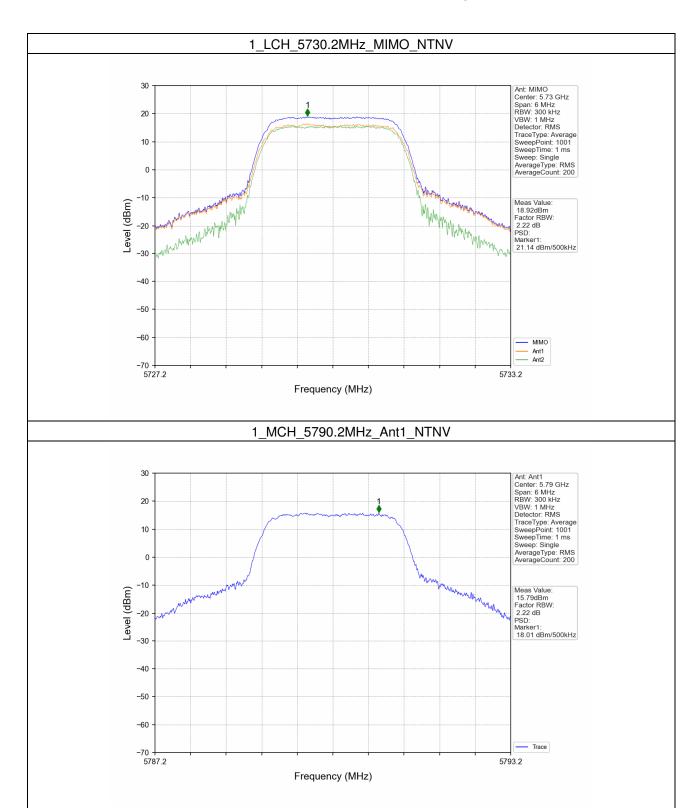


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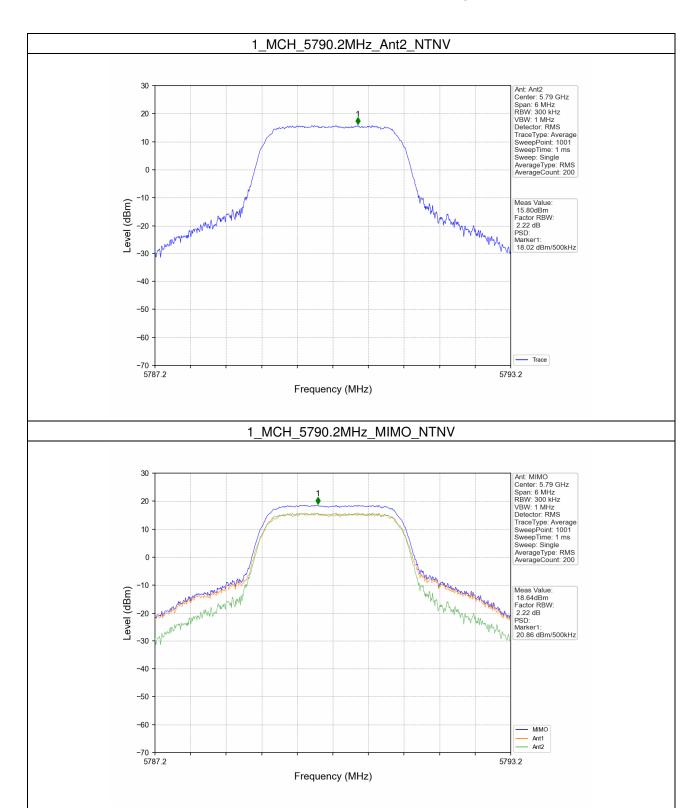
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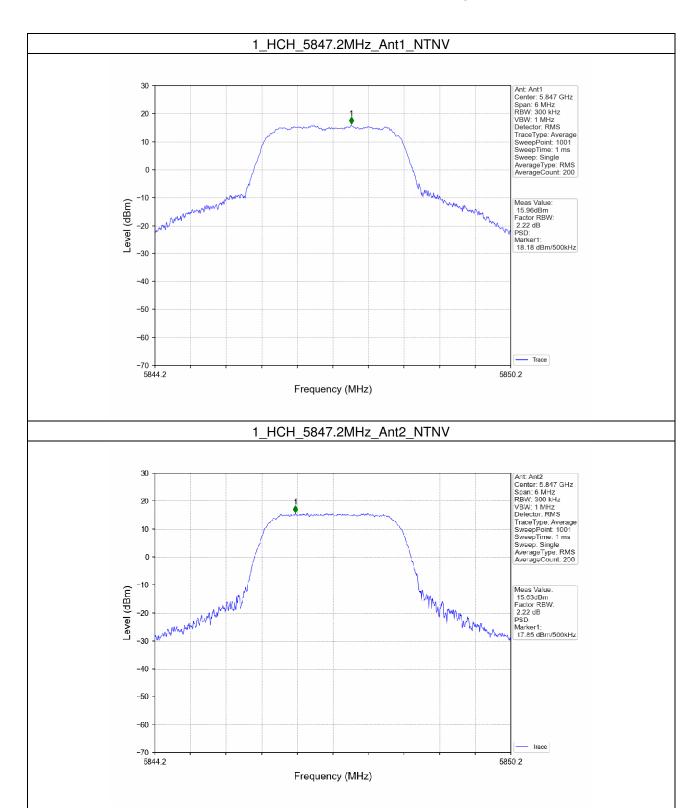
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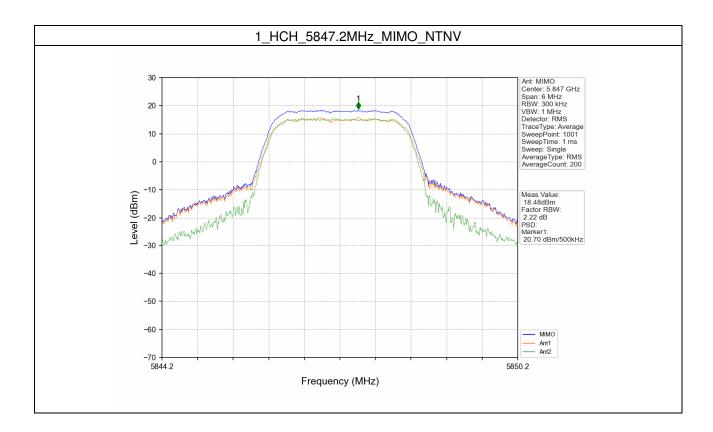
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## MIMO Mode, 10MHz BW

1. Duty Cycle

1.1 Ant1

#### 1.1.1 Test Result

	Ant1								
Mode	ТХ Туре	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)		
		5730.5	100.00	100.00	100.00	0.00	0.00		
1	MIMO	5787.5	100.00	100.00	100.00	0.00	0.00		
		5844.5	100.00	100.00	100.00	0.00	0.00		



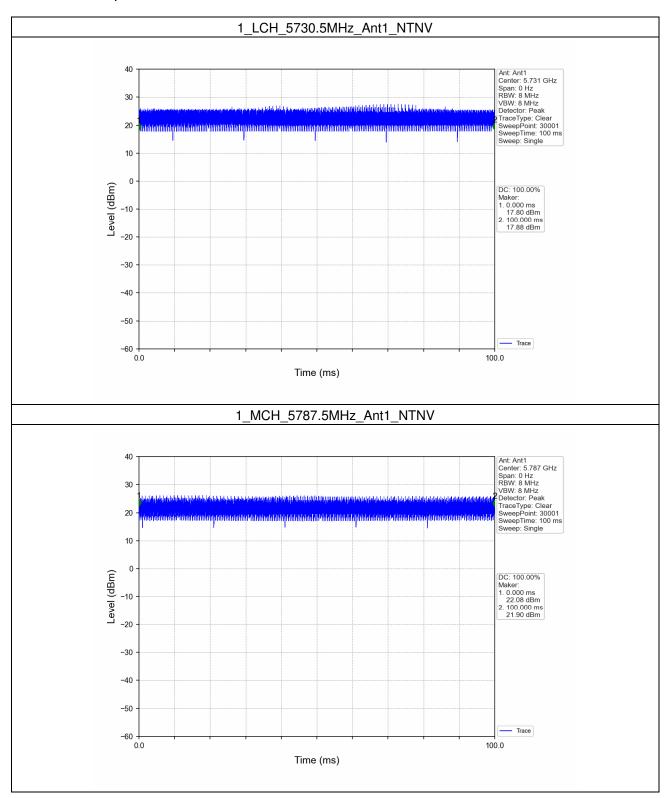
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## 1.1.2 Test Graph





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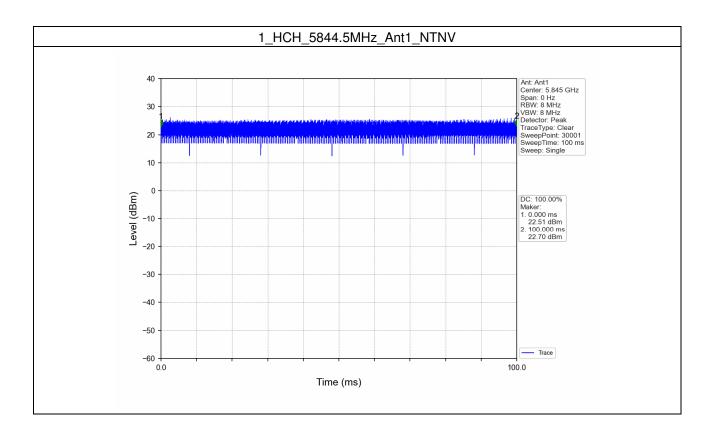
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## 2. Bandwidth

2.1 OBW

#### 2.1.1 Test Result

Mode	ТХ Туре	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
		5730.5	1	9.04	/	Pass
1	MIMO	5787.5	1	9.06	/	Pass
		5844.5	1	9.02	/	Pass



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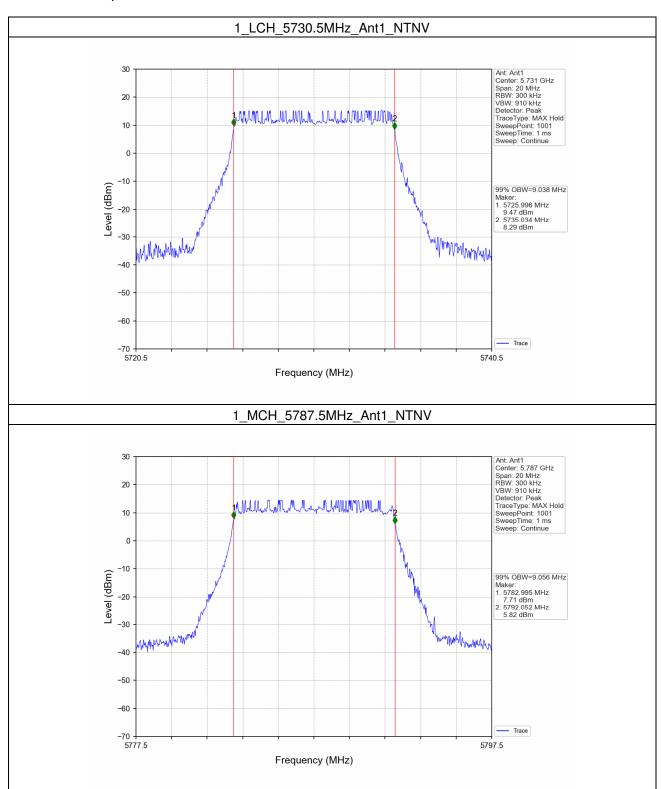
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## 2.1.2 Test Graph





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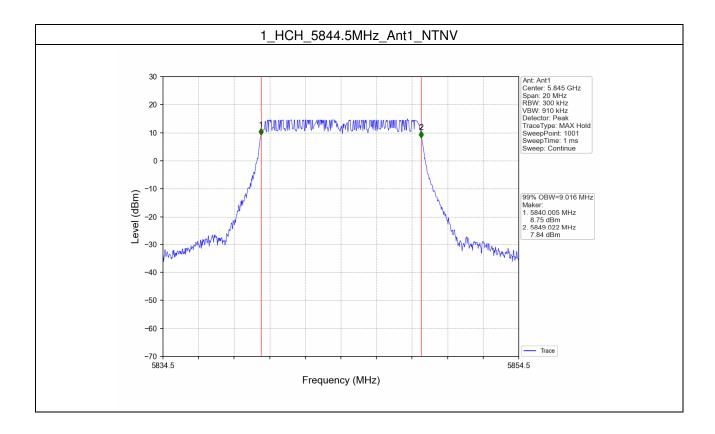
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#### 2.2 6dB BW

#### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
		5730.5	1	9.03	>=0.5	Pass
1	MIMO	5787.5	1	9.00	>=0.5	Pass
		5844.5	1	9.04	>=0.5	Pass

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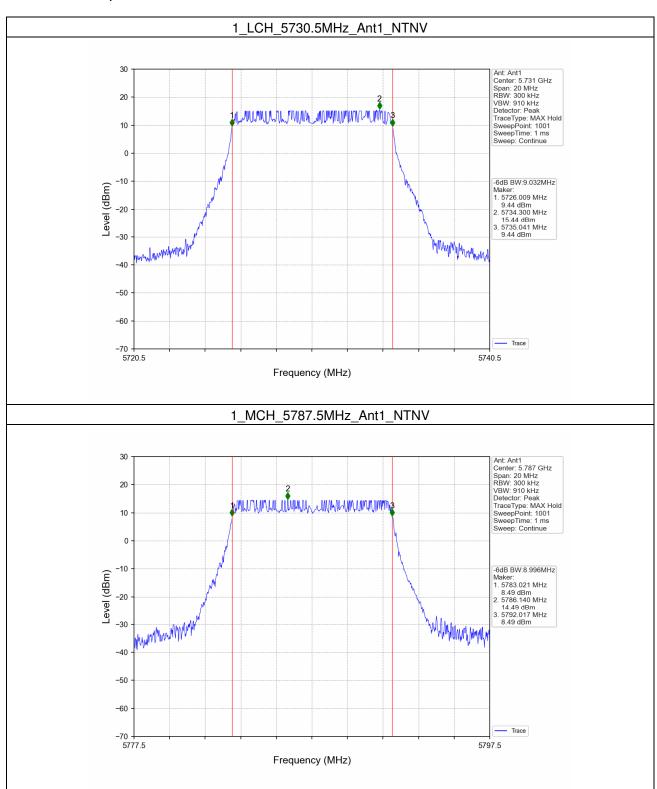
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## 2.2.2 Test Graph





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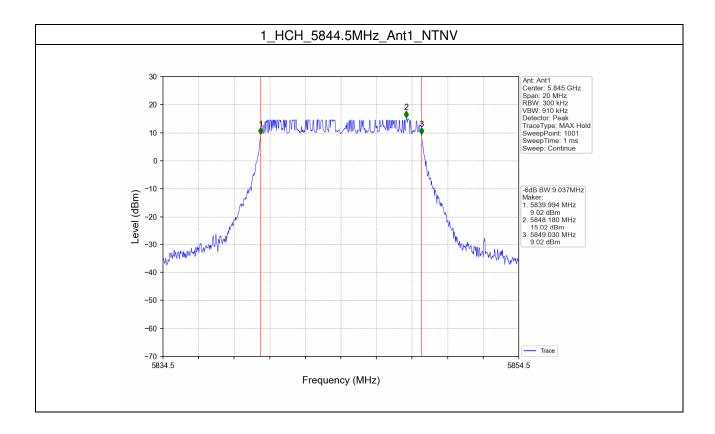
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## 3. Maximum Conducted Output Power

#### 3.1 Power

#### 3.1.1 Test Result

Ī	Mada	TX	Frequency	Measured A	verage Output F	Power (dBm)	Limit (dDm)	Vordiet		
	Mode	Туре	(MHz)	Ant1	Ant2	Sum	Limit (dBm)	Verdict		
ſ					5730.5	17.08	16.49	19.81	<=29.24	Pass
	1	MIMO	5787.5	16.36	16.15	19.27	<=29.24	Pass		
			5844.5	16.45	16.46	19.47	<=29.24	Pass		

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

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



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## 4. Maximum Power Spectral Density

### 4.1 PSD

#### 4.1.1 Test Result

Mada	TX	Frequency	Maxim	um PSD (dBm/5	00kHz)	Limit	Verdict
Mode	Туре	(MHz)	Ant1	Ant2	Sum	(dBm/500kHz)	verdict
		5730.5	5.98	4.89	8.34	<=29.24	Pass
1	MIMO	5787.5	5.45	4.62	7.82	<=29.24	Pass
		5844.5	5.35	4.91	7.84	<=29.24	Pass

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

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



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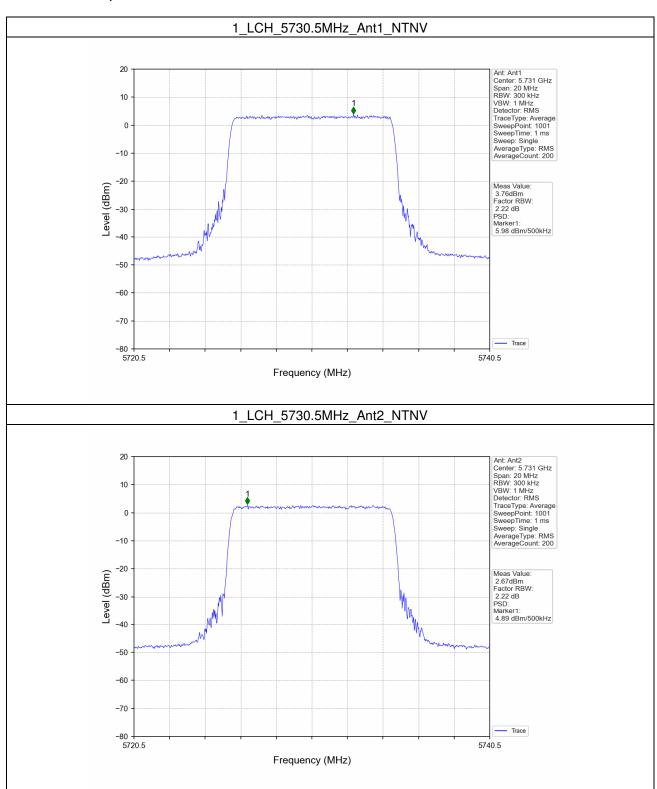
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## 4.1.2 Test Graph





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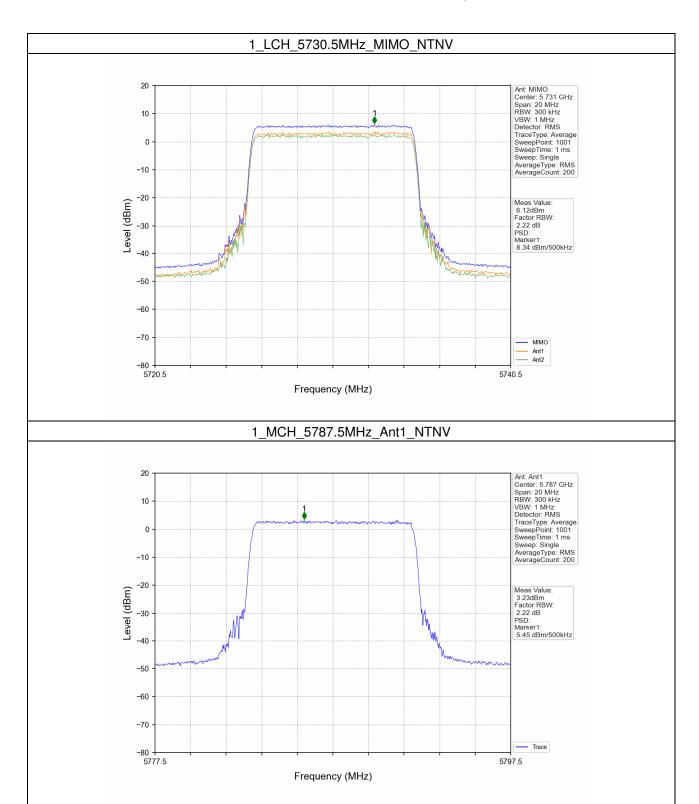
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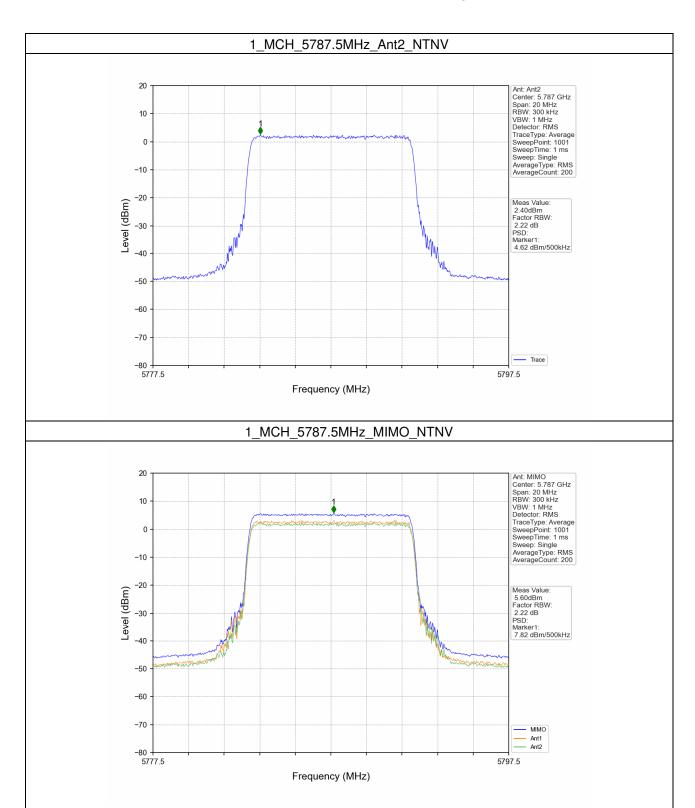
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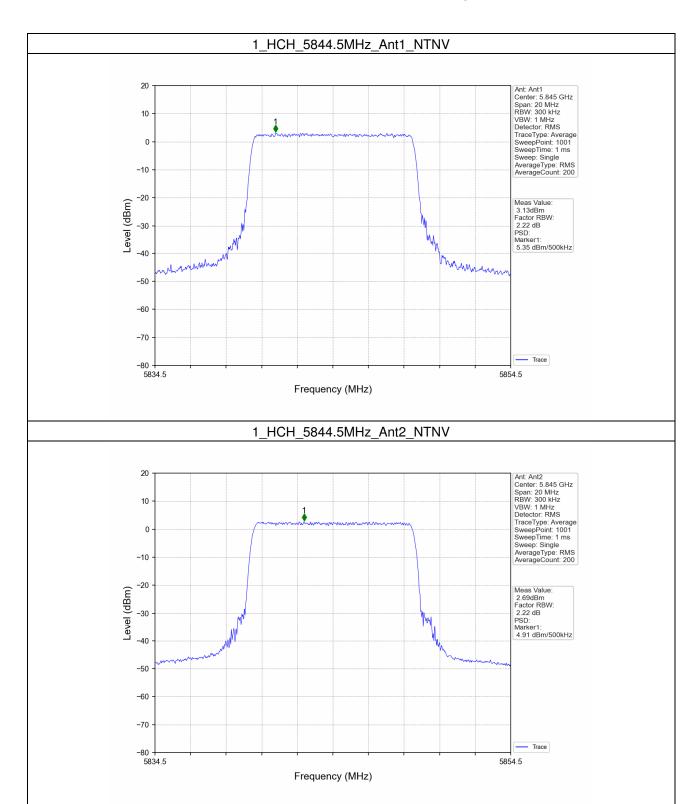
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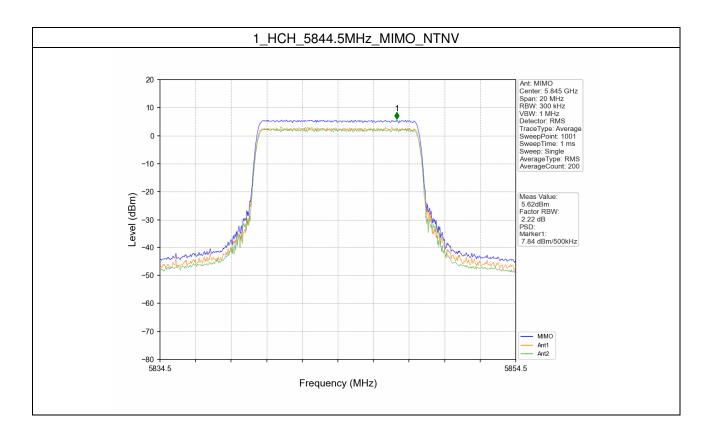
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## MIMO Mode, 20MHz BW

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

	Ant1								
Mode	ТХ Туре	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)		
		5735.5	19.95	19.97	99.93	0.00	0.00		
1	MIMO	5787.5	19.95	19.97	99.91	0.00	0.00		
		5839.5	19.95	19.97	99.91	0.00	0.00		

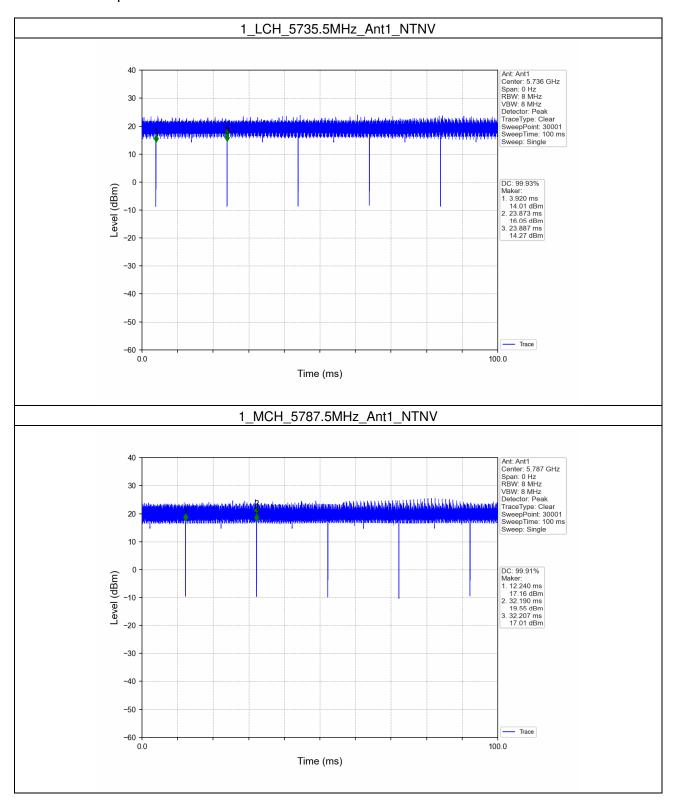




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### 1.1.2 Test Graph





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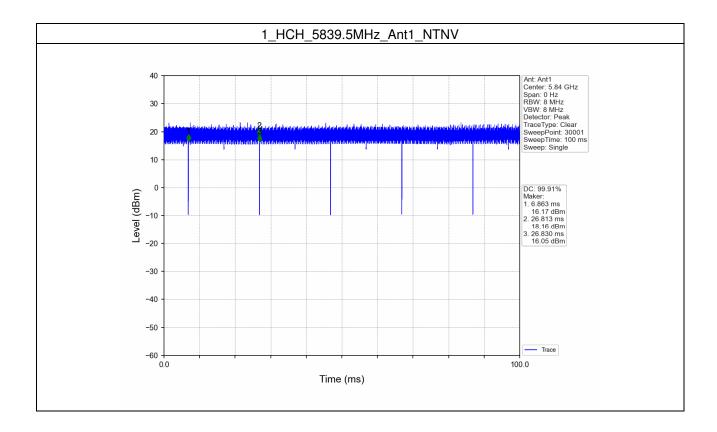
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## 2. Bandwidth

2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
		5735.5	1	17.86	/	Pass
1	MIMO	5787.5	1	18.01	/	Pass
		5839.5	1	18.05	/	Pass



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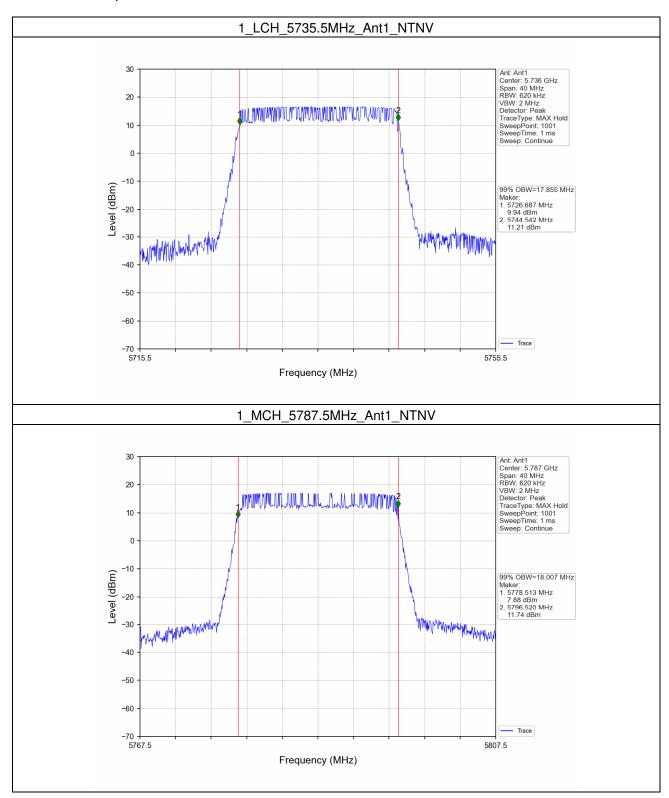
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## 2.1.2 Test Graph





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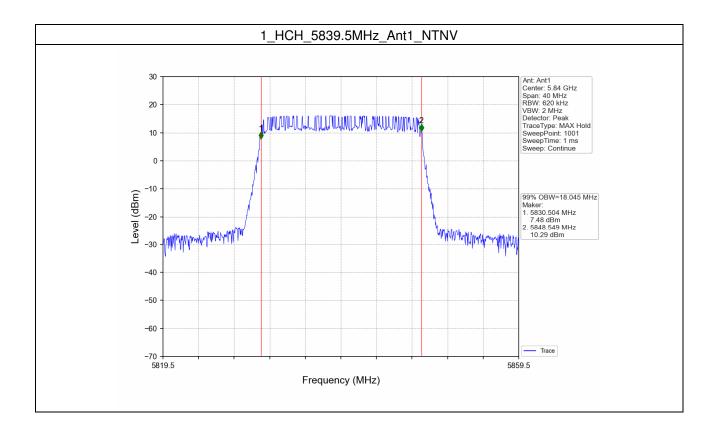
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#### 2.2 6dB BW

#### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
		5735.5 1		17.53	>=0.5	Pass
1	MIMO	5787.5	1	18.13	>=0.5	Pass
		5839.5	1	18.15	>=0.5	Pass



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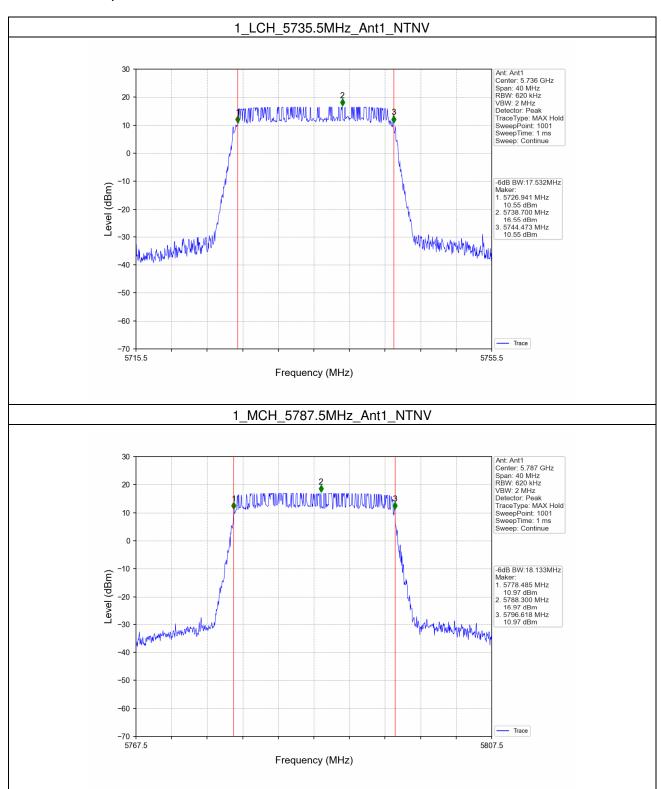
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## 2.2.2 Test Graph





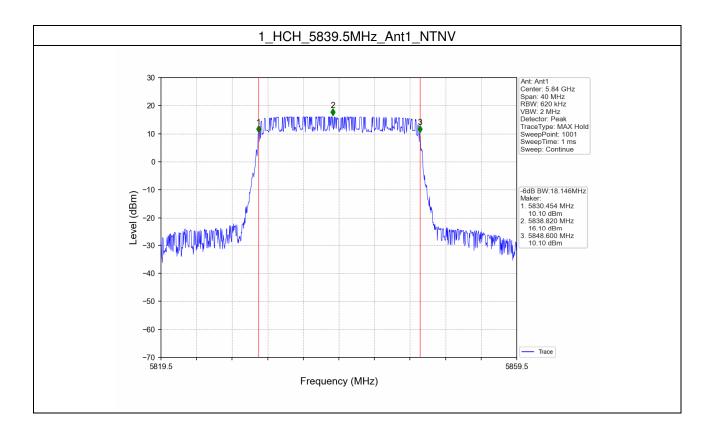
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## 3. Maximum Conducted Output Power

#### 3.1 Power

#### 3.1.1 Test Result

Ī	Mada	TX	Frequency	Measured A	verage Output F	Power (dBm)	Limit (dDm)	Verdict		
	Mode	Туре	(MHz)	Ant1	Ant2	Sum	Limit (dBm)	verdict		
ſ					5735.5	16.83	15.70	19.31	<=29.24	Pass
	1	MIMO	5787.5	17.26	16.52	19.92	<=29.24	Pass		
			5839.5	16.35	16.48	19.43	<=29.24	Pass		

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

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



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## 4. Maximum Power Spectral Density

## 4.1 PSD

#### 4.1.1 Test Result

Mada	TX	Frequency	Maxim	um PSD (dBm/5	00kHz)	Limit	Verdict
Mode	Туре	(MHz)	Ant1	Ant2	Sum	(dBm/500kHz)	verdict
		5735.5	2.67	1.25	4.80	<=29.24	Pass
1 MIMO	MIMO	5787.5	2.25	2.02	4.88	<=29.24	Pass
	5839.5	1.71	2.15	4.74	<=29.24	Pass	

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

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



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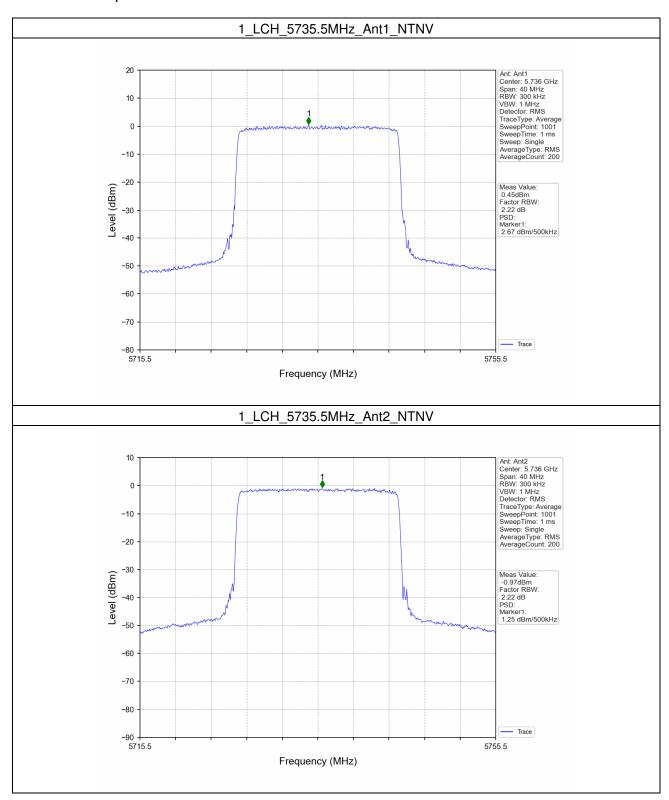
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### 4.1.2 Test Graph





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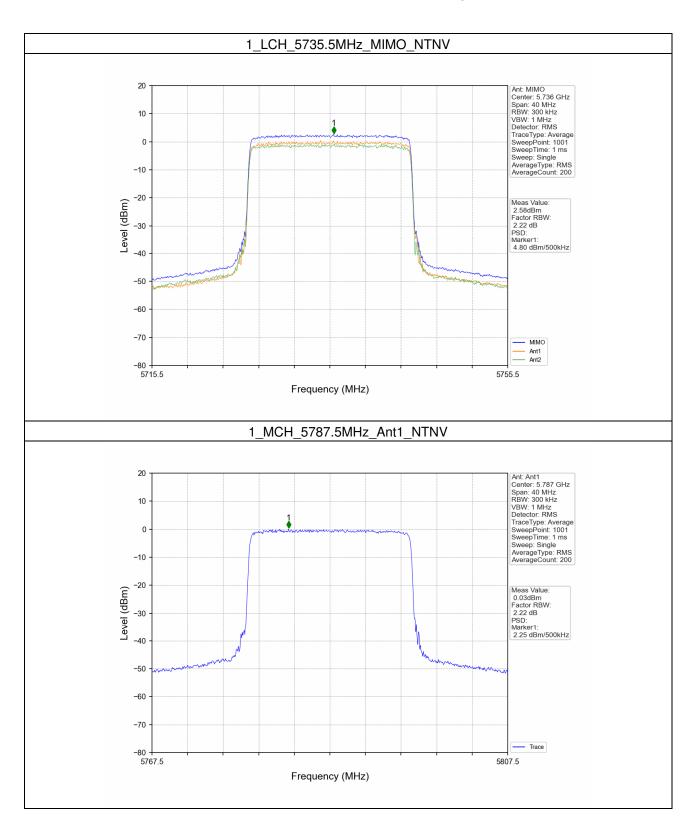
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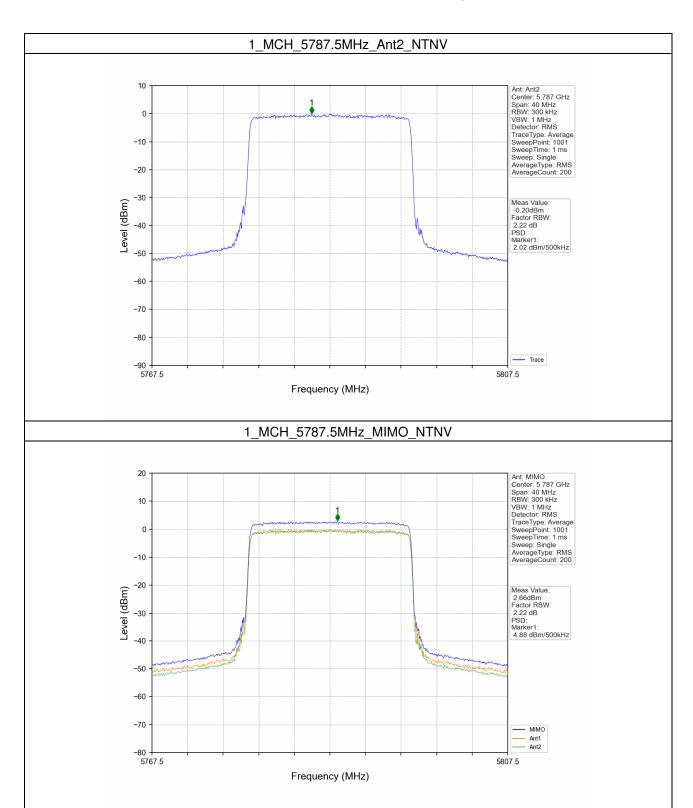
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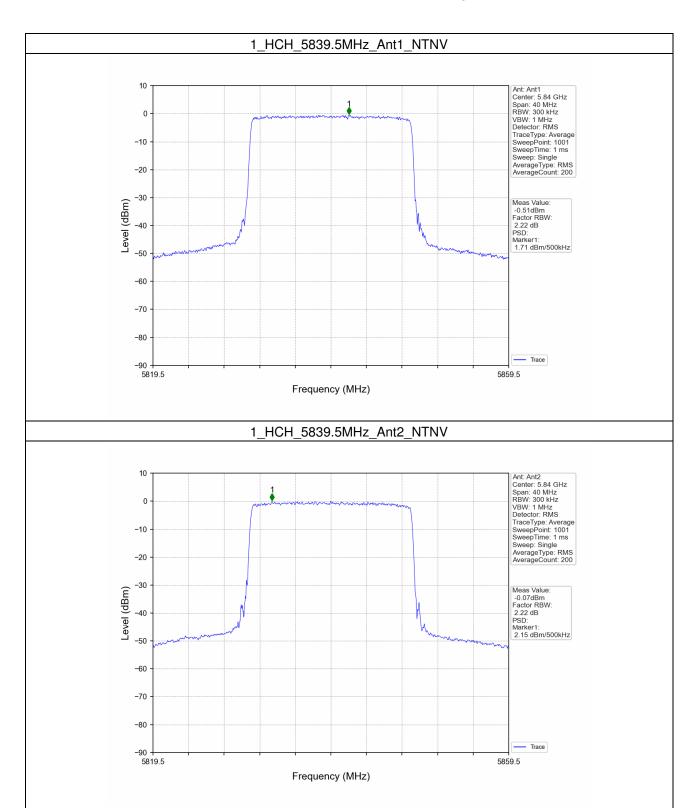
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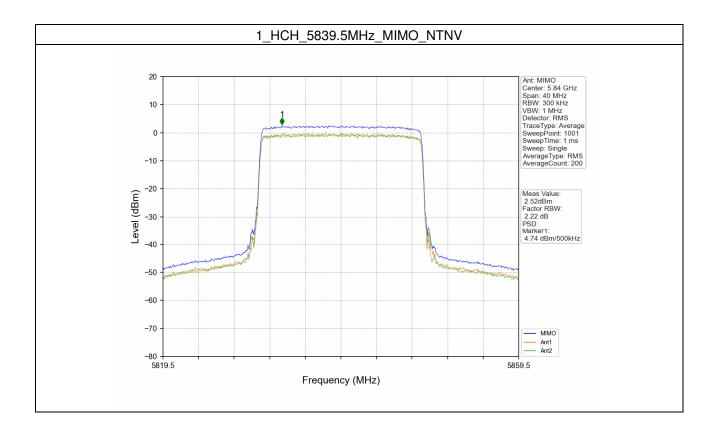
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### MIMO Mode, 40MHz BW

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1								
Mode	Mode TX Type Frequency (MHz)		T_on (ms) Period (ms)		Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)	
		5745.5	19.94	19.97	99.88	0.01	0.00	
1	MIMO	5787.5	19.94	19.97	99.88	0.01	0.00	
		5829.5	19.94	19.97	99.88	0.01	0.00	

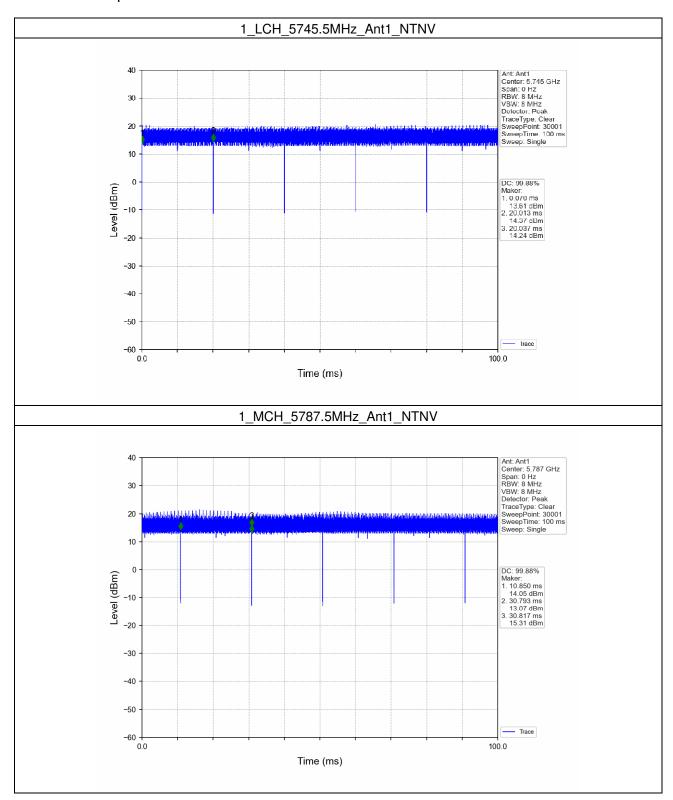




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#### 1.1.2 Test Graph





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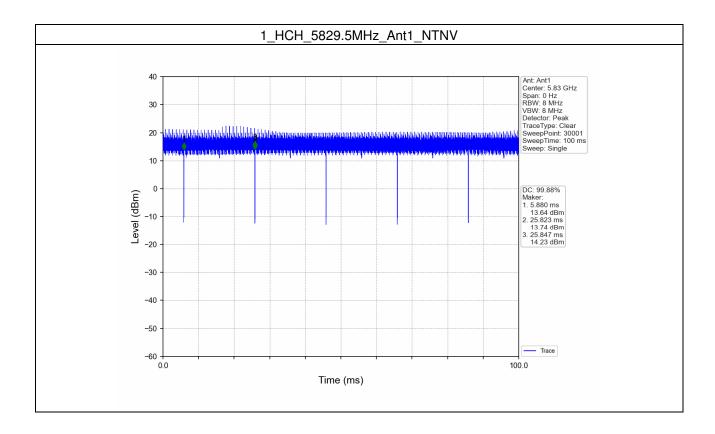
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#### 2. Bandwidth

#### 2.1 OBW

#### 2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
		5745.5         1         36.04           MIMO         5787.5         1         35.96		/	Pass	
1	MIMO			35.96	/	Pass
		5829.5	1	35.96	/	Pass



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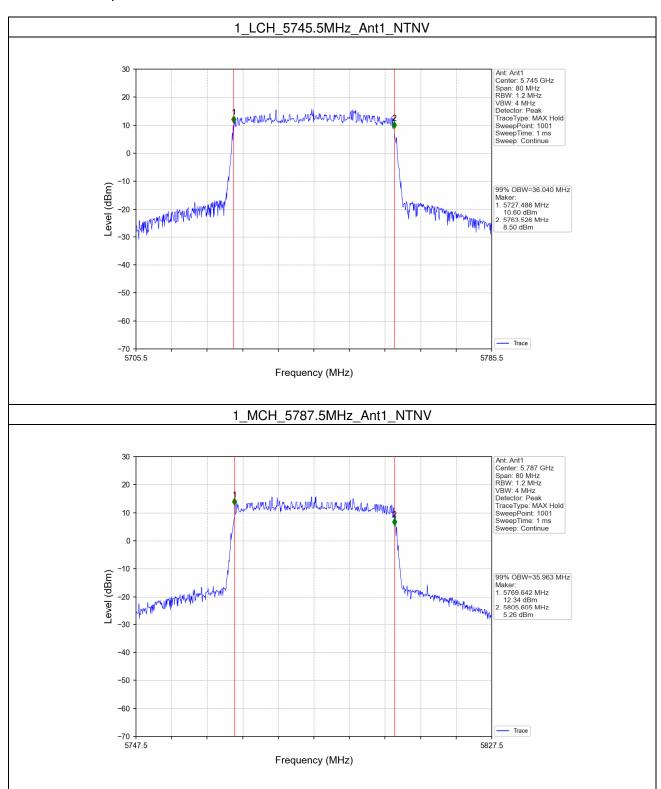
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#### 2.1.2 Test Graph





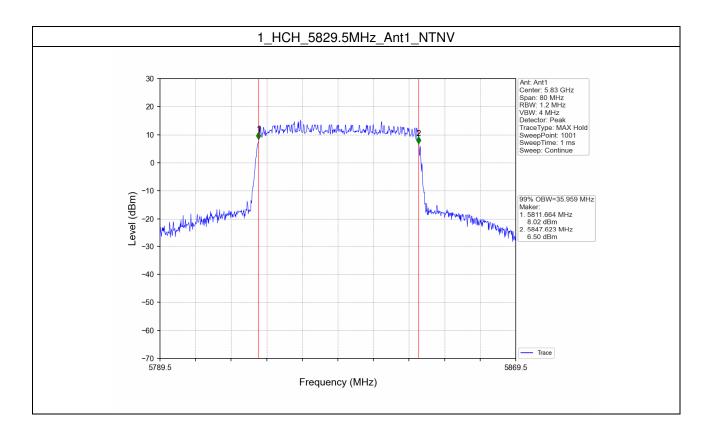
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#### 2.2 6dB BW

#### 2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)	Limit	Verdict
		5745.5	1	36.36	>=0.5	Pass
1	MIMO	5787.5	1	35.72	>=0.5	Pass
		5829.5	1	35.77	>=0.5	Pass

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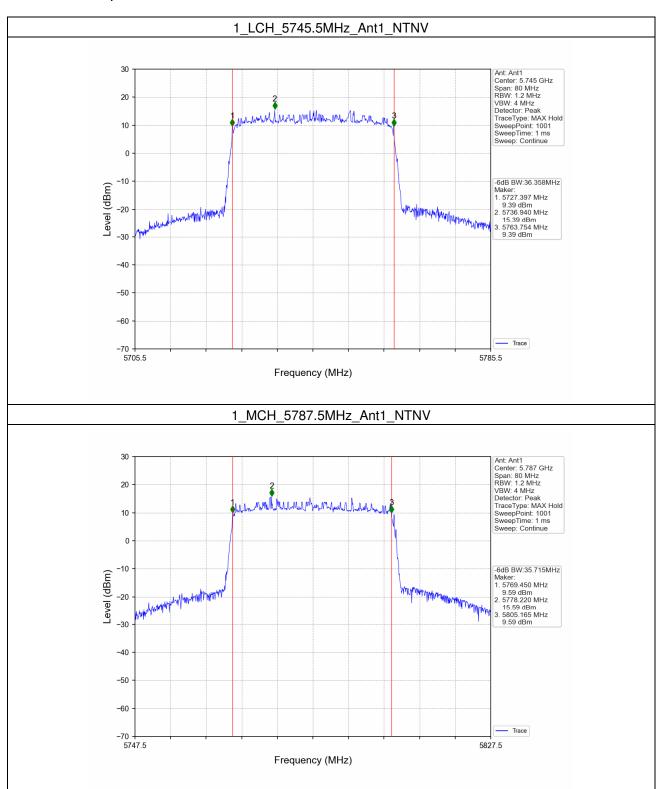
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#### 2.2.2 Test Graph





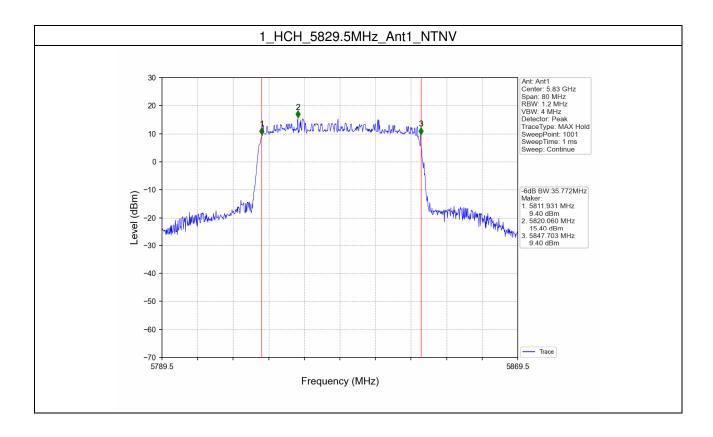
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### 3. Maximum Conducted Output Power

#### 3.1 Power

#### 3.1.1 Test Result

	Mada	TX Type	Frequency (MHz)	Measured A	Linait (dDna)	Voudiet		
	Mode			Ant1	Ant2	Sum	Limit (dBm)	Verdict
		МІМО	5745.5	17.27	15.86	19.63	<=29.24	Pass
	1		5787.5	16.45	16.11	19.29	<=29.24	Pass
			5829.5	16.14	16.34	19.25	<=29.24	Pass

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

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



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### 4. Maximum Power Spectral Density

#### 4.1 PSD-Band3

#### 4.1.1 Test Result

	Mada	TX Type	Frequency (MHz)	Maxim	um PSD (dBm/5	Limit	Mondiet	
	Mode			Ant1	Ant2	Sum	(dBm/500kHz)	Verdict
		МІМО	5745.5	0.01	-1.08	2.09	<=29.24	Pass
	1		5787.5	-0.98	-0.40	1.96	<=29.24	Pass
			5829.5	-0.96	-0.97	1.89	<=29.24	Pass

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

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



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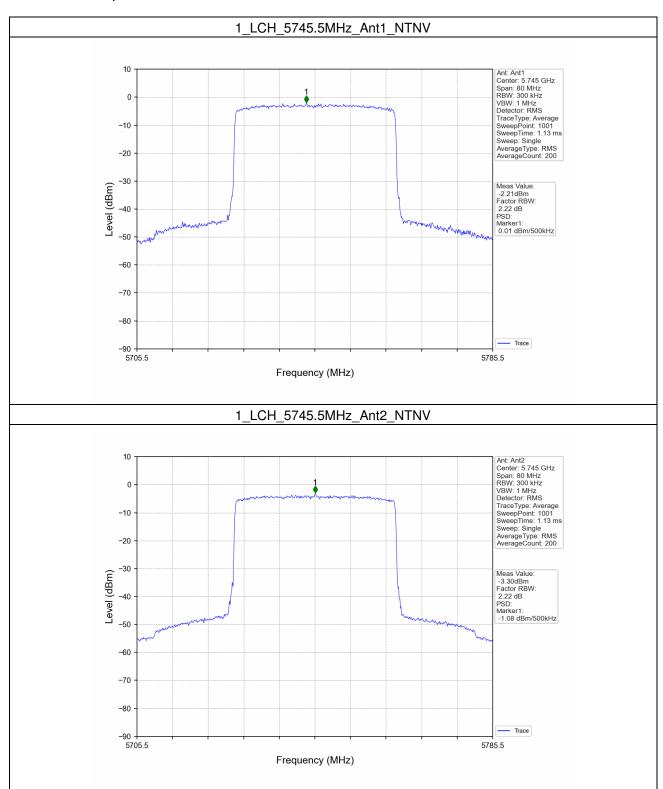
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#### 4.1.2 Test Graph





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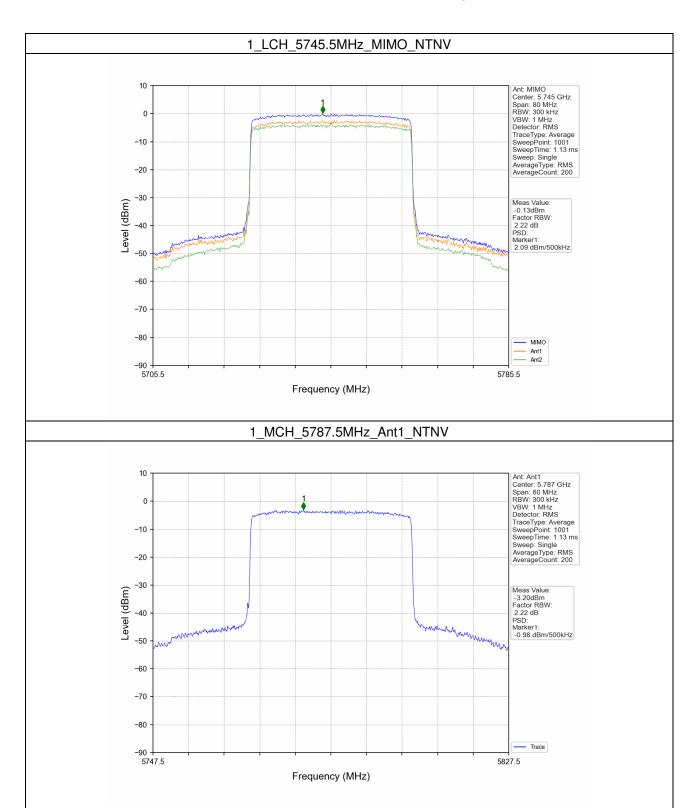
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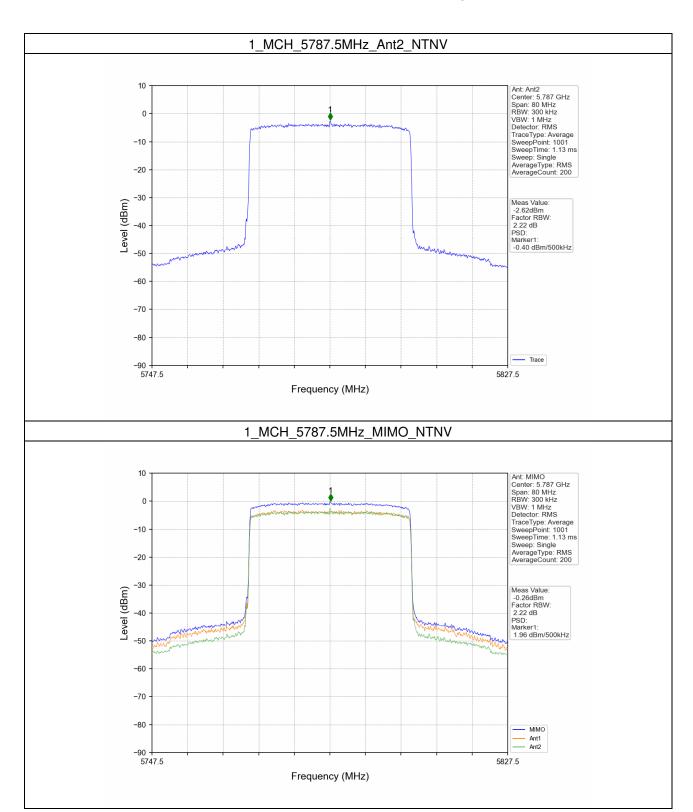
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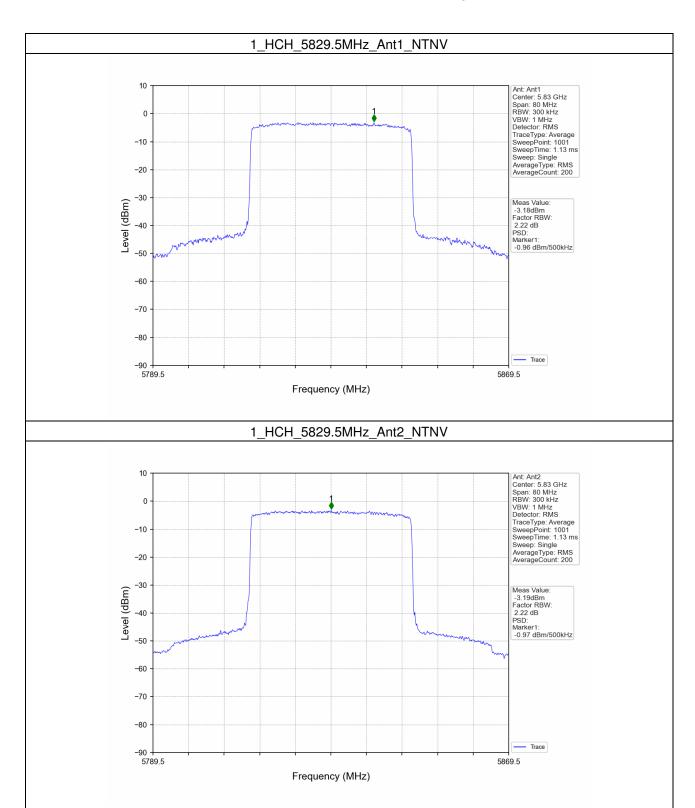
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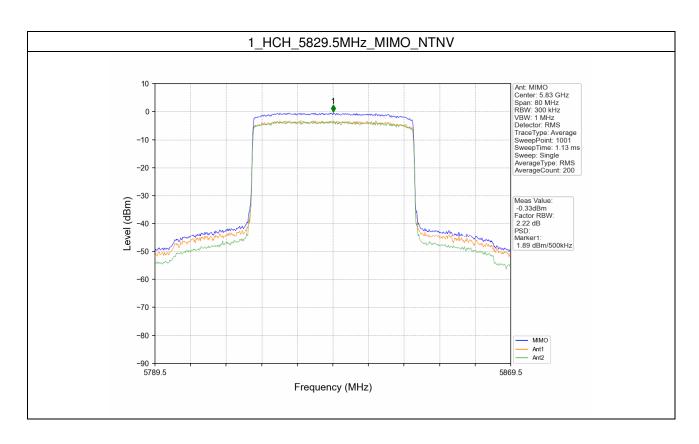
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