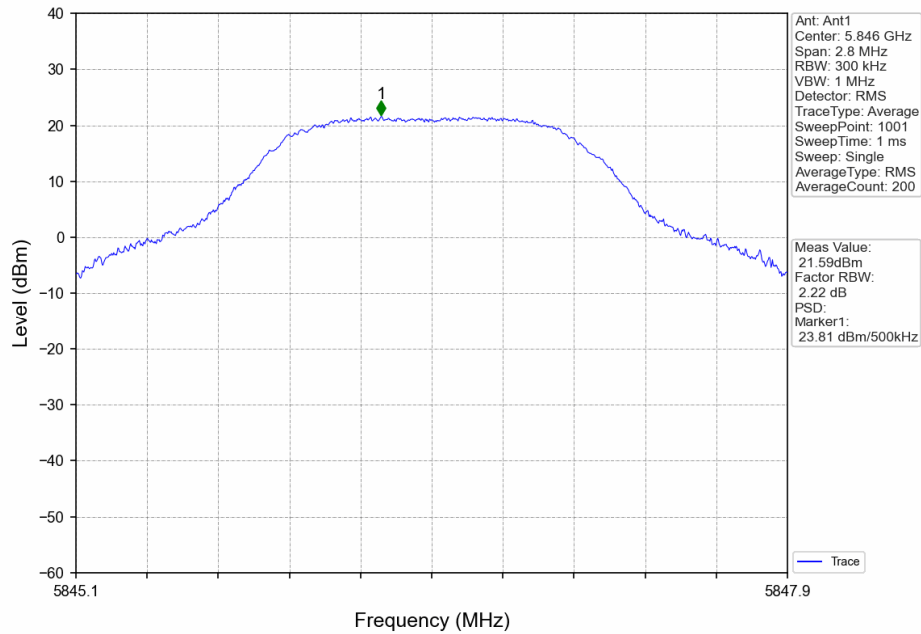
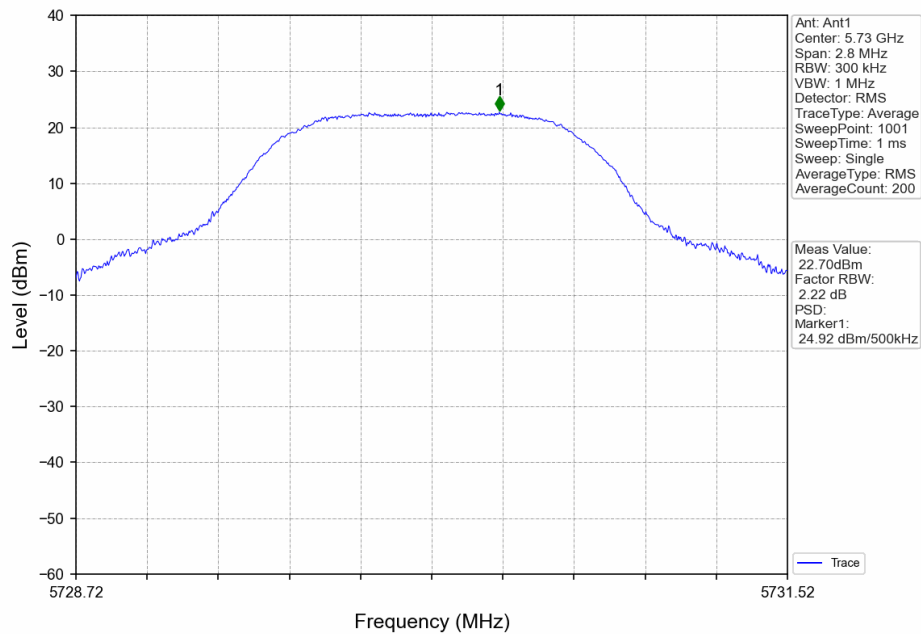


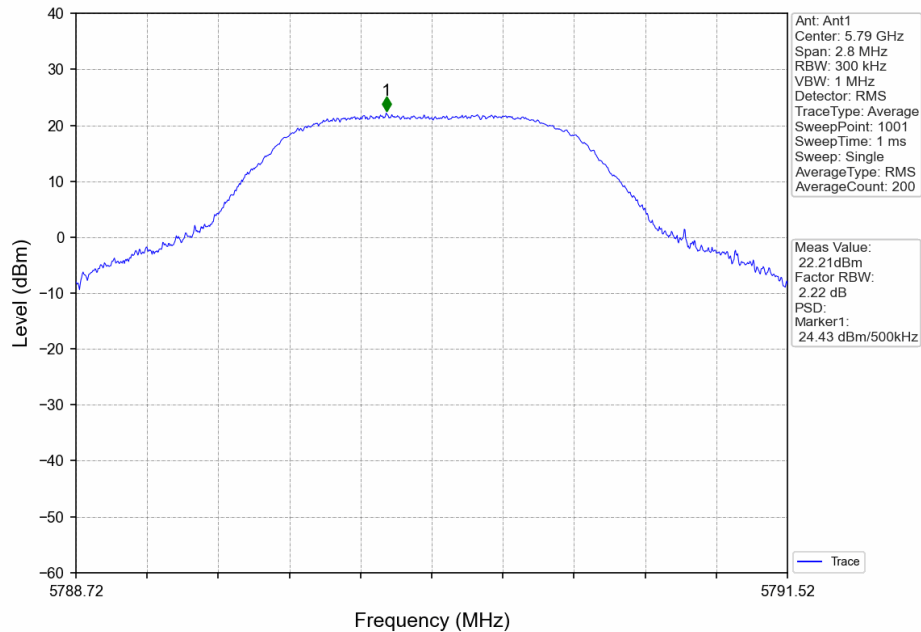
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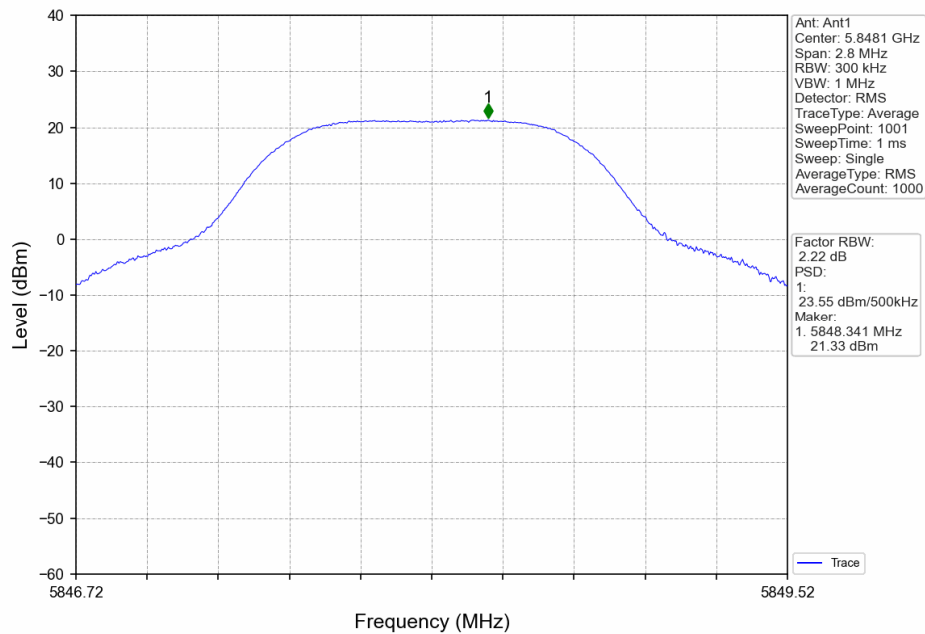
1.4_CA_LCH_5730.12MHz_Ant2_NTNV



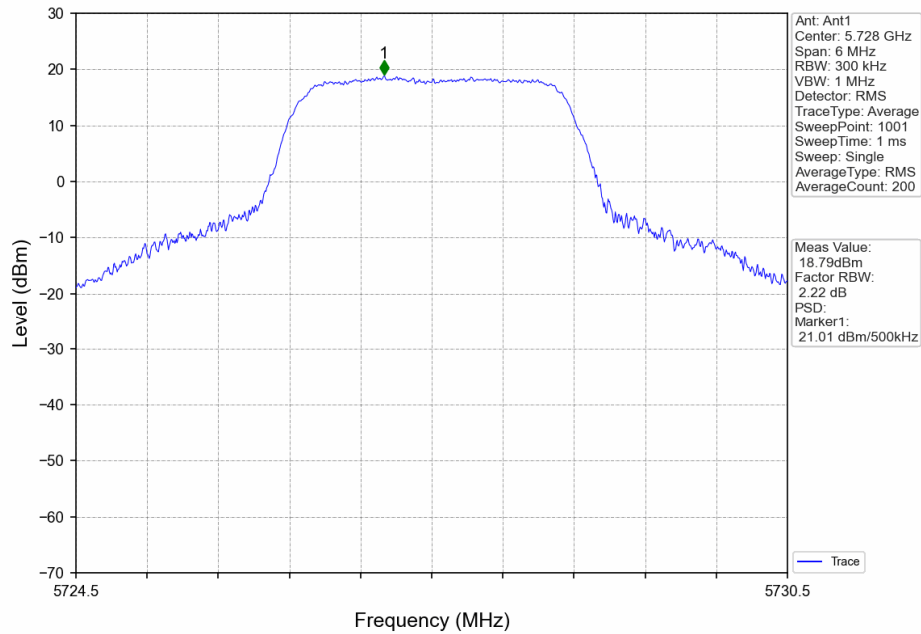
1.4 CA_MCH_5790.12MHz_Ant2_NTNV



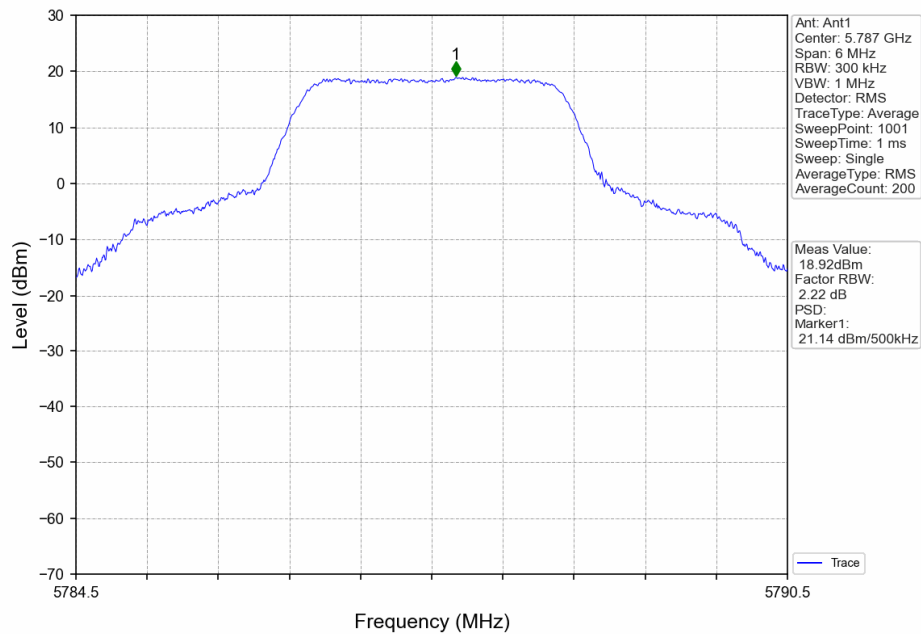
1.4 CA_HCH_5848.12MHz_Ant2_NTNV



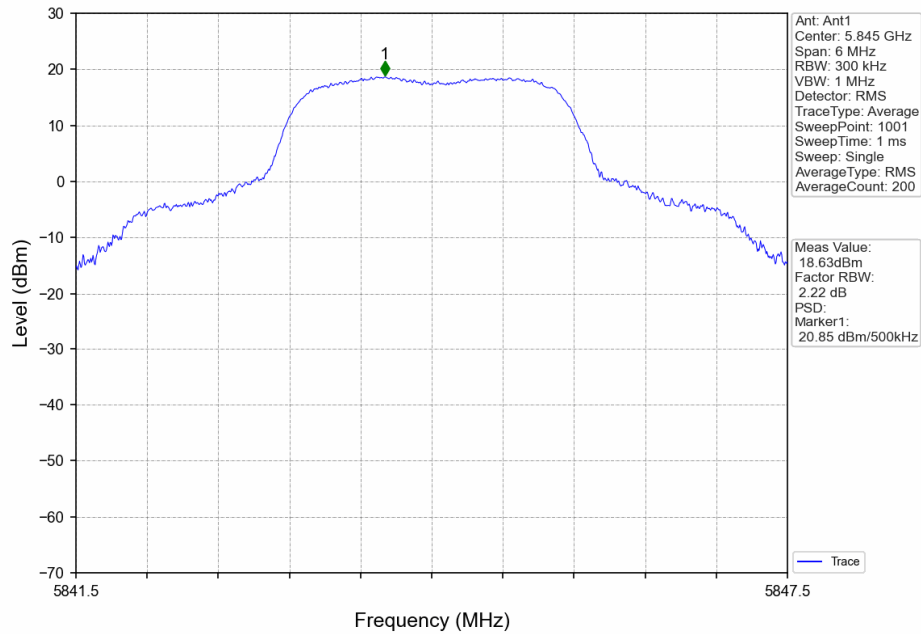
3_LCH_5727.5MHz_Ant2_NTNV



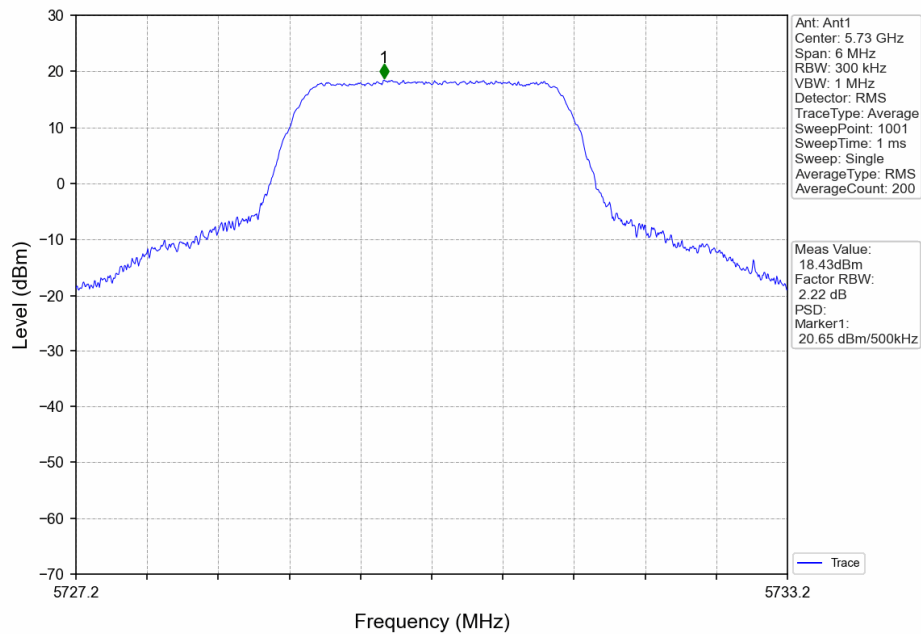
3_MCH_5787.5MHz_Ant2_NTNV



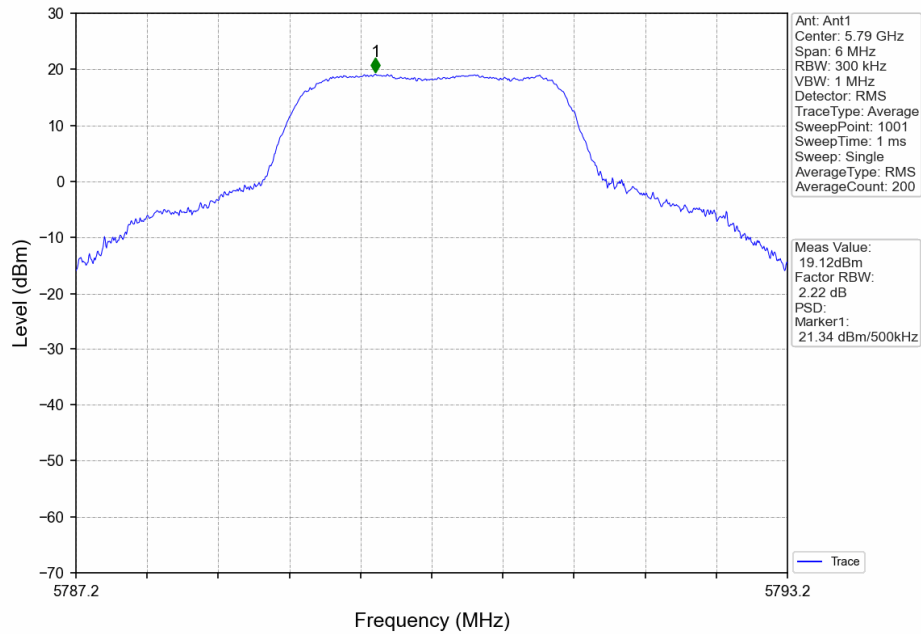
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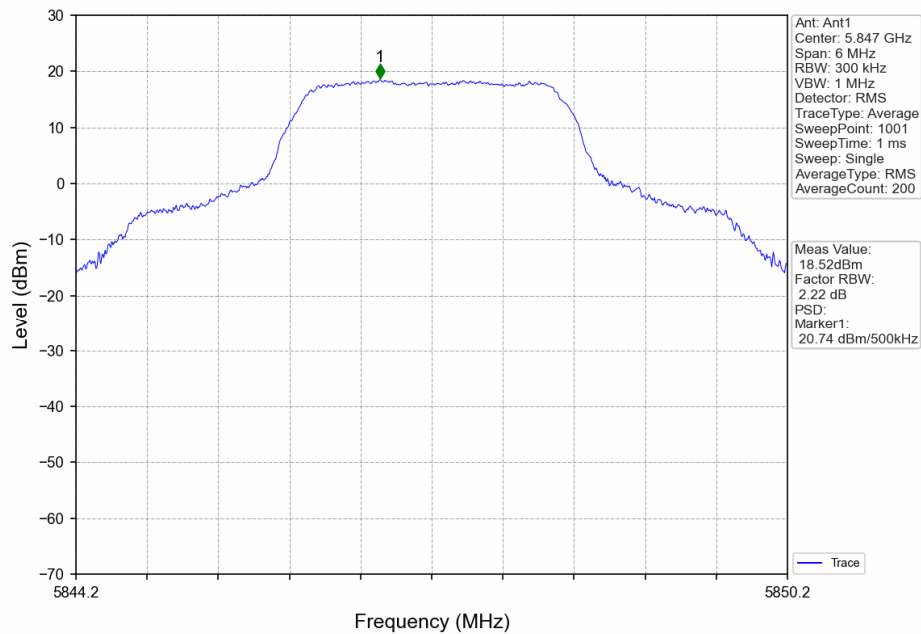
3_CA_LCH_5730.2MHz_Ant2_NTNV



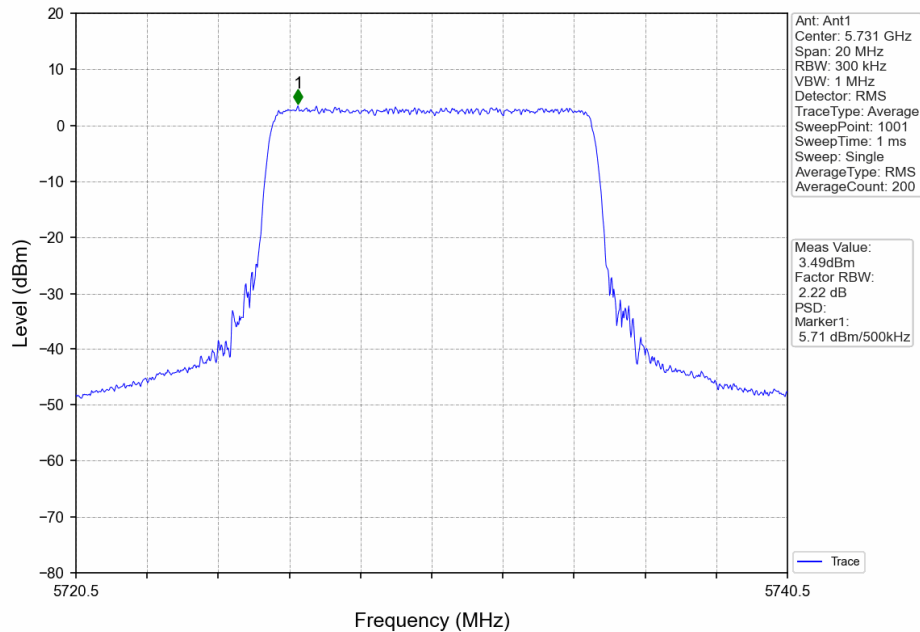
3 CA_MCH_5790.2MHz_Ant2_NTNV



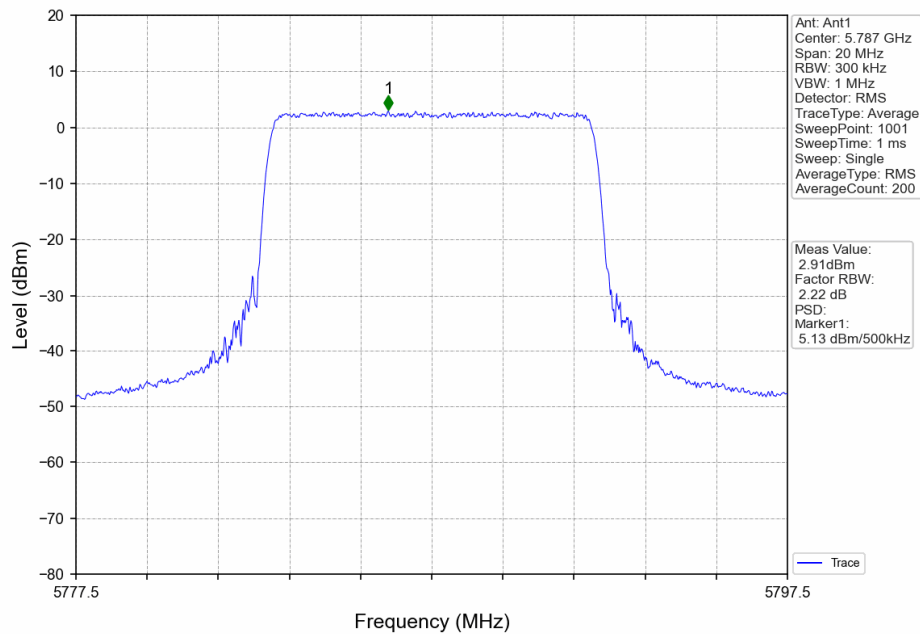
3 CA_HCH_5847.2MHz_Ant2_NTNV



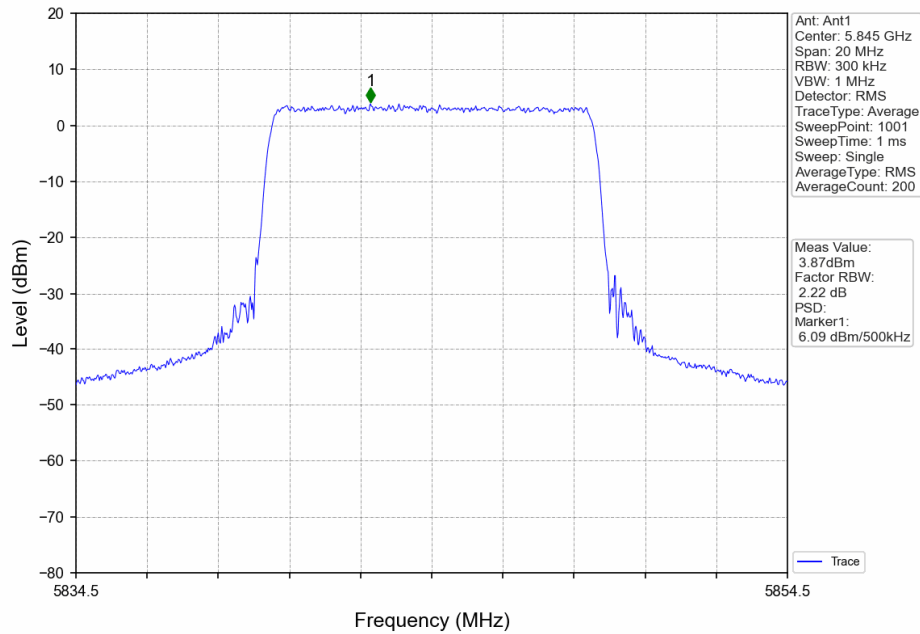
10_LCH_5730.5MHz_Ant2_NTNV



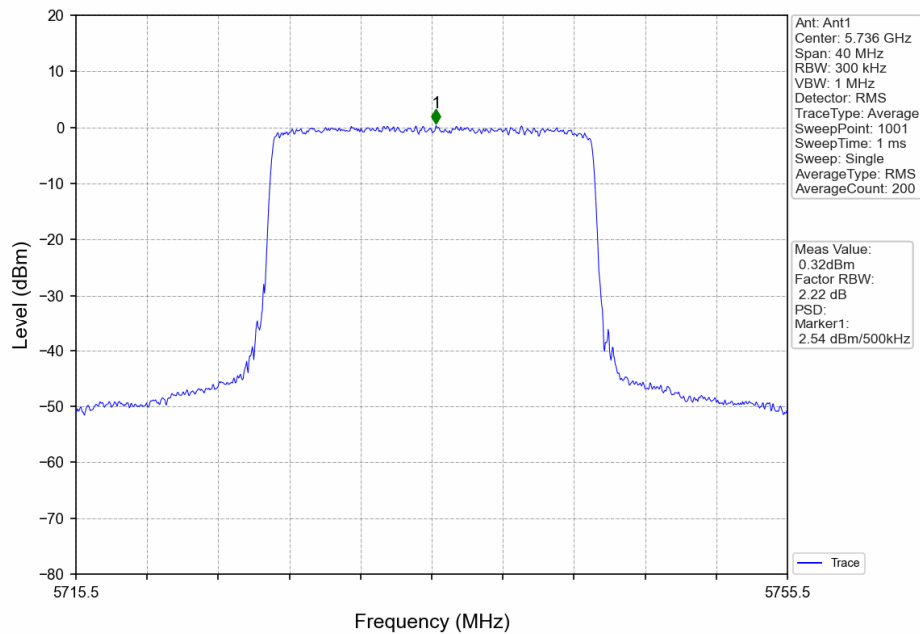
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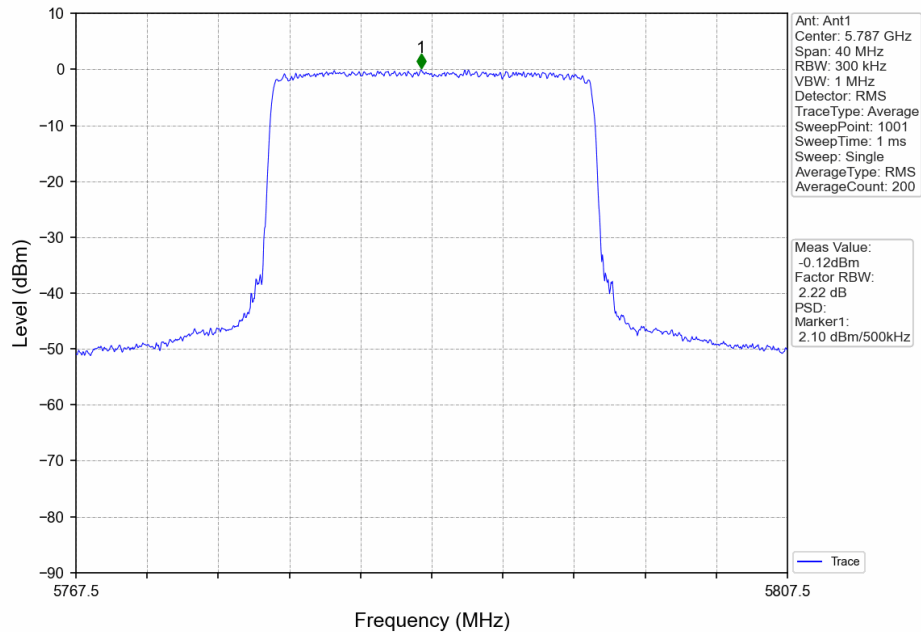
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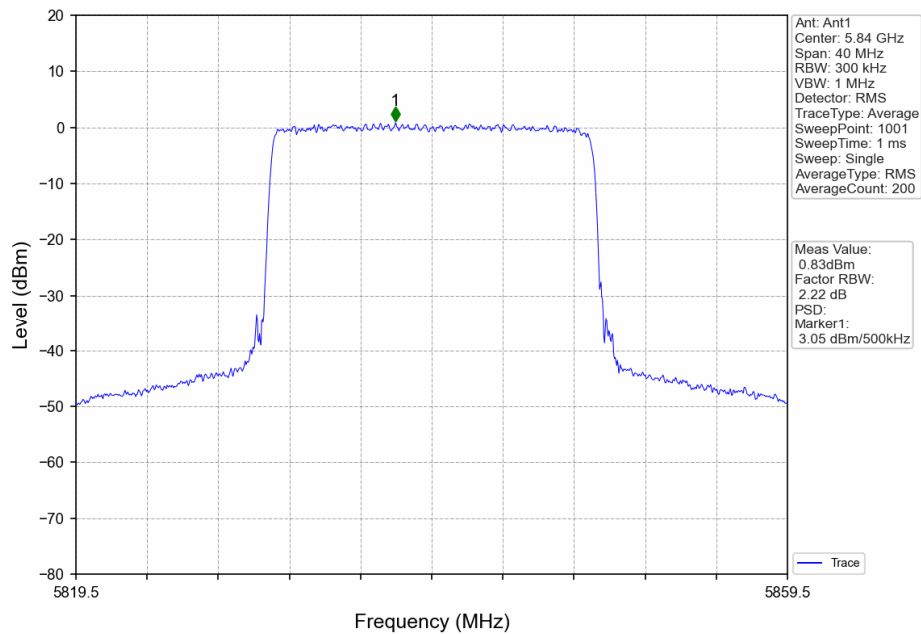
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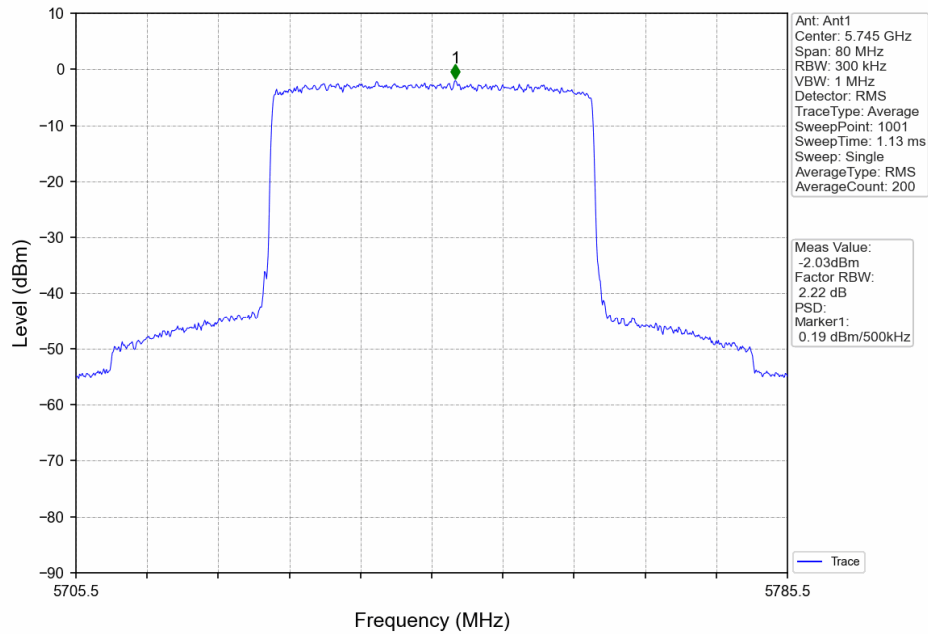
20_MCH_5787.5MHz_Ant2_NTNV



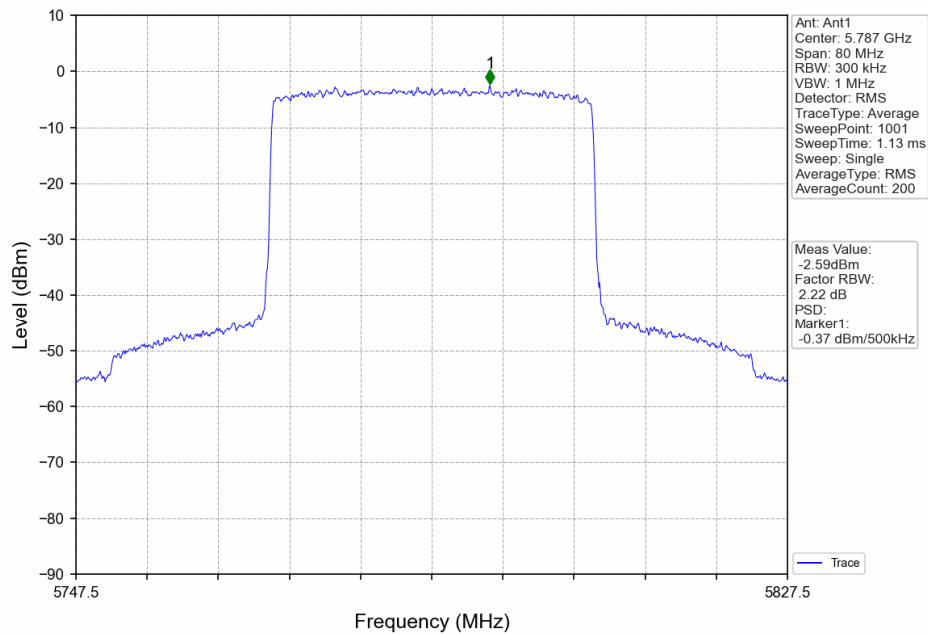
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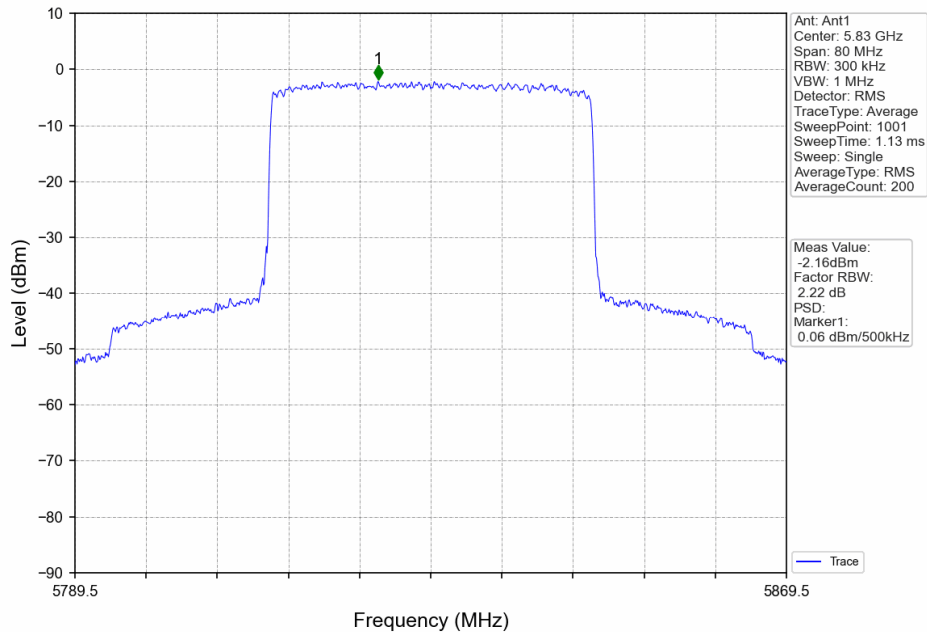
40_LCH_5745.5MHz_Ant2_NTNV



40_MCH_5787.5MHz_Ant2_NTNV



40_HCH_5829.5MHz_Ant2_NTNV



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MIMO Mode, 1.4MHz BW**1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

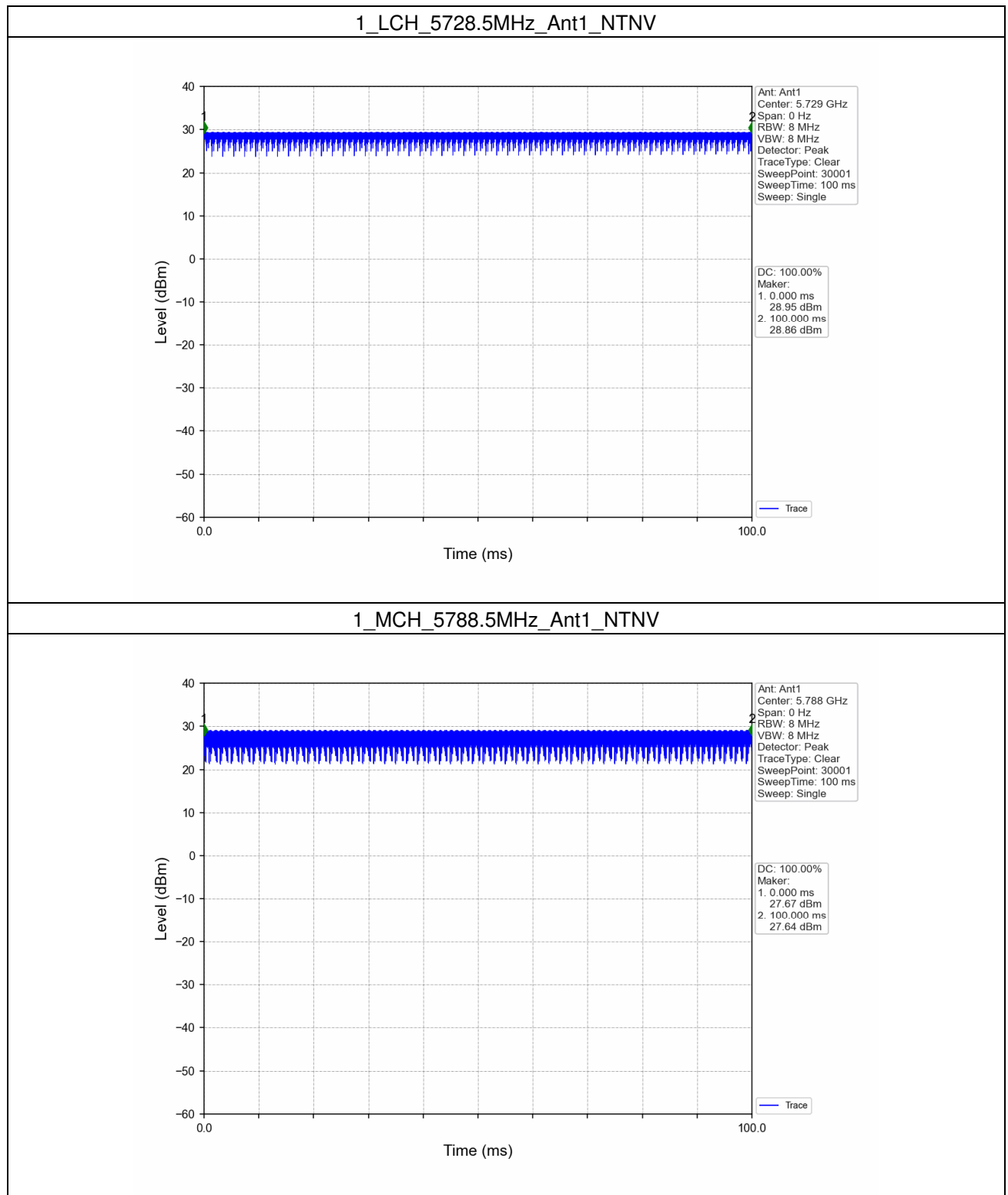
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5728.5	100.00	100.00	100.00	0.00	0.00
		5788.5	100.00	100.00	100.00	0.00	0.00
		5846.5	100.00	100.00	100.00	0.00	0.00



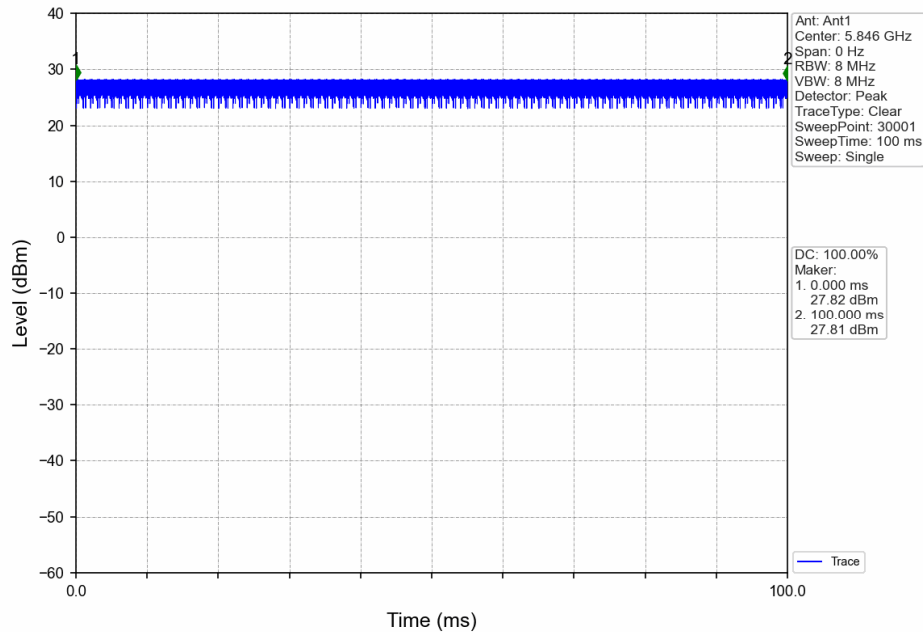
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1.1.2 Test Graph



1_HCH_5846.5MHz_Ant1_NTNV



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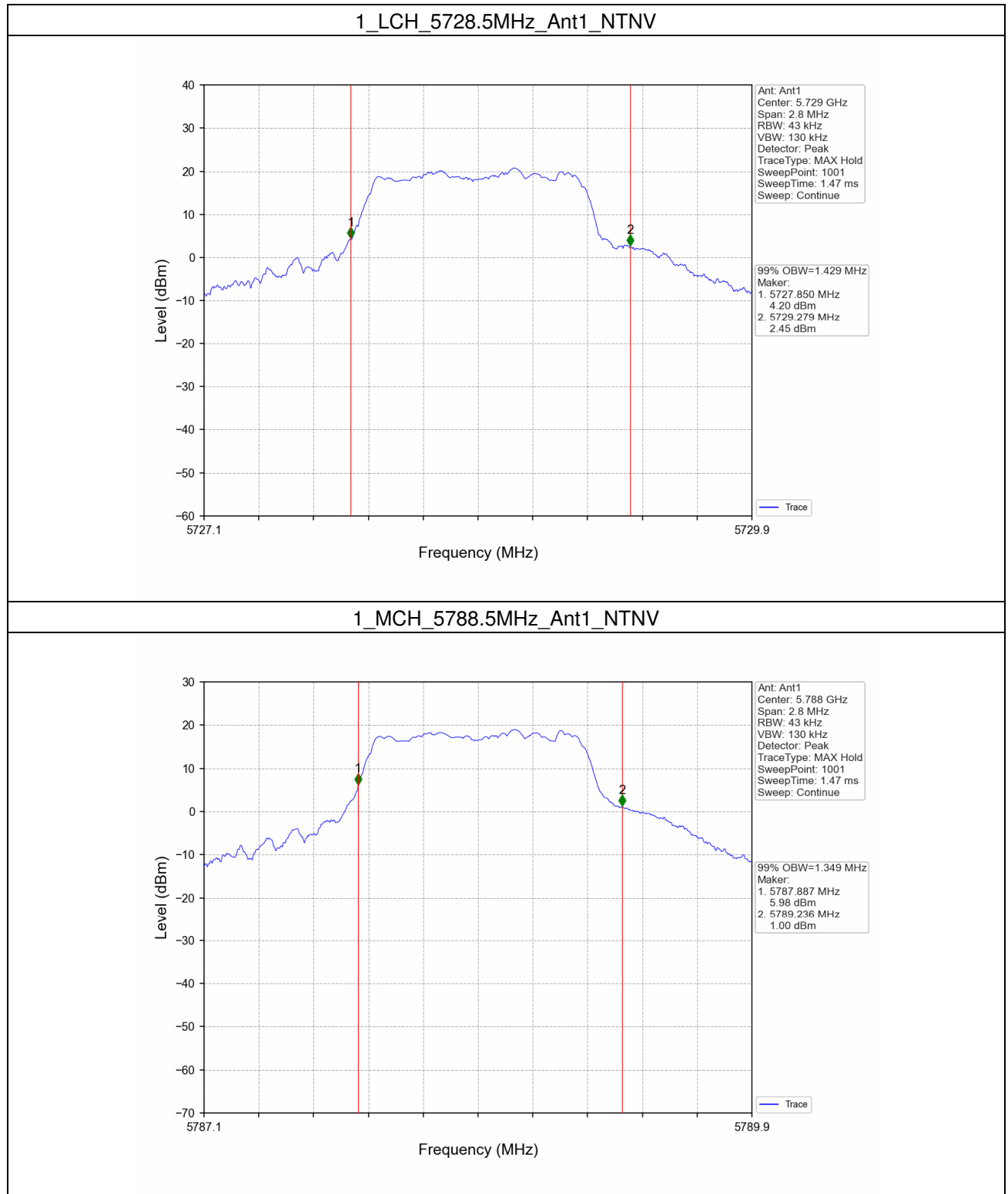
2. Bandwidth

2.1 OBW

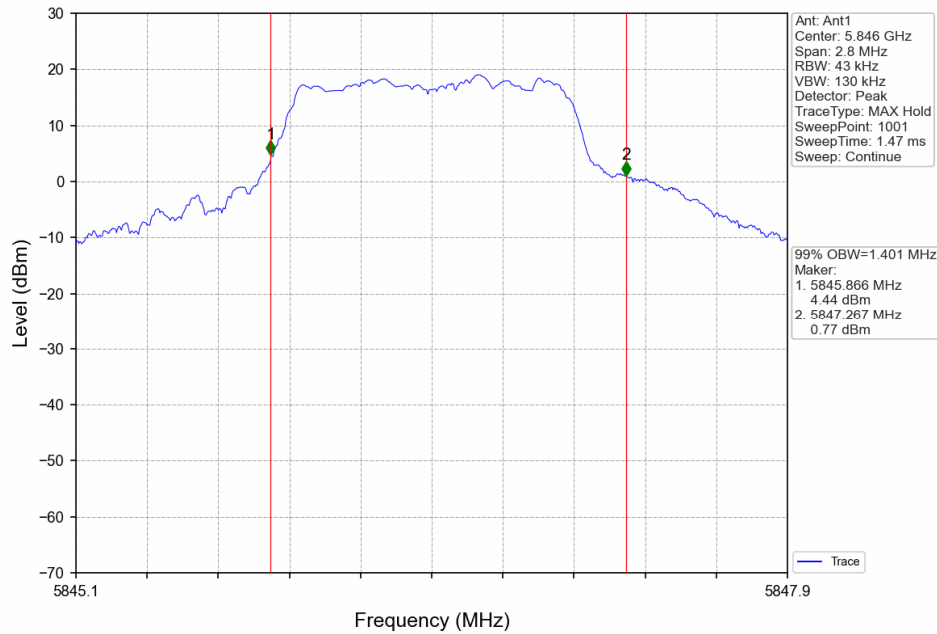
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	5728.5	1	1.43	/	Pass
		5788.5	1	1.35	/	Pass
		5846.5	1	1.40	/	Pass

2.1.2 Test Graph



1_HCH_5846.5MHz_Ant1_NTNV



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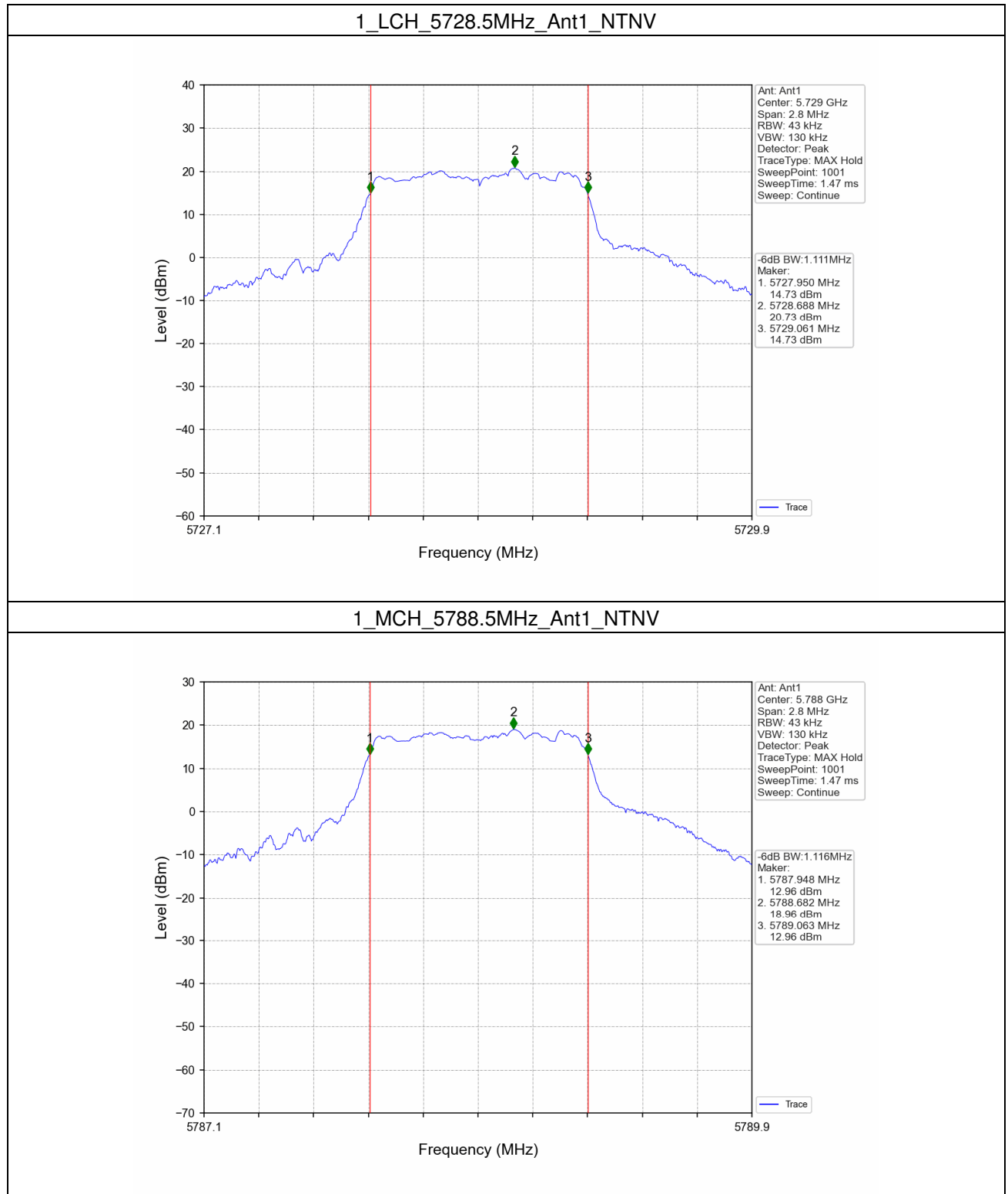
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2.2 6dB BW

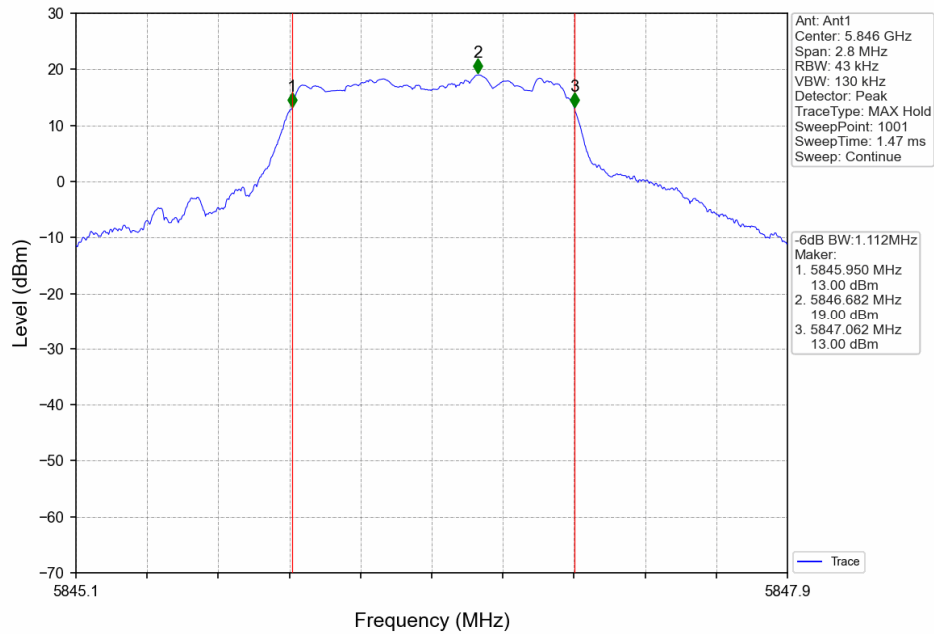
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5728.5	1	1.11	≥ 0.5	Pass
		5788.5	1	1.12	≥ 0.5	Pass
		5846.5	1	1.11	≥ 0.5	Pass

2.2.2 Test Graph



1_HCH_5846.5MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Average Output Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5728.5	23.51	22.15	25.89	<=29.24	Pass
		5788.5	22.99	22.07	25.56	<=29.24	Pass
		5846.5	22.93	22.32	25.65	<=29.24	Pass

Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;

Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$.

4. Maximum Power Spectral Density

4.1 PSD

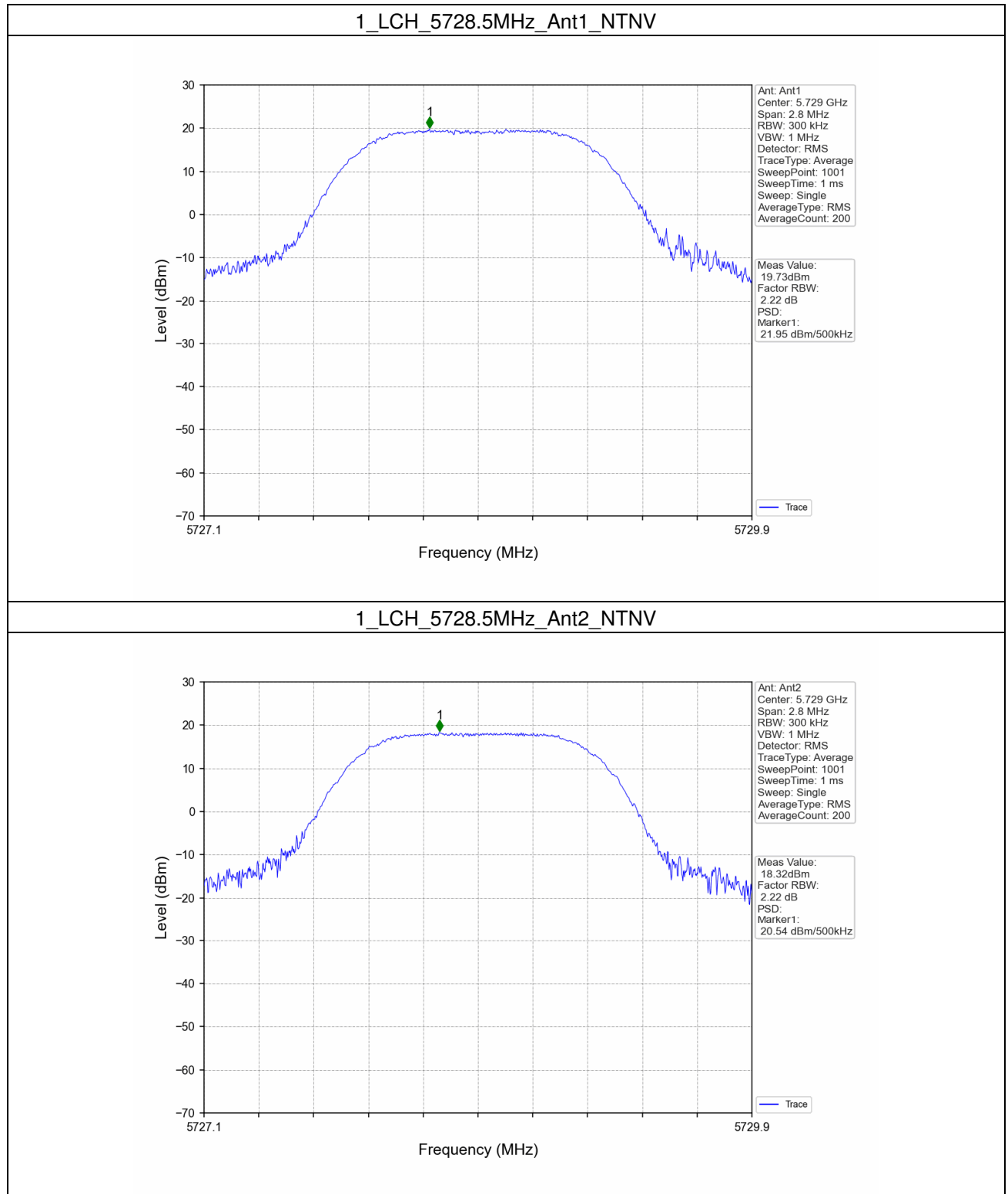
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)			Limit (dBm/500kHz)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5728.5	21.95	20.54	24.20	<=29.24	Pass
		5788.5	21.66	20.54	23.97	<=29.24	Pass
		5846.5	21.22	20.79	23.95	<=29.24	Pass

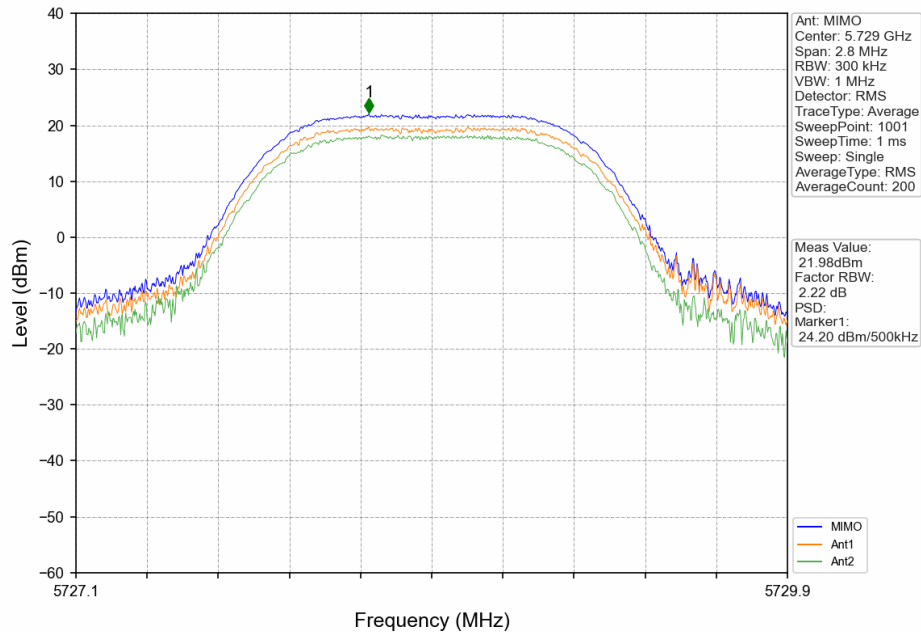
Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;

Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$.

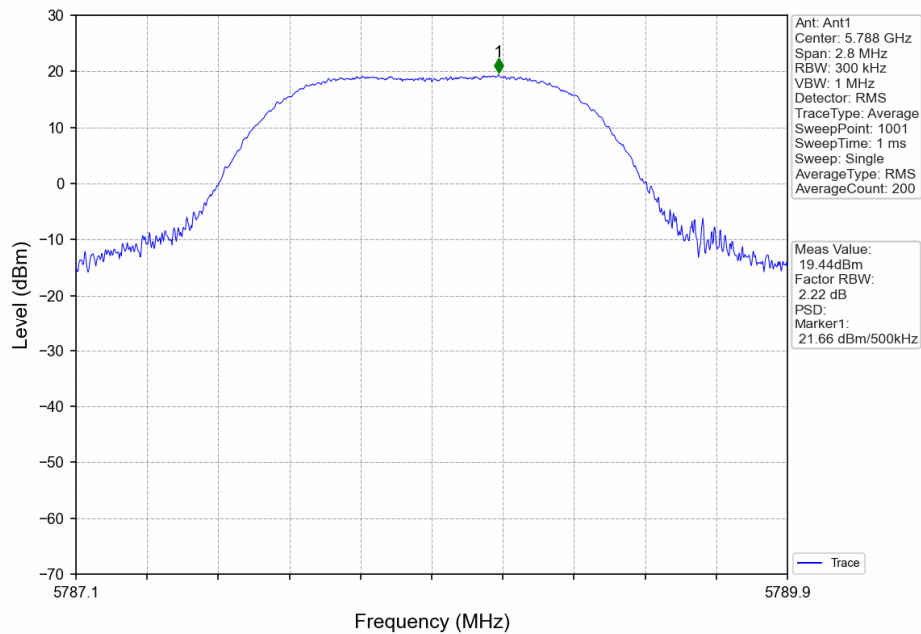
4.1.2 Test Graph



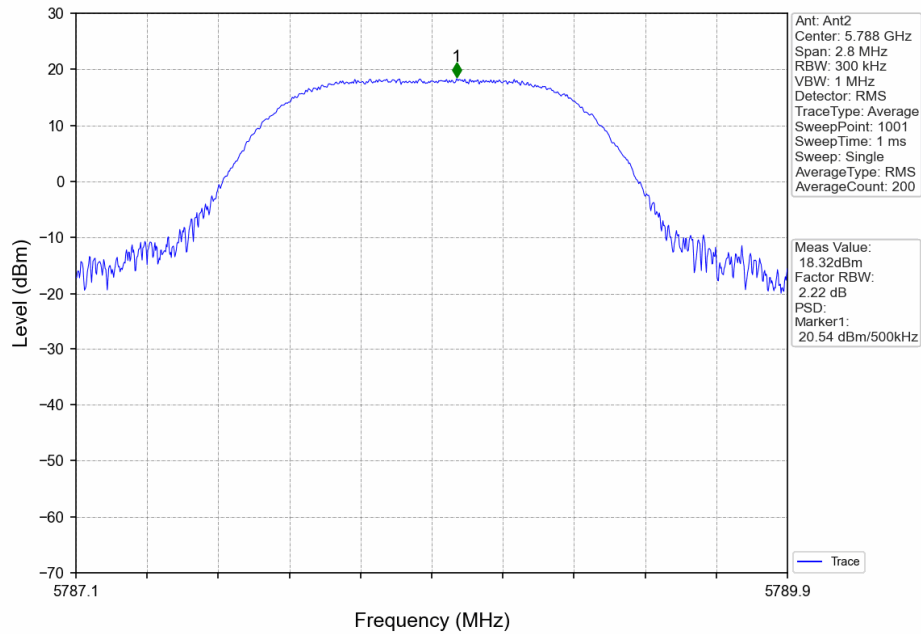
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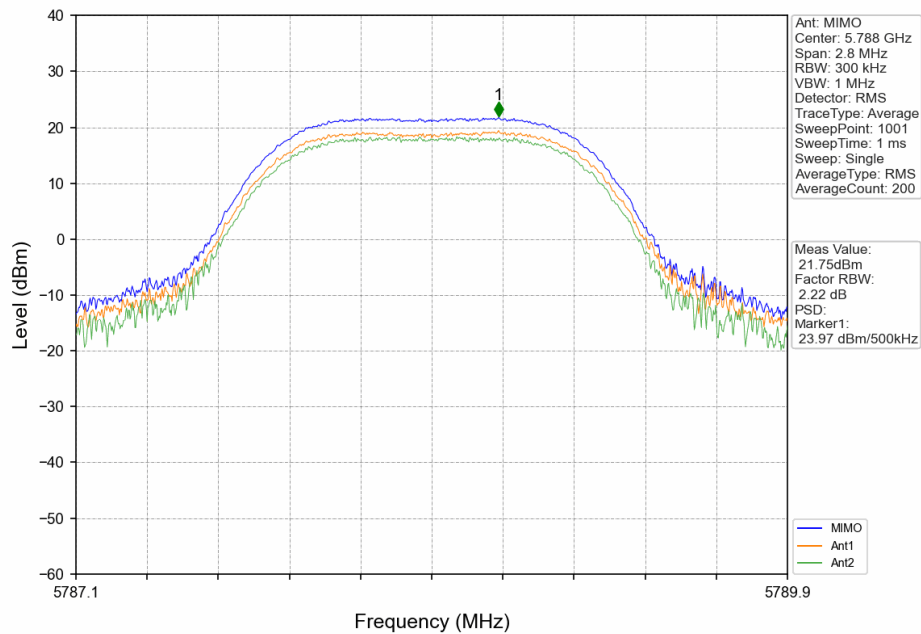
1_MCH_5788.5MHz_Ant1_NTNV



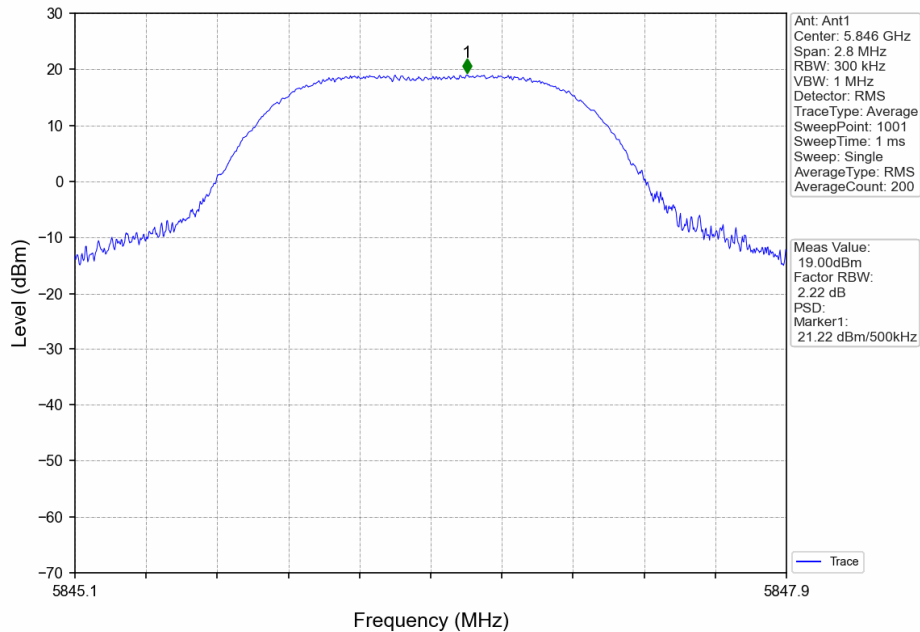
1_MCH_5788.5MHz_Ant2_NTNV



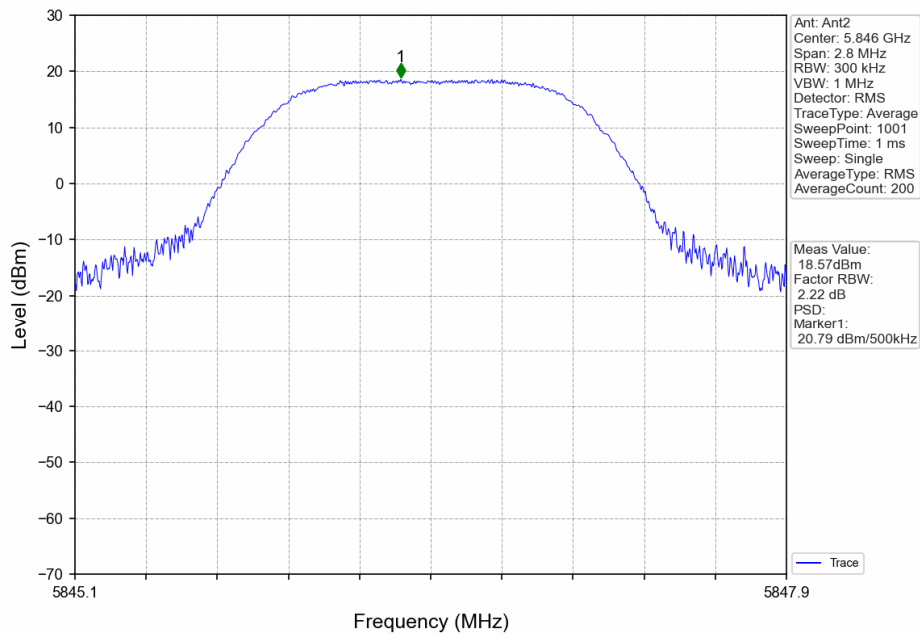
1_MCH_5788.5MHz_MIMO_NTNV



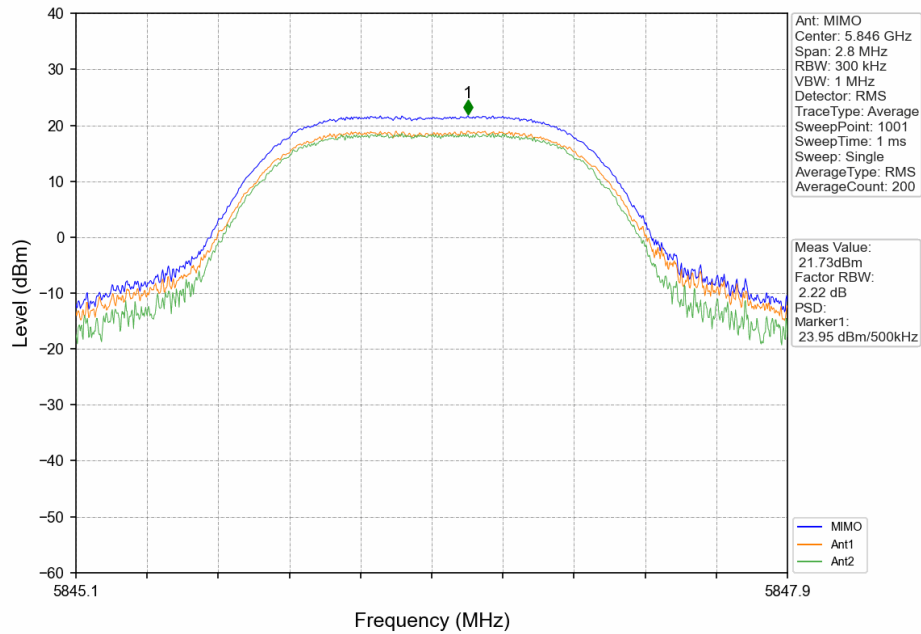
1_HCH_5846.5MHz_Ant1_NTNV



1_HCH_5846.5MHz_Ant2_NTNV



1_HCH_5846.5MHz_MIMO_NTNV



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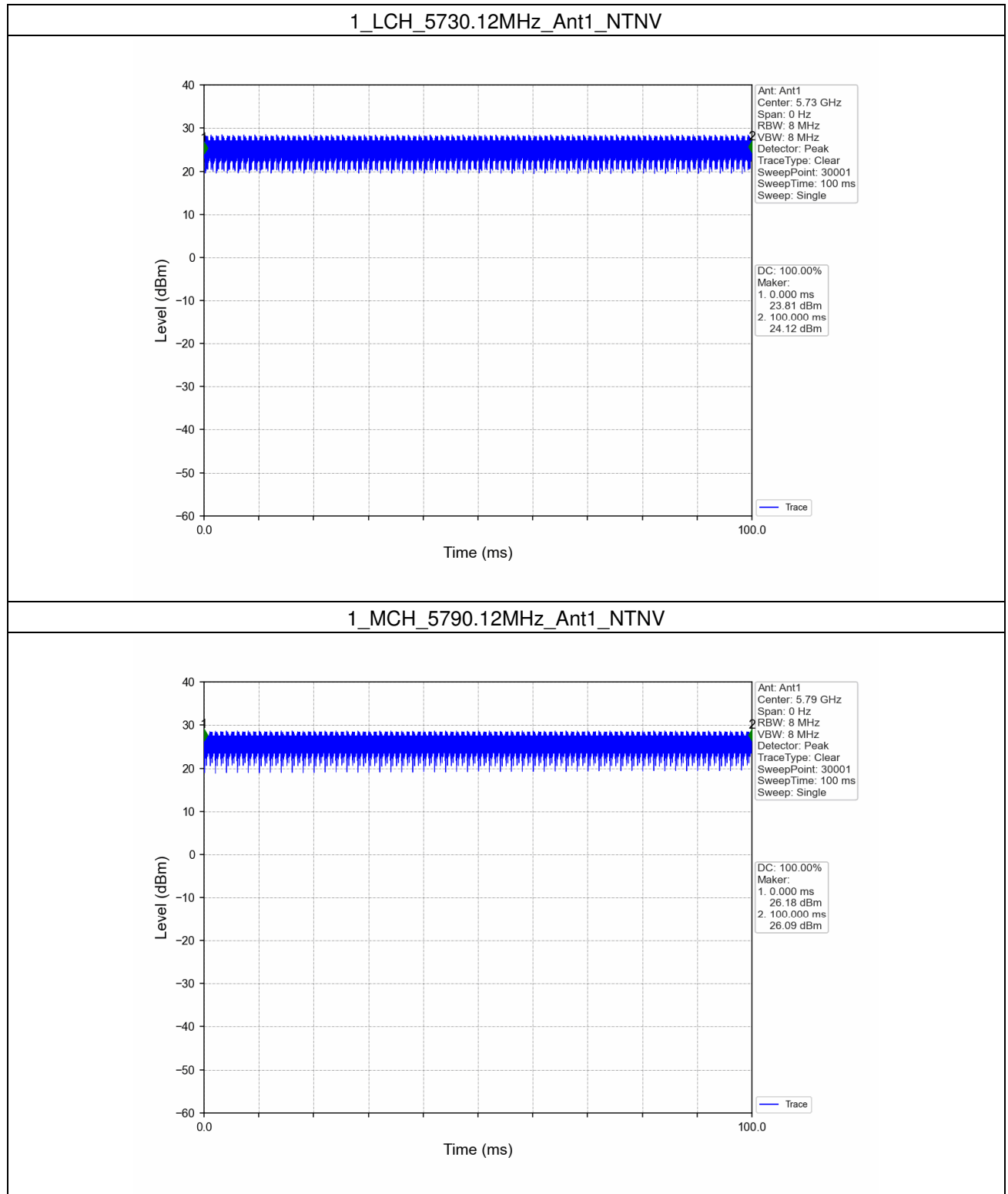
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MIMO Mode, 1.4MHz CA BW**1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

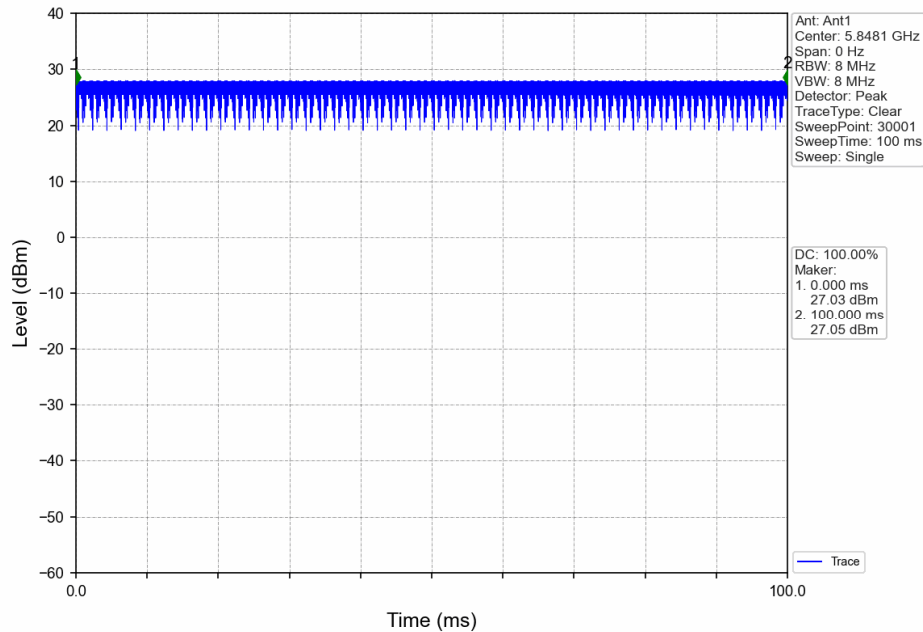
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5730.12	100.00	100.00	100.00	0.00	0.00
		5790.12	100.00	100.00	100.00	0.00	0.00
		5848.12	100.00	100.00	100.00	0.00	0.00



1.1.2 Test Graph



1_HCH_5848.12MHz_Ant1_NTNV



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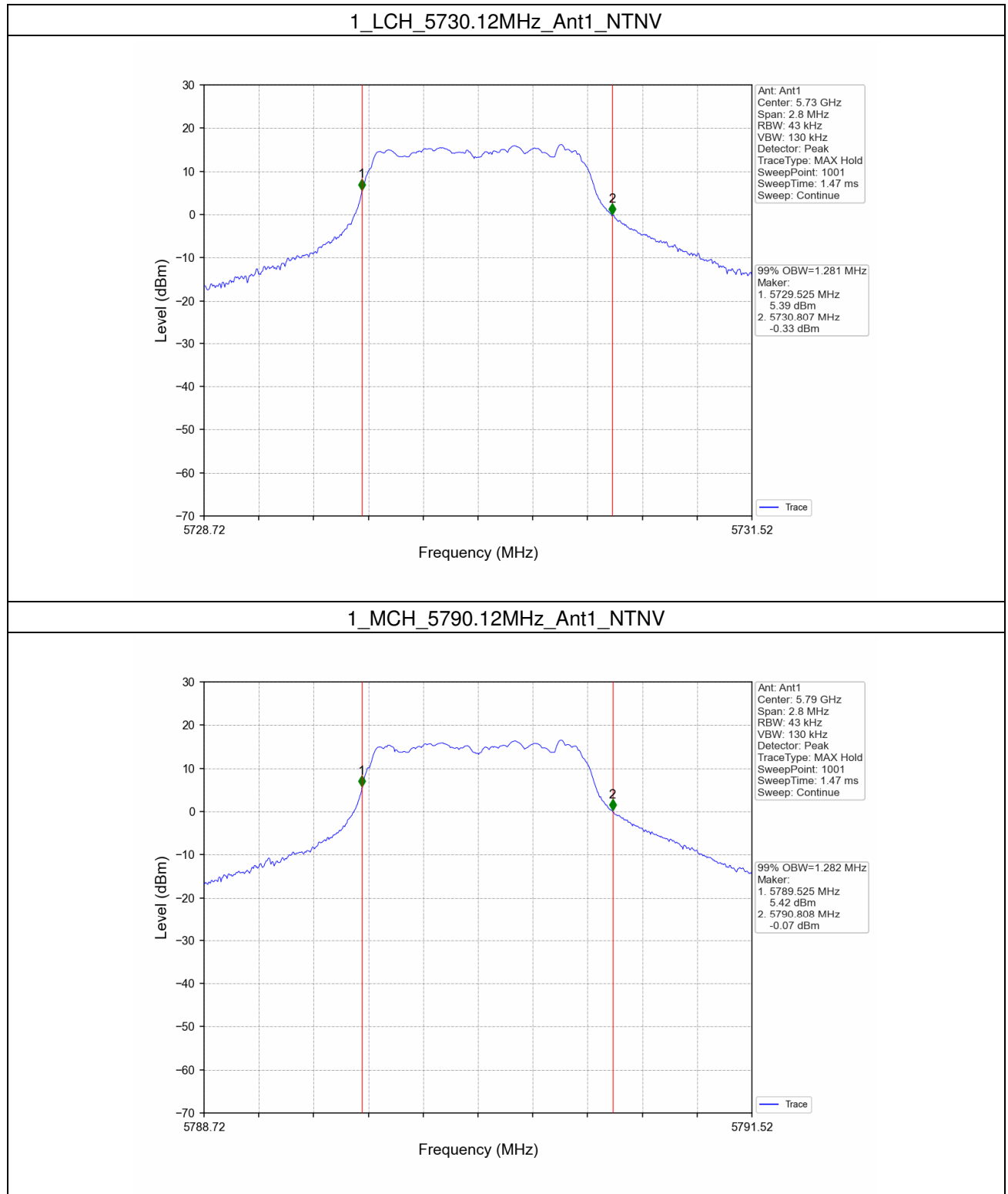
2. Bandwidth

2.1 OBW

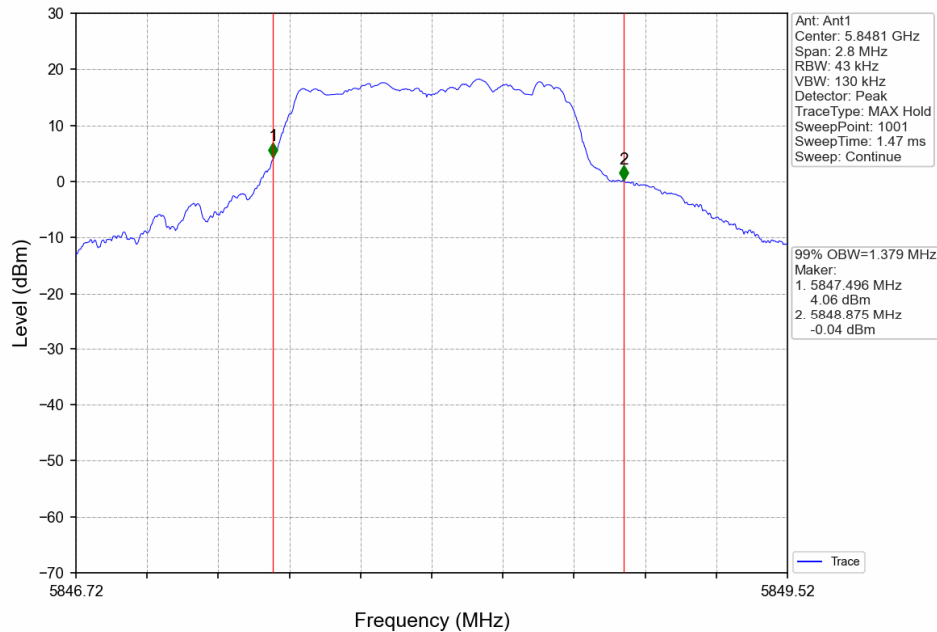
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.12	1	1.28	/	Pass
		5790.12	1	1.28	/	Pass
		5848.12	1	1.38	/	Pass

2.1.2 Test Graph



1_HCH_5848.12MHz_Ant1_NTNV



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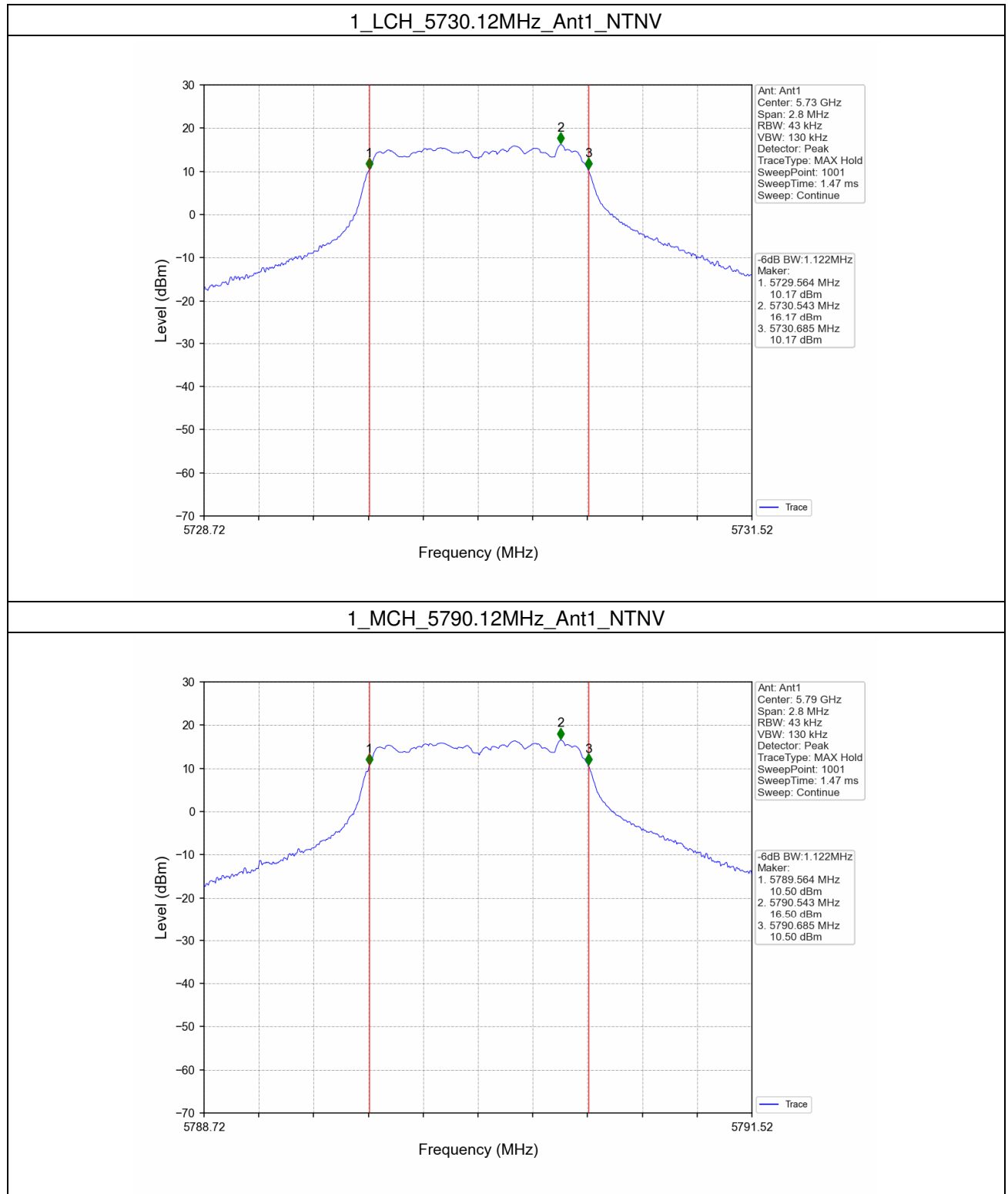
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.12	1	1.12	≥ 0.5	Pass
		5790.12	1	1.12	≥ 0.5	Pass
		5848.12	1	1.12	≥ 0.5	Pass

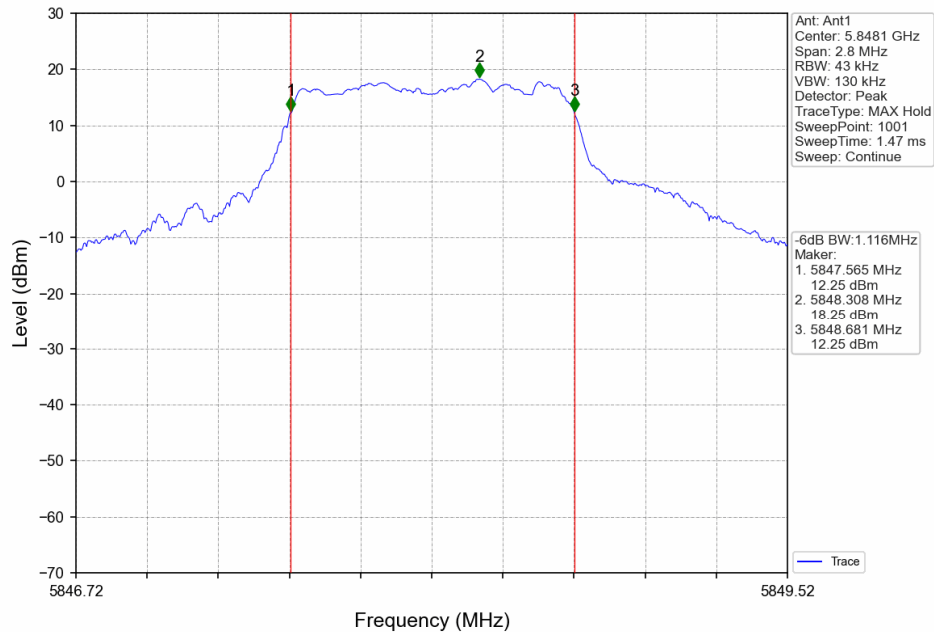
2.2.2 Test Graph



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1_HCH_5848.12MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Average Output Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5730.12	23.31	21.91	25.68	<=29.24	Pass
		5790.12	22.97	21.87	25.47	<=29.24	Pass
		5848.12	22.45	21.80	25.15	<=29.24	Pass

Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;

Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$

4. Maximum Power Spectral Density

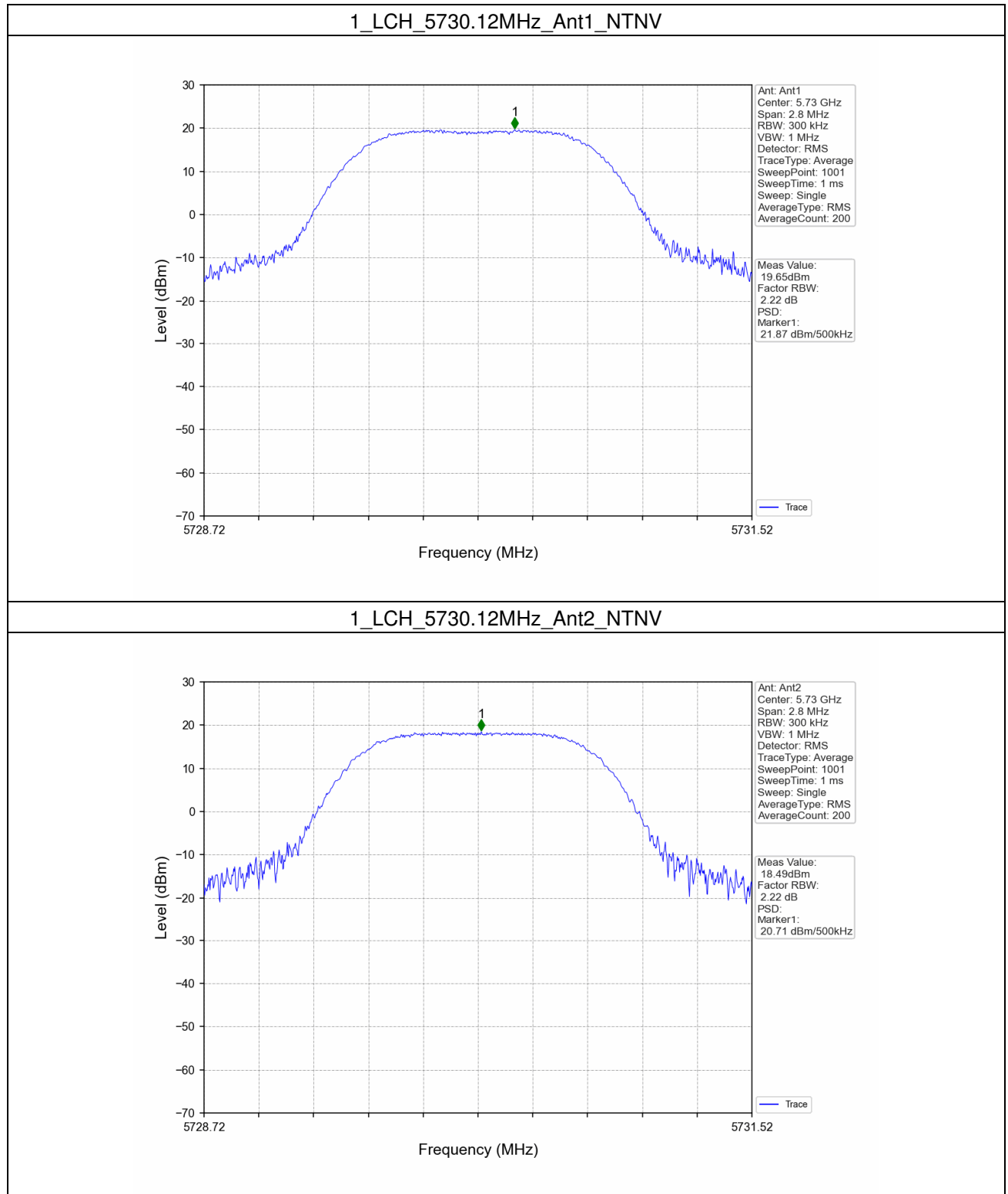
4.1 PSD

4.1.1 Test Result

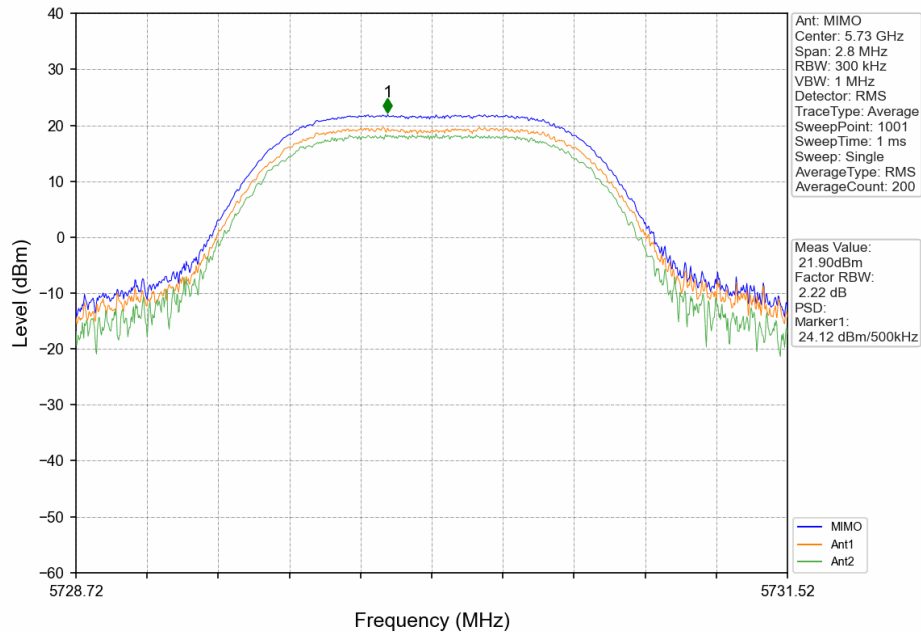
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)			Limit (dBm/500kHz)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5730.12	21.87	20.71	24.12	<=29.24	Pass
		5790.12	21.76	20.97	24.10	<=29.24	Pass
		5848.12	20.89	19.86	23.37	<=29.24	Pass

Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;
Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$.

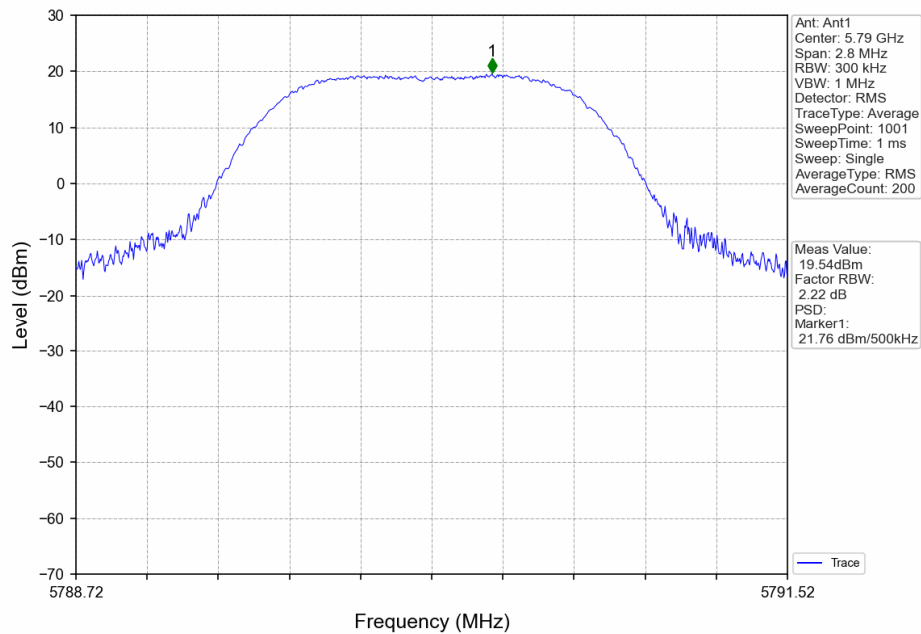
4.1.2 Test Graph



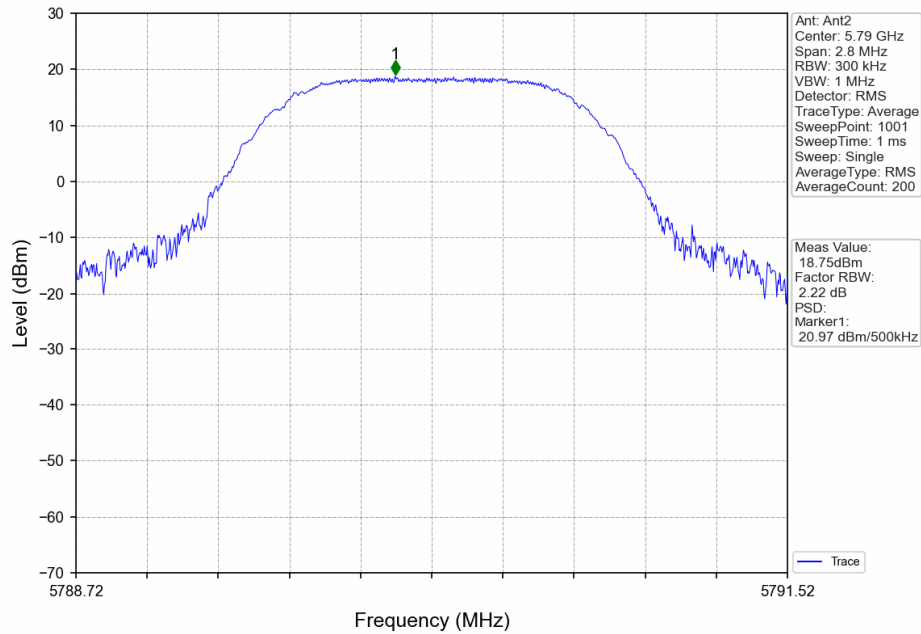
1_LCH_5730.12MHz_MIMO_NTNV



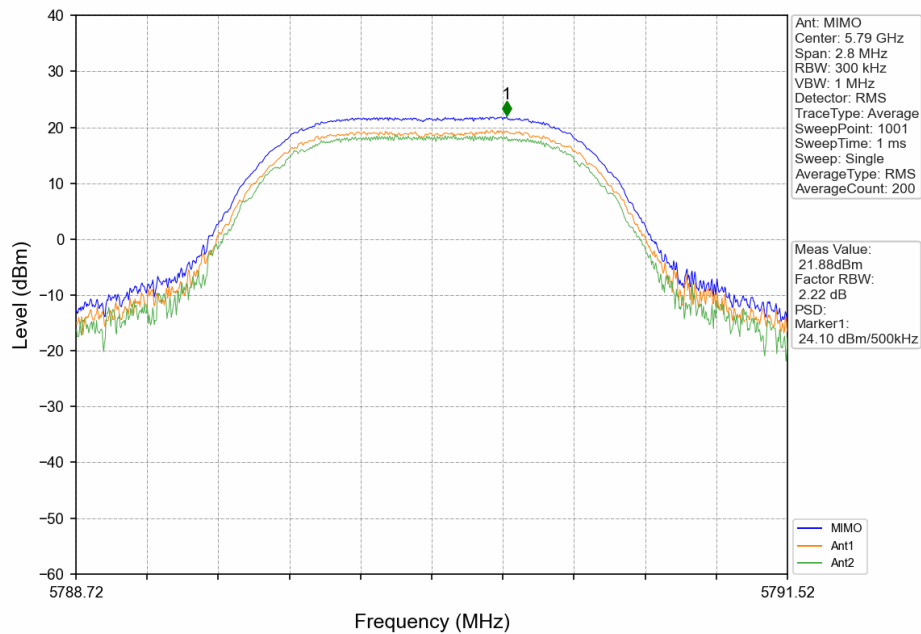
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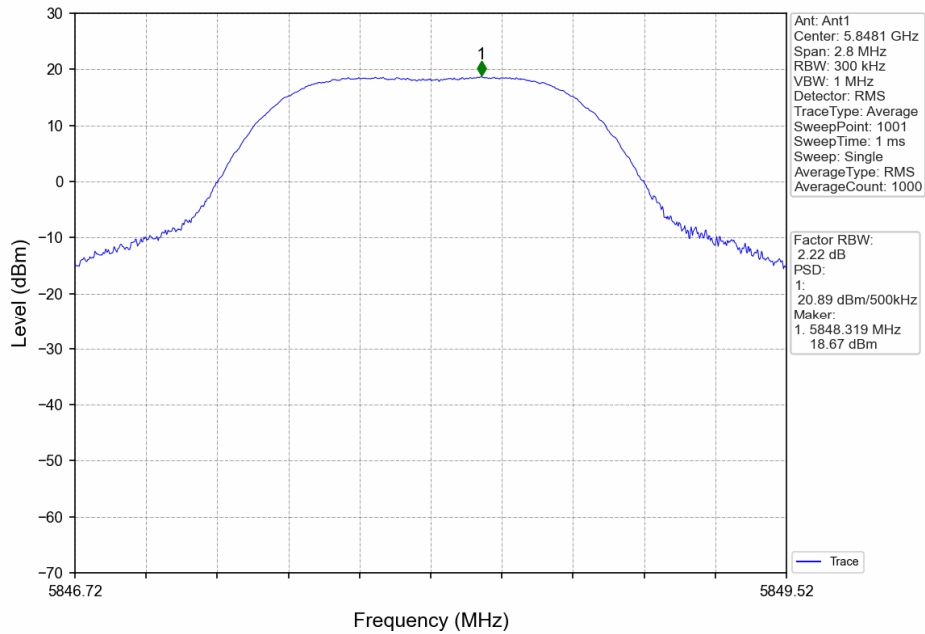
1_MCH_5790.12MHz_Ant2_NTNV



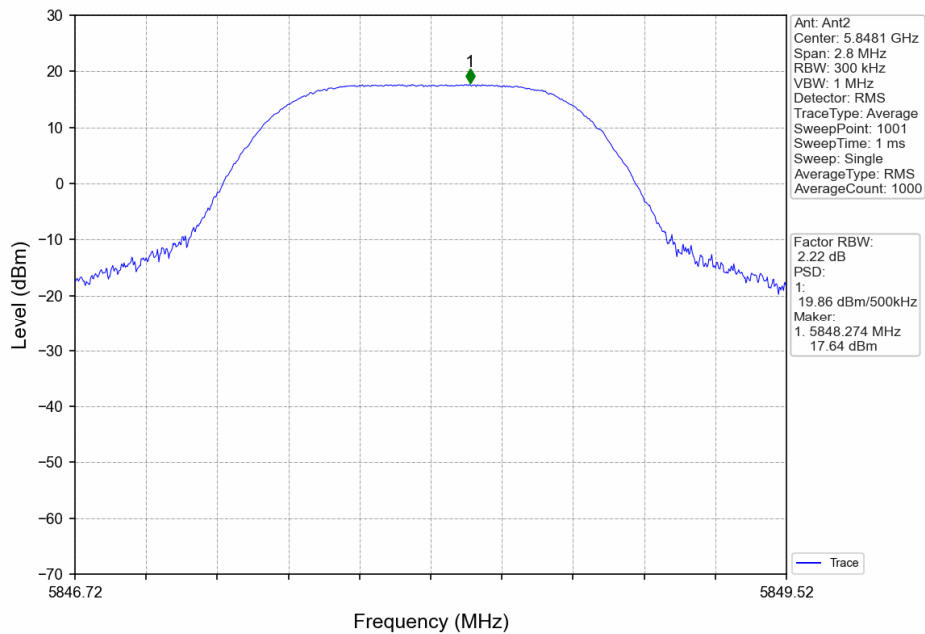
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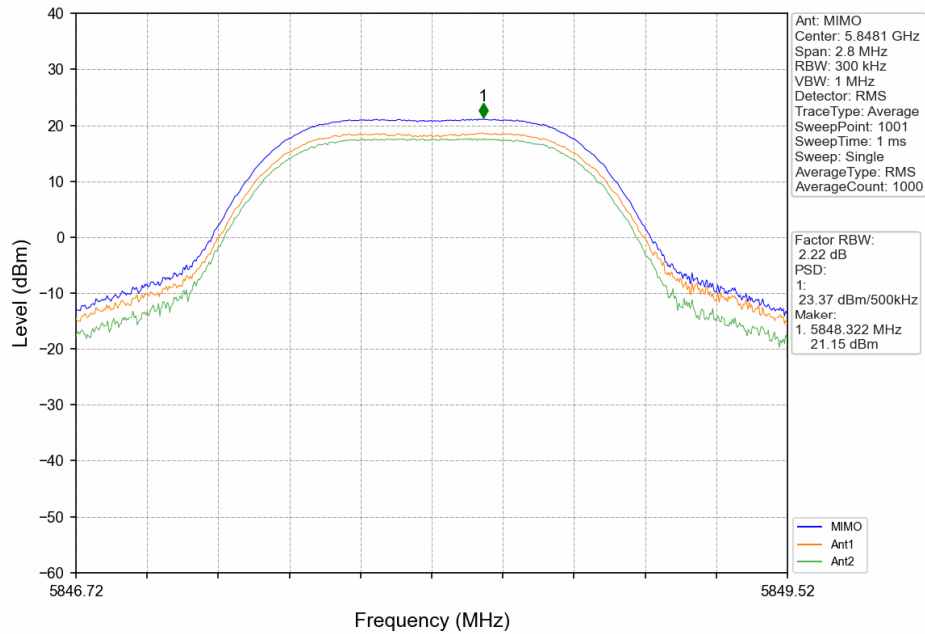
1_HCH_5848.12MHz_Ant1_NTNV



1_HCH_5848.12MHz_Ant2_NTNV



1_HCH_5848.12MHz_MIMO_NTNV



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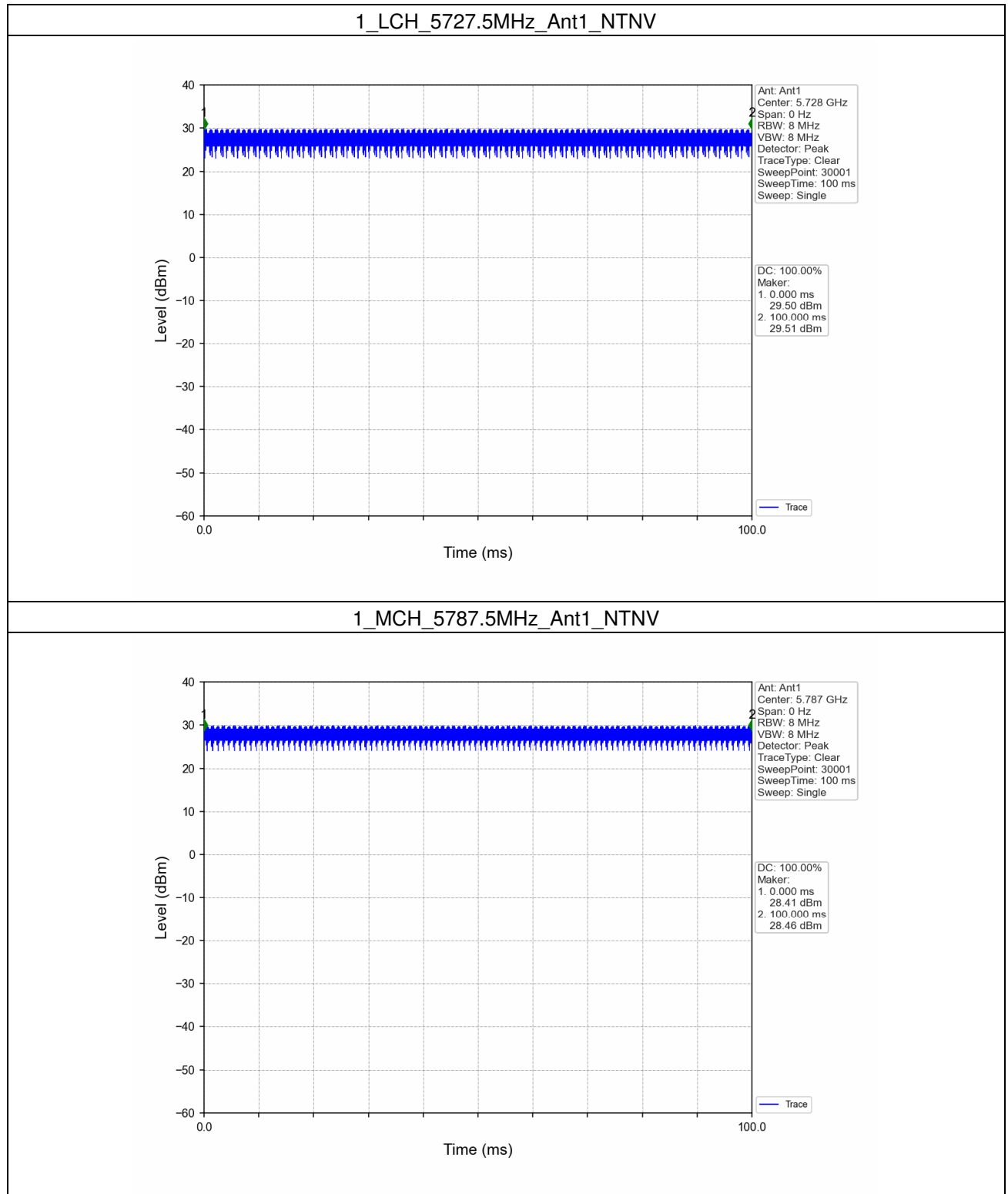
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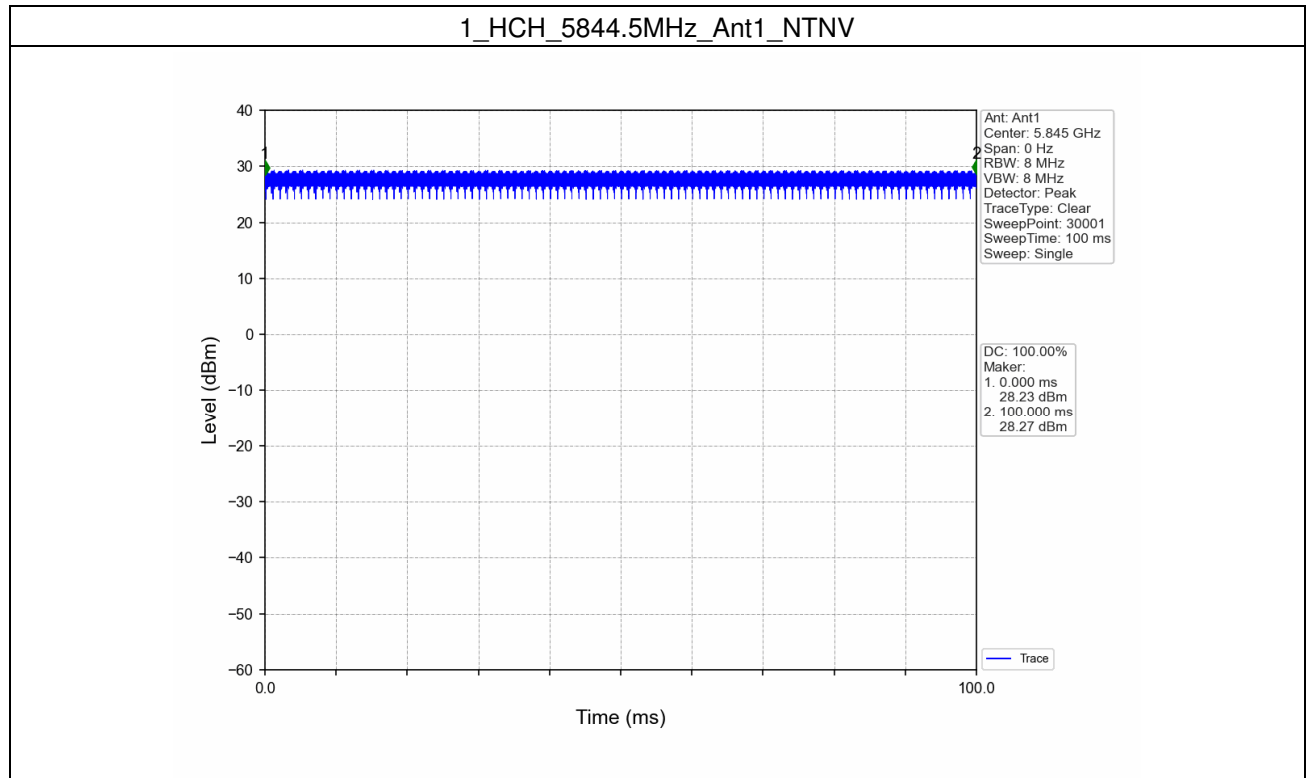
MIMO Mode, 3MHz BW**1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5727.5	100.00	100.00	100.00	0.00	0.00
		5787.5	100.00	100.00	100.00	0.00	0.00
		5844.5	100.00	100.00	100.00	0.00	0.00



1.1.2 Test Graph





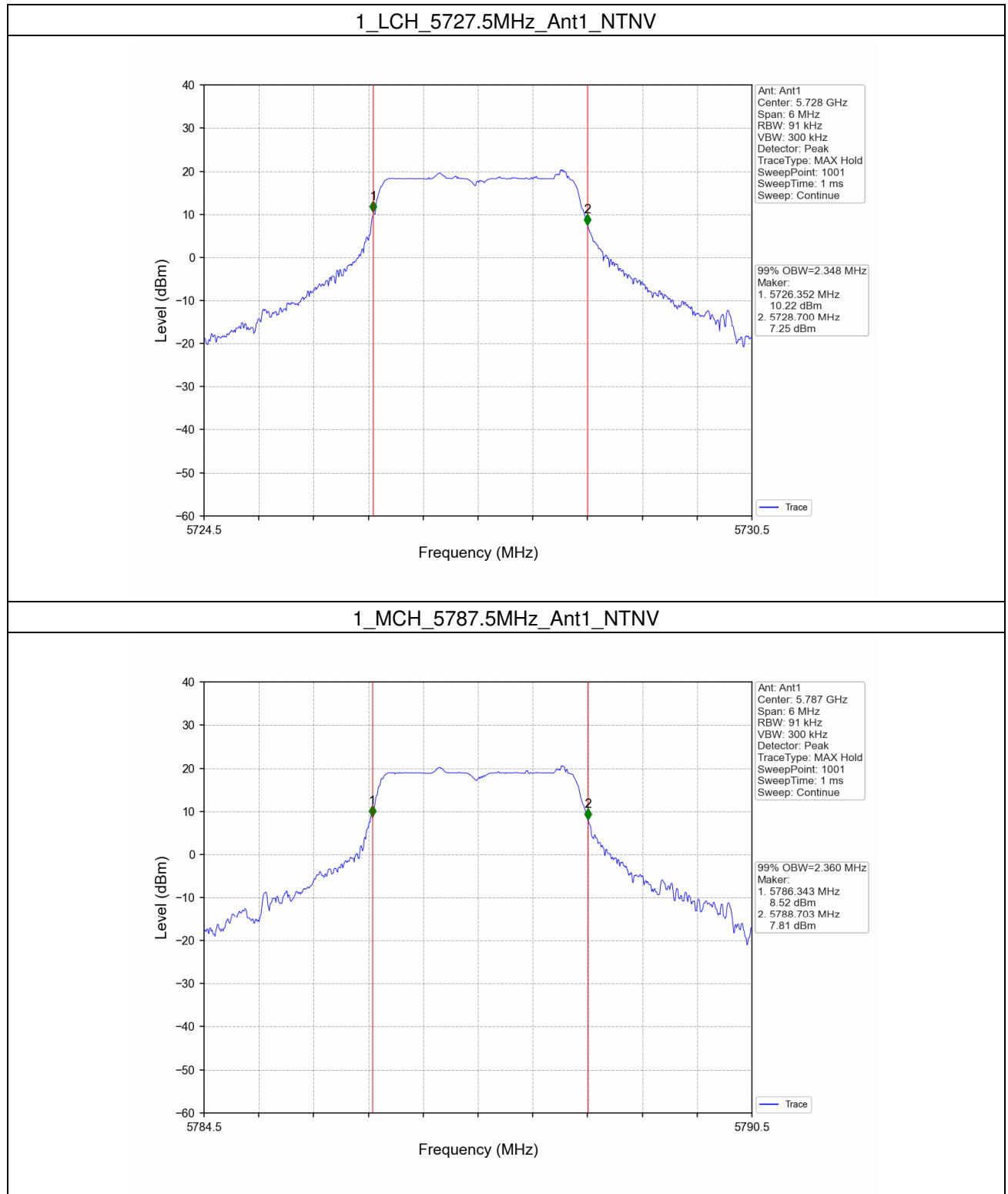
2. Bandwidth

2.1 OBW

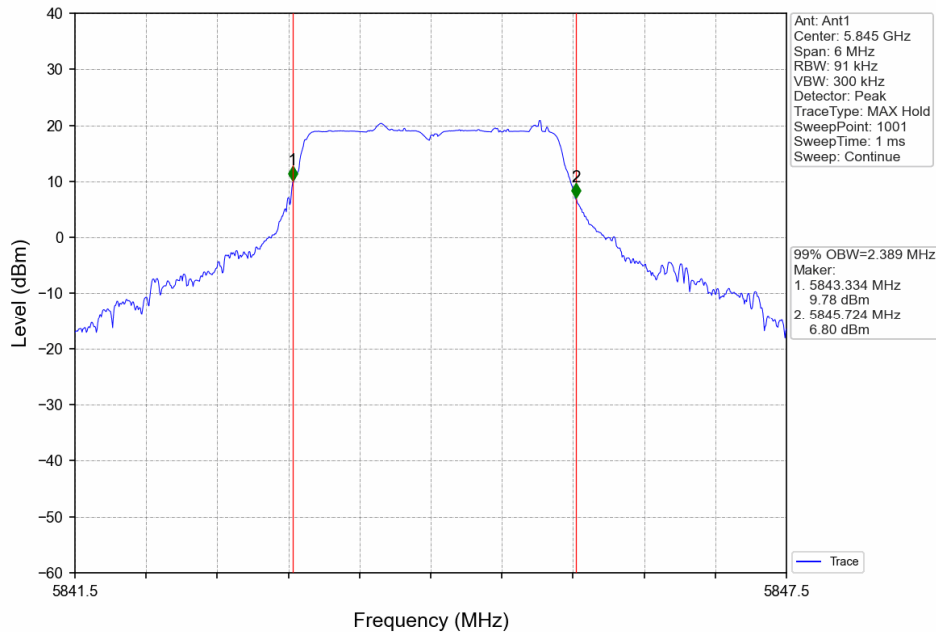
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	5727.5	1	2.35	/	Pass
		5787.5	1	2.36	/	Pass
		5844.5	1	2.39	/	Pass

2.1.2 Test Graph



1_HCH_5844.5MHz_Ant1_NTNV



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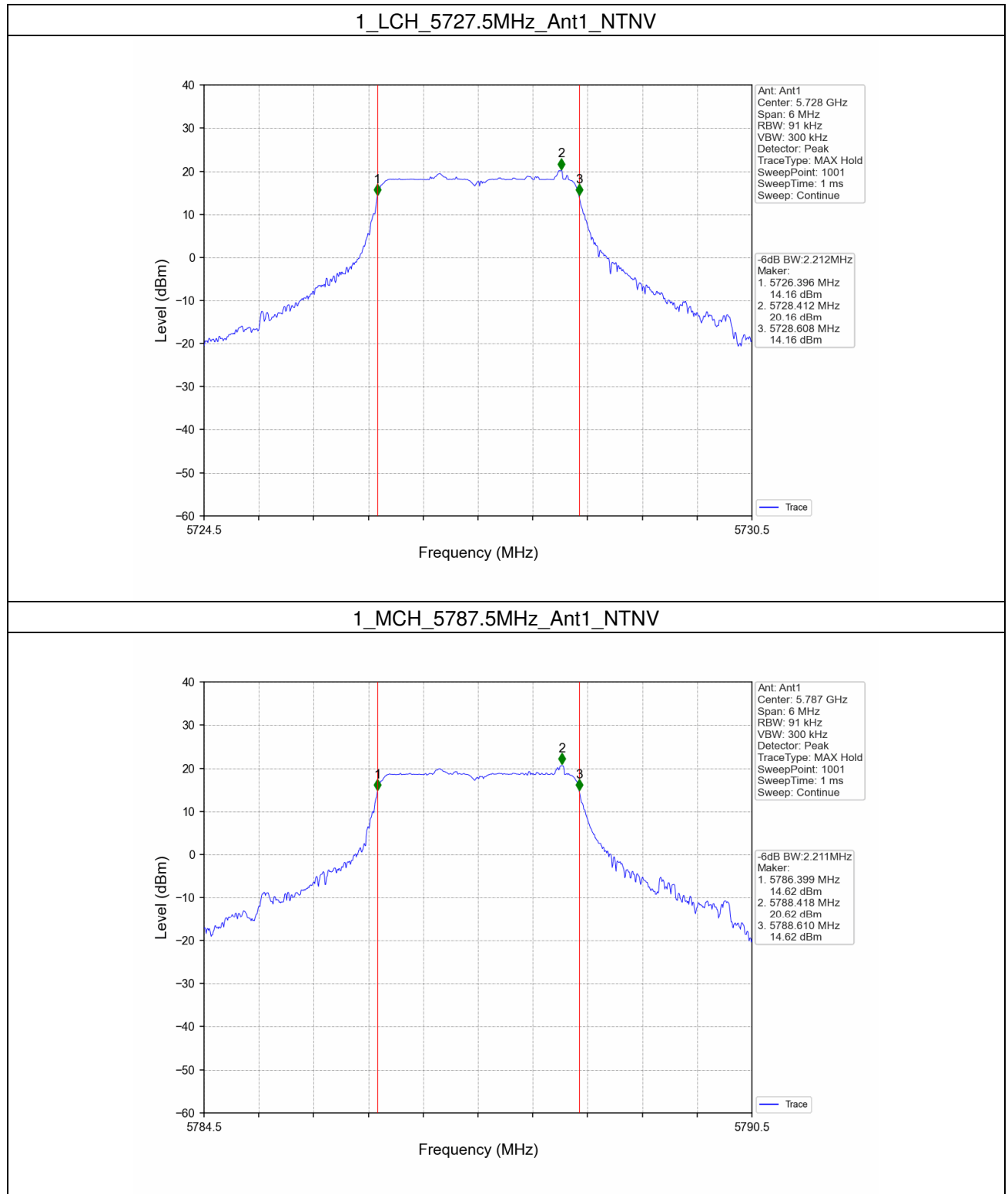
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2.2 6dB BW

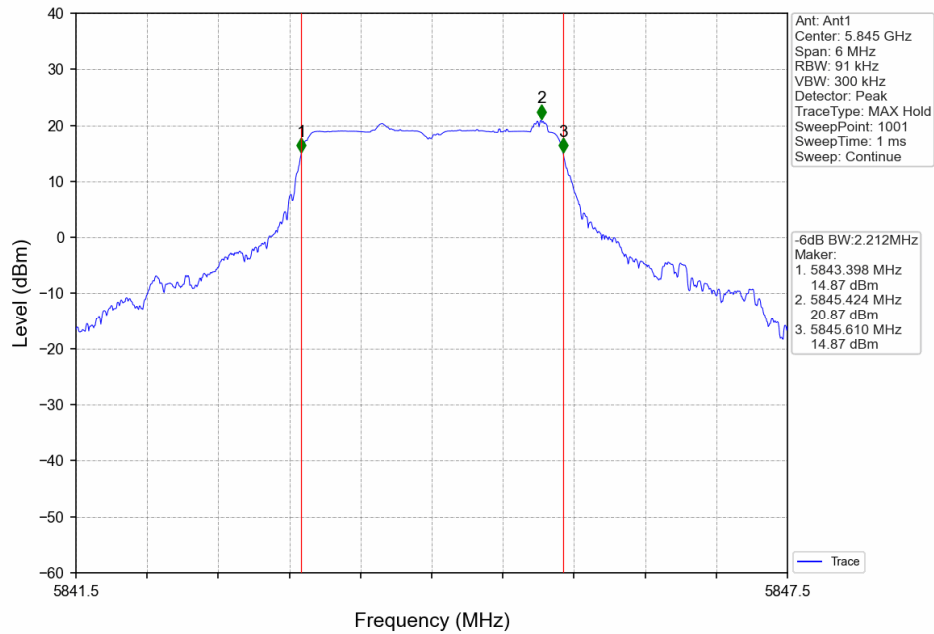
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5727.5	1	2.21	≥ 0.5	Pass
		5787.5	1	2.21	≥ 0.5	Pass
		5844.5	1	2.21	≥ 0.5	Pass

2.2.2 Test Graph



1_HCH_5844.5MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Average Output Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5727.5	23.48	22.90	26.21	<=29.24	Pass
		5787.5	23.10	22.93	26.03	<=29.24	Pass
		5844.5	22.91	22.73	25.83	<=29.24	Pass

Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;

Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$ 

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4. Maximum Power Spectral Density

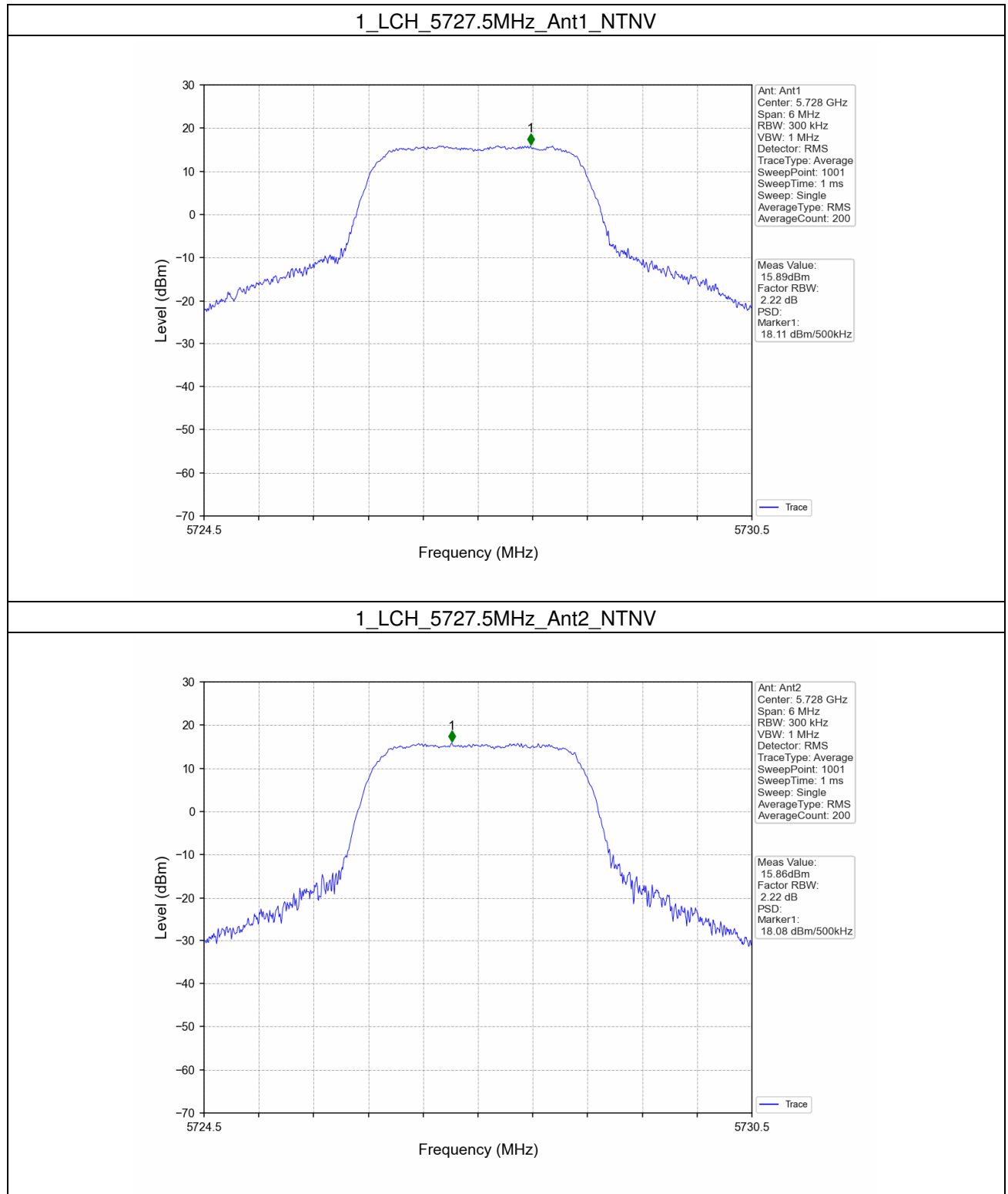
4.1 PSD

4.1.1 Test Result

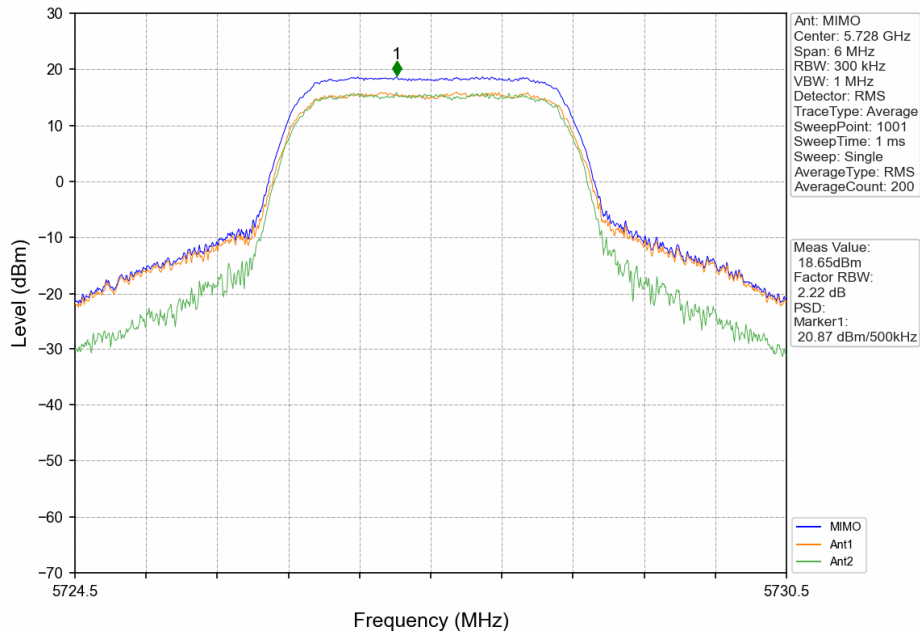
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)			Limit (dBm/500kHz)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5727.5	18.11	18.08	20.87	<=29.24	Pass
		5787.5	18.19	18.06	20.95	<=29.24	Pass
		5844.5	18.01	17.96	20.79	<=29.24	Pass

Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;
Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$.

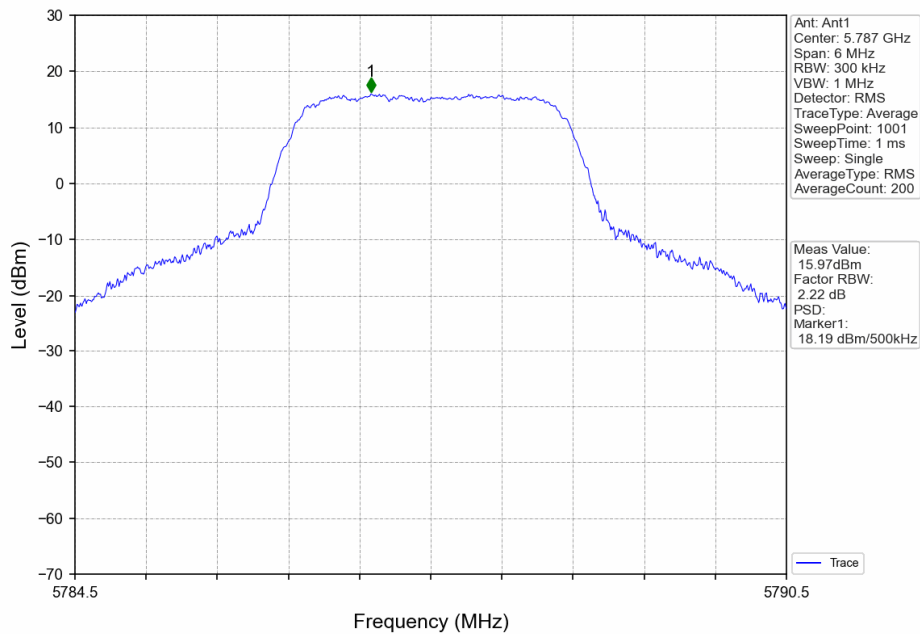
4.1.2 Test Graph



1_LCH_5727.5MHz_MIMO_NTNV



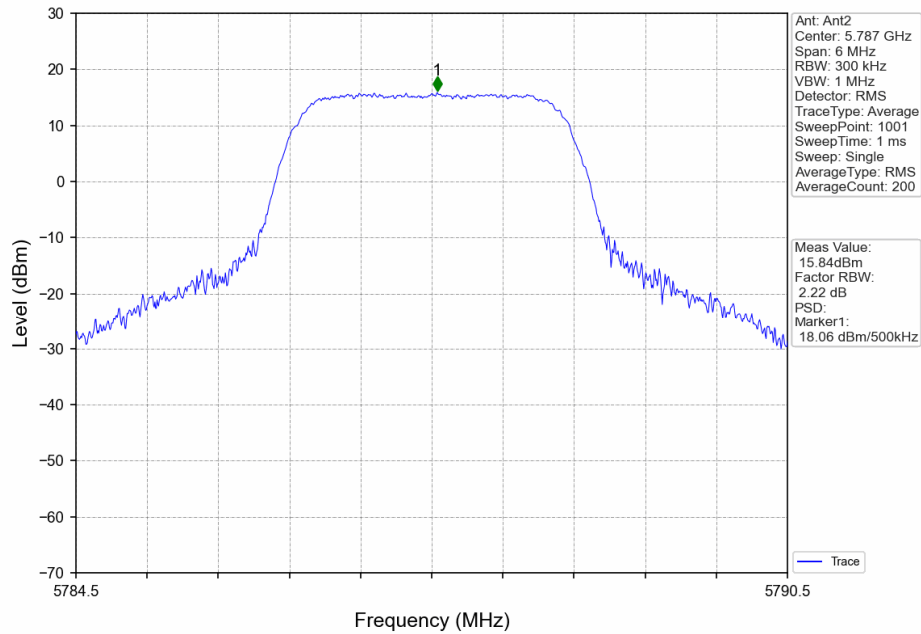
1_MCH_5787.5MHz_Ant1_NTNV



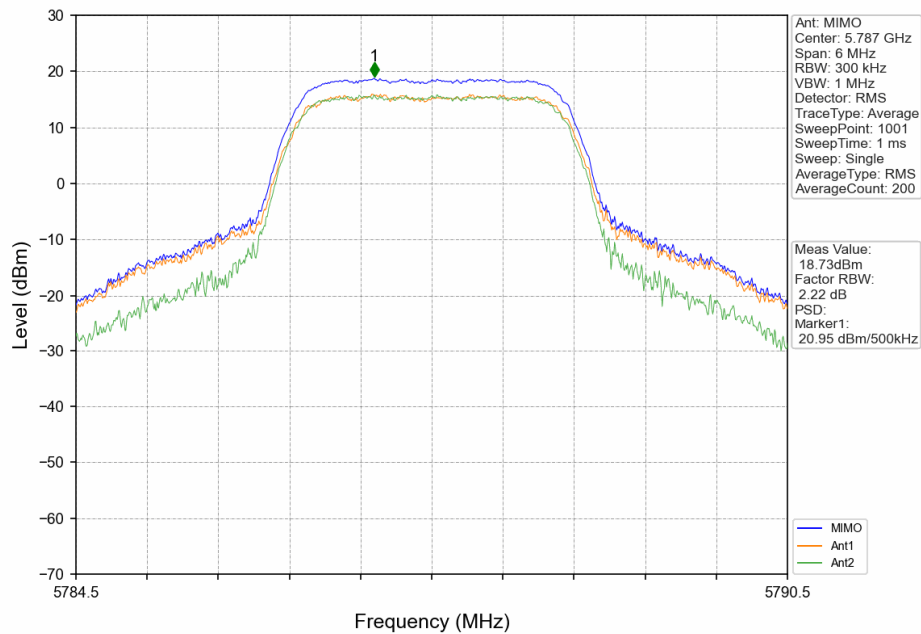
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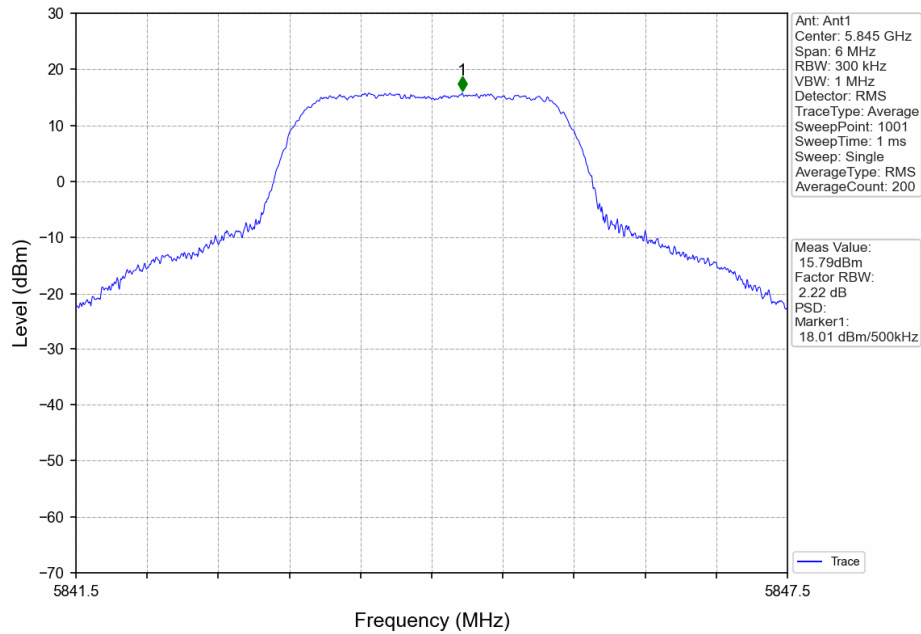
1_MCH_5787.5MHz_Ant2_NTNV



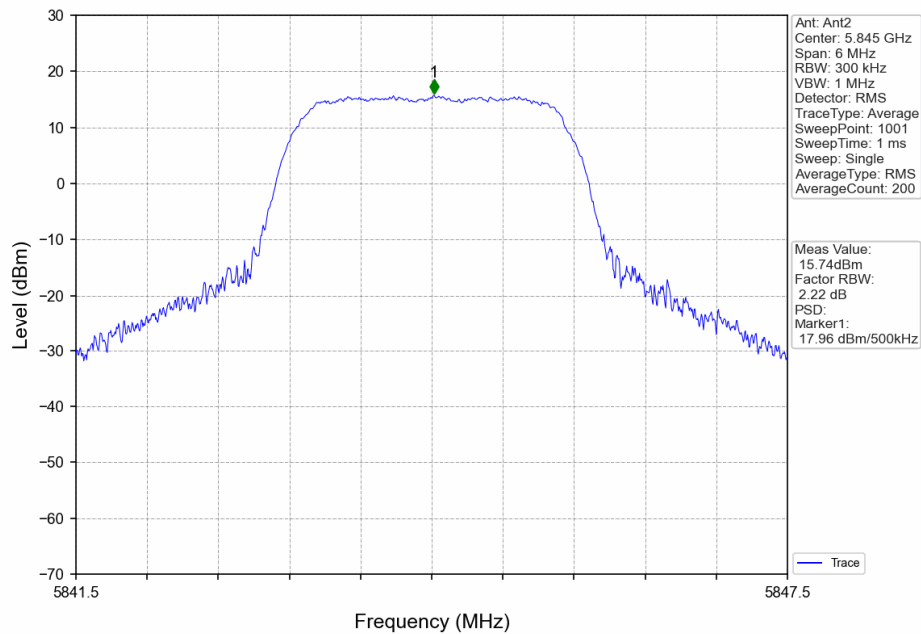
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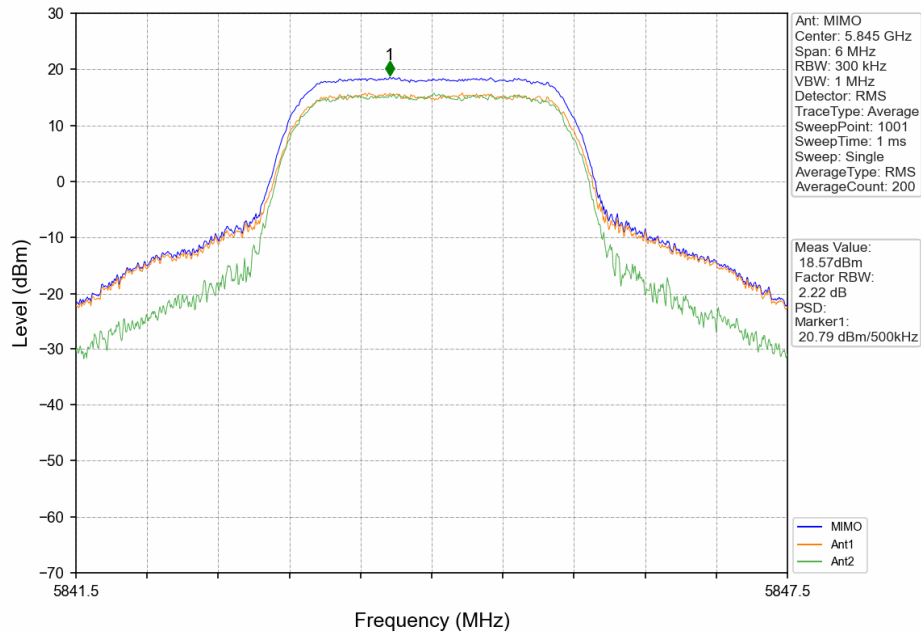
1_HCH_5844.5MHz_Ant1_NTNV



1_HCH_5844.5MHz_Ant2_NTNV



1_HCH_5844.5MHz_MIMO_NTNV



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MIMO Mode, 3MHz CA BW**1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

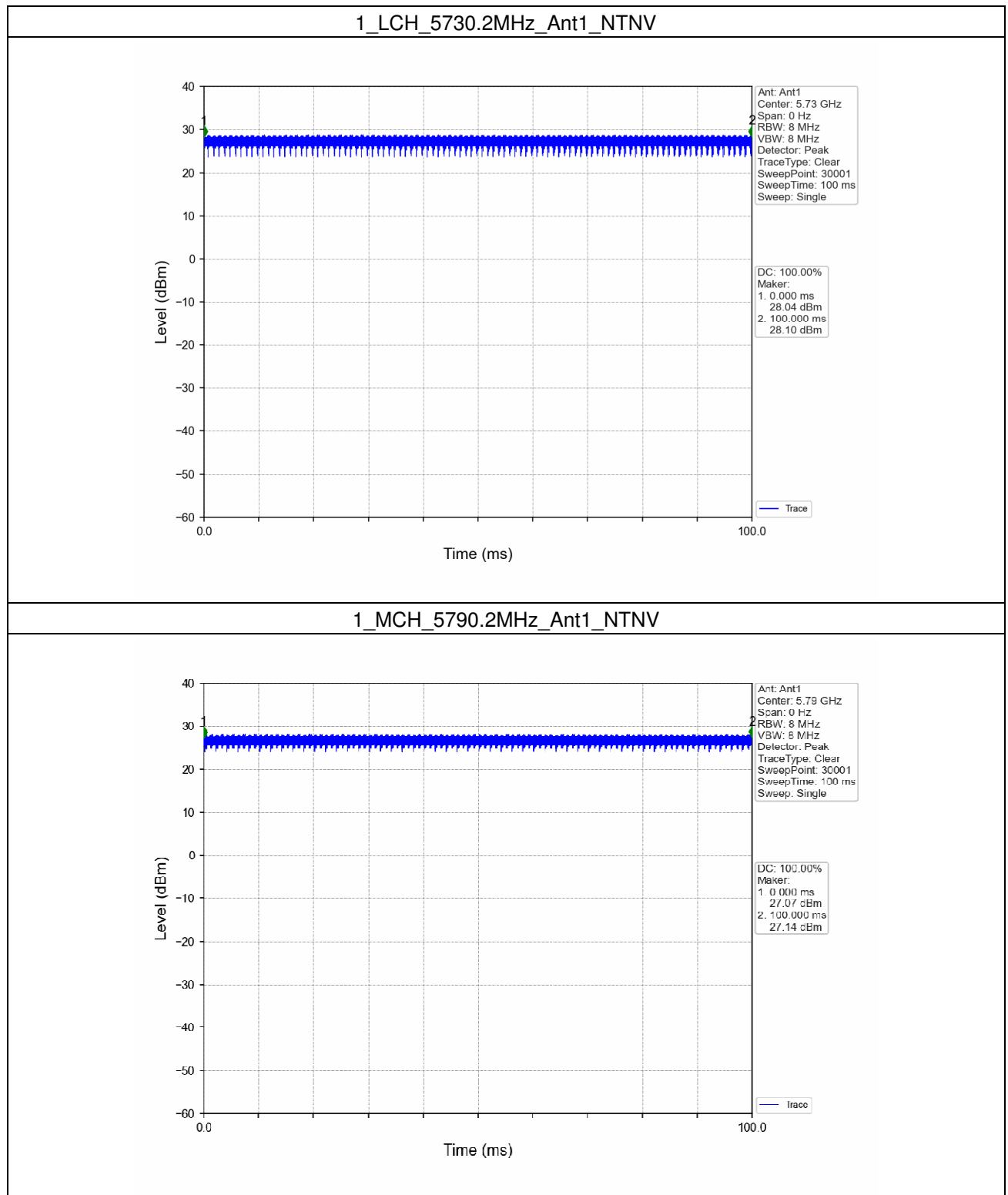
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5730.2	100.00	100.00	100.00	0.00	0.00
		5790.2	100.00	100.00	100.00	0.00	0.00
		5847.2	100.00	100.00	100.00	0.00	0.00



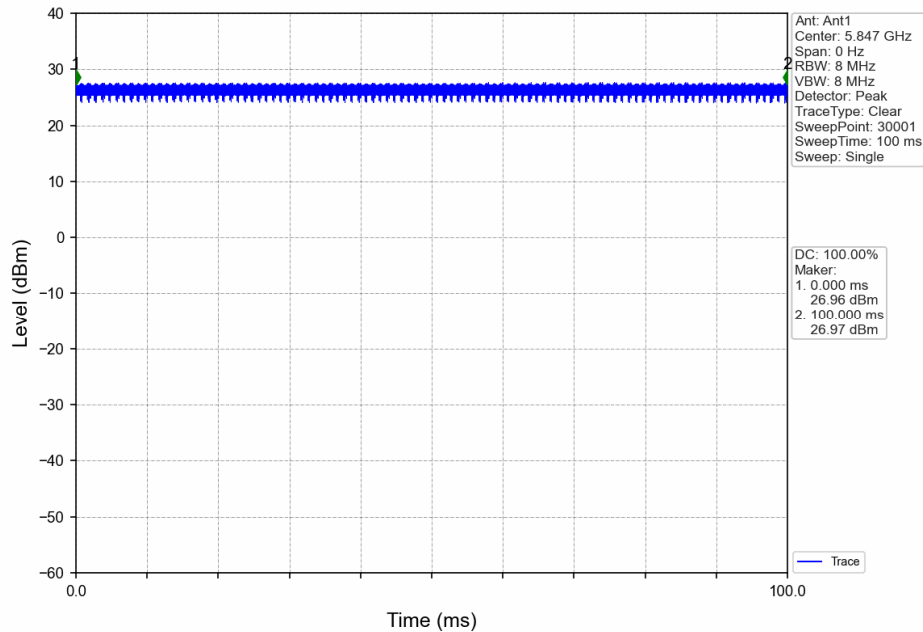
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1.1.2 Test Graph



1_HCH_5847.2MHz_Ant1_NTNV



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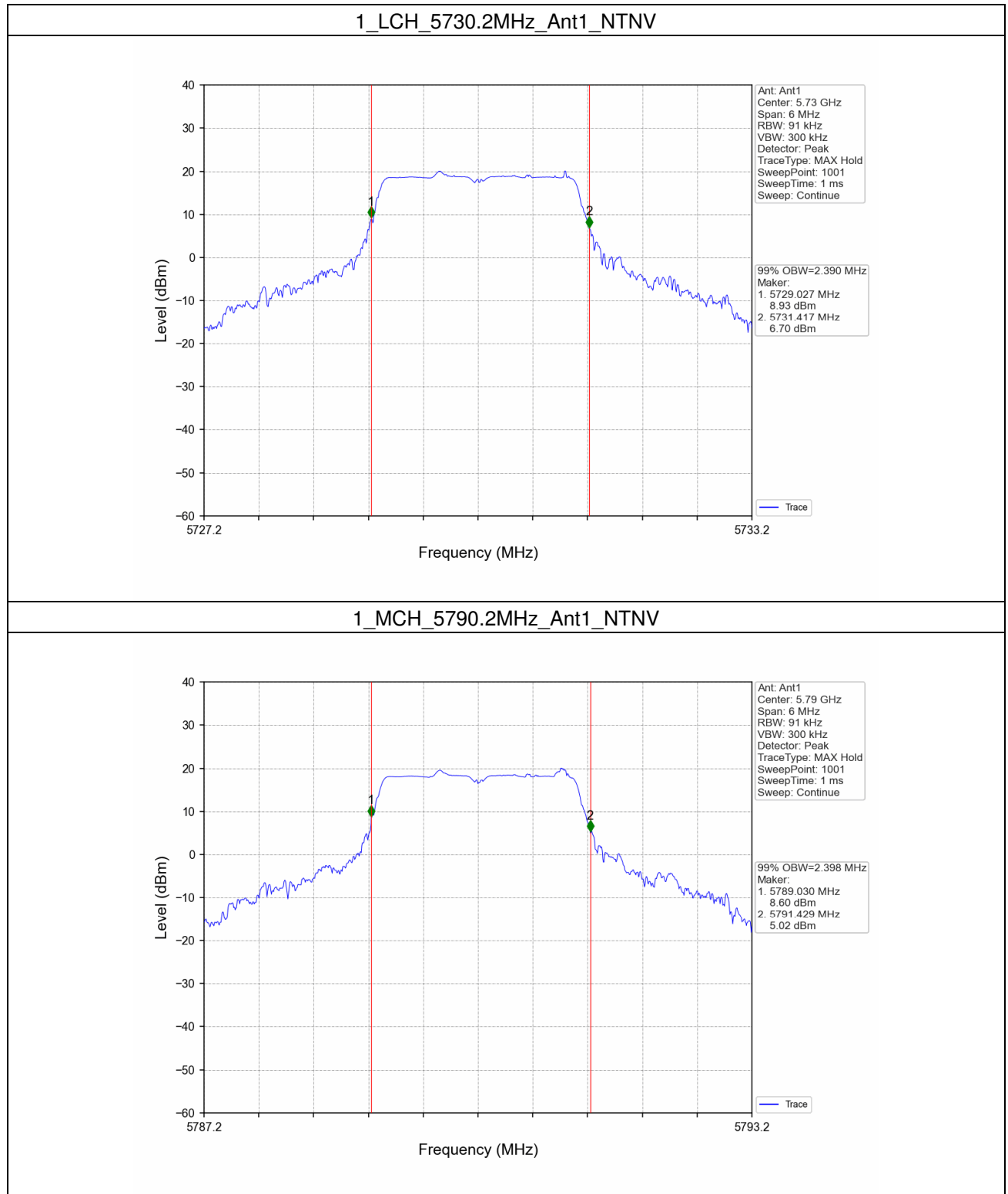
2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.2	1	2.39	/	Pass
		5790.2	1	2.40	/	Pass
		5847.2	1	2.41	/	Pass

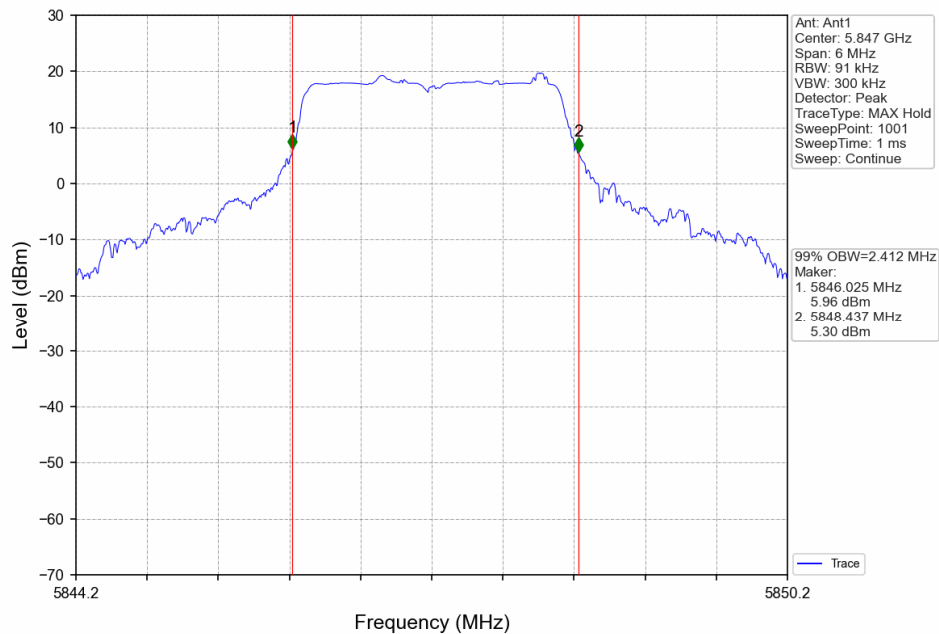
2.1.2 Test Graph



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1_HCH_5847.2MHz_Ant1_NTNV



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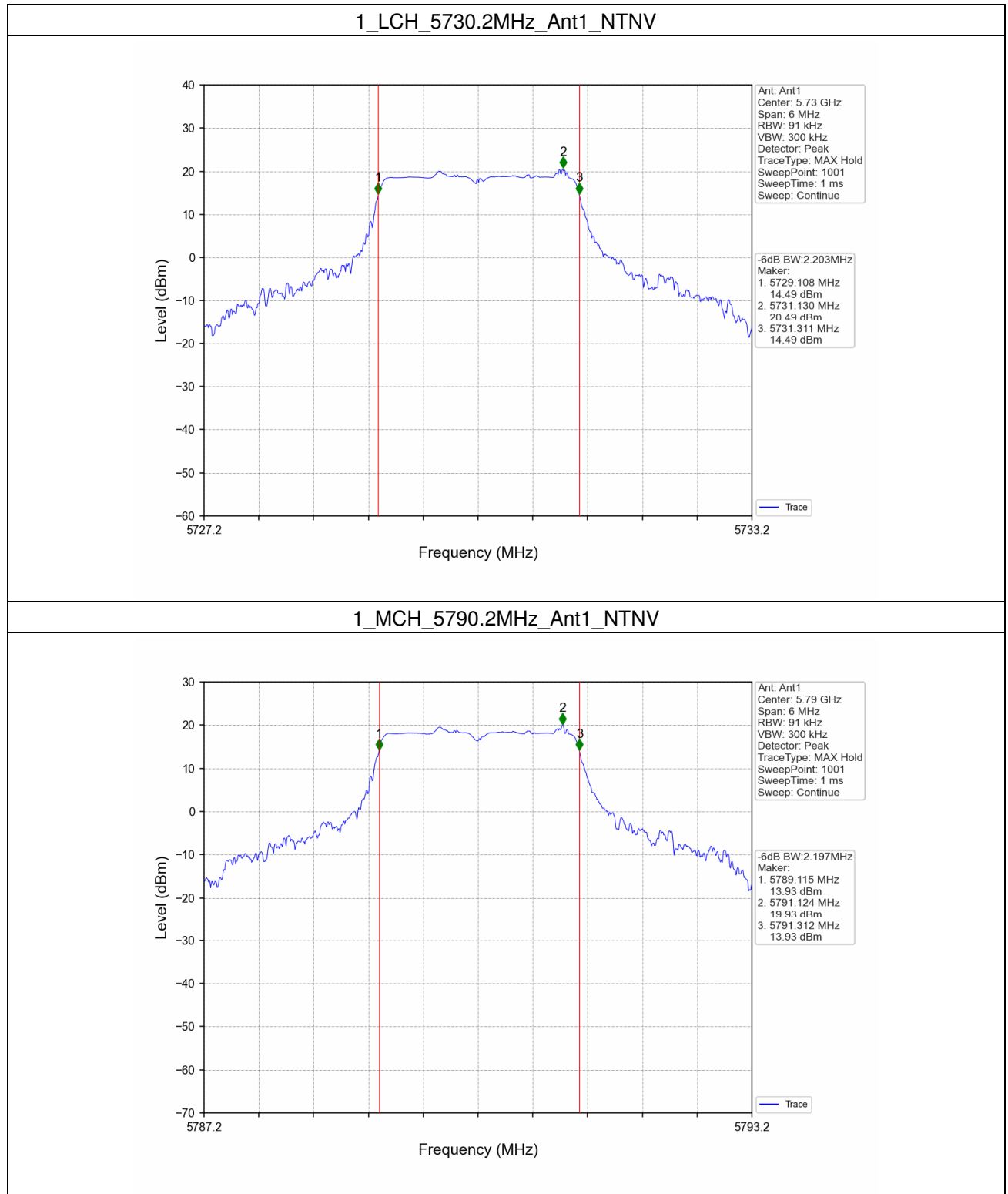
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2.2 6dB BW

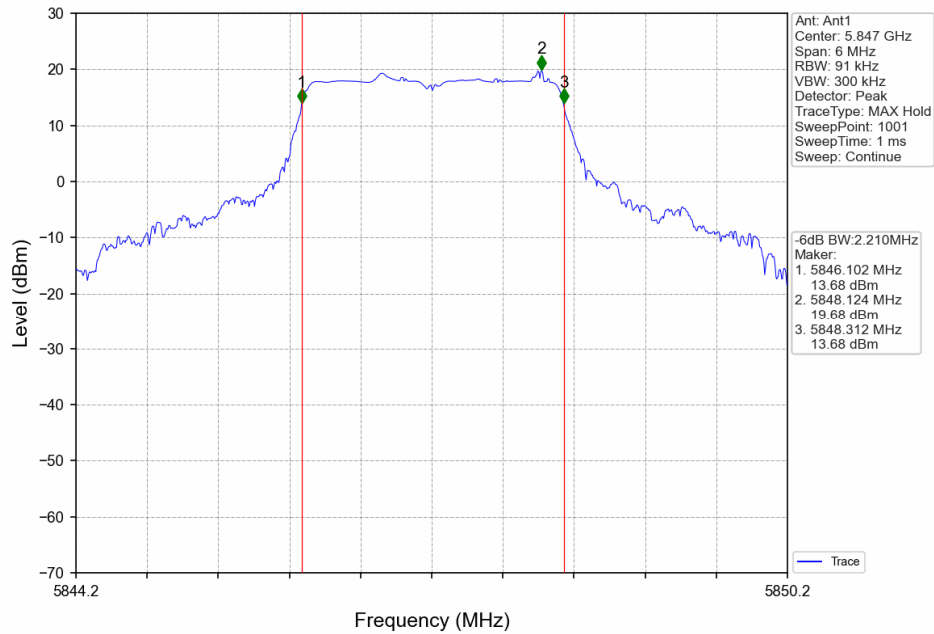
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.2	1	2.20	≥ 0.5	Pass
		5790.2	1	2.20	≥ 0.5	Pass
		5847.2	1	2.21	≥ 0.5	Pass

2.2.2 Test Graph



1_HCH_5847.2MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Measured Average Output Power (dBm)			Limit (dBm)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5730.2	23.45	22.94	26.21	<=29.24	Pass
		5790.2	22.93	23.01	25.98	<=29.24	Pass
		5847.2	22.71	22.73	25.73	<=29.24	Pass
Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi; Note2: Directional Gain=10log [(10 ^{G1/20} + 10 ^{G2/20}) ² /N _{ANT}] = 10log [(10 ^{3.50/20} + 10 ^{4.00/20}) ² /2] = 6.76dBi							

4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)			Limit (dBm/500kHz)	Verdict
			Ant1	Ant2	Sum		
1	MIMO	5730.2	18.58	17.95	21.14	<=29.24	Pass
		5790.2	18.01	18.02	20.86	<=29.24	Pass
		5847.2	18.18	17.85	20.70	<=29.24	Pass

Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;
Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$.

4.1.2 Test Graph

