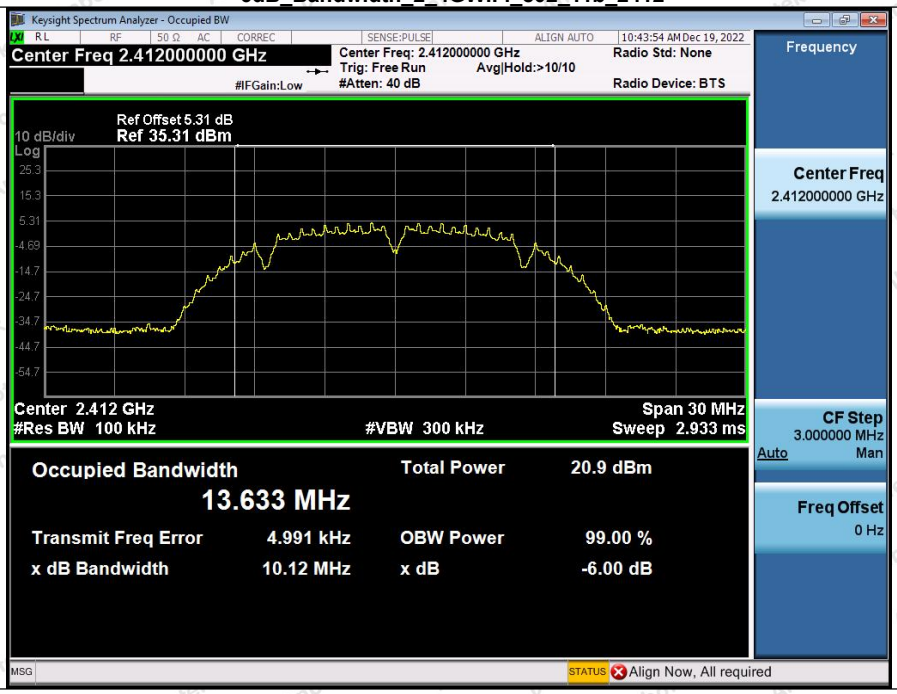
Appendix Test Data

Report No.:	78340WC20011501	Test Date:	2022.12.19
Test Engineer:	Qing Peng	Auditor:	Andy wang
Temperature:	24.3℃	Relative Humidity:	56.2%
Pressure:	1012 hPa		

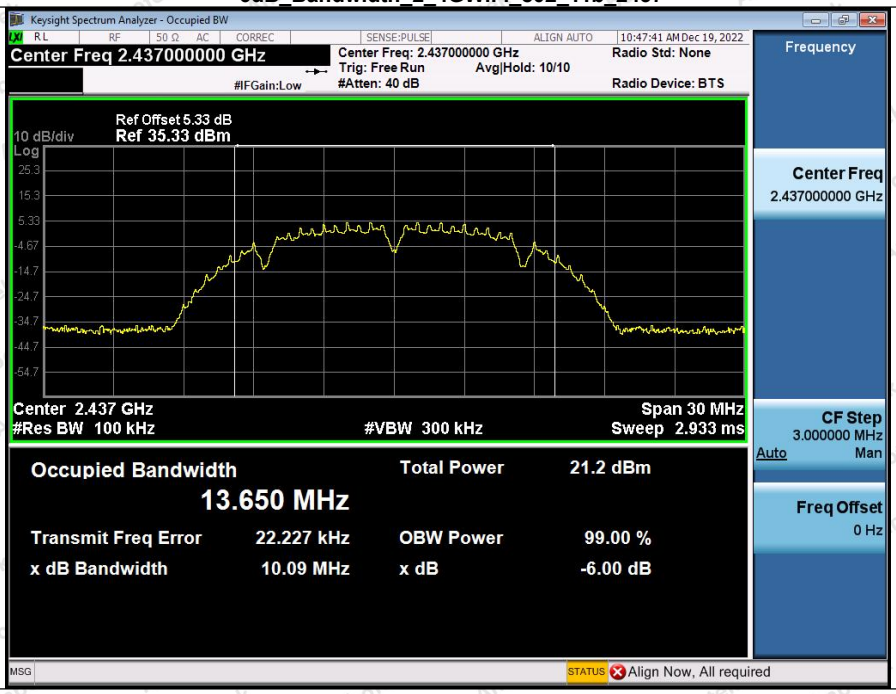
1. -6dB Bandwidth

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	10.09	500	Pass
NVNT	ANT1	802.11b	2462.00	10.11	500	Pass
NVNT	ANT1	802.11g	2412.00	16.40	500	Pass
NVNT	ANT1	802.11g	2437.00	16.41	500	Pass
NVNT	ANT1	802.11g	2462.00	16.40	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	16.61	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	16.61	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	16.61	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	36.48	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	36.48	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	36.48	500	Pass

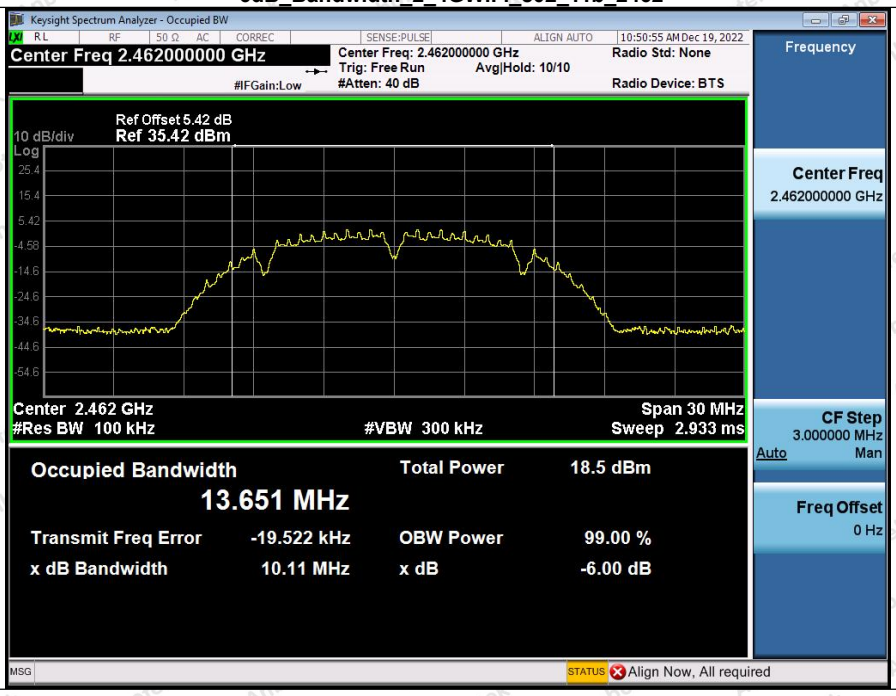
-6dB_Bandwidth_2_4GWiFi_802_11b_2412



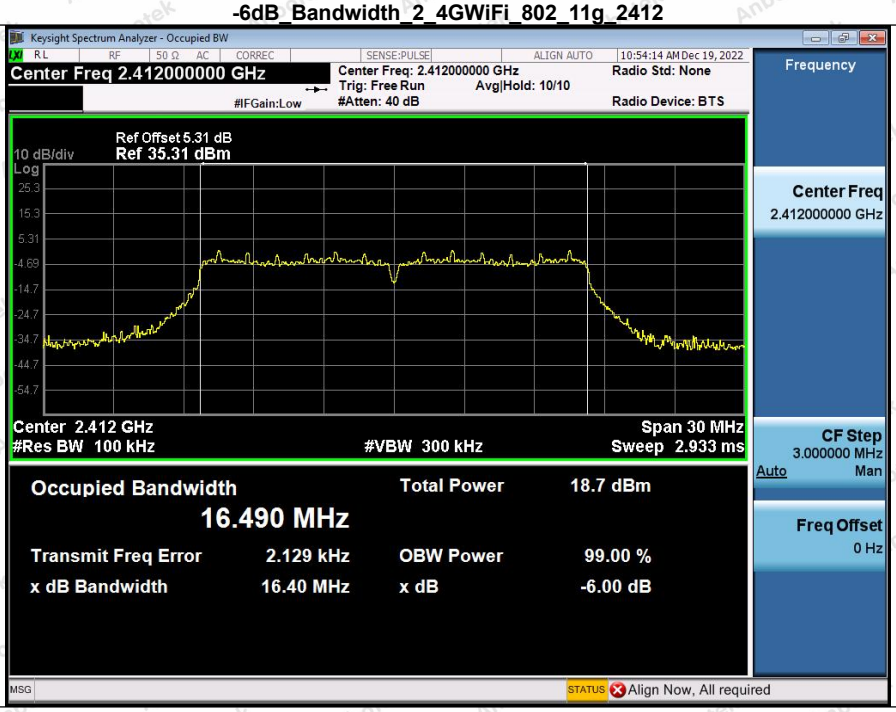
-6dB_Bandwidth_2_4GWiFi_802_11b_2437



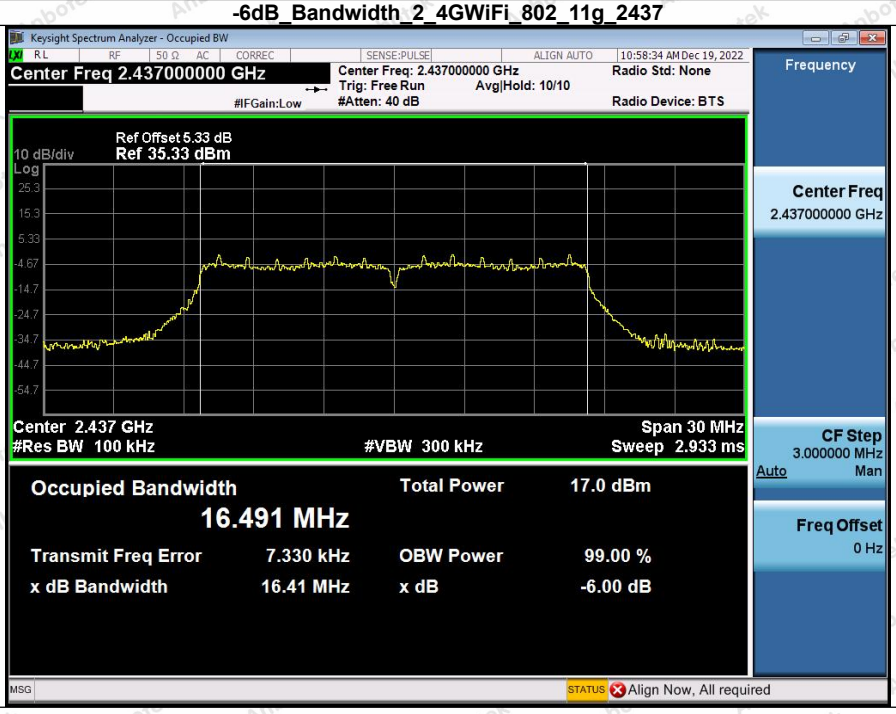
-6dB_Bandwidth_2_4GWiFi_802_11b_2462



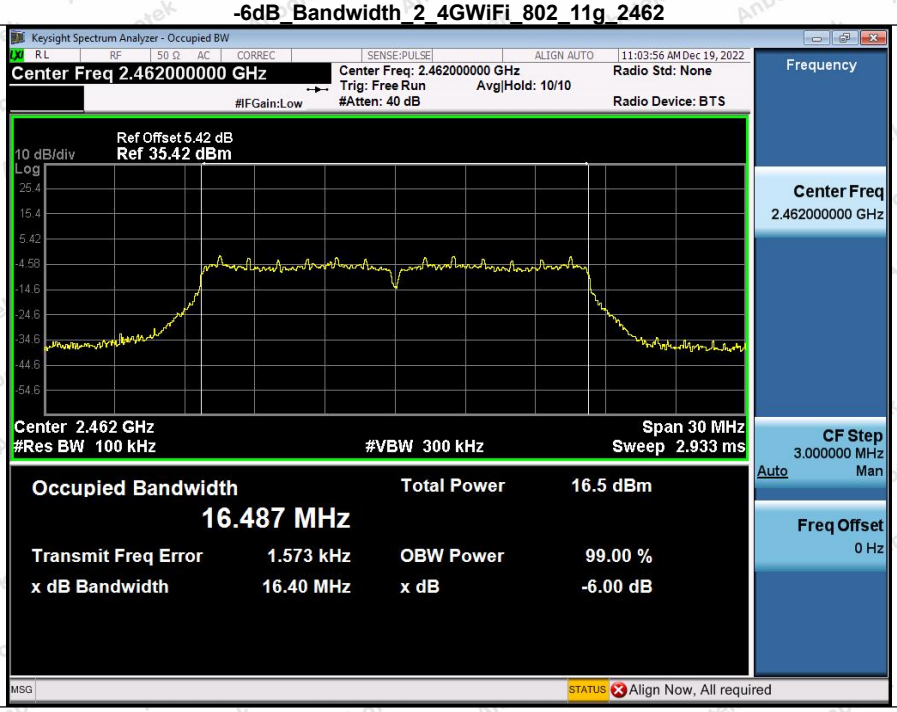
-6dB_Bandwidth_2_4GWiFi_802_11g_2412



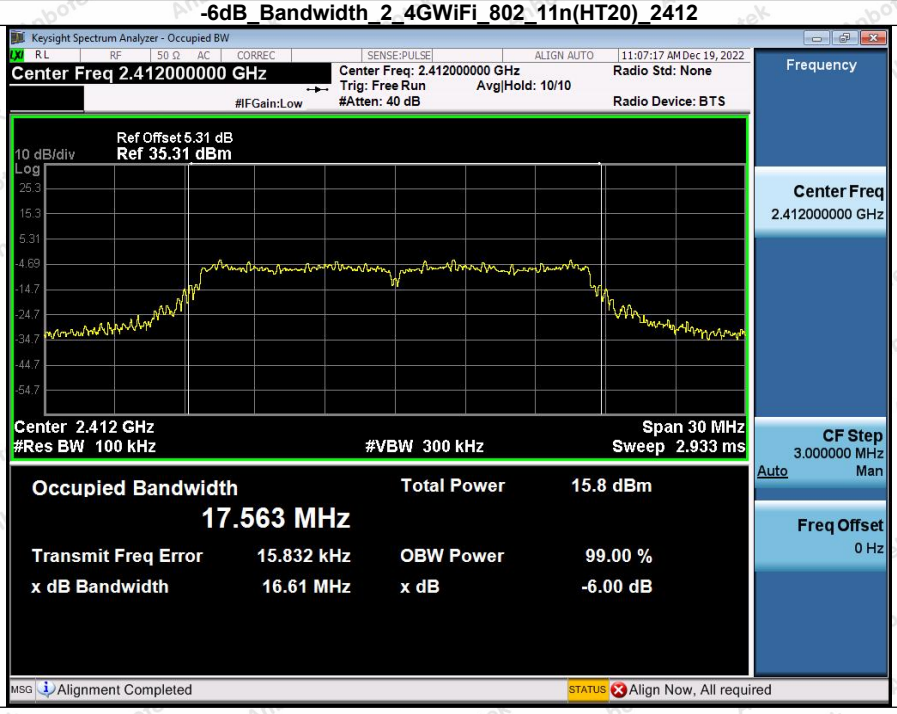
-6dB_Bandwidth_2_4GWiFi_802_11g_2437



-6dB_Bandwidth_2_4GWiFi_802_11g_2462



-6dB_Bandwidth_2_4GWiFi_802_11n(HT20)_2412



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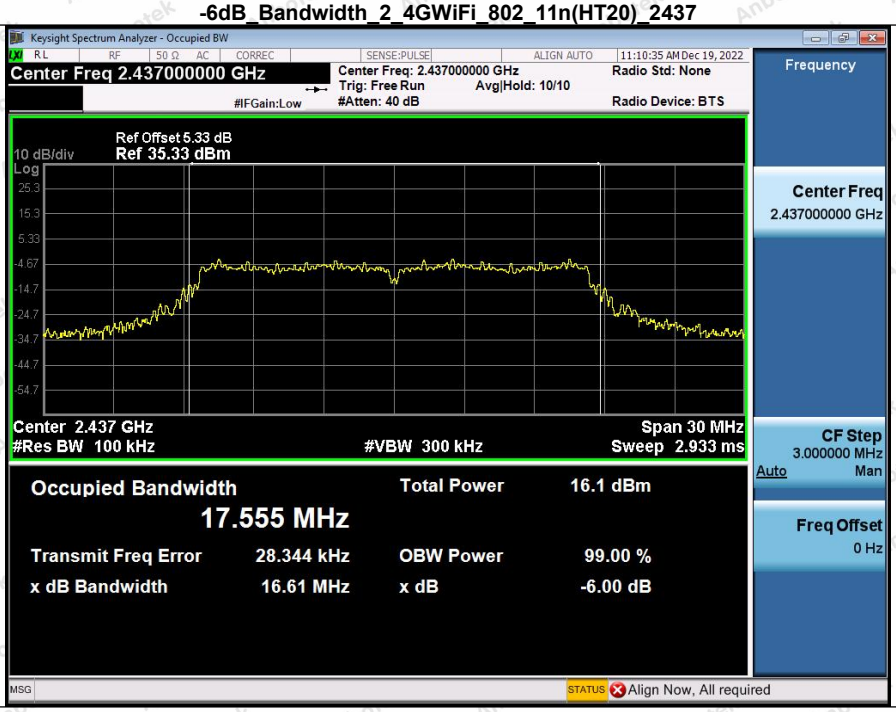
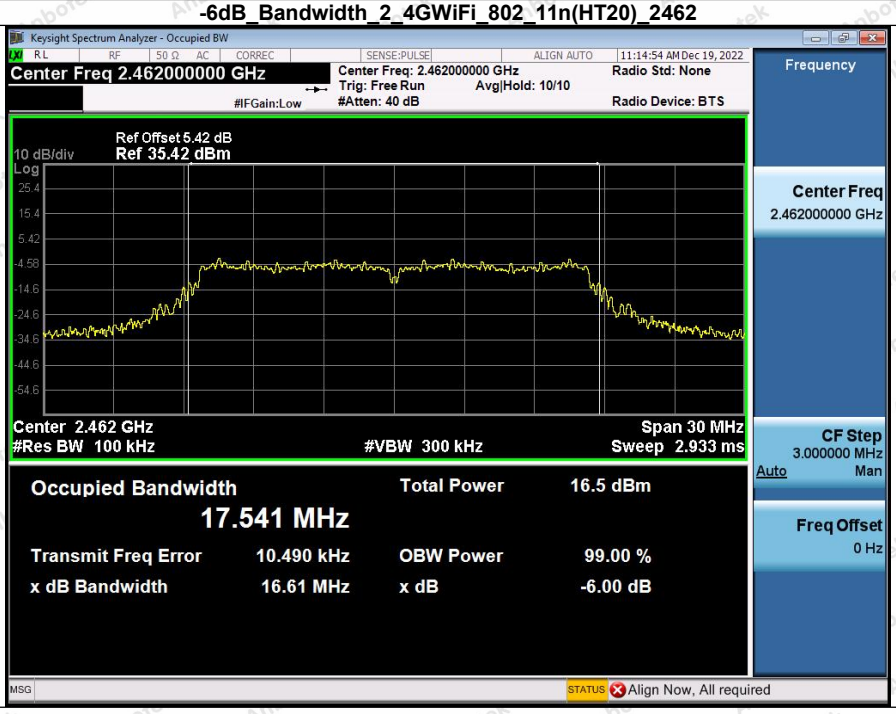
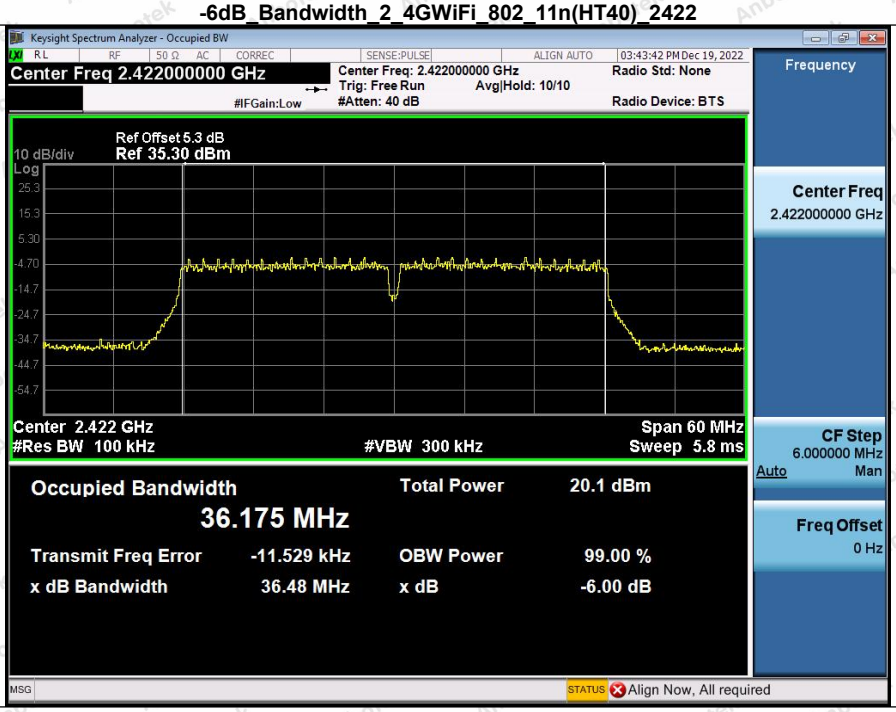


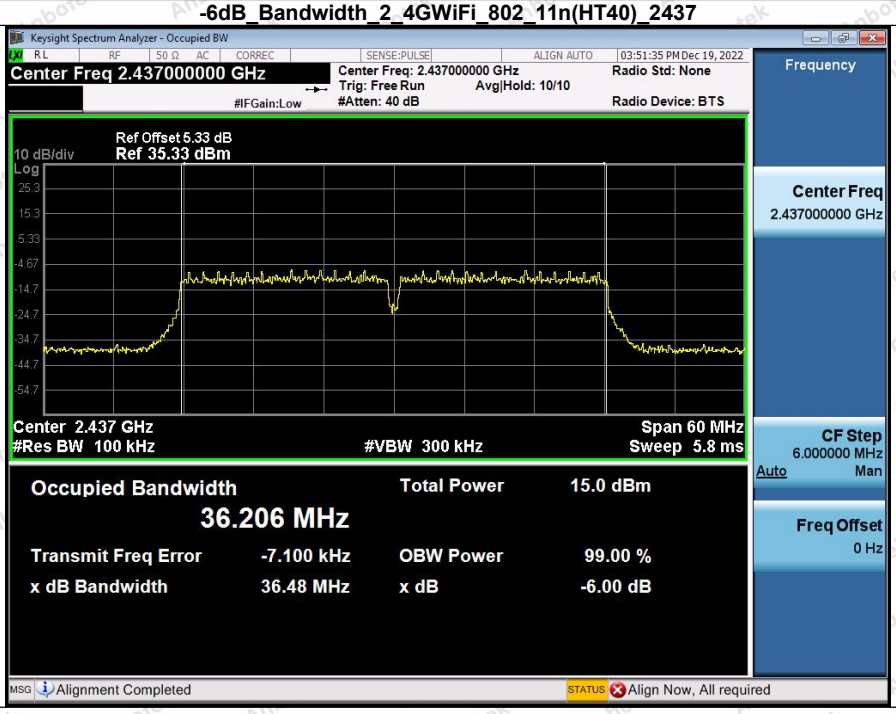
-6dB_Bandwidth_2_4GWiFi_802_11n(HT20)_2462



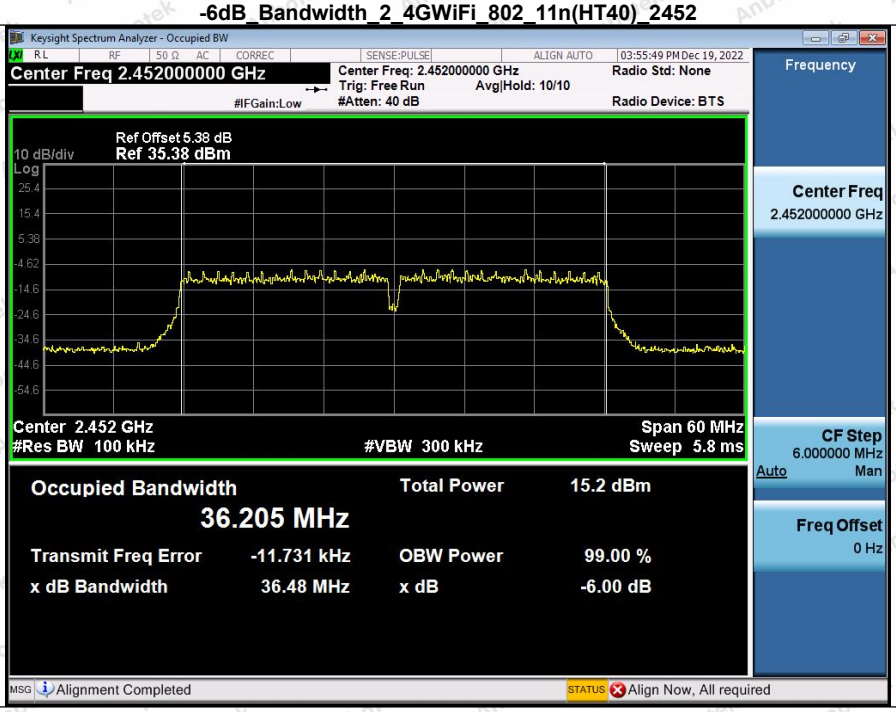
-6dB_Bandwidth_2_4GWiFi_802_11n(HT40)_2422



-6dB_Bandwidth_2_4GWiFi_802_11n(HT40)_2437



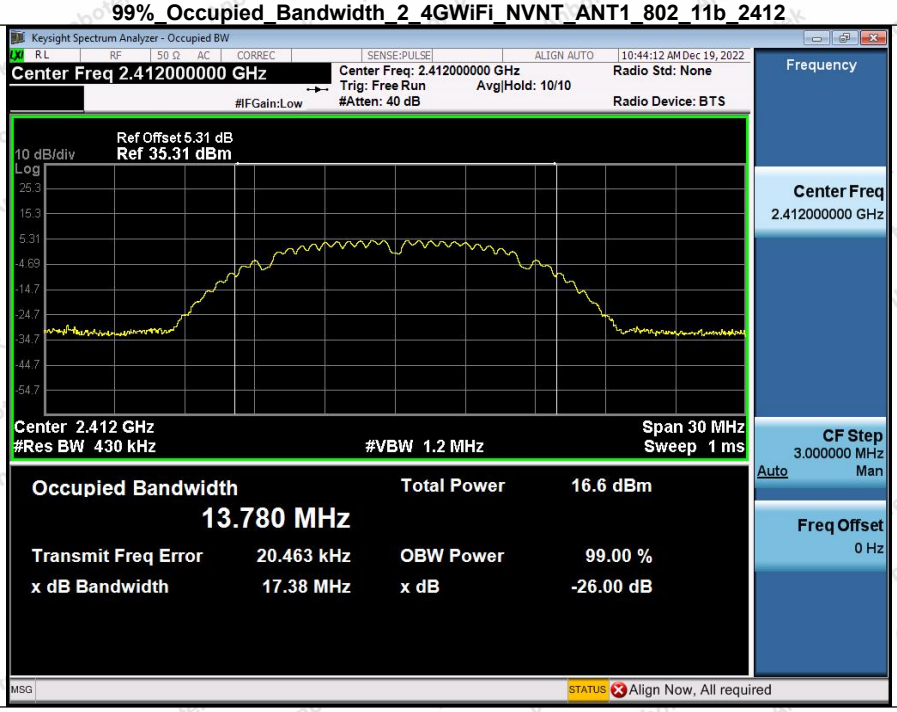
-6dB_Bandwidth_2_4GWiFi_802_11n(HT40)_2452



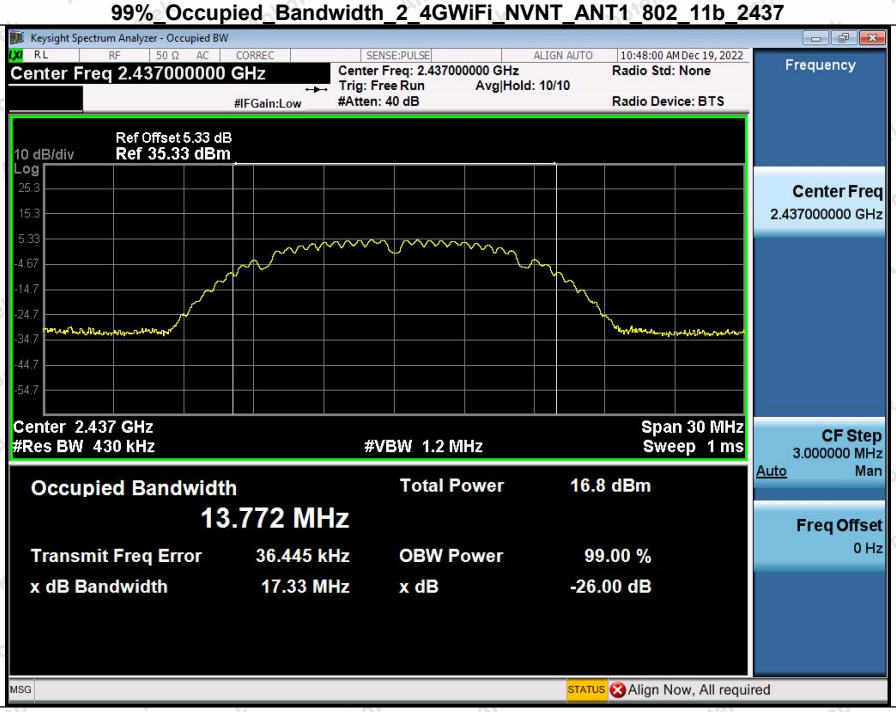
2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99%%BW(MHz)
NVNT	ANT1	802.11b	2412.00	13.780
NVNT	ANT1	802.11b	2437.00	13.772
NVNT	ANT1	802.11b	2462.00	13.769
NVNT	ANT1	802.11g	2412.00	17.114
NVNT	ANT1	802.11g	2437.00	17.135
NVNT	ANT1	802.11g	2462.00	17.161
NVNT	ANT1	802.11n(HT20)	2412.00	20.099
NVNT	ANT1	802.11n(HT20)	2437.00	19.905
NVNT	ANT1	802.11n(HT20)	2462.00	19.690
NVNT	ANT1	802.11n(HT40)	2422.00	36.758
NVNT	ANT1	802.11n(HT40)	2437.00	36.842
NVNT	ANT1	802.11n(HT40)	2452.00	36.828

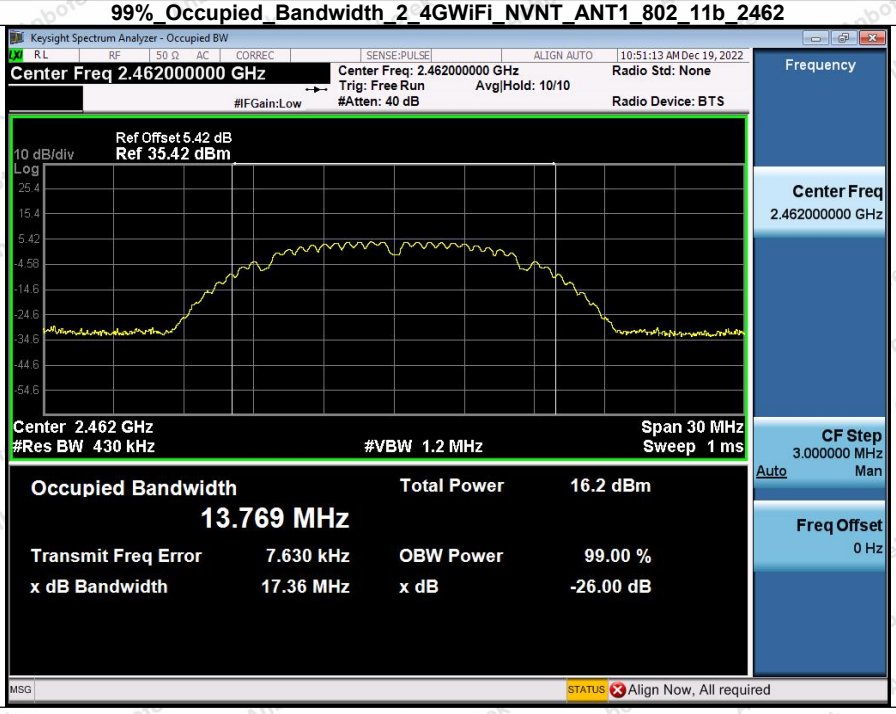
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11b_2412



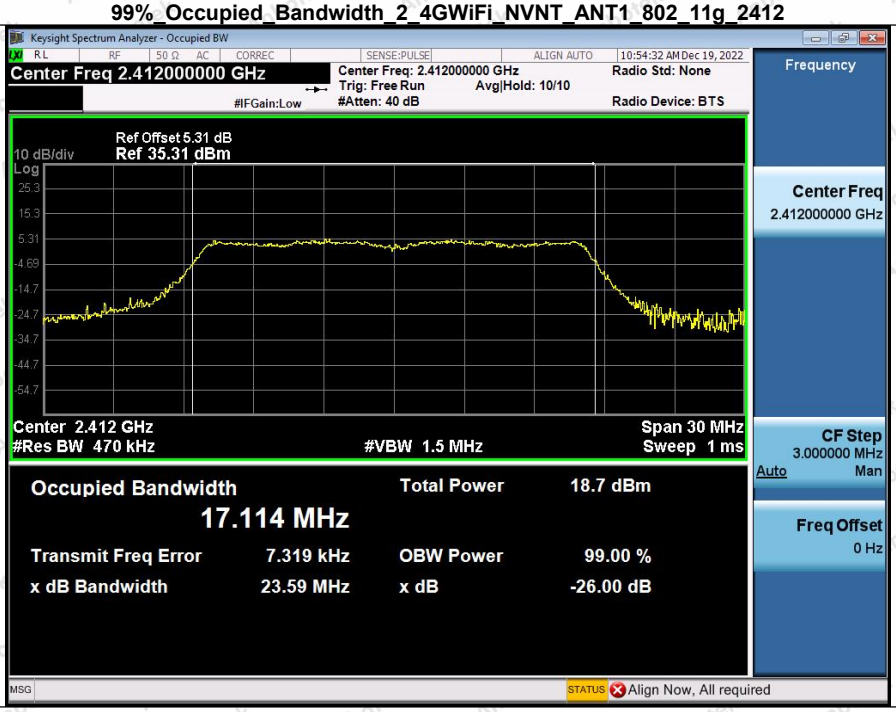
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11b_2437



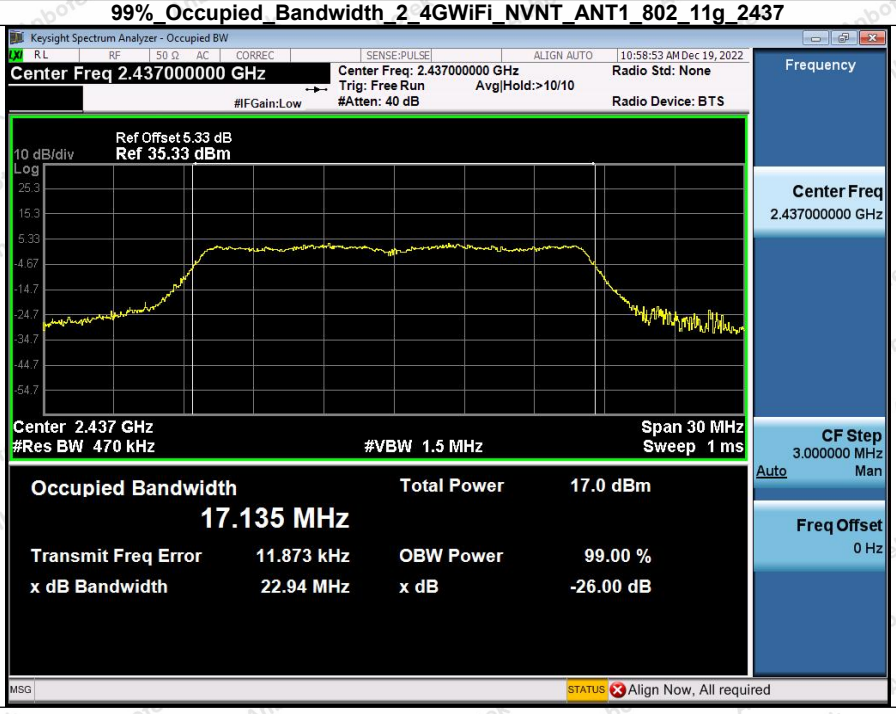
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11b_2462



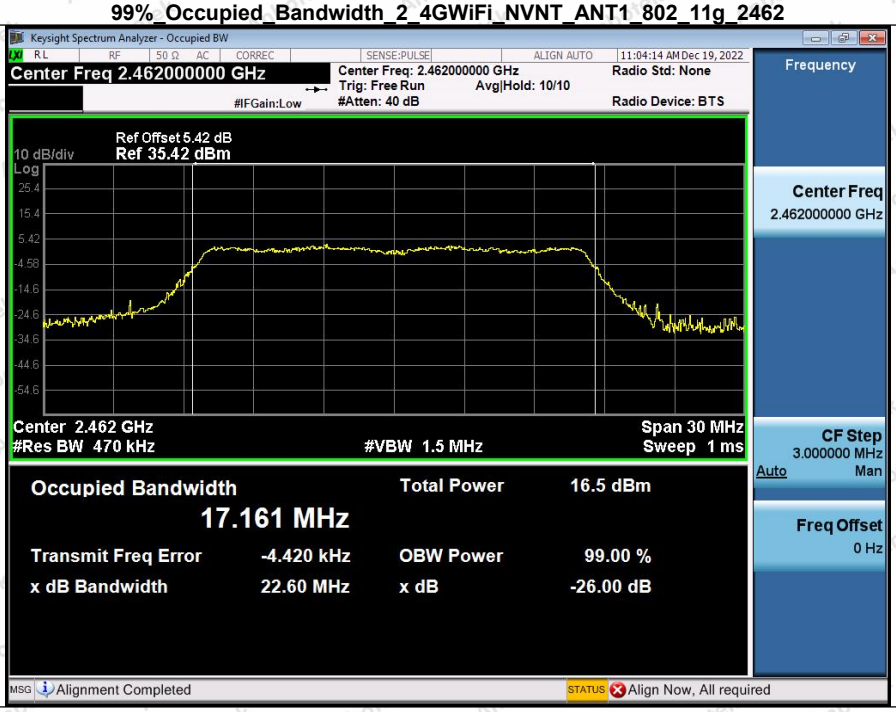
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11g_2412



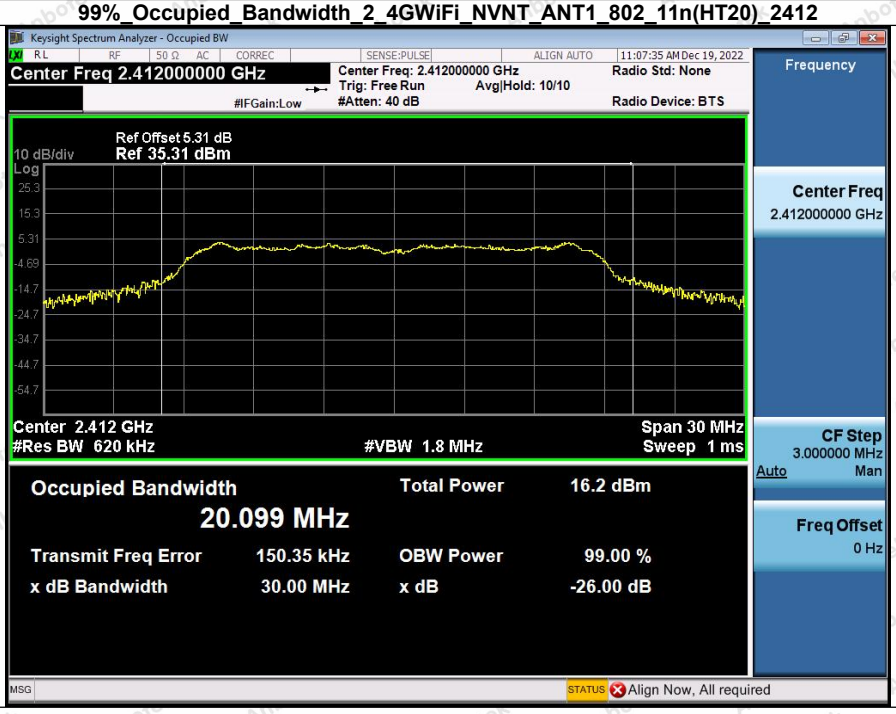
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11g_2437



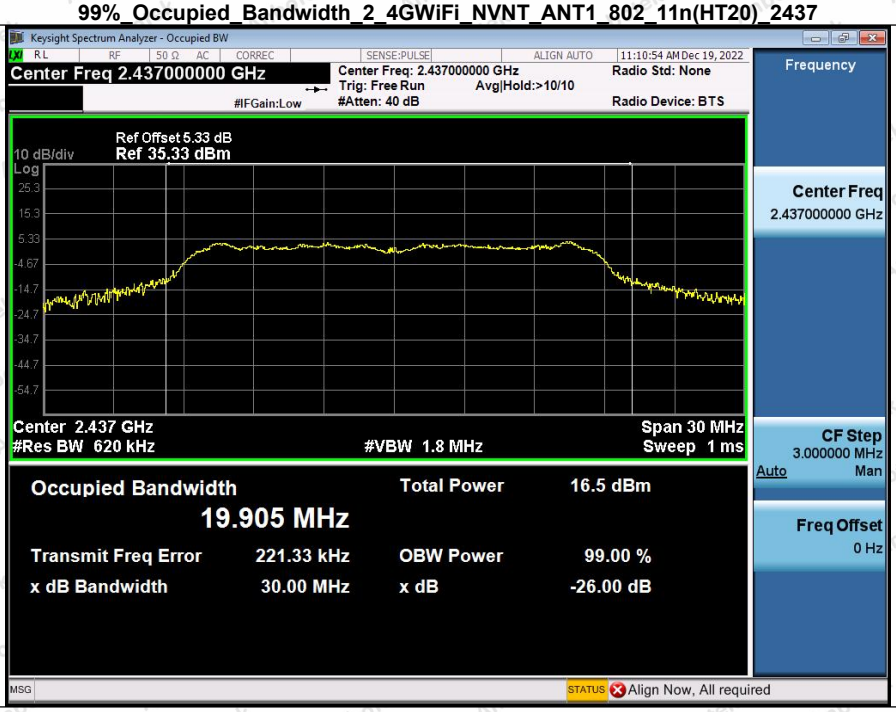
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11g_2462



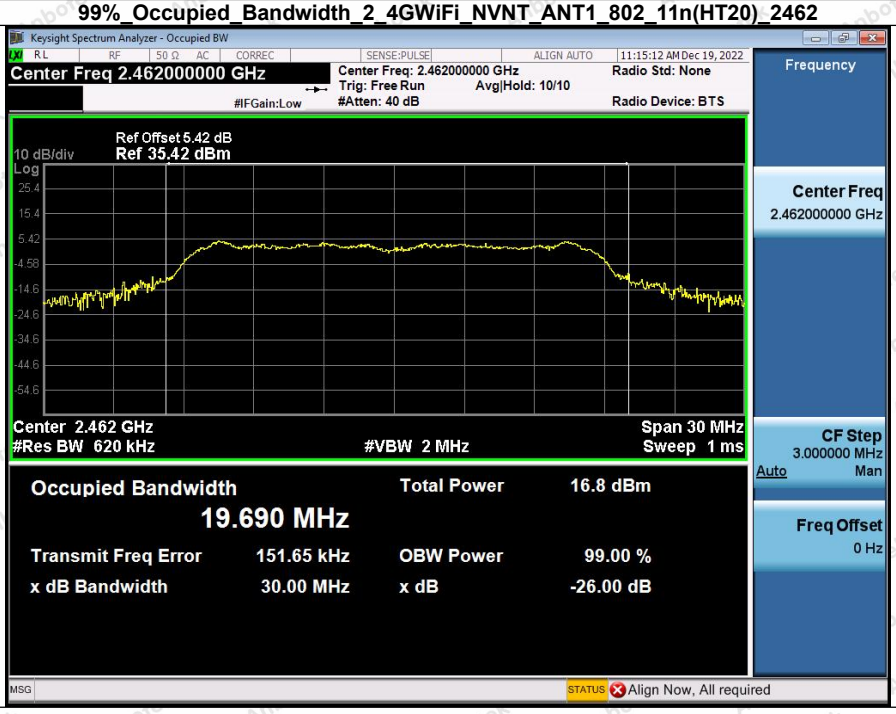
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2412



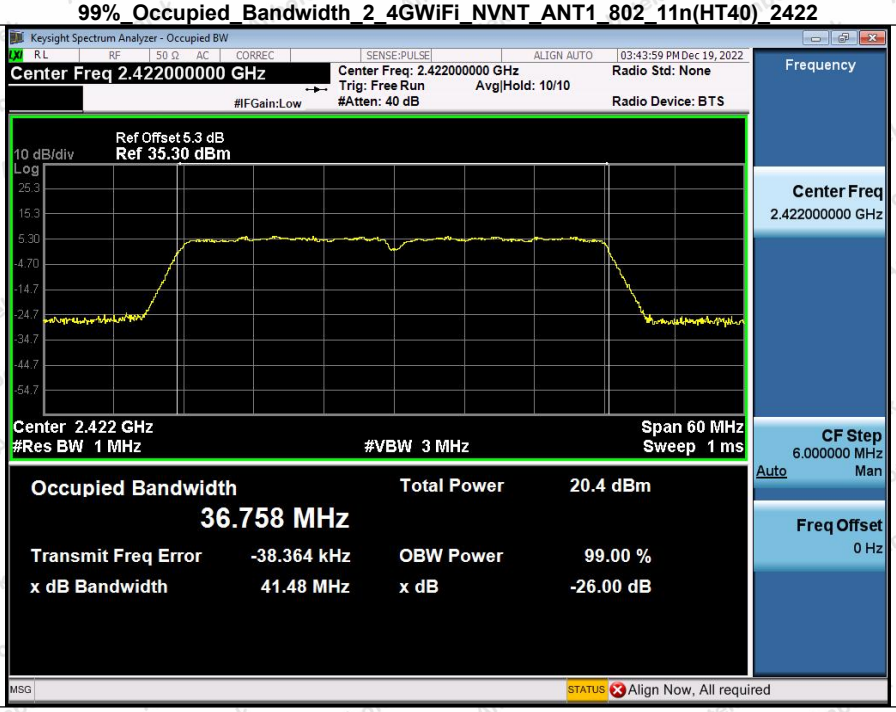
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2437



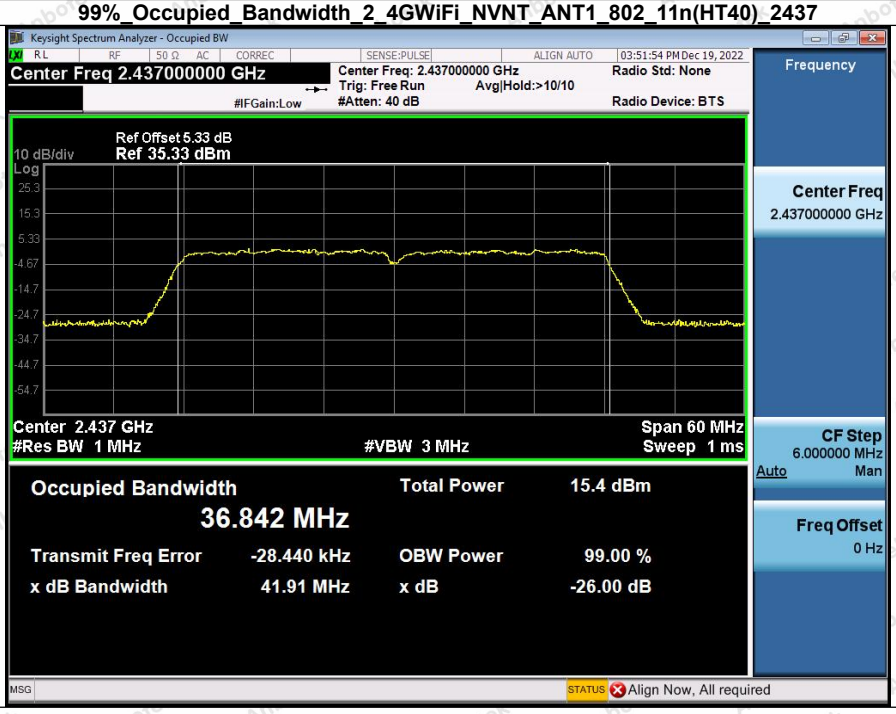
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2462



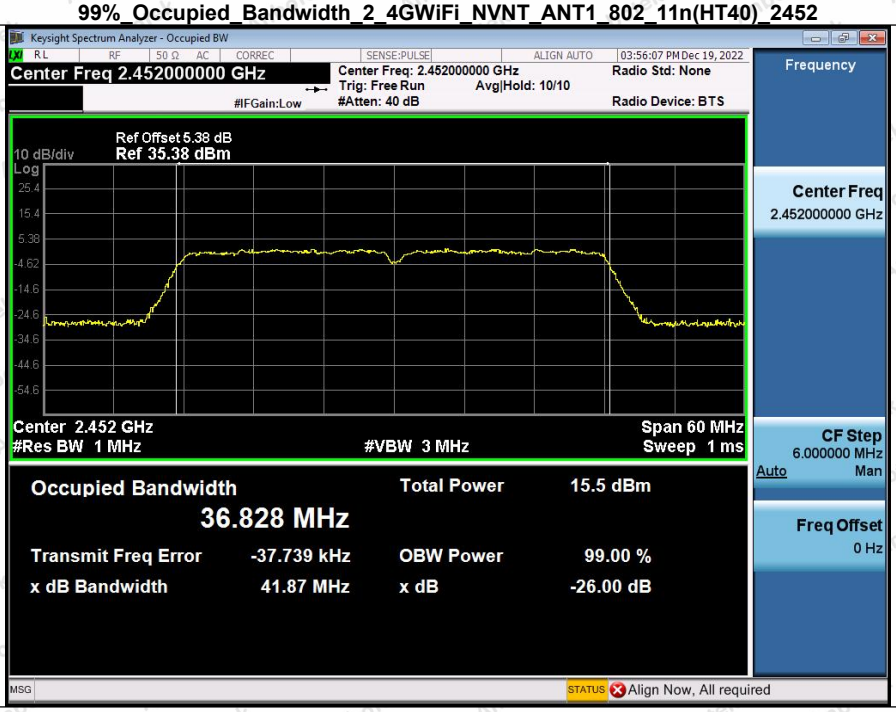
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2422



99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2437



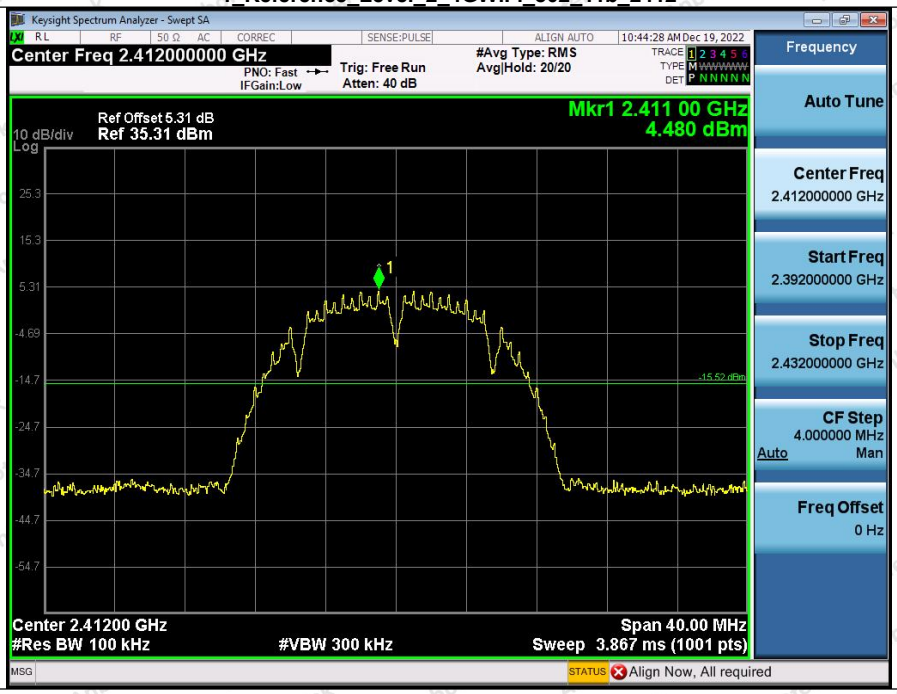
99%_Occupied_Bandwidth_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2452



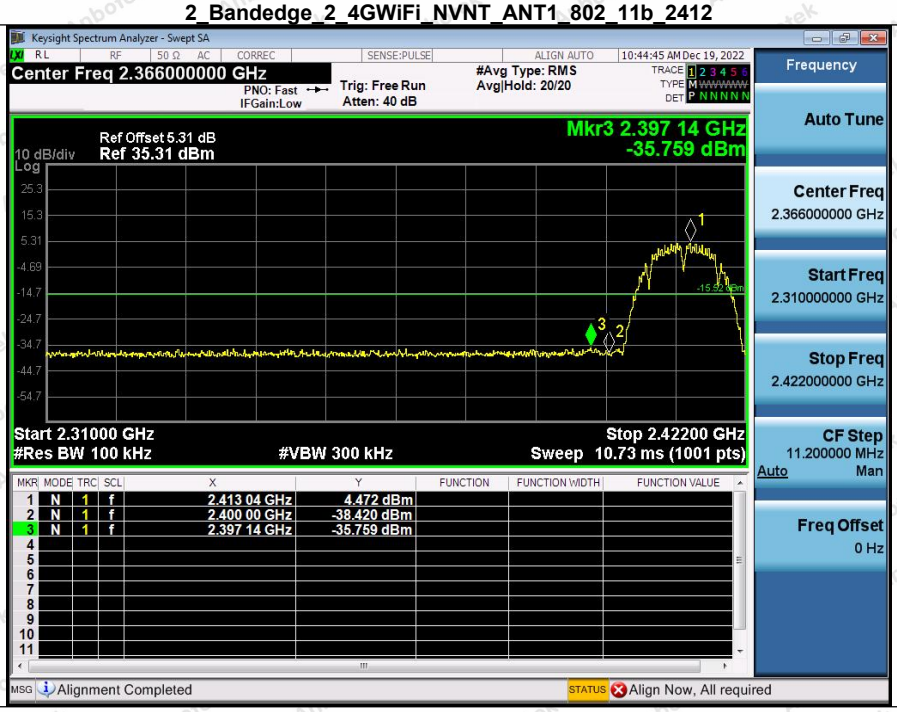
3. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2397.14	-35.76	-15.52	Pass
NVNT	ANT1	802.11b	2462.00	2497.55	-35.87	-15.90	Pass
NVNT	ANT1	802.11g	2412.00	2399.26	-31.76	-19.14	Pass
NVNT	ANT1	802.11g	2462.00	2495.15	-35.12	-21.23	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.82	-28.77	-22.80	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2486.70	-34.90	-22.33	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2396.99	-35.27	-21.90	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2494.56	-36.50	-26.72	Pass

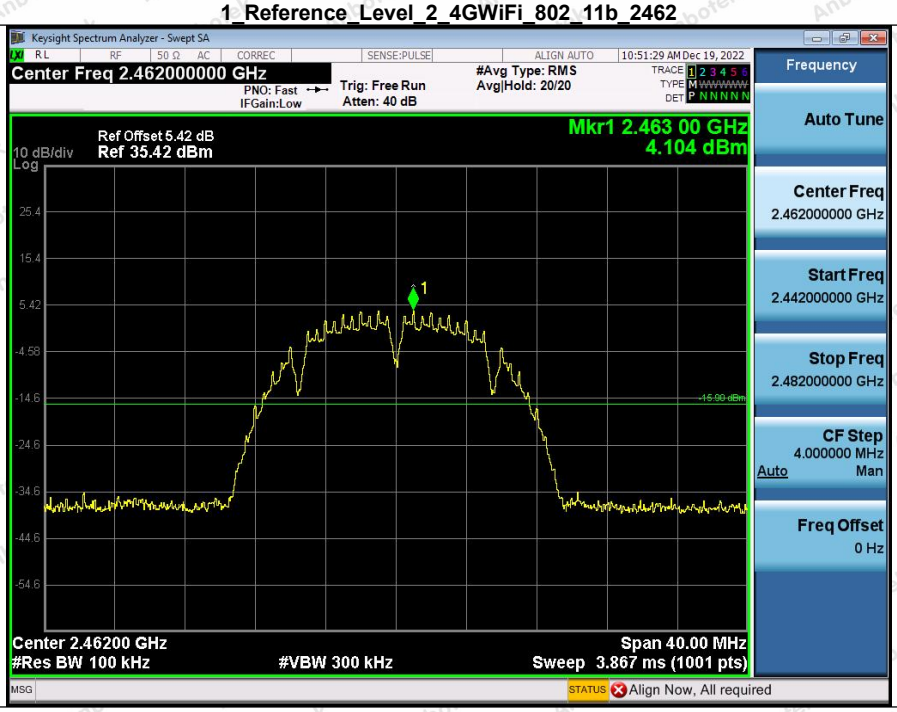
1_Reference_Level_2_4GWiFi_802_11b_2412



2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11b_2412



1_Reference_Level_2_4GWiFi_802_11b_2462



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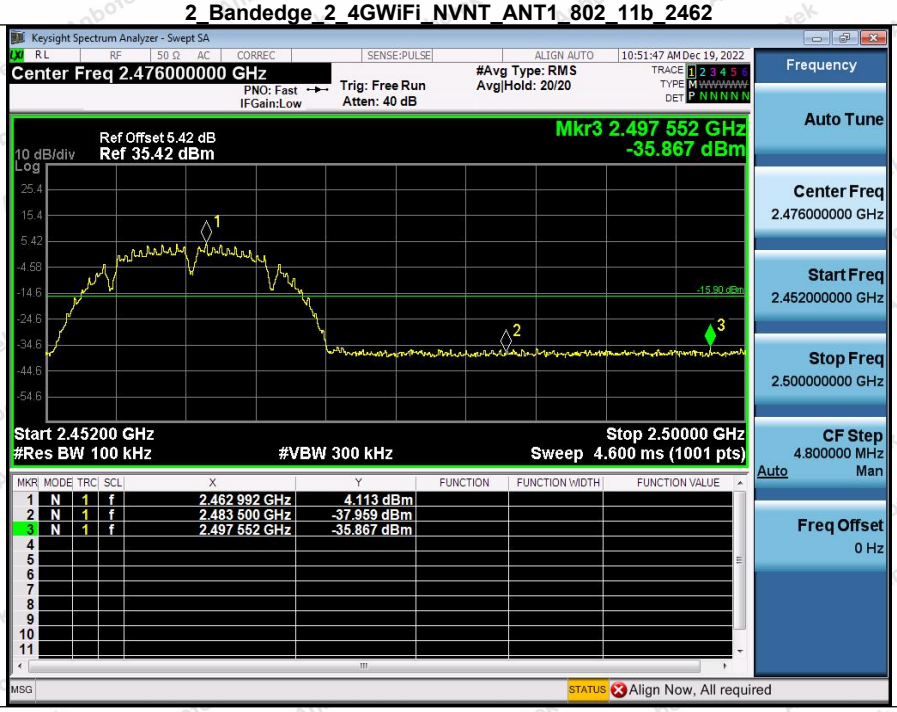
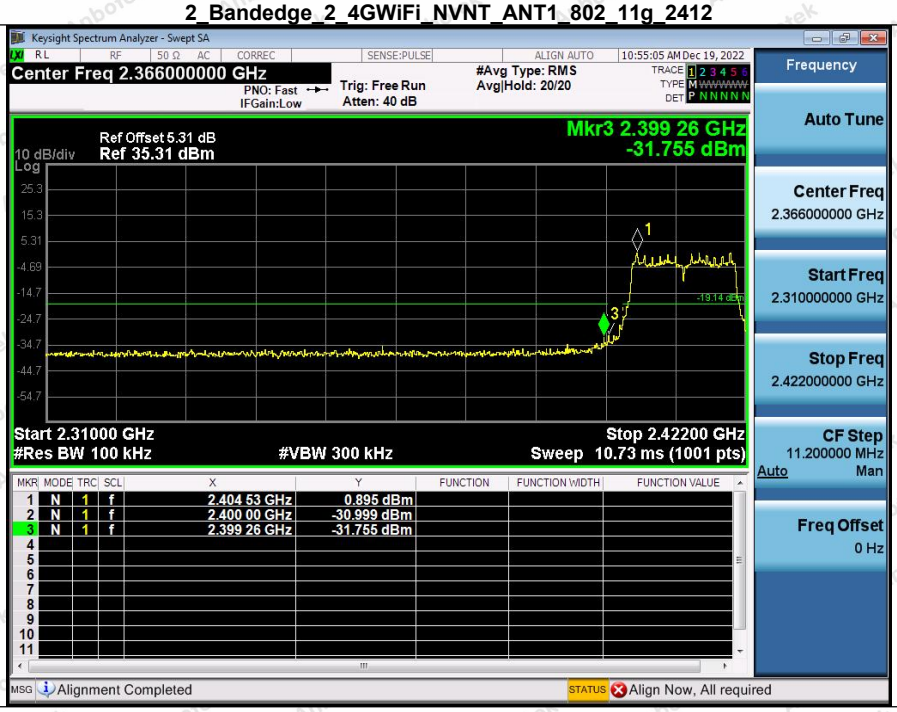


1_Reference_Level_2_4GWiFi_802_11g_2412

2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11g_2412



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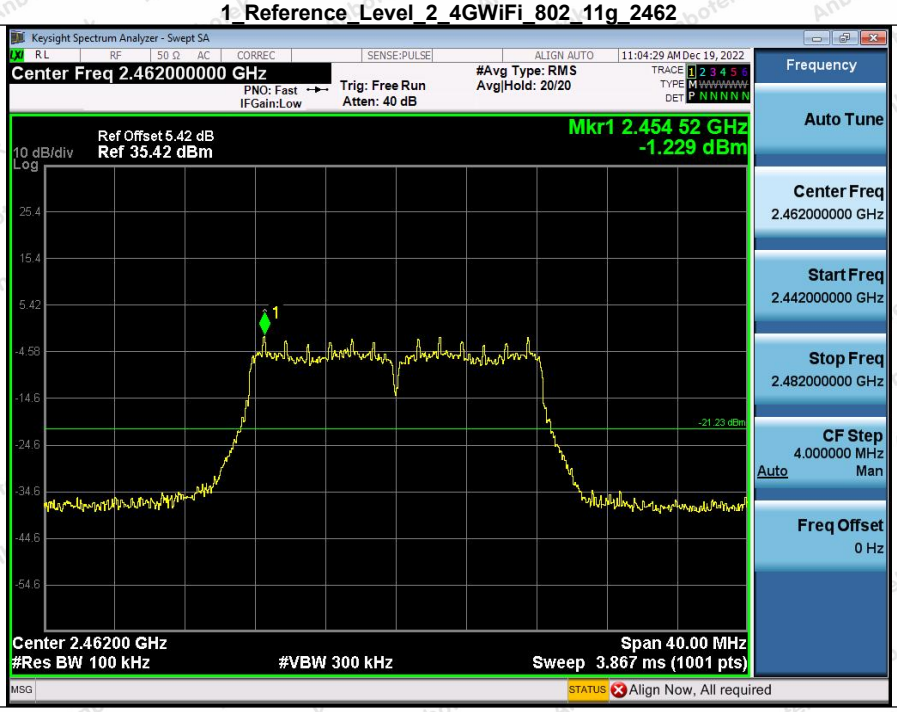

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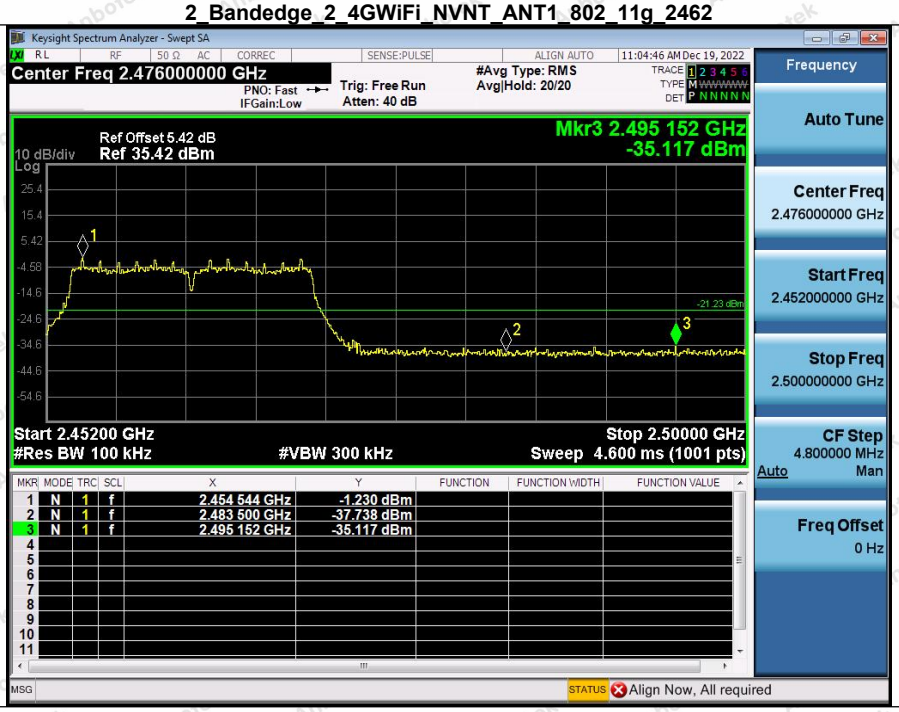
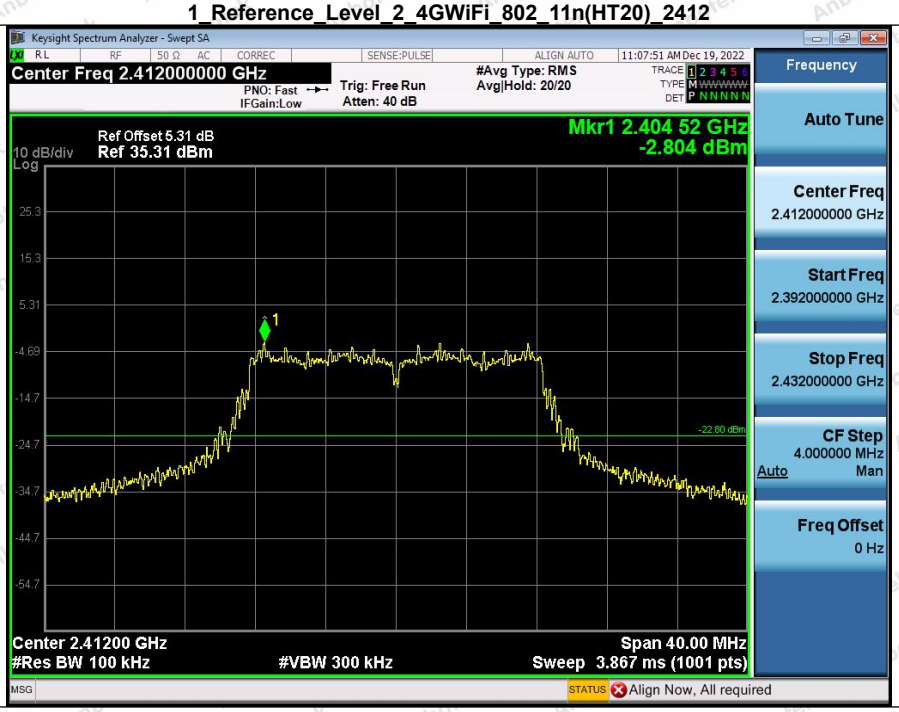
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