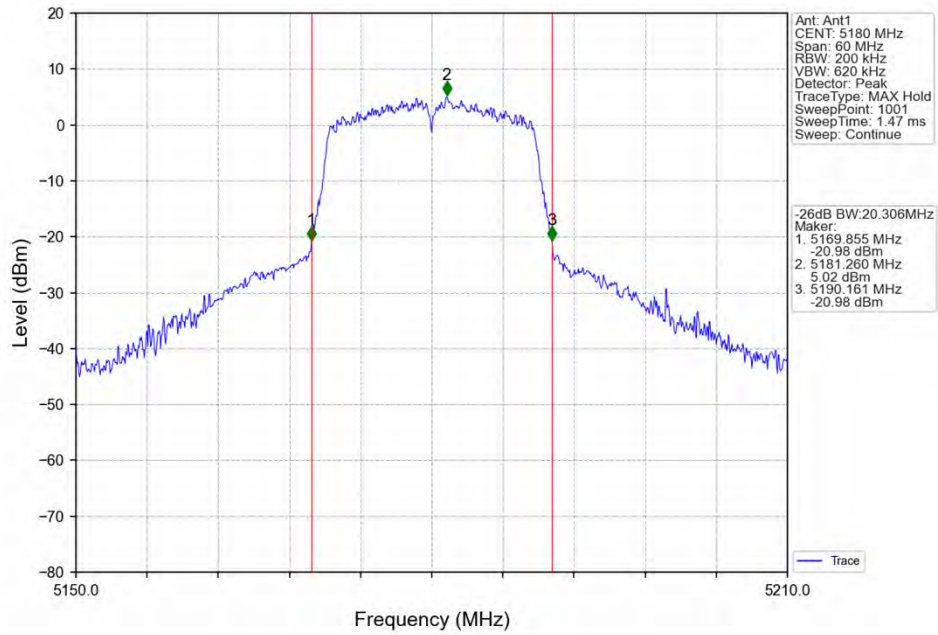
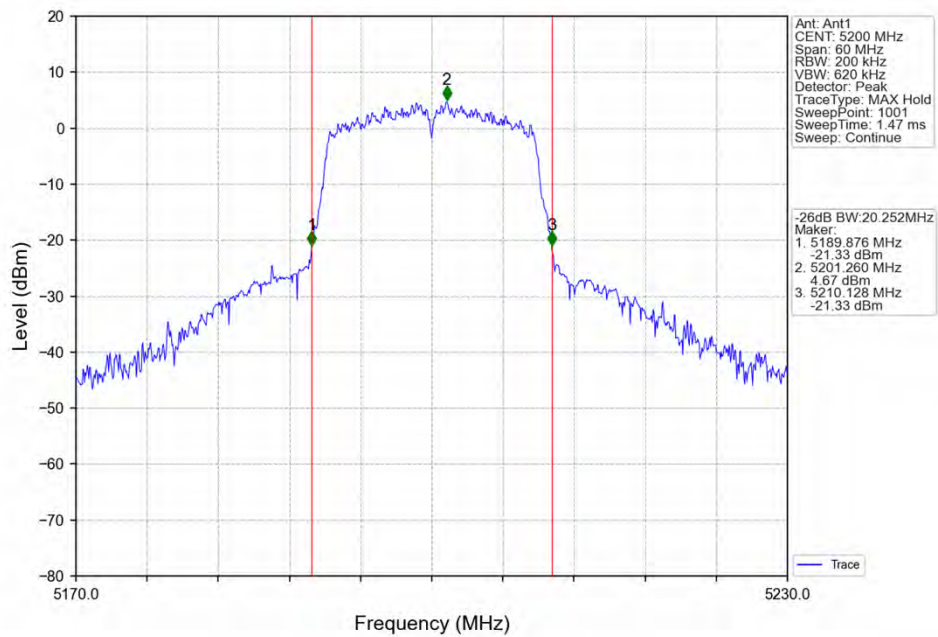


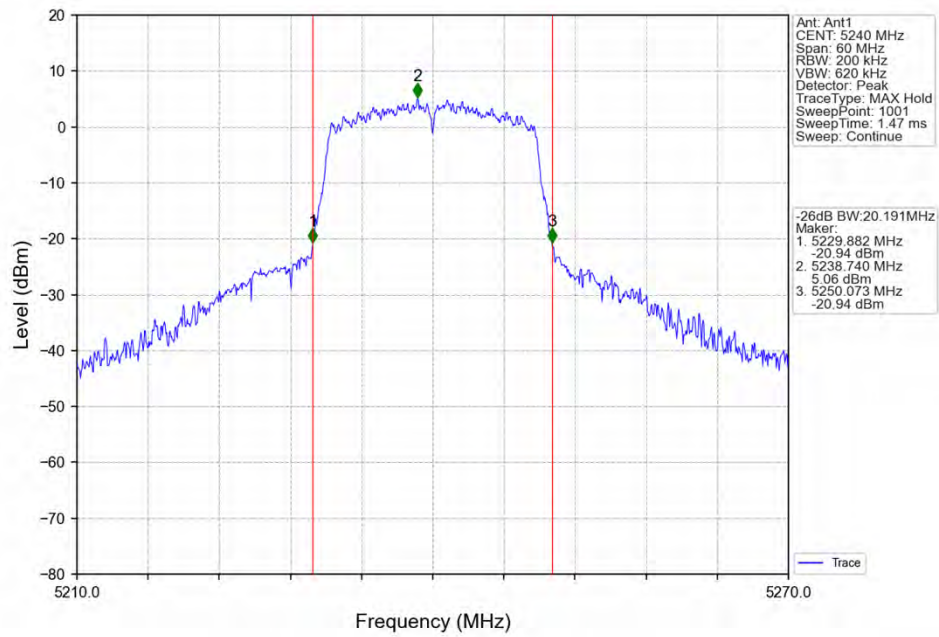
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



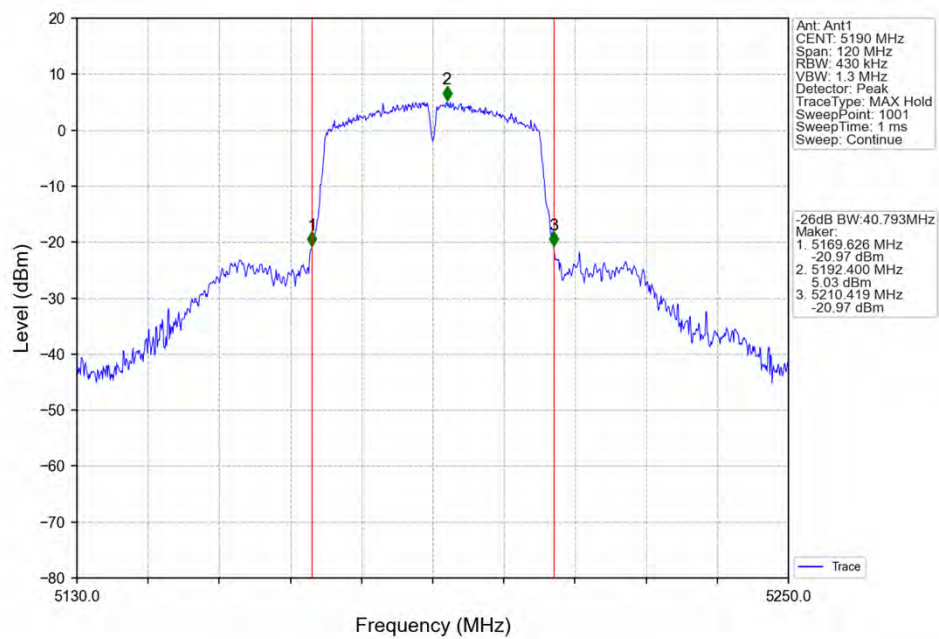
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



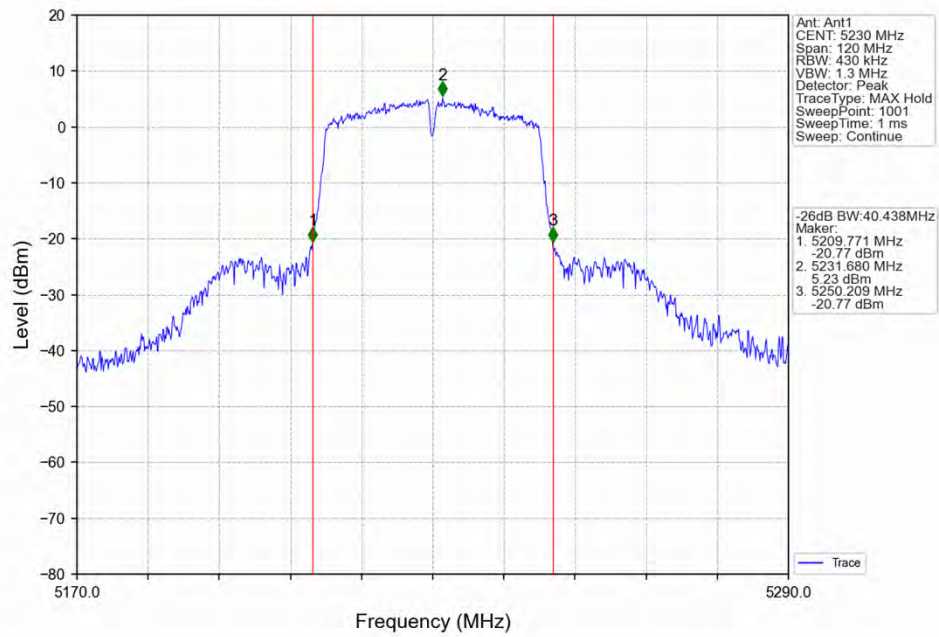
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



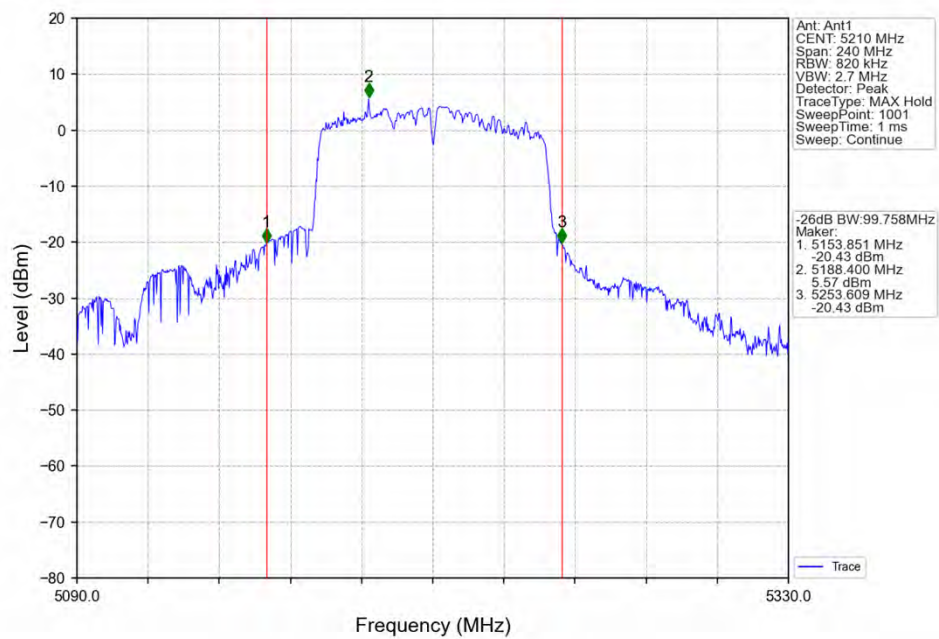
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



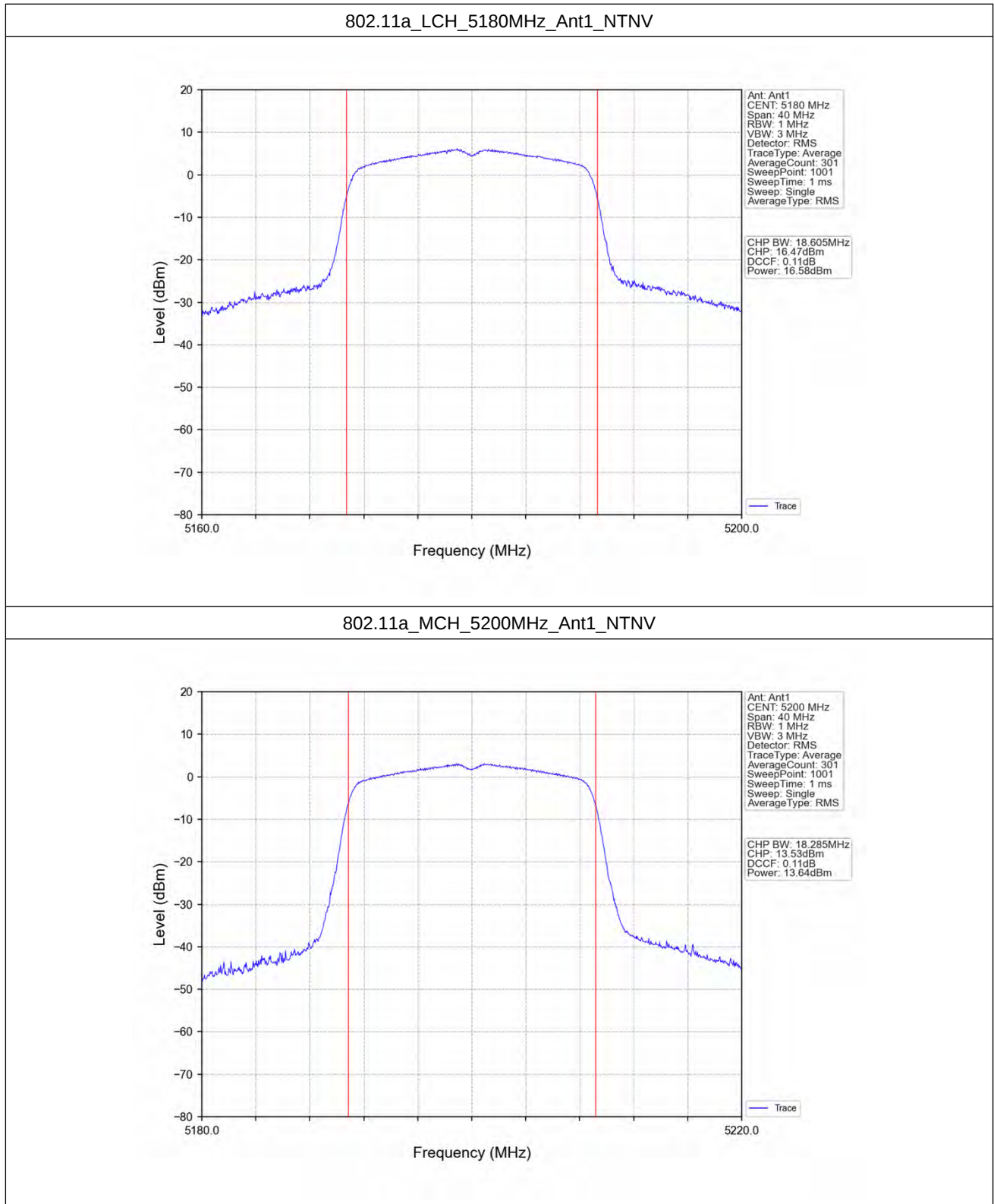
3. Maximum Conducted Output Power

3.1 Power

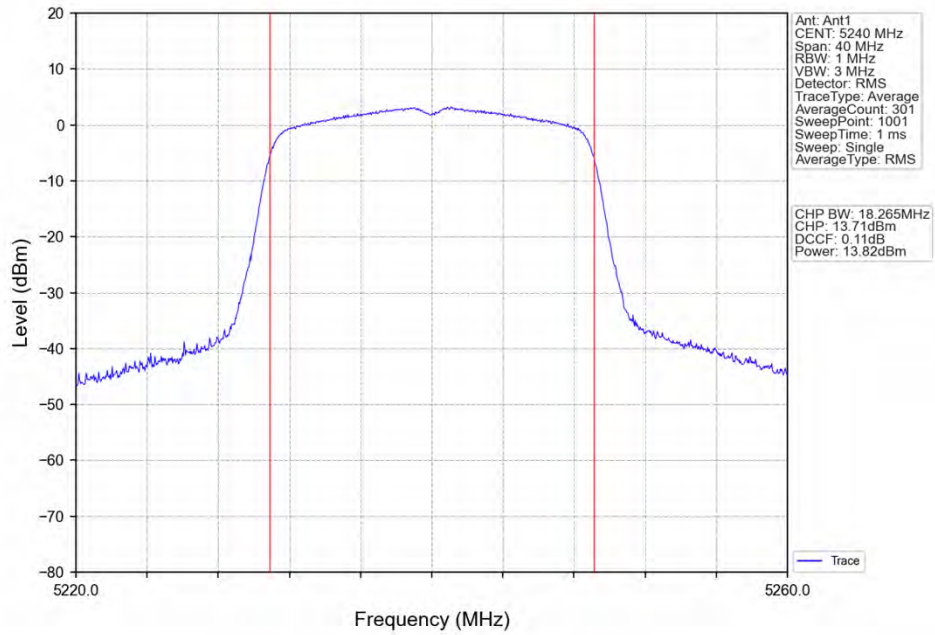
3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	16.58	<=23.98	Pass
		5200	13.64	<=23.98	Pass
		5240	13.82	<=23.98	Pass
		5745	15.07	<=30	Pass
		5785	15.12	<=30	Pass
		5825	14.77	<=30	Pass
802.11n (HT20)	SISO	5180	14.03	<=23.98	Pass
		5200	13.59	<=23.98	Pass
		5240	13.78	<=23.98	Pass
		5745	15.07	<=30	Pass
		5785	14.66	<=30	Pass
		5825	14.80	<=30	Pass
802.11n (HT40)	SISO	5190	14.33	<=23.98	Pass
		5230	14.36	<=23.98	Pass
		5755	15.25	<=30	Pass
		5795	15.36	<=30	Pass
802.11ac (VHT20)	SISO	5180	13.98	<=23.98	Pass
		5200	13.68	<=23.98	Pass
		5240	14.27	<=23.98	Pass
		5745	14.99	<=30	Pass
		5785	14.69	<=30	Pass
		5825	15.34	<=30	Pass
802.11ac (VHT40)	SISO	5190	14.33	<=23.98	Pass
		5230	14.38	<=23.98	Pass
		5755	15.29	<=30	Pass
		5795	15.46	<=30	Pass
802.11ac (VHT80)	SISO	5210	14.77	<=23.98	Pass
		5775	15.39	<=30	Pass
Note1: Antenna Gain: Ant1: 0.23dBi;					

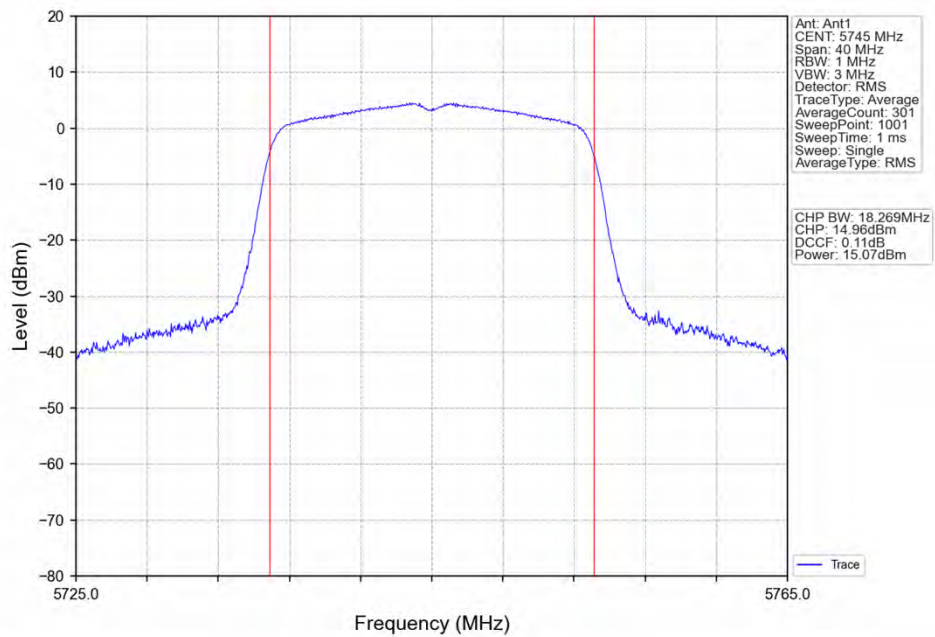
3.1.2 Test Graph



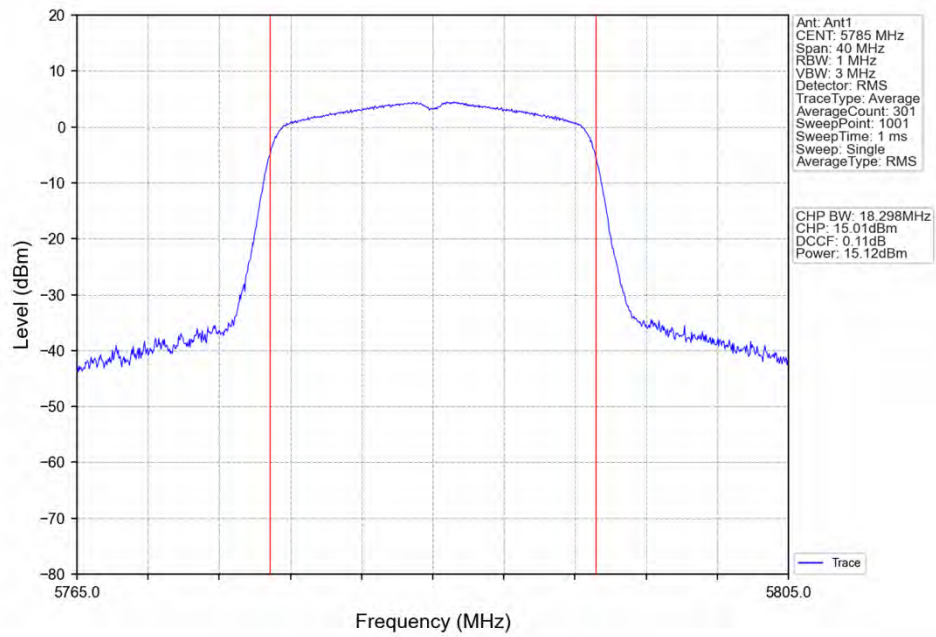
802.11a_HCH_5240MHz_Ant1_NTNV



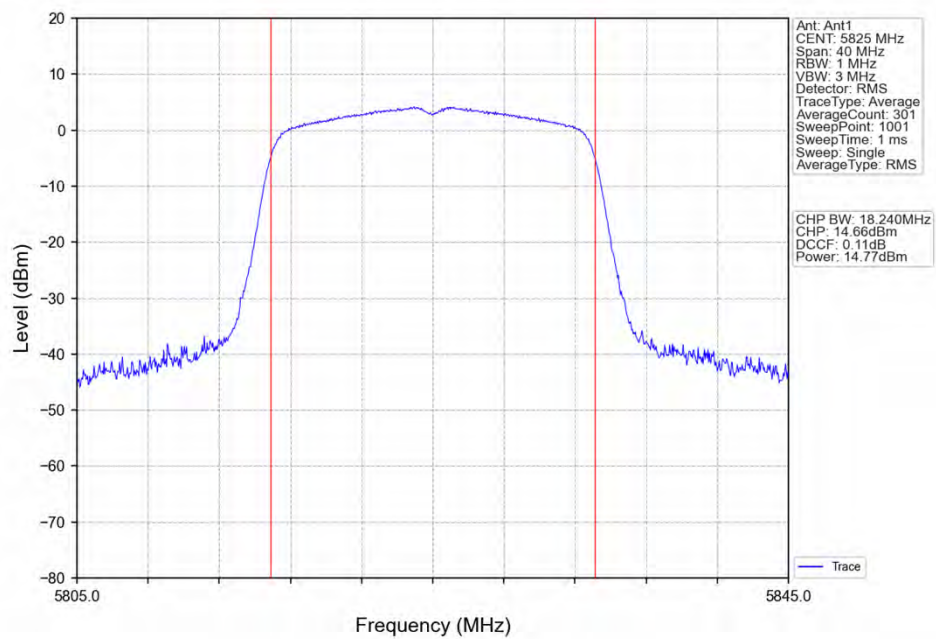
802.11a_LCH_5745MHz_Ant1_NTNV



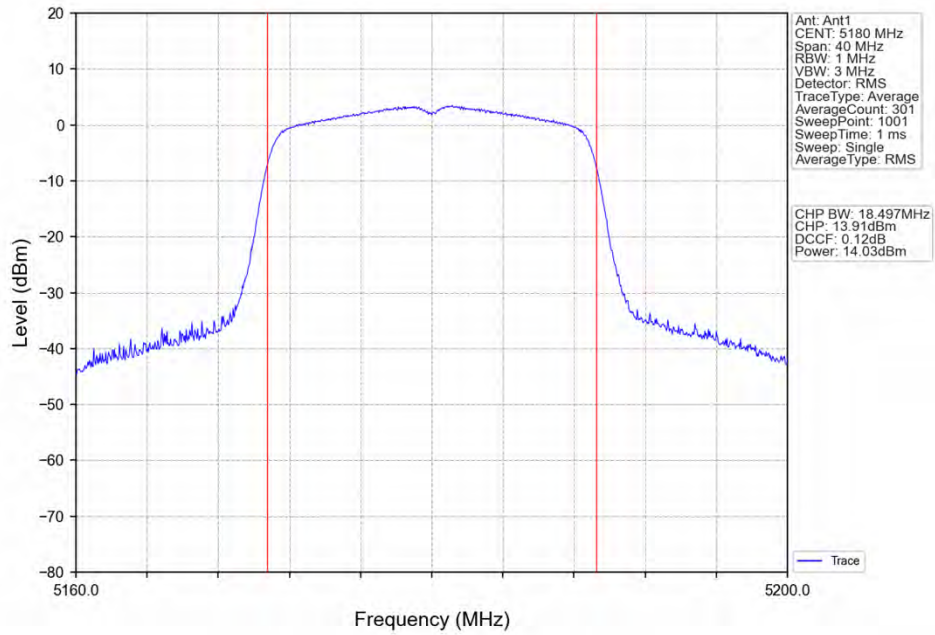
802.11a_MCH_5785MHz_Ant1_NTNV



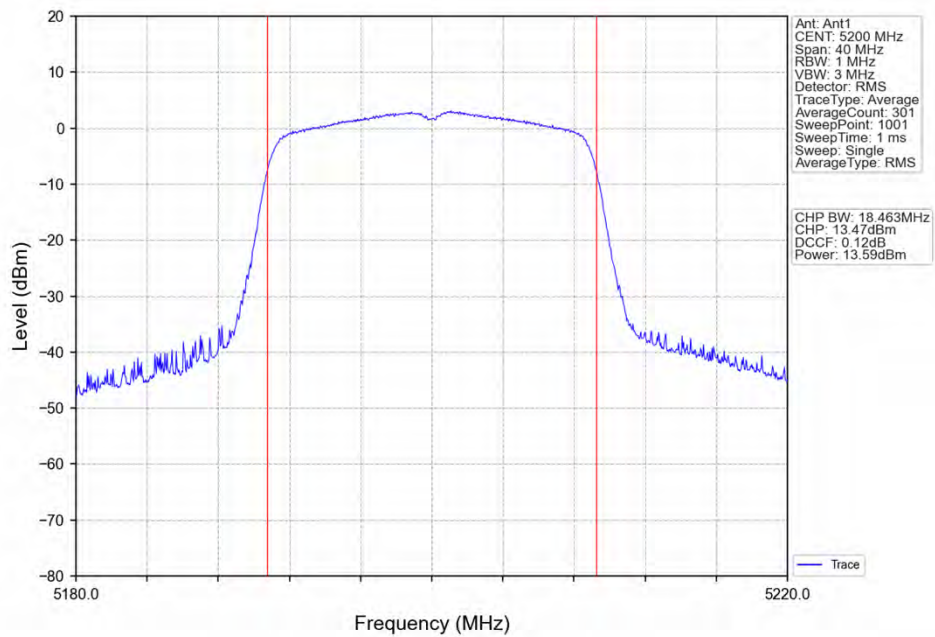
802.11a_HCH_5825MHz_Ant1_NTNV



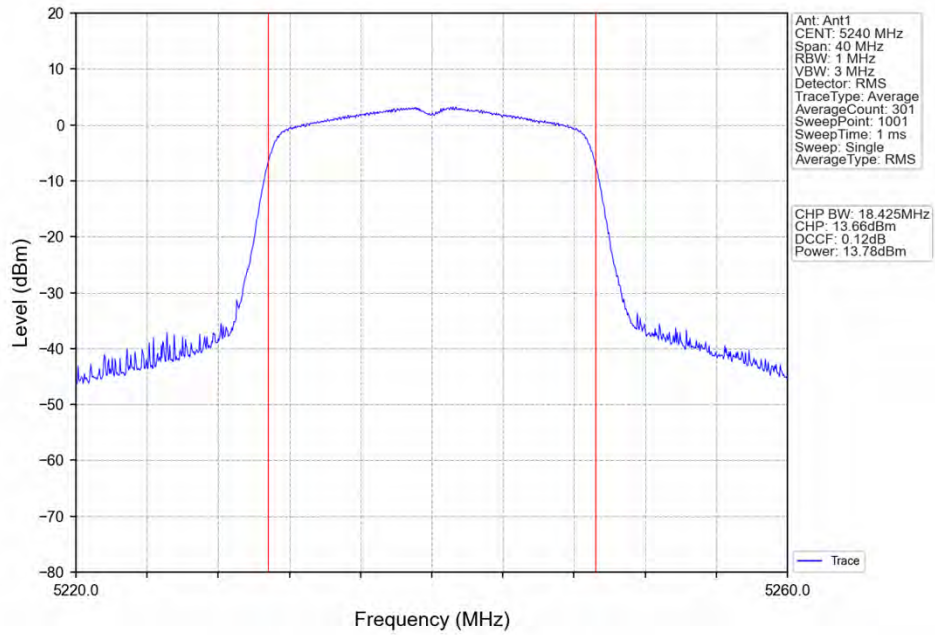
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



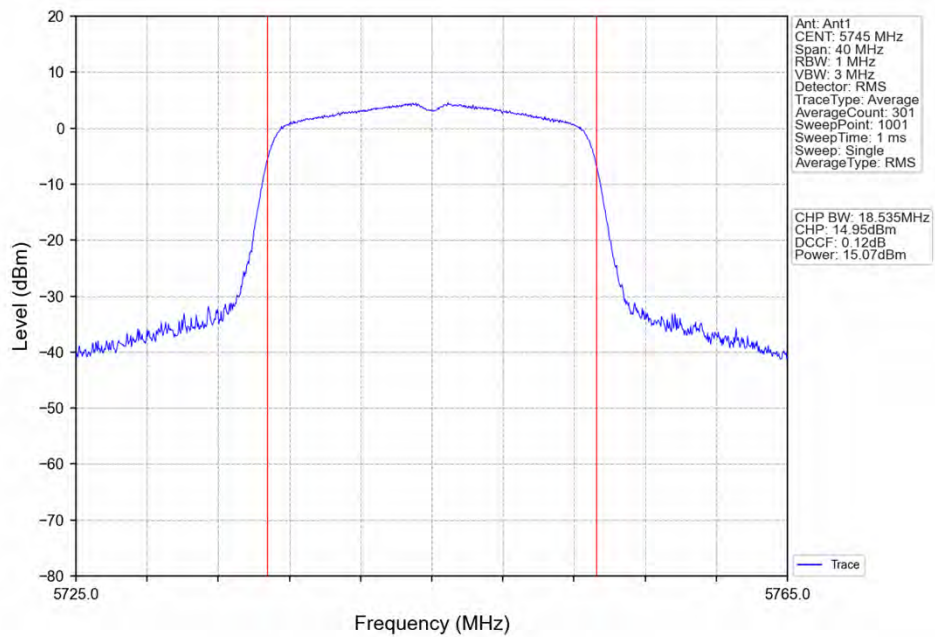
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



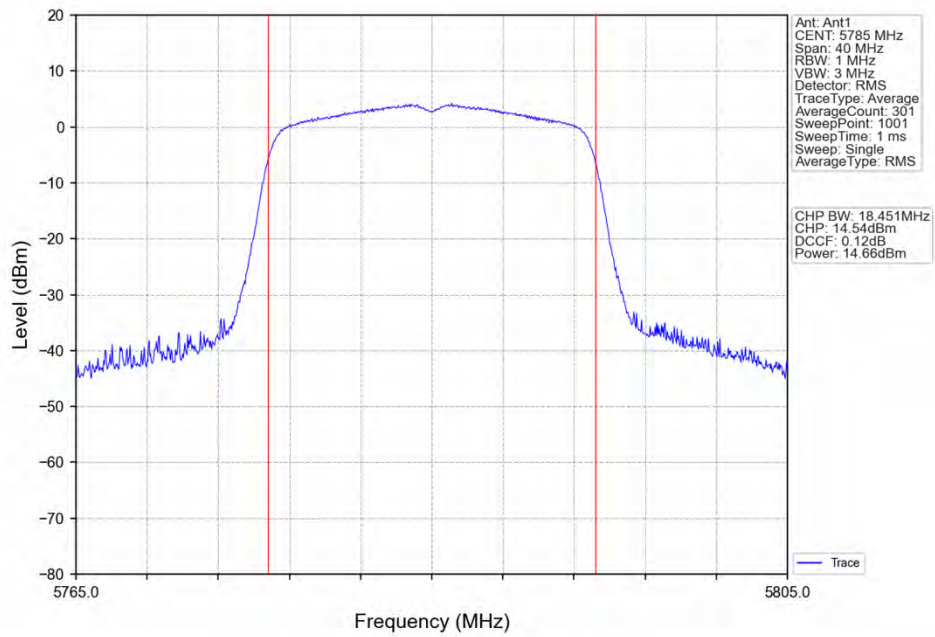
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



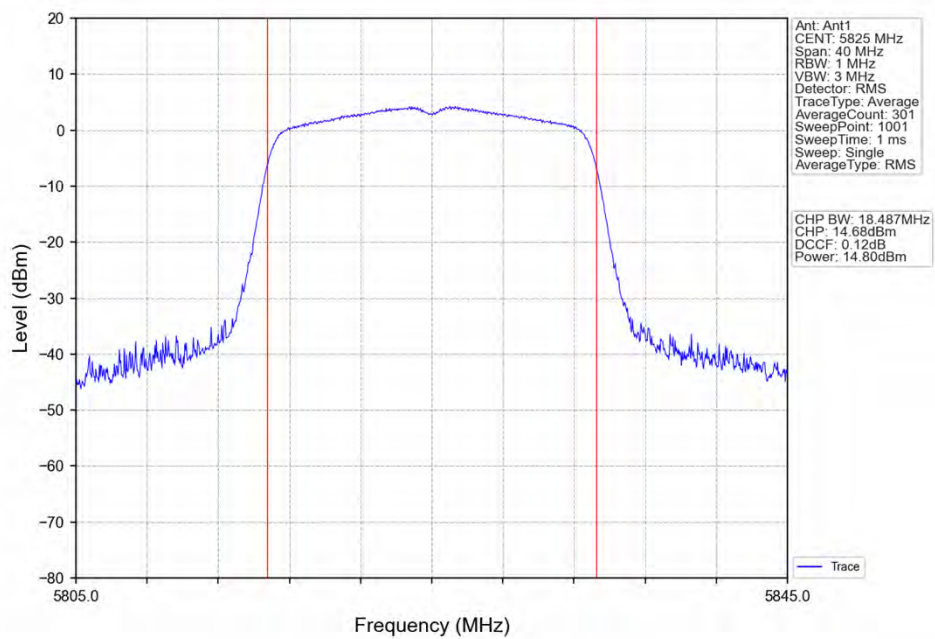
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



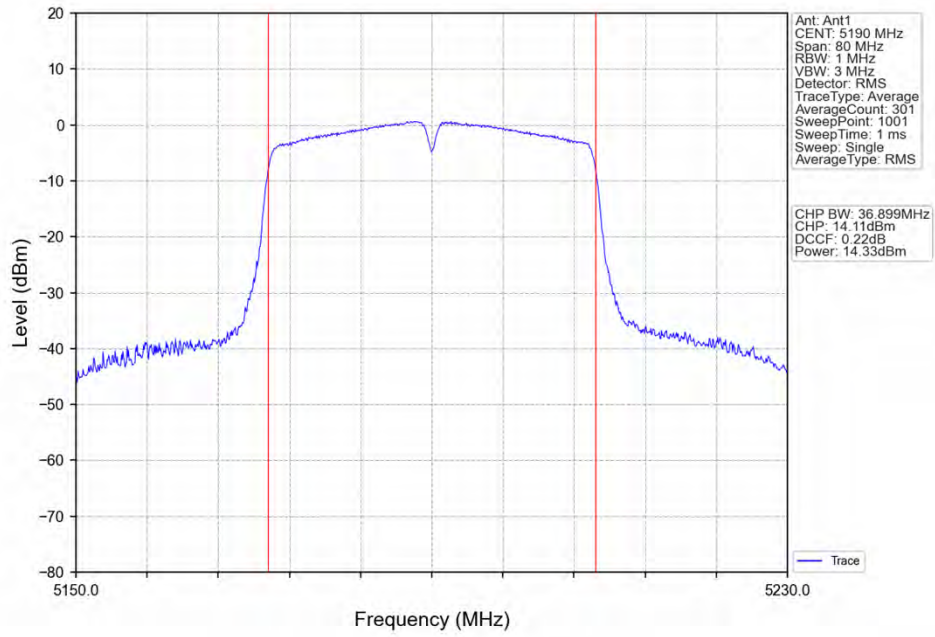
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



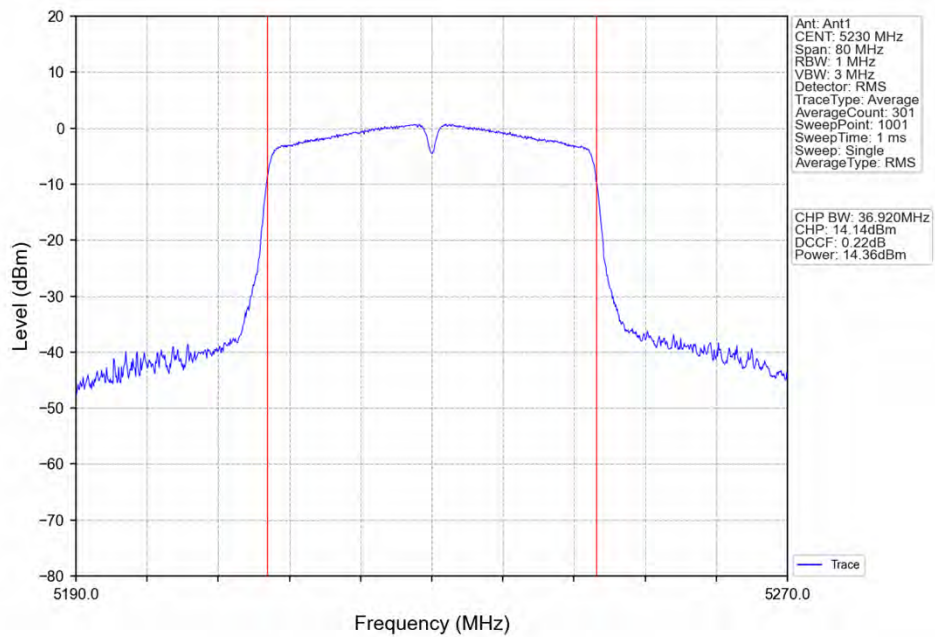
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



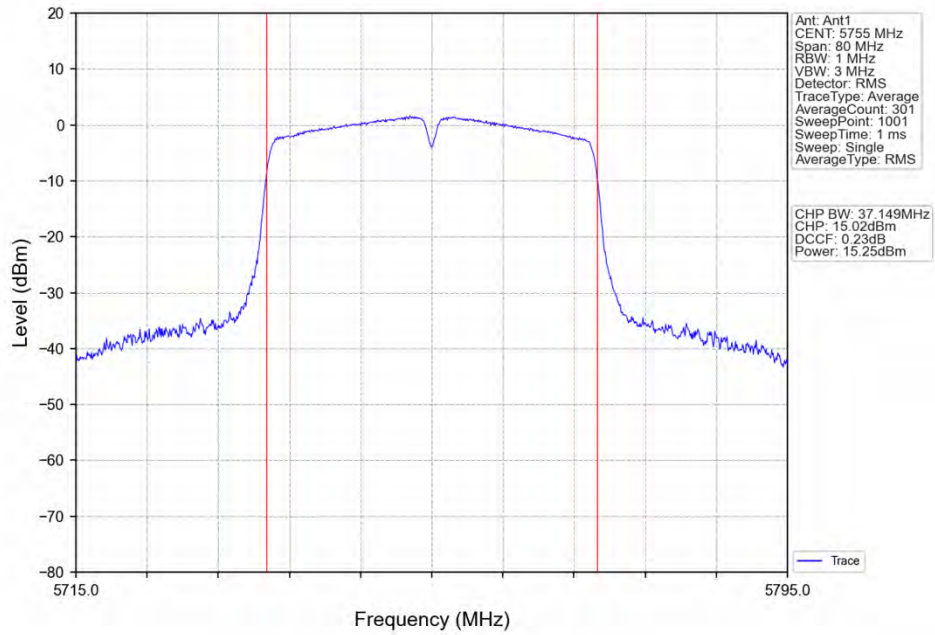
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



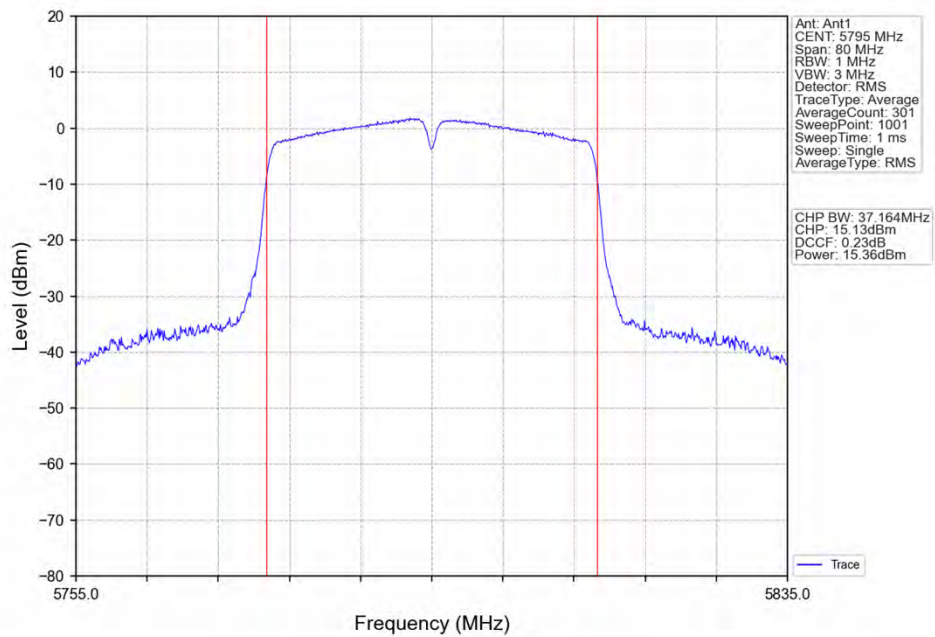
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



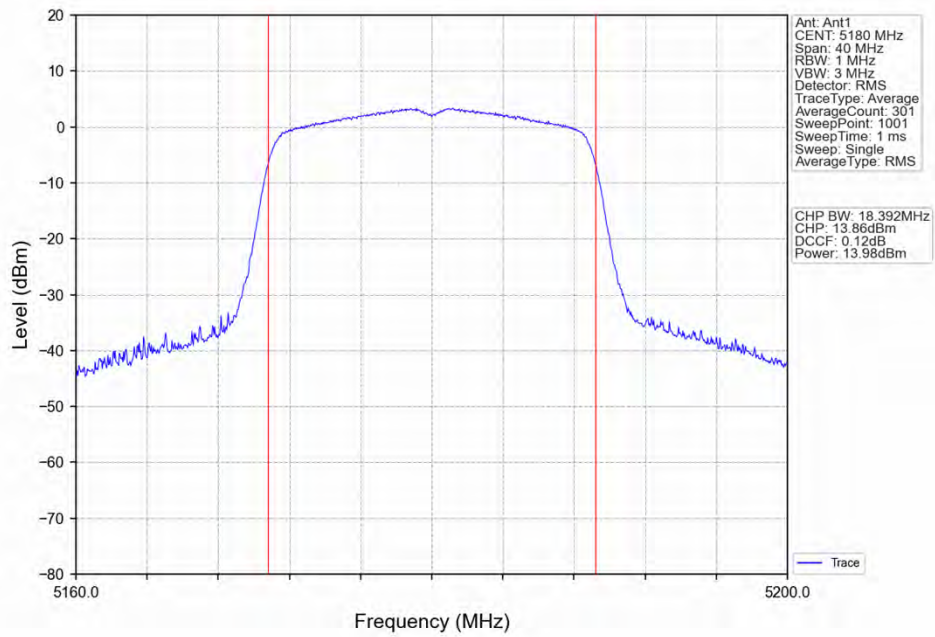
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



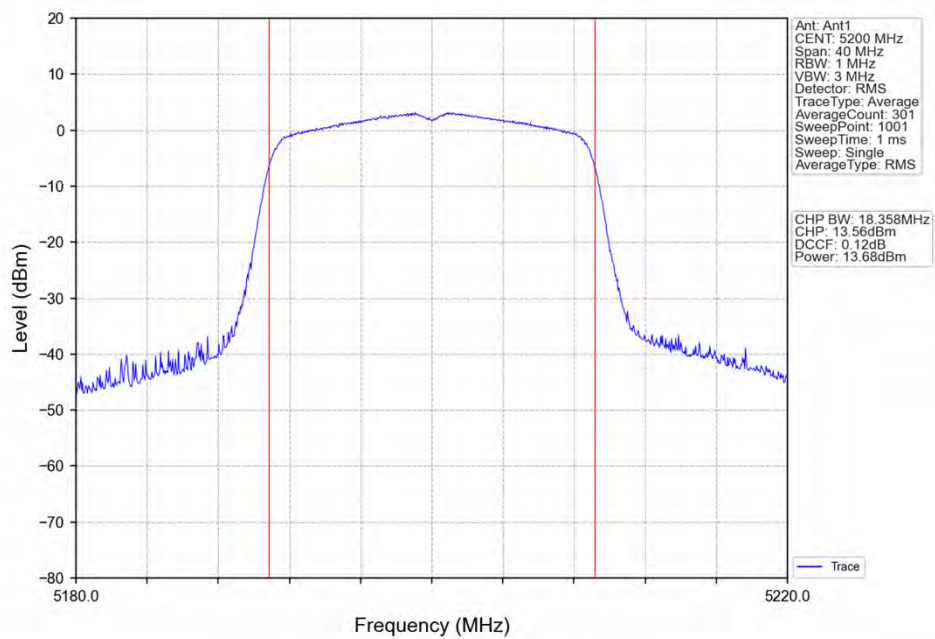
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



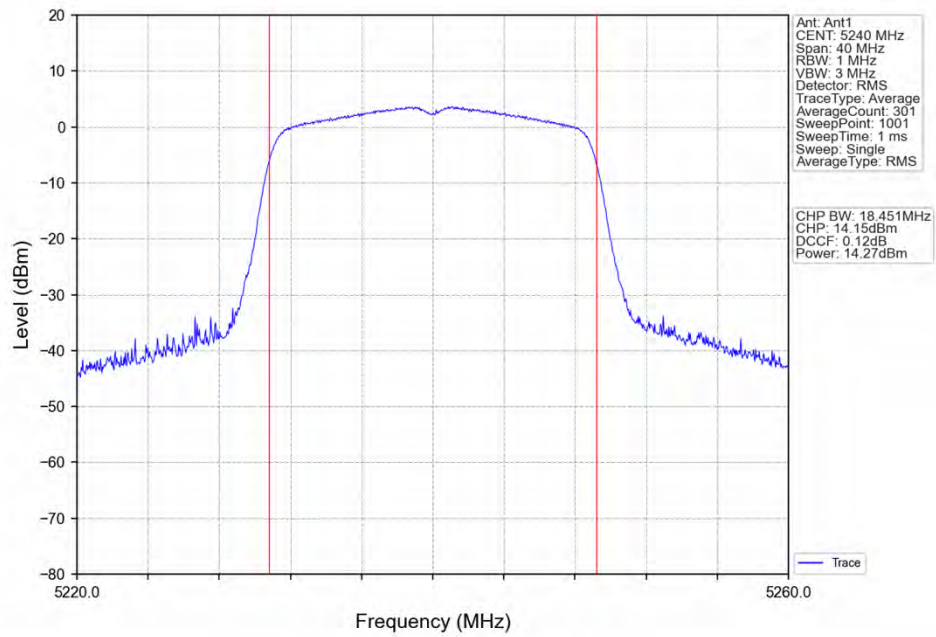
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



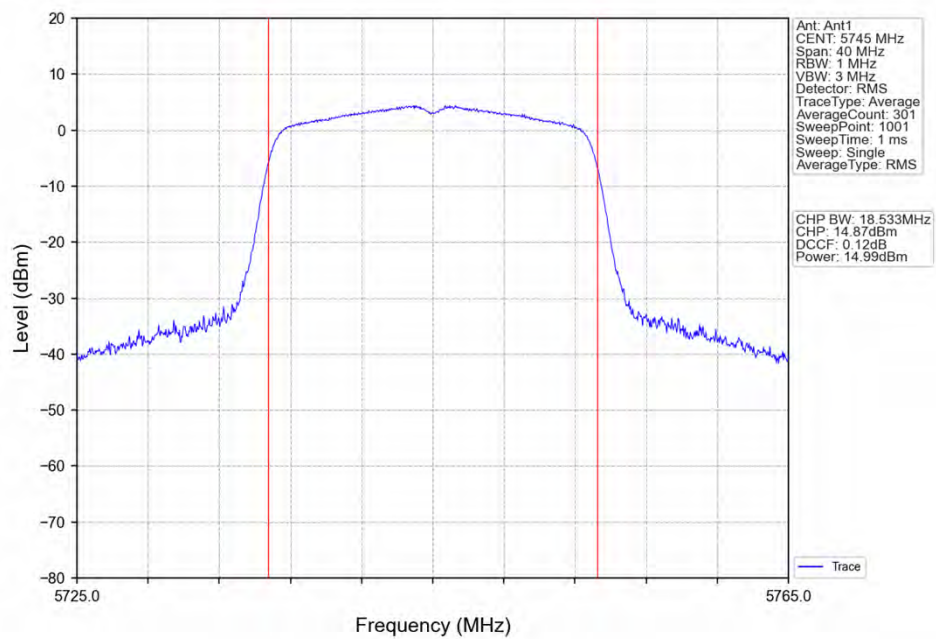
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



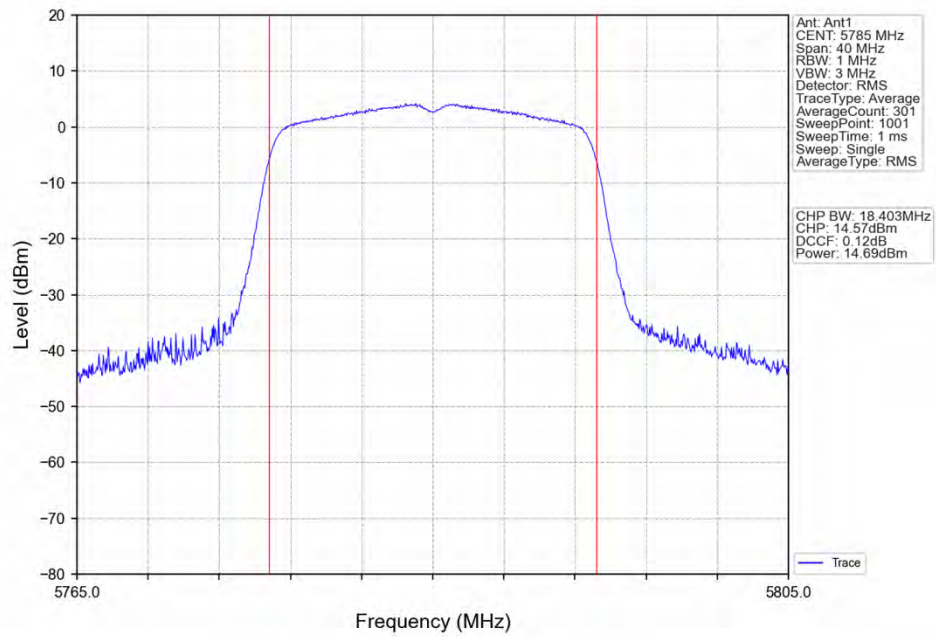
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



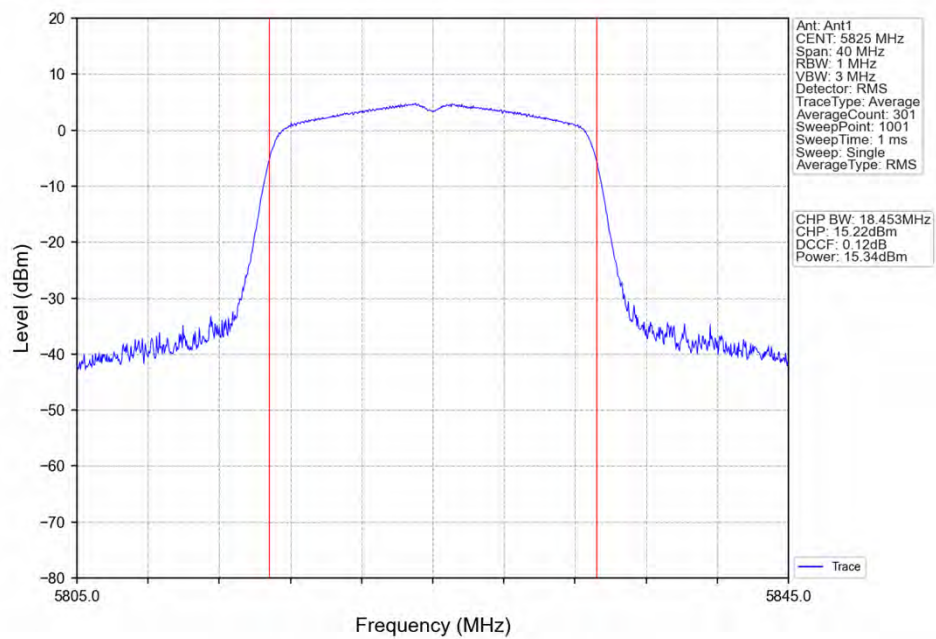
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



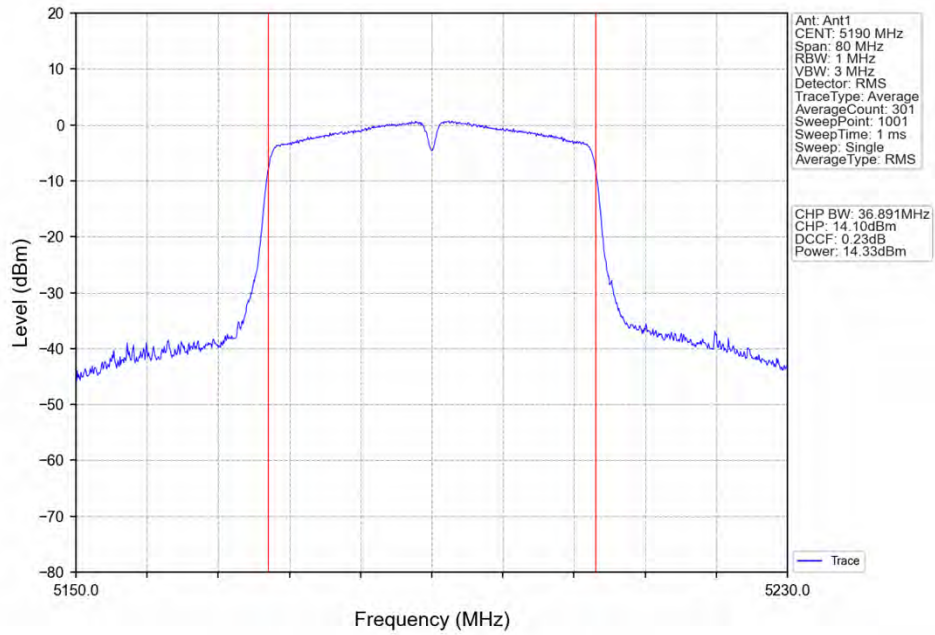
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



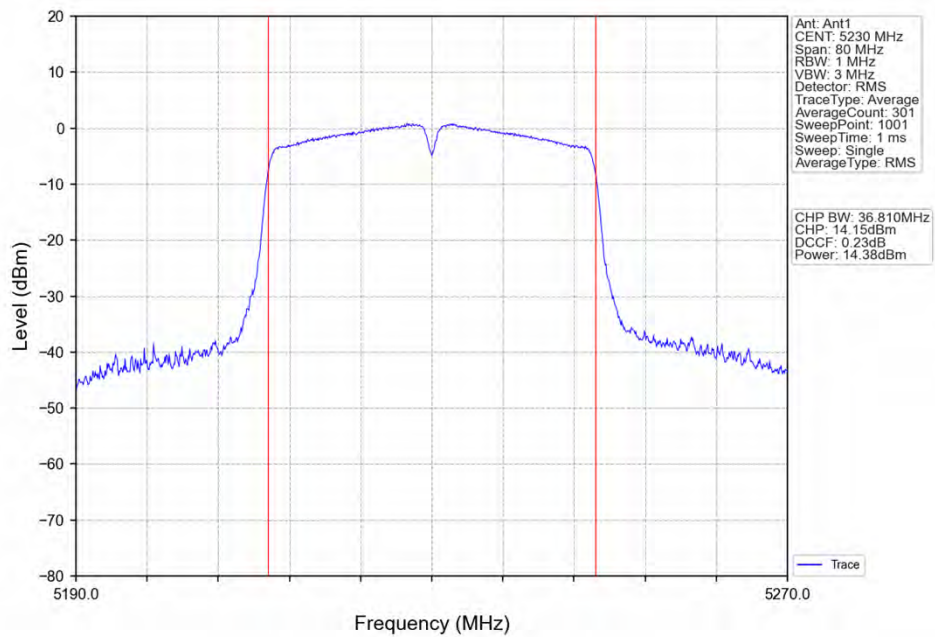
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



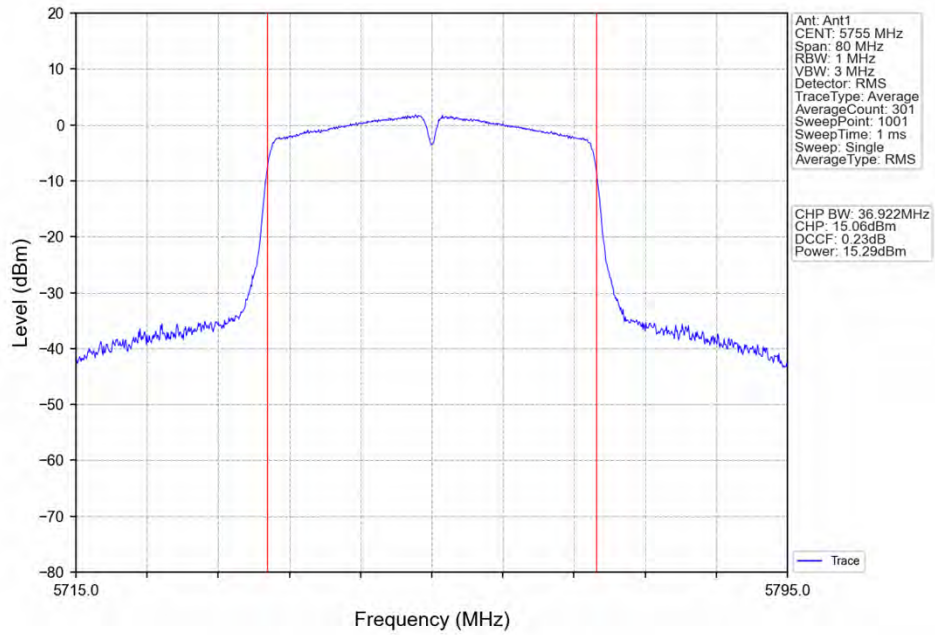
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



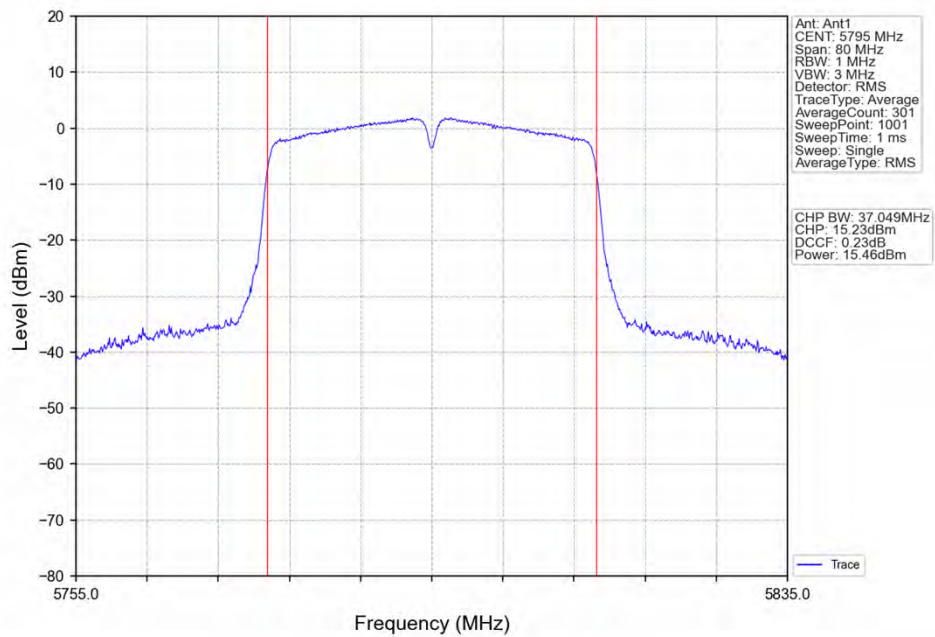
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



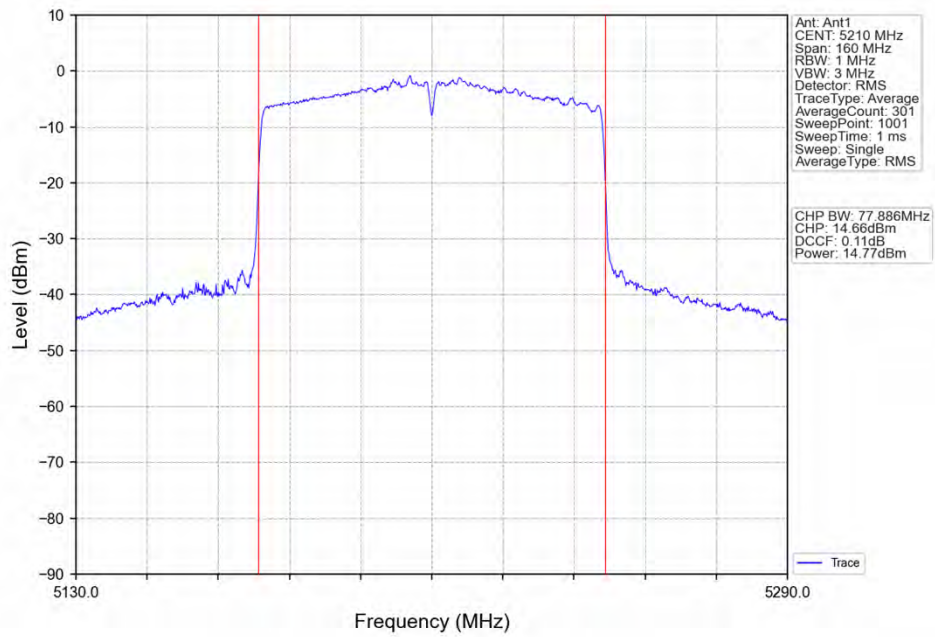
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



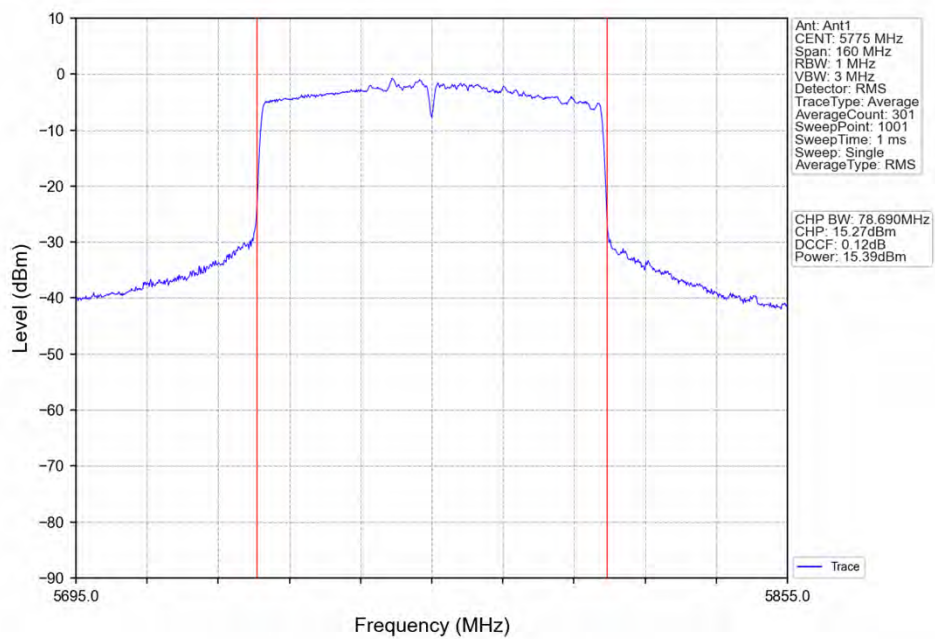
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



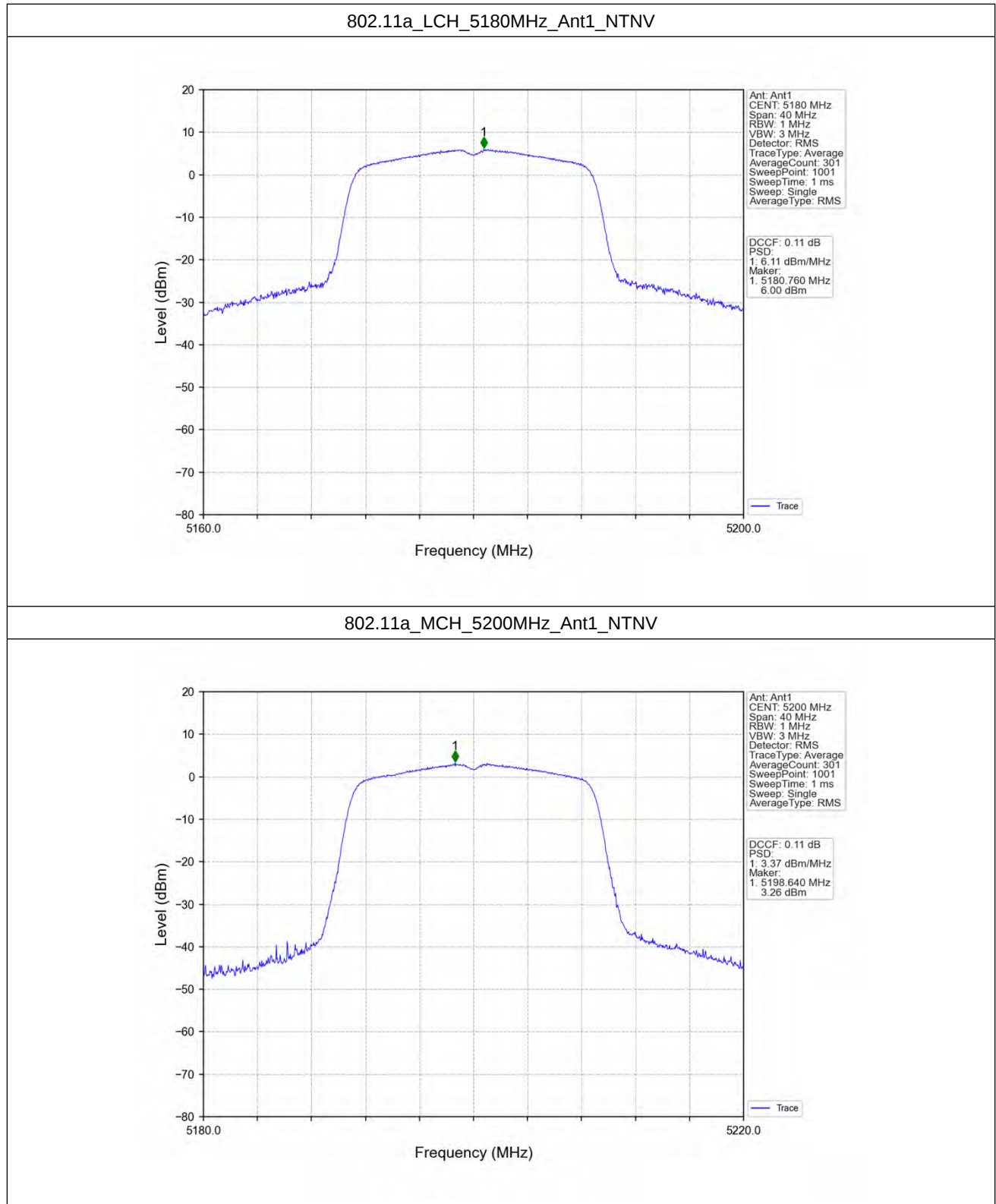
4. Maximum Power Spectral Density

4.1 PSD

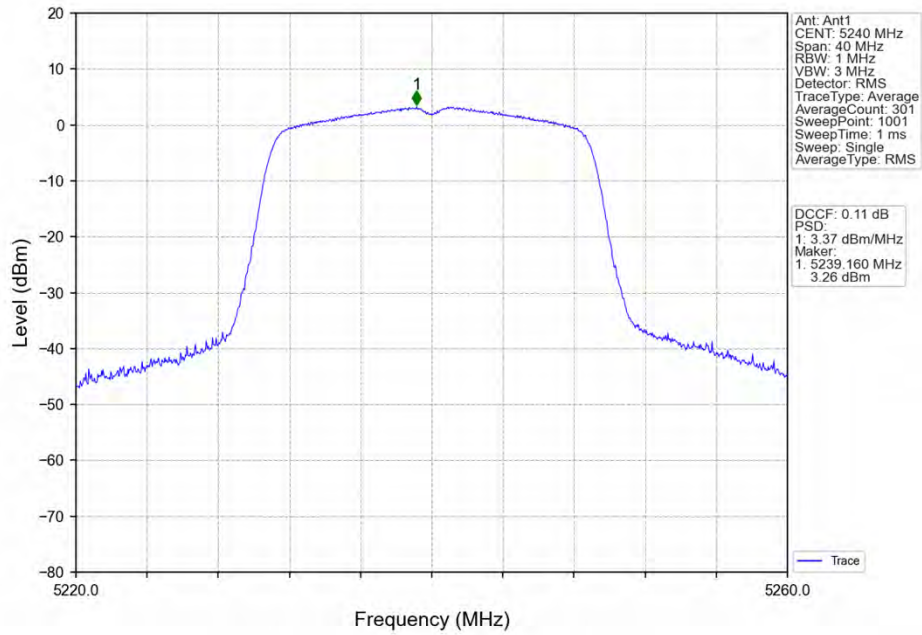
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	6.11	≤ 11	Pass
		5200	3.37	≤ 11	Pass
		5240	3.37	≤ 11	Pass
802.11n (HT20)	SISO	5180	3.62	≤ 11	Pass
		5200	3.21	≤ 11	Pass
		5240	3.32	≤ 11	Pass
802.11n (HT40)	SISO	5190	0.97	≤ 11	Pass
		5230	1.14	≤ 11	Pass
802.11ac (VHT20)	SISO	5180	3.47	≤ 11	Pass
		5200	3.33	≤ 11	Pass
		5240	3.96	≤ 11	Pass
802.11ac (VHT40)	SISO	5190	1.07	≤ 11	Pass
		5230	0.99	≤ 11	Pass
802.11ac (VHT80)	SISO	5210	-0.93	≤ 11	Pass
Note1: Antenna Gain: Ant1: 0.23dBi;					

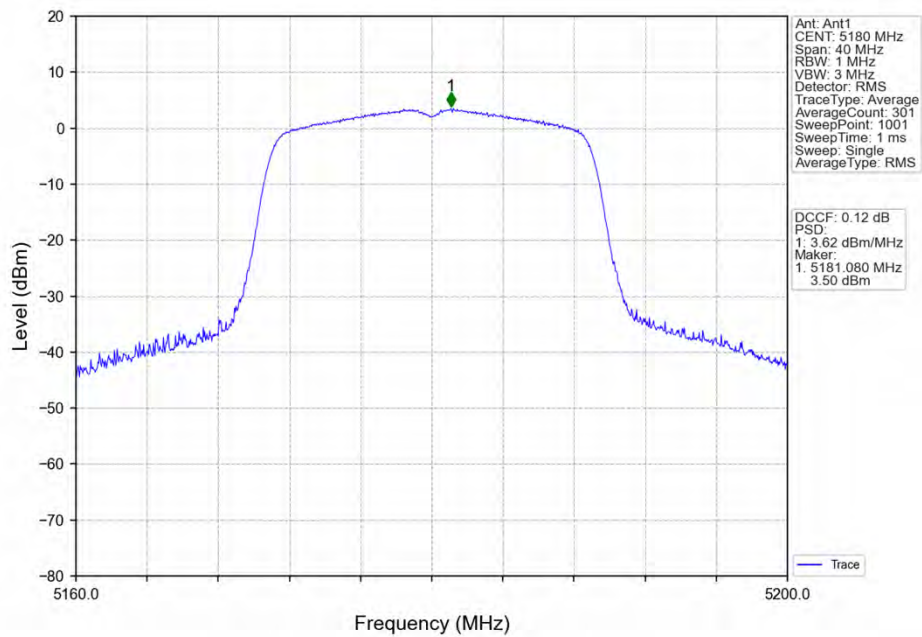
4.1.2 Test Graph



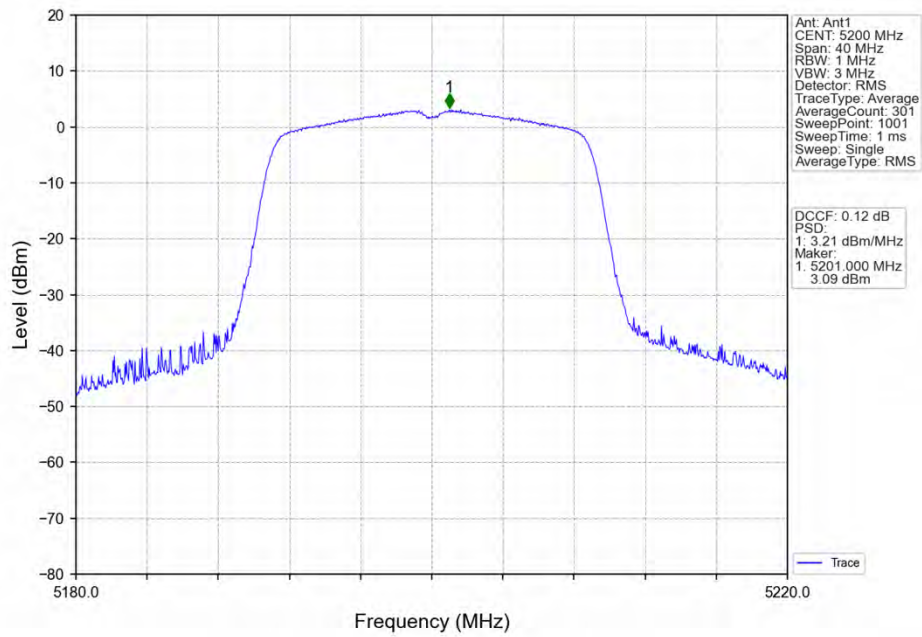
802.11a_HCH_5240MHz_Ant1_NTNV



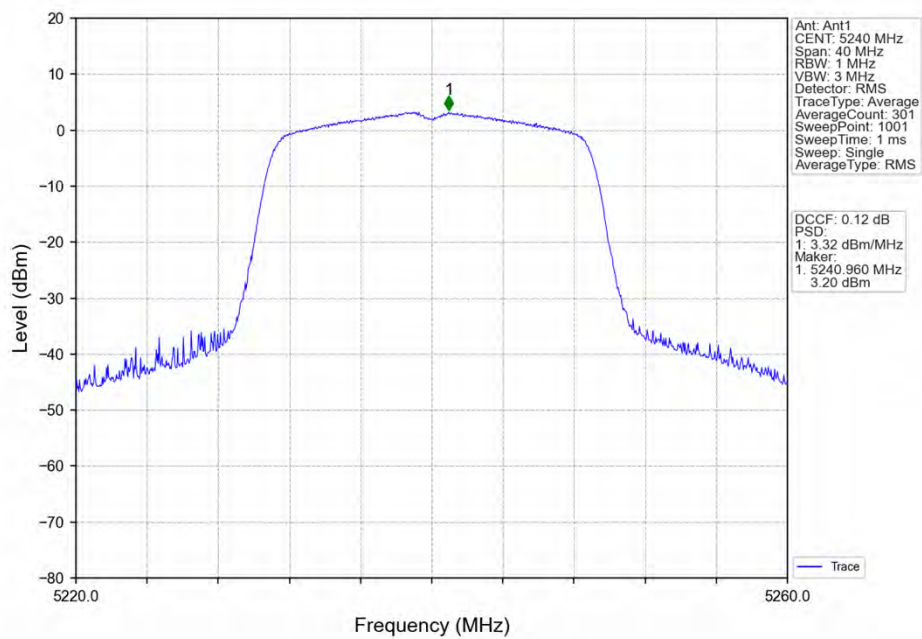
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



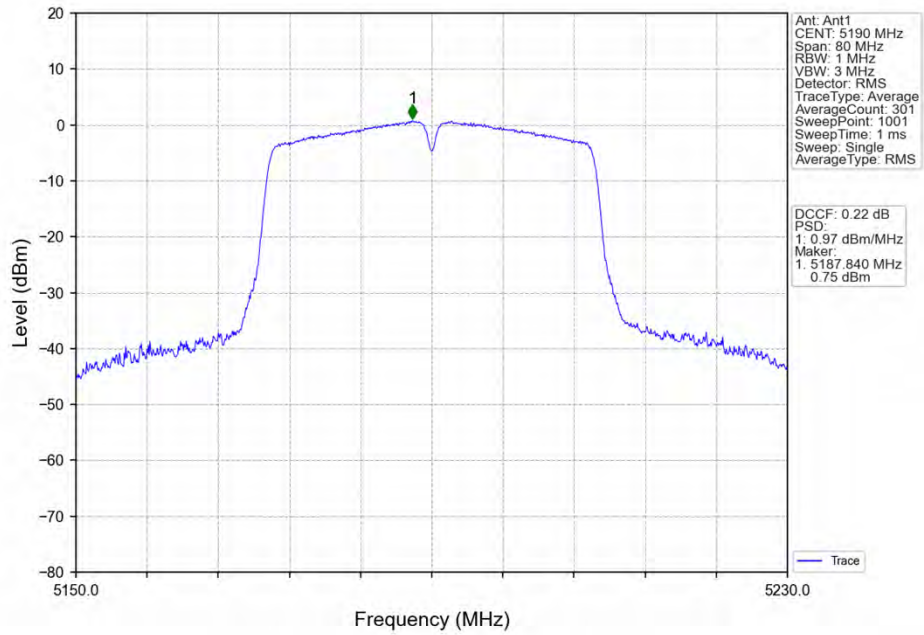
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



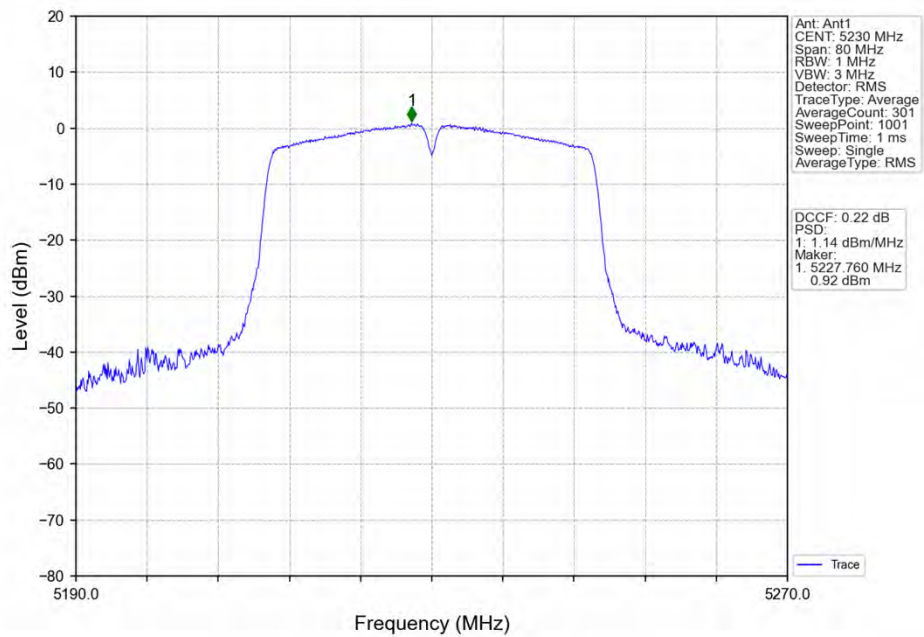
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



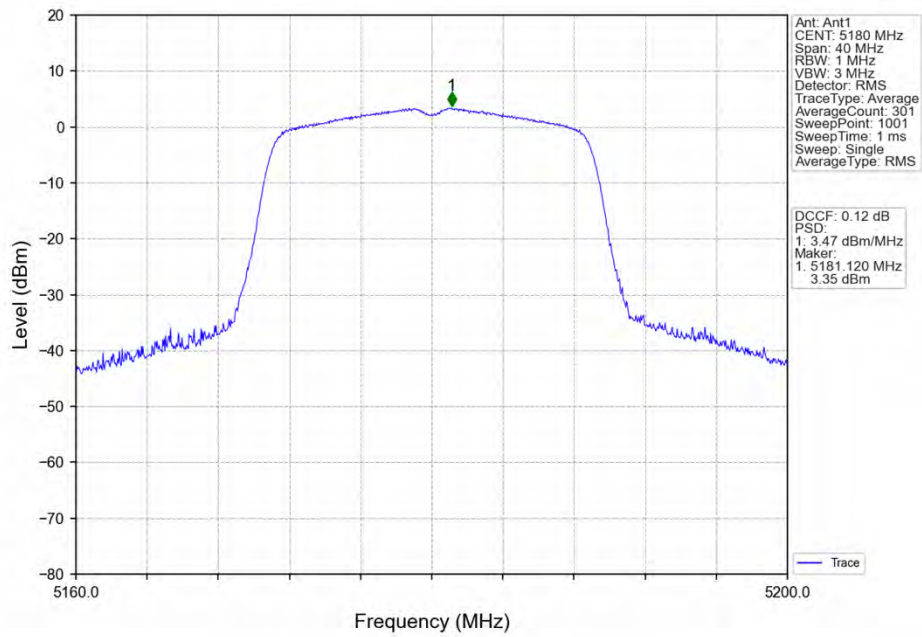
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



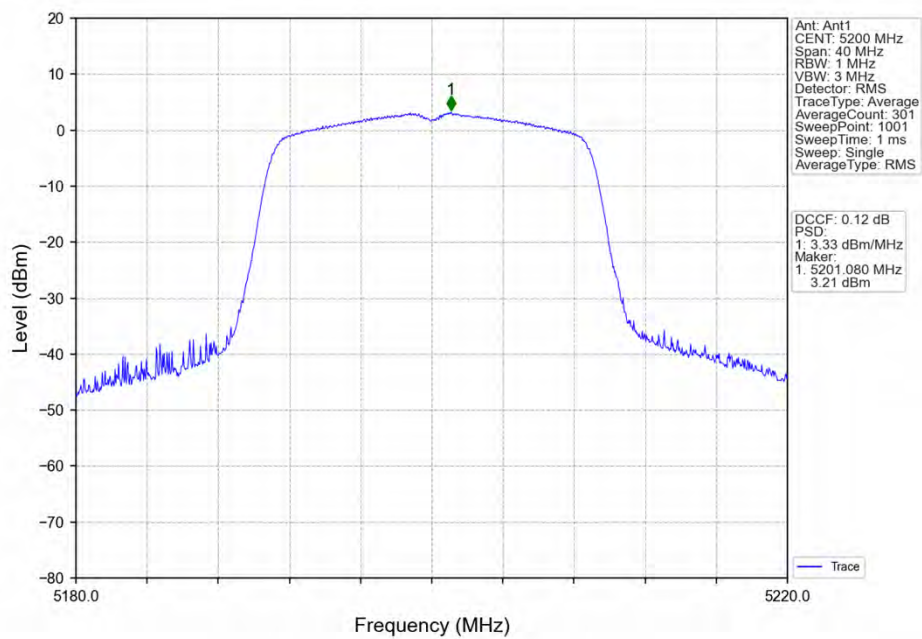
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



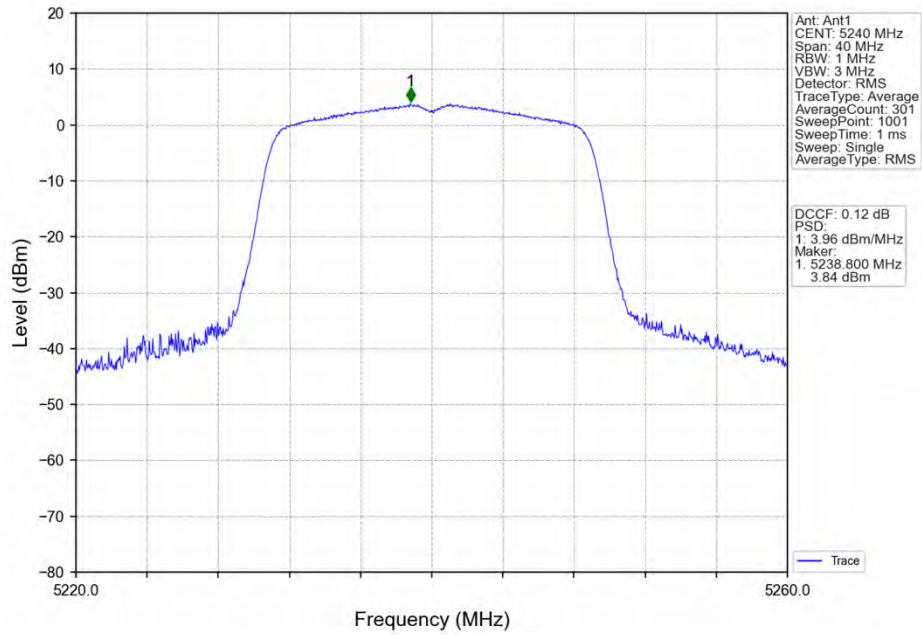
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



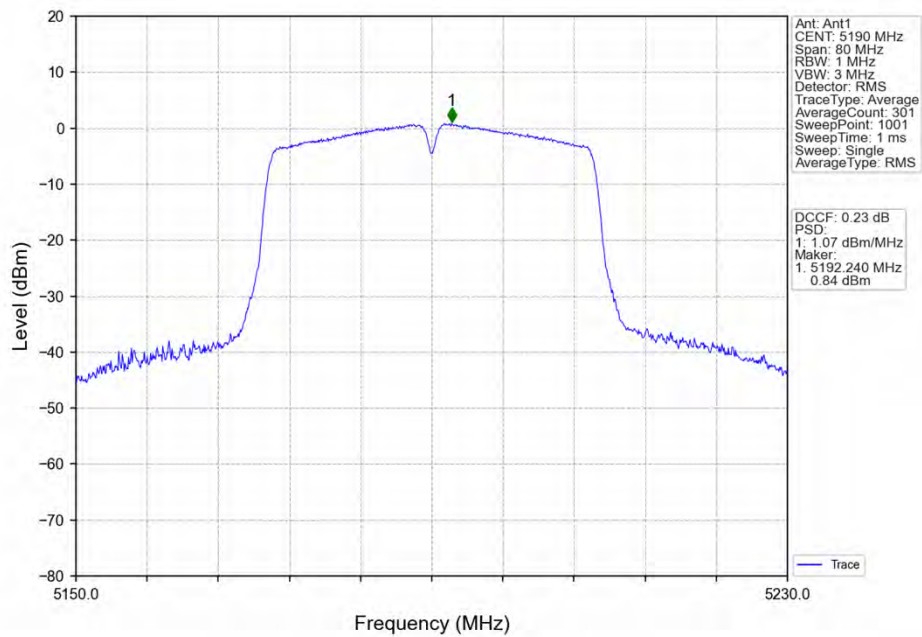
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



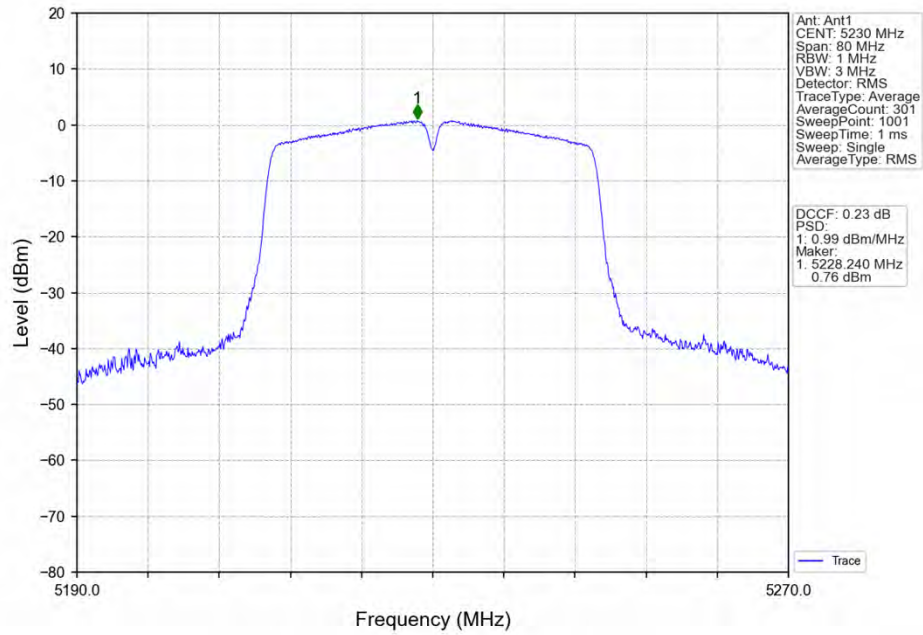
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



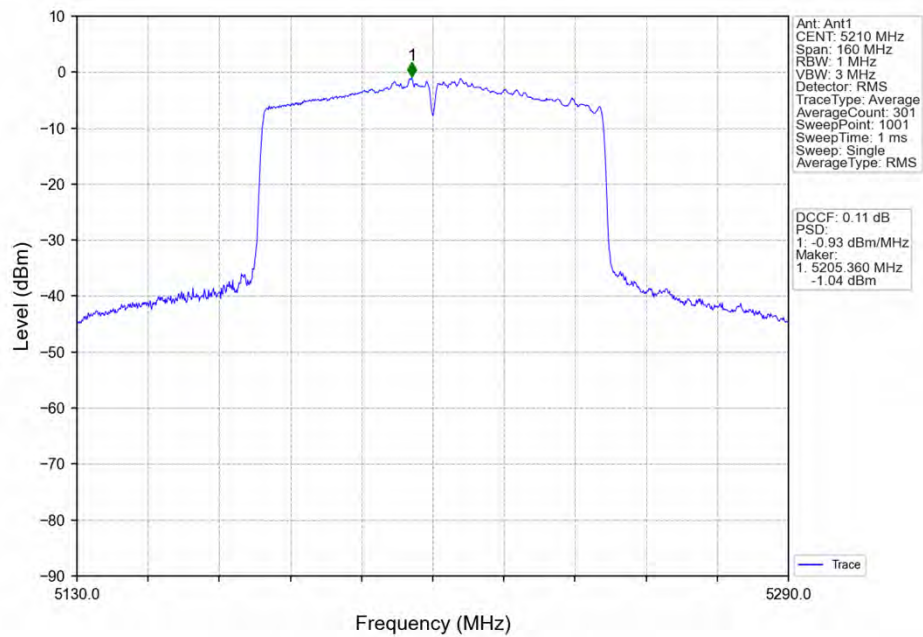
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

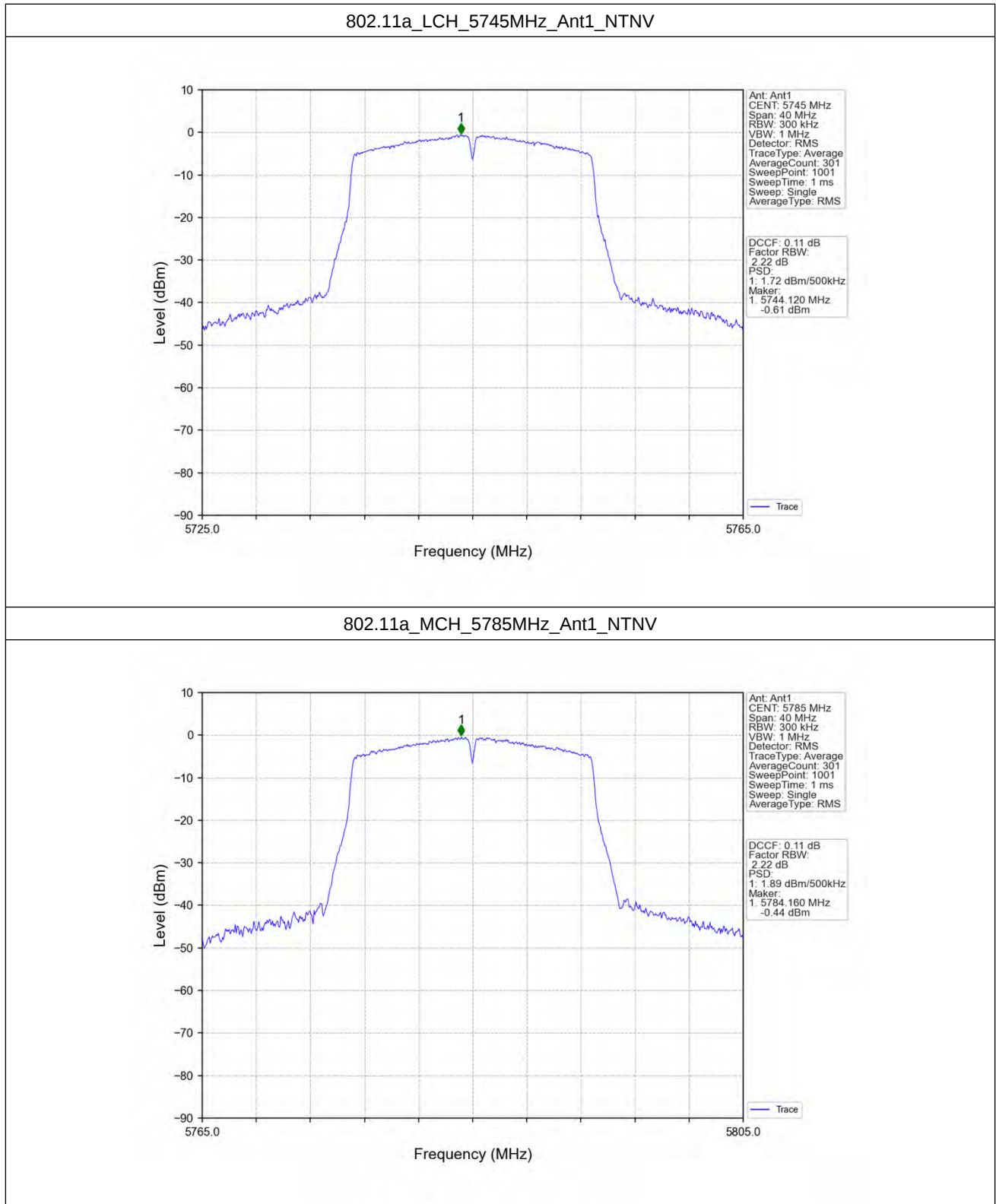


4.2 PSD-Band3

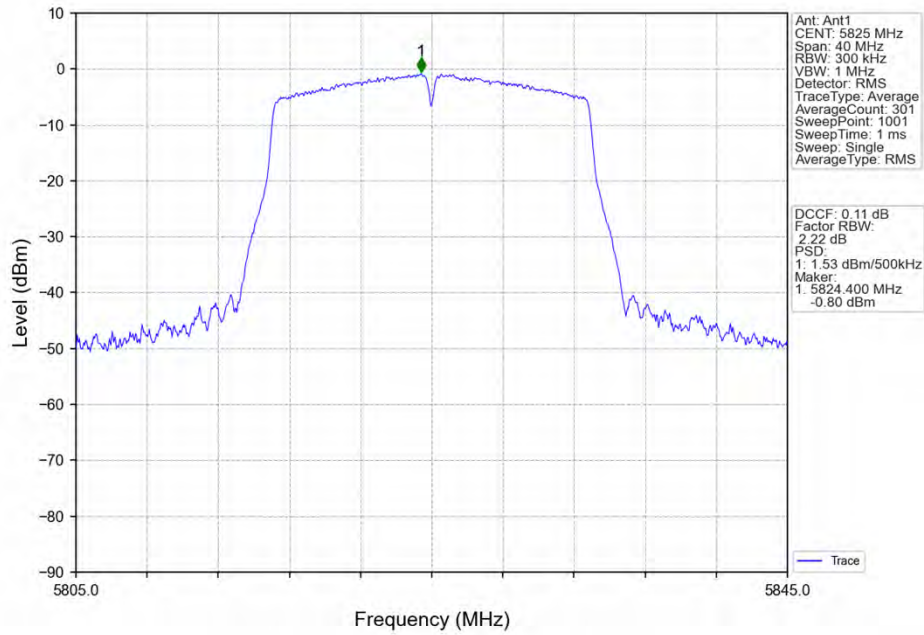
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	1.72	<=30	Pass
		5785	1.89	<=30	Pass
		5825	1.53	<=30	Pass
802.11n (HT20)	SISO	5745	1.83	<=30	Pass
		5785	1.42	<=30	Pass
		5825	1.42	<=30	Pass
802.11n (HT40)	SISO	5755	-0.95	<=30	Pass
		5795	-1.07	<=30	Pass
802.11ac (VHT20)	SISO	5745	1.68	<=30	Pass
		5785	1.42	<=30	Pass
		5825	2.16	<=30	Pass
802.11ac (VHT40)	SISO	5755	-0.99	<=30	Pass
		5795	-0.97	<=30	Pass
802.11ac (VHT80)	SISO	5775	-3.00	<=30	Pass
Note1: Antenna Gain: Ant1: 0.23dBi;					

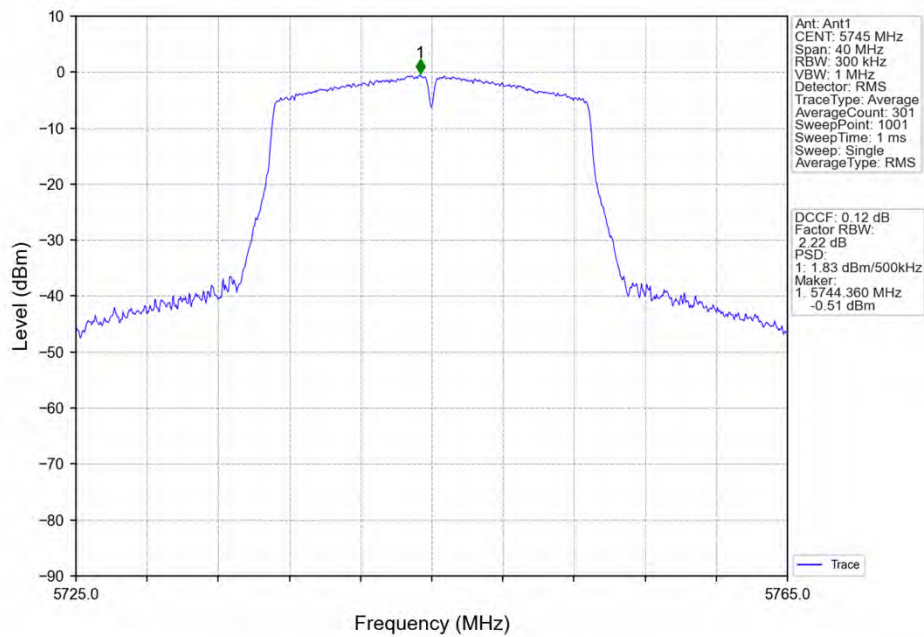
4.2.2 Test Graph



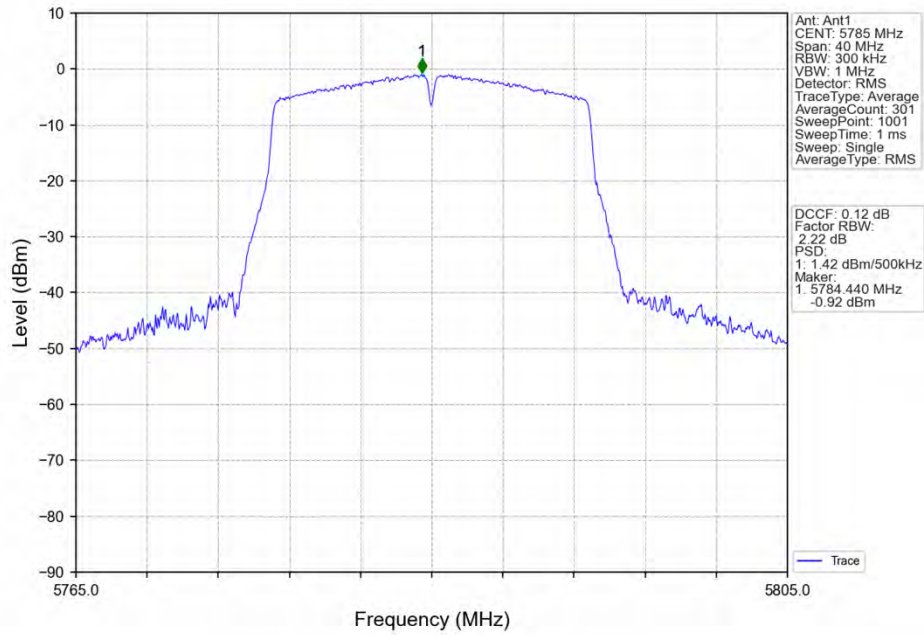
802.11a_HCH_5825MHz_Ant1_NTNV



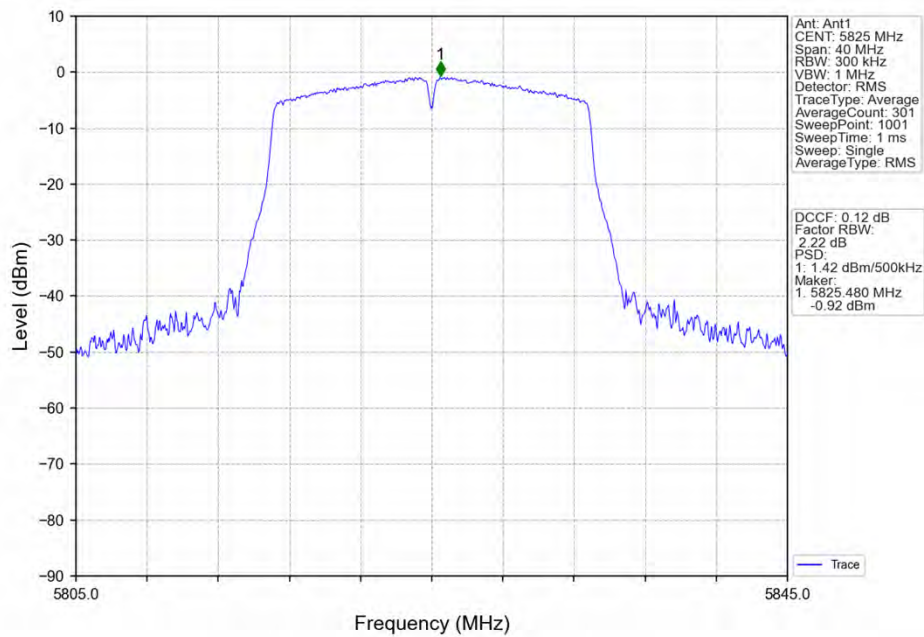
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



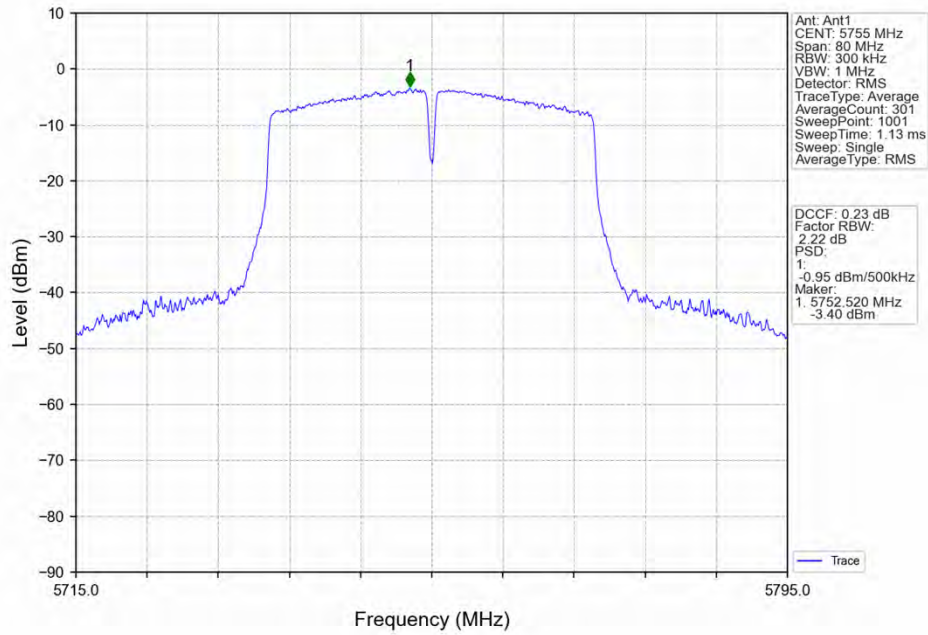
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



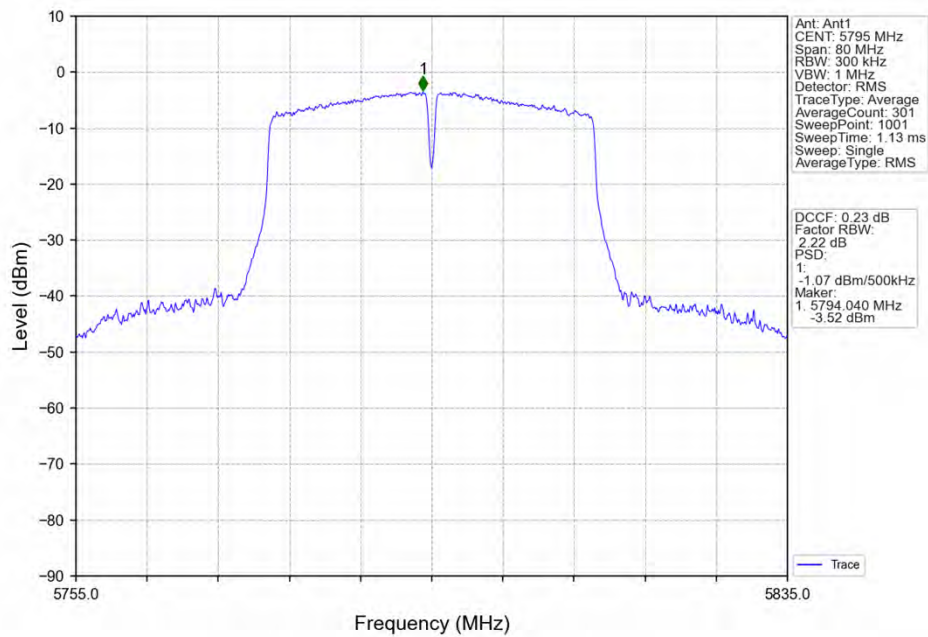
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



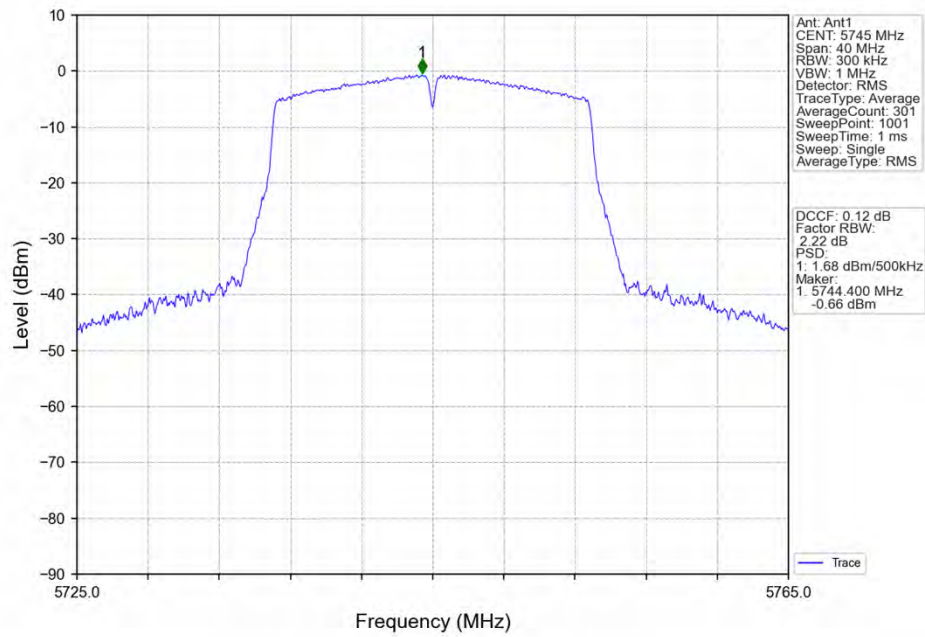
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



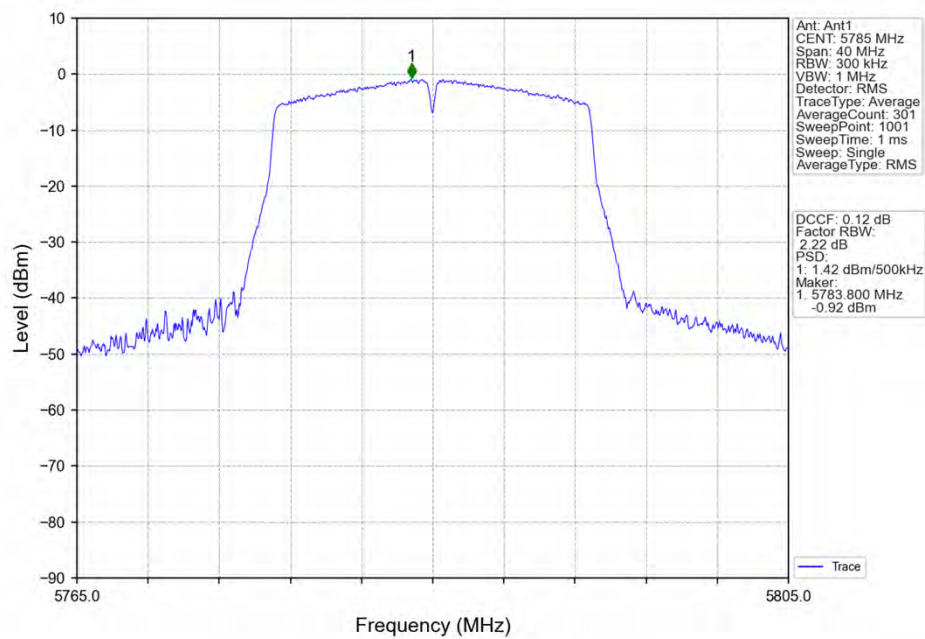
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



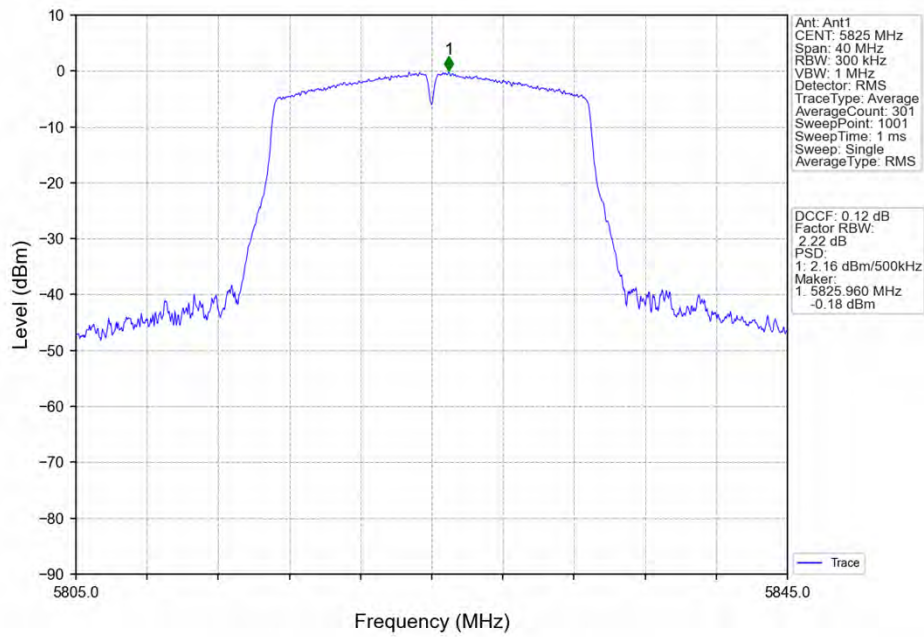
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



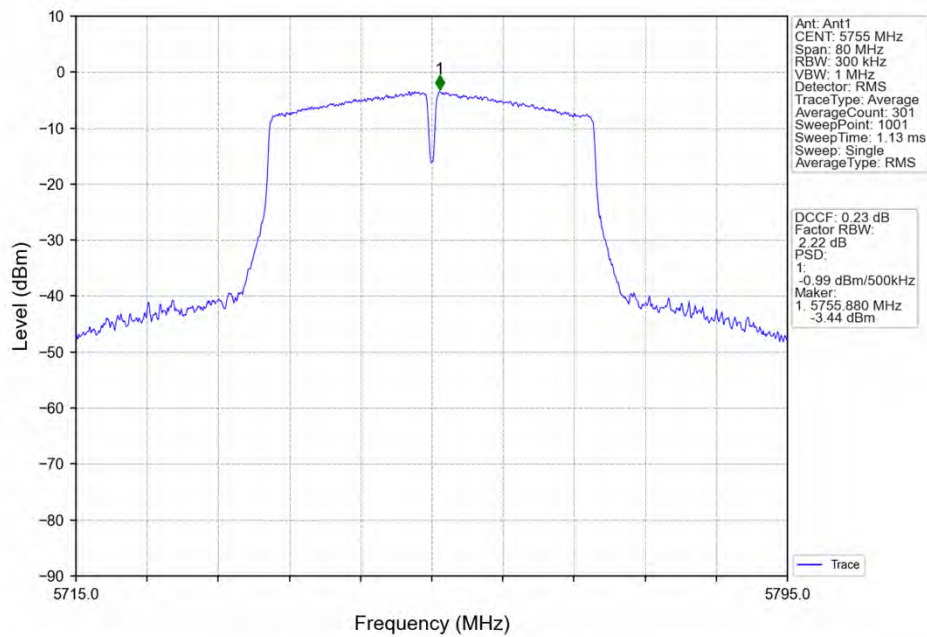
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



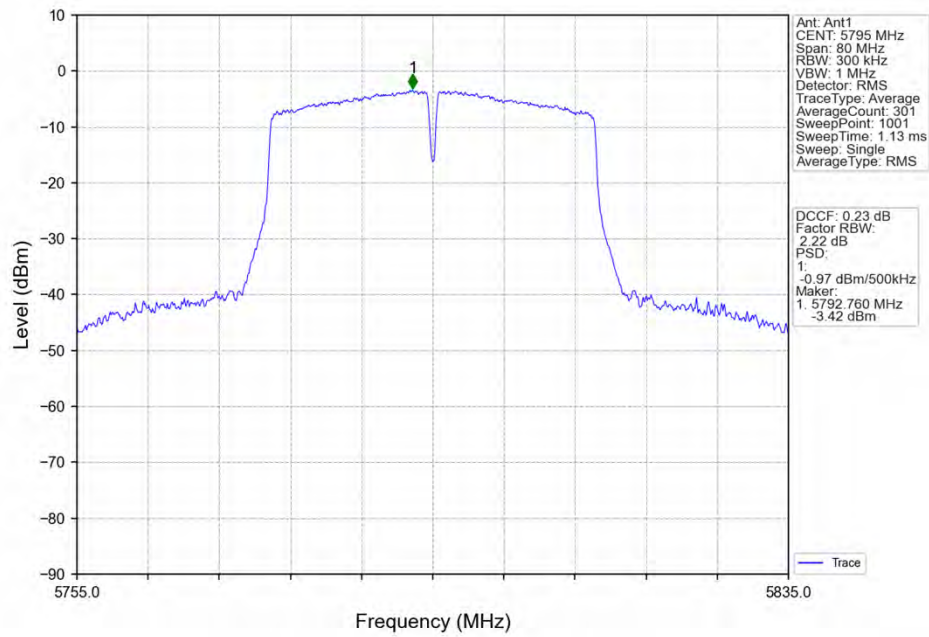
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



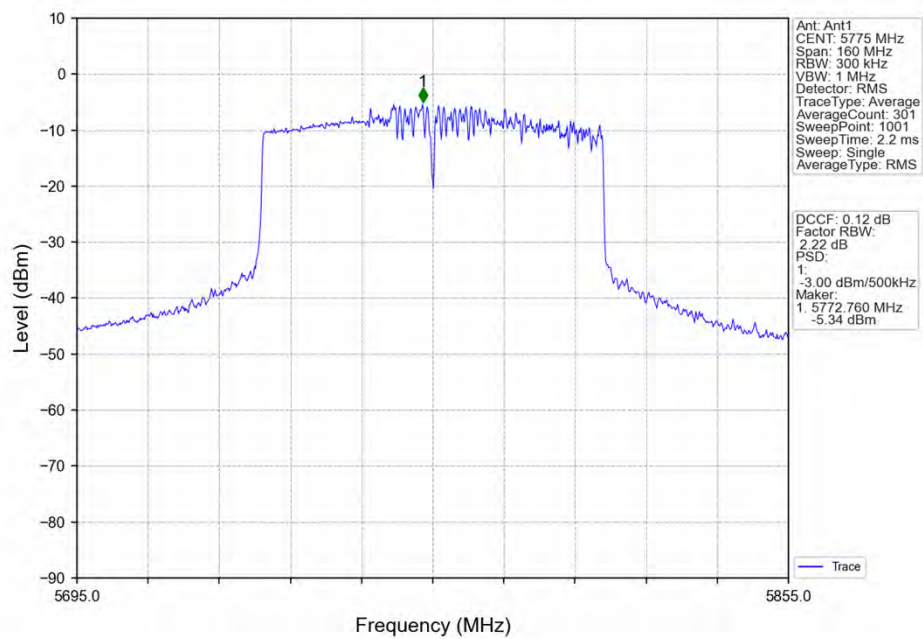
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



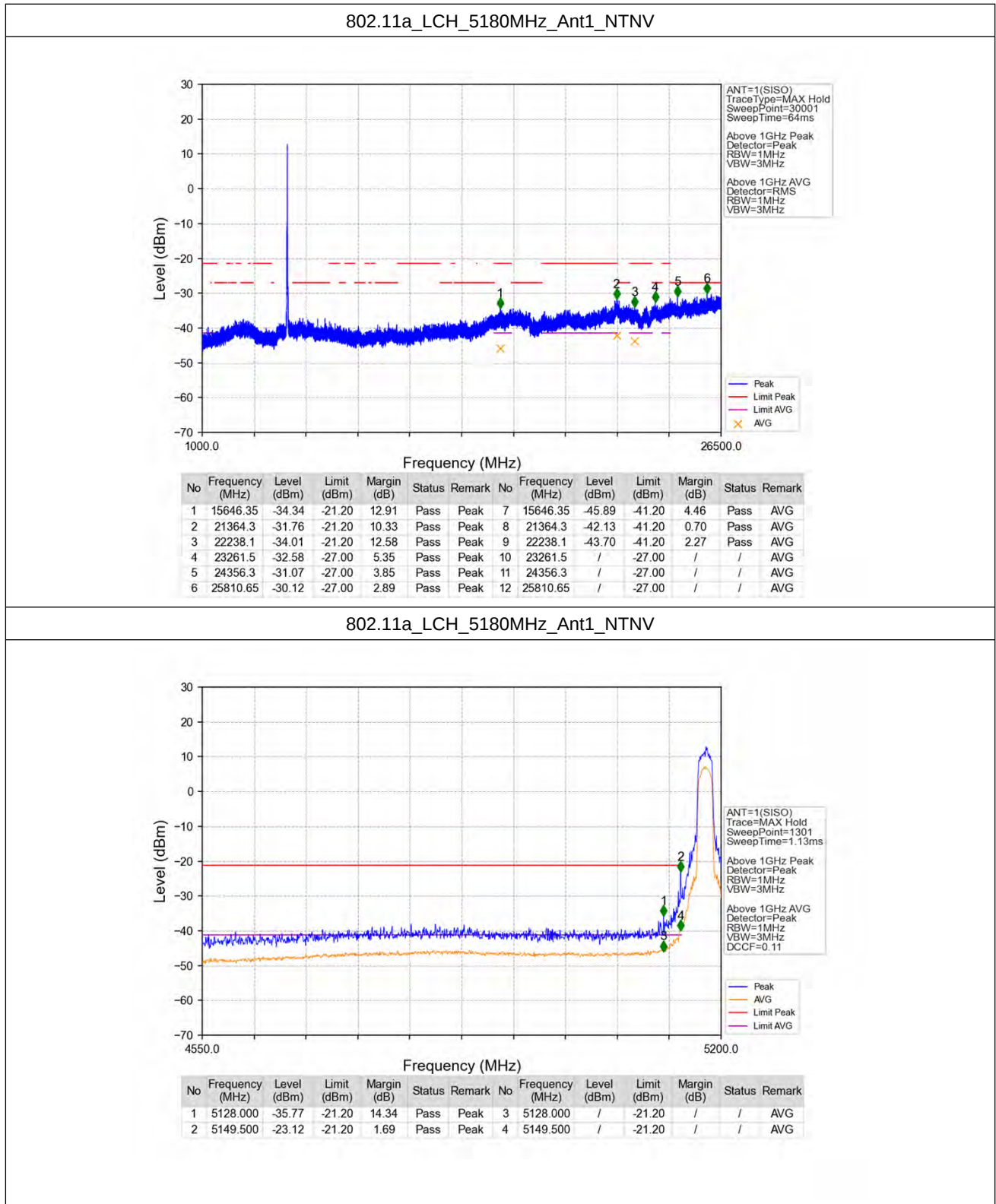
5. Unwanted Emissions In Restricted Frequency Bands

5.1 RSE

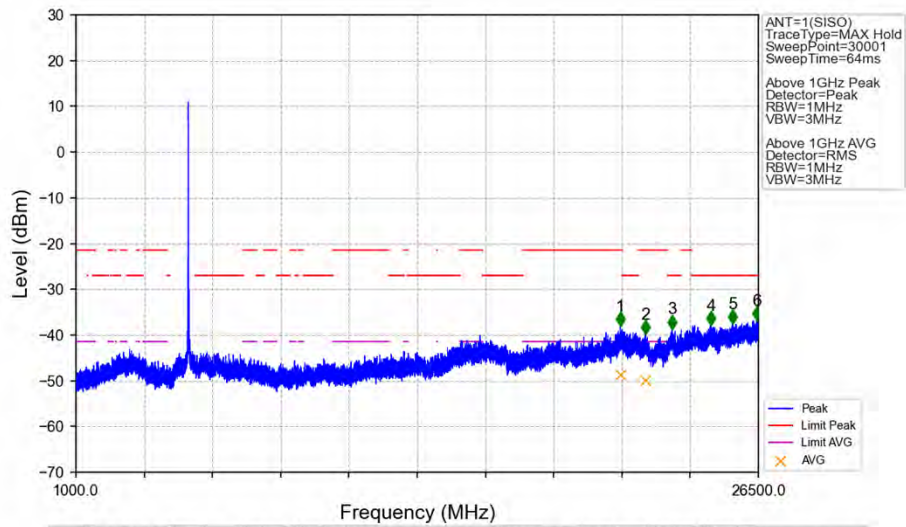
5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5210	1	Refer To Test Graph		Pass
		5775	1	Refer To Test Graph		Pass

5.1.2 Test Graph

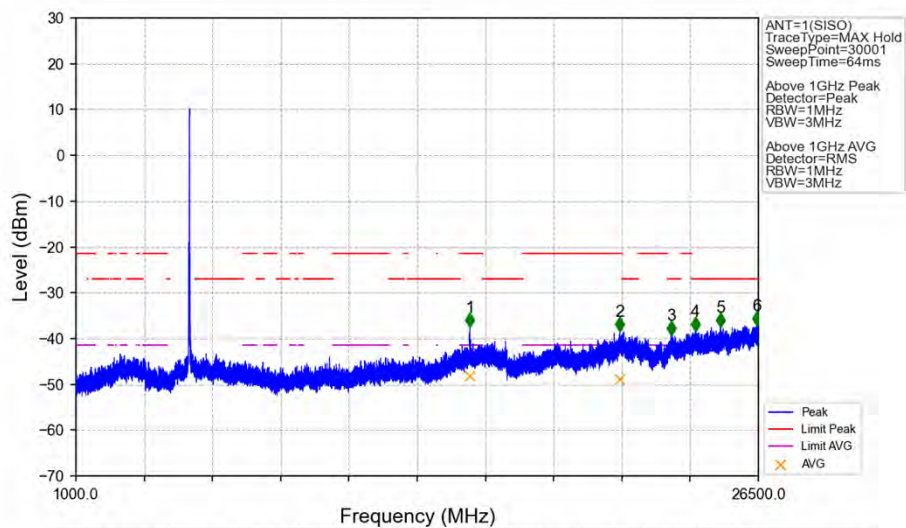


802.11a_MCH_5200MHz_Ant1_NTNV



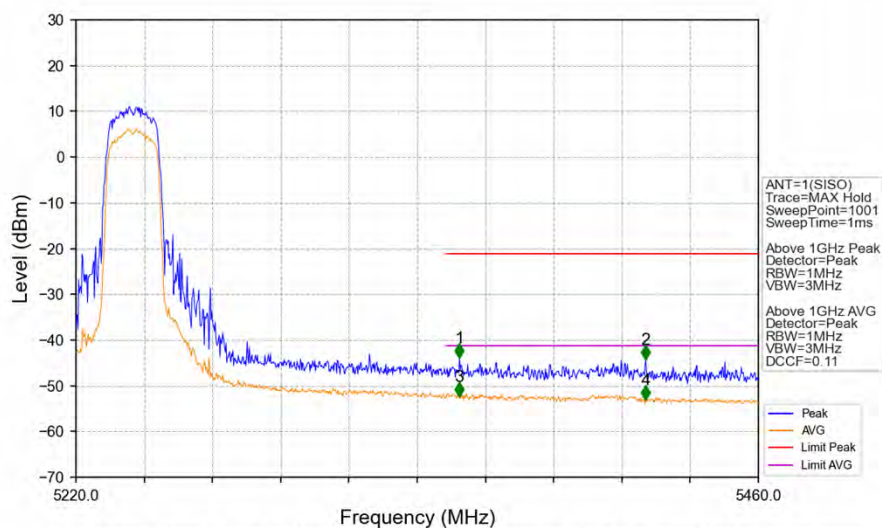
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21336.25	-38.04	-21.20	16.61	Pass	Peak	7	21336.25	-48.61	-41.20	7.18	Pass	AVG
2	22281.45	-39.89	-21.20	18.46	Pass	Peak	8	22281.45	-49.82	-41.20	8.39	Pass	AVG
3	23270	-38.71	-27.00	11.48	Pass	Peak	9	23270	/	-27.00	/	/	AVG
4	24729.45	-37.85	-27.00	10.62	Pass	Peak	10	24729.45	/	-27.00	/	/	AVG
5	25537.8	-37.51	-27.00	10.28	Pass	Peak	11	25537.8	/	-27.00	/	/	AVG
6	26430.3	-36.86	-27.00	9.63	Pass	Peak	12	26430.3	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV

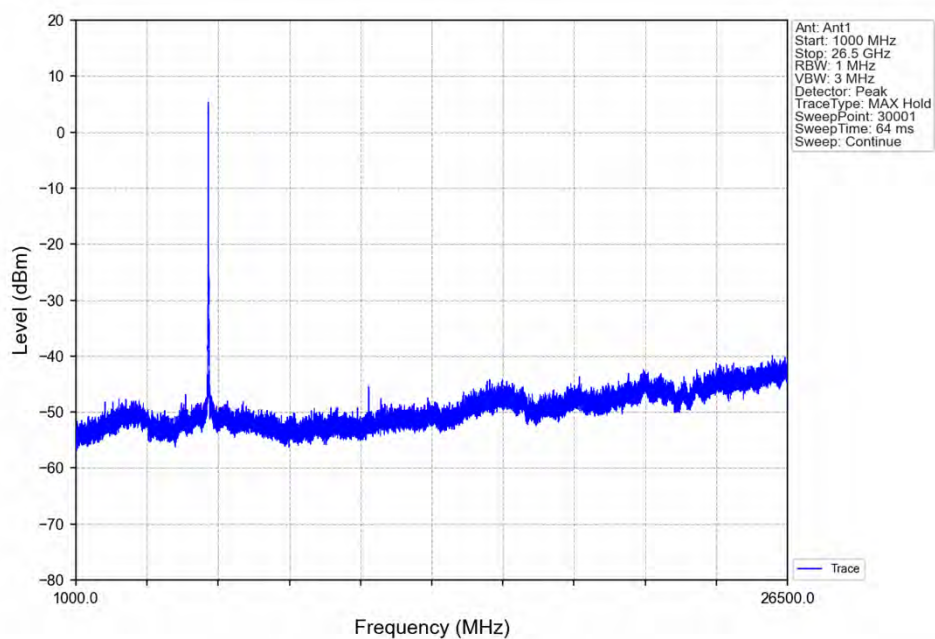


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	15722	-37.62	-21.20	16.19	Pass	Peak	7	15722	-48.18	-41.20	6.75	Pass	AVG
2	21326.9	-38.41	-21.20	16.98	Pass	Peak	8	21326.9	-48.88	-41.20	7.45	Pass	AVG
3	23232.6	-39.27	-27.00	12.04	Pass	Peak	9	23232.6	/	-27.00	/	/	AVG
4	24142.95	-38.48	-27.00	11.26	Pass	Peak	10	24142.95	/	-27.00	/	/	AVG
5	25083.9	-37.52	-27.00	10.29	Pass	Peak	11	25083.9	/	-27.00	/	/	AVG
6	26435.4	-37.20	-27.00	9.97	Pass	Peak	12	26435.4	/	-27.00	/	/	AVG

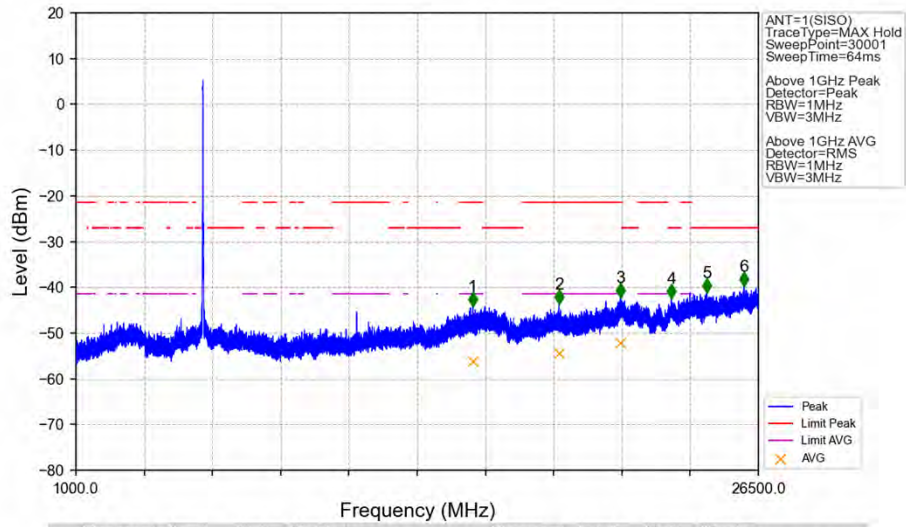
802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_LCH_5745MHz_Ant1_NTNV

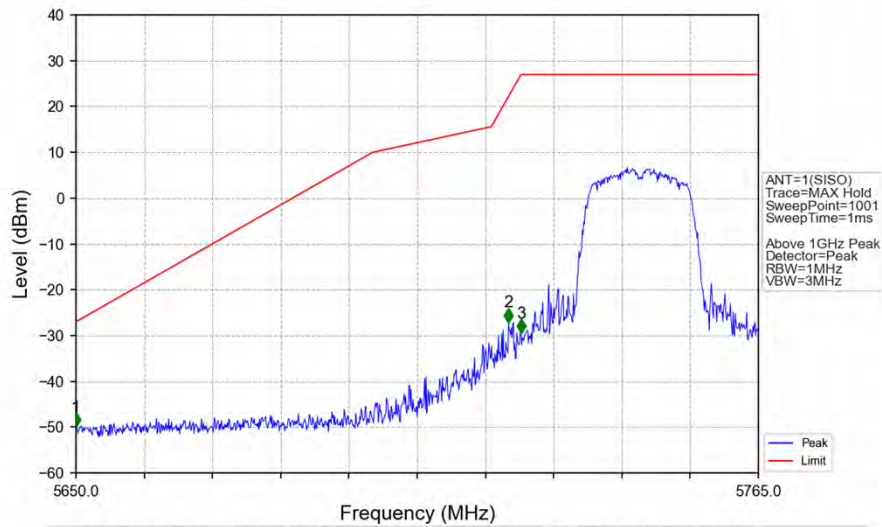


802.11a_LCH_5745MHz_Ant1_NTNV



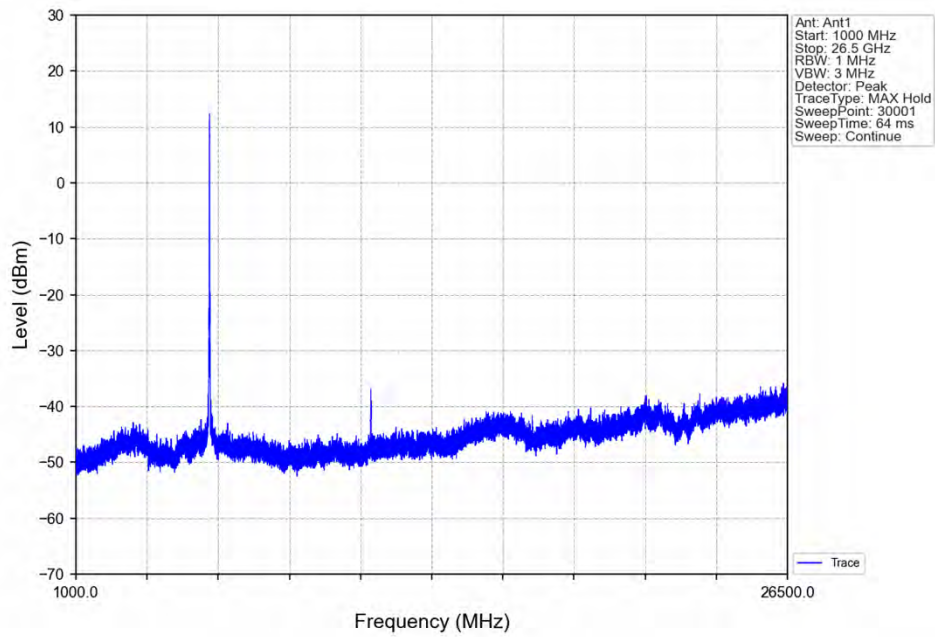
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	15830.8	-44.17	-21.20	22.74	Pass	Peak	7	15830.8	-56.25	-41.20	14.82	Pass	AVG
2	19046.35	-43.70	-21.20	22.27	Pass	Peak	8	19046.35	-54.47	-41.20	13.04	Pass	AVG
3	21337.95	-42.33	-21.20	20.90	Pass	Peak	9	21337.95	-52.16	-41.20	10.73	Pass	AVG
4	23247.05	-42.43	-27.00	15.20	Pass	Peak	10	23247.05	/	-27.00	/	/	AVG
5	24570.5	-41.26	-27.00	14.03	Pass	Peak	11	24570.5	/	-27.00	/	/	AVG
6	25961.1	-39.86	-27.00	12.63	Pass	Peak	12	25961.1	/	-27.00	/	/	AVG

802.11a_LCH_5745MHz_Ant1_NTNV

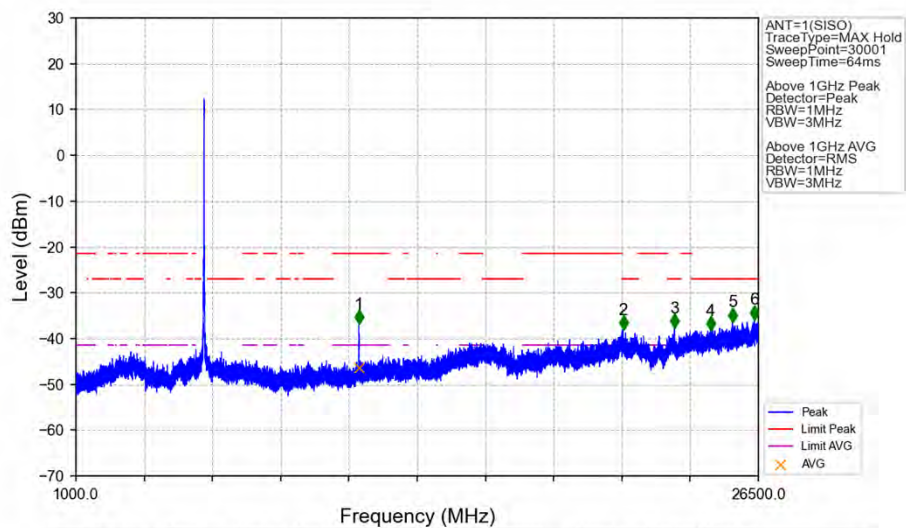


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.92	-21.20	28.49	Pass	Peak	3	5725.000	-29.47	-21.20	8.04	Pass	Peak
2	5722.910	-27.11	-21.20	5.68	Pass	Peak							

802.11a_MCH_5785MHz_Ant1_NTNV

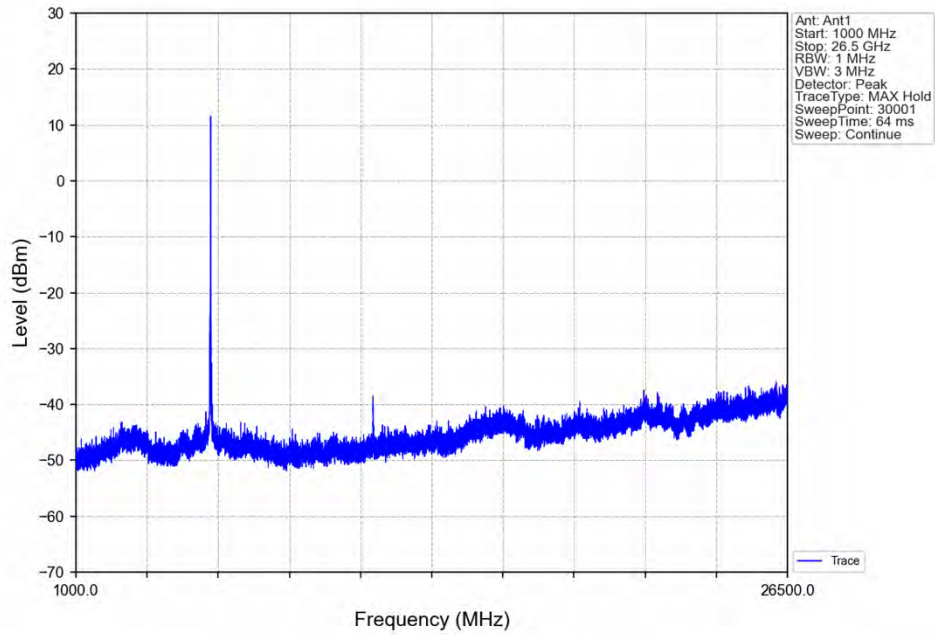


802.11a_MCH_5785MHz_Ant1_NTNV

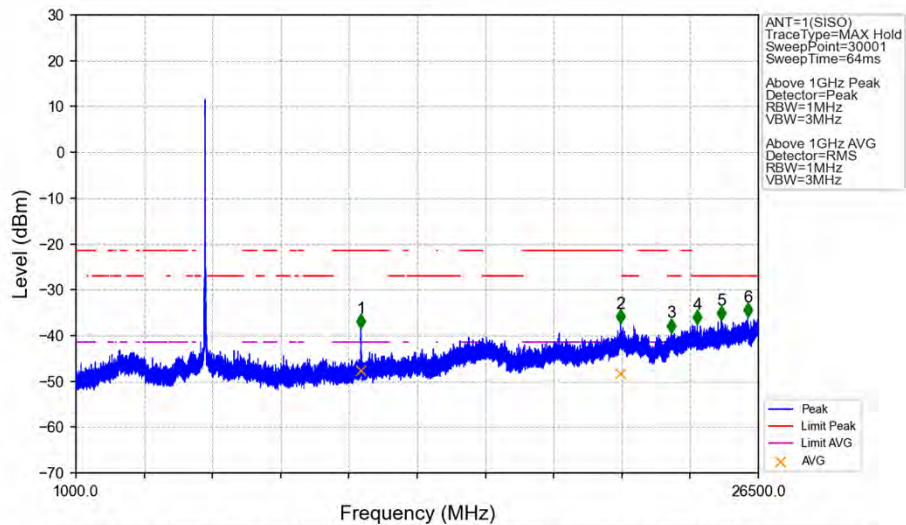


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11568.05	-36.89	-21.20	15.46	Pass	Peak	7	11568.05	-46.34	-41.20	4.91	Pass	AVG
2	21451.85	-38.06	-27.00	10.83	Pass	Peak	8	21451.85	/	-27.00	/	/	AVG
3	23360.95	-37.75	-27.00	10.52	Pass	Peak	9	23360.95	/	-27.00	/	/	AVG
4	24709.9	-38.32	-27.00	11.09	Pass	Peak	10	24709.9	/	-27.00	/	/	AVG
5	25531.85	-36.43	-27.00	9.20	Pass	Peak	11	25531.85	/	-27.00	/	/	AVG
6	26354.65	-35.87	-27.00	8.64	Pass	Peak	12	26354.65	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

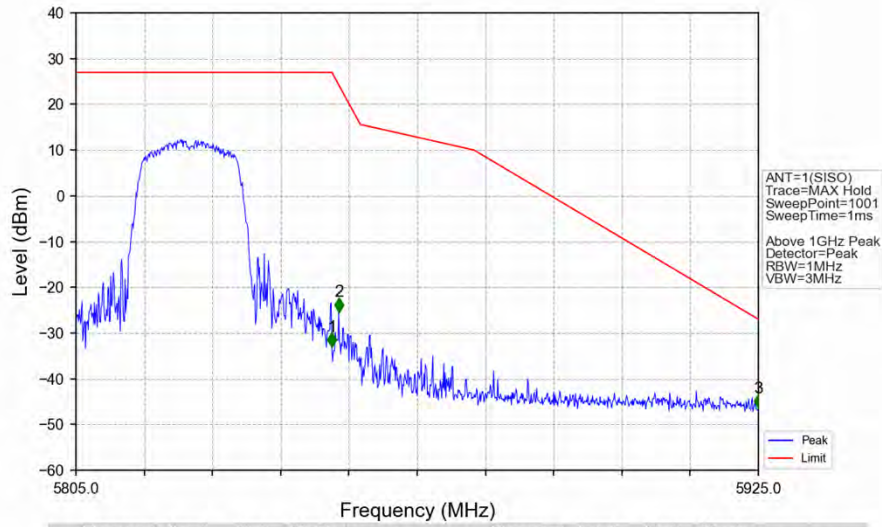


802.11a_HCH_5825MHz_Ant1_NTNV

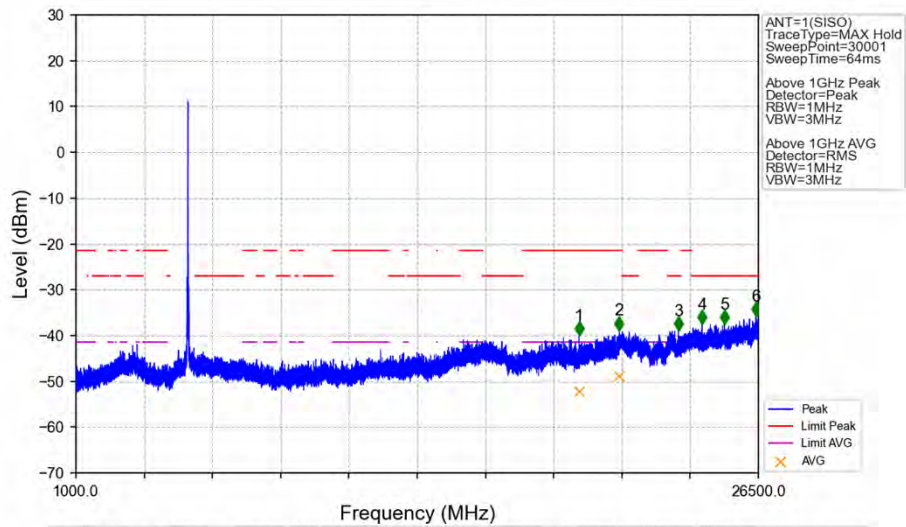


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11646.25	-38.49	-21.20	17.06	Pass	Peak	7	11646.25	-47.58	-41.20	6.15	Pass	AVG
2	21352.4	-37.39	-21.20	15.96	Pass	Peak	8	21352.4	-48.31	-41.20	6.88	Pass	AVG
3	23254.7	-39.42	-27.00	12.19	Pass	Peak	9	23254.7	/	-27.00	/	/	AVG
4	24220.3	-37.62	-27.00	10.39	Pass	Peak	10	24220.3	/	-27.00	/	/	AVG
5	25112.8	-36.66	-27.00	9.43	Pass	Peak	11	25112.8	/	-27.00	/	/	AVG
6	26098.8	-35.99	-27.00	8.76	Pass	Peak	12	26098.8	/	-27.00	/	/	AVG

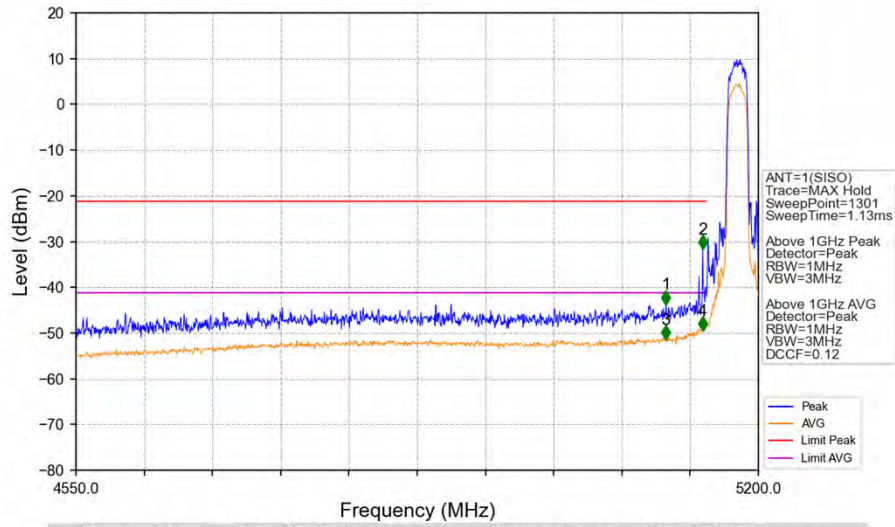
802.11a_HCH_5825MHz_Ant1_NTNV



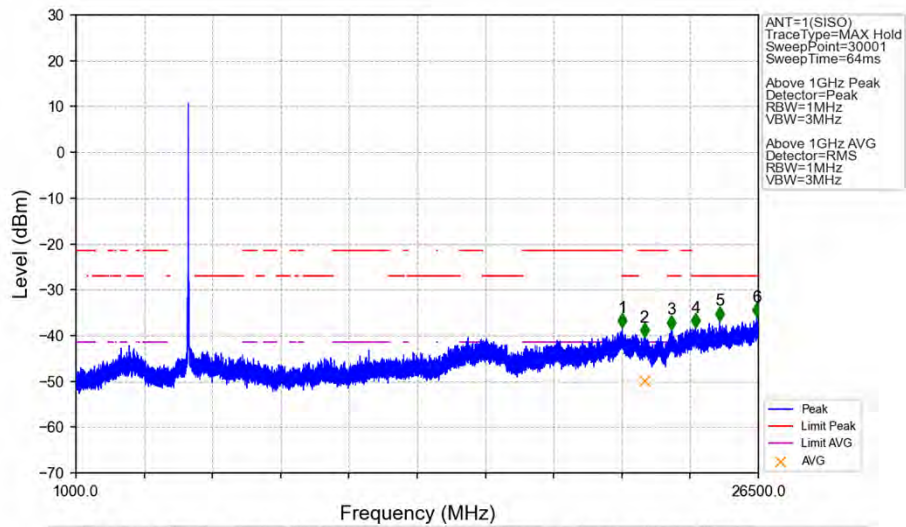
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



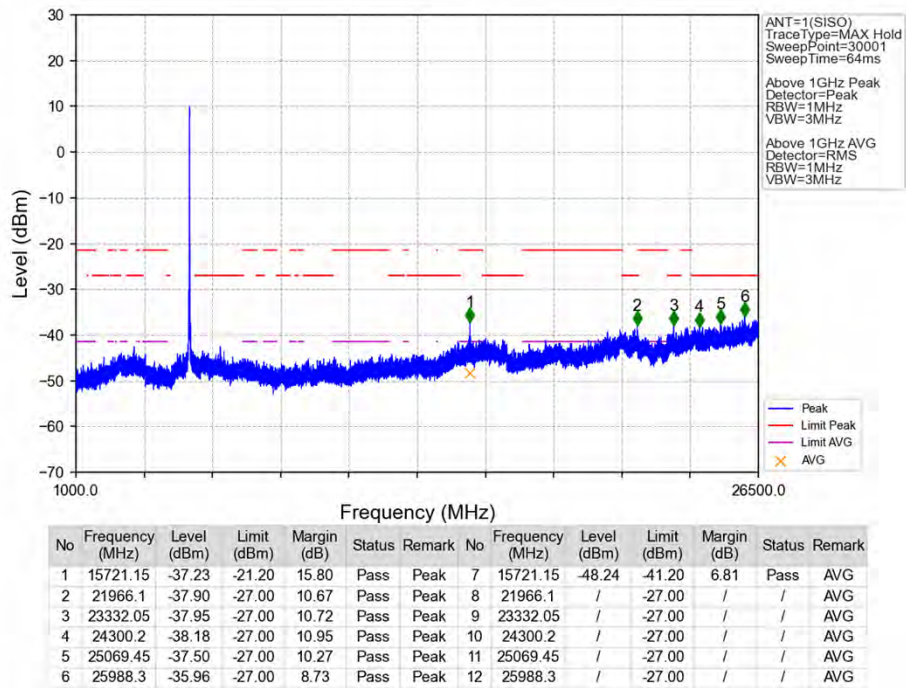
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



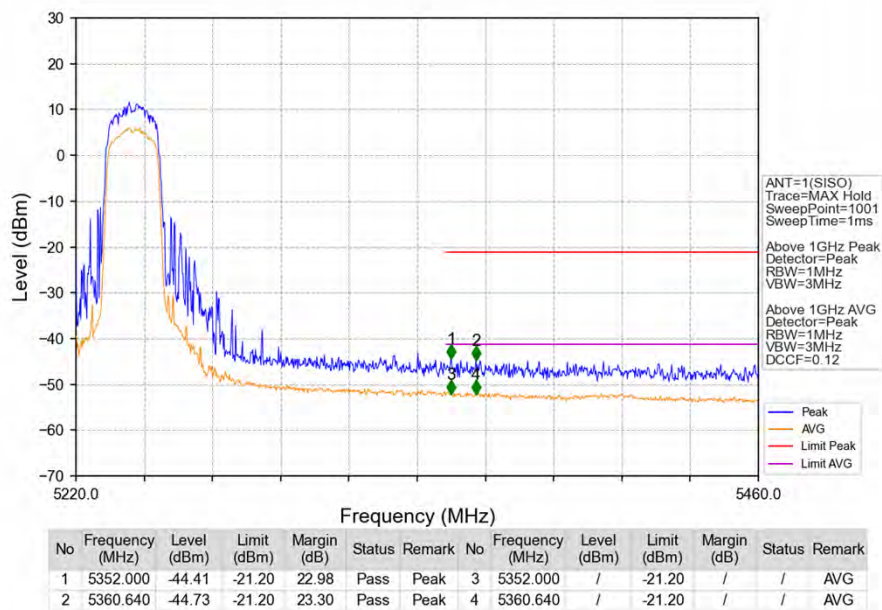
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



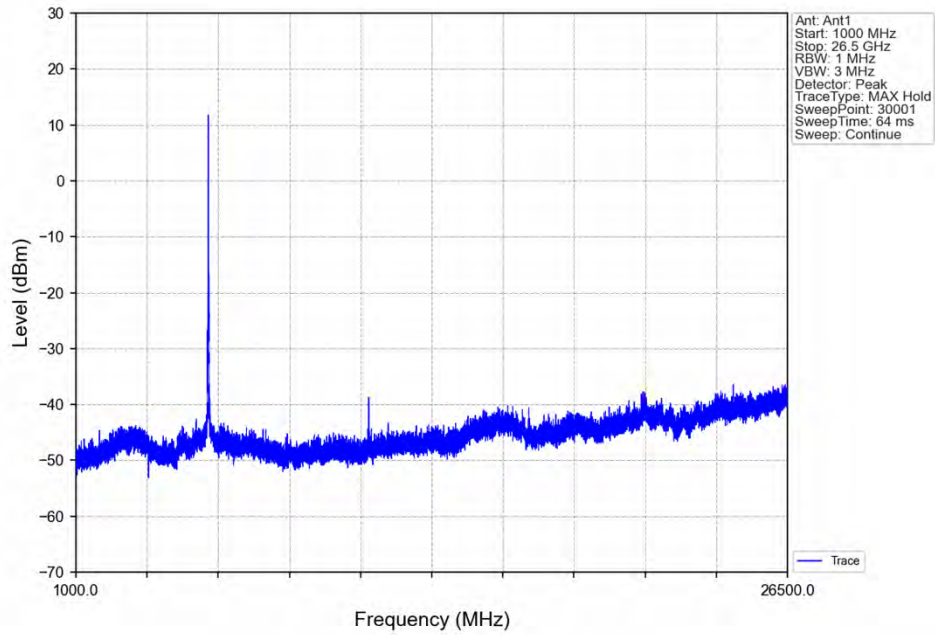
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



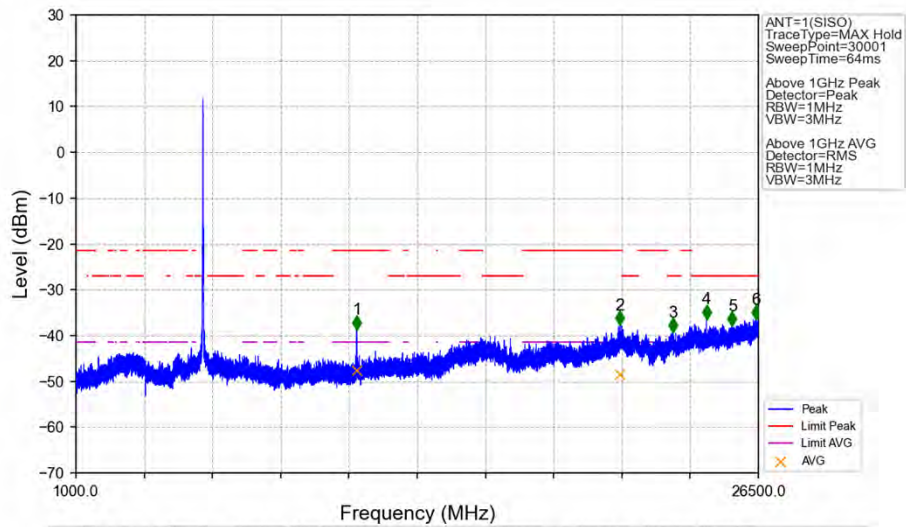
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

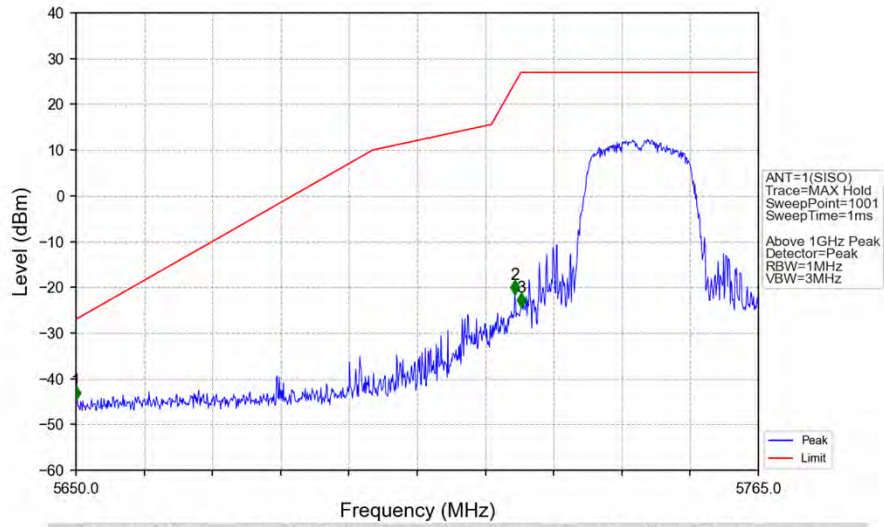


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

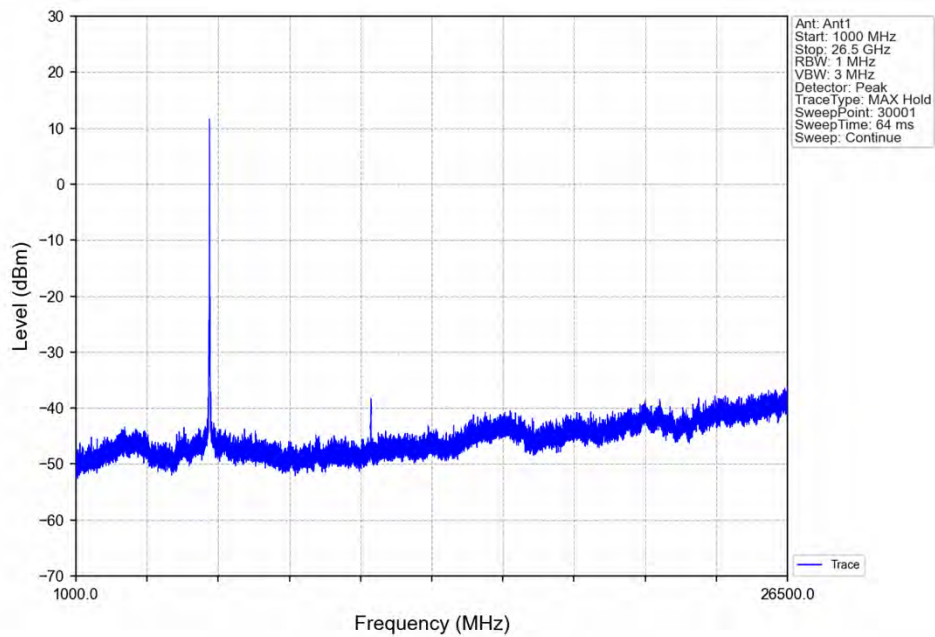


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11491.55	-38.73	-21.20	17.30	Pass	Peak	7	11491.55	-47.61	-41.20	6.18	Pass	AVG
2	21320.95	-37.69	-21.20	16.26	Pass	Peak	8	21320.95	-48.52	-41.20	7.09	Pass	AVG
3	23294.65	-39.34	-27.00	12.11	Pass	Peak	9	23294.65	/	-27.00	/	/	AVG
4	24556.9	-36.42	-27.00	9.19	Pass	Peak	10	24556.9	/	-27.00	/	/	AVG
5	25518.25	-37.95	-27.00	10.72	Pass	Peak	11	25518.25	/	-27.00	/	/	AVG
6	26422.65	-36.47	-27.00	9.24	Pass	Peak	12	26422.65	/	-27.00	/	/	AVG

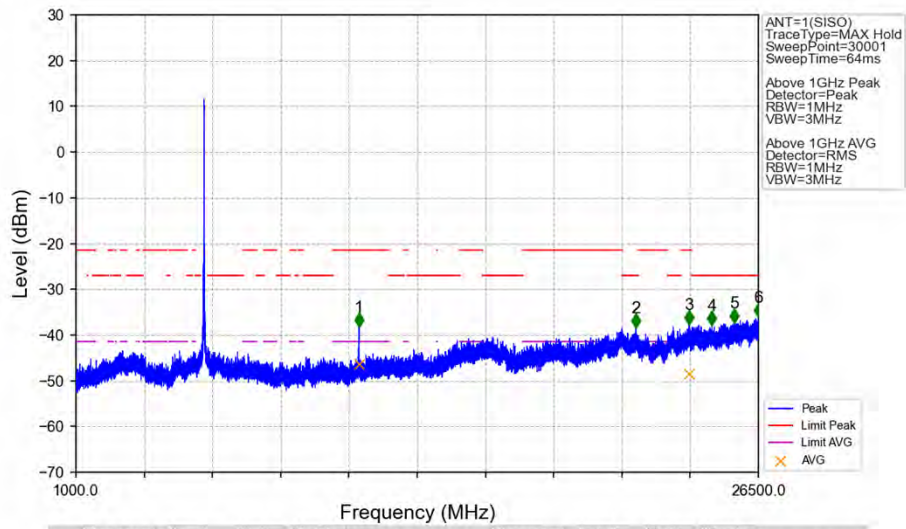
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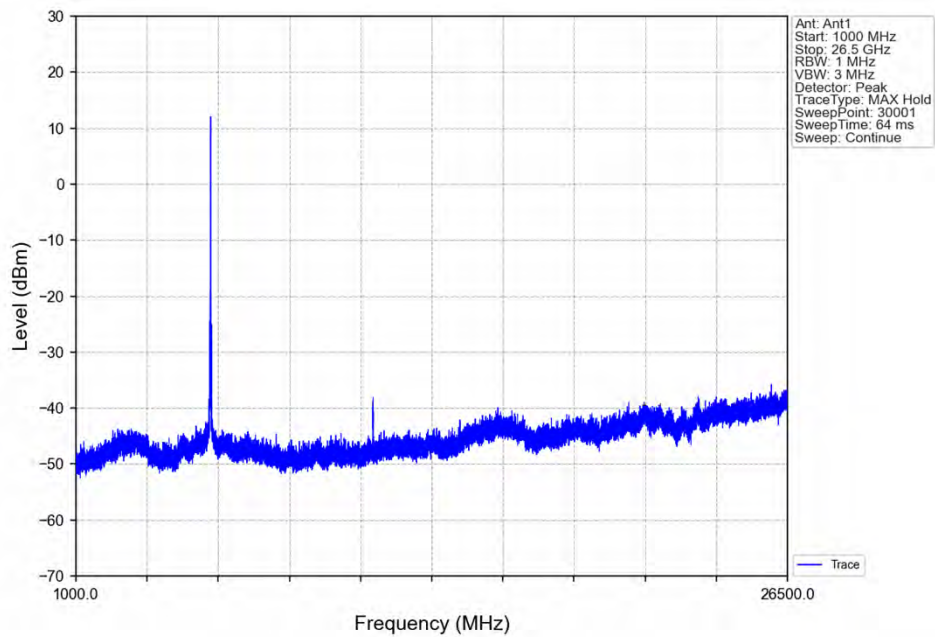
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



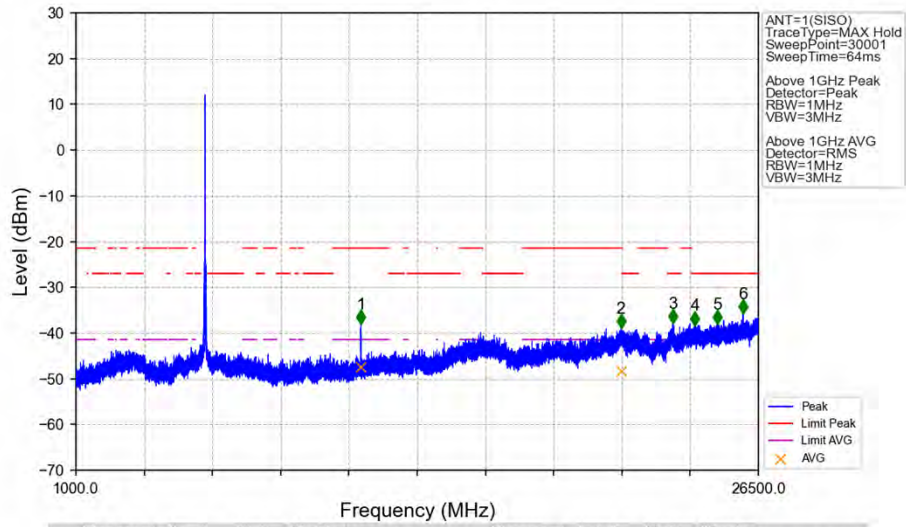
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

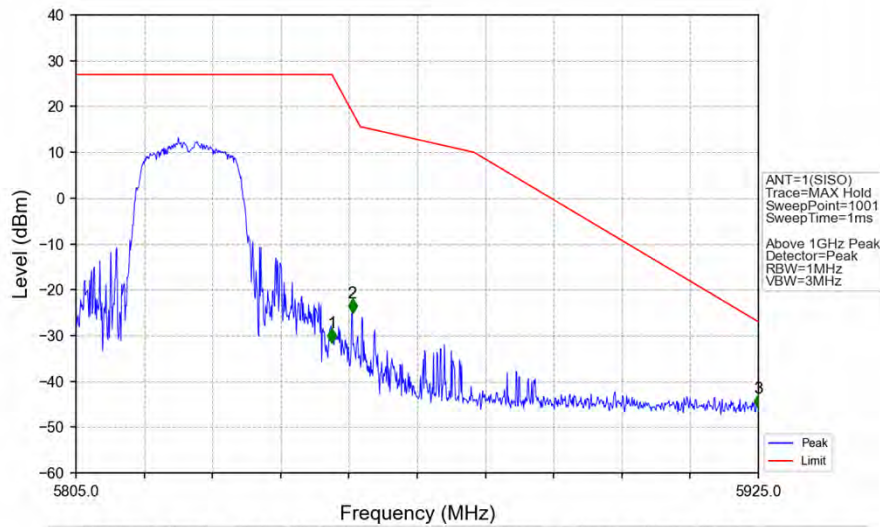


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



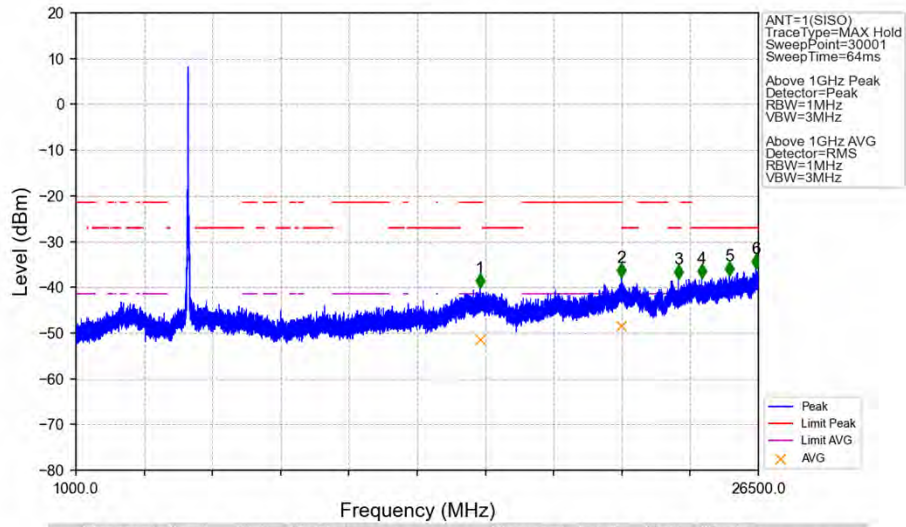
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11652.2	-38.07	-21.20	16.64	Pass	Peak	7	11652.2	-47.49	-41.20	6.06	Pass	AVG
2	21364.3	-38.94	-21.20	17.51	Pass	Peak	8	21364.3	-48.28	-41.20	6.85	Pass	AVG
3	23302.3	-37.92	-27.00	10.69	Pass	Peak	9	23302.3	/	-27.00	/	/	AVG
4	24129.35	-38.36	-27.00	11.13	Pass	Peak	10	24129.35	/	-27.00	/	/	AVG
5	24964.05	-38.11	-27.00	10.88	Pass	Peak	11	24964.05	/	-27.00	/	/	AVG
6	25926.25	-35.73	-27.00	8.50	Pass	Peak	12	25926.25	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



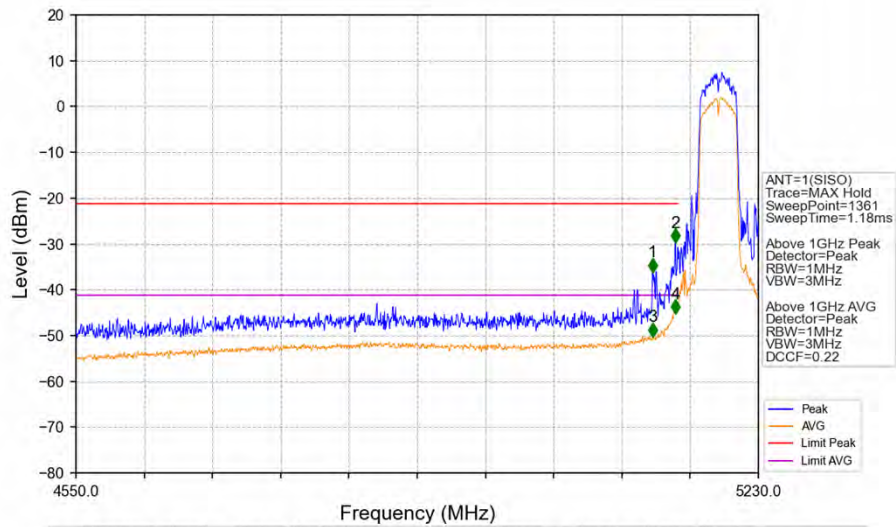
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-31.68	-21.20	10.25	Pass	Peak	3	5925.000	-45.86	-21.20	24.43	Pass	Peak
2	5853.600	-25.14	-21.20	3.71	Pass	Peak							

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



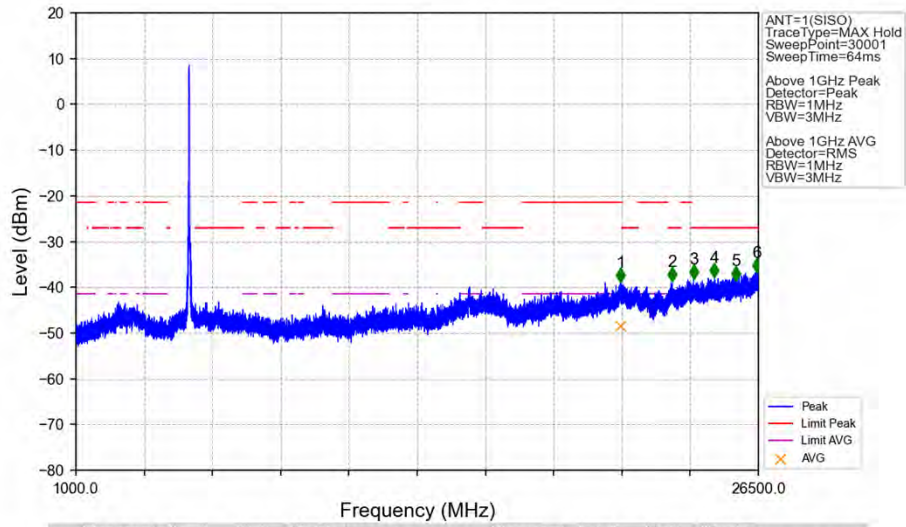
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1	16093.45	-40.12	-21.20	18.69	Pass	Peak	7	16093.45	-51.44	-41.20	10.01	Pass	AVG
2	21383	-37.88	-21.20	16.45	Pass	Peak	8	21383	-48.49	-41.20	7.06	Pass	AVG
3	23507.15	-38.26	-27.00	11.03	Pass	Peak	9	23507.15	/	-27.00	/	/	AVG
4	24380.1	-38.09	-27.00	10.86	Pass	Peak	10	24380.1	/	-27.00	/	/	AVG
5	25415.4	-37.56	-27.00	10.33	Pass	Peak	11	25415.4	/	-27.00	/	/	AVG
6	26403.1	-35.97	-27.00	8.74	Pass	Peak	12	26403.1	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



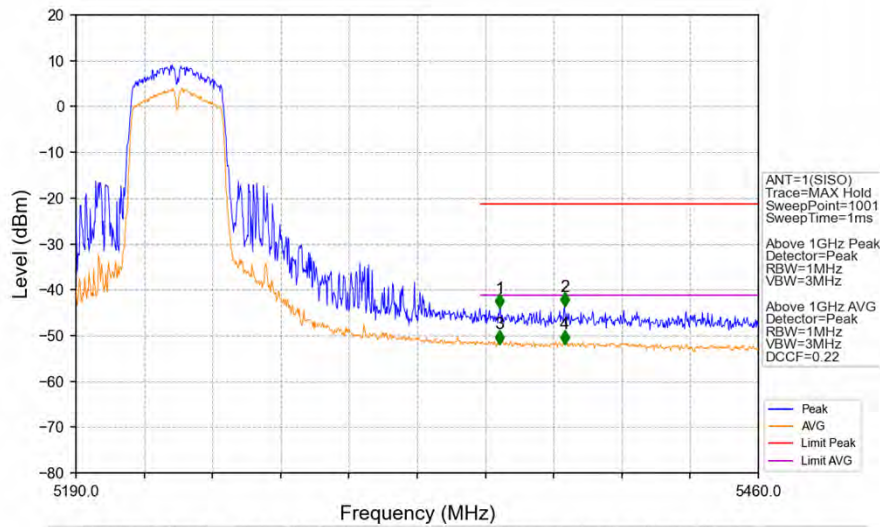
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5124.500	-36.20	-21.20	14.77	Pass	Peak	3	5124.500	/	-21.20	/	/	AVG
2	5147.500	-29.77	-21.20	8.34	Pass	Peak	4	5147.500	/	-21.20	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



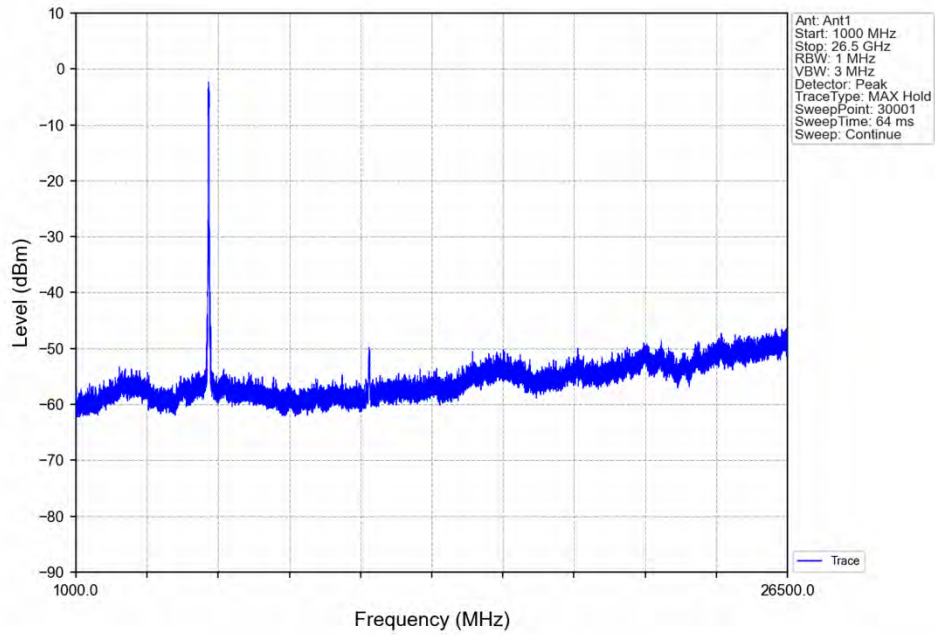
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21351.55	-38.95	-21.20	17.52	Pass	Peak	7	21351.55	-48.49	-41.20	7.06	Pass	AVG
2	23287	-38.73	-27.00	11.51	Pass	Peak	8	23287	/	-27.00	/	/	AVG
3	24079.2	-38.17	-27.00	10.95	Pass	Peak	9	24079.2	/	-27.00	/	/	AVG
4	24856.95	-37.80	-27.00	10.57	Pass	Peak	10	24856.95	/	-27.00	/	/	AVG
5	25661.05	-38.50	-27.00	11.27	Pass	Peak	11	25661.05	/	-27.00	/	/	AVG
6	26426.9	-36.73	-27.00	9.50	Pass	Peak	12	26426.9	/	-27.00	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

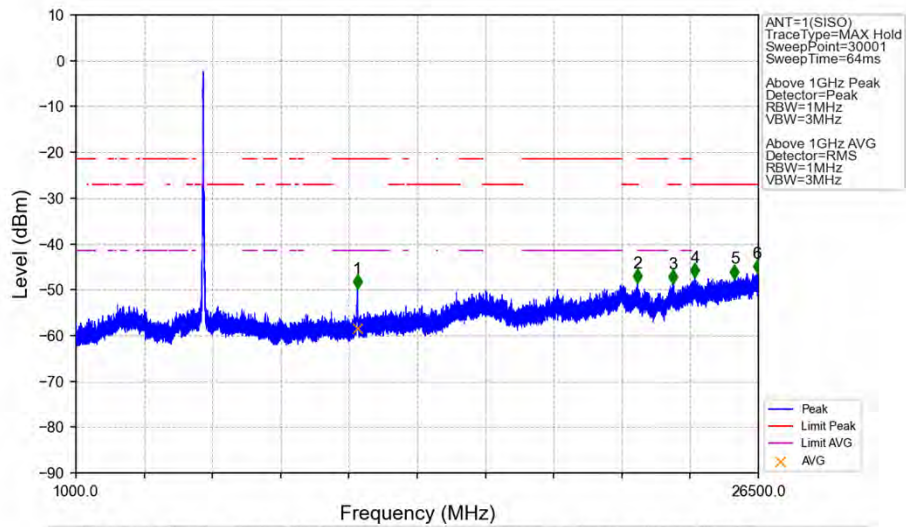


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5357.670	-44.03	-21.20	22.60	Pass	Peak	3	5357.670	/	-21.20	/	/	AVG
2	5383.320	-43.68	-21.20	22.25	Pass	Peak	4	5383.320	/	-21.20	/	/	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

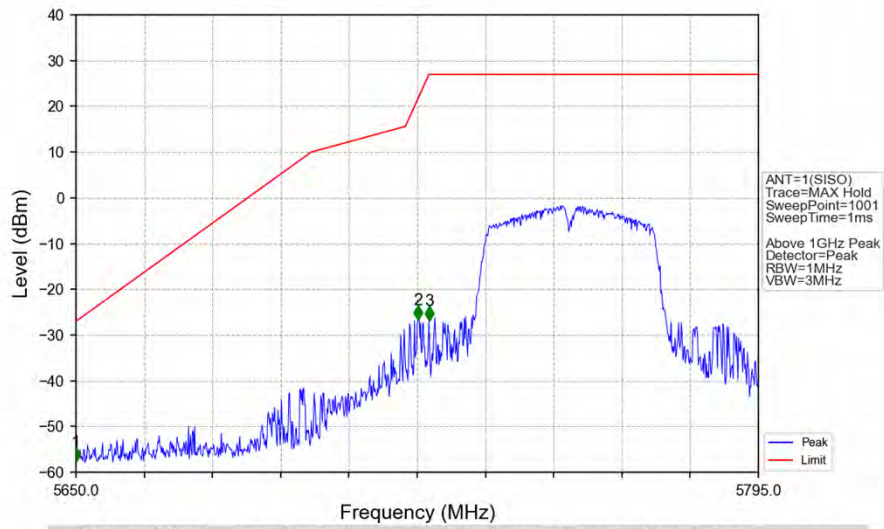


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

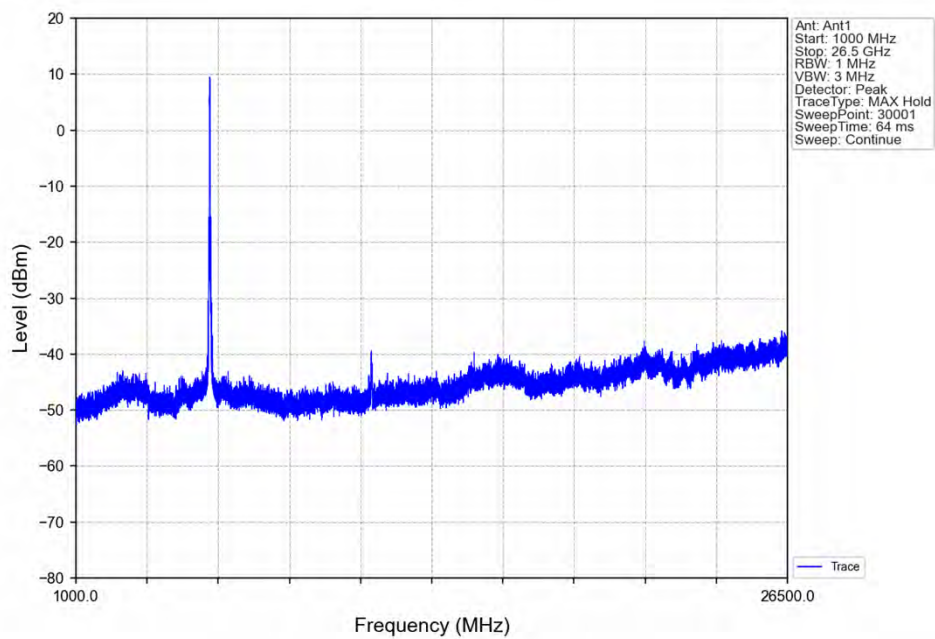


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11506	-49.76	-21.20	28.33	Pass	Peak	7	11506	-58.50	-41.20	17.07	Pass	AVG
2	21979.7	-48.56	-27.00	21.33	Pass	Peak	8	21979.7	/	-27.00	/	/	AVG
3	23297.2	-48.80	-27.00	21.57	Pass	Peak	9	23297.2	/	-27.00	/	/	AVG
4	24128.5	-47.27	-27.00	20.04	Pass	Peak	10	24128.5	/	-27.00	/	/	AVG
5	25608.35	-47.60	-27.00	20.37	Pass	Peak	11	25608.35	/	-27.00	/	/	AVG
6	26454.95	-46.45	-27.00	19.22	Pass	Peak	12	26454.95	/	-27.00	/	/	AVG

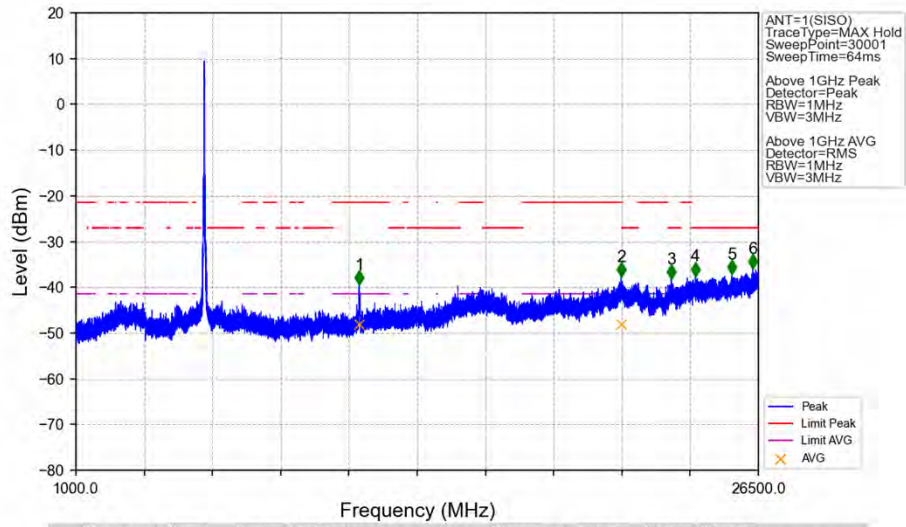
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



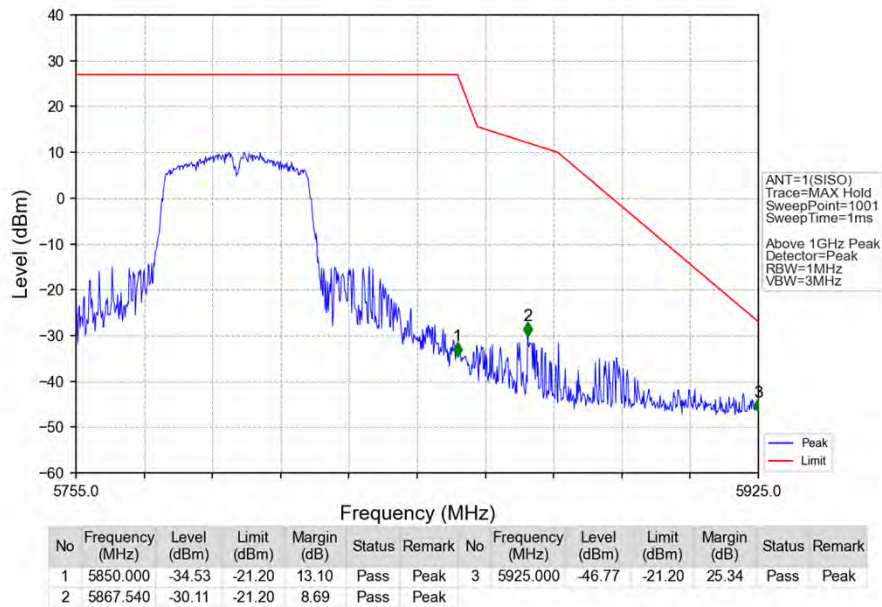
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



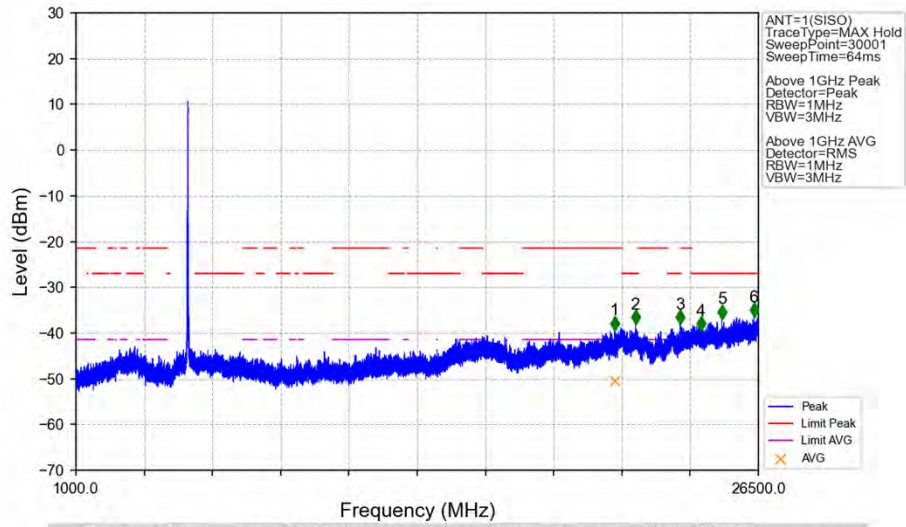
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



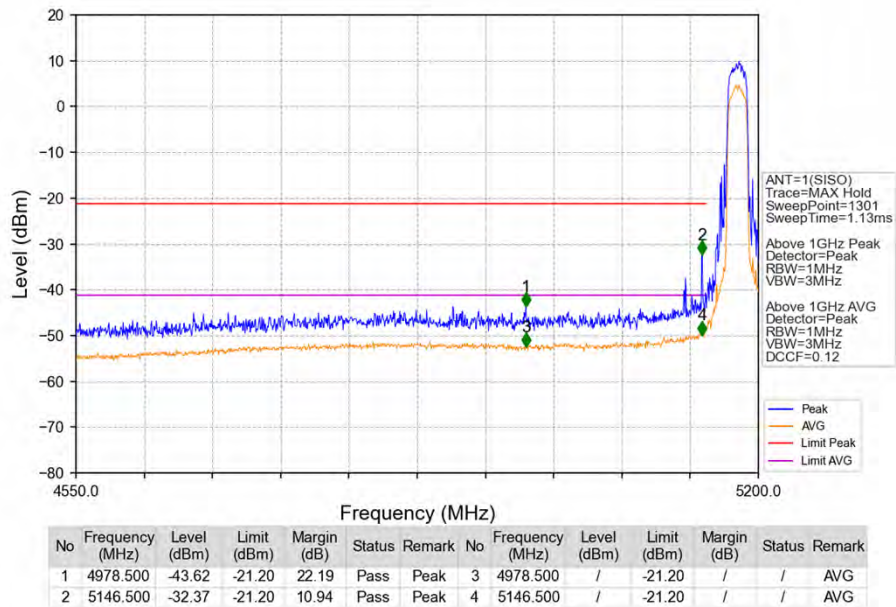
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



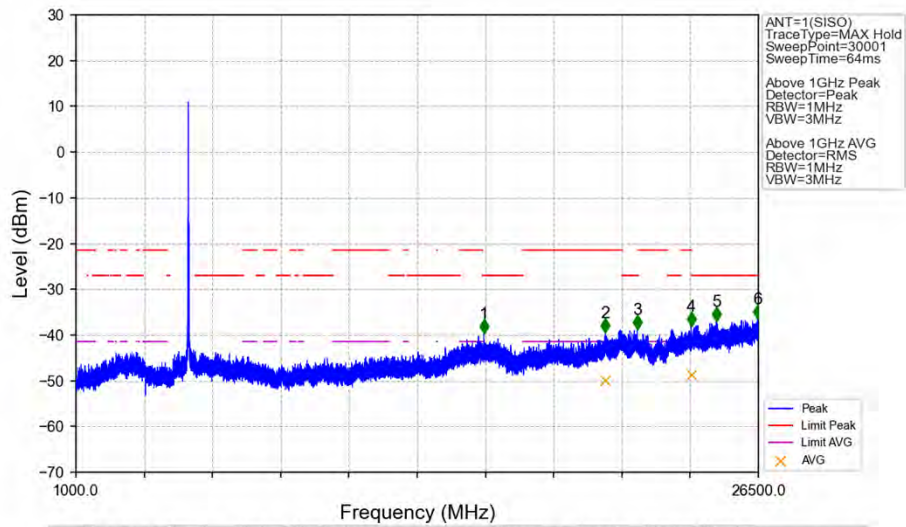
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV

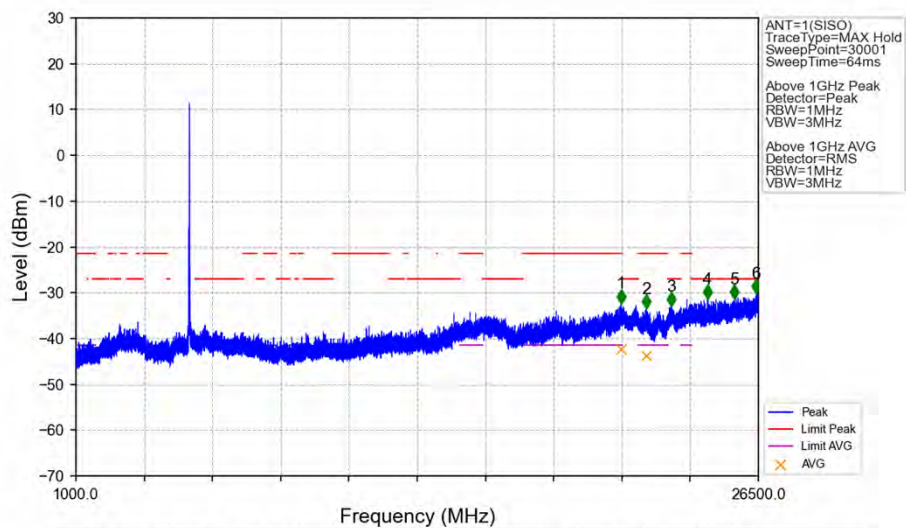


802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



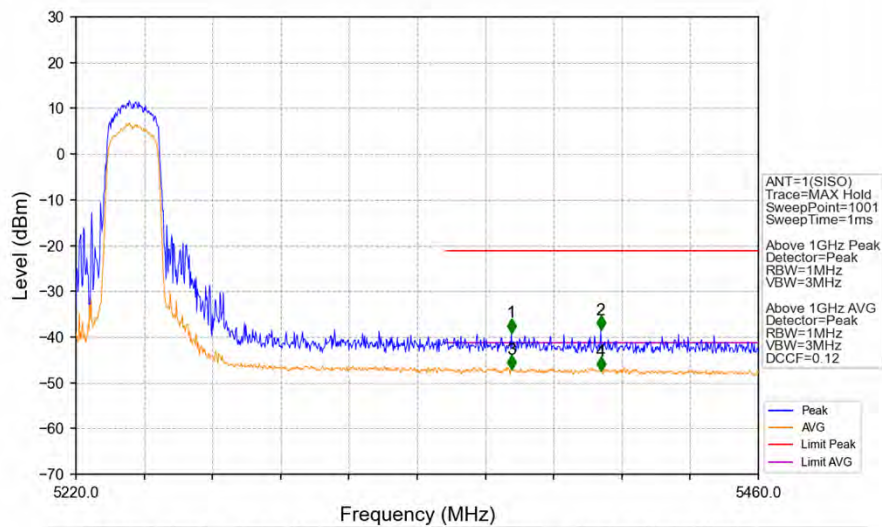
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	16238.8	-39.71	-27.00	12.48	Pass	Peak	7	16238.8	/	-27.00	/	/	AVG
2	20784.6	-39.55	-21.20	18.12	Pass	Peak	8	20784.6	-49.81	-41.20	8.38	Pass	AVG
3	21969.5	-38.82	-27.00	11.59	Pass	Peak	9	21969.5	/	-27.00	/	/	AVG
4	23987.4	-38.12	-21.20	16.69	Pass	Peak	10	23987.4	-48.59	-41.20	7.16	Pass	AVG
5	24930.9	-37.03	-27.00	9.80	Pass	Peak	11	24930.9	/	-27.00	/	/	AVG
6	26461.75	-36.51	-27.00	9.28	Pass	Peak	12	26461.75	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

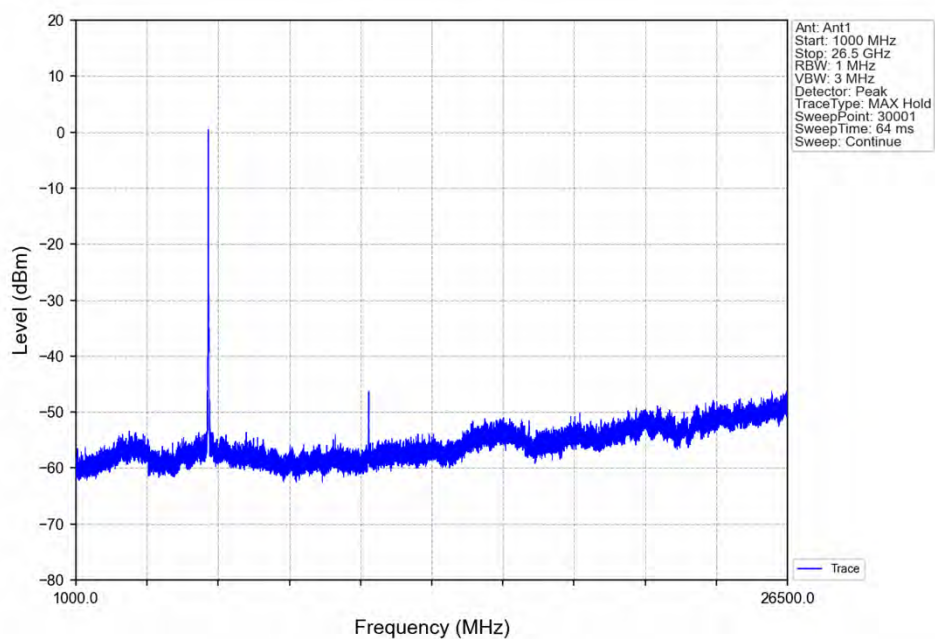


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21365.15	-32.35	-21.20	10.92	Pass	Peak	7	21365.15	-42.32	-41.20	0.89	Pass	AVG
2	22306.95	-33.45	-21.20	12.02	Pass	Peak	8	22306.95	-43.67	-41.20	2.24	Pass	AVG
3	23253	-32.96	-27.00	5.73	Pass	Peak	9	23253	/	-27.00	/	/	AVG
4	24594.3	-31.42	-27.00	4.19	Pass	Peak	10	24594.3	/	-27.00	/	/	AVG
5	25604.95	-31.39	-27.00	4.16	Pass	Peak	11	25604.95	/	-27.00	/	/	AVG
6	26420.1	-30.18	-27.00	2.95	Pass	Peak	12	26420.1	/	-27.00	/	/	AVG

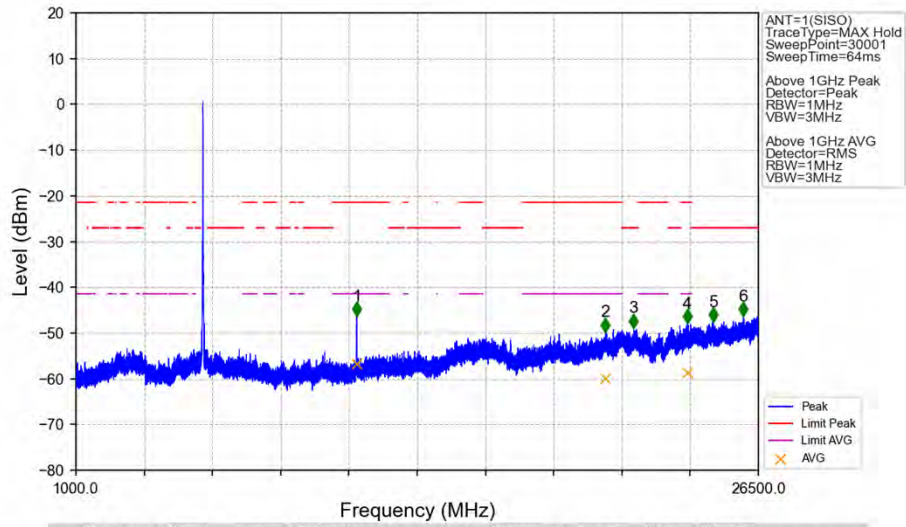
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

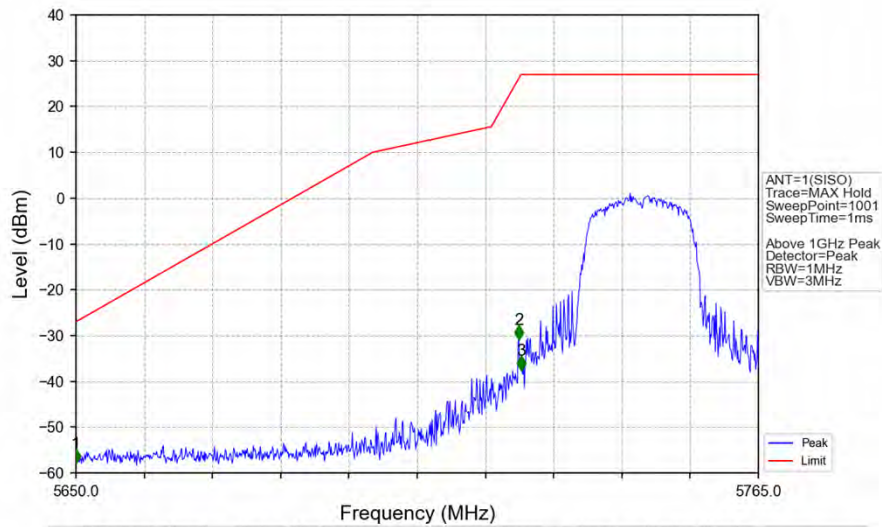


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



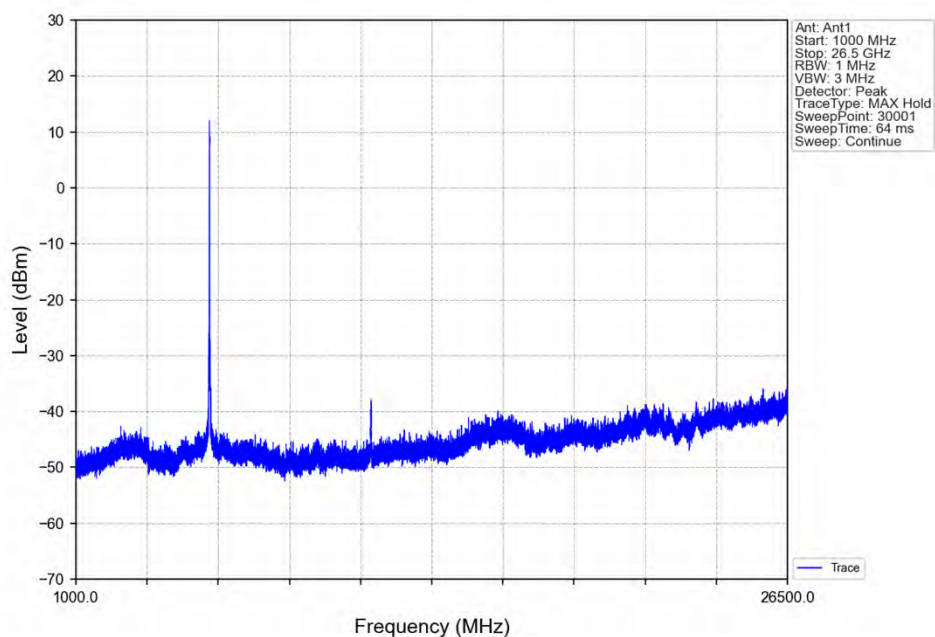
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11494.1	-46.32	-21.20	24.89	Pass	Peak	7	11494.1	-56.73	-41.20	15.30	Pass	AVG
2	20783.75	-49.75	-21.20	28.32	Pass	Peak	8	20783.75	-59.89	-41.20	18.46	Pass	AVG
3	21841.15	-48.87	-27.00	21.64	Pass	Peak	9	21841.15	/	-27.00	/	/	AVG
4	23841.2	-47.90	-21.20	26.47	Pass	Peak	10	23841.2	-58.60	-41.20	17.17	Pass	AVG
5	24810.2	-47.57	-27.00	20.34	Pass	Peak	11	24810.2	/	-27.00	/	/	AVG
6	25936.45	-46.26	-27.00	19.03	Pass	Peak	12	25936.45	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

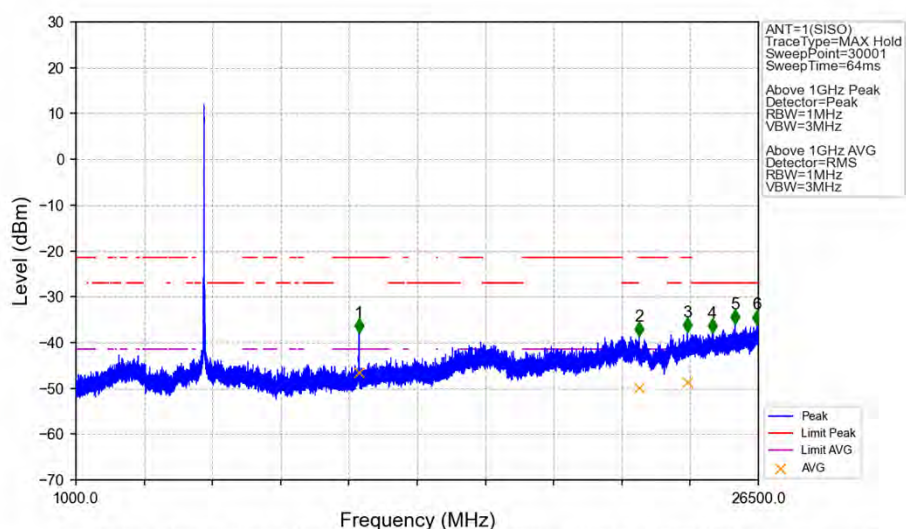


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-57.88	-21.20	36.45	Pass	Peak	3	5725.000	-37.65	-21.20	16.22	Pass	Peak
2	5724.635	-30.92	-21.20	9.49	Pass	Peak							

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

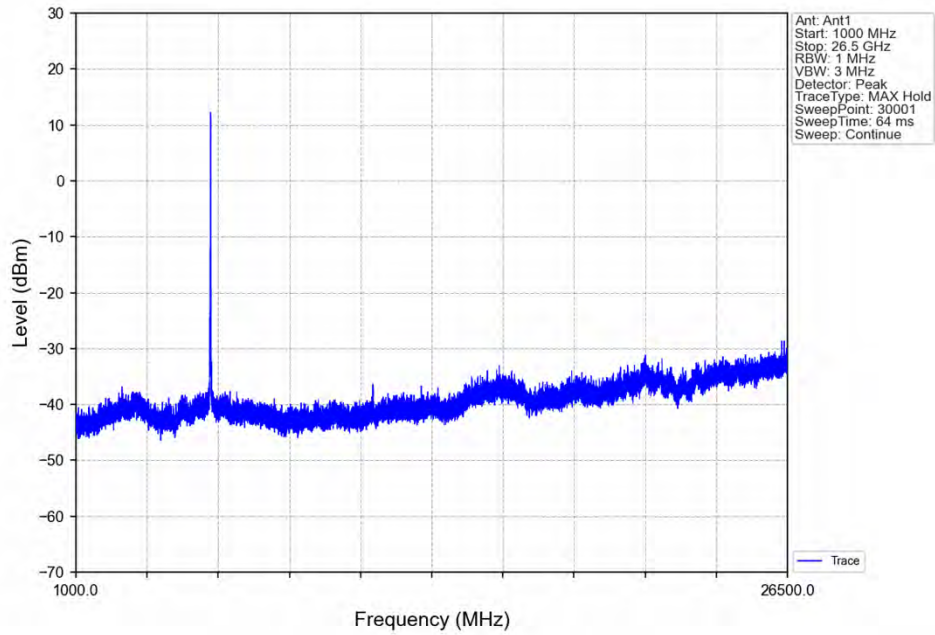


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

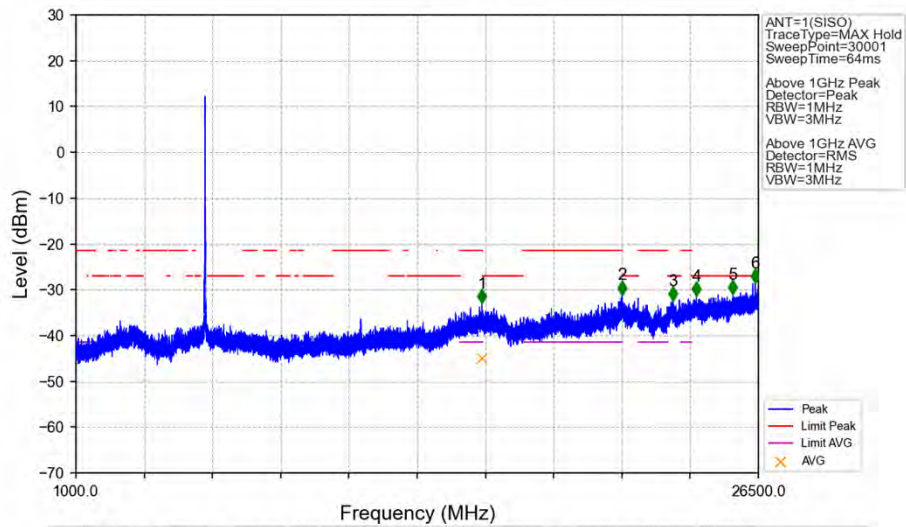


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11574.85	-37.94	-21.20	16.51	Pass	Peak	7	11574.85	-46.51	-41.20	5.08	Pass	AVG
2	22046.85	-38.58	-21.20	17.15	Pass	Peak	8	22046.85	-49.92	-41.20	8.49	Pass	AVG
3	23842.9	-37.76	-21.20	16.33	Pass	Peak	9	23842.9	-48.59	-41.20	7.16	Pass	AVG
4	24773.65	-37.96	-27.00	10.73	Pass	Peak	10	24773.65	/	-27.00	/	/	AVG
5	25629.6	-35.98	-27.00	8.75	Pass	Peak	11	25629.6	/	-27.00	/	/	AVG
6	26449	-36.06	-27.00	8.83	Pass	Peak	12	26449	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

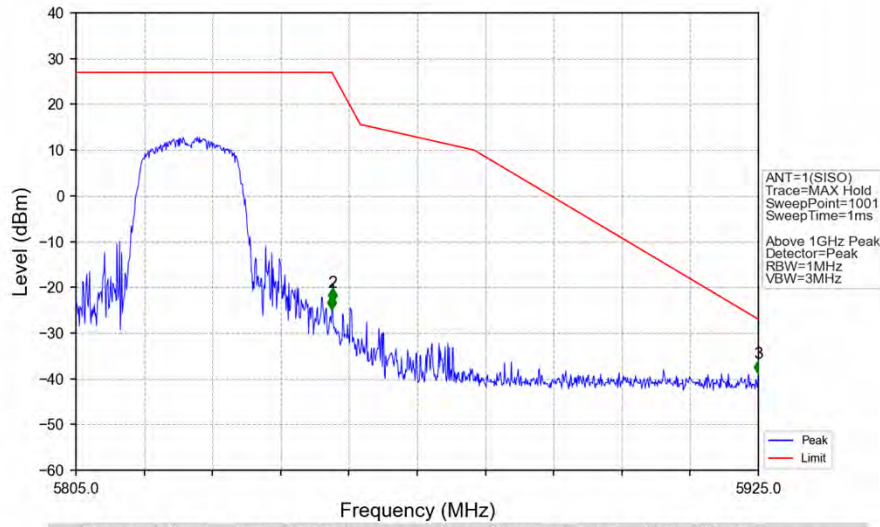


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

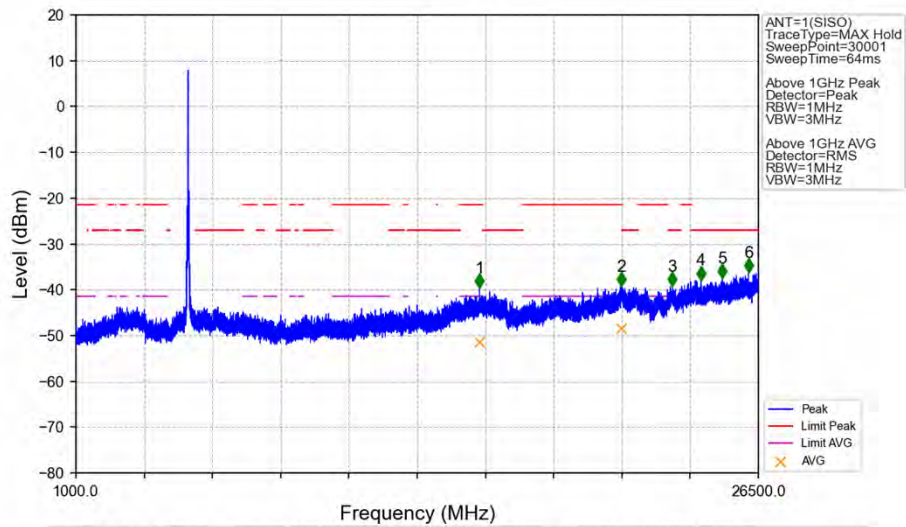


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	16168.25	-33.03	-21.20	11.61	Pass	Peak	7	16168.25	-44.98	-41.20	3.54	Pass	AVG
2	21409.35	-31.14	-27.00	3.90	Pass	Peak	8	21409.35	/	-27.00	/	/	AVG
3	23306.55	-32.50	-27.00	5.27	Pass	Peak	9	23306.55	/	-27.00	/	/	AVG
4	24187.15	-31.43	-27.00	4.20	Pass	Peak	10	24187.15	/	-27.00	/	/	AVG
5	25547.15	-31.02	-27.00	3.79	Pass	Peak	11	25547.15	/	-27.00	/	/	AVG
6	26382.7	-28.62	-27.00	1.39	Pass	Peak	12	26382.7	/	-27.00	/	/	AVG

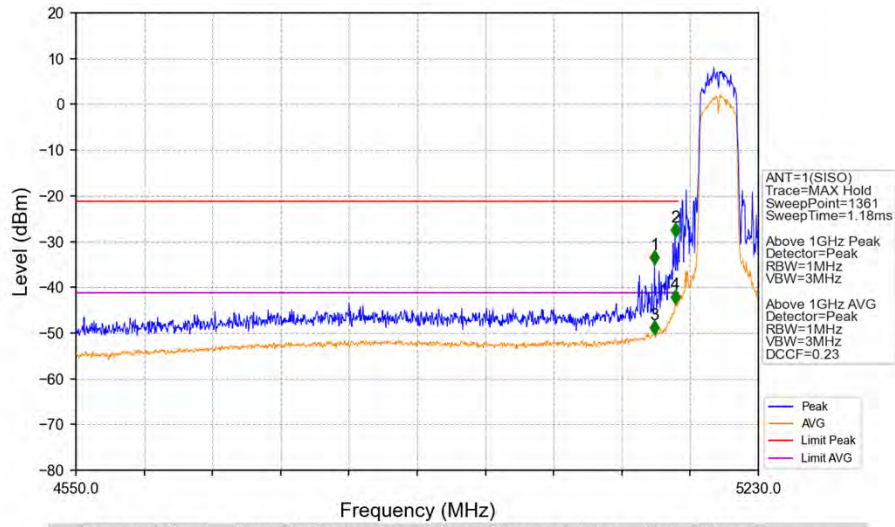
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



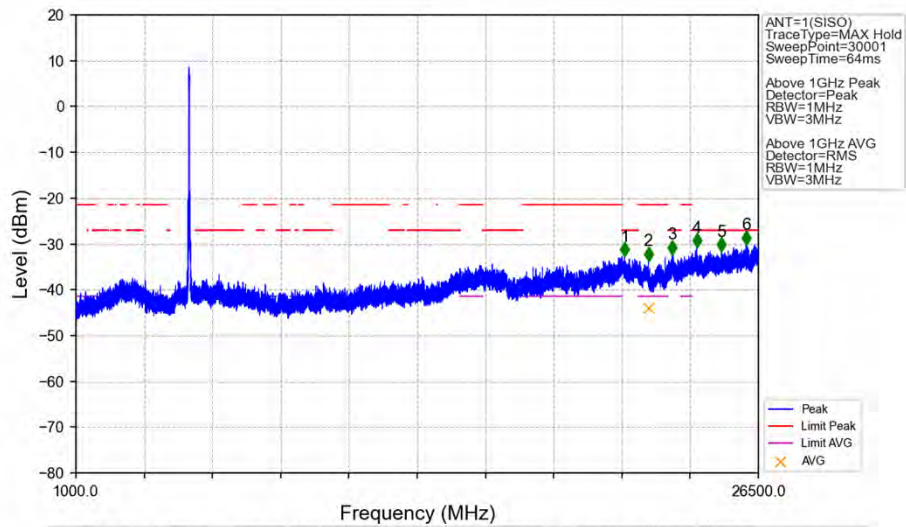
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



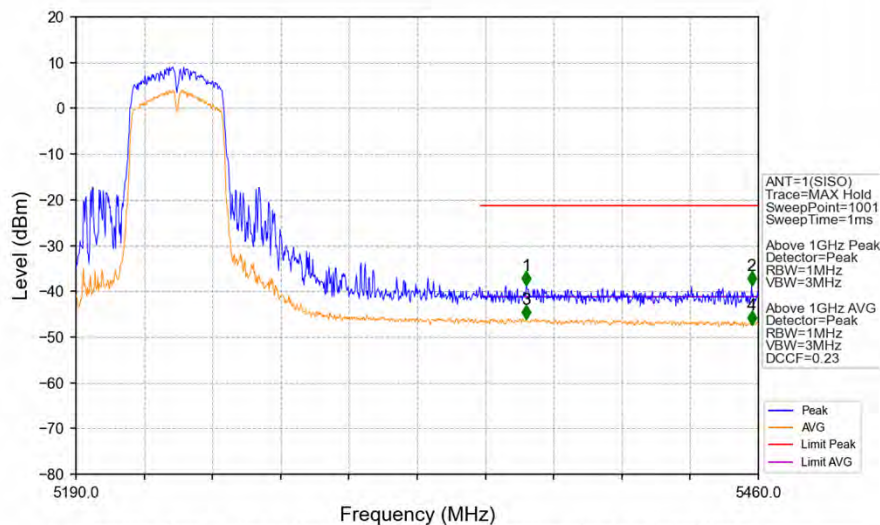
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



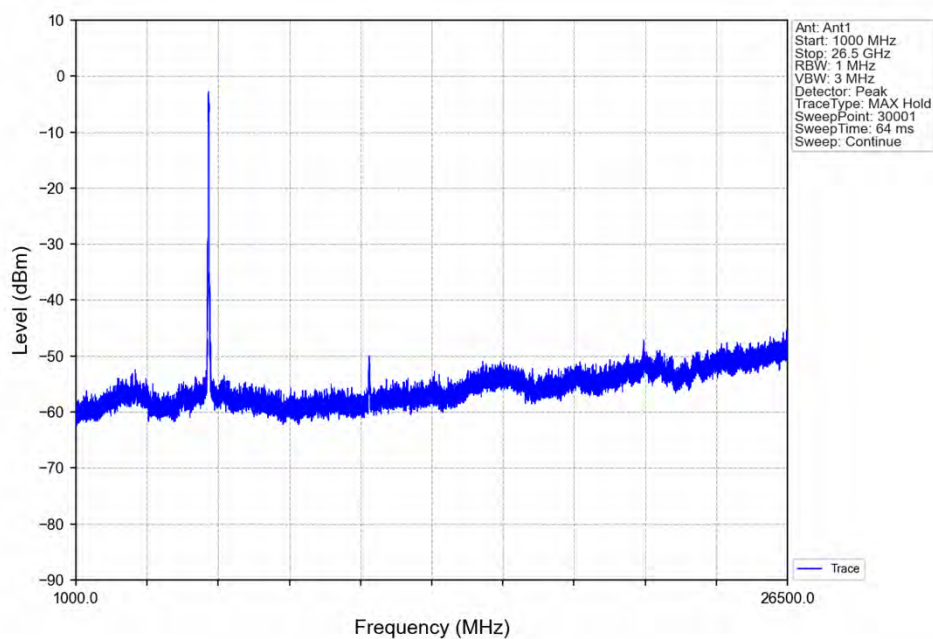
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



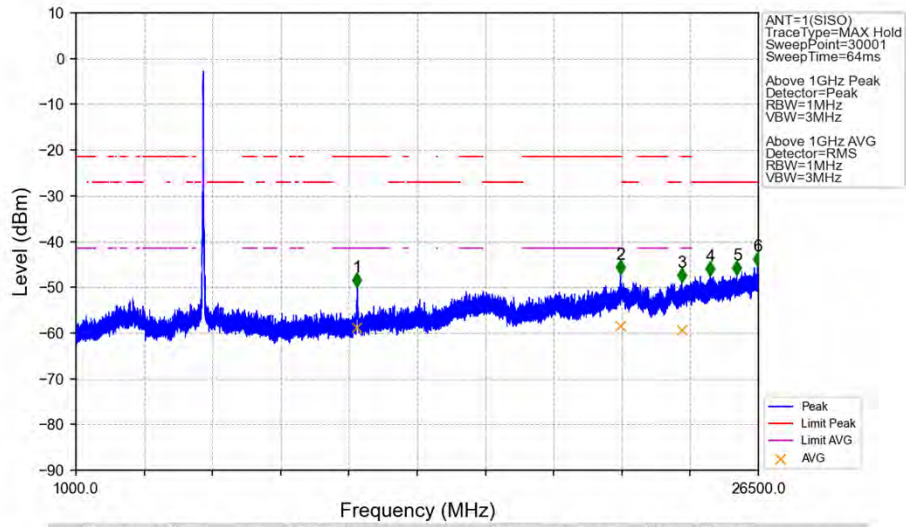
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

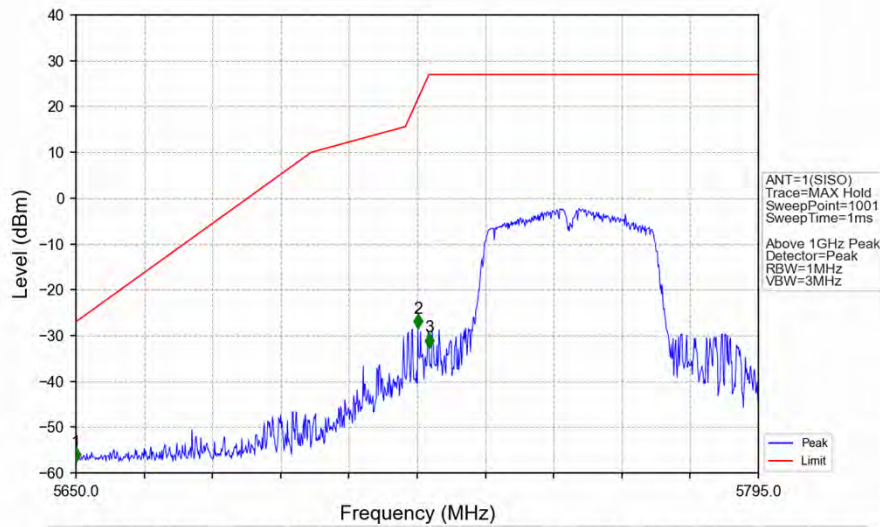


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



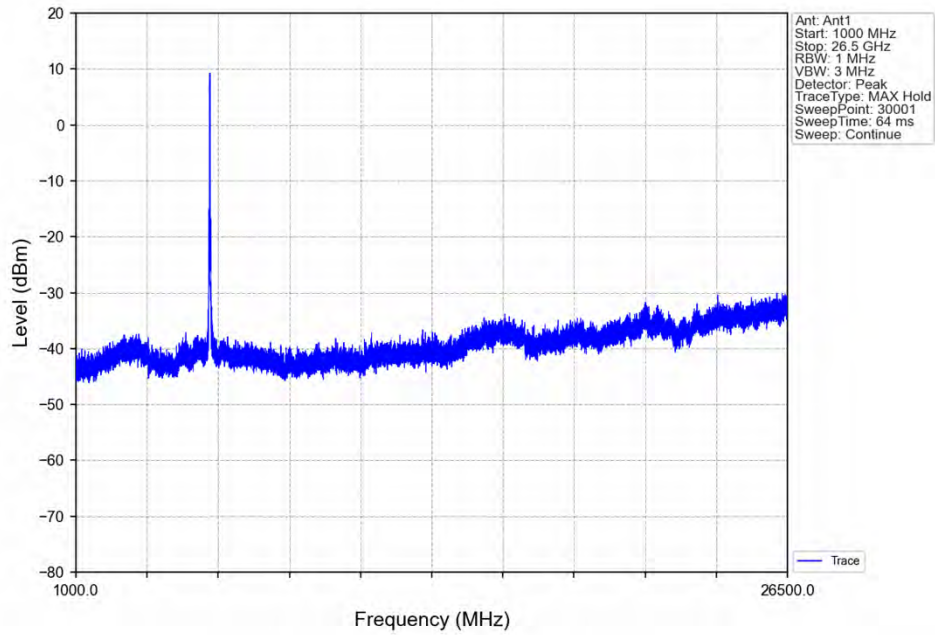
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	11503.45	-49.95	-21.20	28.52	Pass	Peak	7	11503.45	-58.74	-41.20	17.31	Pass	AVG
2	21351.55	-47.22	-21.20	25.79	Pass	Peak	8	21351.55	-58.40	-41.20	16.97	Pass	AVG
3	23640.6	-48.98	-21.20	27.55	Pass	Peak	9	23640.6	-59.24	-41.20	17.81	Pass	AVG
4	24698.85	-47.54	-27.00	20.31	Pass	Peak	10	24698.85	/	-27.00	/	/	AVG
5	25699.3	-47.32	-27.00	20.09	Pass	Peak	11	25699.3	/	-27.00	/	/	AVG
6	26466	-45.40	-27.00	18.17	Pass	Peak	12	26466	/	-27.00	/	/	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

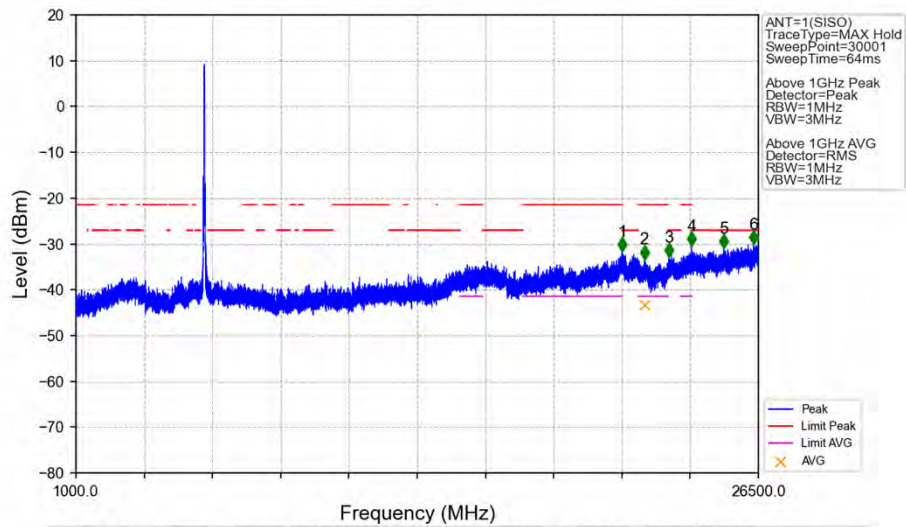


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-57.53	-21.20	36.10	Pass	Peak	3	5725.000	-32.60	-21.20	11.17	Pass	Peak
2	5722.645	-28.48	-21.20	7.05	Pass	Peak							

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

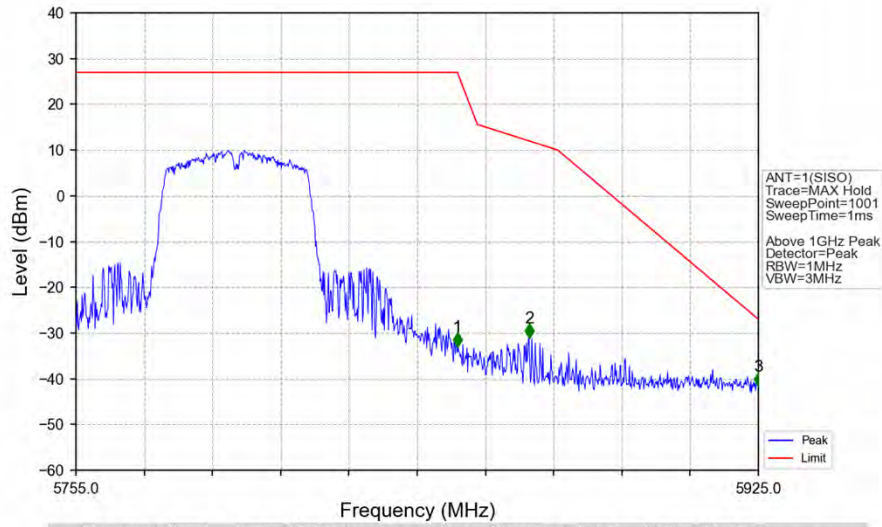


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



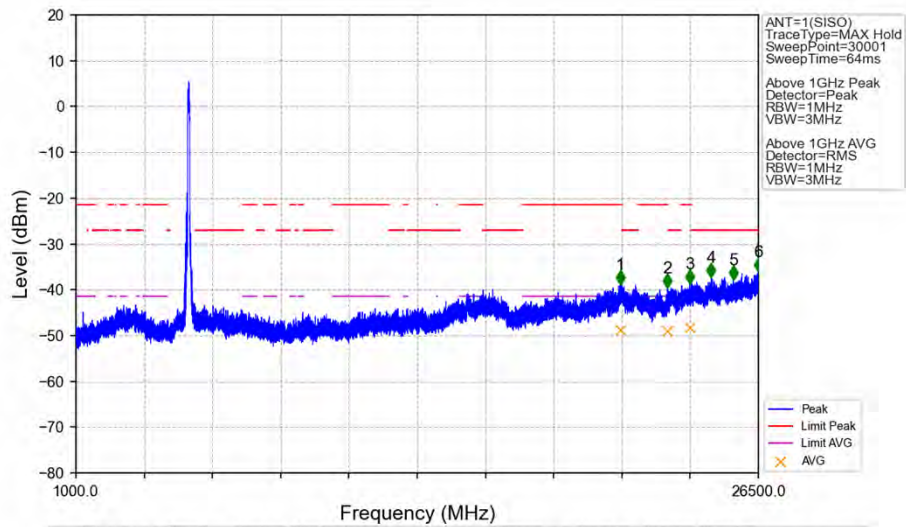
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21413.6	-31.68	-27.00	4.45	Pass	Peak	7	21413.6	/	-27.00	/	/	AVG
2	22238.95	-33.37	-21.20	11.94	Pass	Peak	8	22238.95	-43.30	-41.20	1.87	Pass	AVG
3	23162.05	-32.90	-27.00	5.67	Pass	Peak	9	23162.05	/	-27.00	/	/	AVG
4	24004.4	-30.45	-27.00	3.22	Pass	Peak	10	24004.4	/	-27.00	/	/	AVG
5	25208.85	-30.92	-27.00	3.69	Pass	Peak	11	25208.85	/	-27.00	/	/	AVG
6	26311.3	-30.10	-27.00	2.87	Pass	Peak	12	26311.3	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



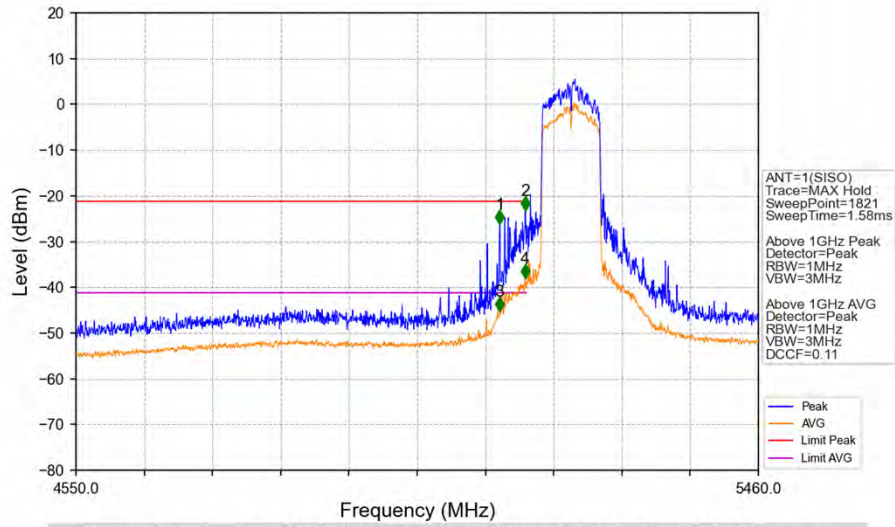
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-33.08	-21.20	11.65	Pass	Peak	3	5925.000	-41.60	-21.20	20.17	Pass	Peak
2	5867.880	-31.06	-21.20	9.63	Pass	Peak							

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

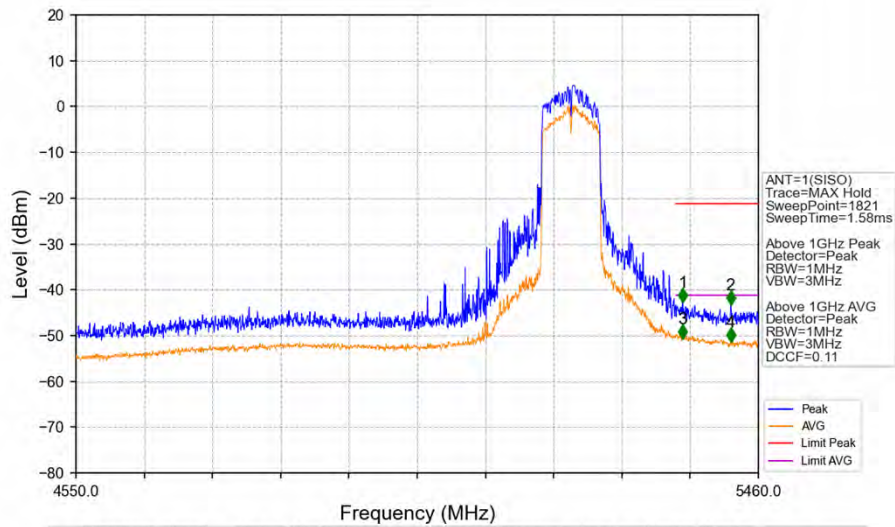


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	21342.2	-38.94	-21.20	17.51	Pass	Peak	7	21342.2	-48.73	-41.20	7.30	Pass	AVG
2	23103.4	-39.66	-21.20	18.23	Pass	Peak	8	23103.4	-49.01	-41.20	7.58	Pass	AVG
3	23923.65	-38.80	-21.20	17.37	Pass	Peak	9	23923.65	-48.29	-41.20	6.86	Pass	AVG
4	24735.4	-37.33	-27.00	10.10	Pass	Peak	10	24735.4	/	-27.00	/	/	AVG
5	25562.45	-37.90	-27.00	10.66	Pass	Peak	11	25562.45	/	-27.00	/	/	AVG
6	26488.1	-36.08	-27.00	8.85	Pass	Peak	12	26488.1	/	-27.00	/	/	AVG

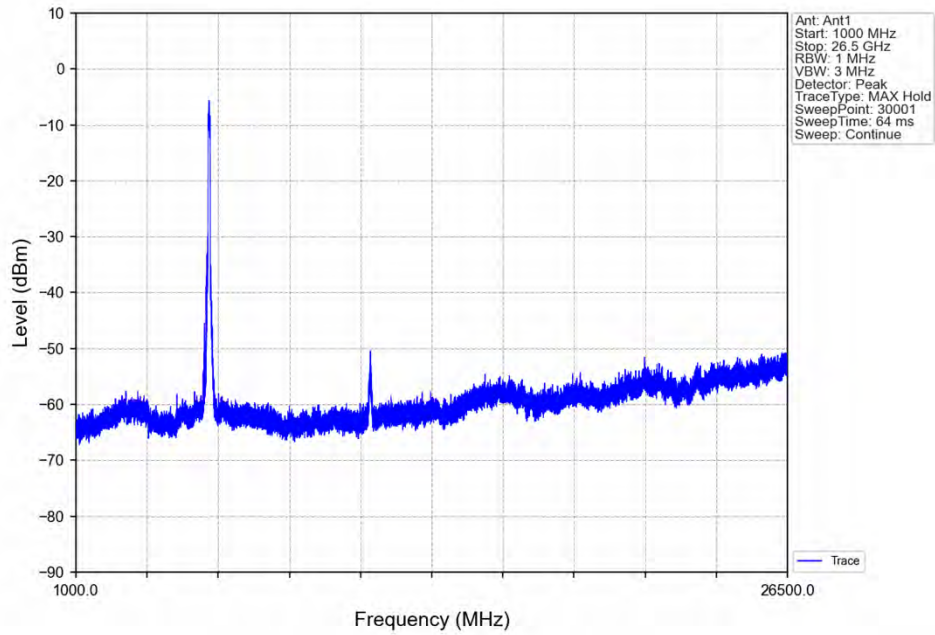
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



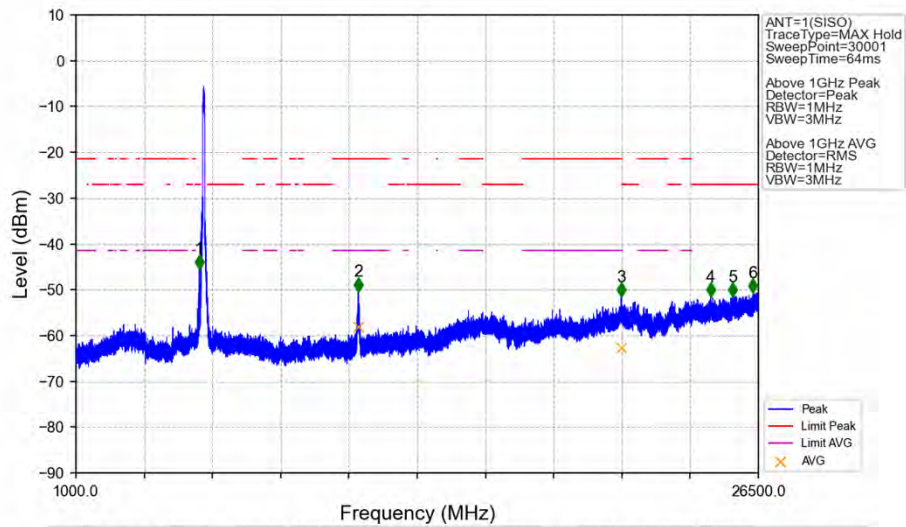
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

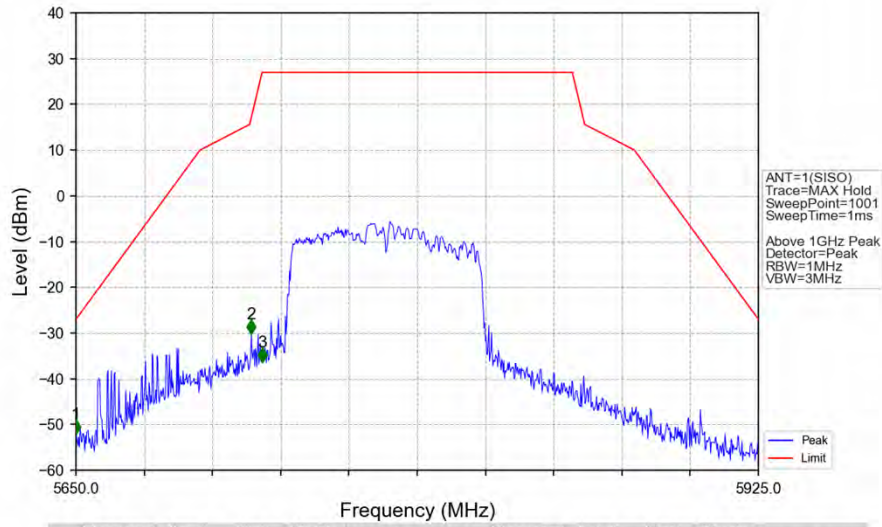


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

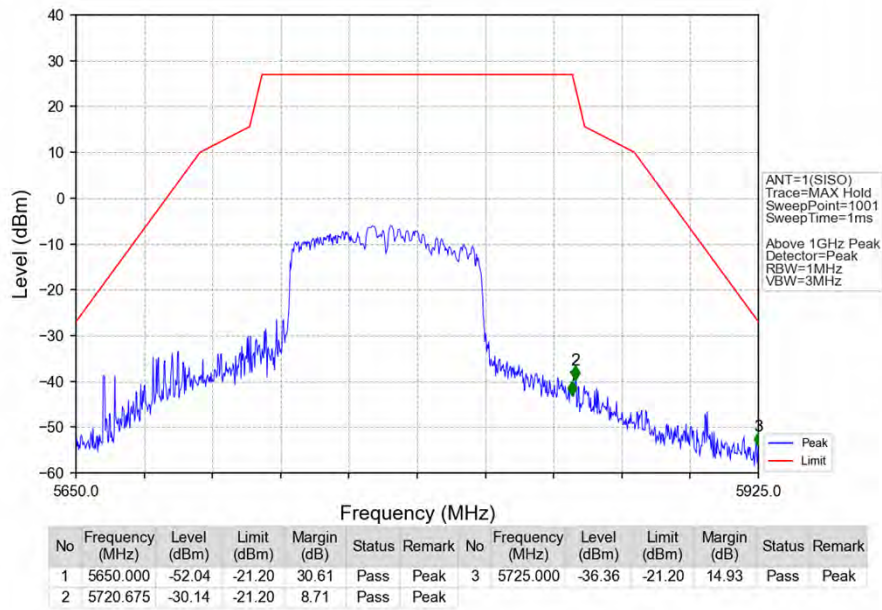


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5607	-45.48	-27.00	18.25	Pass	Peak	7	5607	-58.14	-27.00	16.71	Pass	AVG
2	11557.85	-50.40	-21.20	28.97	Pass	Peak	8	11557.85	-58.14	-41.20	16.71	Pass	AVG
3	21375.35	-51.58	-21.20	30.15	Pass	Peak	9	21375.35	-62.71	-41.20	21.28	Pass	AVG
4	24713.3	-51.58	-27.00	24.35	Pass	Peak	10	24713.3	-	-27.00	-	-	AVG
5	25526.75	-51.58	-27.00	24.35	Pass	Peak	11	25526.75	-	-27.00	-	-	AVG
6	26303.65	-50.73	-27.00	23.50	Pass	Peak	12	26303.65	-	-27.00	-	-	AVG

802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



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	4.25	5179.976	5150 to 5250	Pass
				5	5179.976	5150 to 5250	Pass
				5.75	5179.976	5150 to 5250	Pass
			-30	5	5179.975	5150 to 5250	Pass
			-20	5	5179.975	5150 to 5250	Pass
			-10	5	5179.975	5150 to 5250	Pass
			0	5	5179.975	5150 to 5250	Pass
			10	5	5179.975	5150 to 5250	Pass
			30	5	5179.975	5150 to 5250	Pass
			40	5	5179.975	5150 to 5250	Pass
			50	5	5179.975	5150 to 5250	Pass
		5200	20	4.25	5199.975	5150 to 5250	Pass
				5	5199.975	5150 to 5250	Pass
				5.75	5199.975	5150 to 5250	Pass
			-30	5	5199.975	5150 to 5250	Pass
			-20	5	5199.974	5150 to 5250	Pass
			-10	5	5199.974	5150 to 5250	Pass
			0	5	5199.974	5150 to 5250	Pass
			10	5	5199.974	5150 to 5250	Pass
			30	5	5199.974	5150 to 5250	Pass
			40	5	5199.974	5150 to 5250	Pass
			50	5	5199.974	5150 to 5250	Pass
		5240	20	4.25	5239.974	5150 to 5250	Pass
				5	5239.974	5150 to 5250	Pass
				5.75	5239.974	5150 to 5250	Pass
			-30	5	5239.974	5150 to 5250	Pass
			-20	5	5239.974	5150 to 5250	Pass
			-10	5	5239.974	5150 to 5250	Pass
			0	5	5239.974	5150 to 5250	Pass
			10	5	5239.973	5150 to 5250	Pass
			30	5	5239.974	5150 to 5250	Pass
			40	5	5239.974	5150 to 5250	Pass

			50	5	5239.973	5150 to 5250	Pass
		5745	20	4.25	5744.972	5725 to 5850	Pass
				5	5744.971	5725 to 5850	Pass
				5.75	5744.971	5725 to 5850	Pass
			-30	5	5744.971	5725 to 5850	Pass
			-20	5	5744.971	5725 to 5850	Pass
			-10	5	5744.971	5725 to 5850	Pass
			0	5	5744.971	5725 to 5850	Pass
			10	5	5744.971	5725 to 5850	Pass
			30	5	5744.971	5725 to 5850	Pass
			40	5	5744.971	5725 to 5850	Pass
			50	5	5744.971	5725 to 5850	Pass
		5785	20	4.25	5784.971	5725 to 5850	Pass
				5	5784.971	5725 to 5850	Pass
				5.75	5784.971	5725 to 5850	Pass
			-30	5	5784.971	5725 to 5850	Pass
			-20	5	5784.971	5725 to 5850	Pass
			-10	5	5784.971	5725 to 5850	Pass
			0	5	5784.971	5725 to 5850	Pass
			10	5	5784.971	5725 to 5850	Pass
			30	5	5784.971	5725 to 5850	Pass
			40	5	5784.971	5725 to 5850	Pass
			50	5	5784.971	5725 to 5850	Pass
		5825	20	4.25	5824.971	5725 to 5850	Pass
				5	5824.970	5725 to 5850	Pass
				5.75	5824.971	5725 to 5850	Pass
			-30	5	5824.970	5725 to 5850	Pass
			-20	5	5824.970	5725 to 5850	Pass
			-10	5	5824.970	5725 to 5850	Pass
			0	5	5824.970	5725 to 5850	Pass
			10	5	5824.970	5725 to 5850	Pass
			30	5	5824.970	5725 to 5850	Pass
			40	5	5824.971	5725 to 5850	Pass
			50	5	5824.970	5725 to 5850	Pass
		5190	20	4.25	5189.974	5150 to 5250	Pass
				5	5189.974	5150 to 5250	Pass
				5.75	5189.974	5150 to 5250	Pass
			-30	5	5189.974	5150 to 5250	Pass
			-20	5	5189.974	5150 to 5250	Pass
			-10	5	5189.974	5150 to 5250	Pass
			0	5	5189.974	5150 to 5250	Pass
			10	5	5189.974	5150 to 5250	Pass

			30	5	5189.974	5150 to 5250	Pass
			40	5	5189.974	5150 to 5250	Pass
			50	5	5189.974	5150 to 5250	Pass
		5230	20	4.25	5229.974	5150 to 5250	Pass
				5	5229.974	5150 to 5250	Pass
				5.75	5229.974	5150 to 5250	Pass
			-30	5	5229.974	5150 to 5250	Pass
			-20	5	5229.974	5150 to 5250	Pass
			-10	5	5229.973	5150 to 5250	Pass
			0	5	5229.973	5150 to 5250	Pass
			10	5	5229.973	5150 to 5250	Pass
			30	5	5229.973	5150 to 5250	Pass
			40	5	5229.973	5150 to 5250	Pass
			50	5	5229.973	5150 to 5250	Pass
		5755	20	4.25	5754.971	5725 to 5850	Pass
				5	5754.971	5725 to 5850	Pass
				5.75	5754.971	5725 to 5850	Pass
			-30	5	5754.971	5725 to 5850	Pass
			-20	5	5754.971	5725 to 5850	Pass
			-10	5	5754.971	5725 to 5850	Pass
			0	5	5754.971	5725 to 5850	Pass
			10	5	5754.971	5725 to 5850	Pass
			30	5	5754.971	5725 to 5850	Pass
			40	5	5754.971	5725 to 5850	Pass
			50	5	5754.971	5725 to 5850	Pass
		5795	20	4.25	5794.971	5725 to 5850	Pass
				5	5794.971	5725 to 5850	Pass
				5.75	5794.971	5725 to 5850	Pass
			-30	5	5794.970	5725 to 5850	Pass
			-20	5	5794.970	5725 to 5850	Pass
			-10	5	5794.970	5725 to 5850	Pass
			0	5	5794.970	5725 to 5850	Pass
			10	5	5794.970	5725 to 5850	Pass
			30	5	5794.970	5725 to 5850	Pass
			40	5	5794.970	5725 to 5850	Pass
			50	5	5794.970	5725 to 5850	Pass
		5210	20	4.25	5209.974	5150 to 5250	Pass
				5	5209.974	5150 to 5250	Pass
				5.75	5209.974	5150 to 5250	Pass
			-30	5	5209.974	5150 to 5250	Pass
			-20	5	5209.974	5150 to 5250	Pass
			-10	5	5209.974	5150 to 5250	Pass

			0	5	5209.974	5150 to 5250	Pass
			10	5	5209.973	5150 to 5250	Pass
			30	5	5209.973	5150 to 5250	Pass
			40	5	5209.973	5150 to 5250	Pass
			50	5	5209.973	5150 to 5250	Pass
		5775	20	4.25	5774.971	5725 to 5850	Pass
				5	5774.971	5725 to 5850	Pass
				5.75	5774.970	5725 to 5850	Pass
			-30	5	5774.971	5725 to 5850	Pass
			-20	5	5774.970	5725 to 5850	Pass
			-10	5	5774.970	5725 to 5850	Pass
			0	5	5774.971	5725 to 5850	Pass
			10	5	5774.970	5725 to 5850	Pass
			30	5	5774.970	5725 to 5850	Pass
			40	5	5774.970	5725 to 5850	Pass
			50	5	5774.970	5725 to 5850	Pass

7. Form731

7.1 Form731

7.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0455	16.58
5745	5825	0.0342	15.34
5190	5230	0.0274	14.38
5755	5795	0.0352	15.46
5210	5210	0.0300	14.77

(END OF REPORT)