

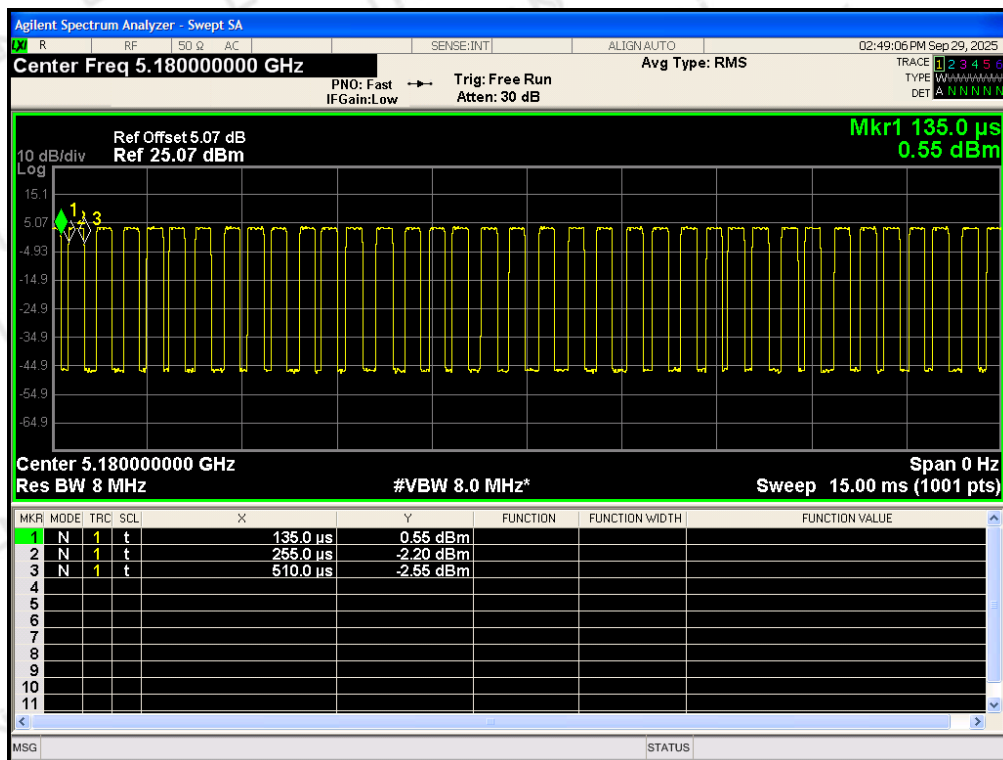
Test Report

5G WIFI B1 RF test data

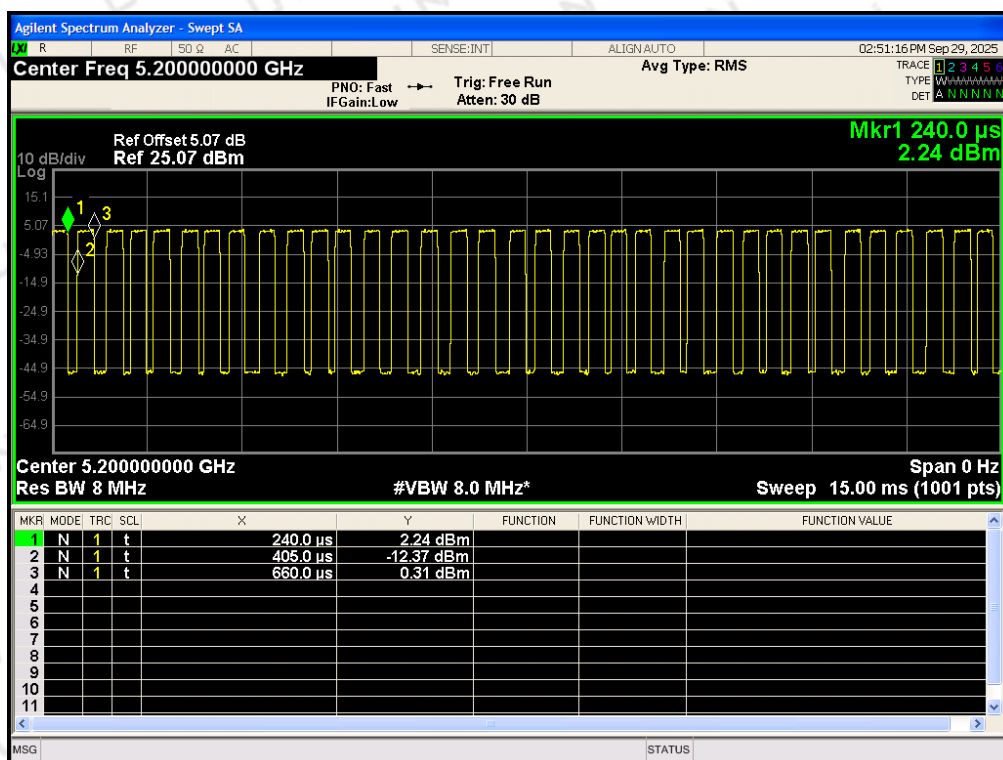
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11a	5180	68	1.67
NVNT	802.11a	5200	60.71	2.17
NVNT	802.11a	5240	61.54	2.11
NVNT	802.11ac20	5180	94.16	0.26
NVNT	802.11ac20	5200	89.58	0.48
NVNT	802.11ac20	5240	90.21	0.45
NVNT	802.11ac40	5190	85.33	0.69
NVNT	802.11ac40	5230	82.89	0.81
NVNT	802.11ac80	5210	63.83	1.95
NVNT	802.11n(HT20)	5180	92.81	0.32
NVNT	802.11n(HT20)	5200	90.21	0.45
NVNT	802.11n(HT20)	5240	92.75	0.33
NVNT	802.11n(HT40)	5190	90	0.46
NVNT	802.11n(HT40)	5230	81.82	0.87

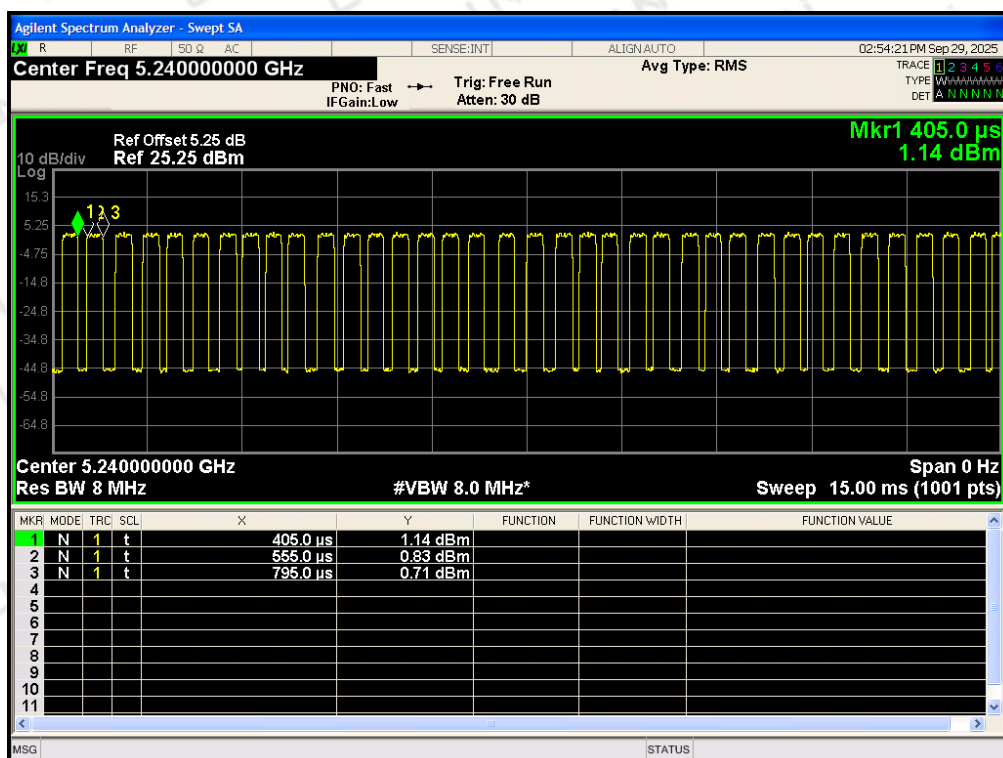
Duty Cycle NVNT 802.11a 5180MHz



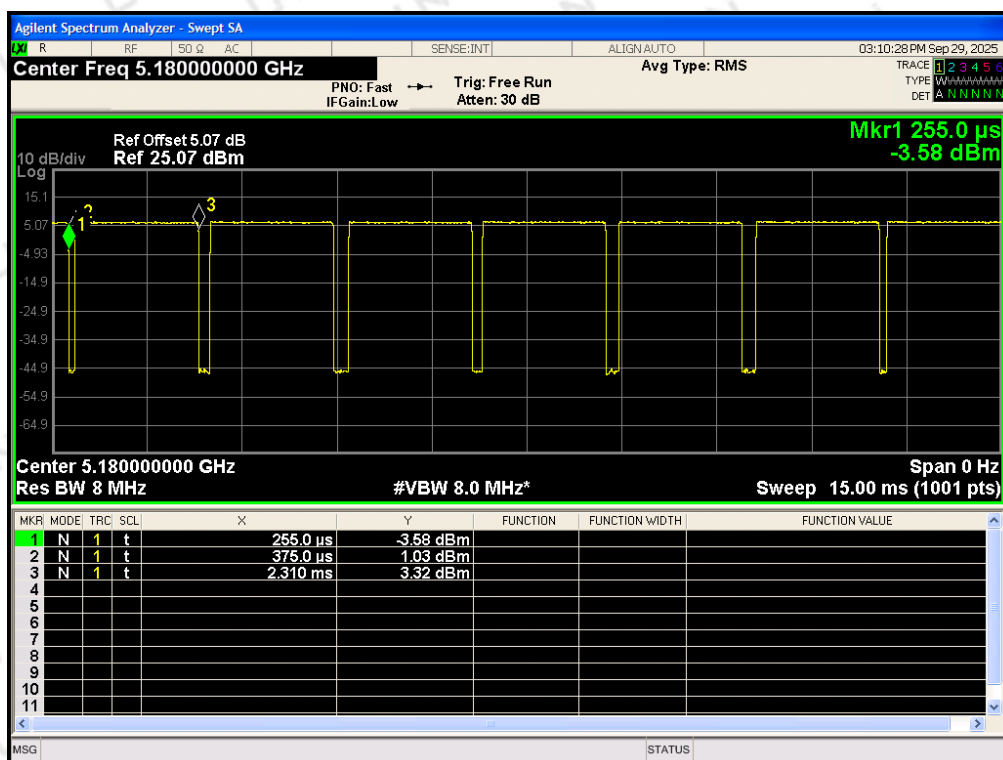
Duty Cycle NVNT 802.11a 5200MHz



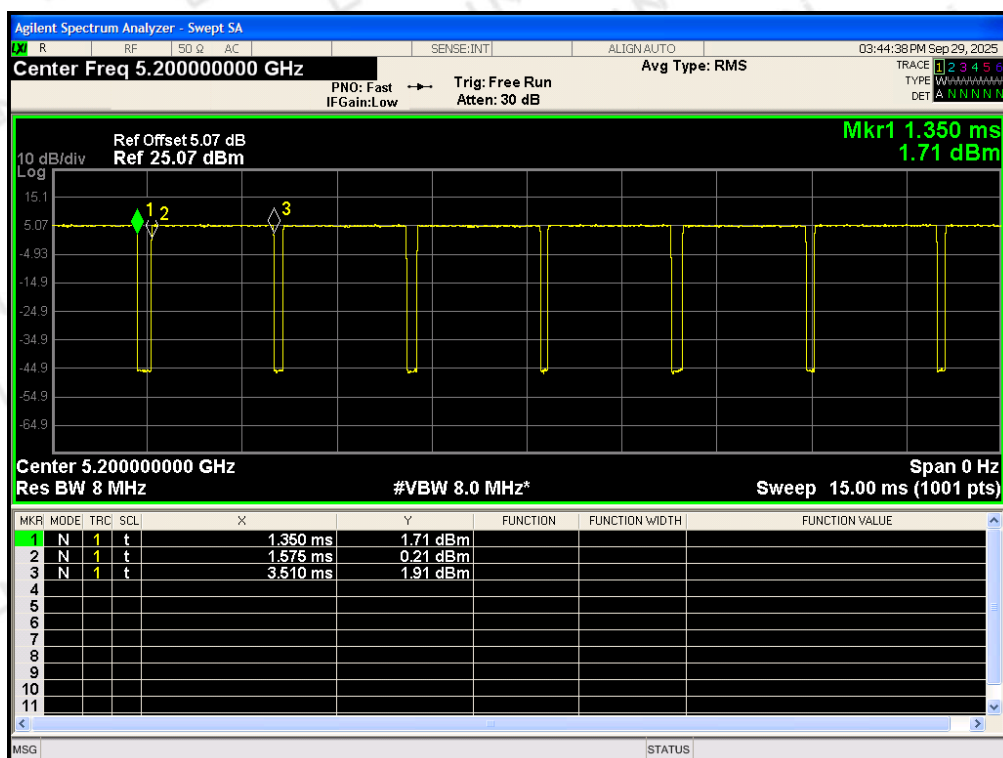
Duty Cycle NVNT 802.11a 5240MHz



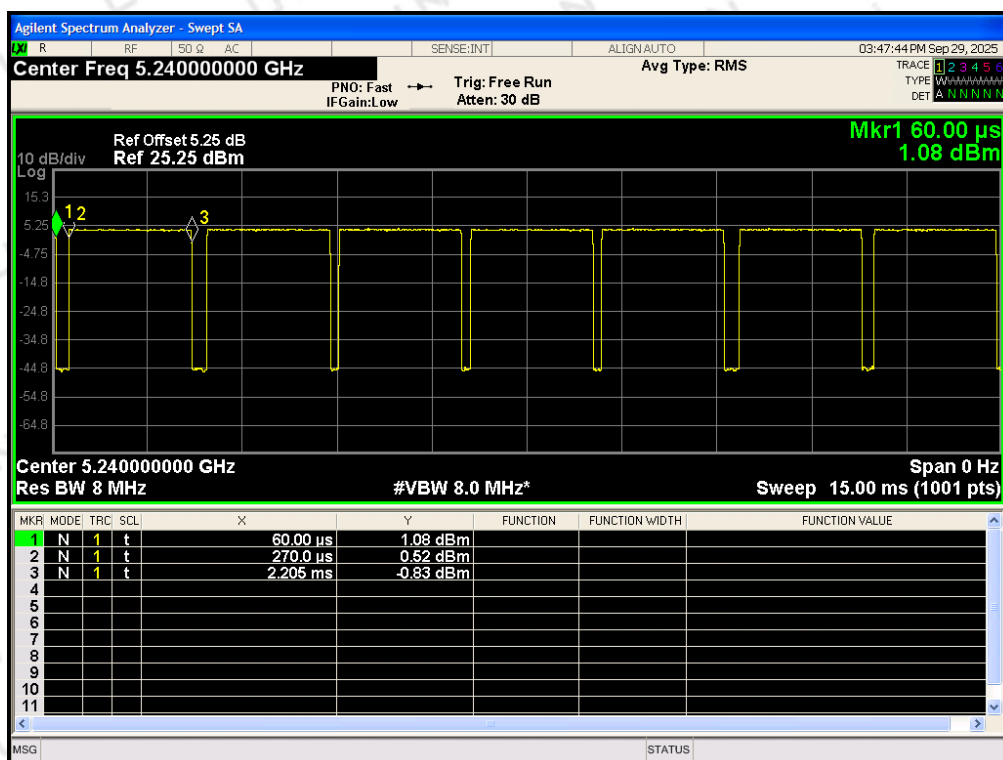
Duty Cycle NVNT 802.11ac20 5180MHz



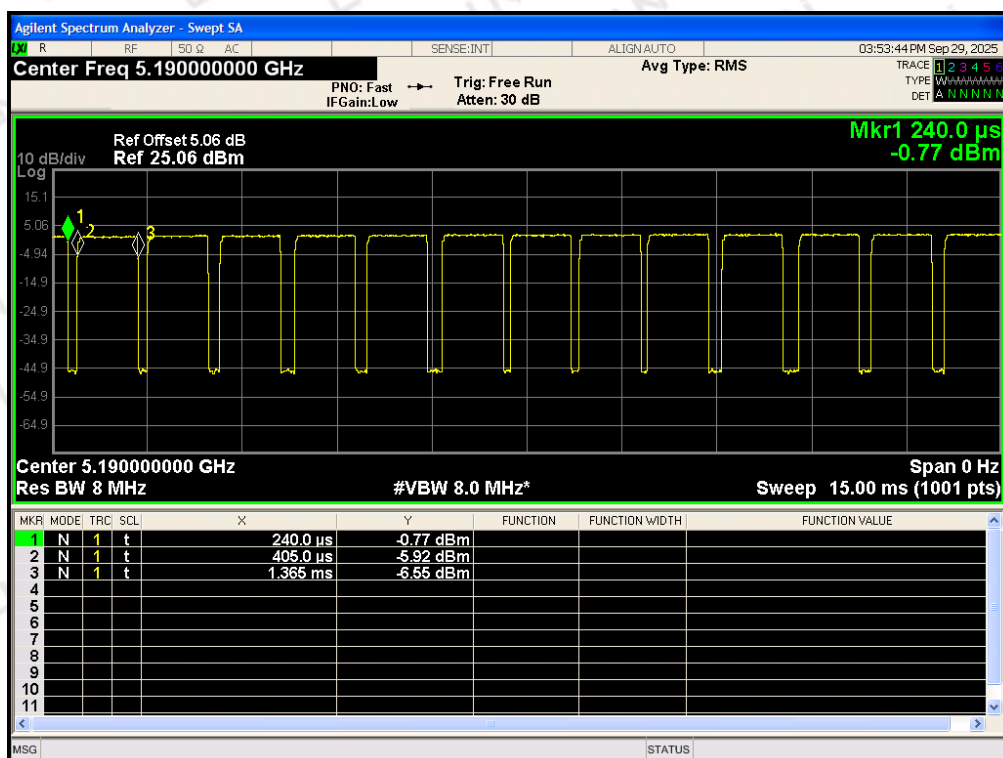
Duty Cycle NVNT 802.11ac20 5200MHz



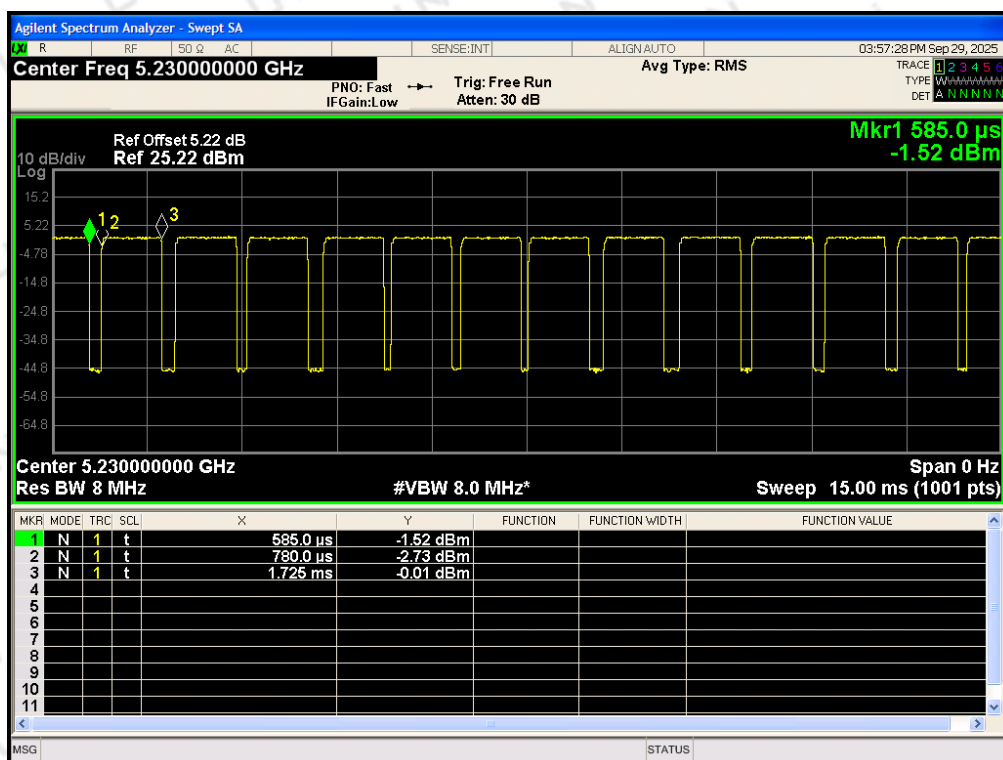
Duty Cycle NVNT 802.11ac20 5240MHz



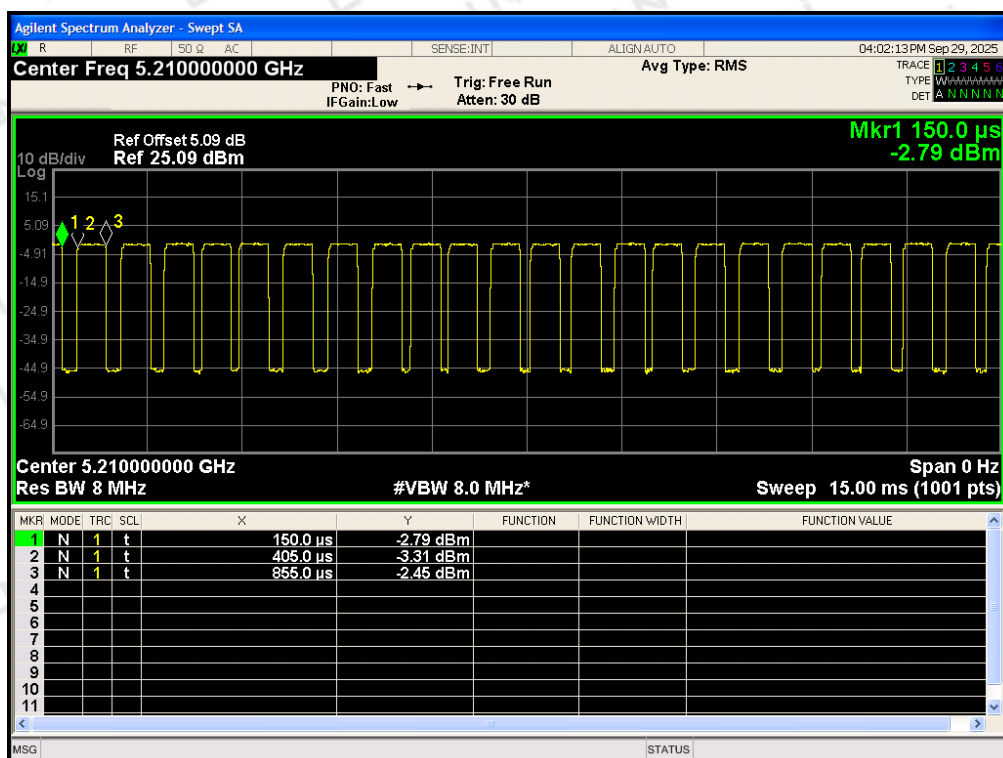
Duty Cycle NVNT 802.11ac40 5190MHz



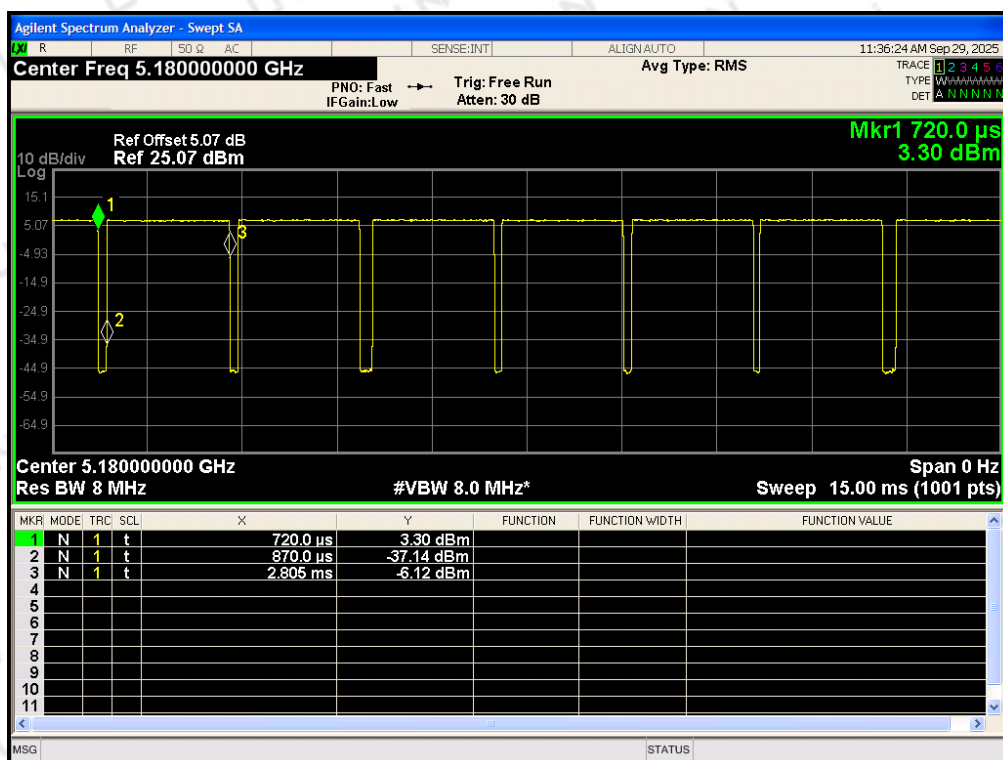
Duty Cycle NVNT 802.11ac40 5230MHz



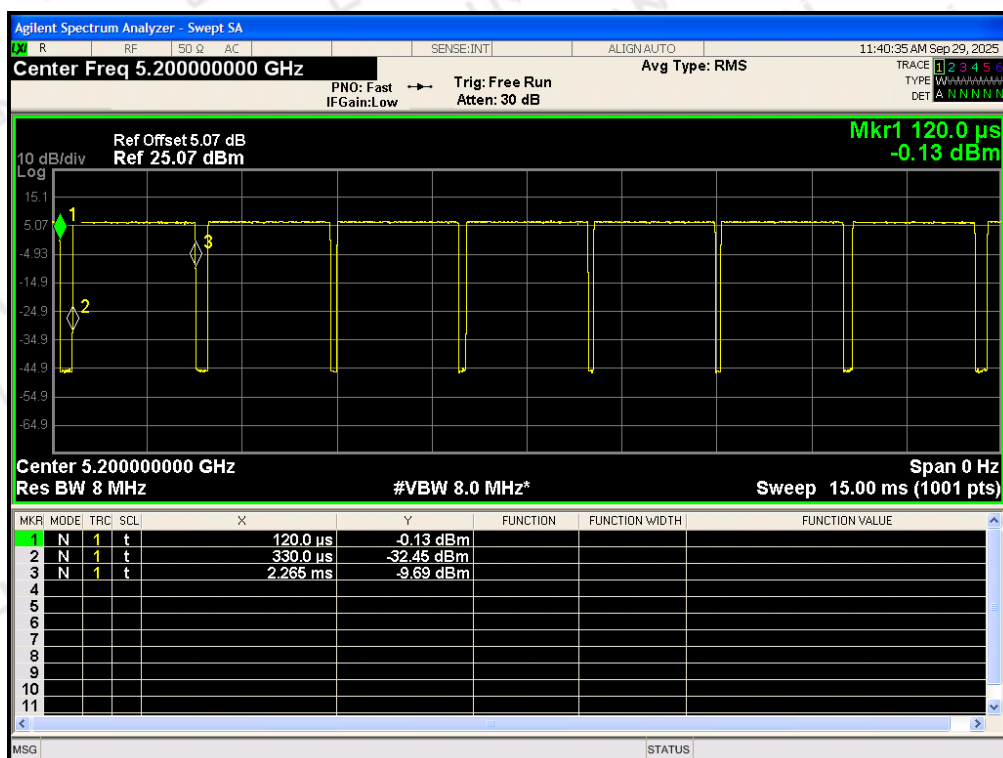
Duty Cycle NVNT 802.11ac80 5210MHz



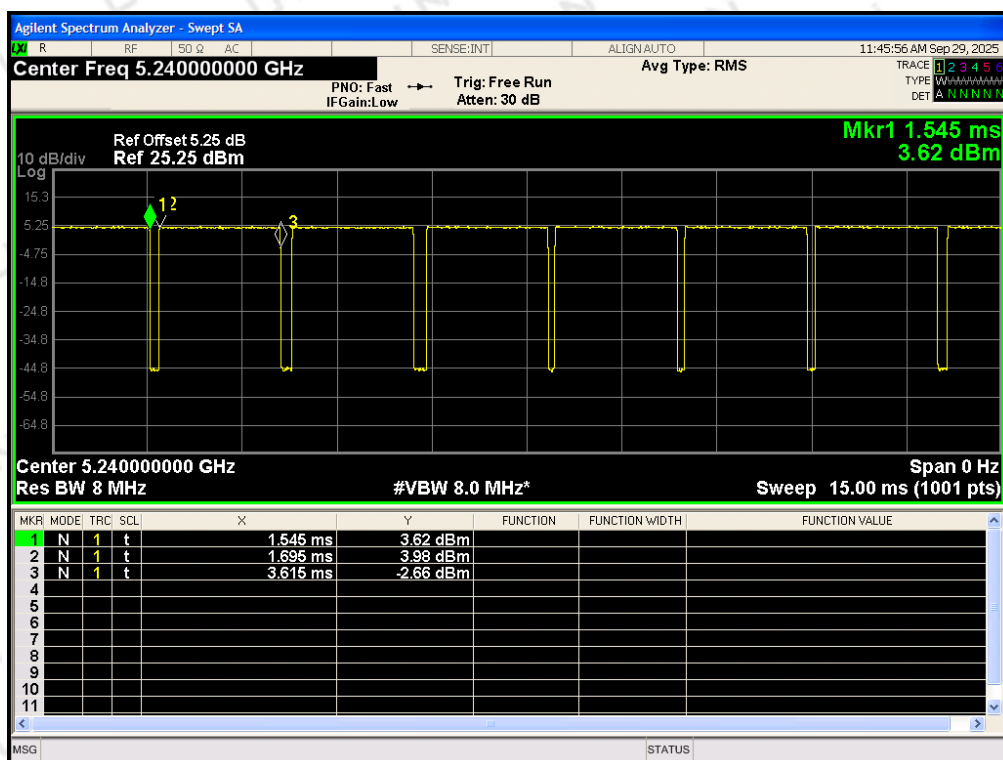
Duty Cycle NVNT 802.11n(HT20) 5180MHz



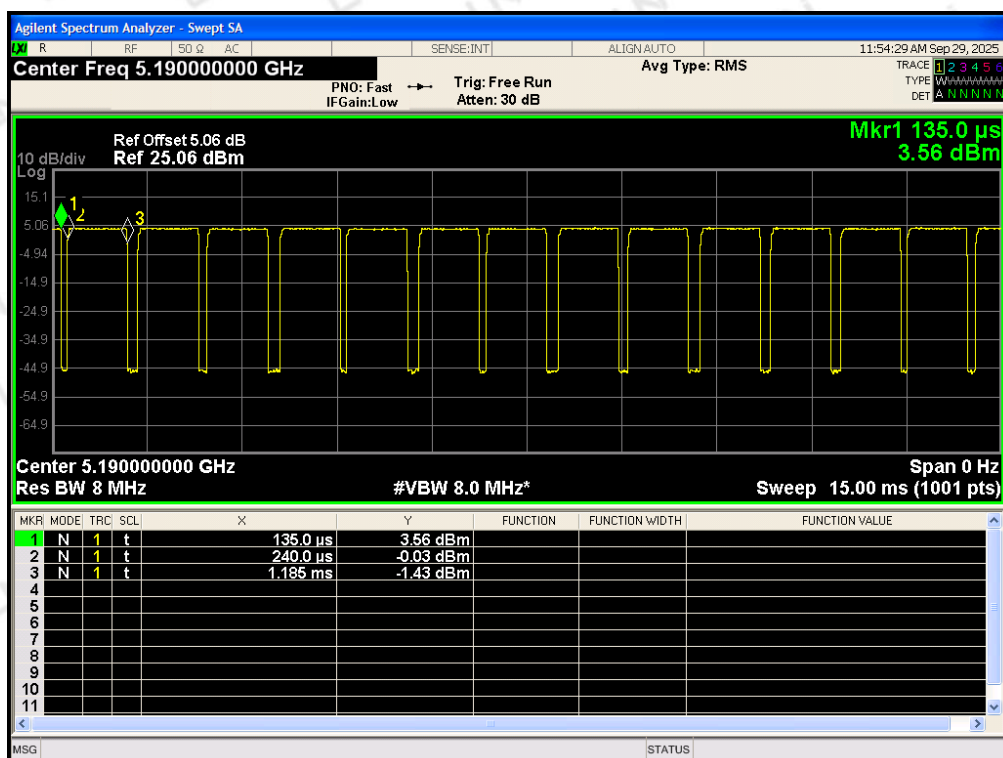
Duty Cycle NVNT 802.11n(HT20) 5200MHz



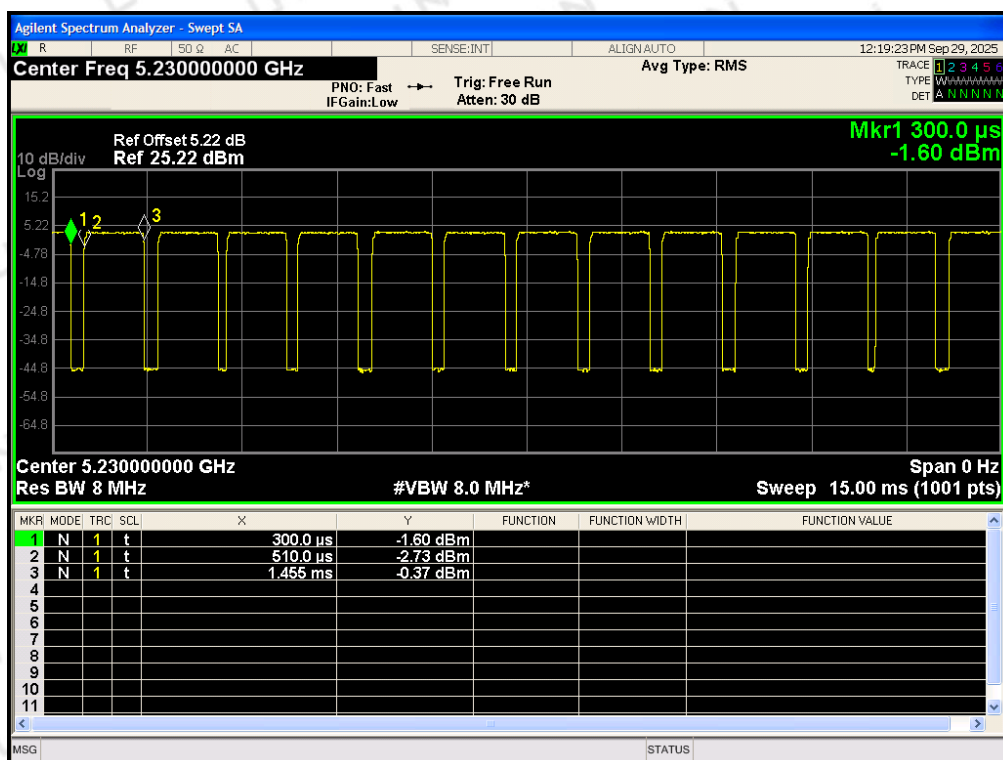
Duty Cycle NVNT 802.11n(HT20) 5240MHz



Duty Cycle NVNT 802.11n(HT40) 5190MHz



Duty Cycle NVNT 802.11n(HT40) 5230MHz

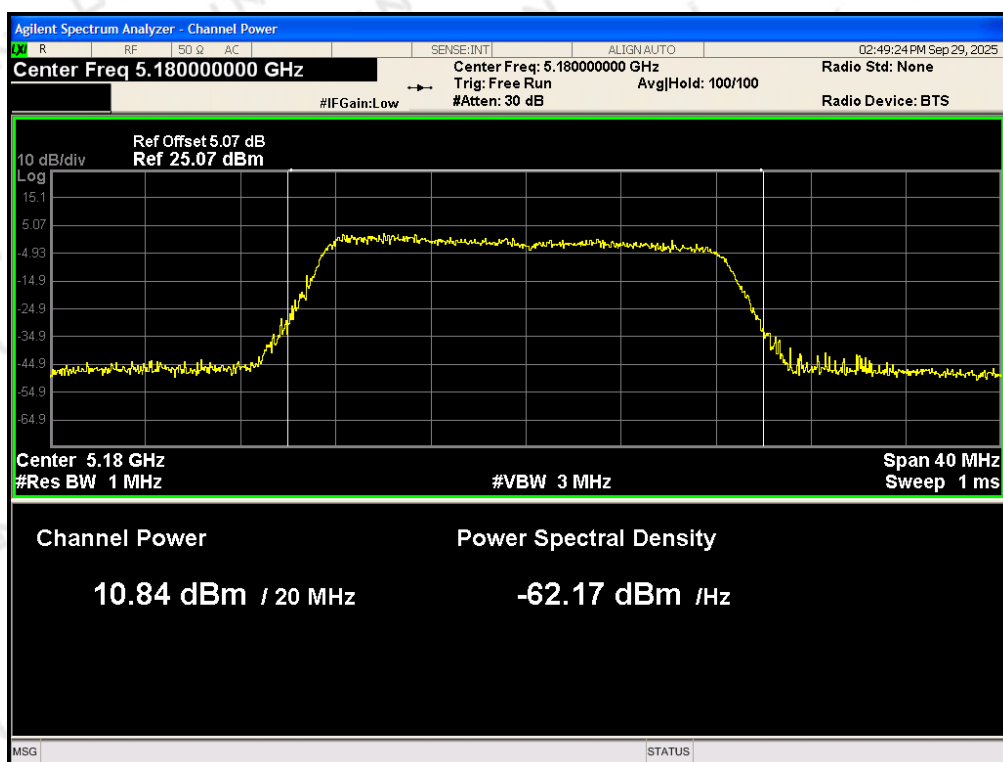


Maximum Conducted Output Power

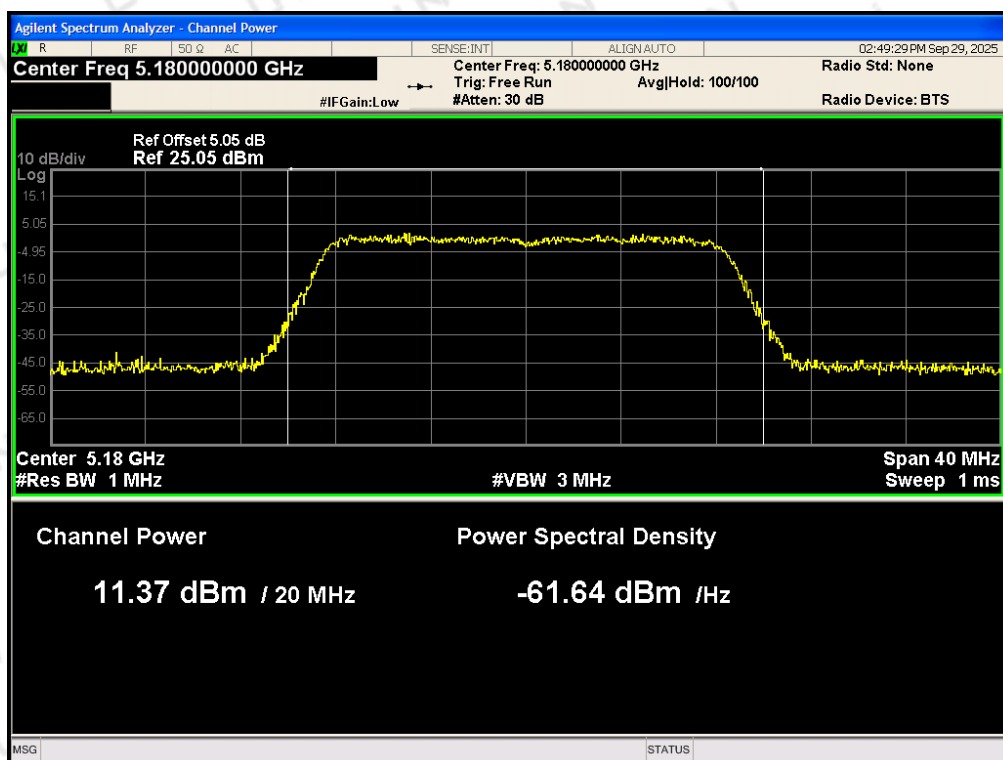
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	10.839	1.67	12.509	24	Pass
NVNT	802.11a	5180	Ant 2	11.369	1.67	13.039	24	Pass
NVNT	802.11a	5180	Total	14.122	1.67	15.792	24	Pass
NVNT	802.11a	5200	Ant 1	10.626	2.17	12.796	24	Pass
NVNT	802.11a	5200	Ant 2	11.176	2.17	13.346	24	Pass
NVNT	802.11a	5200	Total	13.92	2.17	16.090	24	Pass
NVNT	802.11a	5240	Ant 1	9.208	2.11	11.318	24	Pass
NVNT	802.11a	5240	Ant 2	9.819	2.11	11.929	24	Pass
NVNT	802.11a	5240	Total	12.535	2.11	14.645	24	Pass
NVNT	802.11ac20	5180	Ant 1	13.445	0.26	13.705	24	Pass
NVNT	802.11ac20	5180	Ant 2	13.956	0.26	14.216	24	Pass
NVNT	802.11ac20	5180	Total	16.718	0.26	16.978	24	Pass
NVNT	802.11ac20	5200	Ant 1	12.23	0.48	12.710	24	Pass
NVNT	802.11ac20	5200	Ant 2	12.767	0.48	13.247	24	Pass
NVNT	802.11ac20	5200	Total	15.517	0.48	15.997	24	Pass
NVNT	802.11ac20	5240	Ant 1	11.192	0.45	11.642	24	Pass
NVNT	802.11ac20	5240	Ant 2	11.63	0.45	12.080	24	Pass
NVNT	802.11ac20	5240	Total	14.427	0.45	14.877	24	Pass
NVNT	802.11ac40	5190	Ant 1	12.905	0.69	13.595	24	Pass
NVNT	802.11ac40	5190	Ant 2	13.432	0.69	14.122	24	Pass
NVNT	802.11ac40	5190	Total	16.187	0.69	16.877	24	Pass
NVNT	802.11ac40	5230	Ant 1	11.835	0.81	12.645	24	Pass
NVNT	802.11ac40	5230	Ant 2	12.284	0.81	13.094	24	Pass
NVNT	802.11ac40	5230	Total	15.076	0.81	15.886	24	Pass
NVNT	802.11ac80	5210	Ant 1	13.372	1.95	15.322	24	Pass
NVNT	802.11ac80	5210	Ant 2	13.859	1.95	15.809	24	Pass
NVNT	802.11ac80	5210	Total	16.633	1.95	18.583	24	Pass
NVNT	802.11n(HT20)	5180	Ant 1	14.023	0.32	14.343	24	Pass
NVNT	802.11n(HT20)	5180	Ant 2	14.636	0.32	14.956	24	Pass
NVNT	802.11n(HT20)	5180	Total	17.351	0.32	17.671	24	Pass
NVNT	802.11n(HT20)	5200	Ant 1	13.358	0.45	13.808	24	Pass
NVNT	802.11n(HT20)	5200	Ant 2	13.95	0.45	14.400	24	Pass
NVNT	802.11n(HT20)	5200	Total	16.674	0.45	17.124	24	Pass
NVNT	802.11n(HT20)	5240	Ant 1	12.063	0.33	12.393	24	Pass

NVNT	802.11n(HT20)	5240	Ant 2	12.609	0.33	12.939	24	Pass
NVNT	802.11n(HT20)	5240	Total	15.355	0.33	15.685	24	Pass
NVNT	802.11n(HT40)	5190	Ant 1	14.697	0.46	15.157	24	Pass
NVNT	802.11n(HT40)	5190	Ant 2	15.212	0.46	15.672	24	Pass
NVNT	802.11n(HT40)	5190	Total	17.972	0.46	18.432	24	Pass
NVNT	802.11n(HT40)	5230	Ant 1	13.467	0.87	14.337	24	Pass
NVNT	802.11n(HT40)	5230	Ant 2	13.906	0.87	14.776	24	Pass
NVNT	802.11n(HT40)	5230	Total	16.702	0.87	17.572	24	Pass

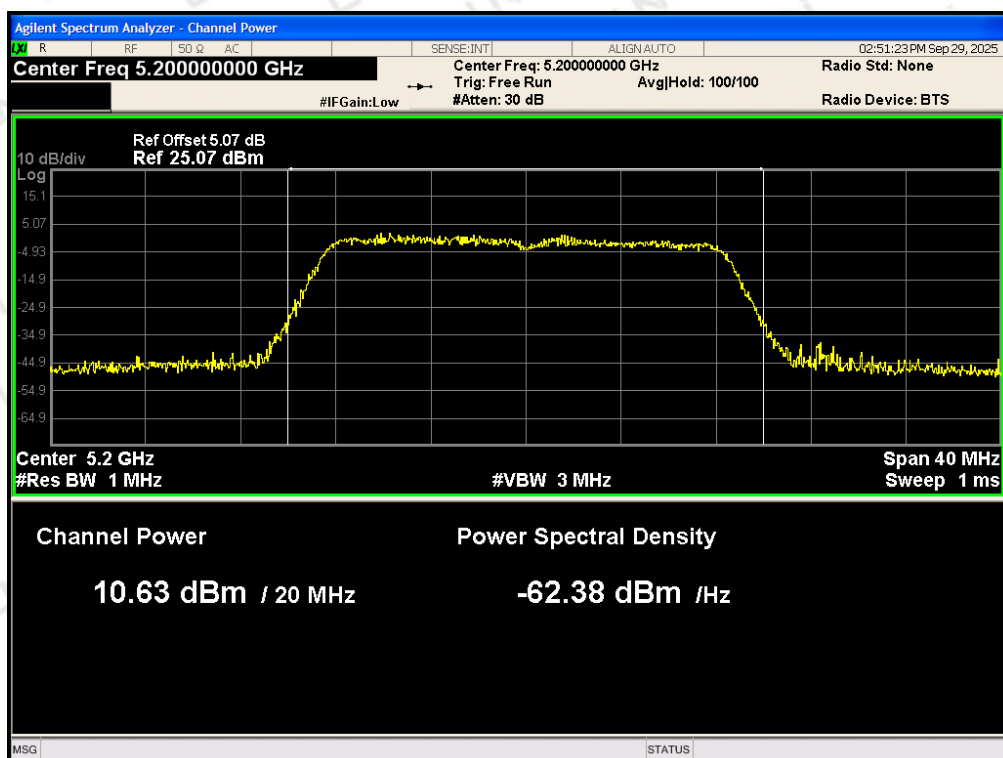
Power NVNT 802.11a 5180MHz Ant1



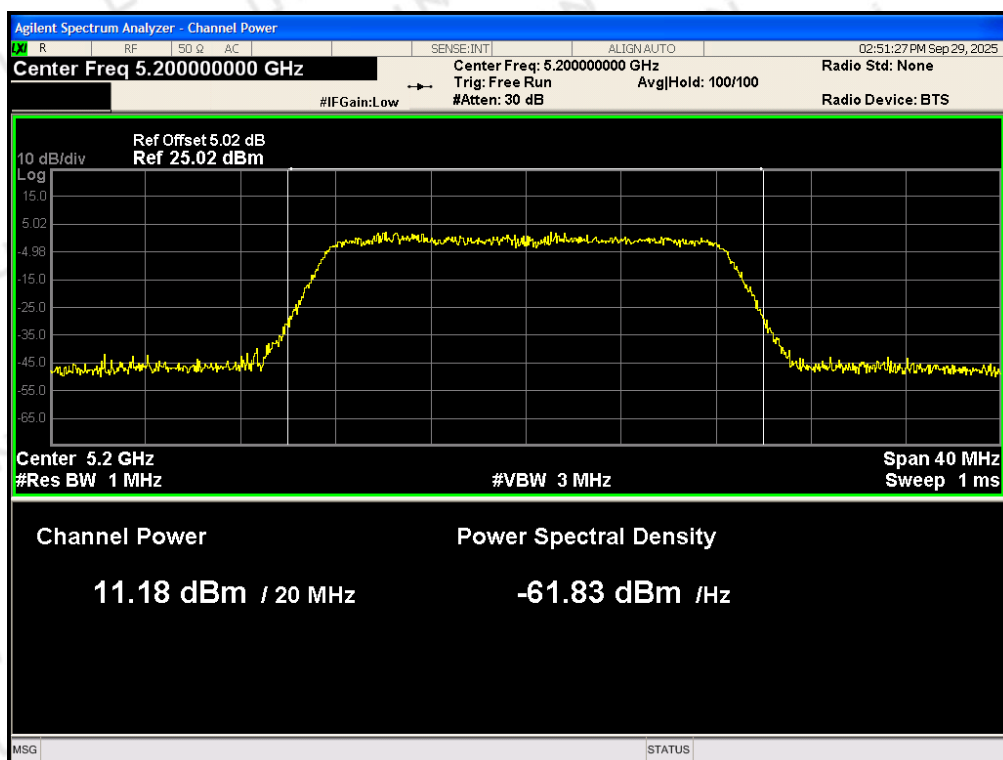
Power NVNT 802.11a 5180MHz Ant2



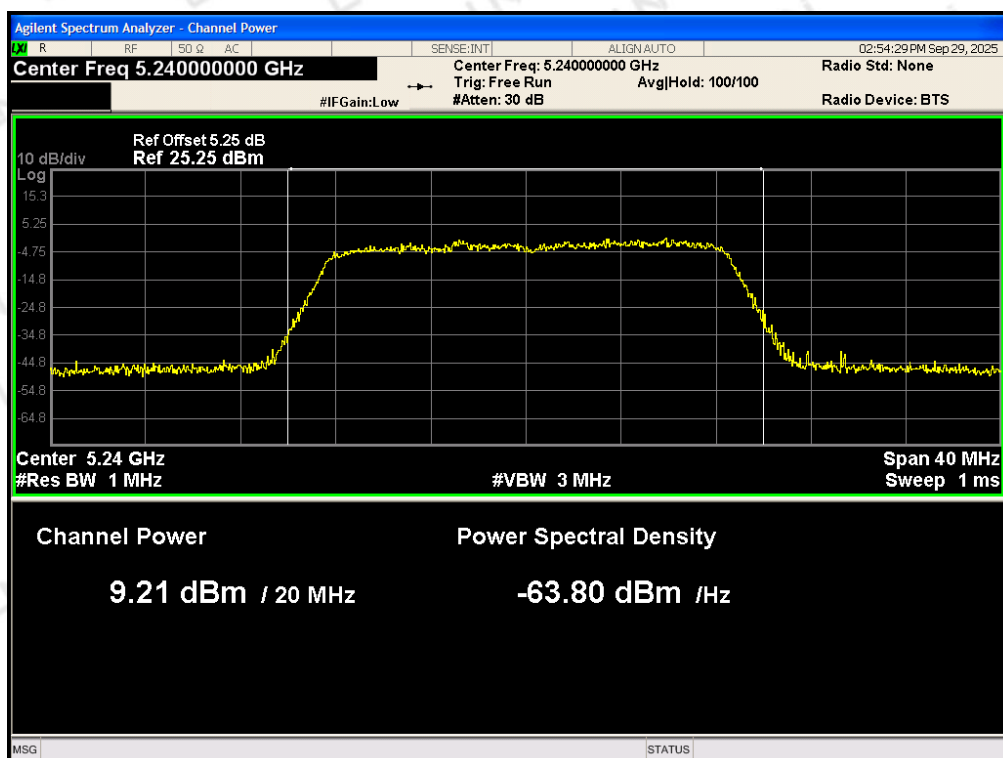
Power NVNT 802.11a 5200MHz Ant1



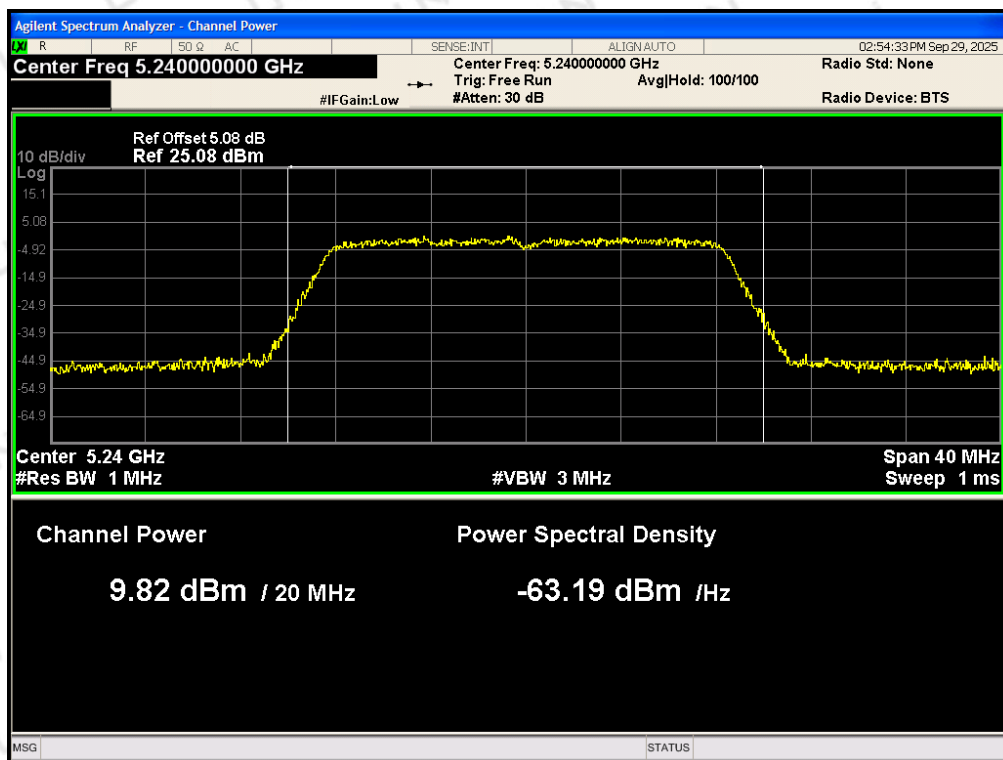
Power NVNT 802.11a 5200MHz Ant2



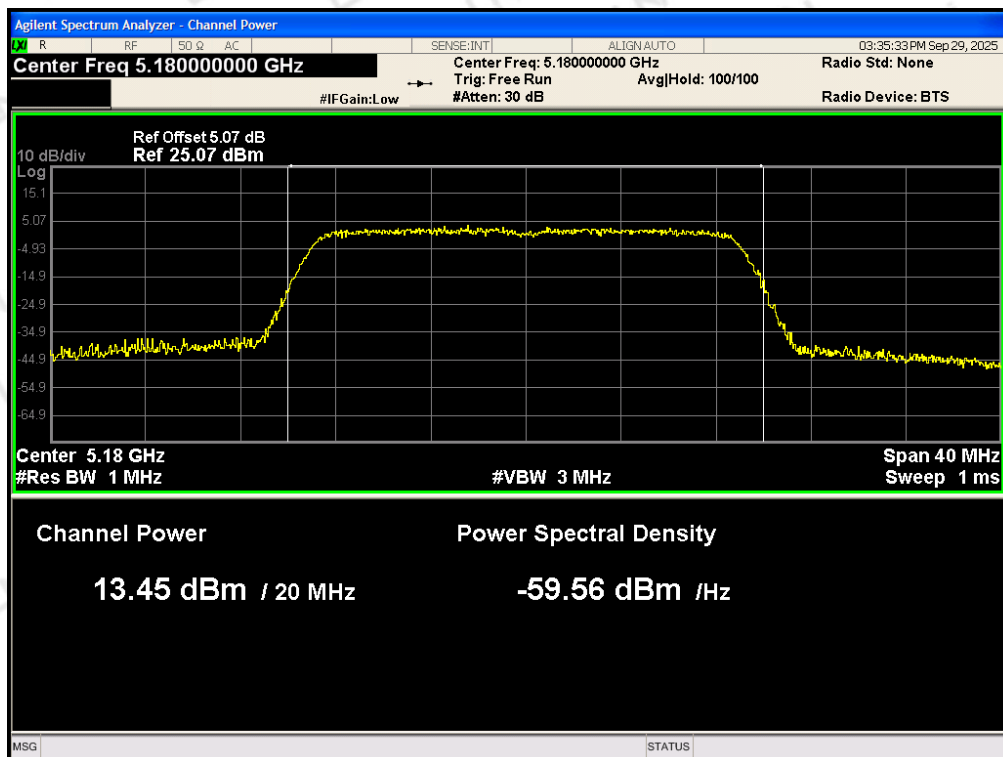
Power NVNT 802.11a 5240MHz Ant1



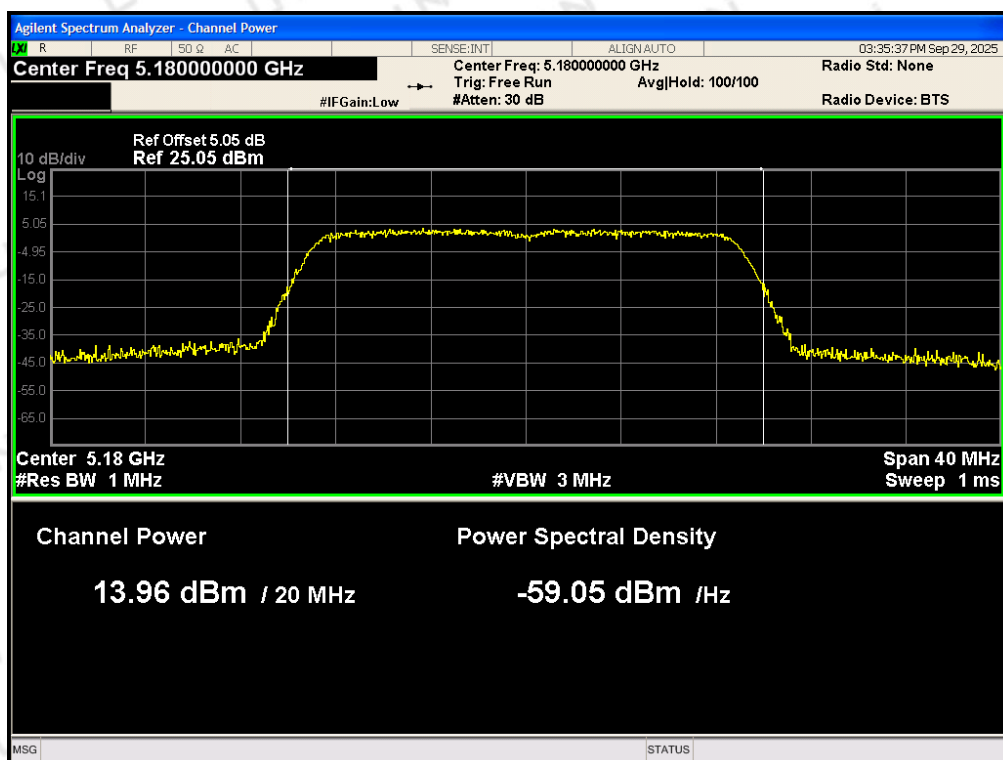
Power NVNT 802.11a 5240MHz Ant2



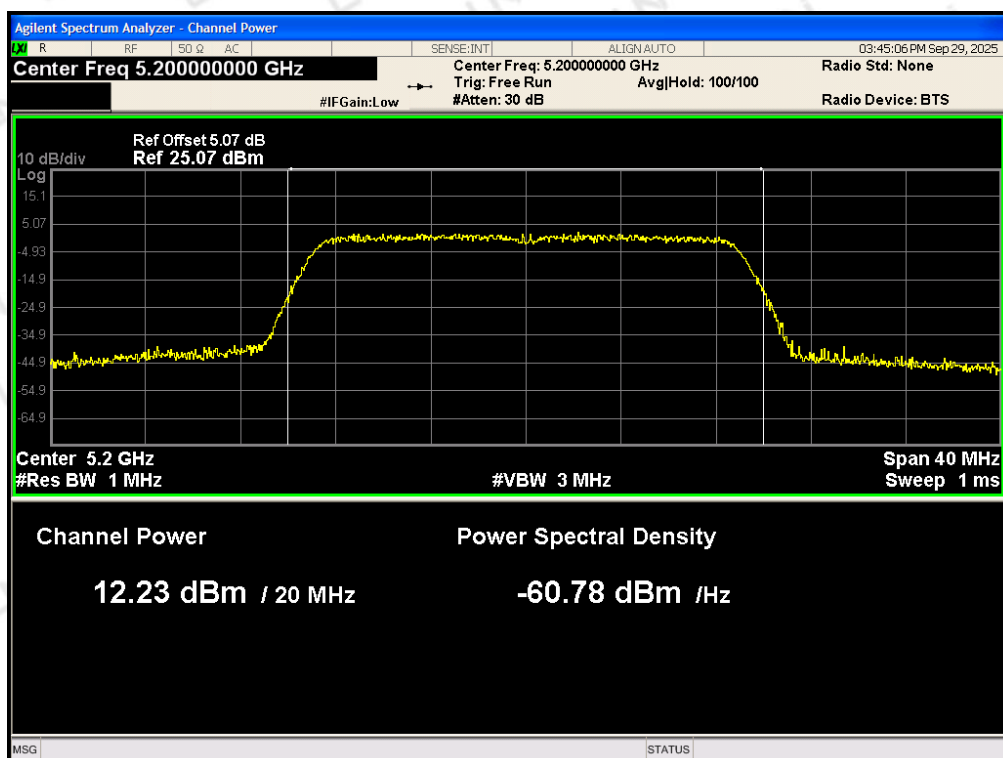
Power NVNT 802.11ac20 5180MHz Ant1



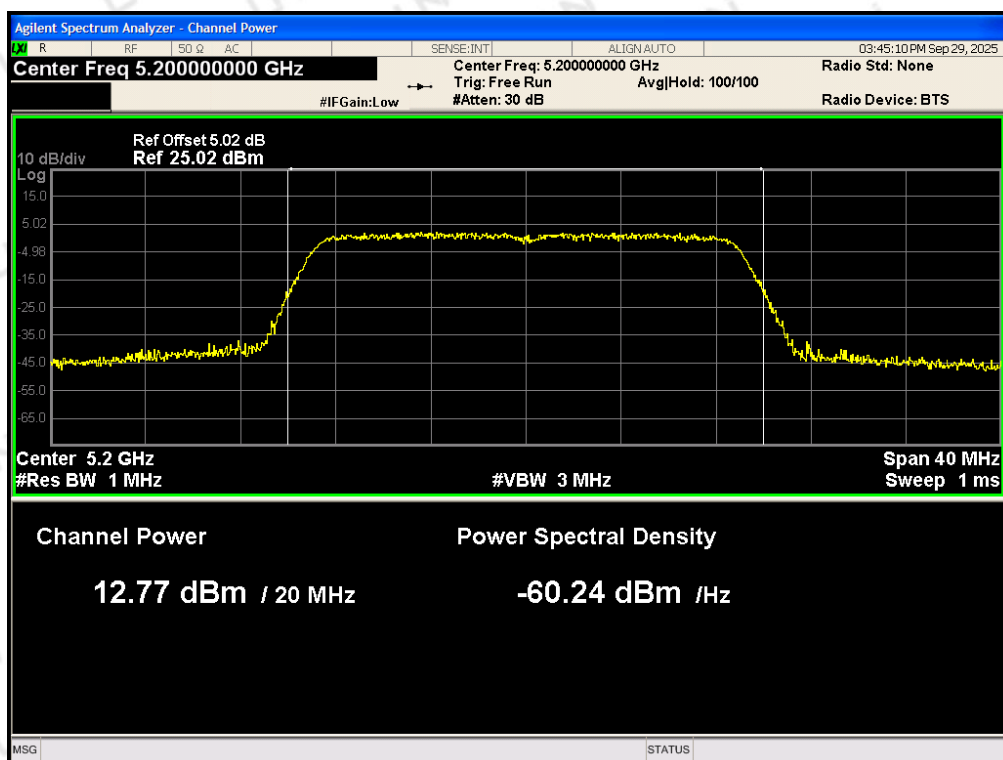
Power NVNT 802.11ac20 5180MHz Ant2



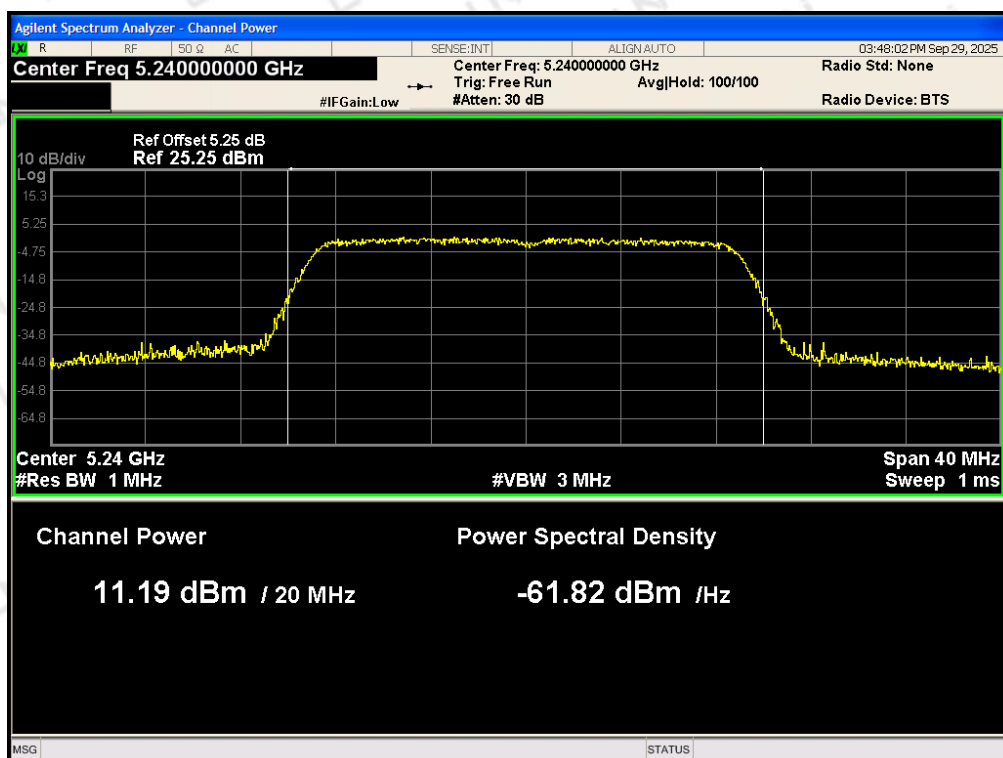
Power NVNT 802.11ac20 5200MHz Ant1



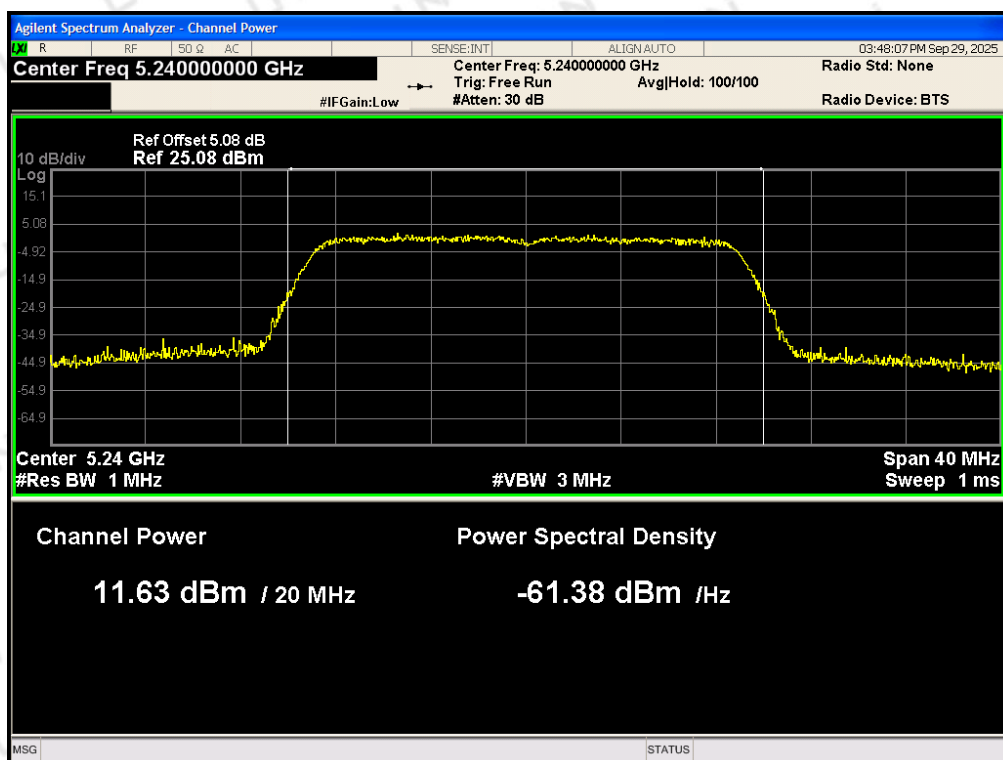
Power NVNT 802.11ac20 5200MHz Ant2



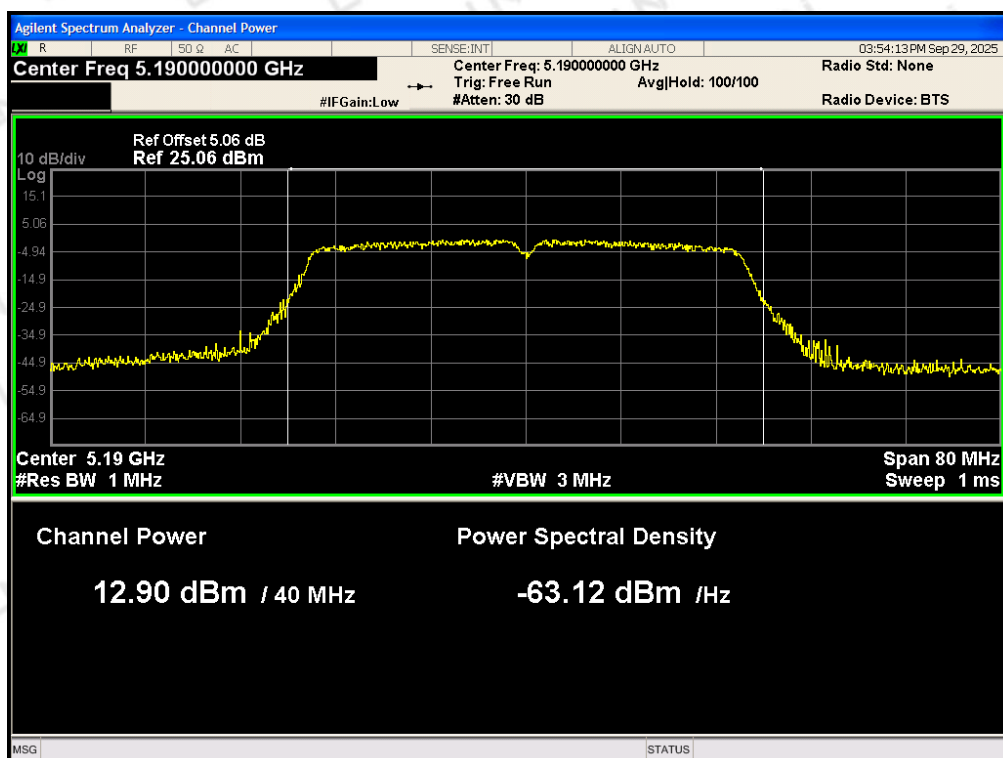
Power NVNT 802.11ac20 5240MHz Ant1



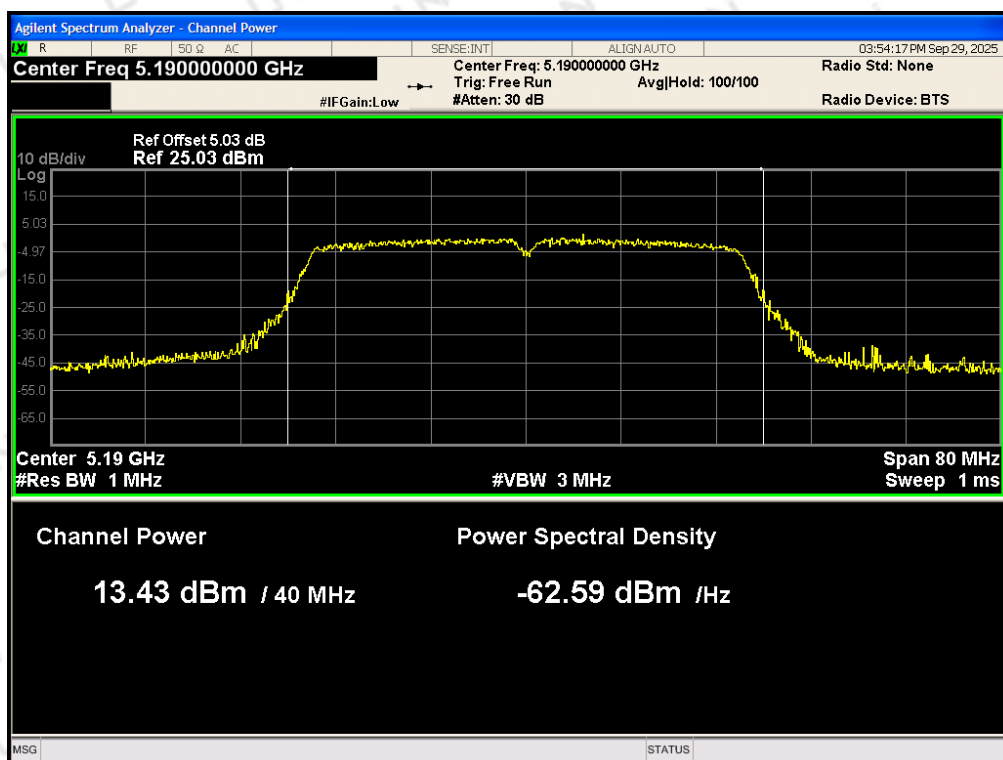
Power NVNT 802.11ac20 5240MHz Ant2



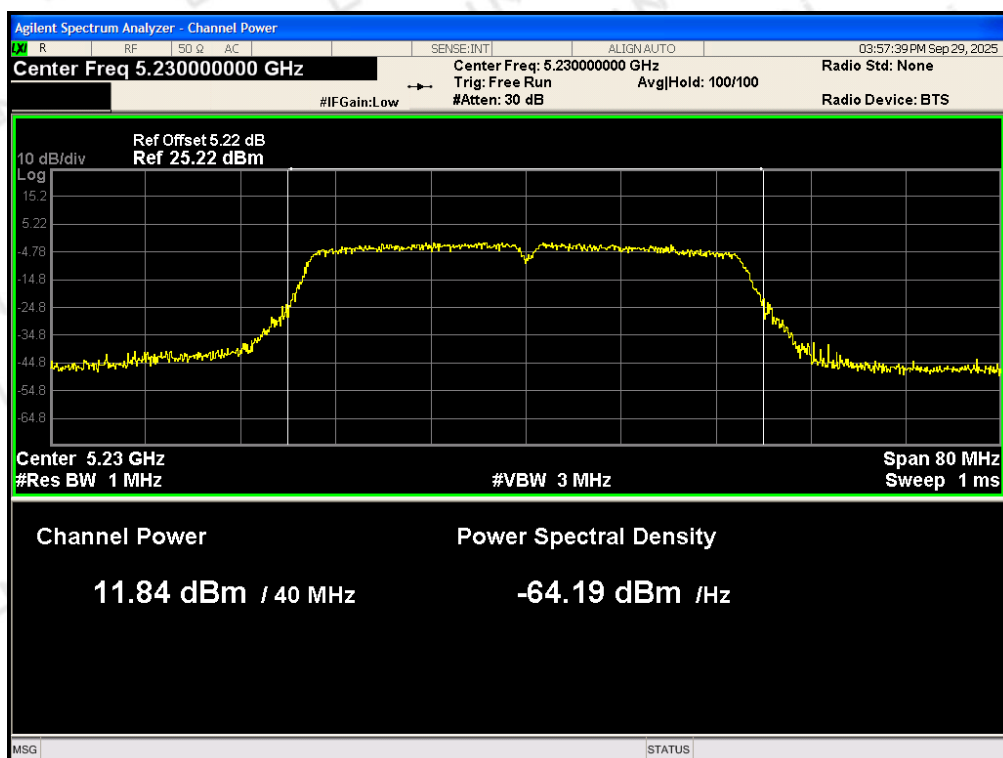
Power NVNT 802.11ac40 5190MHz Ant1



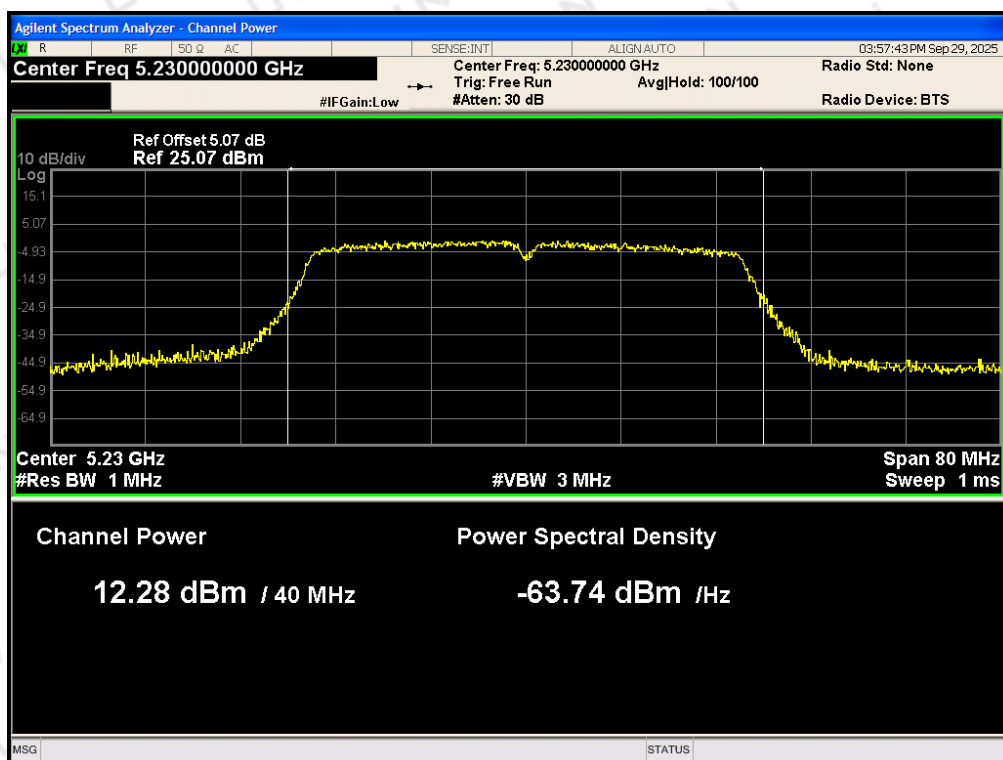
Power NVNT 802.11ac40 5190MHz Ant2



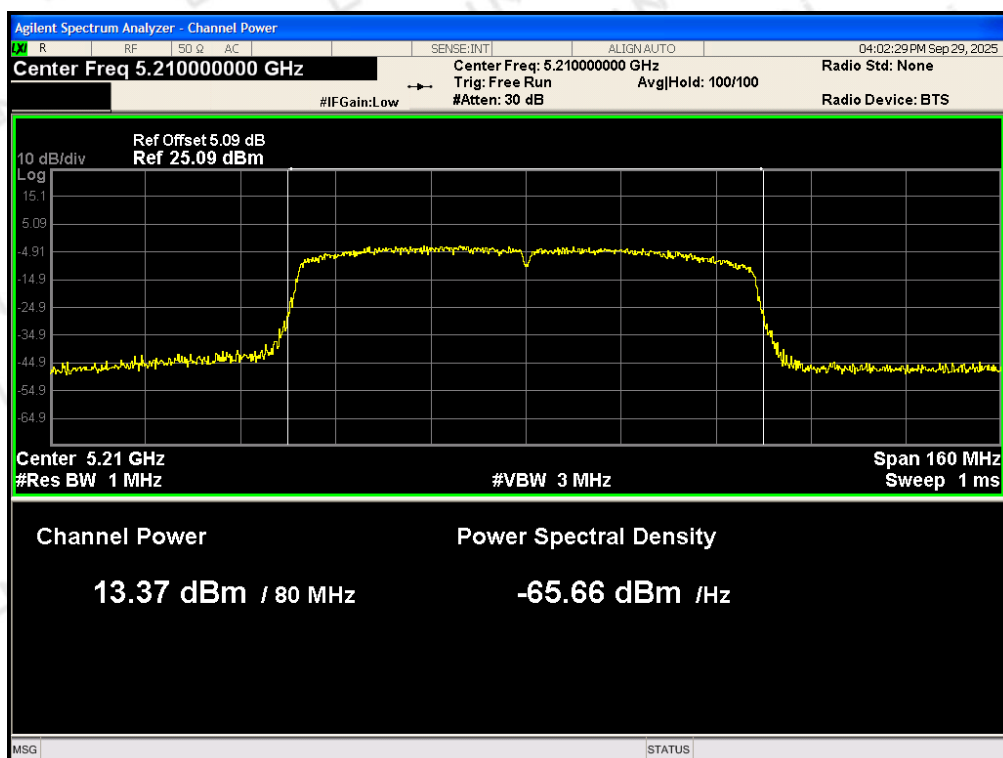
Power NVNT 802.11ac40 5230MHz Ant1



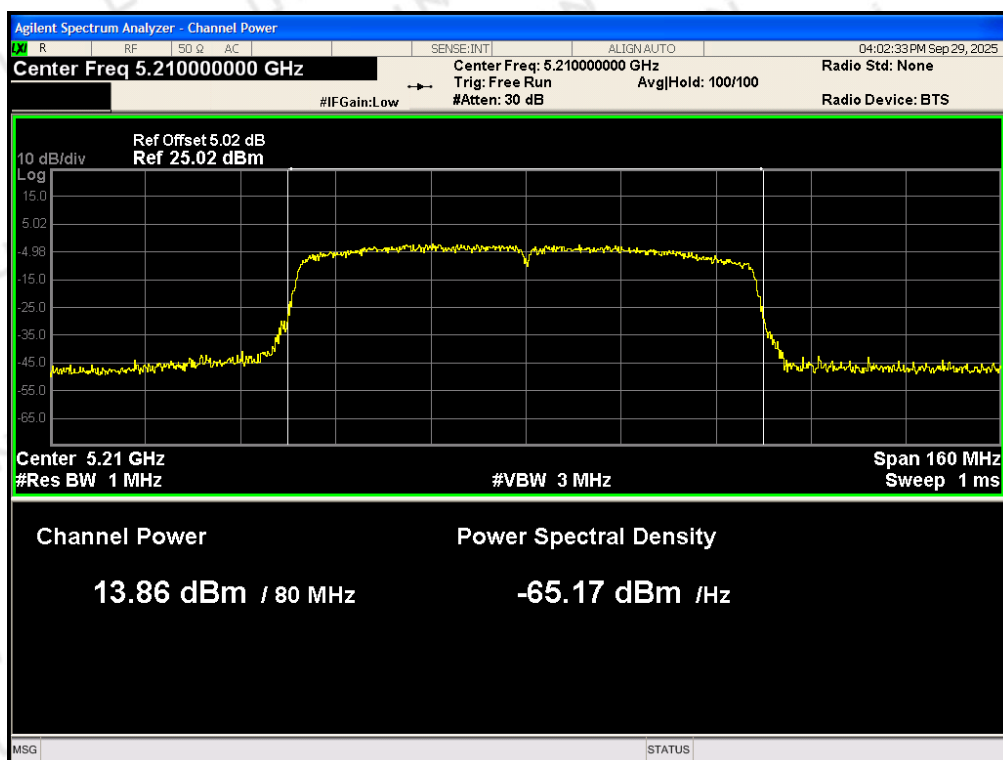
Power NVNT 802.11ac40 5230MHz Ant2



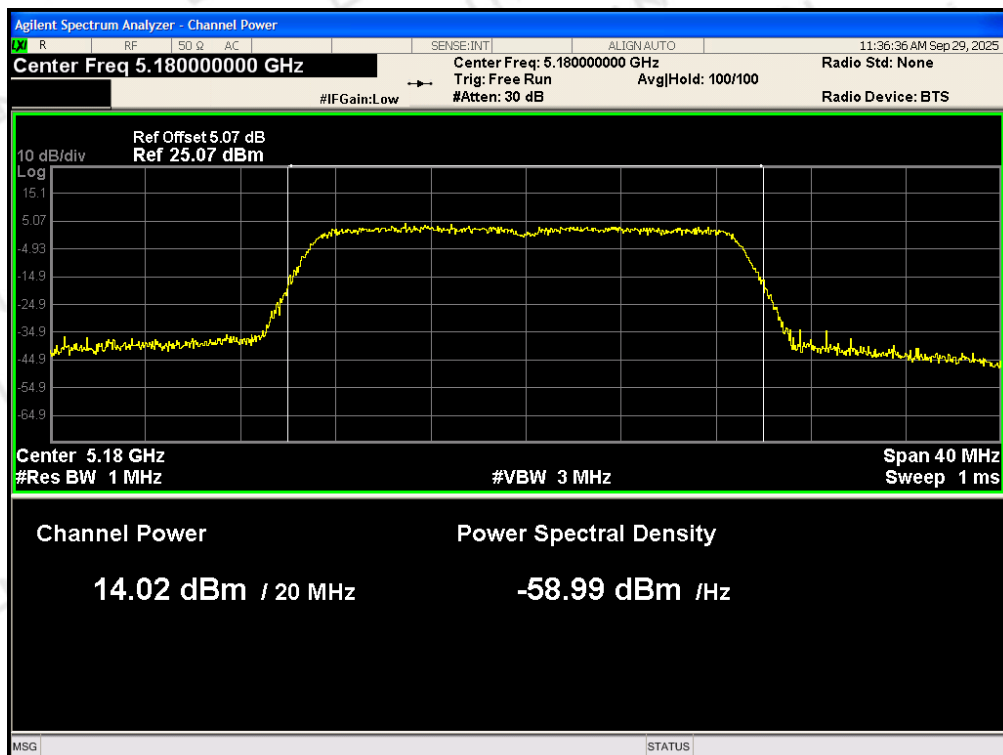
Power NVNT 802.11ac80 5210MHz Ant1



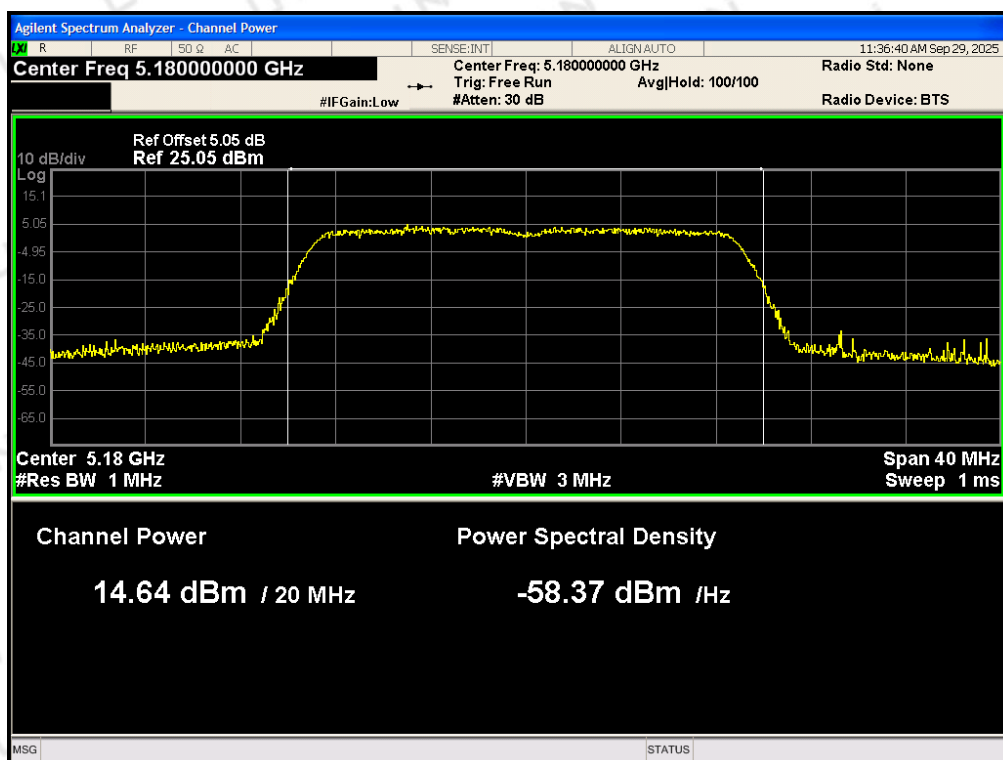
Power NVNT 802.11ac80 5210MHz Ant2



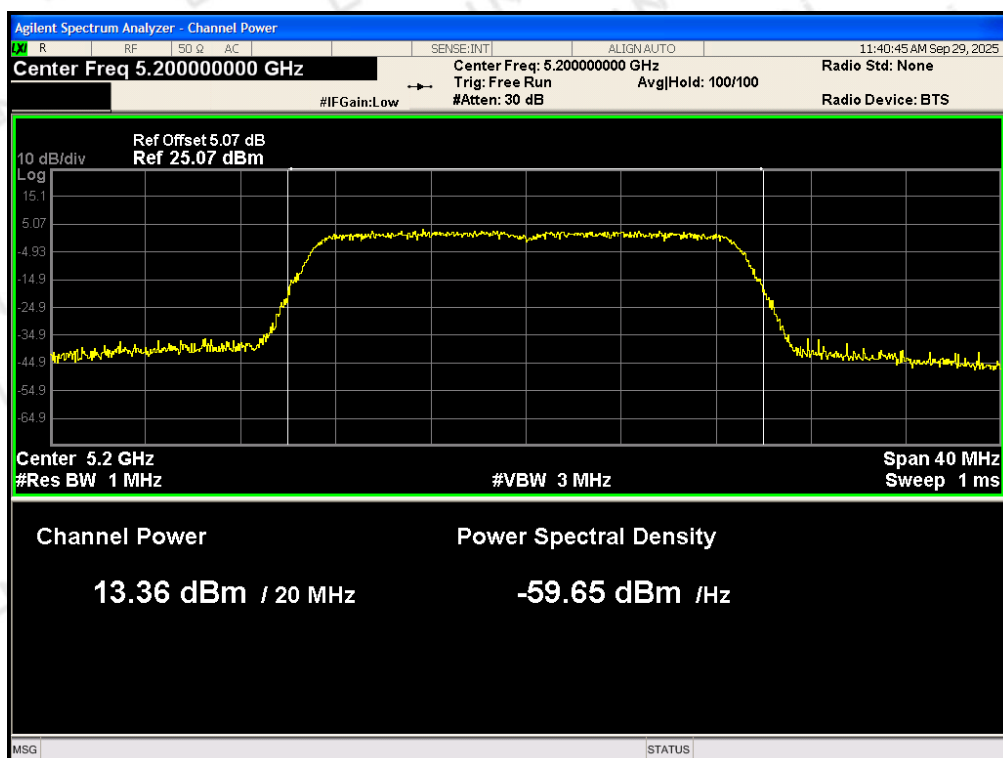
Power NVNT 802.11n(HT20) 5180MHz Ant1



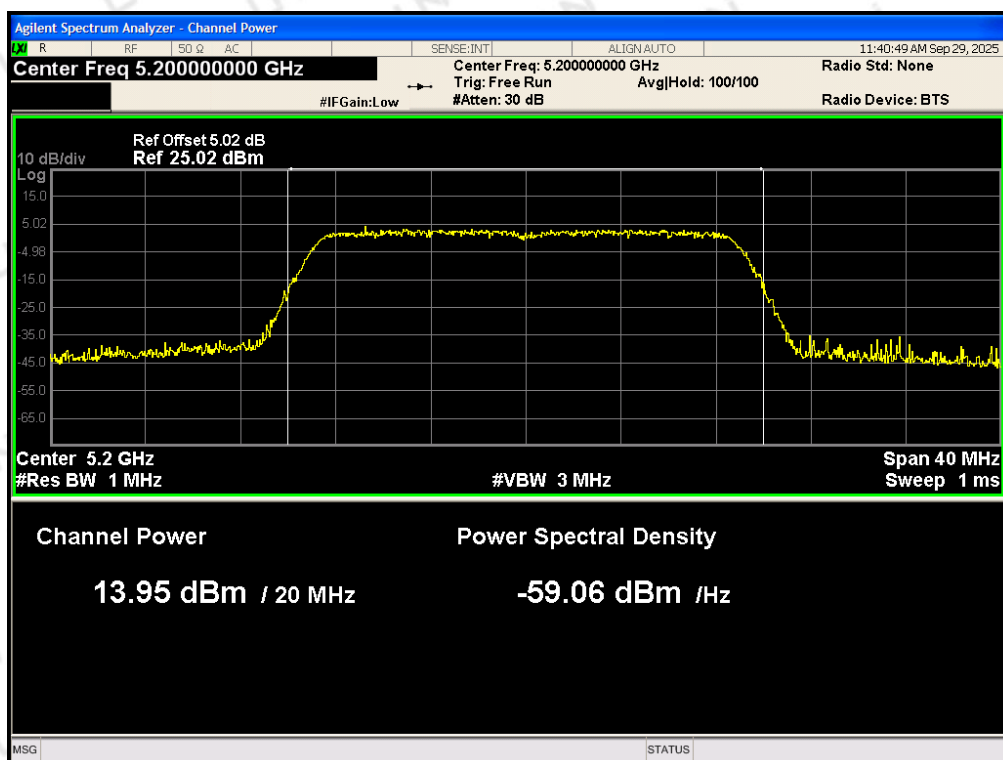
Power NVNT 802.11n(HT20) 5180MHz Ant2



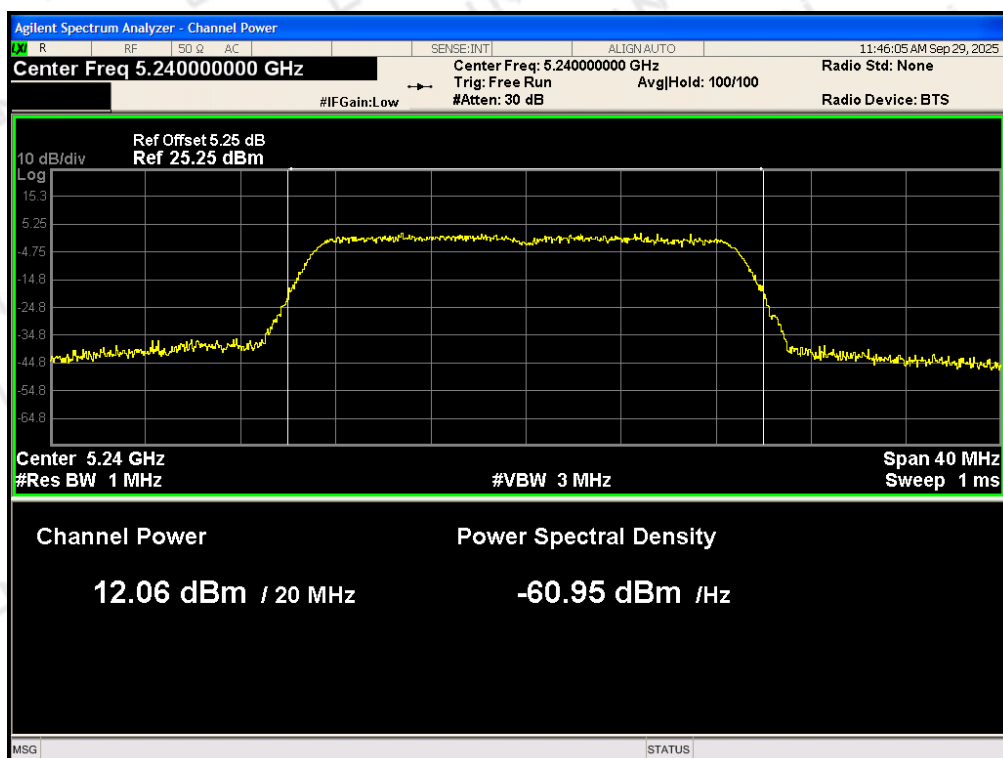
Power NVNT 802.11n(HT20) 5200MHz Ant1



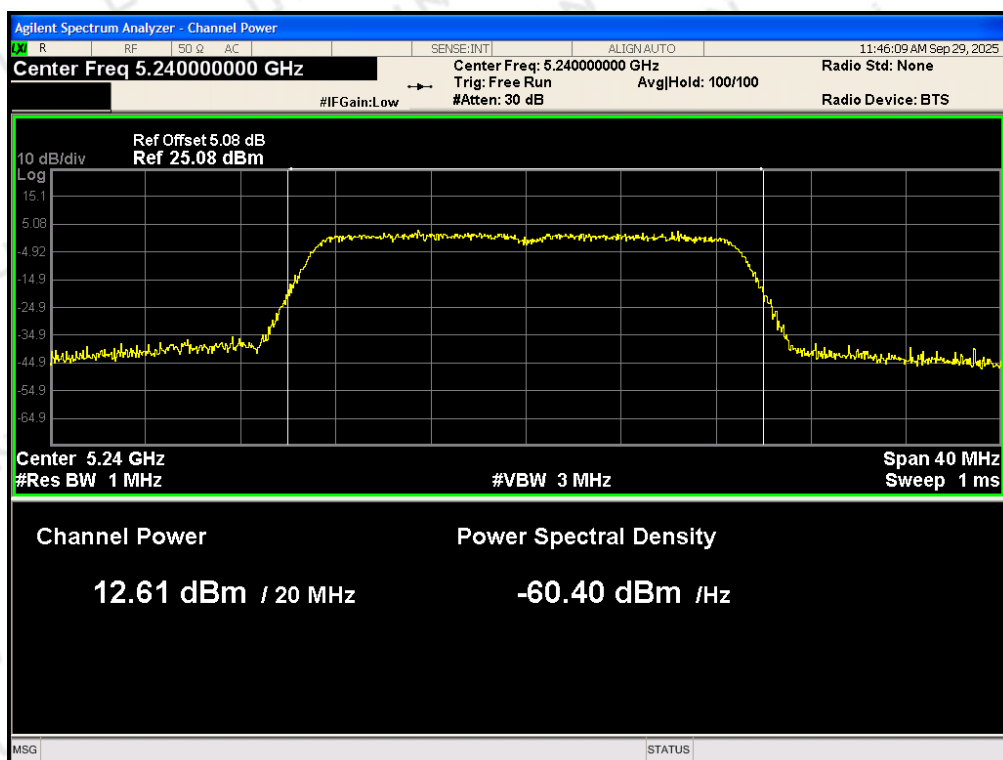
Power NVNT 802.11n(HT20) 5200MHz Ant2



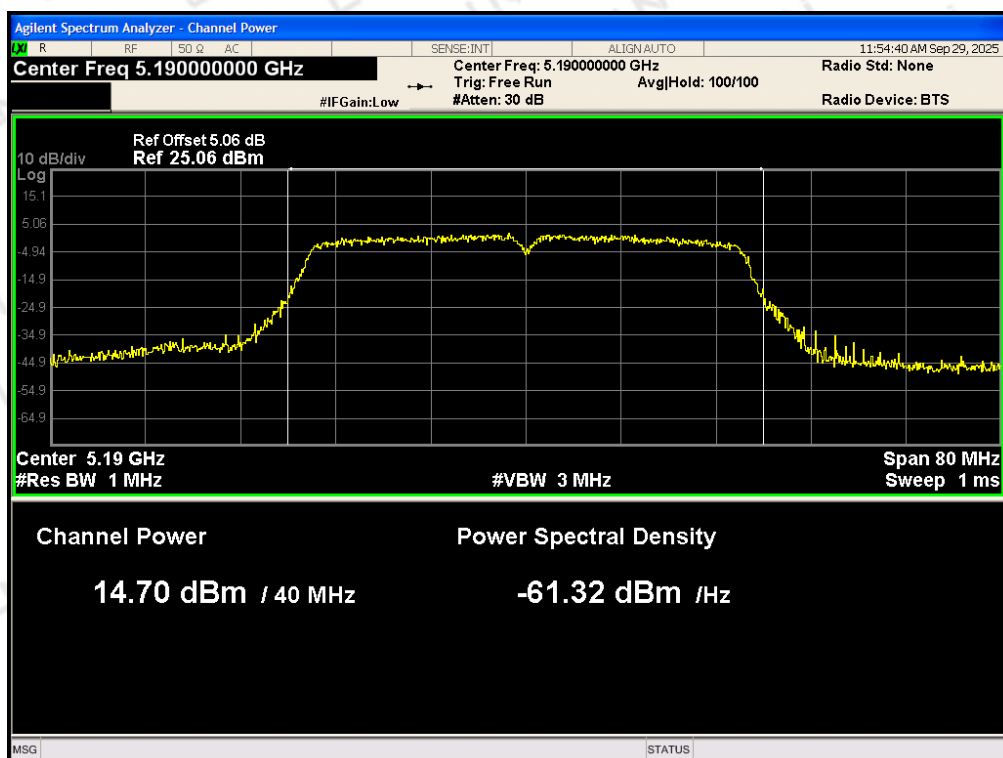
Power NVNT 802.11n(HT20) 5240MHz Ant1



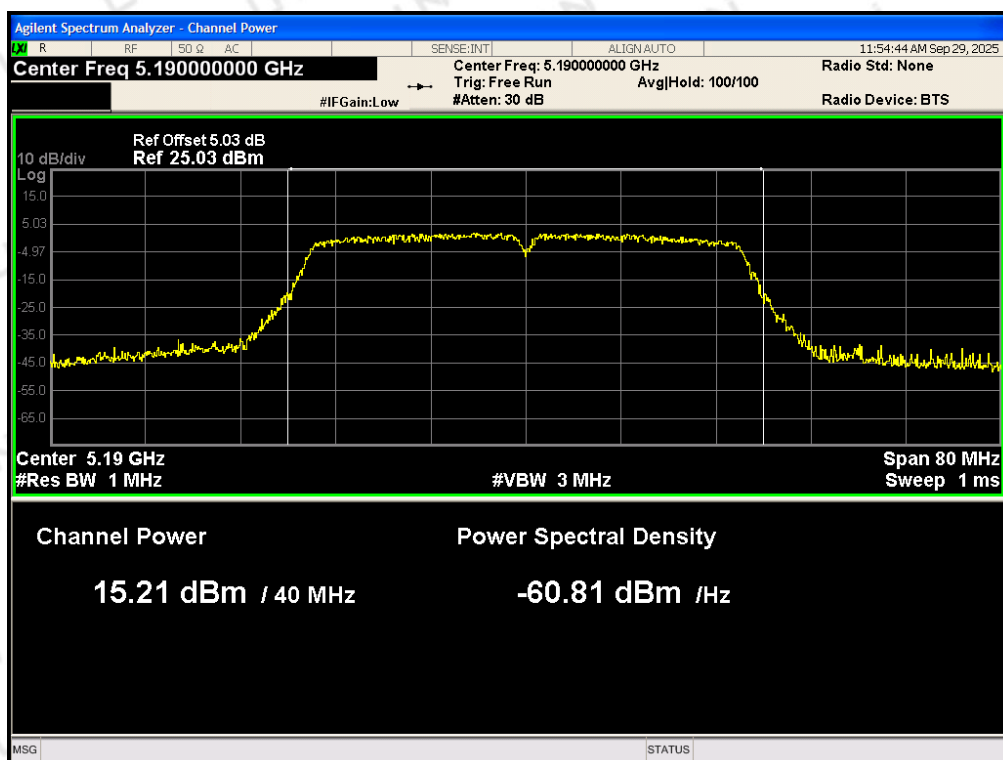
Power NVNT 802.11n(HT20) 5240MHz Ant2



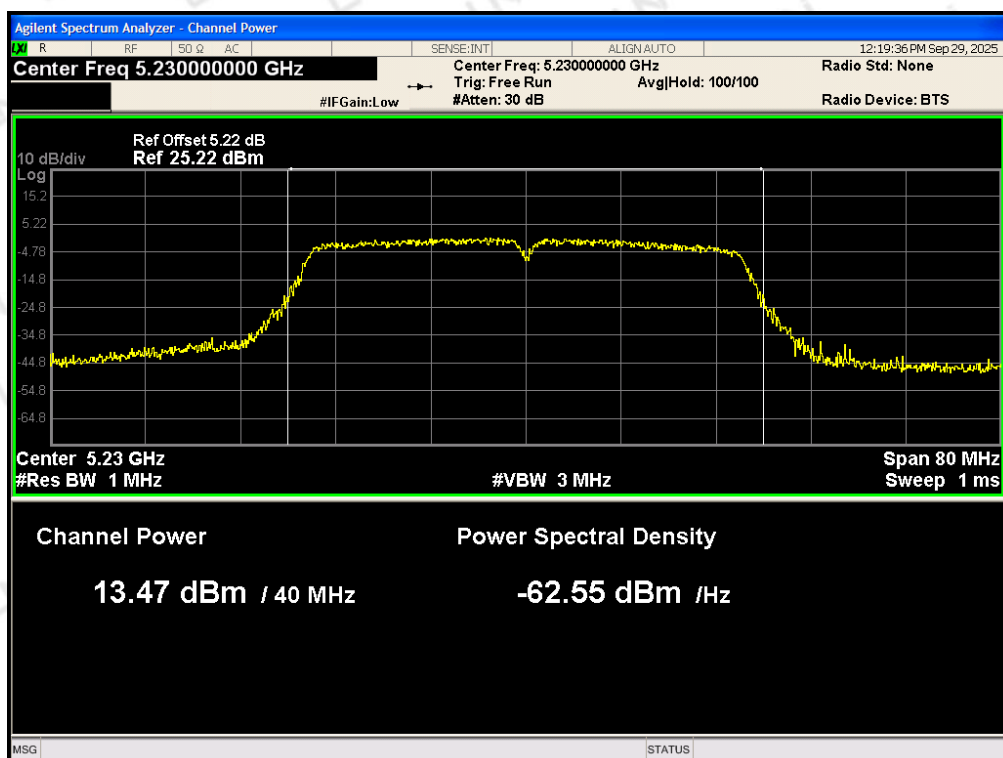
Power NVNT 802.11n(HT40) 5190MHz Ant1



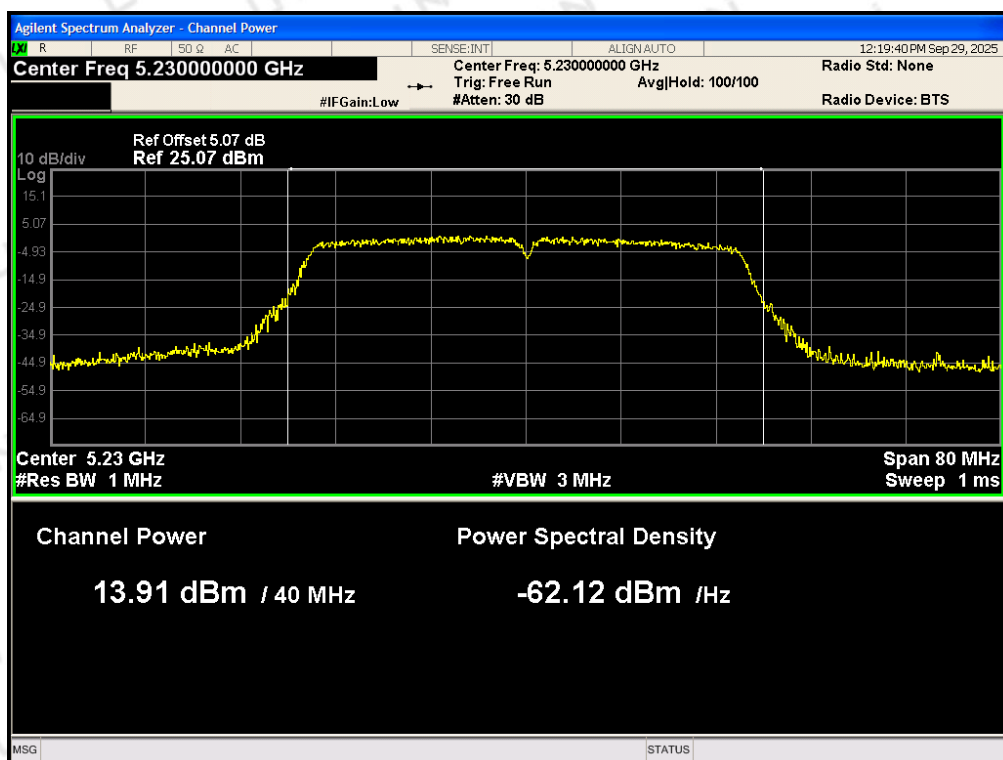
Power NVNT 802.11n(HT40) 5190MHz Ant2



Power NVNT 802.11n(HT40) 5230MHz Ant1



Power NVNT 802.11n(HT40) 5230MHz Ant2

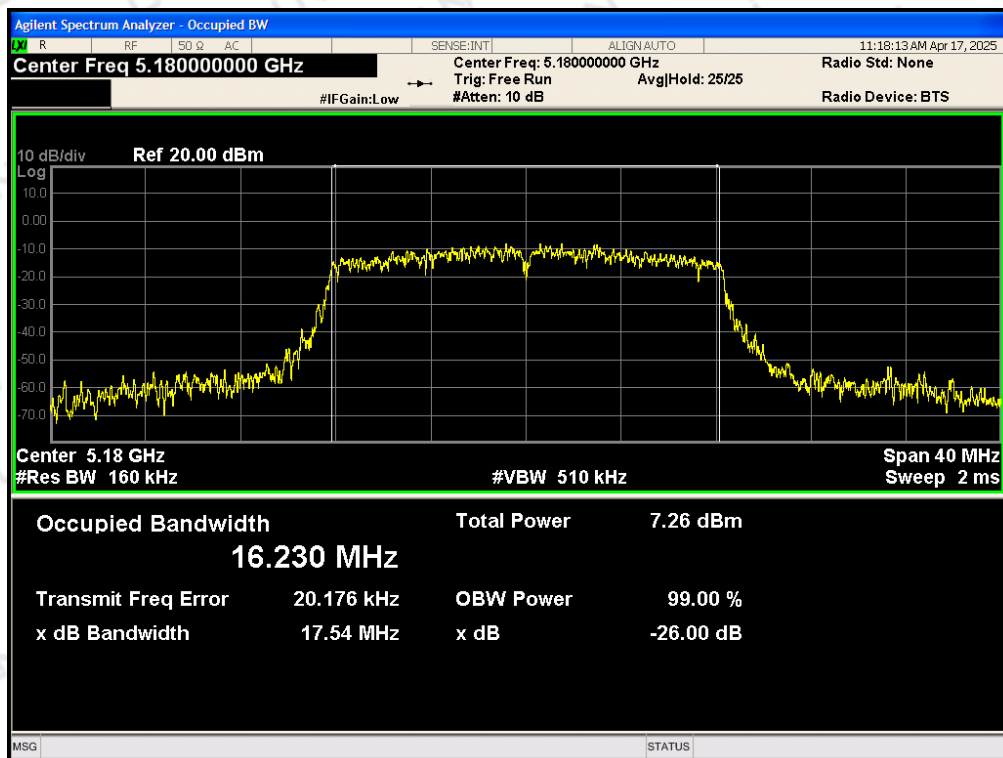


Occupied Channel Bandwidth

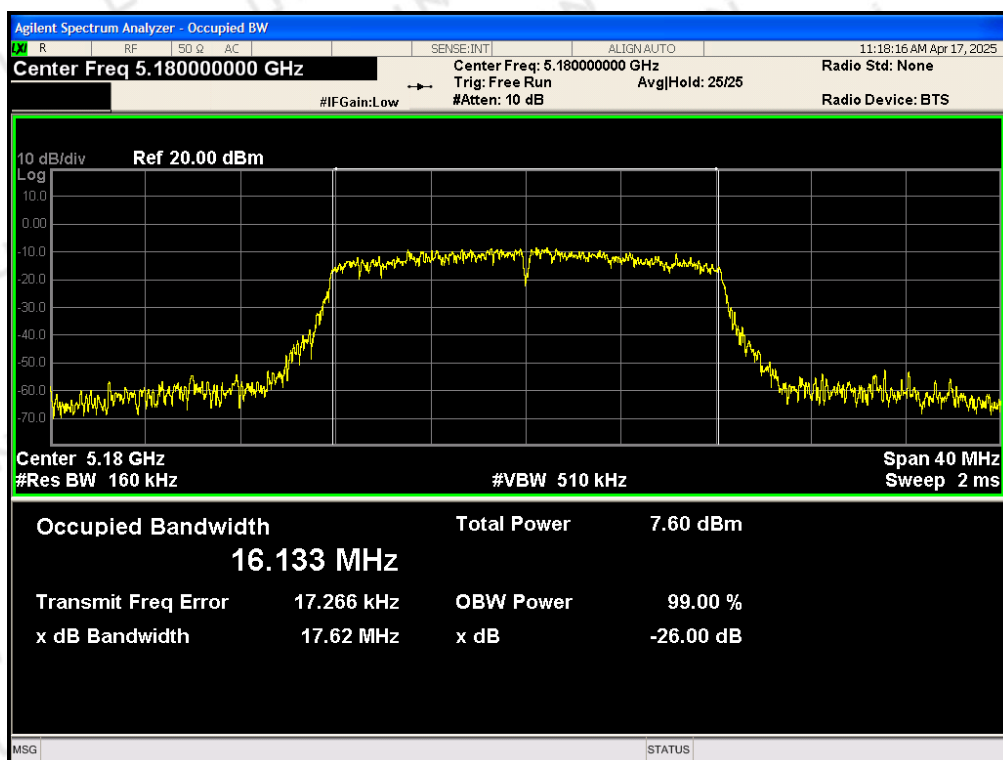
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Verdict
NVNT	802.11a	5180	Ant 1	16.230	Pass
NVNT	802.11a	5180	Ant 2	16.133	Pass
NVNT	802.11a	5200	Ant 1	16.251	Pass
NVNT	802.11a	5200	Ant 2	16.161	Pass
NVNT	802.11a	5240	Ant 1	16.286	Pass
NVNT	802.11a	5240	Ant 2	16.198	Pass
NVNT	802.11ac20	5180	Ant 1	17.304	Pass
NVNT	802.11ac20	5180	Ant 2	17.365	Pass
NVNT	802.11ac20	5200	Ant 1	17.291	Pass
NVNT	802.11ac20	5200	Ant 2	17.282	Pass
NVNT	802.11ac20	5240	Ant 1	17.355	Pass
NVNT	802.11ac20	5240	Ant 2	17.293	Pass
NVNT	802.11ac40	5190	Ant 1	35.668	Pass
NVNT	802.11ac40	5190	Ant 2	35.668	Pass
NVNT	802.11ac40	5230	Ant 1	35.600	Pass
NVNT	802.11ac40	5230	Ant 2	35.722	Pass
NVNT	802.11ac80	5210	Ant 1	75.232	Pass
NVNT	802.11ac80	5210	Ant 2	74.421	Pass
NVNT	802.11ax20	5180	Ant 1	18.609	Pass
NVNT	802.11ax20	5180	Ant 2	18.642	Pass
NVNT	802.11ax20	5200	Ant 1	18.630	Pass
NVNT	802.11ax20	5200	Ant 2	18.650	Pass
NVNT	802.11ax20	5240	Ant 1	18.650	Pass
NVNT	802.11ax20	5240	Ant 2	18.376	Pass
NVNT	802.11ax40	5190	Ant 1	37.118	Pass
NVNT	802.11ax40	5190	Ant 2	37.122	Pass
NVNT	802.11ax40	5230	Ant 1	37.117	Pass
NVNT	802.11ax40	5230	Ant 2	37.089	Pass
NVNT	802.11ax80	5210	Ant 1	76.761	Pass
NVNT	802.11ax80	5210	Ant 2	75.719	Pass
NVNT	802.11n(HT20)	5180	Ant 1	17.244	Pass
NVNT	802.11n(HT20)	5180	Ant 2	17.334	Pass
NVNT	802.11n(HT20)	5200	Ant 1	17.273	Pass
NVNT	802.11n(HT20)	5200	Ant 2	17.274	Pass
NVNT	802.11n(HT20)	5240	Ant 1	17.381	Pass

NVNT	802.11n(HT20)	5240	Ant 2	17.334	Pass
NVNT	802.11n(HT40)	5190	Ant 1	35.427	Pass
NVNT	802.11n(HT40)	5190	Ant 2	35.438	Pass
NVNT	802.11n(HT40)	5230	Ant 1	35.483	Pass
NVNT	802.11n(HT40)	5230	Ant 2	35.733	Pass

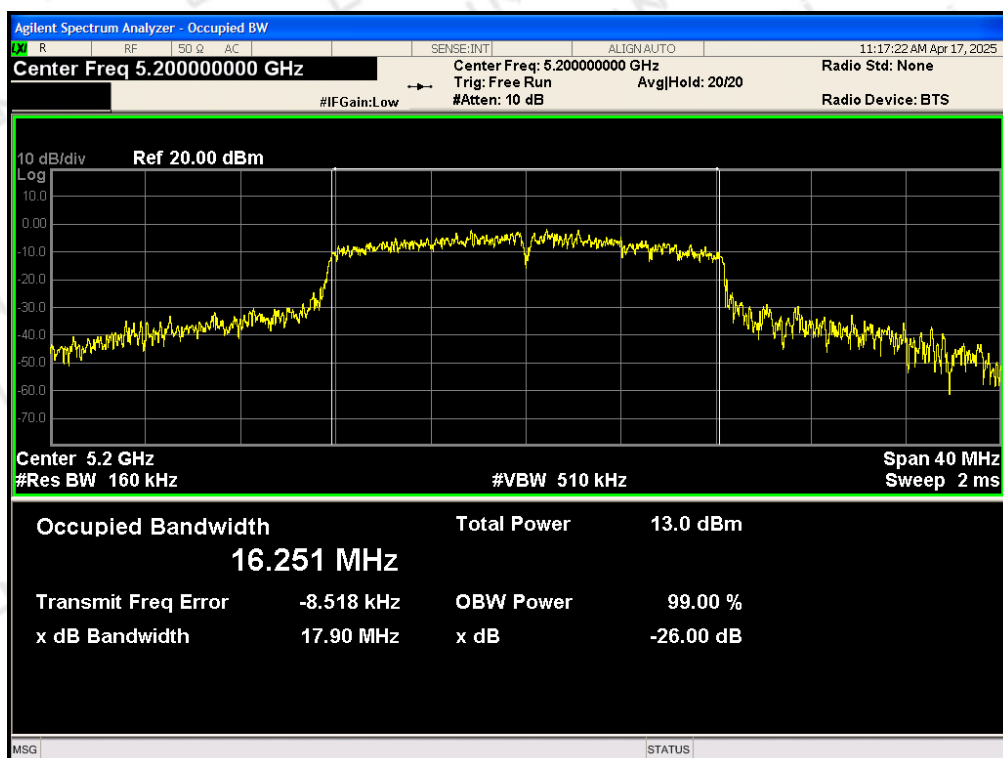
OBW NVNT 802.11a 5180MHz Ant1



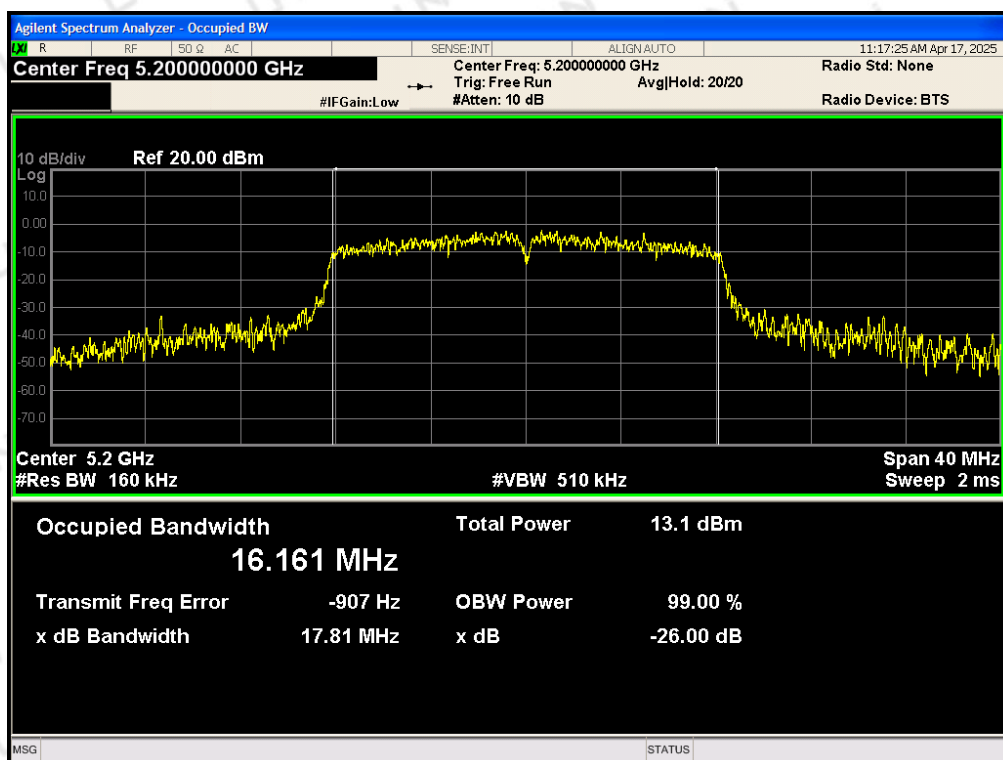
OBW NVNT 802.11a 5180MHz Ant2



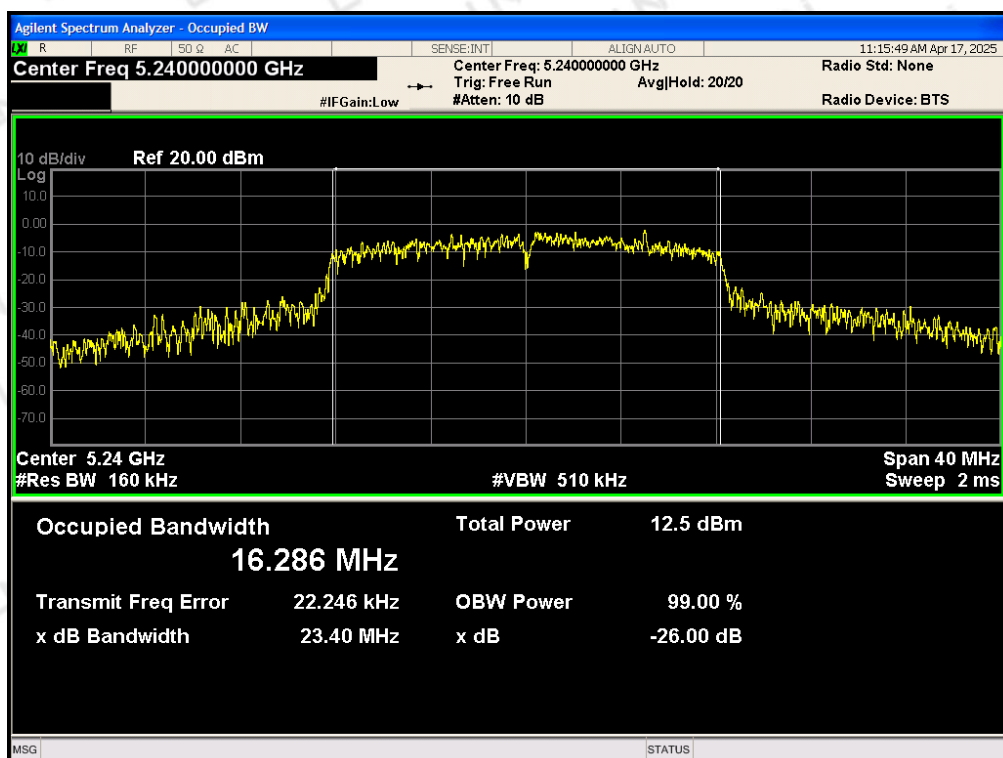
OBW NVNT 802.11a 5200MHz Ant1



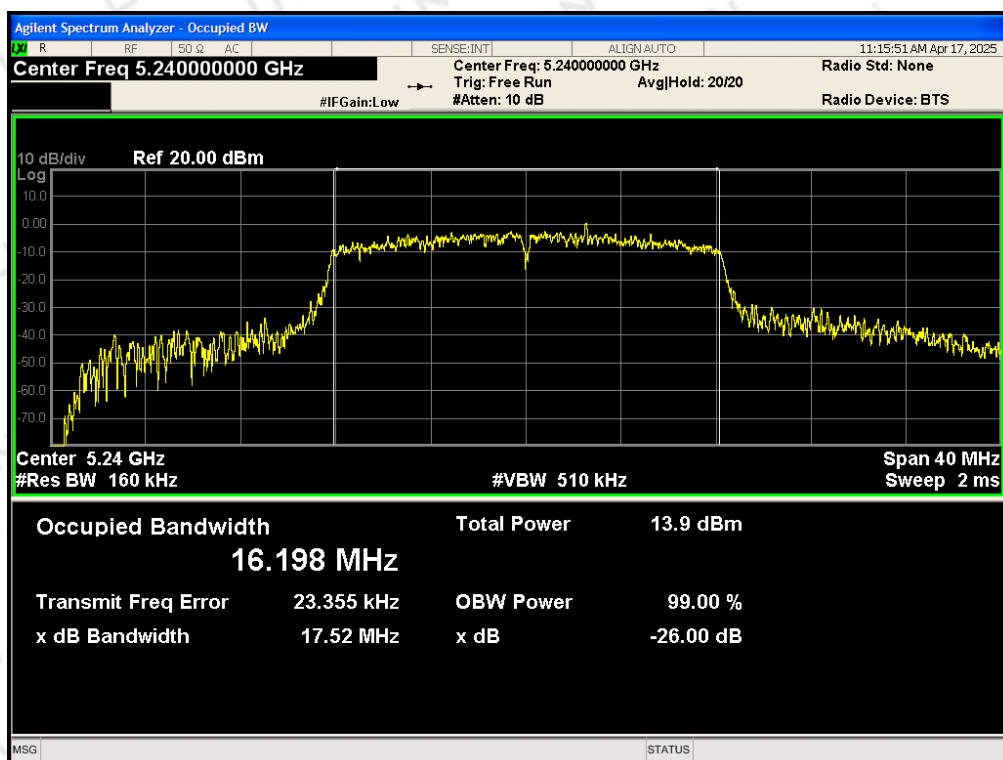
OBW NVNT 802.11a 5200MHz Ant2



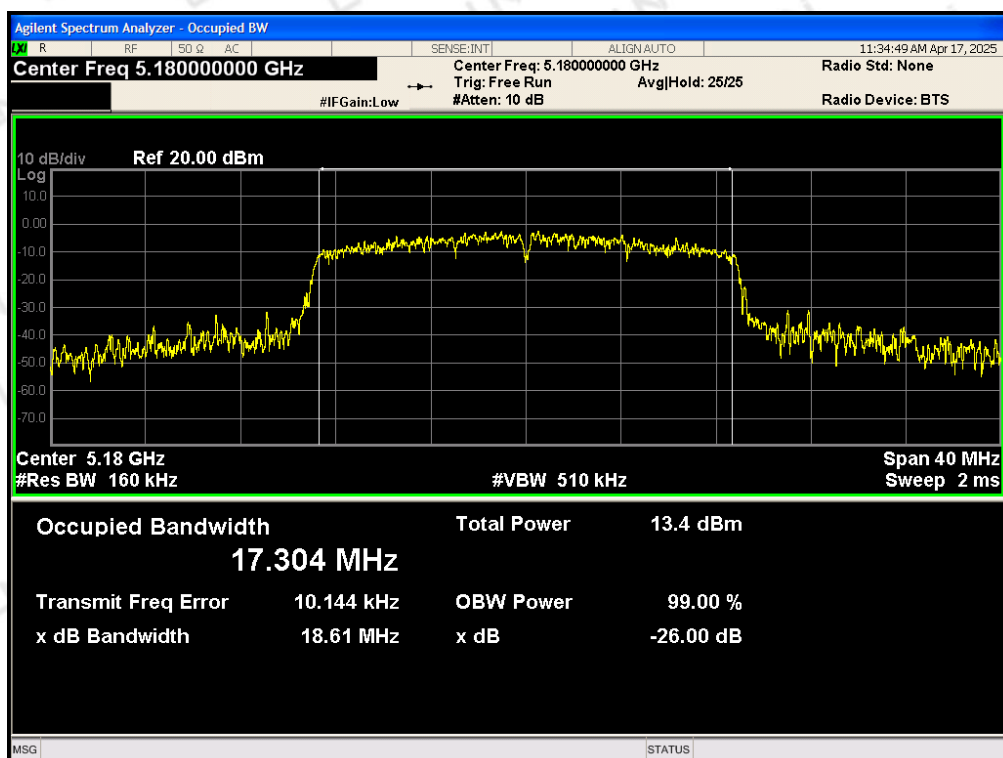
OBW NVNT 802.11a 5240MHz Ant1



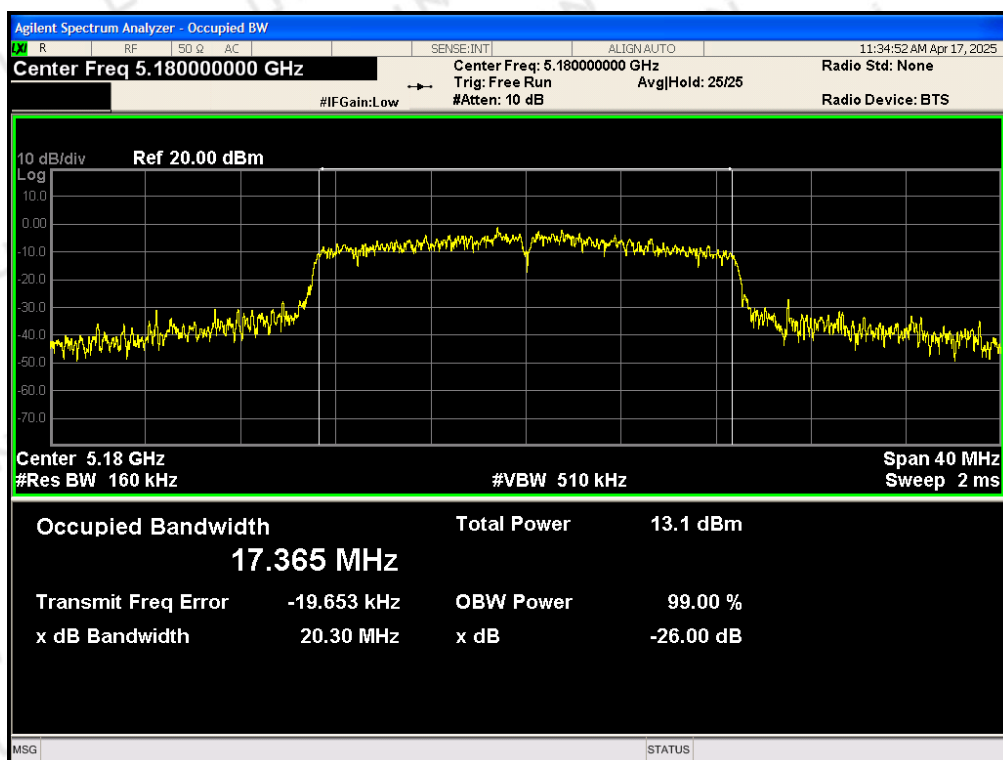
OBW NVNT 802.11a 5240MHz Ant2



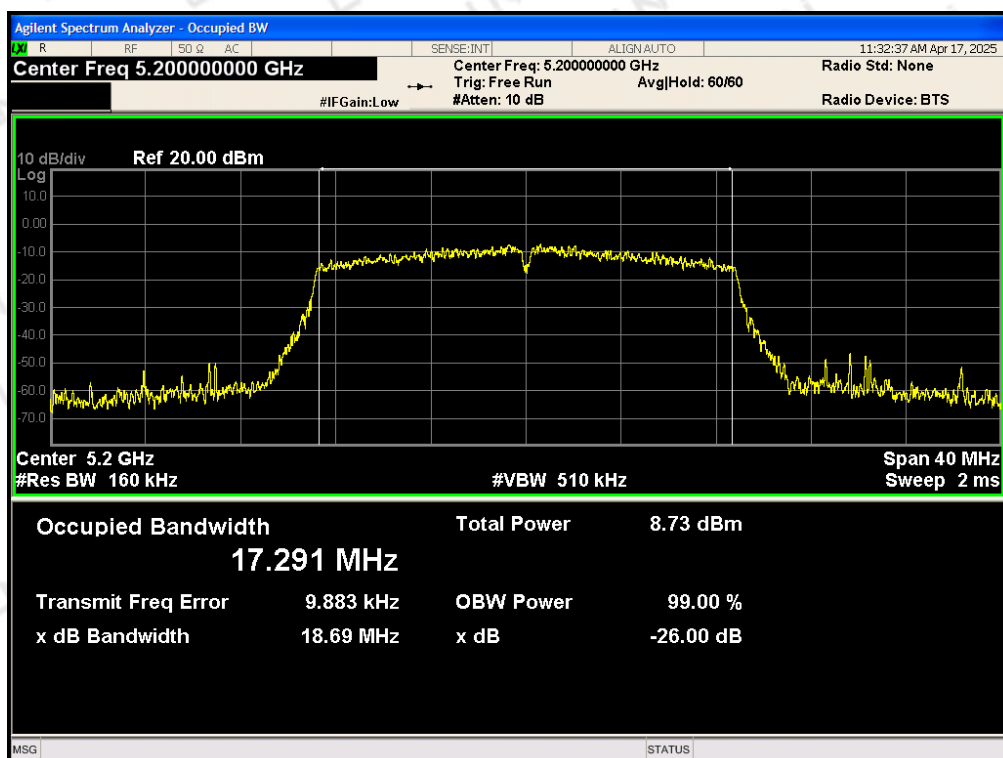
OBW NVNT 802.11ac20 5180MHz Ant1



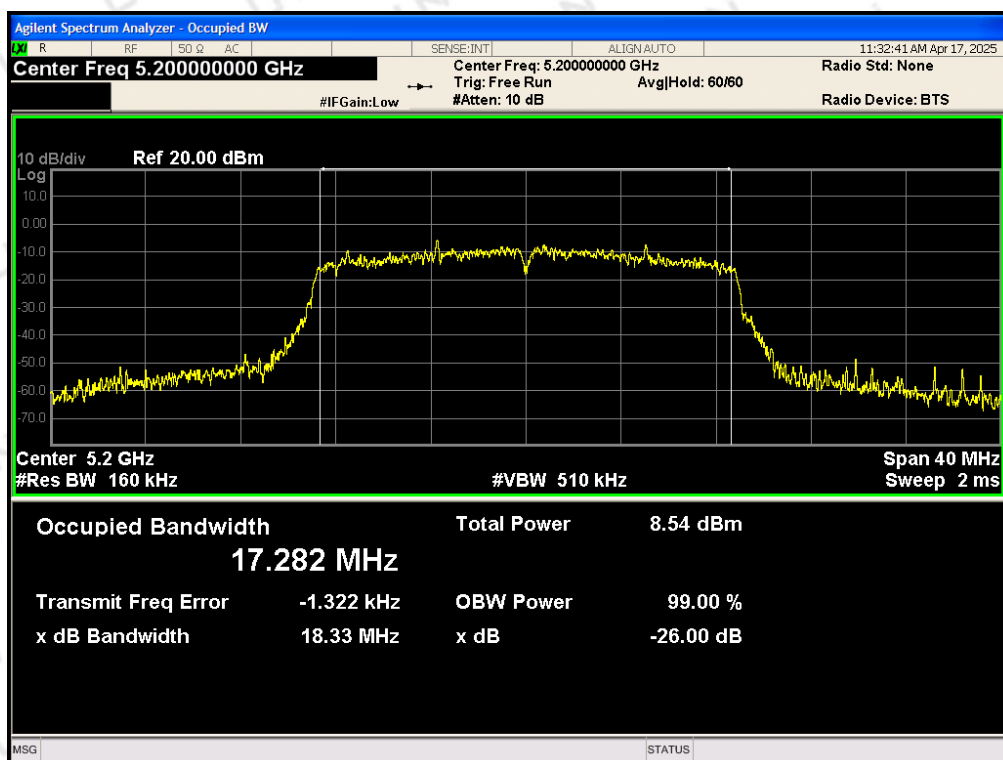
OBW NVNT 802.11ac20 5180MHz Ant2



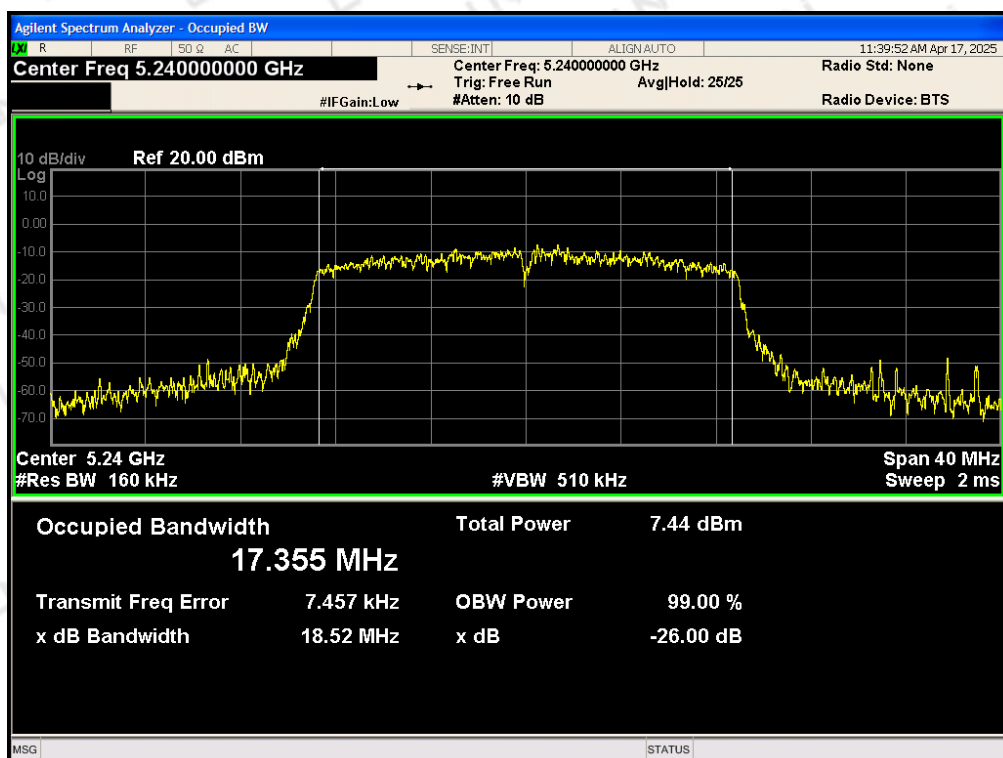
OBW NVNT 802.11ac20 5200MHz Ant1



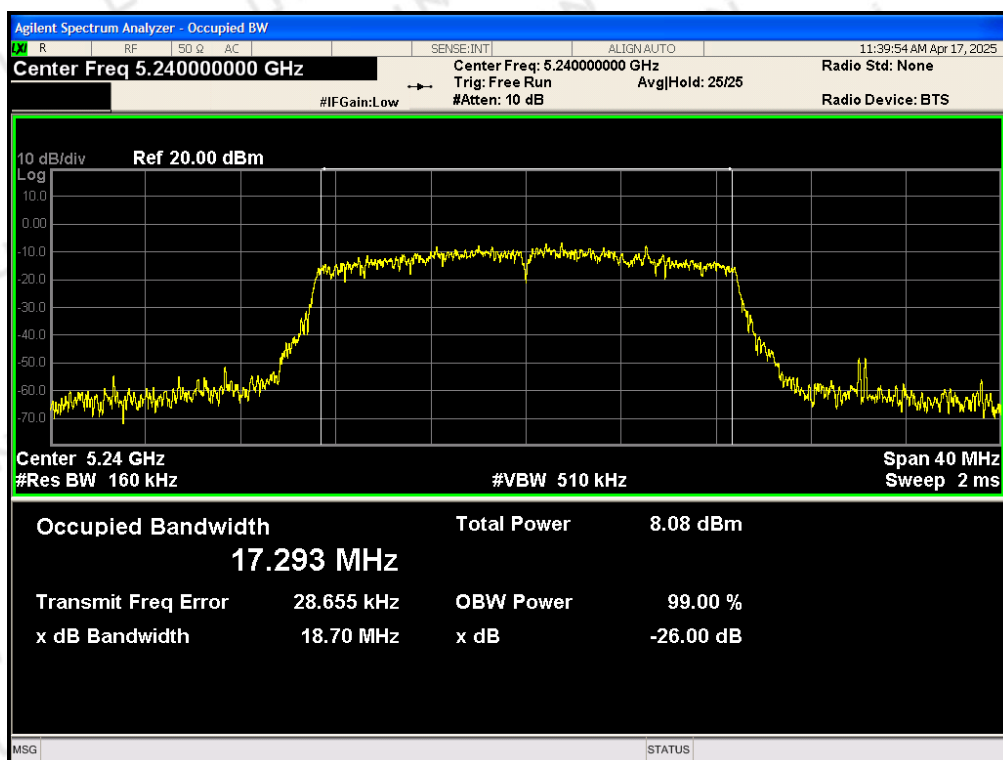
OBW NVNT 802.11ac20 5200MHz Ant2



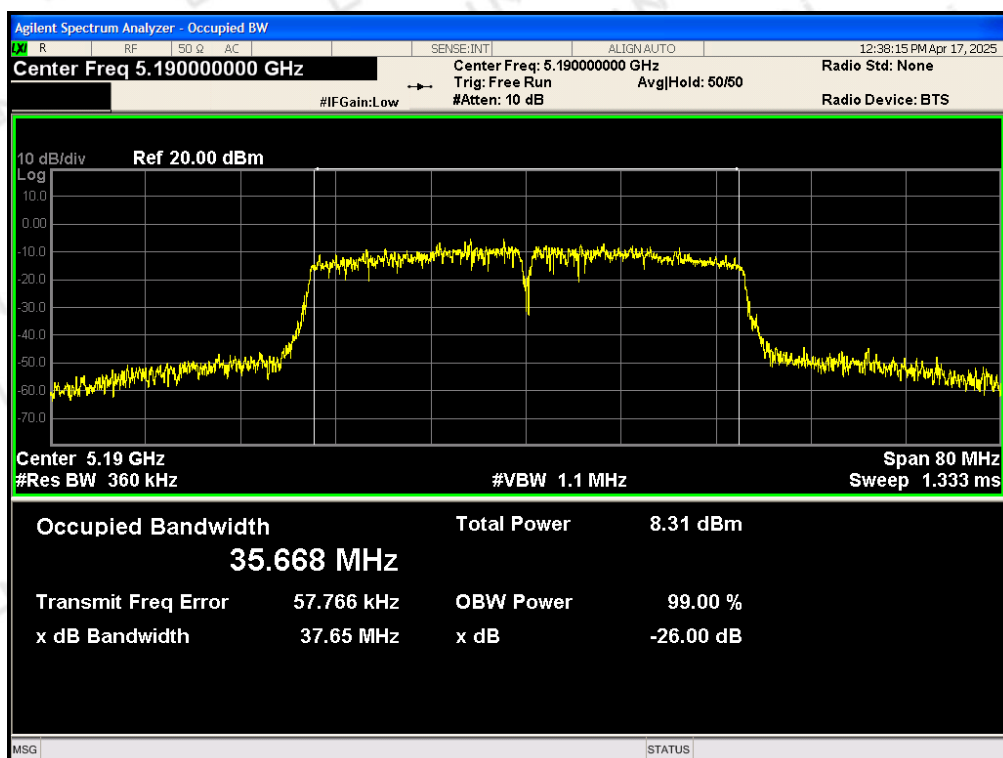
OBW NVNT 802.11ac20 5240MHz Ant1



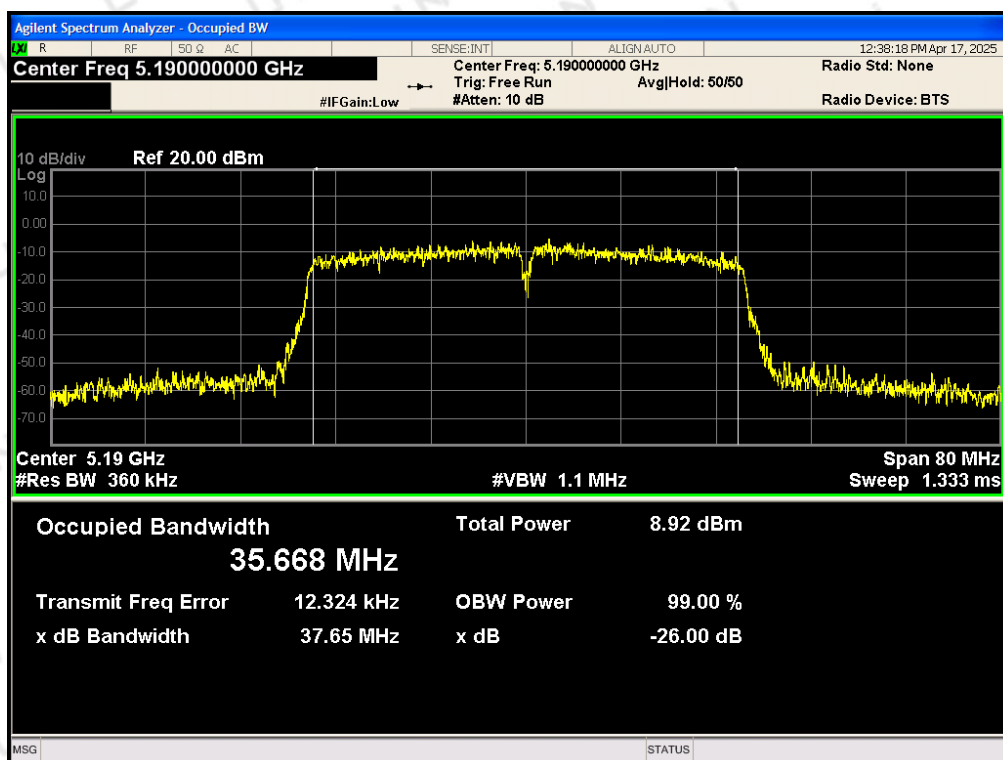
OBW NVNT 802.11ac20 5240MHz Ant2



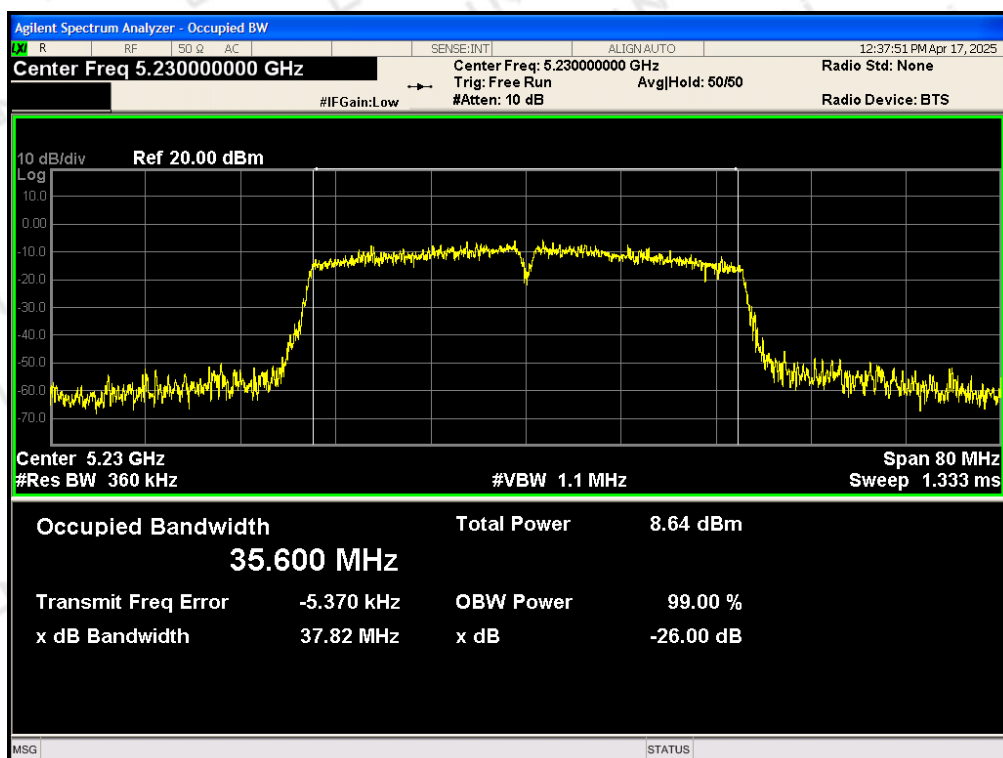
OBW NVNT 802.11ac40 5190MHz Ant1



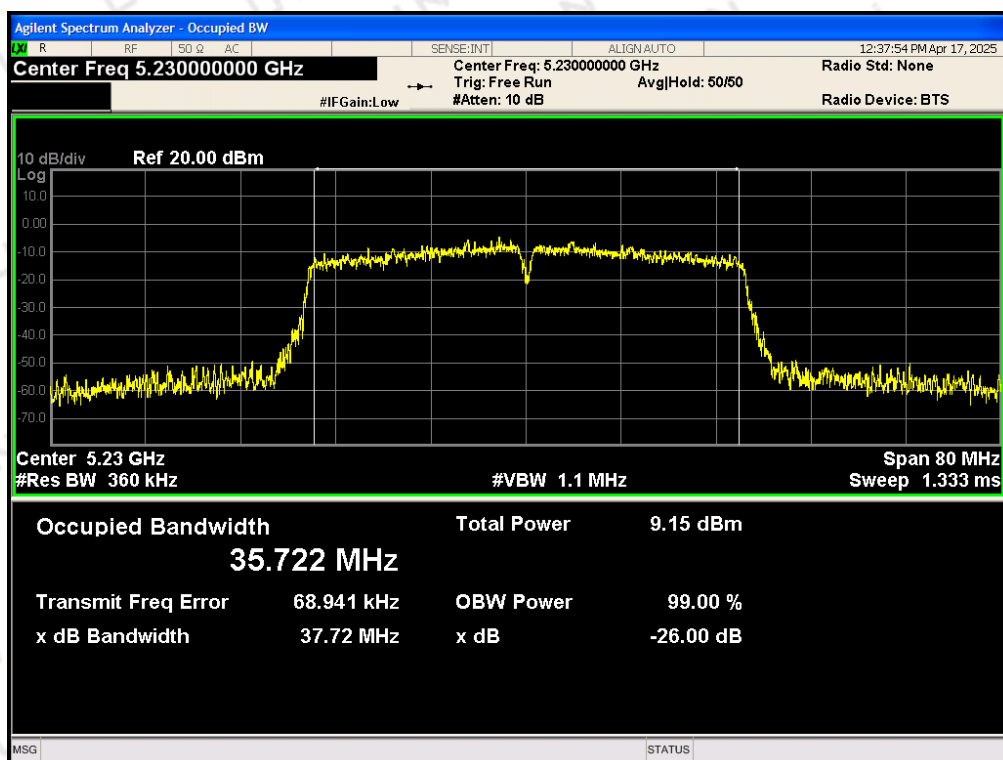
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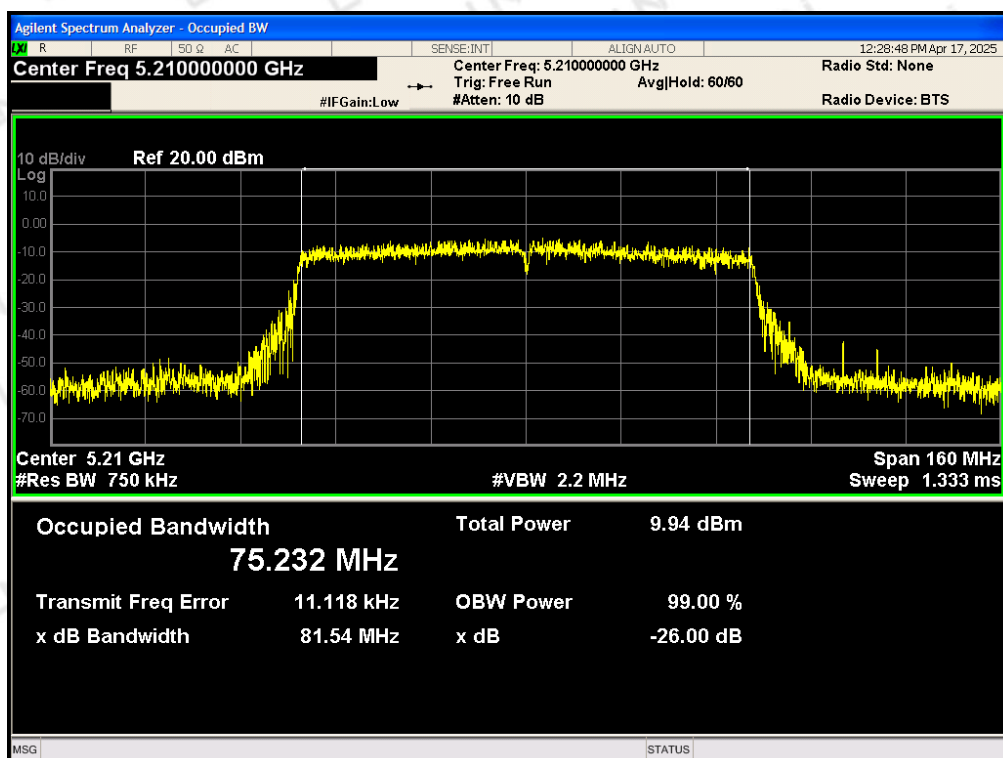
OBW NVNT 802.11ac40 5230MHz Ant1



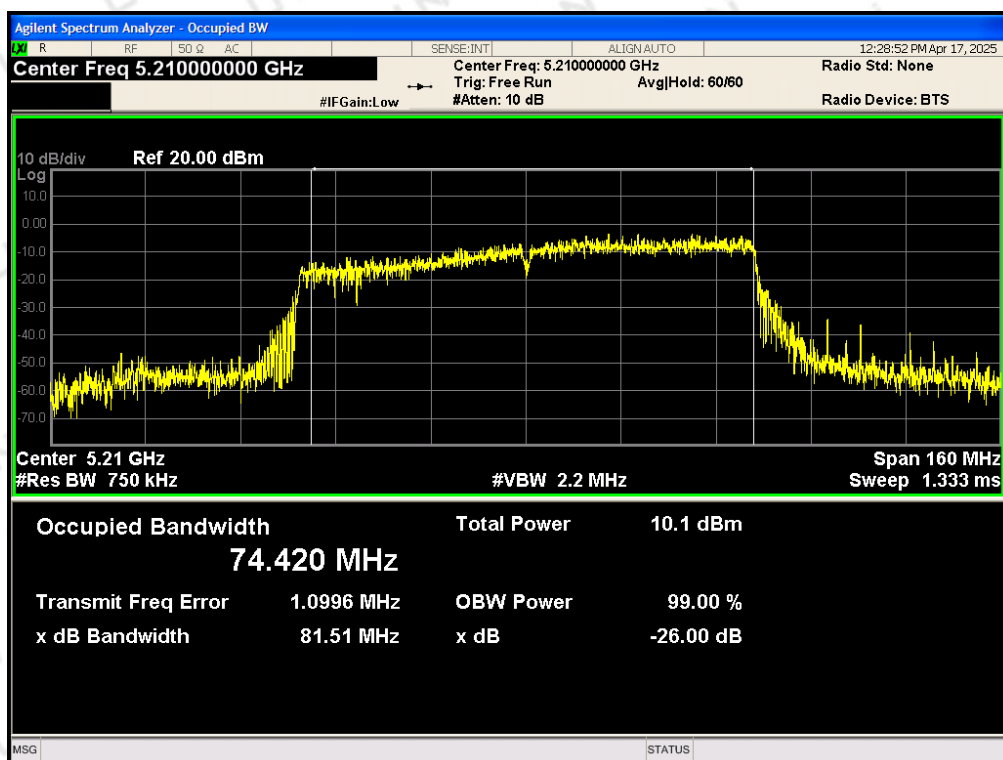
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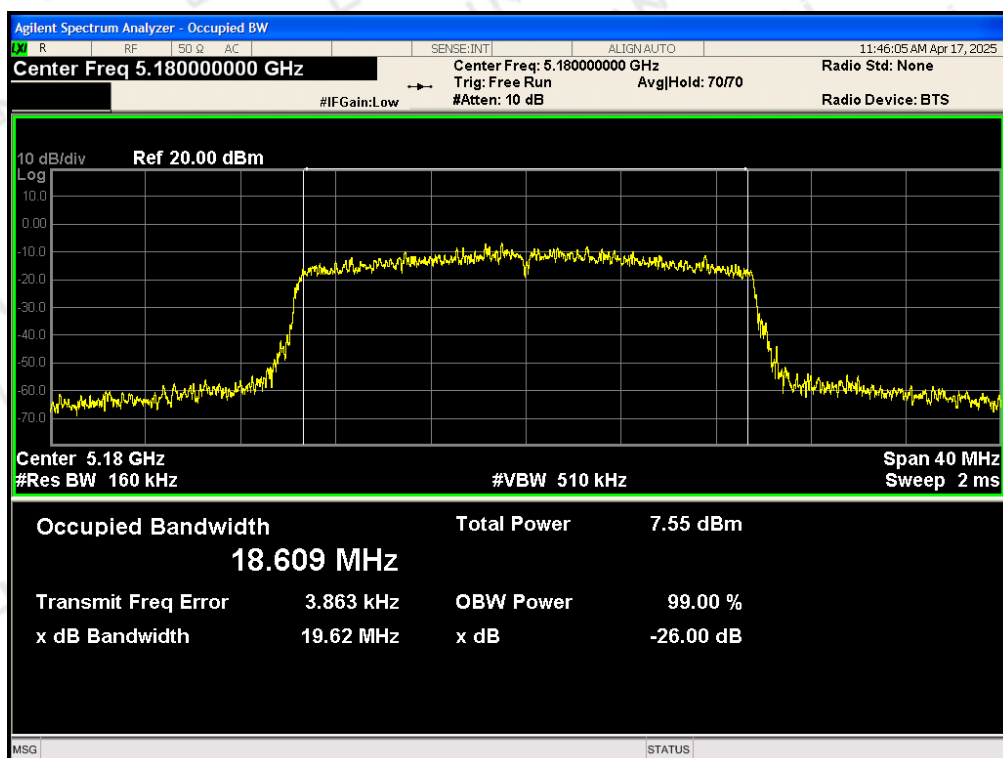
OBW NVNT 802.11ac80 5210MHz Ant1



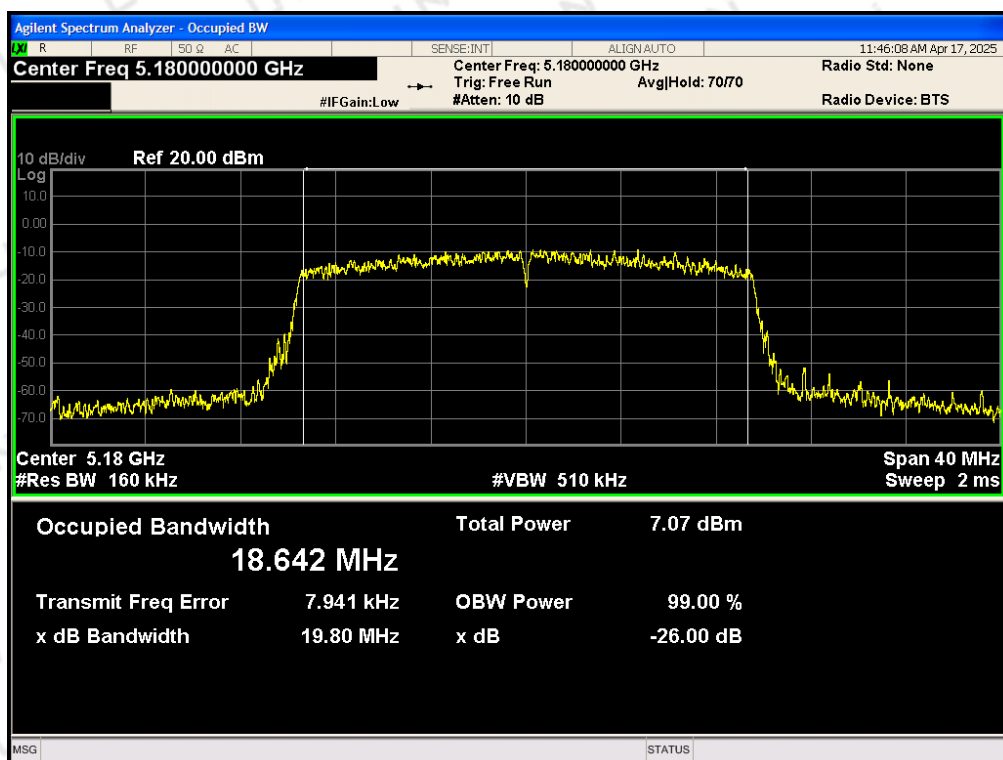
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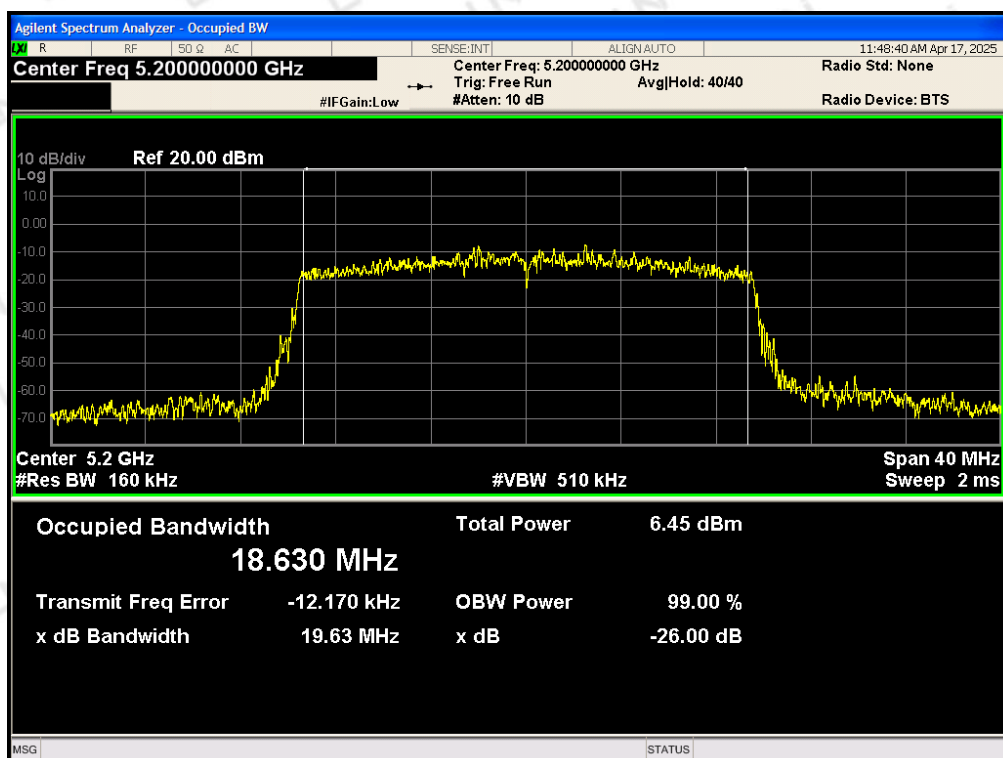
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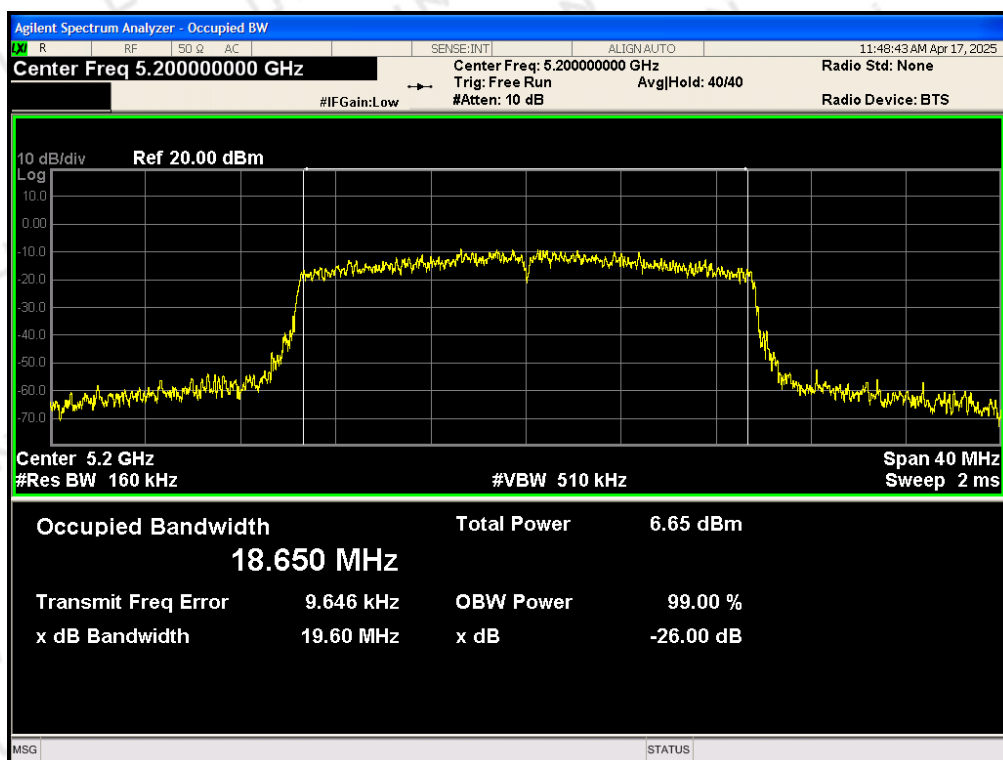
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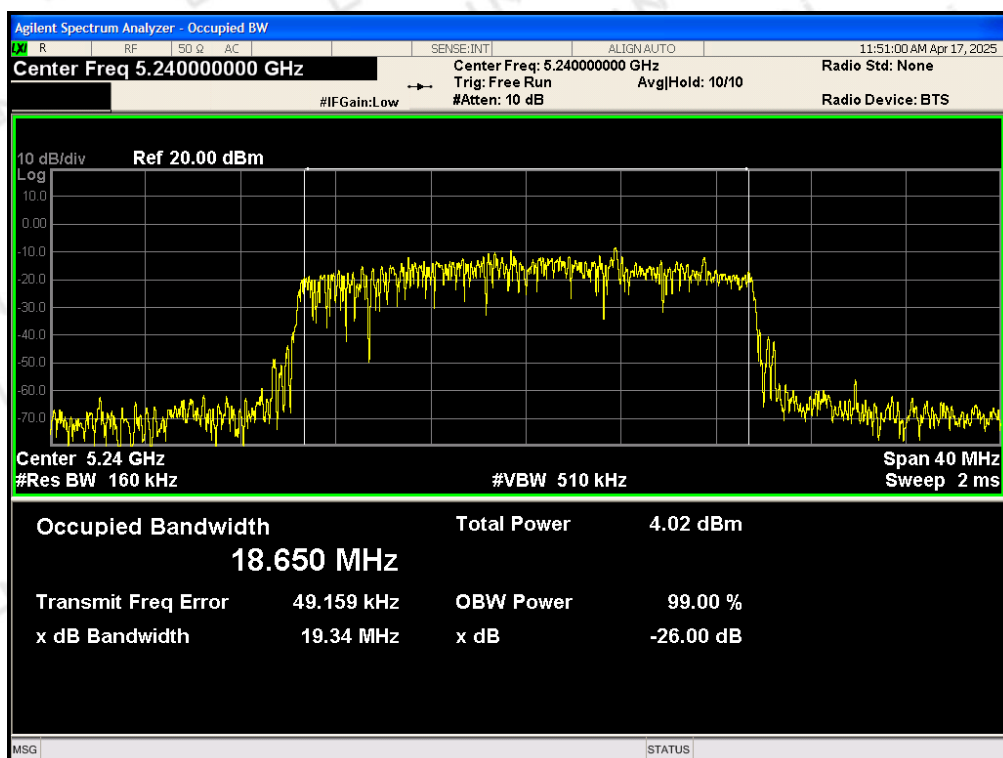
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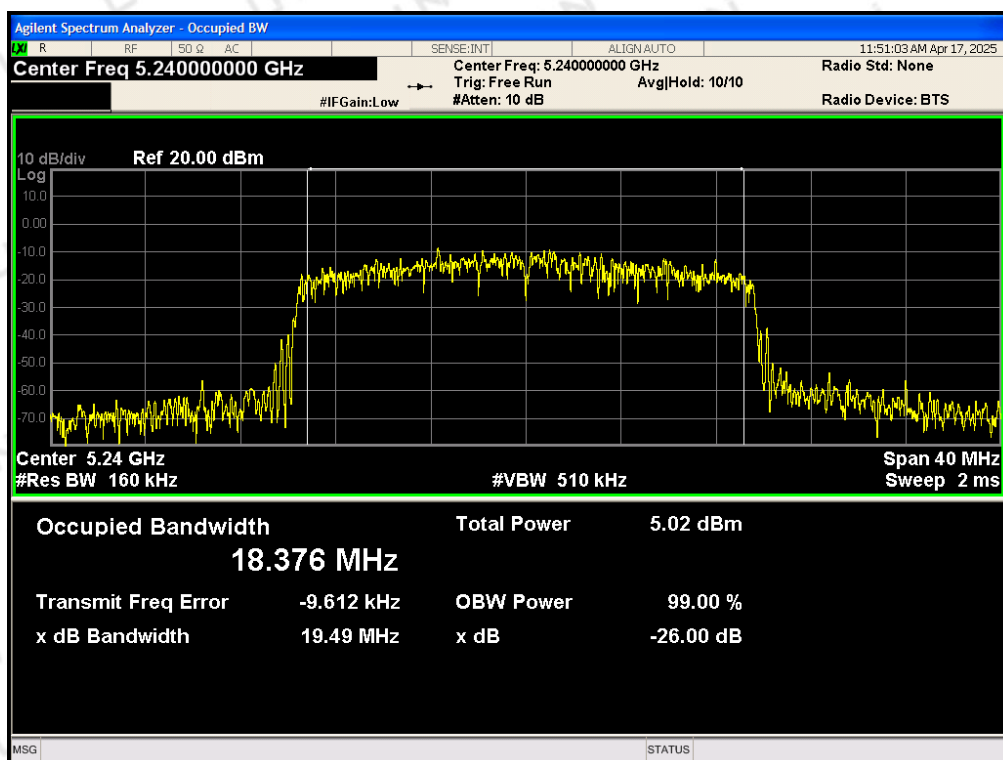
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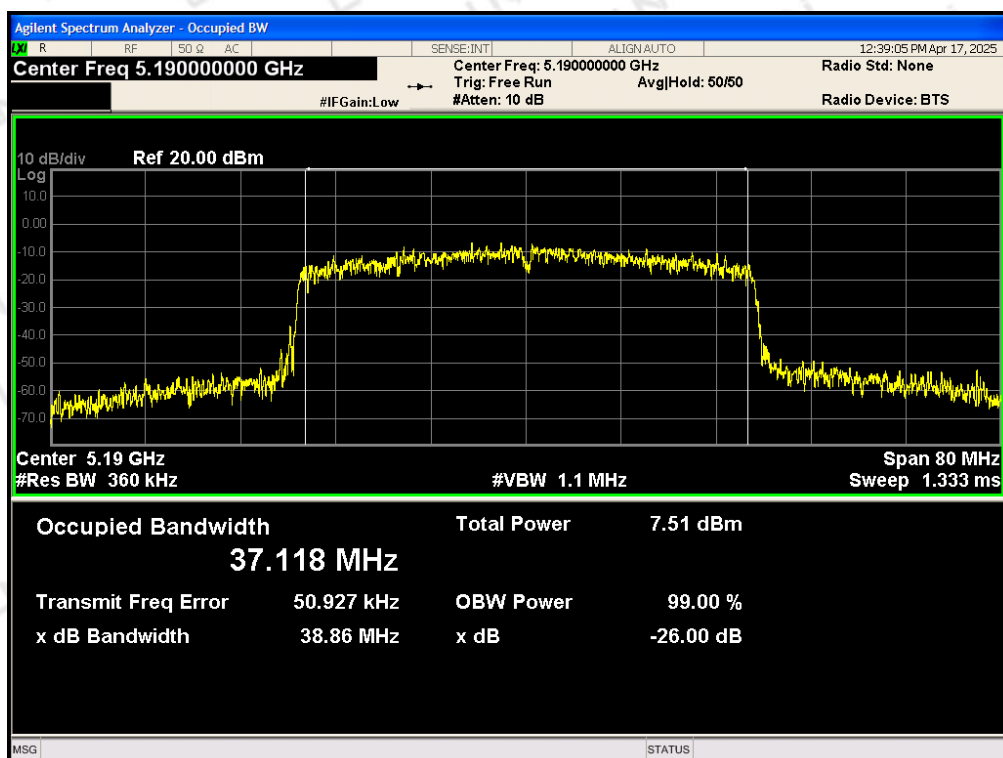
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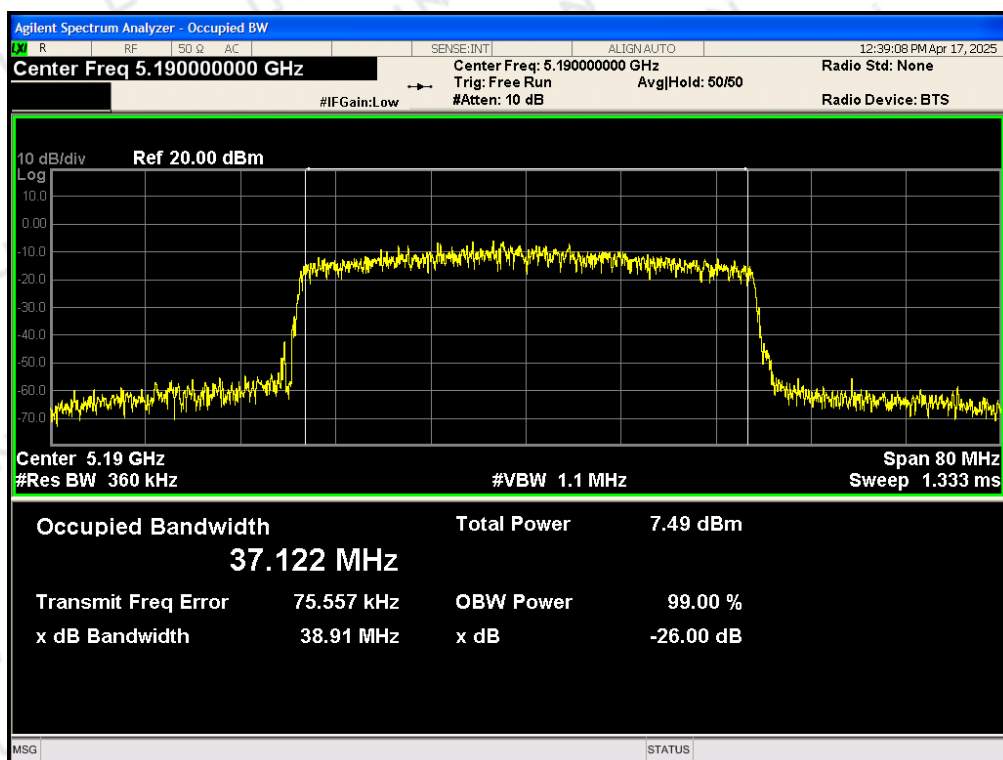
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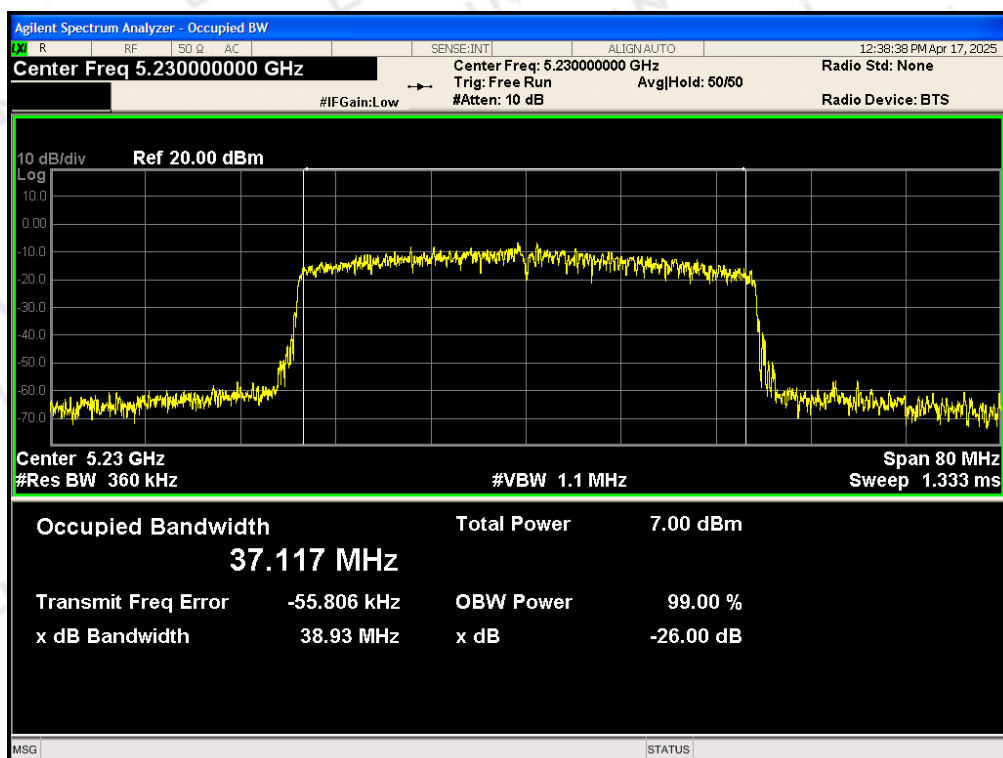
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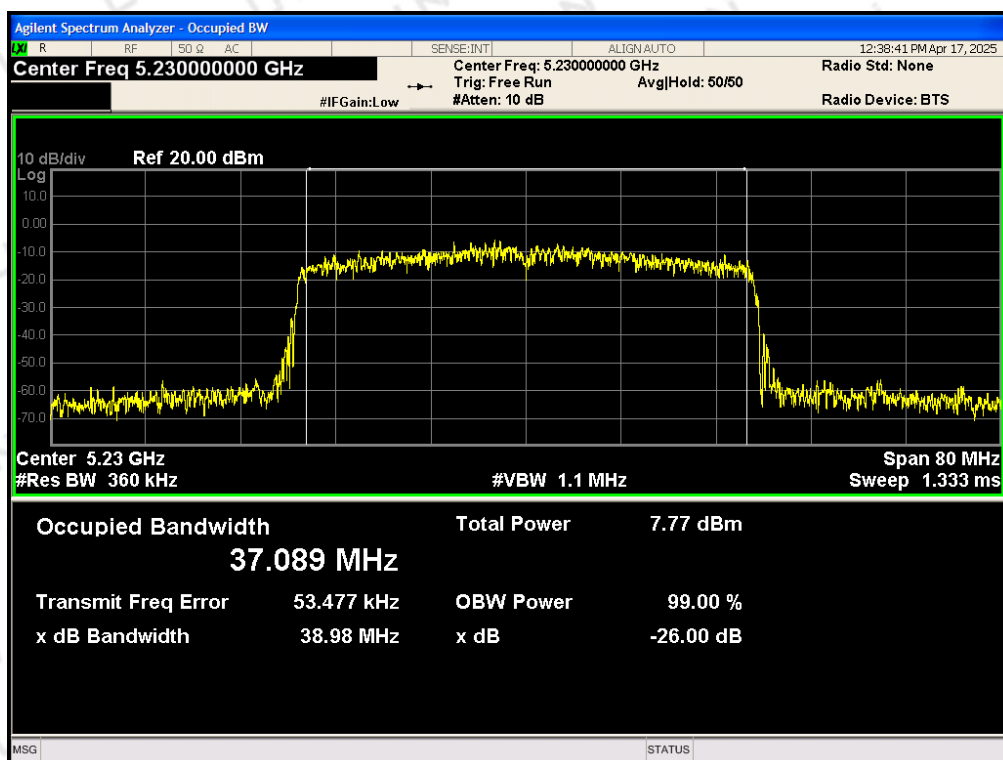
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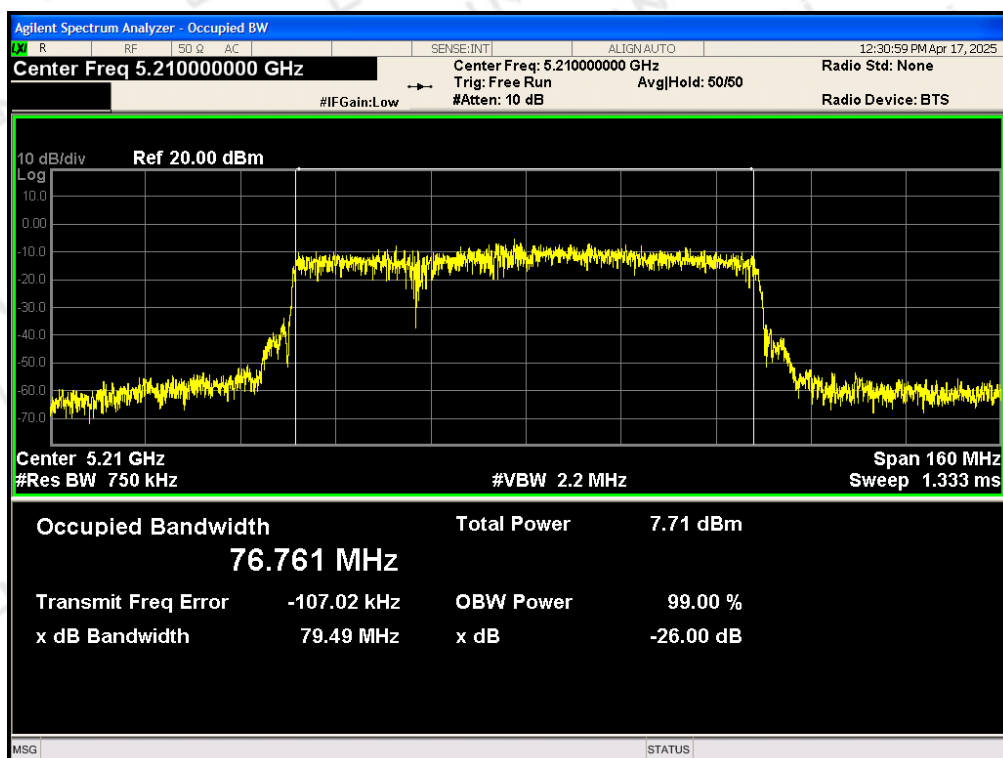
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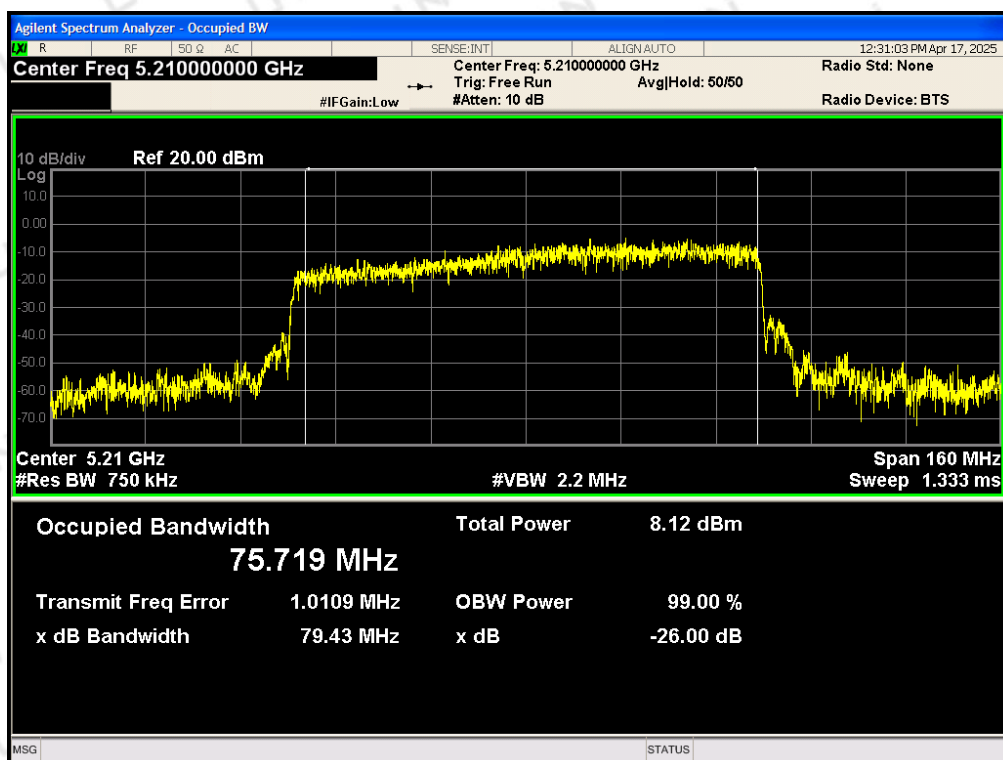
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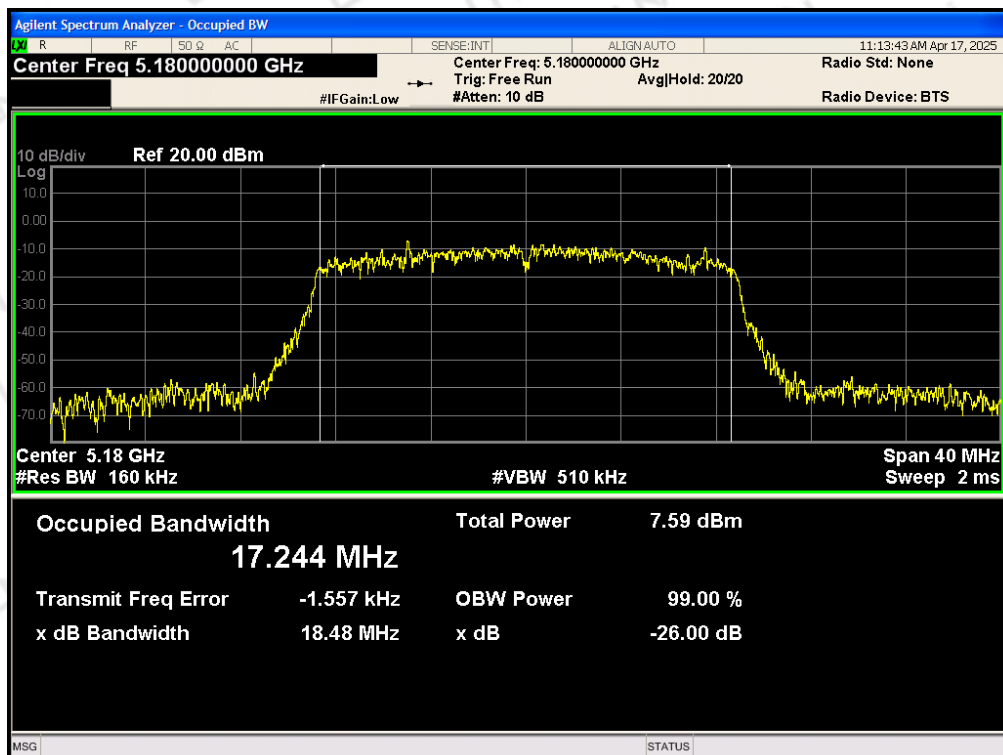
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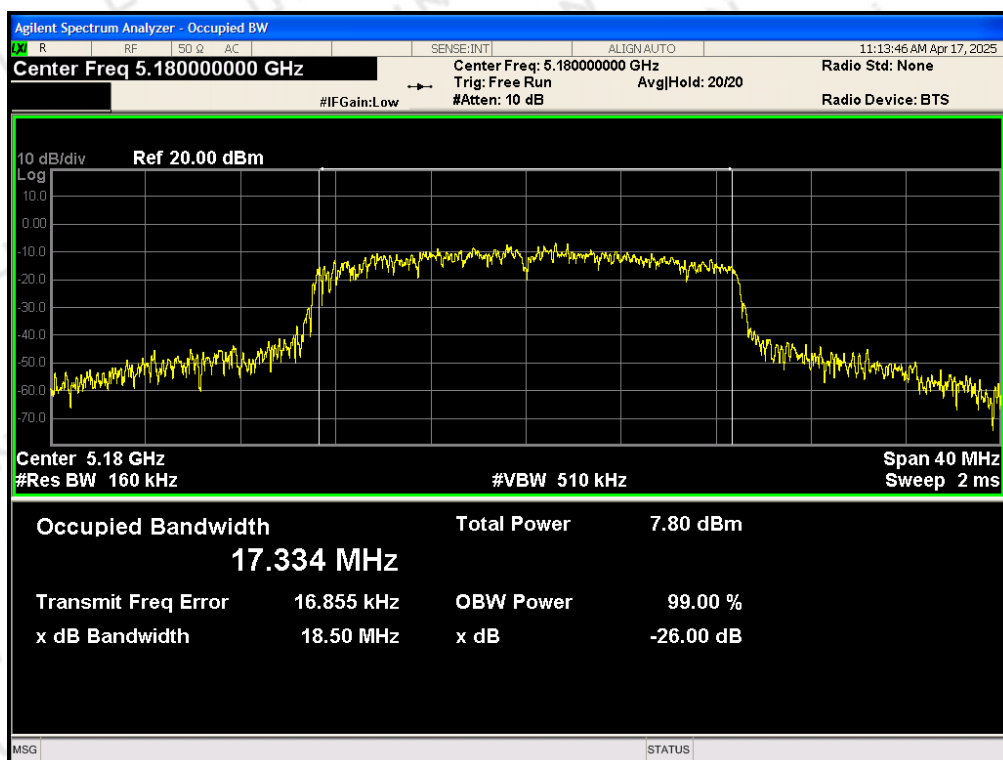
OBW NVNT 802.11ax80 5210MHz Ant2



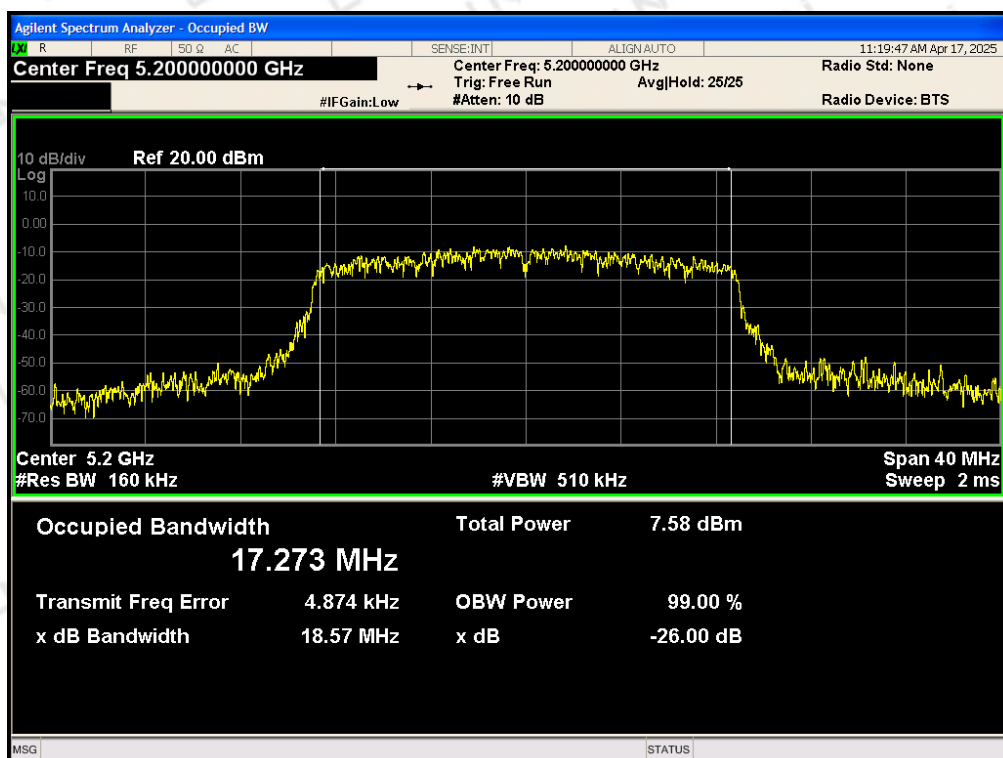
OBW NVNT 802.11n(HT20) 5180MHz Ant1



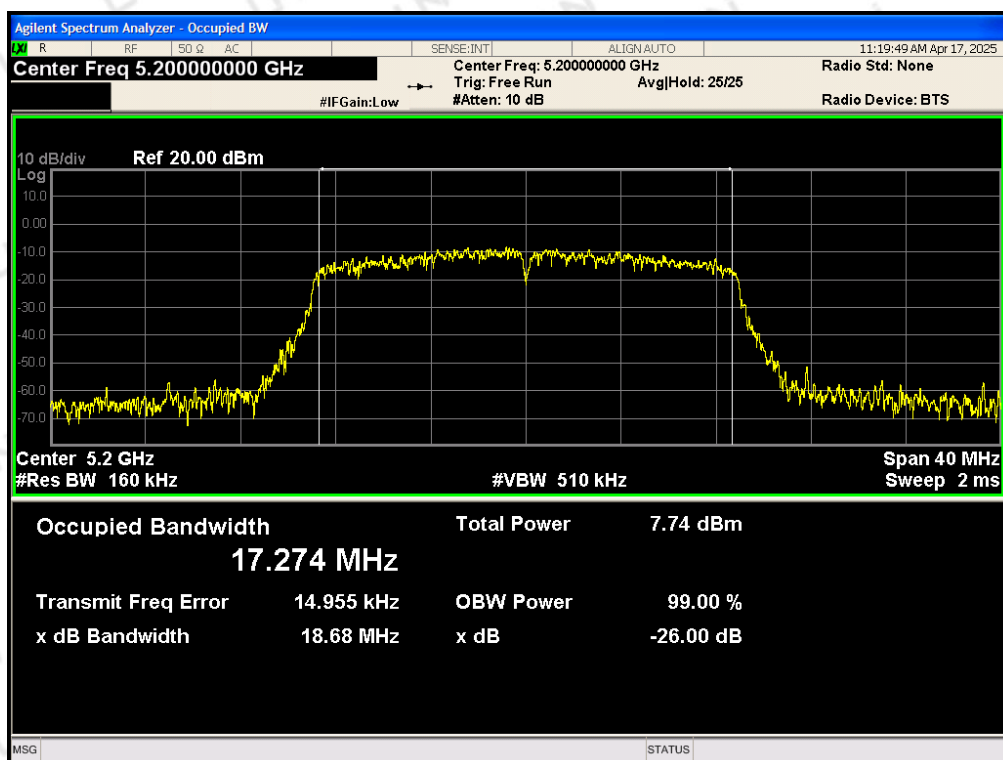
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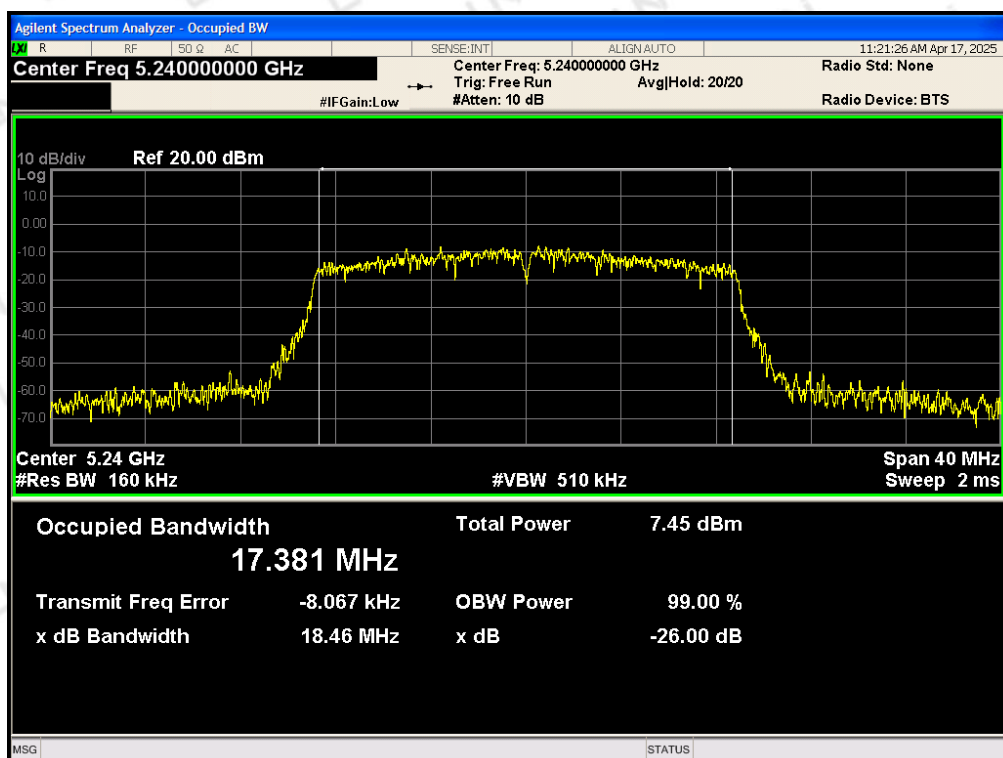
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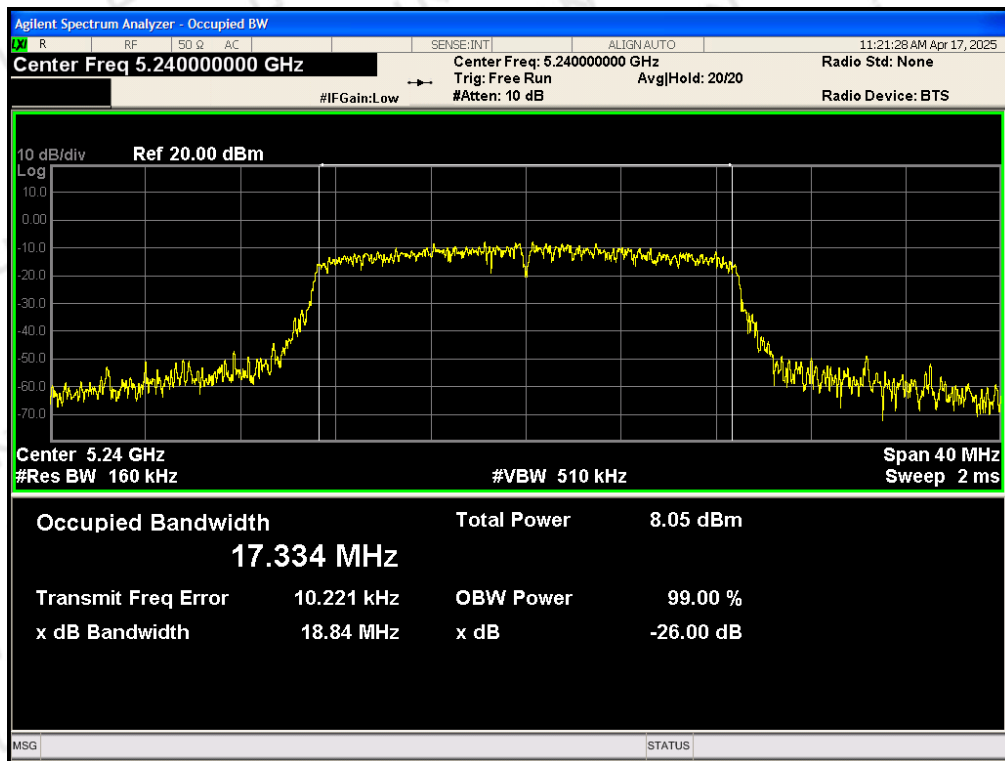
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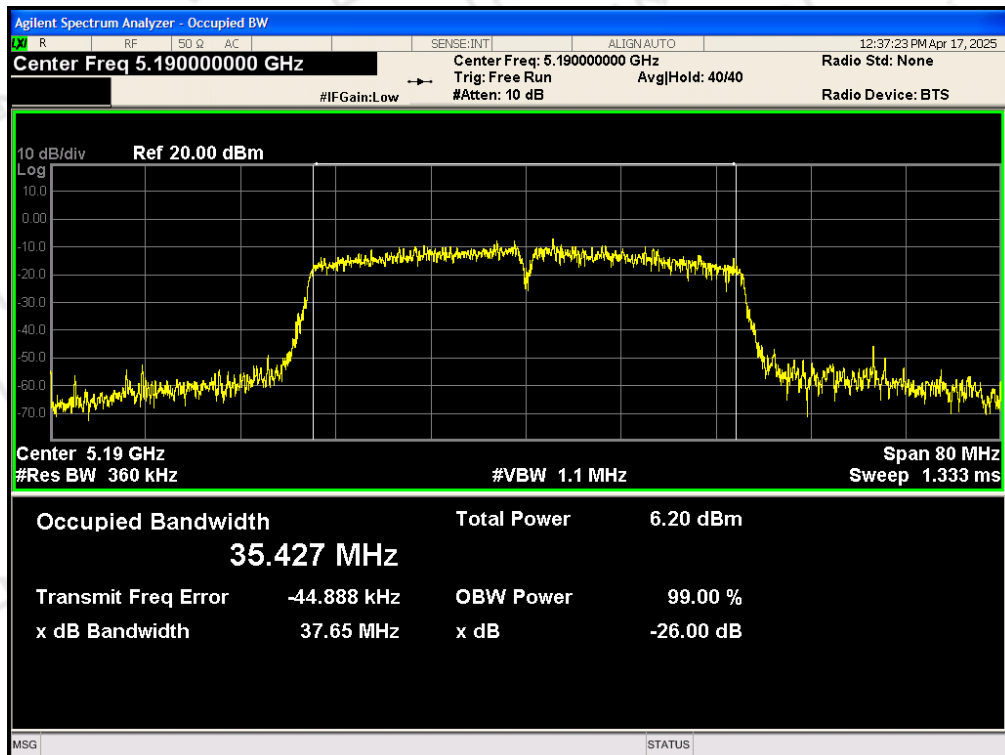
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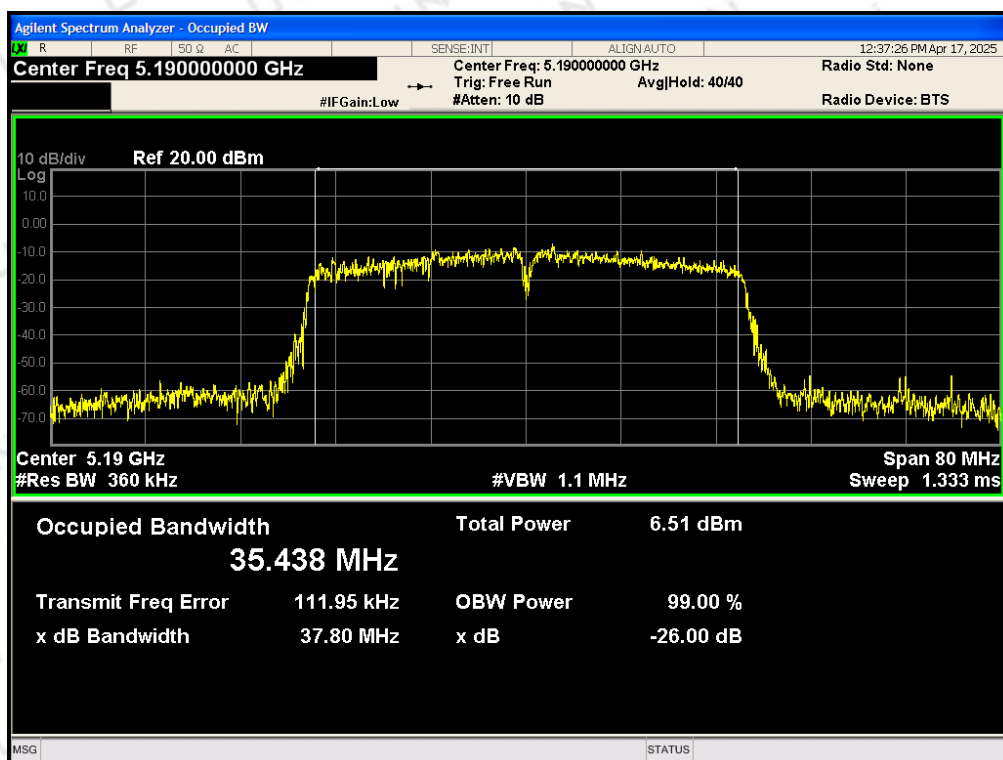
OBW NVNT 802.11n(HT20) 5240MHz Ant2



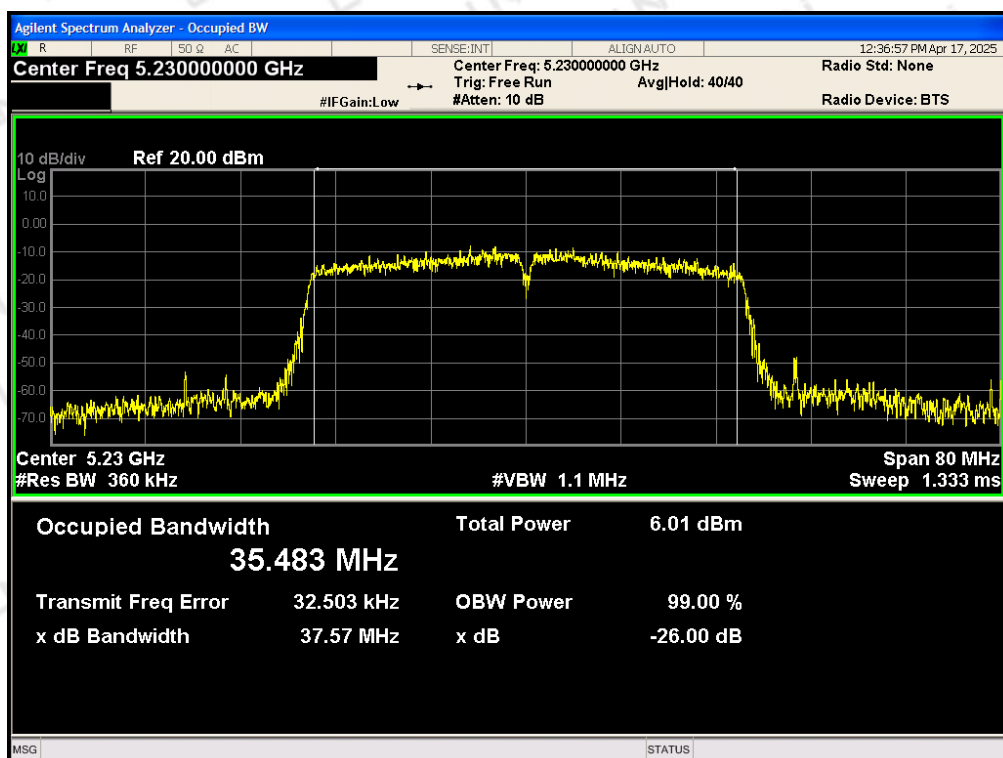
OBW NVNT 802.11n(HT40) 5190MHz Ant1



OBW NVNT 802.11n(HT40) 5190MHz Ant2



OBW NVNT 802.11n(HT40) 5230MHz Ant1



OBW NVNT 802.11n(HT40) 5230MHz Ant2

