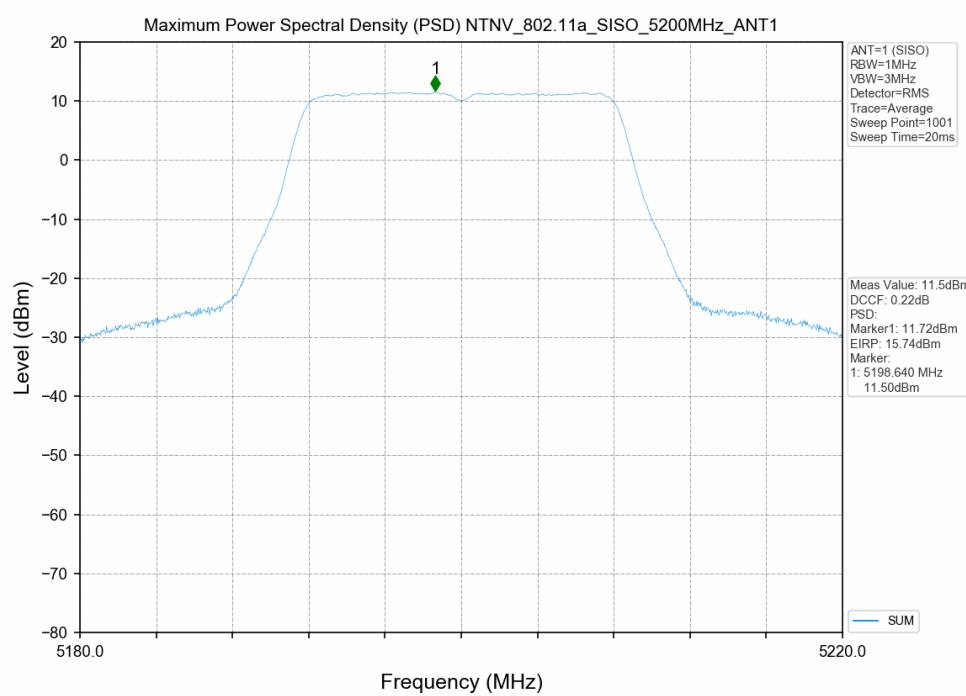
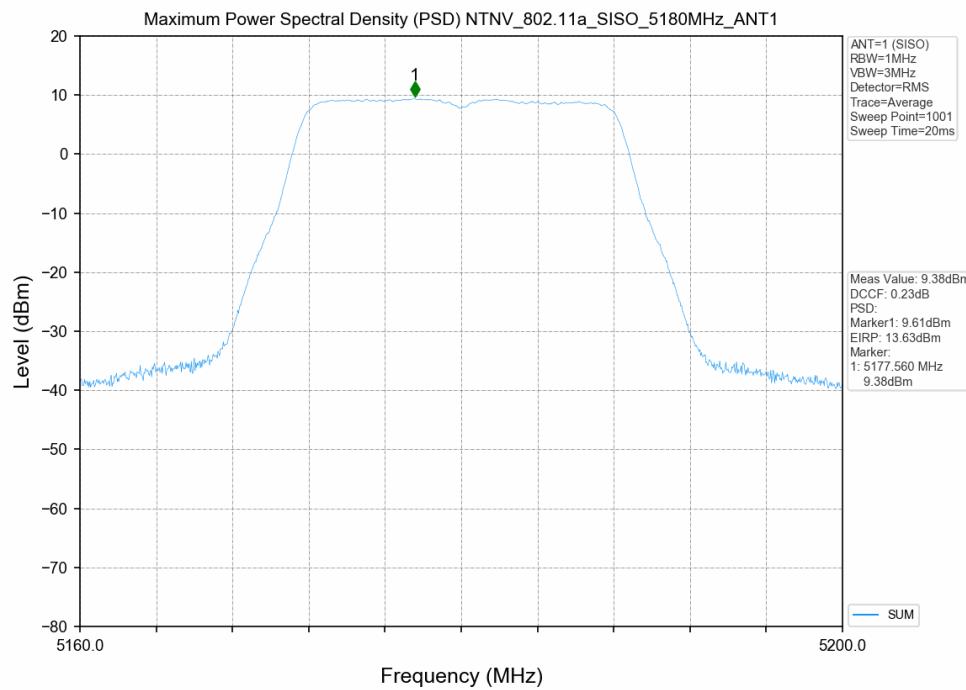
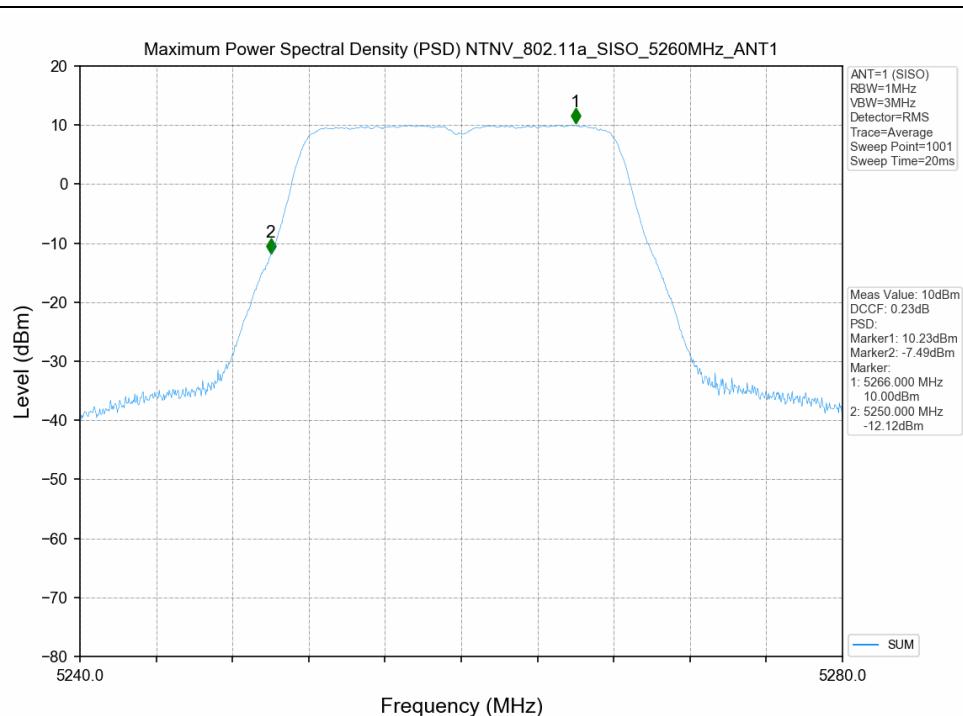
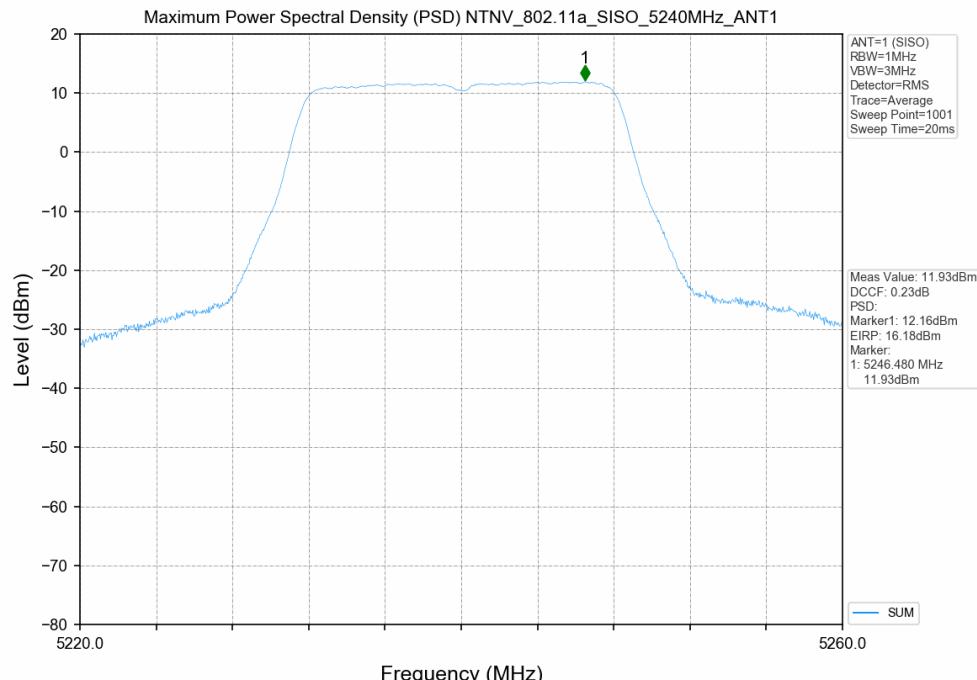


**4.2 Test Graph**

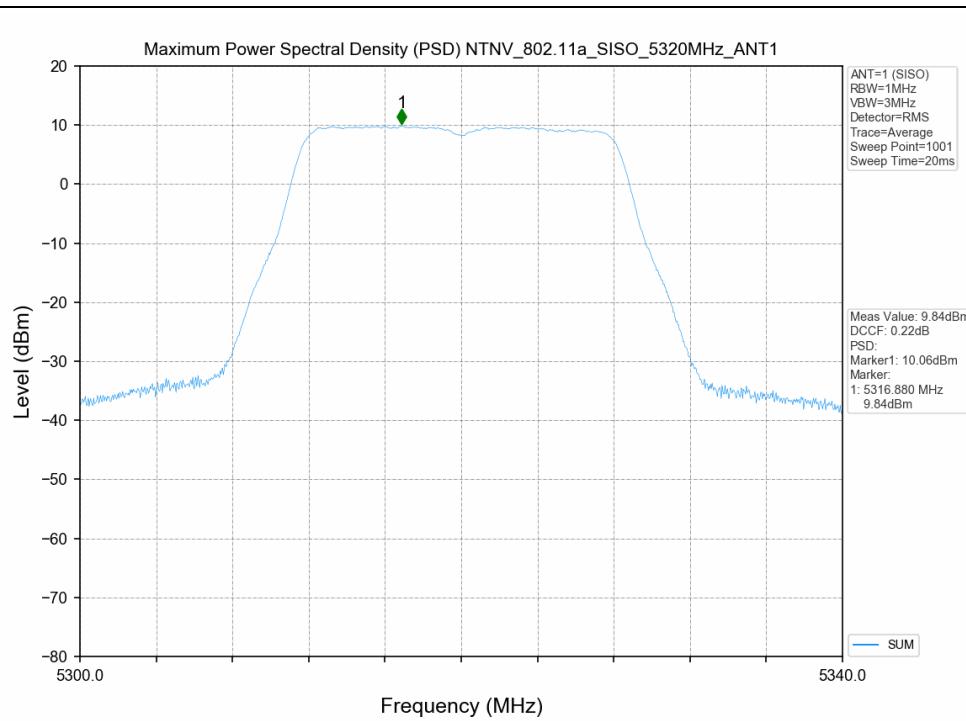
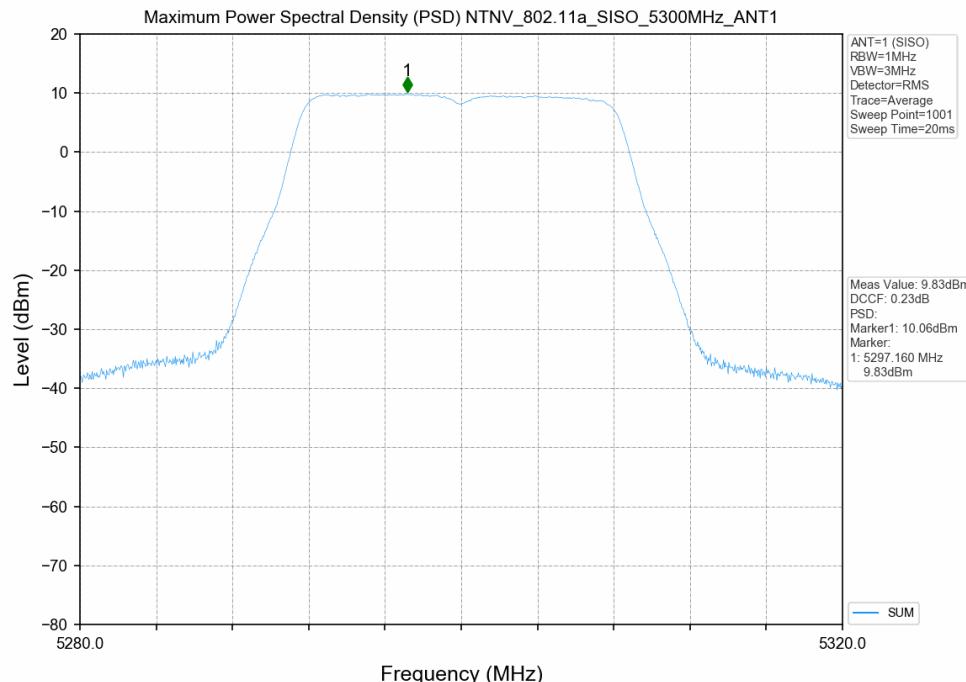
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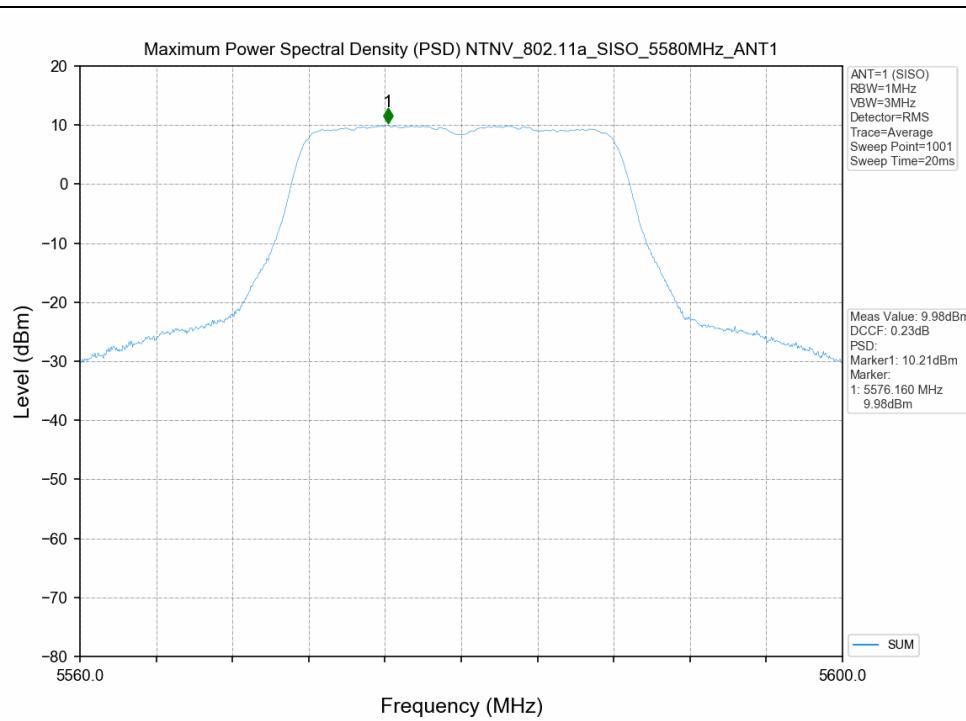
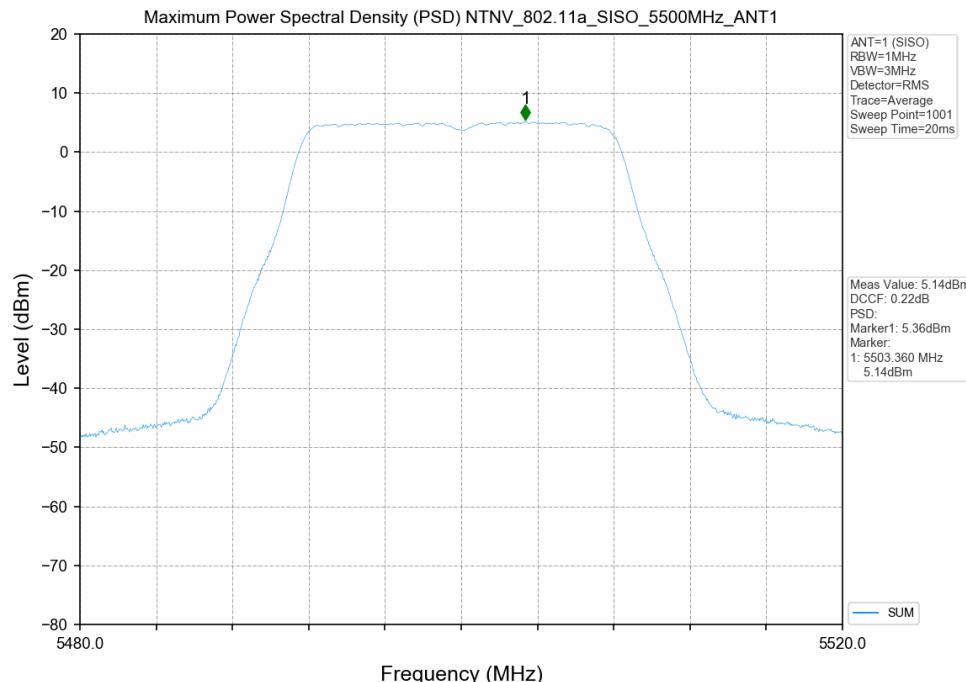
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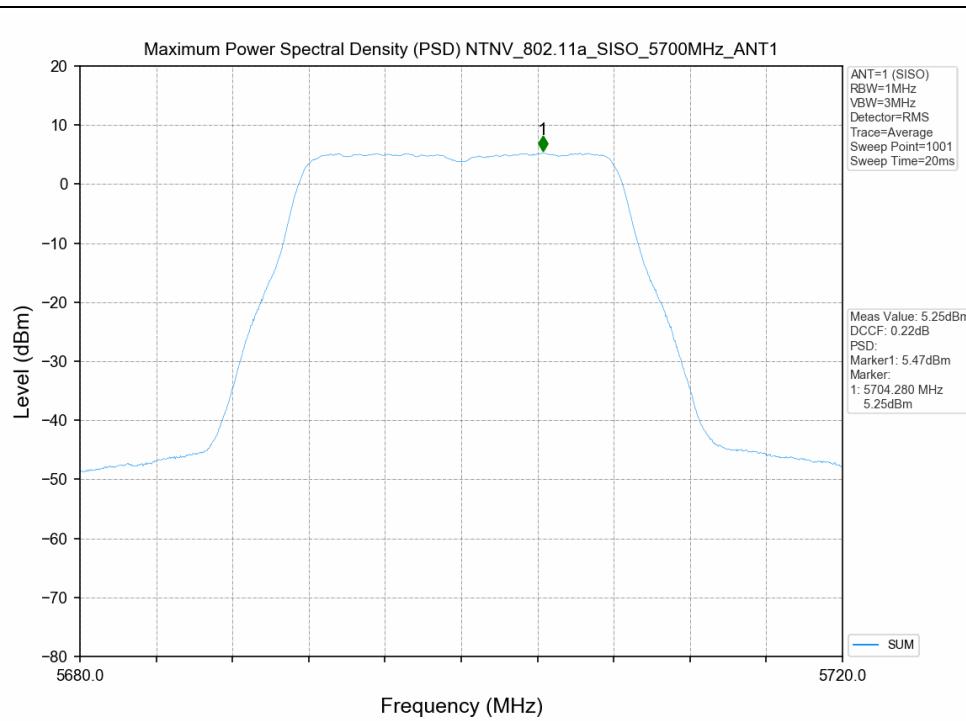
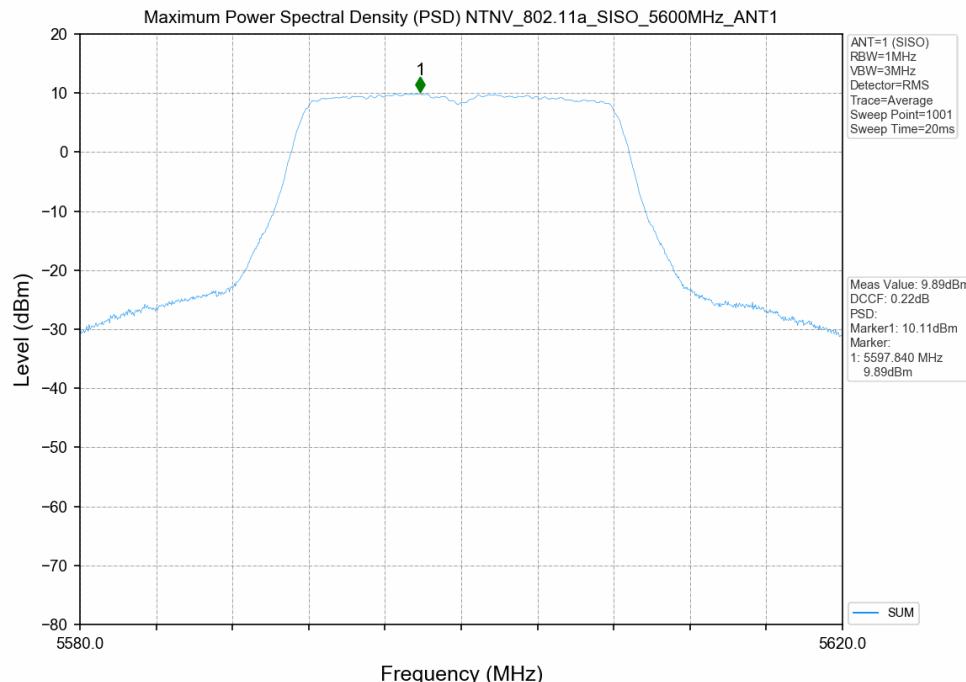
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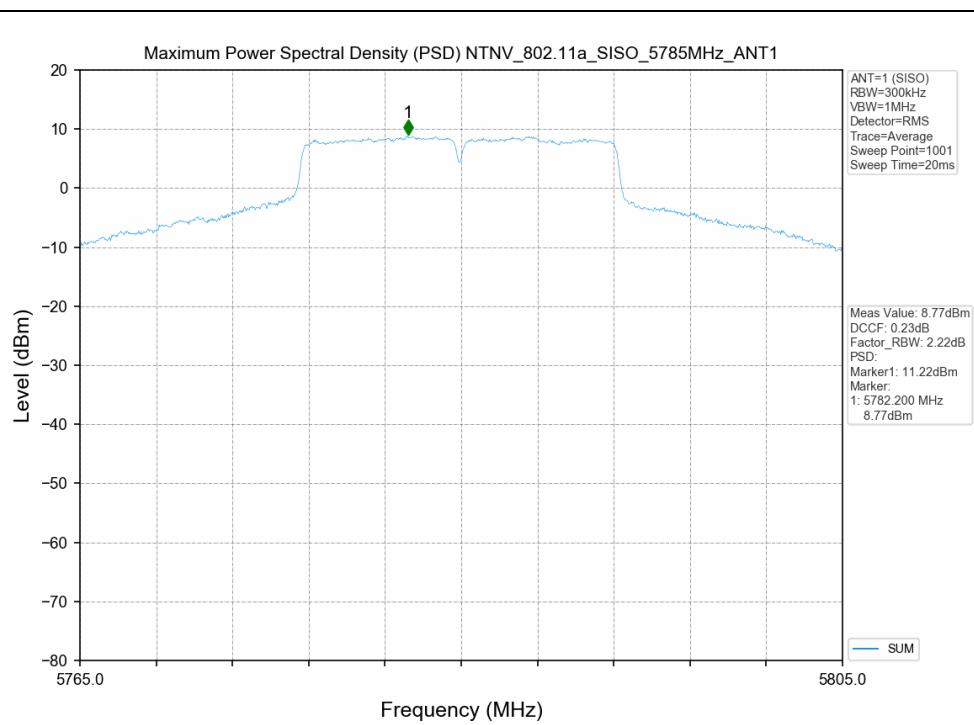
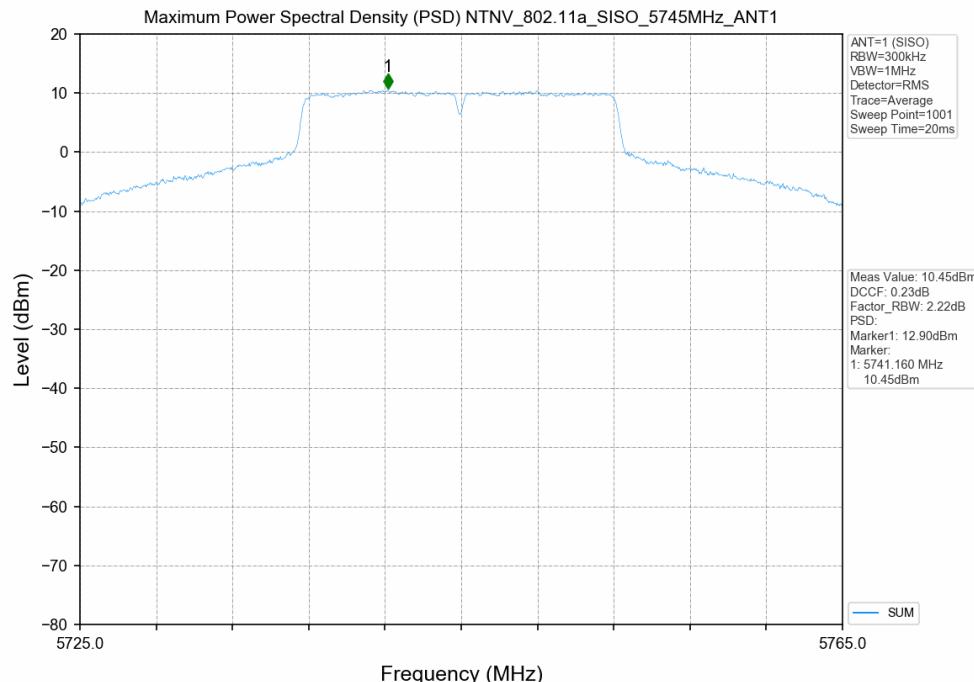
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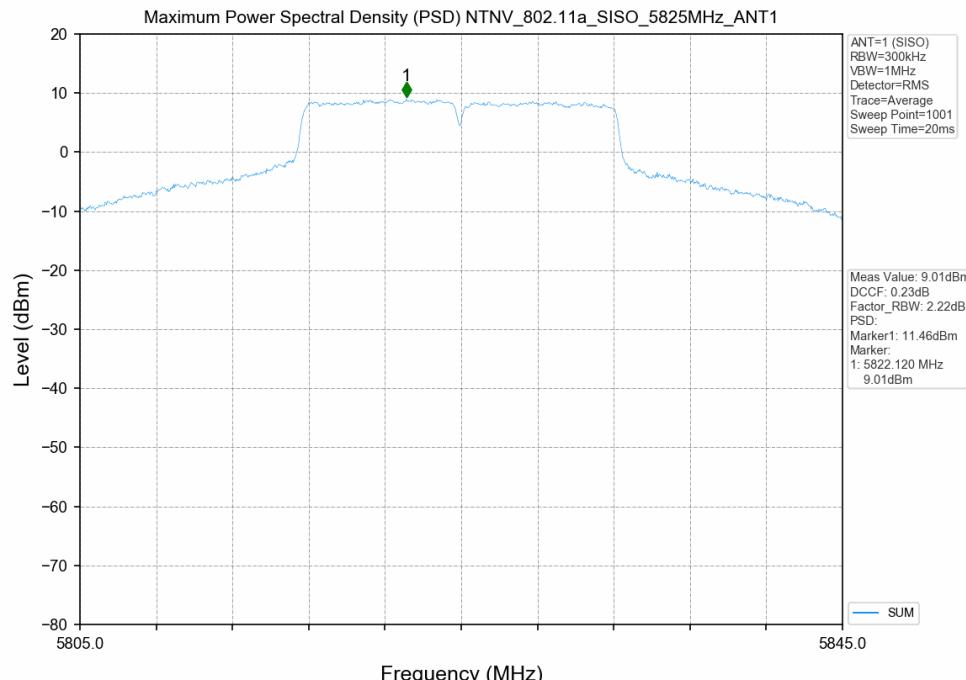
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## 5. Frequency Stability

### 5.1 Test Result

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTVN	802.11a	5180	1	-3.86	<=20	PASS
		5200	1	-7.69	<=20	PASS
		5240	1	-3.82	<=20	PASS
		5260	1	-3.8	<=20	PASS
		5300	1	-7.55	<=20	PASS
		5320	1	-11.28	<=20	PASS
		5500	1	-3.64	<=20	PASS
		5580	1	-3.58	<=20	PASS
		5600	1	-3.57	<=20	PASS
		5700	1	-3.51	<=20	PASS
		5745	1	-3.48	<=20	PASS
		5785	1	-3.46	<=20	PASS
		5825	1	-6.87	<=20	PASS

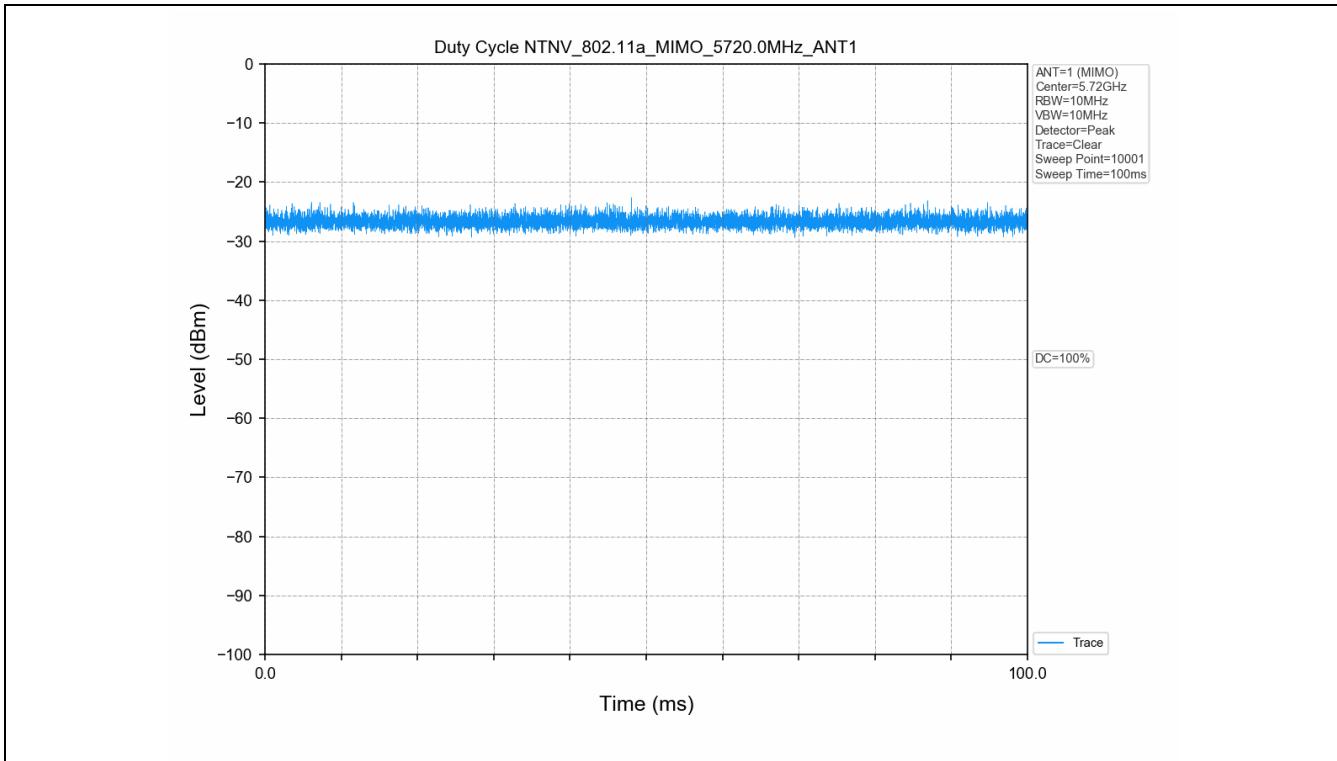
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**10.4 STRADDLE CHANNEL 144 RESULTS****1. Duty Cycle****1.1 Test Result**

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11a	5720.0	MIMO	1	100.000	100.000	100.00	0.00
802.11n(HT20)	5720.0	MIMO	1	1.928	2.028	95.07	0.22
802.11ac(VHT20)	5720.0	MIMO	1	1.928	2.029	95.02	0.22
802.11ax(HEV20)	5720.0	MIMO	1	1.493	1.527	97.77	0.10

**1.2 Test Graph**

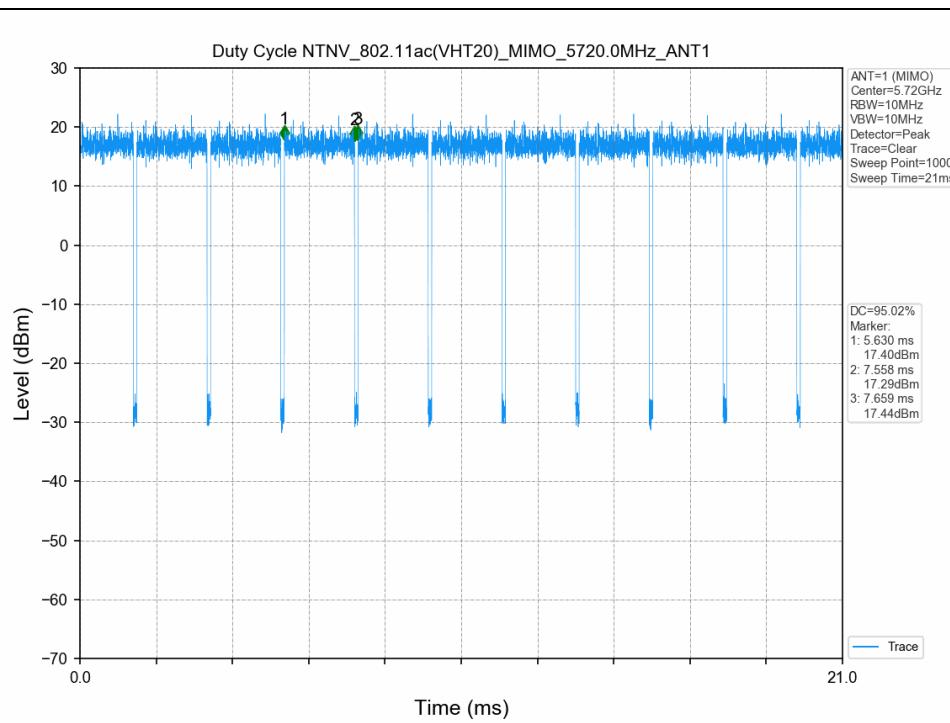
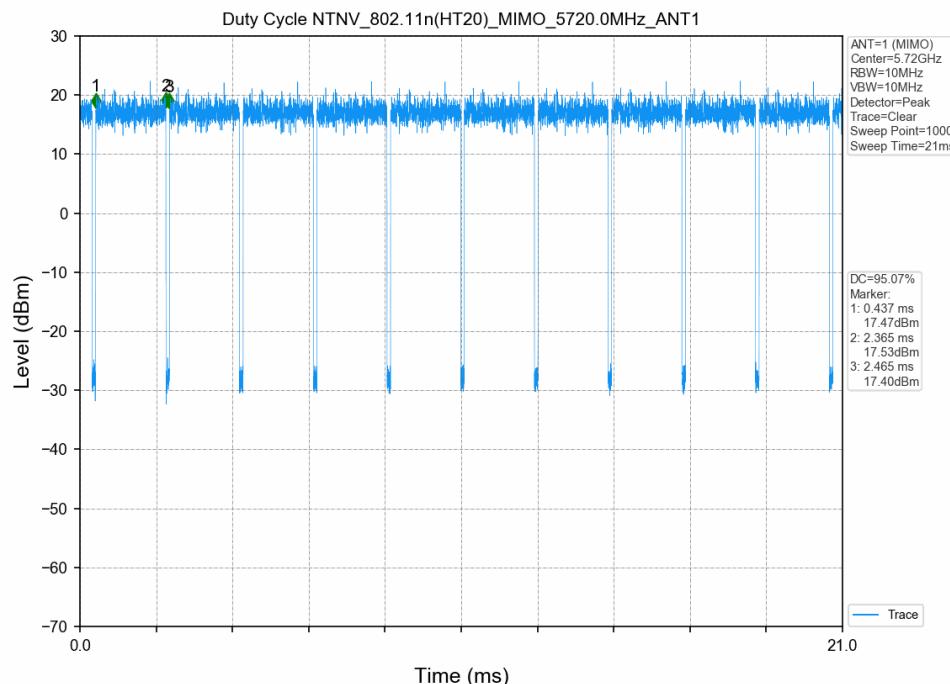
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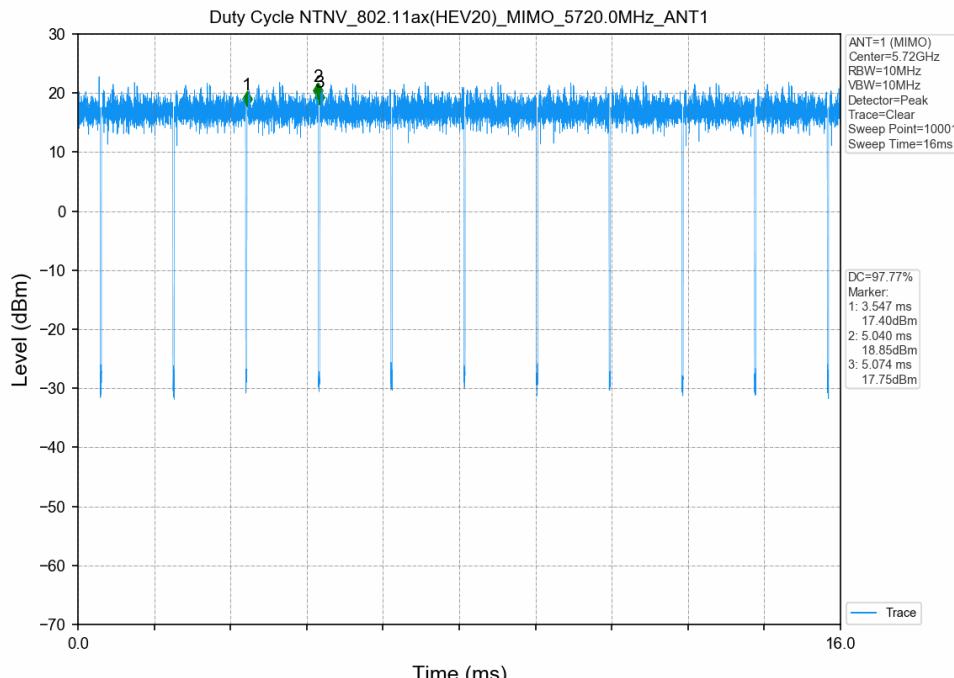
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## 2. Bandwidth

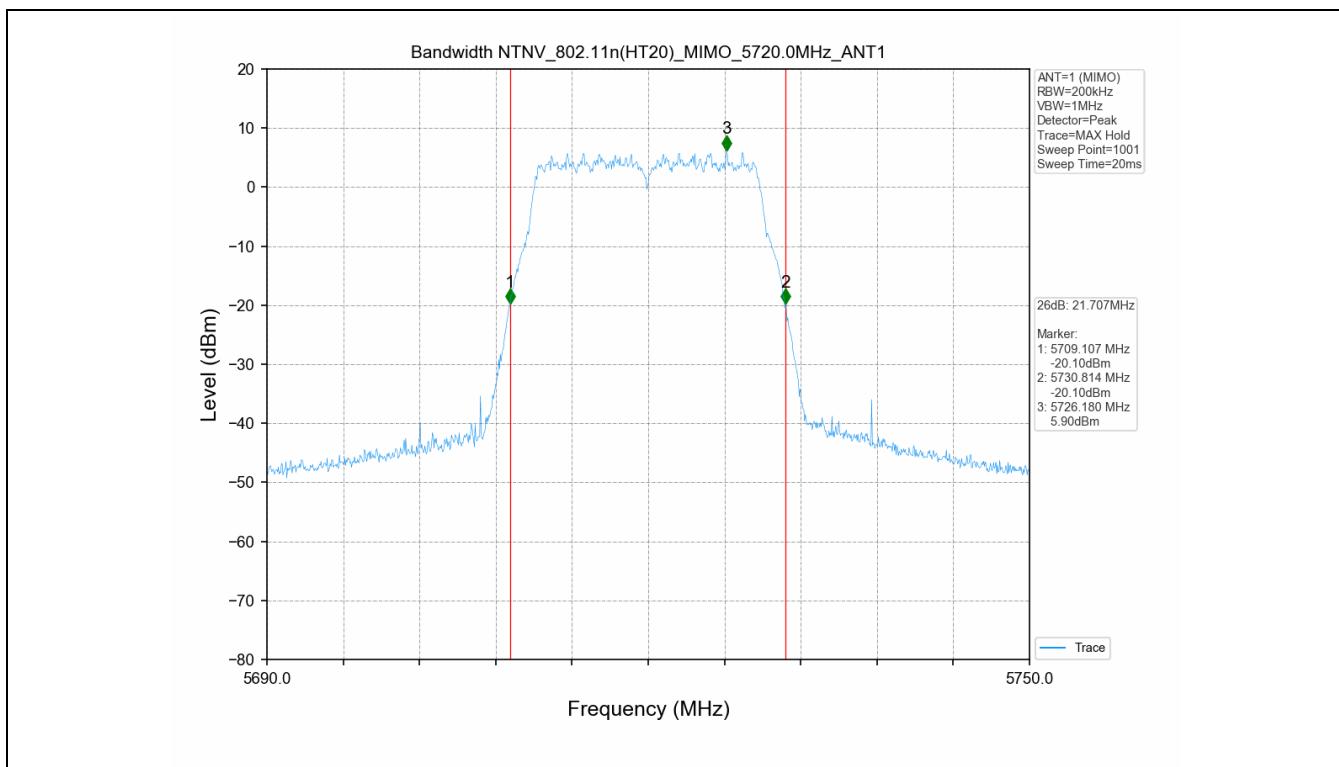
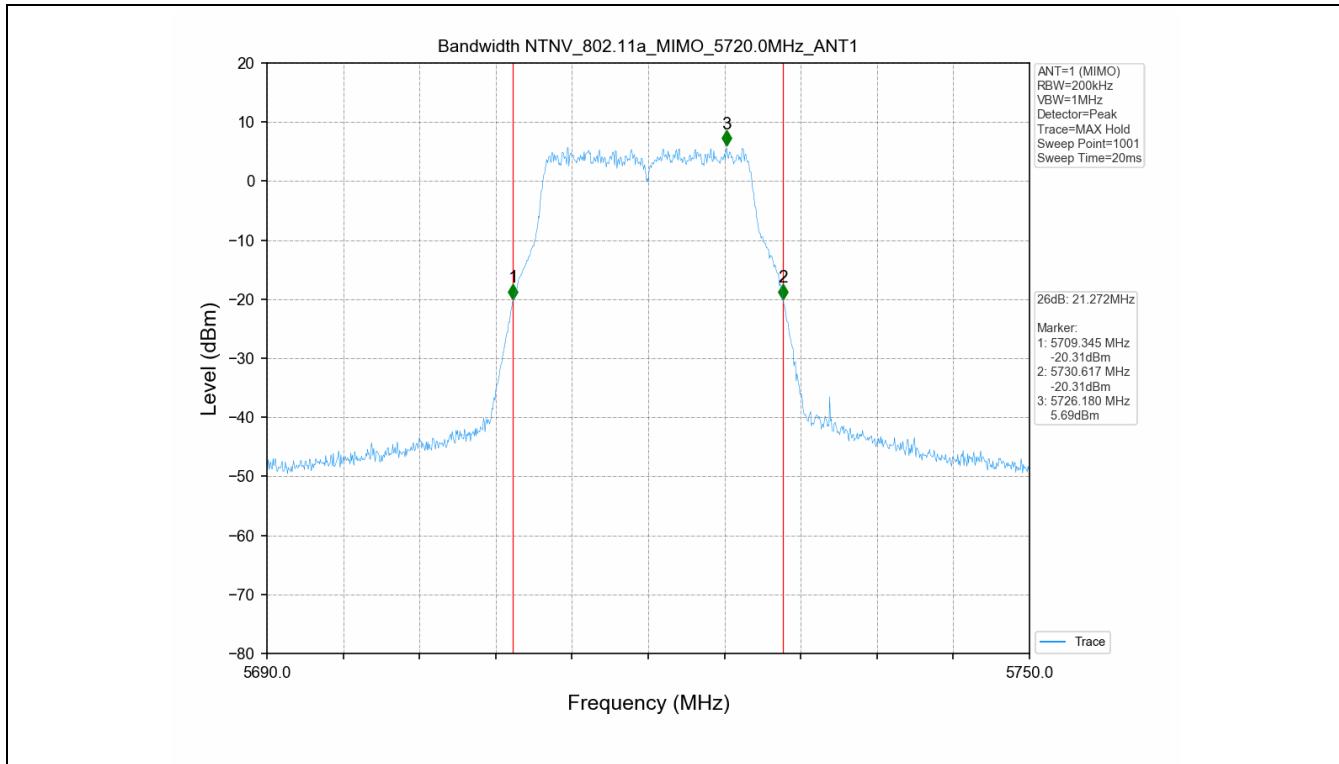
## 2.1 Test Result

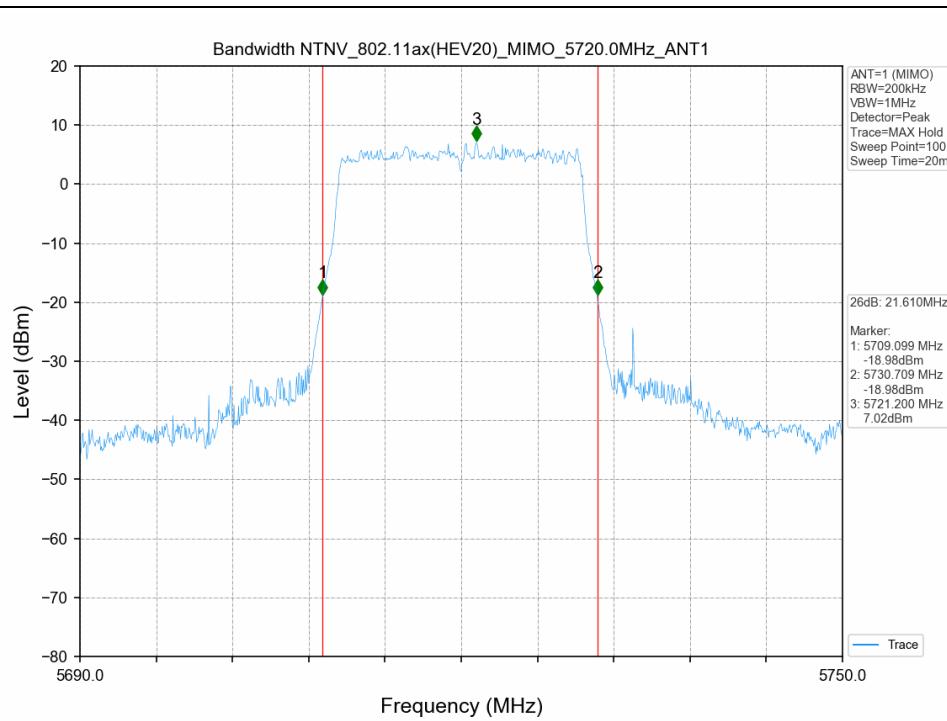
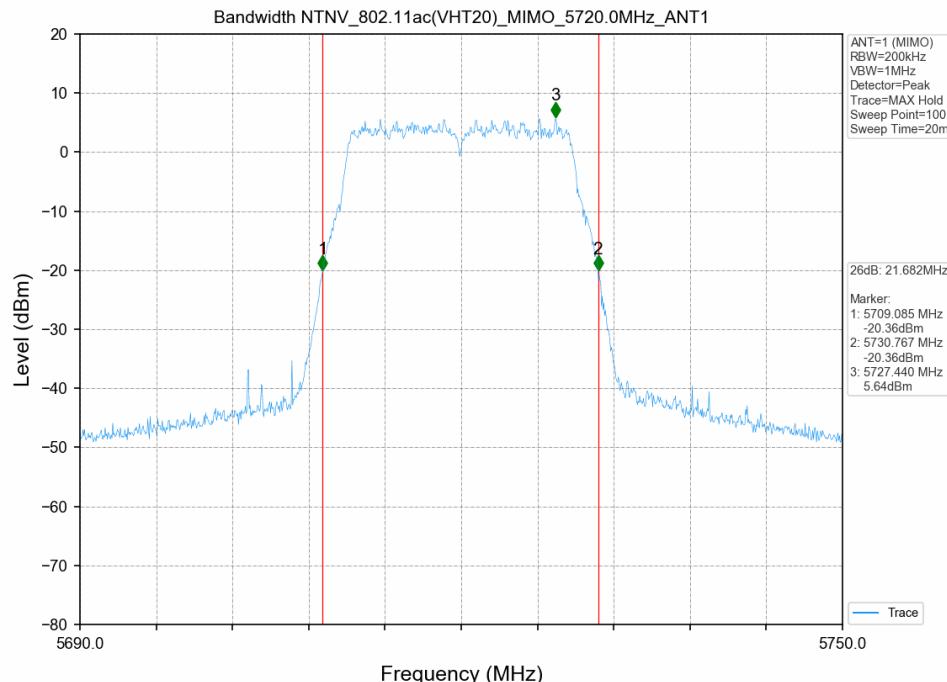
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11a	5720.0	MIMO	1	21.272	Only for Report Use	PASS
802.11n(HT20)	5720.0	MIMO	1	21.707	Only for Report Use	PASS
802.11ac(VHT20)	5720.0	MIMO	1	21.682	Only for Report Use	PASS
802.11ax(HEV20)	5720.0	MIMO	1	21.610	Only for Report Use	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11a	5720.0	MIMO	1	18.621	Only for Report Use
802.11n(HT20)	5720.0	MIMO	1	19.669	Only for Report Use
802.11ac(VHT20)	5720.0	MIMO	1	19.660	Only for Report Use
802.11ax(HEV20)	5720.0	MIMO	1	19.791	Only for Report Use

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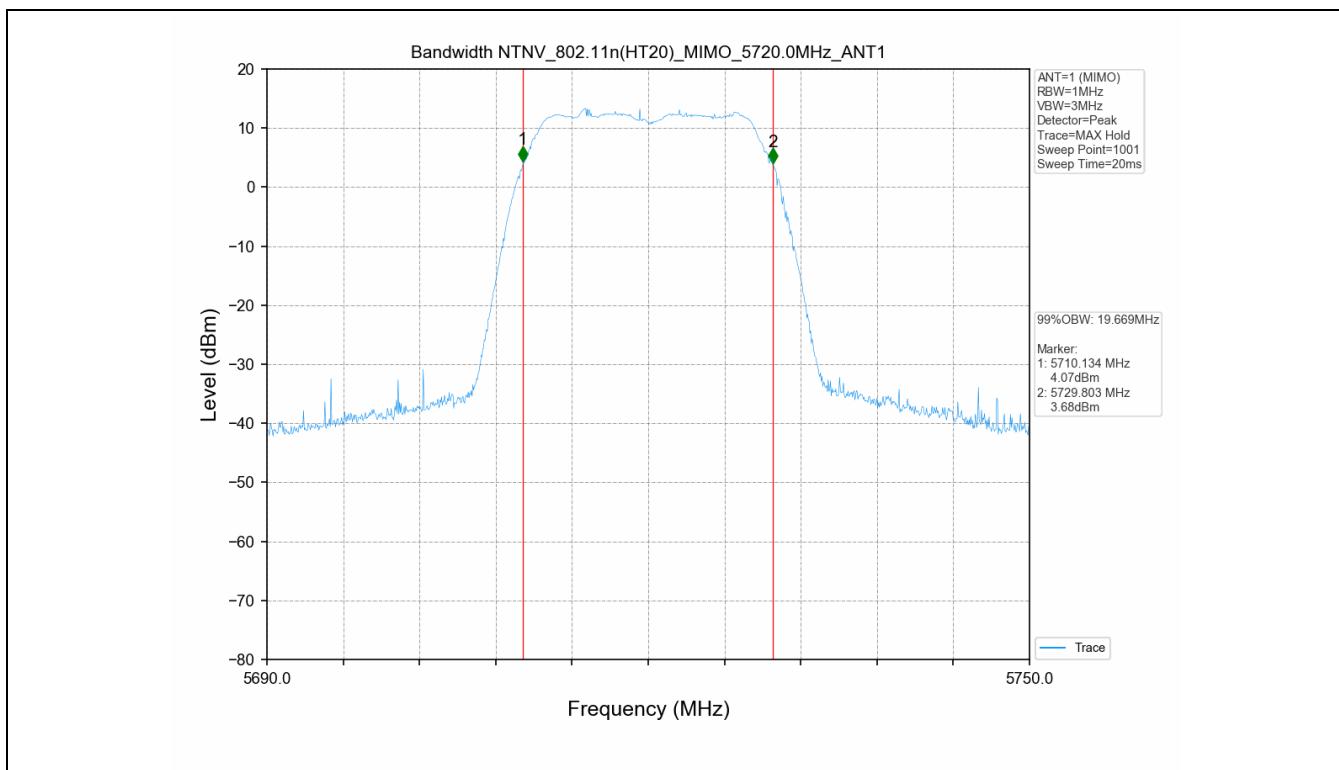
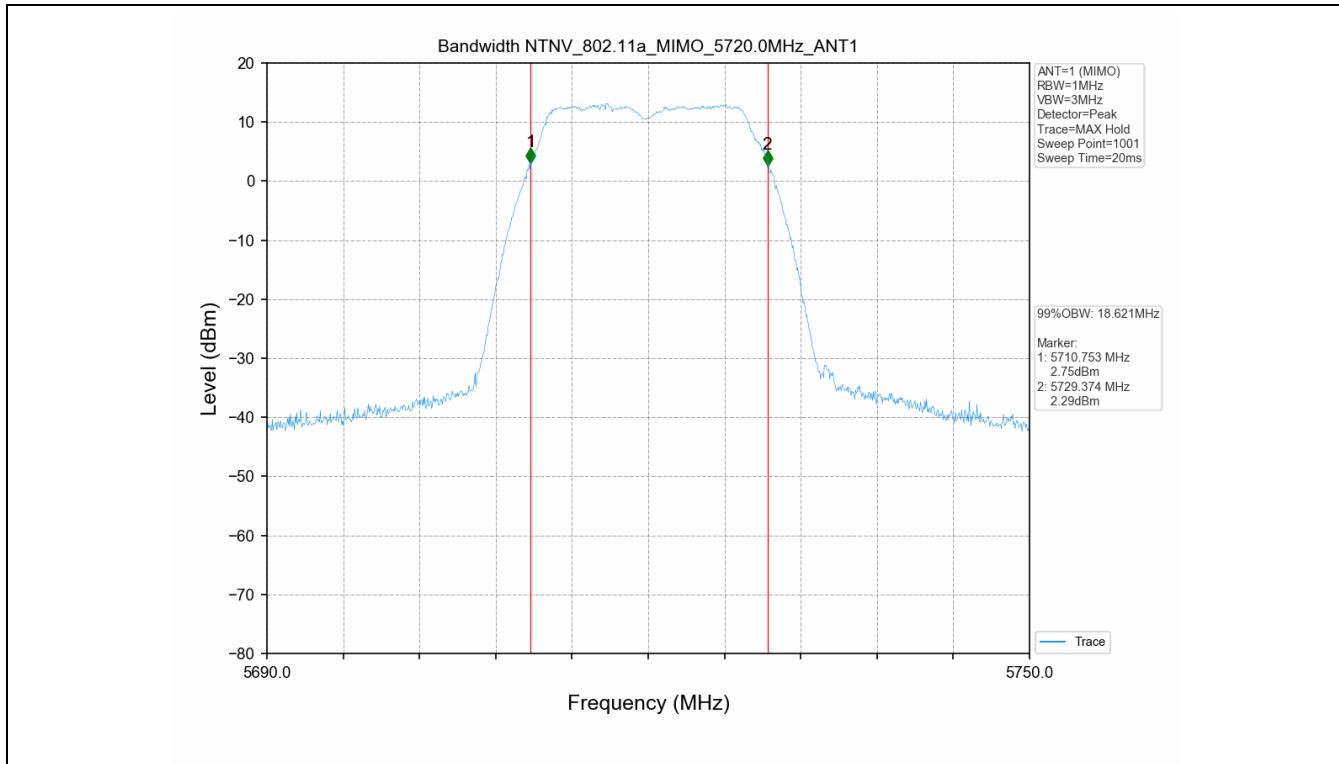


**2.2 Test Graph - Emission Bandwidth**



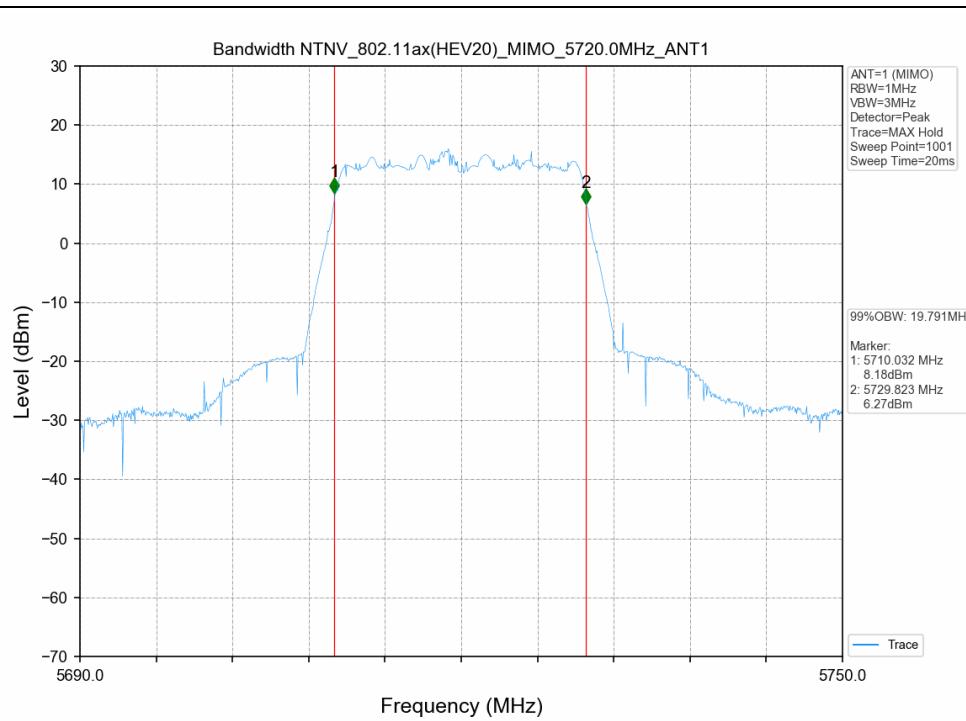
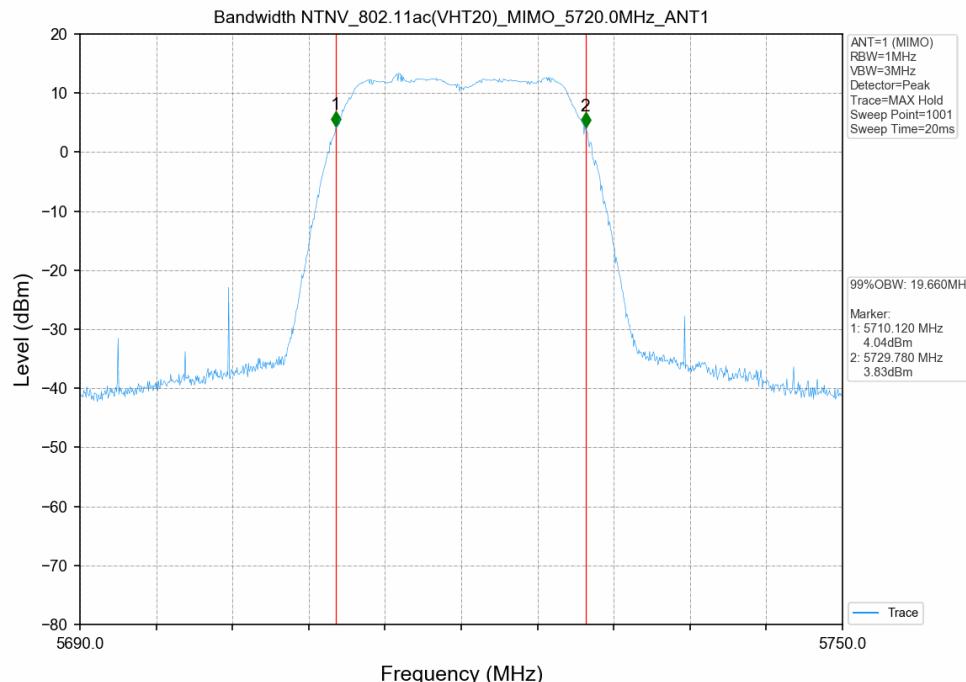
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**2.3 Test Graph - 99% Occupied Bandwidth**

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**3. Maximum Conducted Output Power****3.1 Test Result****Band2C:**

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)					Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
802.11a	5720.0	MIMO	14.11	14.01	14.15	14.10	20.11	≤23.98	PASS
802.11n(HT20)	5720.0	MIMO	14.54	14.49	14.54	14.40	20.51	≤23.98	PASS
802.11ac(VHT20)	5720.0	MIMO	14.31	14.75	14.61	14.57	20.58	≤23.98	PASS
802.11ax(HEV20)	5720.0	MIMO	14.74	14.59	14.89	14.58	20.72	≤23.98	PASS

**Band3:**

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)					Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
802.11a	5720.0	MIMO	8.90	8.80	8.94	8.89	14.90	≤23.98	PASS
802.11n(HT20)	5720.0	MIMO	9.68	9.63	9.67	9.53	15.65	≤23.98	PASS
802.11ac(VHT20)	5720.0	MIMO	9.44	9.88	9.74	9.69	15.71	≤23.98	PASS
802.11ax(HEV20)	5720.0	MIMO	9.91	9.76	10.06	9.75	15.89	≤23.98	PASS

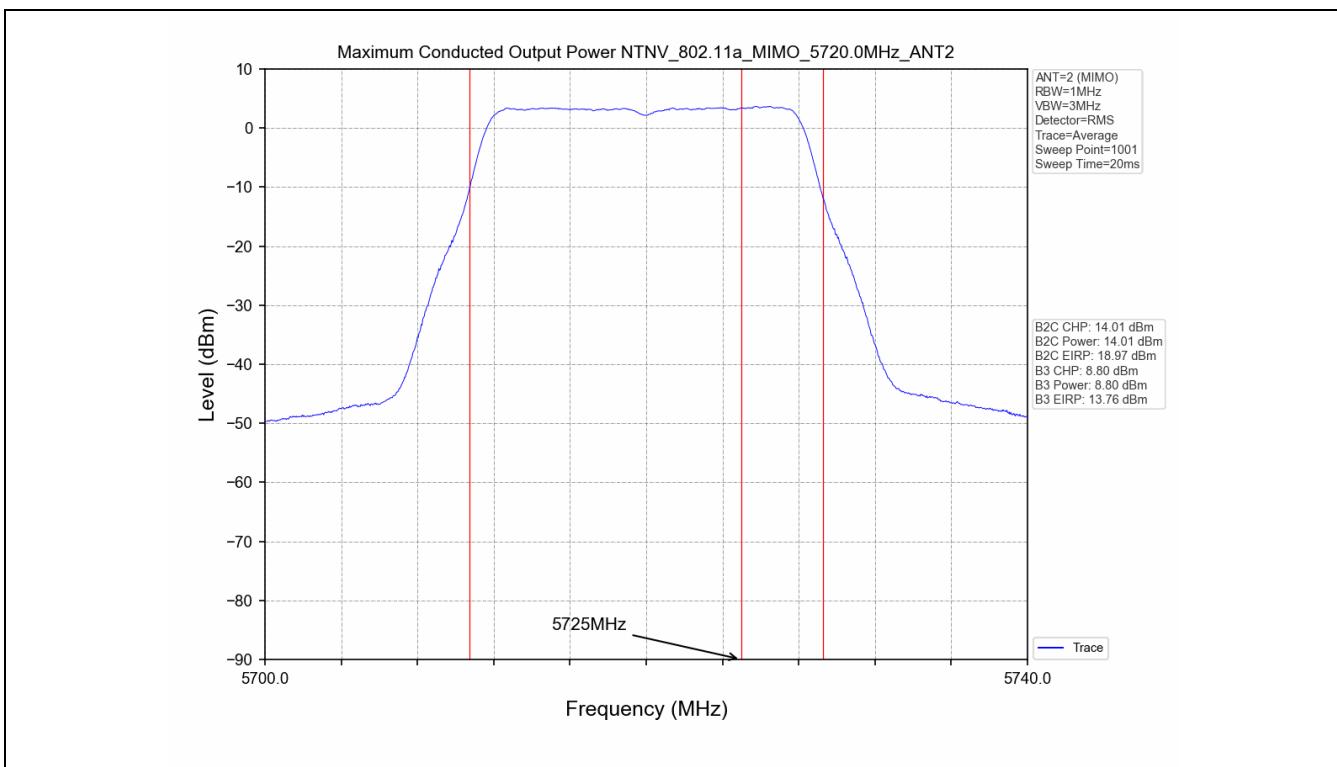
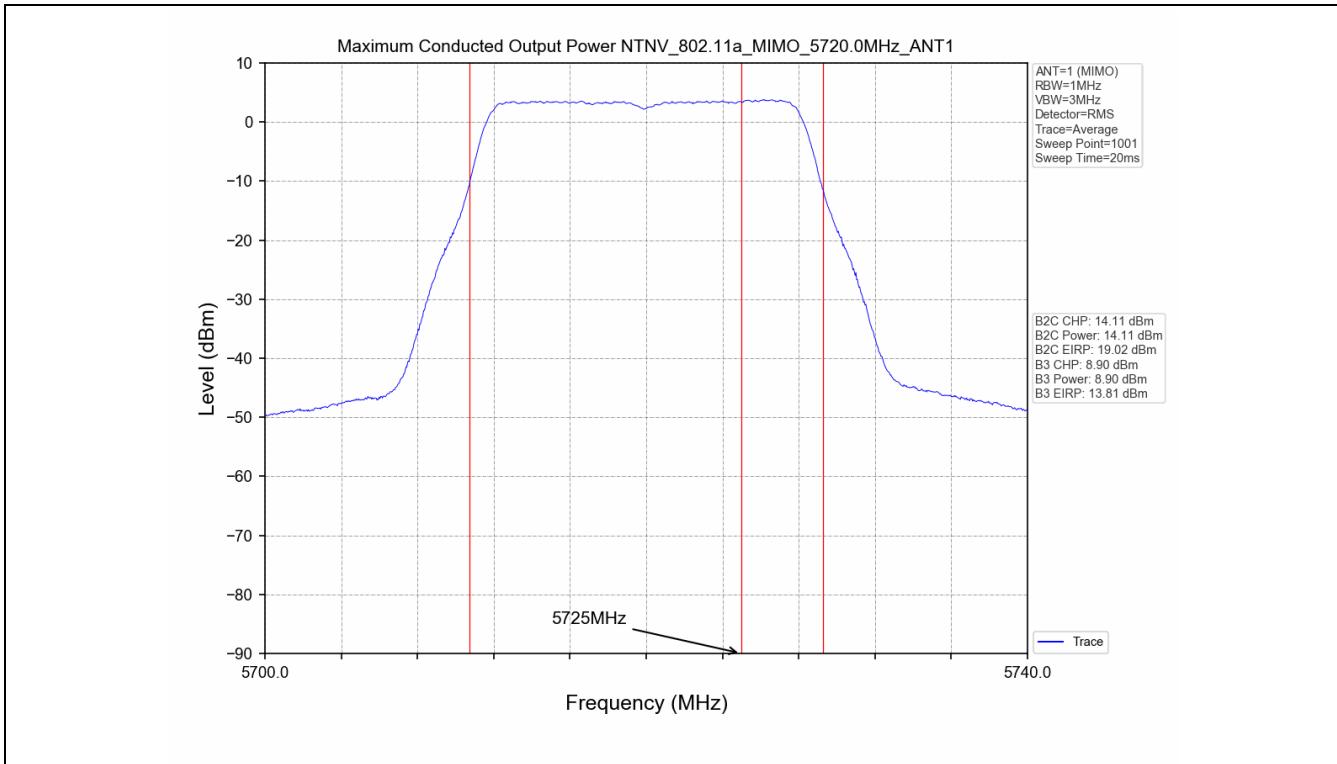
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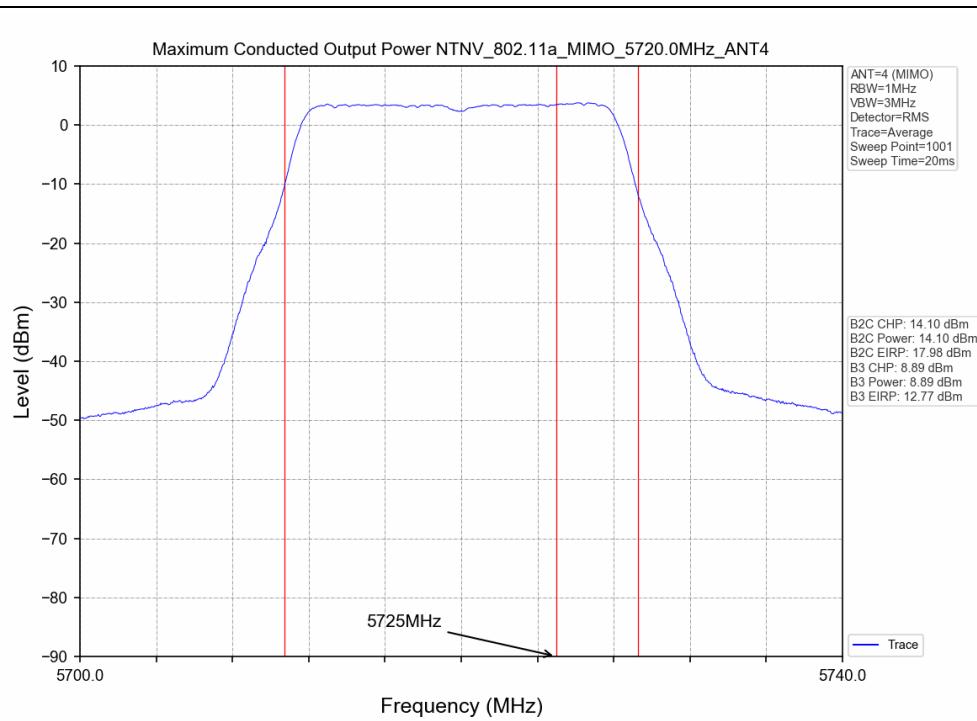
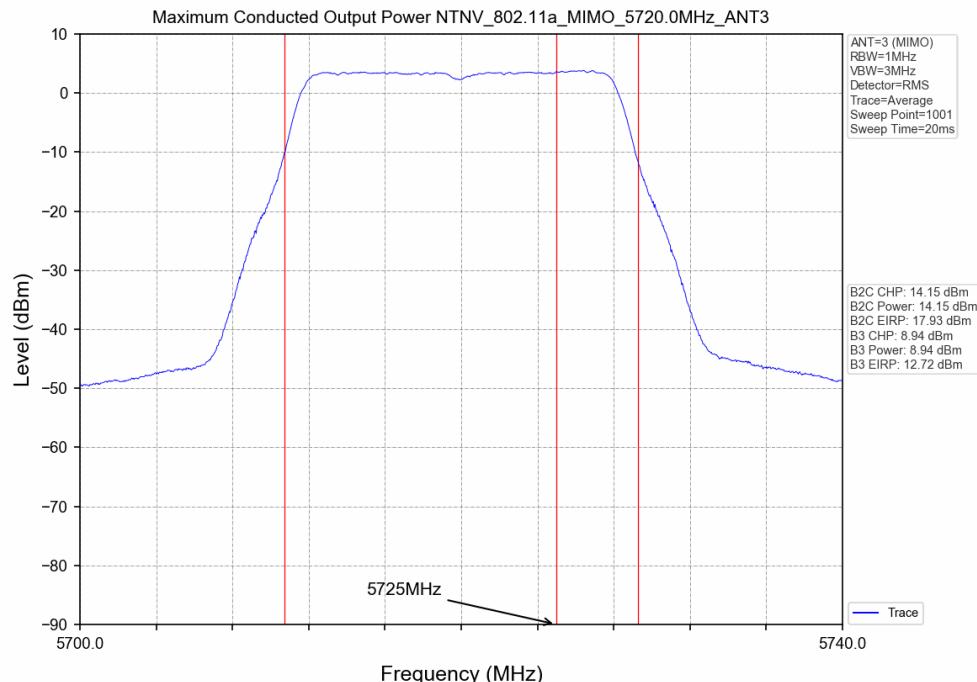
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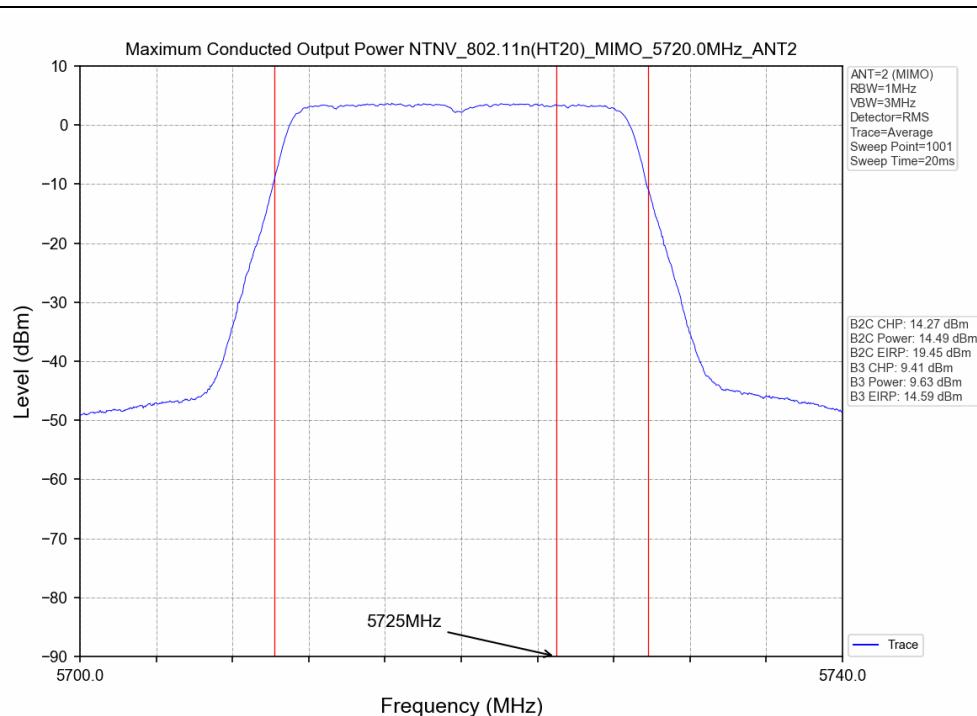
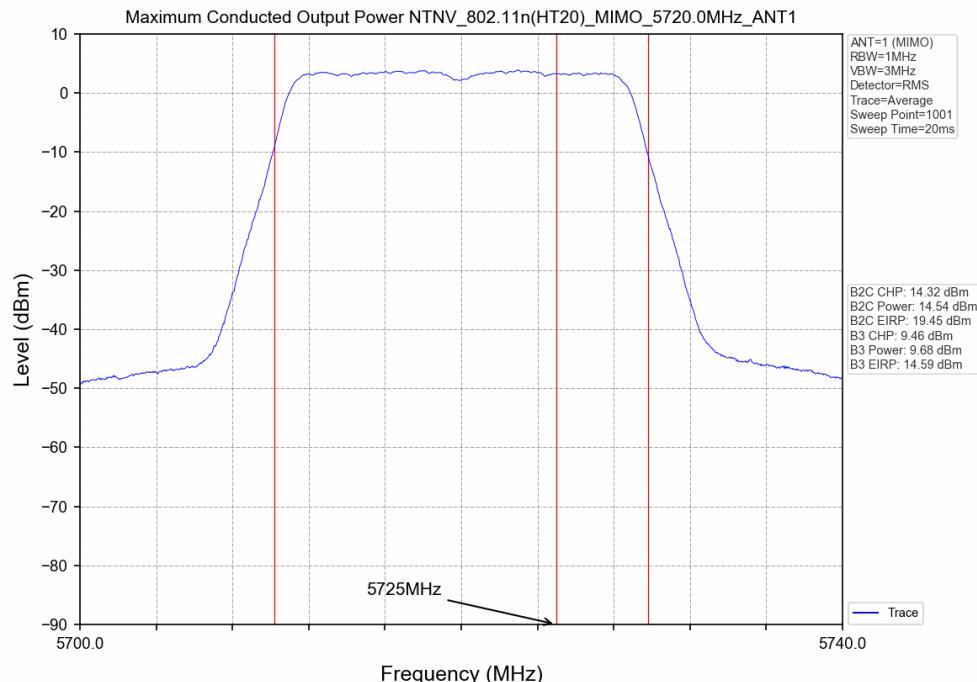
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**3.2 Test Graph**



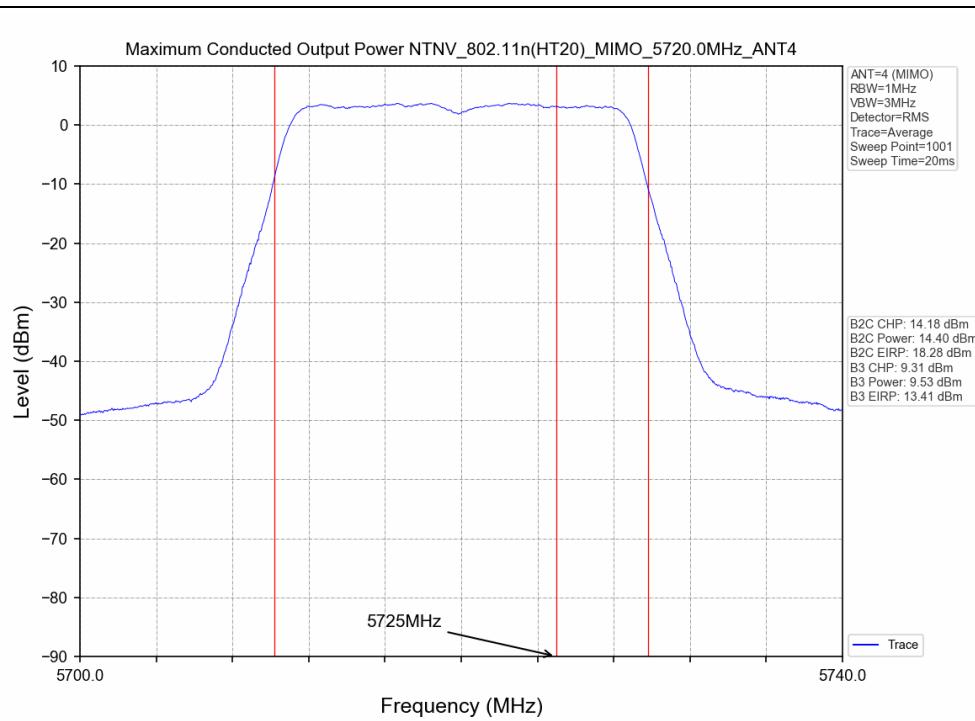
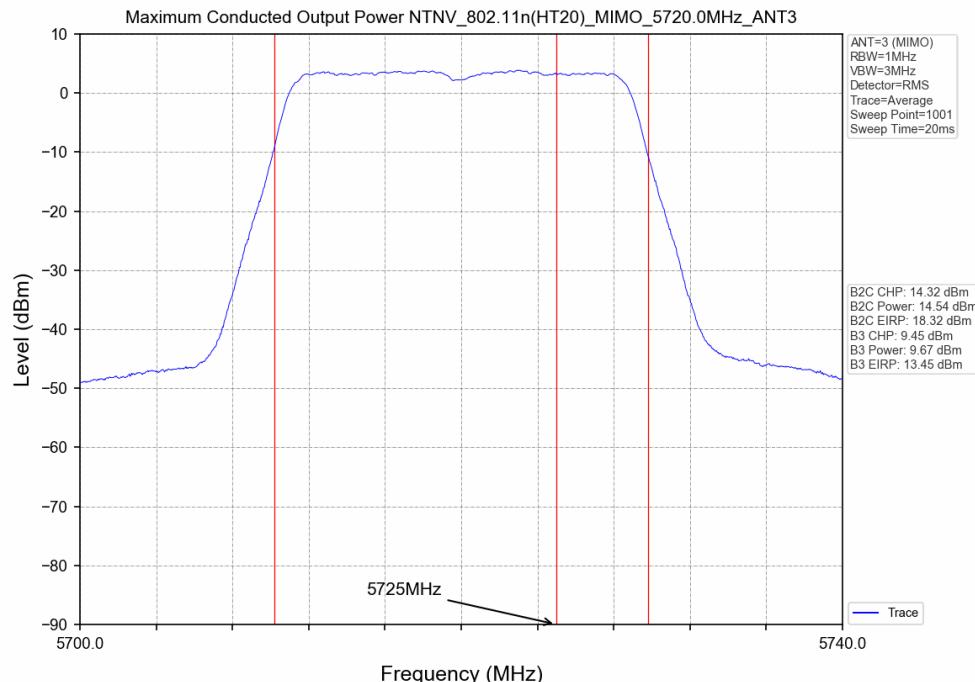
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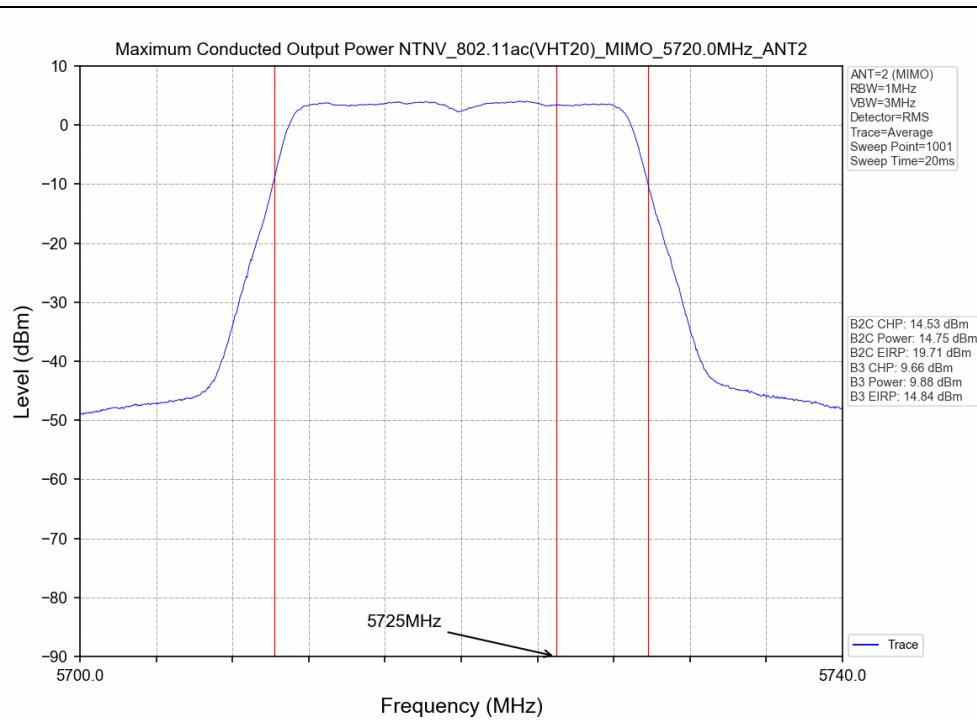
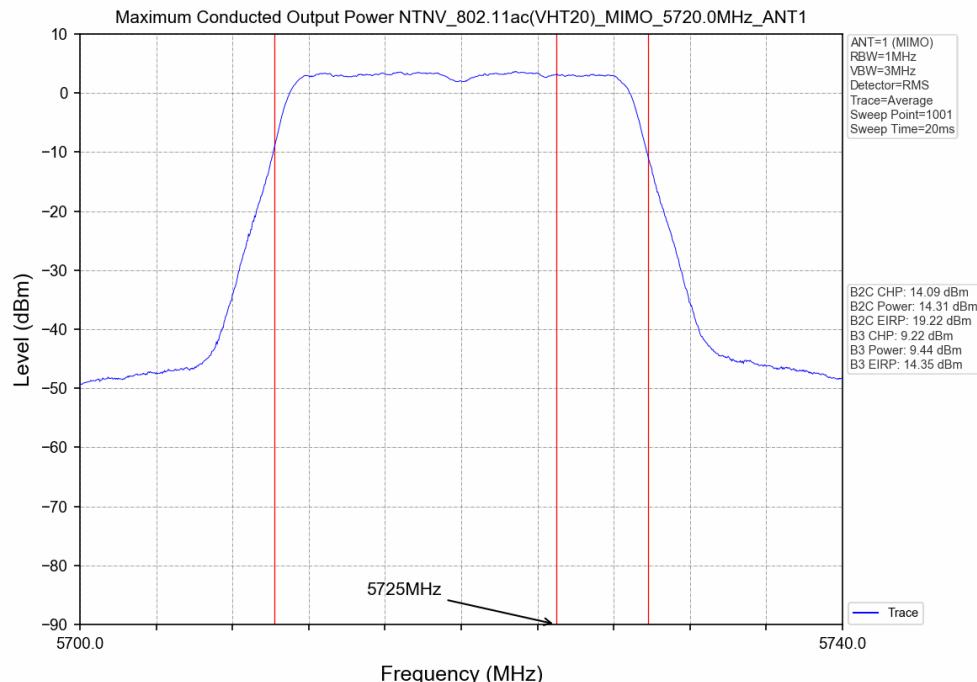
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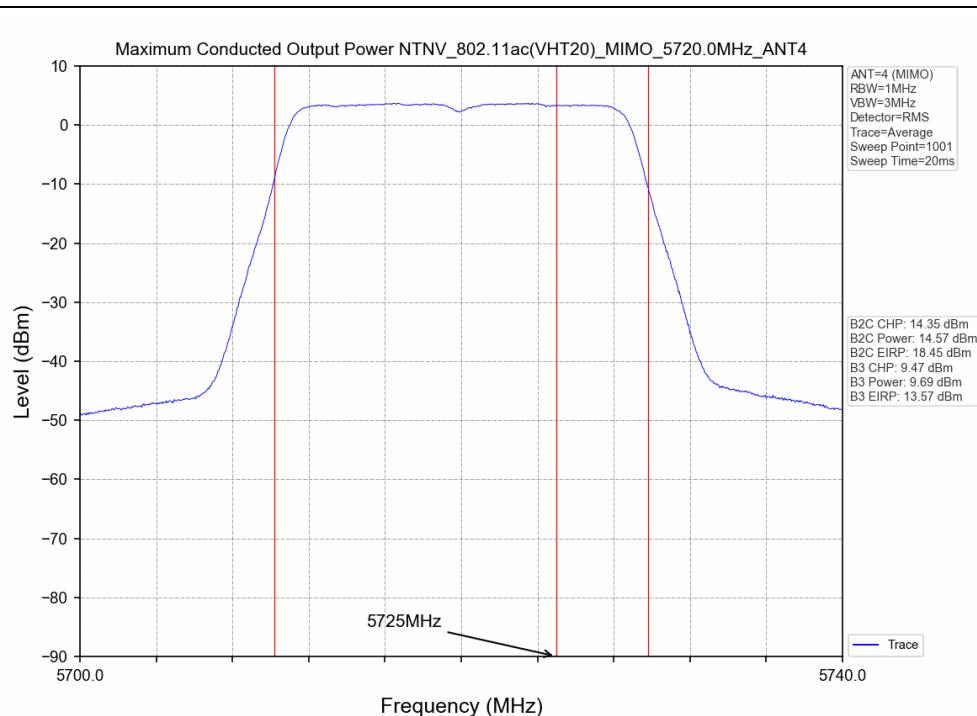
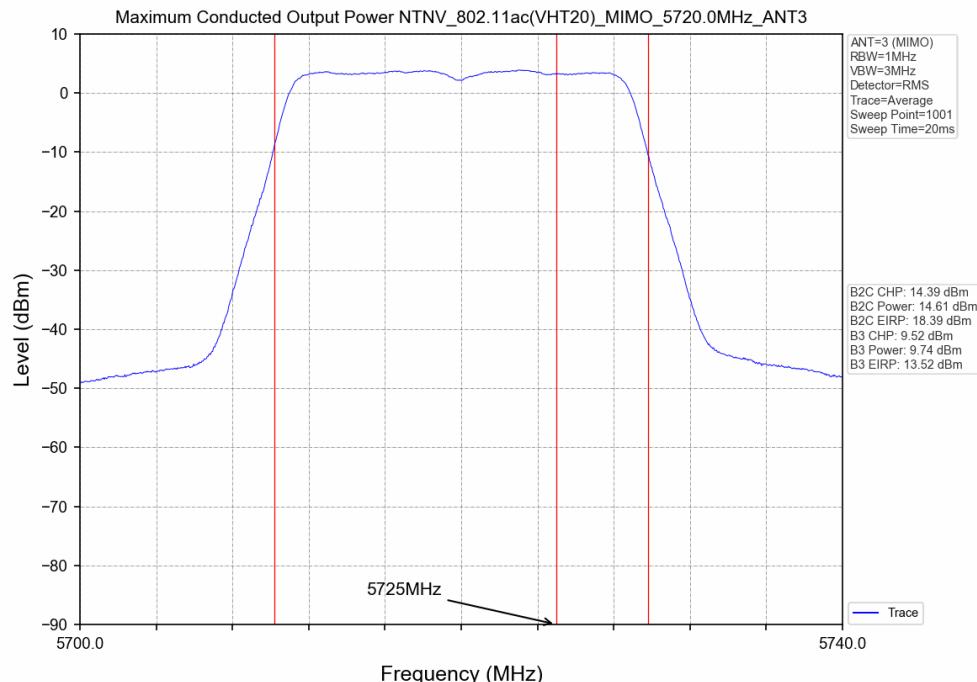
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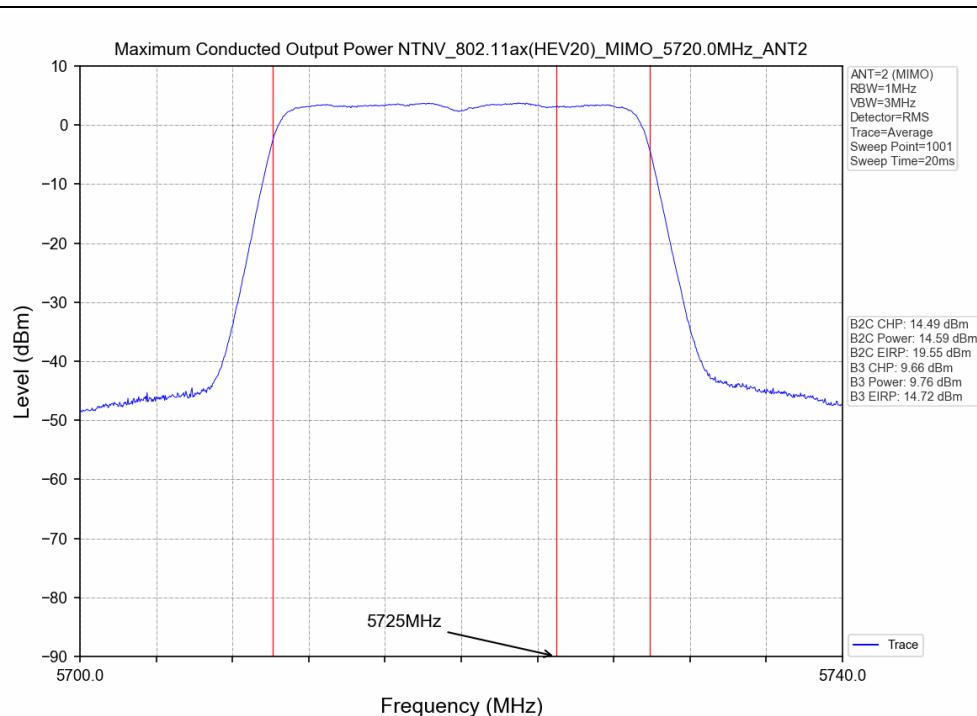
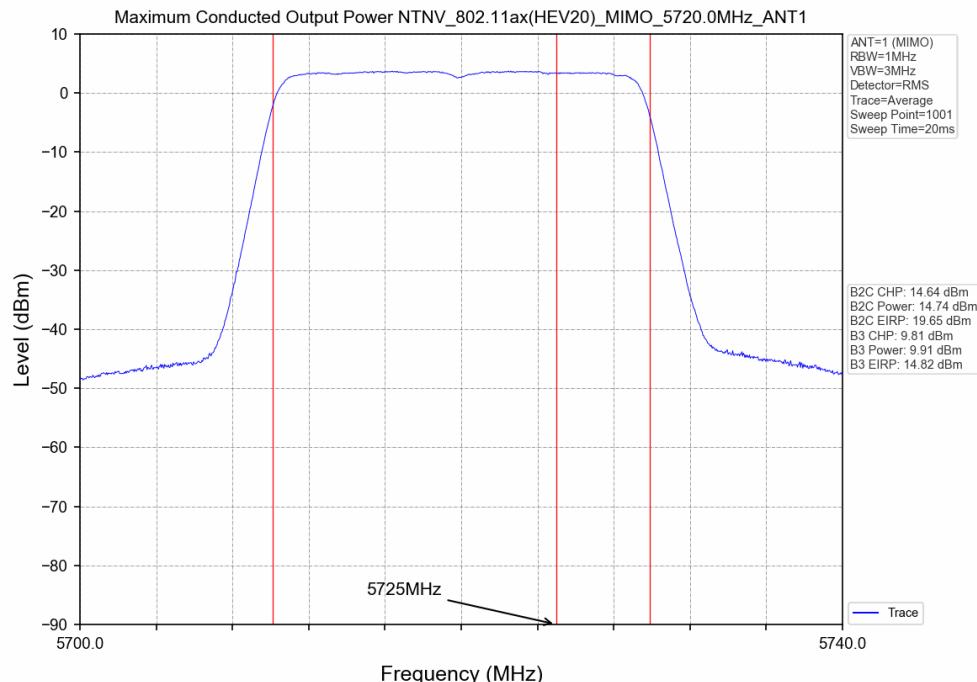
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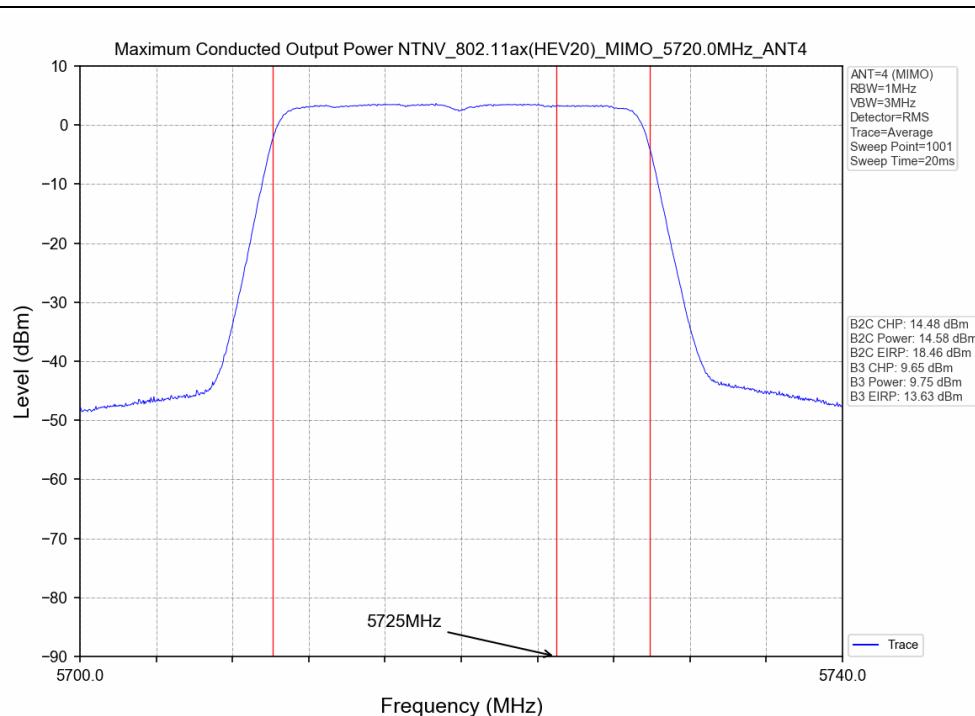
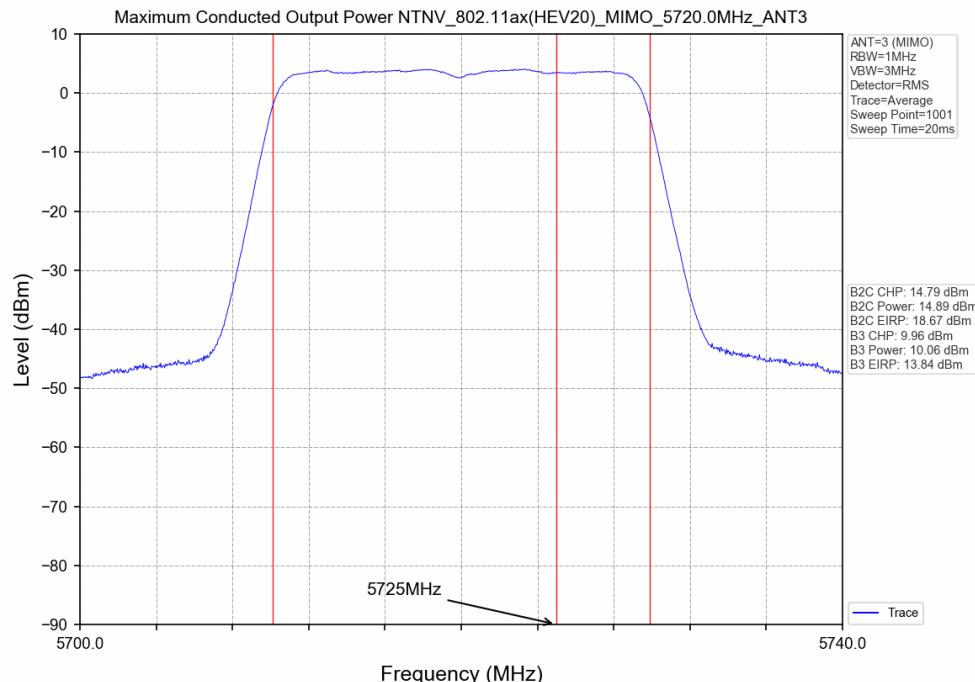
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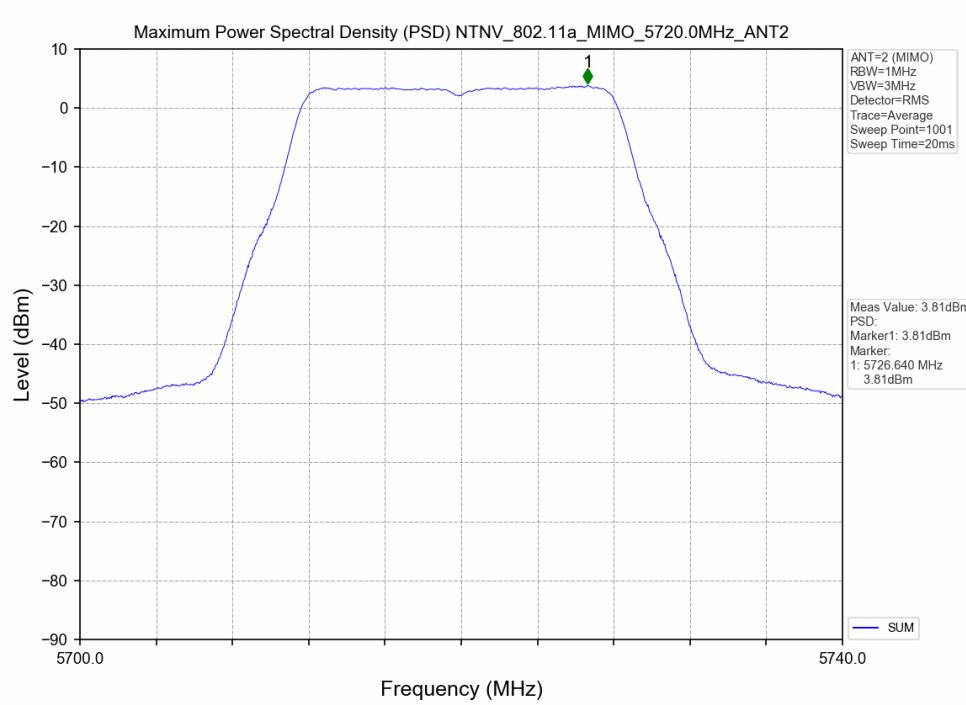
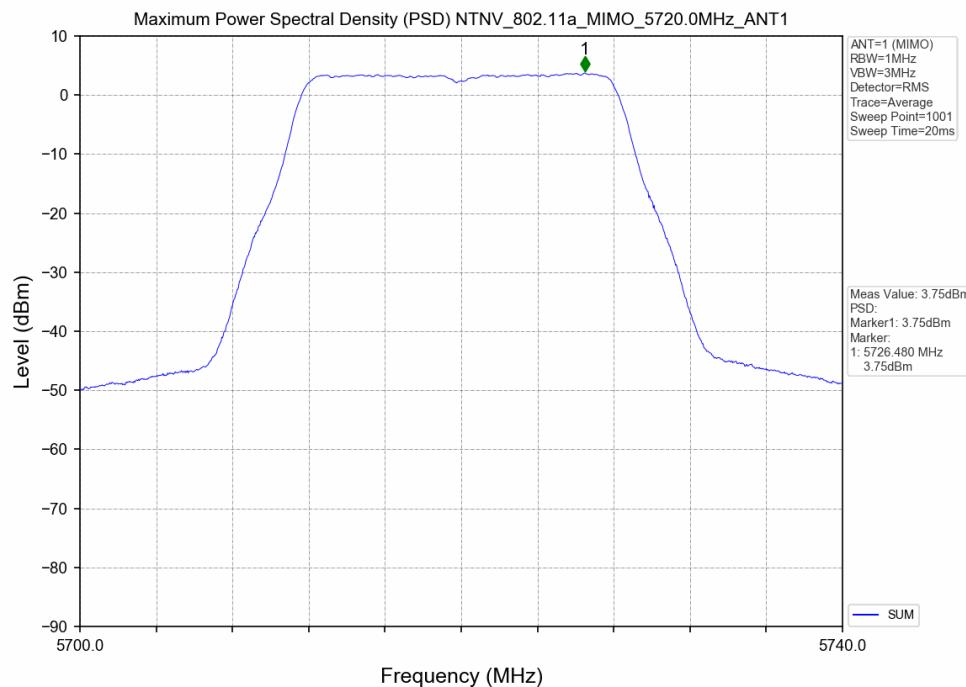
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**4. Maximum Power Spectral Density (PSD)****4.1 Test Result**

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)					Limits (dBm/MHz)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
802.11a	5720.0	MIMO	3.75	3.81	3.89	3.66	9.68	≤10.15	PASS
802.11n(HT20)	5720.0	MIMO	4.03	3.93	3.87	3.92	9.85	≤10.15	PASS
802.11ac(VHT20)	5720.0	MIMO	3.83	4.13	4.18	4.27	10.08	≤10.15	PASS
802.11ax(HEV20)	5720.0	MIMO	3.86	3.76	3.77	4.02	9.83	≤10.15	PASS

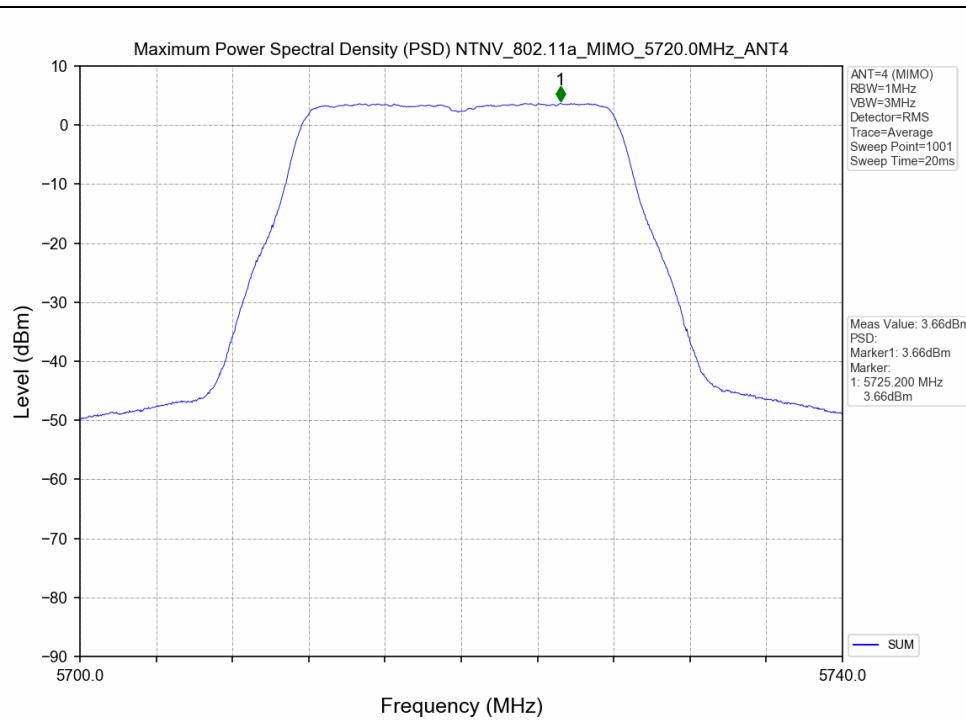
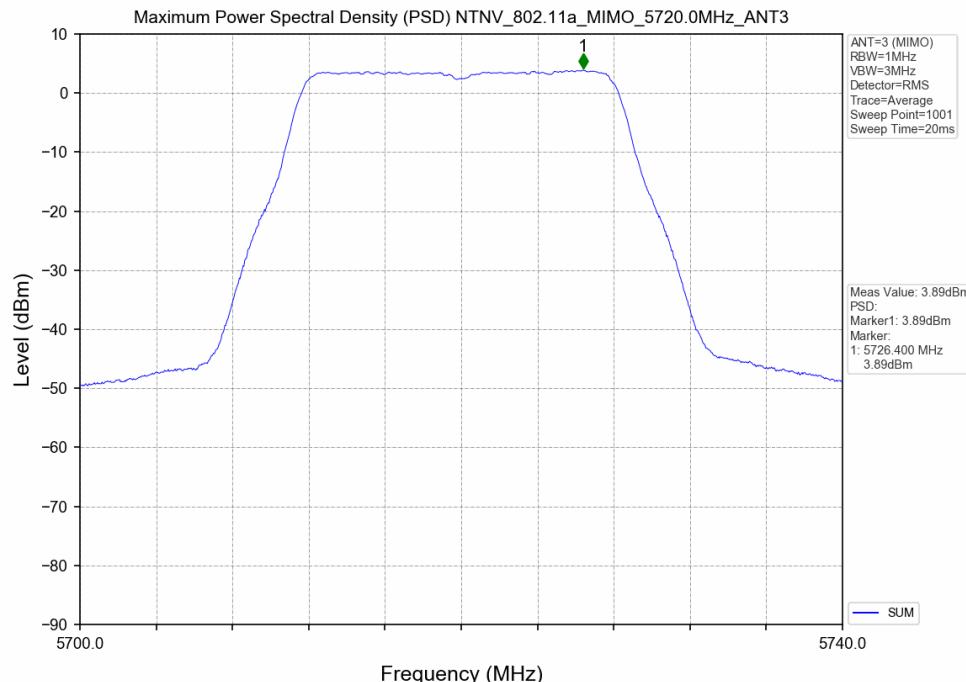
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**4.2 Test Graph**

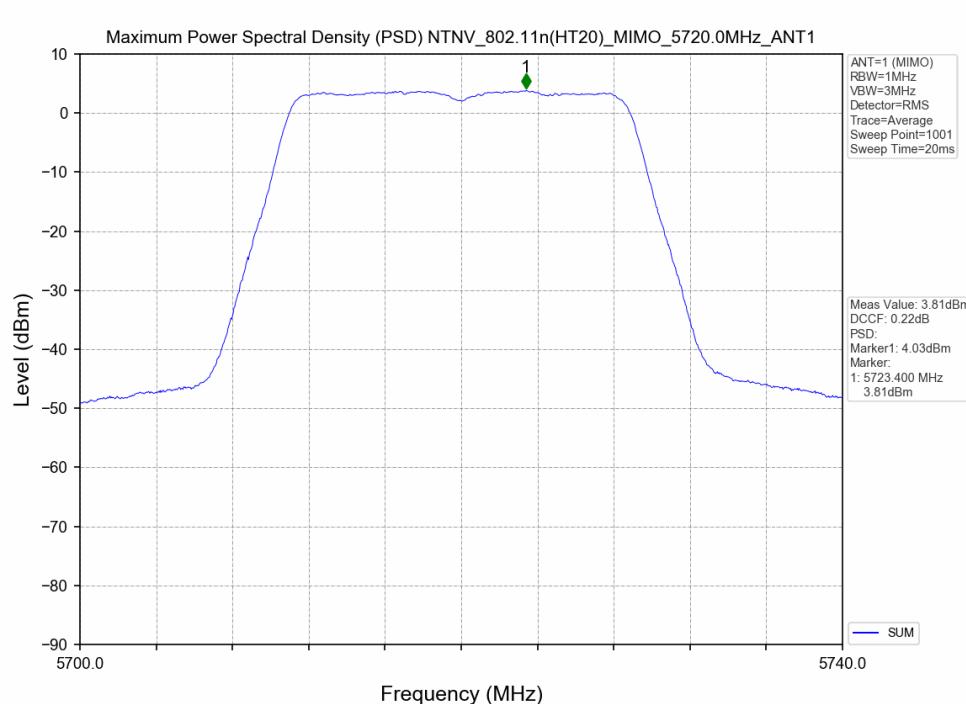
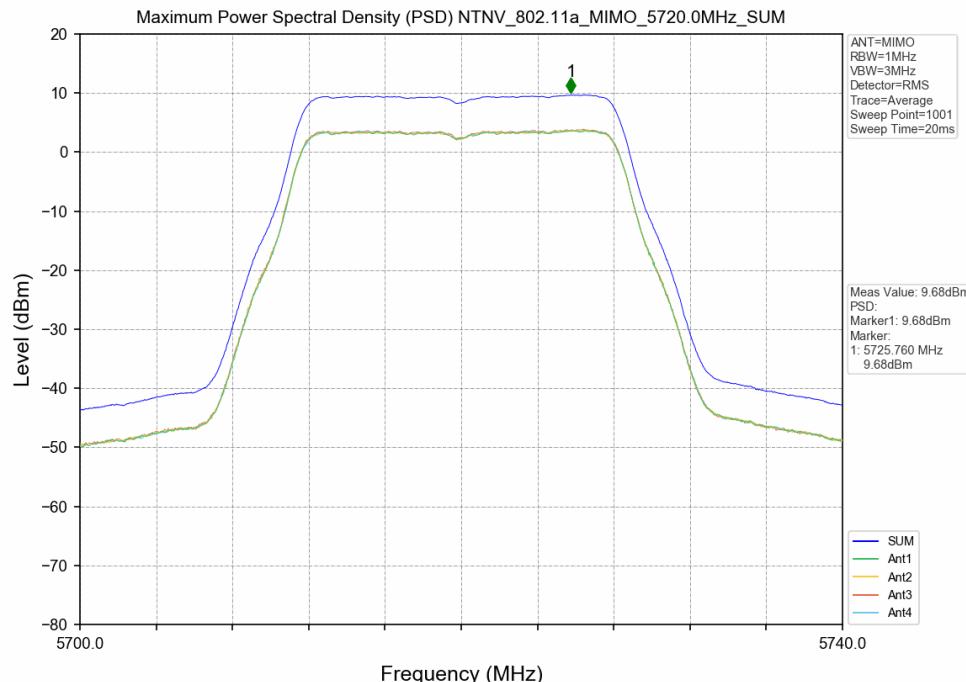
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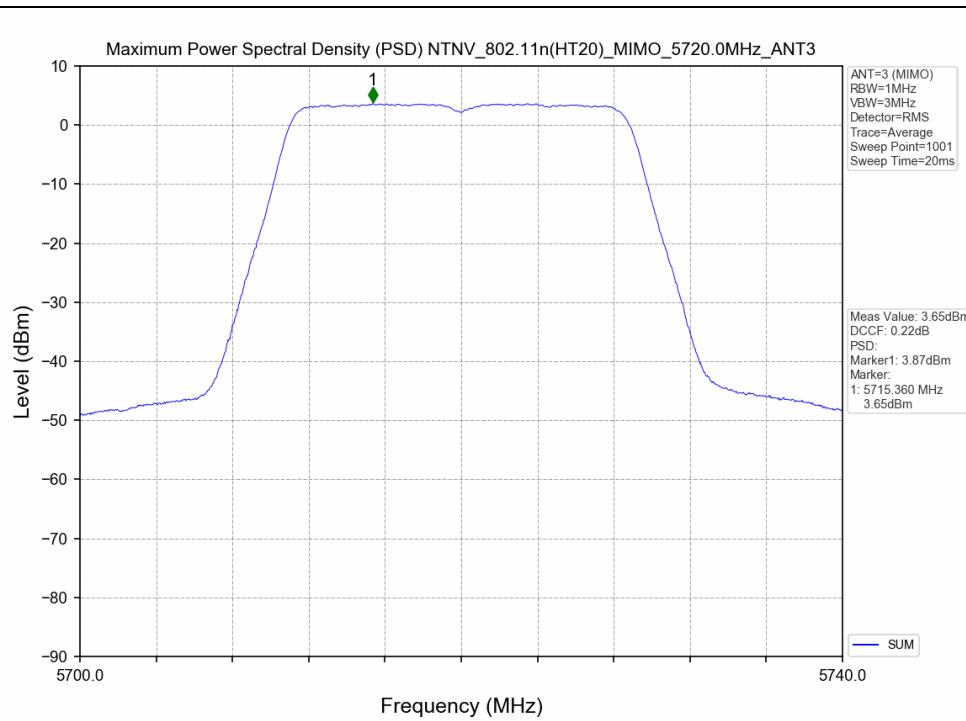
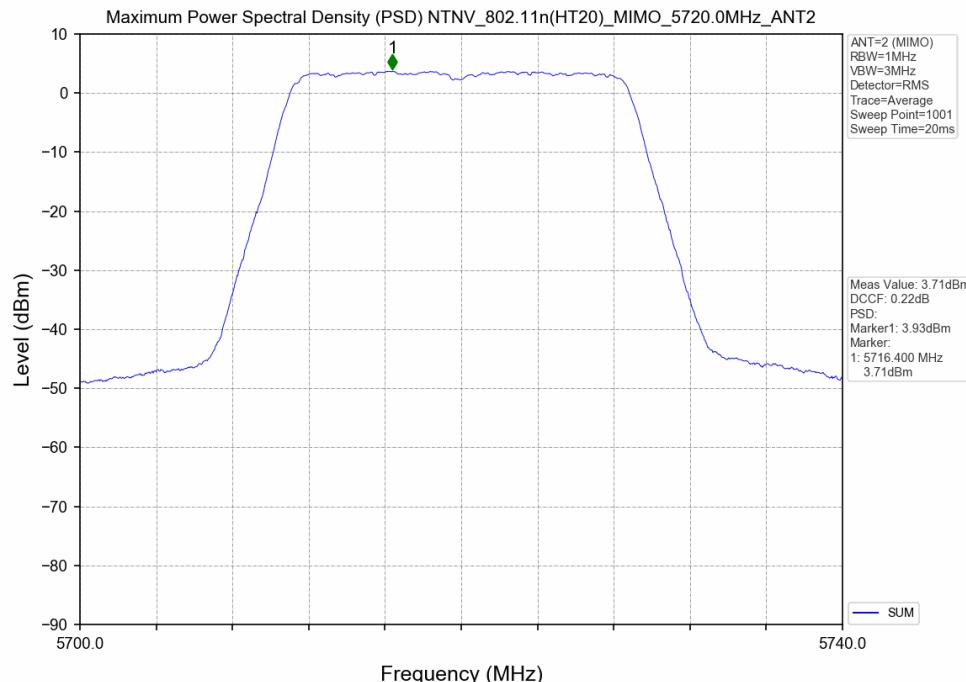
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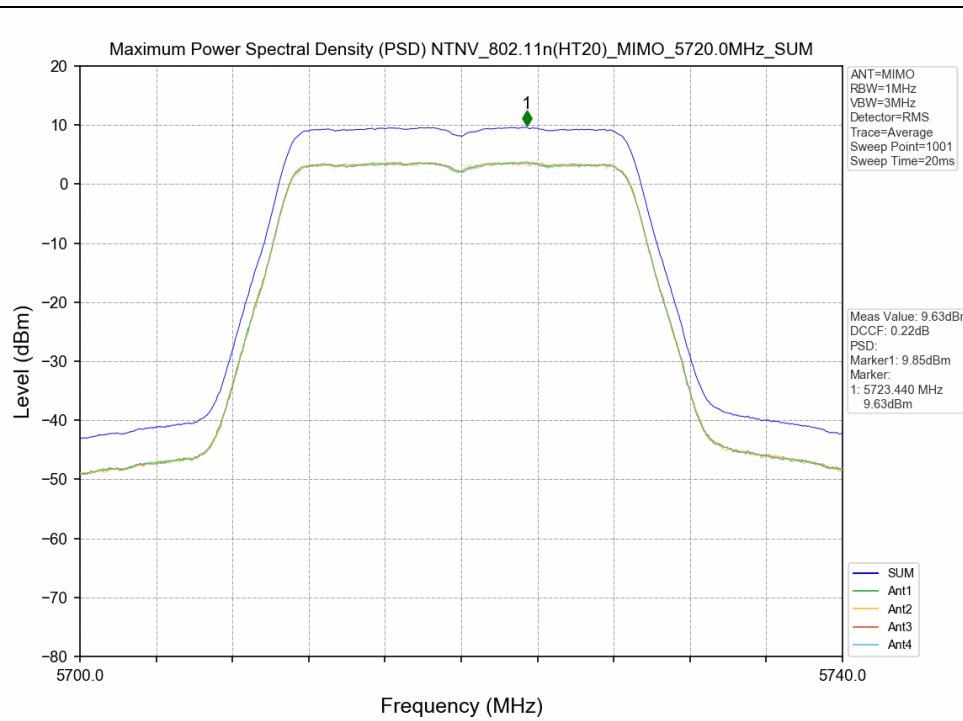
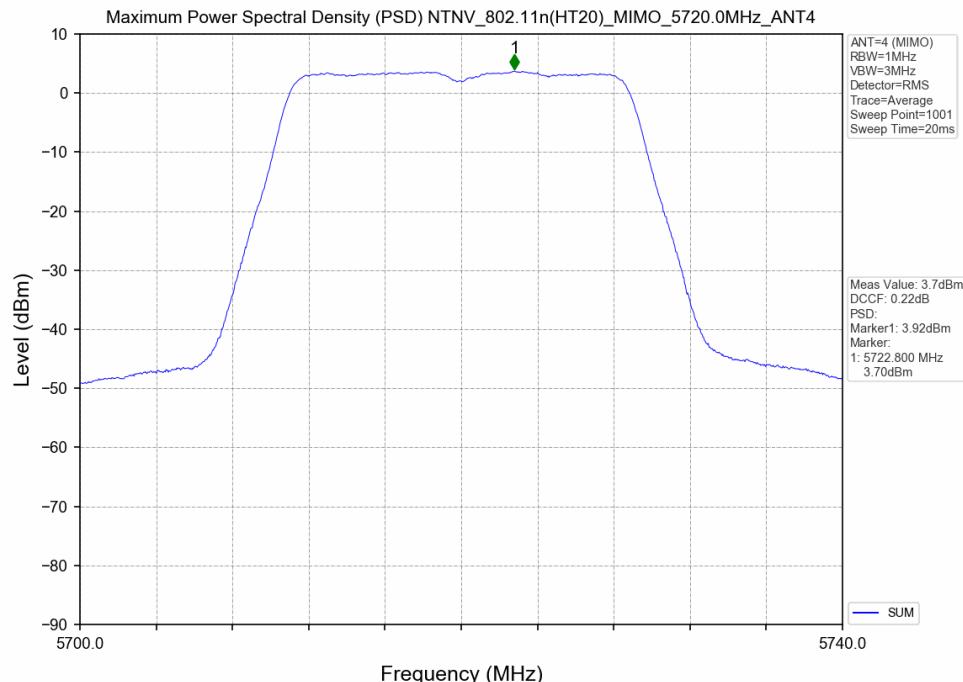
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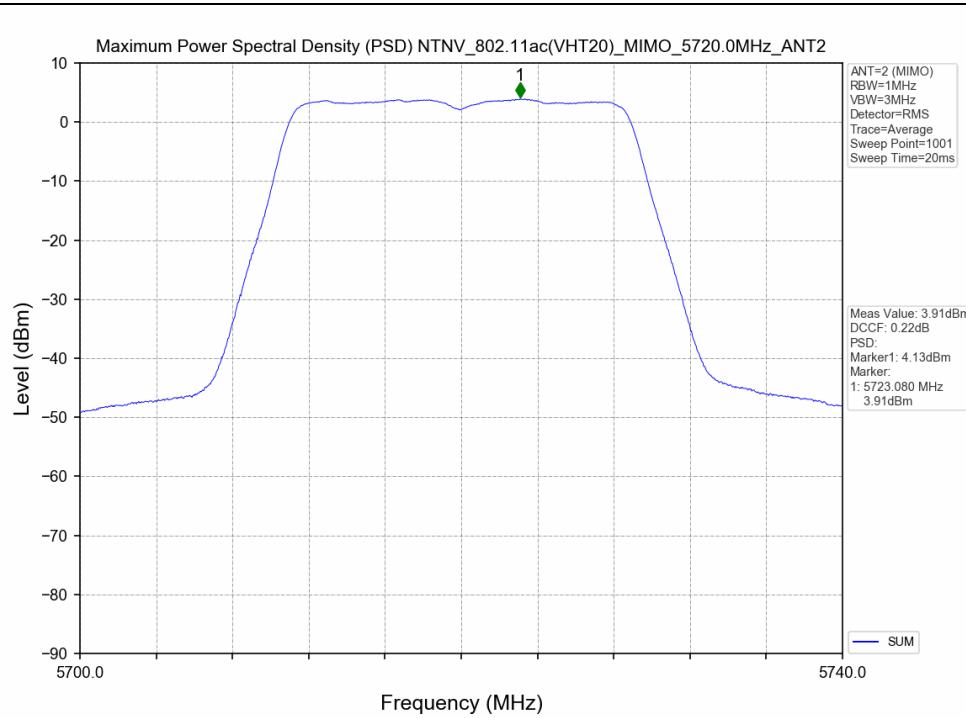
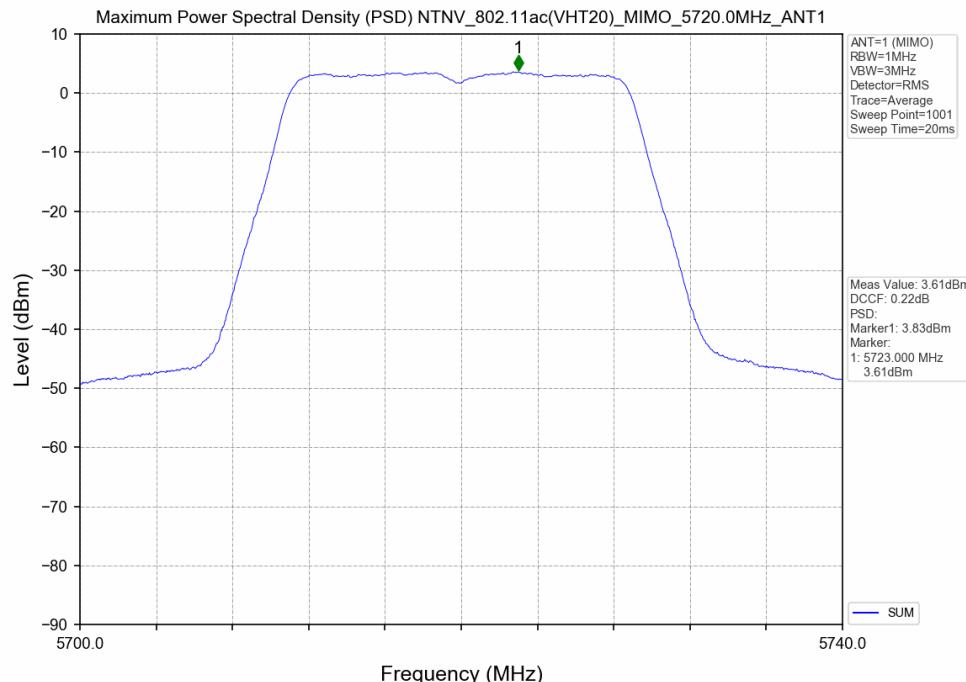
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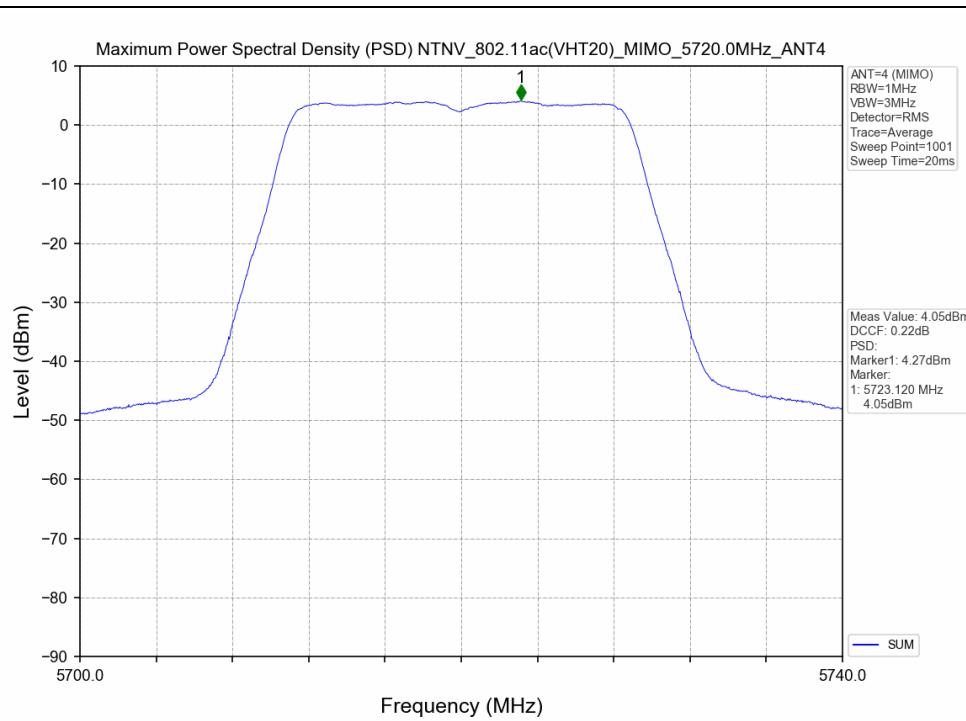
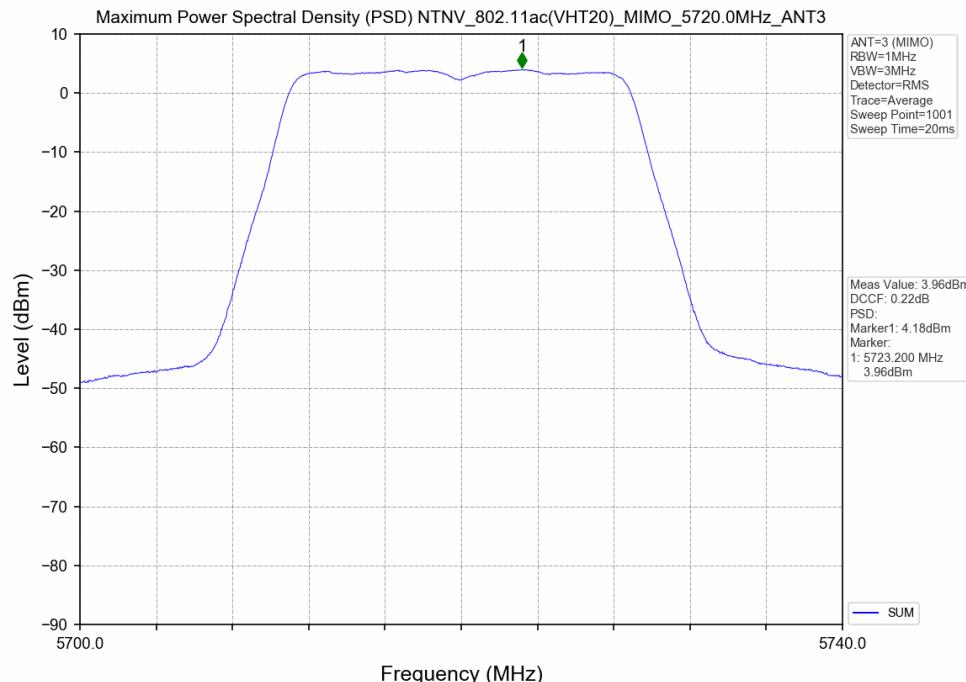
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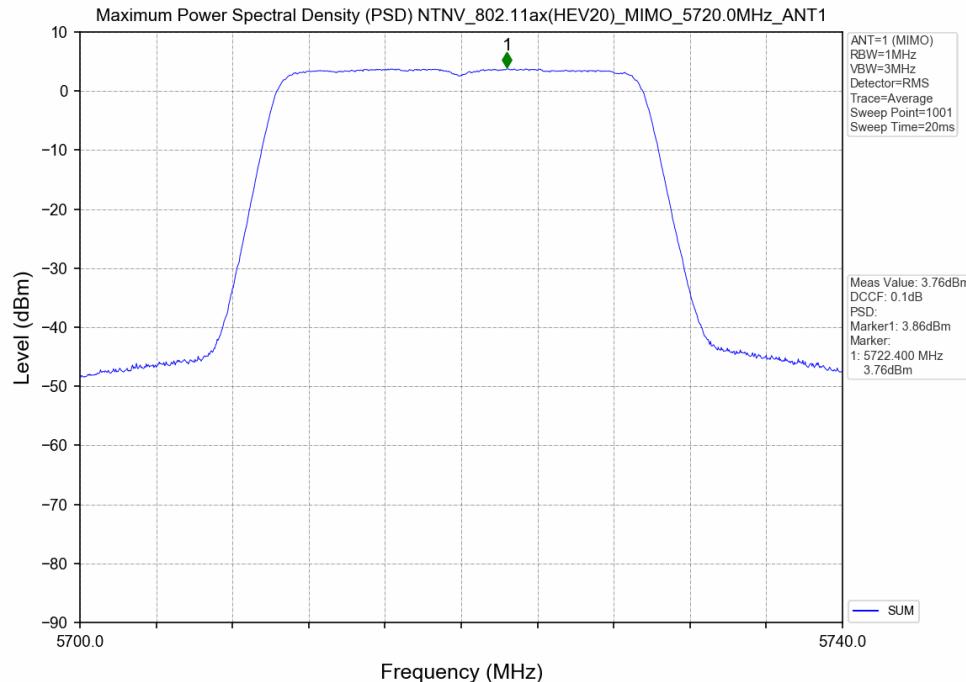
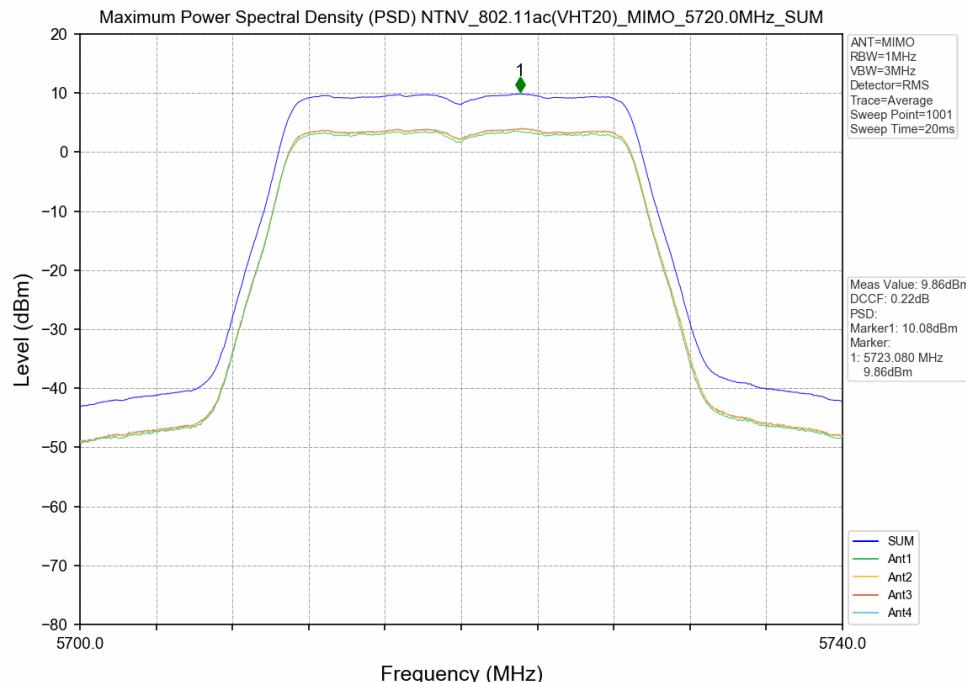
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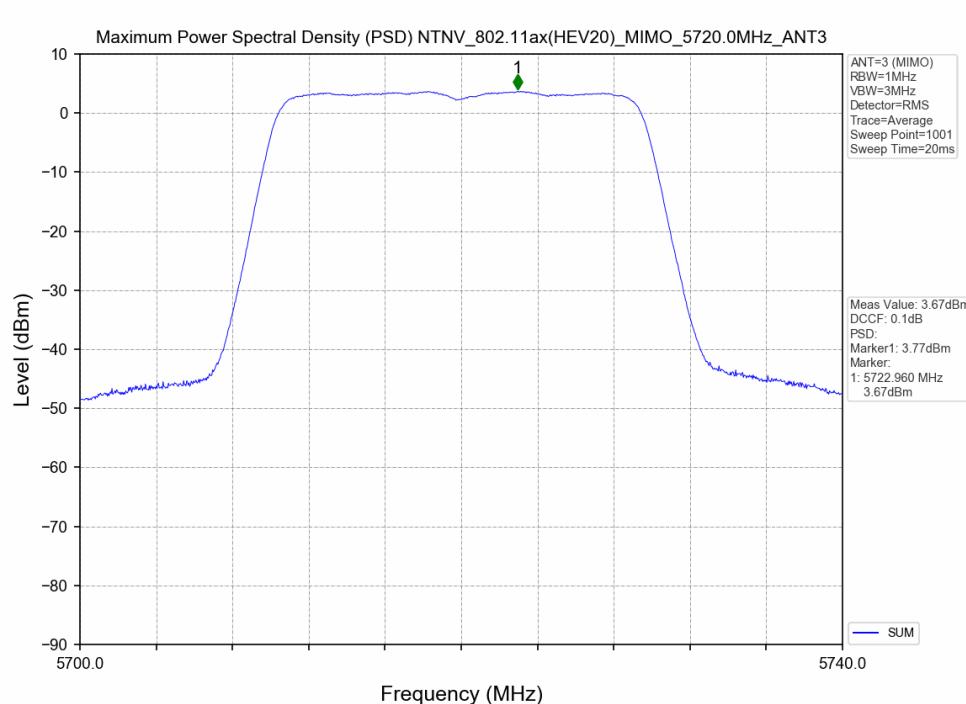
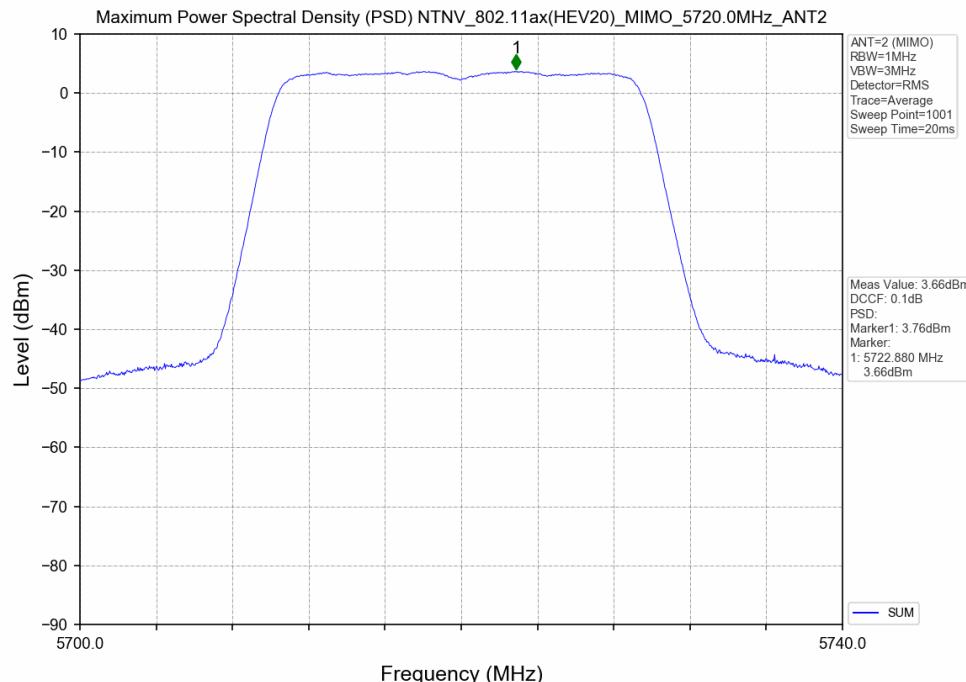
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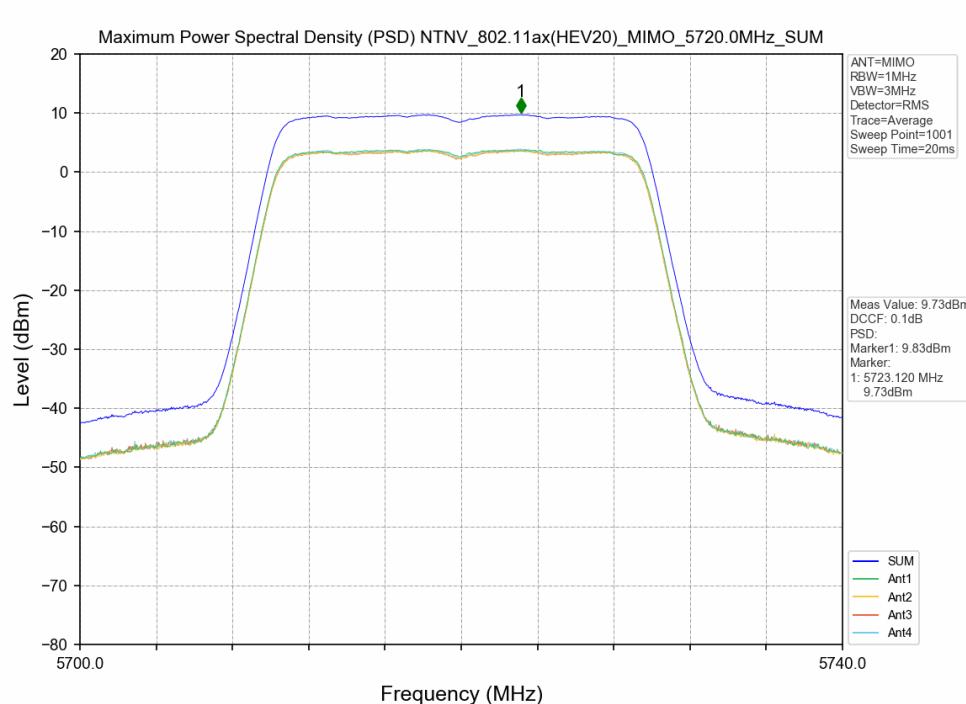
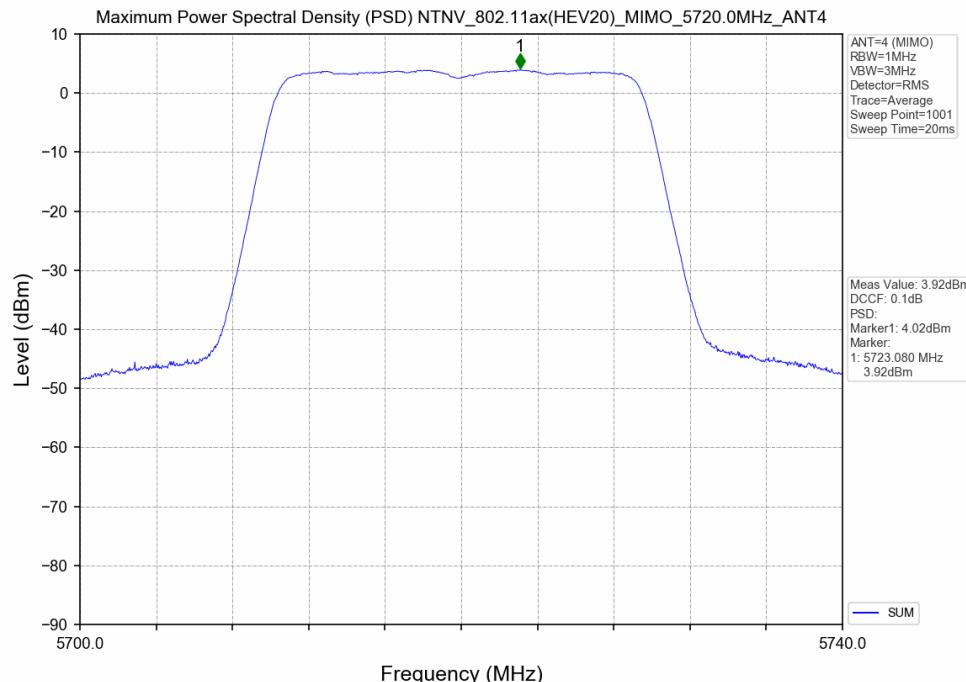
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**5. Frequency Stability****5.1 Test Result**

Test Condition	Test Mode	Test Frequency [MHz]	Ant	Result [ppm]	Limit [ppm]	Verdict
NTNV	802.11ax	5720.0	MIMO	-7.48	<=20	PASS



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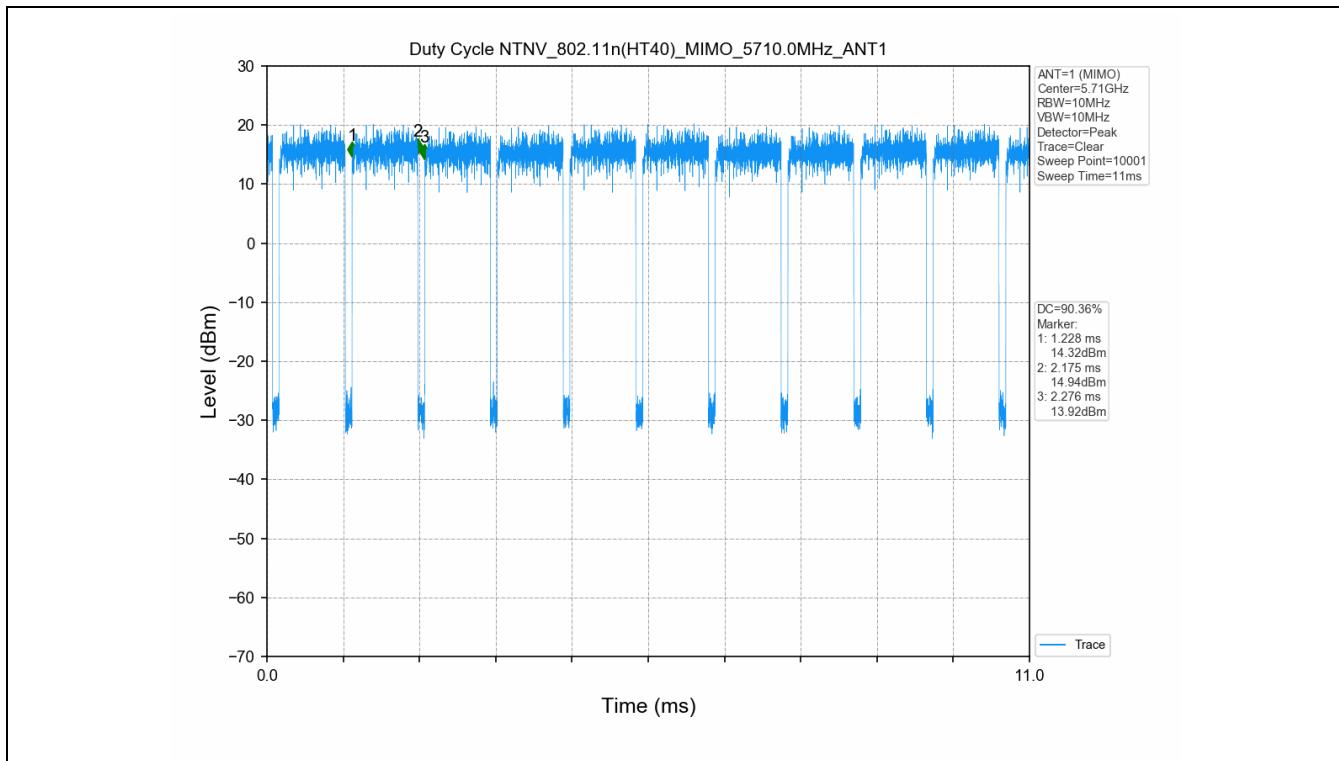
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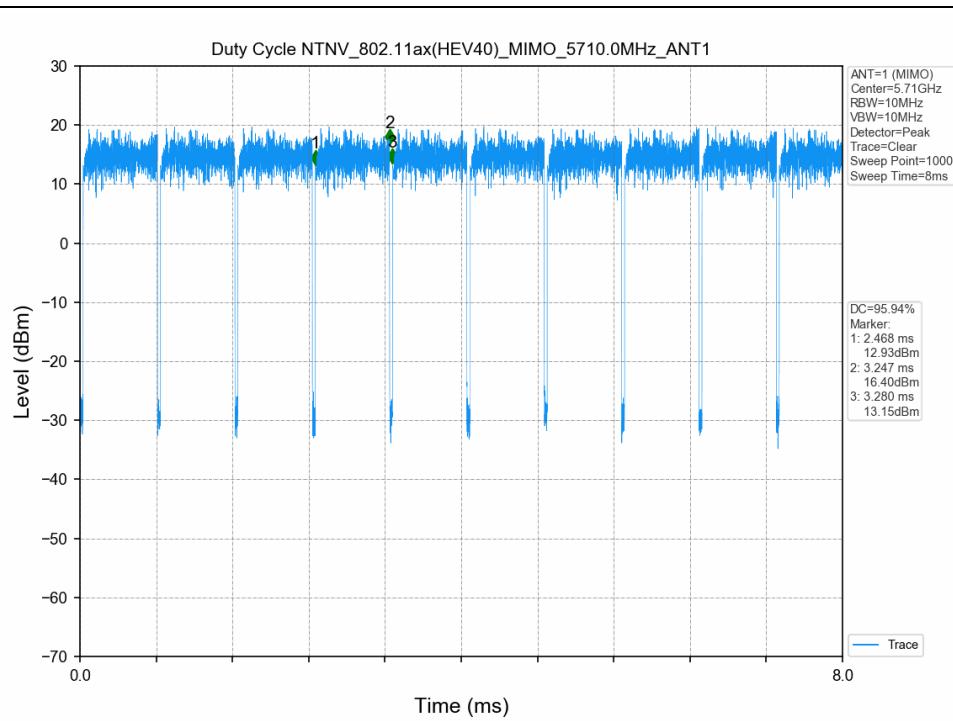
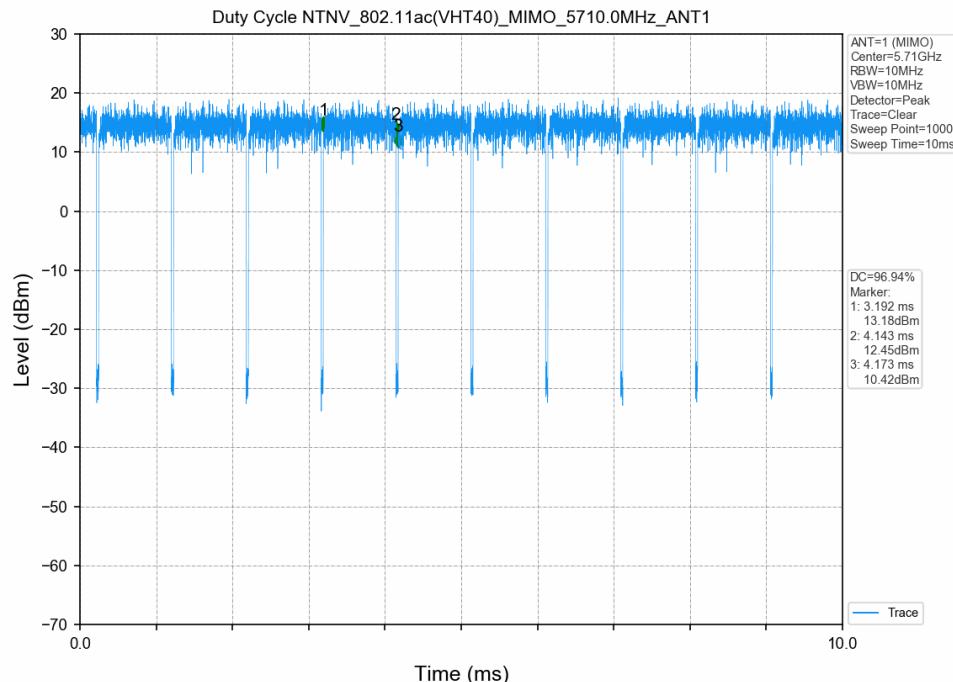
**10.5 STRADDLE CHANNEL 142 RESULTS****1. Duty Cycle****1.1 Test Result**

Test Mode	Channel Frequency (MHz)	TX Type	ANT No.	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)
802.11n(HT40)	5710.0	MIMO	1	0.947	1.048	90.36	0.44
802.11ac(VHT40)	5710.0	MIMO	1	0.951	0.981	96.94	0.13
802.11ax(HEV40)	5710.0	MIMO	1	0.779	0.812	95.94	0.18

**1.2 Test Graph**

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## 2. Bandwidth



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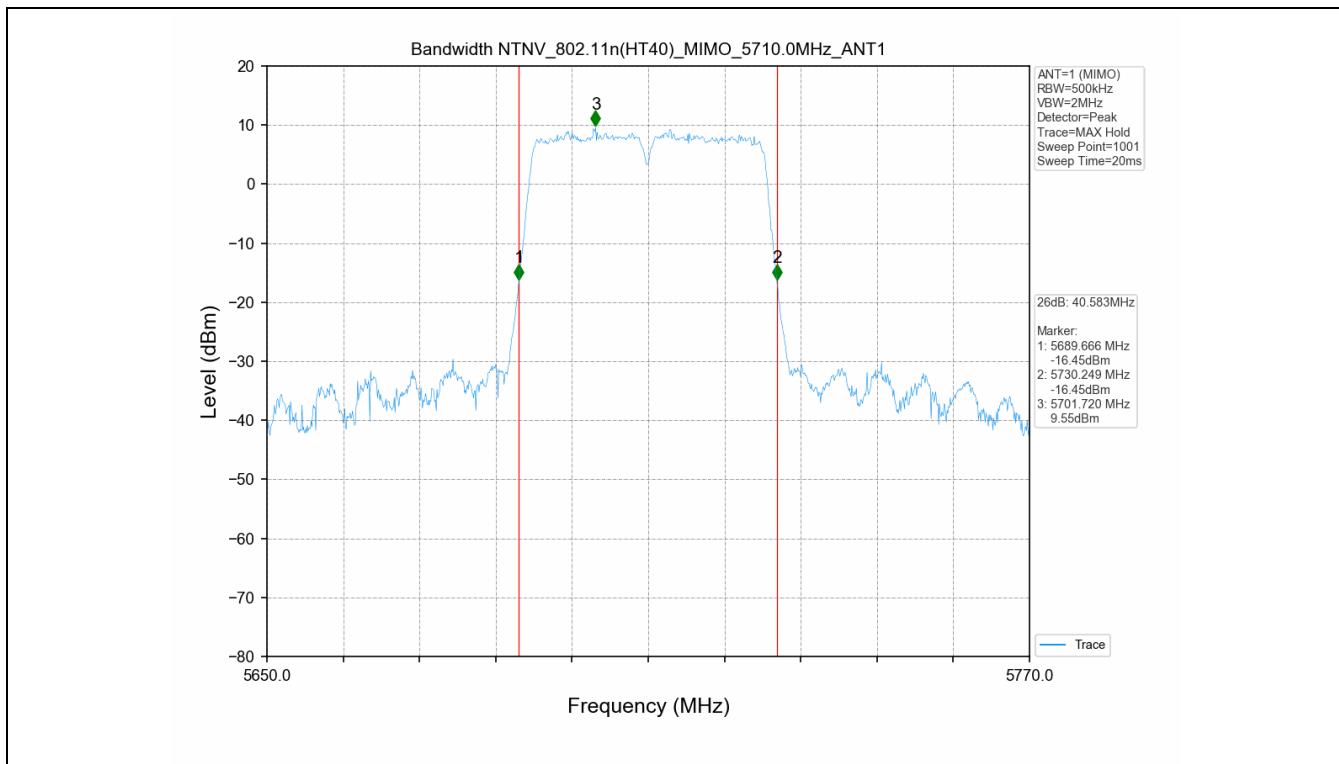
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**2.1 Test Result**

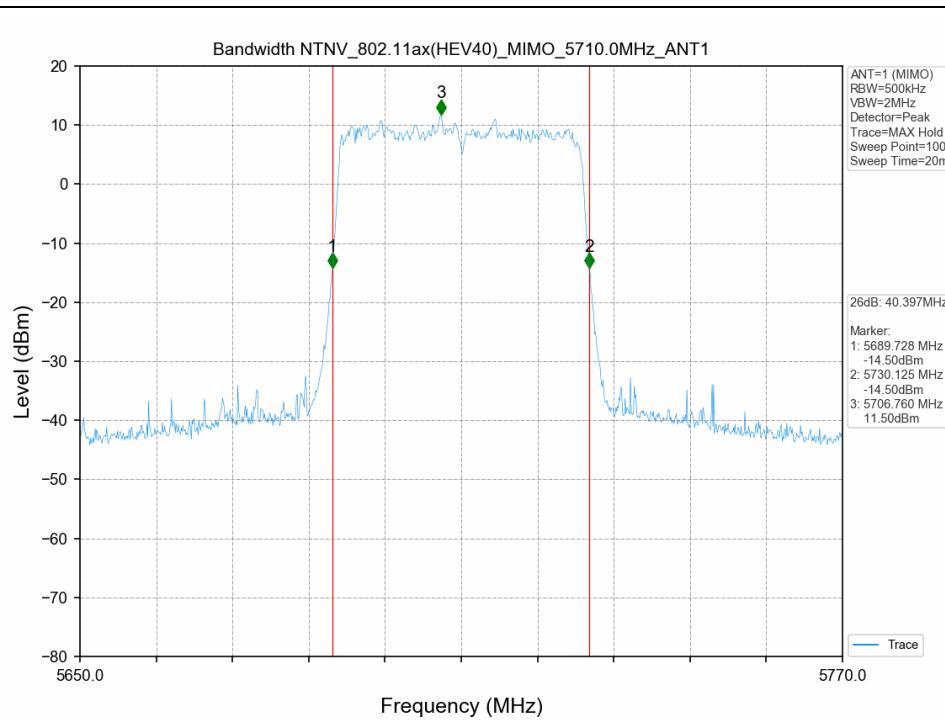
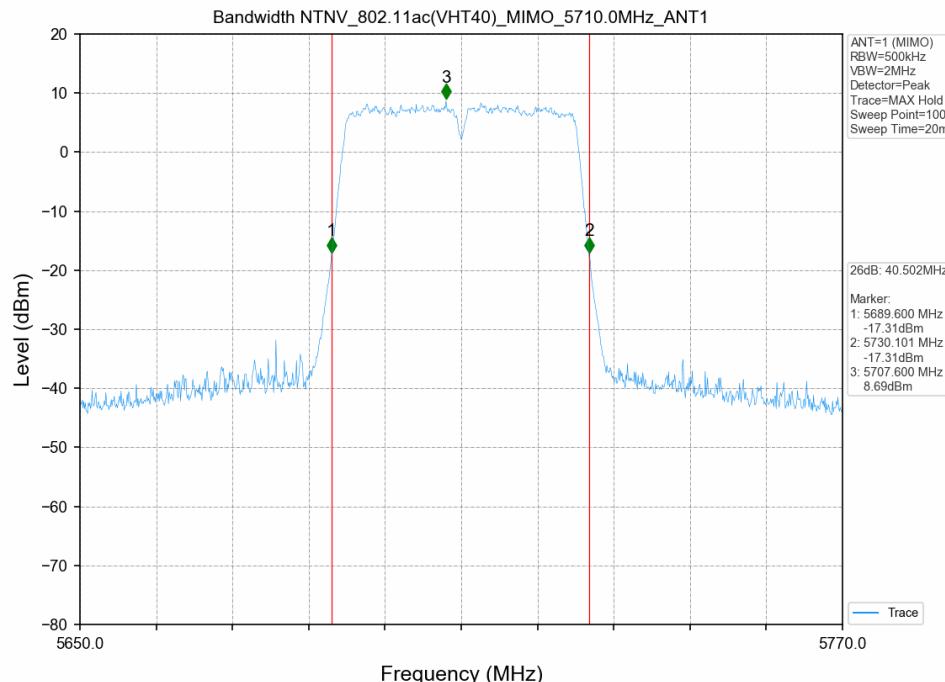
Test Mode	Frequency (MHz)	TX Type	ANT No.	Emission Bandwidth		Verdict
				Test Result (MHz)	Limits (MHz)	
802.11n(HT40)	5710.0	MIMO	1	40.583	Only for Report Use	PASS
802.11ac(VHT40)	5710.0	MIMO	1	40.502	Only for Report Use	PASS
802.11ax(HEV40)	5710.0	MIMO	1	40.397	Only for Report Use	PASS

Test Mode	Frequency (MHz)	TX Type	ANT No.	99% Occupied Bandwidth	
				Test Result (MHz)	
802.11n(HT40)	5710.0	MIMO	1	37.961	Only for Report Use
802.11ac(VHT40)	5710.0	MIMO	1	37.527	Only for Report Use
802.11ax(HEV40)	5710.0	MIMO	1	38.786	Only for Report Use

**2.2 Test Graph - Emission Bandwidth**

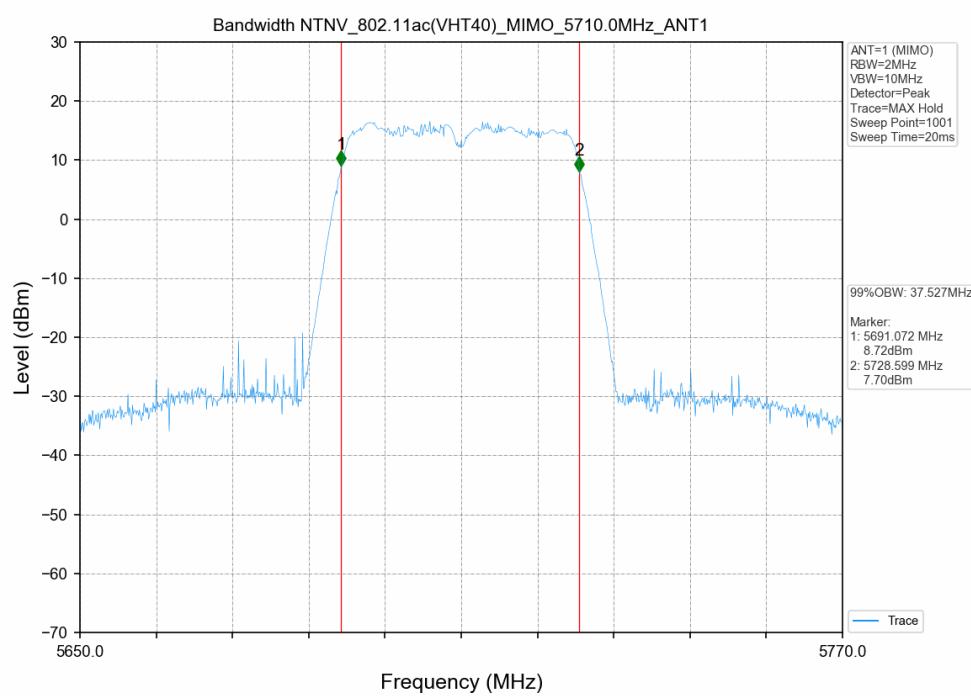
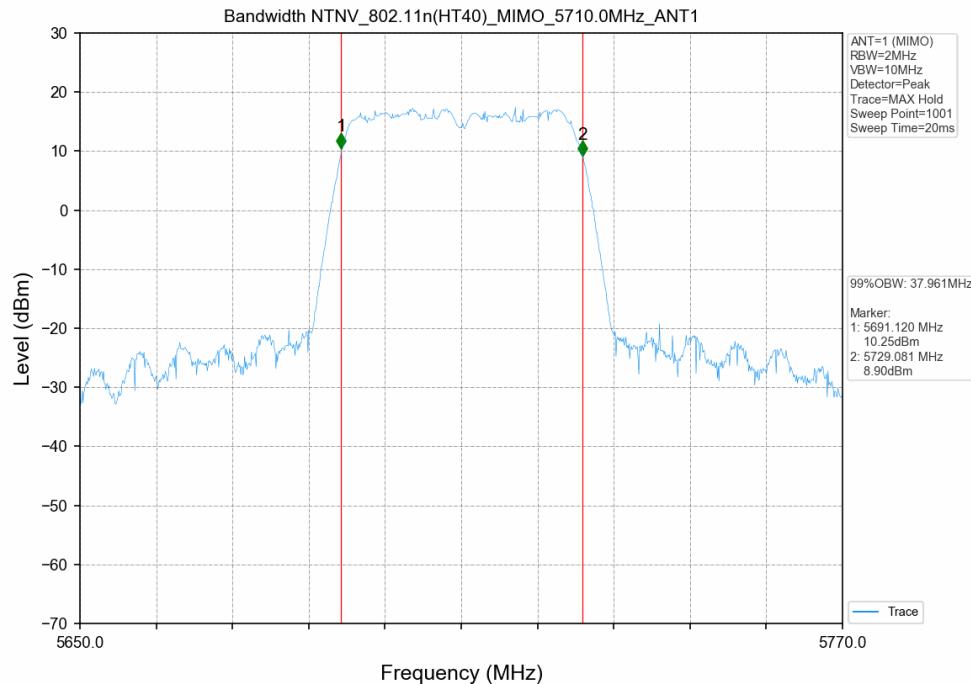
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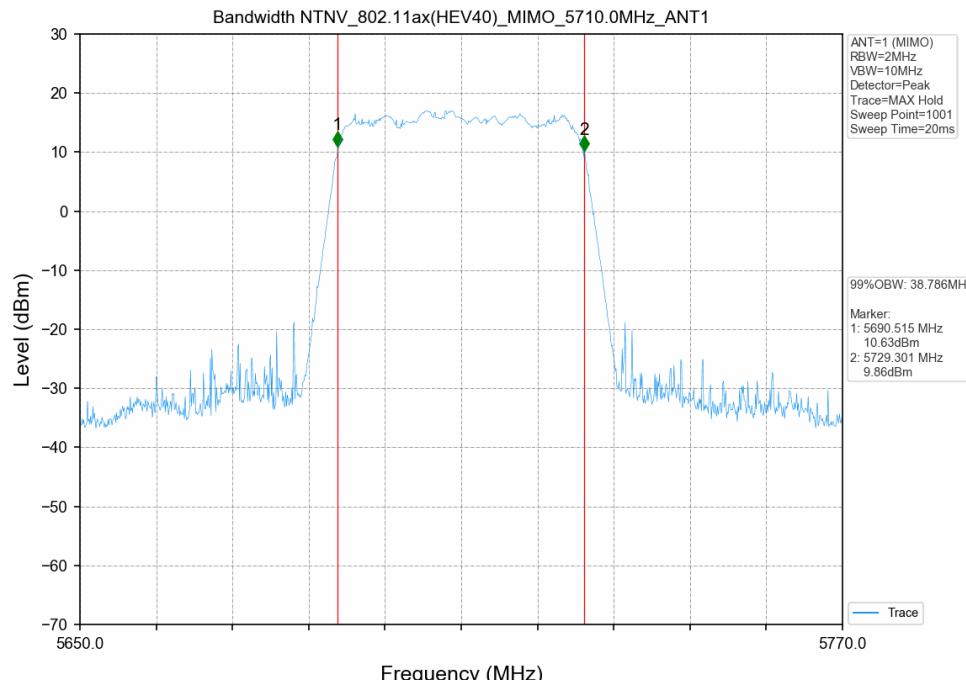
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**2.3 Test Graph - 99% Occupied Bandwidth**



### 3. Maximum Conducted Output Power

#### 3.1 Test Result

**Band2C:**

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)					Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
802.11n(HT40)	5710.0	MIMO	17.29	17.22	17.22	17.22	23.26	≤23.98	PASS
802.11ac(VHT40)	5710.0	MIMO	17.33	17.32	17.29	17.33	23.34	≤23.98	PASS
802.11ax(HEV40)	5710.0	MIMO	17.52	17.41	17.34	17.39	23.44	≤23.98	PASS

**Band3:**

Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)					Limit (dBm)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
802.11n(HT40)	5710.0	MIMO	7.98	7.91	7.90	7.91	13.95	≤23.98	PASS
802.11ac(VHT40)	5710.0	MIMO	7.80	7.79	7.76	7.80	13.81	≤23.98	PASS
802.11ax(HEV40)	5710.0	MIMO	8.58	8.47	8.40	8.46	14.50	≤23.98	PASS

#### 3.2 Test Graph

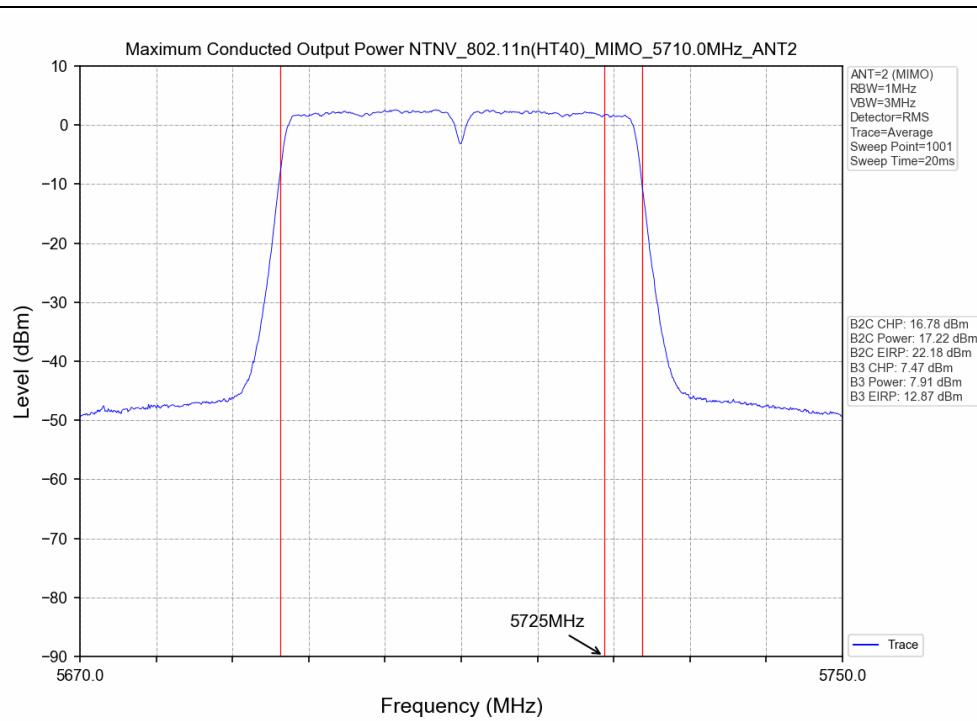
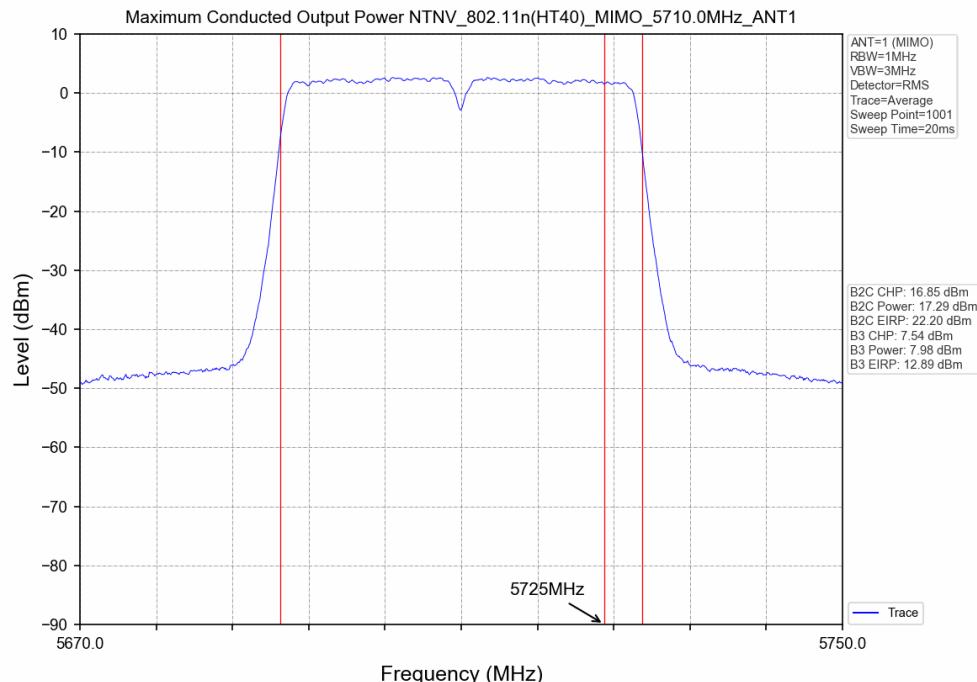


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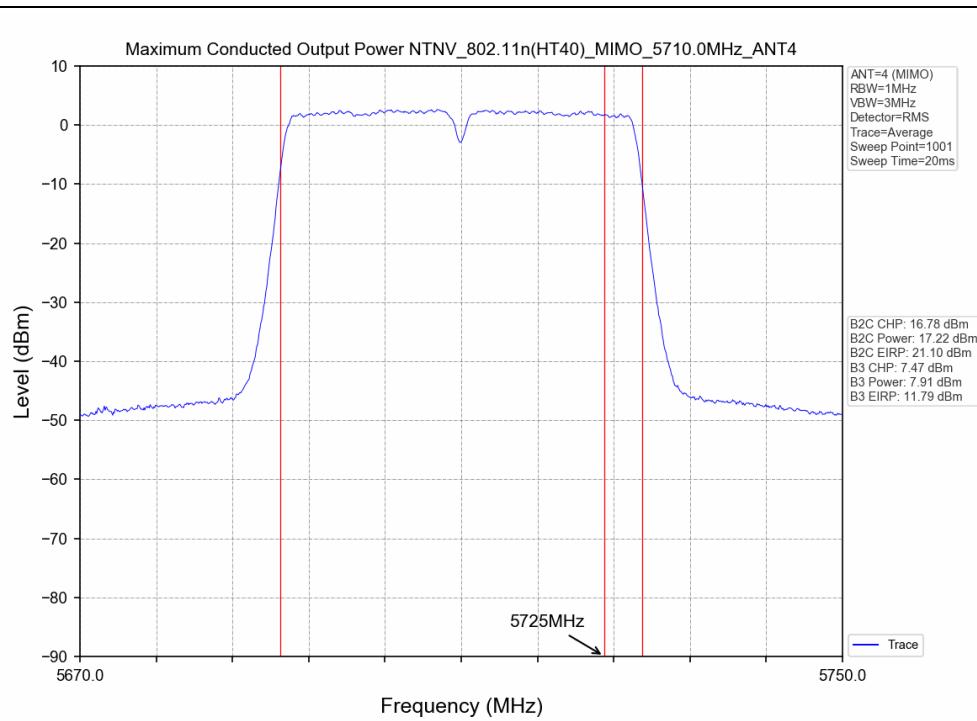
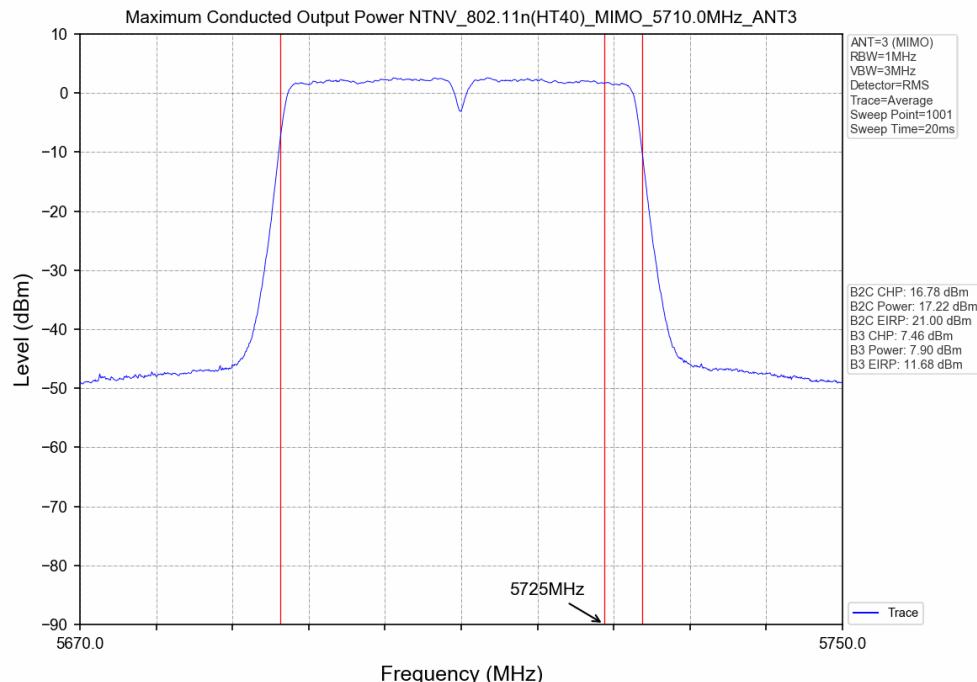
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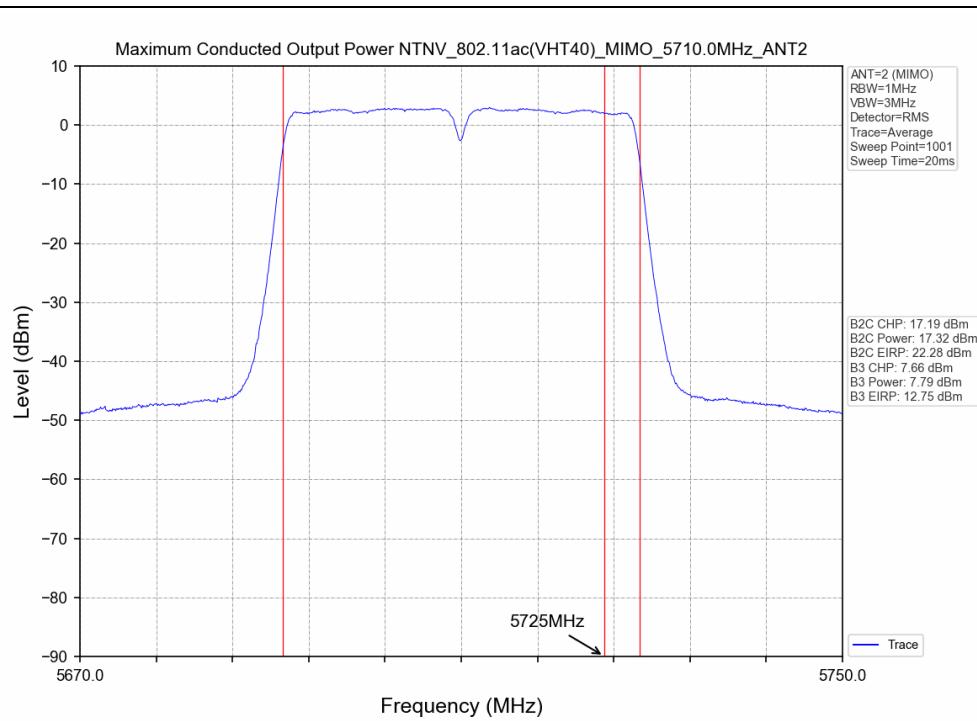
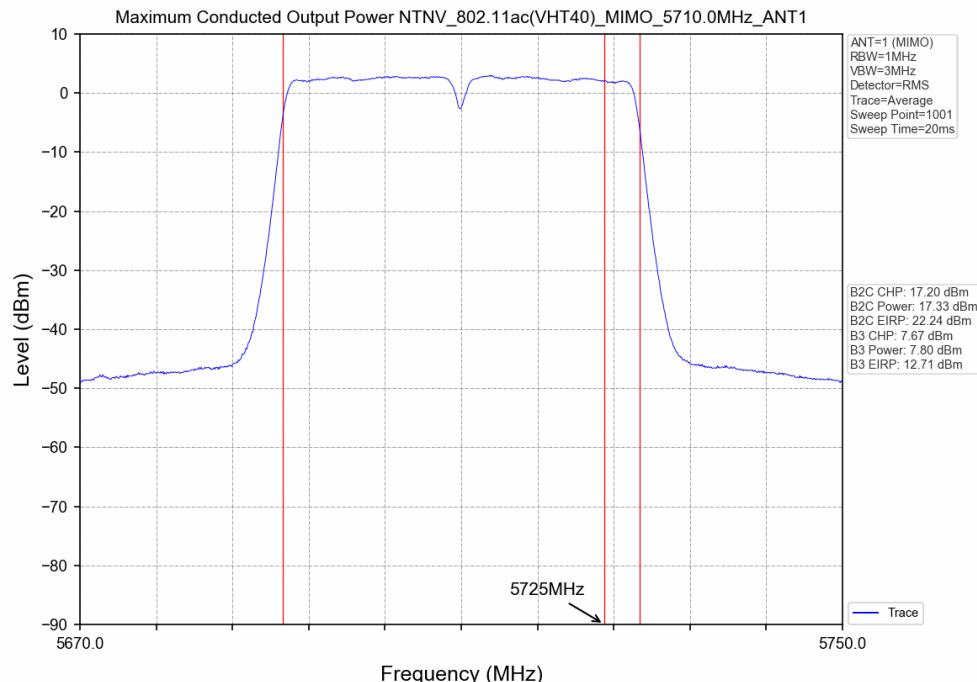
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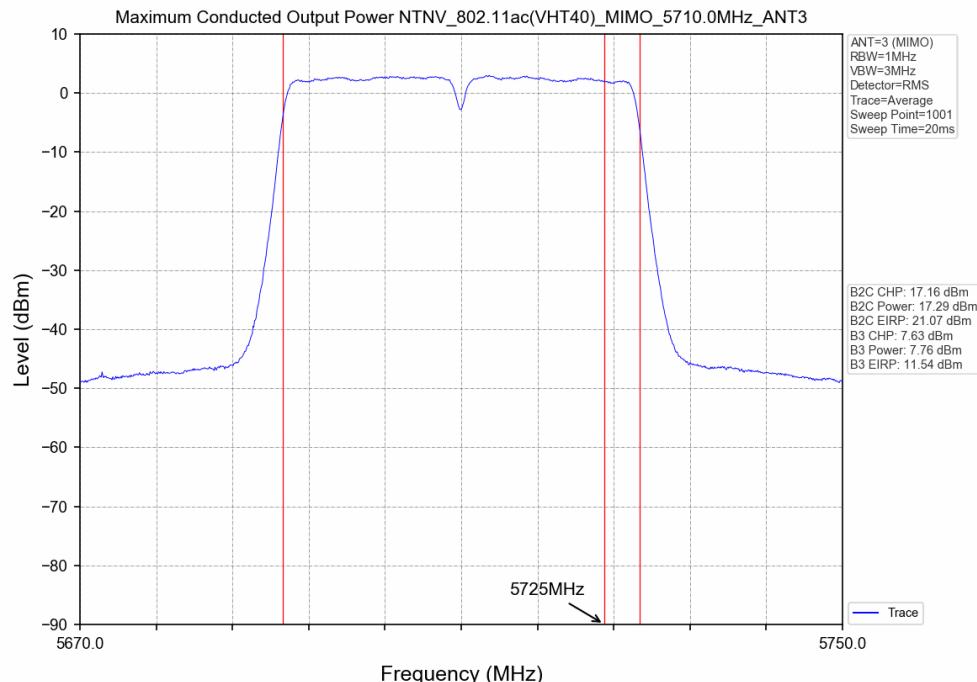
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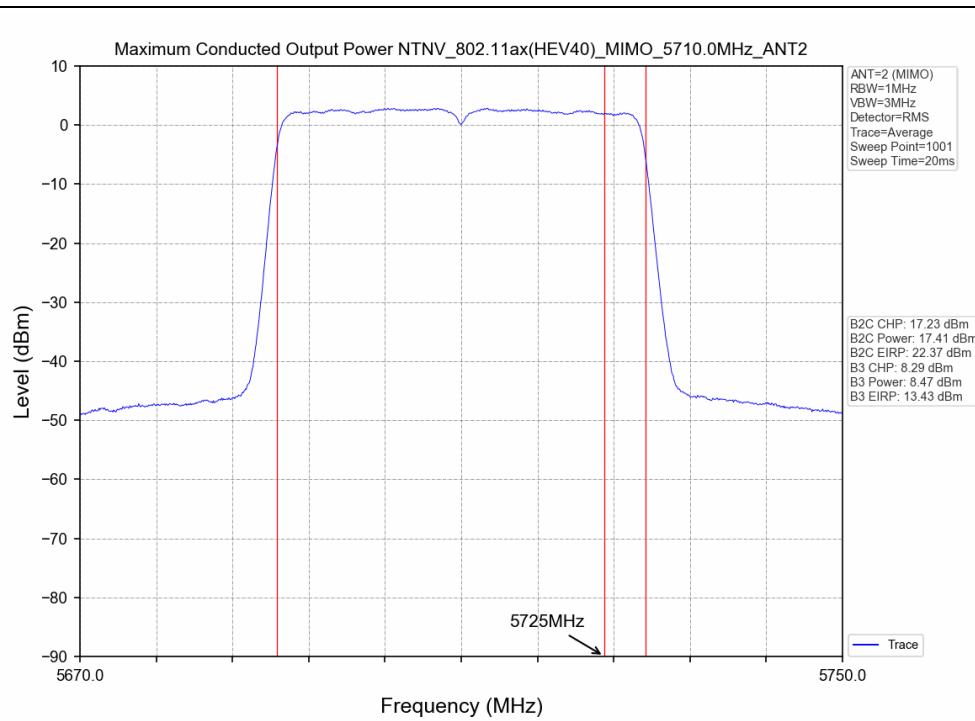
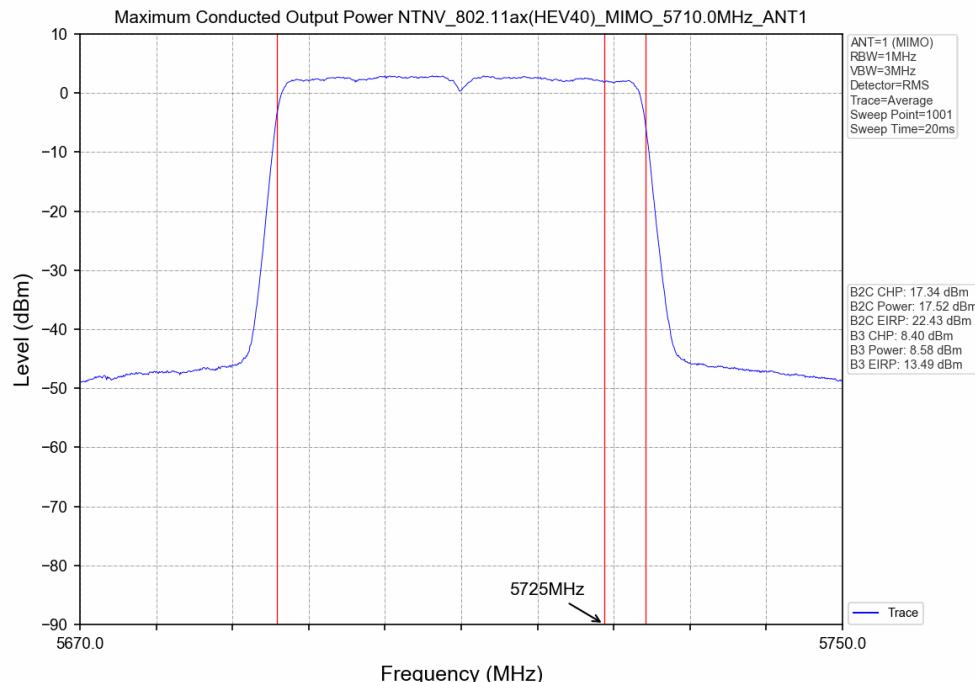
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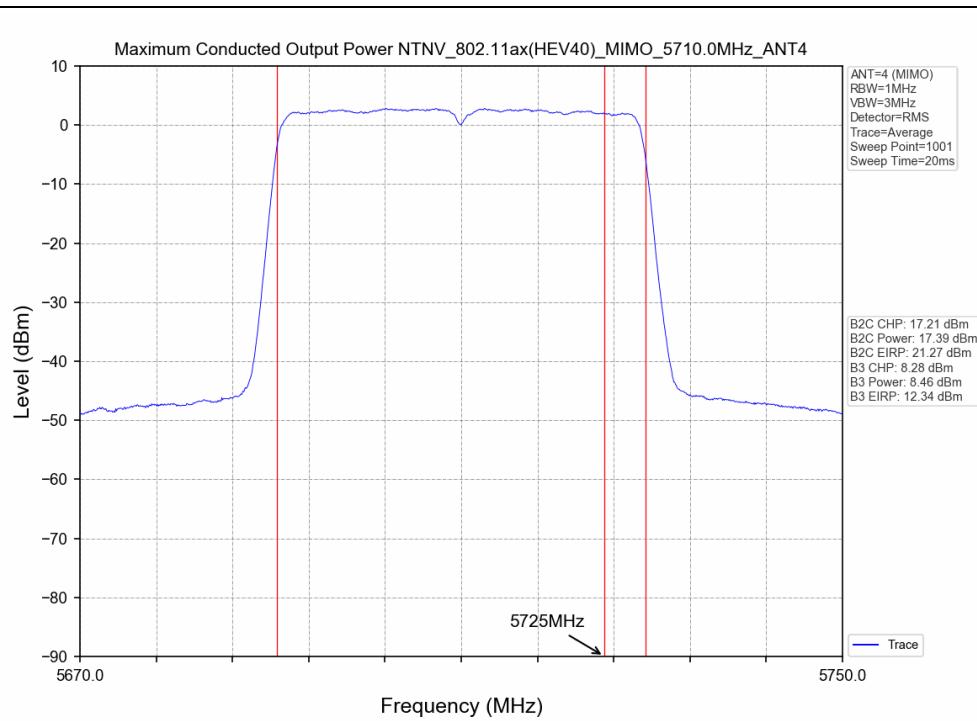
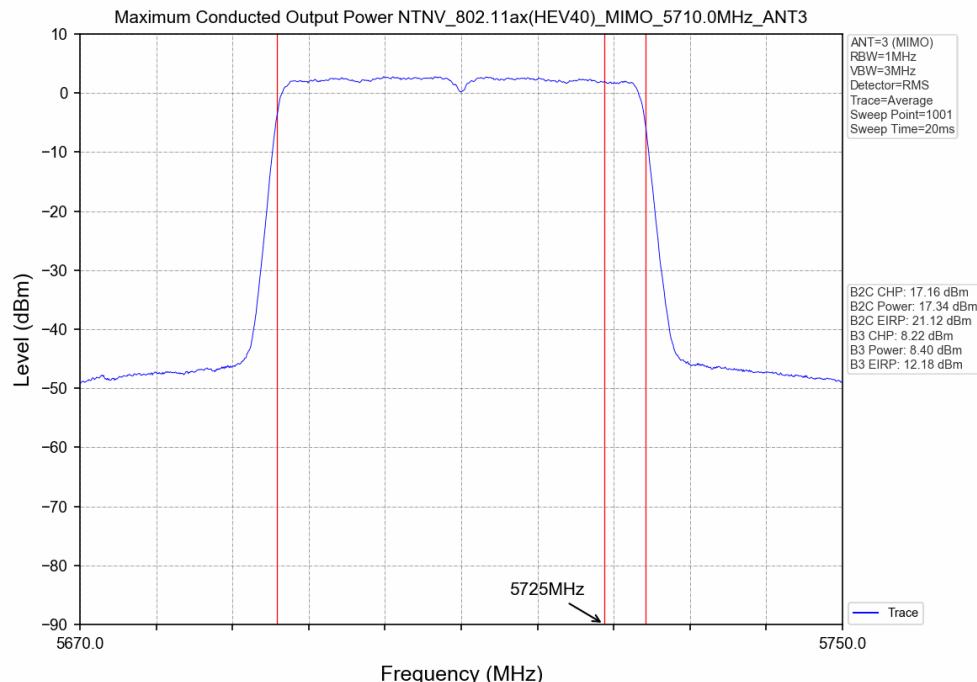
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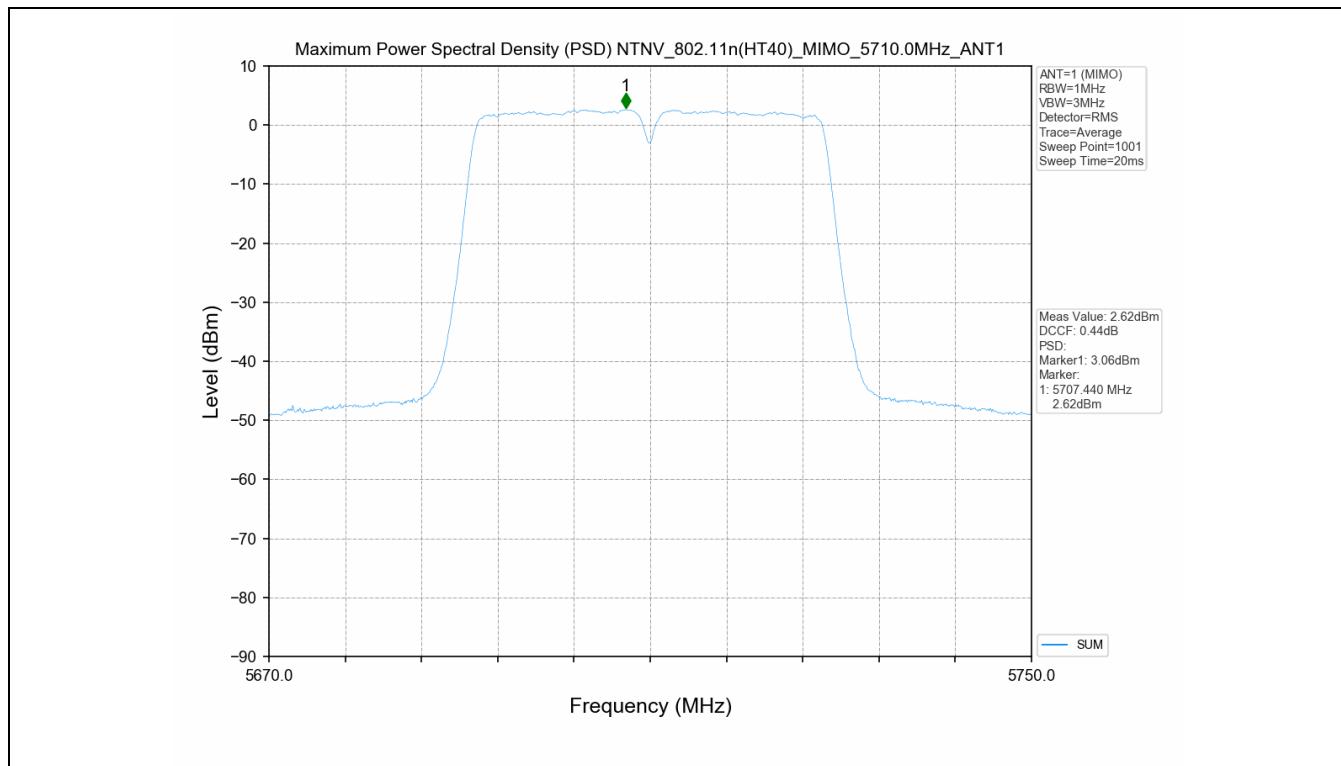


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**4. Maximum Power Spectral Density (PSD)****4.1 Test Result**

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)					Limits (dBm/MHz)	Verdict
			Ant 1	Ant 2	Ant 3	Ant 4	Total		
802.11n(HT40)	5710.0	MIMO	3.06	3.15	3.15	3.21	9.03	≤10.15	PASS
802.11ac(VHT40)	5710.0	MIMO	3.08	3.14	3.08	3.06	9.05	≤10.15	PASS
802.11ax(HEV40)	5710.0	MIMO	3.22	2.98	2.97	2.97	8.97	≤10.15	PASS

**4.2 Test Graph**

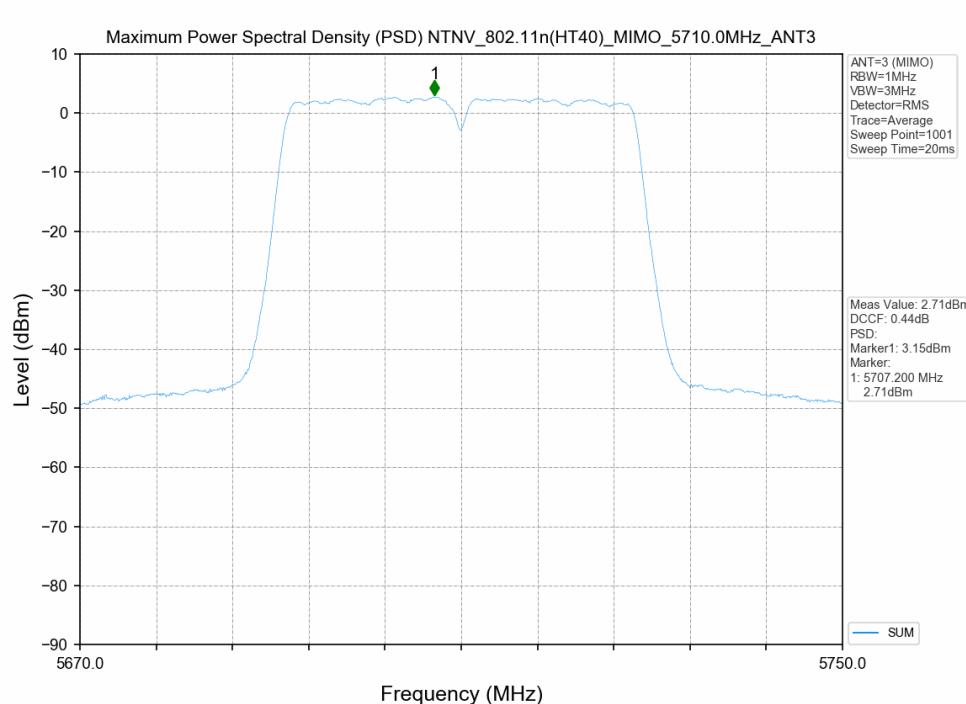
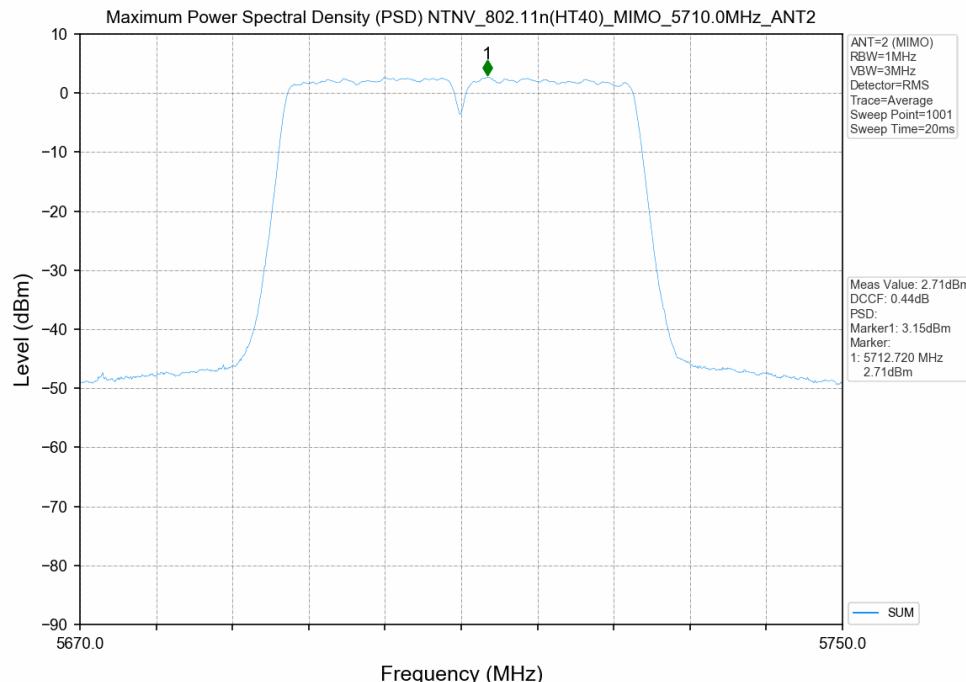
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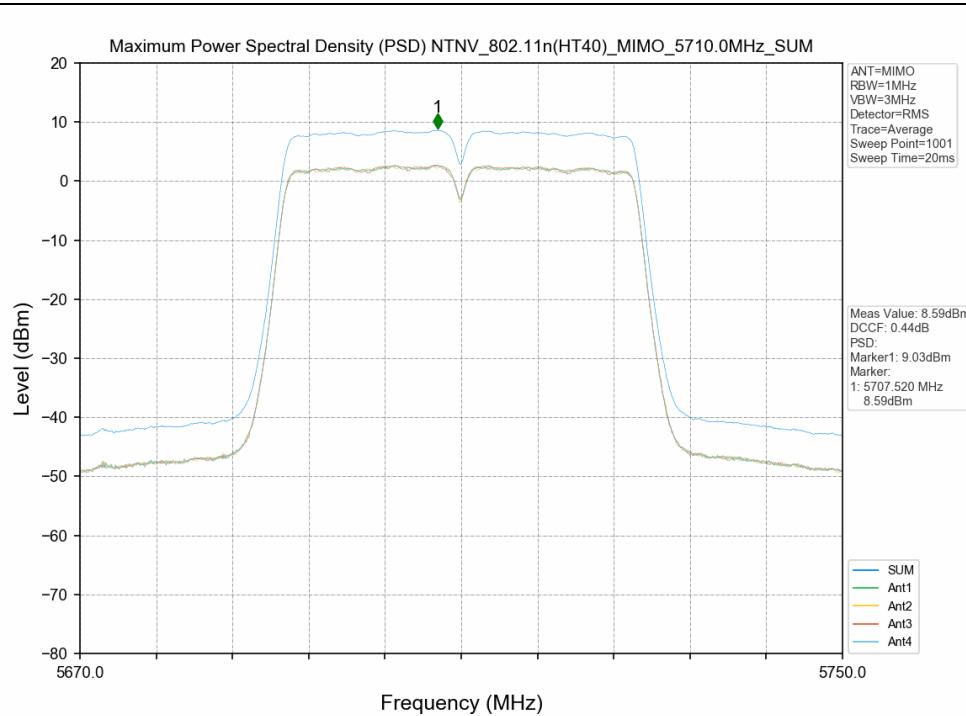
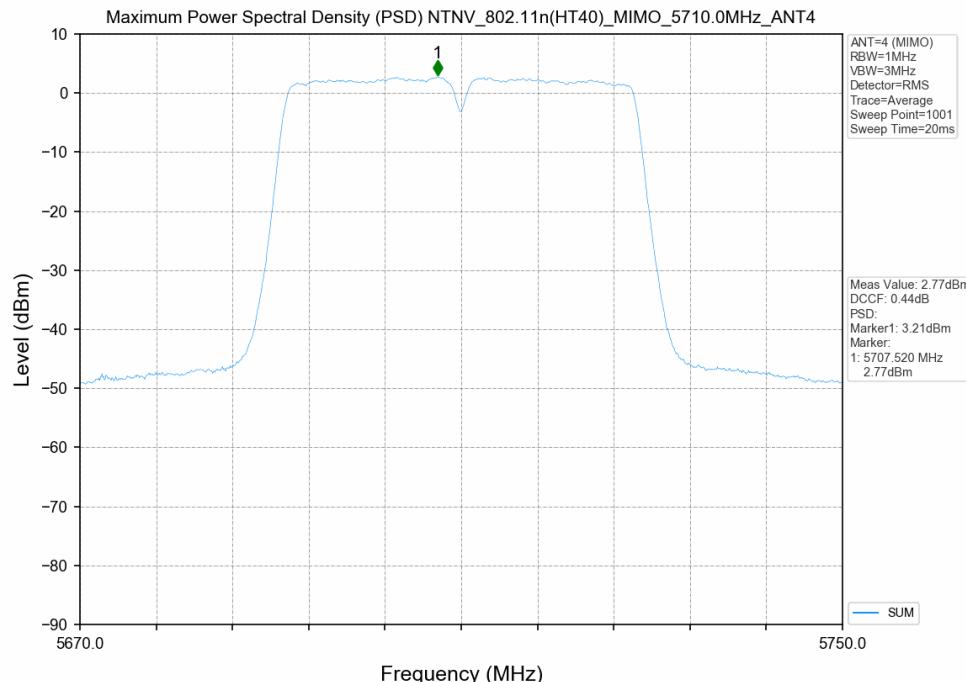
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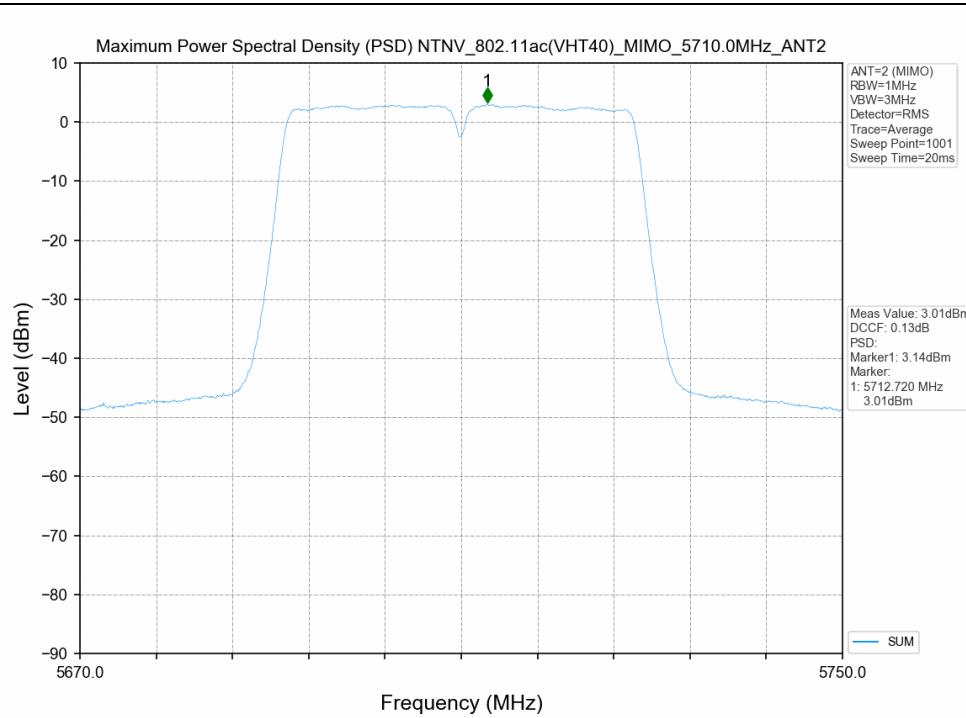
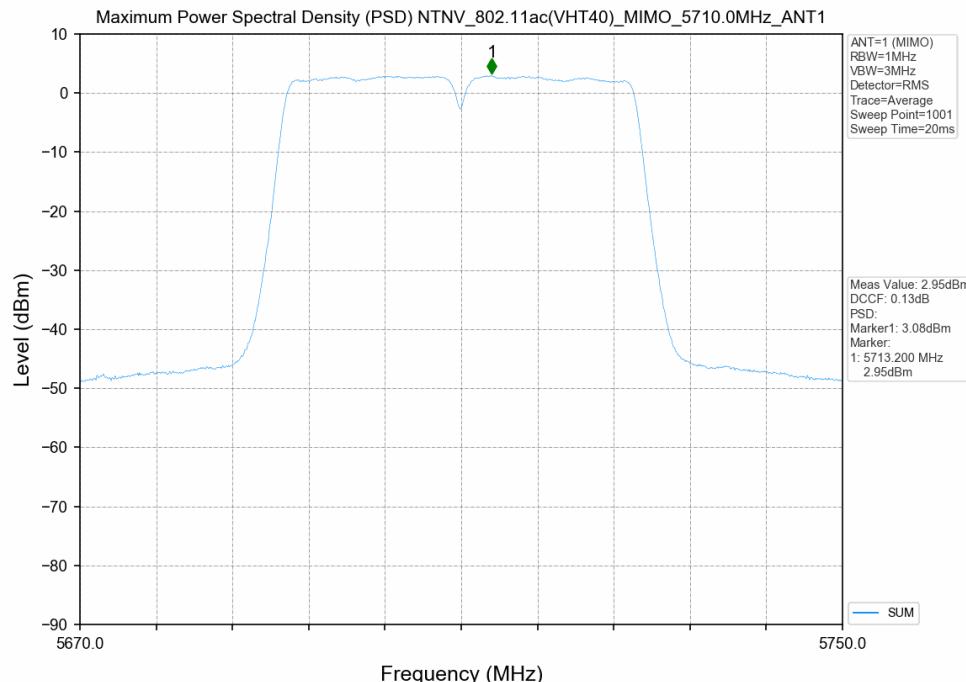
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