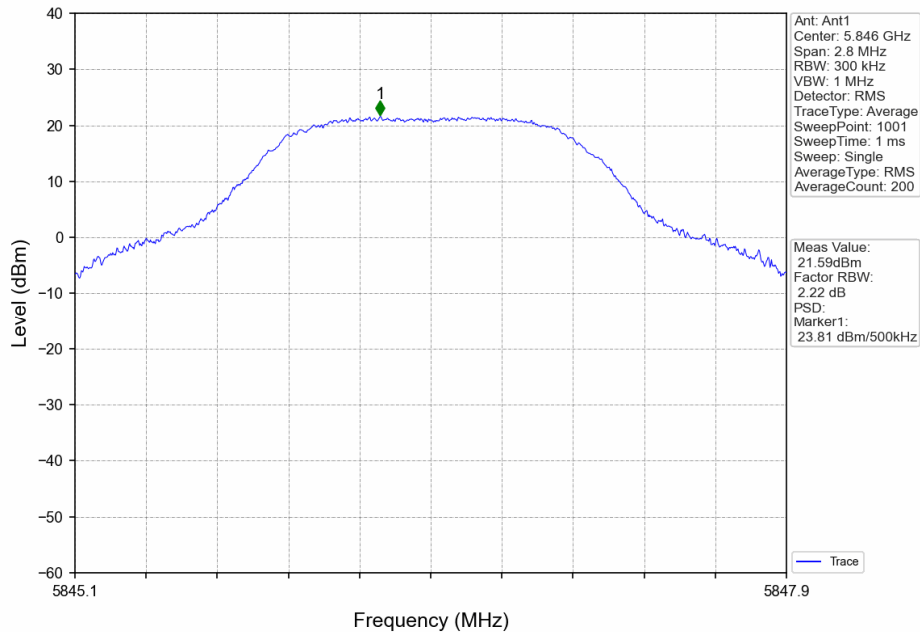
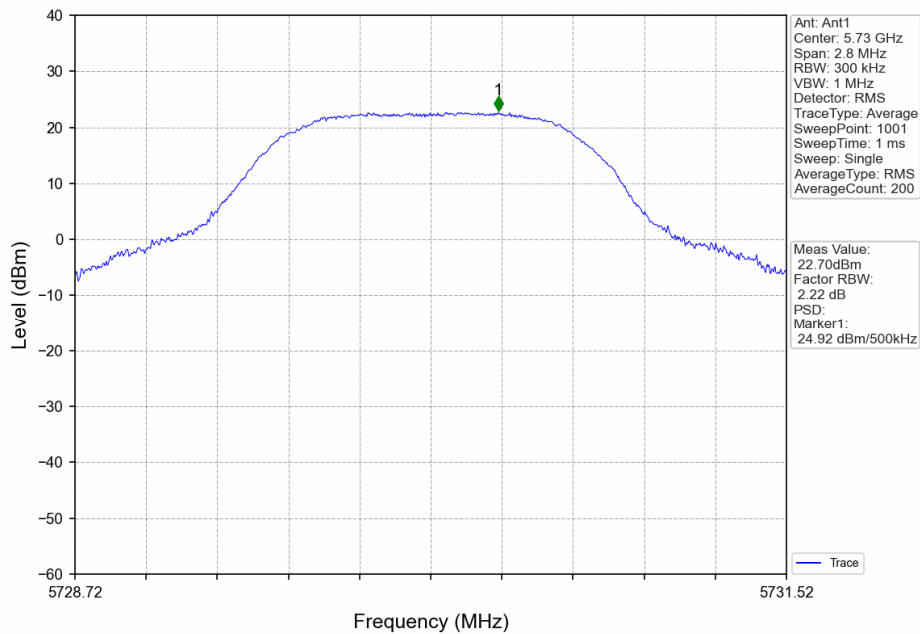


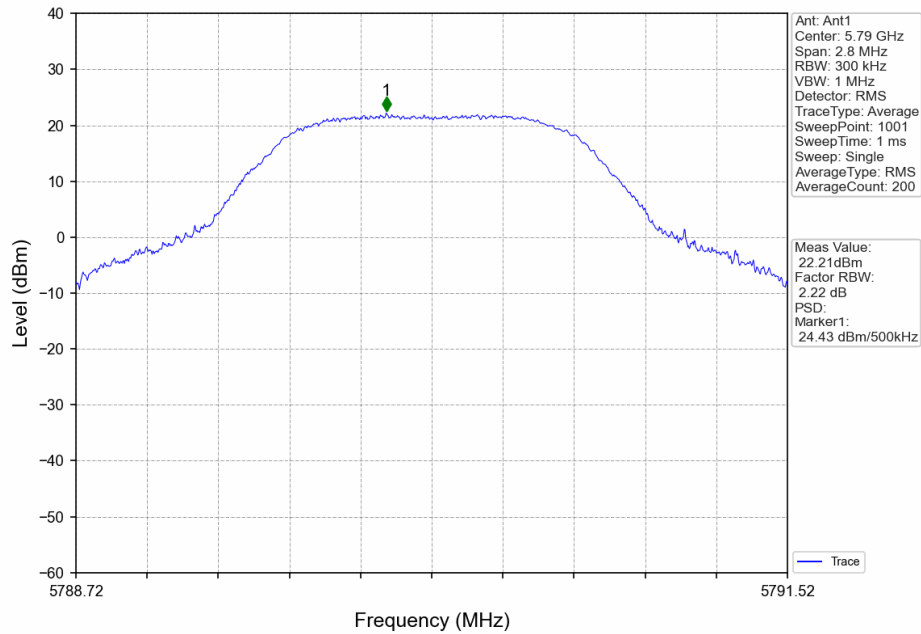
## 1.4\_HCH\_5846.5MHz\_Ant2\_NTNV



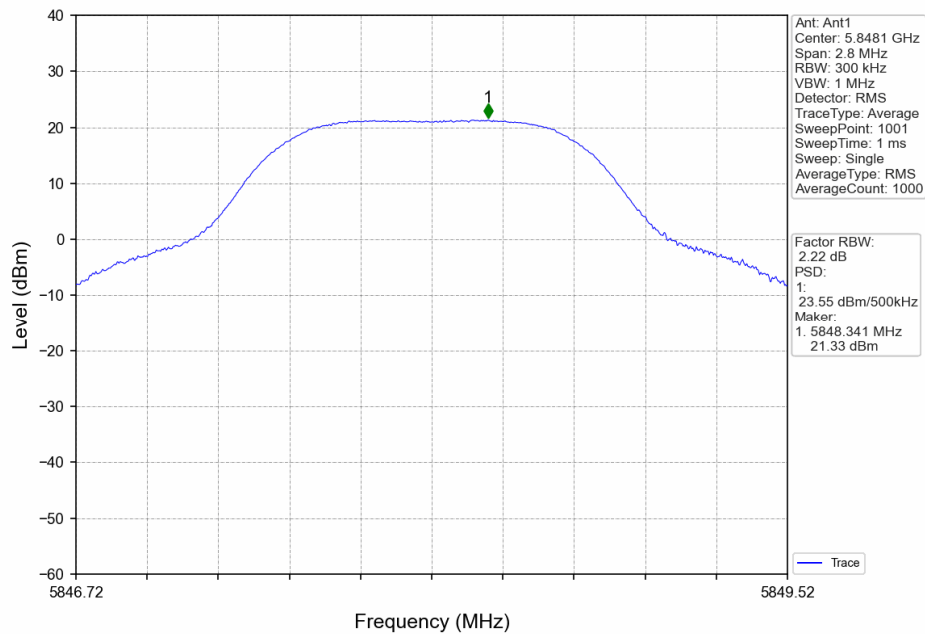
## 1.4\_CA\_LCH\_5730.12MHz\_Ant2\_NTNV



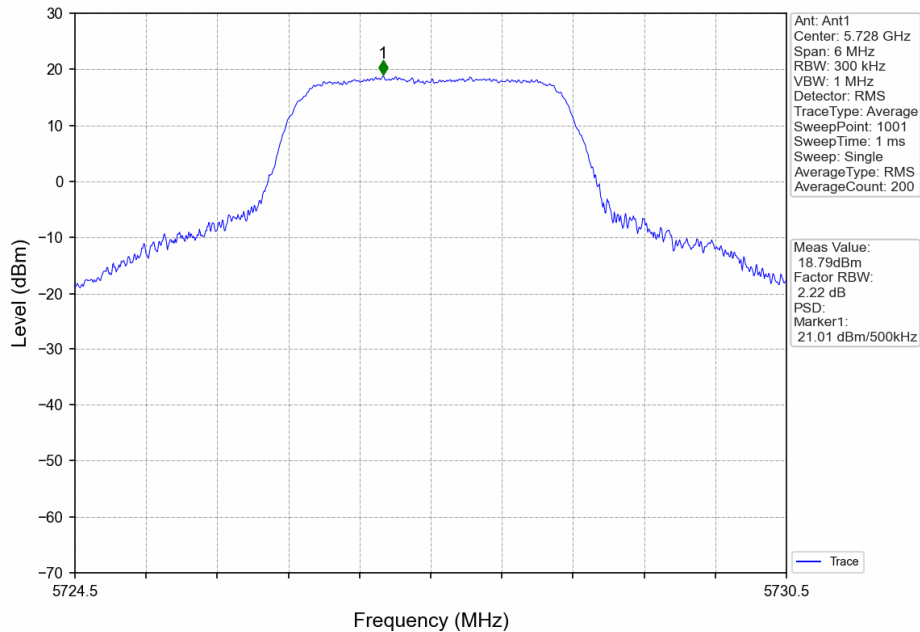
1.4 CA\_MCH\_5790.12MHz\_Ant2\_NTNV



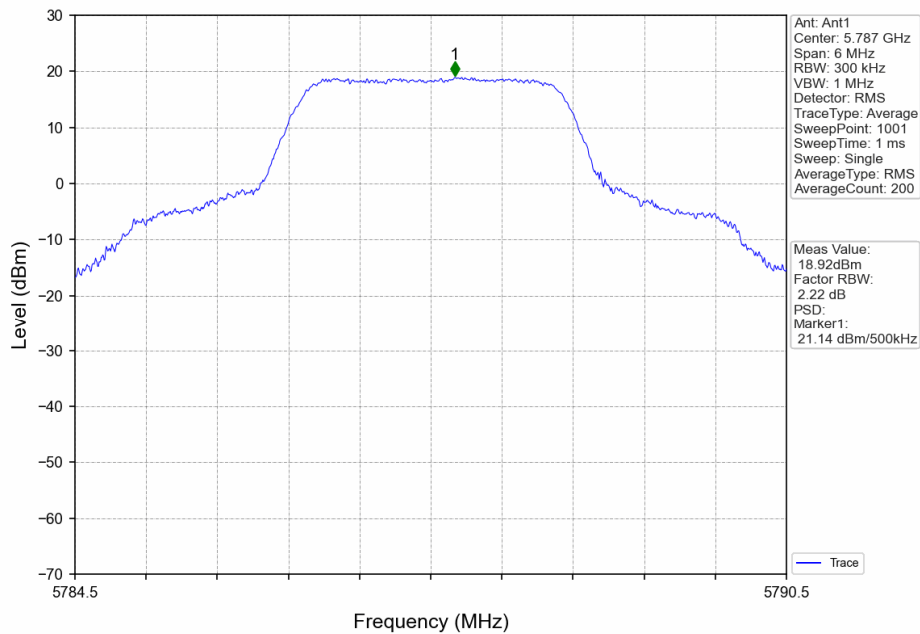
1.4 CA\_HCH\_5848.12MHz\_Ant2\_NTNV



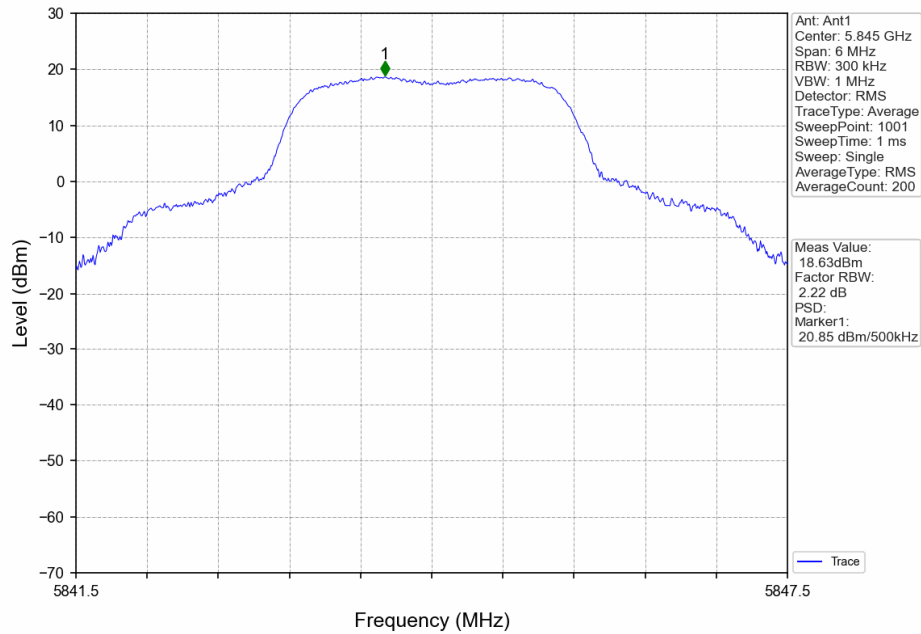
3\_LCH\_5727.5MHz\_Ant2\_NTNV



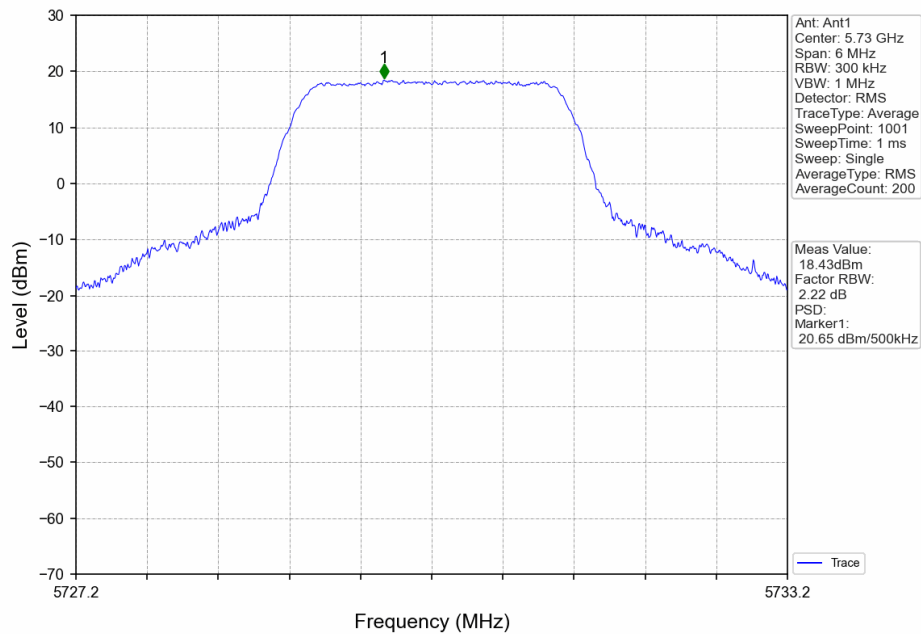
3\_MCH\_5787.5MHz\_Ant2\_NTNV



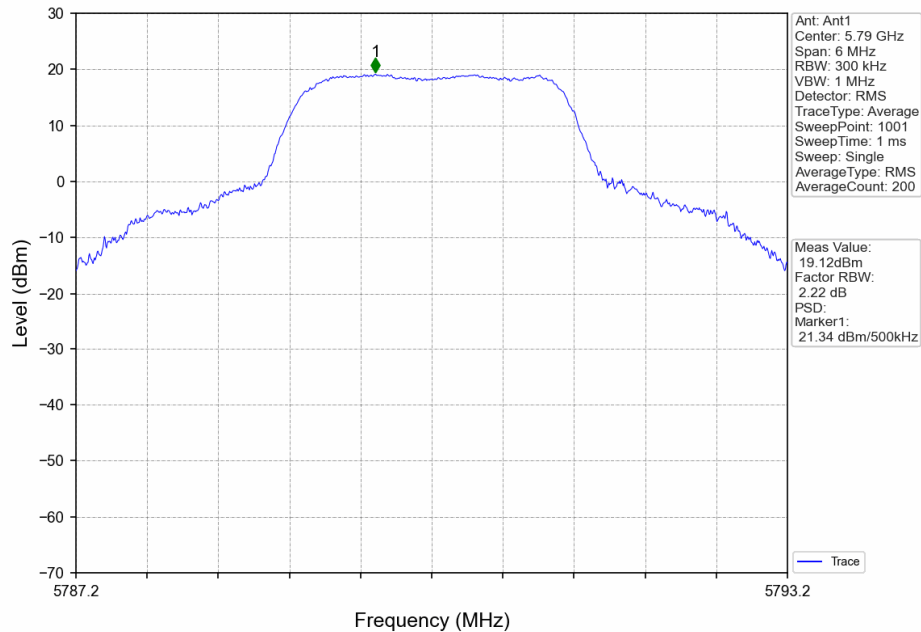
3\_HCH\_5844.5MHz\_Ant2\_NTNV



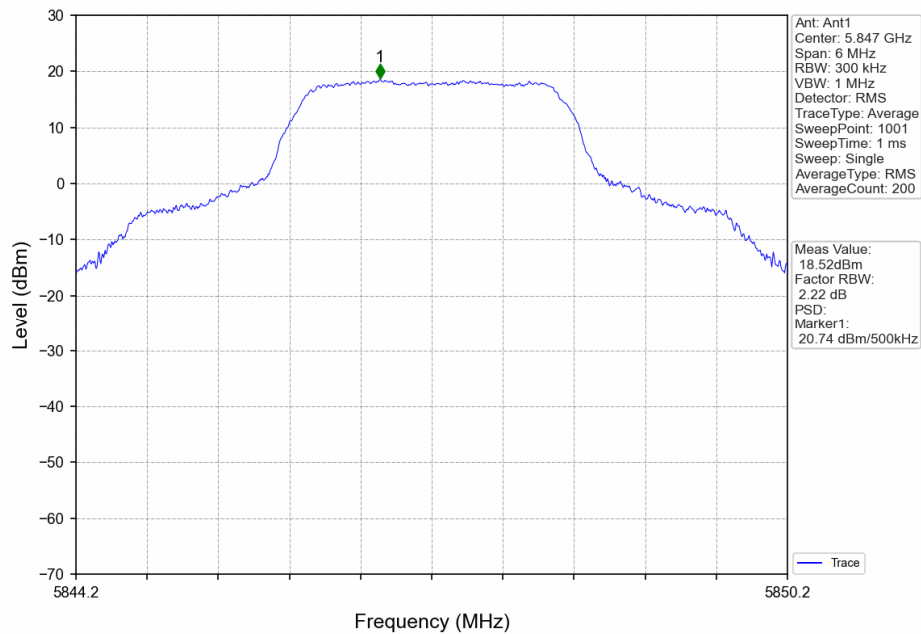
3\_CA\_LCH\_5730.2MHz\_Ant2\_NTNV



3 CA\_MCH\_5790.2MHz\_Ant2\_NTNV

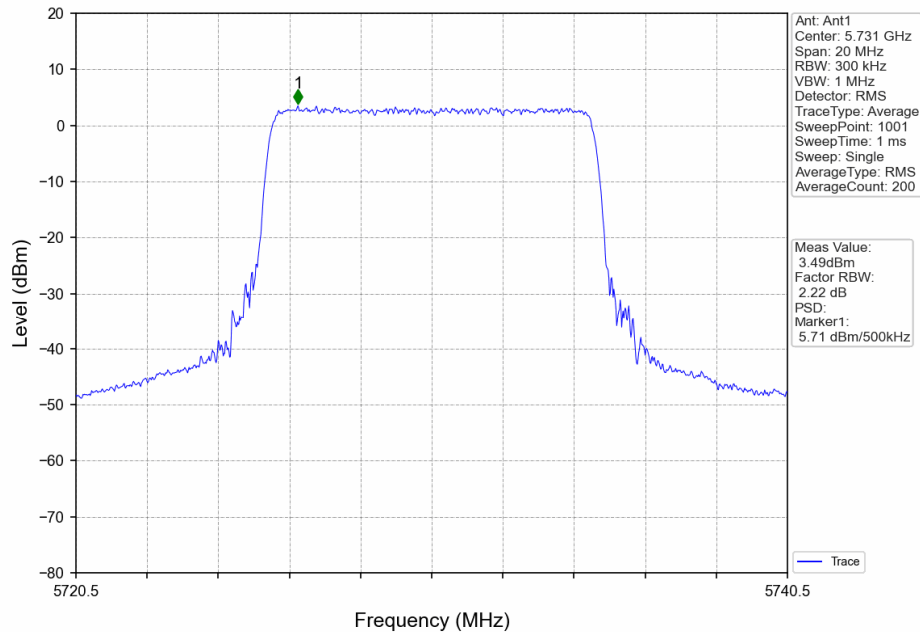


3 CA\_HCH\_5847.2MHz\_Ant2\_NTNV

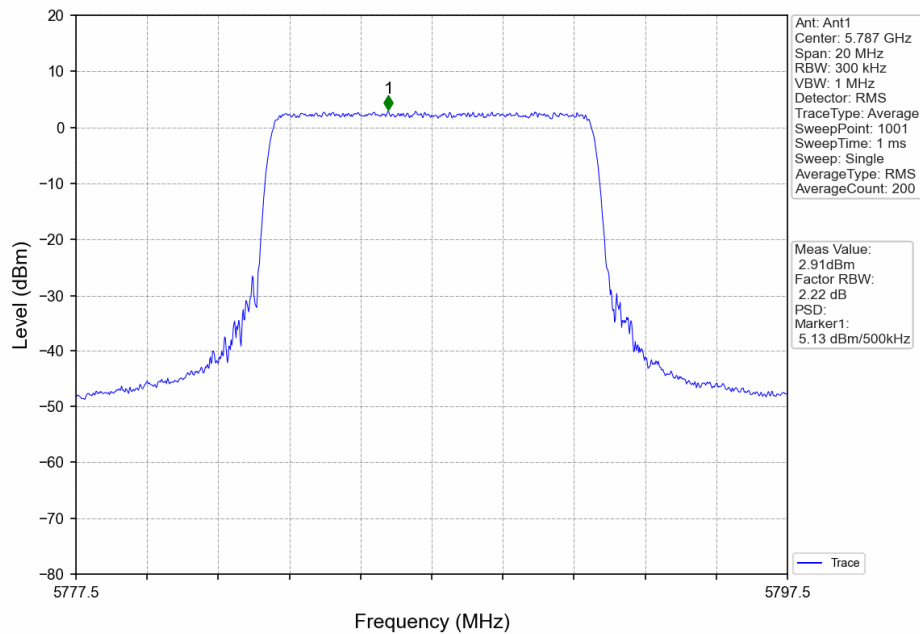




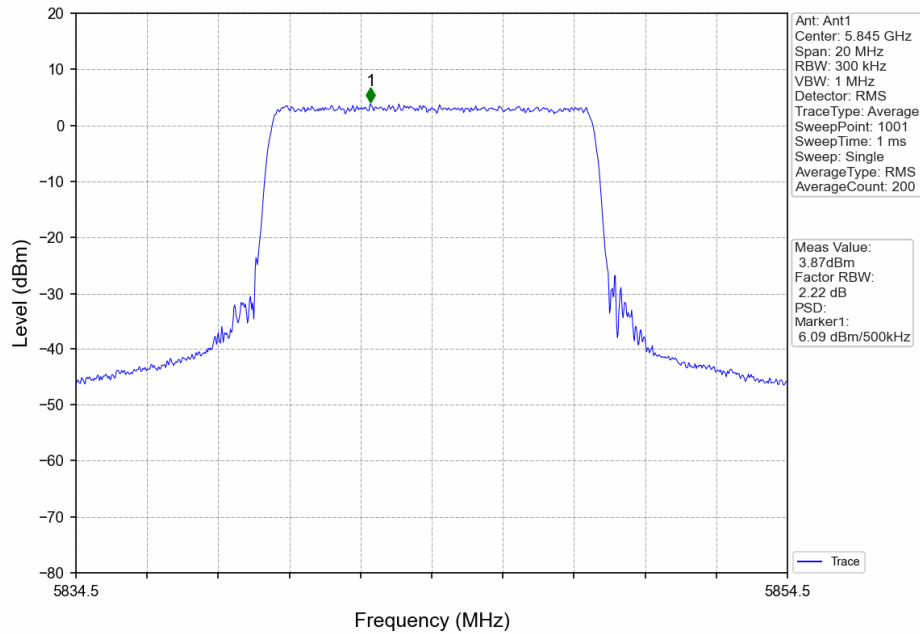
10\_LCH\_5730.5MHz\_Ant2\_NTNV



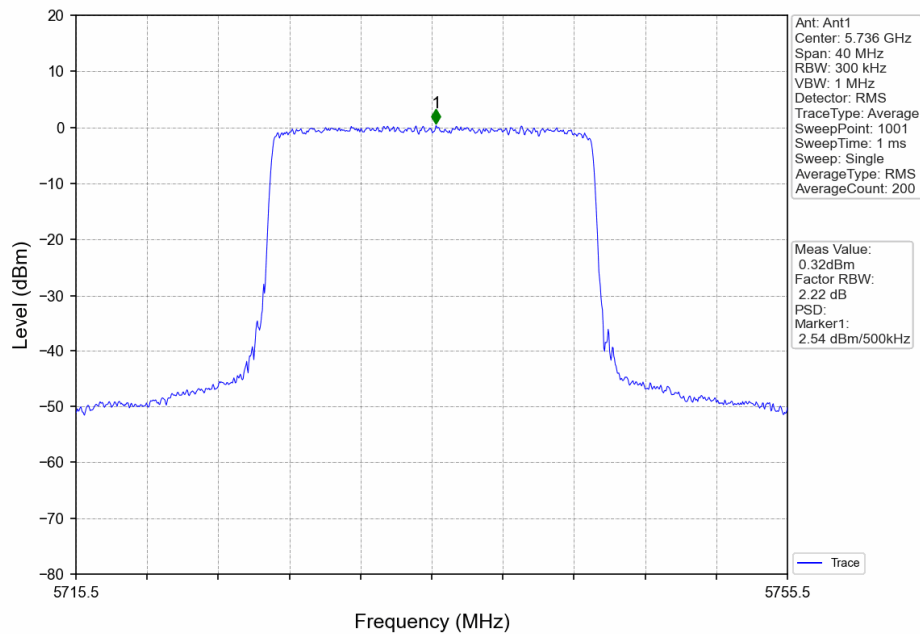
10\_MCH\_5787.5MHz\_Ant2\_NTNV



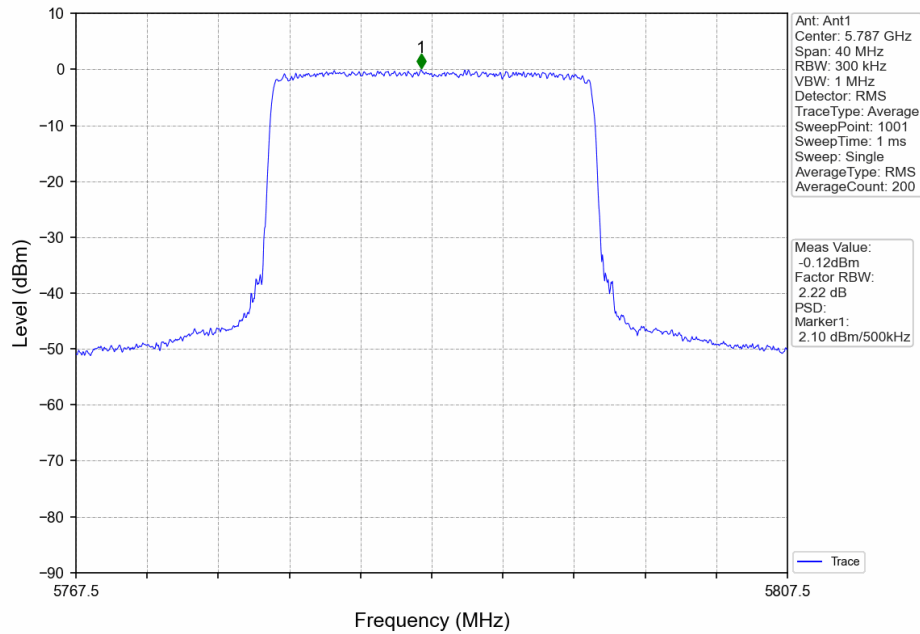
10\_HCH\_5844.5MHz\_Ant2\_NTNV



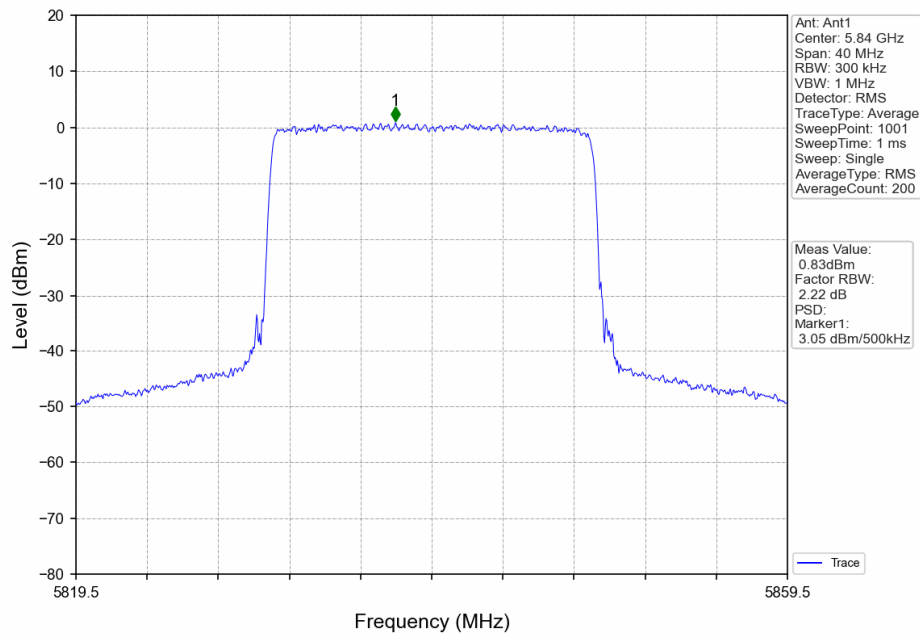
20\_LCH\_5735.5MHz\_Ant2\_NTNV



20\_MCH\_5787.5MHz\_Ant2\_NTNV

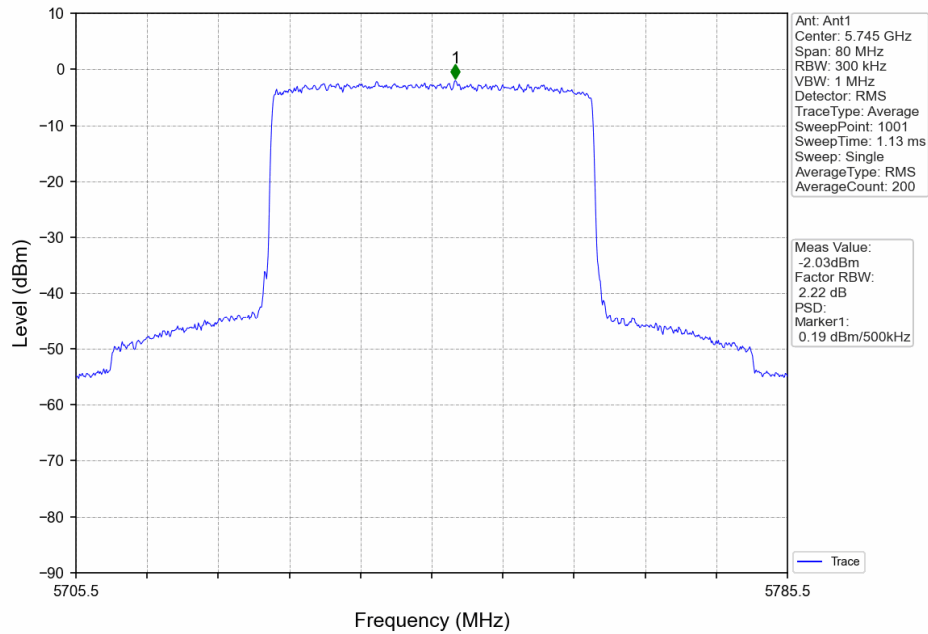


20\_HCH\_5839.5MHz\_Ant2\_NTNV

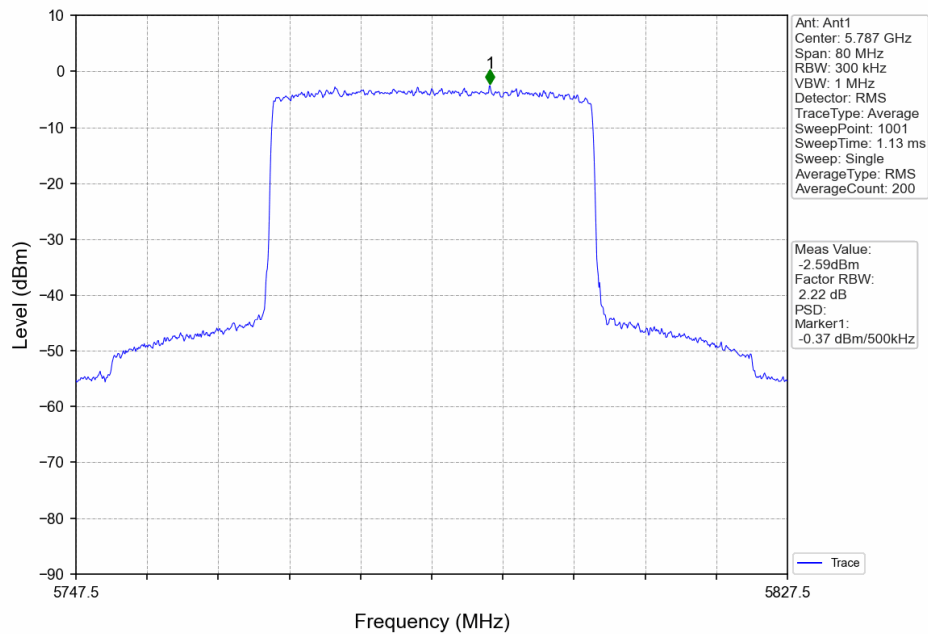




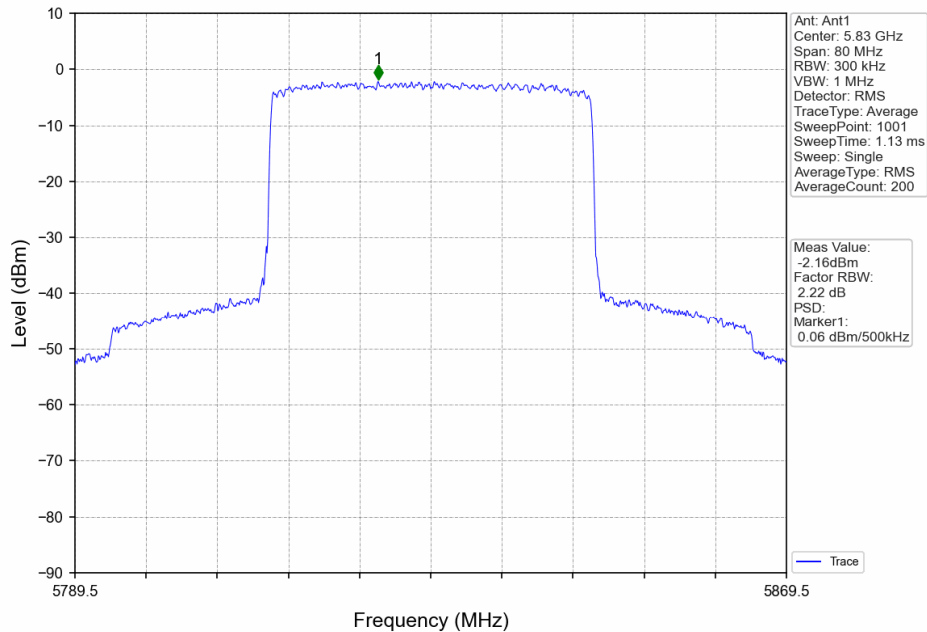
40\_LCH\_5745.5MHz\_Ant2\_NTNV



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**

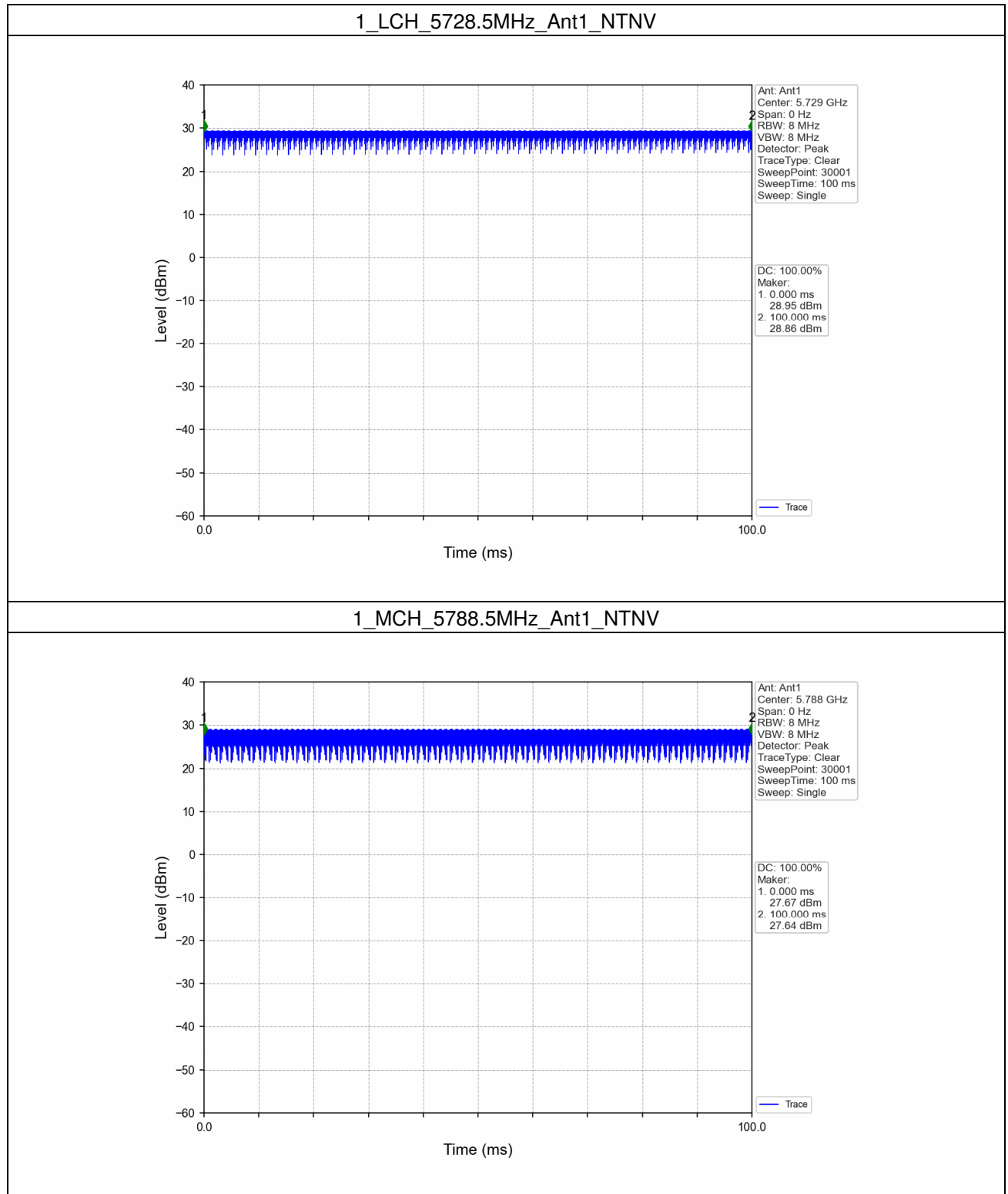
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5728.5	100.00	100.00	100.00	0.00	0.00
		5788.5	100.00	100.00	100.00	0.00	0.00
		5846.5	100.00	100.00	100.00	0.00	0.00



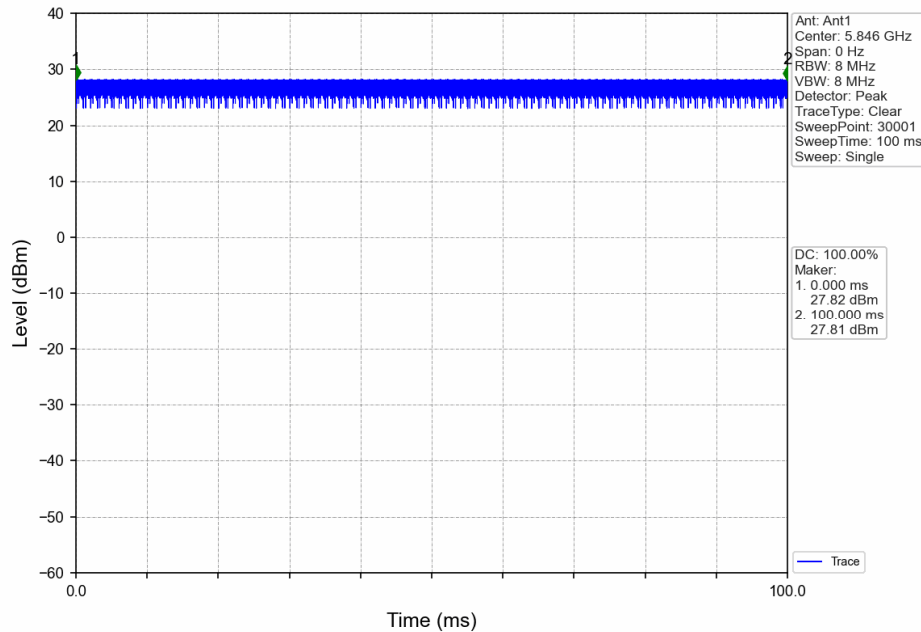
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### 1.1.2 Test Graph



1\_HCH\_5846.5MHz\_Ant1\_NTNV



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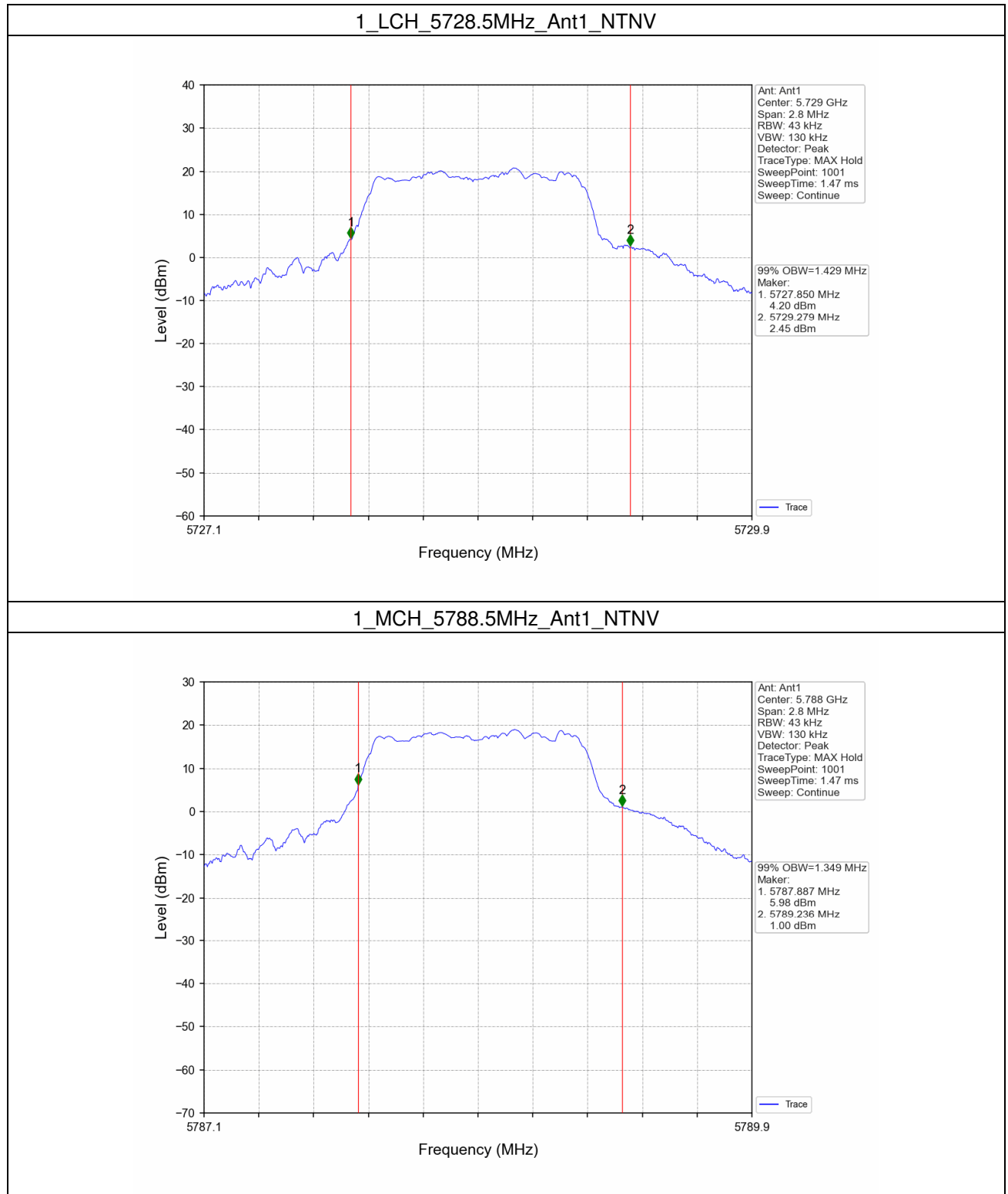
## 2. Bandwidth

### 2.1 OBW

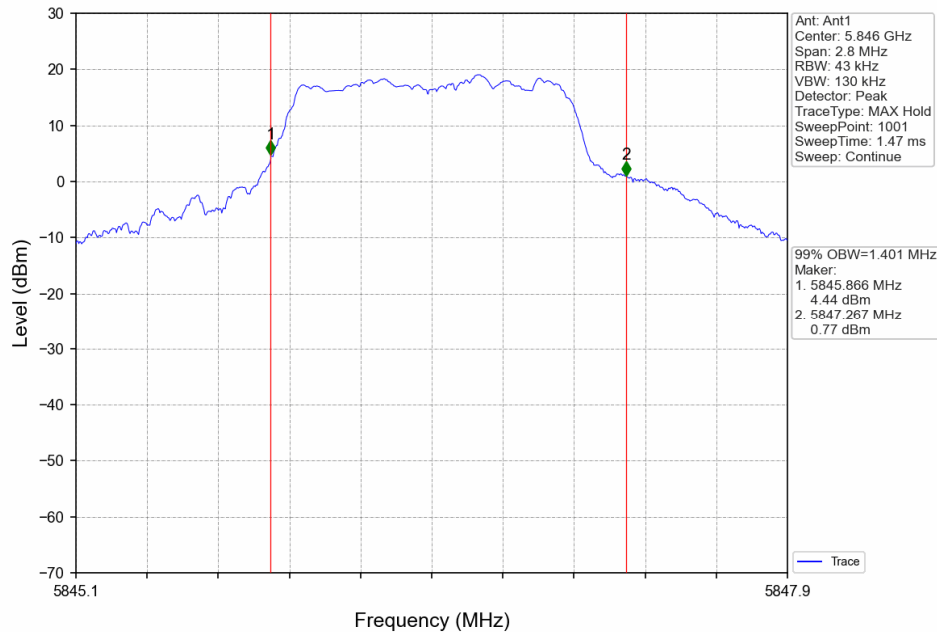
#### 2.1.1 Test Result

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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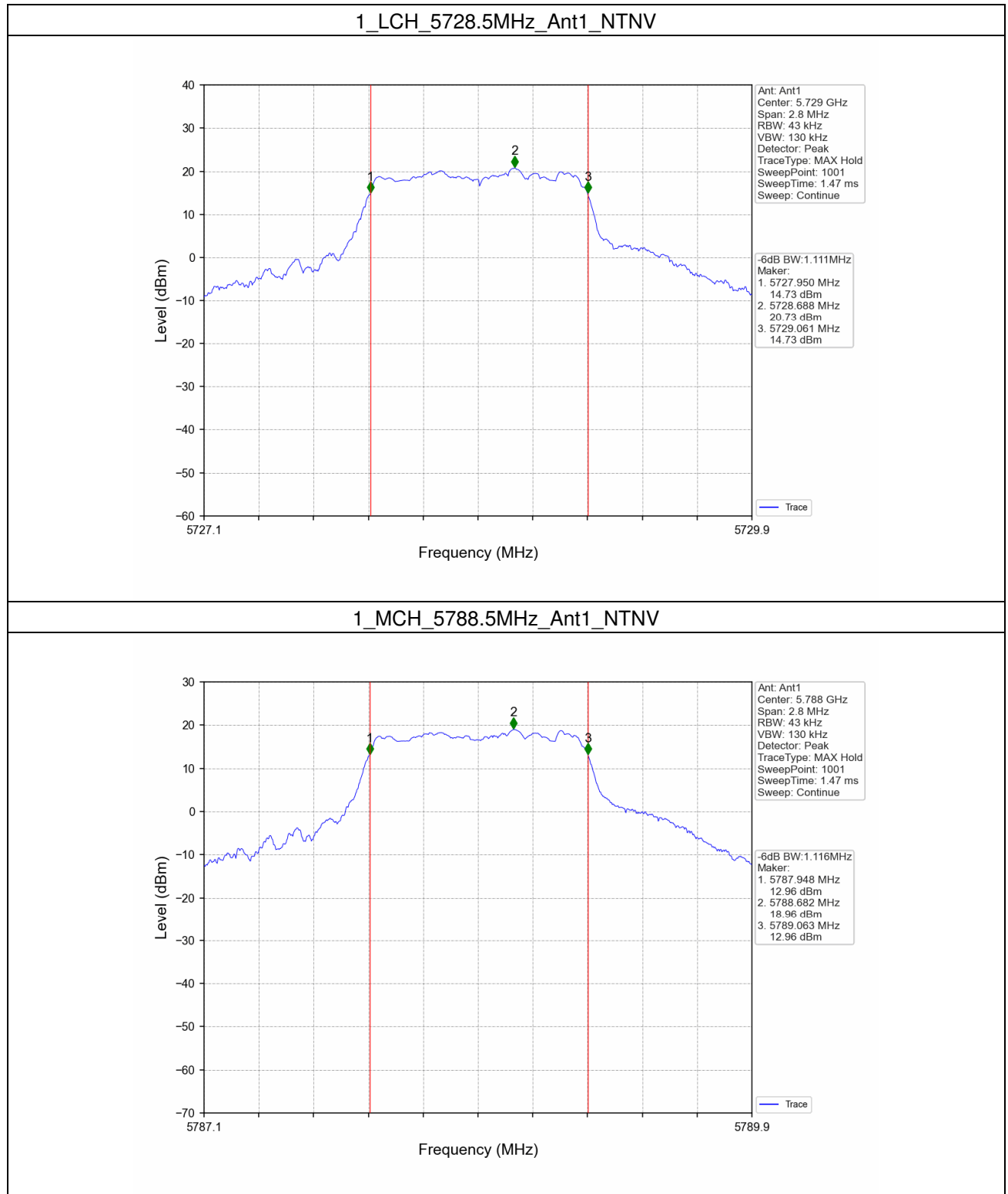
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## 2.2 6dB BW

## 2.2.1 Test Result

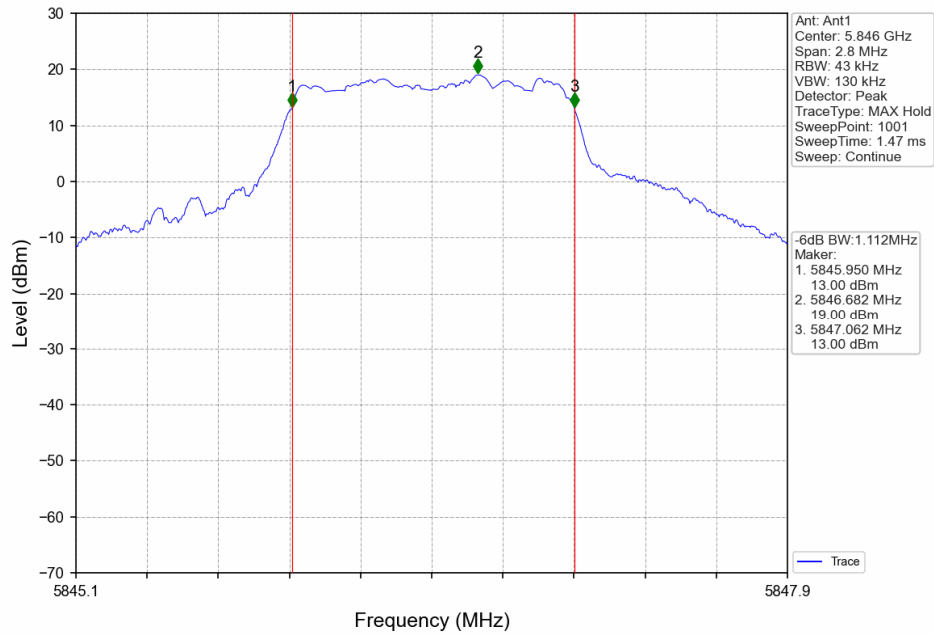
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5728.5	1	1.11	$\geq 0.5$	Pass
		5788.5	1	1.12	$\geq 0.5$	Pass
		5846.5	1	1.11	$\geq 0.5$	Pass

### 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

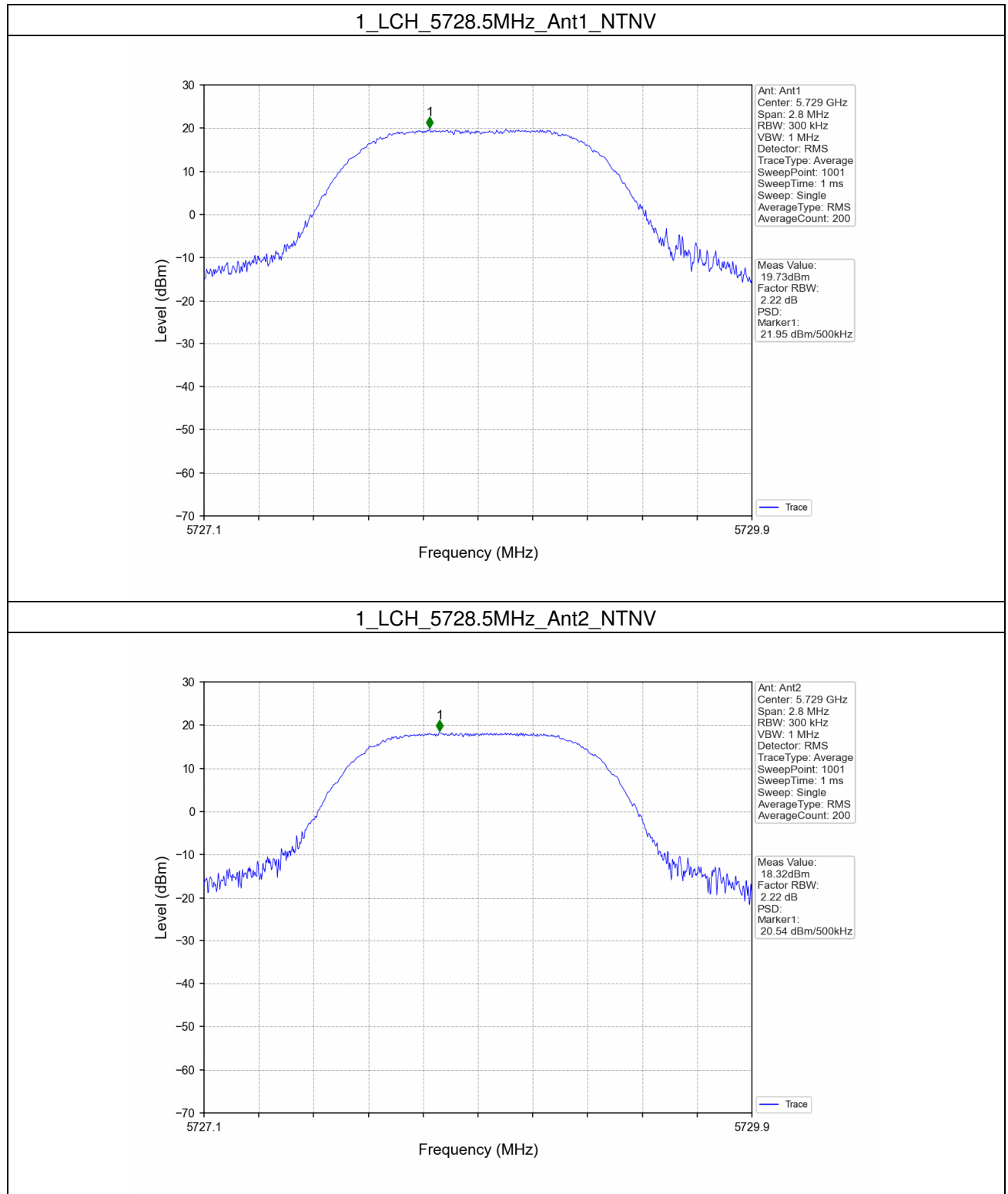
## 4.1.1 Test Result

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

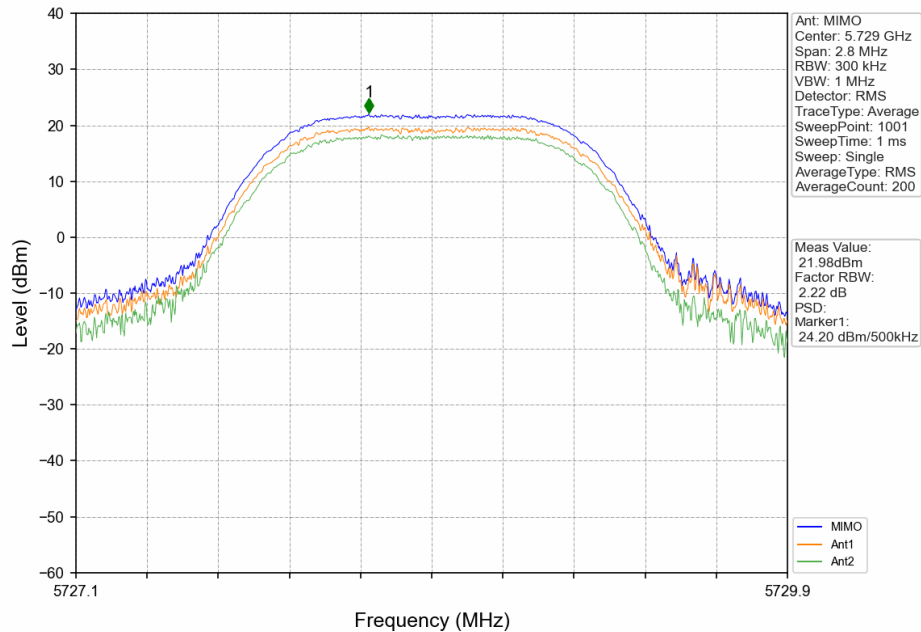
Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;

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

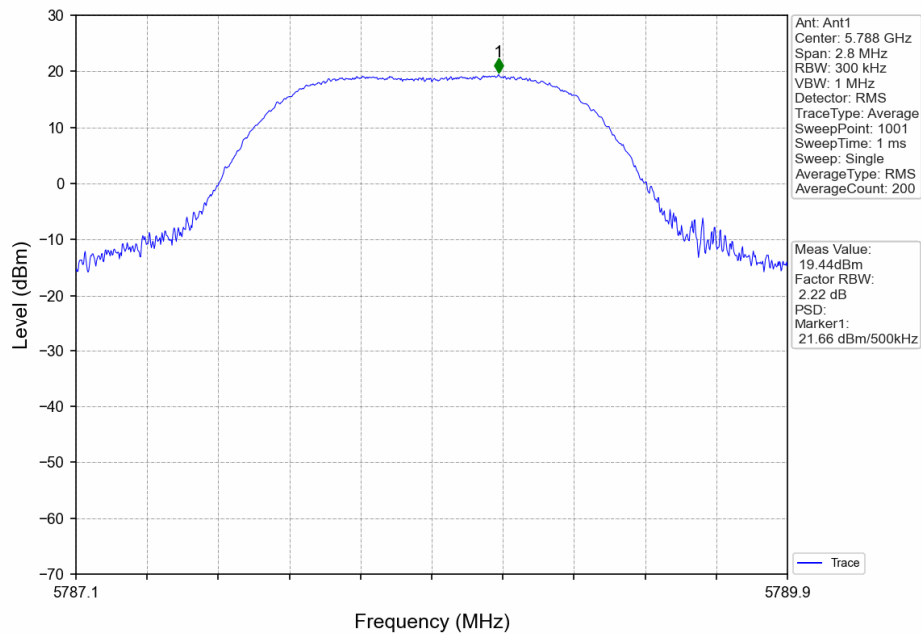
### 4.1.2 Test Graph



1\_LCH\_5728.5MHz\_MIMO\_NTNV



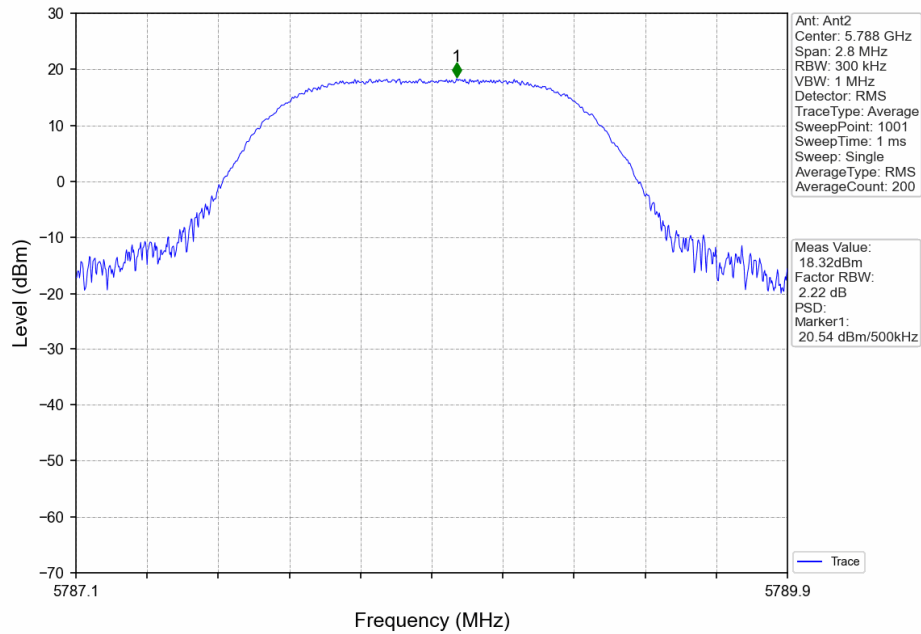
1\_MCH\_5788.5MHz\_Ant1\_NTNV



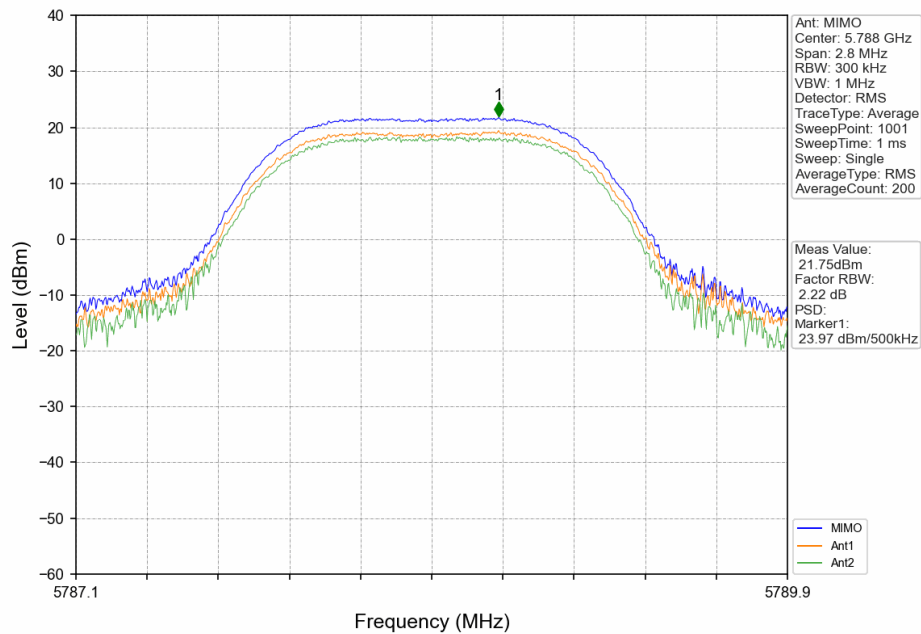
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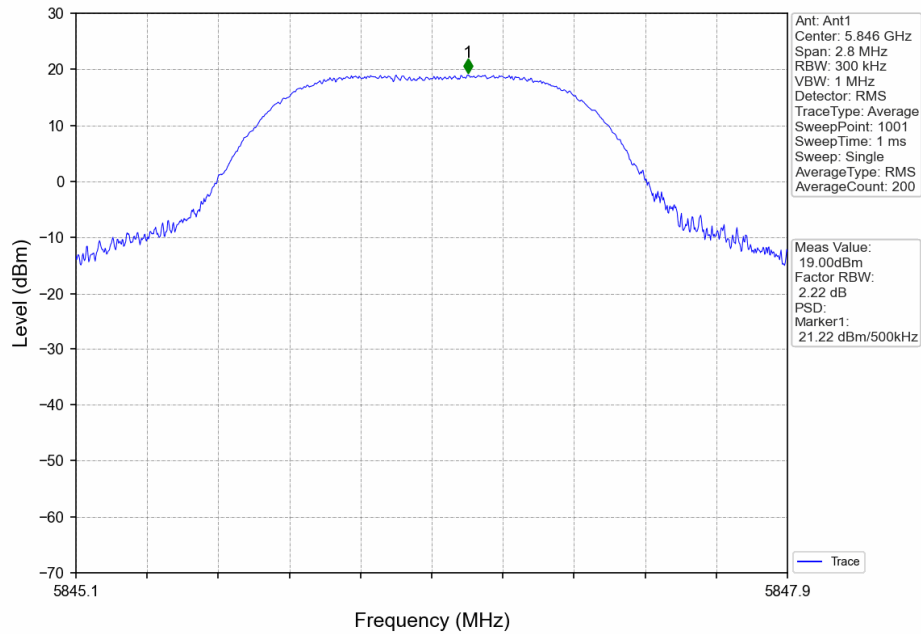
1\_MCH\_5788.5MHz\_Ant2\_NTNV



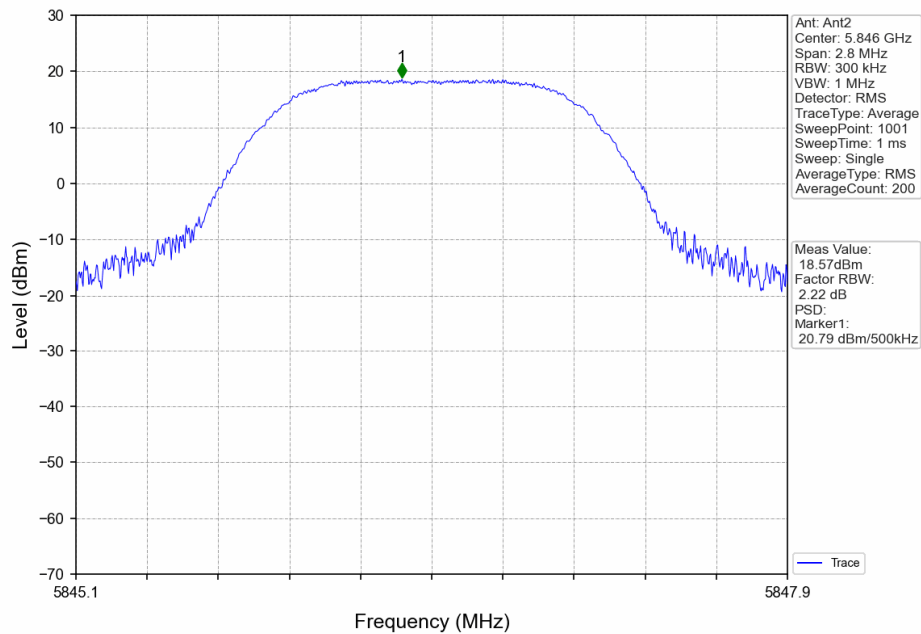
1\_MCH\_5788.5MHz\_MIMO\_NTNV



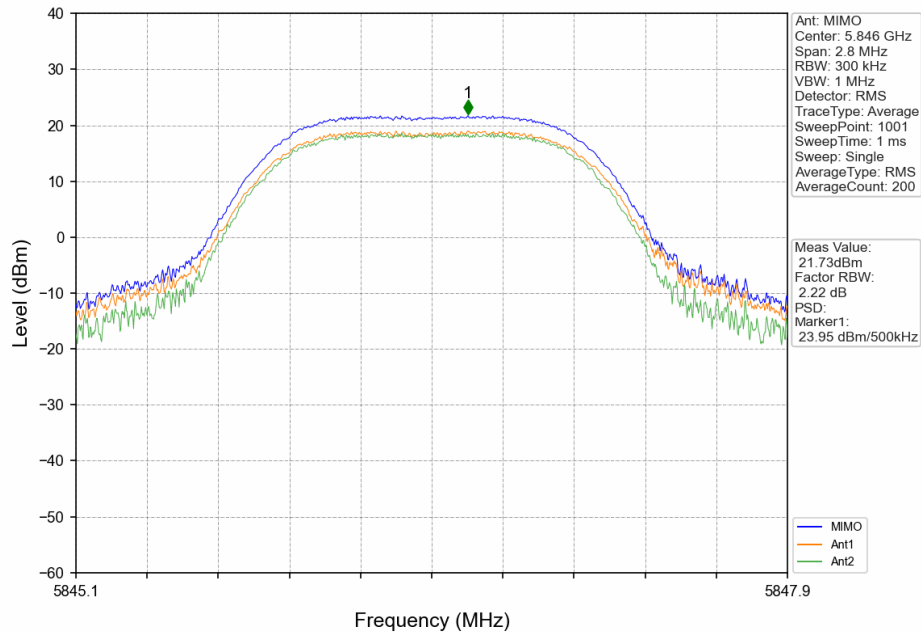
1\_HCH\_5846.5MHz\_Ant1\_NTNV



1\_HCH\_5846.5MHz\_Ant2\_NTNV



1\_HCH\_5846.5MHz\_MIMO\_NTNV



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

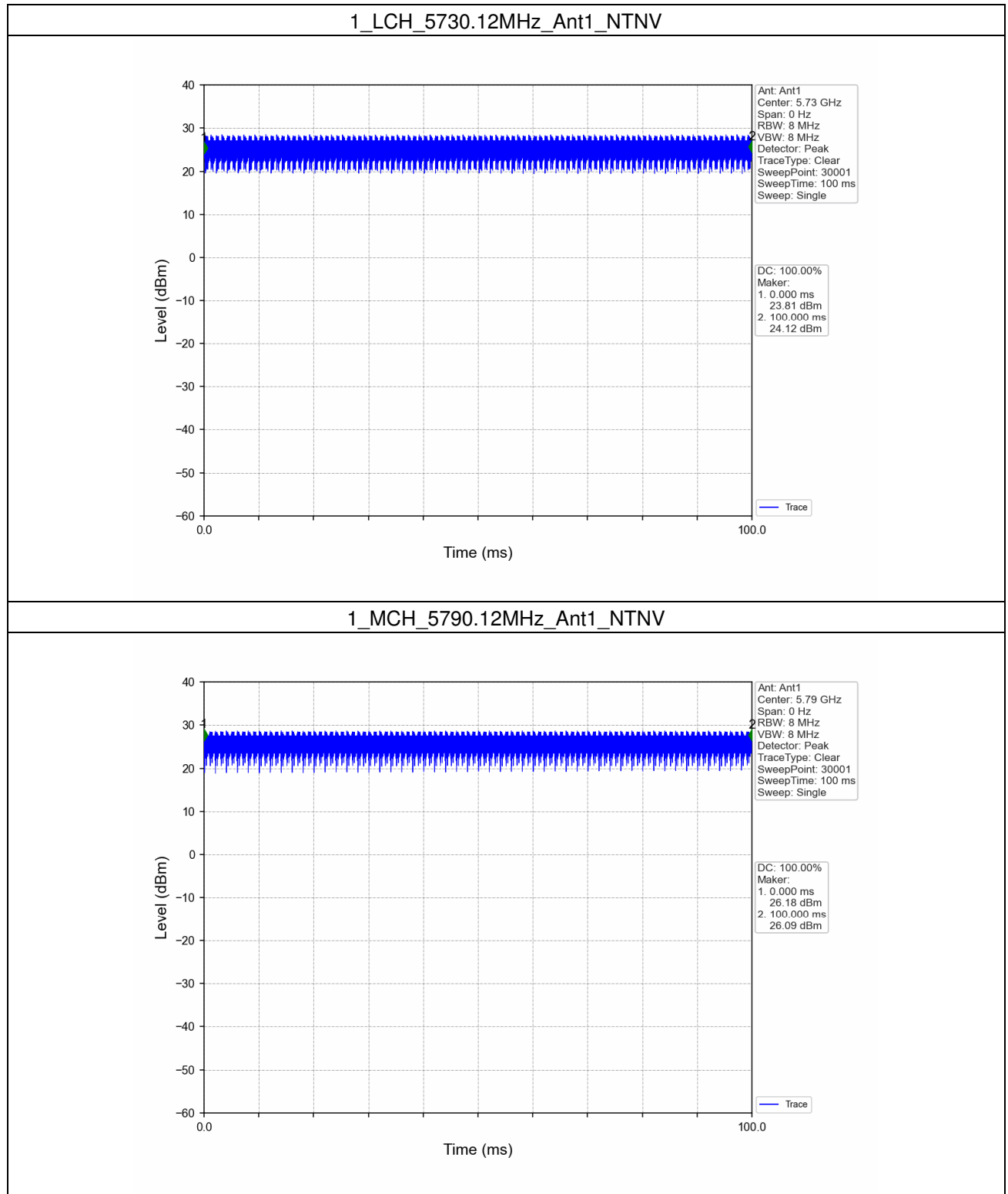
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5730.12	100.00	100.00	100.00	0.00	0.00
		5790.12	100.00	100.00	100.00	0.00	0.00
		5848.12	100.00	100.00	100.00	0.00	0.00



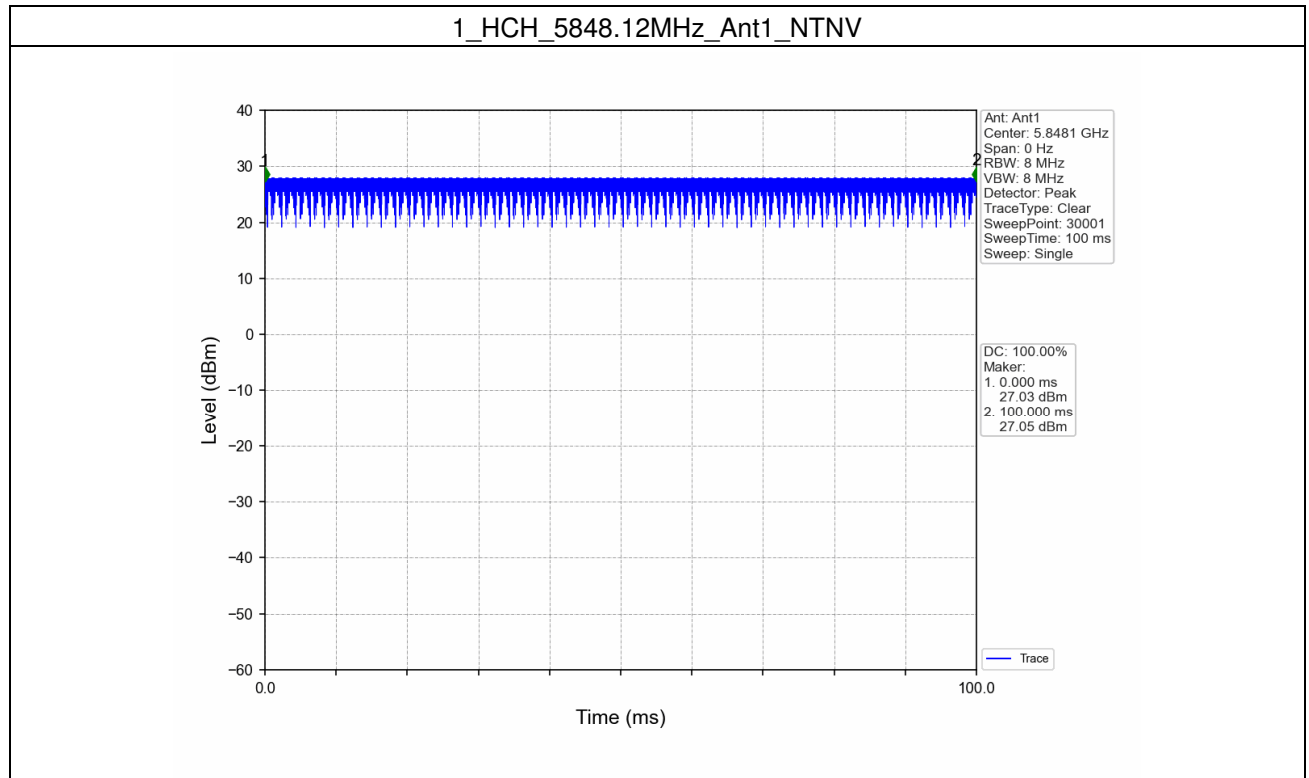
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### 1.1.2 Test Graph







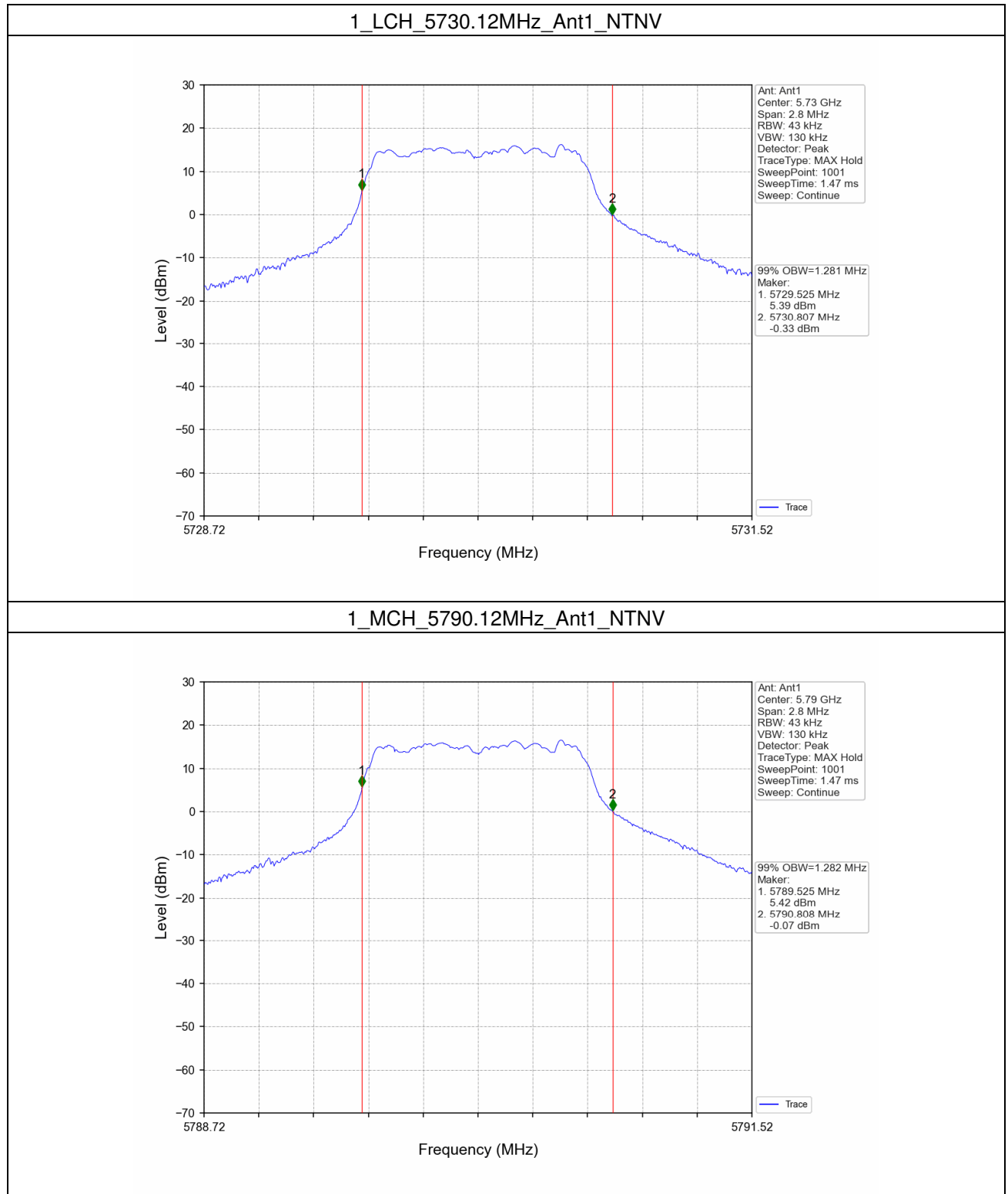
## 2. Bandwidth

### 2.1 OBW

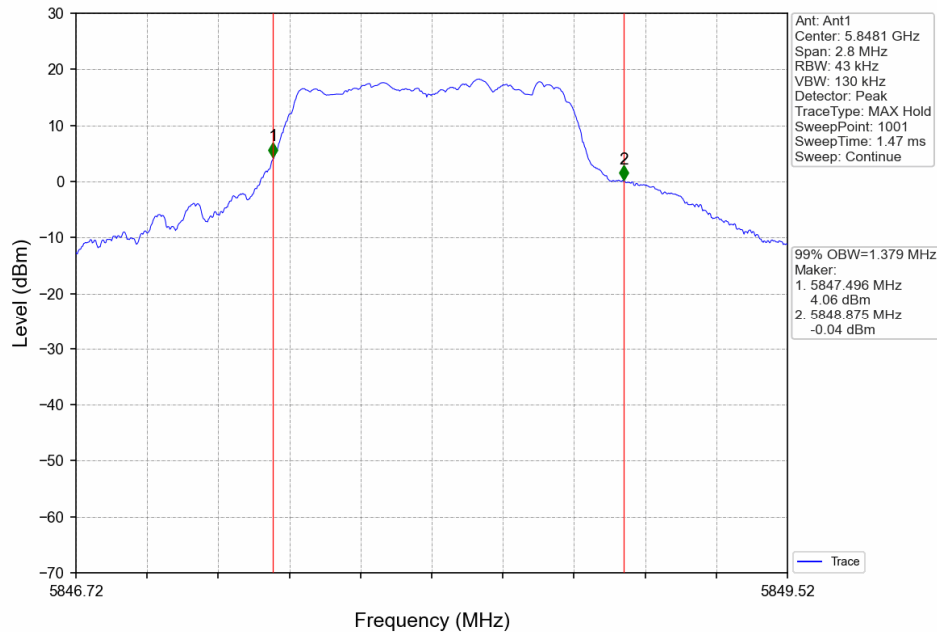
#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	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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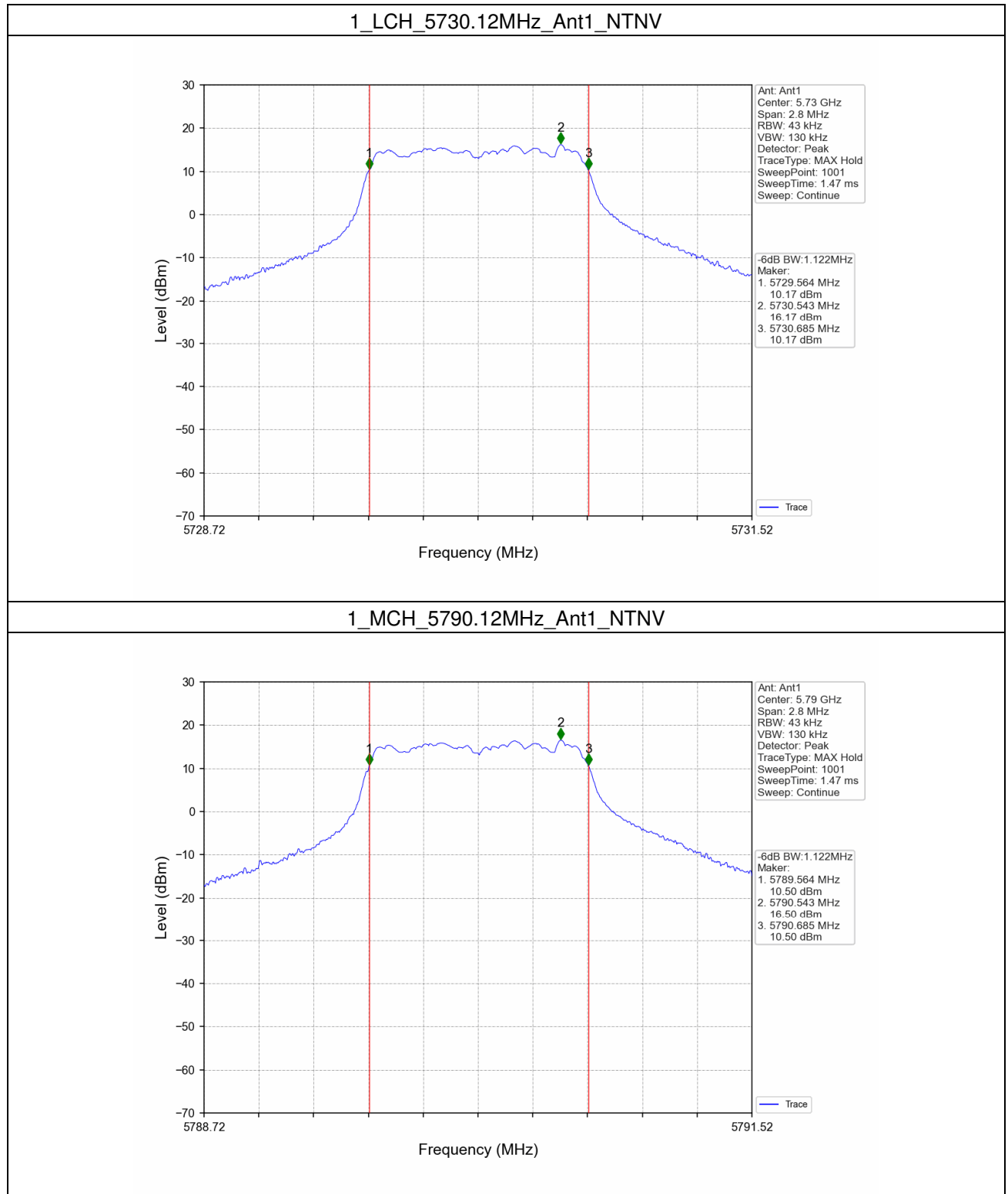
## 2.2 6dB BW

## 2.2.1 Test Result

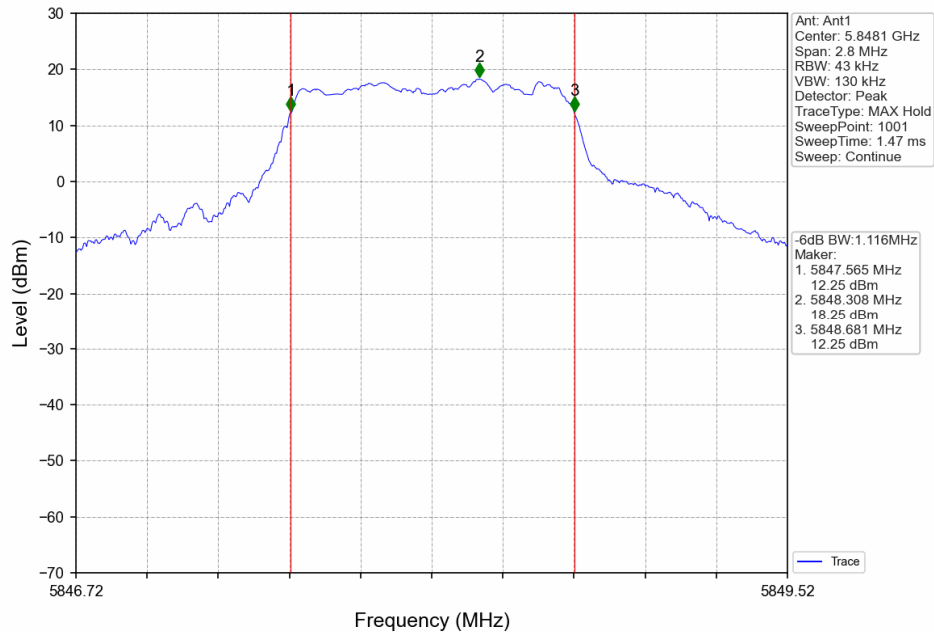
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.12	1	1.12	$\geq 0.5$	Pass
		5790.12	1	1.12	$\geq 0.5$	Pass
		5848.12	1	1.12	$\geq 0.5$	Pass



### 2.2.2 Test Graph



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

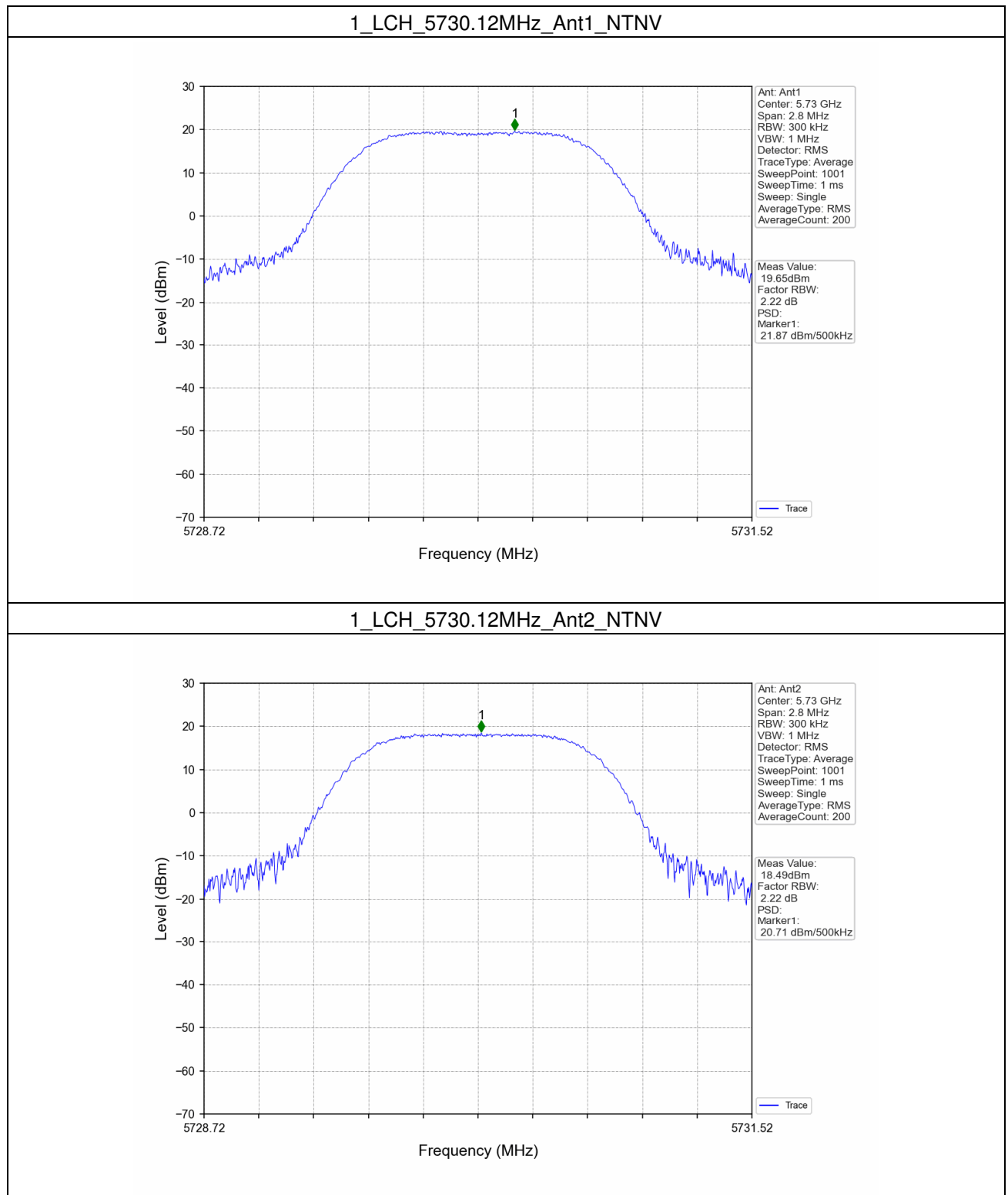
## 4.1.1 Test Result

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

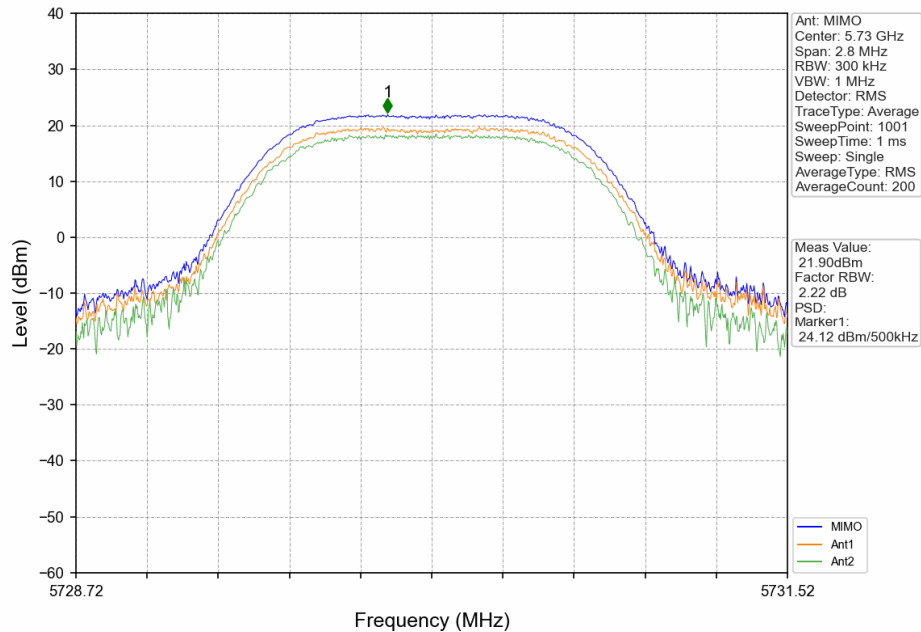


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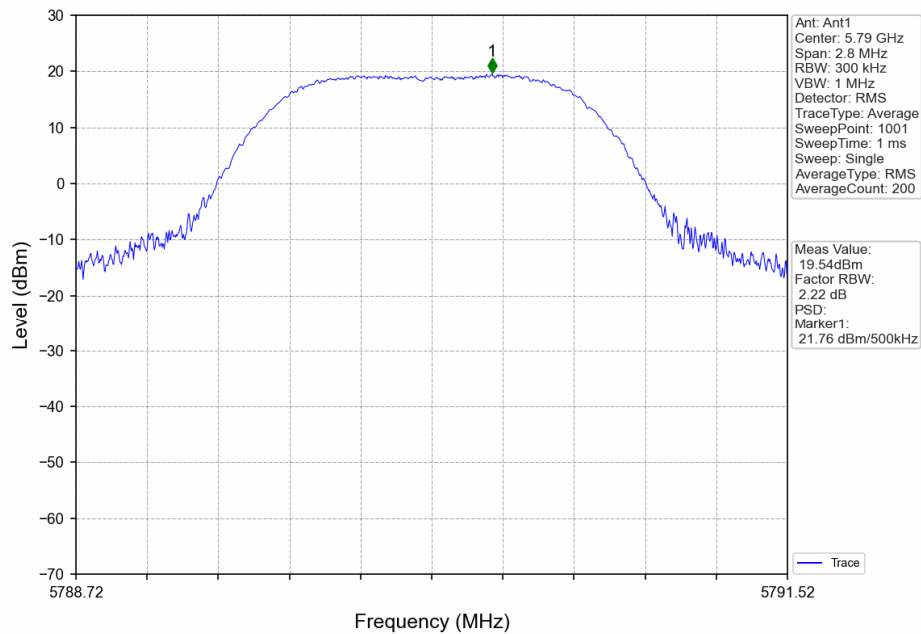
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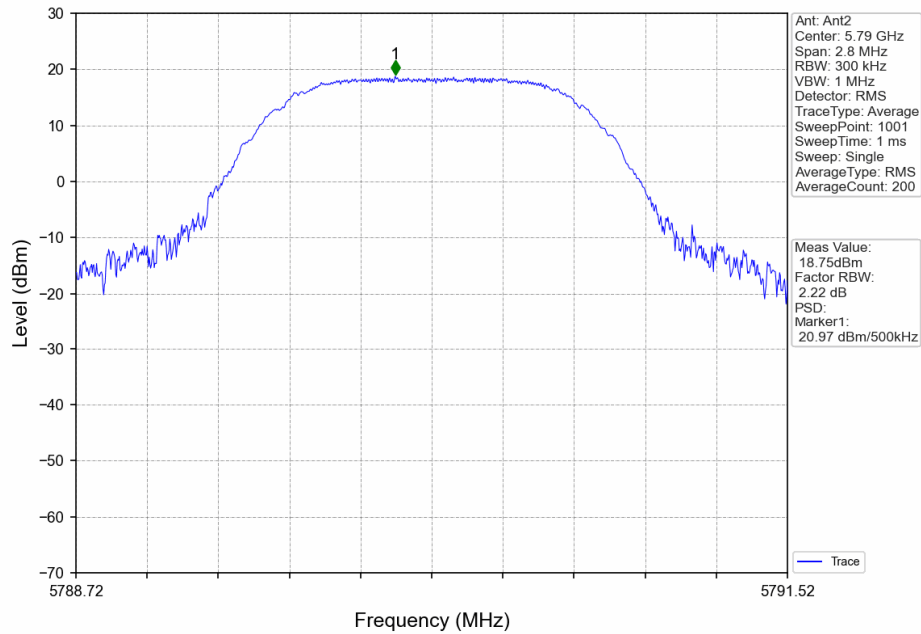
1\_LCH\_5730.12MHz\_MIMO\_NTNV



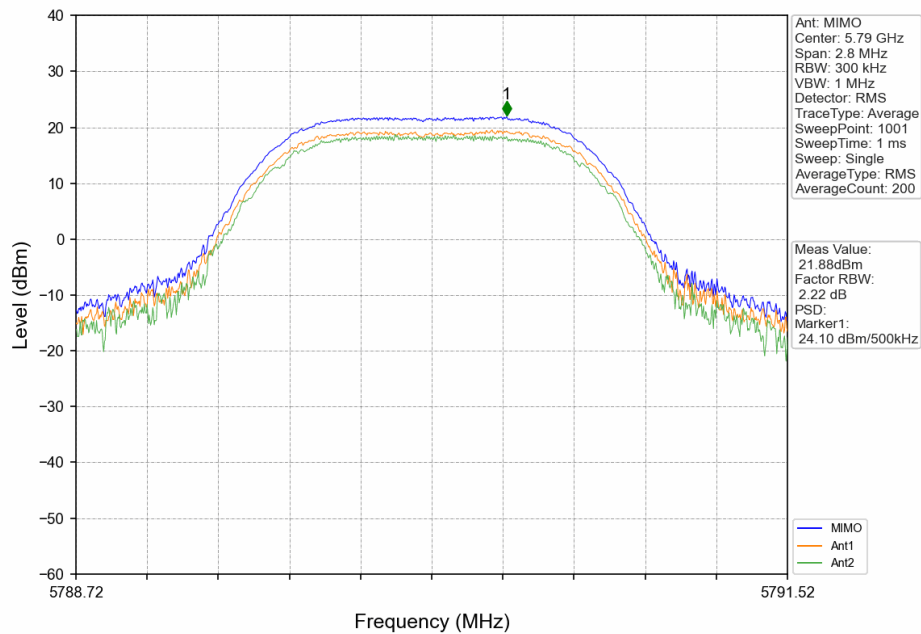
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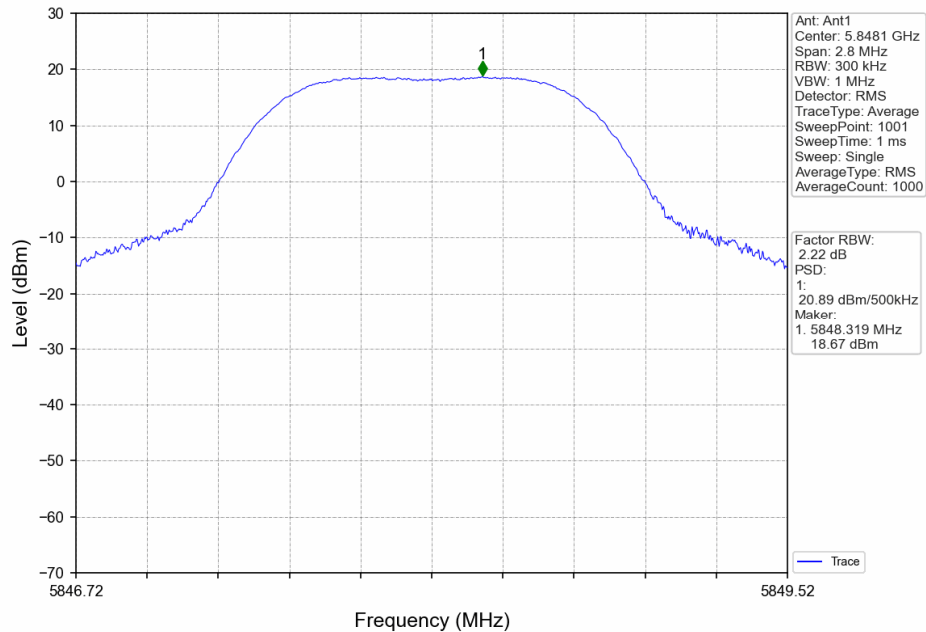
1\_MCH\_5790.12MHz\_Ant2\_NTNV



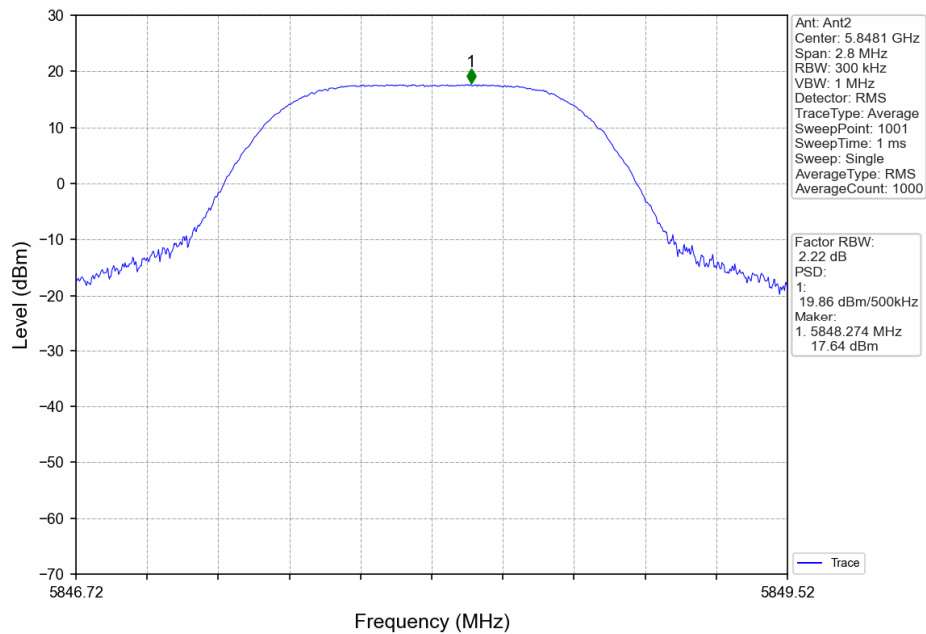
1\_MCH\_5790.12MHz\_MIMO\_NTNV



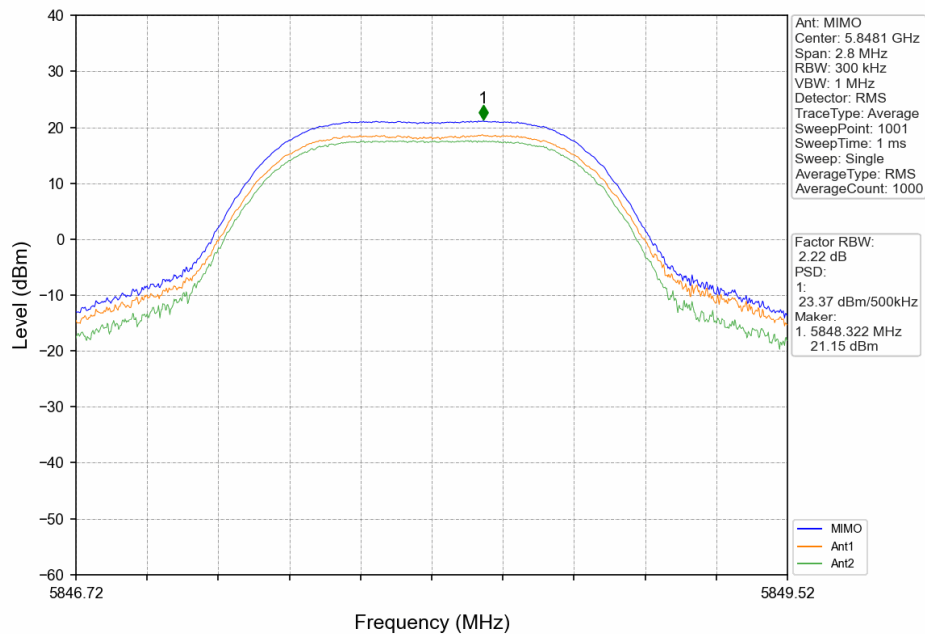
1\_HCH\_5848.12MHz\_Ant1\_NTNV



1\_HCH\_5848.12MHz\_Ant2\_NTNV



1\_HCH\_5848.12MHz\_MIMO\_NTNV



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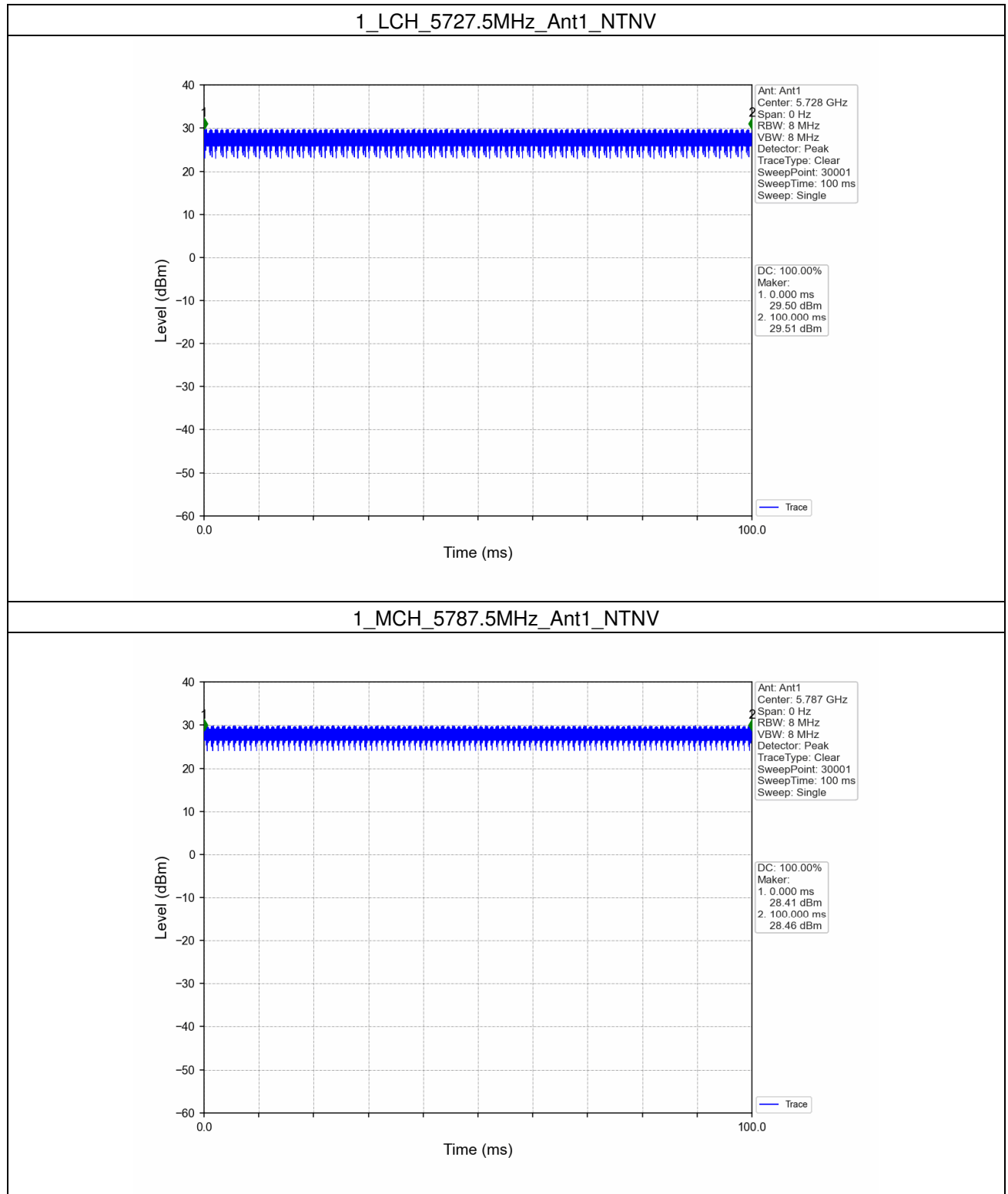
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**MIMO Mode, 3MHz BW****1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

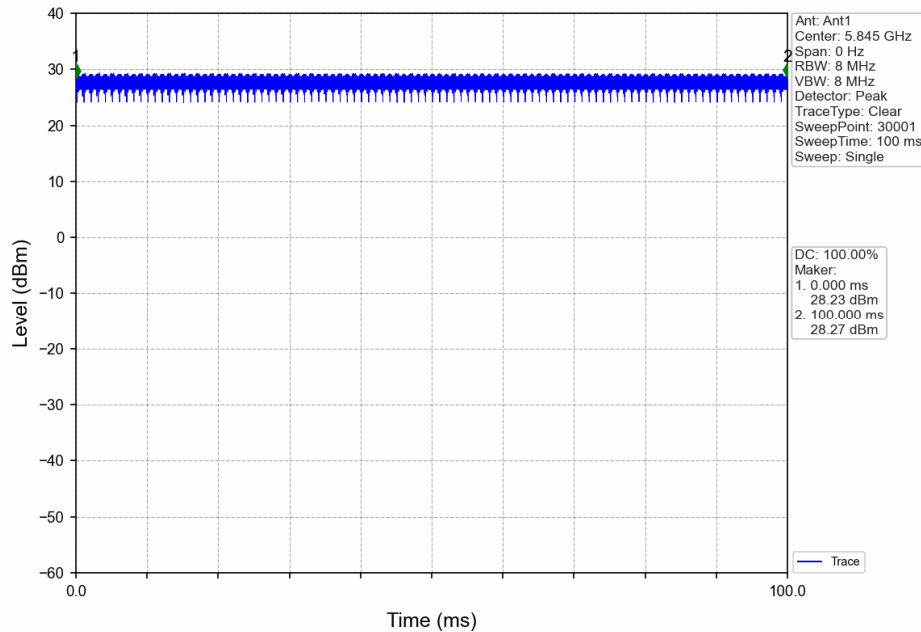
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1	MIMO	5727.5	100.00	100.00	100.00	0.00	0.00
		5787.5	100.00	100.00	100.00	0.00	0.00
		5844.5	100.00	100.00	100.00	0.00	0.00



### 1.1.2 Test Graph



1\_HCH\_5844.5MHz\_Ant1\_NTNV



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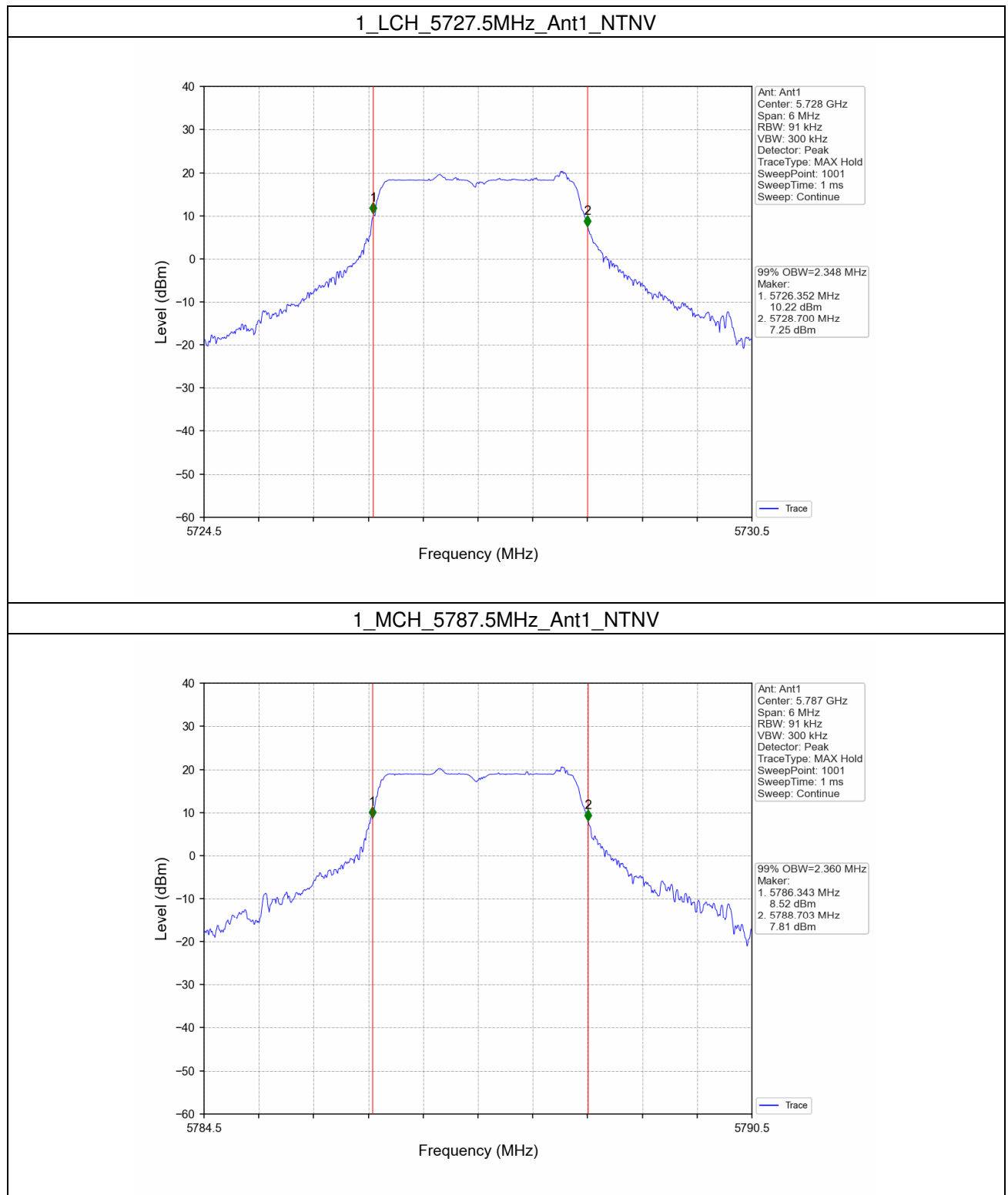
## 2. Bandwidth

### 2.1 OBW

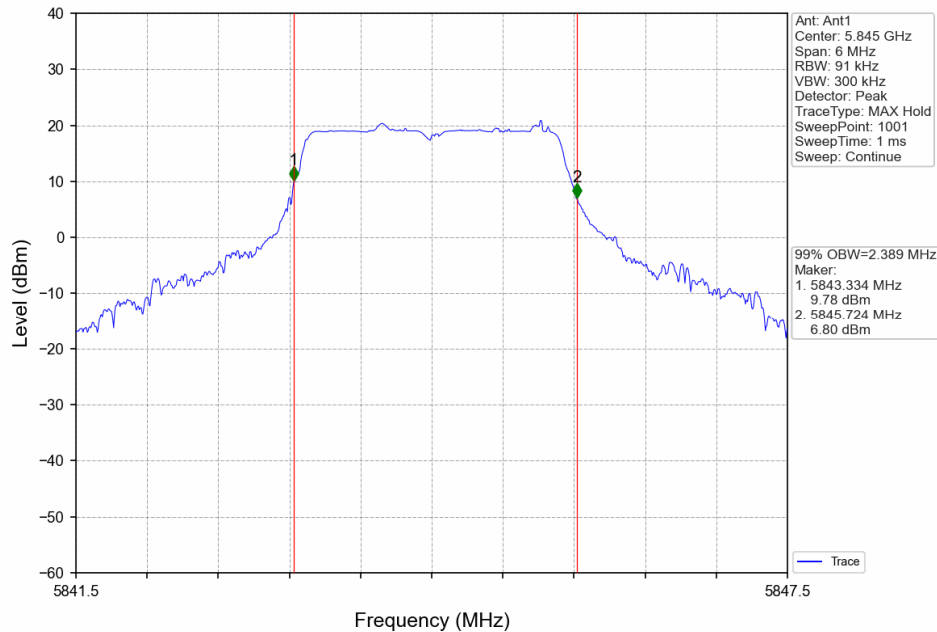
#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	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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## 2.2 6dB BW

## 2.2.1 Test Result

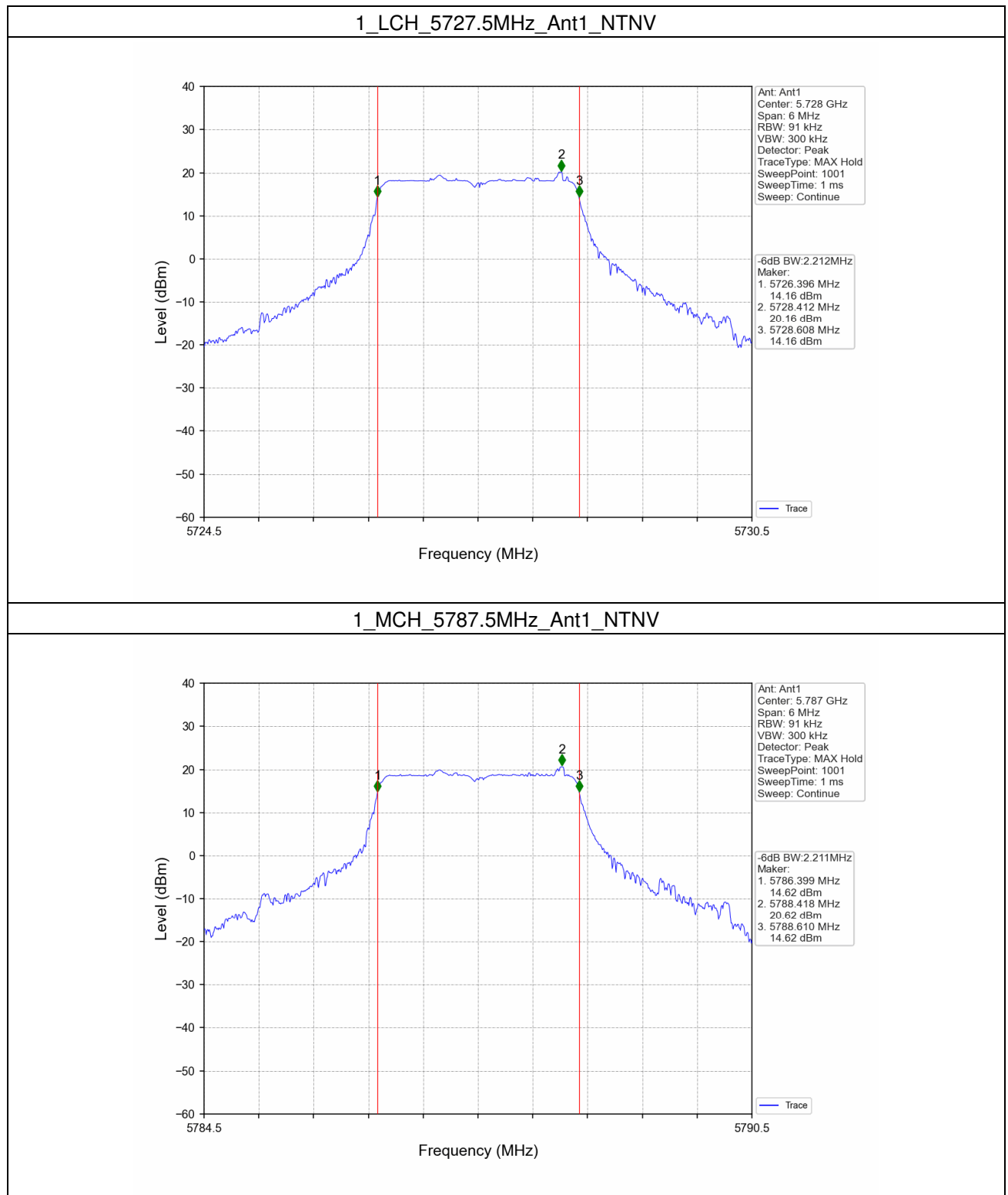
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5727.5	1	2.21	$\geq 0.5$	Pass
		5787.5	1	2.21	$\geq 0.5$	Pass
		5844.5	1	2.21	$\geq 0.5$	Pass



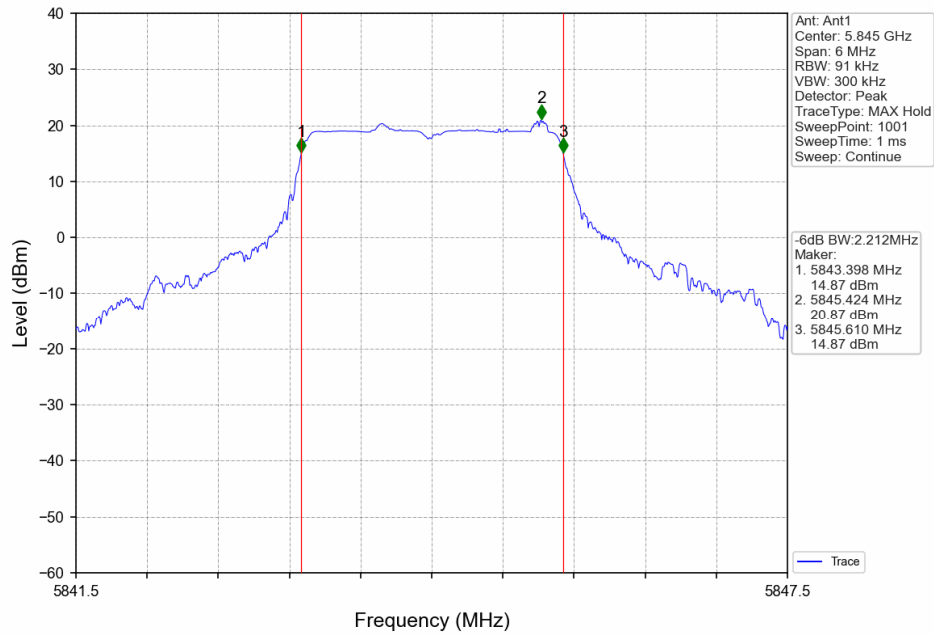
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### 2.2.2 Test Graph



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

## 4. Maximum Power Spectral Density

## 4.1 PSD

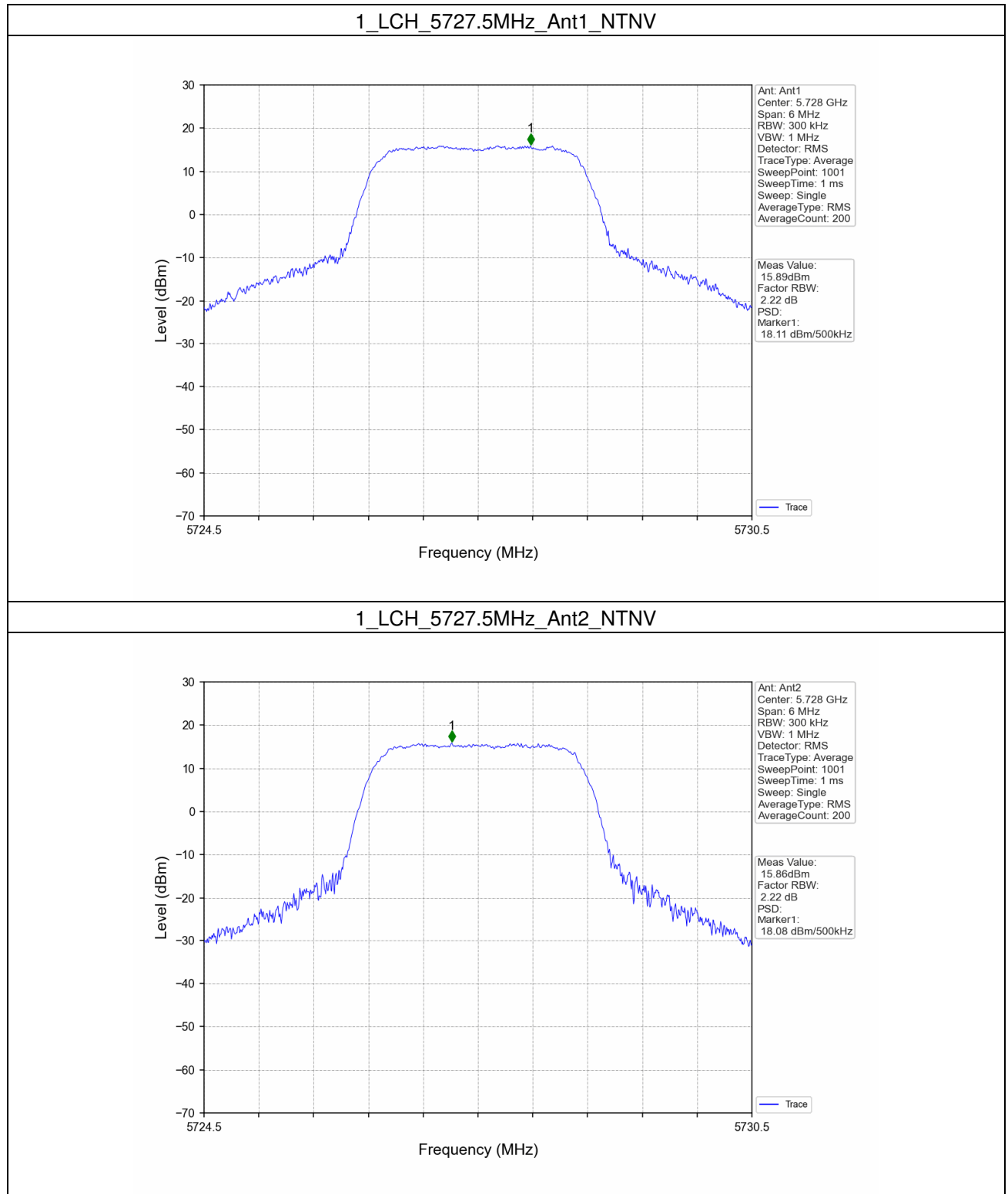
## 4.1.1 Test Result

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

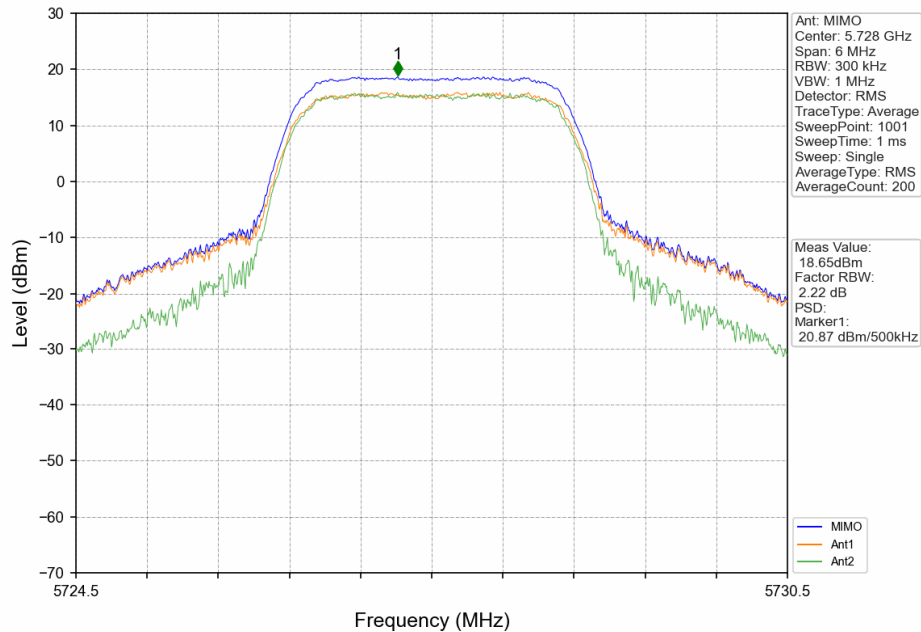
Note1: Antenna Gain: Ant1: 3.50dBi; Ant2: 4.00dBi;  
Note2: Directional Gain= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$ .



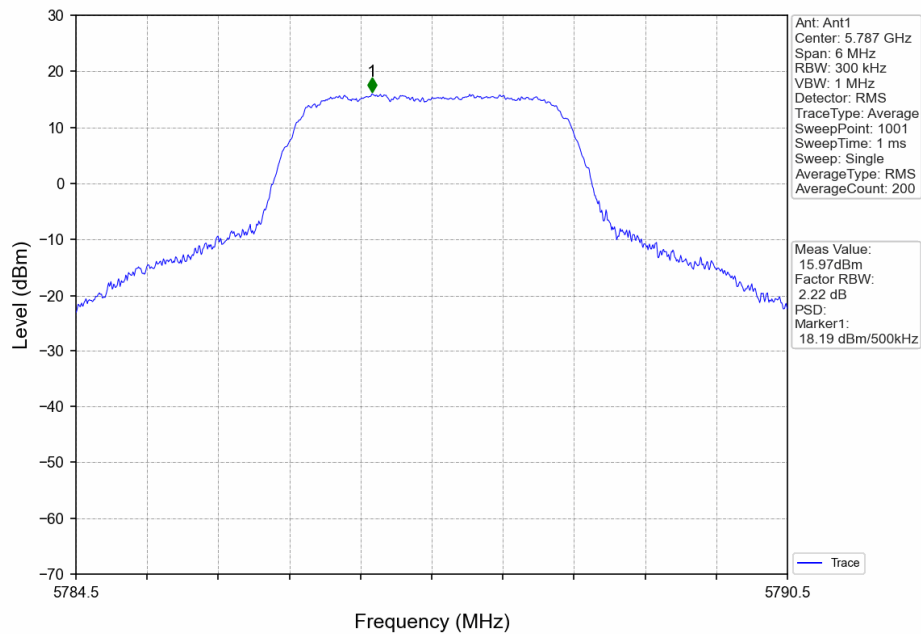
### 4.1.2 Test Graph



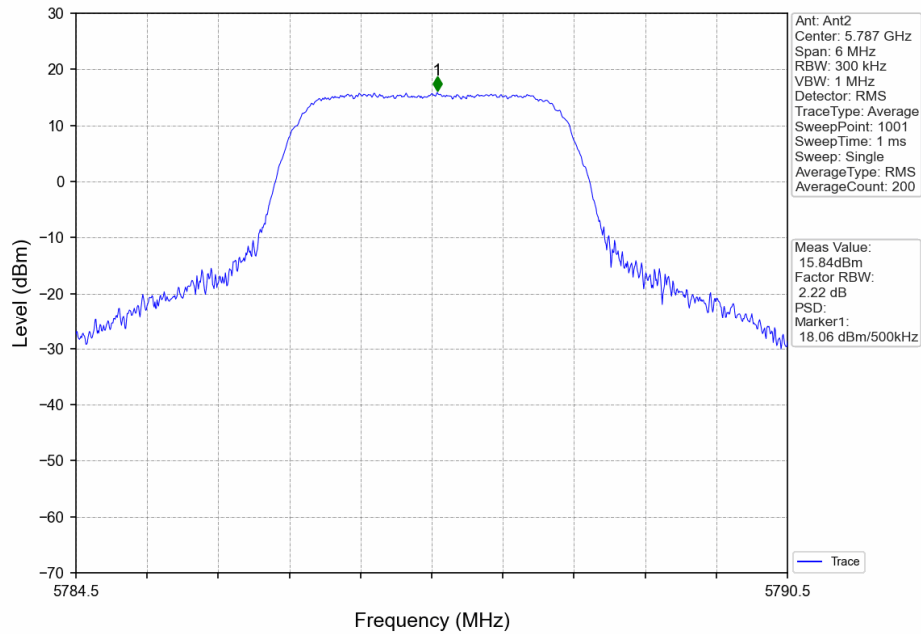
1\_LCH\_5727.5MHz\_MIMO\_NTNV



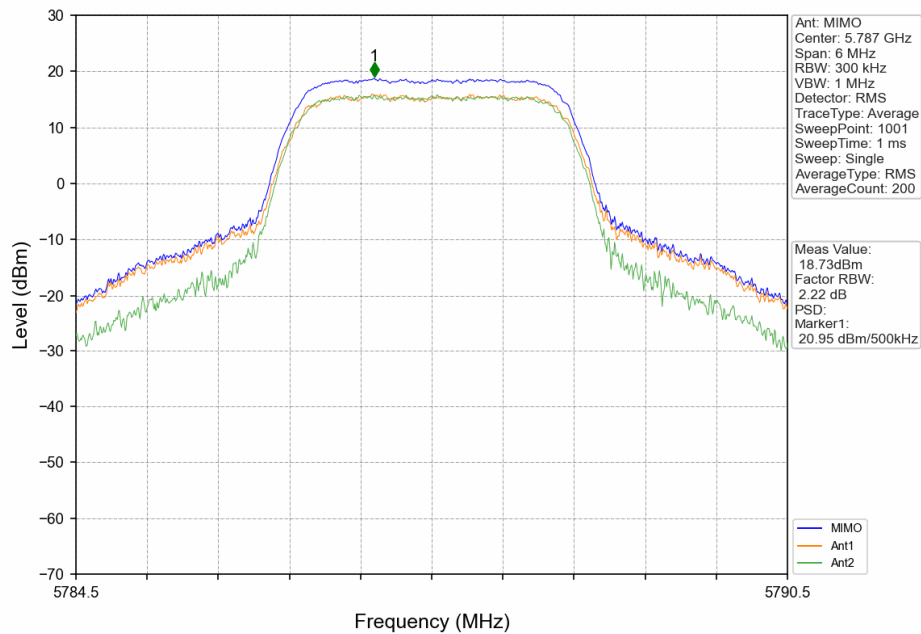
1\_MCH\_5787.5MHz\_Ant1\_NTNV



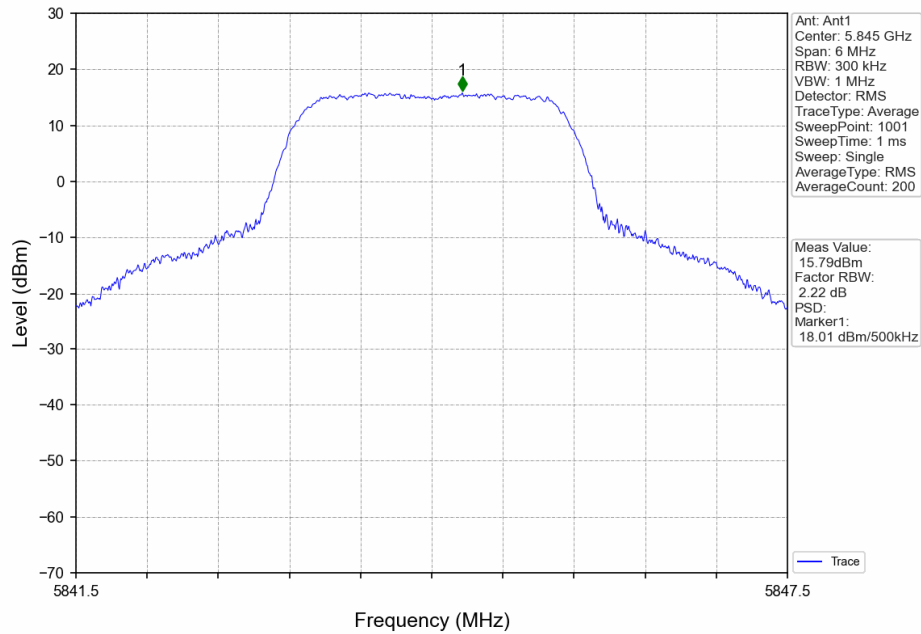
1\_MCH\_5787.5MHz\_Ant2\_NTNV



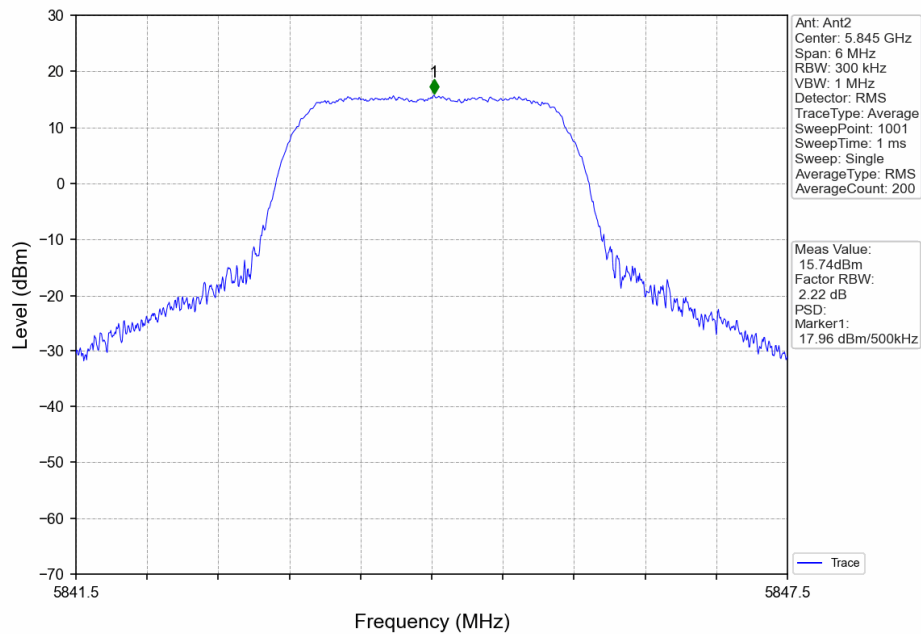
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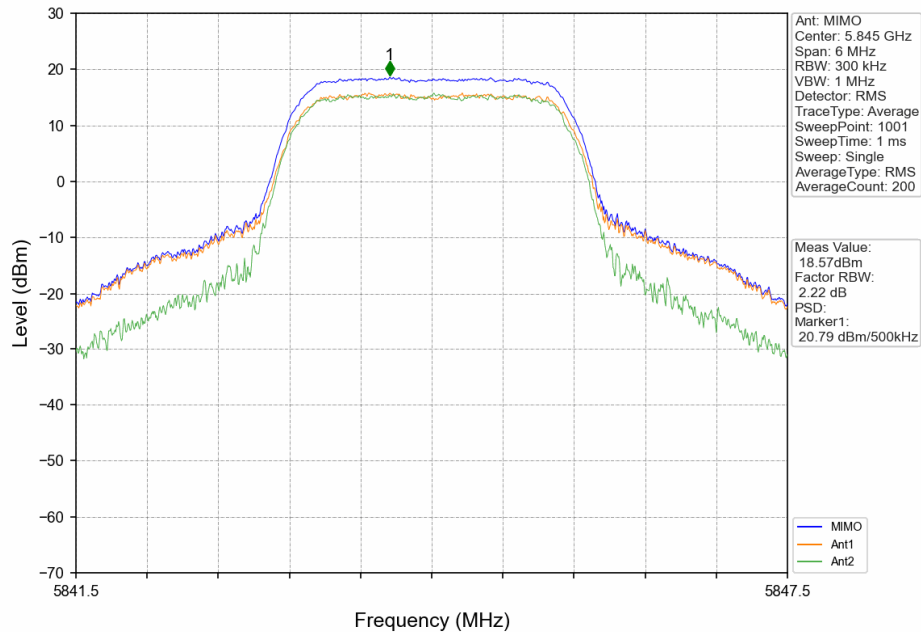
1\_HCH\_5844.5MHz\_Ant1\_NTNV



1\_HCH\_5844.5MHz\_Ant2\_NTNV



1\_HCH\_5844.5MHz\_MIMO\_NTNV



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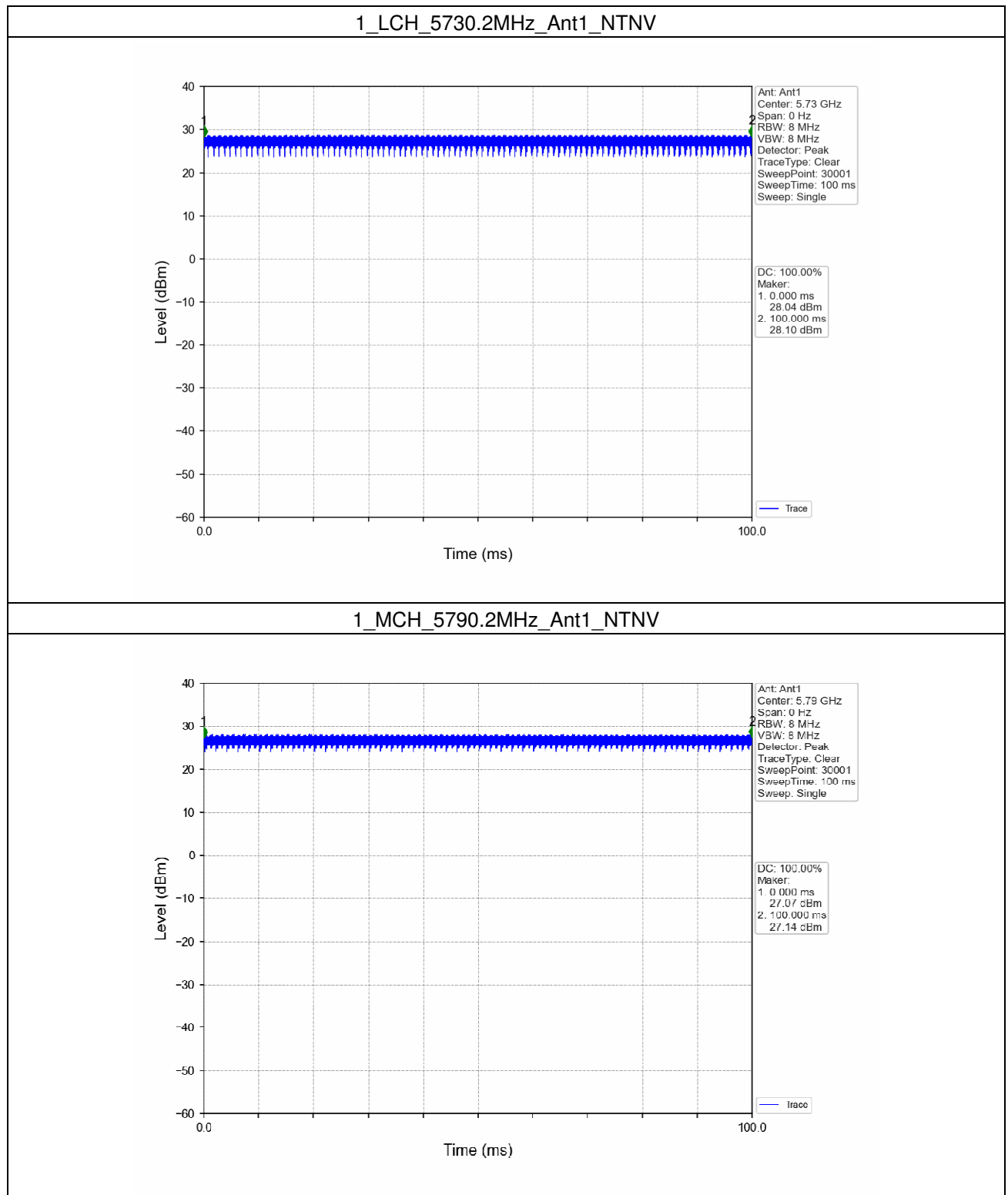
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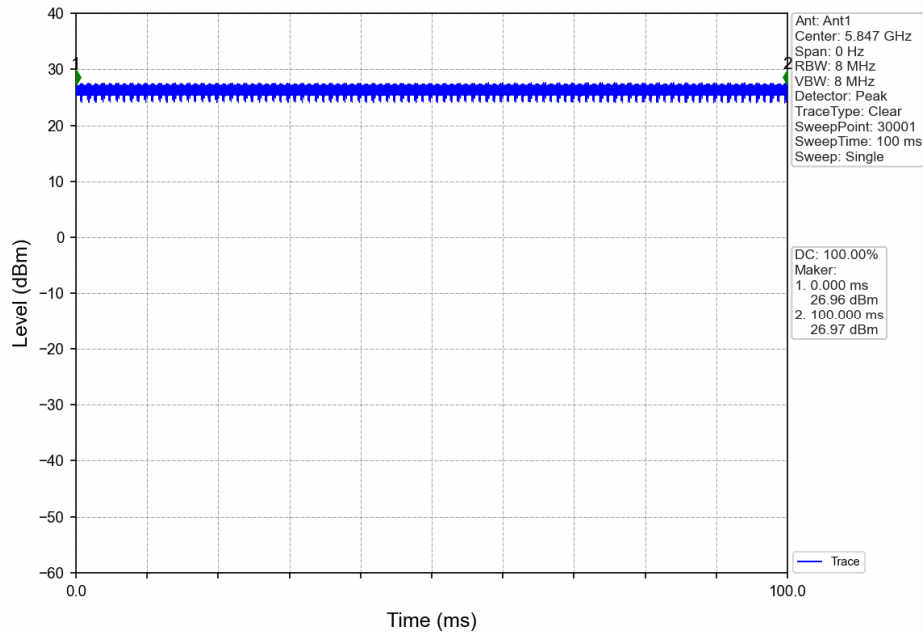
**MIMO Mode, 3MHz CA BW****1. Duty Cycle****1.1 Ant1****1.1.1 Test Result**

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

## 1.1.2 Test Graph



1\_HCH\_5847.2MHz\_Ant1\_NTNV



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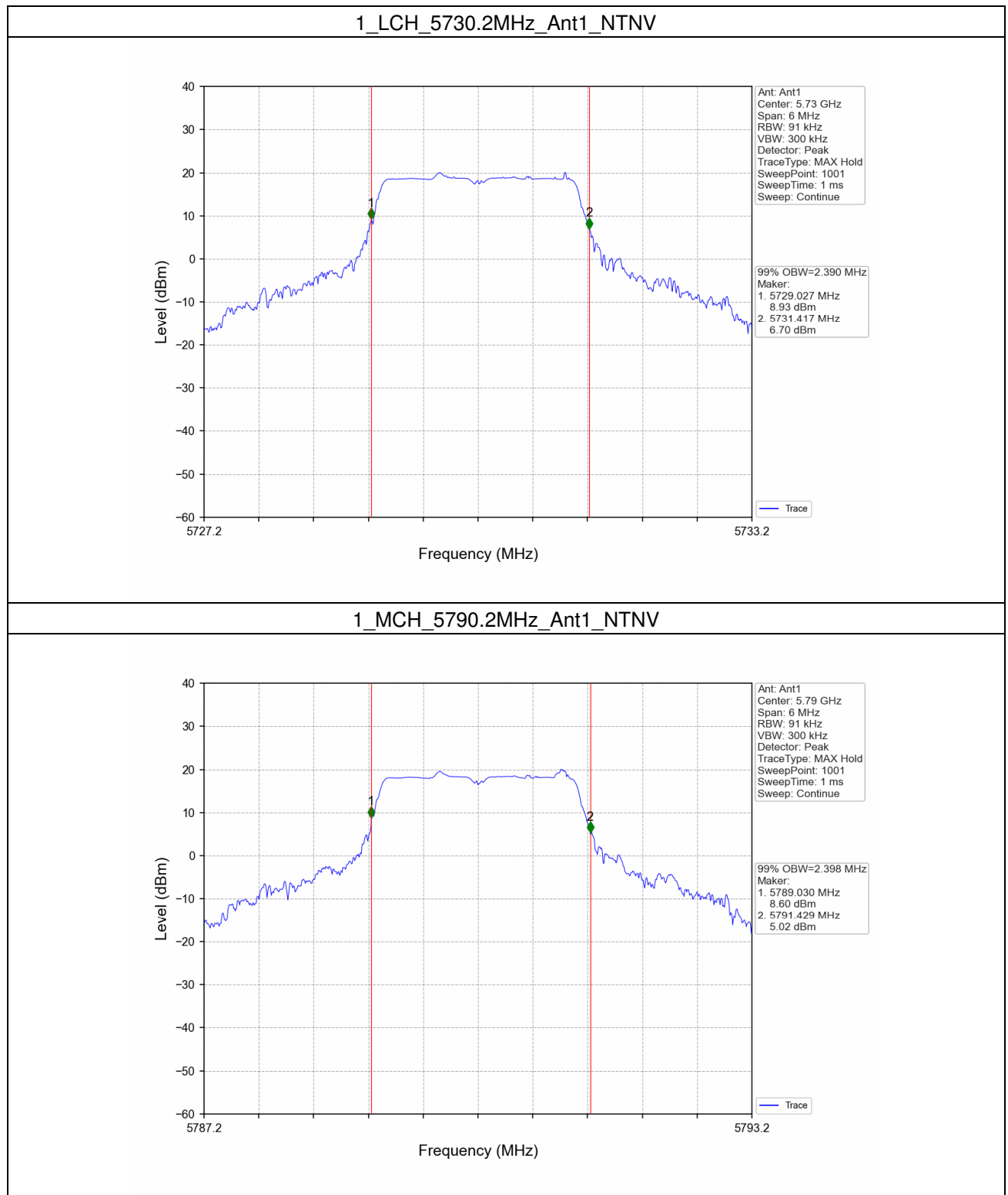
## 2. Bandwidth

### 2.1 OBW

#### 2.1.1 Test Result

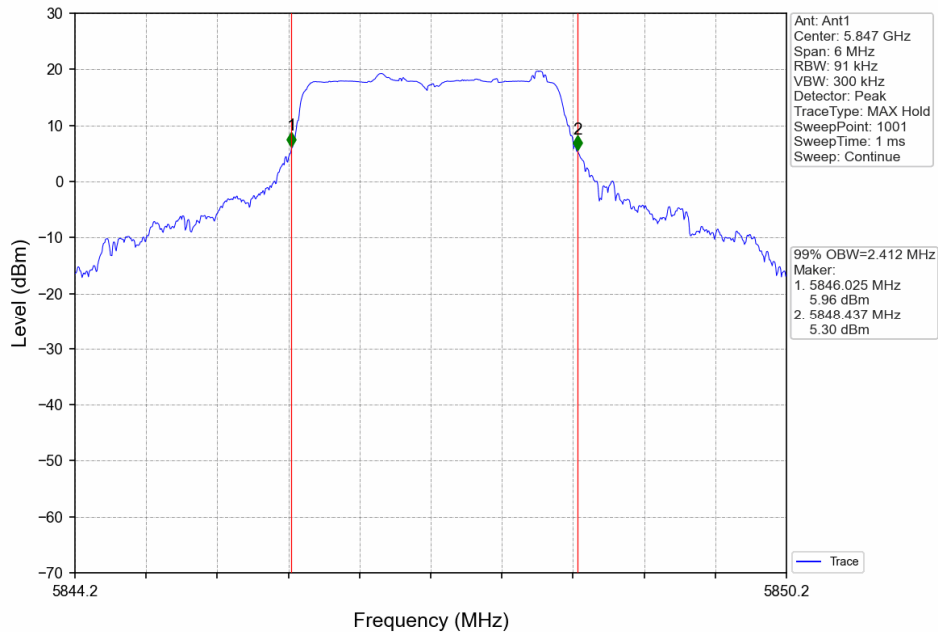
Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.2	1	2.39	/	Pass
		5790.2	1	2.40	/	Pass
		5847.2	1	2.41	/	Pass

### 2.1.2 Test Graph





1\_HCH\_5847.2MHz\_Ant1\_NTNV



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## 2.2 6dB BW

## 2.2.1 Test Result

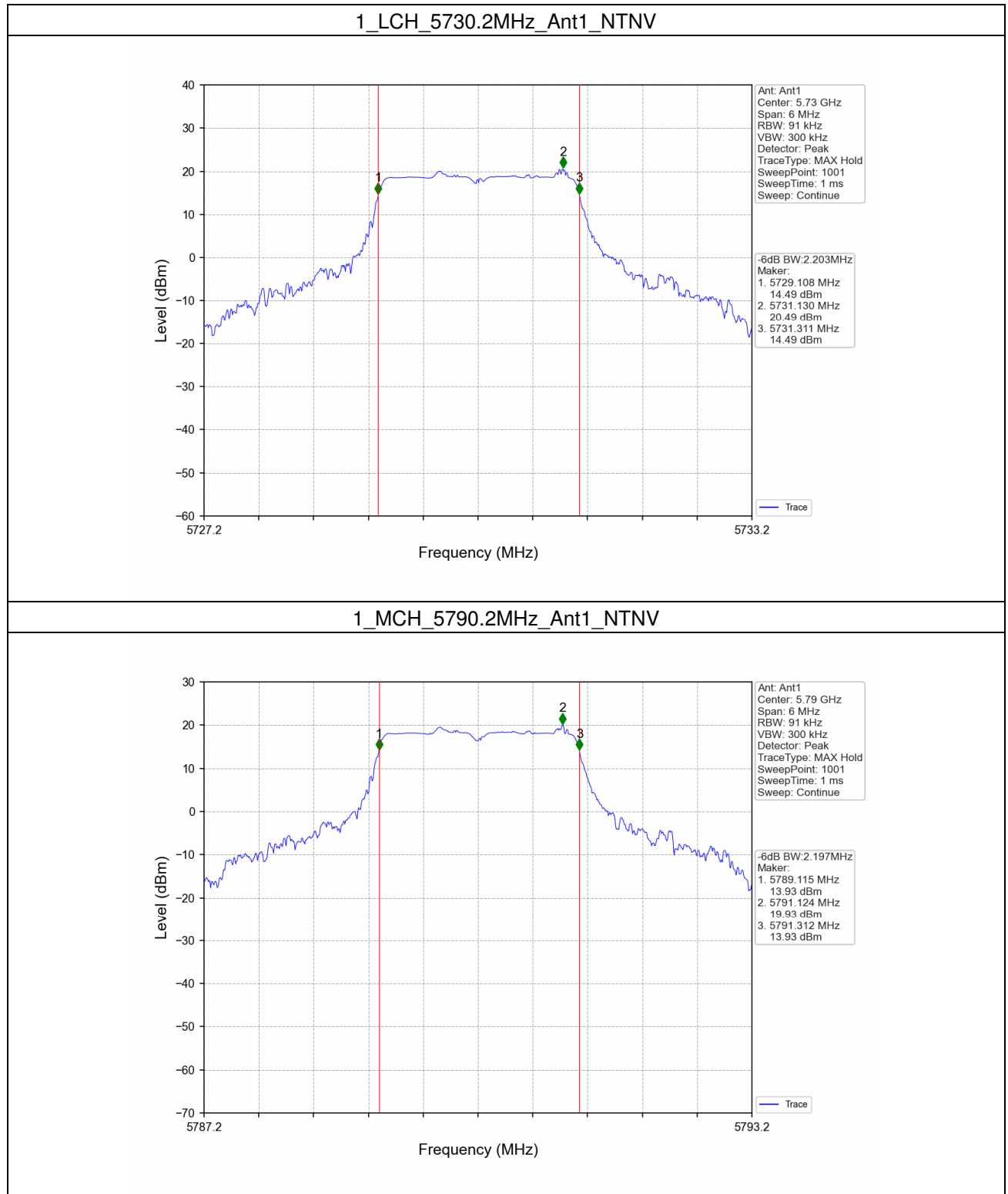
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
1	MIMO	5730.2	1	2.20	$\geq 0.5$	Pass
		5790.2	1	2.20	$\geq 0.5$	Pass
		5847.2	1	2.21	$\geq 0.5$	Pass



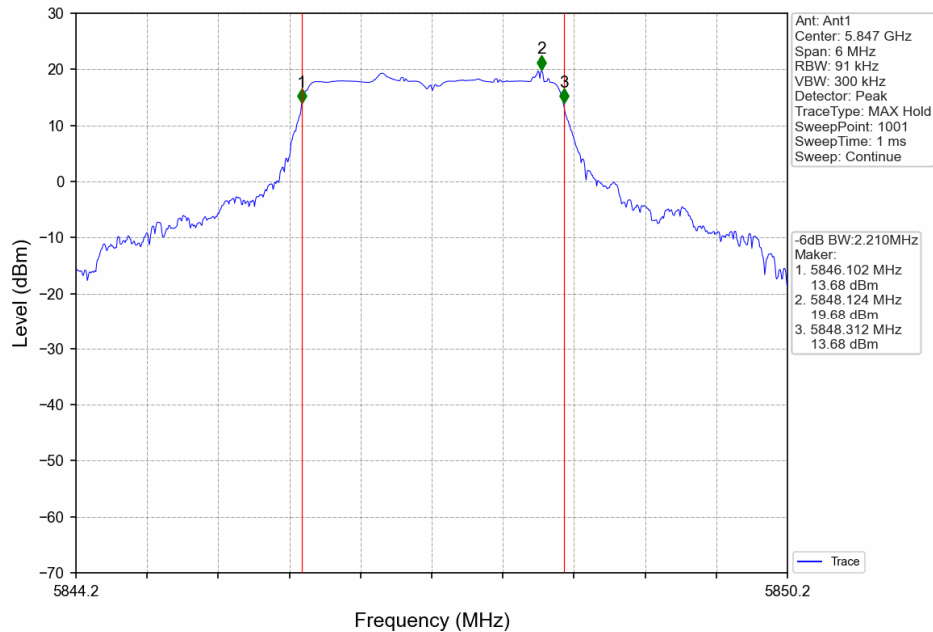
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### 2.2.2 Test Graph



### 1\_HCH\_5847.2MHz\_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	5730.2	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= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76\text{dBi}$



## 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	5730.2	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

