

Appendix A: DTS Bandwidth

Test Result

TestMode	Channel (MHz)	Antenna	6dB Bandwidth (MHz)	Limit [MHz]	Verdict
802.11b	2412MHz	ANT1	9.630	0.5	Pass
802.11b	2437MHz	ANT1	10.110	0.5	Pass
802.11b	2462MHz	ANT1	10.110	0.5	Pass
802.11b	2412MHz	ANT2	9.660	0.5	Pass
802.11b	2437MHz	ANT2	9.720	0.5	Pass
802.11b	2462MHz	ANT2	10.080	0.5	Pass
802.11g	2412MHz	ANT1	16.560	0.5	Pass
802.11g	2437MHz	ANT1	16.560	0.5	Pass
802.11g	2462MHz	ANT1	16.590	0.5	Pass
802.11g	2412MHz	ANT2	16.560	0.5	Pass
802.11g	2437MHz	ANT2	16.560	0.5	Pass
802.11g	2462MHz	ANT2	16.560	0.5	Pass
802.11n 20	2412MHz	ANT1	17.520	0.5	Pass
802.11n 20	2437MHz	ANT1	17.580	0.5	Pass
802.11n 20	2462MHz	ANT1	17.580	0.5	Pass
802.11n 20	2412MHz	ANT2	17.520	0.5	Pass
802.11n 20	2437MHz	ANT2	17.640	0.5	Pass
802.11n 20	2462MHz	ANT2	17.580	0.5	Pass

Note: 6dB Bandwidth (MHz) = Mark2 (MHz) - Mark 1 (MHz)



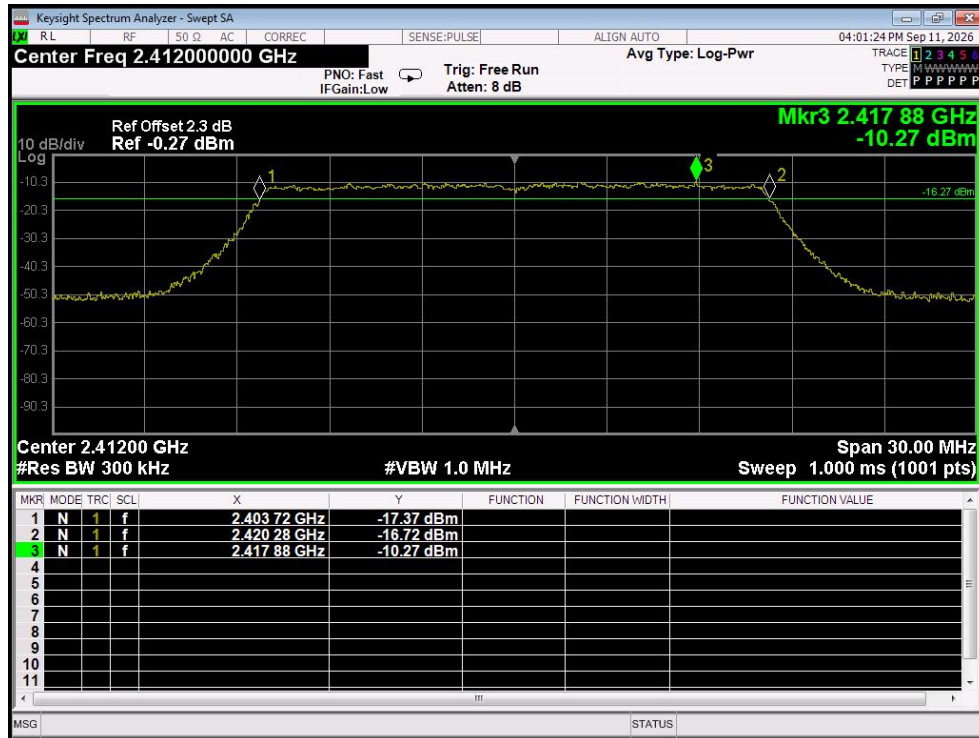
802.11b-Ant1-2462MHz



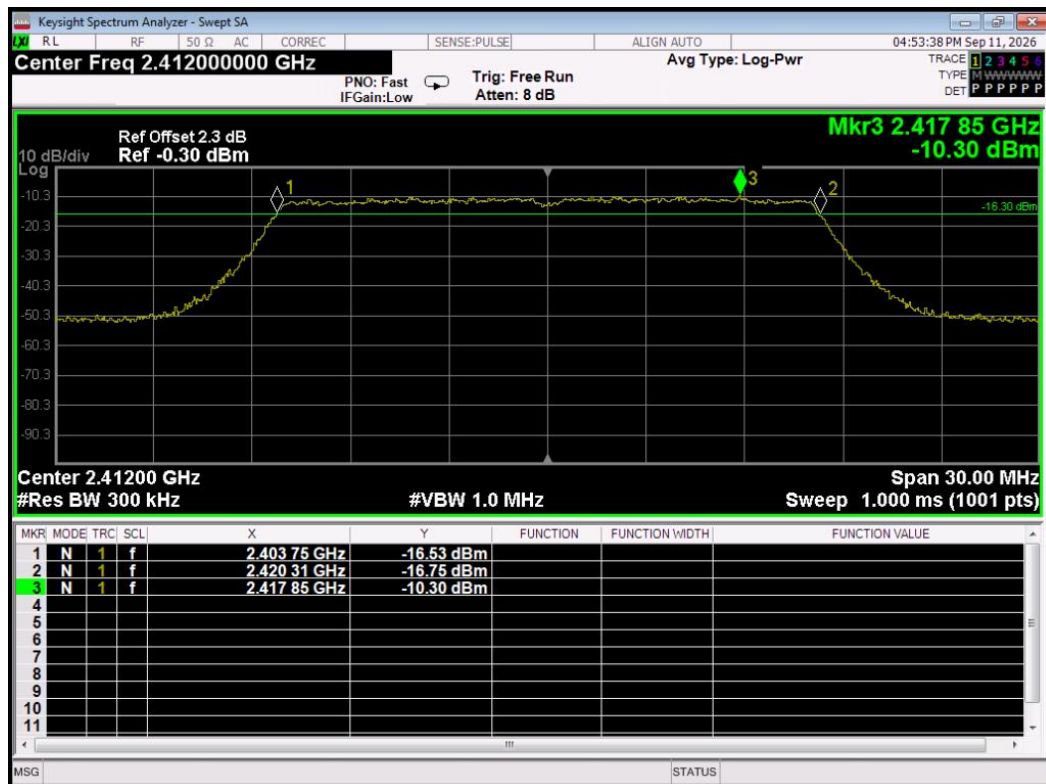
802.11b-Ant2-2462MHz



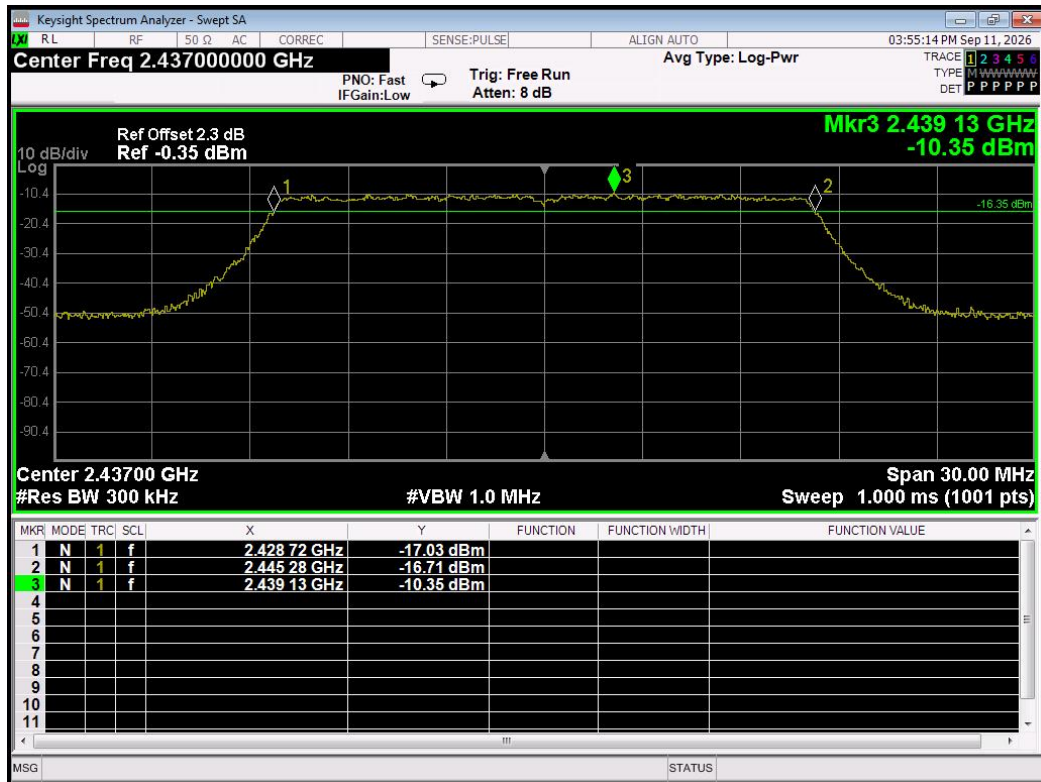
802.11g-Ant1-2412MHz



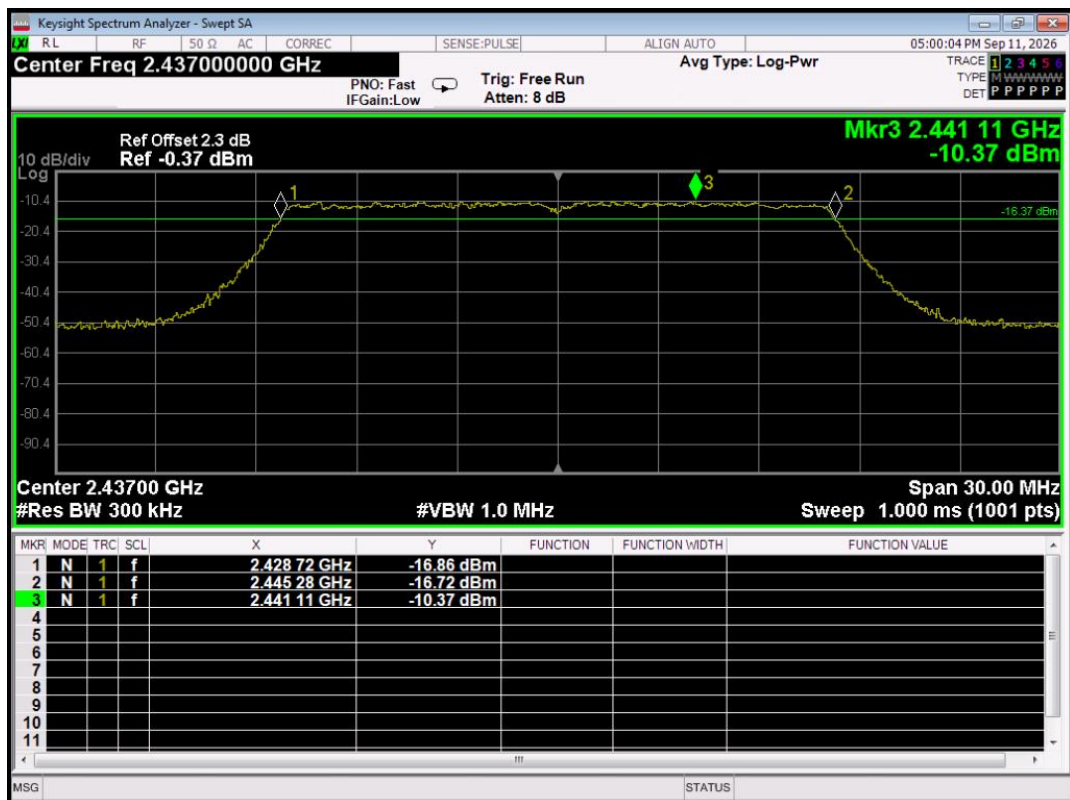
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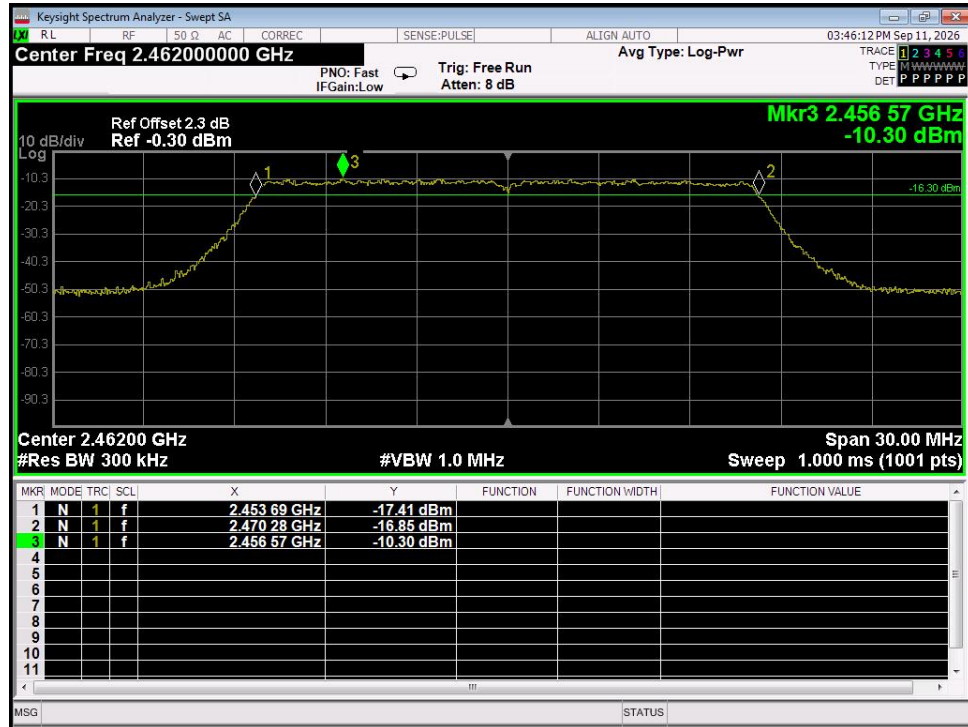
802.11g-Ant1-2437MHz



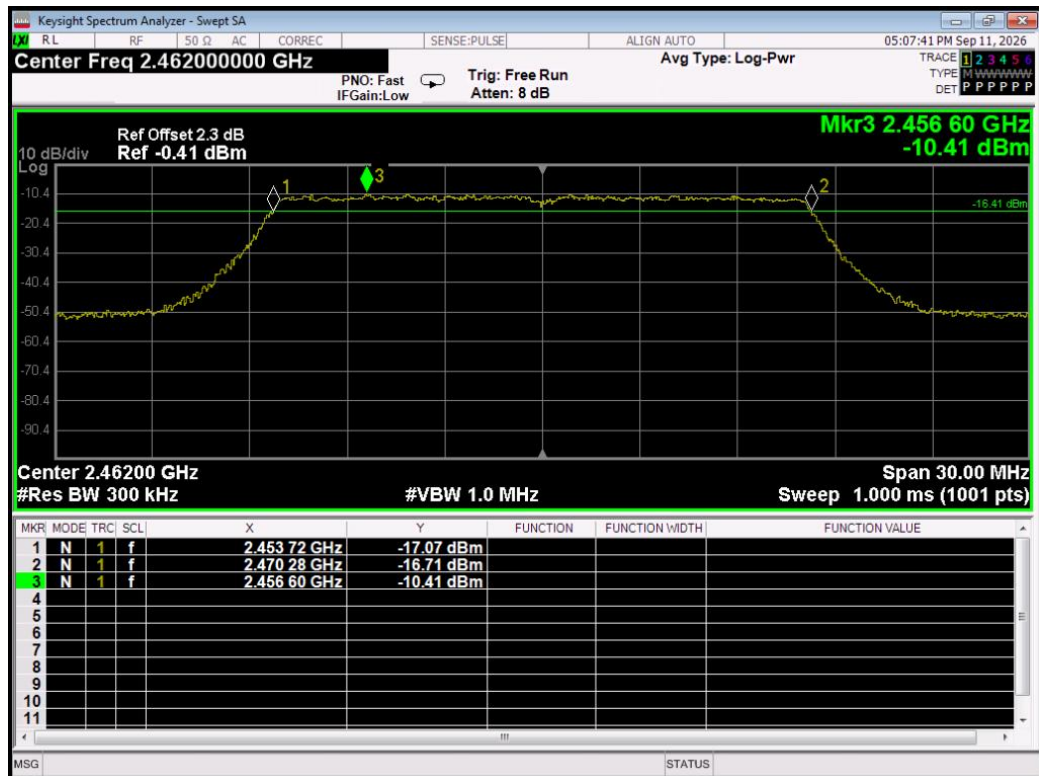
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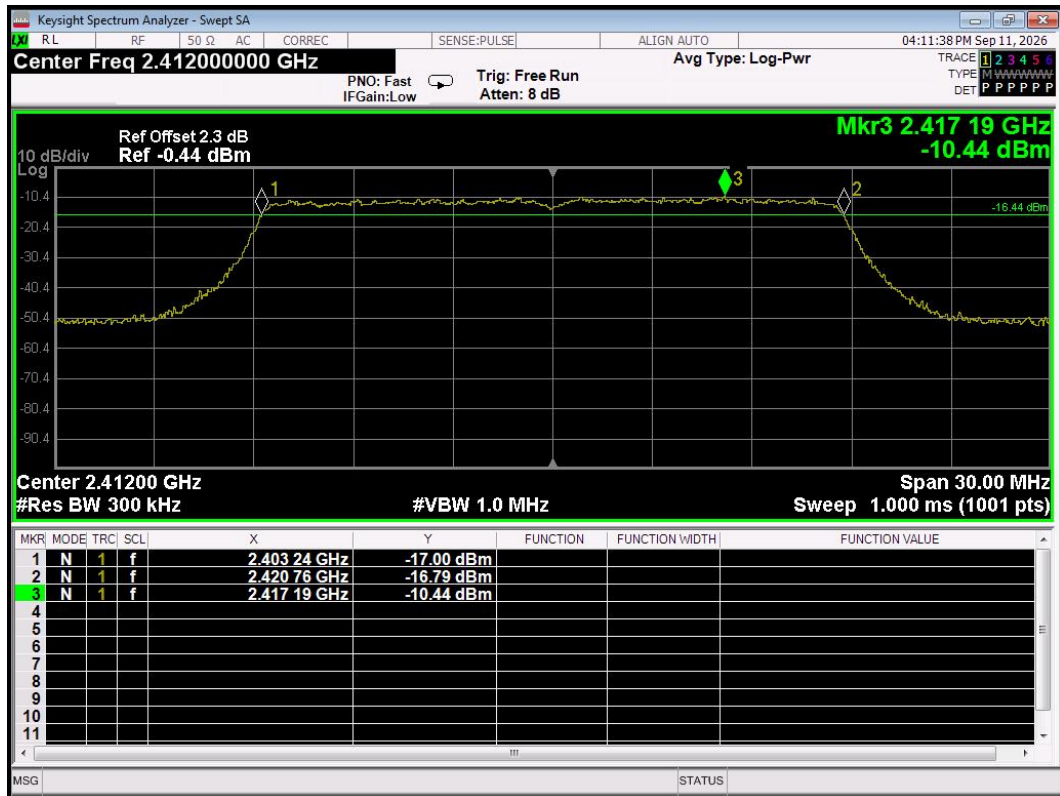
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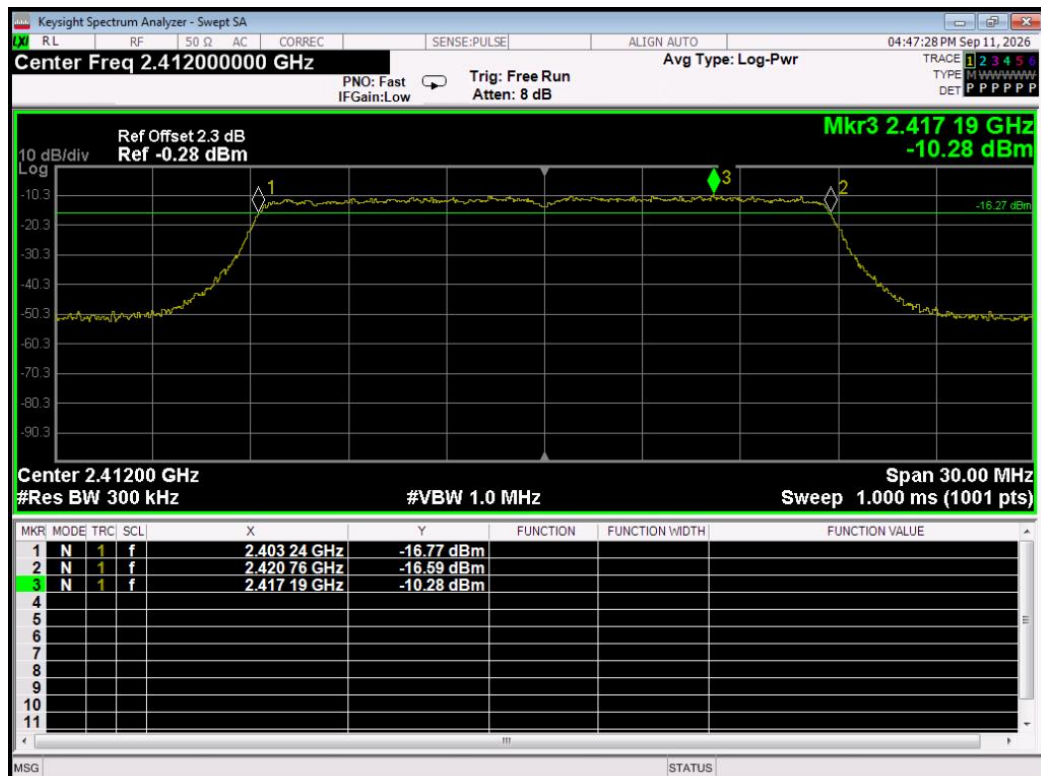
802.11g-Ant2-2462MHz



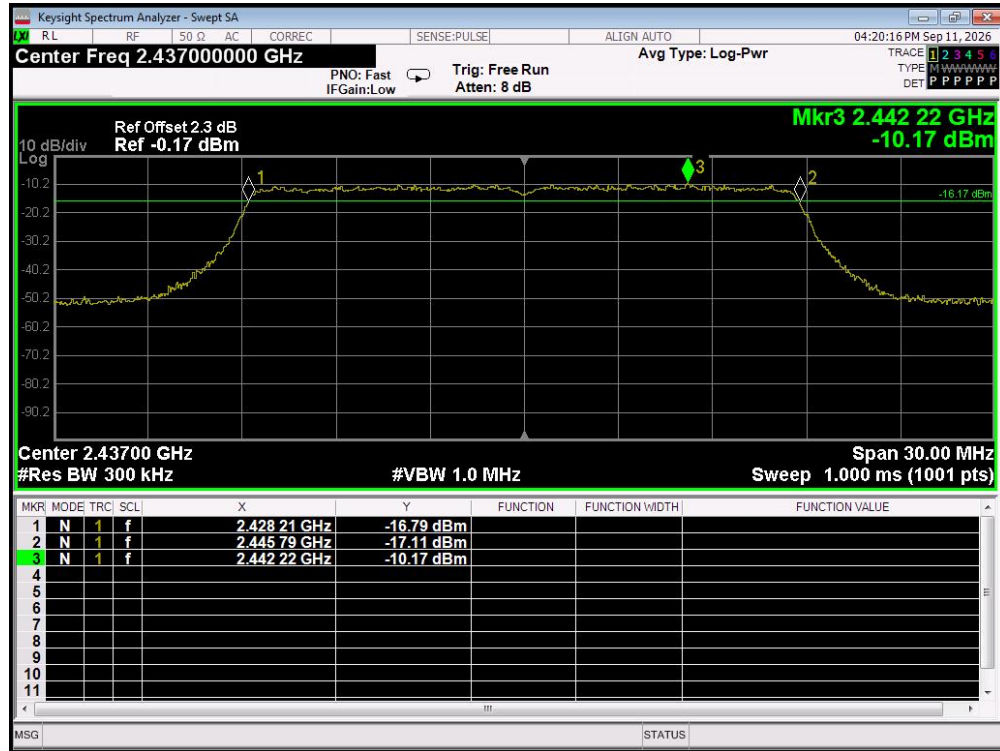
802.11n20-Ant1-2412MHz



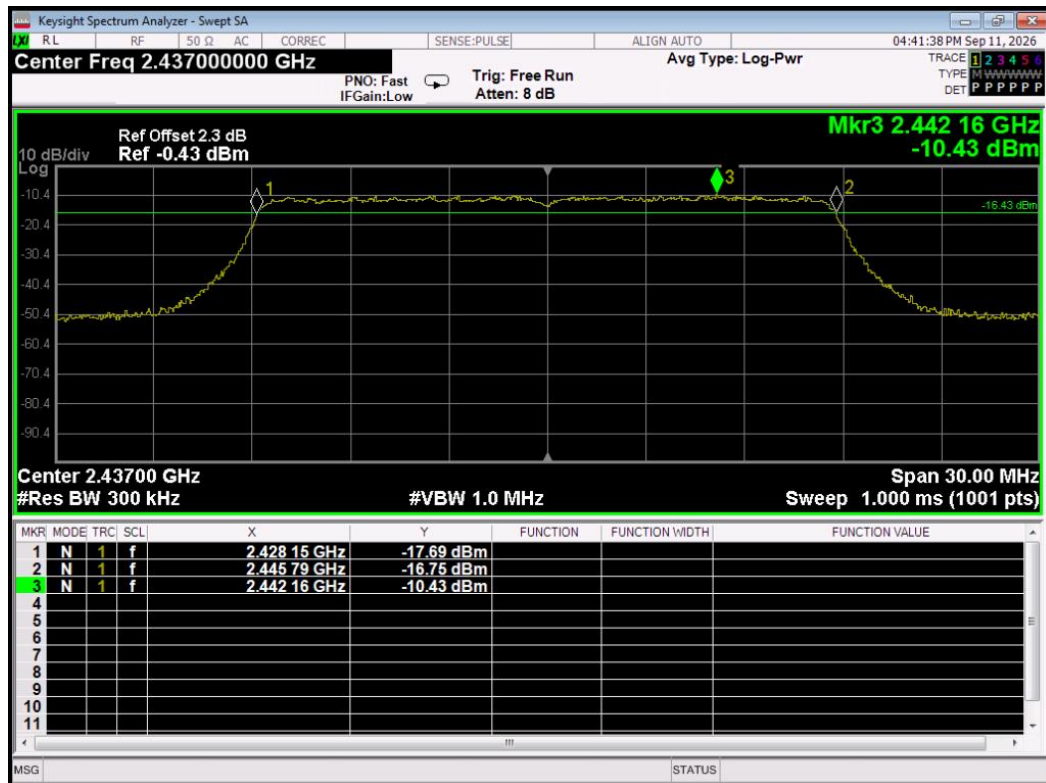
802.11n20-Ant2-2412MHz



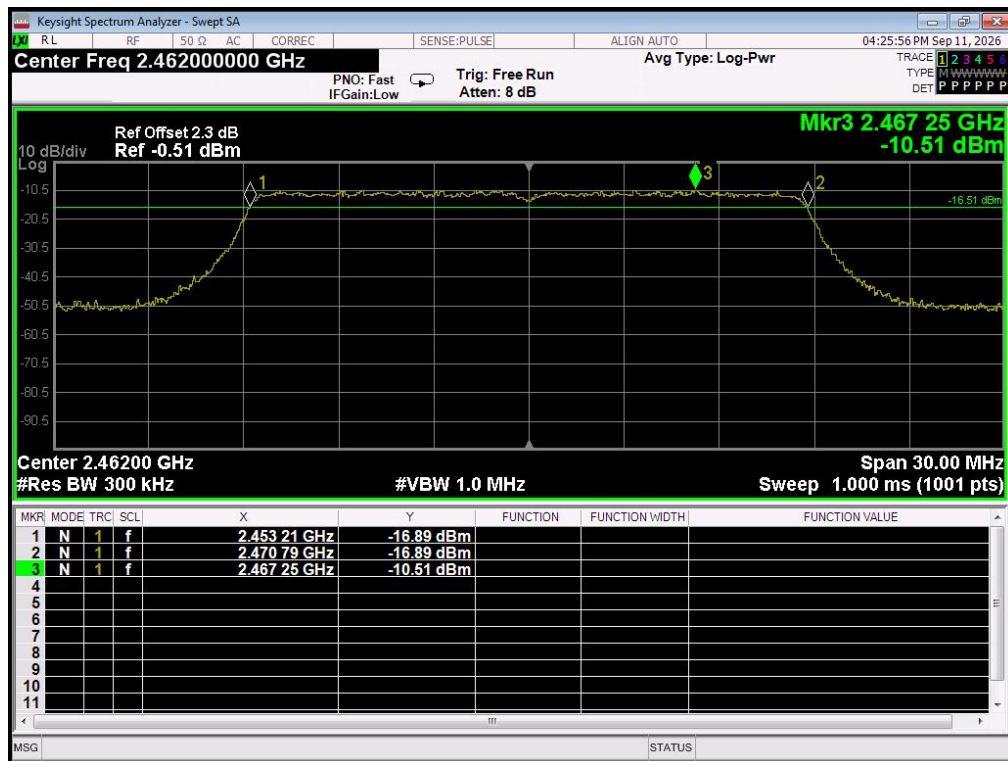
802.11n20-Ant1-2437MHz



802.11n20-Ant2-2437MHz



802.11n20-Ant1-2462MHz



802.11n20-Ant2-2462MHz



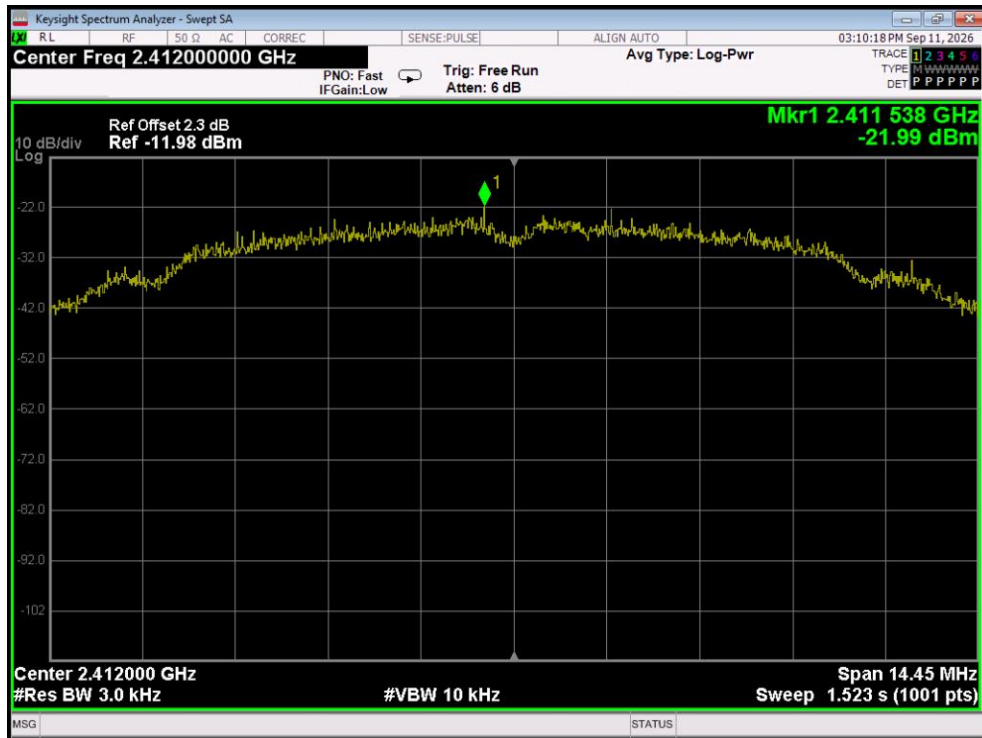
Appendix B: power spectral density

Test Result

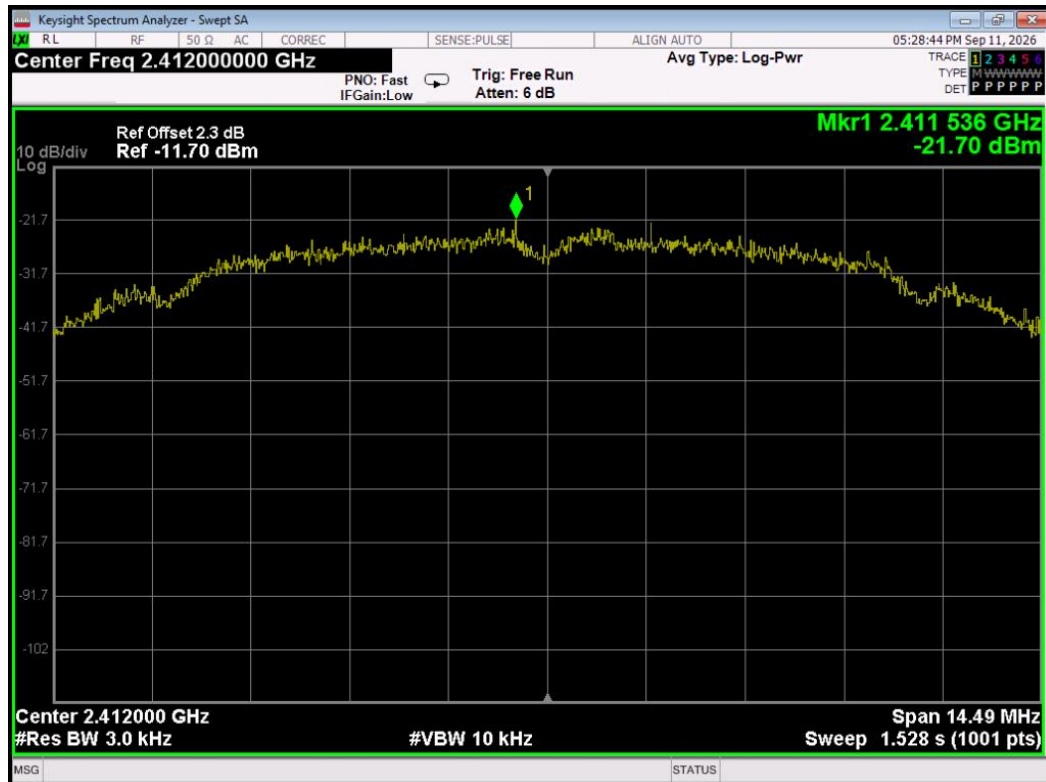
TestMode	Channel (MHz)	Antenna	Result (dBm/3KHz)	Limit (dBm/3KHz)	Verdict
802.11b	2412MHz	ANT1	-21.99	8	Pass
802.11b	2437MHz	ANT1	-22.36	8	Pass
802.11b	2462MHz	ANT1	-22.69	8	Pass
802.11b	2412MHz	ANT2	-21.70	8	Pass
802.11b	2437MHz	ANT2	-22.04	8	Pass
802.11b	2462MHz	ANT2	-23.70	8	Pass
802.11g	2412MHz	ANT1	-26.67	8	Pass
802.11g	2437MHz	ANT1	-26.65	8	Pass
802.11g	2462MHz	ANT1	-26.91	8	Pass
802.11g	2412MHz	ANT2	-26.78	8	Pass
802.11g	2437MHz	ANT2	-26.56	8	Pass
802.11g	2462MHz	ANT2	-26.27	8	Pass
802.11n 20	2412MHz	ANT1	-26.75	8	Pass
802.11n 20	2437MHz	ANT1	-26.15	8	Pass
802.11n 20	2462MHz	ANT1	-26.47	8	Pass
802.11n 20	2412MHz	ANT2	-26.27	8	Pass
802.11n 20	2437MHz	ANT2	-26.29	8	Pass
802.11n 20	2462MHz	ANT2	-26.30	8	Pass

Test Graphs

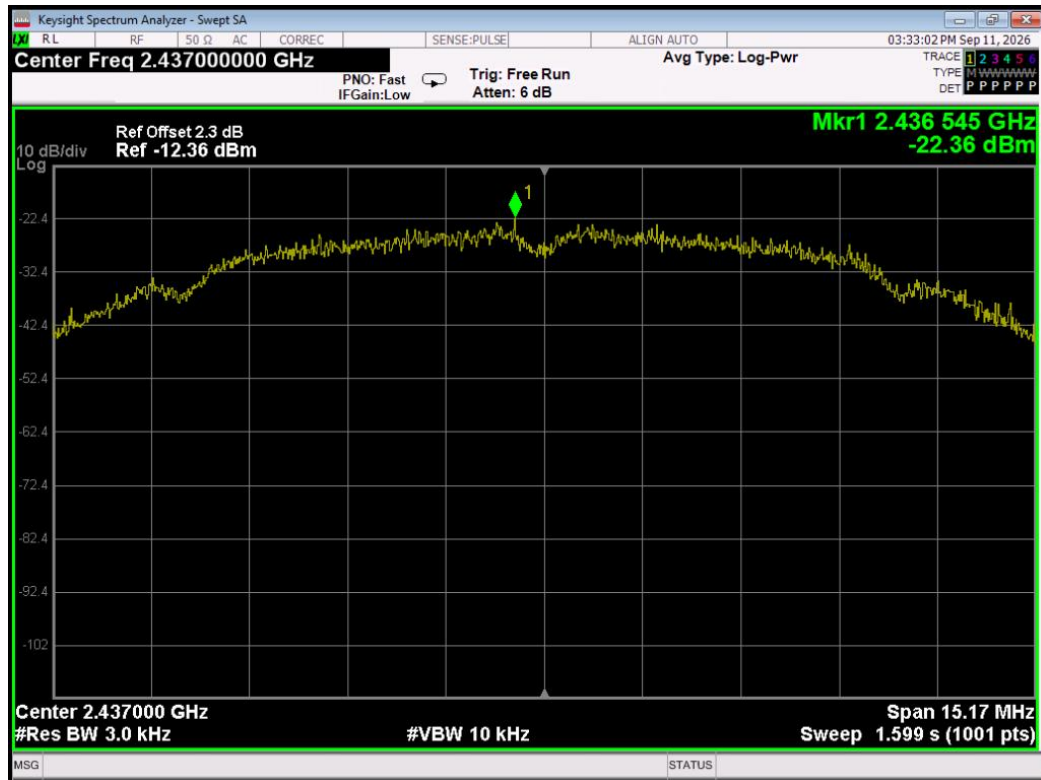
802.11b-Ant1-2412MHz



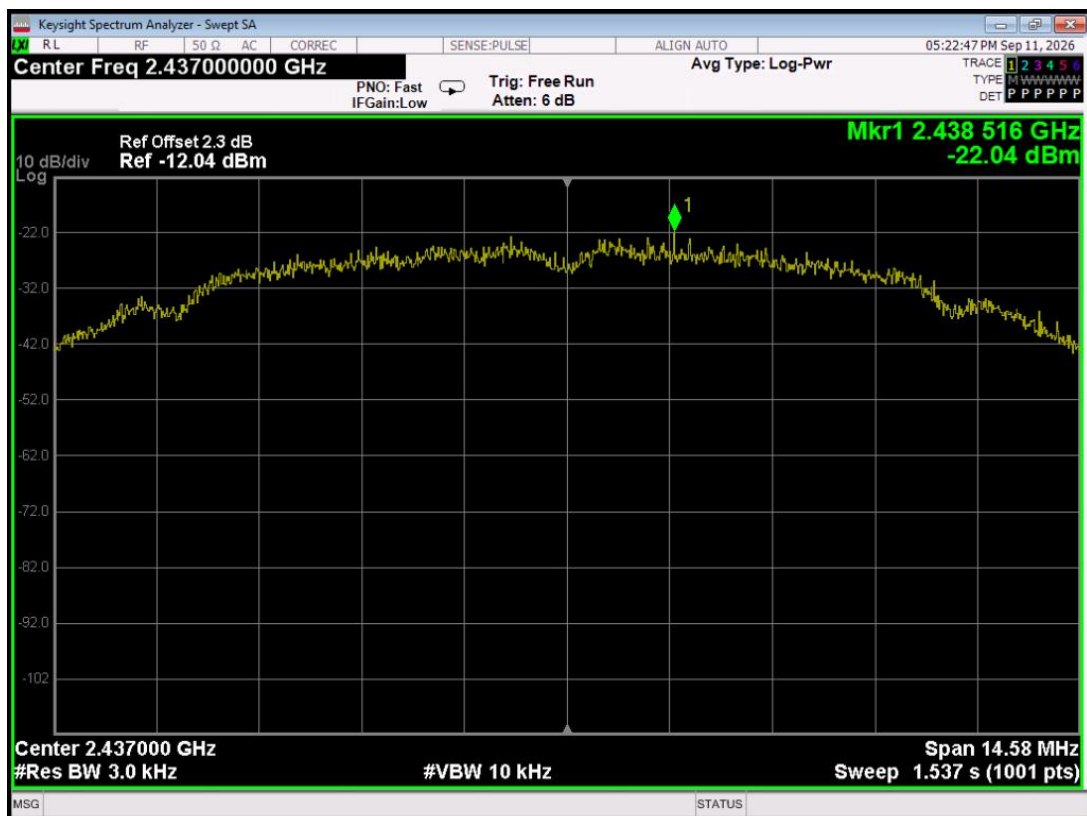
802.11b-Ant2-2412MHz



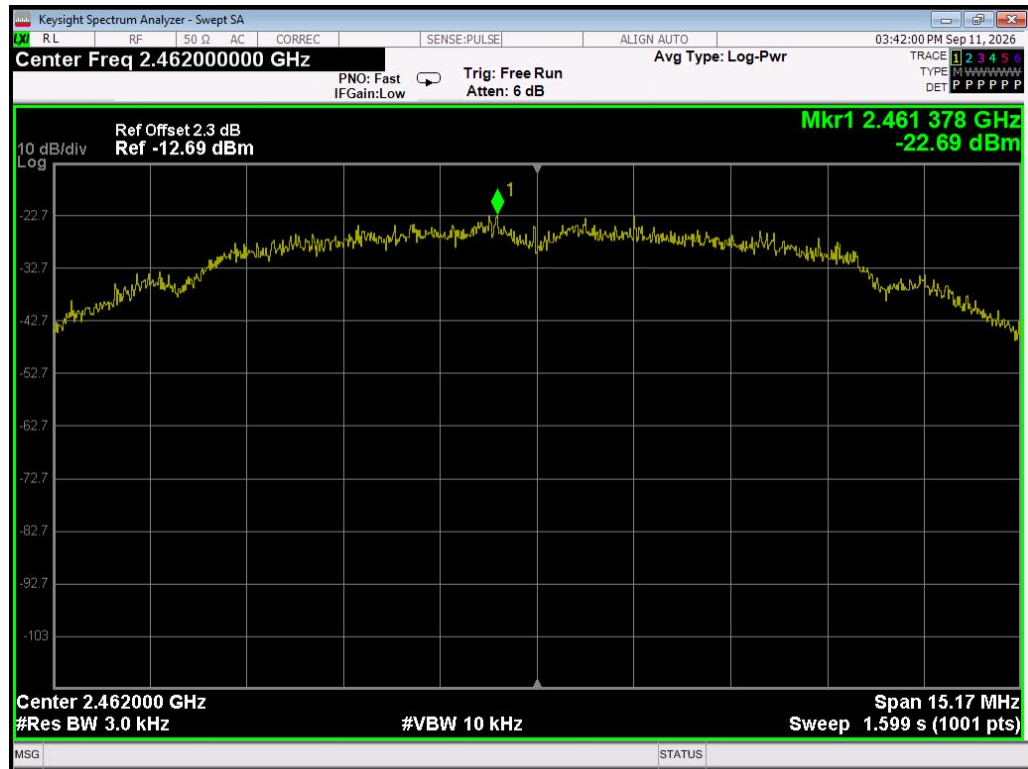
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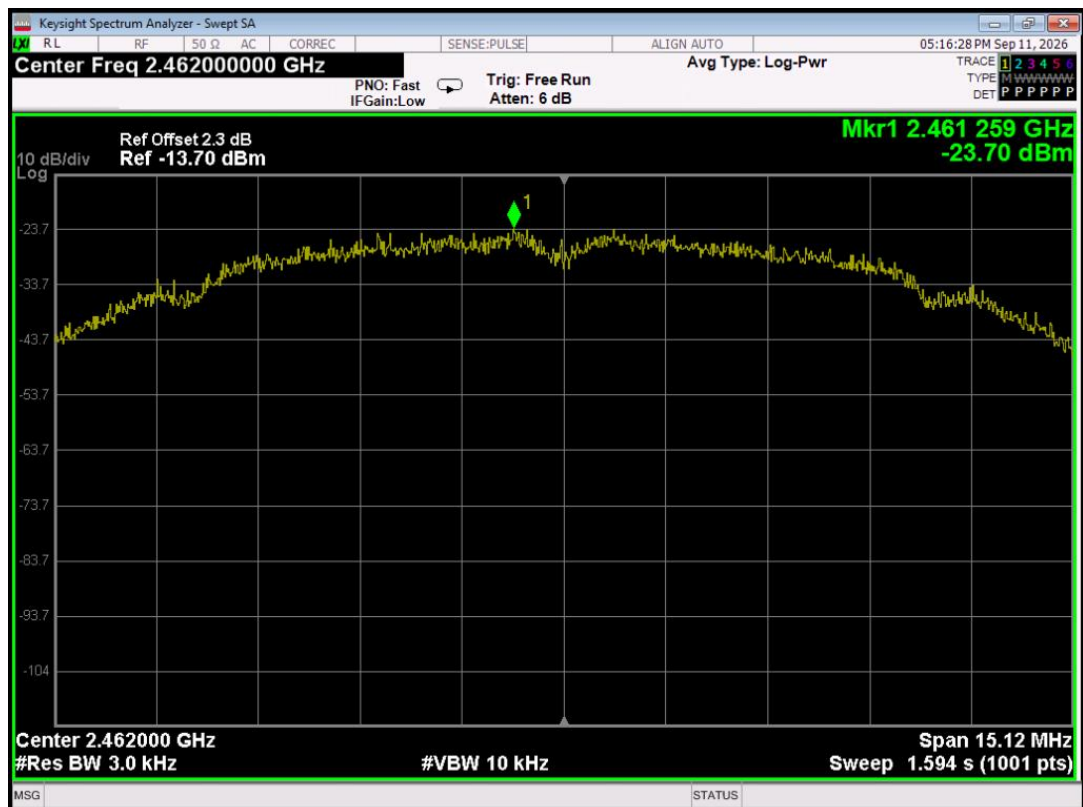
802.11b-Ant2-2437MHz



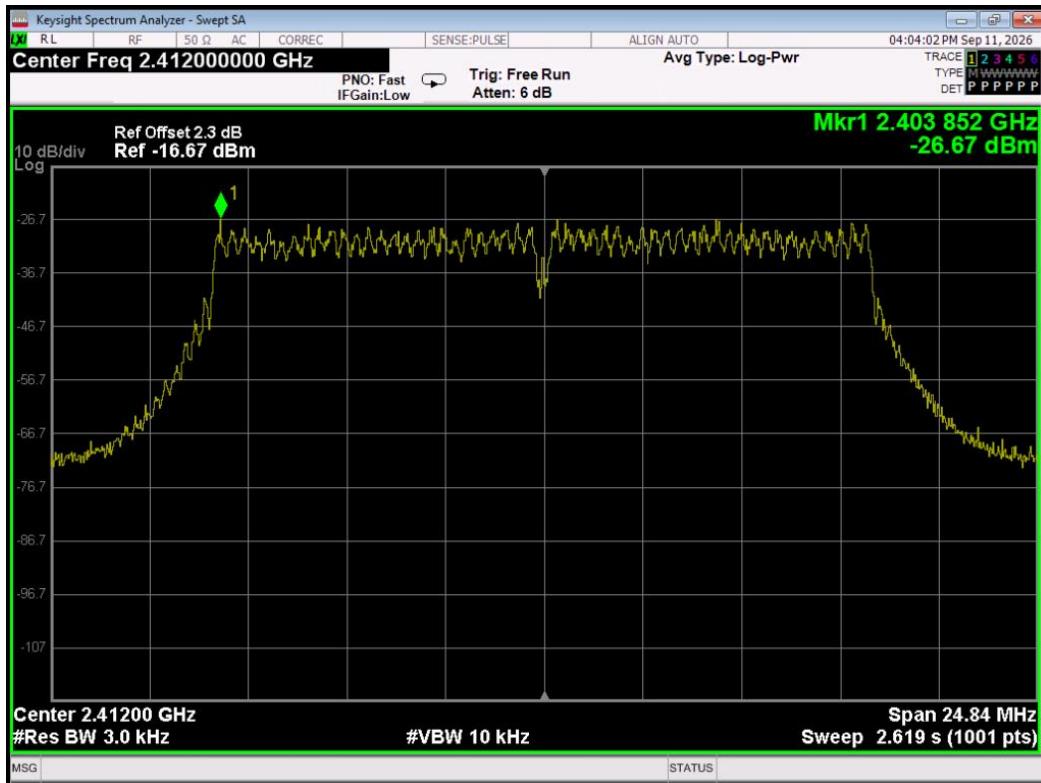
802.11b-Ant1-2462MHz



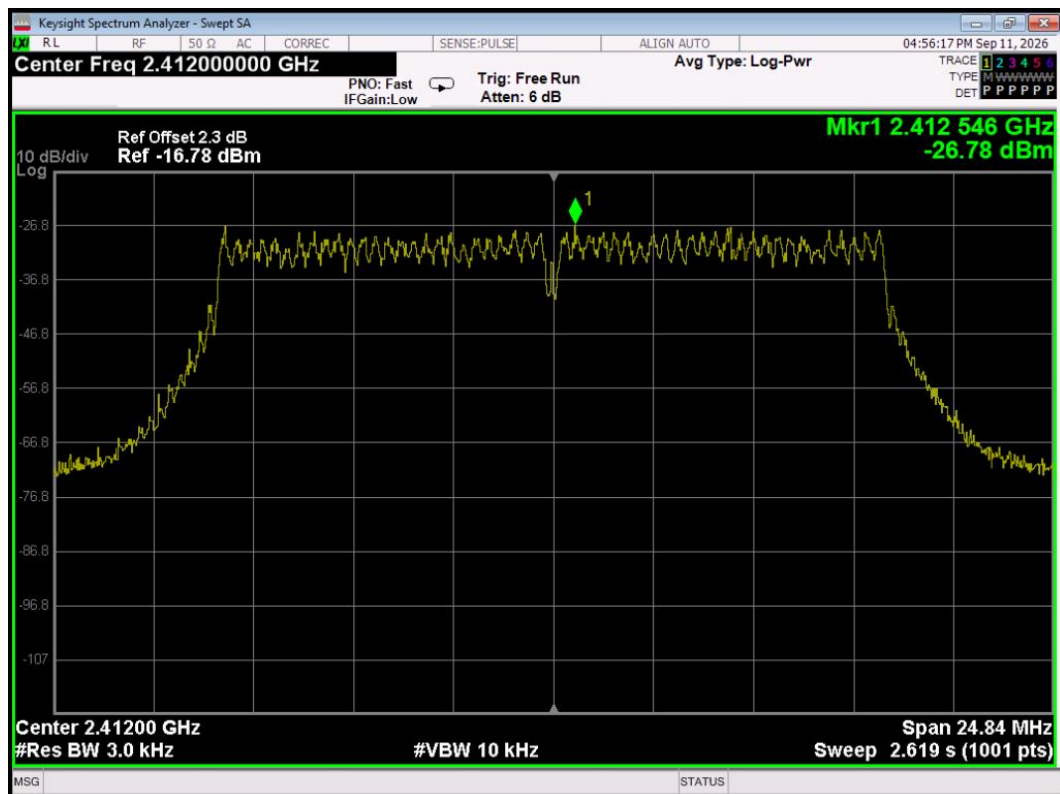
802.11b-Ant2-2462MHz



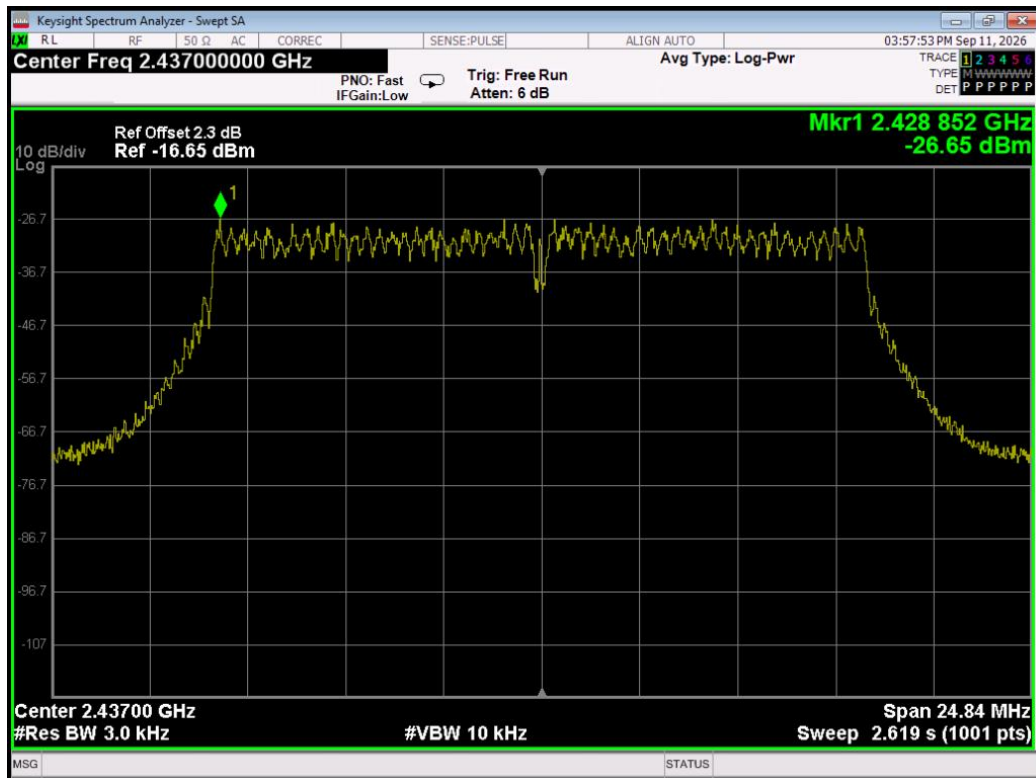
802.11g-Ant1-2412MHz



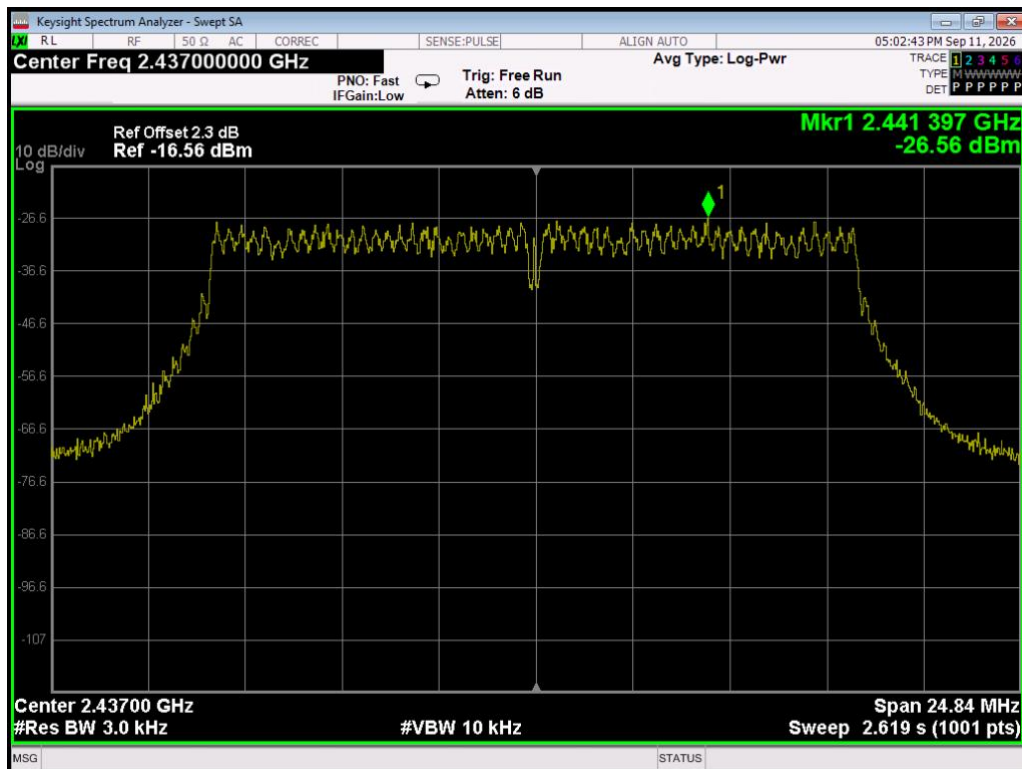
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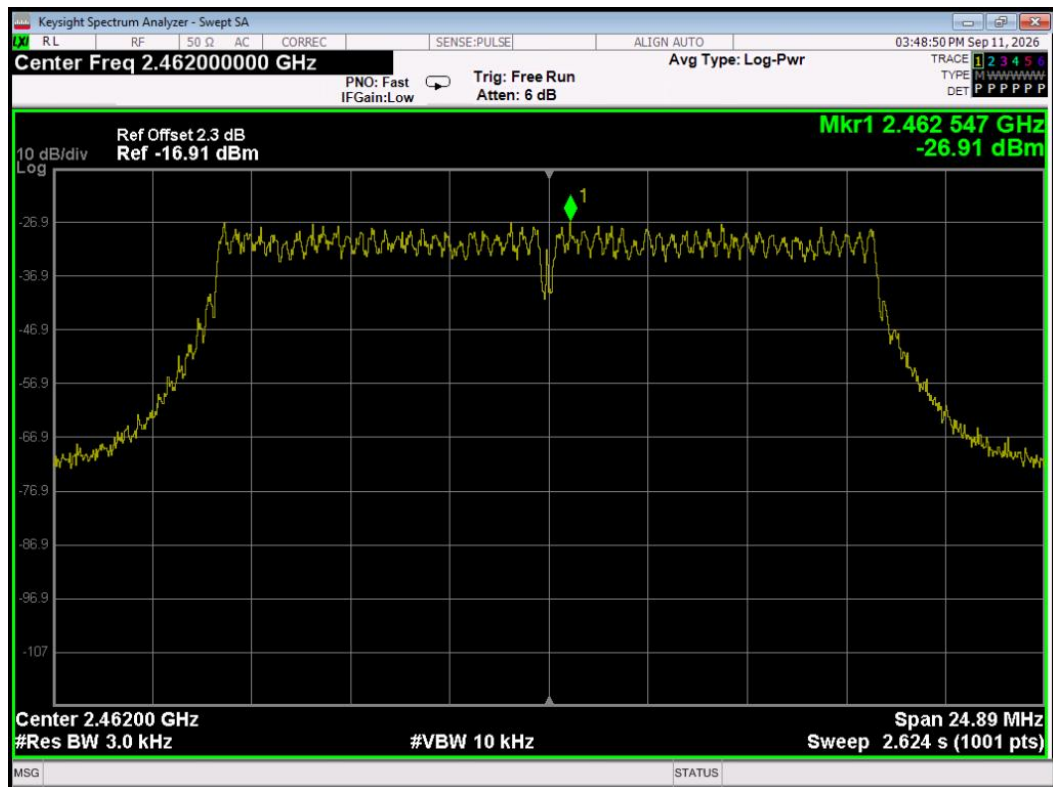
802.11g-Ant1-2437MHz



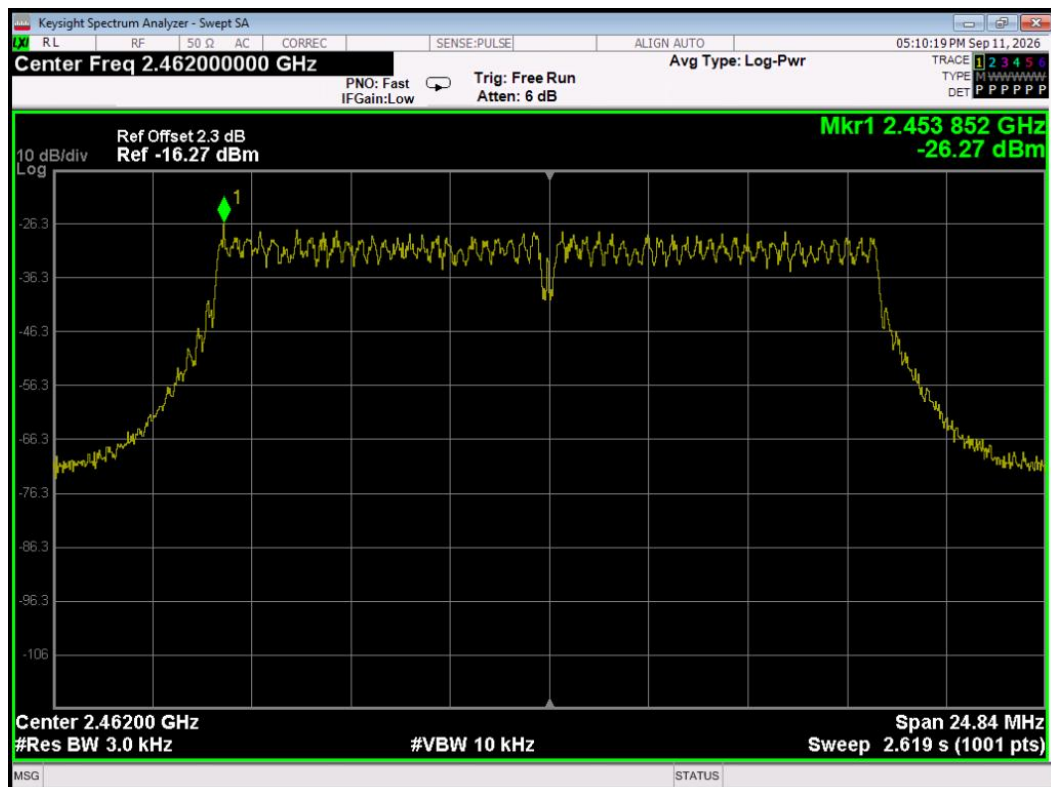
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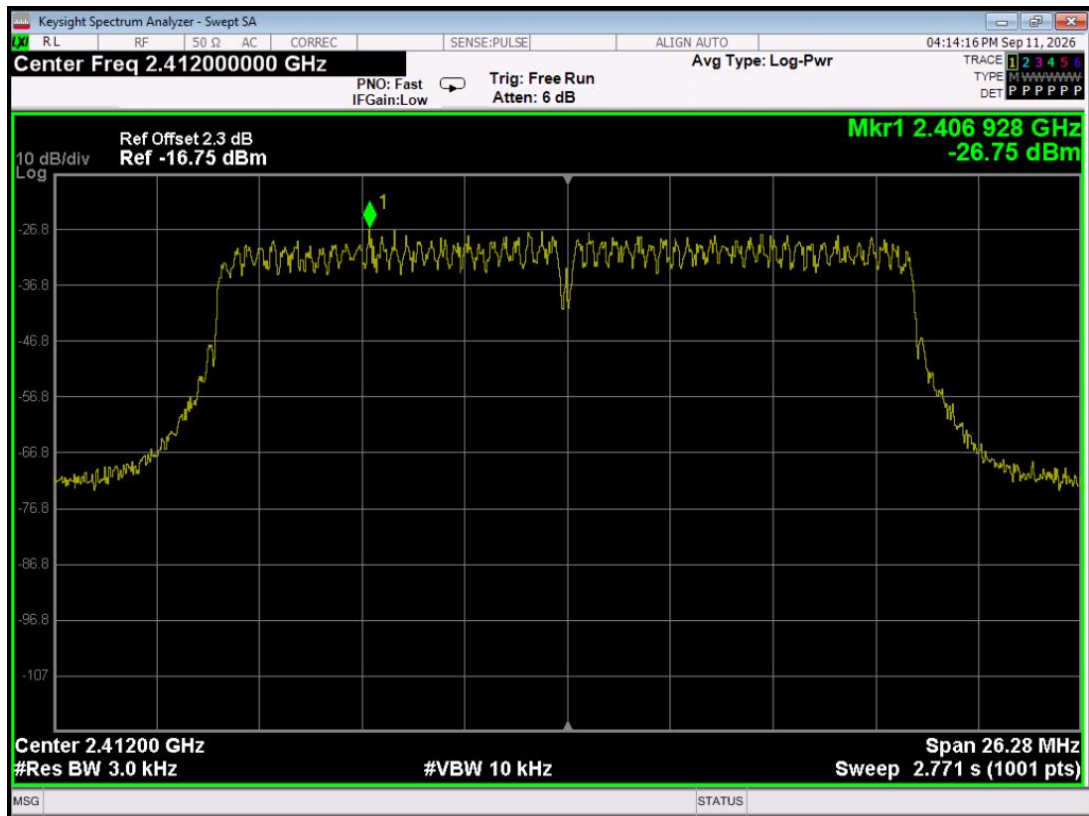
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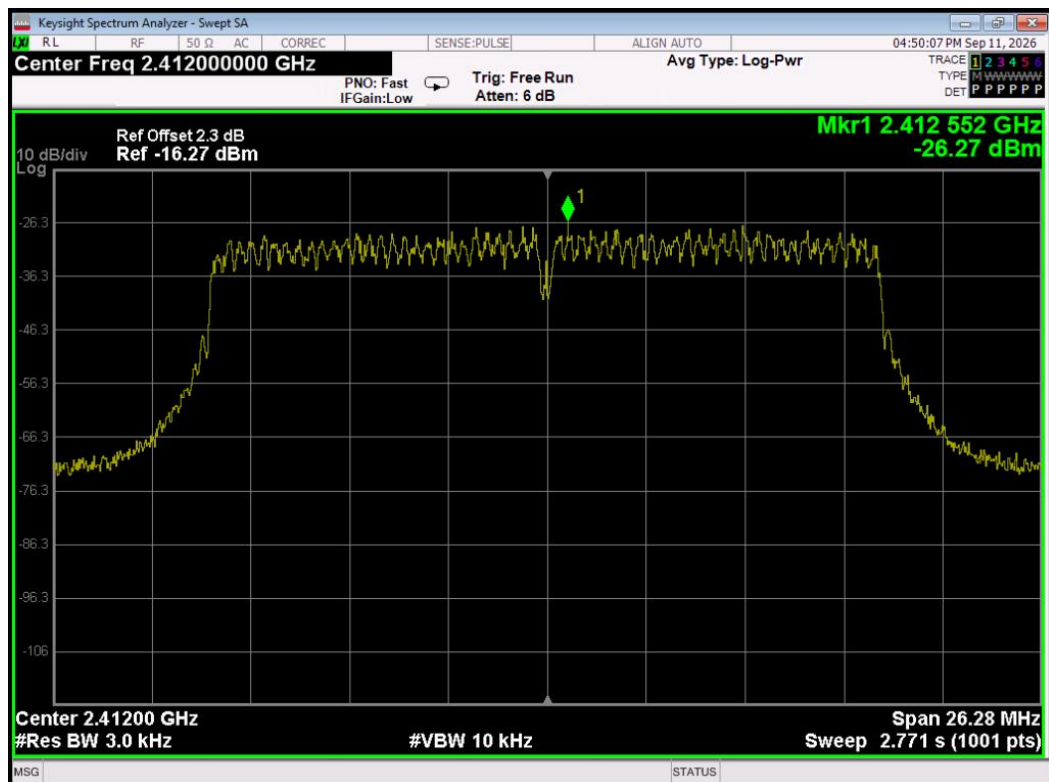
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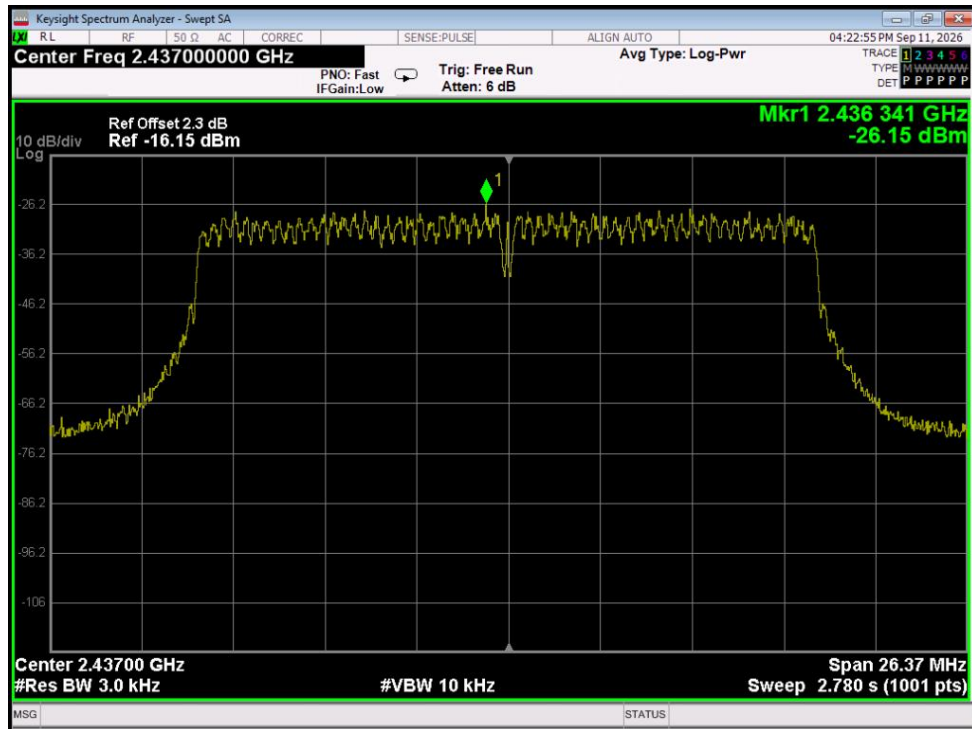
802.11n20-Ant1-2412MHz



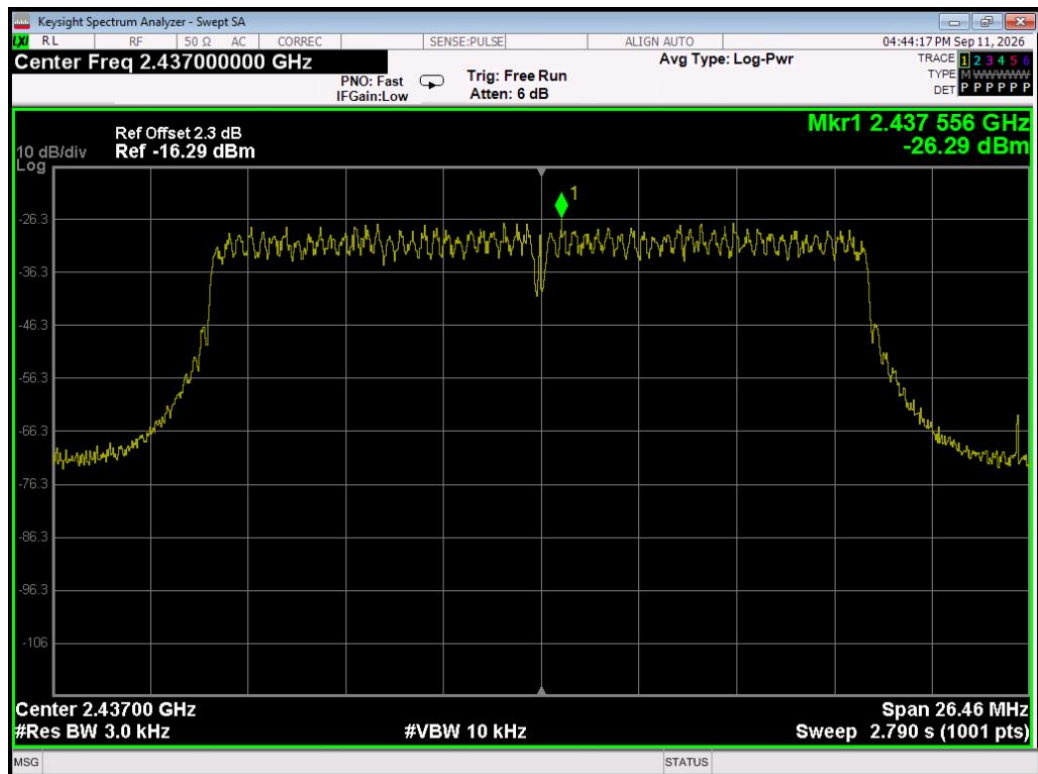
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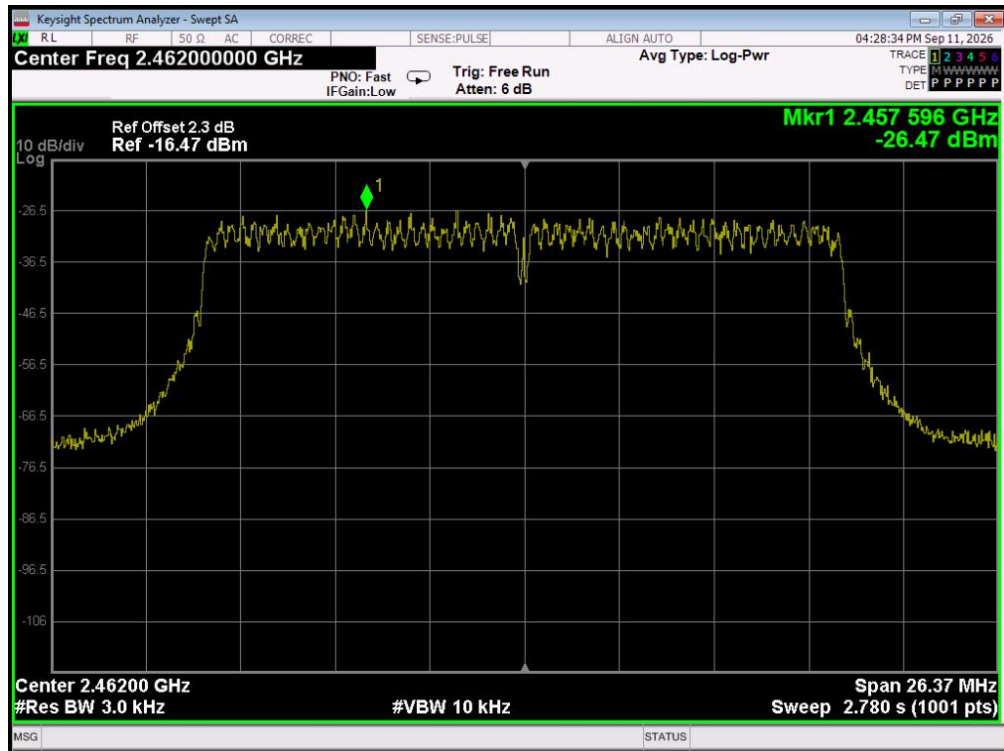
802.11n20-Ant1-2437MHz



802.11n20-Ant2-2437MHz



802.11n20-Ant1-2462MHz



802.11n20-Ant2-2462MHz

