

4. Maximum Power Spectral Density

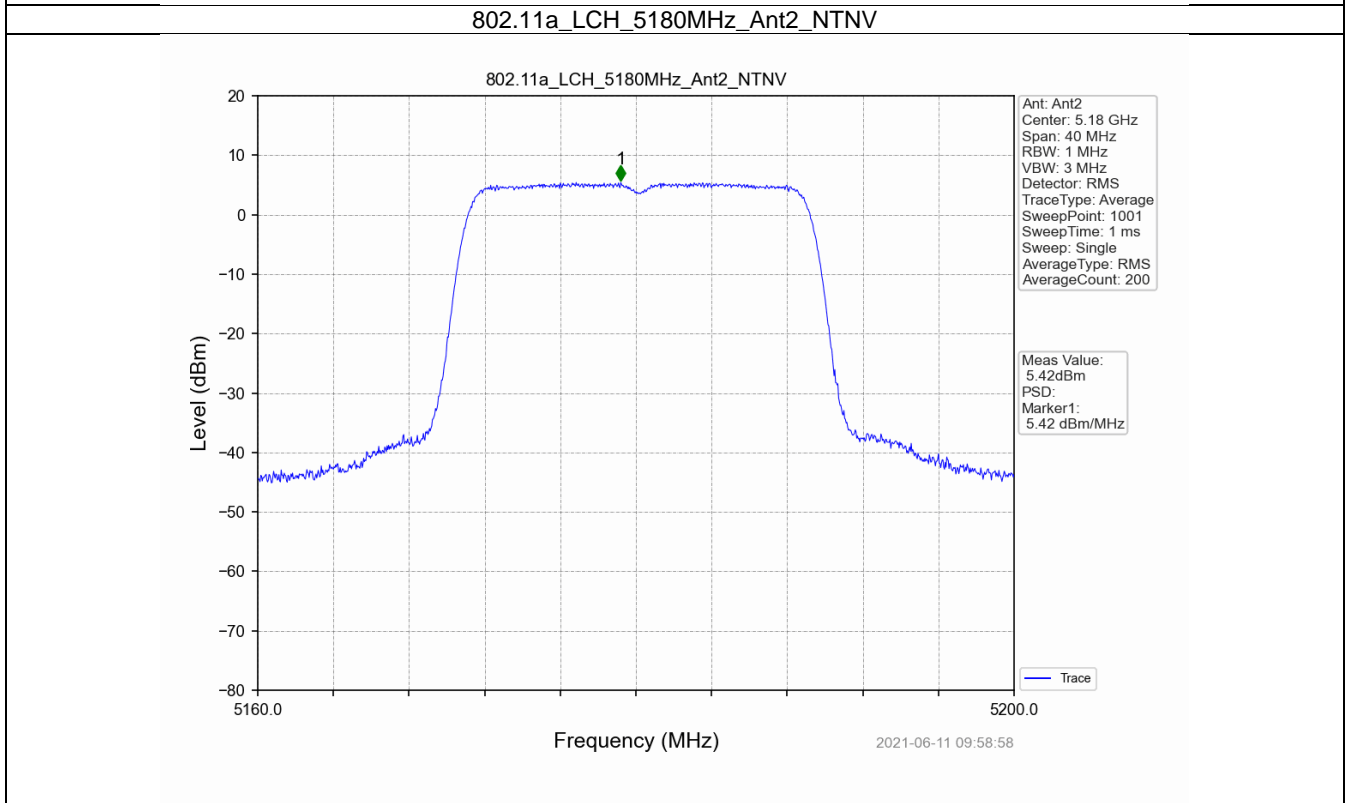
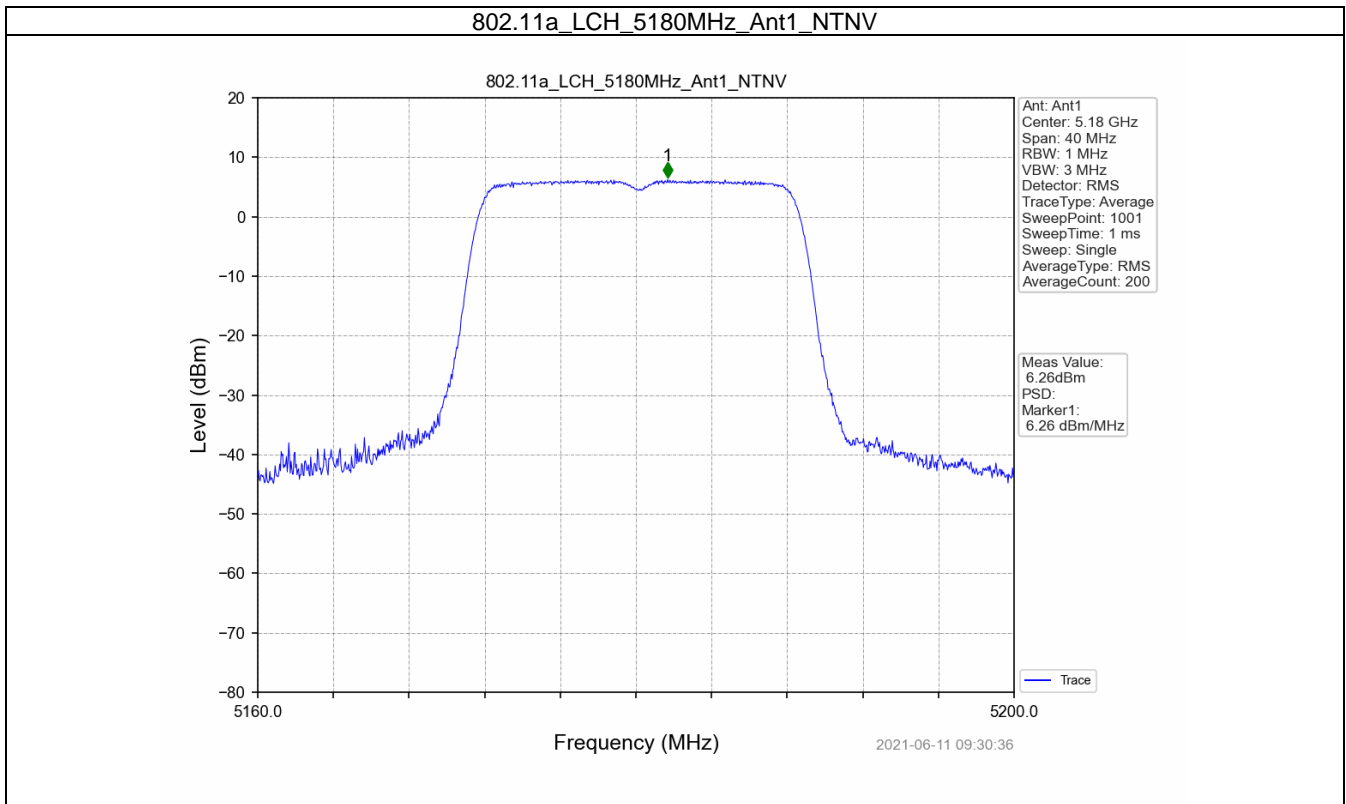
4.1 PSD

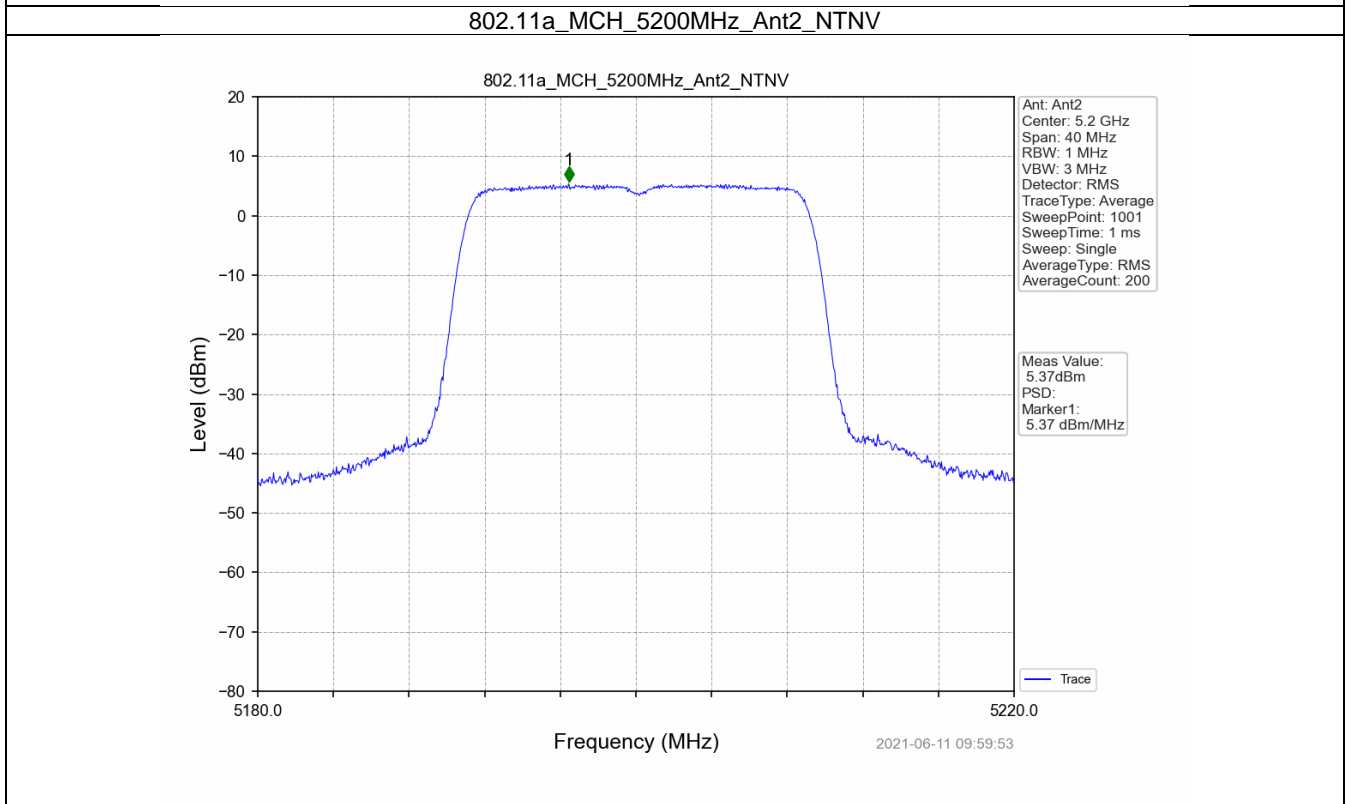
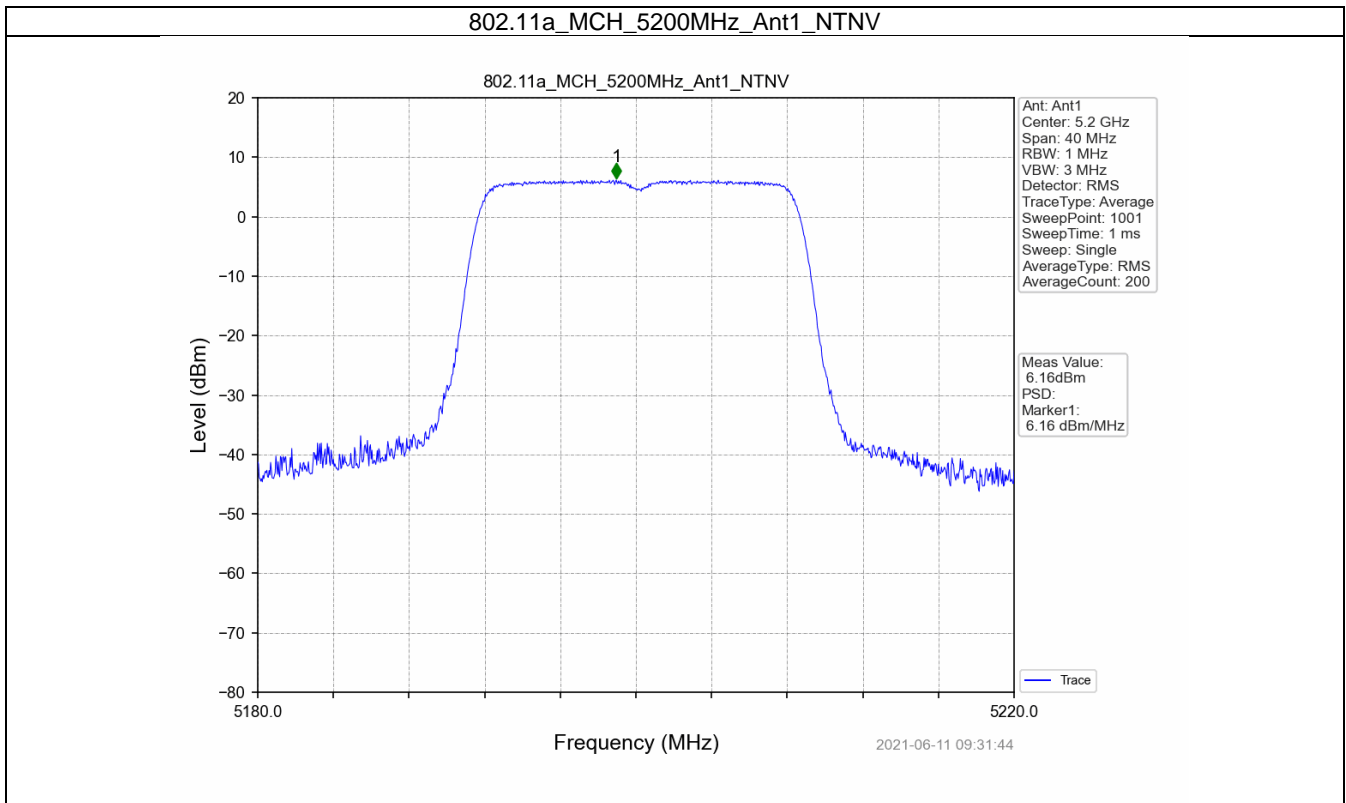
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
					Ant1	Ant2	Sum		
802.11a	SISO	5180	/	/	6.26	5.42	/	<=17	Pass
		5200	/	/	6.16	5.37	/	<=17	Pass
		5240	/	/	6.47	6.58	/	<=17	Pass
802.11n (HT20)	MIMO	5180	/	/	3.99	3.82	6.82	<=14.99	Pass
		5200	/	/	3.94	4.02	6.86	<=14.99	Pass
		5240	/	/	4.19	4.16	7.04	<=14.99	Pass
802.11n (HT40)	MIMO	5190	/	/	1.12	1.09	3.98	<=14.99	Pass
		5230	/	/	1.50	1.41	4.38	<=14.99	Pass
802.11ac (VHT20)	MIMO	5180	/	/	3.92	4.13	6.93	<=14.99	Pass
		5200	/	/	3.83	3.90	6.85	<=14.99	Pass
		5240	/	/	4.12	4.40	7.14	<=14.99	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1.13	1.19	4.00	<=14.99	Pass
		5230	/	/	1.42	1.45	4.30	<=14.99	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-1.76	-1.15	1.51	<=14.99	Pass

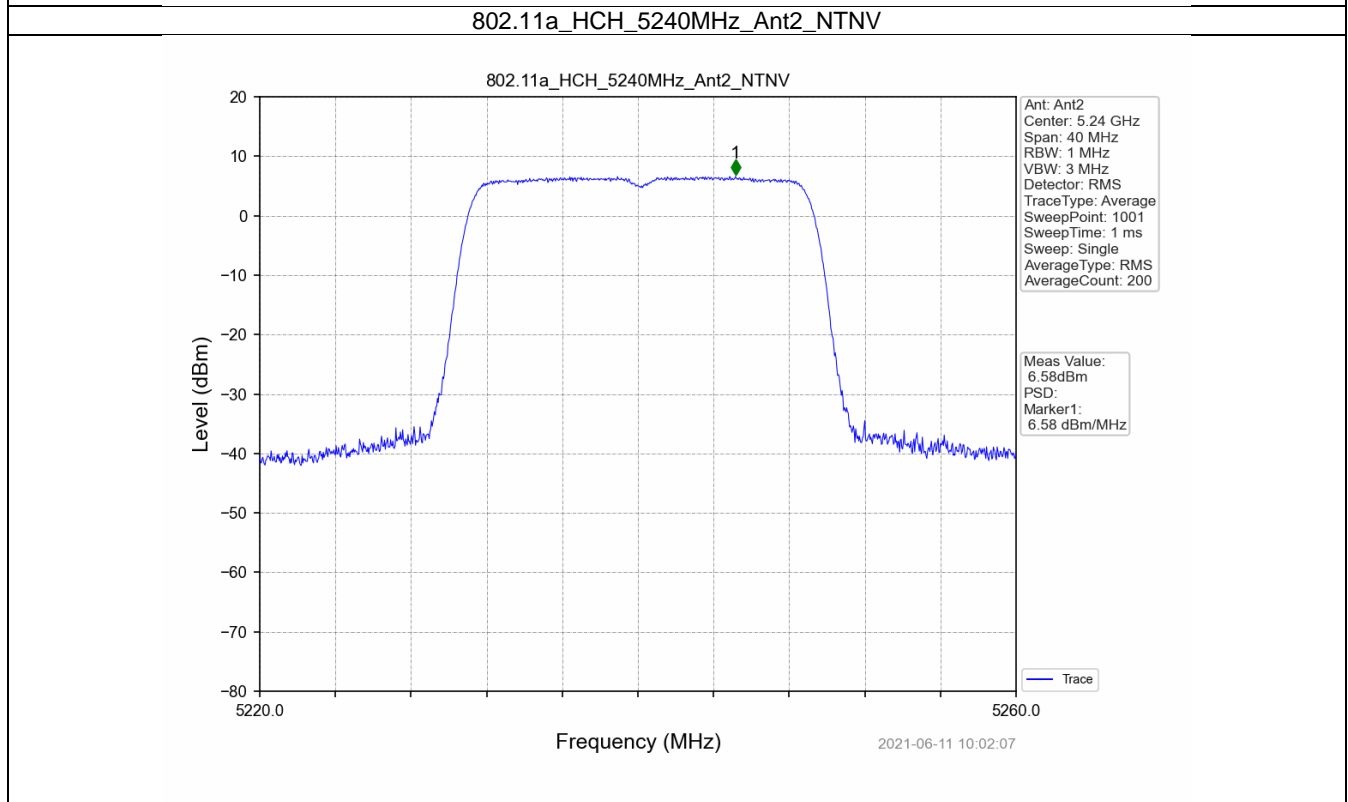
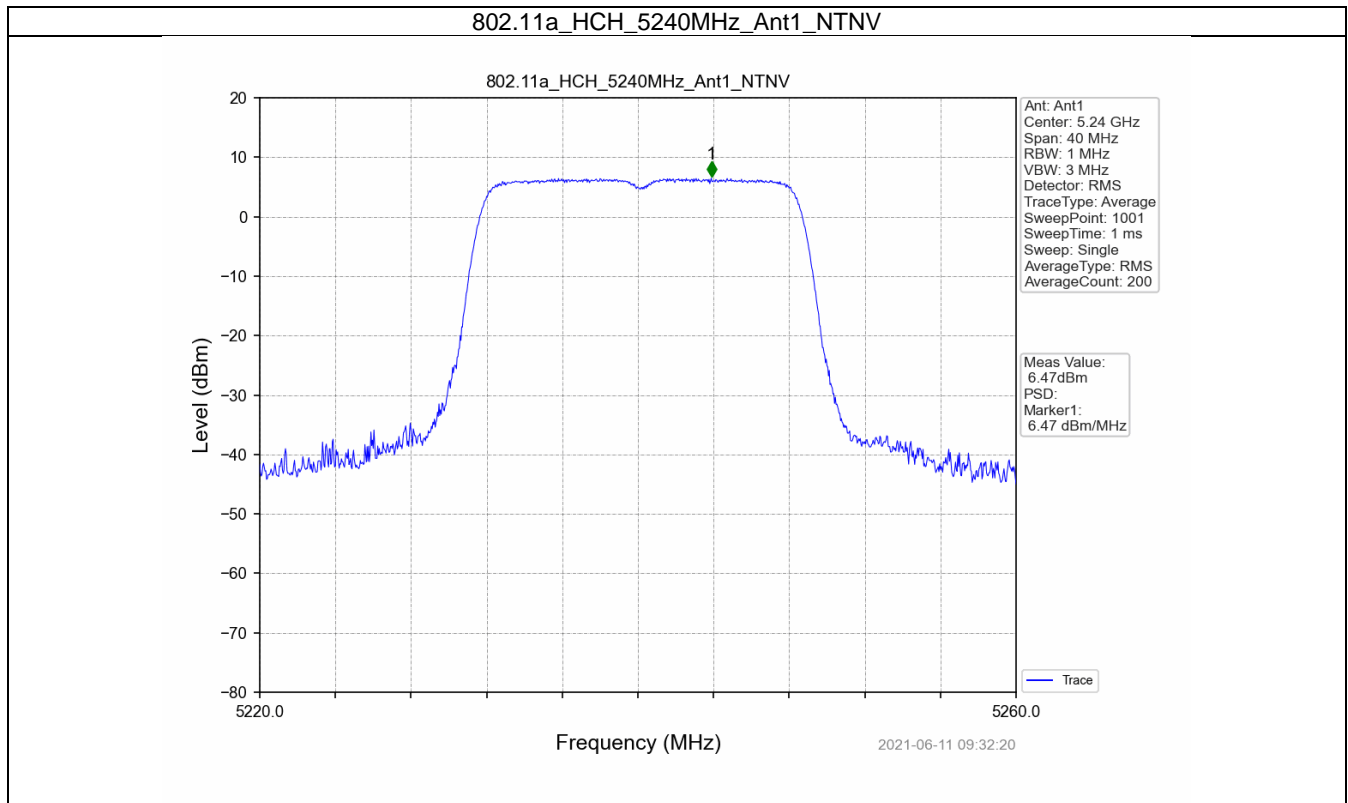
Note1: Antenna Gain: 1: 5.00dBi; 2: 5.00dBi;

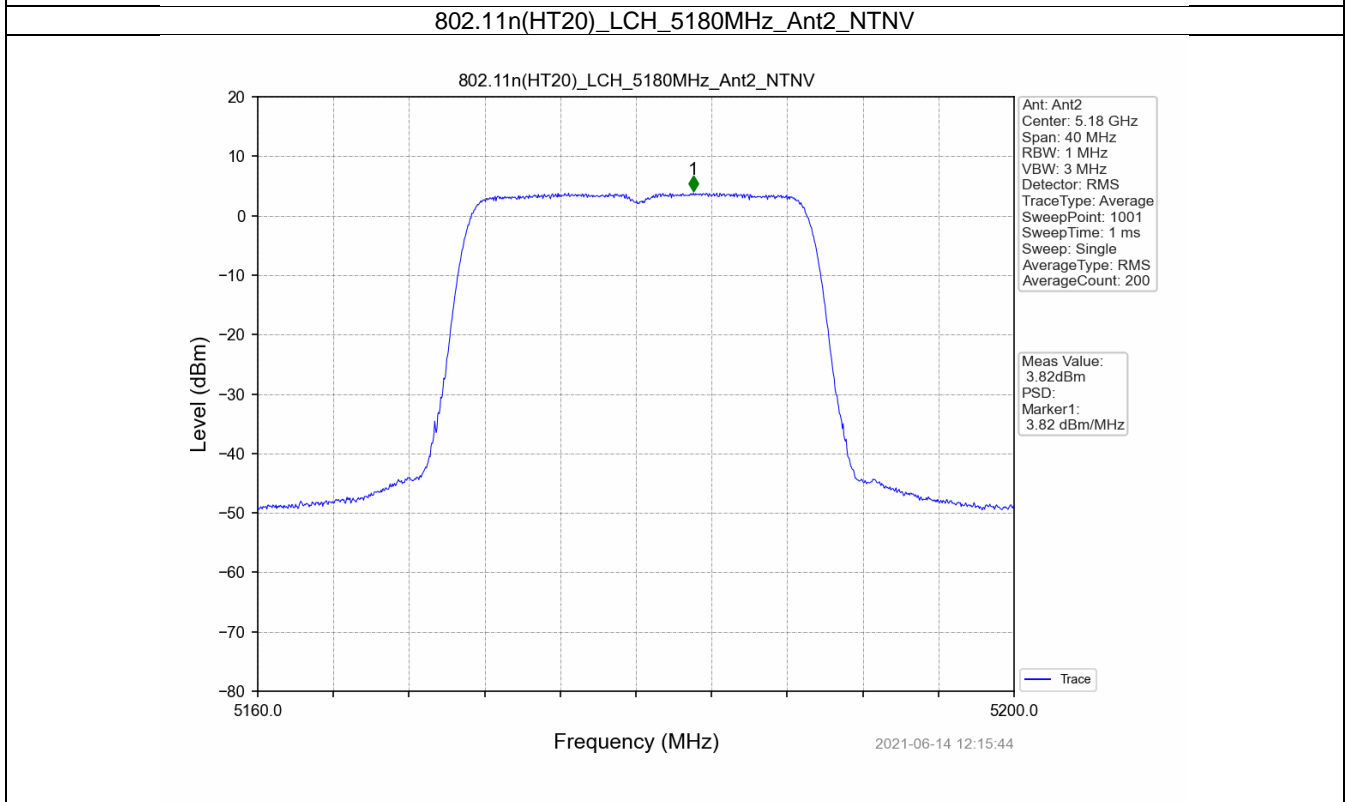
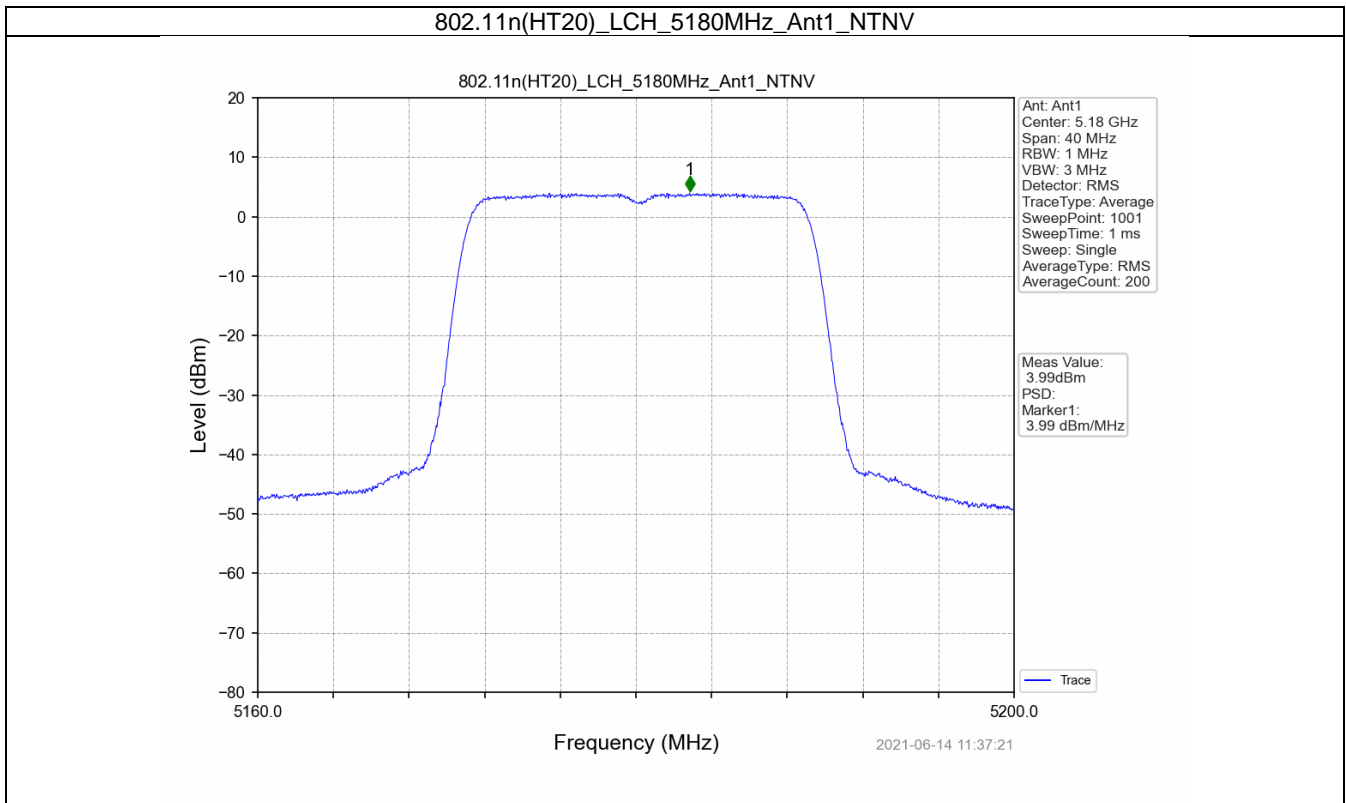
4.1.2 Test Graph

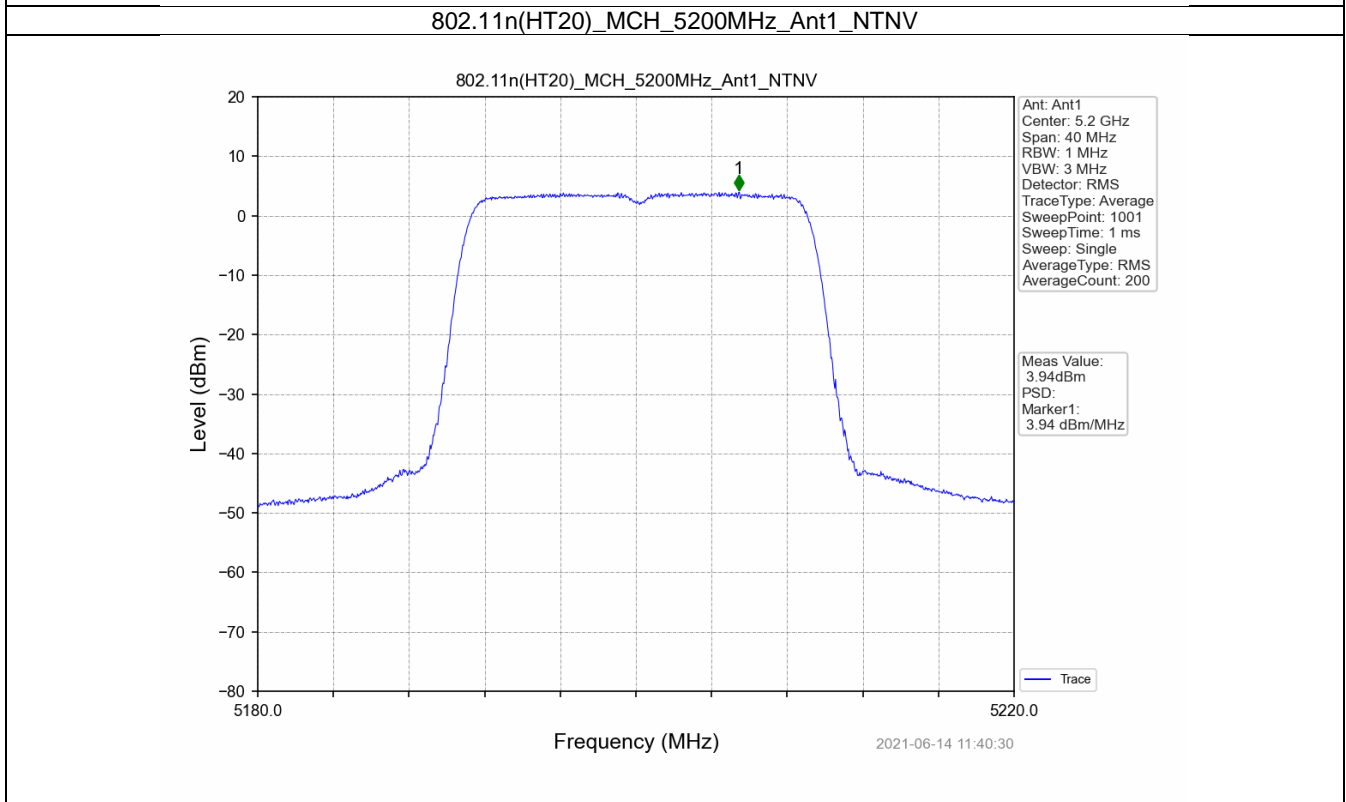
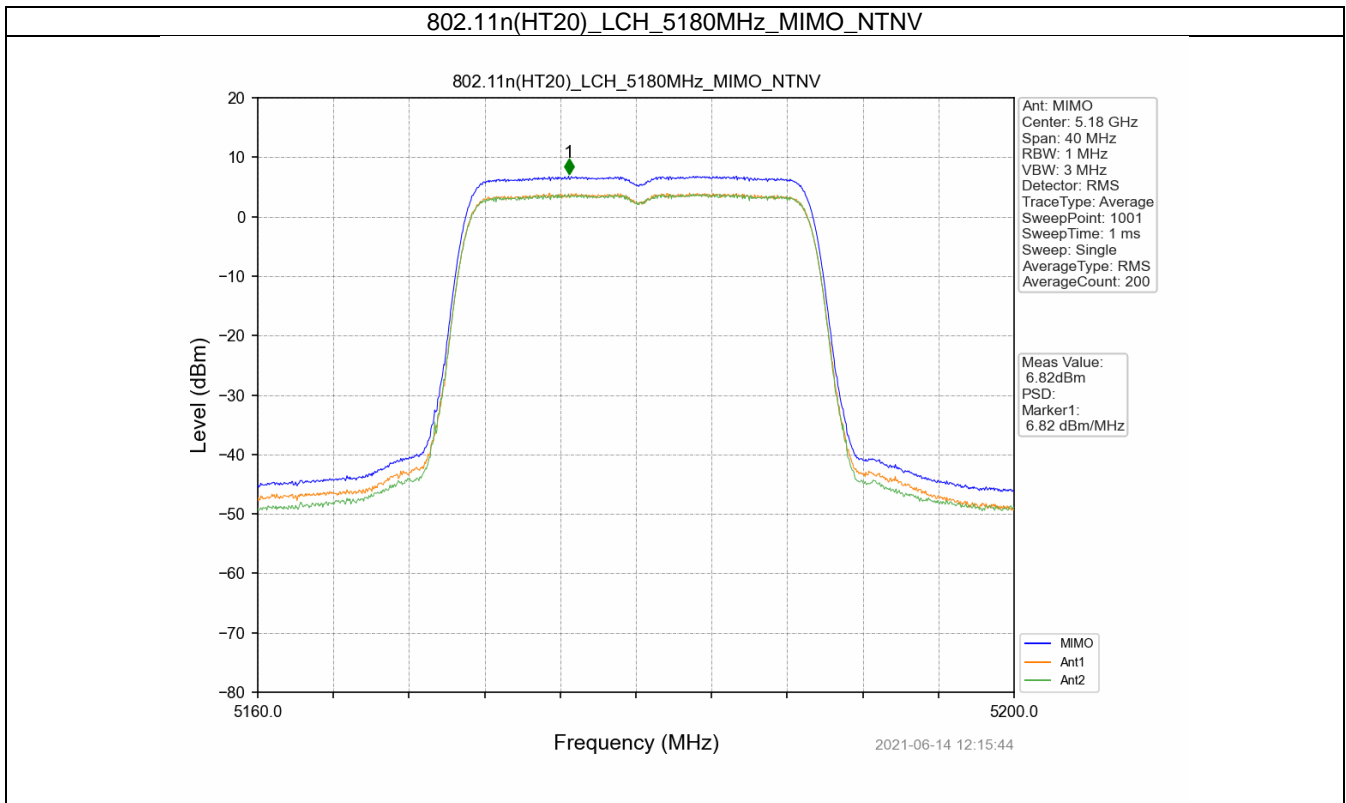


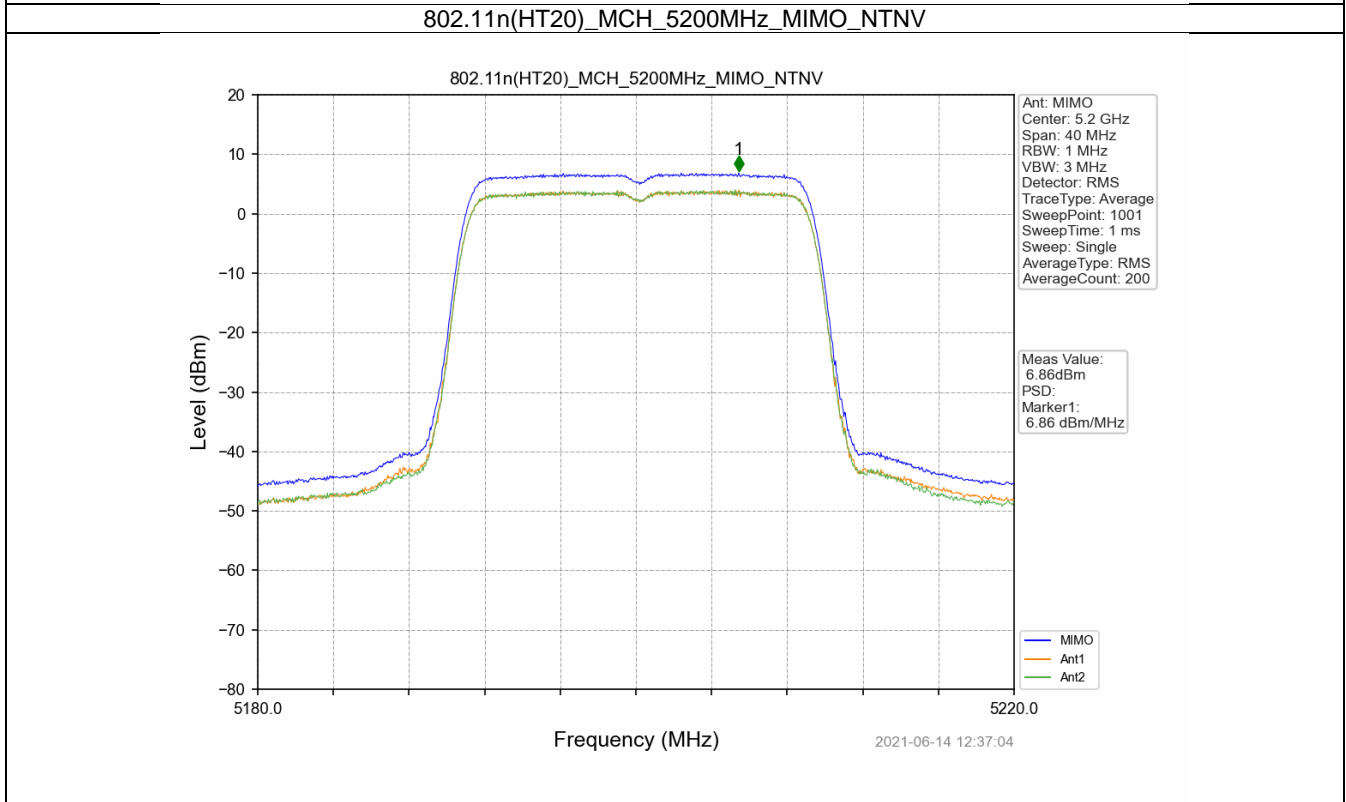
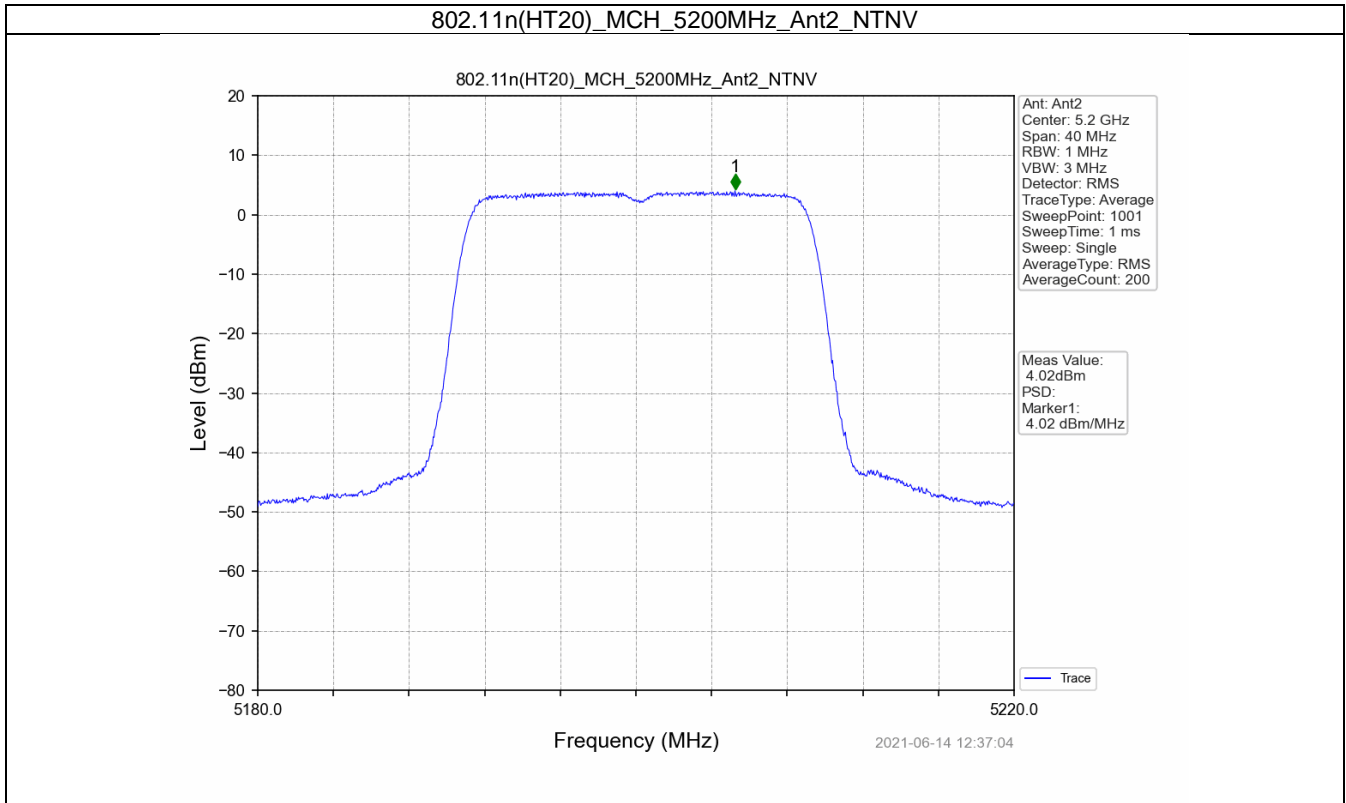


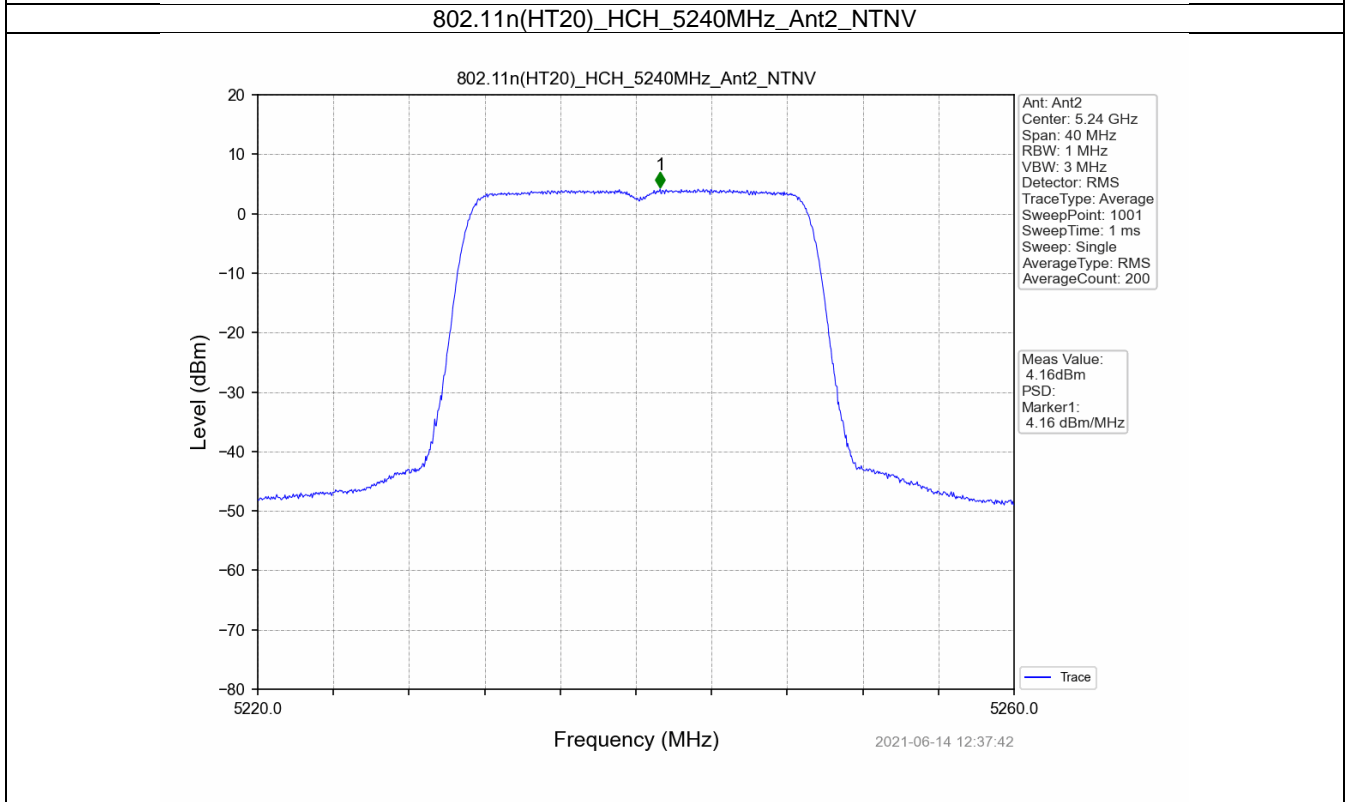
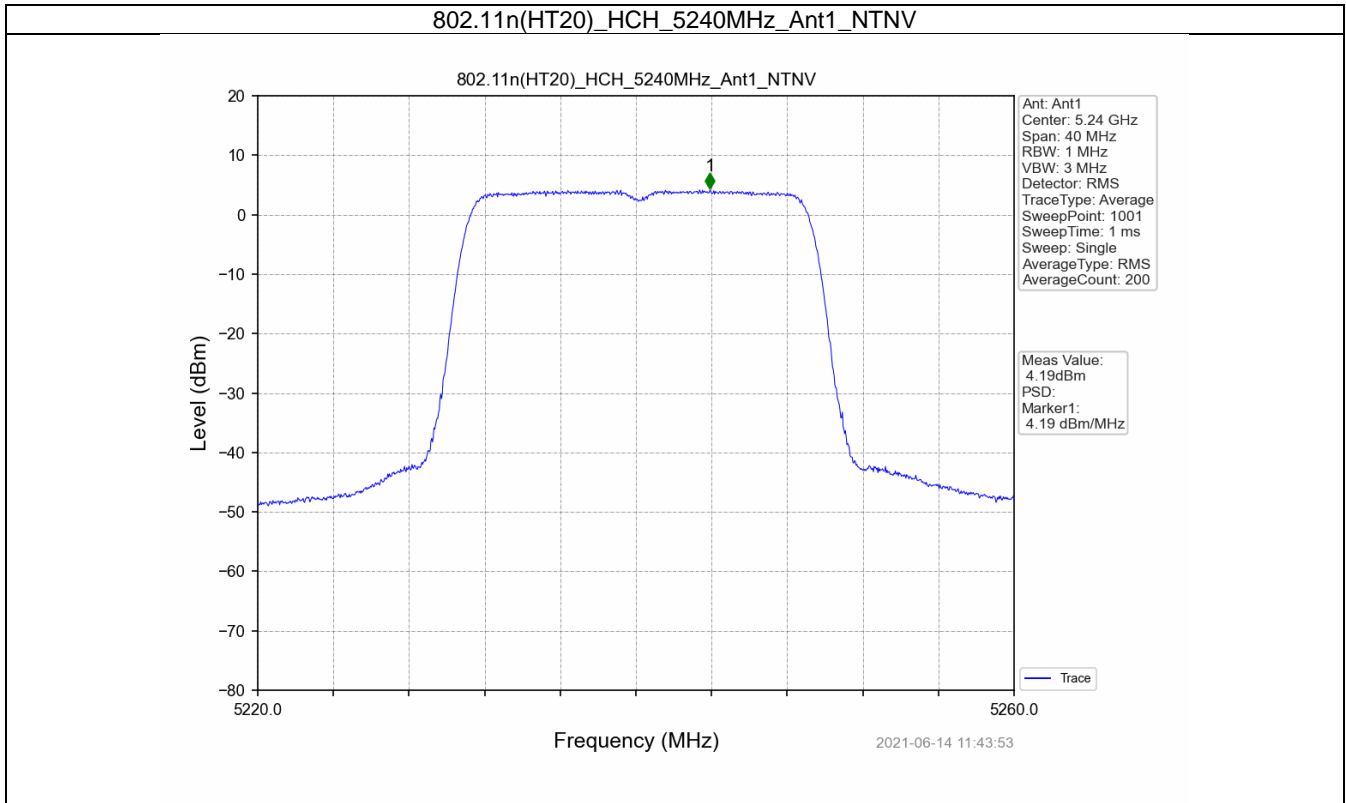


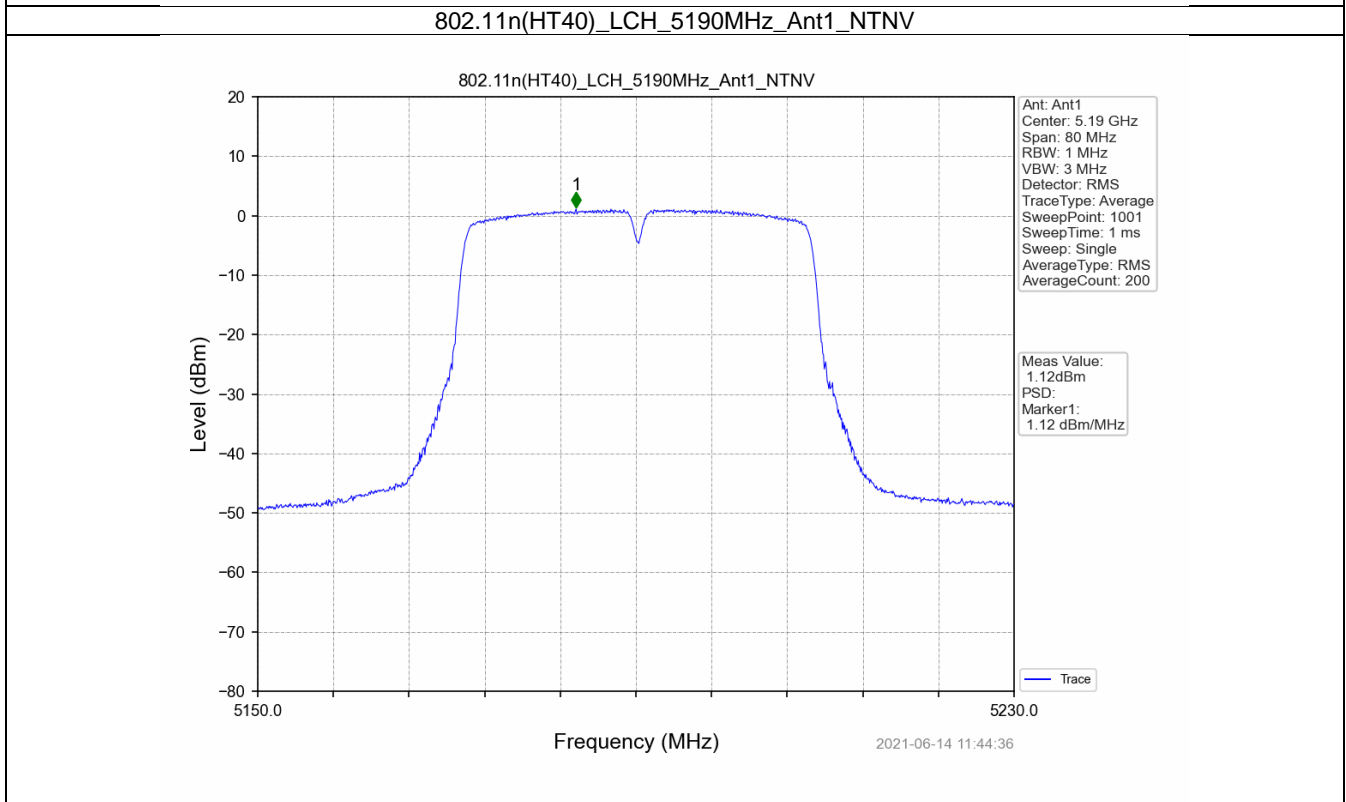
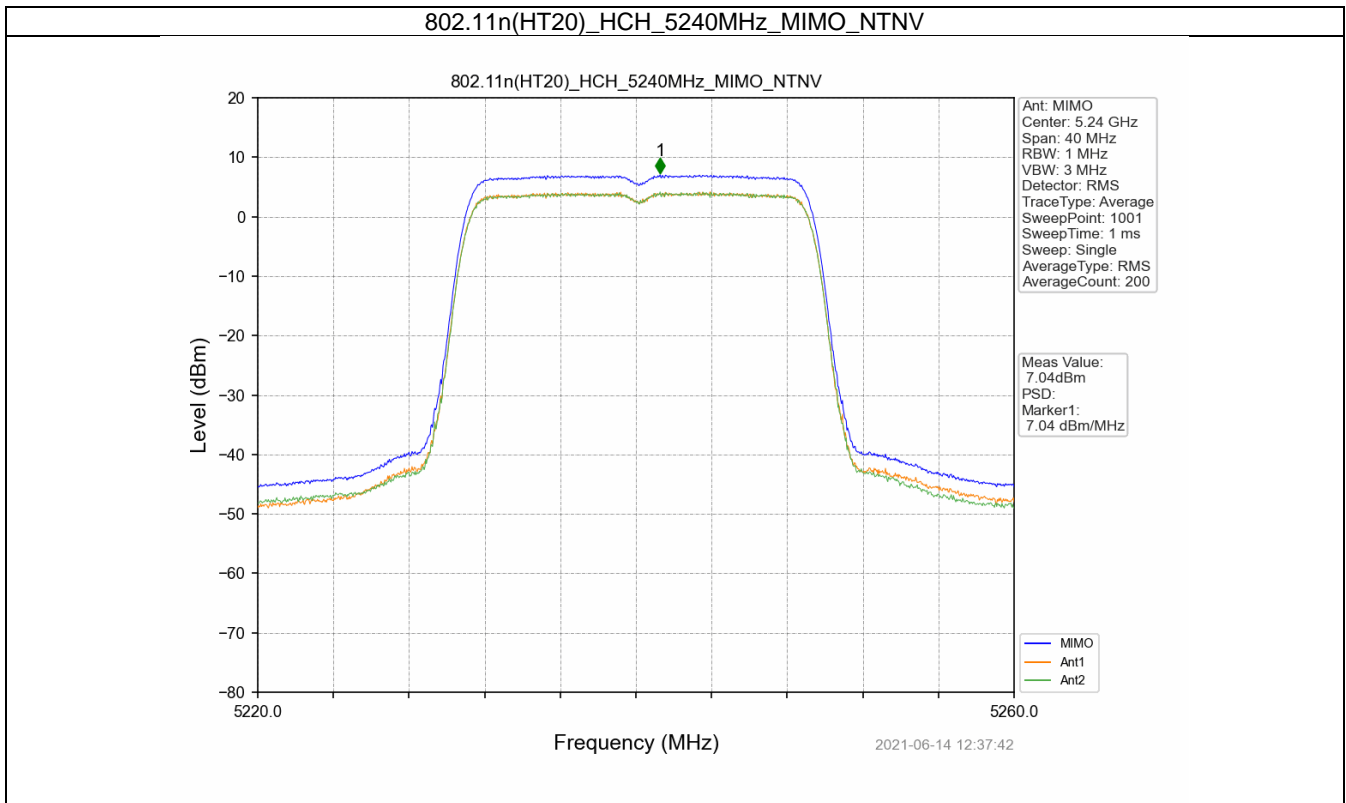


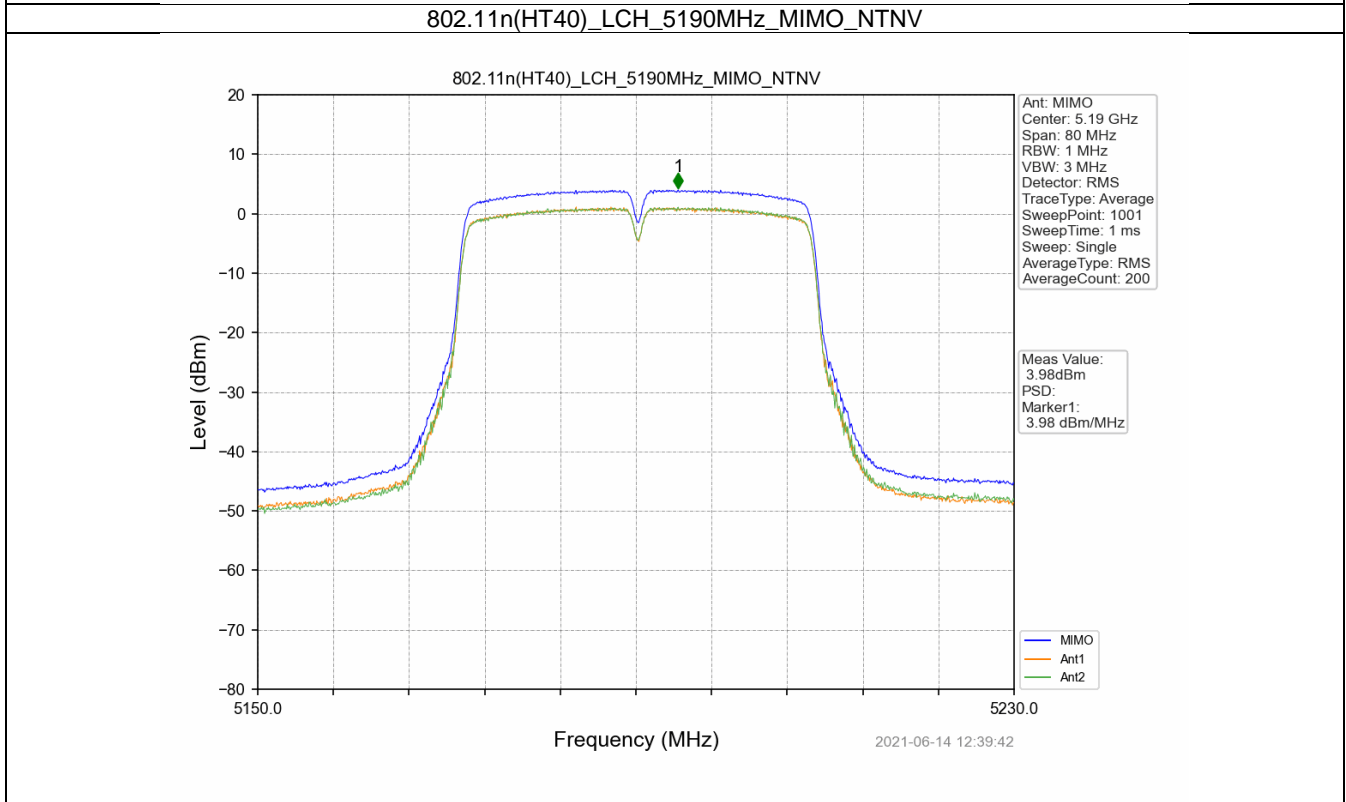
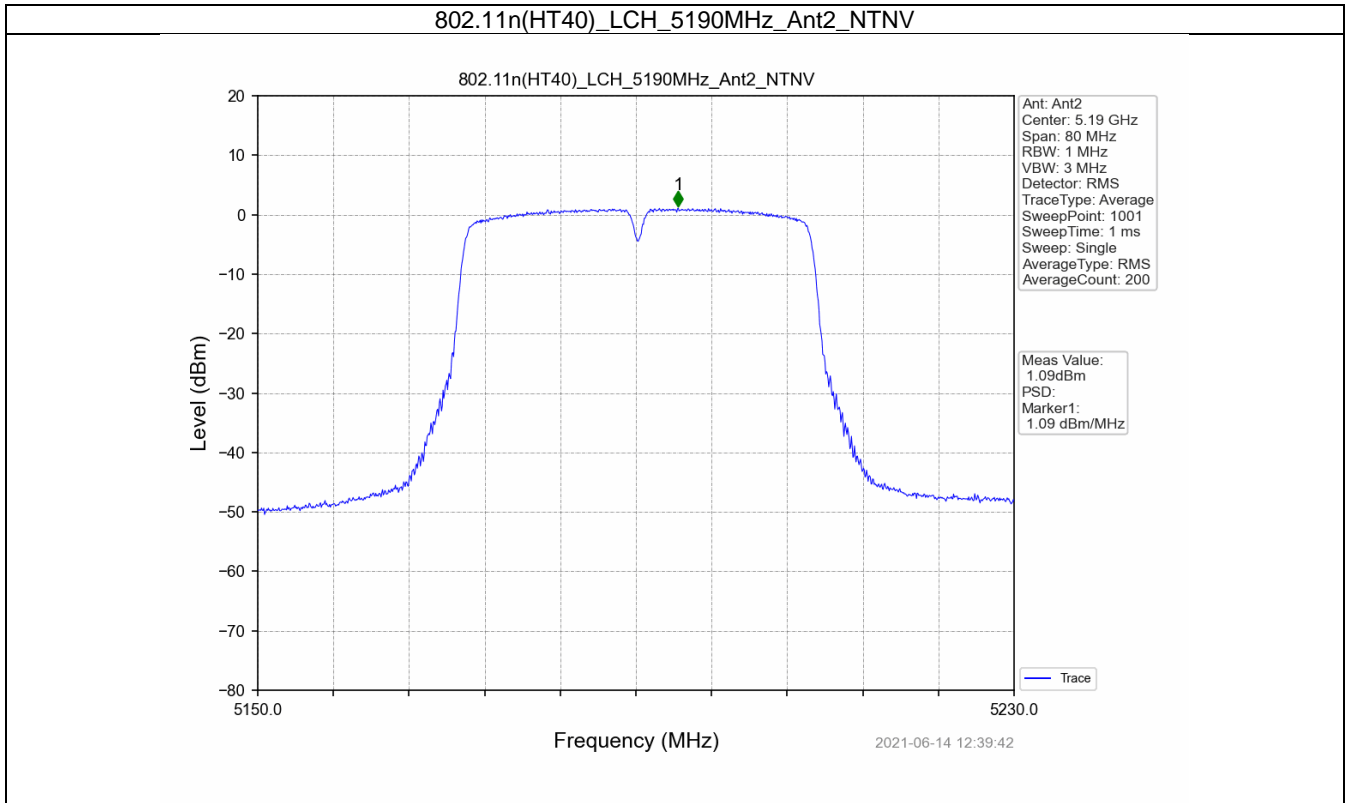


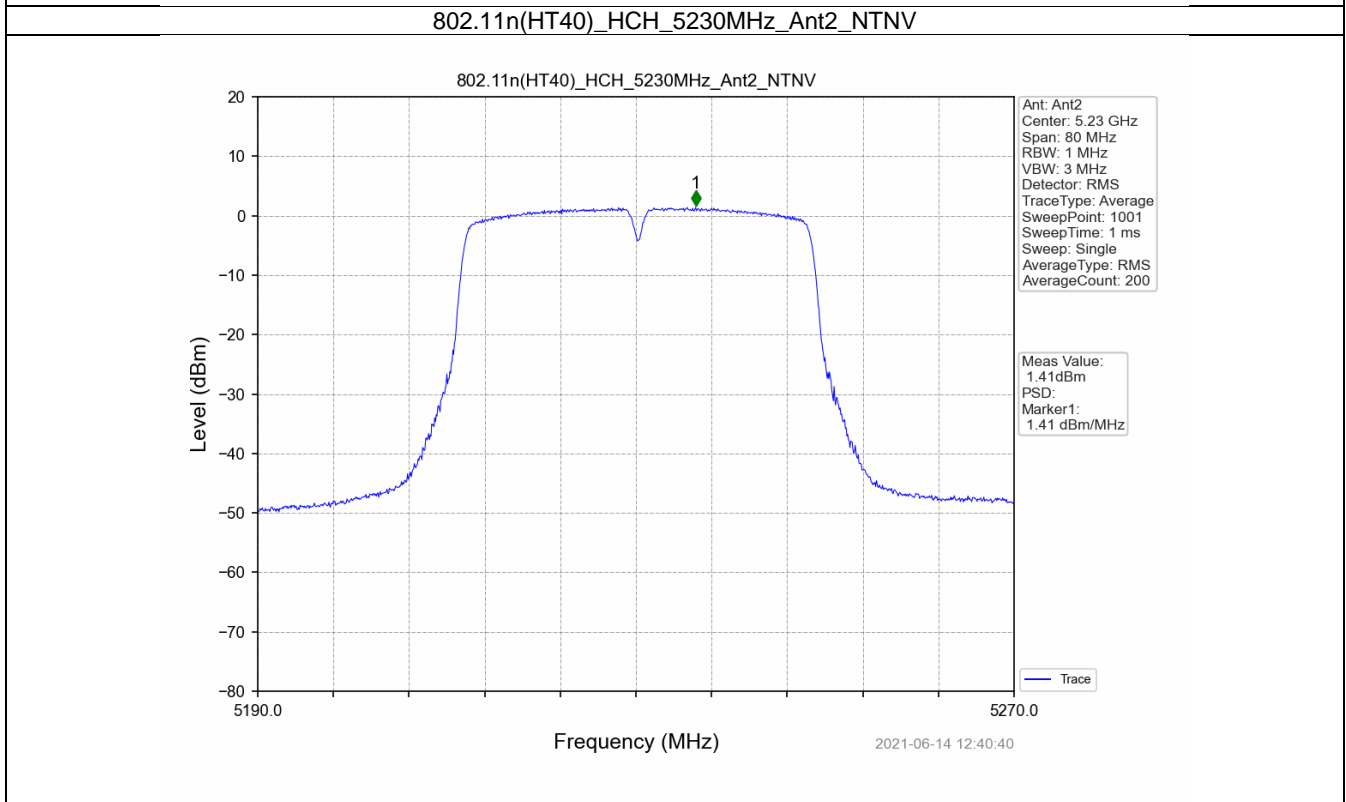
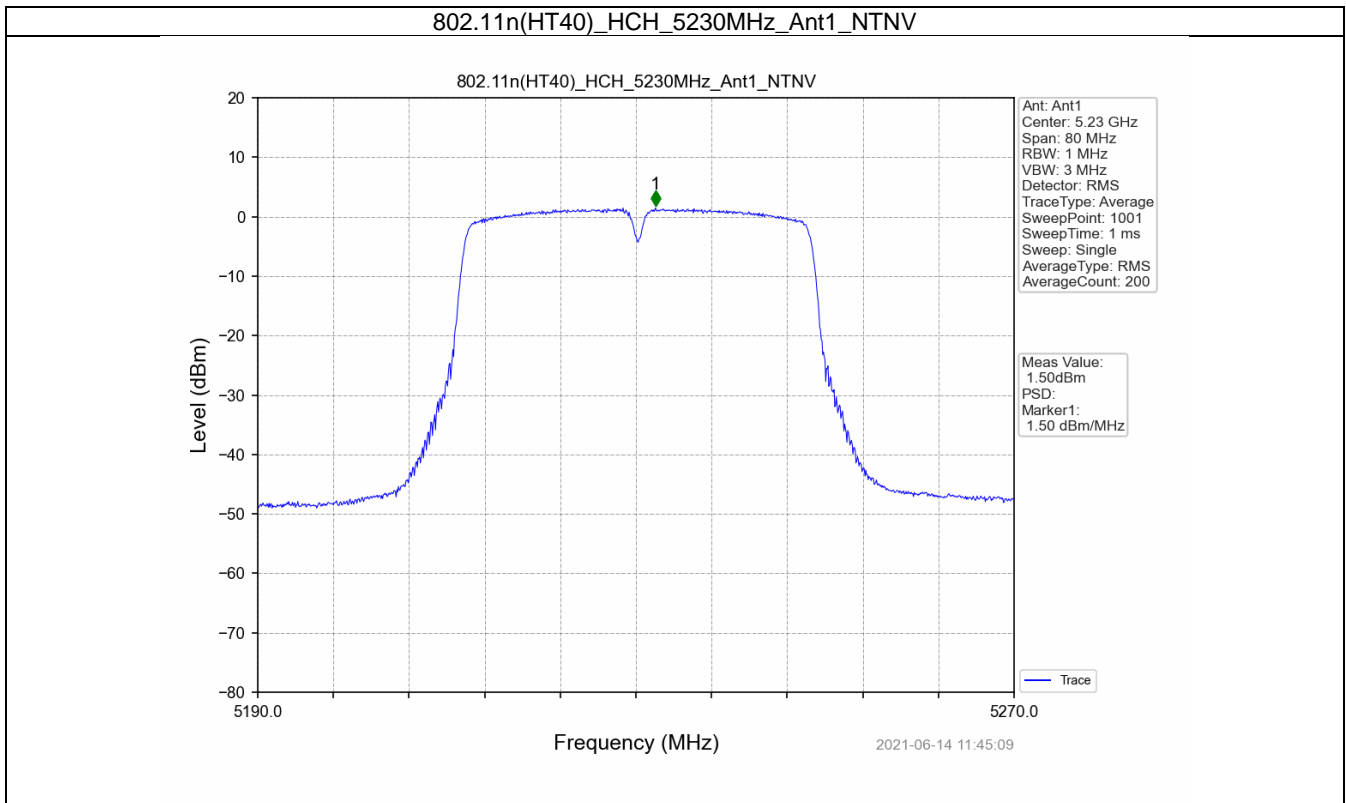




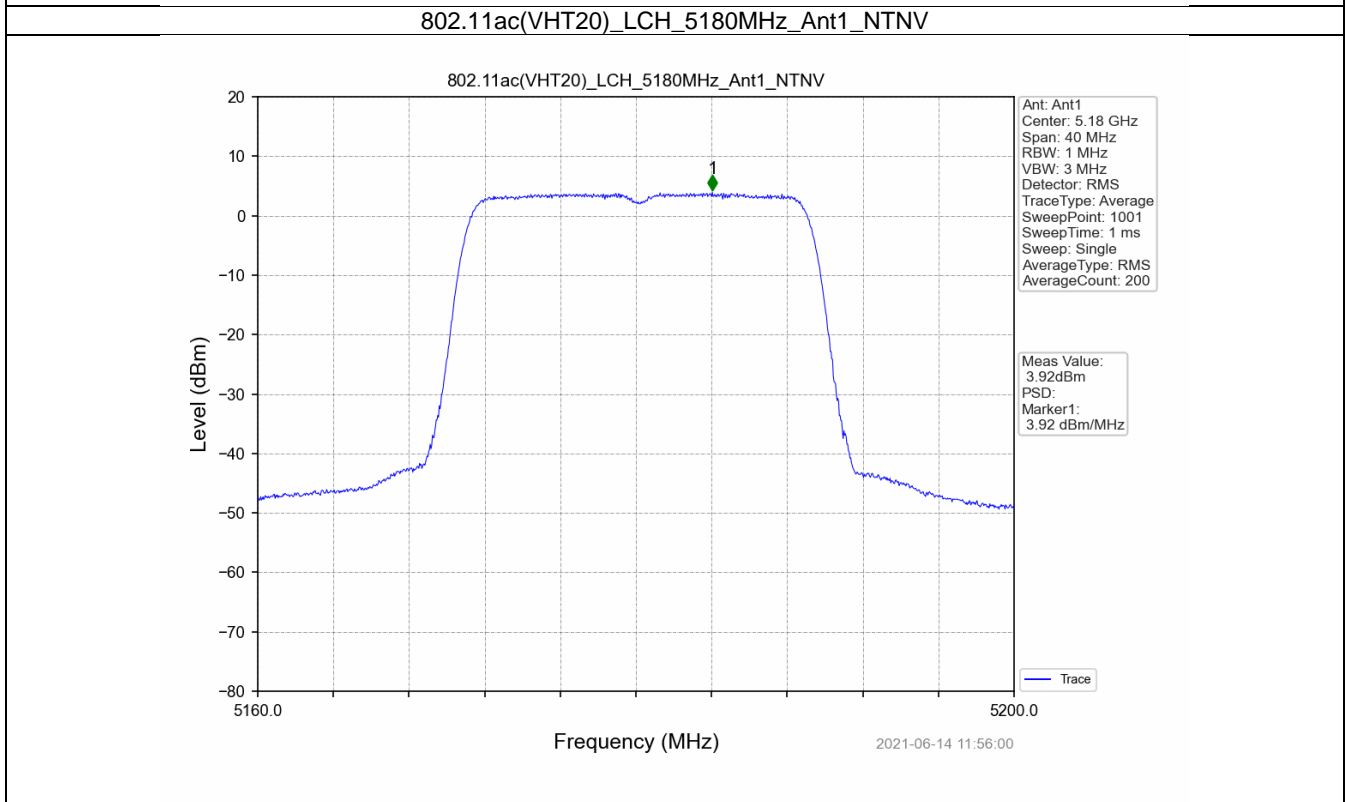
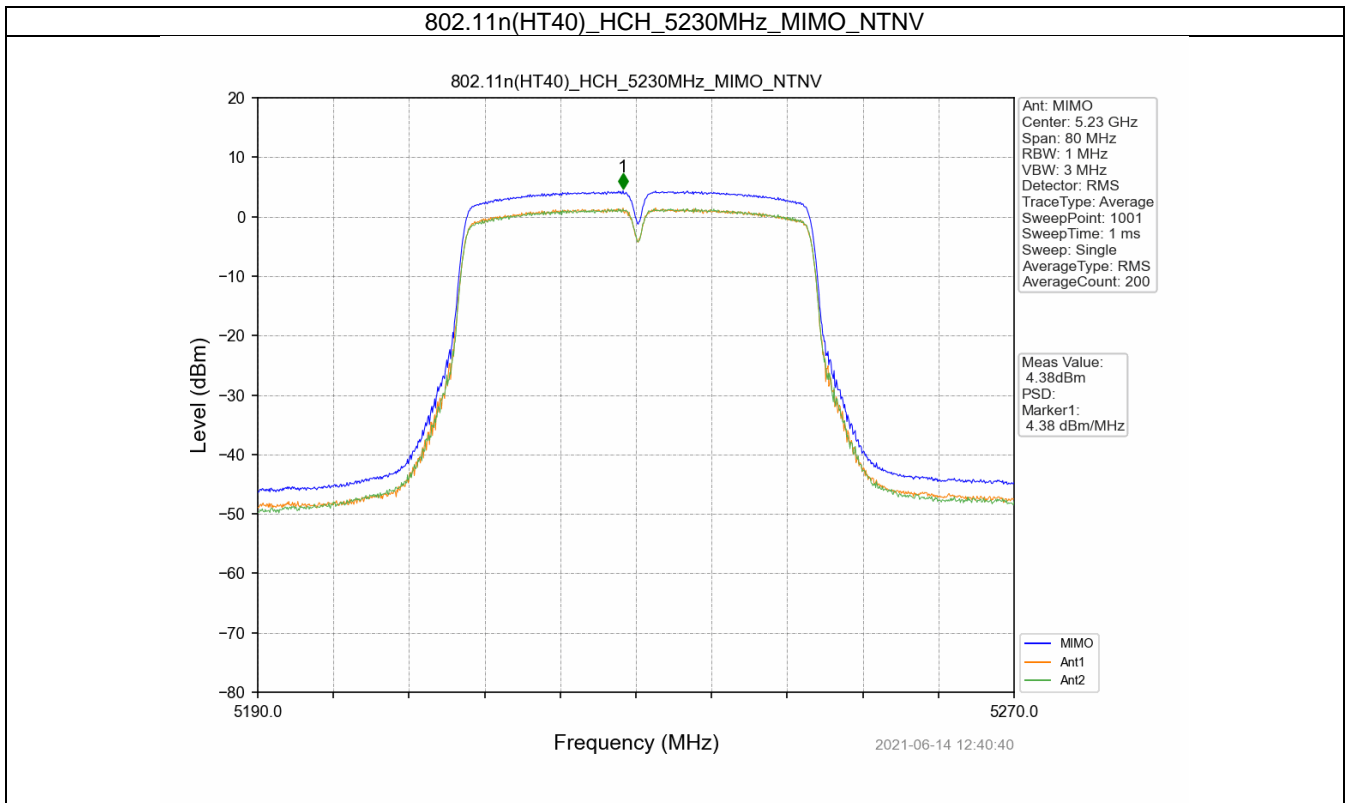


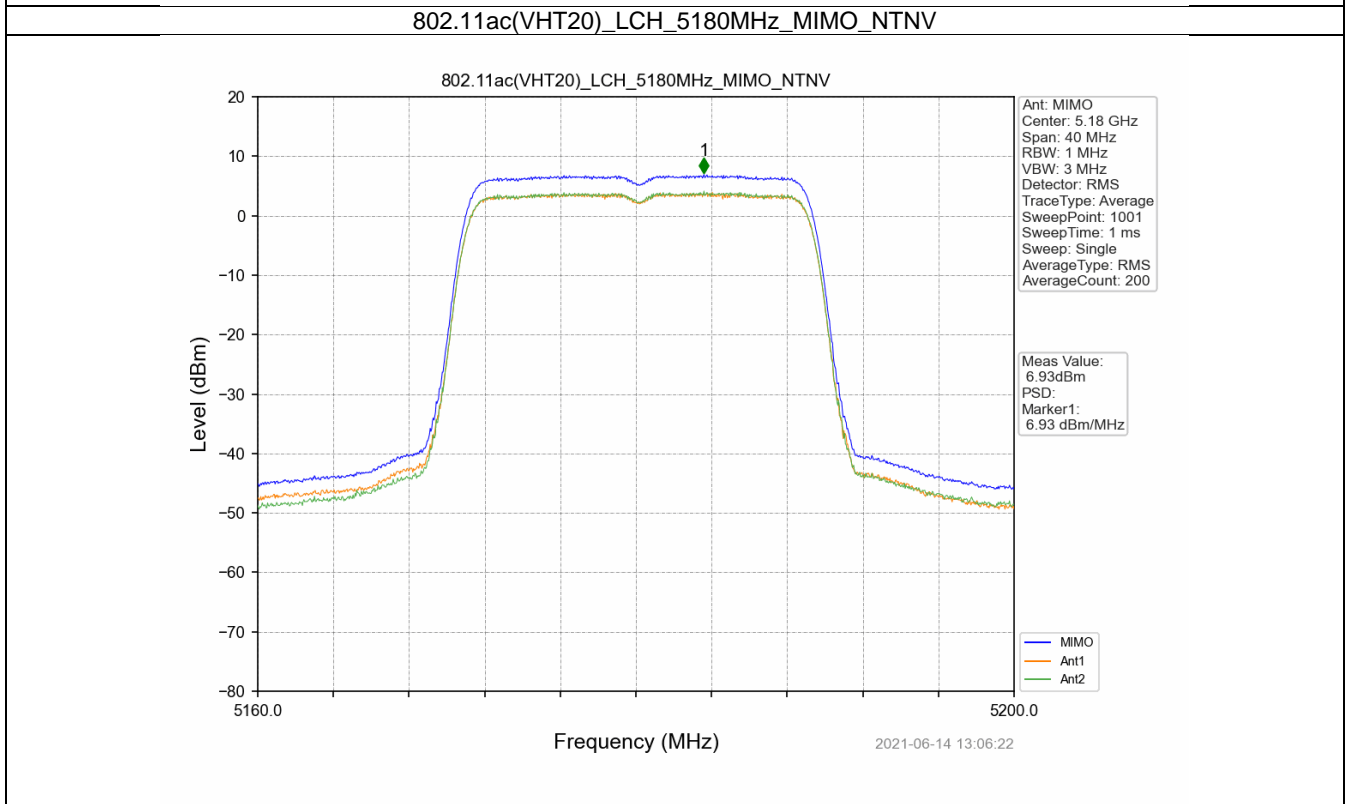
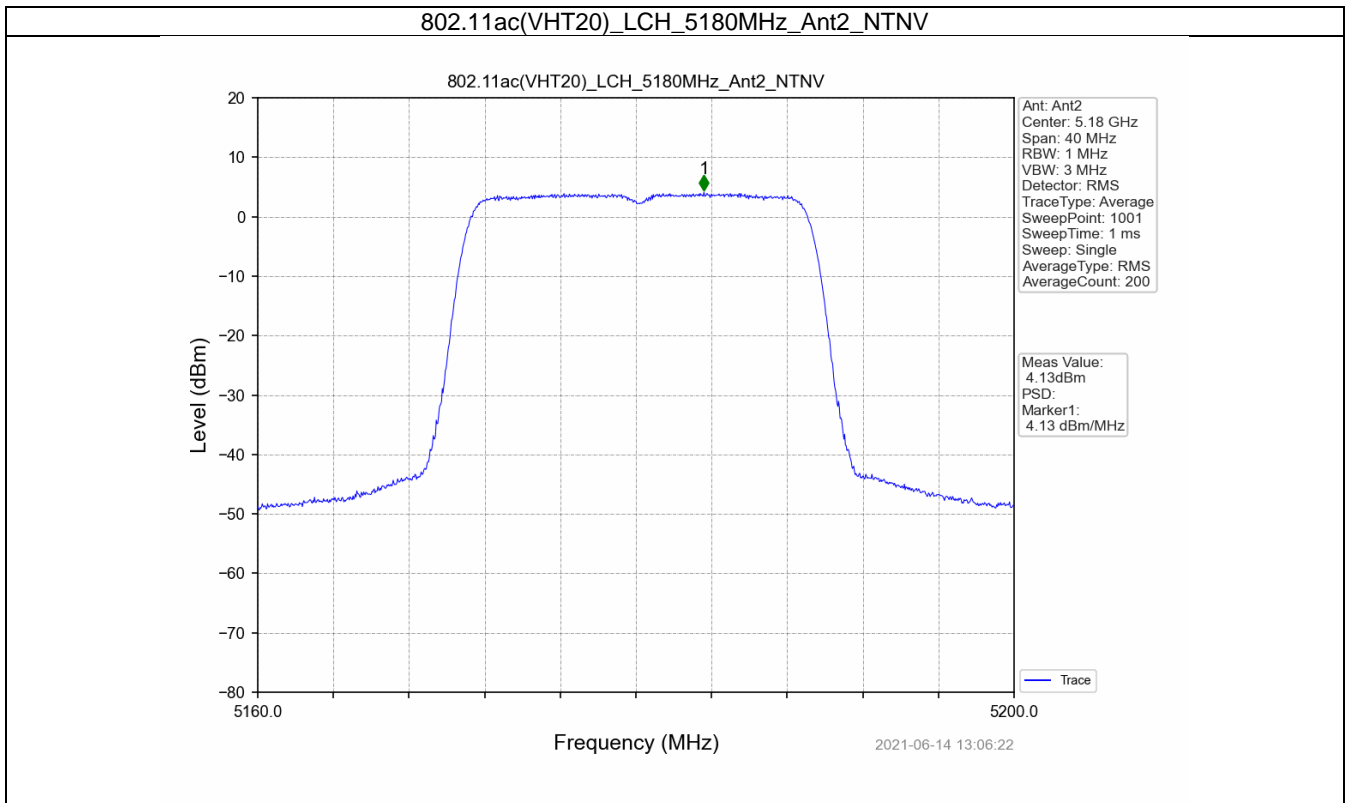


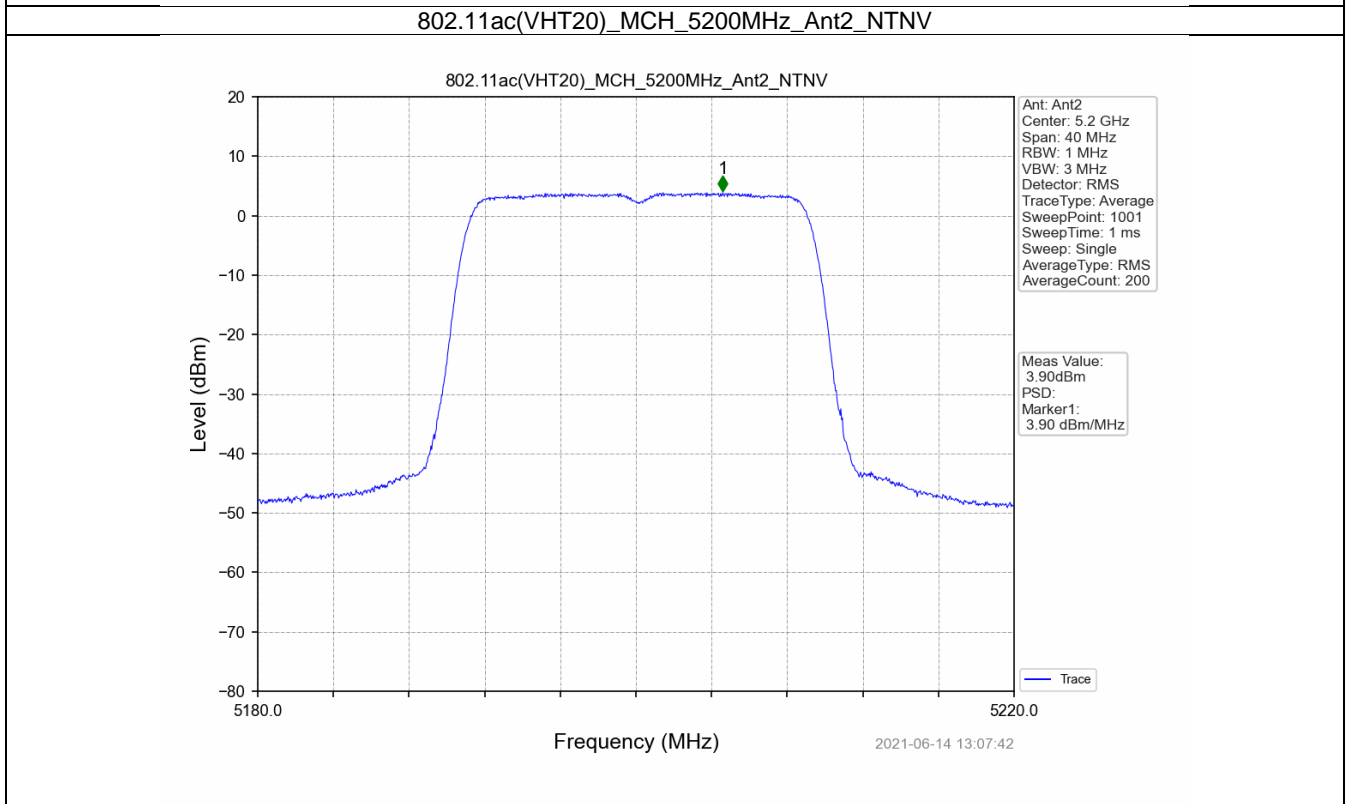
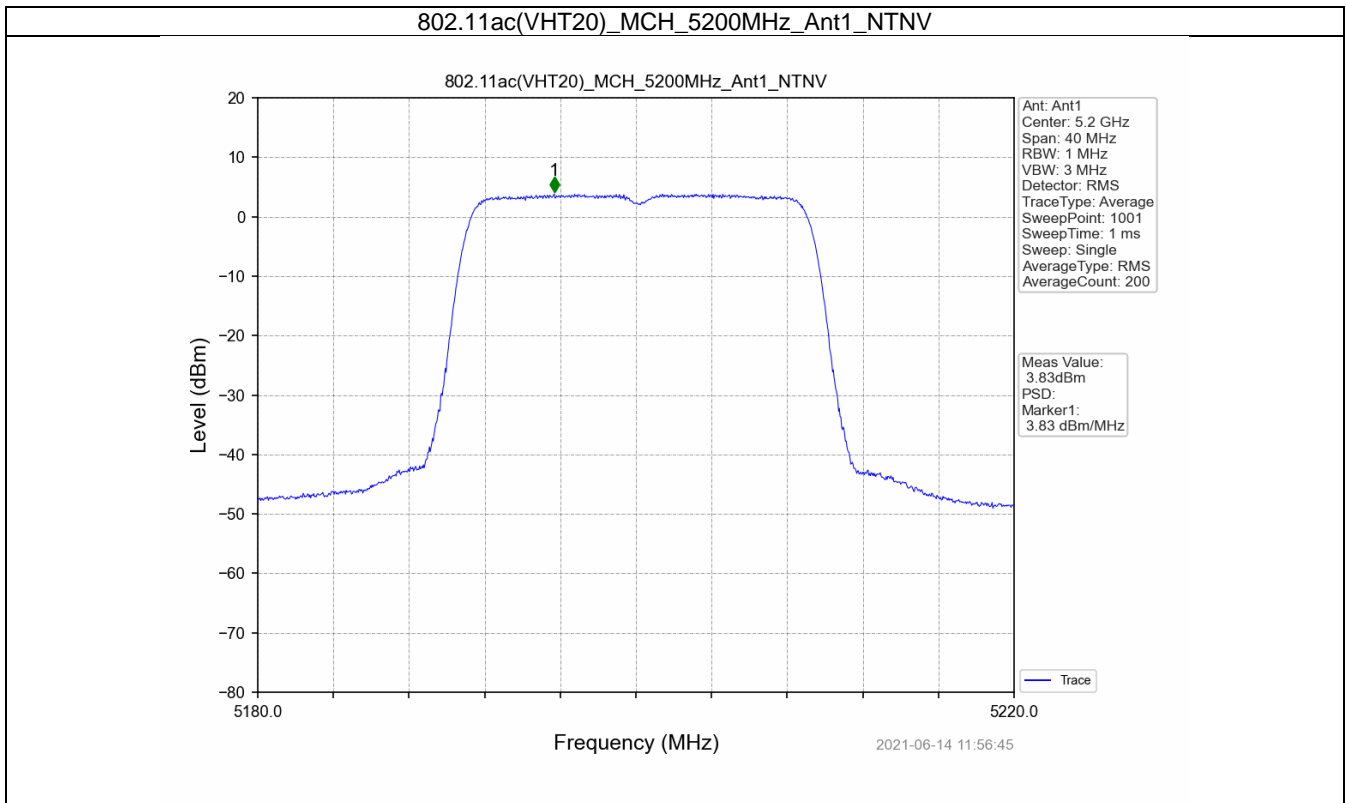


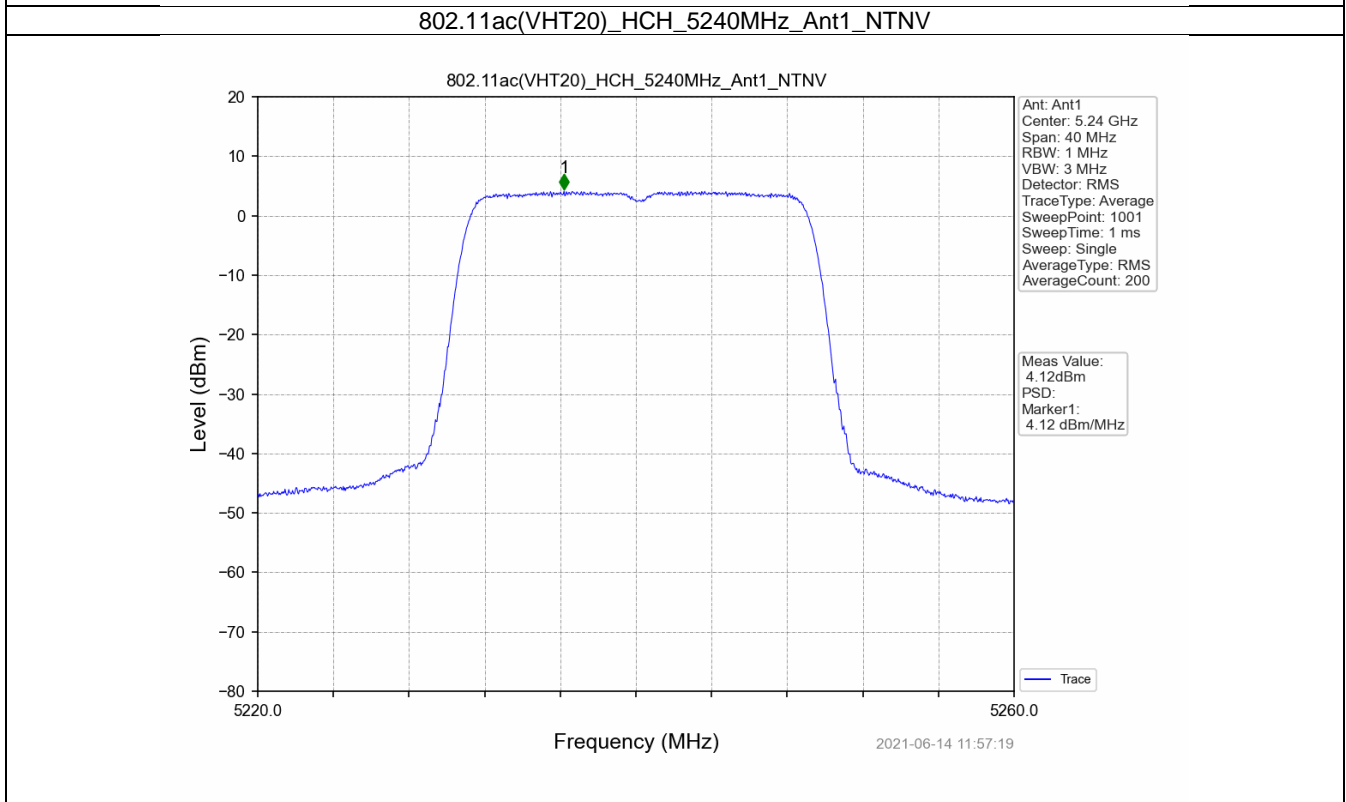
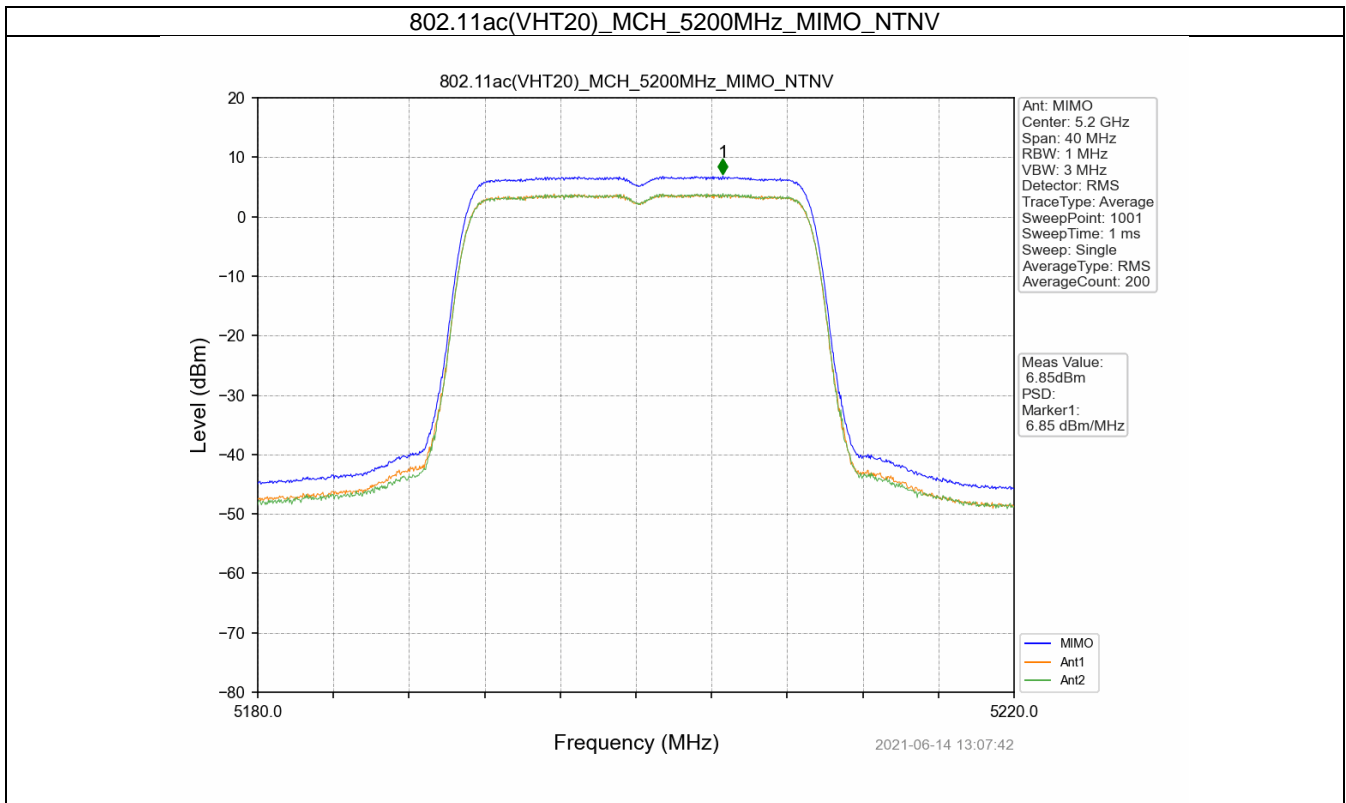


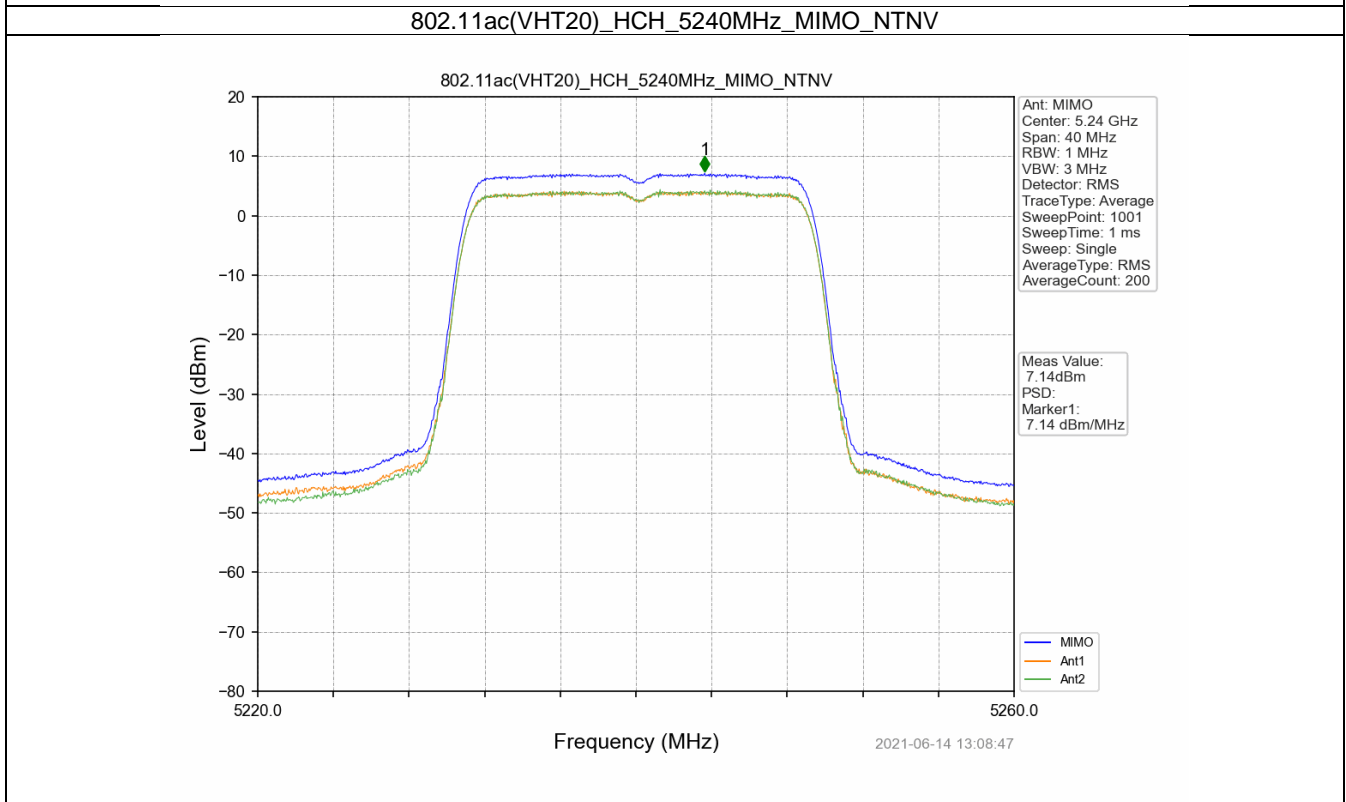
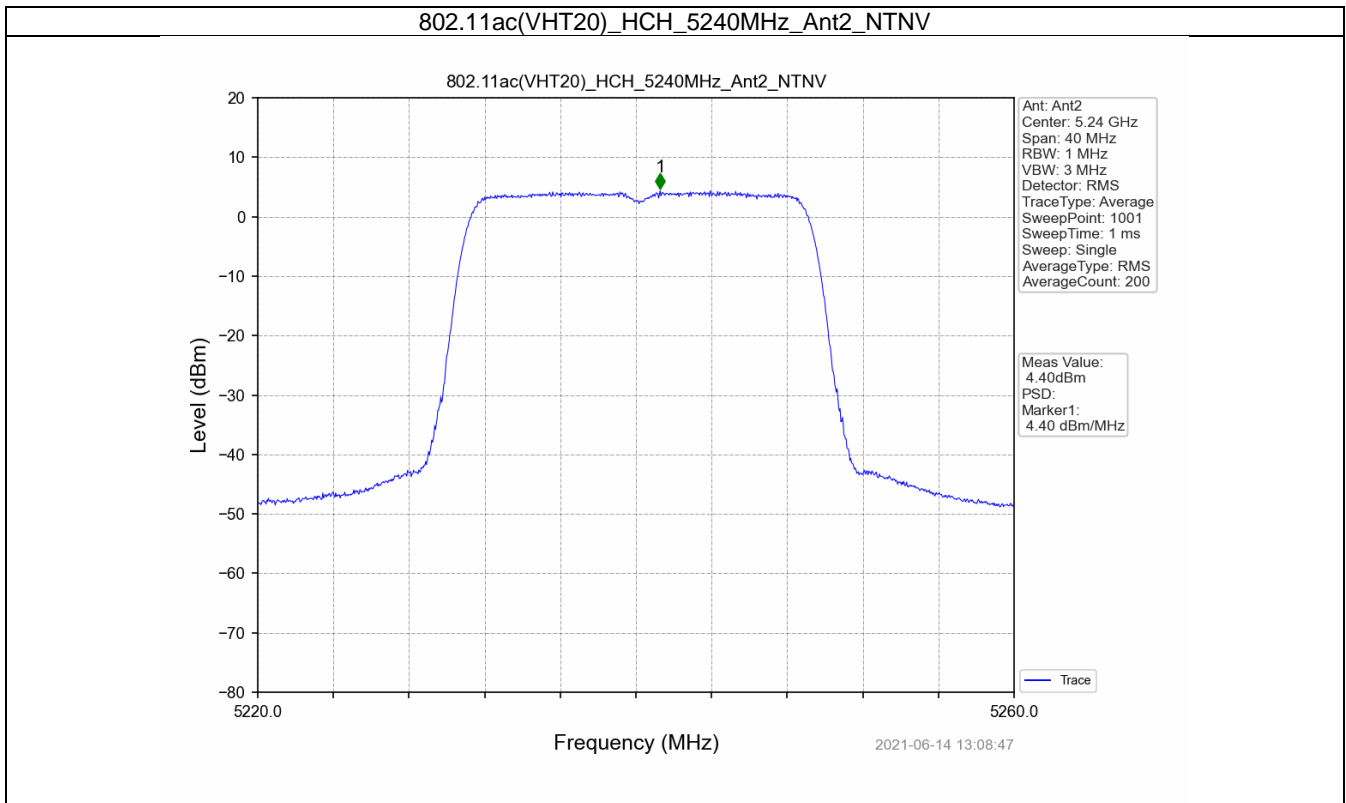


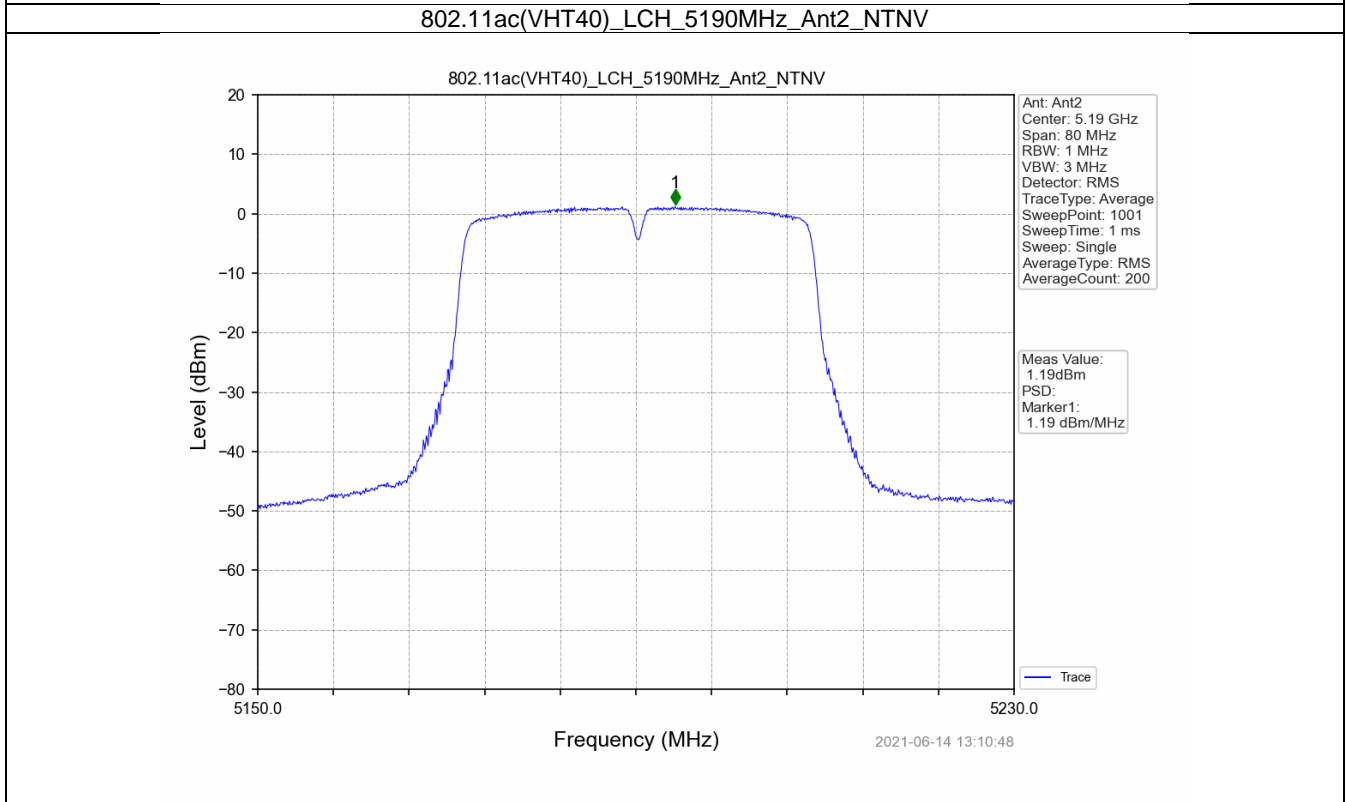
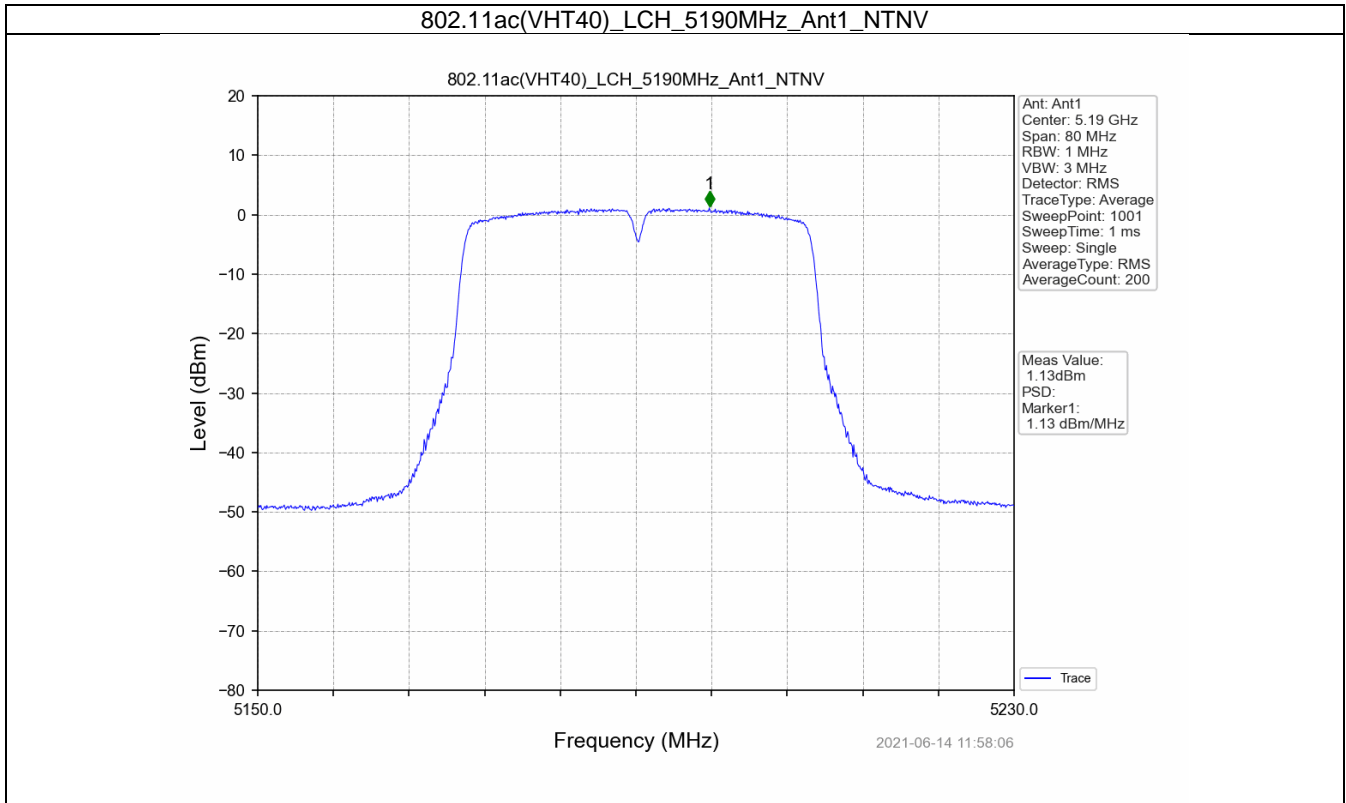


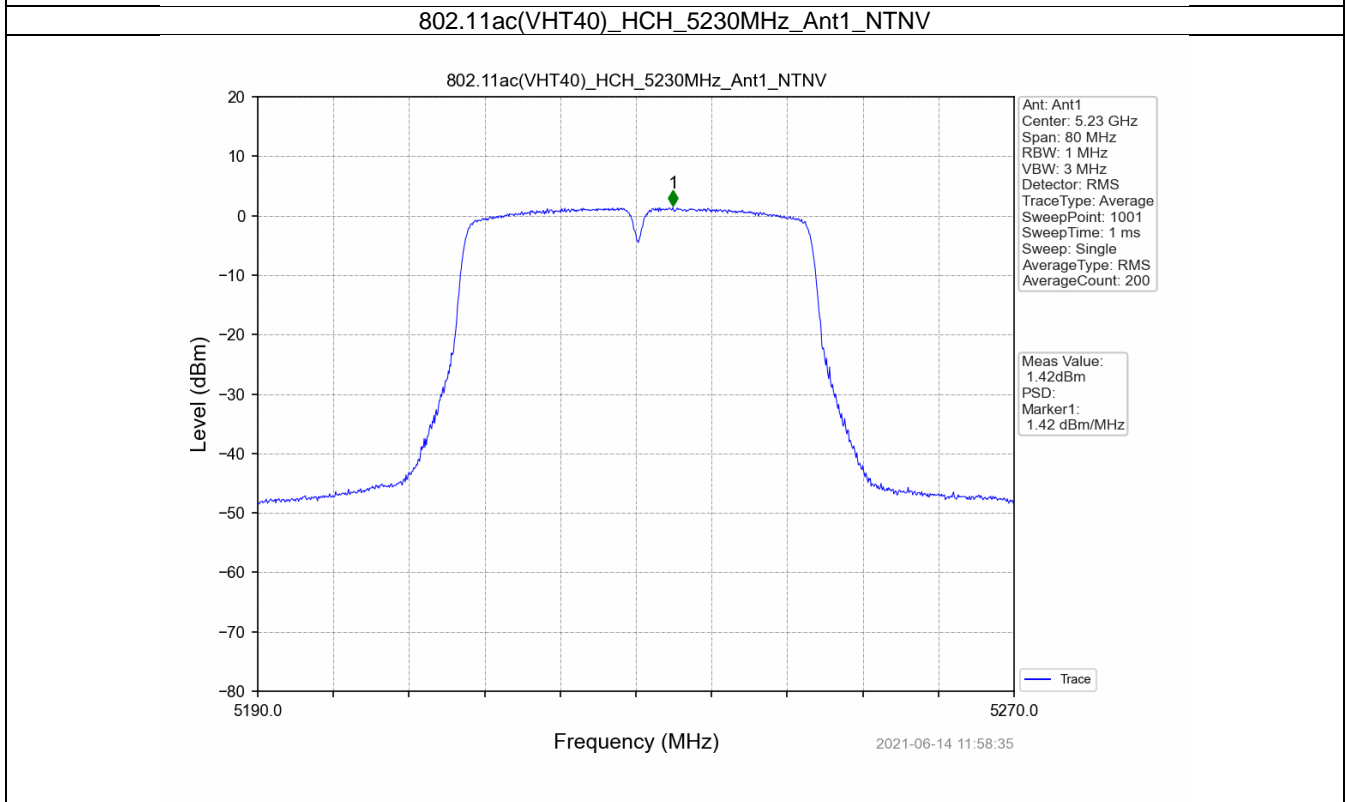
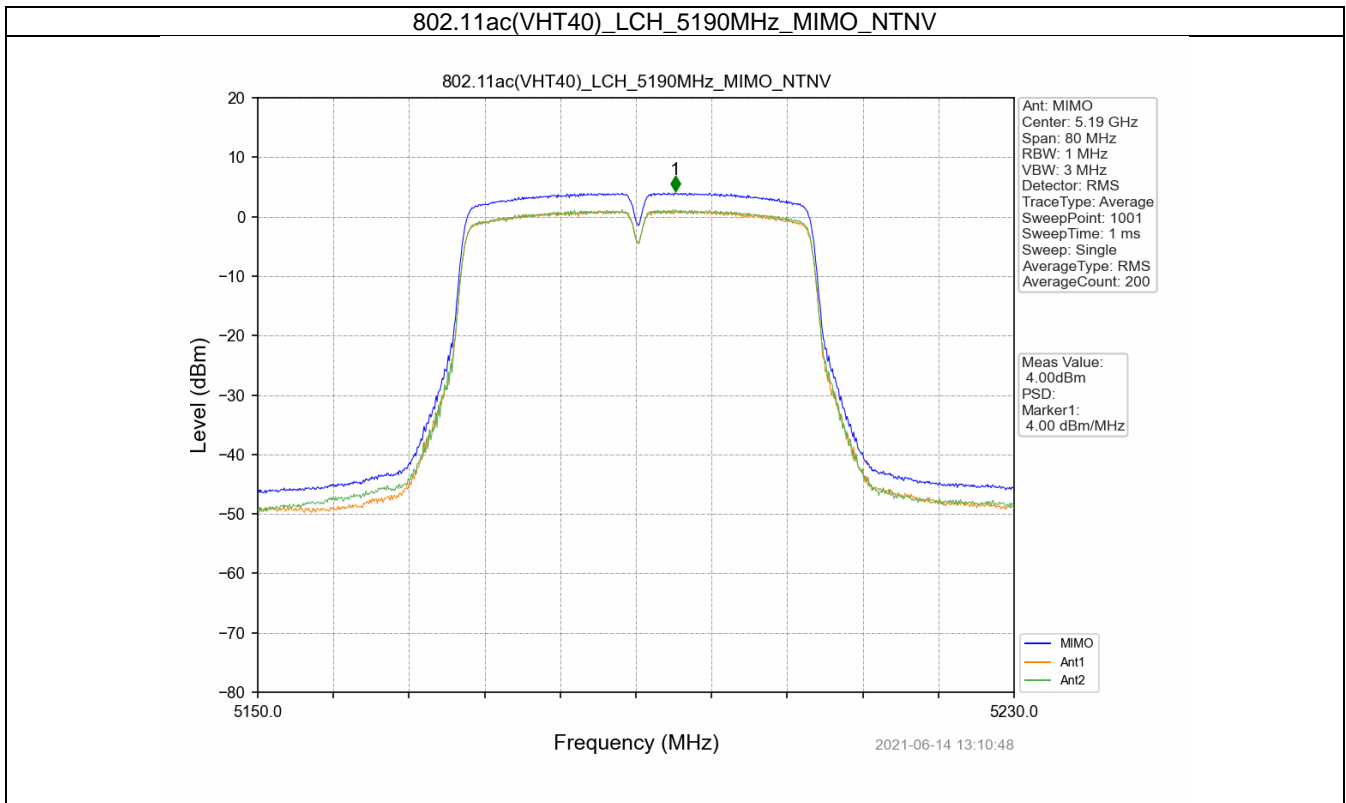


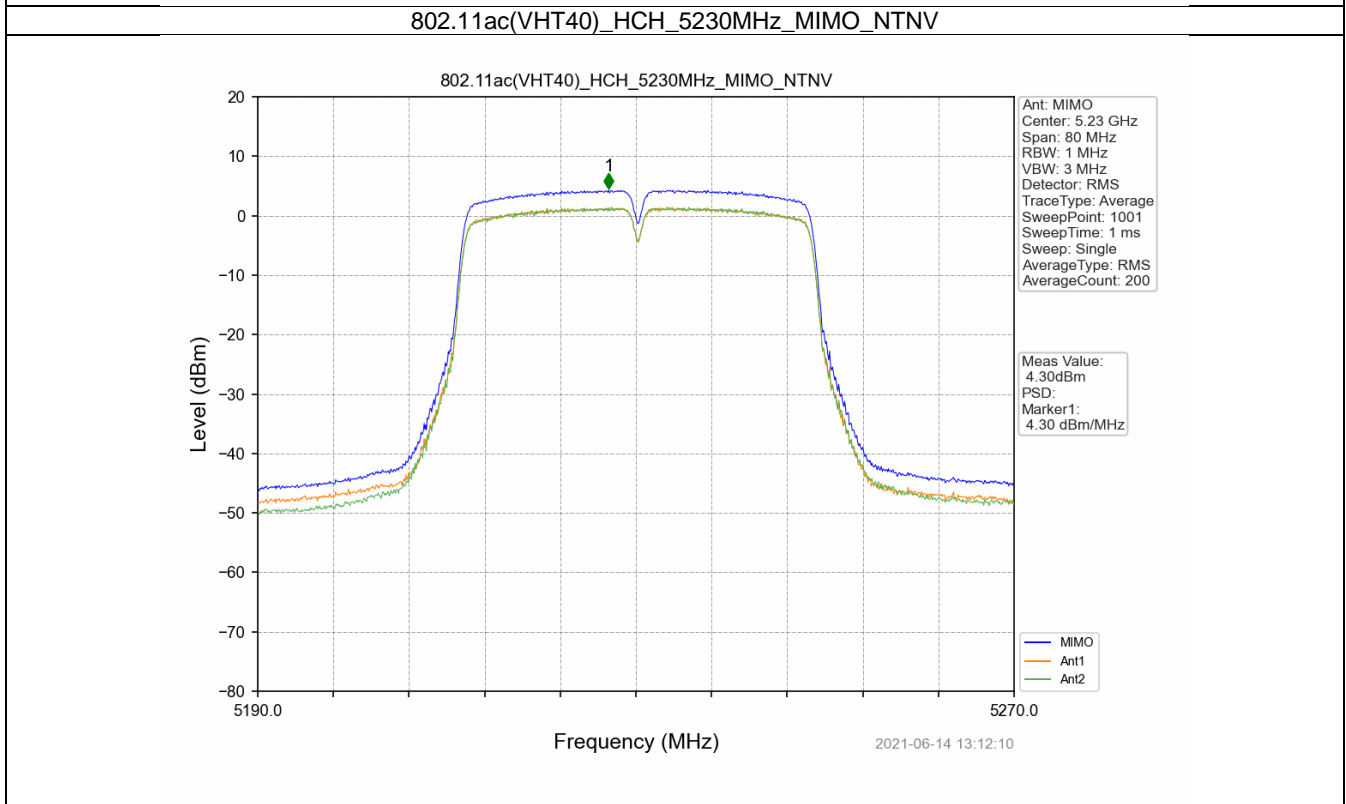
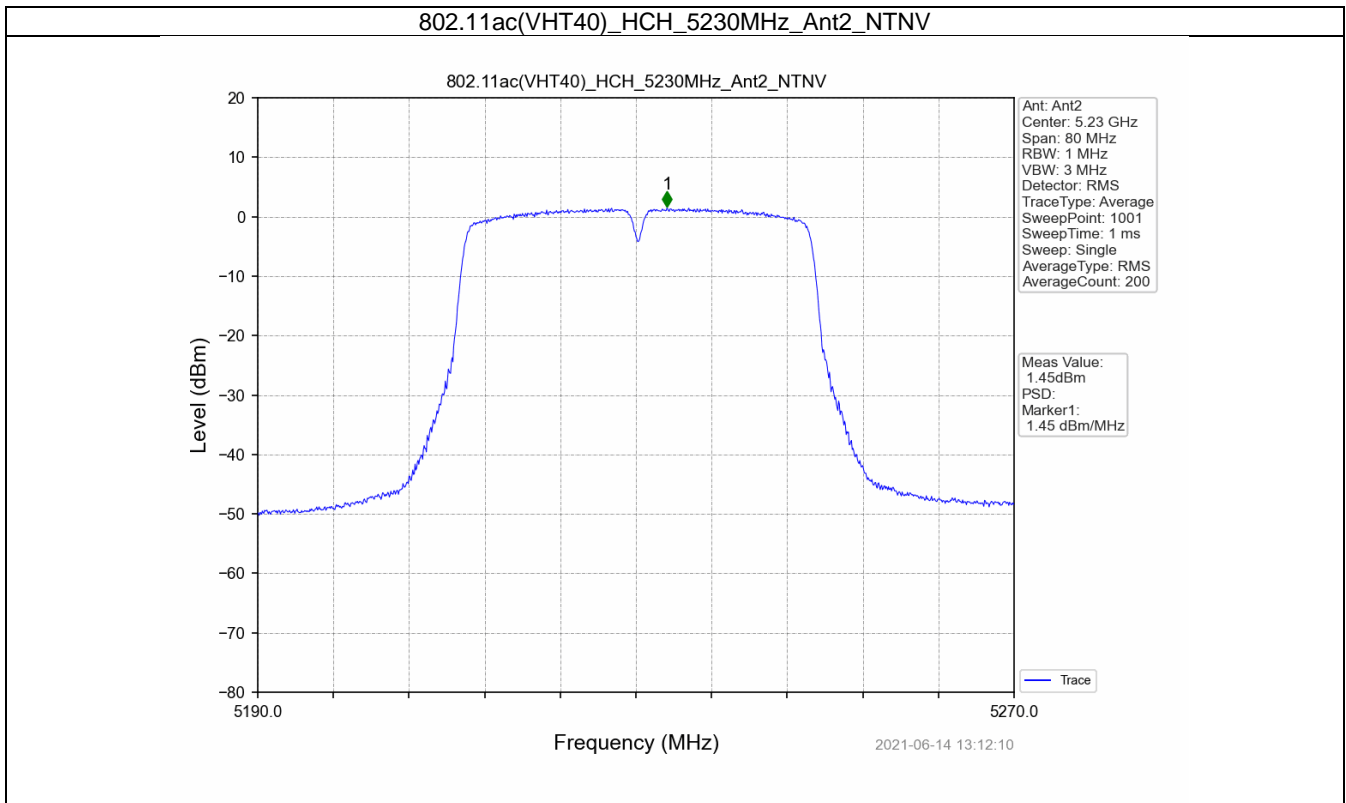




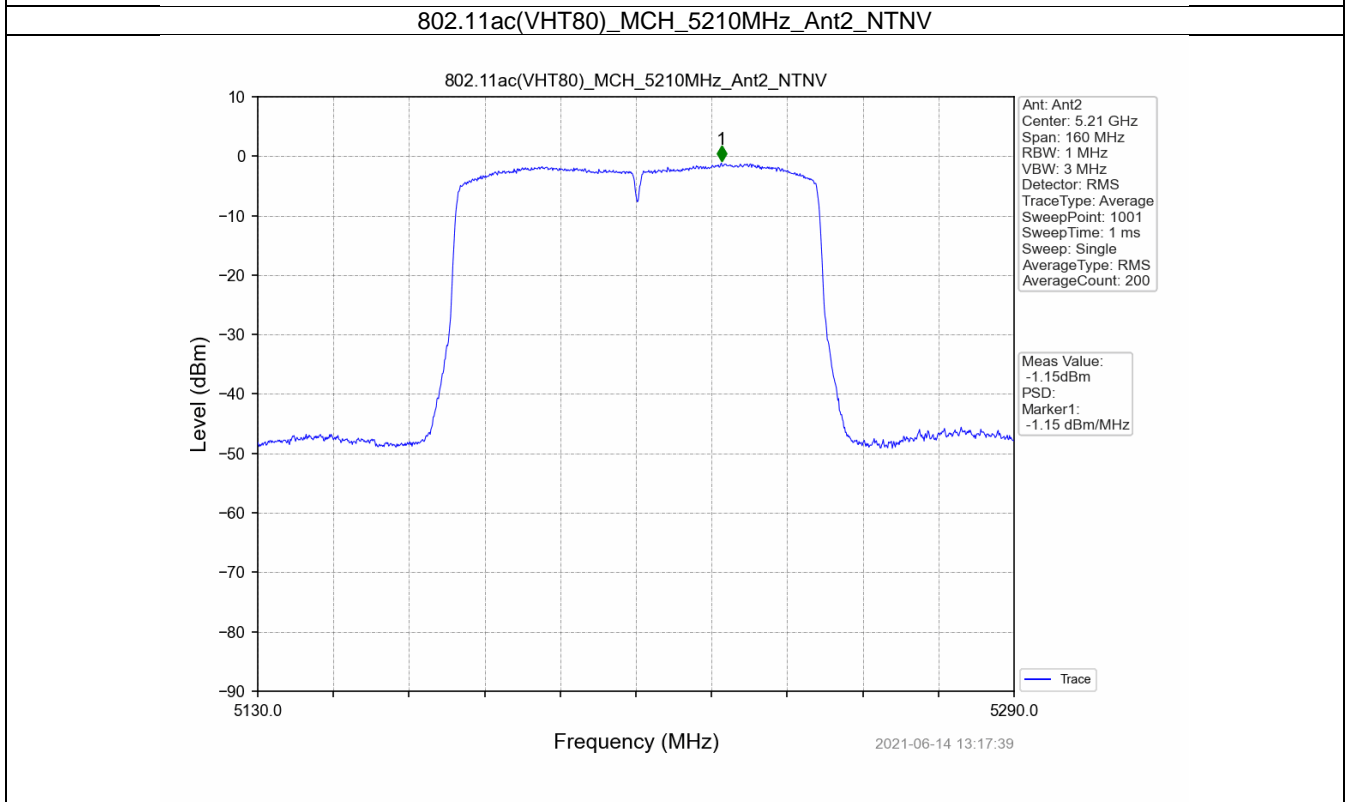
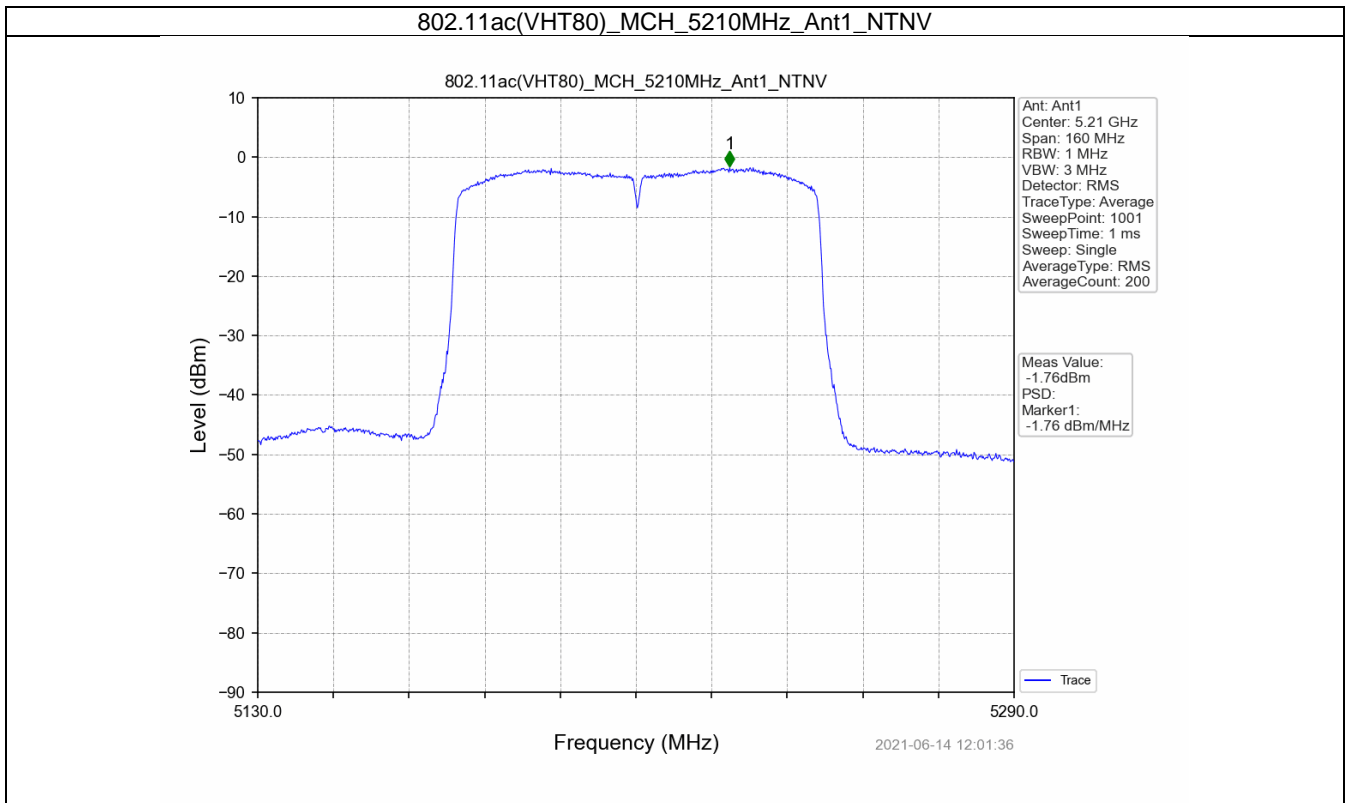


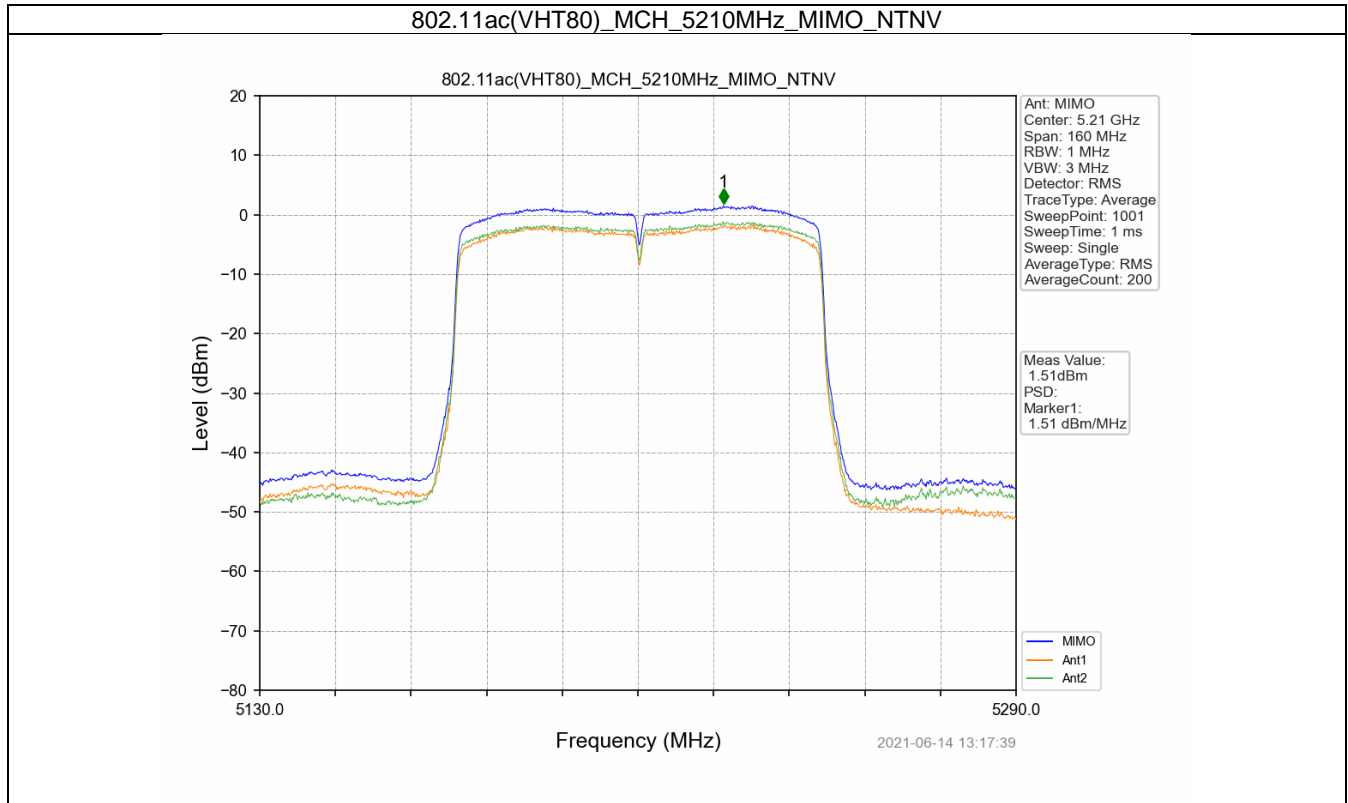












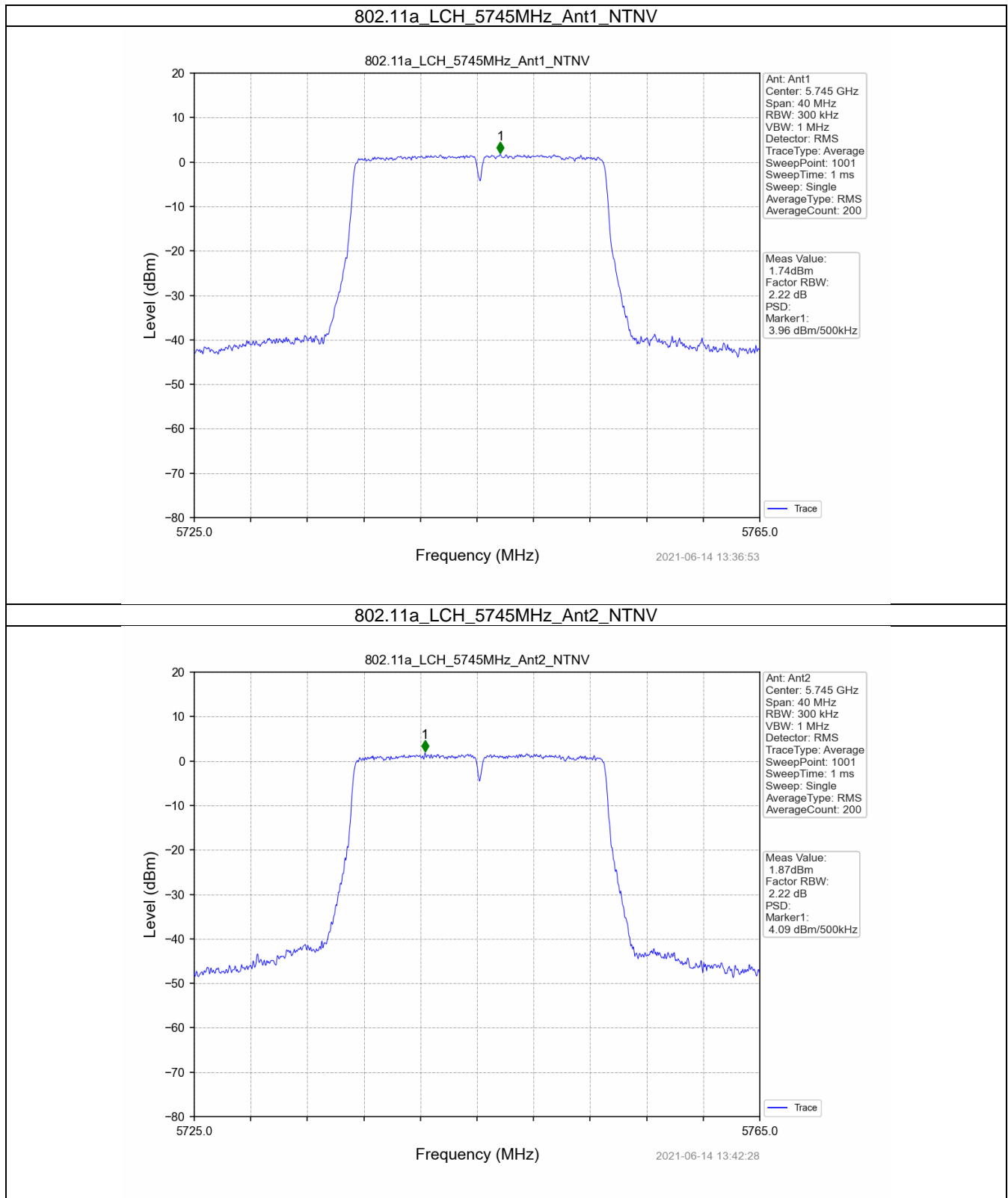
## 4.2 PSD-Band3

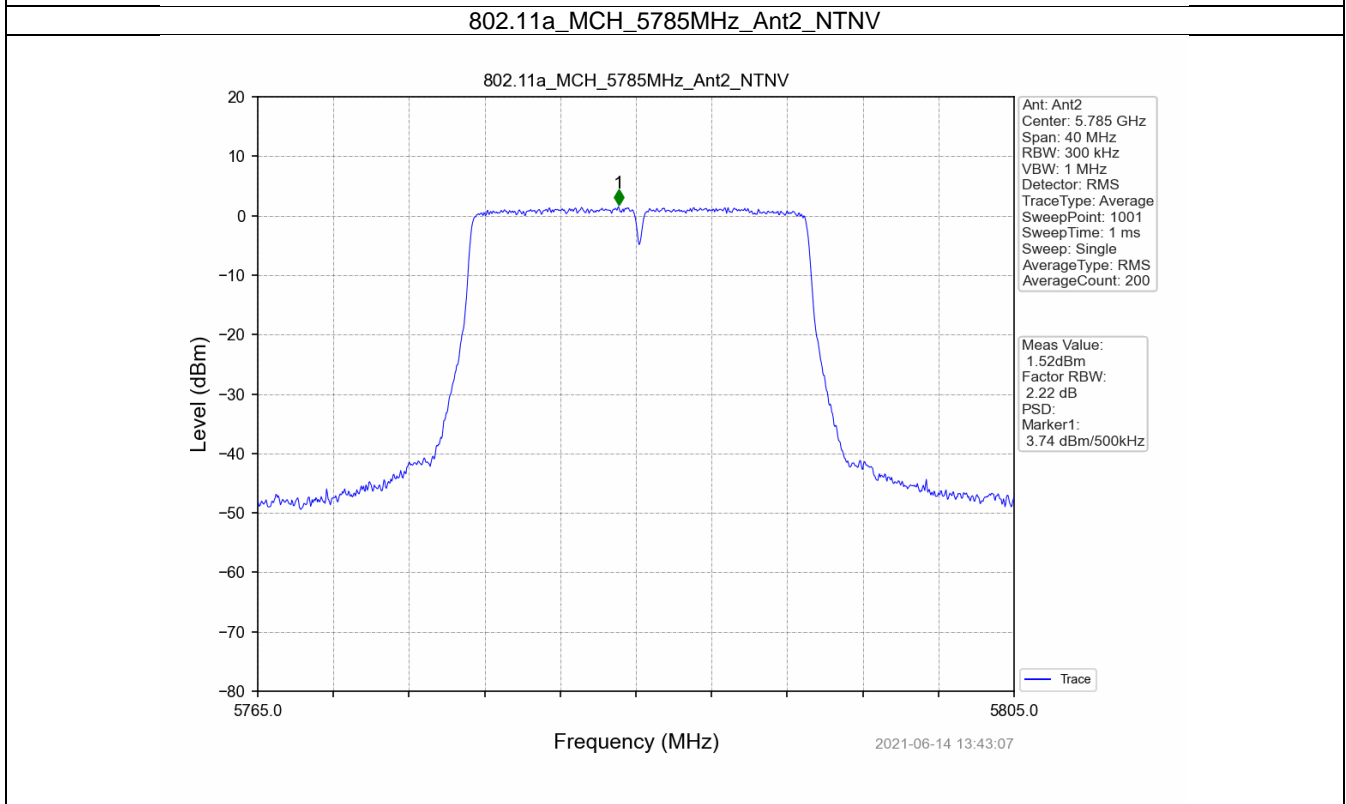
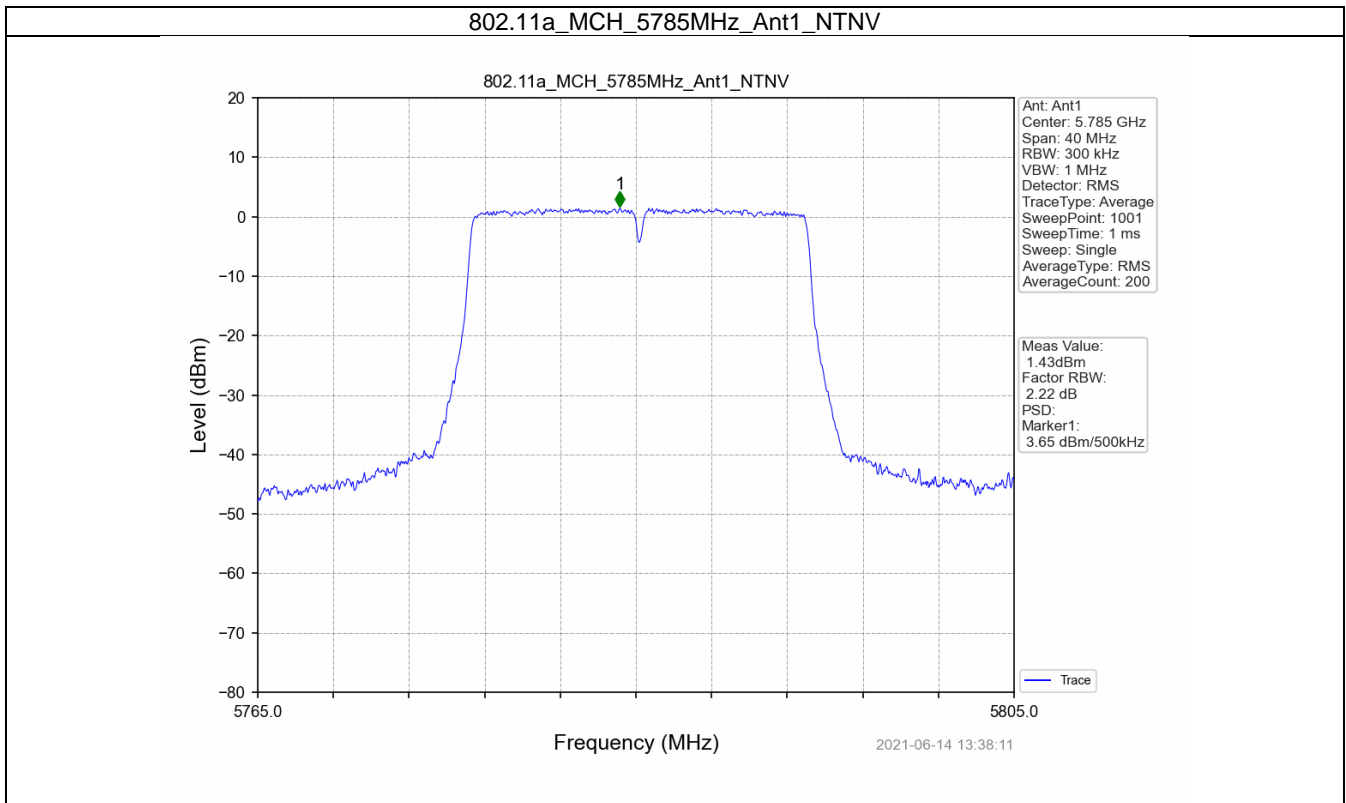
### 4.2.1 Test Result

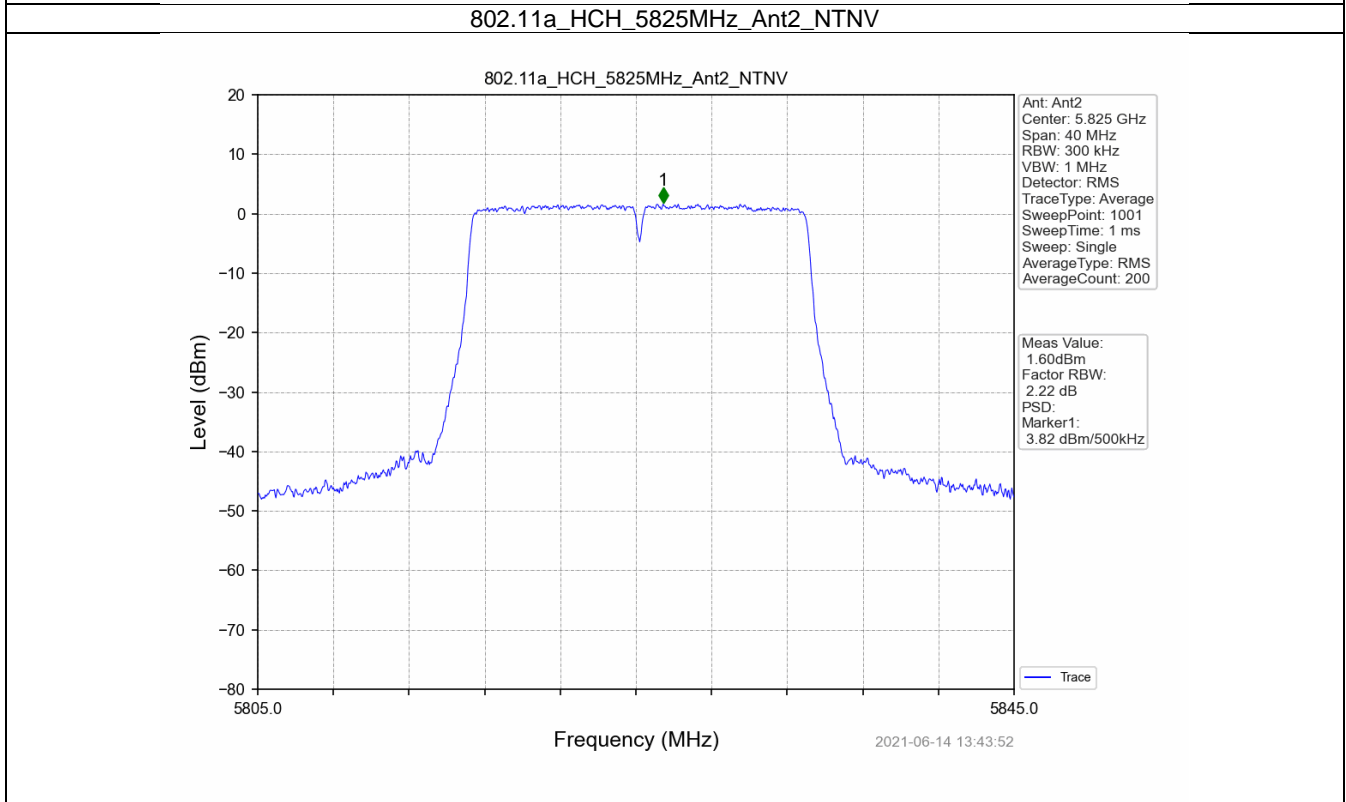
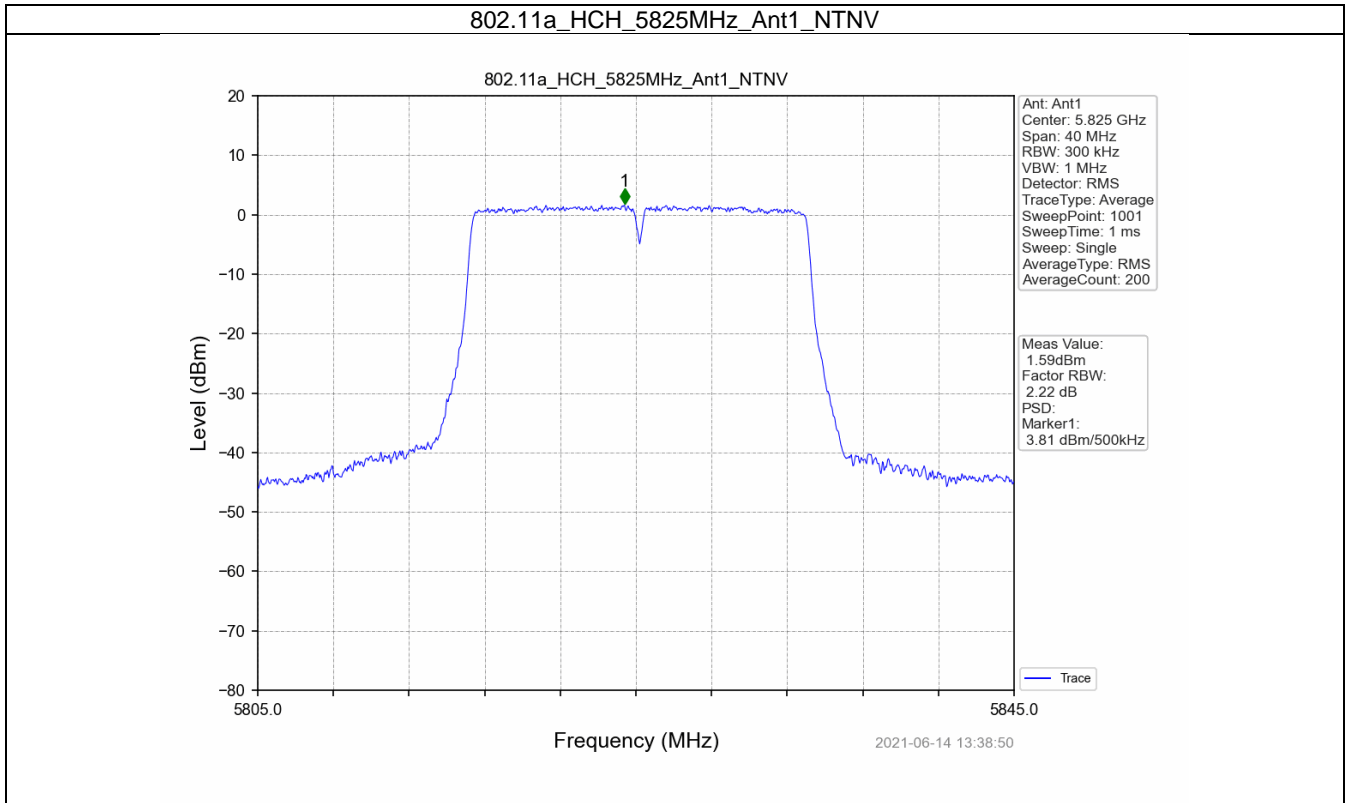
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)			Limit (dBm/500kHz)	Verdict
					Ant1	Ant2	Sum		
802.11a	SISO	5745	/	/	3.96	4.09	/	<=30	Pass
		5785	/	/	3.65	3.74	/	<=30	Pass
		5825	/	/	3.81	3.82	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	1.11	0.86	3.90	<=27.99	Pass
		5785	/	/	1.06	0.73	3.65	<=27.99	Pass
		5825	/	/	1.07	0.91	3.88	<=27.99	Pass
802.11n (HT40)	MIMO	5755	/	/	-1.76	-1.97	1.00	<=27.99	Pass
		5795	/	/	-1.97	-2.10	0.90	<=27.99	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1.09	0.84	3.86	<=27.99	Pass
		5785	/	/	0.80	0.67	3.68	<=27.99	Pass
		5825	/	/	1.05	0.87	3.86	<=27.99	Pass
802.11ac (VHT40)	MIMO	5755	/	/	-1.75	-1.93	0.98	<=27.99	Pass
		5795	/	/	-1.90	-2.02	1.05	<=27.99	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-5.38	-5.57	-2.46	<=27.99	Pass

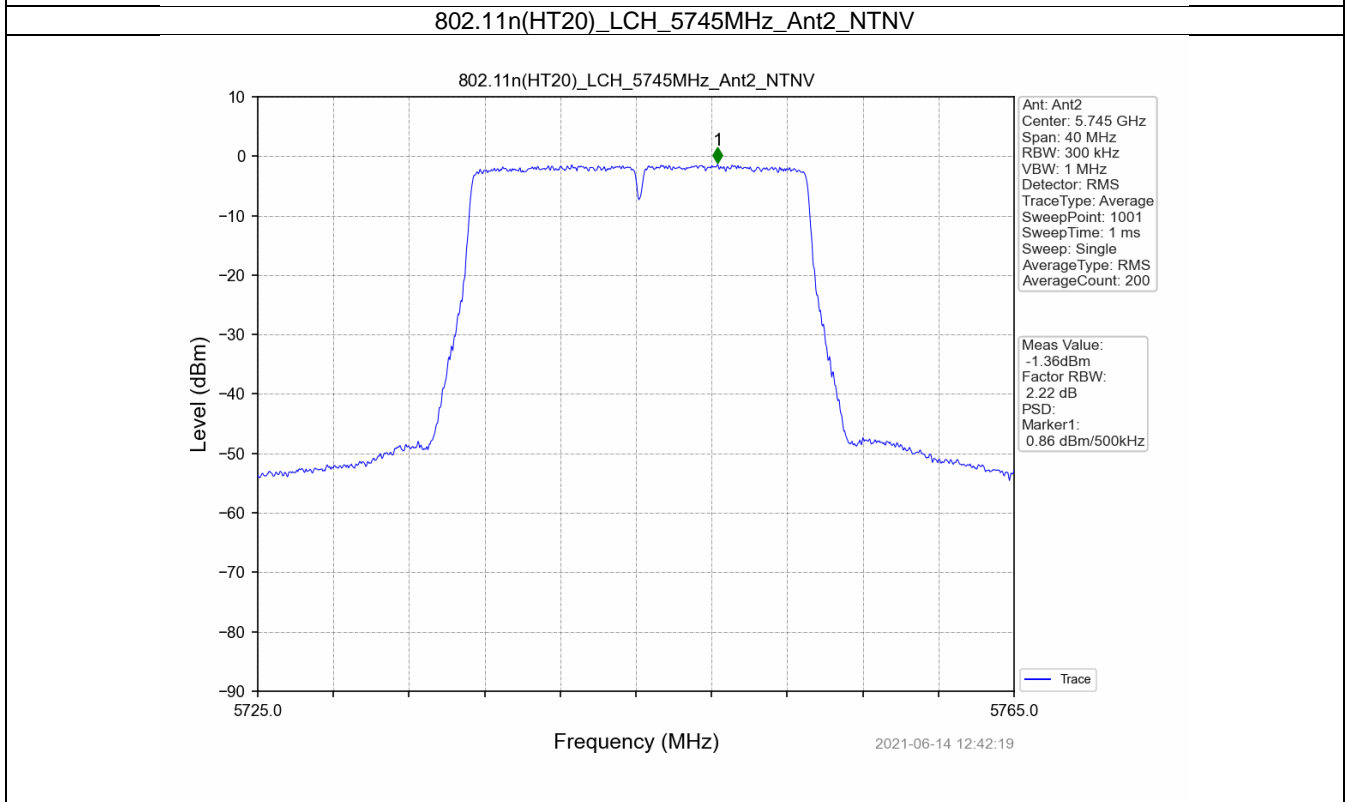
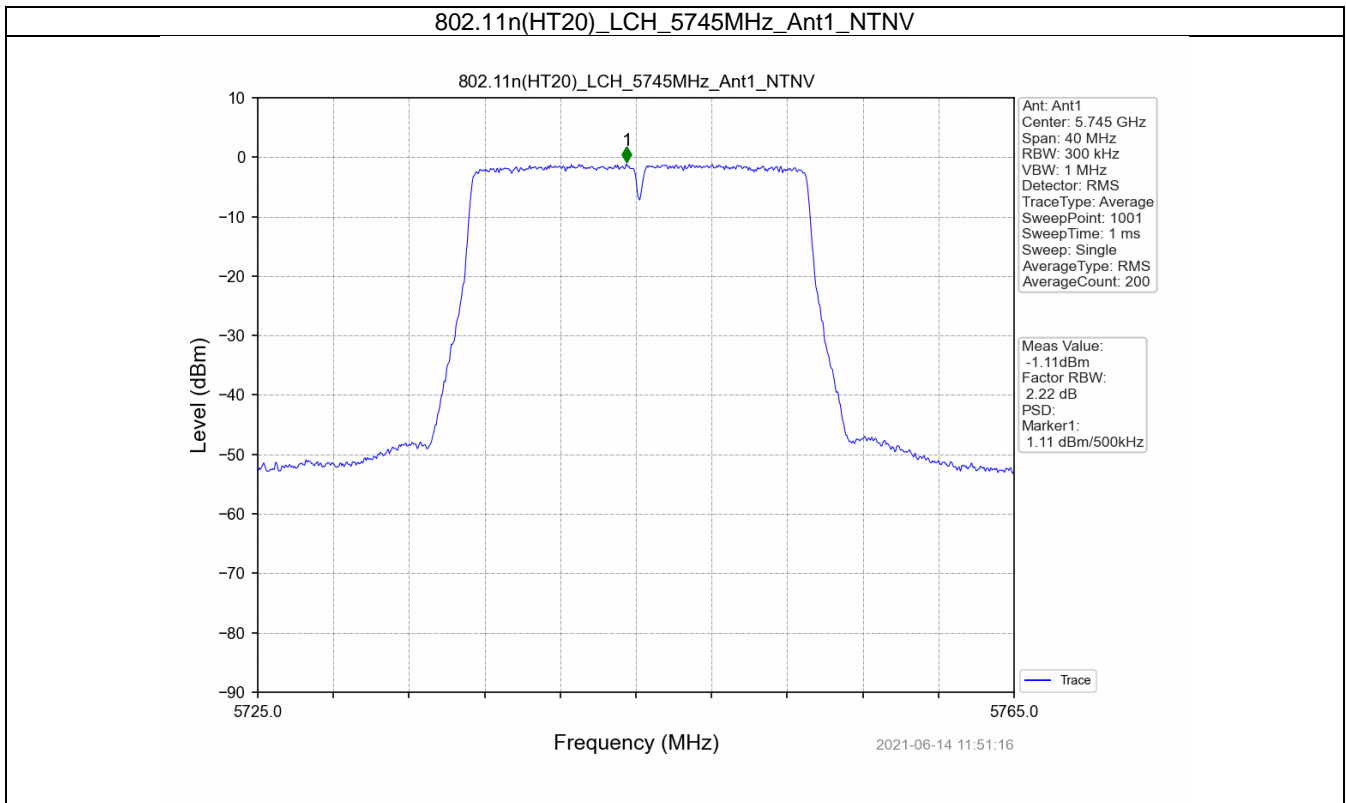
Note1: Antenna Gain: 1: 5.00dBi; 2: 5.00dBi;

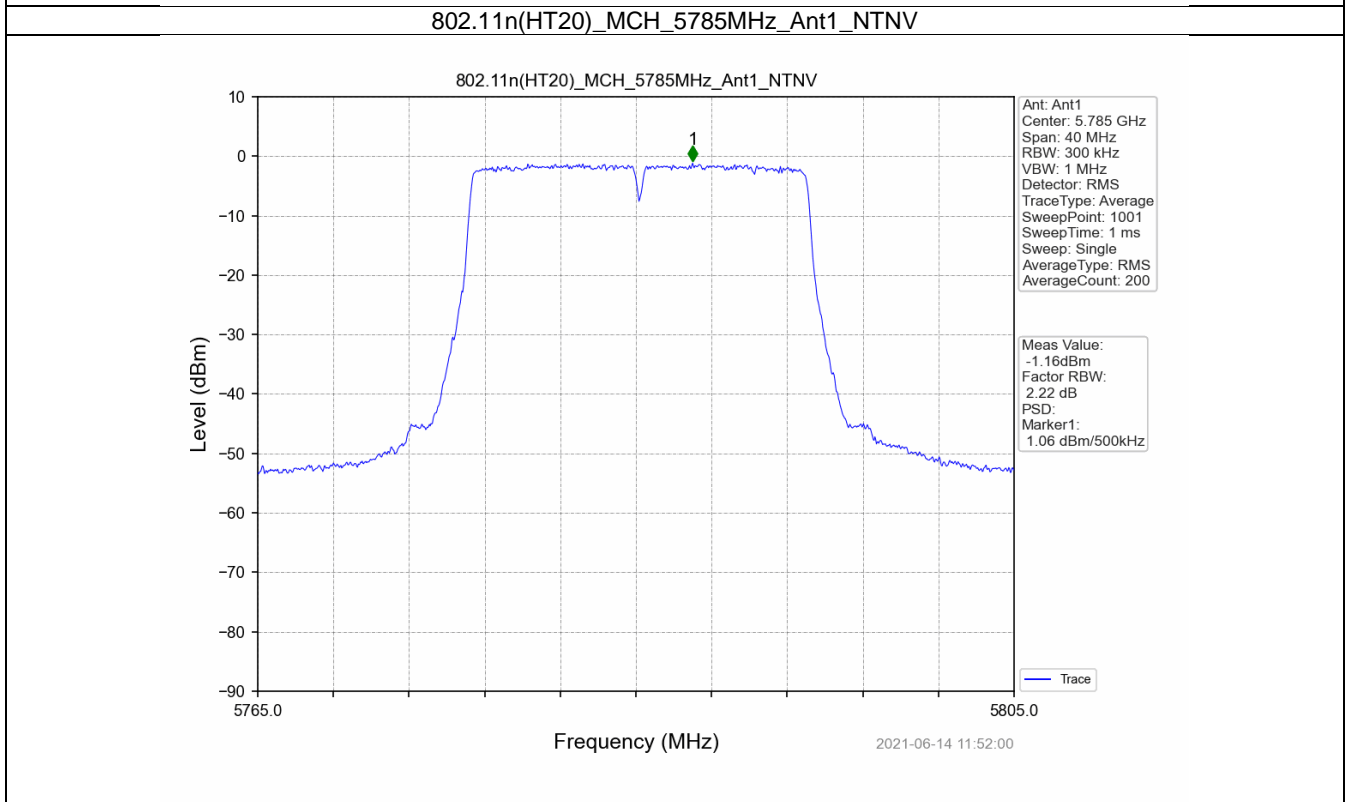
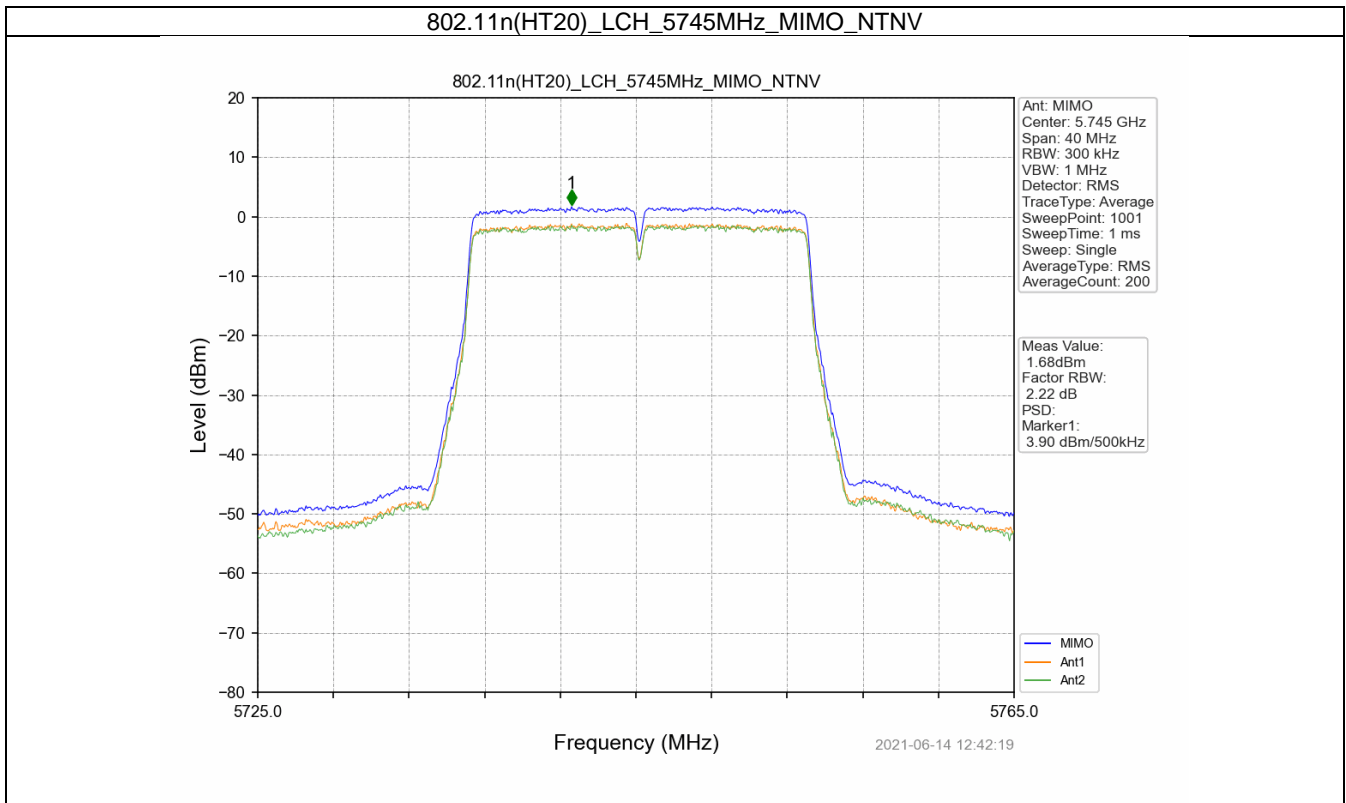
4.2.2 Test Graph



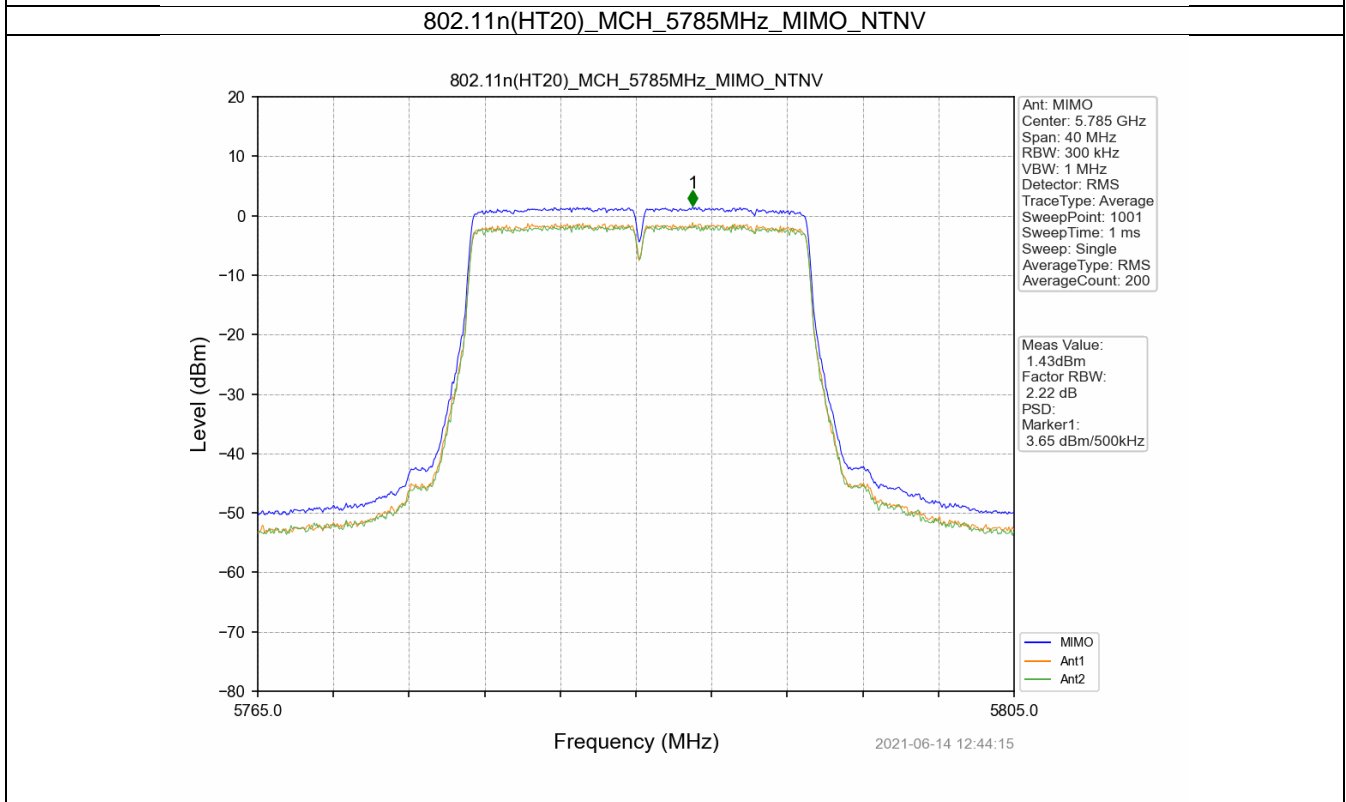
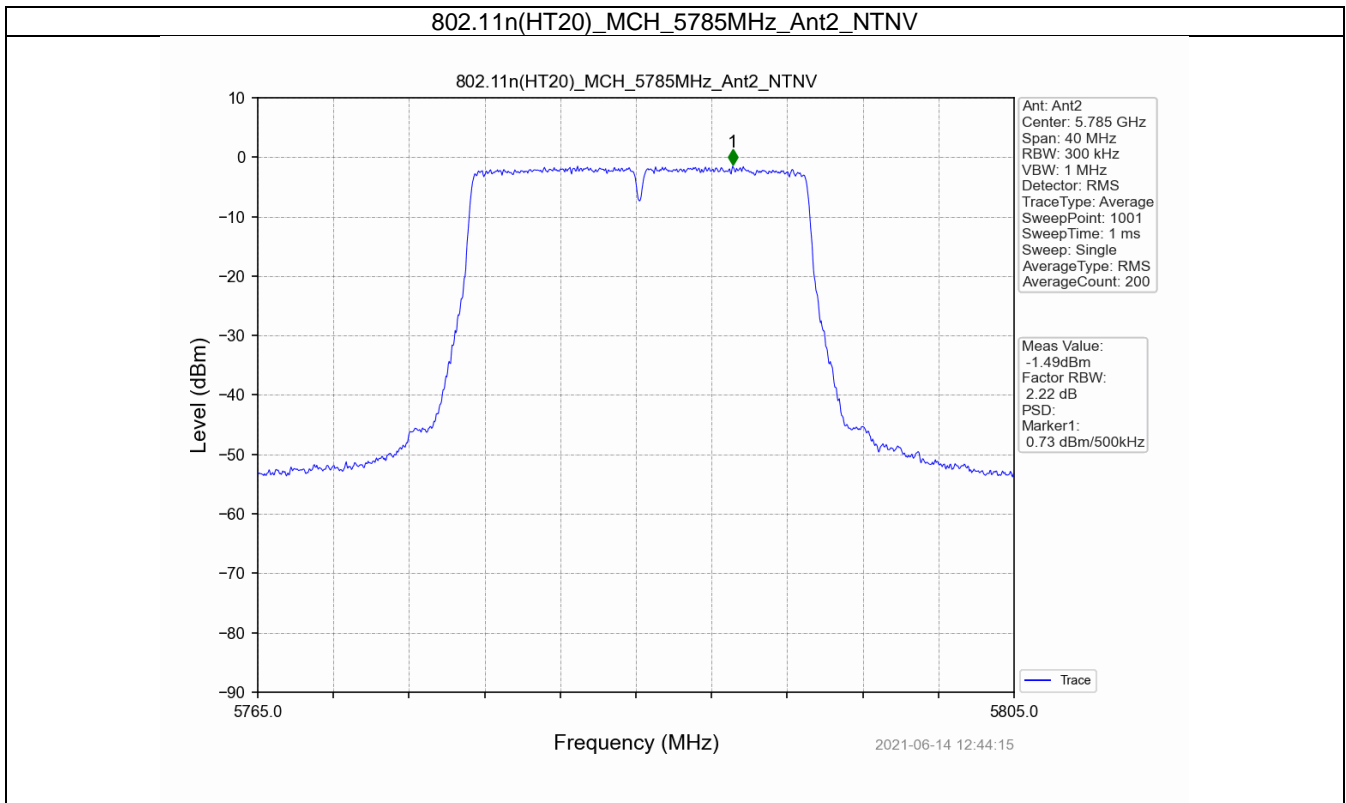


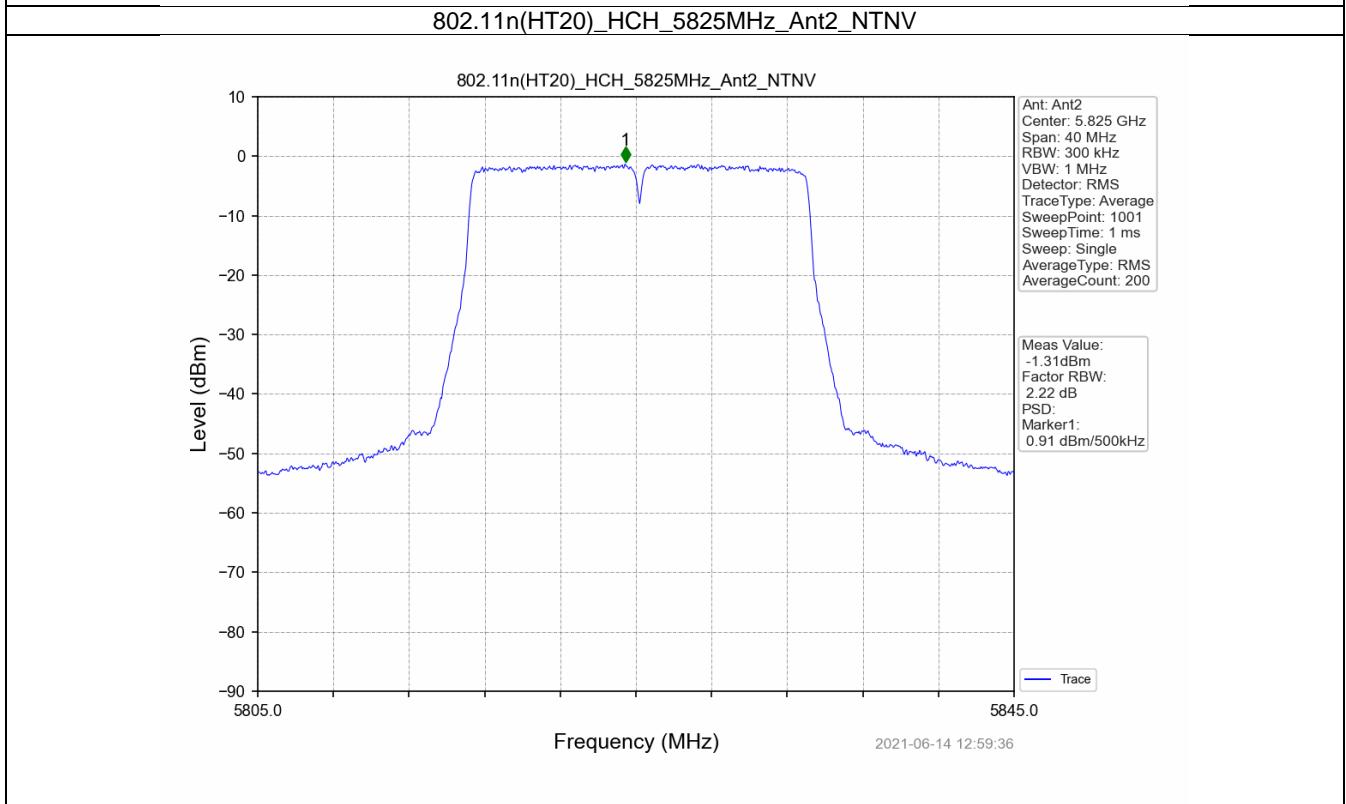
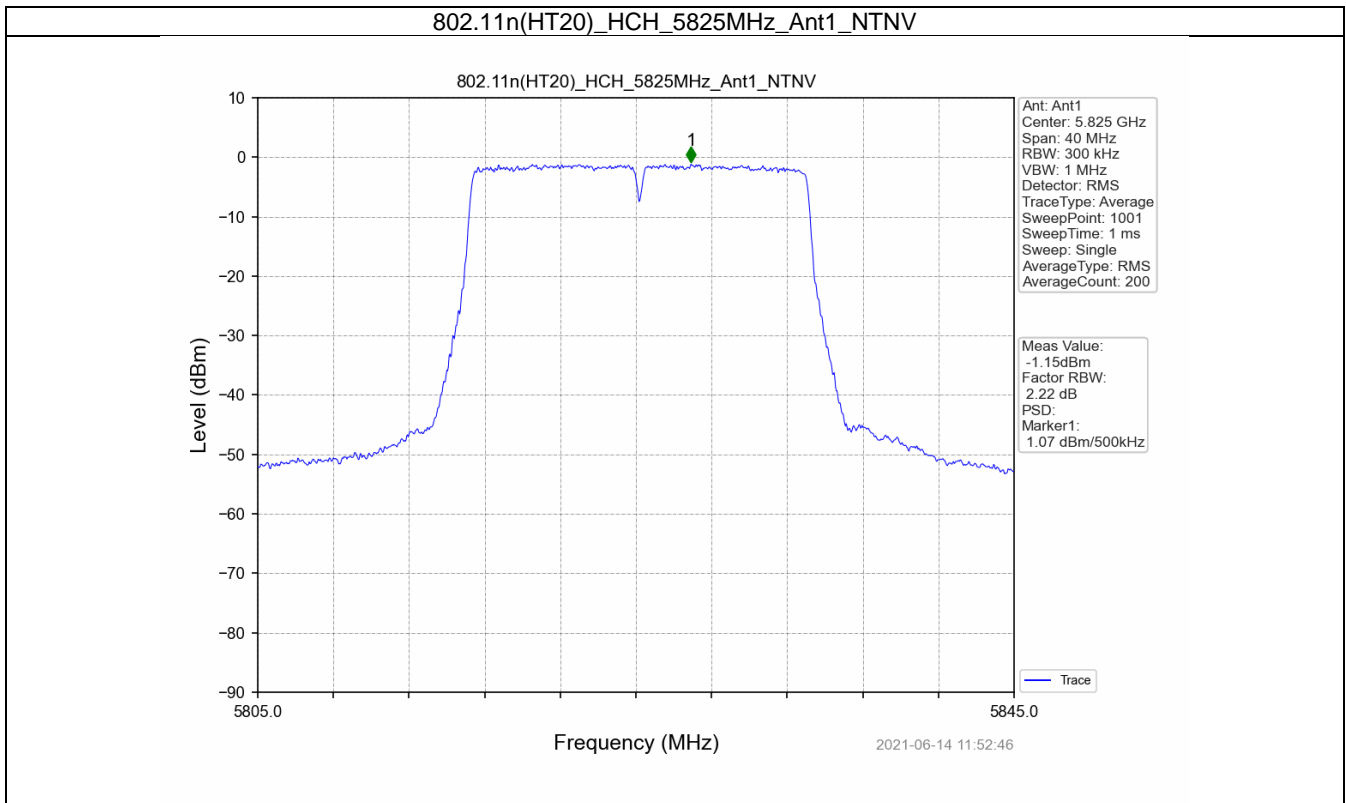


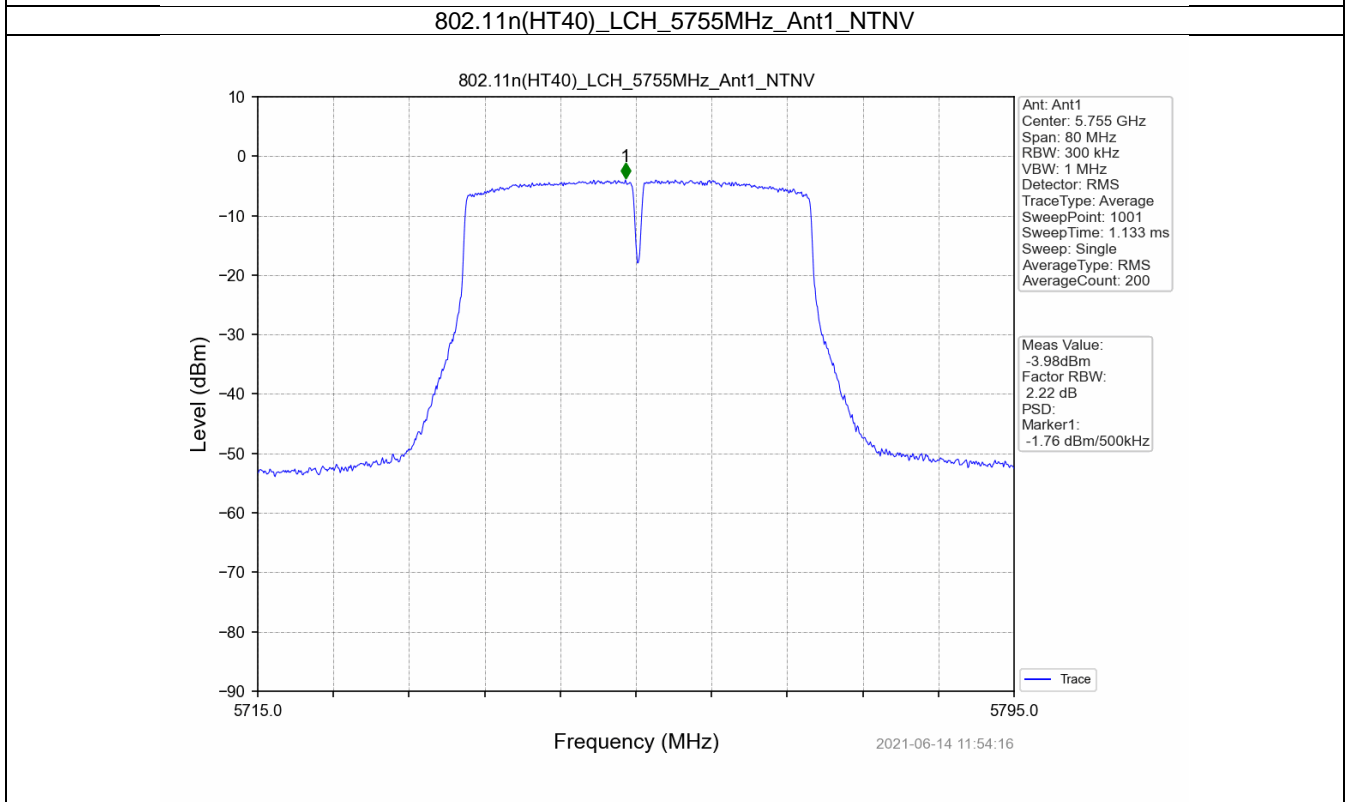
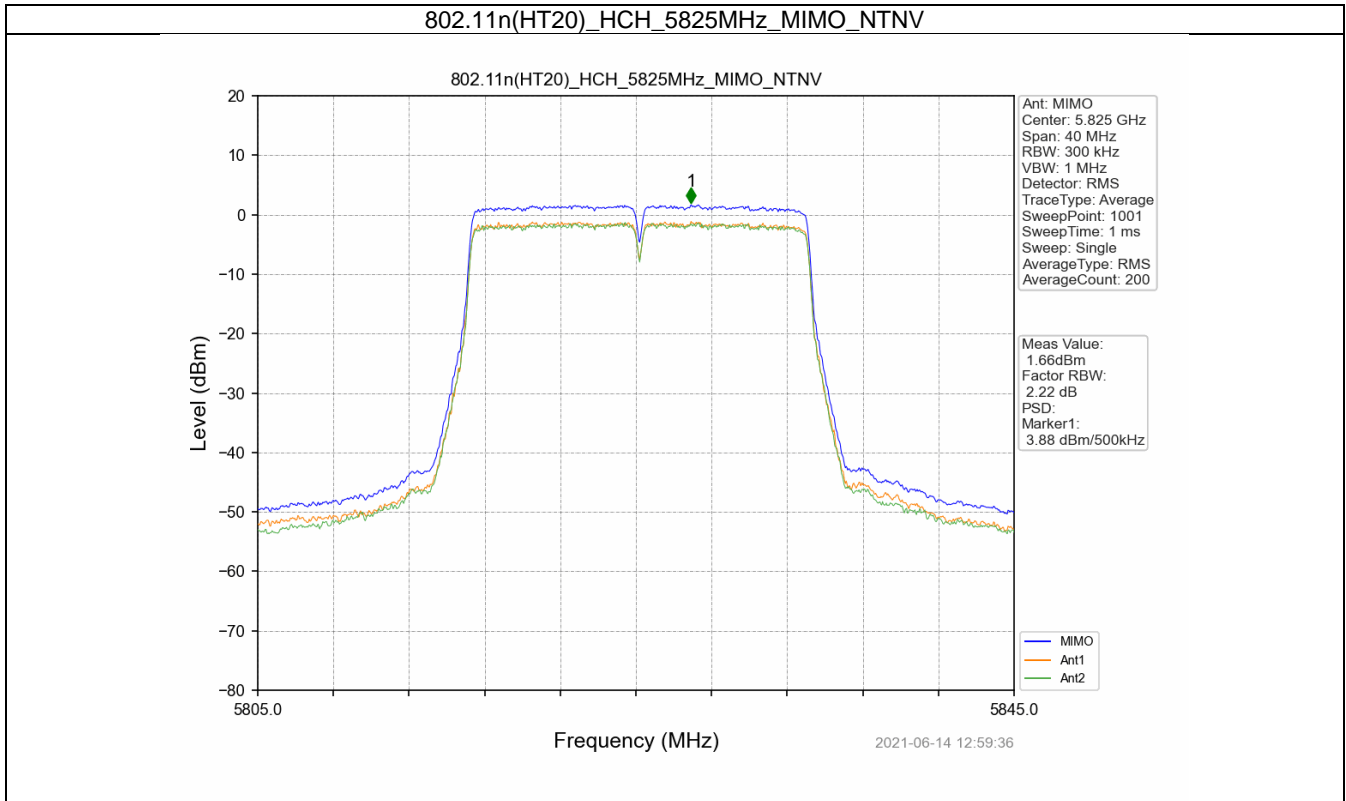


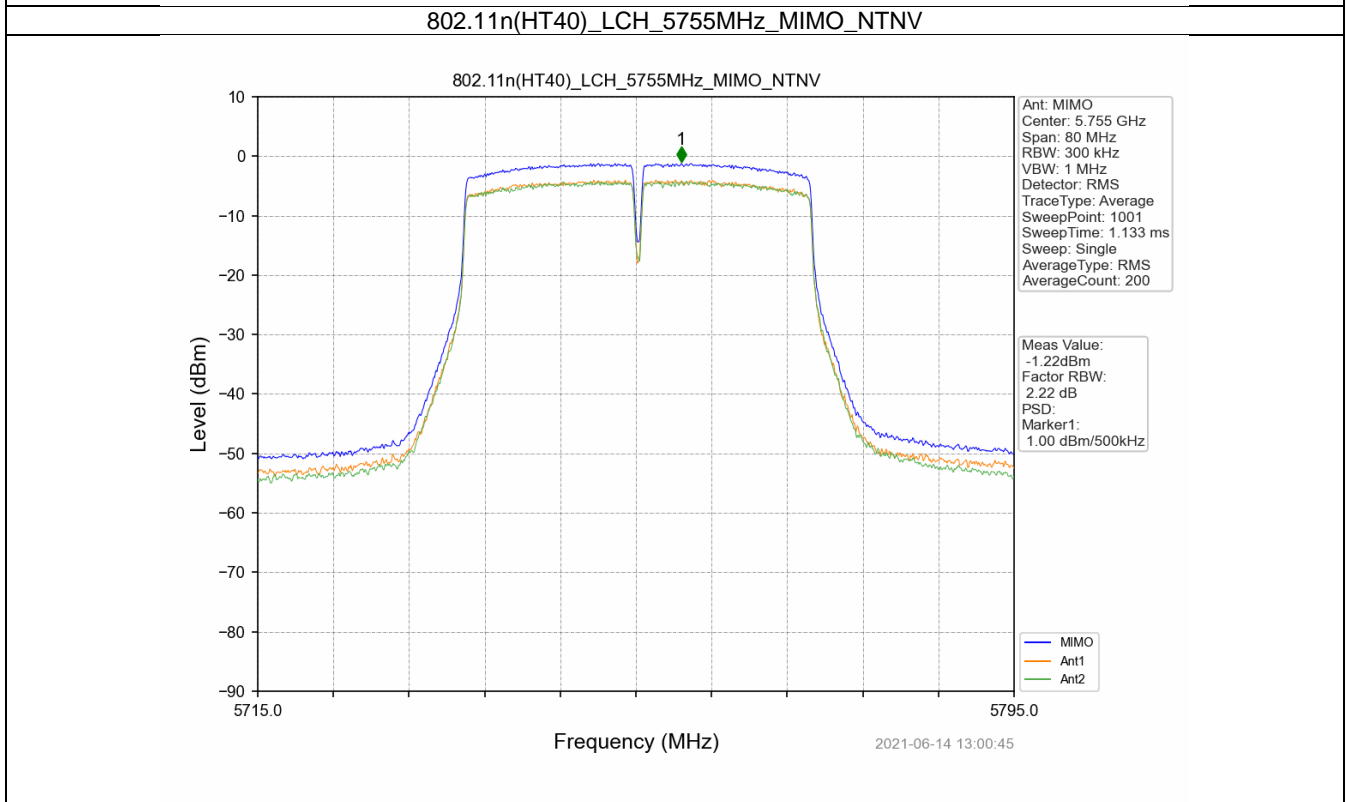
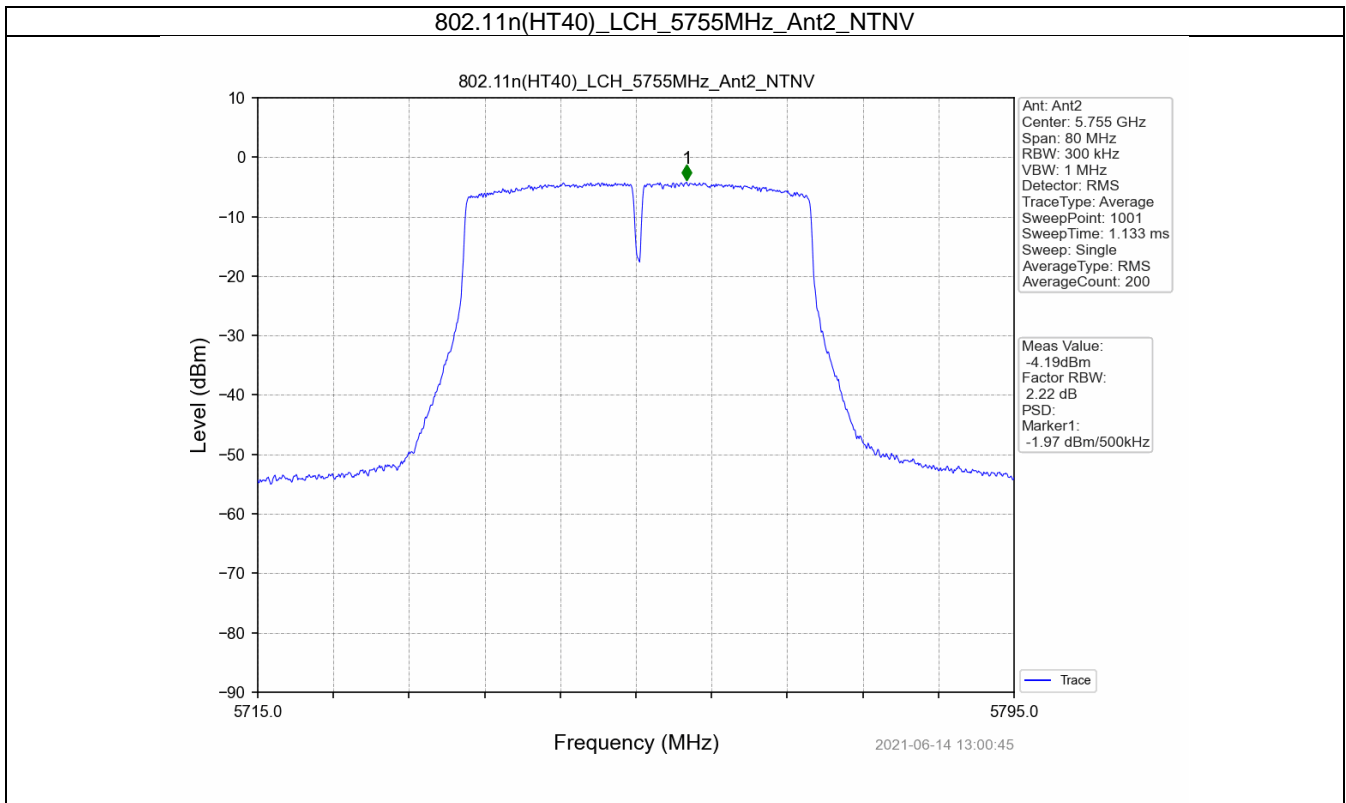


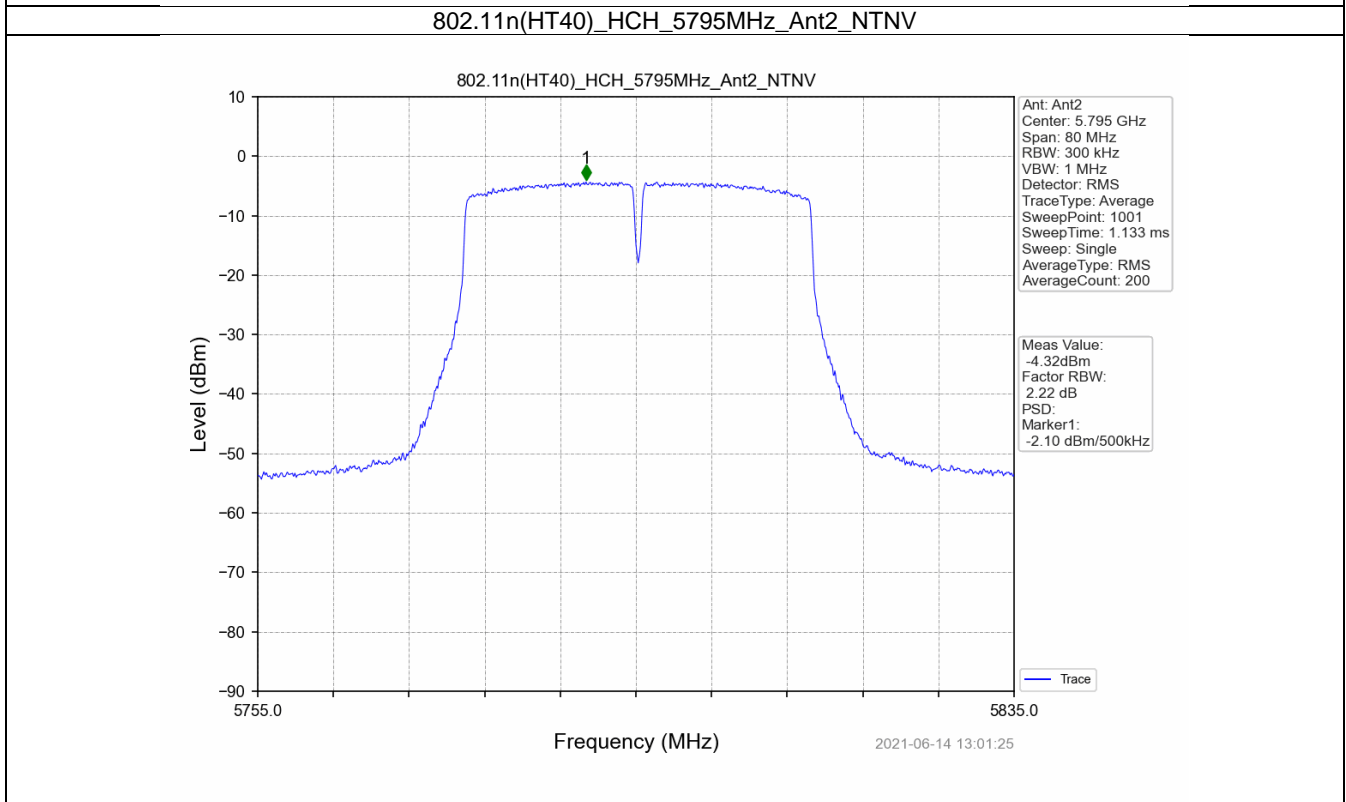
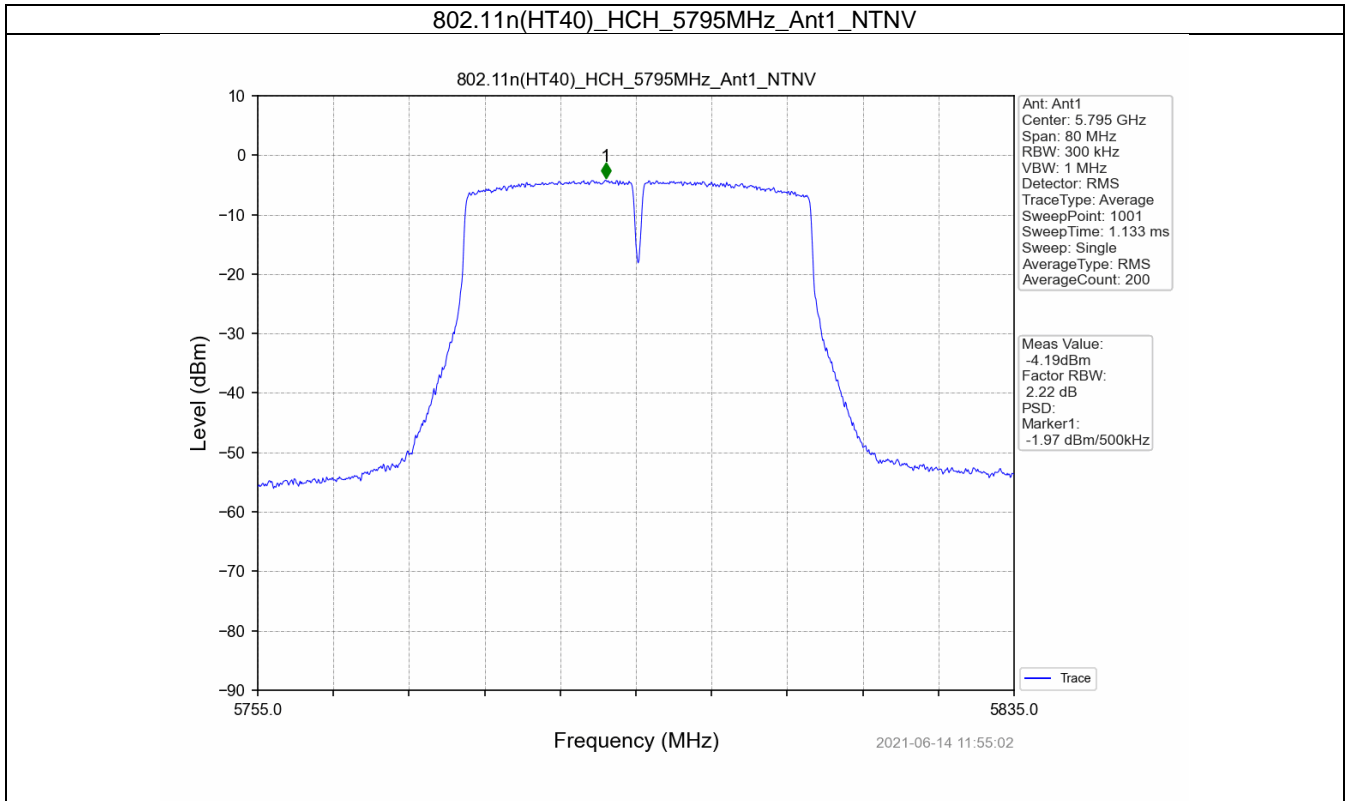


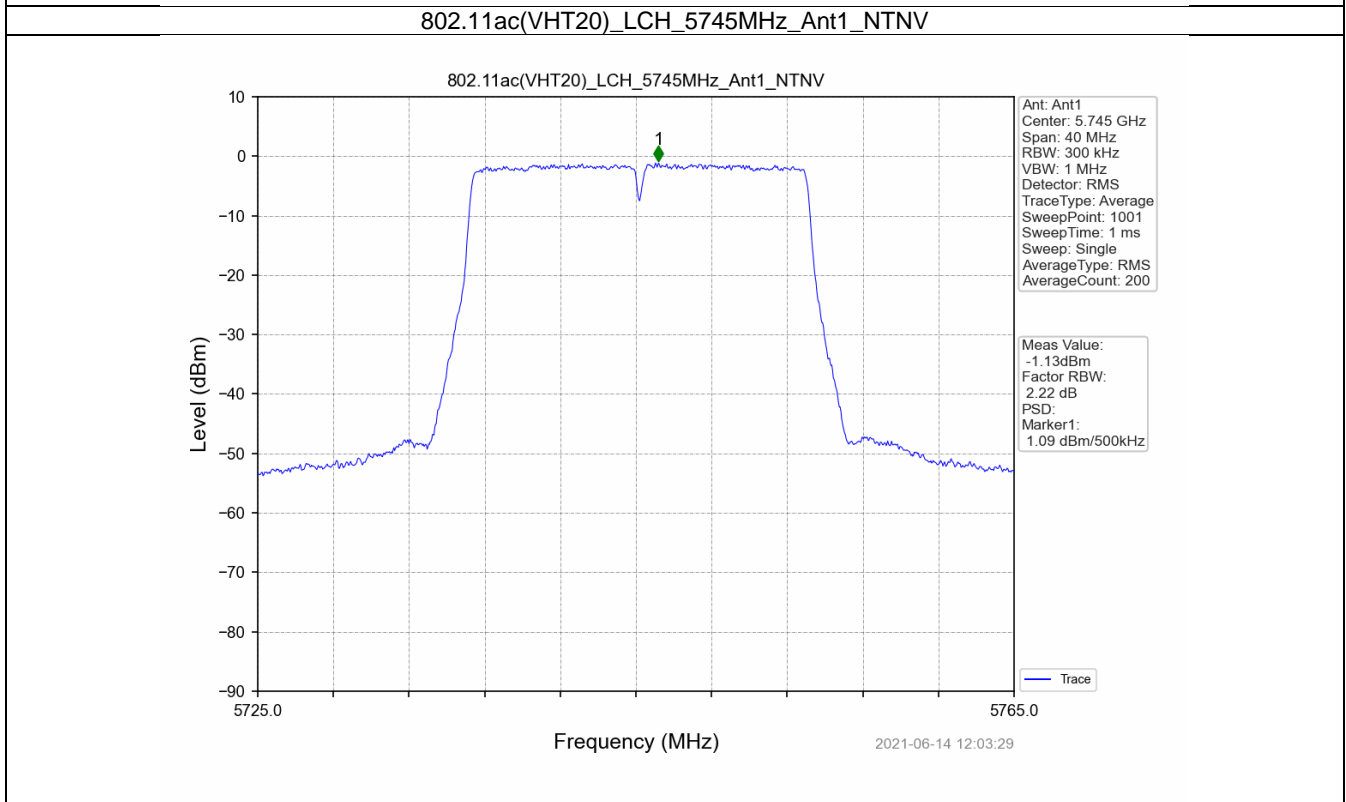
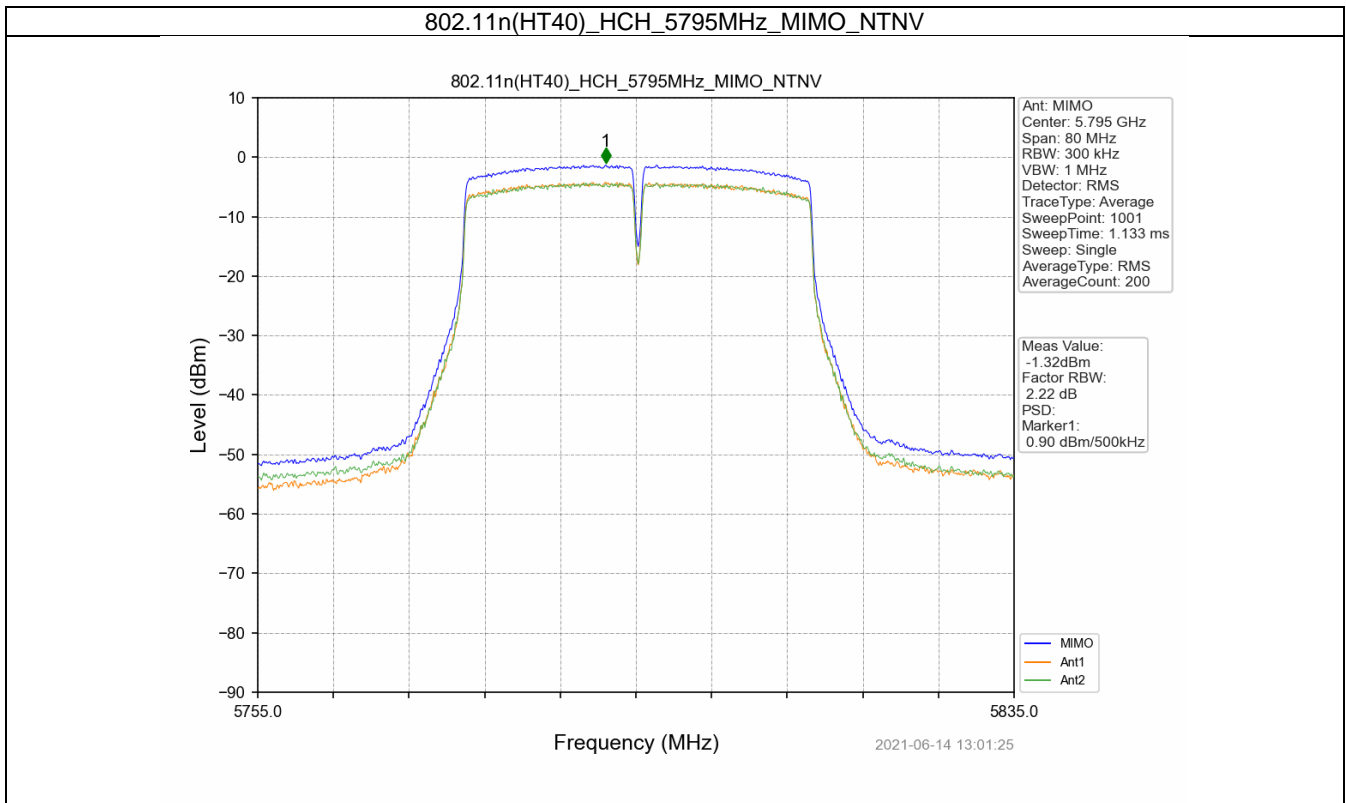


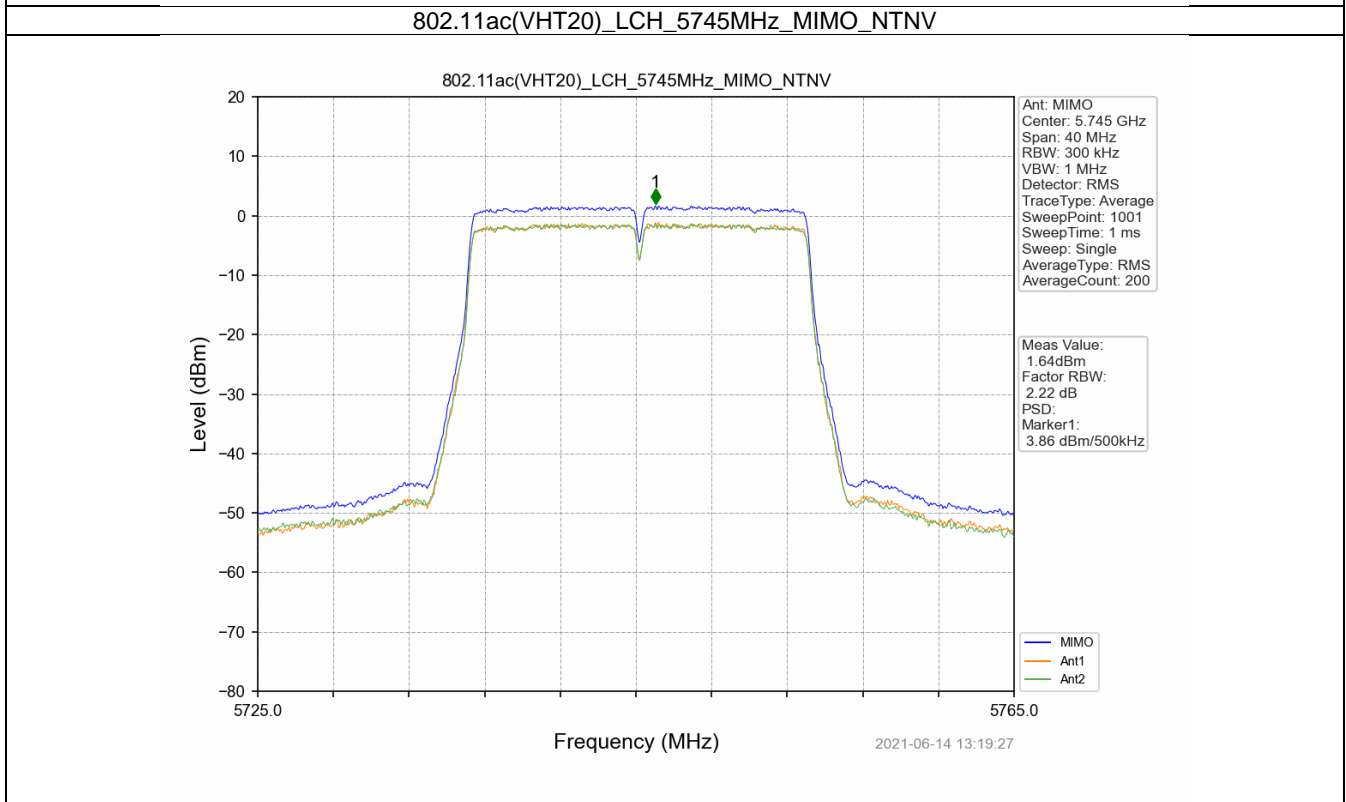
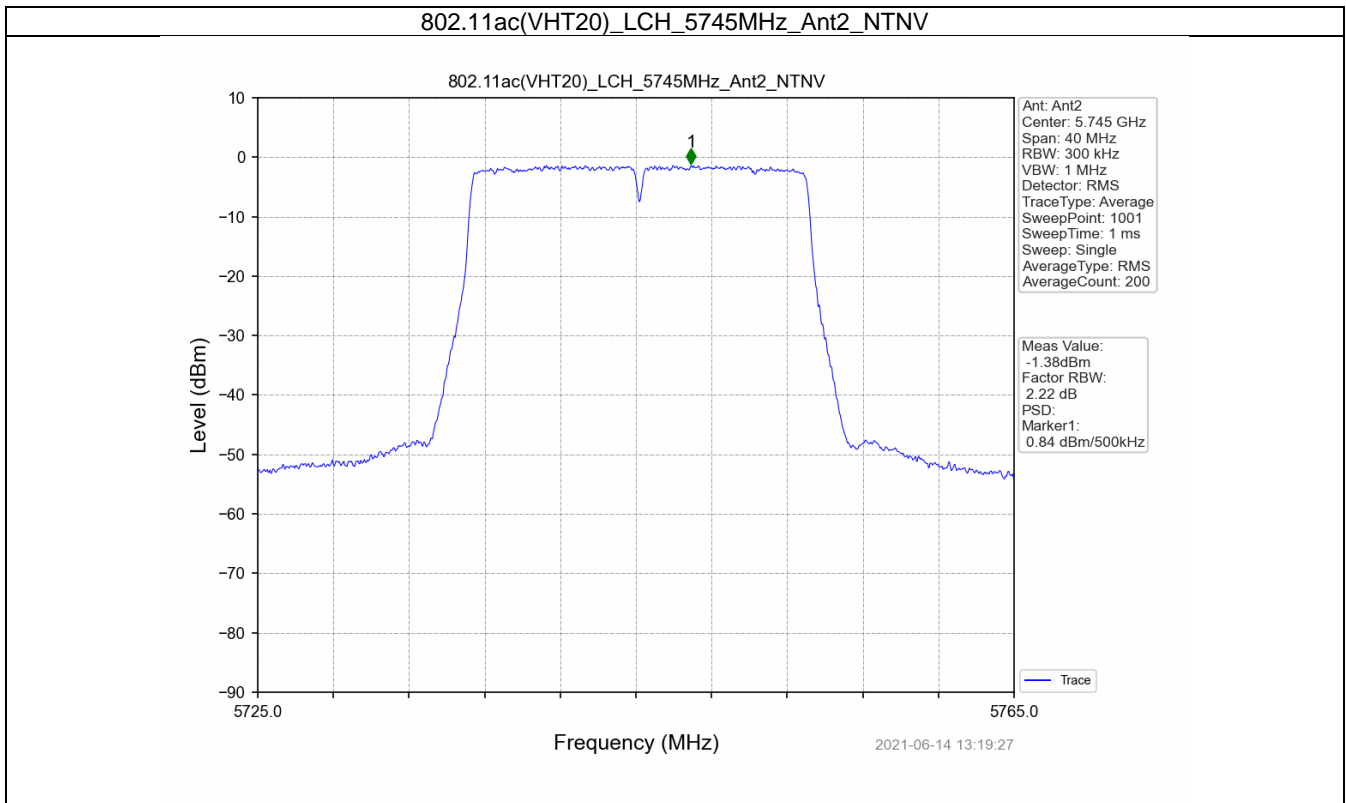


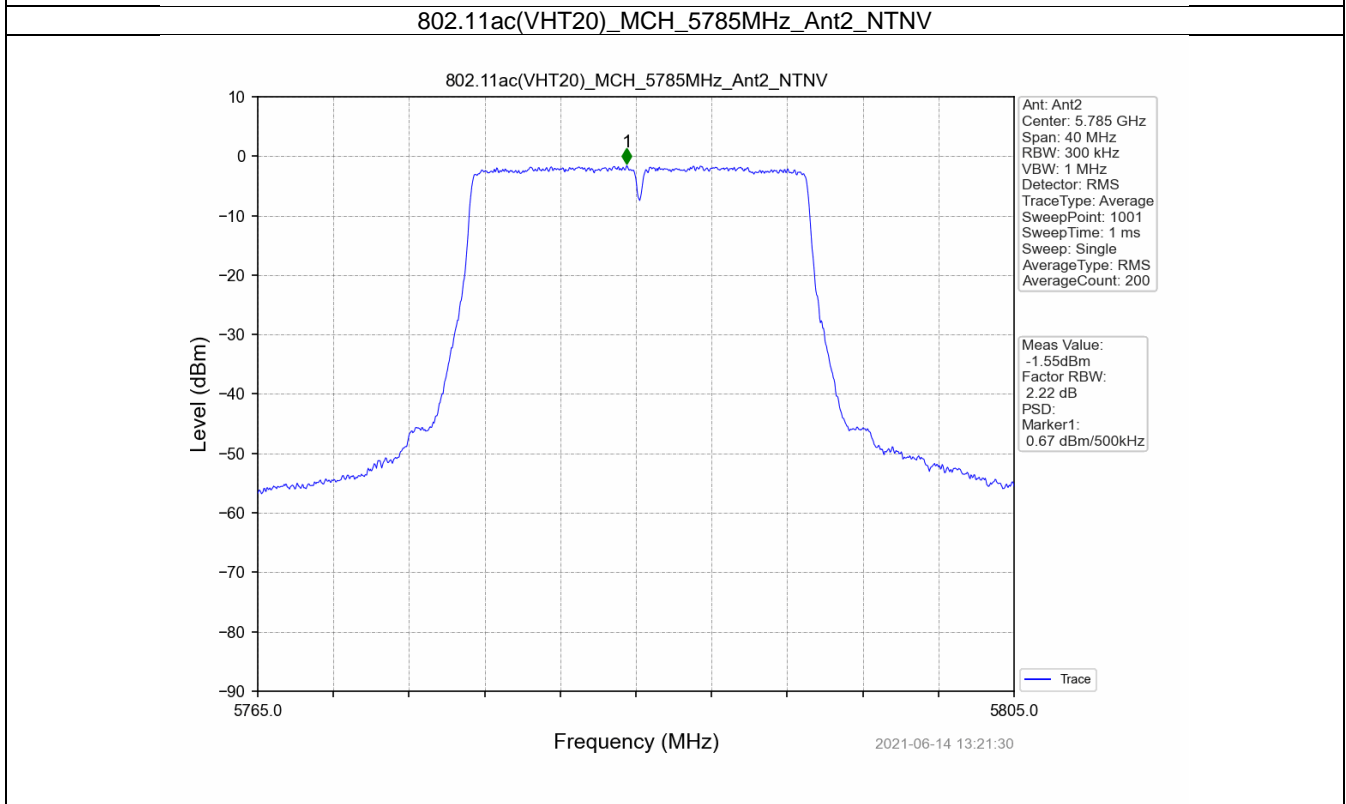
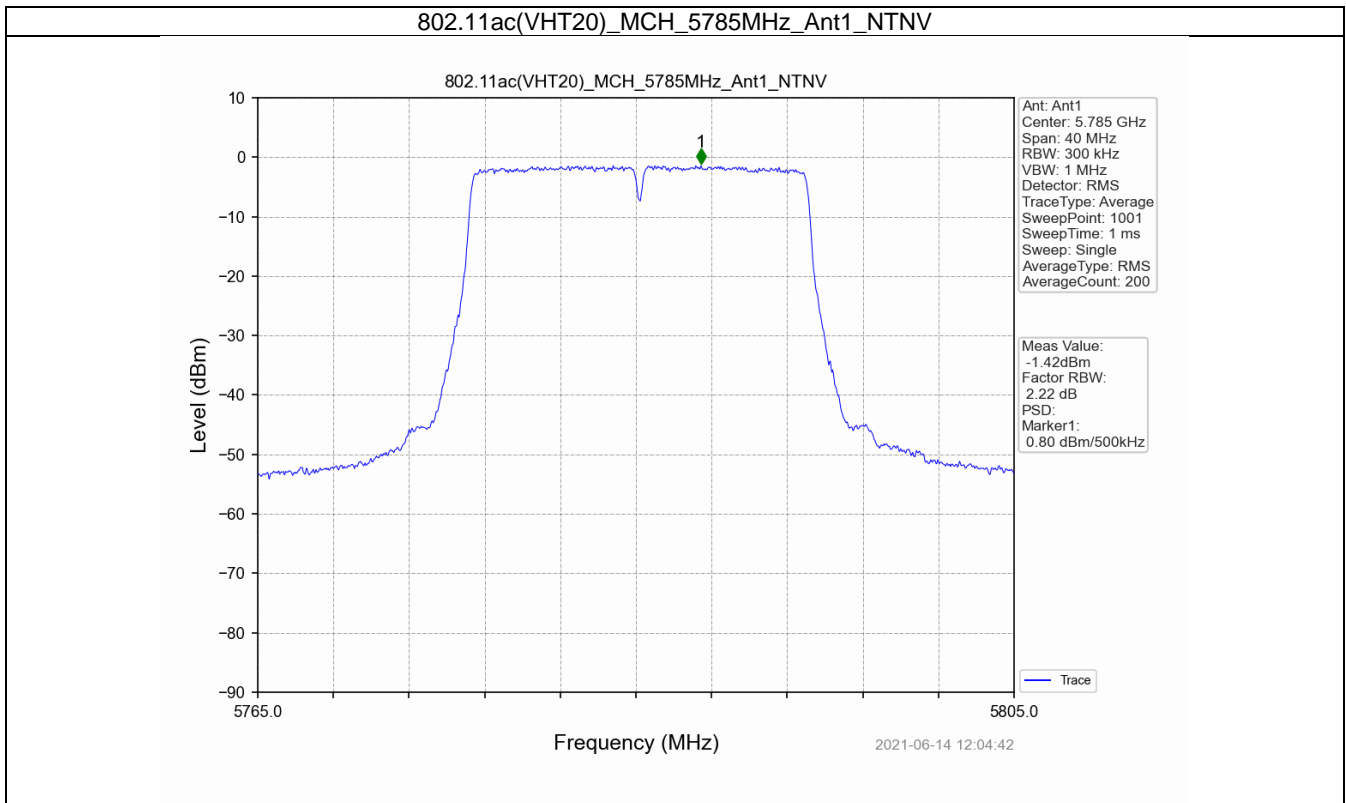




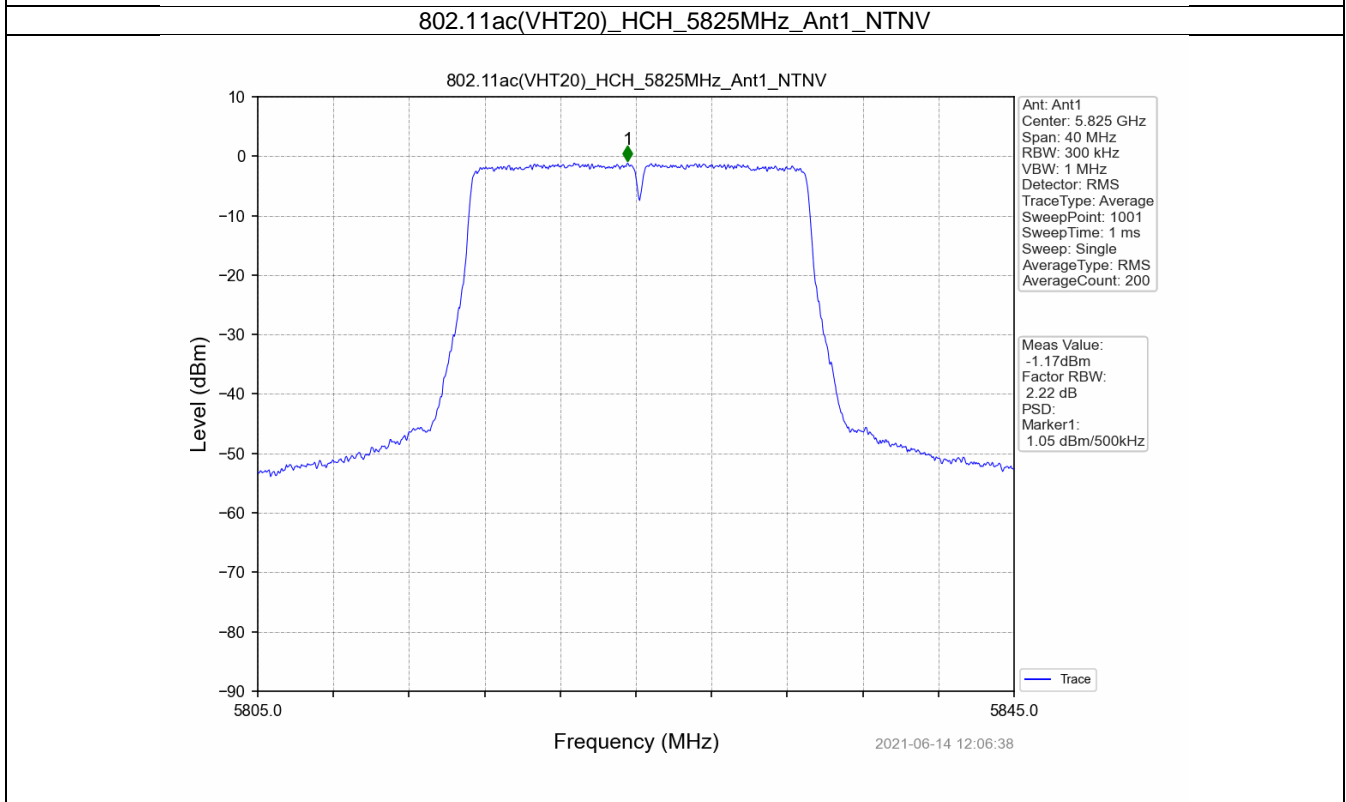
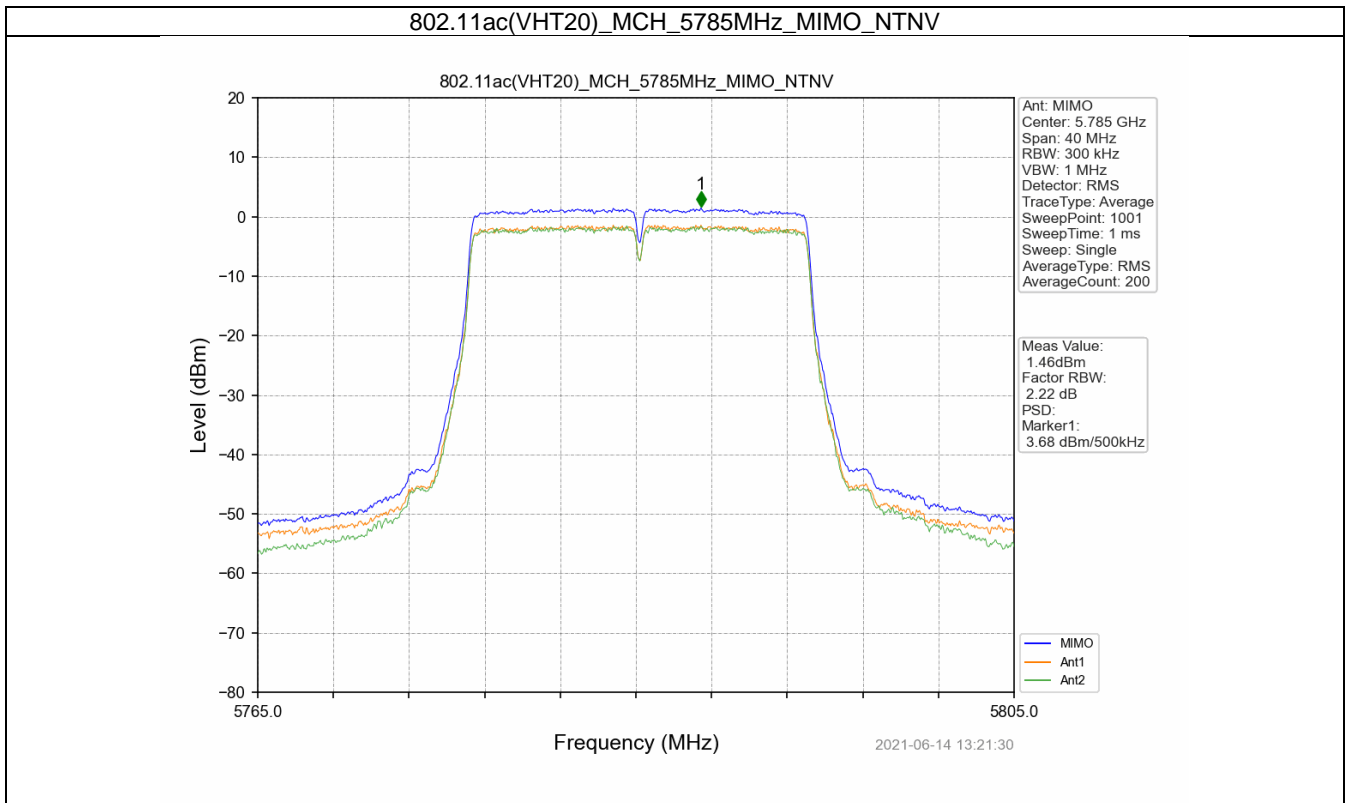


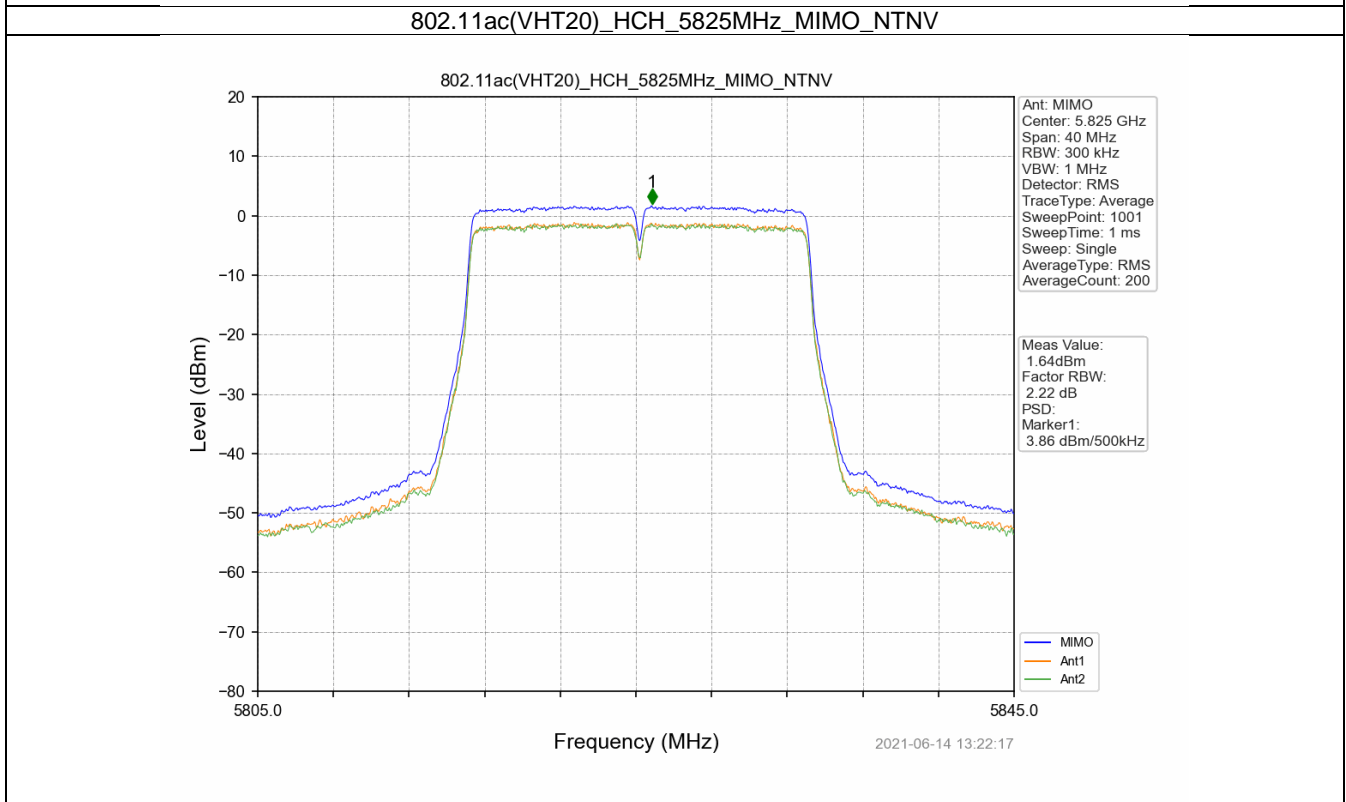
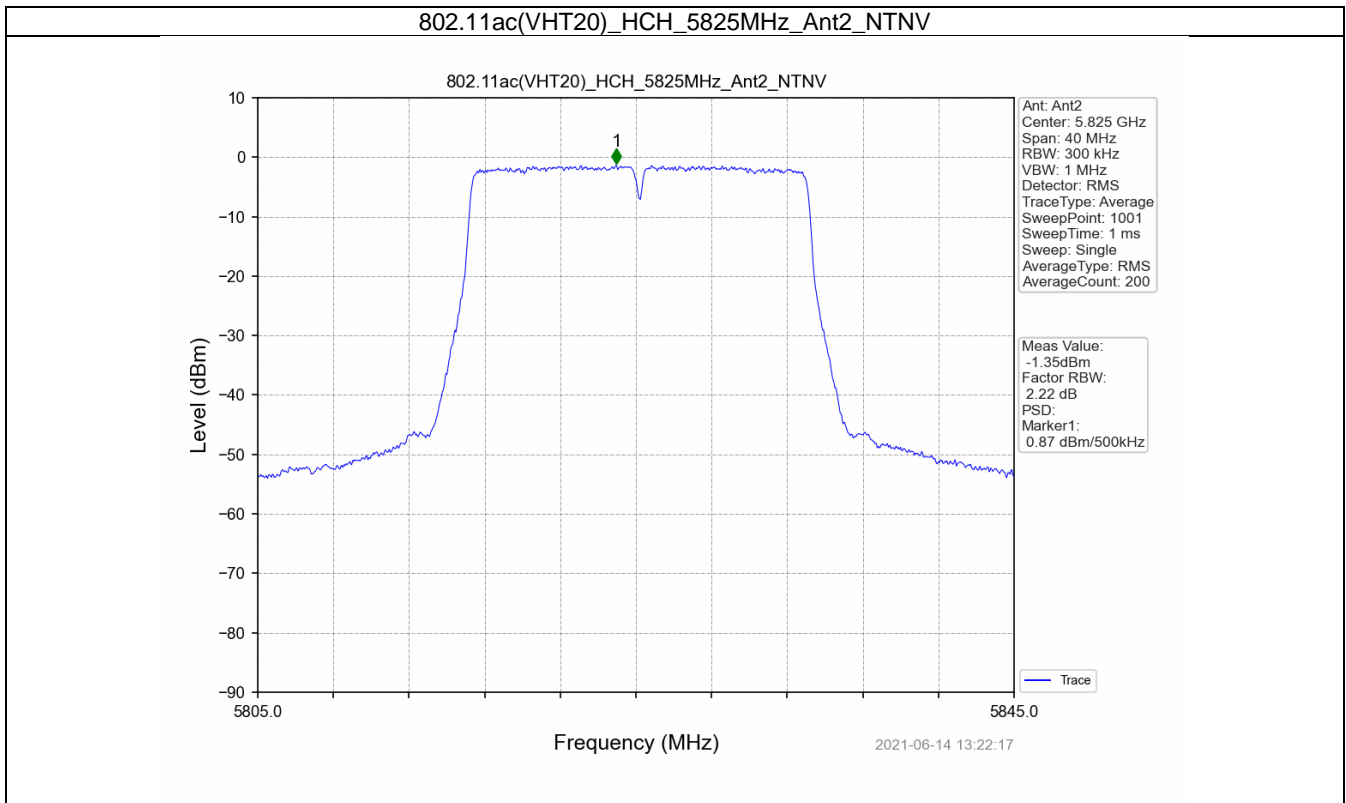


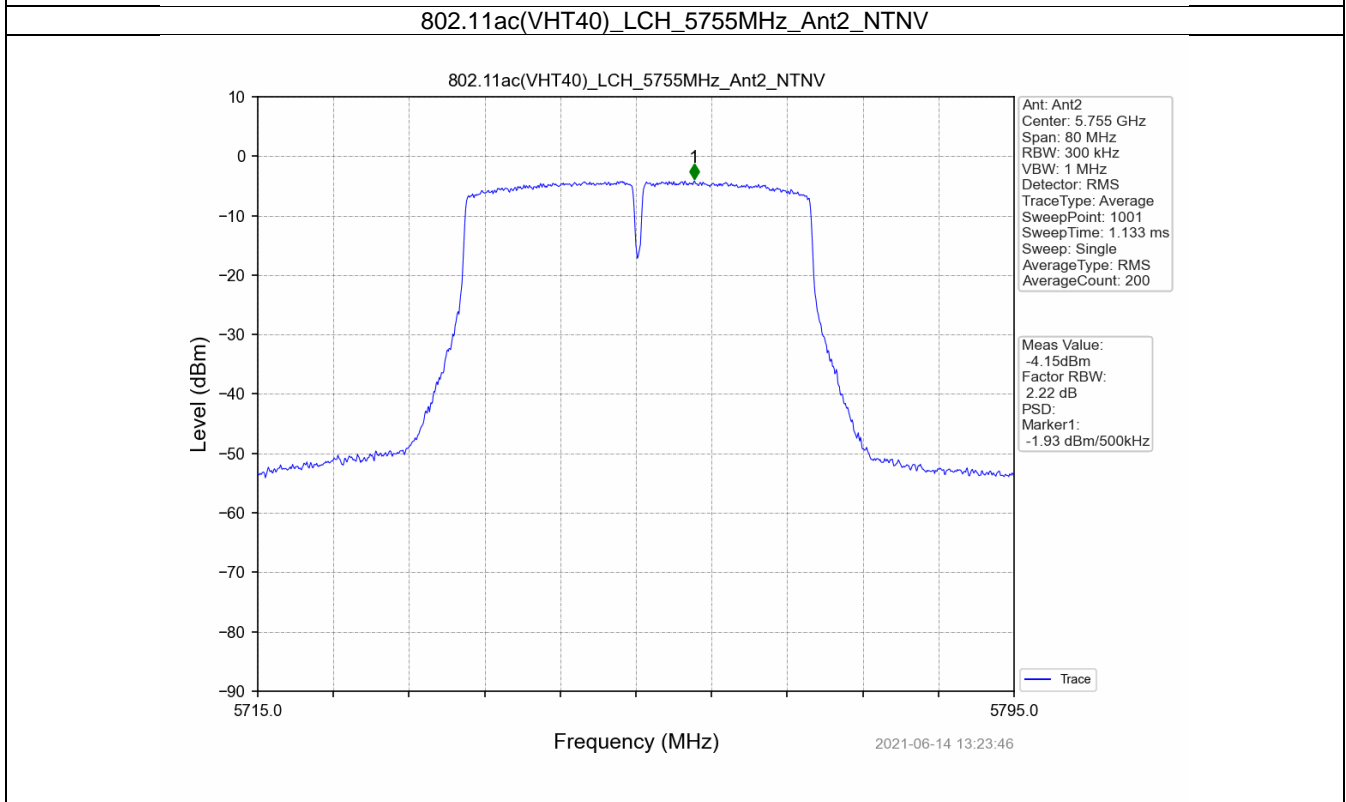
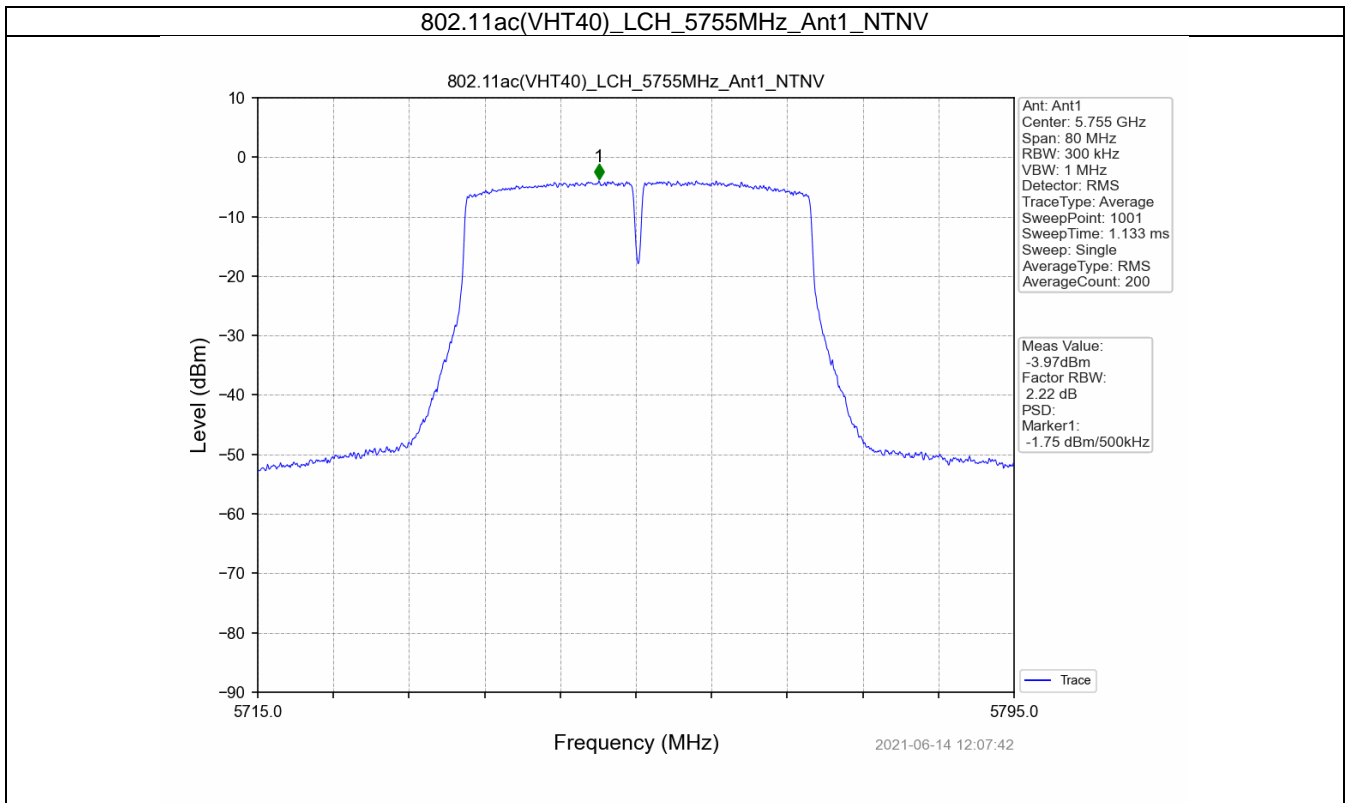


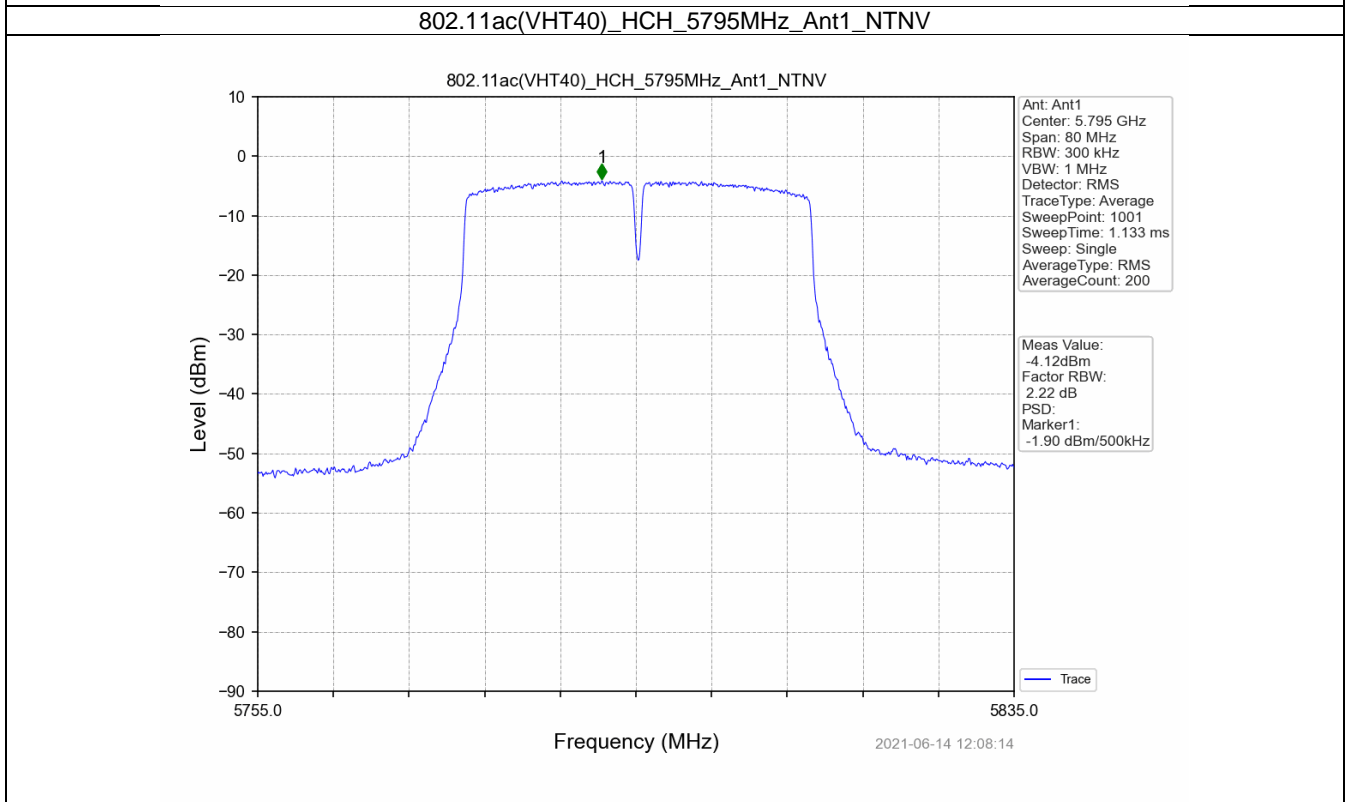
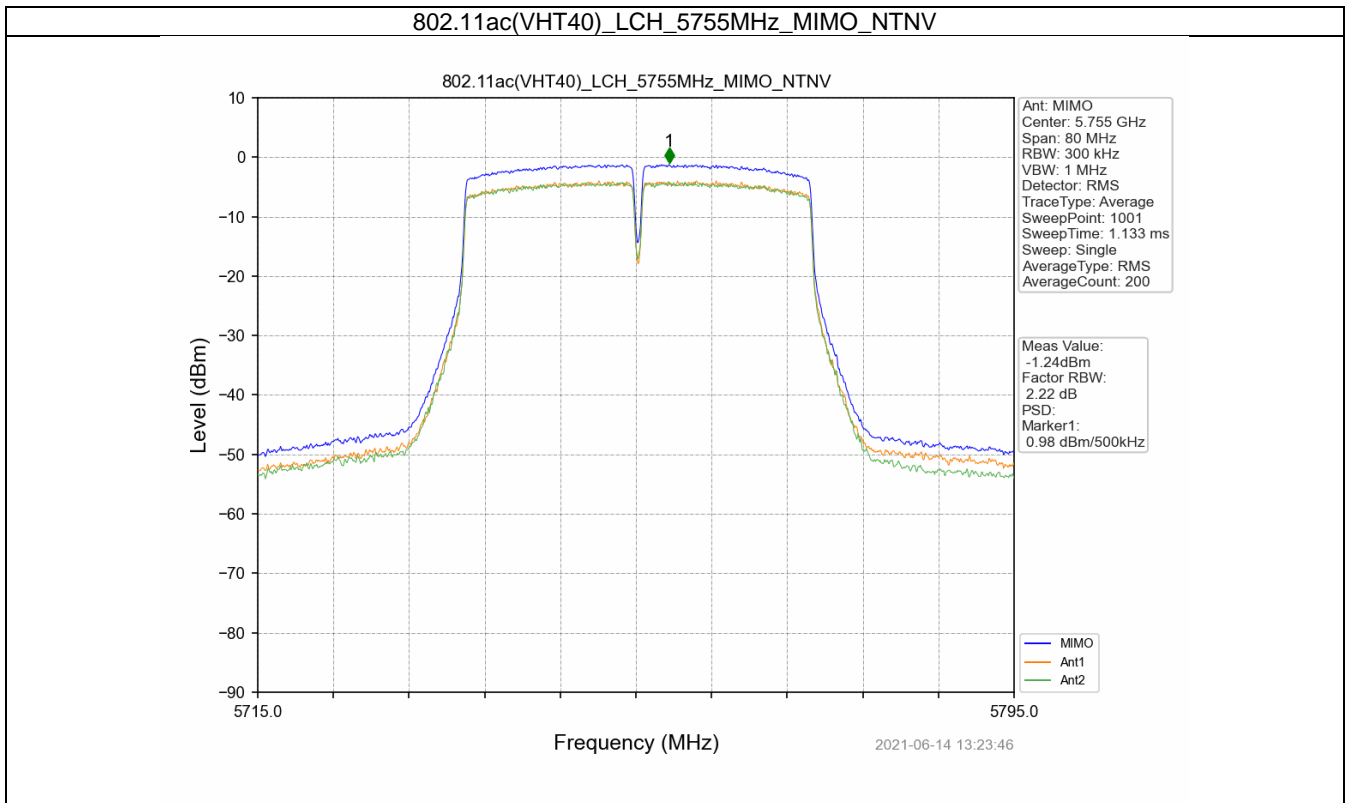


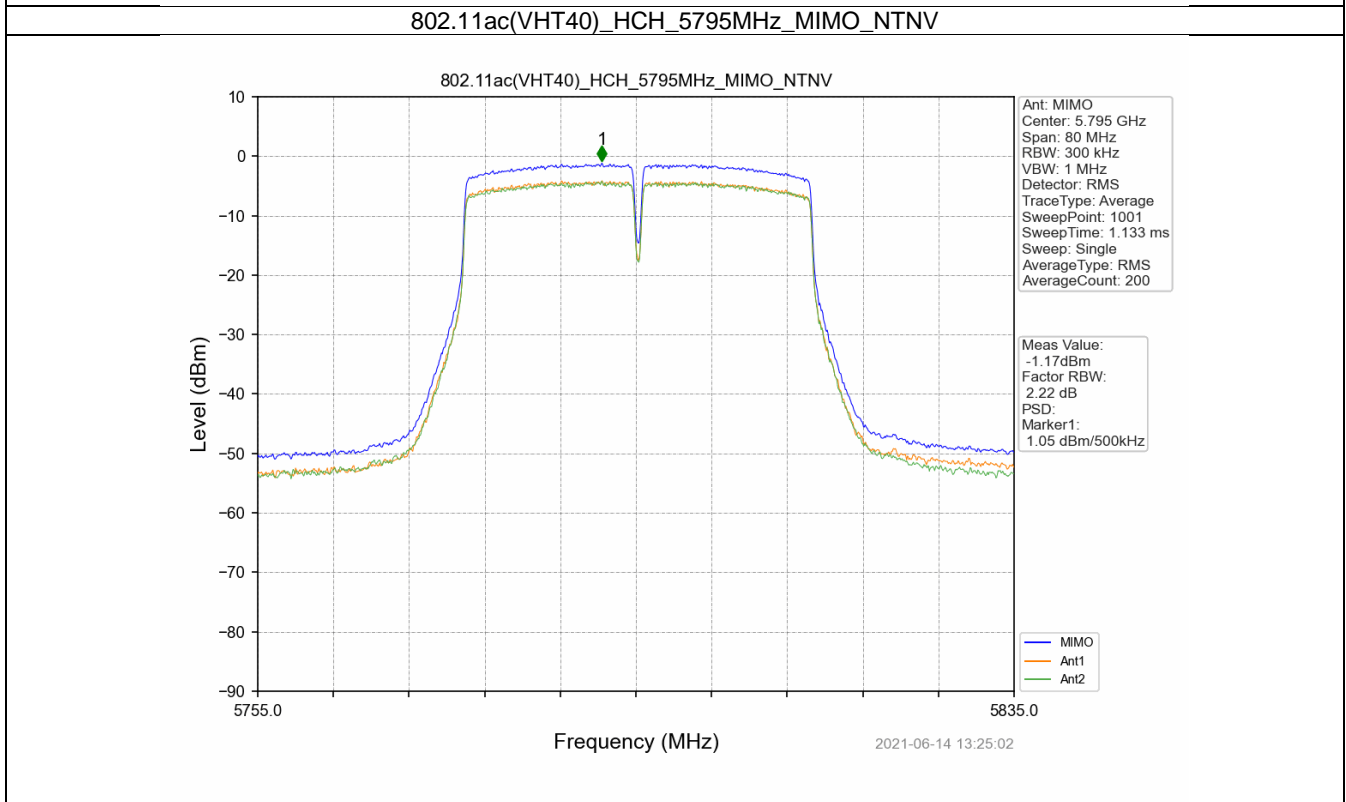
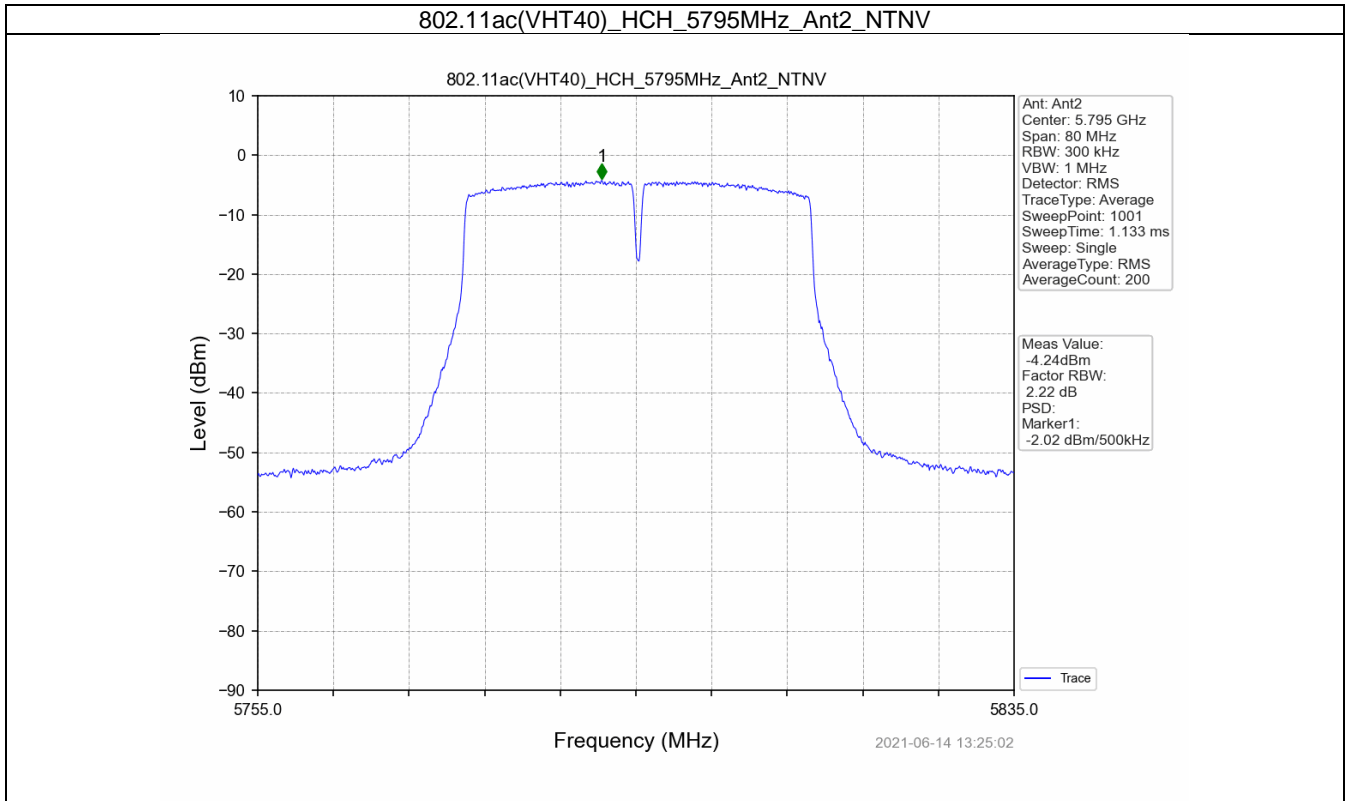


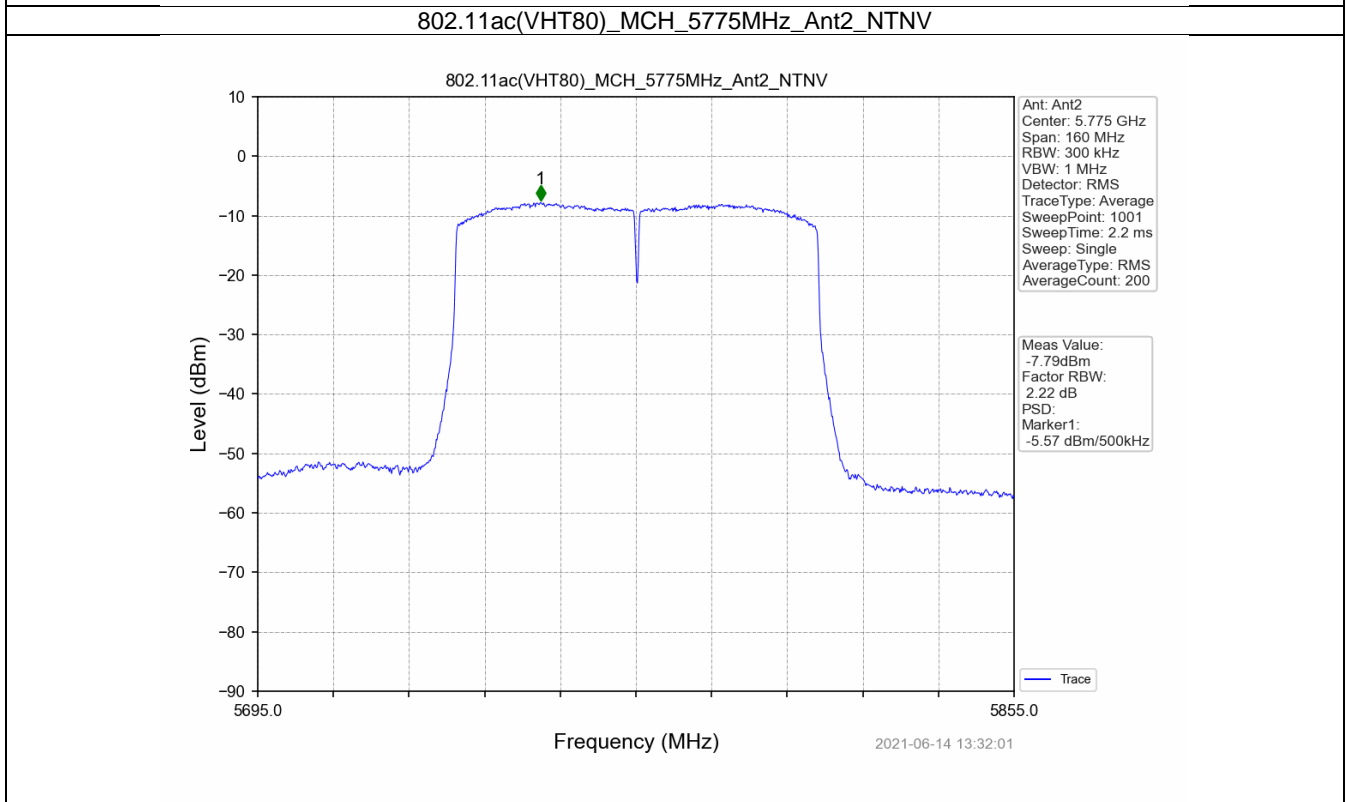
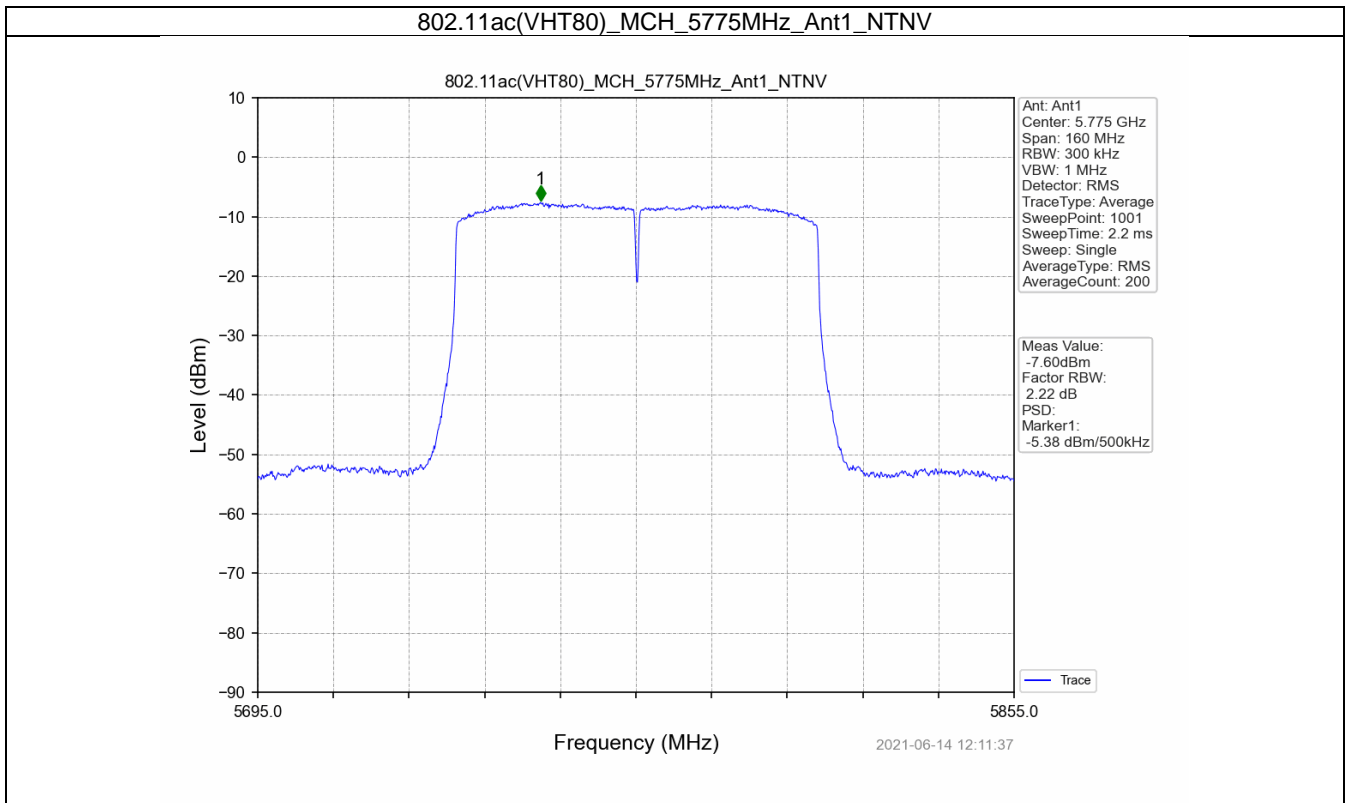


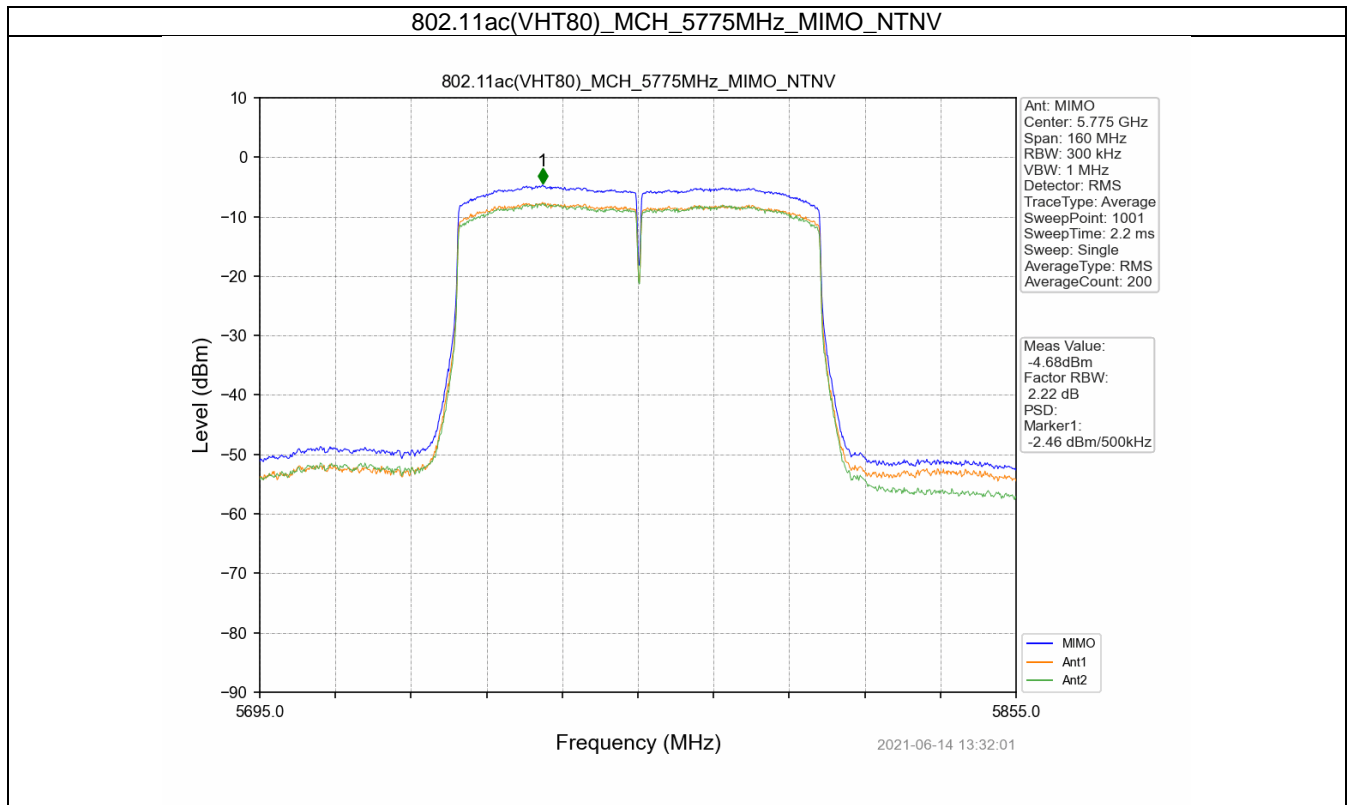












## 5. Frequency Stability

### 5.1 Test Result

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result	
	Volt (V AC)	Temp (°C)						
Band UN-II 1	Normal(120)	Extreme(0)	5180	5180.0687	0.0687	5.150-5.250	Pass	
		Extreme(+10)		5180.0498	0.0498		Pass	
		Extreme(+20)		5180.0017	0.0017		Pass	
		Extreme(+30)		5180.0658	0.0658		Pass	
		Extreme(+40)		5180.0545	0.0545		Pass	
	Extreme(108)	Norma(+20)	5180.0244	0.0244	Pass			
	Extreme(132)		5180.0823	0.0823	Pass			
	Normal(120)			5240	5240.0974		0.0974	Pass
					5240.0914		0.0914	Pass
					5240.0601		0.0601	Pass
					5240.0763		0.0763	Pass
					5240.0199		0.0199	Pass
	Extreme(108)	Norma(20)	5240.0465	0.0465	Pass			
	Extreme(132)		5240.0900	0.0900	Pass			
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result	
	Volt (V AC)	Temp (°C)						
Band UN-II 3	Normal(120)		5745	5745.0363	0.0363	5.725-5.850	Pass	
				5745.0056	0.0056		Pass	
				5745.0841	0.0841		Pass	
				5745.0095	0.0095		Pass	
				5745.0718	0.0718		Pass	
	Extreme(108)	Norma(+20)	5745.0373	0.0373	Pass			
	Extreme(132)		5745.0131	0.0131	Pass			
	Normal(120)			5825	5825.0601		0.0601	Pass
					5825.0591		0.0591	Pass
					5825.0739		0.0739	Pass
					5825.0547		0.0547	Pass
					5825.0563		0.0563	Pass
	Extreme(108)	Norma(20)	5825.0476	0.0476	Pass			
	Extreme(132)		5825.0600	0.0600	Pass			