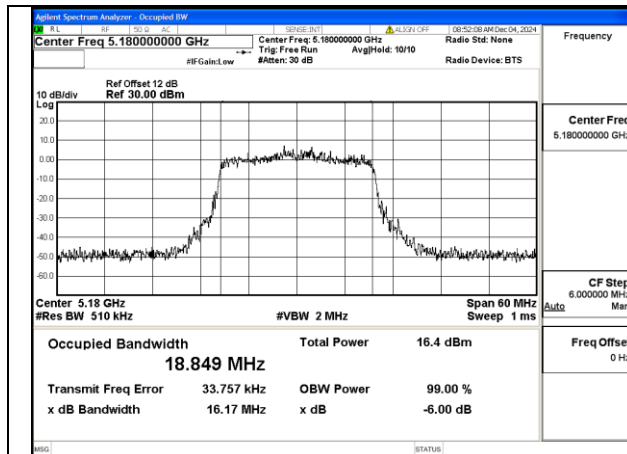




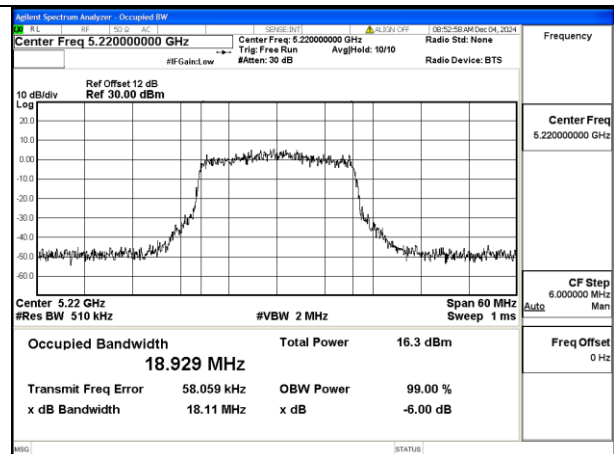
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No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

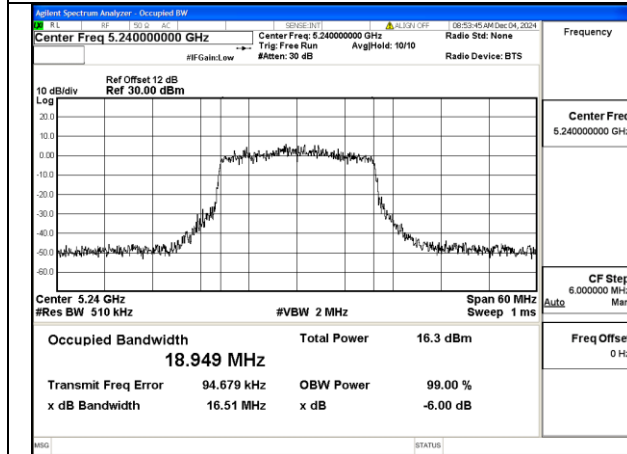
Test Mode: 802.11ax HE20



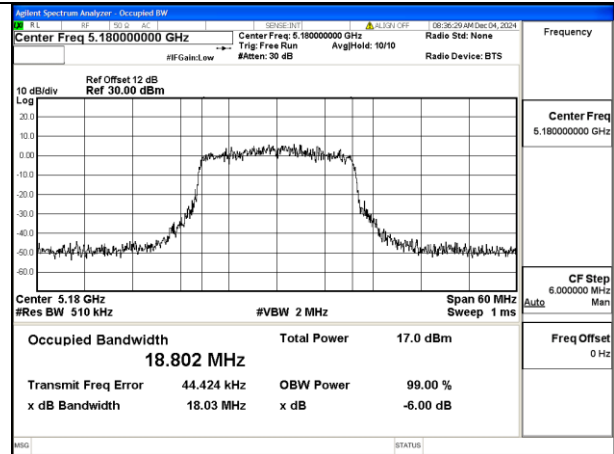
Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain0



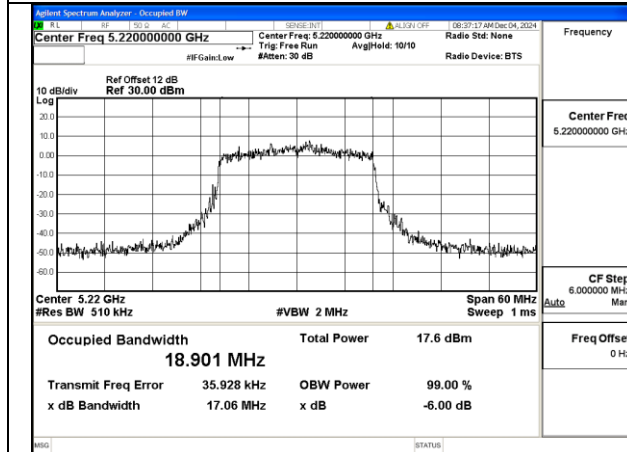
Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain0



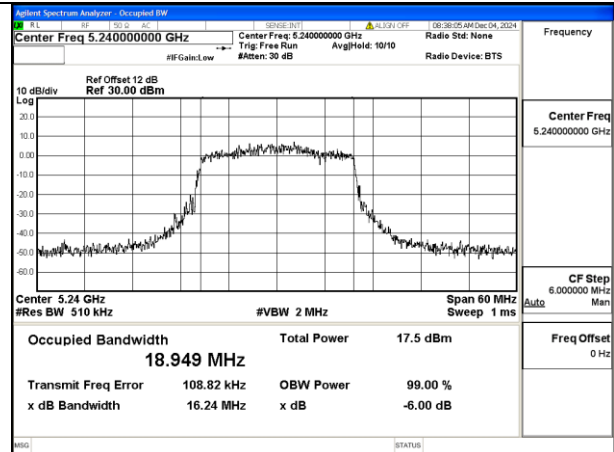
Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ax HE20 Frequency:5180MHz
Ant:Chain1



Mode:802.11ax HE20 Frequency:5220MHz
Ant:Chain1



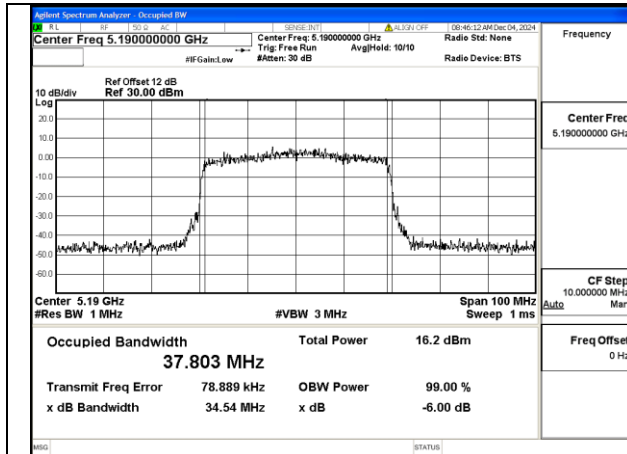
Mode:802.11ax HE20 Frequency:5240MHz
Ant:Chain1



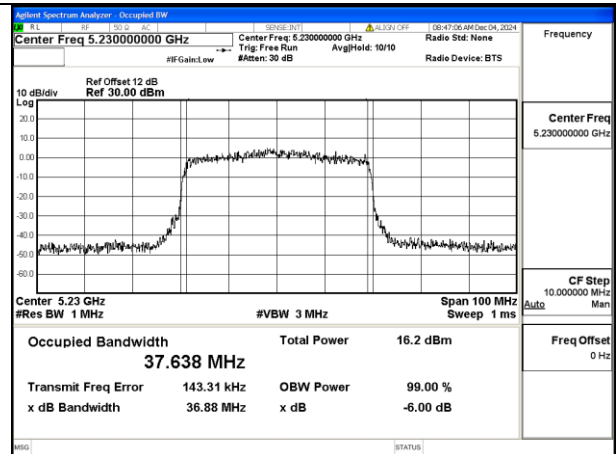
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No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

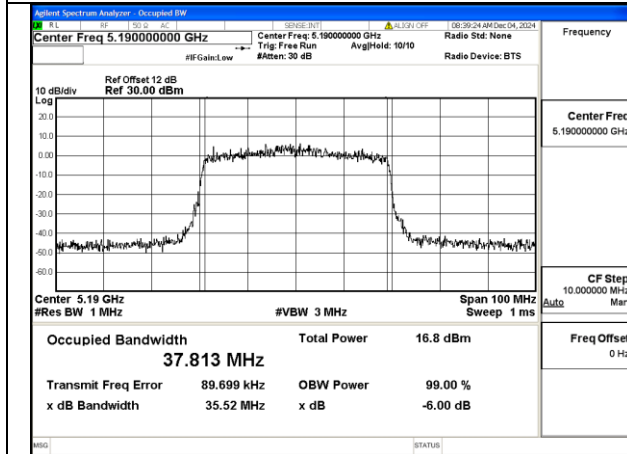
Test Mode: 802.11ax HE40



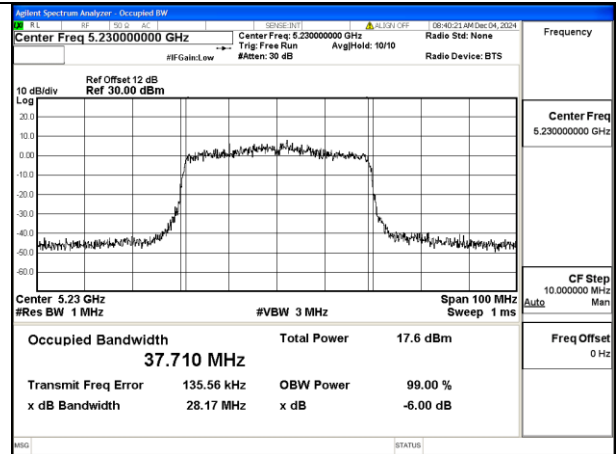
Mode:802.11ax HE40 Frequency:5190MHz
Ant:Chain0



Mode:802.11ax HE40 Frequency:5230MHz
Ant:Chain0

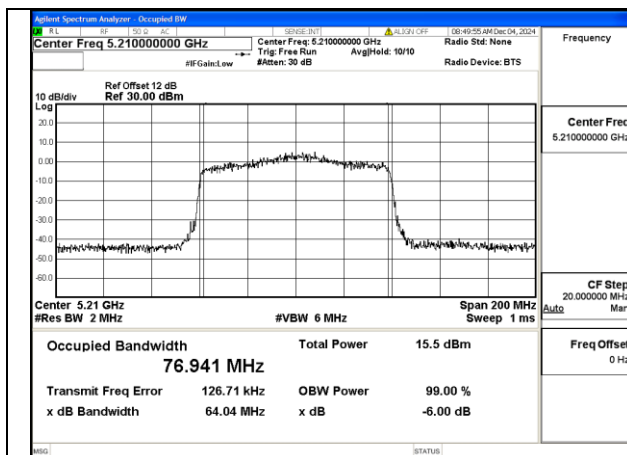


Mode:802.11ax HE40 Frequency:5190MHz
Ant:Chain1

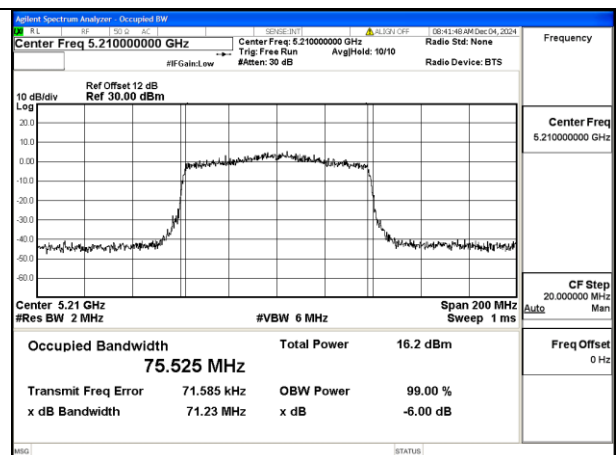


Mode:802.11ax HE40 Frequency:5230MHz
Ant:Chain1

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Frequency:5210MHz
Ant:Chain0



Mode:802.11ax HE80 Frequency:5210MHz
Ant:Chain1

**Transmitter Power Spectral Density**

Offset 12dB = Attenuator + Temporary antenna connector loss + Cable loss

TestMode	Antenna	Tones	5180MHz		5220MHz		5240MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11a	Chain0	NA	0.00	6.037	0.00	5.790	0.00	5.825
802.11a	Chain1	NA	0.00	5.471	0.00	5.614	0.00	5.831
802.11n HT20	Chain0	NA	0.00	4.852	0.00	5.178	0.00	5.270
802.11n HT20	Chain1	NA	0.00	4.029	0.00	4.930	0.00	5.182
802.11n HT20	MIMO	NA	0.00	7.470	0.00	8.066	0.00	8.237
802.11ac VHT20	Chain0	NA	0.00	4.454	0.00	4.781	0.00	4.872
802.11ac VHT20	Chain1	NA	0.00	4.064	0.00	4.939	0.00	5.195
802.11ac VHT20	MIMO	NA	0.00	7.274	0.00	7.871	0.00	8.047

TestMode	Antenna	Tones	5190MHz		---		5230MHz	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11n HT40	Chain0	NA	0.00	2.865	---	---	0.00	2.967
802.11n HT40	Chain1	NA	0.00	2.420	---	---	0.00	2.637
802.11n HT40	MIMO	NA	0.00	5.658	---	---	0.00	5.815
802.11ac VHT40	Chain0	NA	0.00	2.497	---	---	0.00	2.988
802.11ac VHT40	Chain1	NA	0.00	2.450	---	---	0.00	2.642
802.11ac VHT40	MIMO	NA	0.00	5.484	---	---	0.00	5.829

TestMode	Antenna	Tones	5210MHz		---		---	
			Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)	Correction Factor(dB)	Power Density (dBm/MHz)
802.11ac VHT80	Chain0	NA	0.00	0.232	---	---	---	---
802.11ac VHT80	Chain1	NA	0.00	-0.199	---	---	---	---
802.11ac VHT80	MIMO	NA	0.00	3.032	---	---	---	---



TestMod e	Antenn a	Tone s	5180MHz		5220MHz		5240MHz	
			Correctio n Factor(dB)	Power Density (dBm/MHz)	Correctio n Factor(dB)	Power Density (dBm/MHz)	Correctio n Factor(dB)	Power Density (dBm/MHz)
802.11ax HE20	Chain0	242T	0.00	5.721	0.00	5.215	0.00	5.319
802.11ax HE20	Chain1	242T	0.00	4.320	0.00	4.496	0.00	4.429
802.11ax HE20	MIMO	242T	0.00	8.087	0.00	7.881	0.00	7.907

TestMod e	Antenn a	Tone s	5190MHz		---		5230MHz	
			Correctio n Factor(dB)	Power Density (dBm/MHz)	Correctio n Factor(dB)	Power Density (dBm/MHz)	Correctio n Factor(dB)	Power Density (dBm/MHz)
802.11ax HE40	Chain0	484T	0.00	0.053	---	---	0.00	0.143
802.11ax HE40	Chain1	484T	0.00	-0.123	---	---	0.00	2.237
802.11ax HE40	MIMO	484T	0.00	2.976	---	---	0.00	4.325

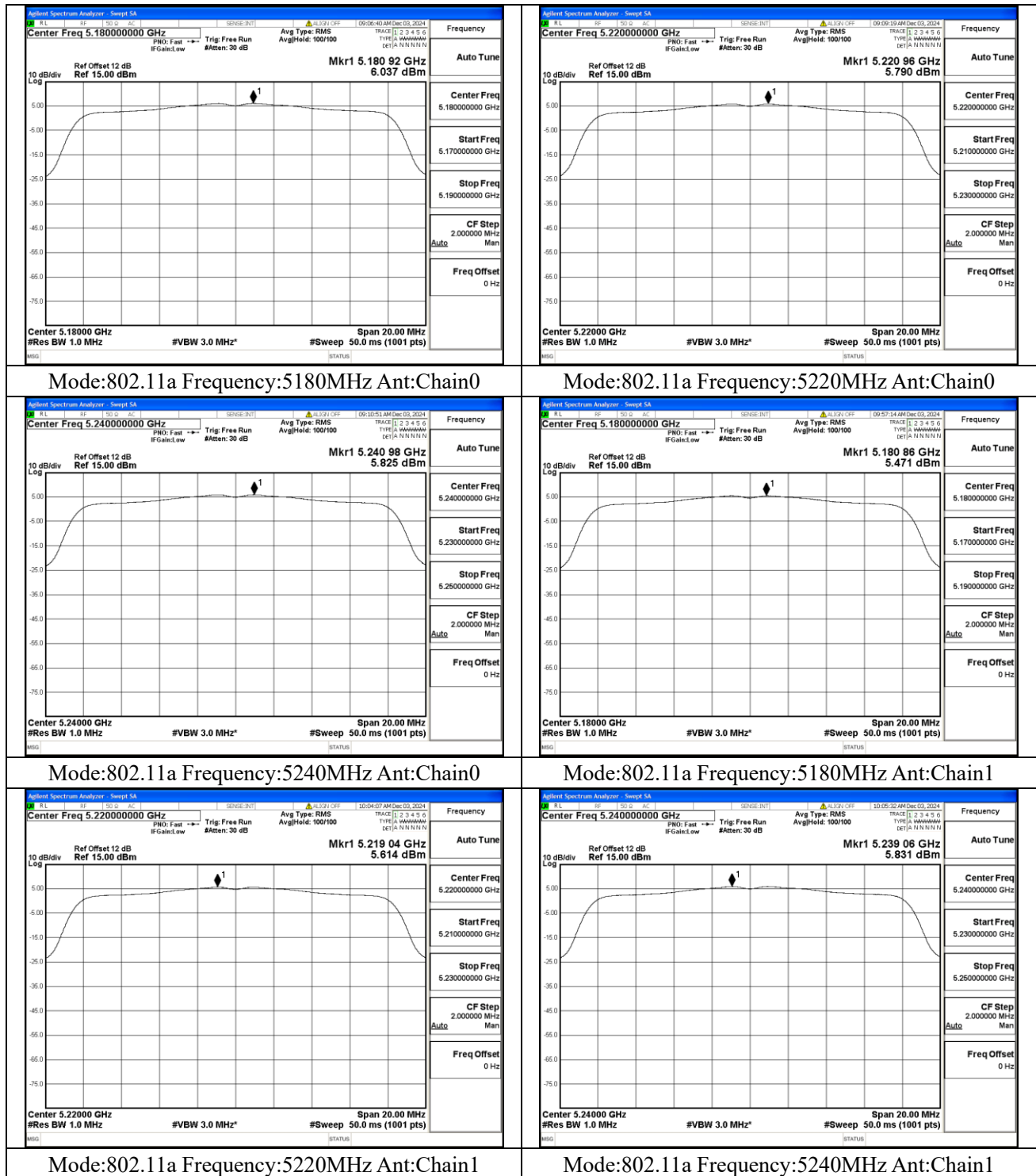
TestMod e	Antenn a	Tone s	5210MHz		---		---	
			Correctio n Factor(dB)	Power Density (dBm/MHz)	Correctio n Factor(dB)	Power Density (dBm/MHz)	Correctio n Factor(dB)	Power Density (dBm/MHz)
802.11ax HE80	Chain0	996T	0.00	-2.949	---	---	---	---
802.11ax HE80	Chain1	996T	0.00	-3.067	---	---	---	---
802.11ax HE80	MIMO	996T	0.00	0.003	---	---	---	---



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No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

Test Mode: 802.11a

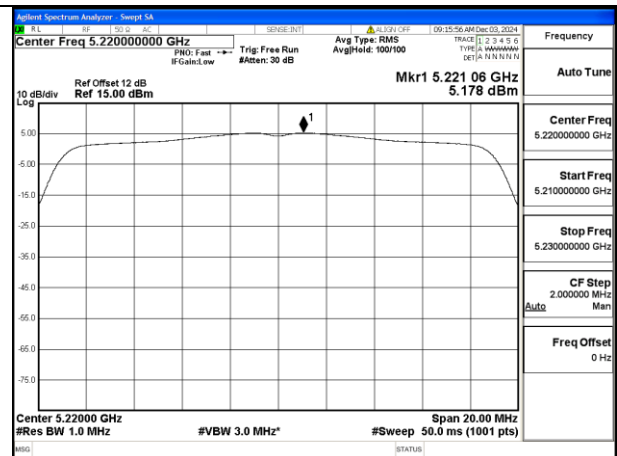
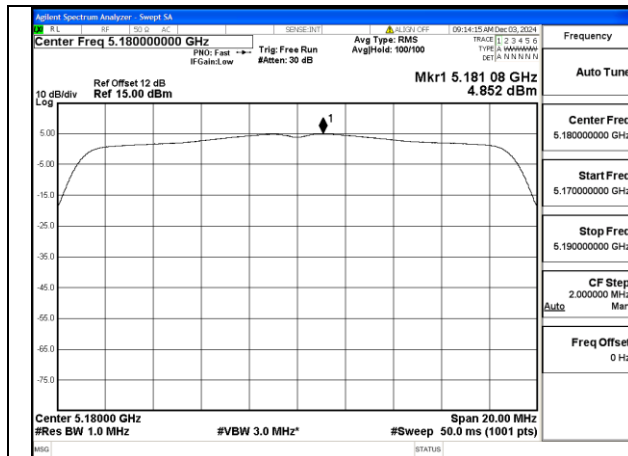




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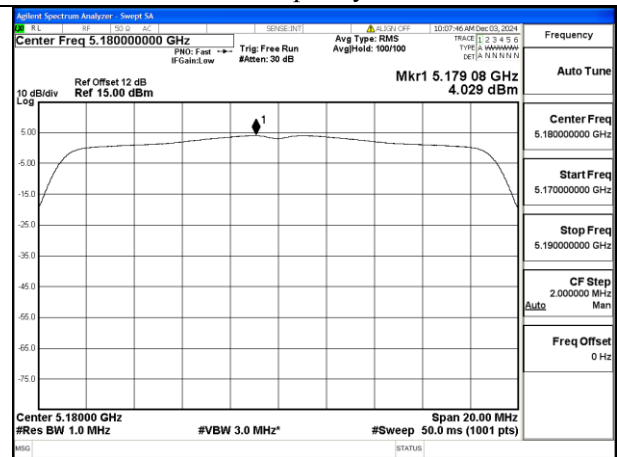
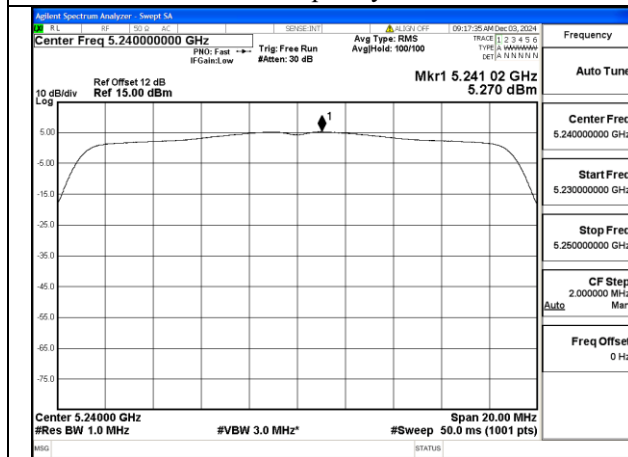
No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

Test Mode: 802.11n HT20



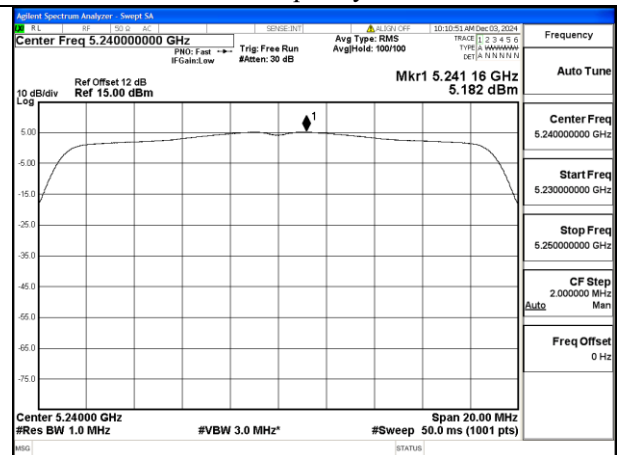
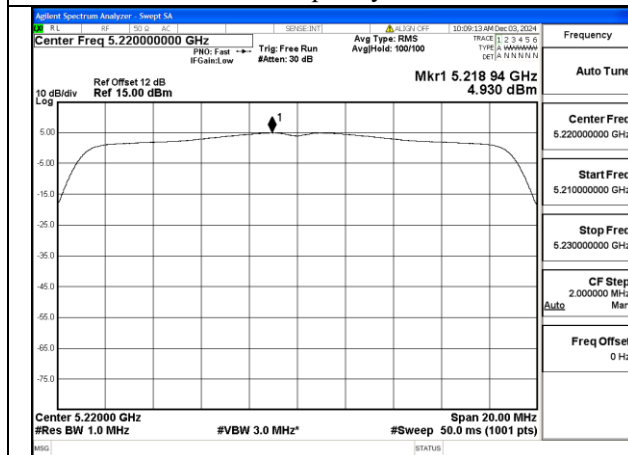
Mode:802.11n HT20 Frequency:5180MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5220MHz Ant:Chain0



Mode:802.11n HT20 Frequency:5240MHz Ant:Chain0

Mode:802.11n HT20 Frequency:5180MHz Ant:Chain1



Mode:802.11n HT20 Frequency:5220MHz Ant:Chain1

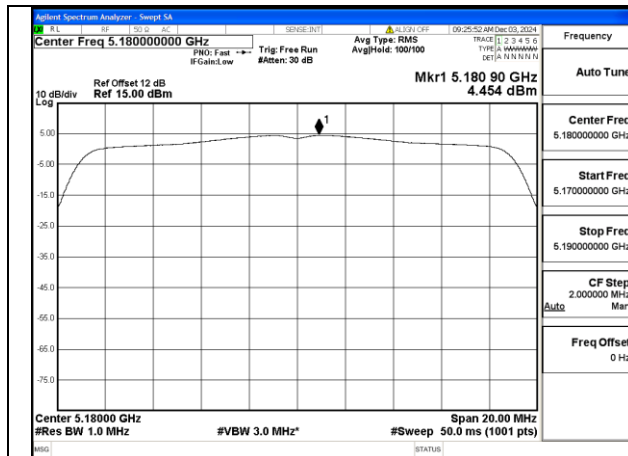
Mode:802.11n HT20 Frequency:5240MHz Ant:Chain1



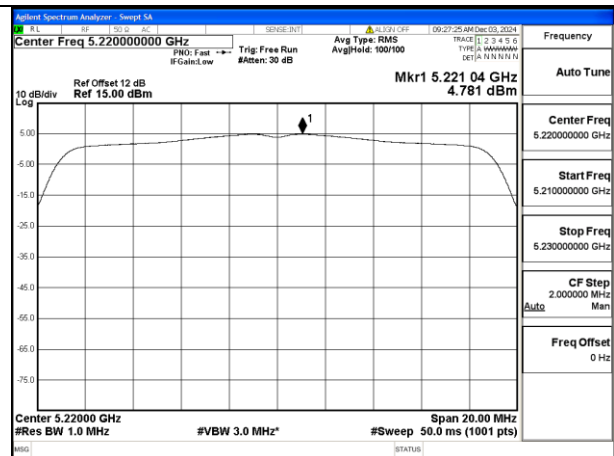
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No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

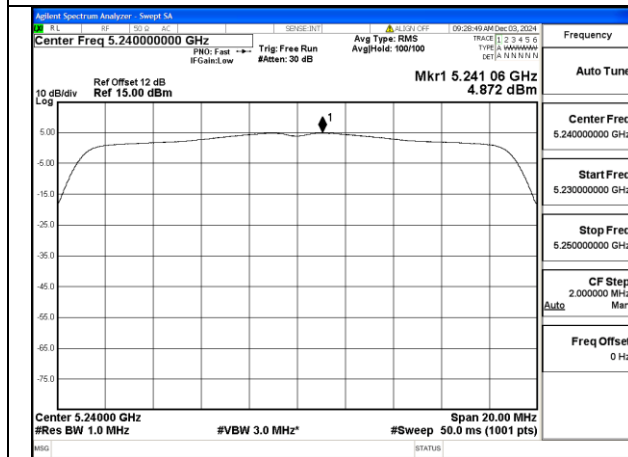
Test Mode: 802.11ac VHT20



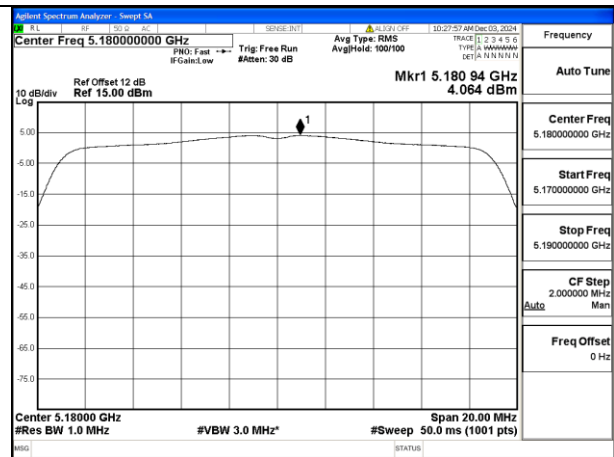
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain0



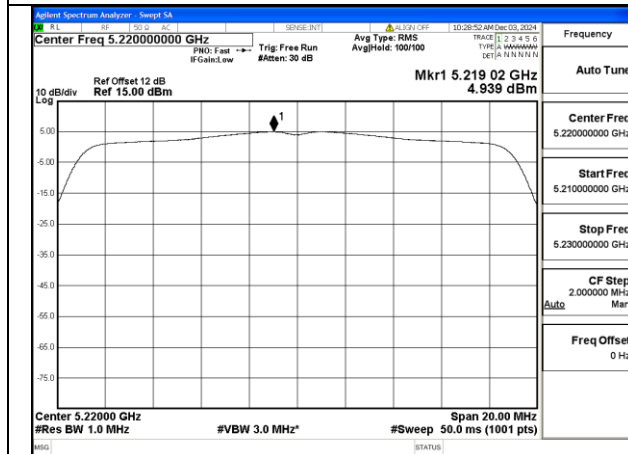
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain0



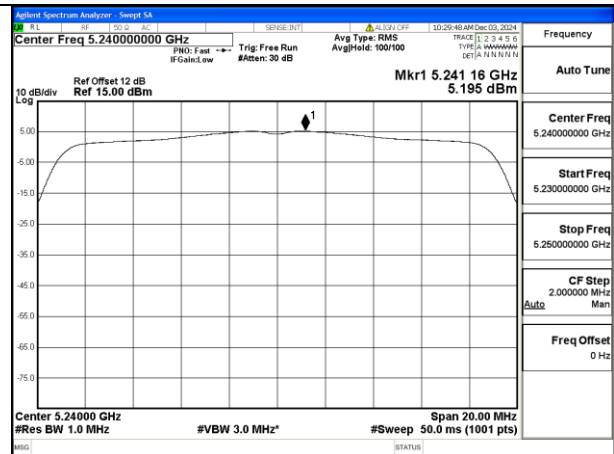
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain1



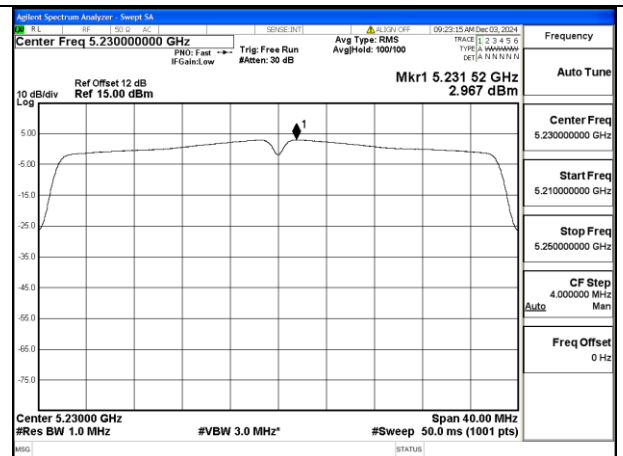
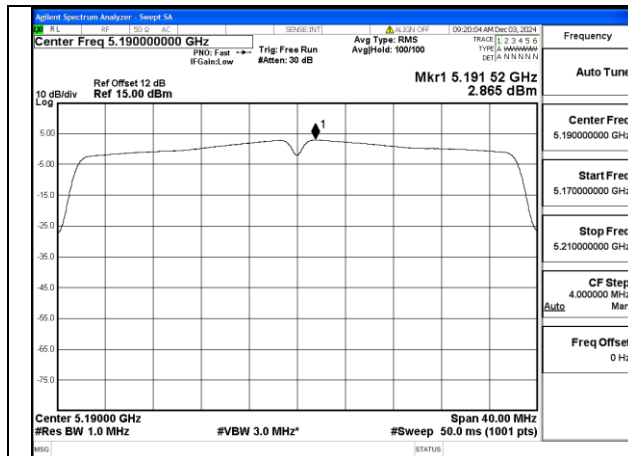
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain1



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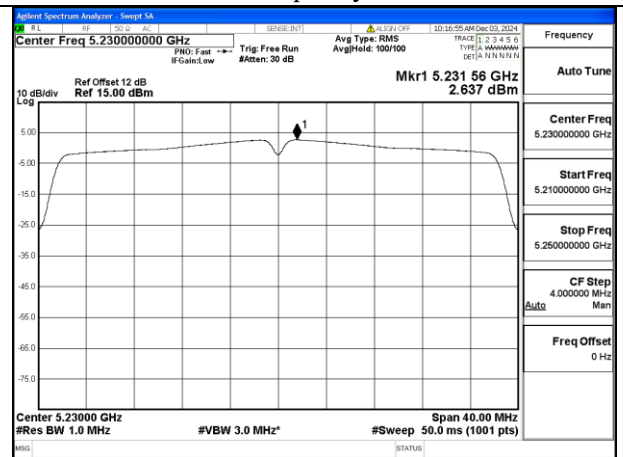
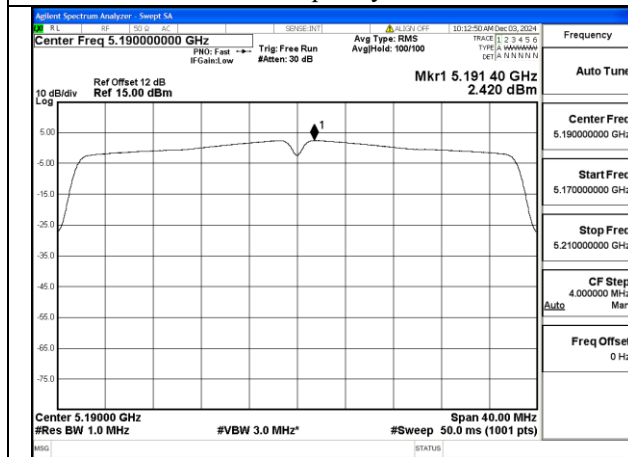
No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

Test Mode: 802.11n HT40



Mode:802.11n HT40 Frequency:5190MHz Ant:Chain0

Mode:802.11n HT40 Frequency:5230MHz Ant:Chain0



Mode:802.11n HT40 Frequency:5190MHz Ant:Chain1

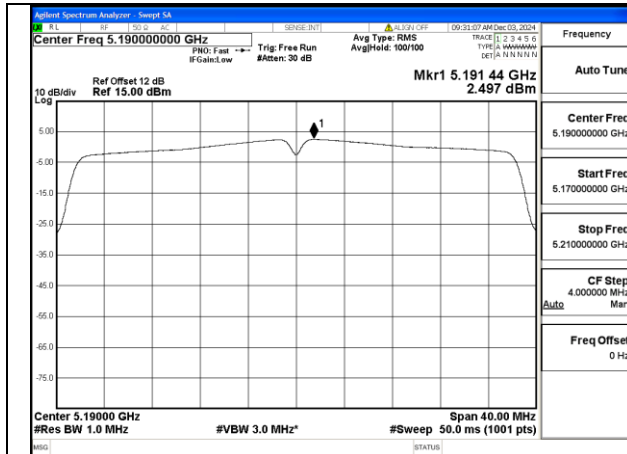
Mode:802.11n HT40 Frequency:5230MHz Ant:Chain1



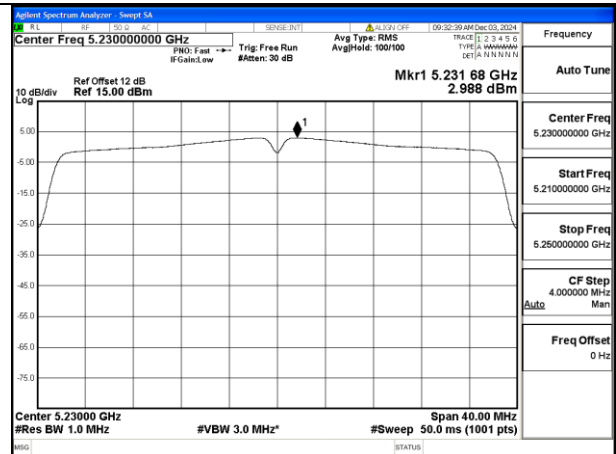
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No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

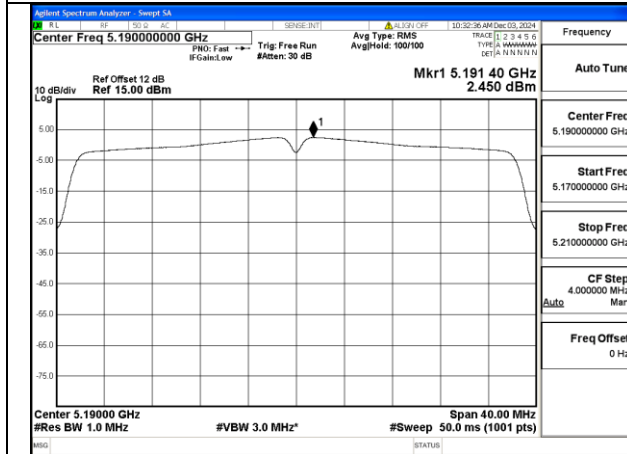
Test Mode: 802.11ac VHT40



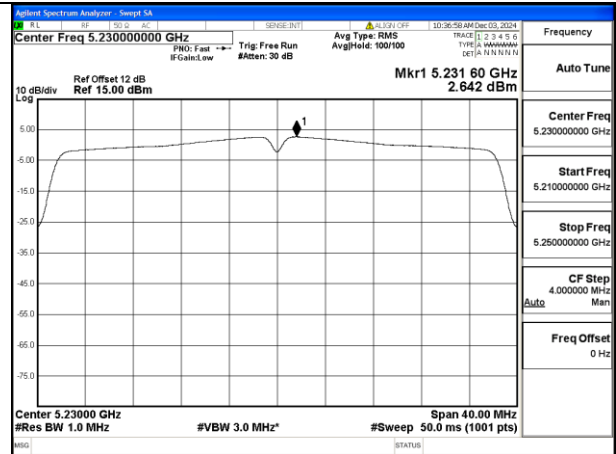
Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain0



Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain0

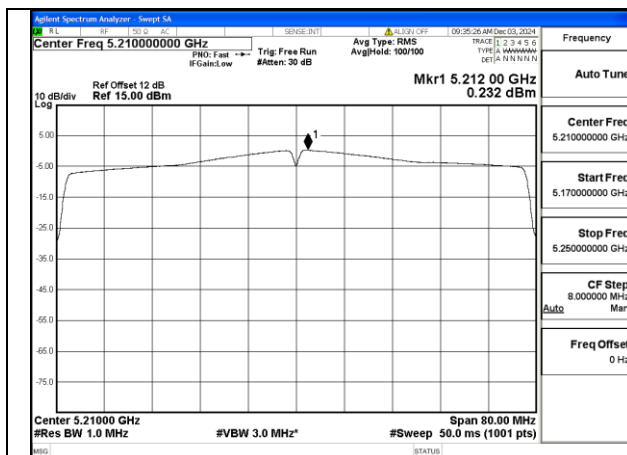


Mode:802.11ac VHT40 Frequency:5190MHz
Ant:Chain1

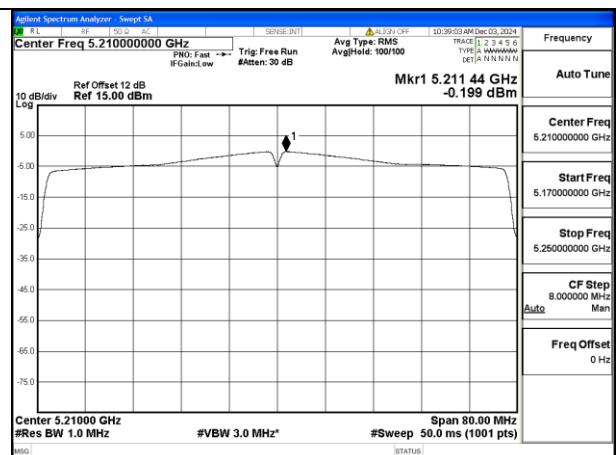


Mode:802.11ac VHT40 Frequency:5230MHz
Ant:Chain1

Test Mode: 802.11ac VHT80



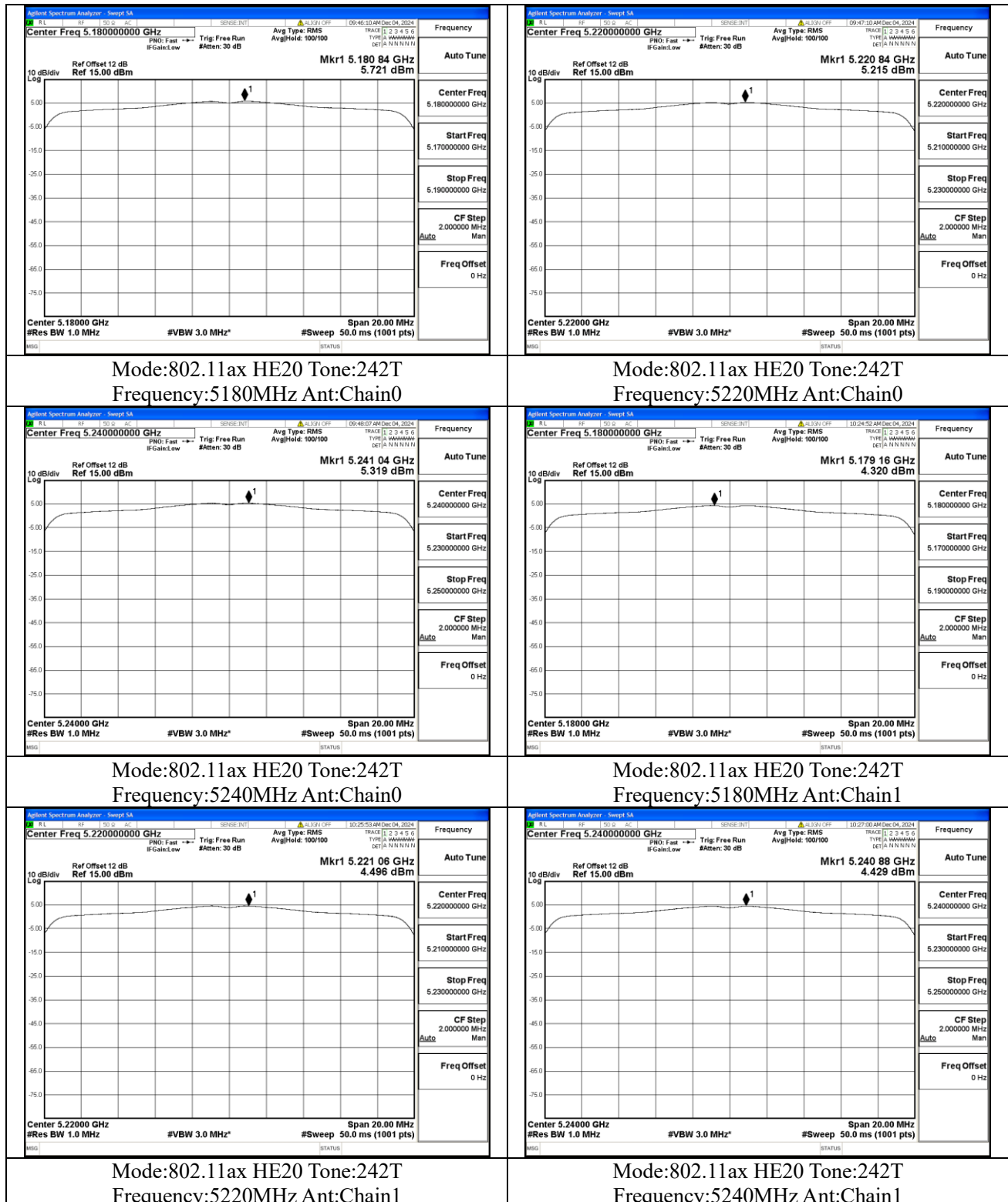
Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain0



Mode:802.11ac VHT80 Frequency:5210MHz
Ant:Chain1



Test Mode: 802.11ax HE20

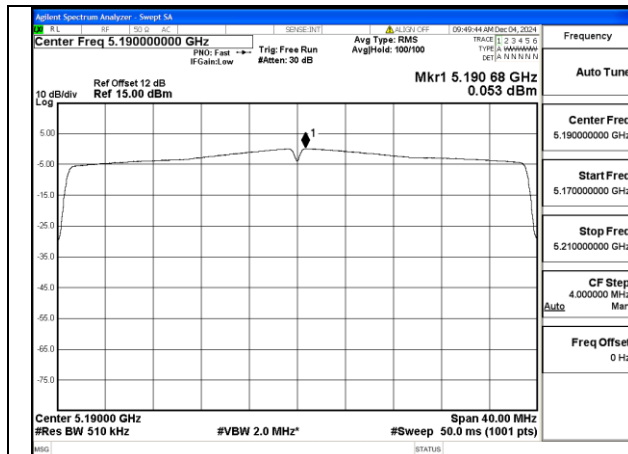




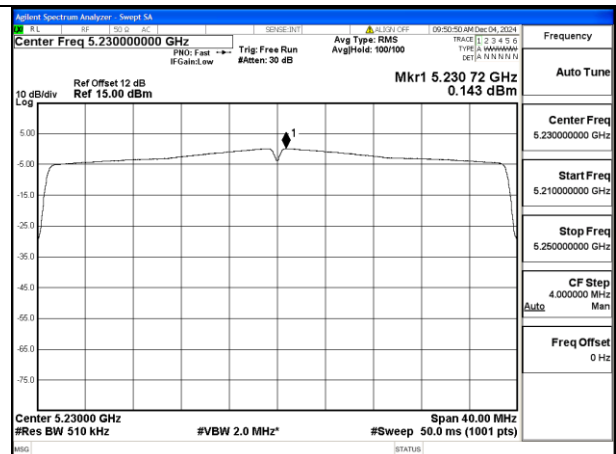
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No.: PSU-NQN2412170317RF04
FCC ID: 2AANY-ER815NRQ3

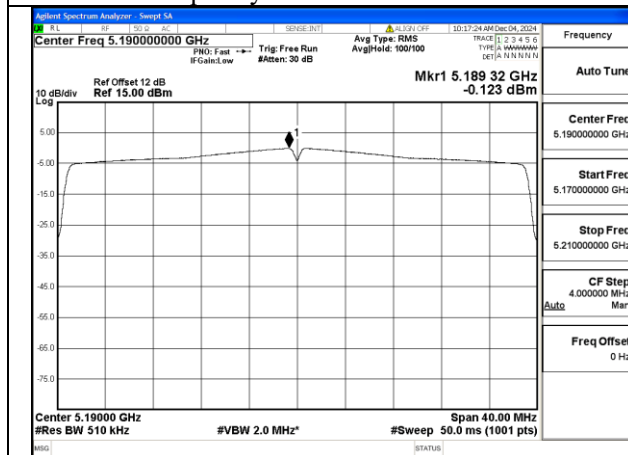
Test Mode: 802.11ax HE40



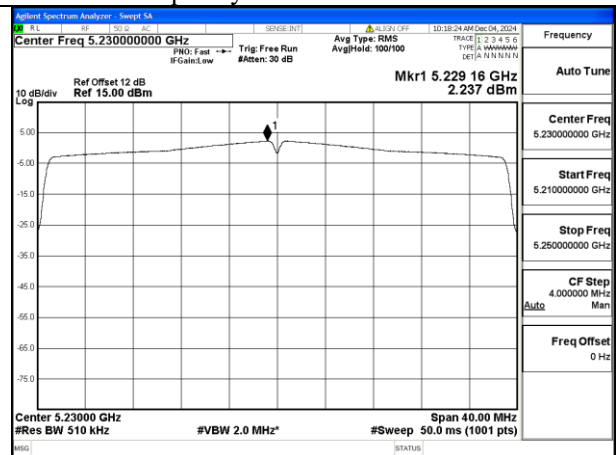
Mode:802.11ax HE40 Tone:484T
Frequency:5190MHz Ant:Chain0



Mode:802.11ax HE40 Tone:484T
Frequency:5230MHz Ant:Chain0

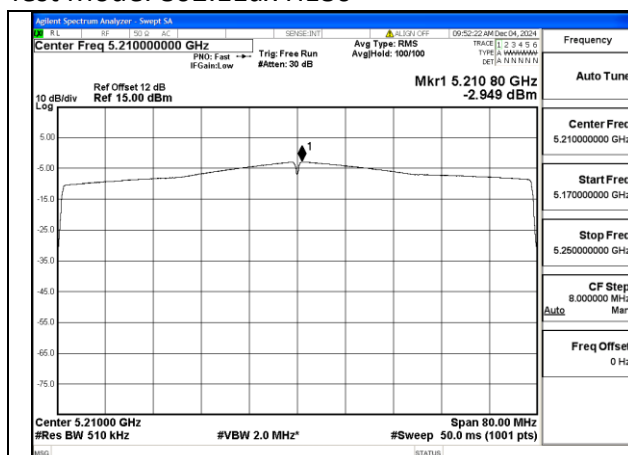


Mode:802.11ax HE40 Tone:484T
Frequency:5190MHz Ant:Chain1

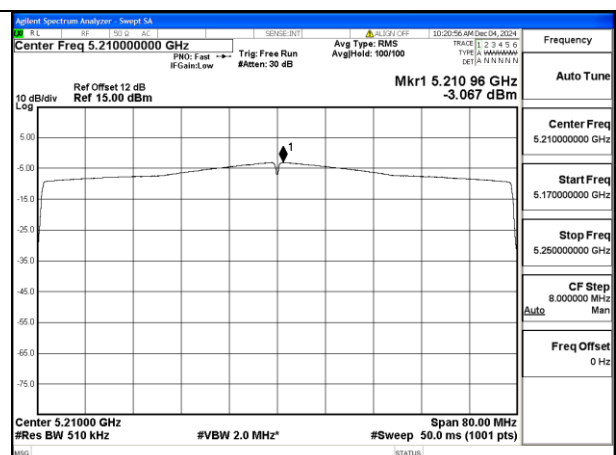


Mode:802.11ax HE40 Tone:484T
Frequency:5230MHz Ant:Chain1

Test Mode: 802.11ax HE80



Mode:802.11ax HE80 Tone:996T
Frequency:5210MHz Ant:Chain0



Mode:802.11ax HE80 Tone:996T
Frequency:5210MHz Ant:Chain1



Frequency Stability

Test Mode	Data Rate	Antenna	Center Frequency (MHz)	Measured Frequency (MHz)	Frequency Stability (ppm)	Voltage (V)	Temperature (°C)
802.11a	11a	Chain0	5180	0.72	5179.99628	NV-30	-30
802.11a	11a	Chain0	5180	0.71	5179.99632	NV-20	-20
802.11a	11a	Chain0	5180	0.70	5179.99638	NV-10	-10
802.11a	11a	Chain0	5180	0.71	5179.99633	NV0	0
802.11a	11a	Chain0	5180	0.69	5179.9964	NV10	+10
802.11a	11a	Chain0	5180	0.70	5179.99637	NV20	+20
802.11a	11a	Chain0	5180	0.71	5179.99634	LV20	+20
802.11a	11a	Chain0	5180	0.70	5179.99638	HV20	+20
802.11a	11a	Chain0	5180	0.68	5179.99647	NV30	+30
802.11a	11a	Chain0	5180	0.70	5179.99635	NV40	+40
802.11a	11a	Chain0	5180	0.69	5179.99642	NV50	+50
802.11a	11a	Chain1	5180	0.58	5179.997	NV-30	-30
802.11a	11a	Chain1	5180	0.58	5179.997	NV-20	-20
802.11a	11a	Chain1	5180	0.58	5179.99701	NV-10	-10
802.11a	11a	Chain1	5180	0.56	5179.99708	NV0	0
802.11a	11a	Chain1	5180	0.58	5179.99701	NV10	+10
802.11a	11a	Chain1	5180	0.57	5179.99707	NV20	+20
802.11a	11a	Chain1	5180	0.58	5179.997	LV20	+20
802.11a	11a	Chain1	5180	0.56	5179.9971	HV20	+20
802.11a	11a	Chain1	5180	0.58	5179.997	NV30	+30
802.11a	11a	Chain1	5180	0.57	5179.99705	NV40	+40
802.11a	11a	Chain1	5180	0.57	5179.99705	NV50	+50