

Report No.: SZEM201201295502

Page: 224 of 266

#### 3. Maximum Conducted Output Power

#### 3.1 Test Result

Test Mode	Frequency (MHz)	Тх Туре	Measured Av	erage Output	1.1 - 2(- (-1 <b>D</b> )	N/ am Pat	
			Ant 1	Ant 2	Total	Limits (dBm)	Verdict
802.11b	2412	SISO	18.43	16.57	/	30	PASS
	2437	SISO	13.60	14.26	/	30	PASS
	2462	SISO	17.86	17.15	/	30	PASS
802.11g	2412	SISO	16.48	14.81	/	30	PASS
	2437	SISO	12.28	12.95	/	30	PASS
	2462	SISO	17.04	15.82	/	30	PASS
802.11n(HT20)	2412	MIMO	15.79	14.39	18.16	30	PASS
	2437	MIMO	11.87	12.78	15.36	30	PASS
	2462	MIMO	16.12	15.25	18.72	30	PASS
802.11n(HT40)	2422	MIMO	13.21	12.56	15.91	30	PASS
	2437	MIMO	12.79	12.96	15.89	30	PASS
	2452	MIMO	12.29	11.47	14.91	30	PASS

Note: Since the number of transmit antennas is less than 4, Array gain=0dB.

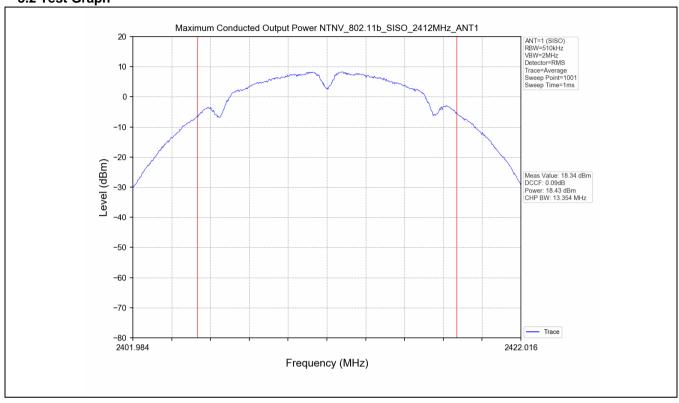


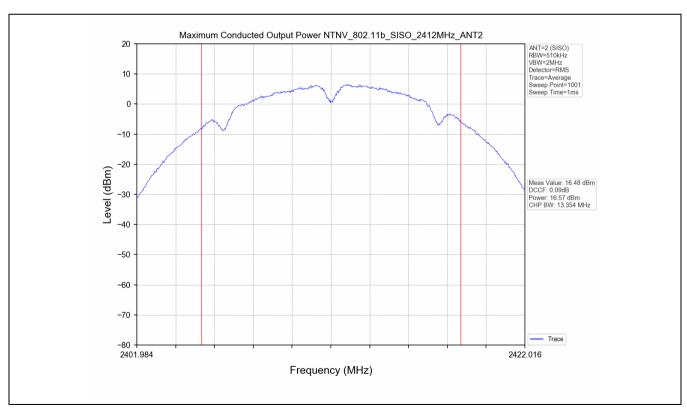


Report No.: SZEM201201295502

Page: 225 of 266

#### 3.2 Test Graph







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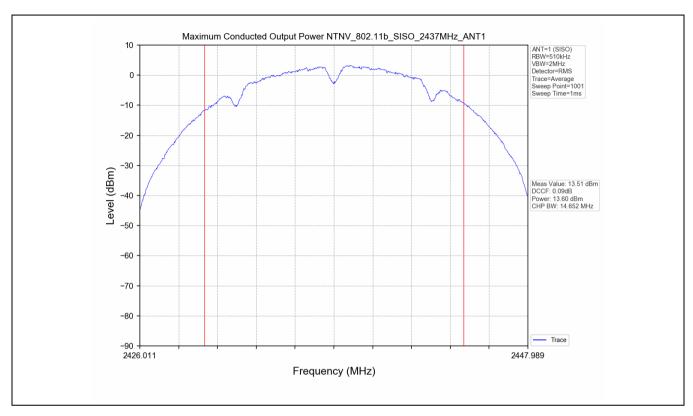
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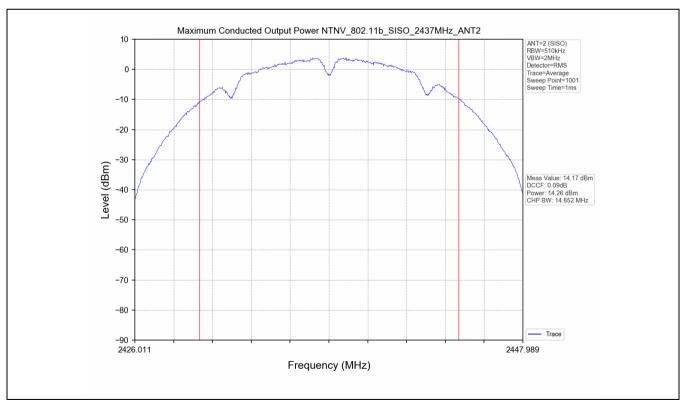
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Report No.: SZEM201201295502

226 of 266 Page:







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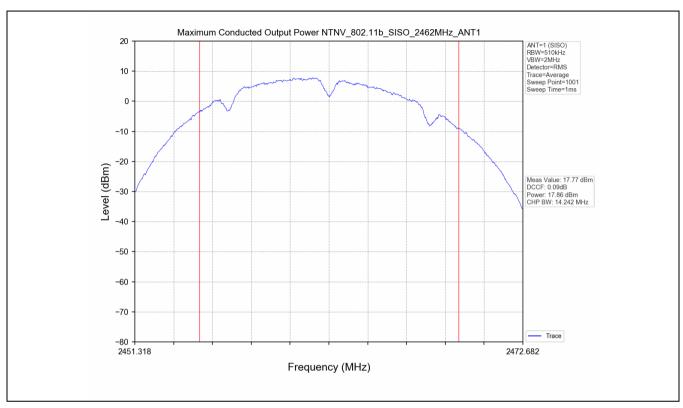
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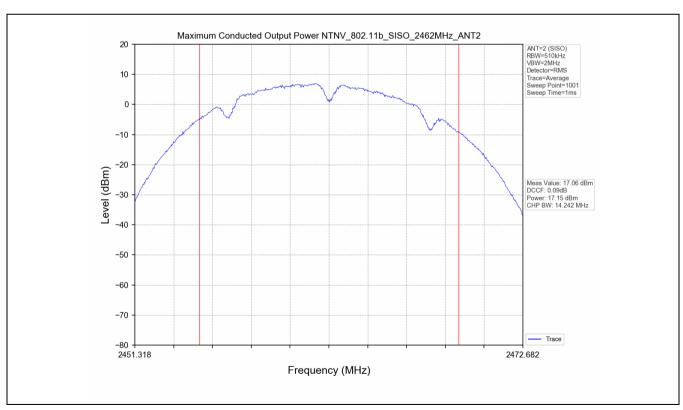
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Page: 227 of 266







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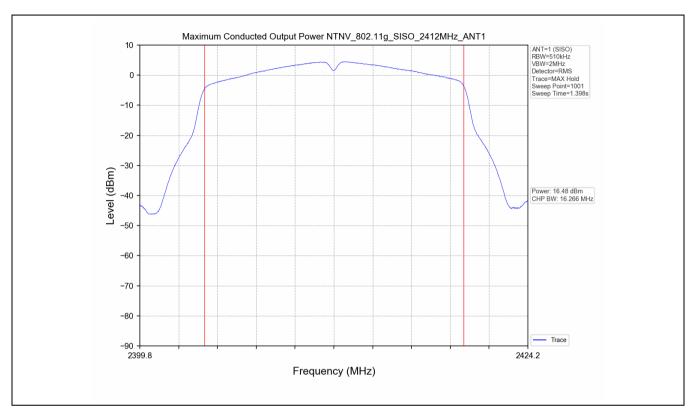
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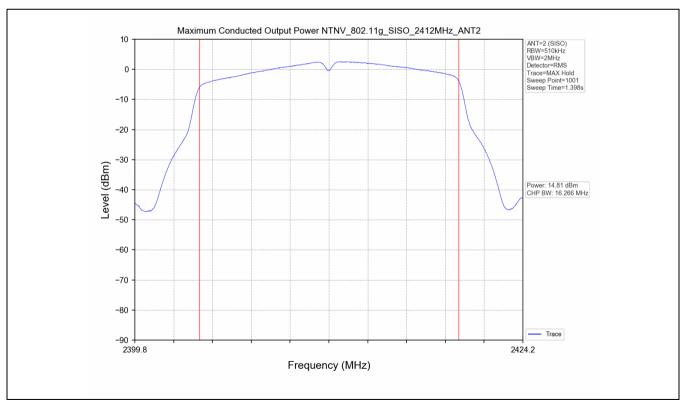
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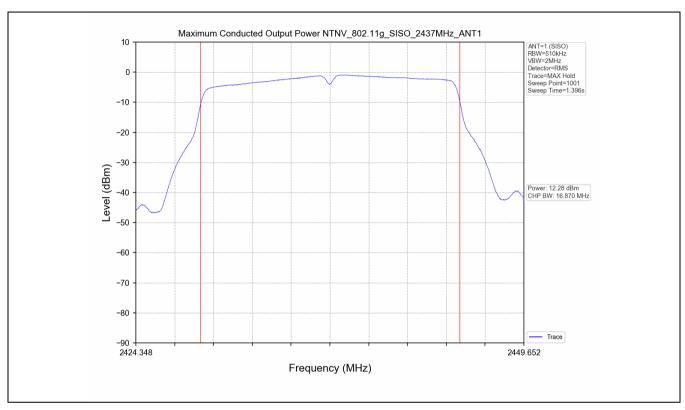
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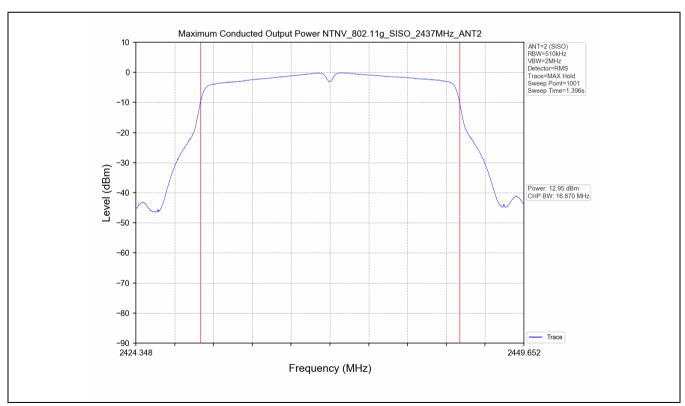
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Page: 229 of 266







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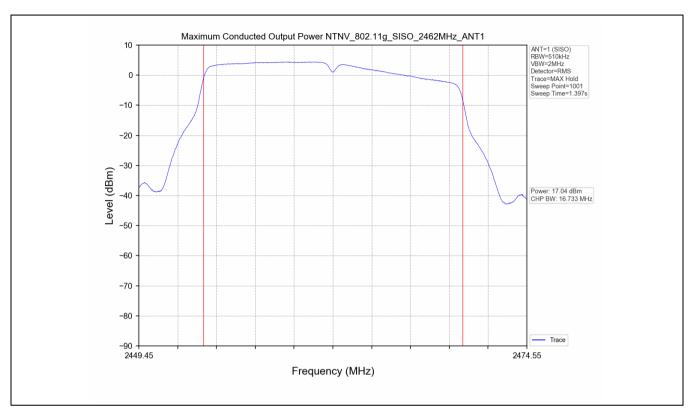
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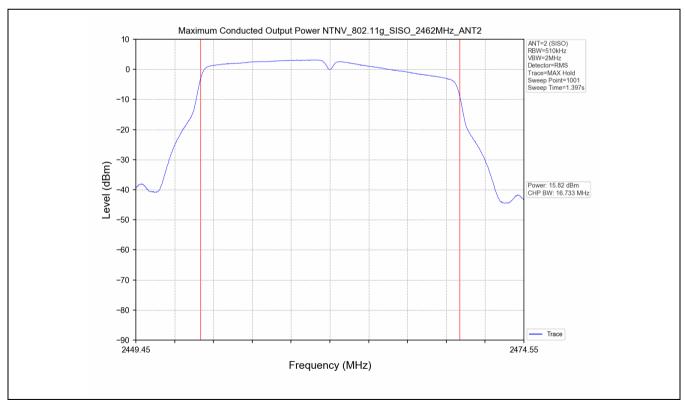
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Page: 230 of 266







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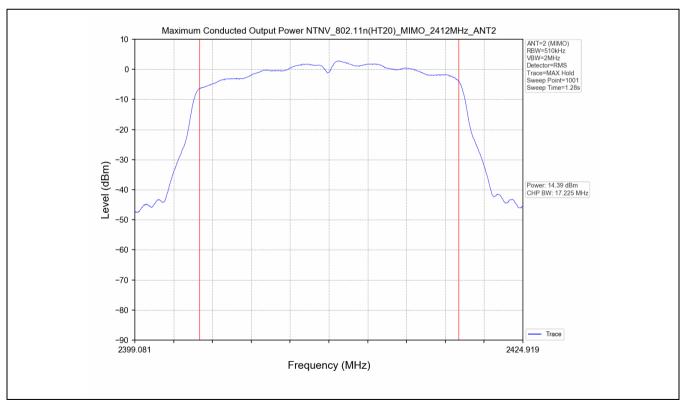
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Page: 231 of 266







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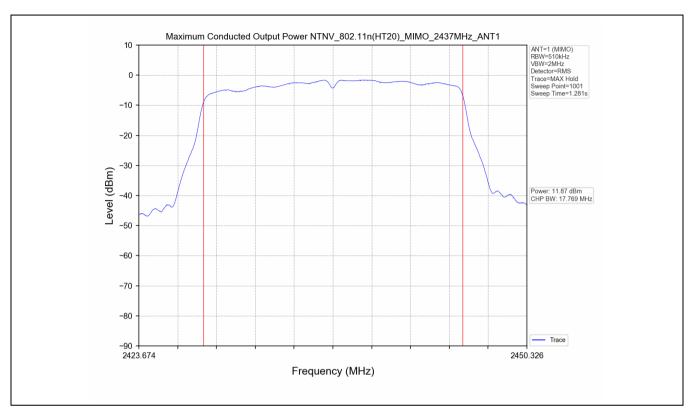
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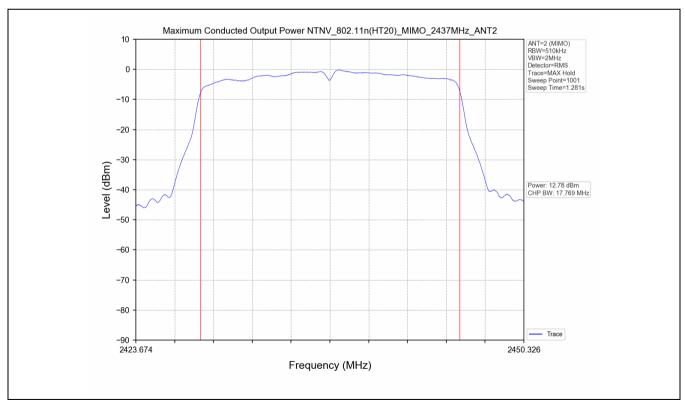
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Page: 232 of 266







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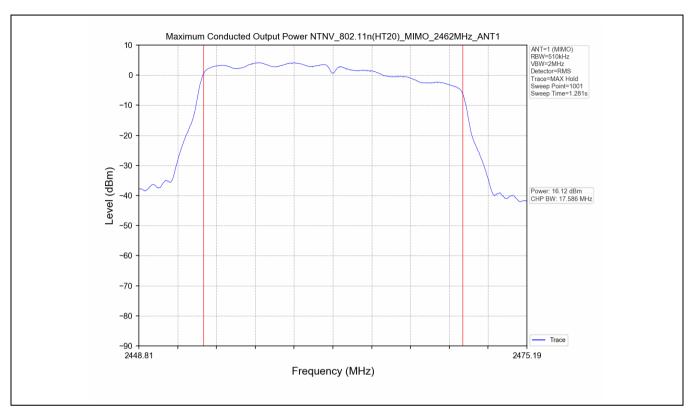
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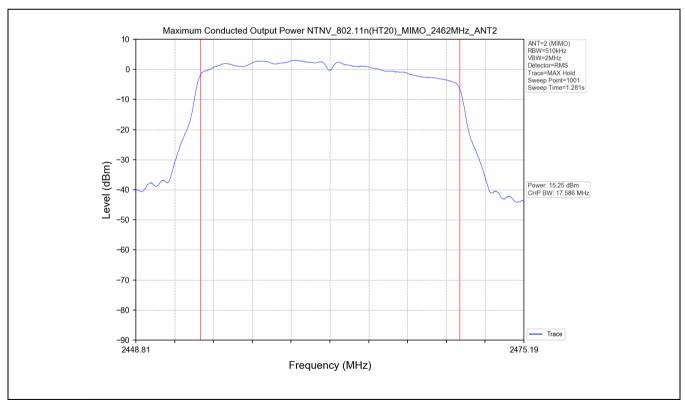
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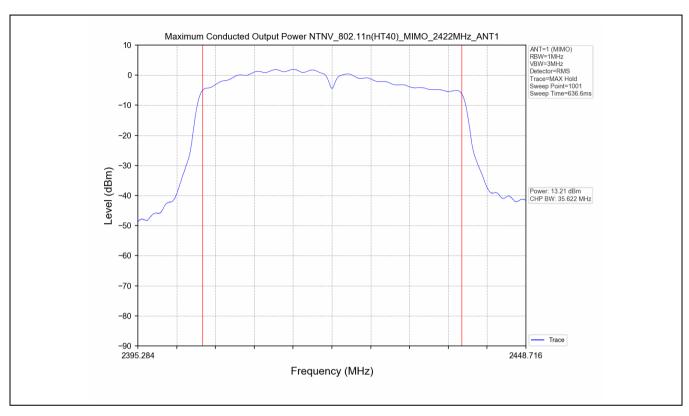
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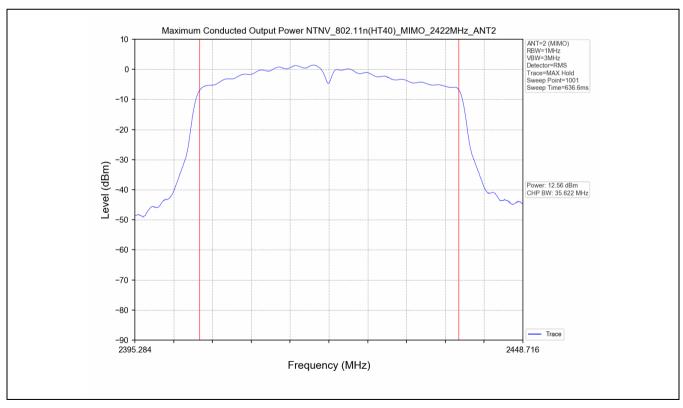
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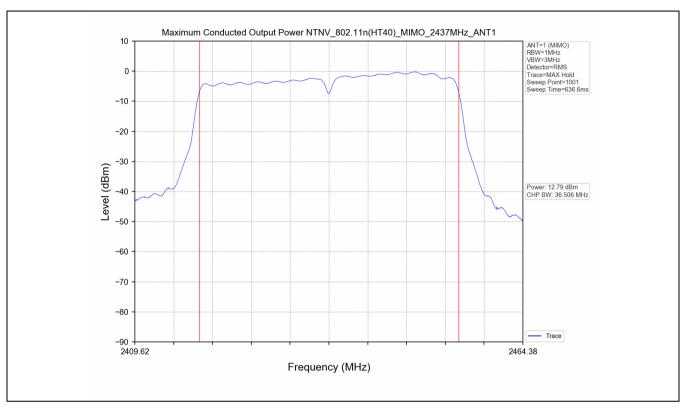
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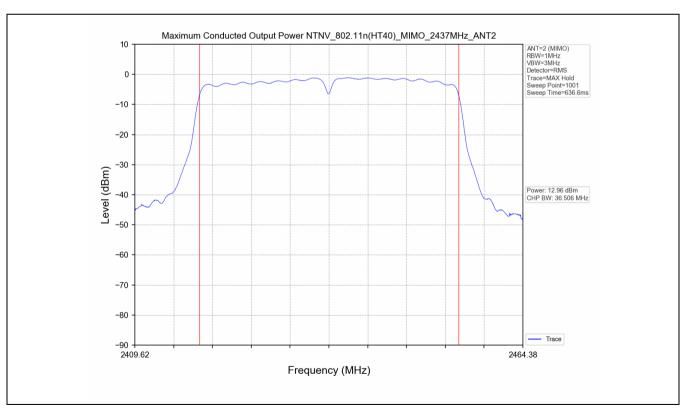
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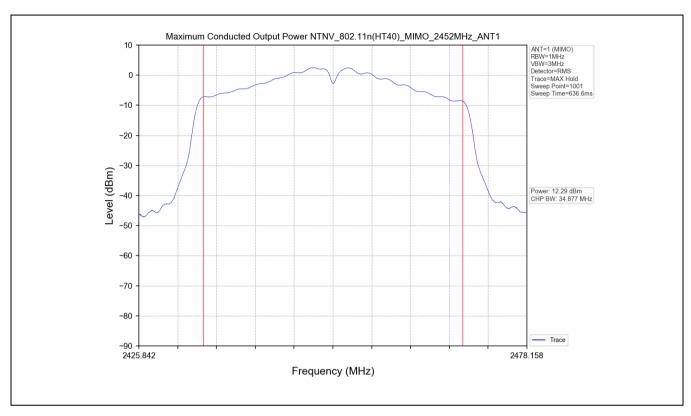
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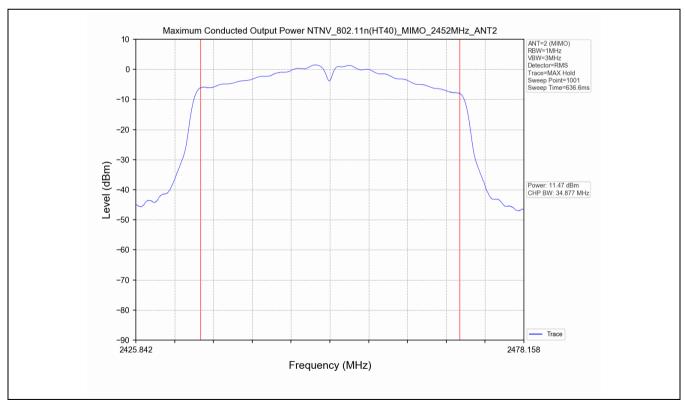
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Report No.: SZEM201201295502

Page: 236 of 266







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Report No.: SZEM201201295502

Page: 237 of 266

#### 4. Maximum Power Spectral Density (PSD)

#### 4.1 Test Result

Test Mode	Frequency (MHz)	Тх Туре	Maximum Power Spectral Density (dBm/3KHz)			Limits (dBm/3kHz)		Verdict
			Ant 1	Ant 2	Total	SISO	MIMO	
802.11b	2412	SISO	7.40	4.61	/	≤8	/	PASS
	2437	SISO	1.93	2.02	/	≤8	/	PASS
	2462	SISO	7.83	2.19	/	≤8	/	PASS
802.11g	2412	SISO	-8.80	-10.54	/	≤8	/	PASS
	2437	SISO	-14.85	-13.64	/	≤8	/	PASS
	2462	SISO	-8.76	-10.62	/	≤8	/	PASS
802.11n(HT20)	2412	MIMO	-9.86	-10.09	-7.25	/	≤7.99	PASS
	2437	MIMO	-14.39	-13.33	-11.44	/	≤7.99	PASS
	2462	MIMO	-9.34	-9.87	-7.19	/	≤7.99	PASS
802.11n(HT40)	2422	MIMO	-12.77	-13.83	-10.25	/	≤7.99	PASS
	2437	MIMO	-16.11	-16.69	-13.62	/	≤7.99	PASS
	2452	MIMO	-13.39	-14.65	-11.26	/	≤7.99	PASS

Note: Directional gain=Gant + Array gain= GAnt + 10\*log(NAnt/Nss) = 3.0+10\*log(2/1) =6.01dBi.



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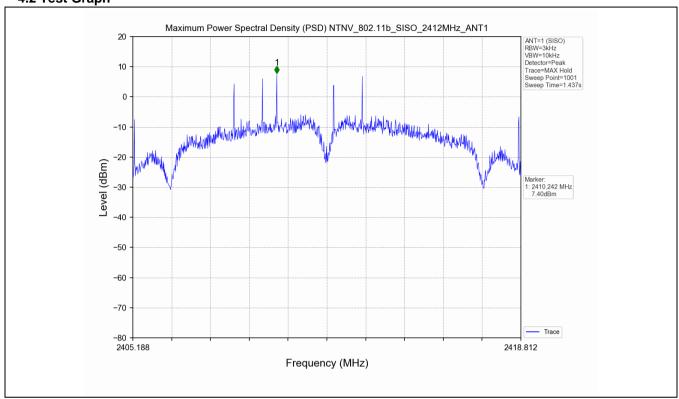
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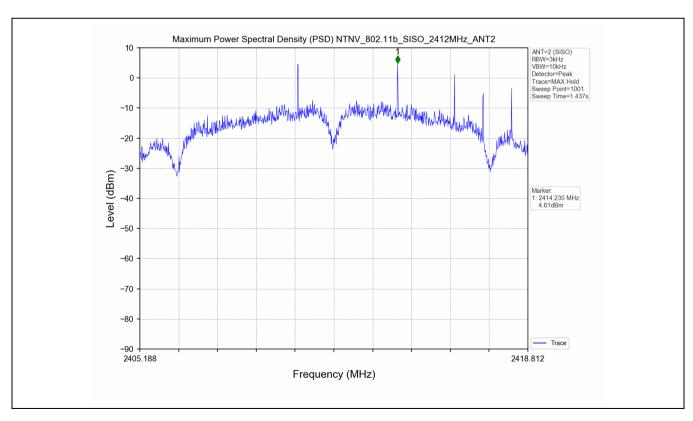


Report No.: SZEM201201295502

Page: 238 of 266

#### 4.2 Test Graph







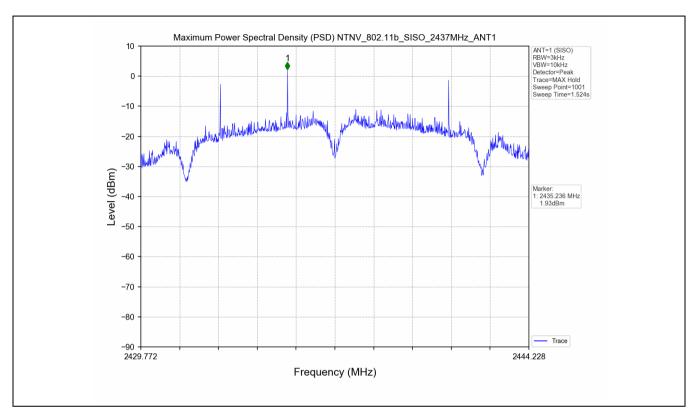
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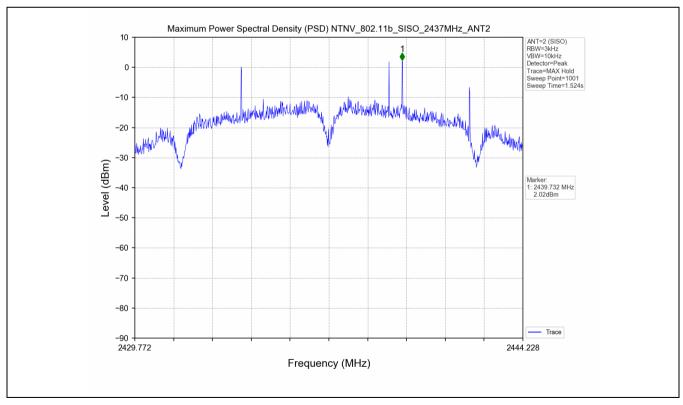
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Page: 239 of 266







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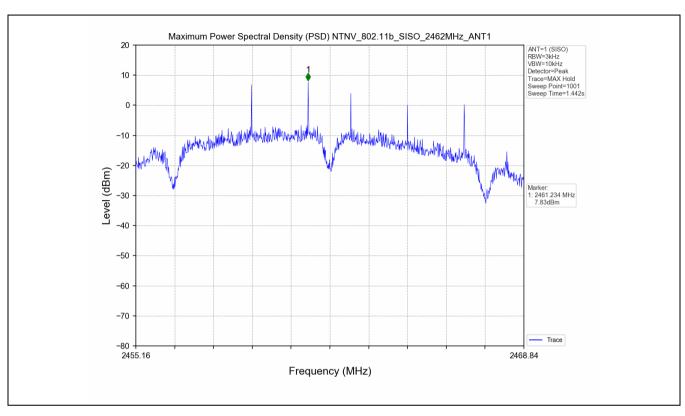
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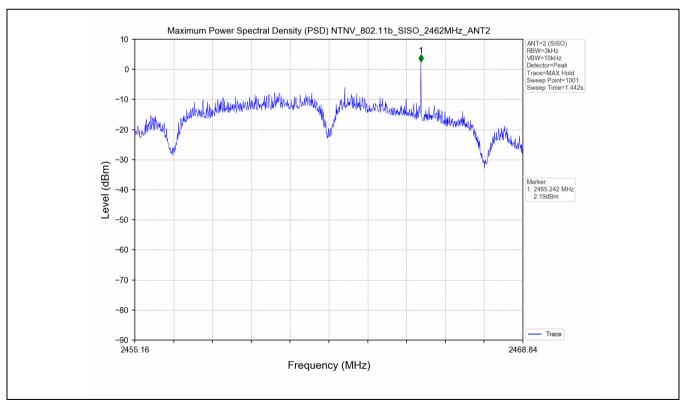
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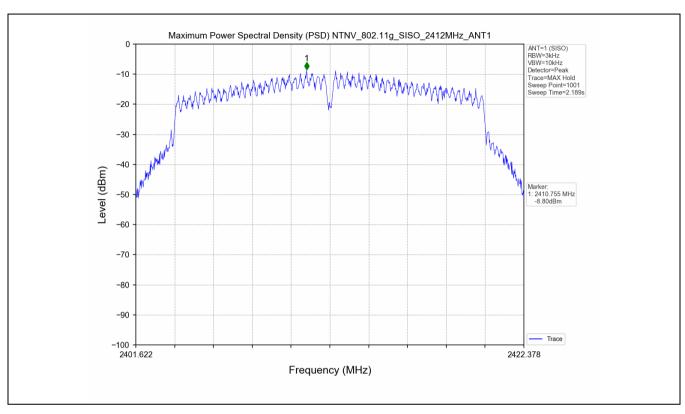
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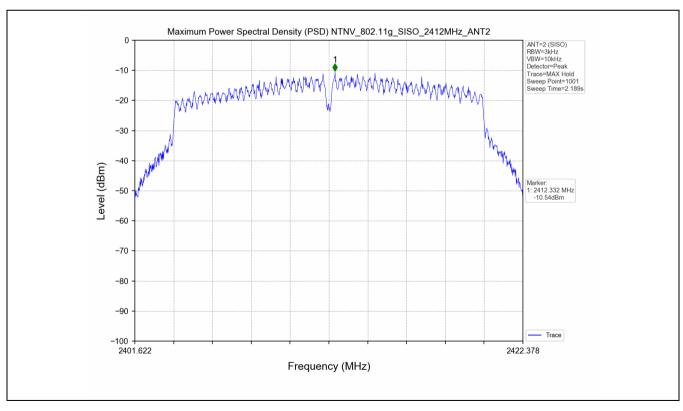
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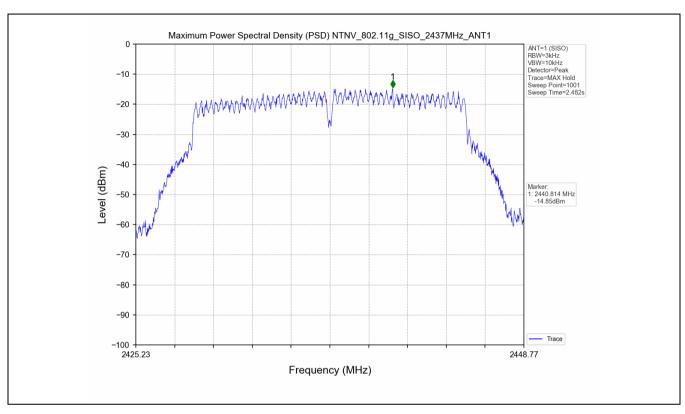
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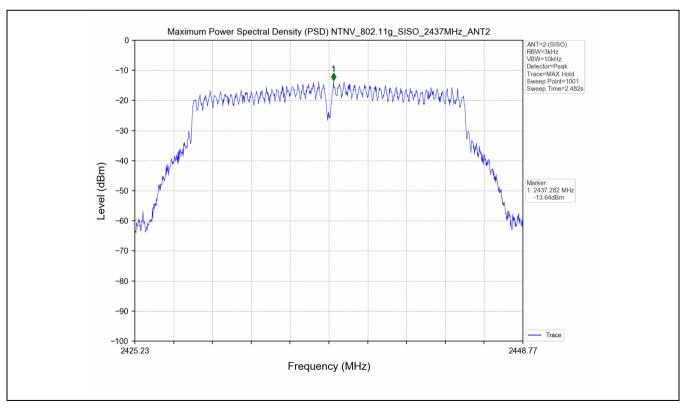
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Report No.: SZEM201201295502

Page: 242 of 266







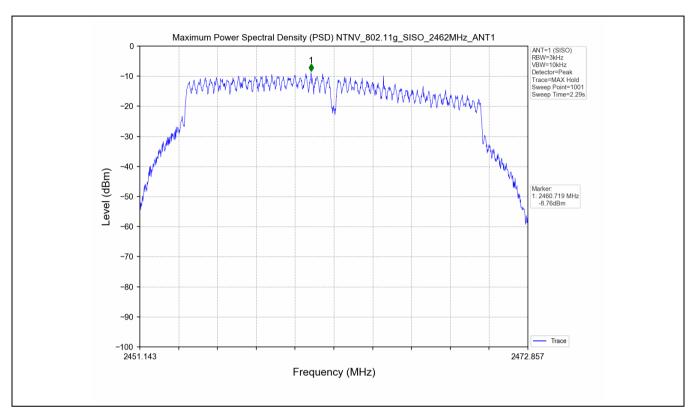
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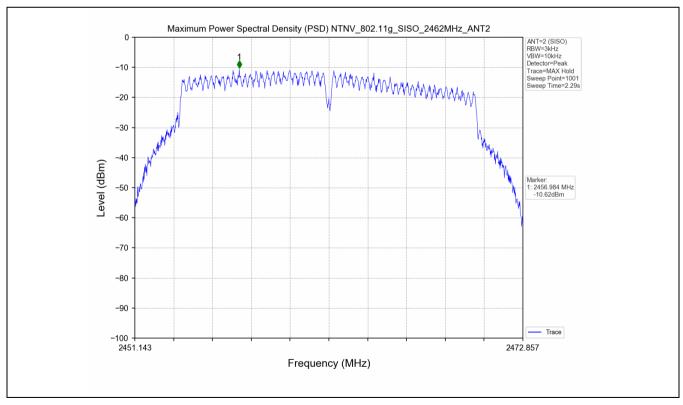
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Page: 243 of 266







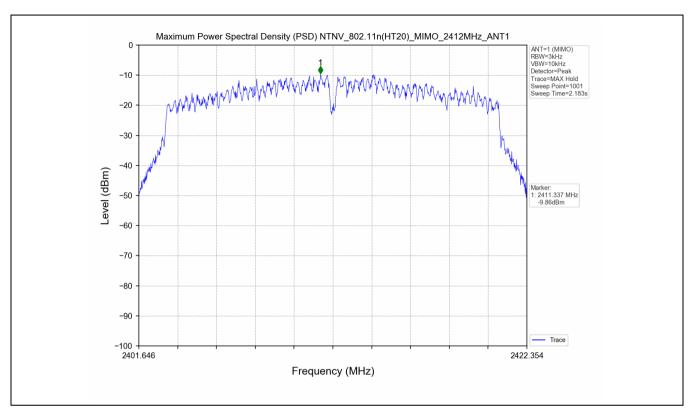
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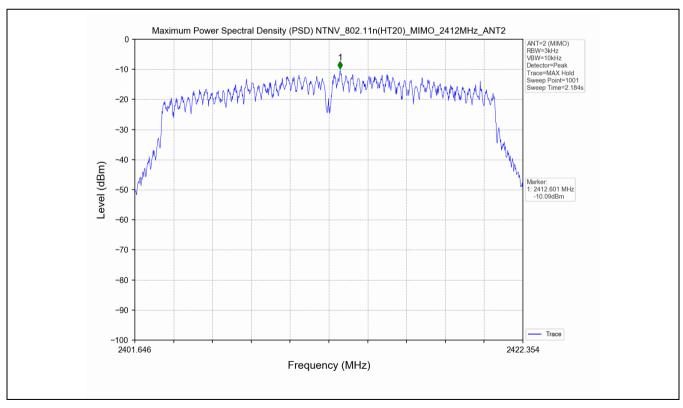
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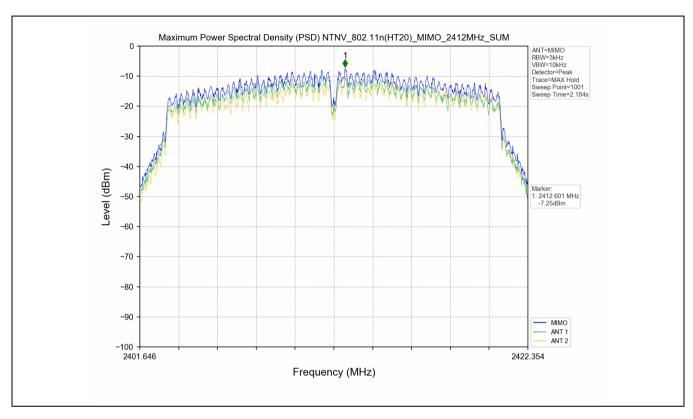
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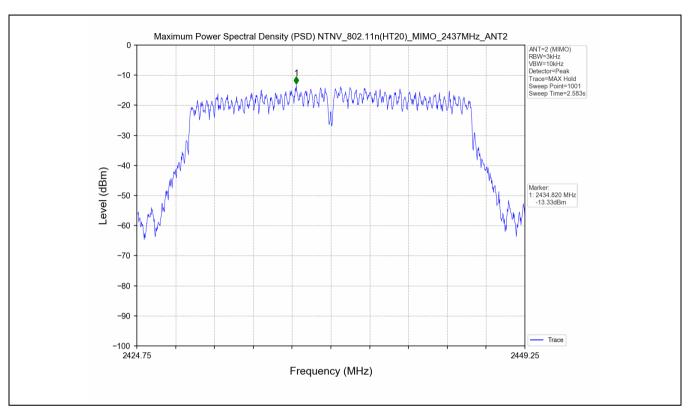
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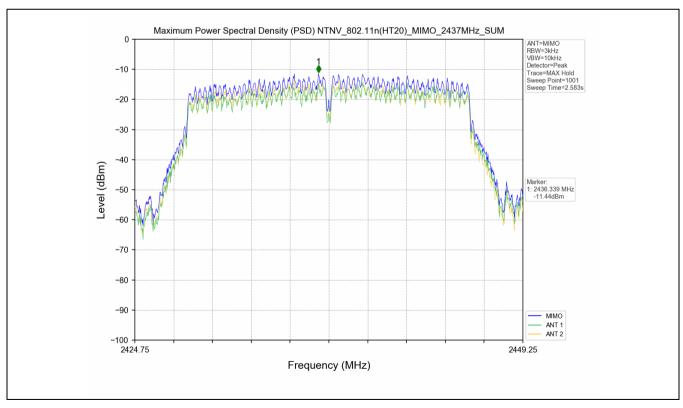
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246 of 266 Page:







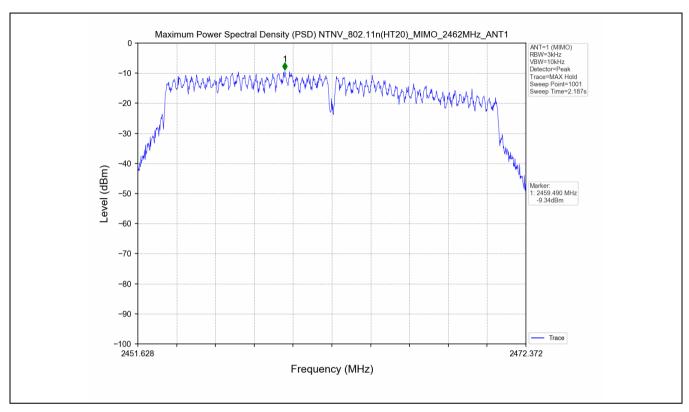
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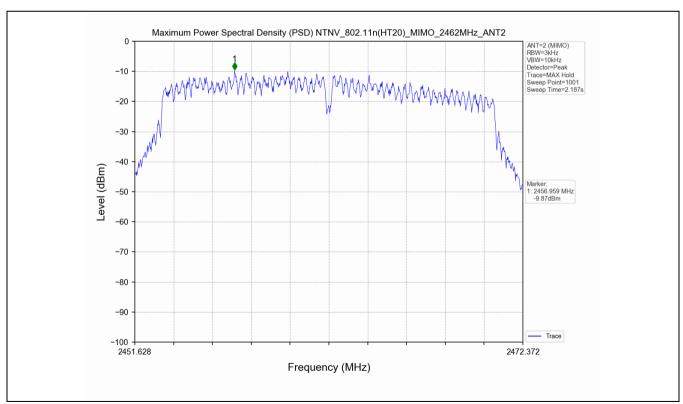
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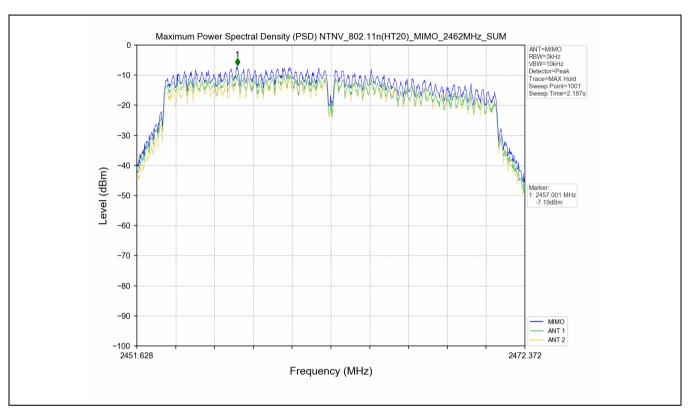
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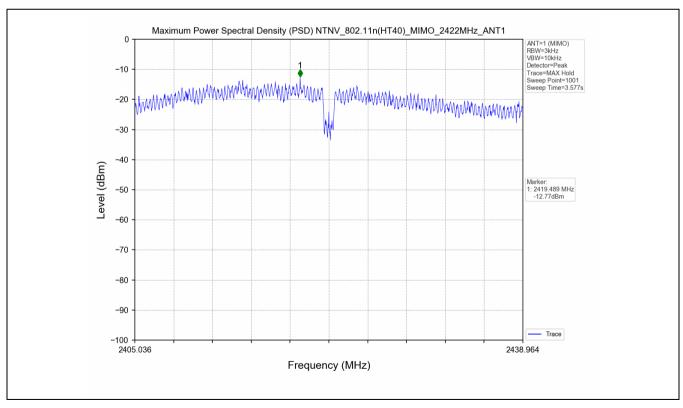
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Page: 248 of 266







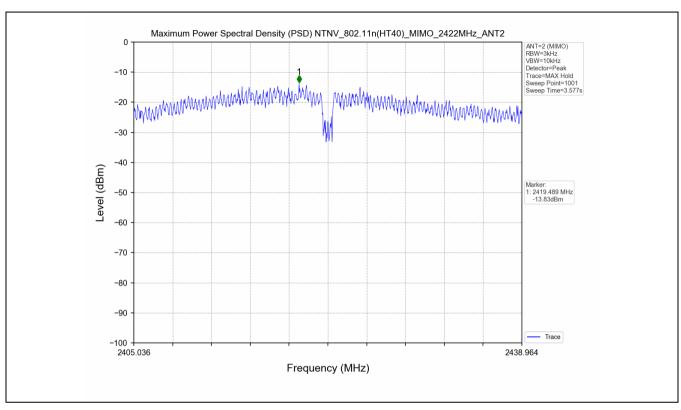
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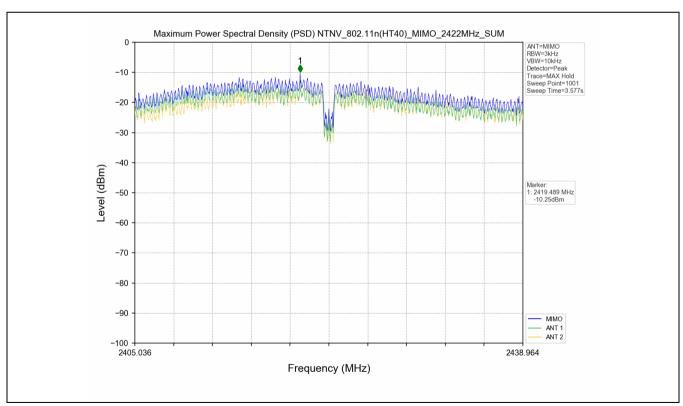
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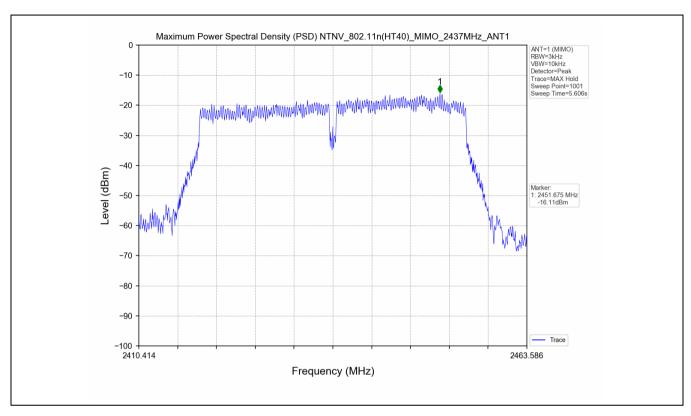
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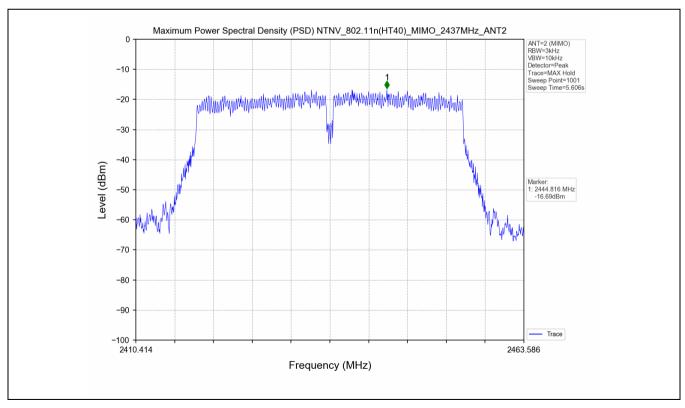


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Report No.: SZEM201201295502

250 of 266 Page:







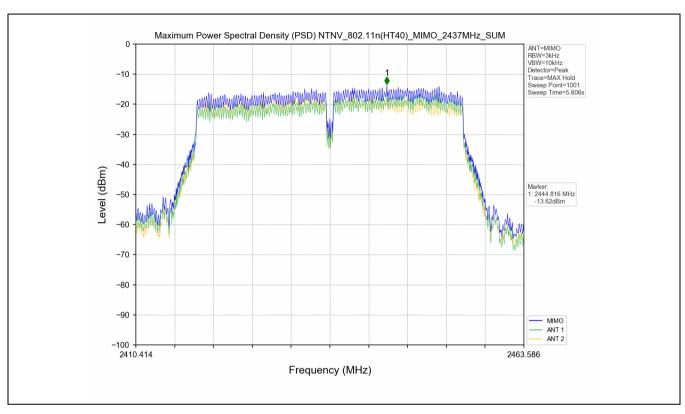
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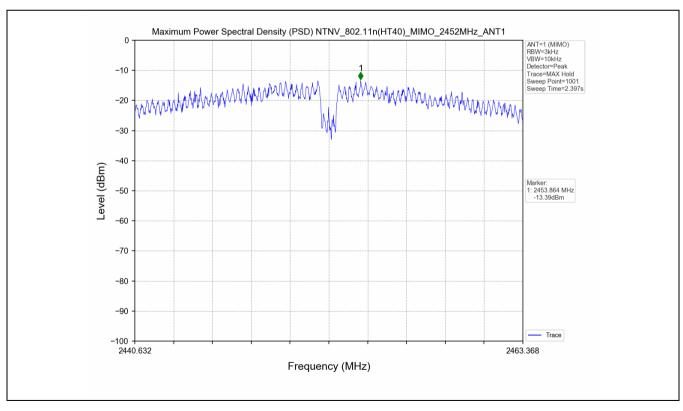
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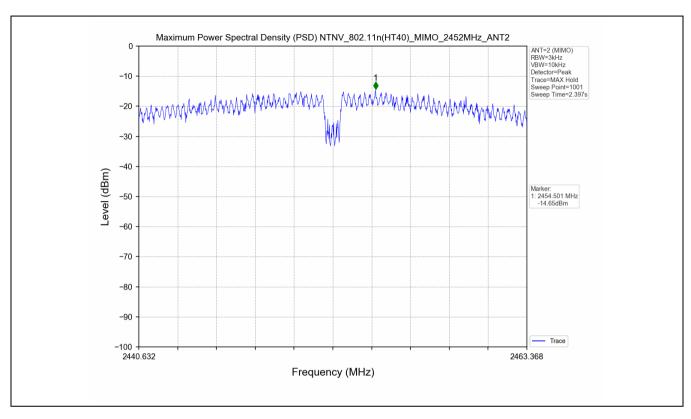
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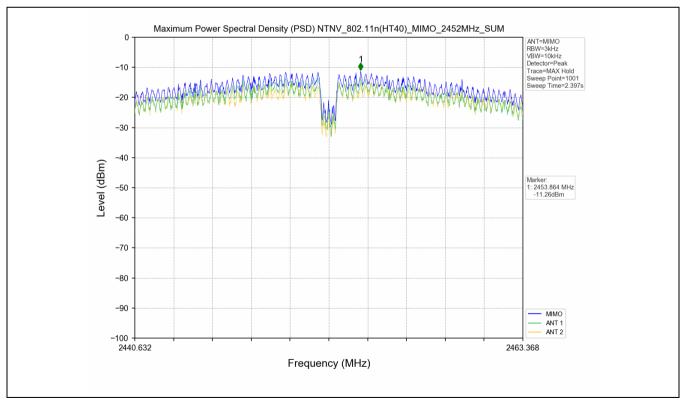
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Page: 252 of 266







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Report No.: SZEM201201295502

Page: 253 of 266

#### 5. Unwanted Emissions in Non-restricted Frequency Bands

#### 5.1 Test Result

Test Mode	Frequency (MHz)	TX Type	ANT No.	Spurious Conducted Emission (dBm)	Limits (dBm)	Verdict
802.11b	2412	SISO	1	Refer to test graph	-20.25	PASS
	2437	SISO	1	Refer to test graph	-20.25	PASS
	2462	SISO	1	Refer to test graph	-20.25	PASS
802.11g	2412	SISO	1	Refer to test graph	-22.52	PASS
	2437	SISO	1	Refer to test graph	-22.52	PASS
	2462	SISO	1	Refer to test graph	-22.52	PASS
802.11n(HT20)	2412	MIMO	MIMO	Refer to test graph	-22.45	PASS
	2437	MIMO	MIMO	Refer to test graph	-22.45	PASS
	2462	MIMO	MIMO	Refer to test graph	-22.45	PASS
802.11n(HT40)	2422	MIMO	MIMO	Refer to test graph	-26.93	PASS
	2437	MIMO	MIMO	Refer to test graph	-26.93	PASS
	2452	MIMO	MIMO	Refer to test graph	-26.93	PASS



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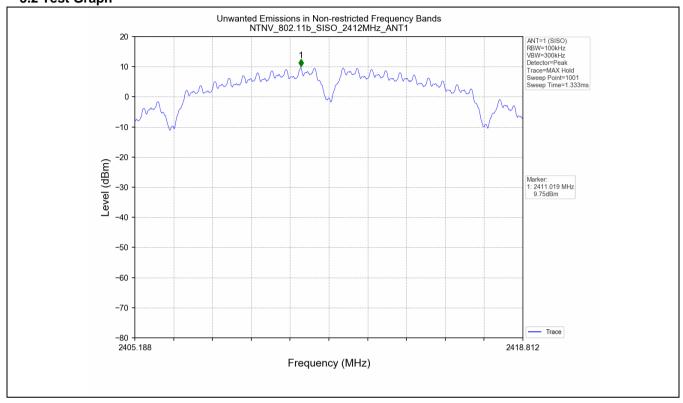
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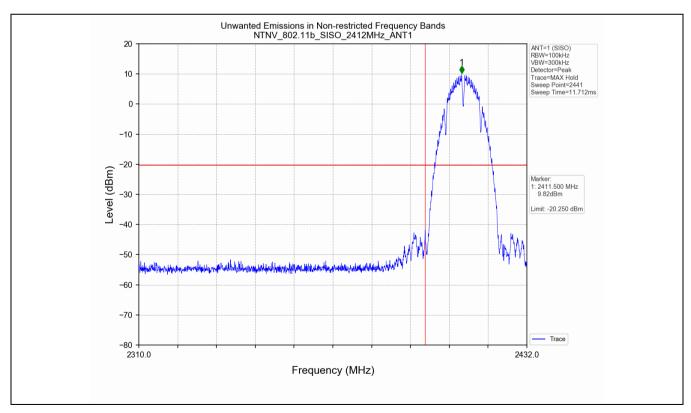


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Page: 254 of 266

5.2 Test Graph







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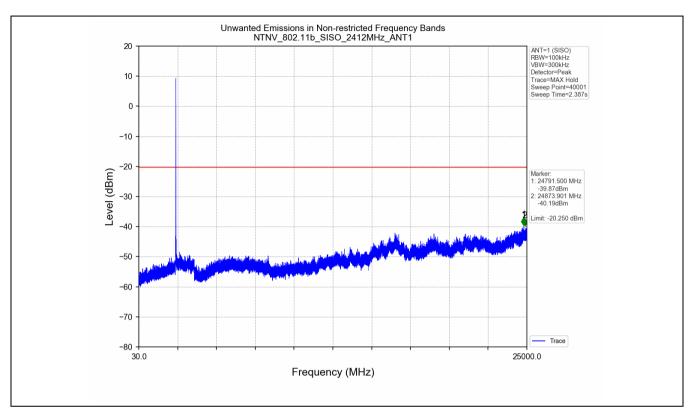
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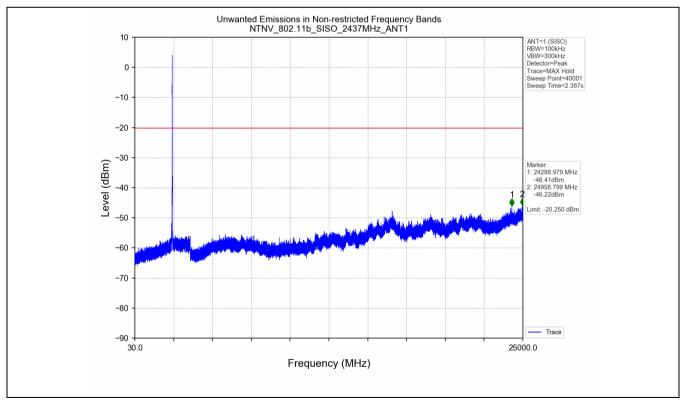
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255 of 266 Page:







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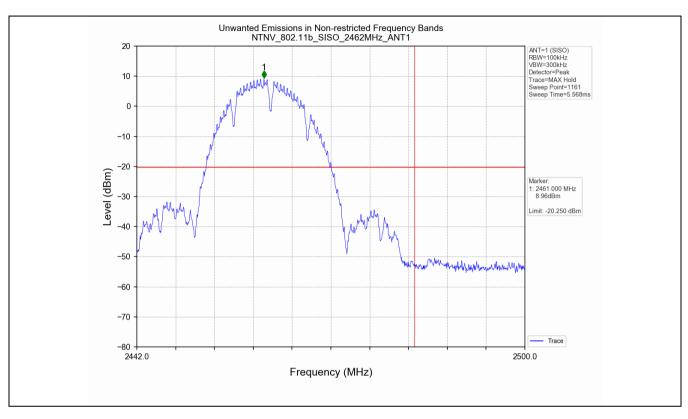
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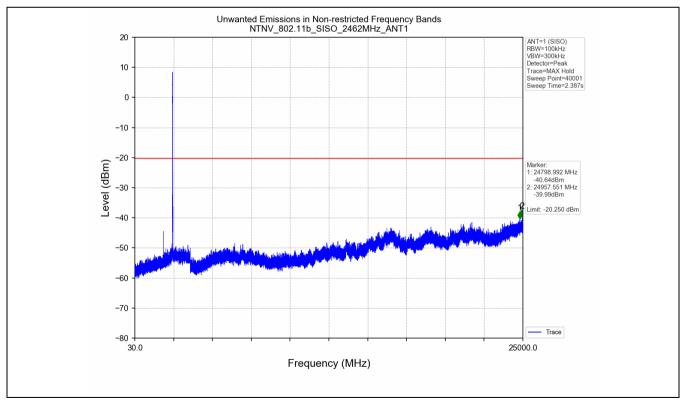
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256 of 266 Page:







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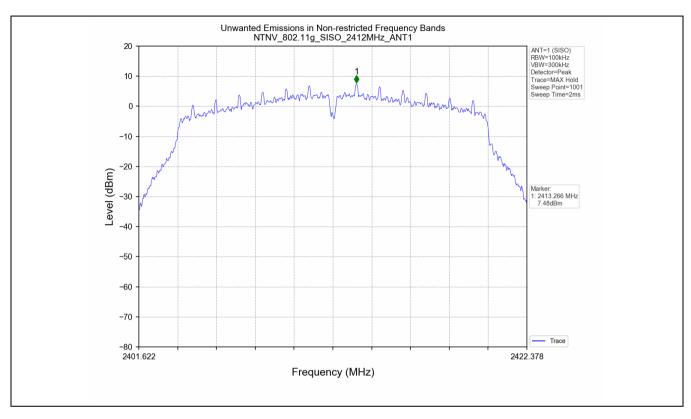
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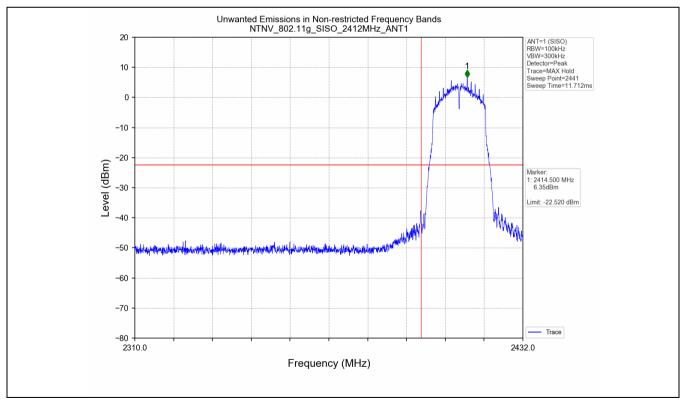
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257 of 266 Page:







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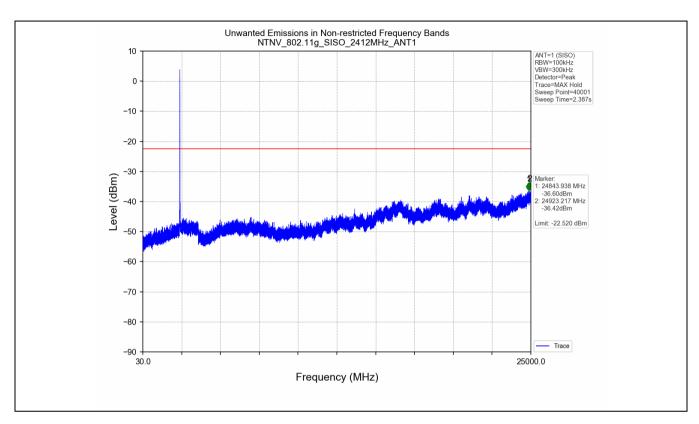
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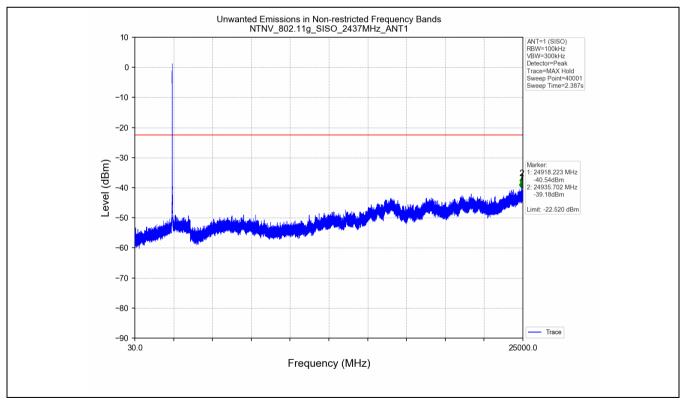
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Page: 258 of 266







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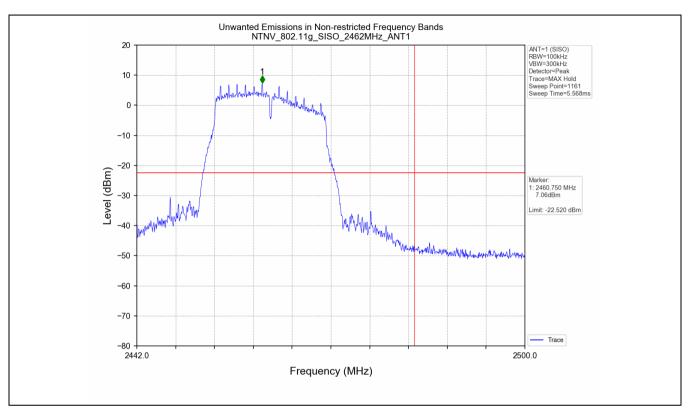
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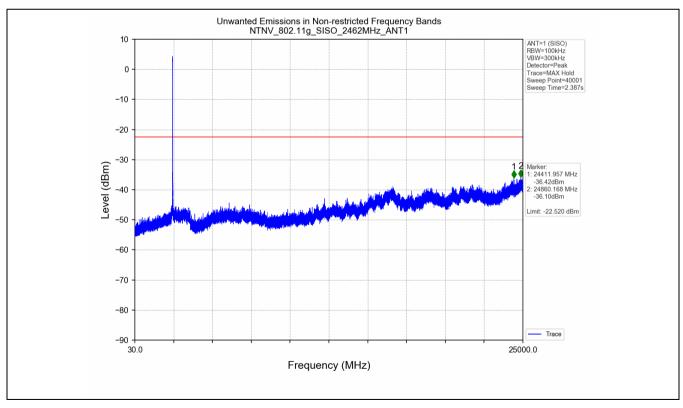
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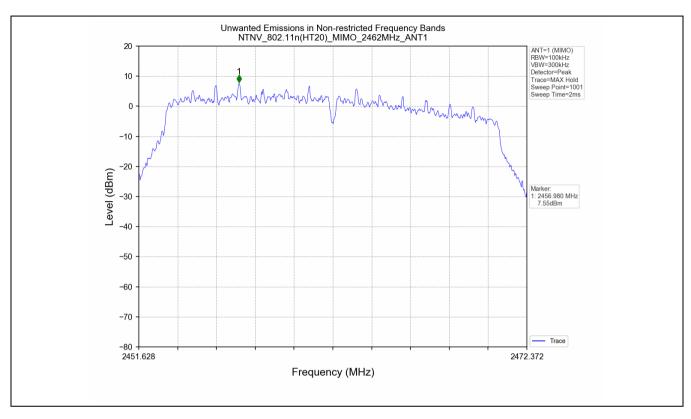
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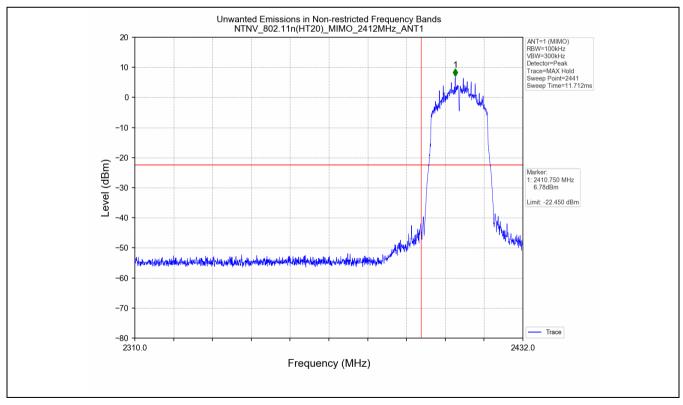
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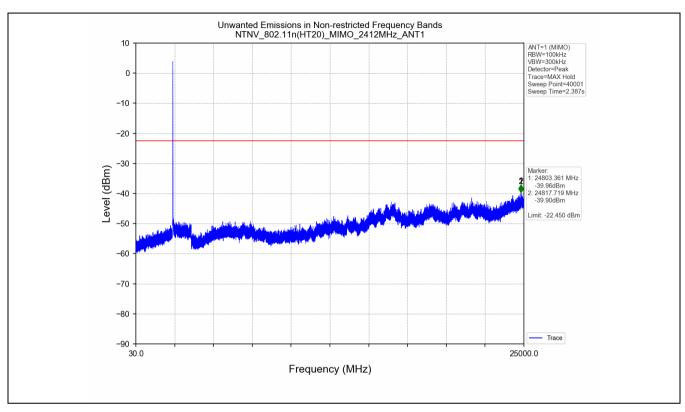
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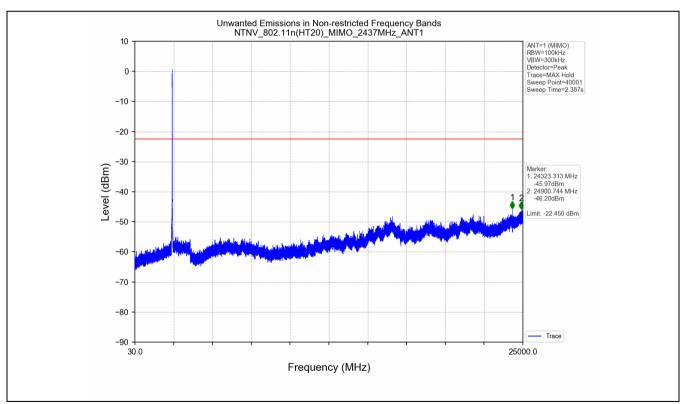
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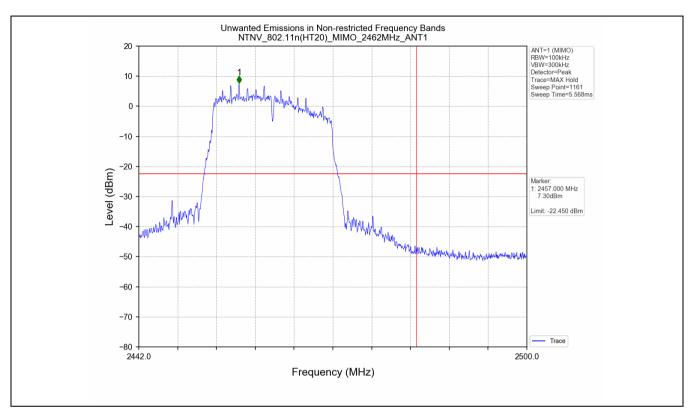
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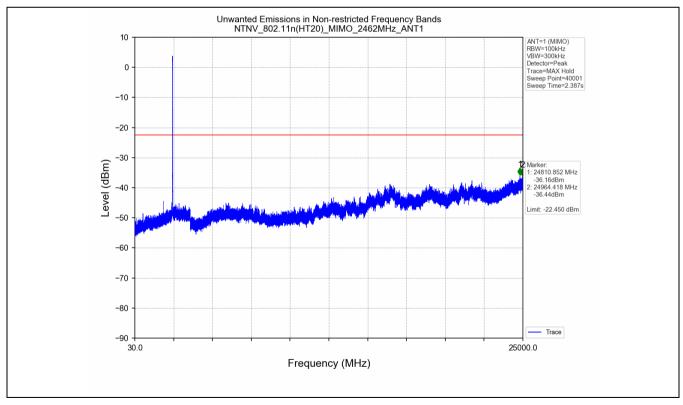
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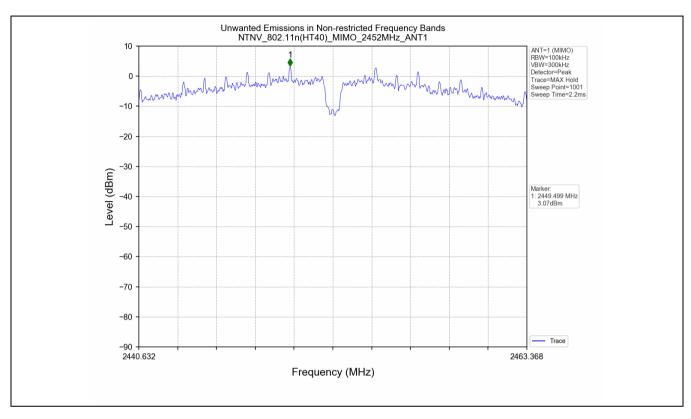
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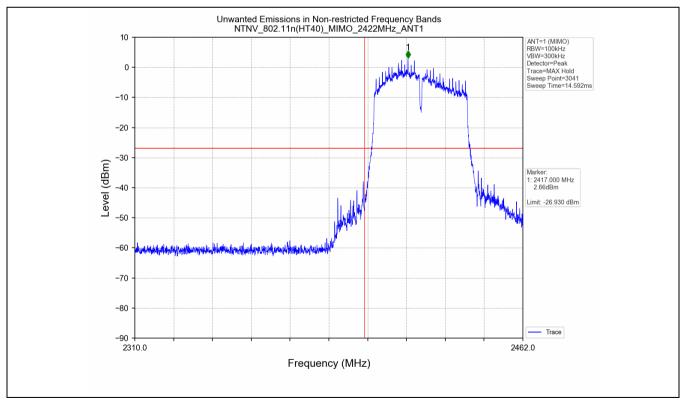
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Report No.: SZEM201201295502

Page: 263 of 266







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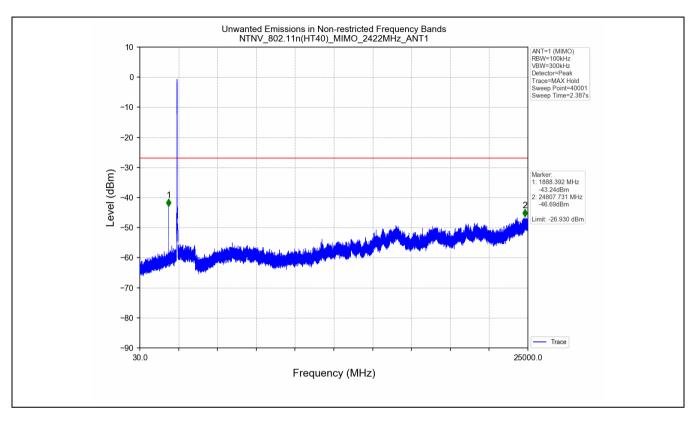
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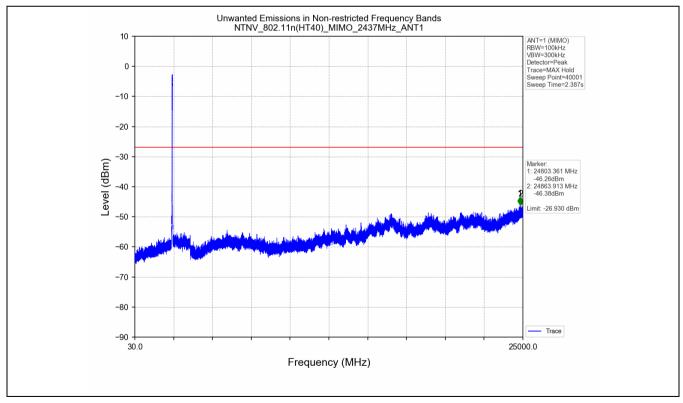
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264 of 266 Page:







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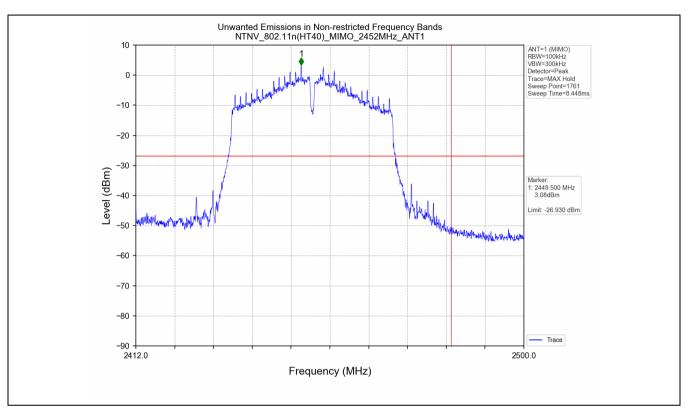
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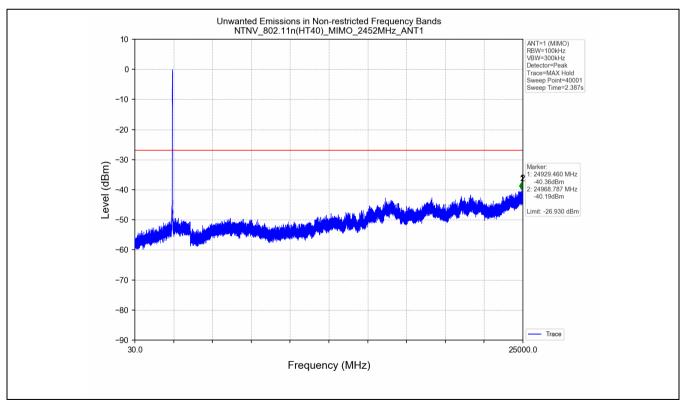
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Report No.: SZEM201201295502

265 of 266 Page:







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Report No.: SZEM201201295502

Page: 266 of 266

- End of the Report -



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