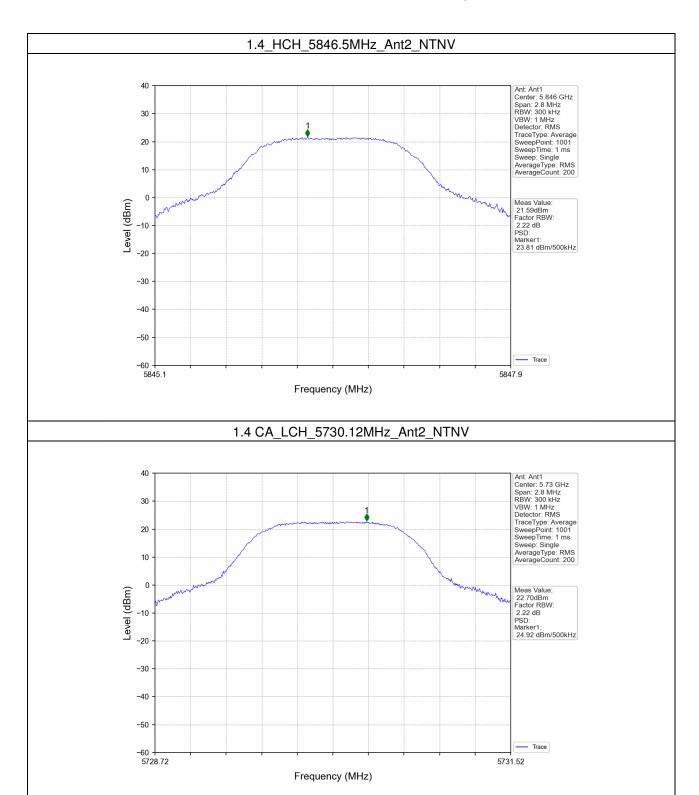


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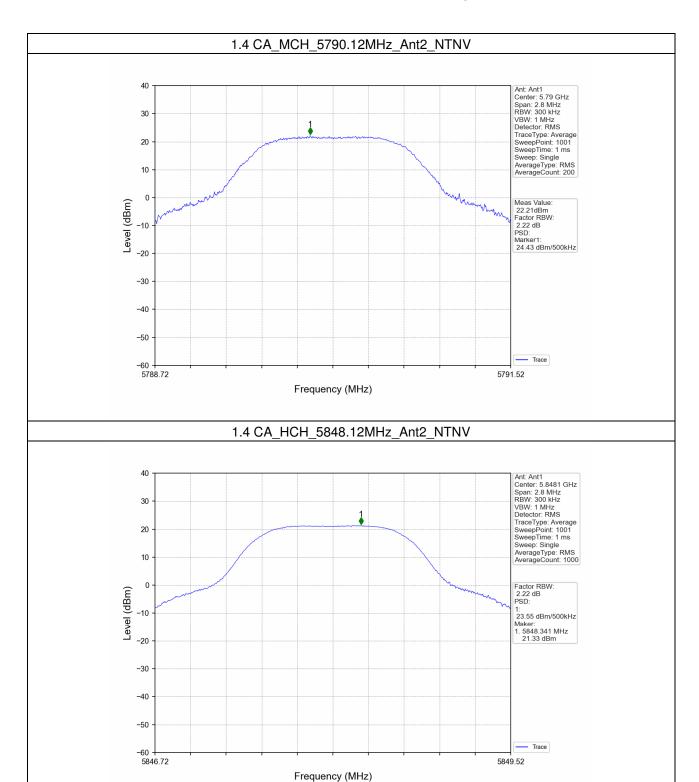
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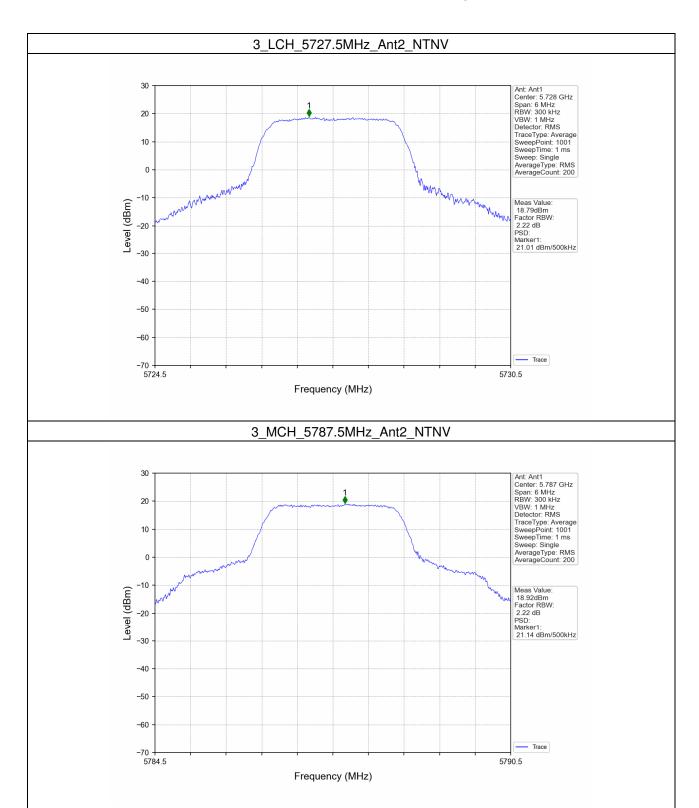
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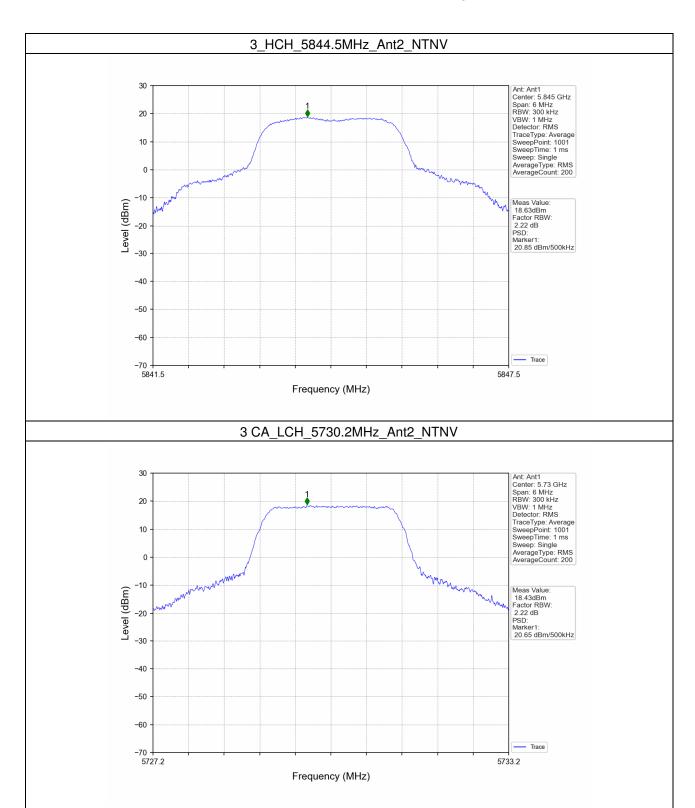
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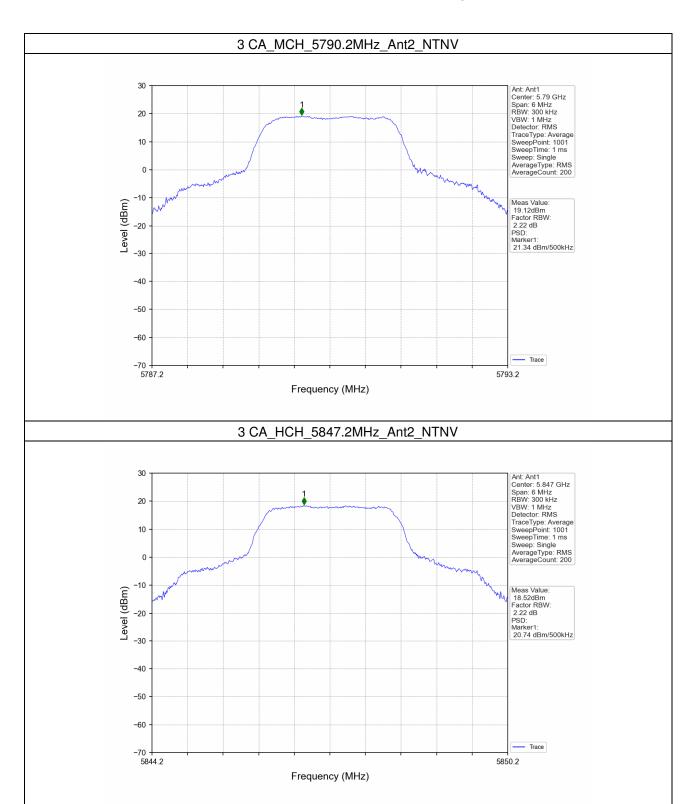
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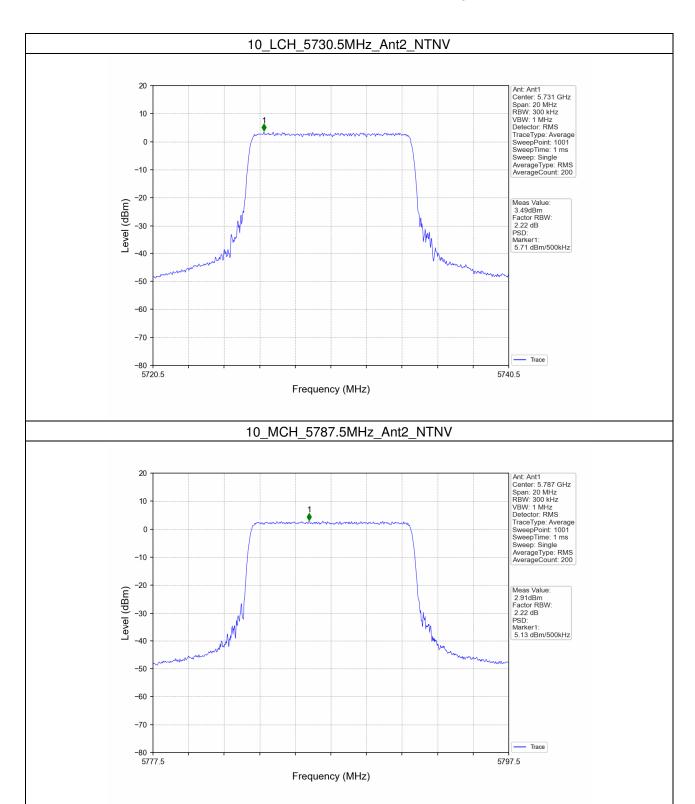
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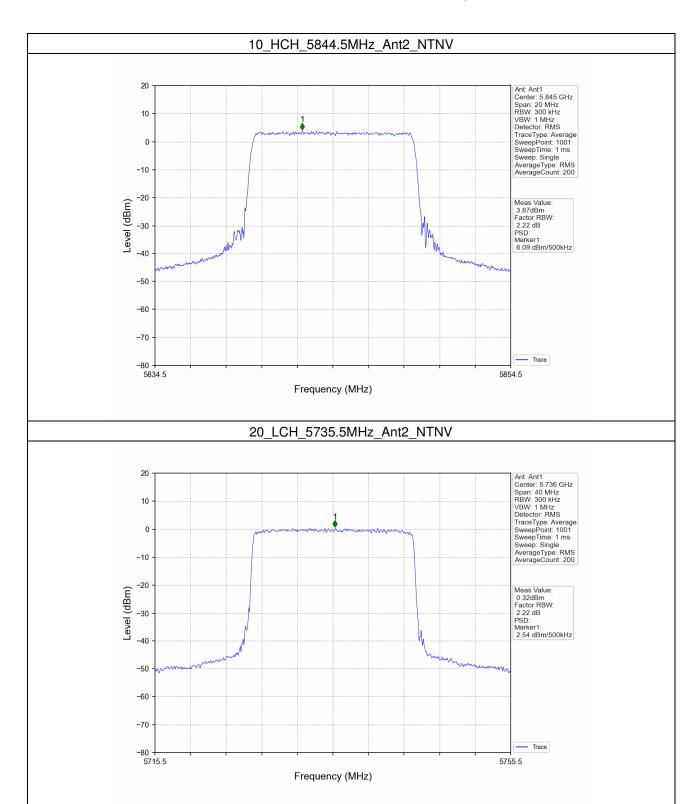
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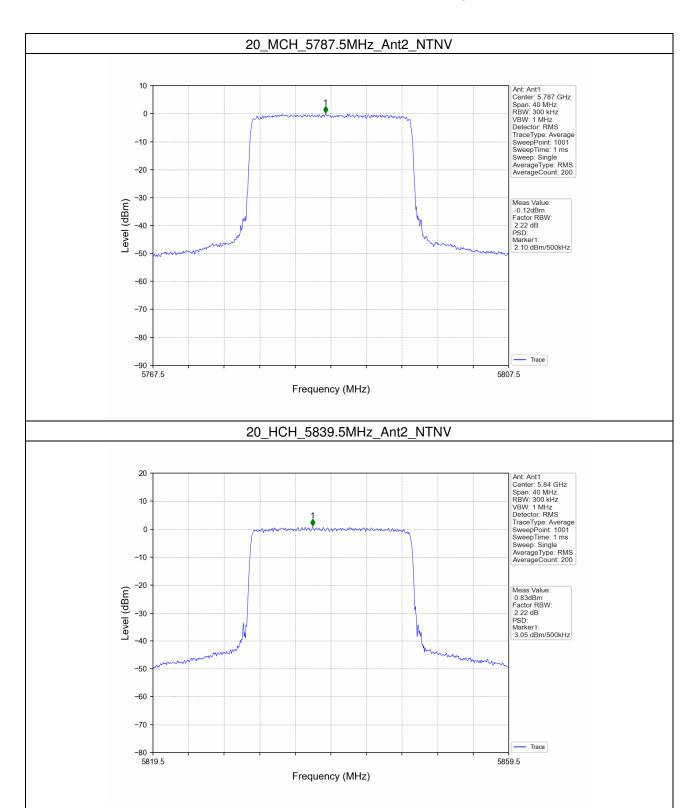
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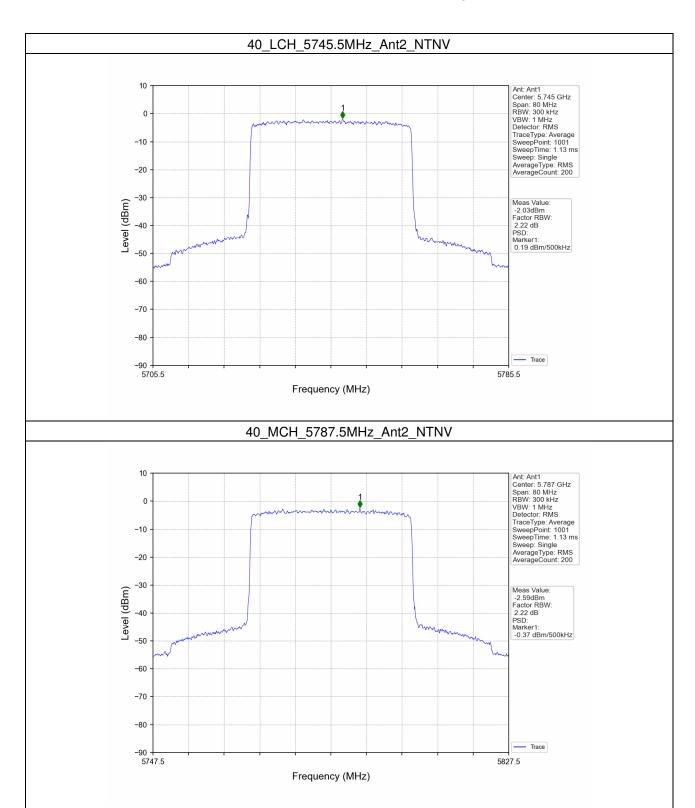
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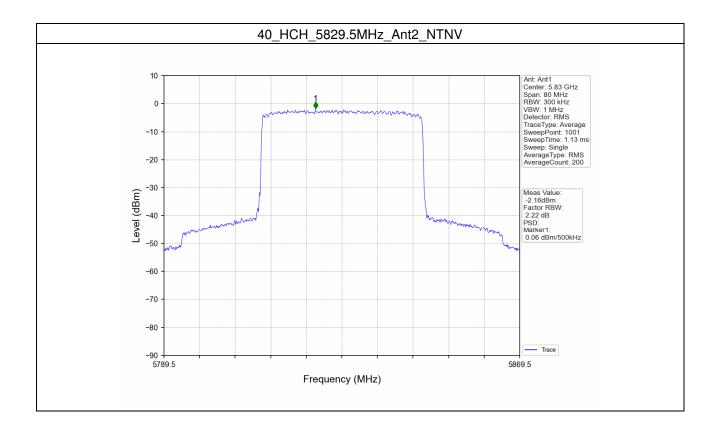
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MIMO Mode, 1.4MHz BW

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

	Ant1											
Mode	Mode TX Type Frequency (MHz)				Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)					
		5728.5	100.00	100.00	100.00	0.00	0.00					
1	MIMO	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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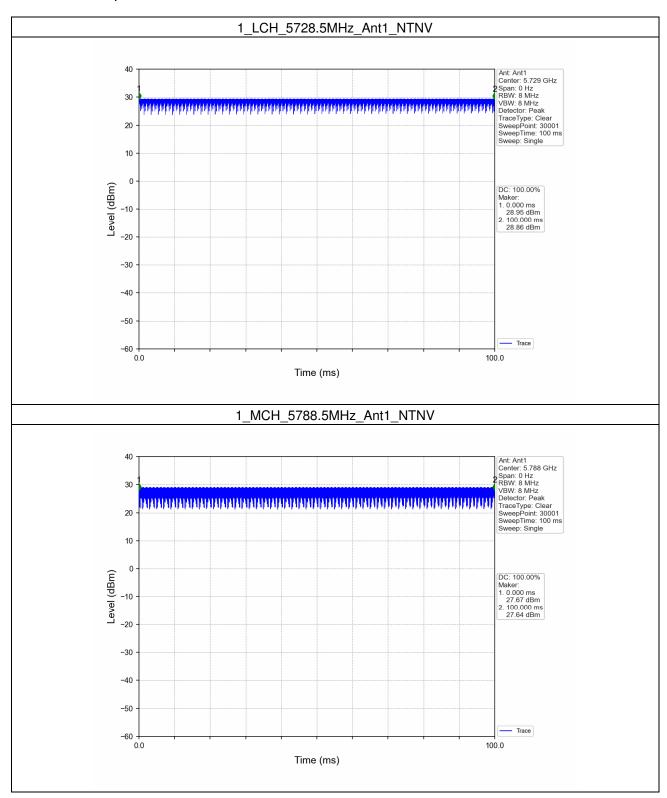
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1.1.2 Test Graph





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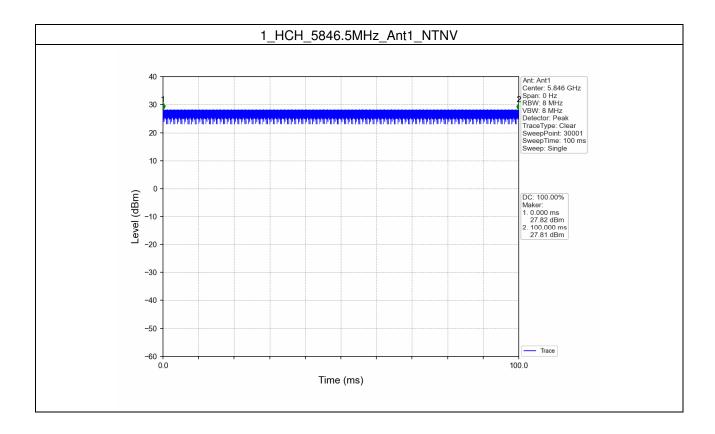
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

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



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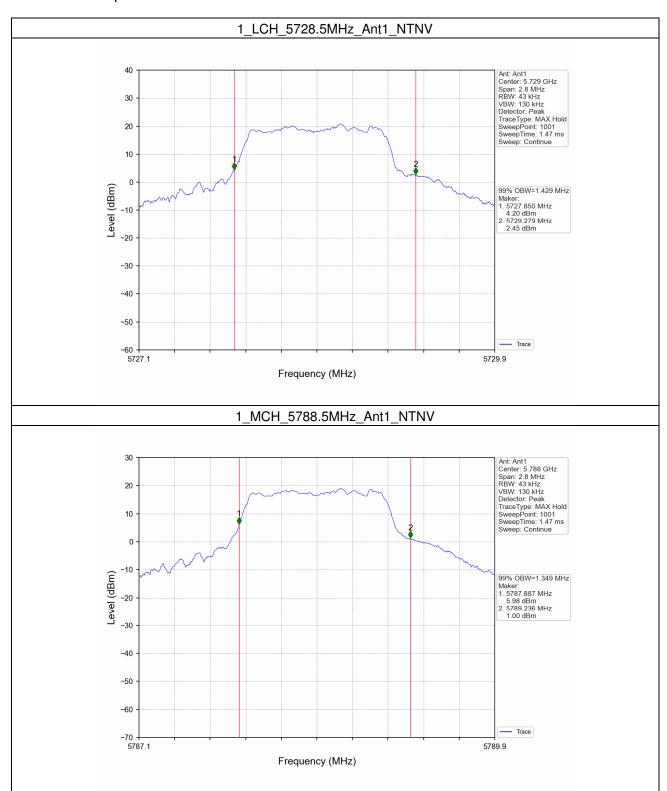
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2.1.2 Test Graph





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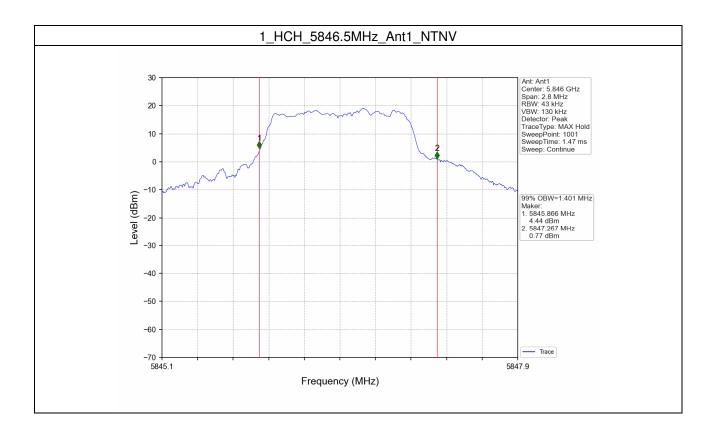
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2.2 6dB BW

2.2.1 Test Result

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



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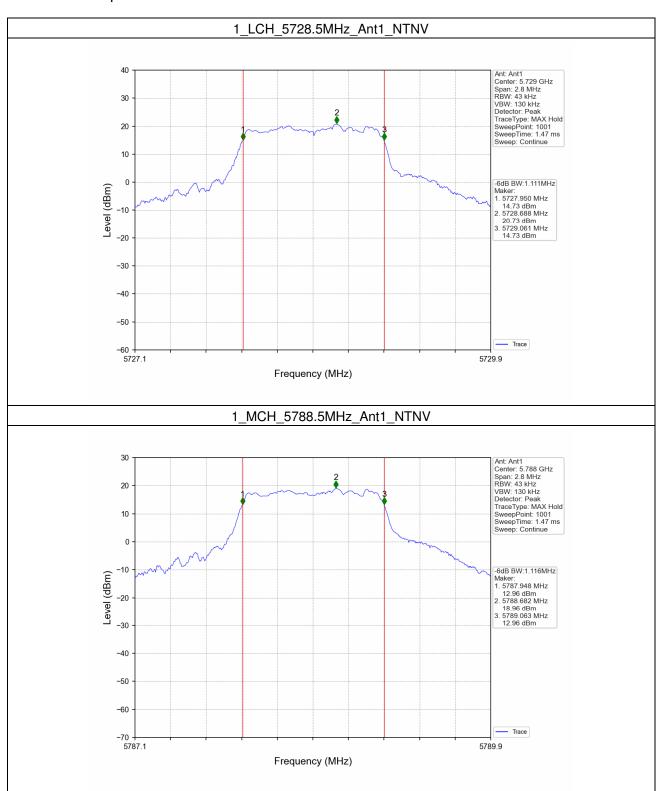
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2.2.2 Test Graph





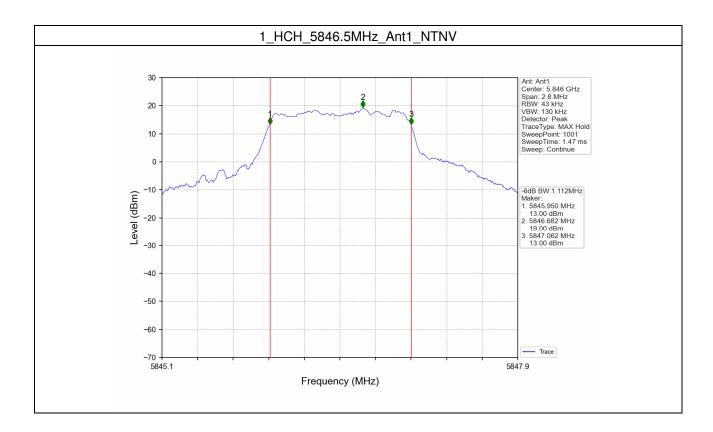
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Modo	TX	Frequency	Measured A	verage Output F	Power (dBm)	Limit (dBm)	Verdict		
	Туре	(MHz)	Ant1	Ant2	Sum	Limit (dbm)			
	МІМО	MIMO		5728.5	23.51	22.15	25.89	<=29.24	Pass
1			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= $10log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi.$



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX	Frequency	Maxim	um PSD (dBm/5	Limit	Verdict				
Mode	Type	Type	Туре	Type	(MHz)	Ant1	Ant2	Sum	(dBm/500kHz)	verdict
		5728.5	21.95	20.54	24.20	<=29.24	Pass			
1	MIMO	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= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$.



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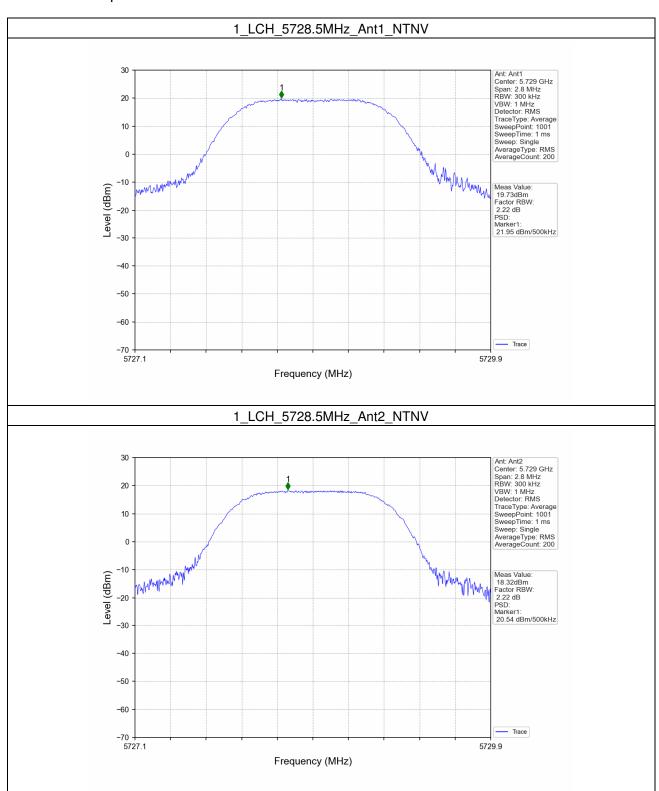
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4.1.2 Test Graph





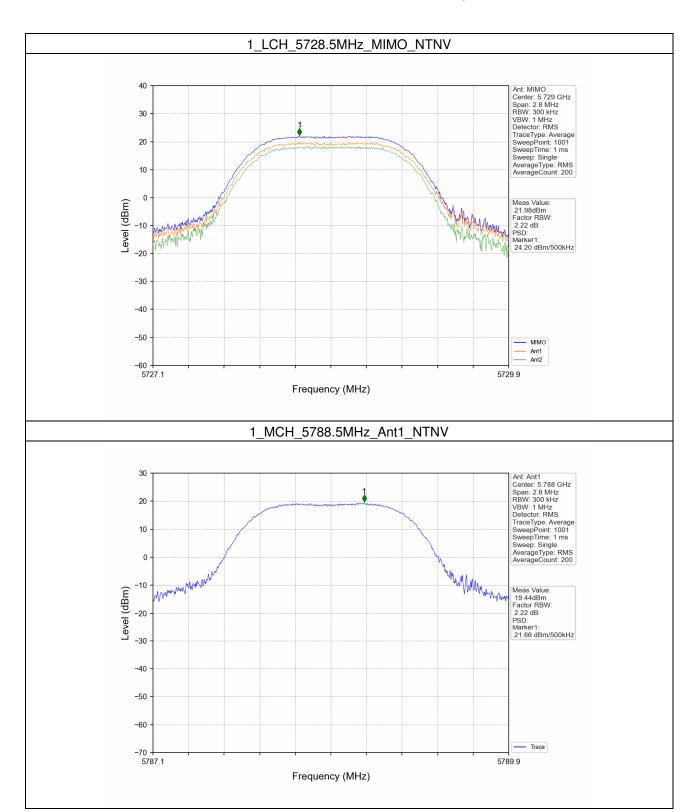
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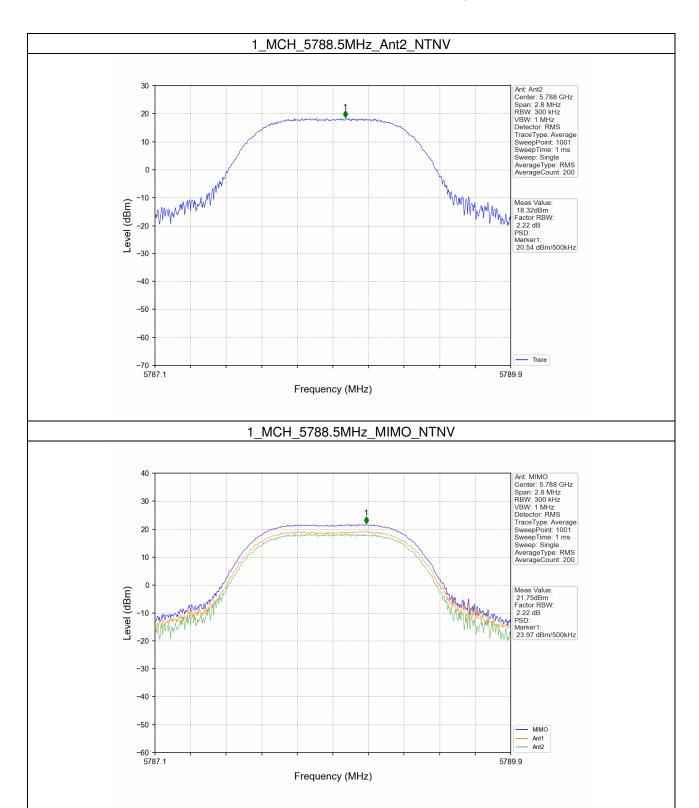
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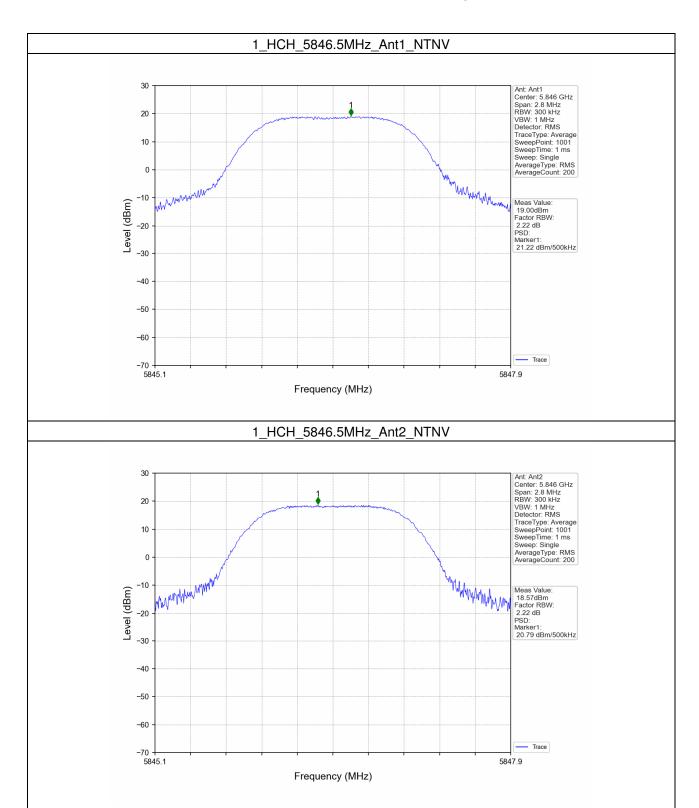
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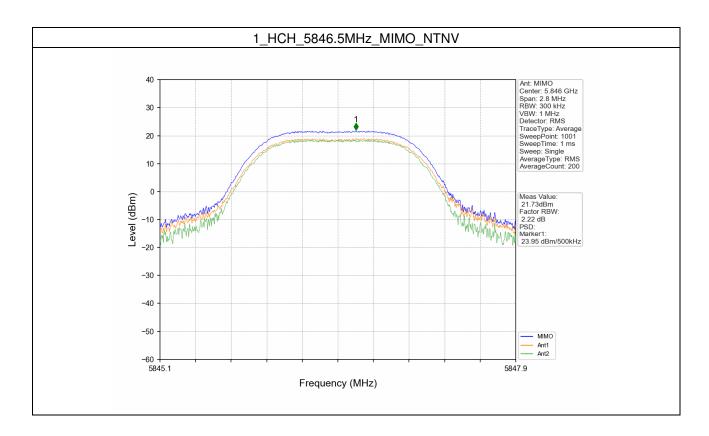
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MIMO Mode, 1.4MHz CA BW

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 (%)
		5730.12	100.00	100.00	100.00	0.00	0.00
1	MIMO	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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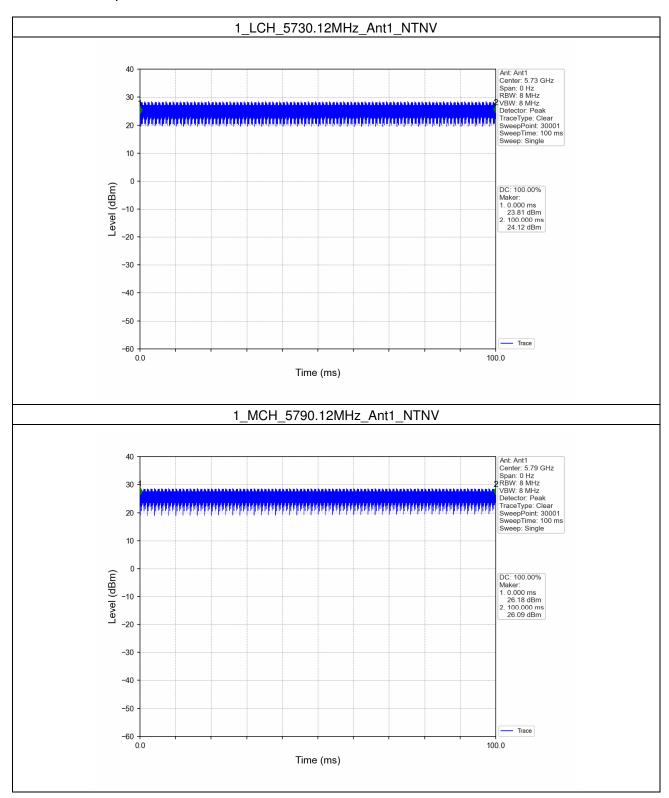
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1.1.2 Test Graph





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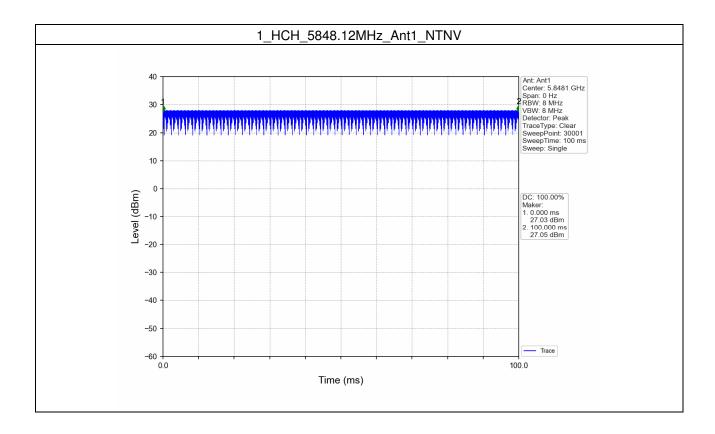
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

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



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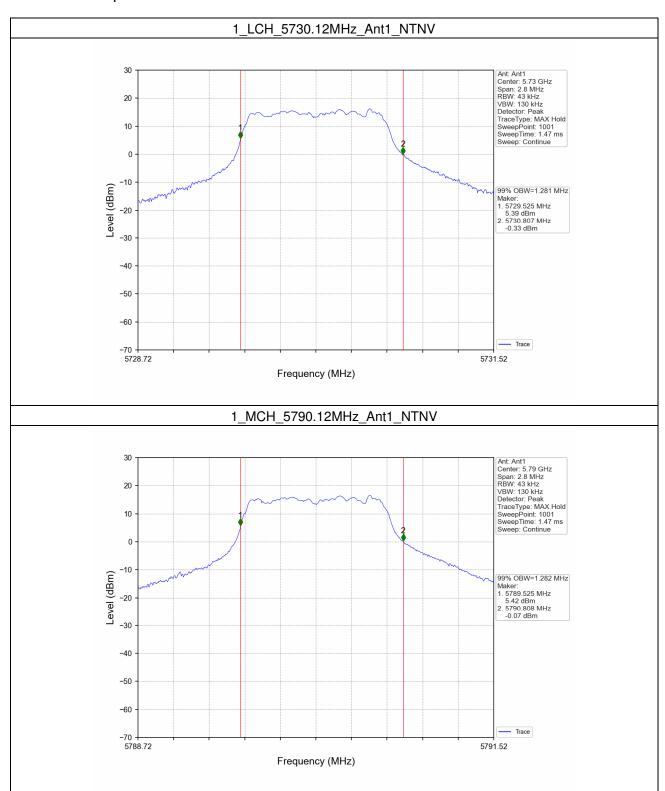
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2.1.2 Test Graph





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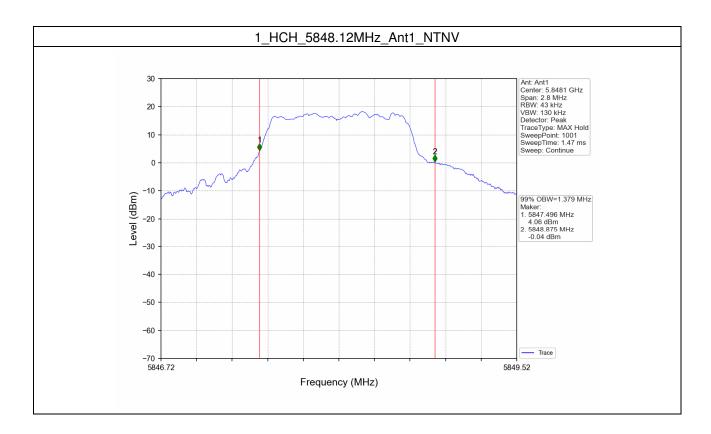
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2.2 6dB BW

2.2.1 Test Result

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



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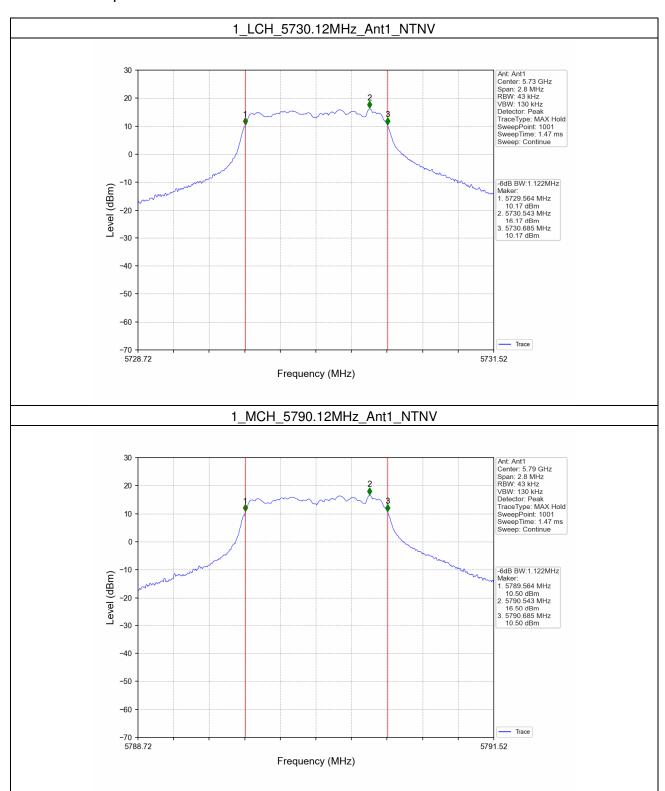
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2.2.2 Test Graph





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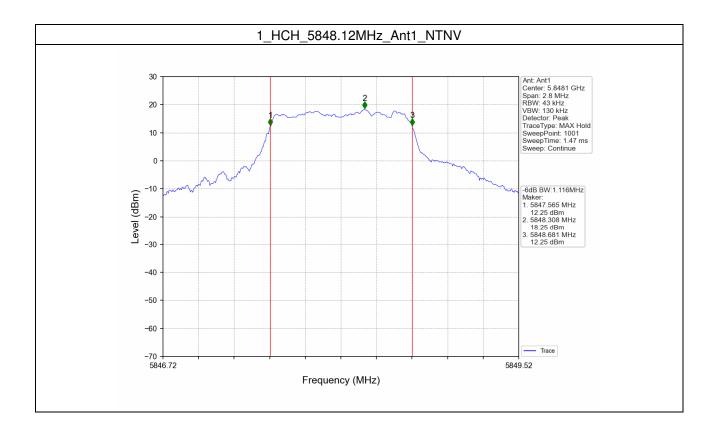
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

	Mada	TX	Frequency	Measured A	verage Output F	Power (dBm)	Limit (dBm)	Verdict		
	Mode	Туре	Туре	Туре	Туре	(MHz)	Ant1	Ant2	Sum	Limit (abiii)
		МІМО	5730.12	23.31	21.91	25.68	<=29.24	Pass		
	1		MIMO	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= $10log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

	Mada	TX Type	Frequency (MHz)	Maxim	um PSD (dBm/5	Limit	Verdict	
	Mode			Ant1	Ant2	Sum	(dBm/500kHz)	verdict
		МІМО	5730.12	21.87	20.71	24.12	<=29.24	Pass
	1		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= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$.



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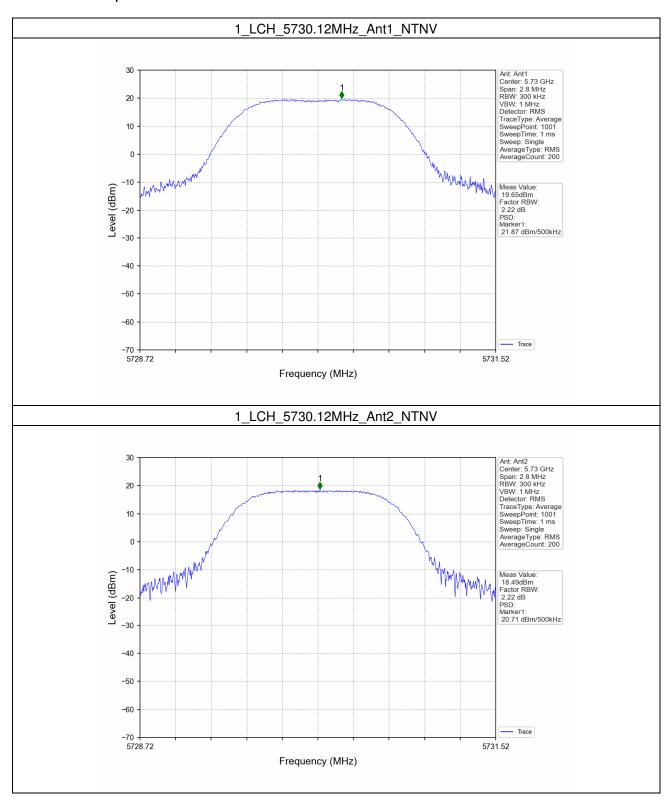
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4.1.2 Test Graph





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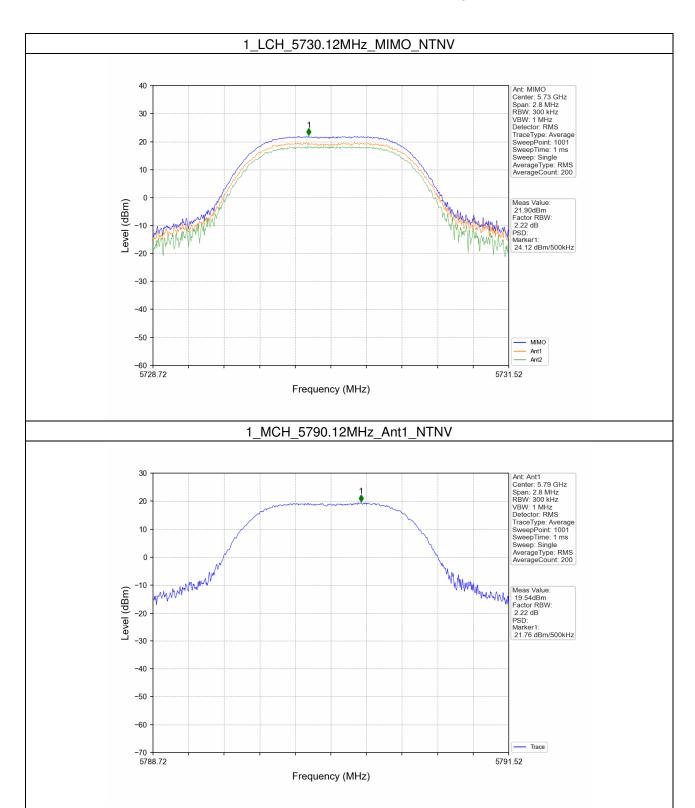
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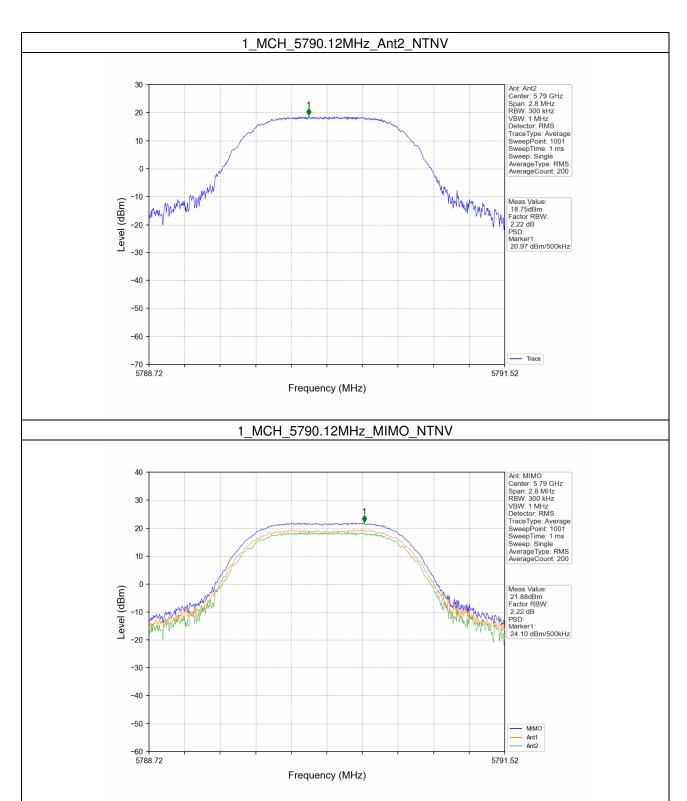
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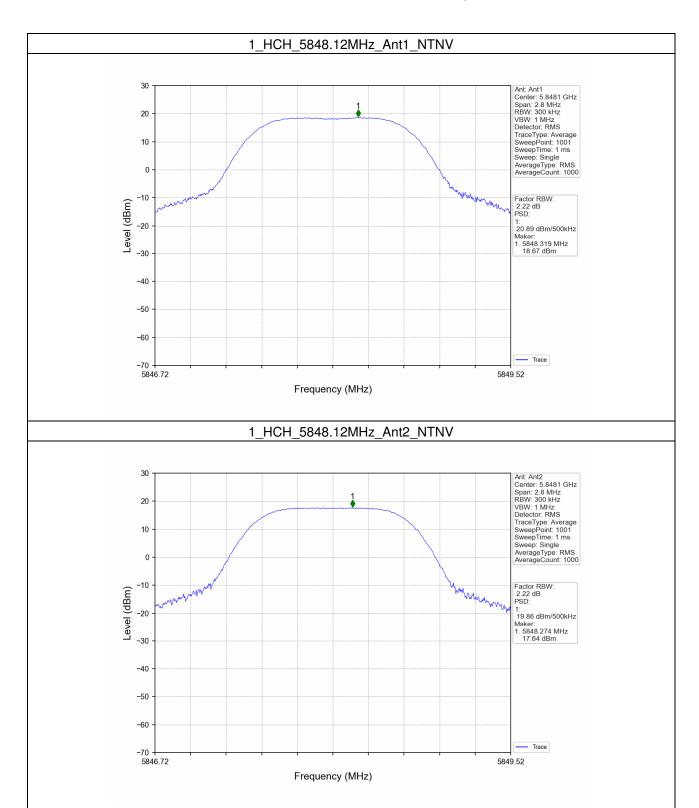
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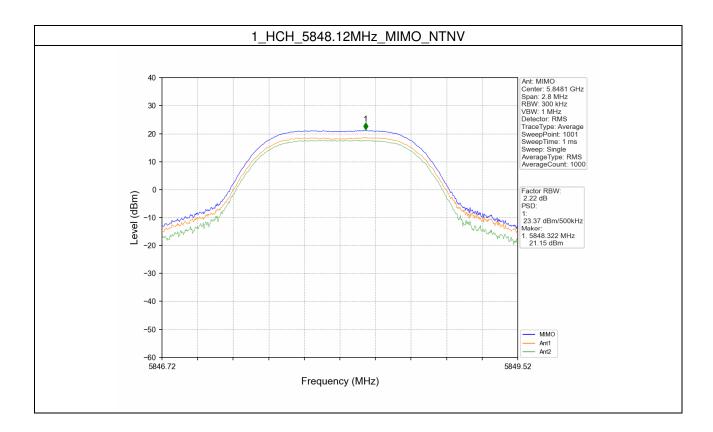
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MIMO Mode, 3MHz BW

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 (%)
		5727.5	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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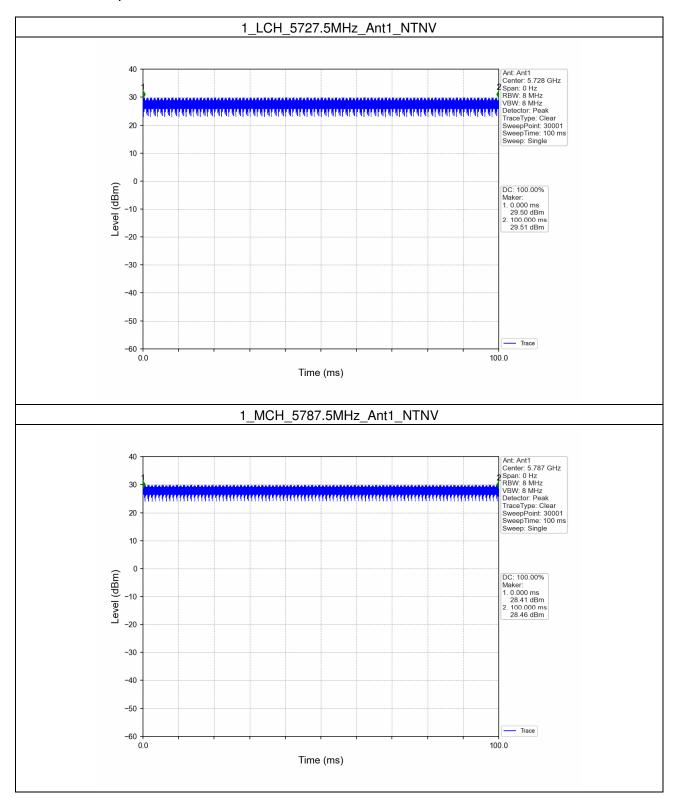
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1.1.2 Test Graph





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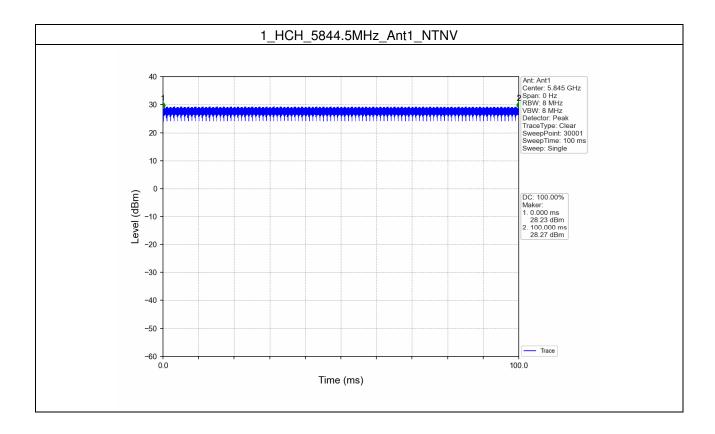
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

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



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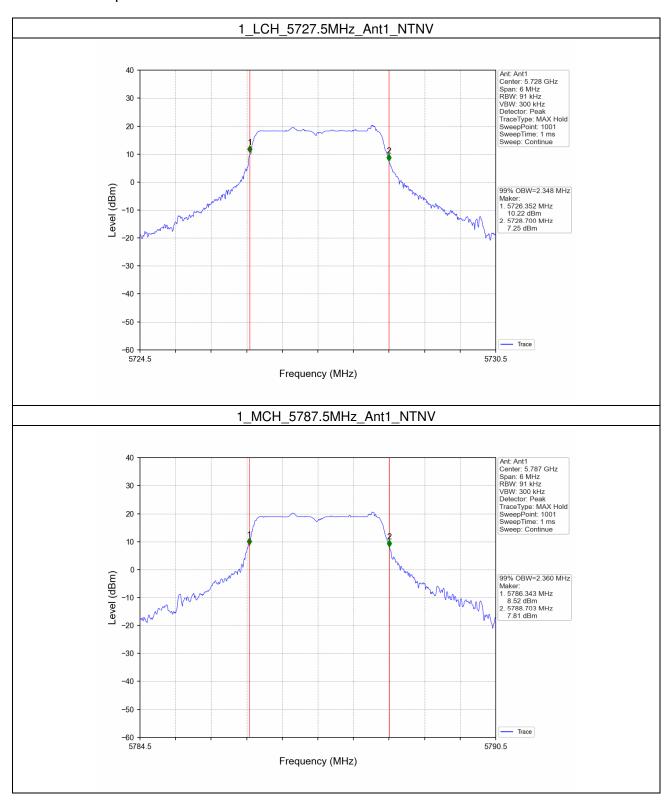
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2.1.2 Test Graph





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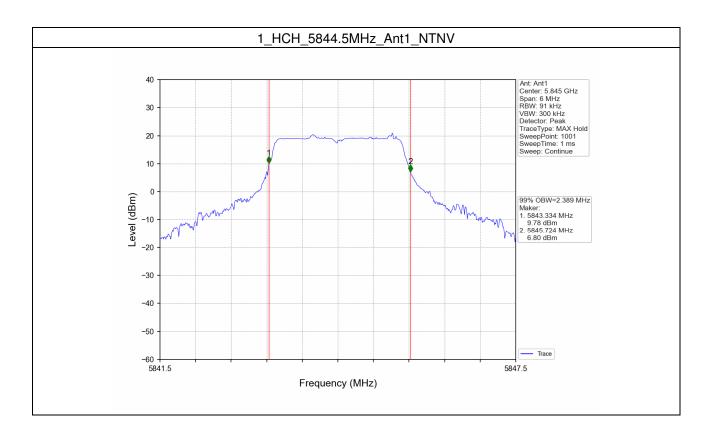
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2.2 6dB BW

2.2.1 Test Result

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



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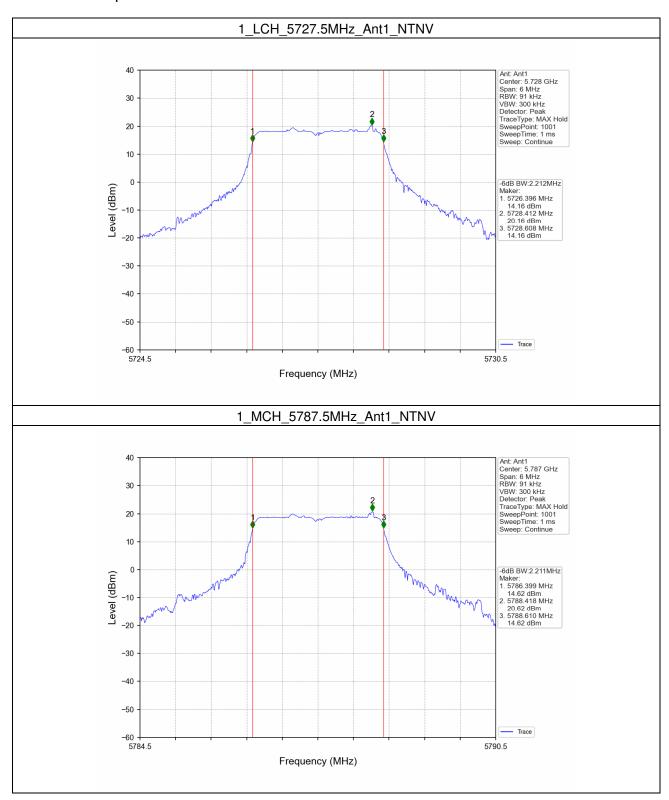
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2.2.2 Test Graph





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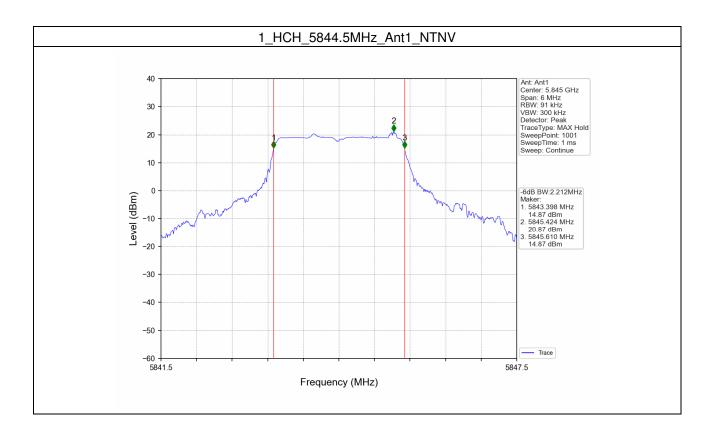
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

	Mada	TX	Frequency (MHz)	Measured A	verage Output F	Power (dBm)	Limit (dDm)	Verdict
	Mode	Туре		Ant1	Ant2	Sum	Limit (dBm)	verdict
			5727.5	23.48	22.90	26.21	<=29.24	Pass
	1	MIMO	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= $10log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mada	TX	Frequency (MHz)	Maxim	um PSD (dBm/5	Limit	Verdict	
Mode	Туре		Ant1	Ant2	Sum	(dBm/500kHz)	verdict
		5727.5	18.11	18.08	20.87	<=29.24	Pass
1	MIMO	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= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$.



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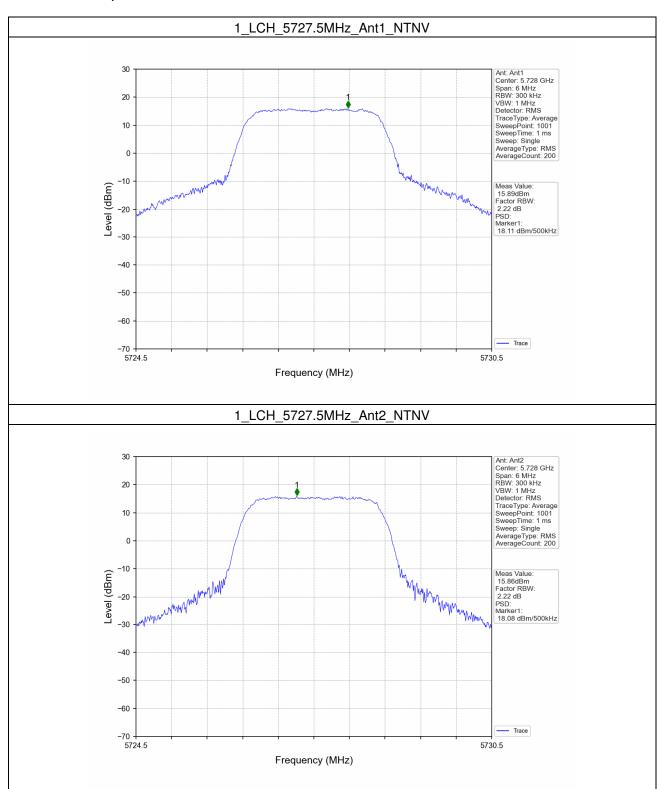
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4.1.2 Test Graph





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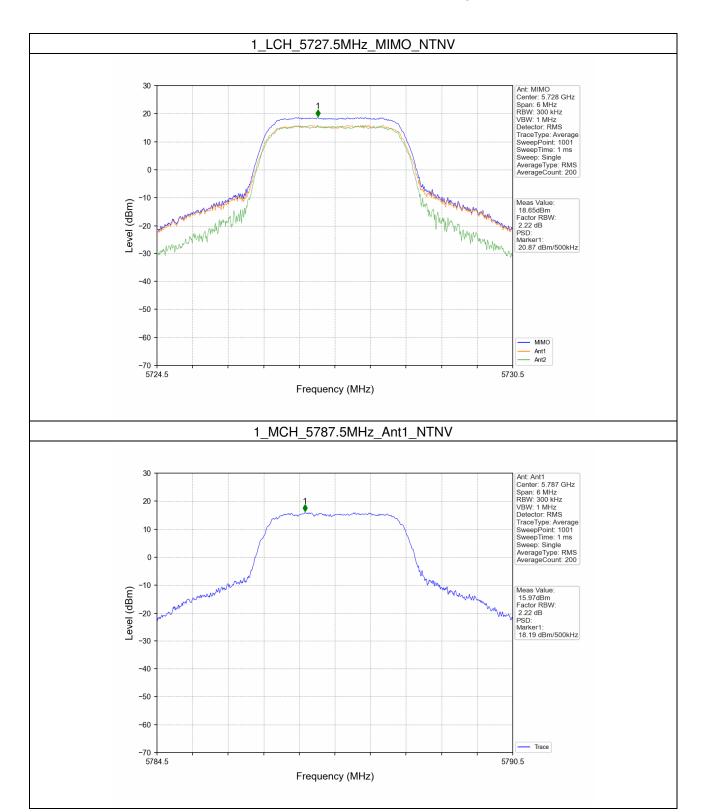
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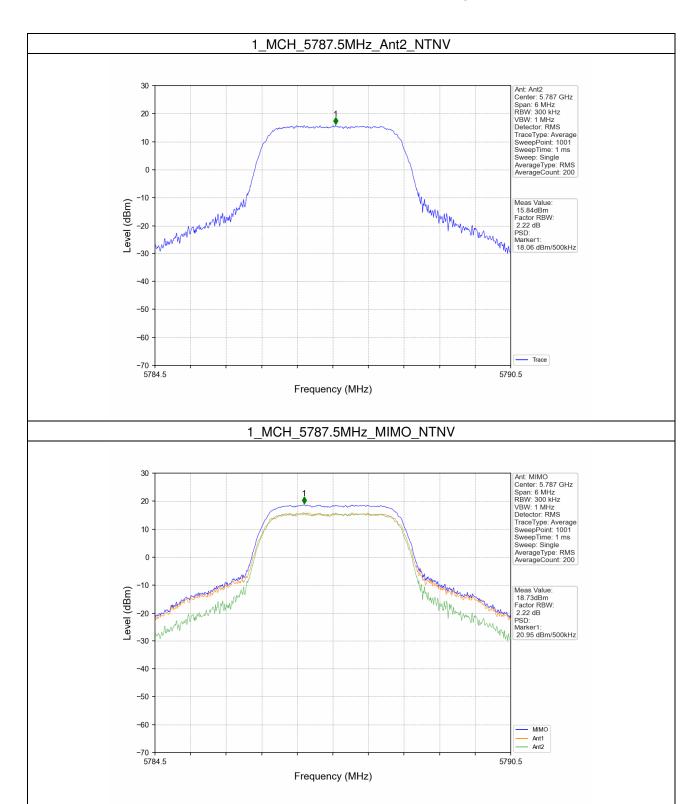
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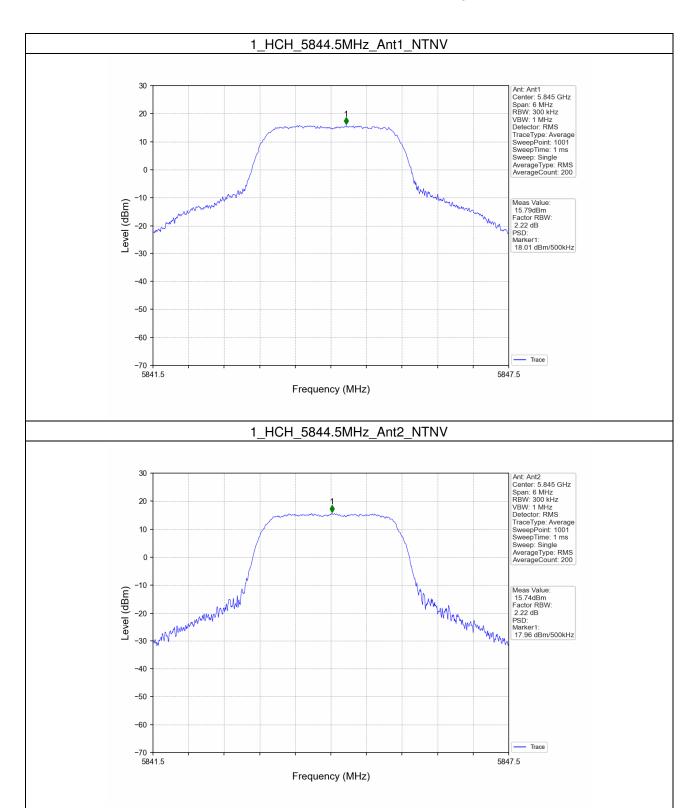
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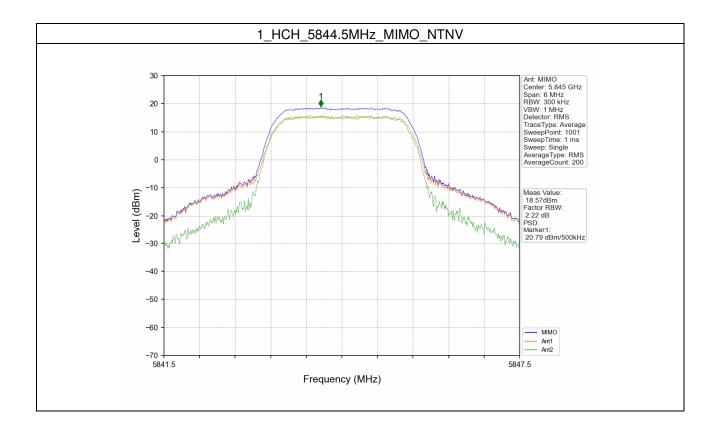
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MIMO Mode, 3MHz CA BW

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 (%)
		MIMO	5730.2	100.00	100.00	100.00	0.00	0.00
	1		5790.2	100.00	100.00	100.00	0.00	0.00
			5847.2	100.00	100.00	100.00	0.00	0.00

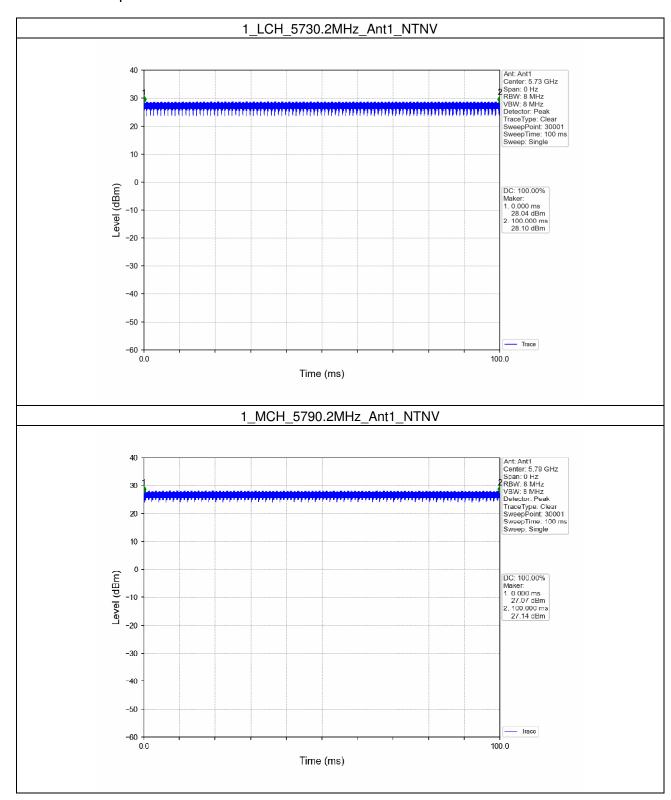




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1.1.2 Test Graph





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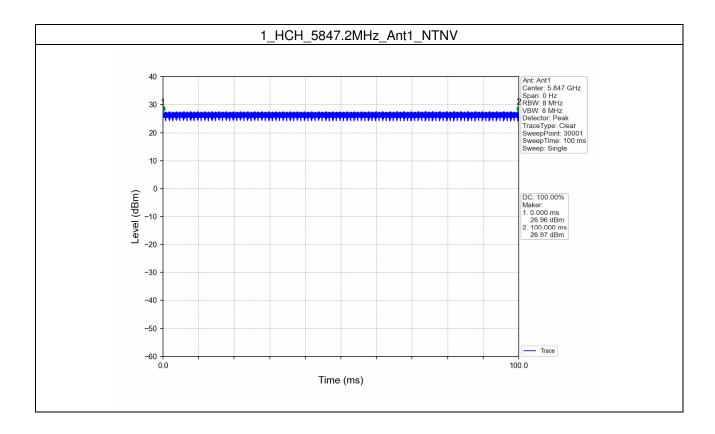
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

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



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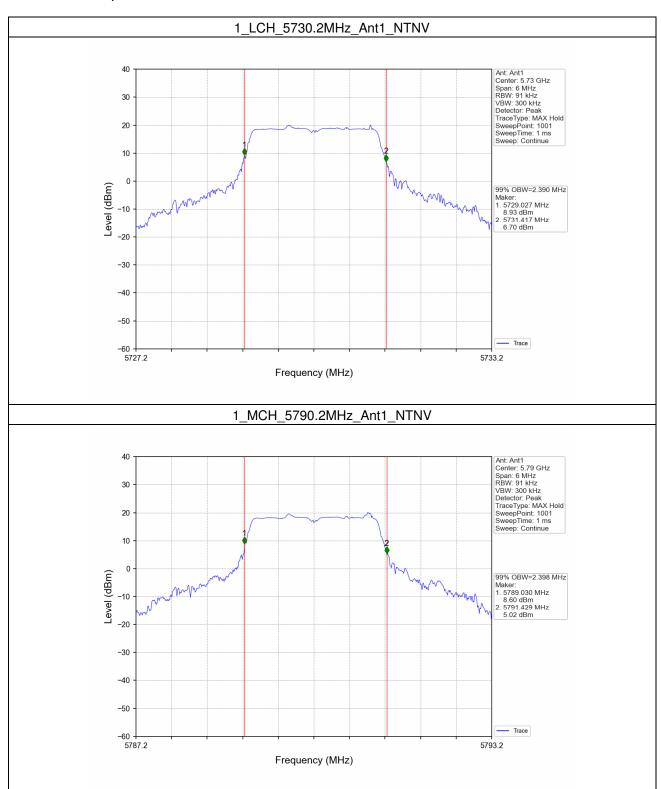
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2.1.2 Test Graph





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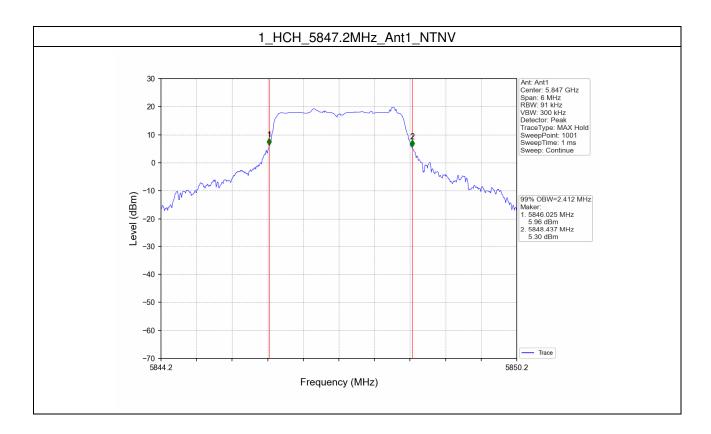
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2.2 6dB BW

2.2.1 Test Result

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

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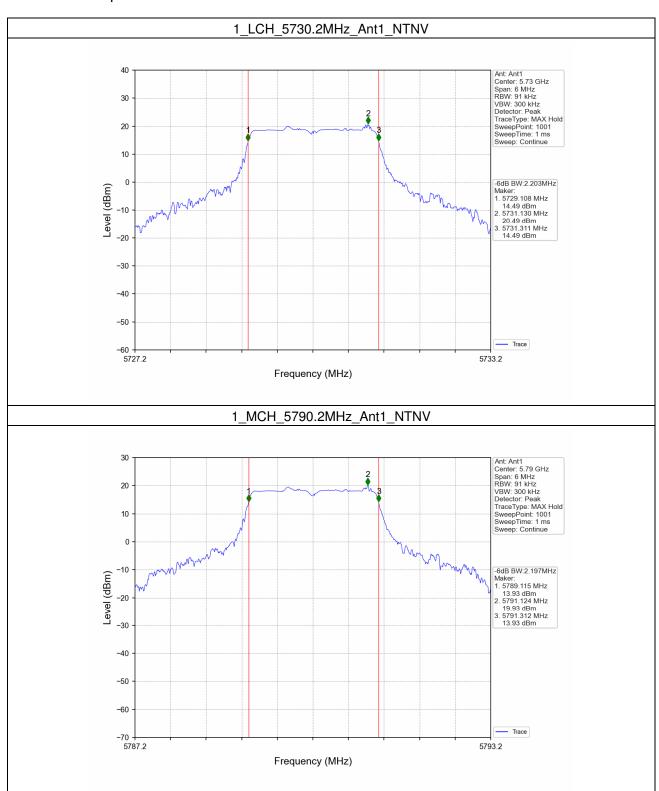
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2.2.2 Test Graph





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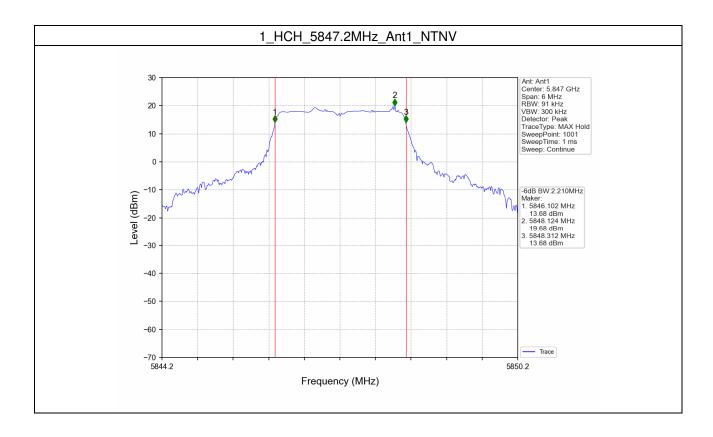
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

	Mode	TX Type	Frequency (MHz)	Measured A	Limit (dBm)	Verdict		
	Mode			Ant1	Ant2	Sum	Littill (dBitt)	verdict
		МІМО	5730.2	23.45	22.94	26.21	<=29.24	Pass
	1		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= $10log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$



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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mada	TX	Frequency (MHz)	Maxim	um PSD (dBm/5	00kHz)	Limit	Verdict
Mode	Туре		Ant1	Ant2	Sum	(dBm/500kHz)	verdict
		5730.2	18.58	17.95	21.14	<=29.24	Pass
1	MIMO	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= $10\log [(10^{G1/20} + 10^{G2/20})^2/N_{ANT}] = 10\log [(10^{3.50/20} + 10^{4.00/20})^2/2] = 6.76dBi$.



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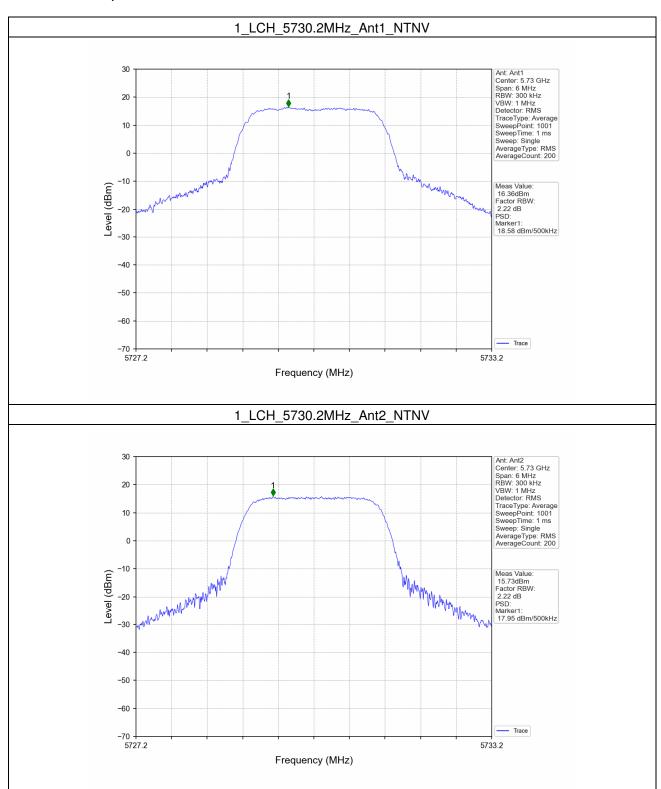
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4.1.2 Test Graph





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