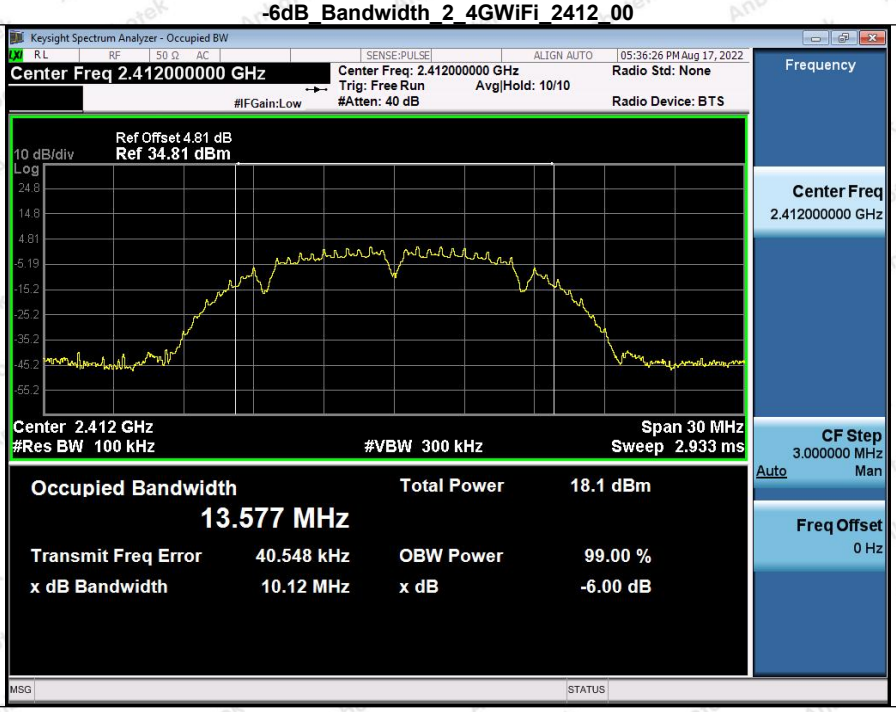
Appendix Test Data

Report No.:	78340WC20002801	Test Date:	2022.8.17
Test Engineer:	QingPeng	Auditor:	Andy wang
Temperature:	24.3℃	Relative Humidity:	56.2%
Pressure:	1012 hPa		

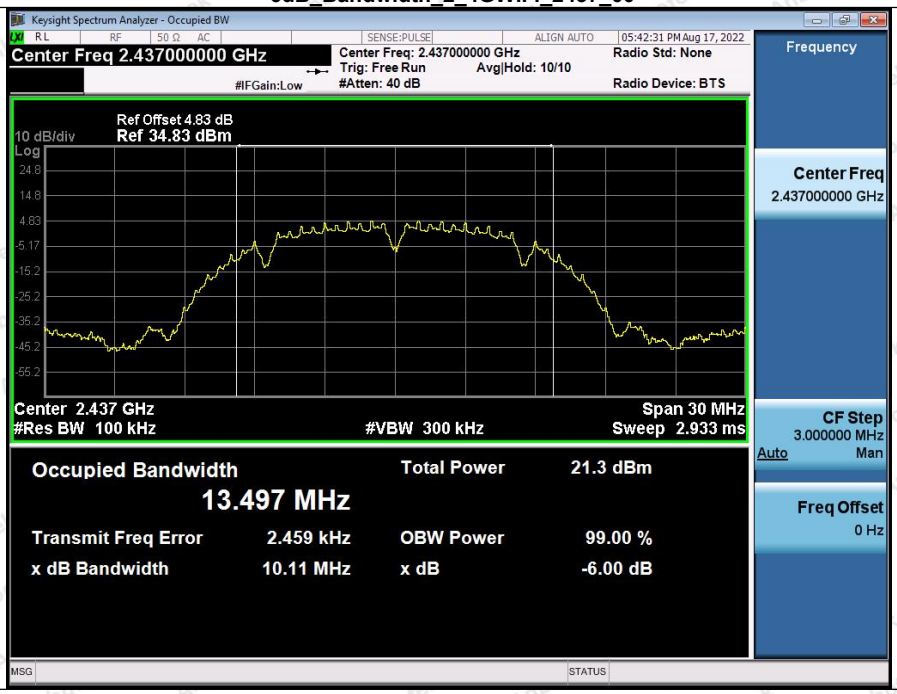
1. -6dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	10.12	500	Pass
NVNT	ANT1	802.11b	2437.00	10.11	500	Pass
NVNT	ANT1	802.11b	2462.00	10.10	500	Pass
NVNT	ANT1	802.11g	2412.00	16.40	500	Pass
NVNT	ANT1	802.11g	2437.00	16.39	500	Pass
NVNT	ANT1	802.11g	2462.00	16.39	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	16.60	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	16.61	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	16.60	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	36.12	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	36.08	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	36.39	500	Pass

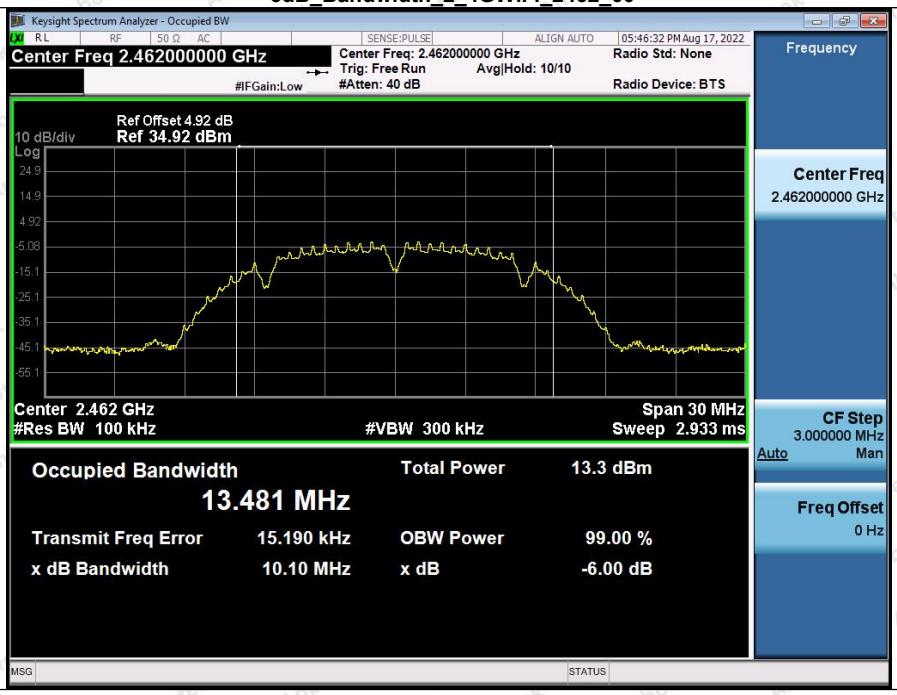
-6dB_Bandwidth_2_4GWiFi_2412_00



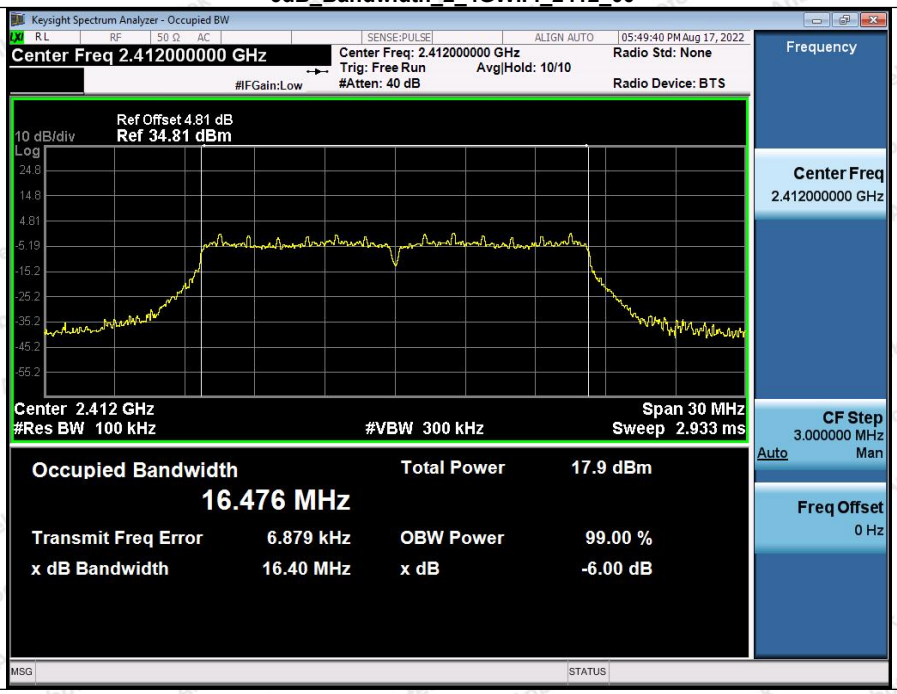
-6dB_Bandwidth_2_4GWiFi_2437_00



-6dB_Bandwidth_2_4GWiFi_2462_00



-6dB_Bandwidth_2_4GWiFi_2412_00



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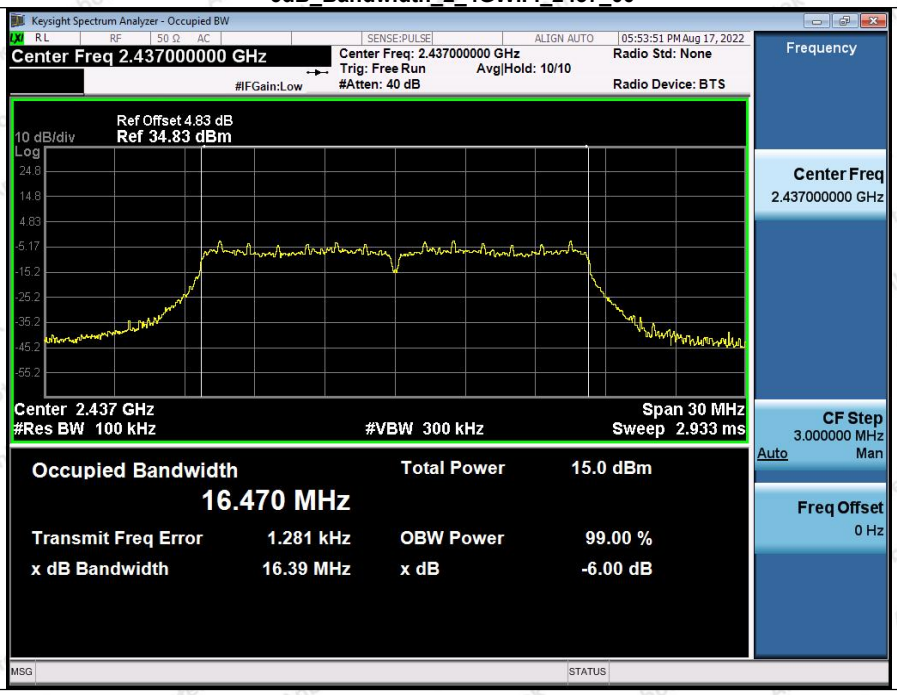

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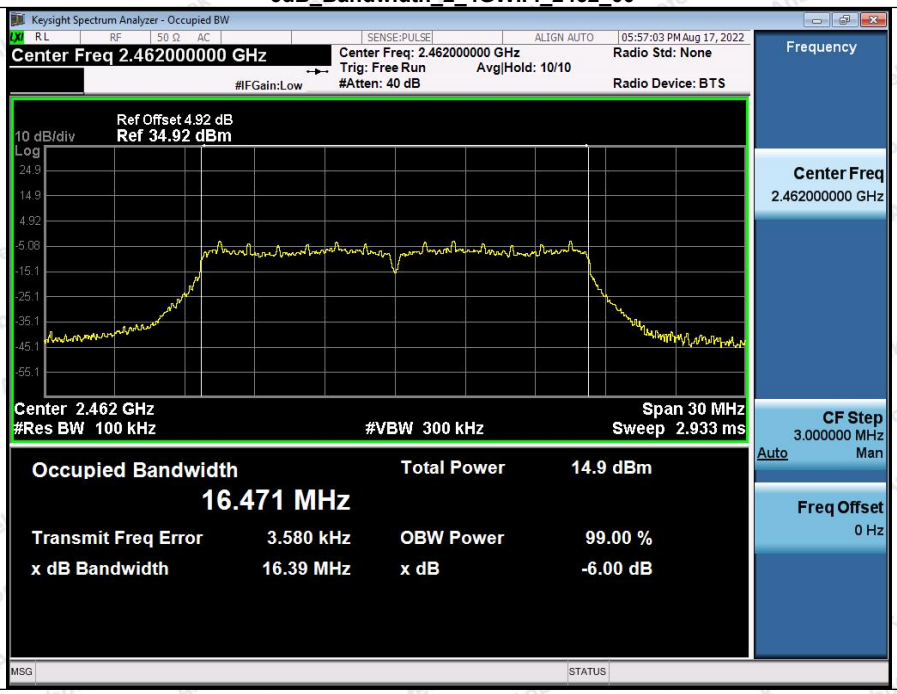
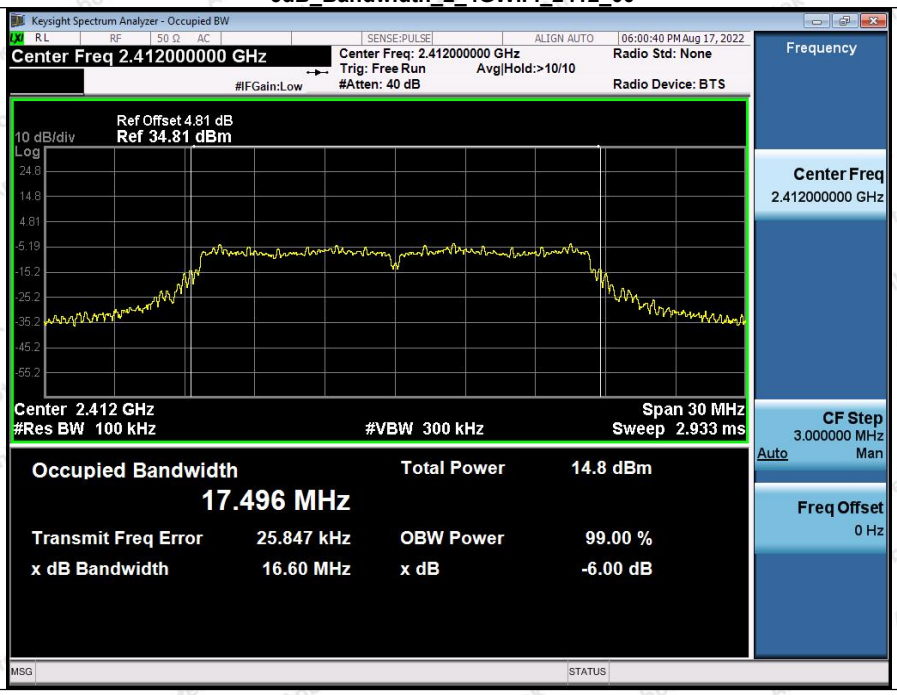
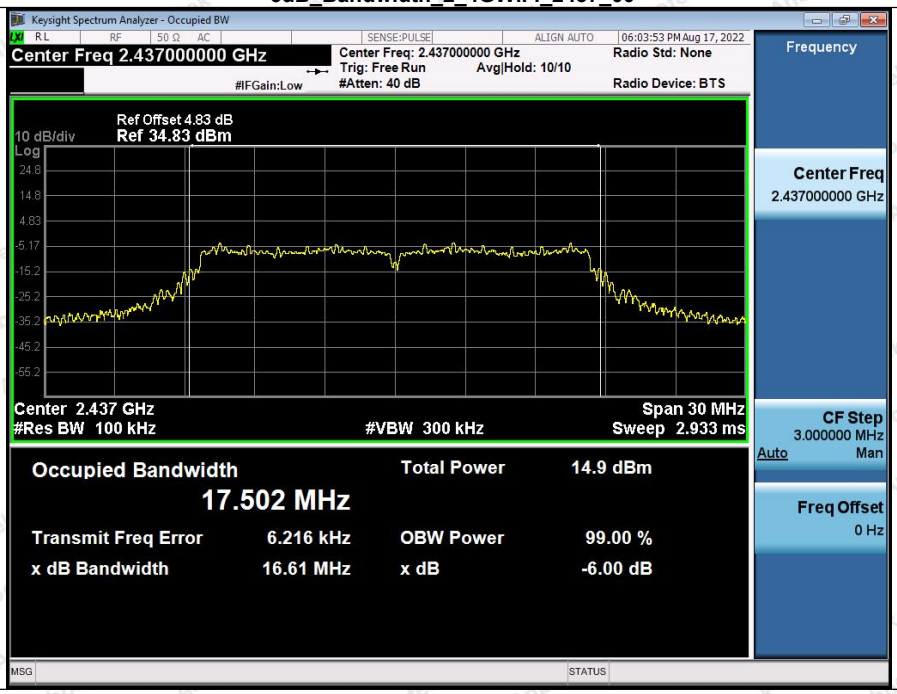


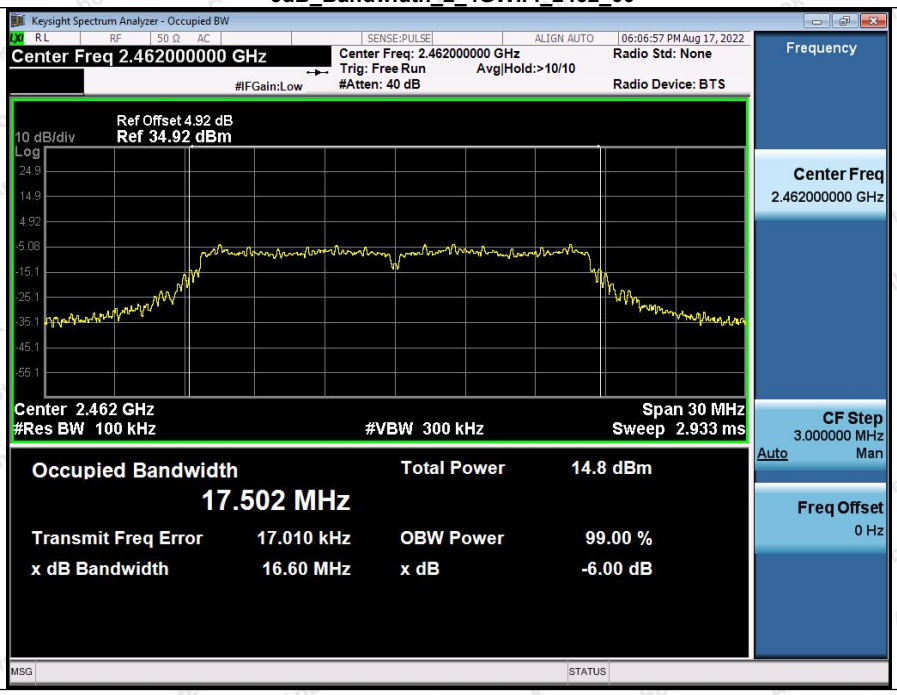
-6dB_Bandwidth_2_4GWiFi_2412_00



-6dB_Bandwidth_2_4GWiFi_2437_00



-6dB_Bandwidth_2_4GWiFi_2462_00



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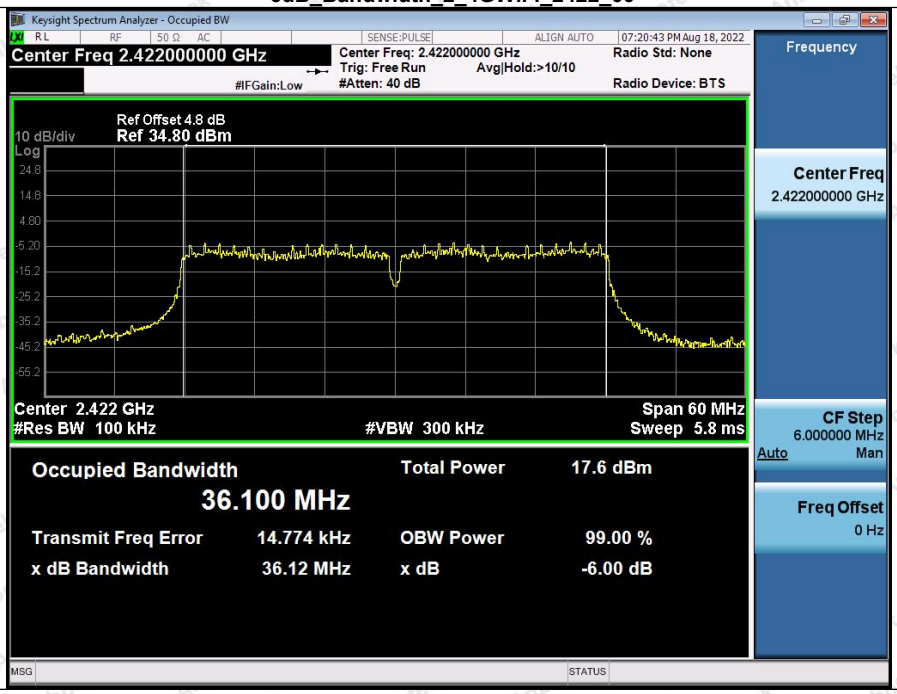

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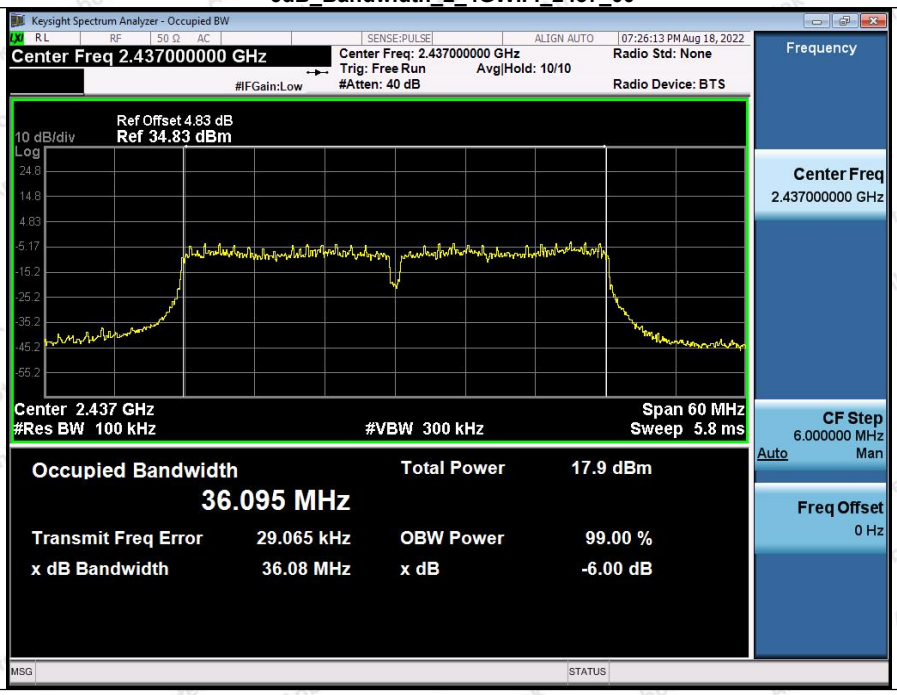

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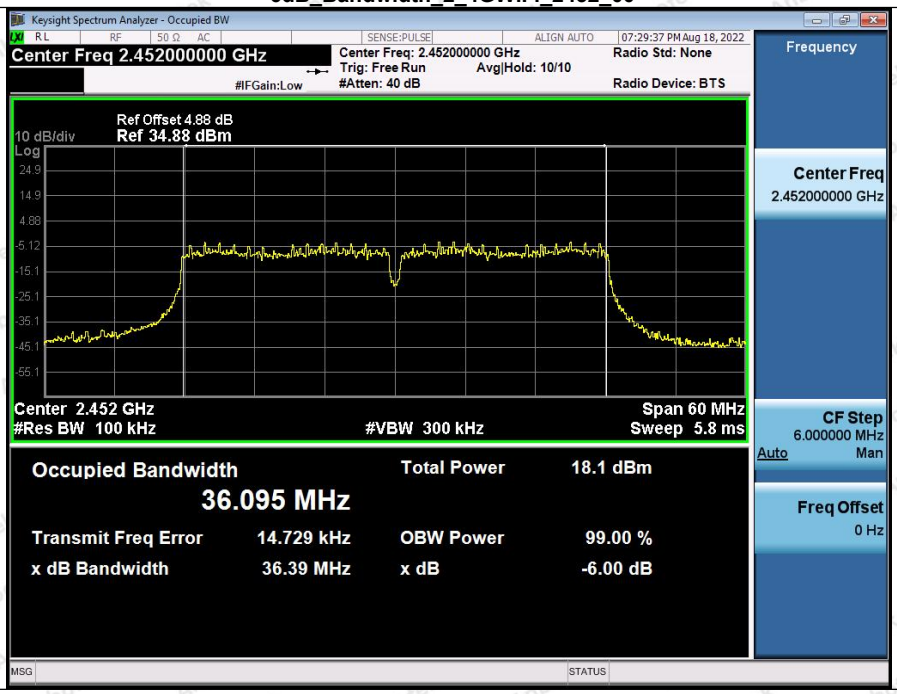
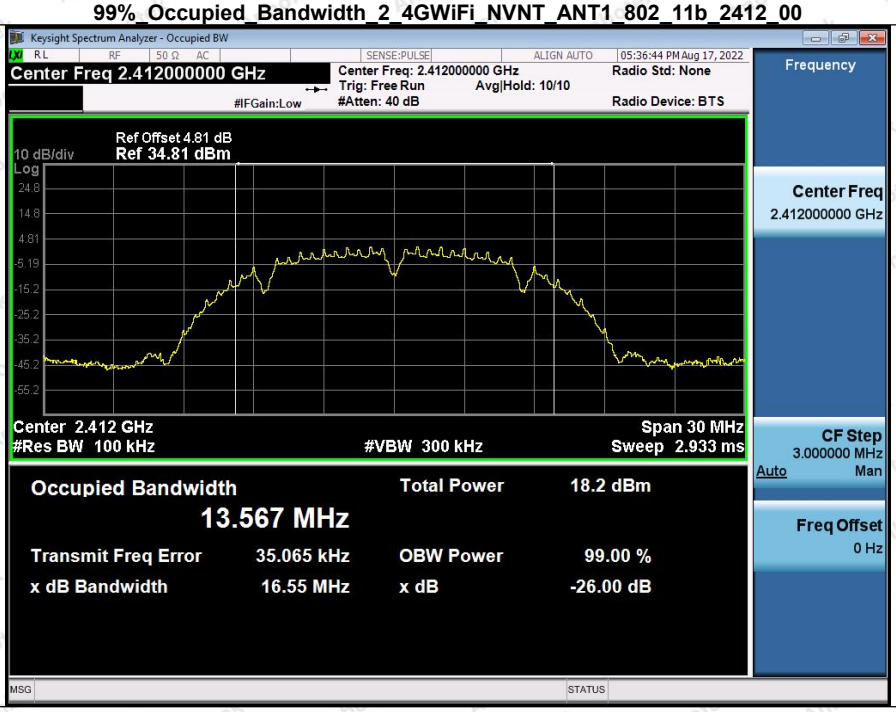


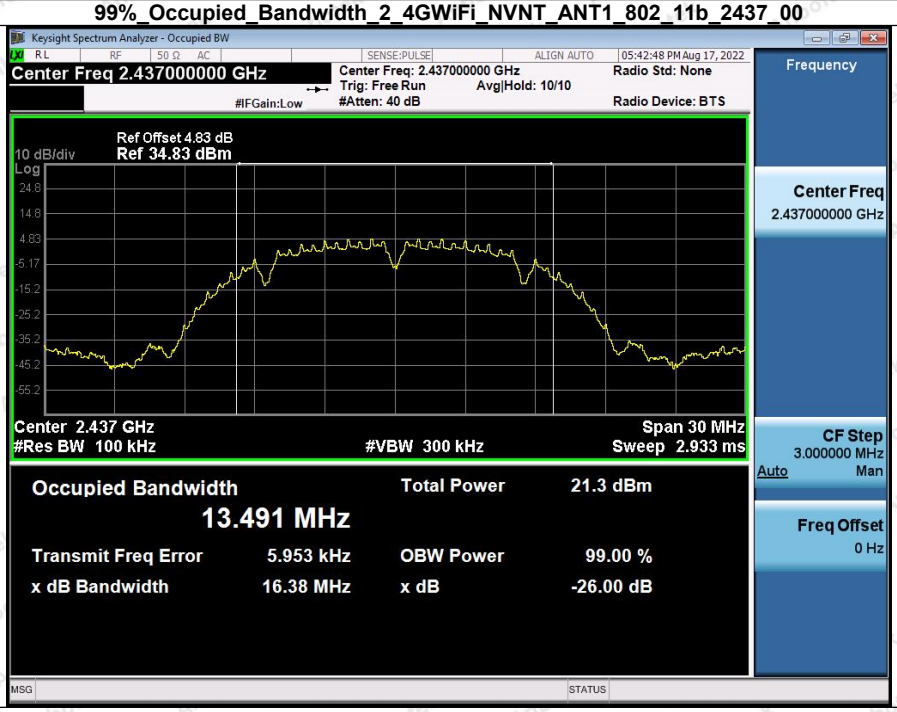
2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	802.11b	2412.00	13.567
NVNT	ANT1	802.11b	2437.00	13.491
NVNT	ANT1	802.11b	2462.00	13.492
NVNT	ANT1	802.11g	2412.00	16.474
NVNT	ANT1	802.11g	2437.00	16.474
NVNT	ANT1	802.11g	2462.00	16.470
NVNT	ANT1	802.11n(HT20)	2412.00	17.500
NVNT	ANT1	802.11n(HT20)	2437.00	17.508
NVNT	ANT1	802.11n(HT20)	2462.00	17.500
NVNT	ANT1	802.11n(HT40)	2422.00	36.125
NVNT	ANT1	802.11n(HT40)	2437.00	36.119
NVNT	ANT1	802.11n(HT40)	2452.00	36.113

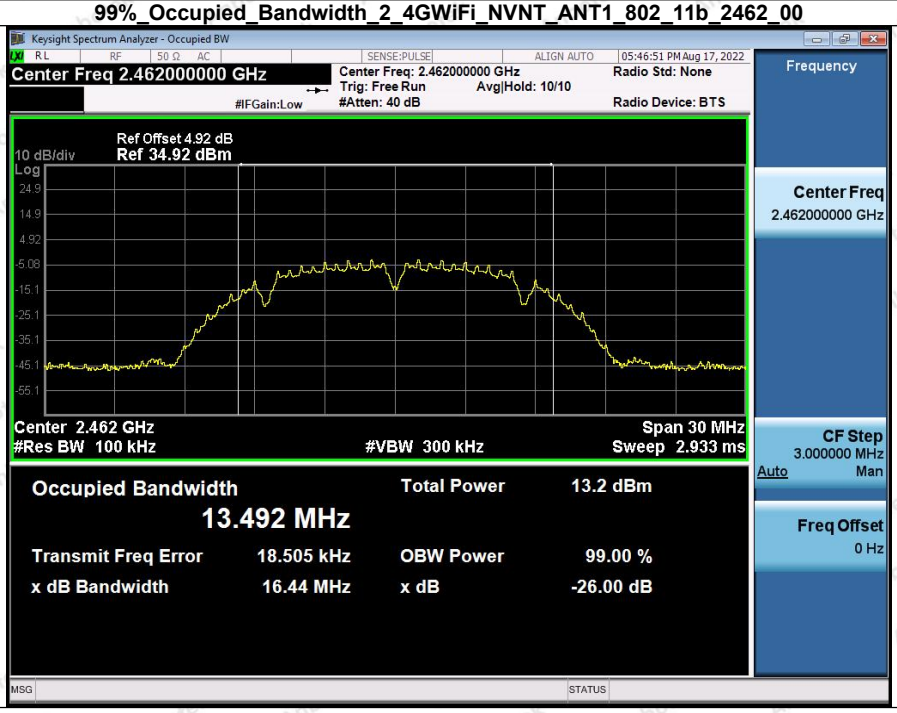
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11b_2412_00



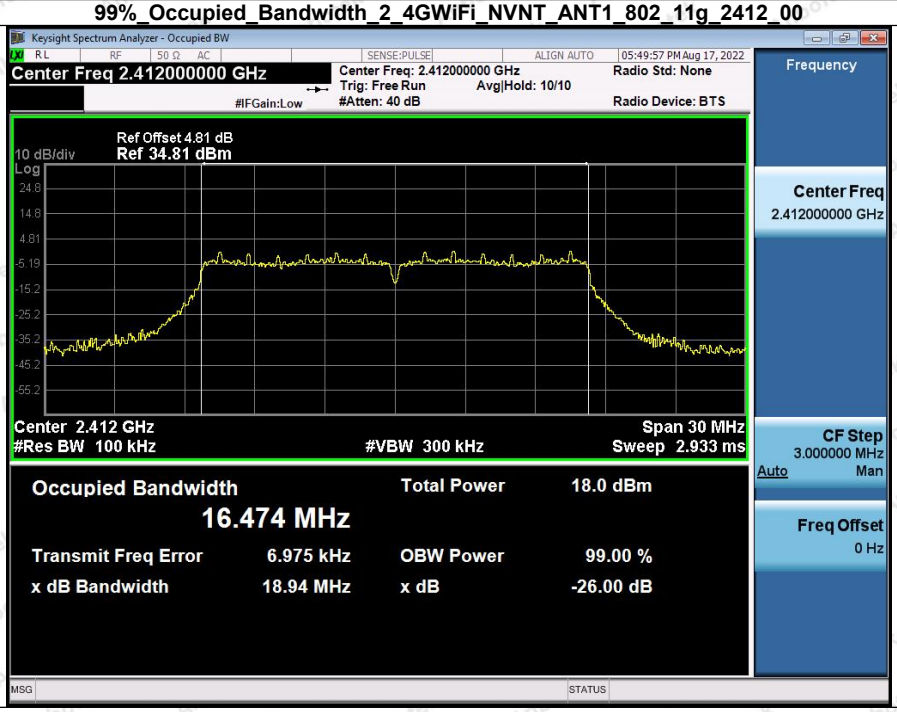
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11b_2437_00



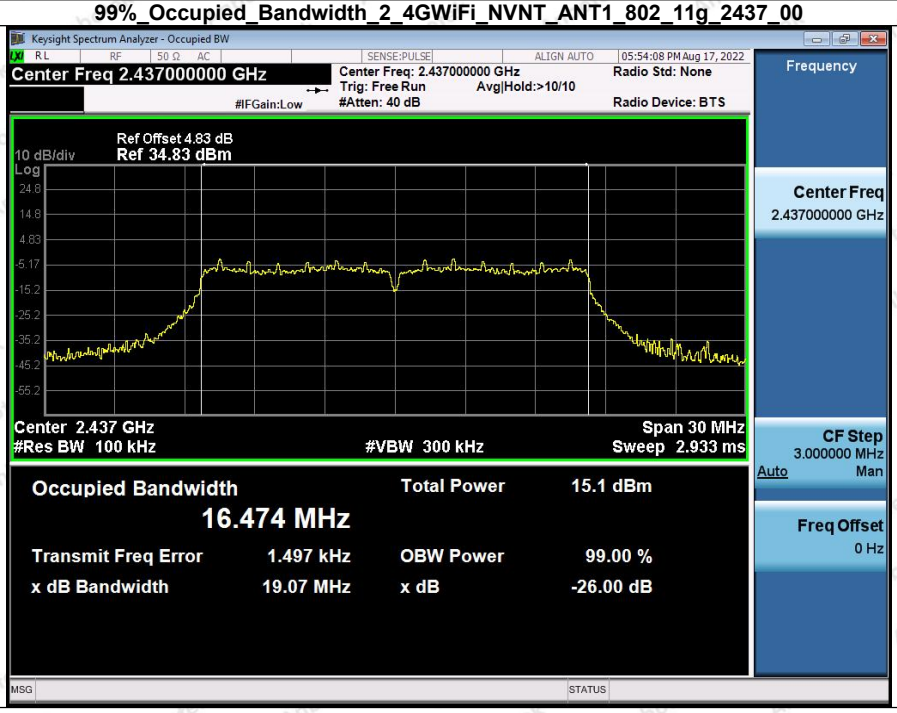
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11b_2462_00



99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11g_2412_00



99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11g_2437_00



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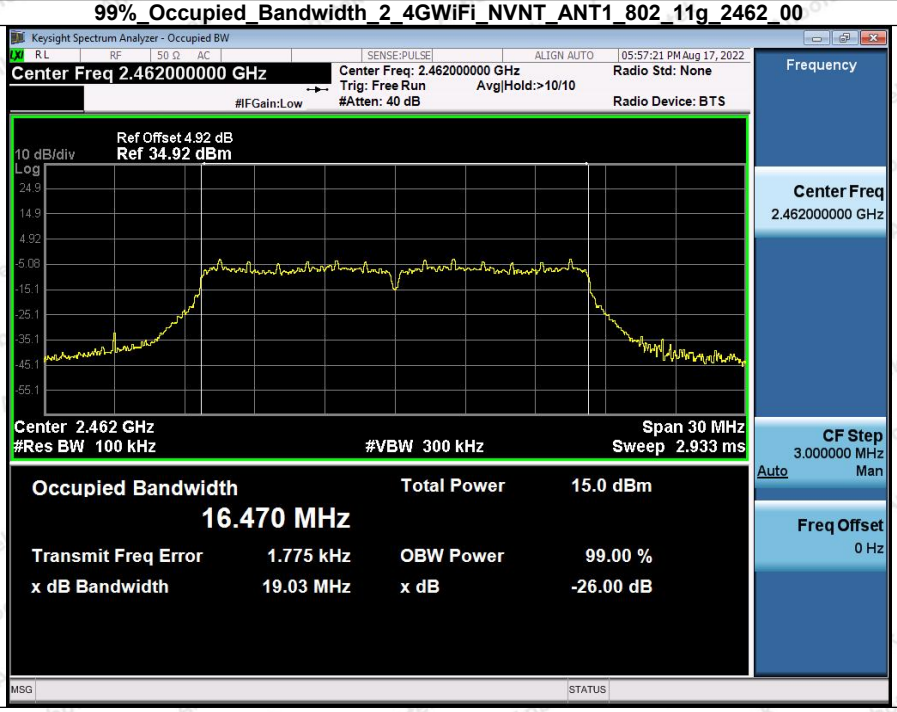
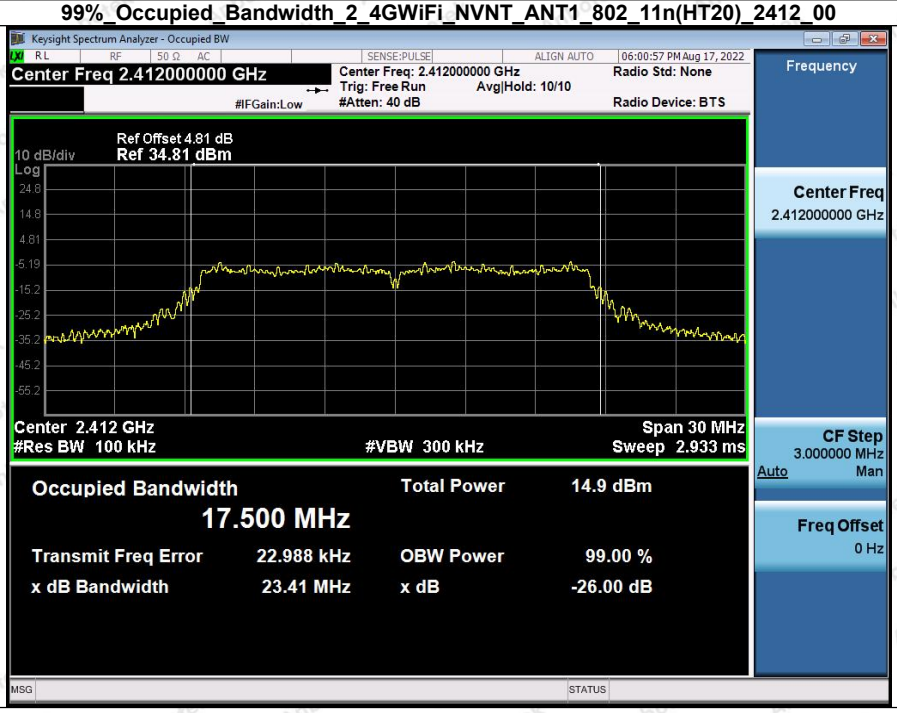


99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2412_00



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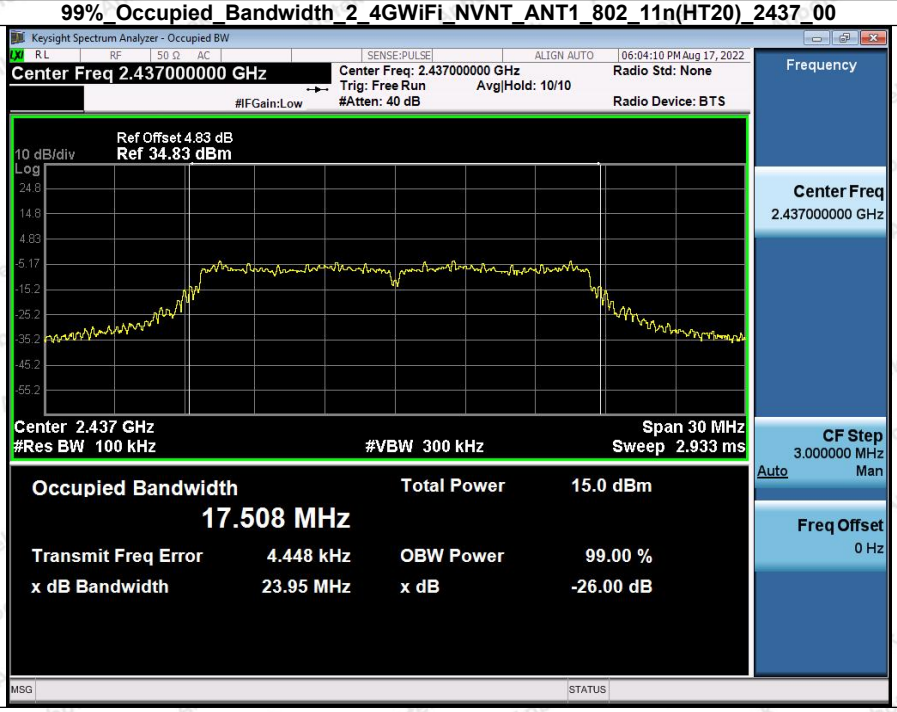

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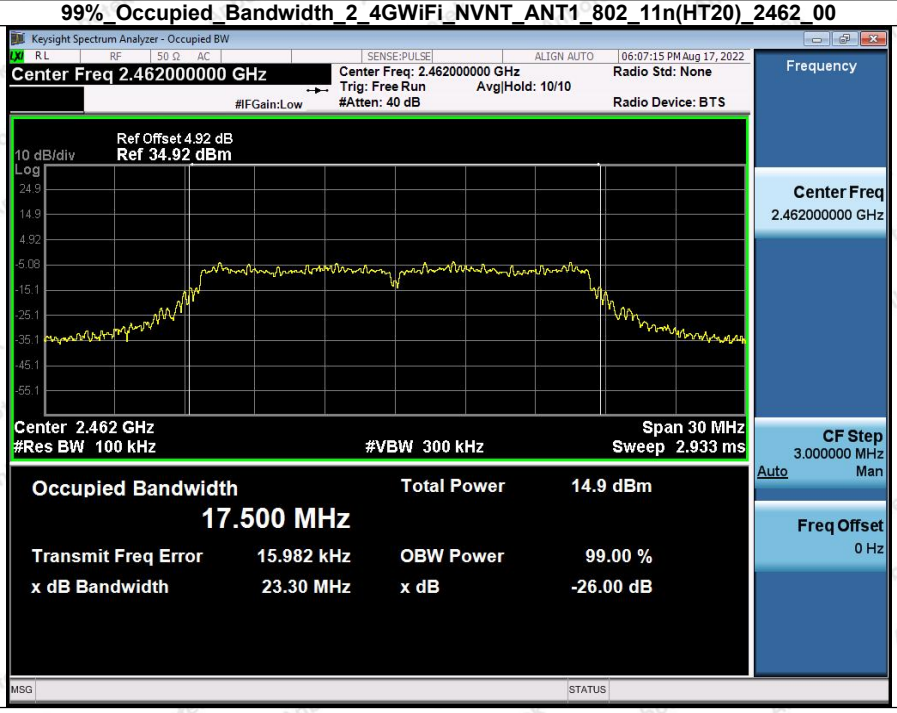

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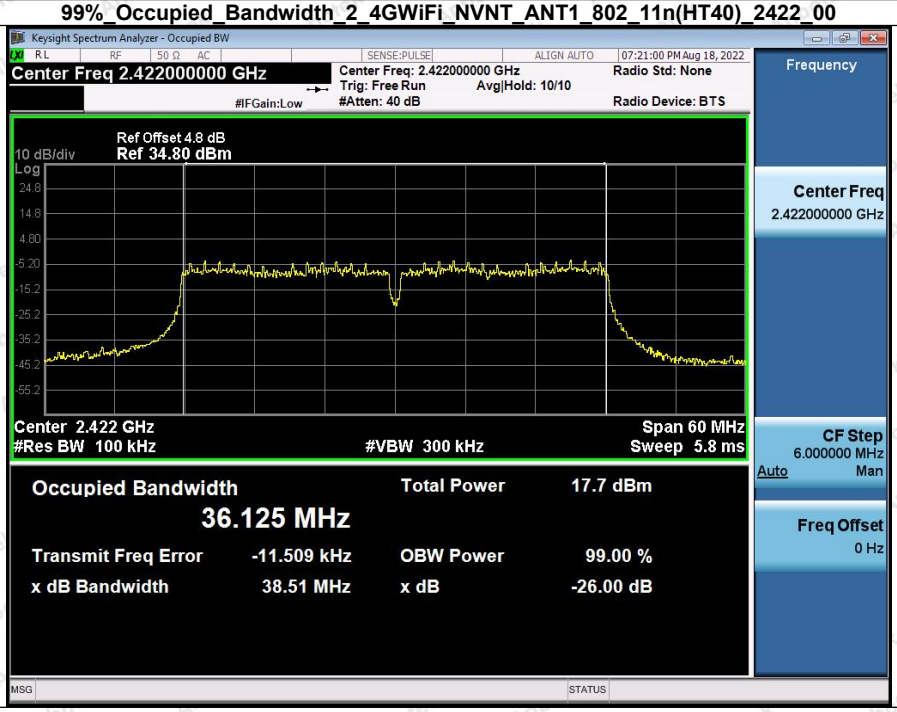
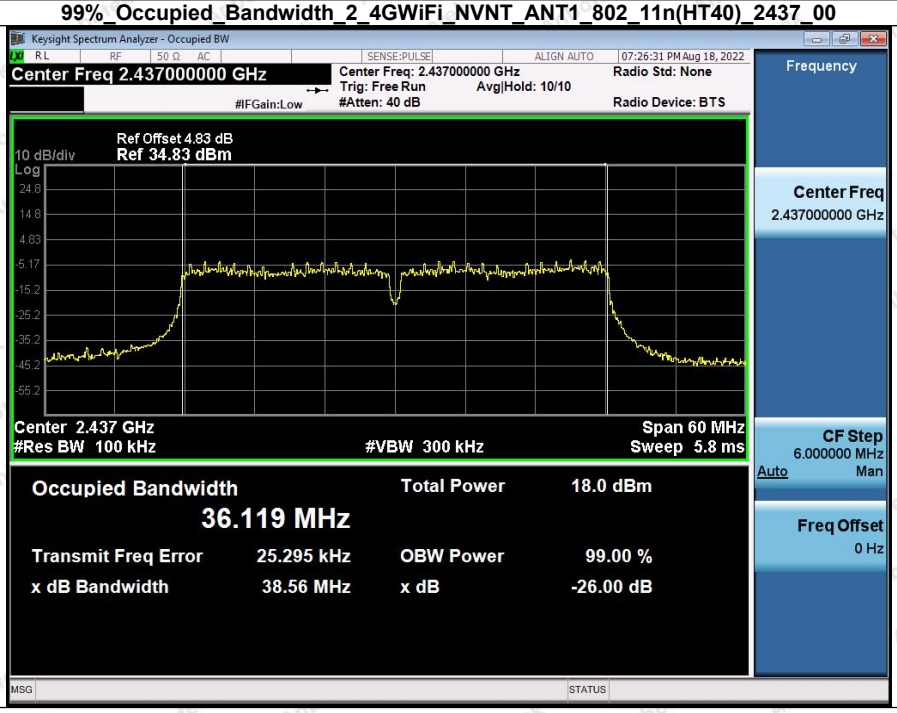


99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2437_00



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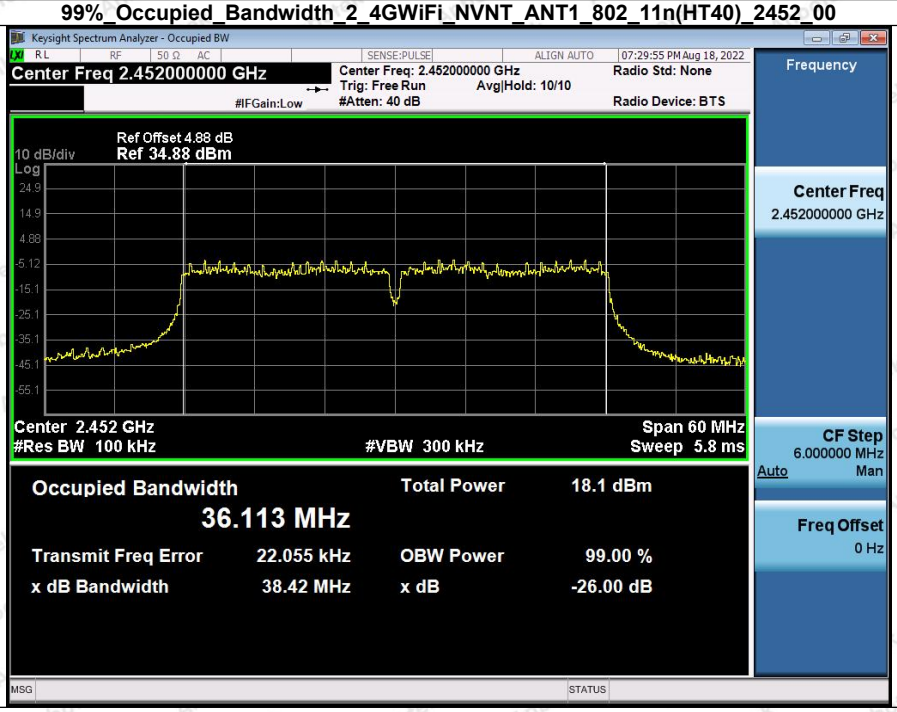
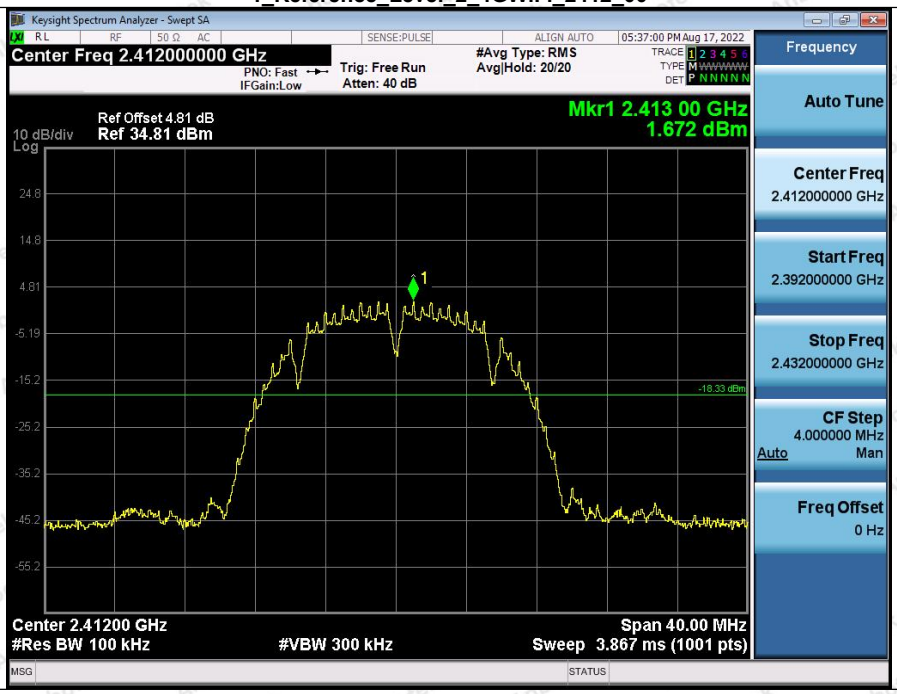


3. Bandedge

Condition	Antenna	Modulation	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2310	2422	2396.91	-41.86	-18.33	Pass
NVNT	ANT1	802.11b	2450.00	2500.00	2483.60	-43.31	-17.68	Pass
NVNT	ANT1	802.11g	2310	2422	2399.94	-35.12	-19.96	Pass
NVNT	ANT1	802.11g	2450.00	2500.00	2493.30	-43.81	-21.26	Pass
NVNT	ANT1	802.11n(HT20)	2310	2422	2399.15	-30.79	-23.83	Pass
NVNT	ANT1	802.11n(HT20)	2450.00	2500.00	2483.75	-39.83	-23.18	Pass
NVNT	ANT1	802.11n(HT40)	2310	2442	2399.76	-37.52	-23.64	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2500.00	2485.73	-41.82	-23.30	Pass

1_Reference_Level_2_4GWiFi_2412_00



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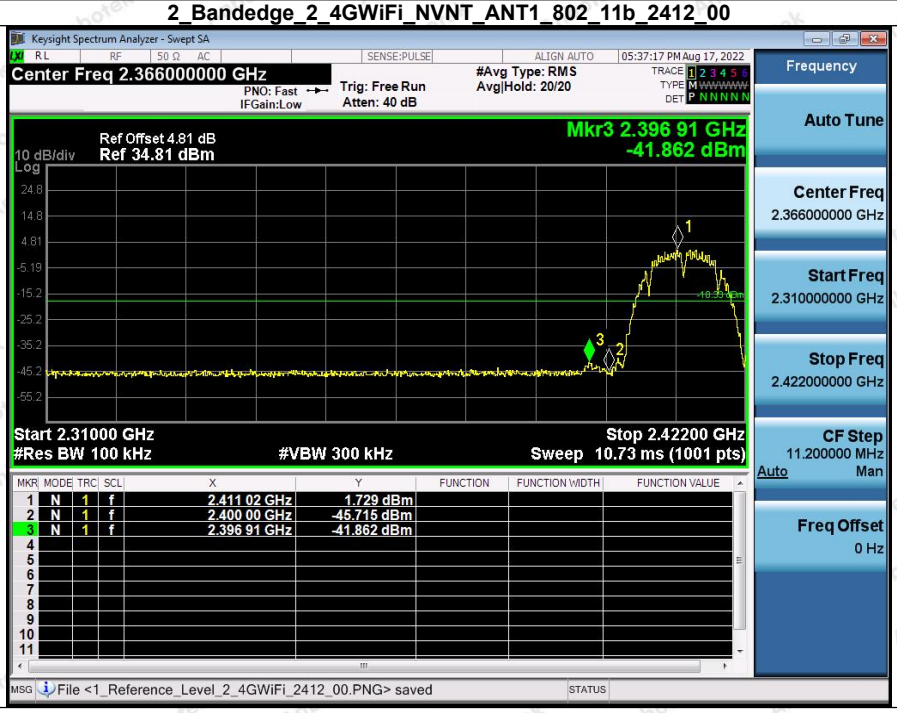

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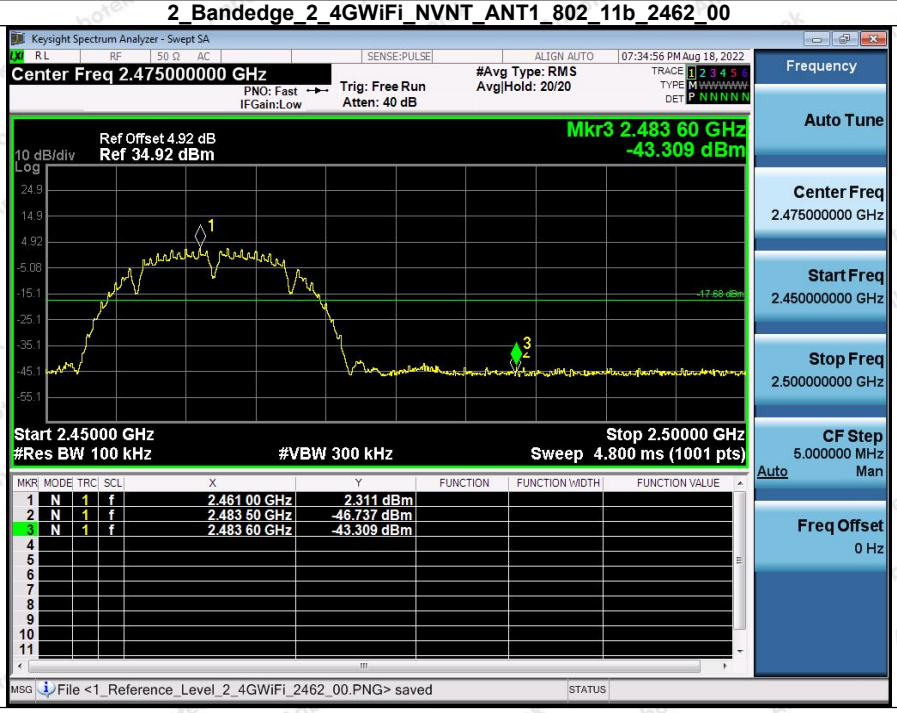
2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11b_2462_00



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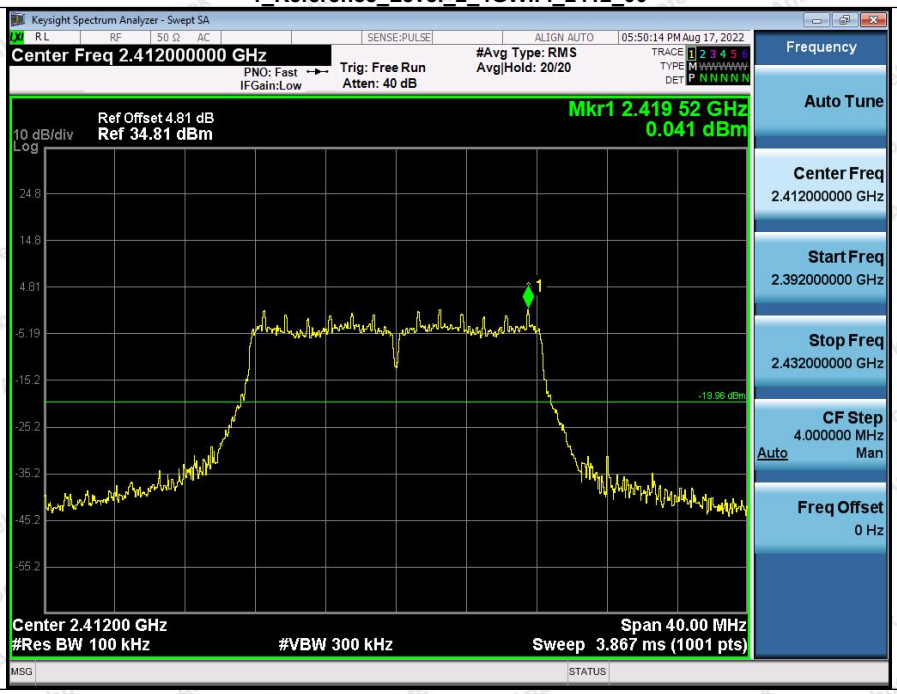

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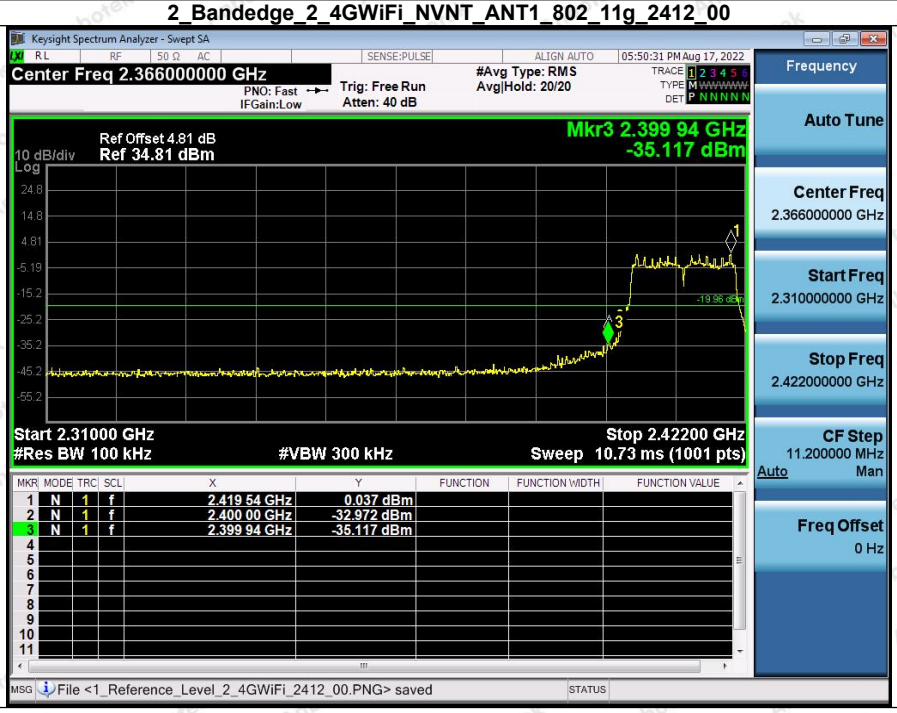
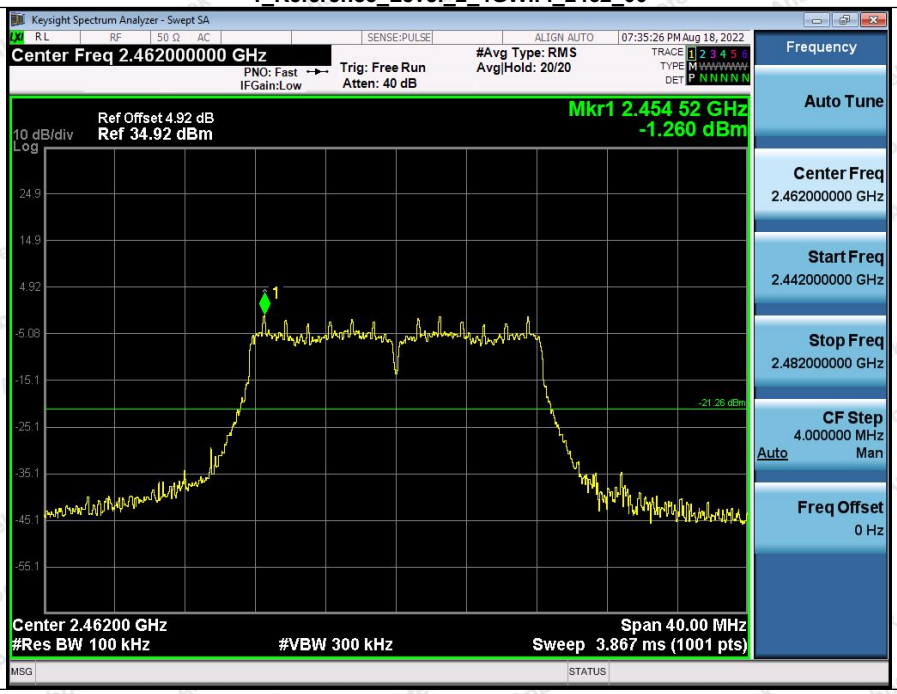
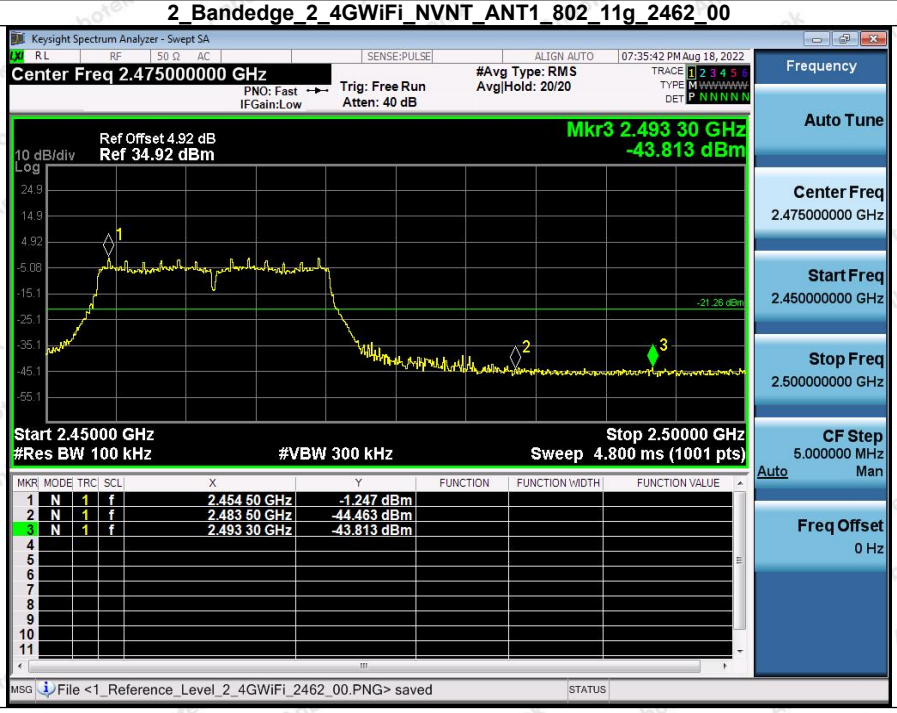


1_Reference_Level_2_4GWiFi_2462_00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