

**APPENDIX I: TEST RESULTS**

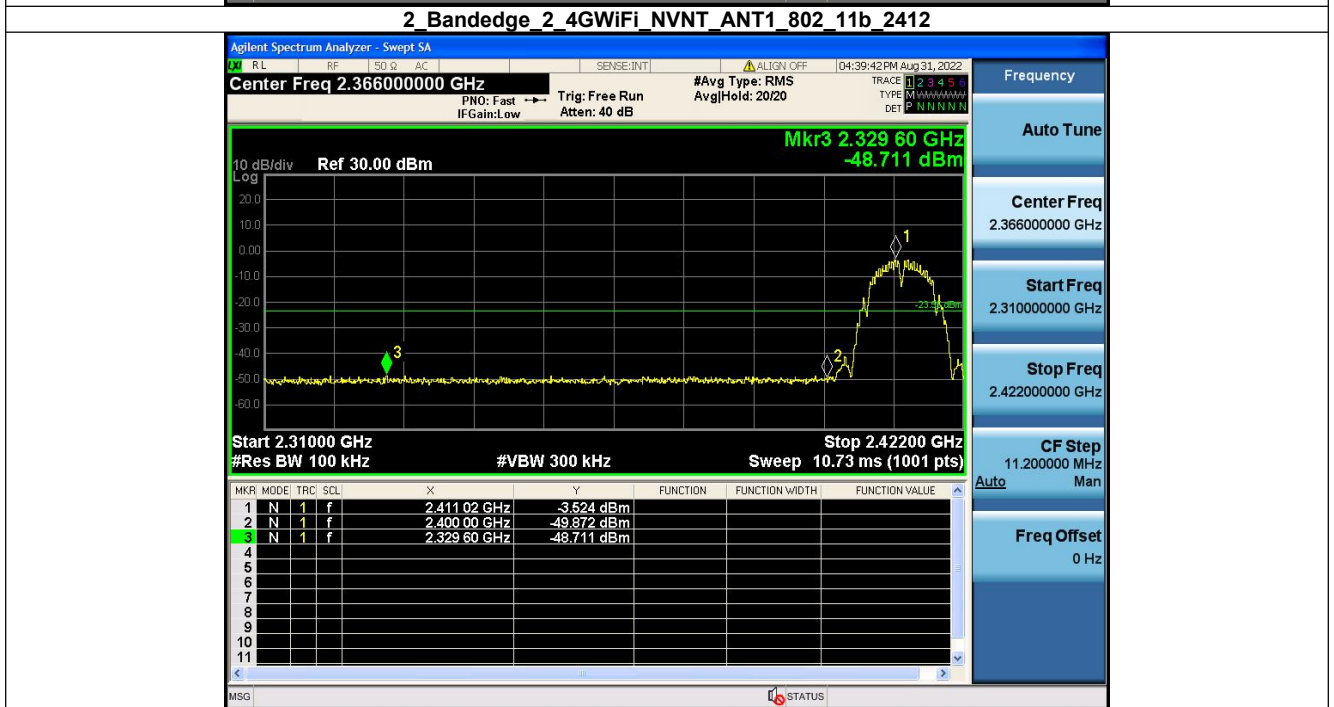
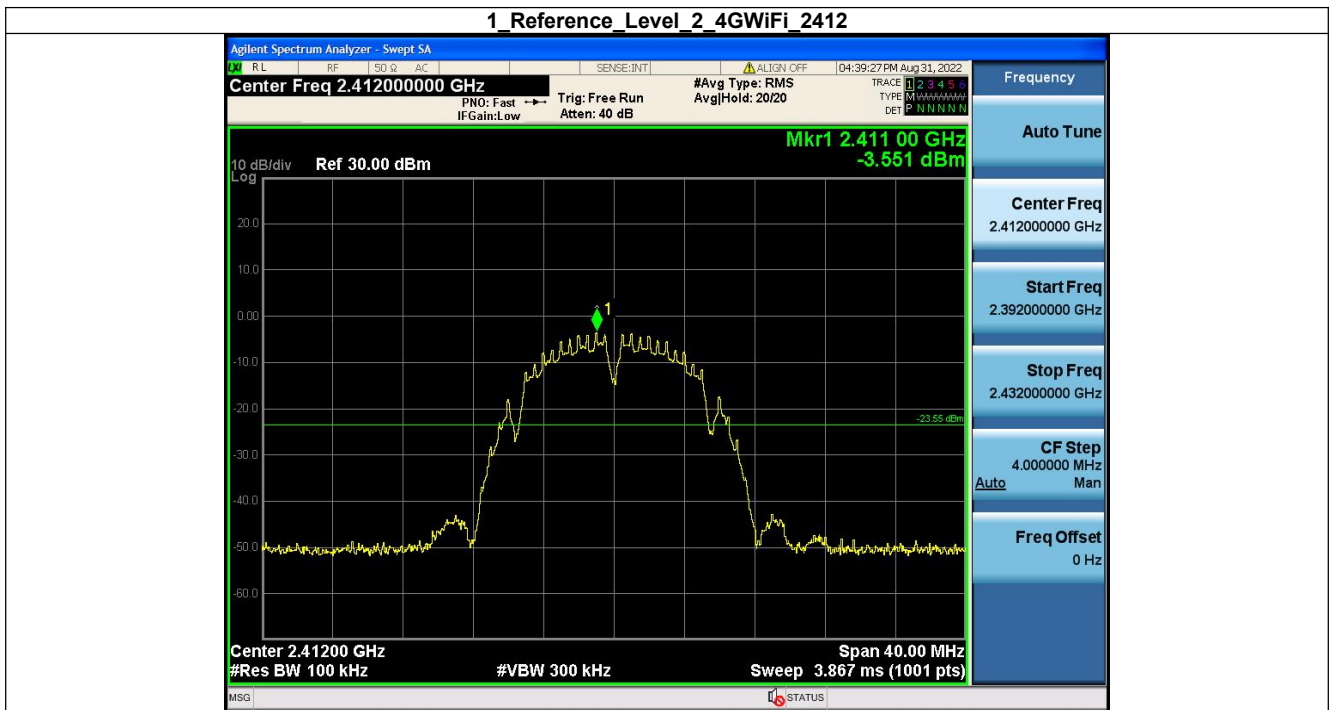
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### 3. Bandedge

| 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                 | 2329.60                  | -48.71              | -23.55     | Pass   |
| NVNT      | ANT1    | 802.11b       | 2452                  | 2500                 | 2496.11                  | -47.61              | -22.22     | Pass   |
| NVNT      | ANT1    | 802.11g       | 2310                  | 2422                 | 2399.26                  | -44.82              | -29.09     | Pass   |
| NVNT      | ANT1    | 802.11g       | 2452                  | 2500                 | 2486.42                  | -47.74              | -28.00     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2310                  | 2422                 | 2399.15                  | -42.36              | -29.15     | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2452                  | 2500                 | 2485.50                  | -47.76              | -28.07     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2310                  | 2442                 | 2399.76                  | -44.03              | -32.80     | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2432                  | 2500                 | 2490.96                  | -47.65              | -32.34     | Pass   |



# 1\_Reference\_Level\_2\_4GWiFi\_2462



# 2\_Bandedge\_2\_4GWiFi\_NVNT\_ANT1\_802\_11b\_2462



# 1\_Reference\_Level\_2\_4GWiFi\_2412



## 2\_Bandedge\_2\_4GWiFi\_NVNT\_ANT1\_802\_11g\_2412



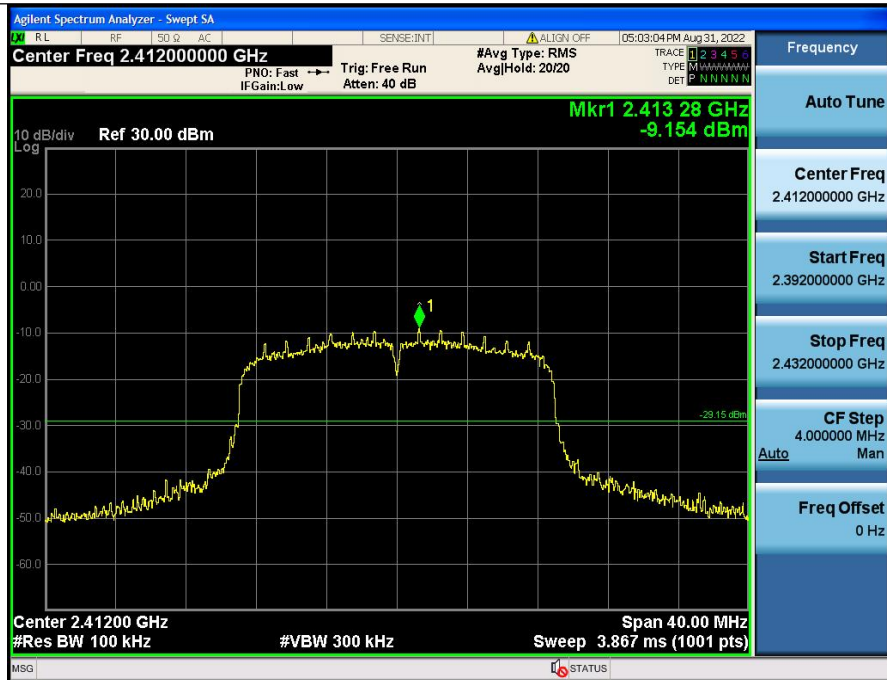
## 1\_Reference\_Level\_2\_4GWiFi\_2462



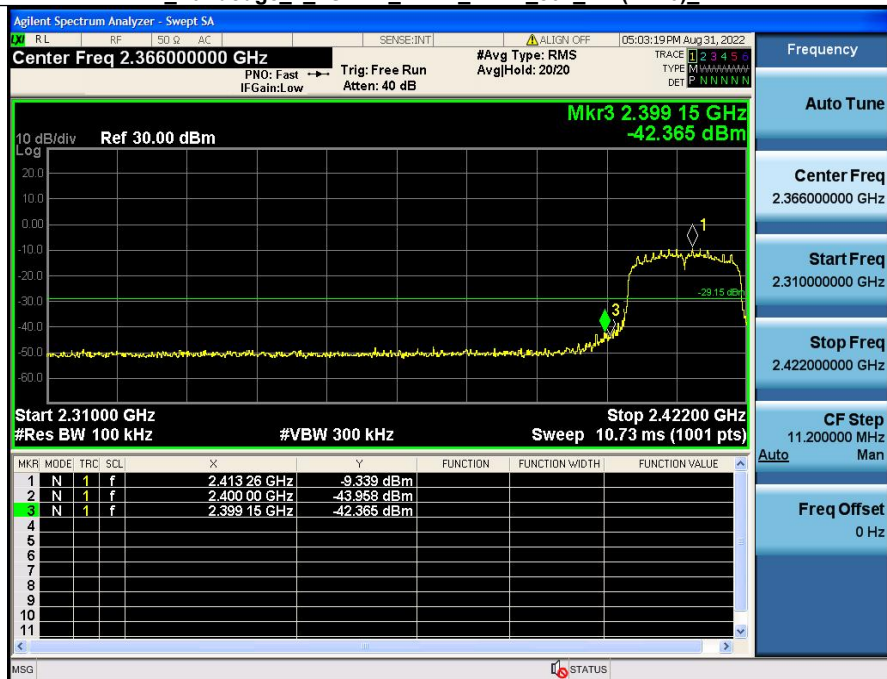
2\_Bandedge\_2\_4GWiFi\_NVNT\_ANT1\_802\_11g\_2462



1\_Reference\_Level\_2\_4GWiFi\_2412



## 2 Bandedge 2\_4GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_2412



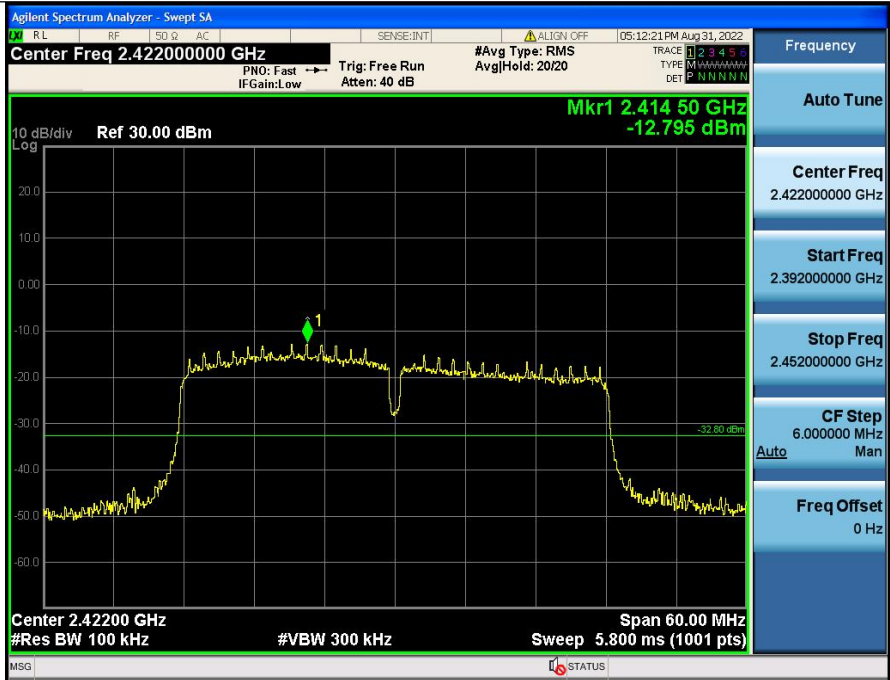
## 1\_Reference\_Level\_2\_4GWiFi\_2462



## 2 Bandedge 2\_4GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_2462



## 1 Reference\_Level\_2\_4GWiFi\_2422



2 Bandedge 2\_4GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_2422



1 Reference\_Level\_2\_4GWiFi\_2452

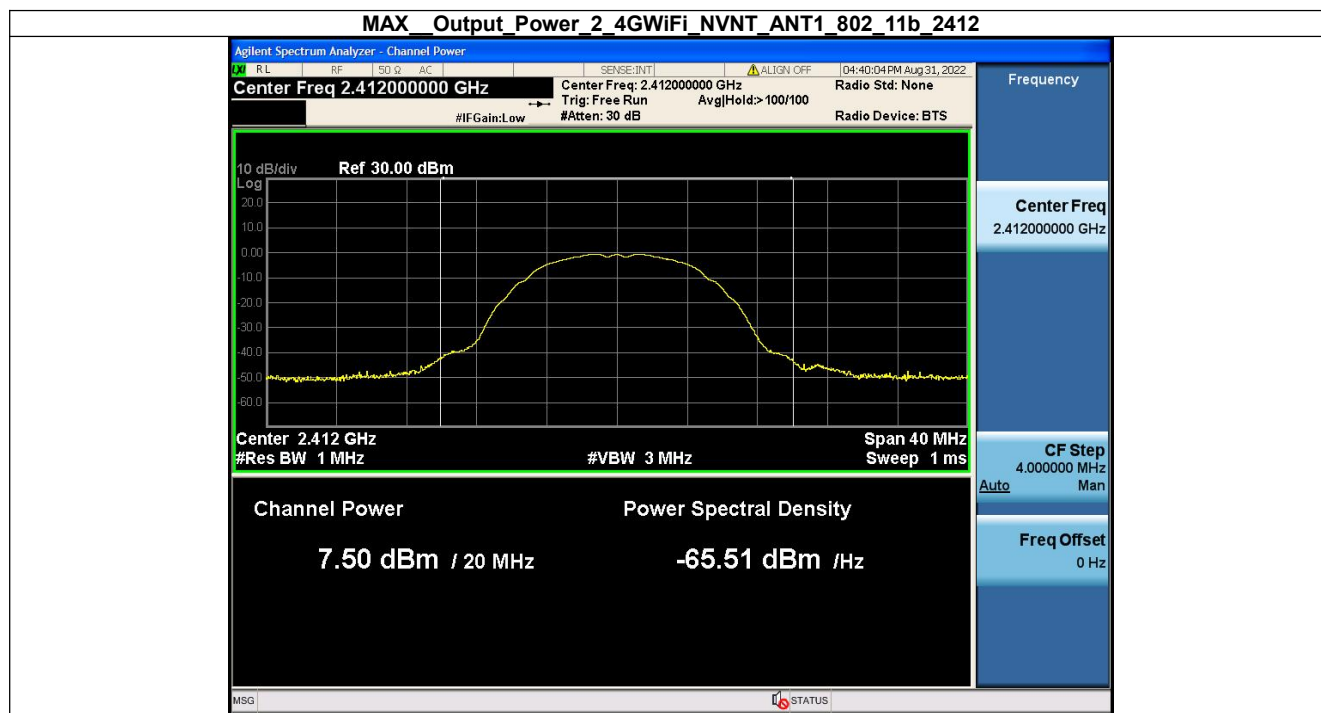


## 2 Bandedge 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_2452

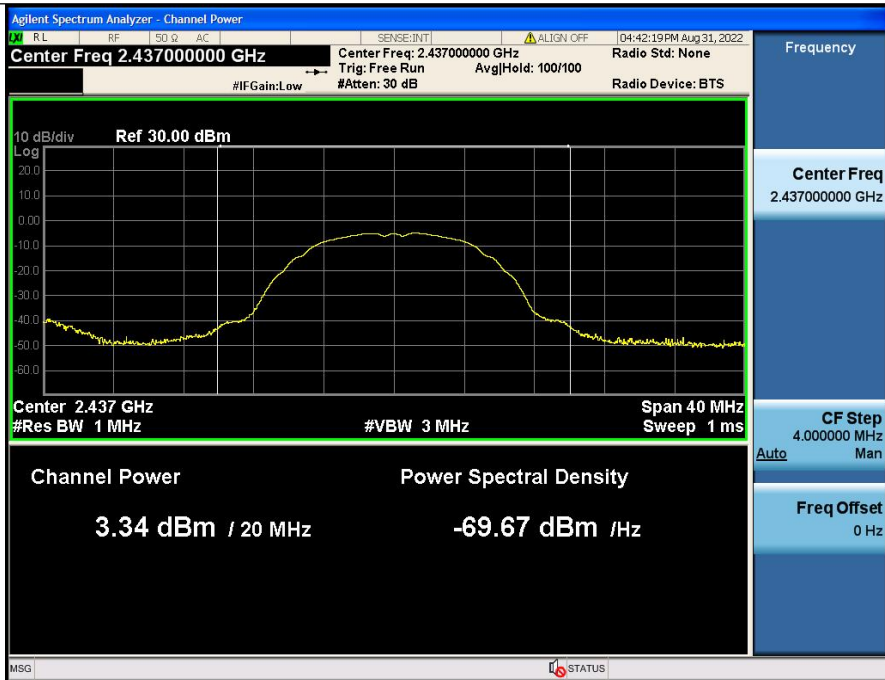


## 4. MAX. Output Power

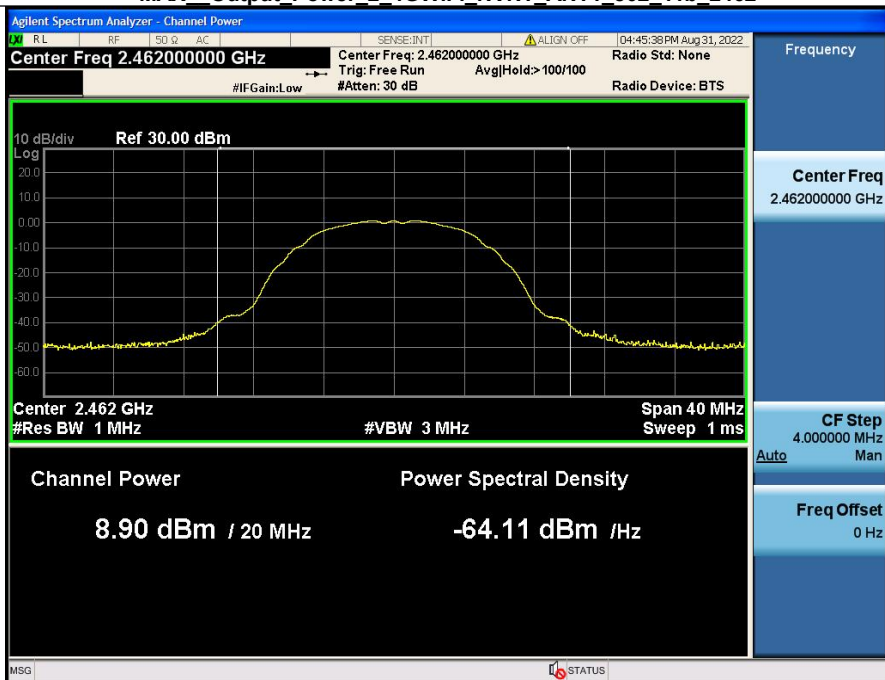
| Condition | Antenna | Modulation    | Frequency (MHz) | Detector | Conducted Power(dBm) | Duty factor(dB) | Total Power(dBm) | limit(dBm) | Result |
|-----------|---------|---------------|-----------------|----------|----------------------|-----------------|------------------|------------|--------|
| NVNT      | ANT1    | 802.11b       | 2412.00         | Peak     | 7.50                 | N/A             | 7.50             | 30         | Pass   |
| NVNT      | ANT1    | 802.11b       | 2437.00         | Peak     | 3.34                 | N/A             | 3.34             | 30         | Pass   |
| NVNT      | ANT1    | 802.11b       | 2462.00         | Peak     | 8.90                 | N/A             | 8.90             | 30         | Pass   |
| NVNT      | ANT1    | 802.11g       | 2412.00         | Peak     | 9.18                 | N/A             | 9.18             | 30         | Pass   |
| NVNT      | ANT1    | 802.11g       | 2437.00         | Peak     | 5.82                 | N/A             | 5.82             | 30         | Pass   |
| NVNT      | ANT1    | 802.11g       | 2462.00         | Peak     | 9.43                 | N/A             | 9.43             | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2412.00         | Peak     | 9.72                 | N/A             | 9.72             | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2437.00         | Peak     | 6.51                 | N/A             | 6.51             | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT20) | 2462.00         | Peak     | 9.80                 | N/A             | 9.80             | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2422.00         | Peak     | 8.39                 | N/A             | 8.39             | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2437.00         | Peak     | 6.66                 | N/A             | 6.66             | 30         | Pass   |
| NVNT      | ANT1    | 802.11n(HT40) | 2452.00         | Peak     | 9.16                 | N/A             | 9.16             | 30         | Pass   |



**MAX\_Output\_Power\_2\_4WiFi\_NVNT\_ANT1\_802\_11b\_2437**



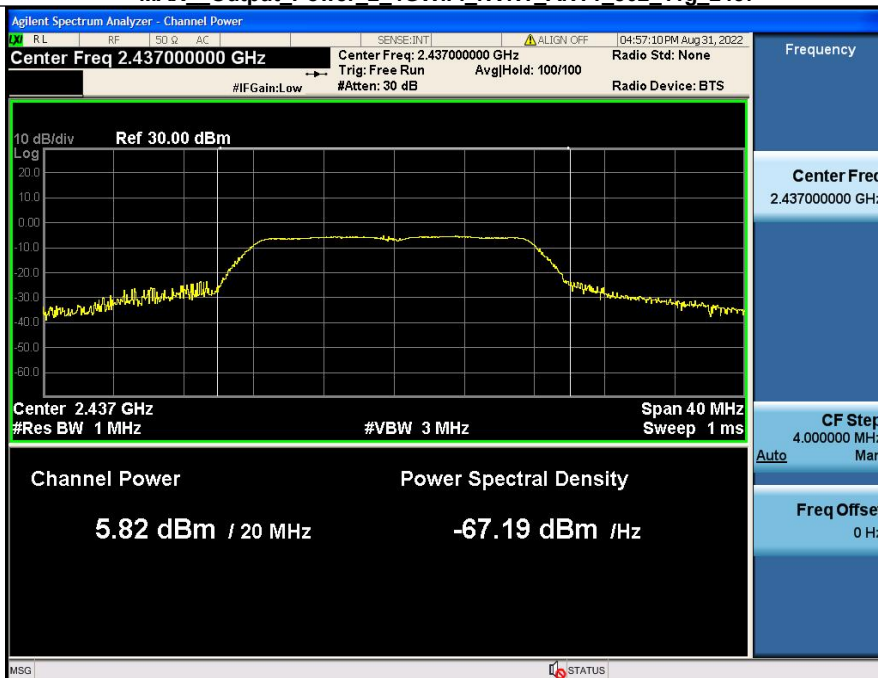
MAX Output Power 2 4GWiFi NVNT ANT1 802 11b 2462



MAX Output Power 2 4GWiFi NVNT ANT1 802 11g 2412



MAX Output Power 2 4GWiFi NVNT ANT1 802 11g 2437



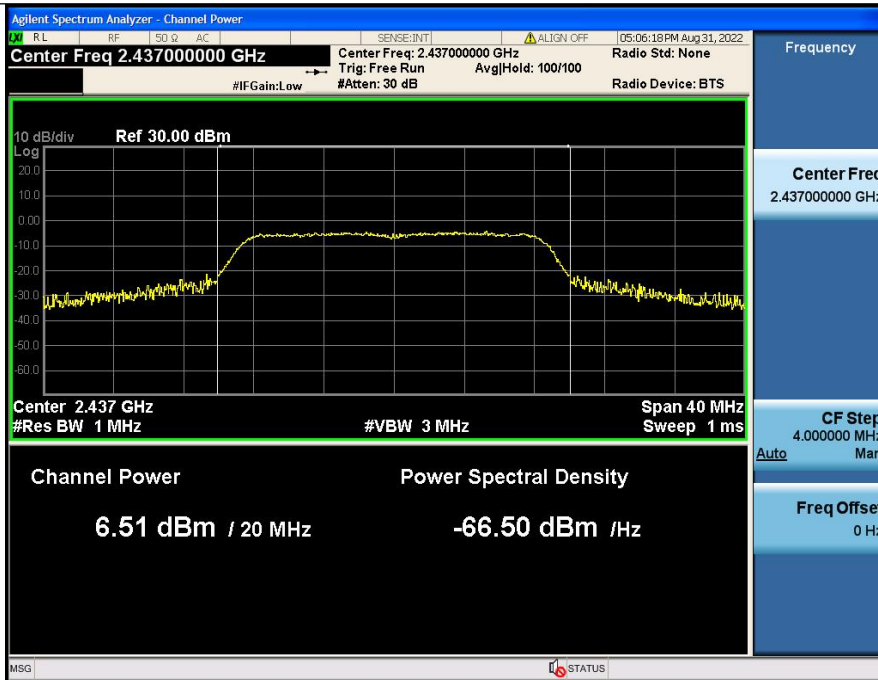
MAX Output Power 2 4GWiFi NVNT ANT1 802 11g 2462



MAX Output Power 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_2412



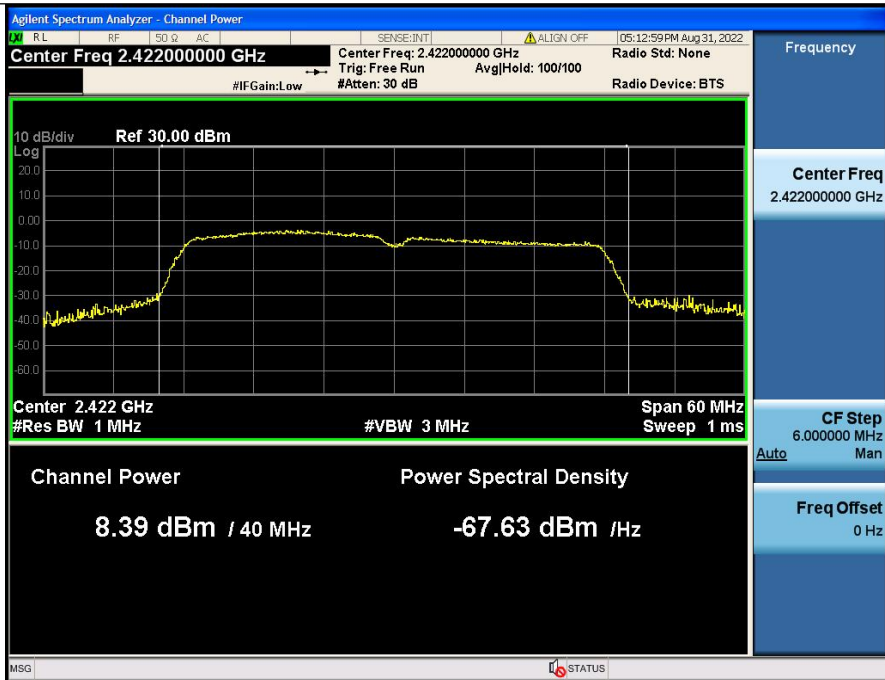
MAX Output Power 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_2437



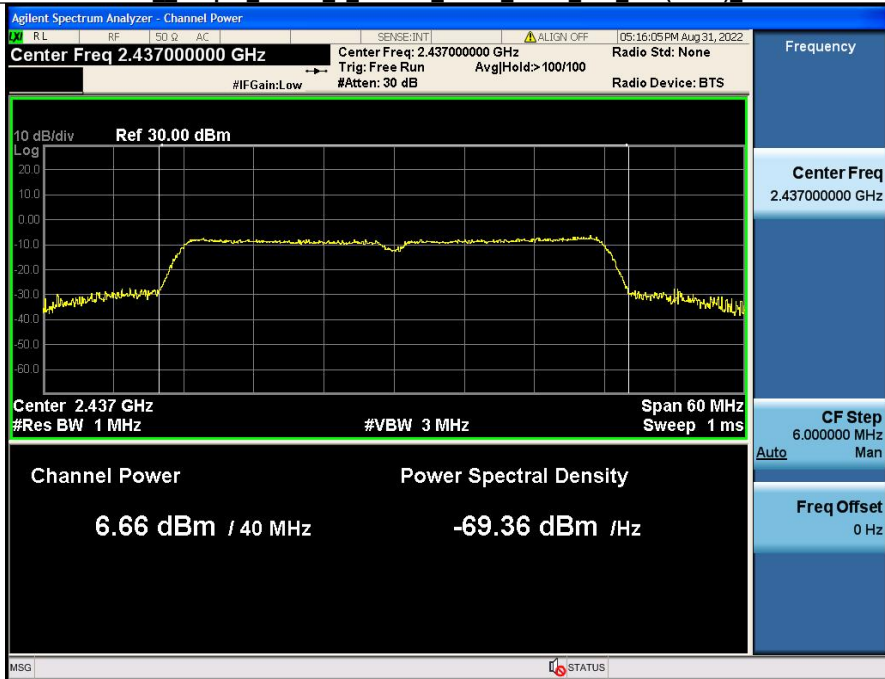
MAX Output Power 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT20)\_2462



MAX Output Power 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_2422



MAX Output Power 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_2437



MAX Output Power 2 4GWiFi\_NVNT\_ANT1\_802\_11n(HT40)\_2452

