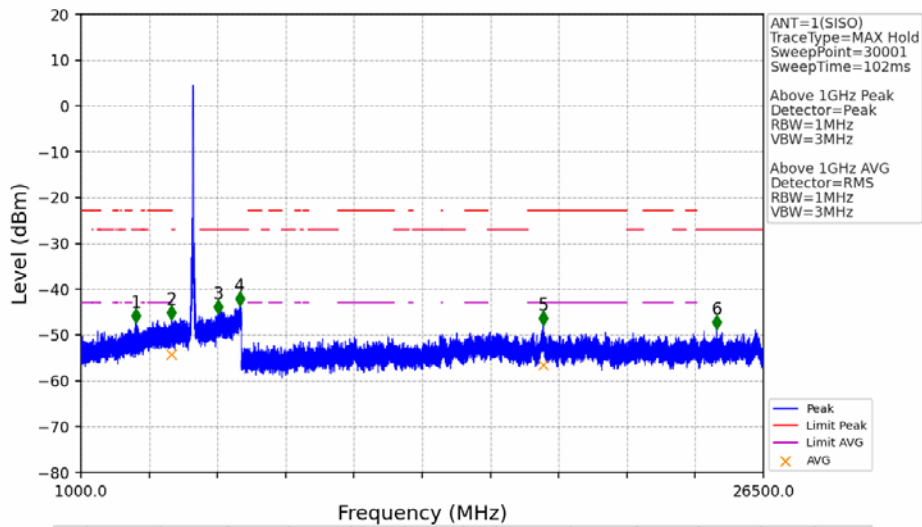
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	1034.85	-41.24	-21.20	18.36	Pass	Peak	7	1034.85	-53.66	-41.20	10.78	Pass	AVG
2	4191.75	-47.45	-21.20	24.57	Pass	Peak	8	4191.75	-51.39	-41.20	8.51	Pass	AVG
3	5849.25	-46.16	-27.00	17.48	Pass	Peak	9	5849.25	/	-27.00	/	/	AVG
4	6751.1	-43.75	-27.00	15.07	Pass	Peak	10	6751.1	/	-27.00	/	/	AVG
5	15742.4	-48.49	-21.20	25.61	Pass	Peak	11	15742.4	-57.32	-41.20	14.44	Pass	AVG
6	18249.9	-47.73	-21.20	24.85	Pass	Peak	12	18249.9	-56.58	-41.20	13.70	Pass	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



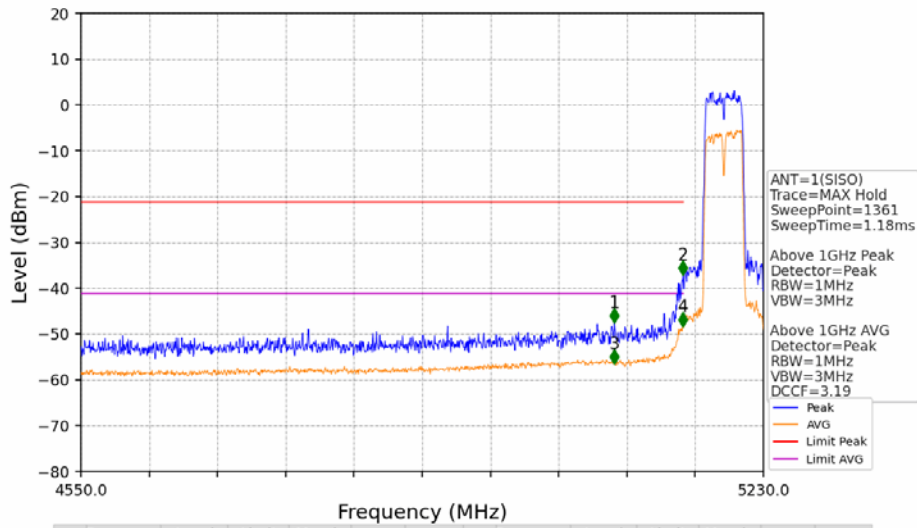
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5374.080	-49.69	-21.20	26.81	Pass	Peak	3	5374.080	/	-21.20	/	/	AVG
2	5455.680	-48.37	-21.20	25.48	Pass	Peak	4	5455.680	/	-21.20	/	/	AVG

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



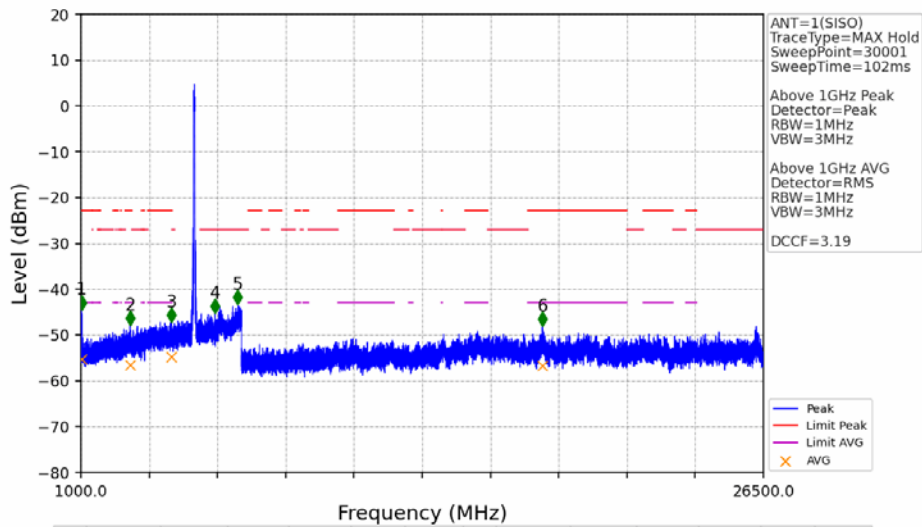
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	3049.35	-47.38	-27.00	18.70	Pass	Peak	7	3049.35	/	-27.00	/	/	AVG
2	4386.4	-46.62	-21.20	23.75	Pass	Peak	8	4386.4	-54.33	-41.20	11.45	Pass	AVG
3	6123.8	-45.39	-27.00	16.71	Pass	Peak	9	6123.8	/	-27.00	/	/	AVG
4	6939.8	-43.73	-27.00	15.05	Pass	Peak	10	6939.8	/	-27.00	/	/	AVG
5	18272	-47.89	-21.20	25.01	Pass	Peak	11	18272	-56.58	-41.20	13.70	Pass	AVG
6	24757.5	-48.79	-27.00	20.11	Pass	Peak	12	24757.5	/	-27.00	/	/	AVG

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



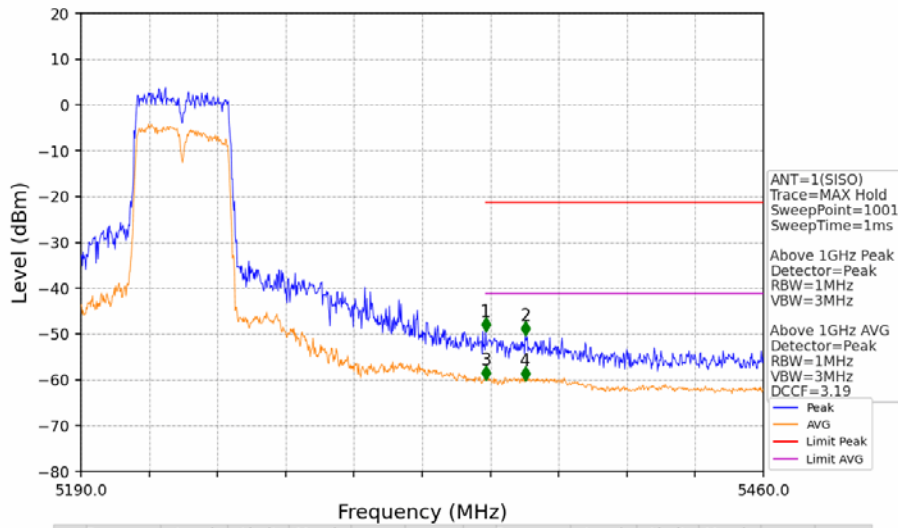
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5081.500	-47.54	-21.20	24.66	Pass	Peak	3	5081.500	/	-21.20	/	/	AVG
2	5150.000	-37.18	-21.20	14.30	Pass	Peak	4	5150.000	/	-21.20	/	/	AVG

802.11ac(VHT40)_HCH_5230MHz_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	1018.7	-44.49	-21.20	21.61	Pass	Peak	7	1018.7	-55.38	-41.20	12.50	Pass	AVG
2	2831.75	-47.86	-21.20	24.98	Pass	Peak	8	2831.75	-56.47	-41.20	13.59	Pass	AVG
3	4377.9	-47.22	-21.20	24.34	Pass	Peak	9	4377.9	-54.83	-41.20	11.95	Pass	AVG
4	6010.75	-45.23	-27.00	16.55	Pass	Peak	10	6010.75	/	-27.00	/	/	AVG
5	6862.45	-43.37	-27.00	14.69	Pass	Peak	11	6862.45	/	-27.00	/	/	AVG
6	18243.1	-48.10	-21.20	25.22	Pass	Peak	12	18243.1	-56.69	-41.20	13.81	Pass	AVG

802.11ac(VHT40)_HCH_5230MHz_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	5350.110	-49.48	-21.20	26.60	Pass	Peak	3	5350.110	/	-21.20	/	/	AVG
2	5365.770	-50.37	-21.20	27.49	Pass	Peak	4	5365.770	/	-21.20	/	/	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	5180	20	3.23	5179.891	5150 to 5250	Pass	
				3.8	5179.892	5150 to 5250	Pass	
				4.37	5179.892	5150 to 5250	Pass	
			-30	3.8	5179.893	5150 to 5250	Pass	
				-20	3.8	5179.893	5150 to 5250	Pass
				-10	3.8	5179.893	5150 to 5250	Pass
			0	3.8	5179.893	5150 to 5250	Pass	
				10	3.8	5179.894	5150 to 5250	Pass
				30	3.8	5179.894	5150 to 5250	Pass
				40	3.8	5179.894	5150 to 5250	Pass
				50	3.8	5179.894	5150 to 5250	Pass
				5200	20	3.23	5199.892	5150 to 5250
		3.8				5199.892	5150 to 5250	Pass
		4.37				5199.892	5150 to 5250	Pass
		-30	3.8	5199.893	5150 to 5250	Pass		
			-20	3.8	5199.893	5150 to 5250	Pass	
			-10	3.8	5199.893	5150 to 5250	Pass	
			0	3.8	5199.893	5150 to 5250	Pass	
				10	3.8	5199.893	5150 to 5250	Pass
				30	3.8	5199.893	5150 to 5250	Pass
				40	3.8	5199.893	5150 to 5250	Pass
				50	3.8	5199.894	5150 to 5250	Pass
		5240		20	3.23	5239.891	5150 to 5250	Pass
					3.8	5239.891	5150 to 5250	Pass
					4.37	5239.891	5150 to 5250	Pass
			-30	3.8	5239.891	5150 to 5250	Pass	
				-20	3.8	5239.892	5150 to 5250	Pass
				-10	3.8	5239.892	5150 to 5250	Pass
			0	3.8	5239.892	5150 to 5250	Pass	
				10	3.8	5239.892	5150 to 5250	Pass
				30	3.8	5239.892	5150 to 5250	Pass
				40	3.8	5239.892	5150 to 5250	Pass
				50	3.8	5239.893	5150 to 5250	Pass
				5190	20	3.23	5189.892	5150 to 5250
		3.8				5189.892	5150 to 5250	Pass
		4.37				5189.892	5150 to 5250	Pass
		-30	3.8		5189.892	5150 to 5250	Pass	
			-20		3.8	5189.892	5150 to 5250	Pass
			-10		3.8	5189.892	5150 to 5250	Pass
		0	3.8		5189.892	5150 to 5250	Pass	
			10		3.8	5189.892	5150 to 5250	Pass
			30		3.8	5189.892	5150 to 5250	Pass
40	3.8		5189.892		5150 to 5250	Pass		
50	3.8		5189.892		5150 to 5250	Pass		
5230	20		3.23		5229.893	5150 to 5250	Pass	
			3.8	5229.893	5150 to 5250	Pass		
			4.37	5229.893	5150 to 5250	Pass		
	-30	3.8	5229.893	5150 to 5250	Pass			

			-20	3.8	5229.893	5150 to 5250	Pass
			-10	3.8	5229.893	5150 to 5250	Pass
			0	3.8	5229.893	5150 to 5250	Pass
			10	3.8	5229.893	5150 to 5250	Pass
			30	3.8	5229.893	5150 to 5250	Pass
			40	3.8	5229.893	5150 to 5250	Pass
			50	3.8	5229.893	5150 to 5250	Pass

▶▶▶ END ◀◀◀

