



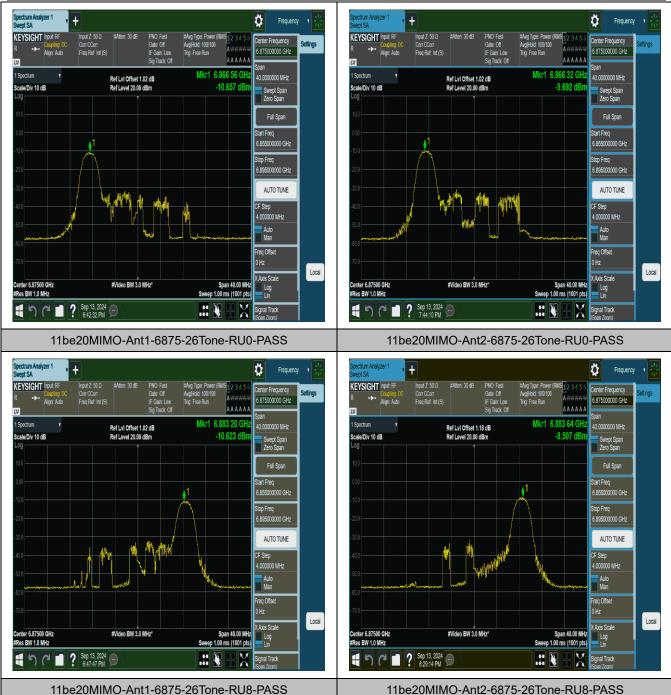




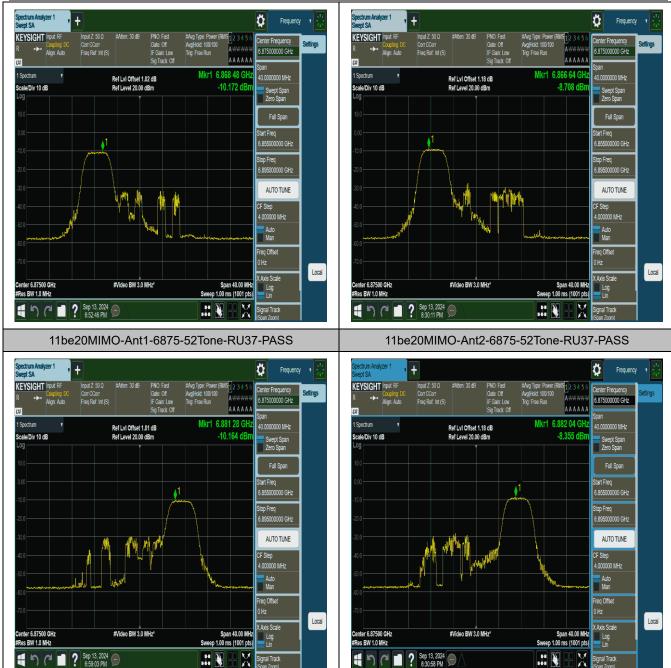
11be20MIMO-Ant2-6855-106Tone-RU53-PASS







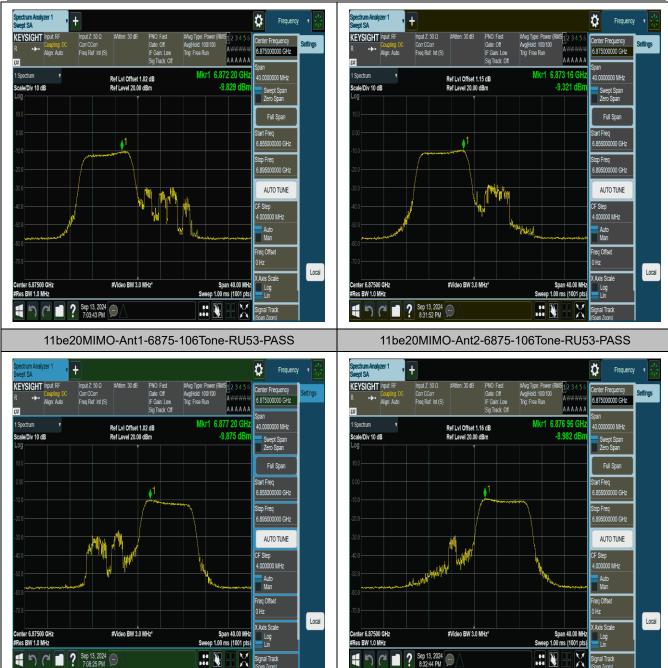




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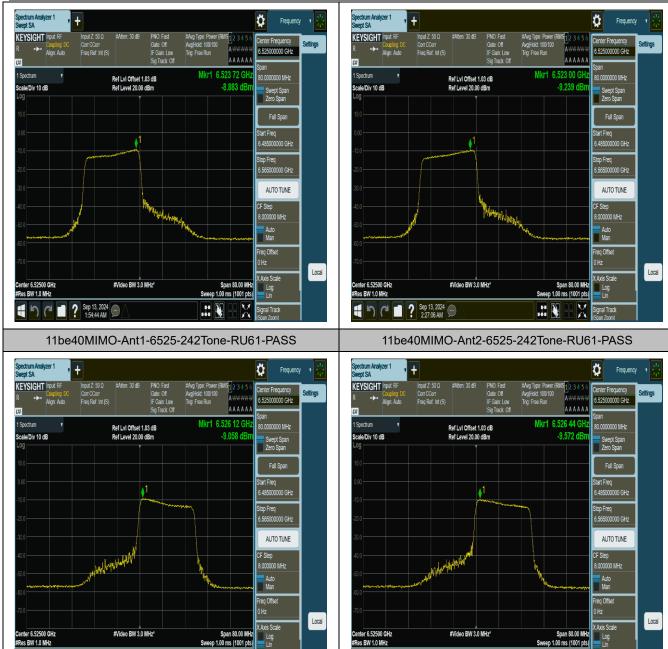




11be20MIMO-Ant1-6875-106Tone-RU54-PASS

11be20MIMO-Ant2-6875-106Tone-RU54-PASS





Sep 13, 2024 (C) 2:30:31 AM

Log Lin

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11be40MIMO-Ant1-6525-242Tone-RU62-PASS

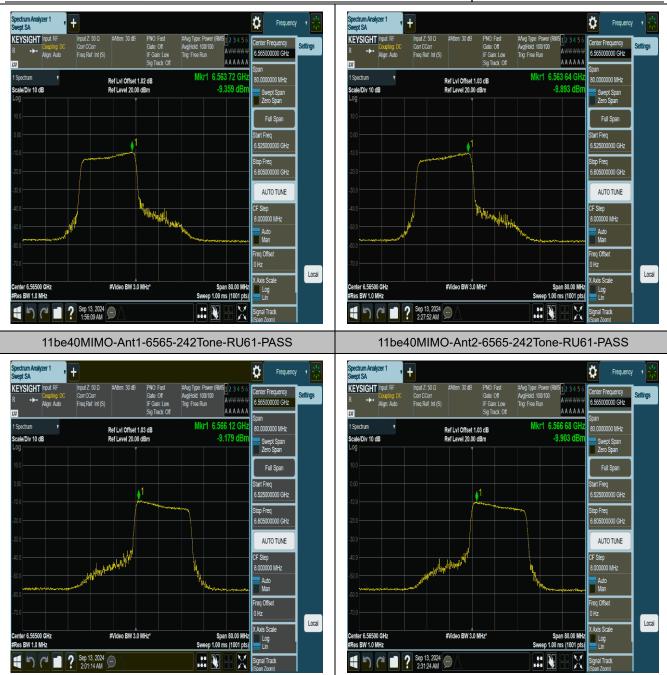
Log Lin

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11be40MIMO-Ant2-6525-242Tone-RU62-PASS

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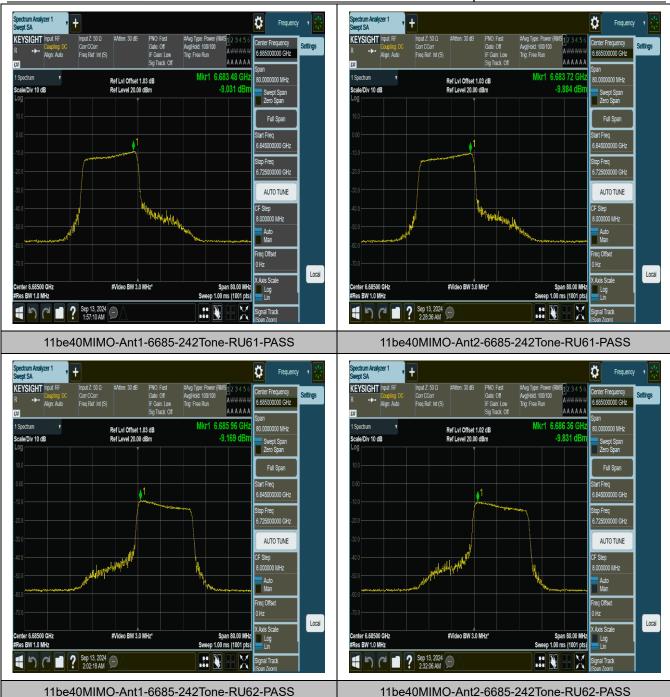




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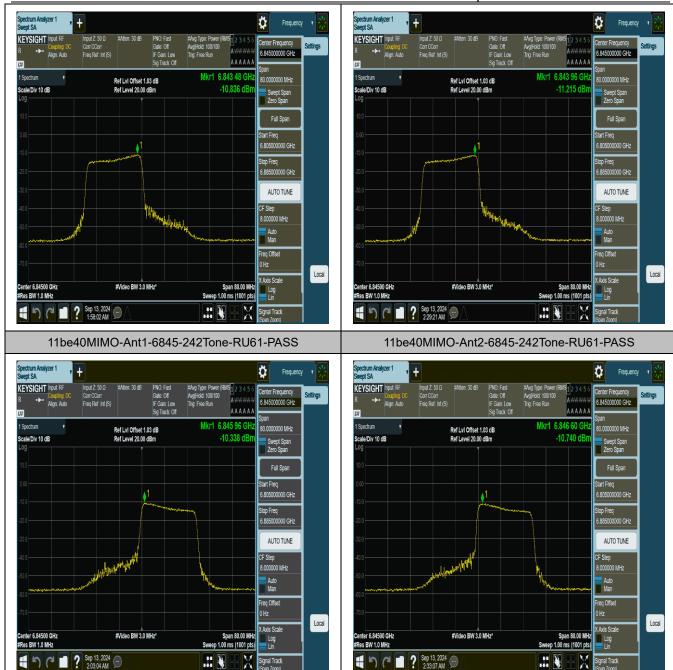




11be40MIMO-Ant1-6685-242Tone-RU62-PASS



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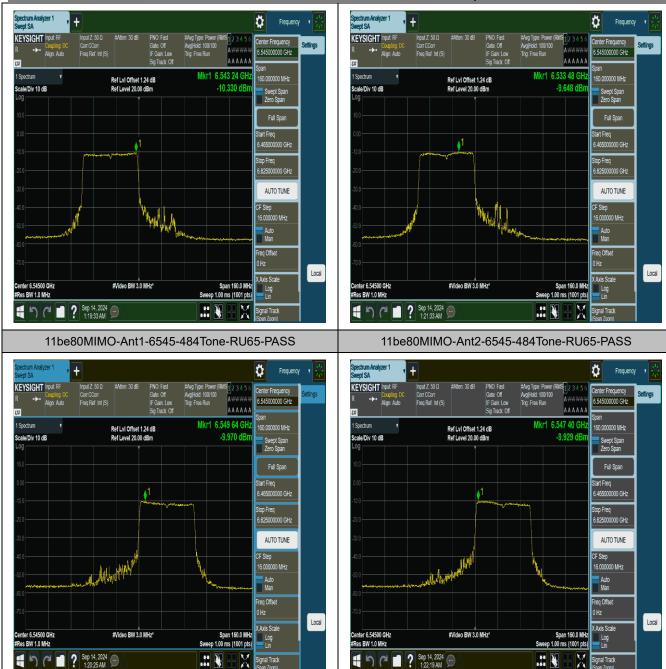


11be40MIMO-Ant1-6845-242Tone-RU62-PASS

11be40MIMO-Ant2-6845-242Tone-RU62-PASS



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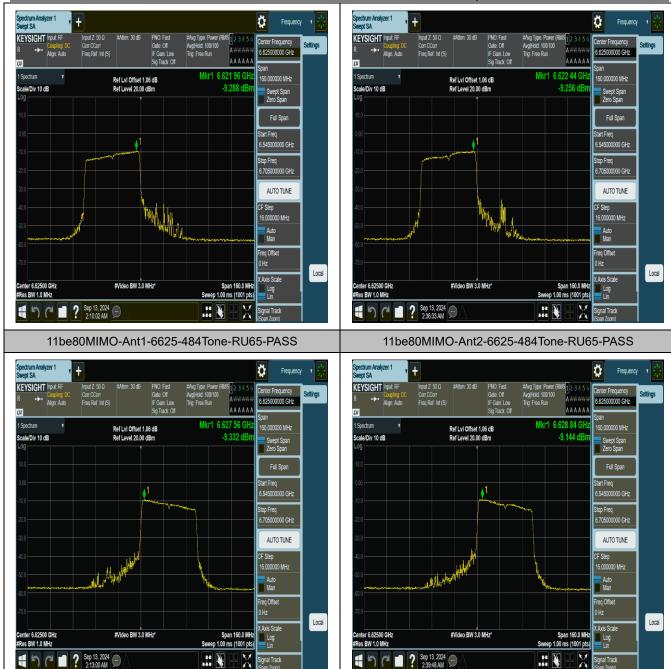


11be80MIMO-Ant1-6545-484Tone-RU66-PASS

11be80MIMO-Ant2-6545-484Tone-RU66-PASS



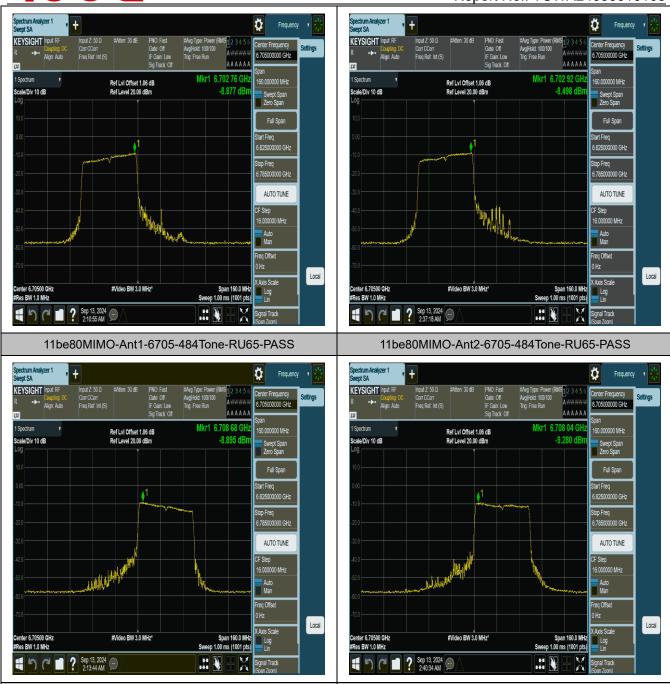
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11be80MIMO-Ant1-6625-484Tone-RU66-PASS

11be80MIMO-Ant2-6625-484Tone-RU66-PASS

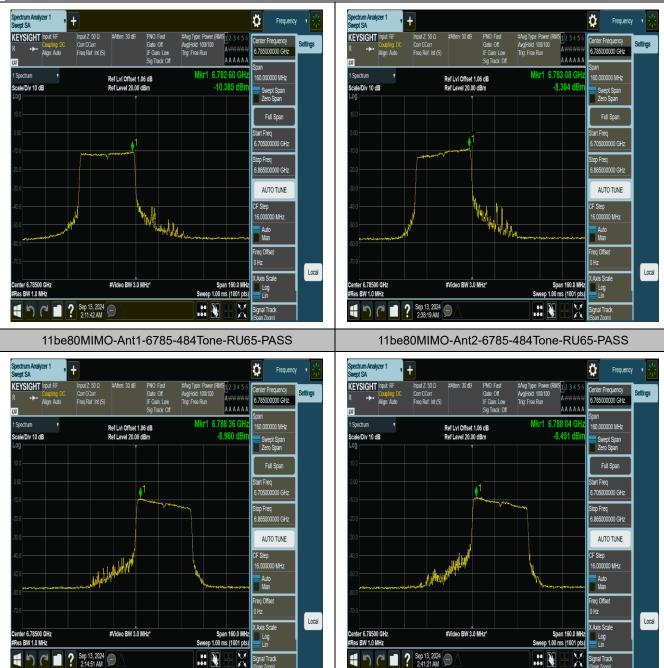




11be80MIMO-Ant1-6705-484Tone-RU66-PASS

11be80MIMO-Ant2-6705-484Tone-RU66-PASS

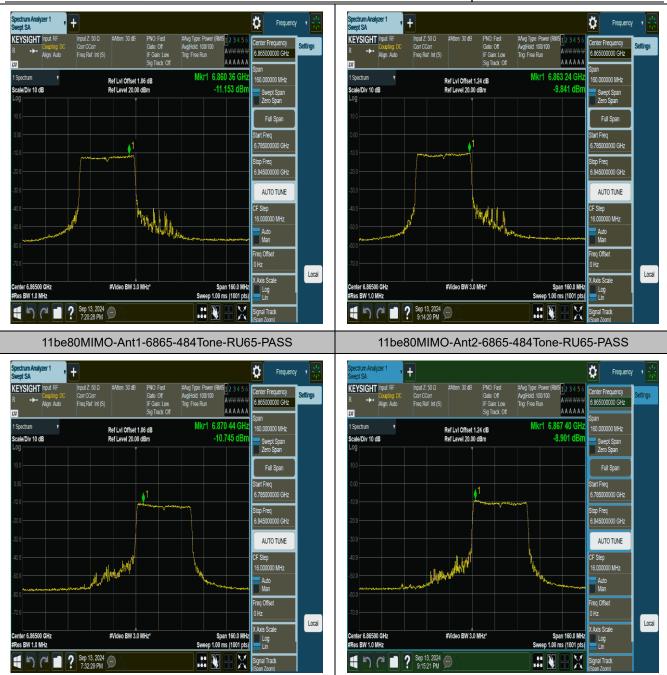




11be80MIMO-Ant1-6785-484Tone-RU66-PASS

11be80MIMO-Ant2-6785-484Tone-RU66-PASS



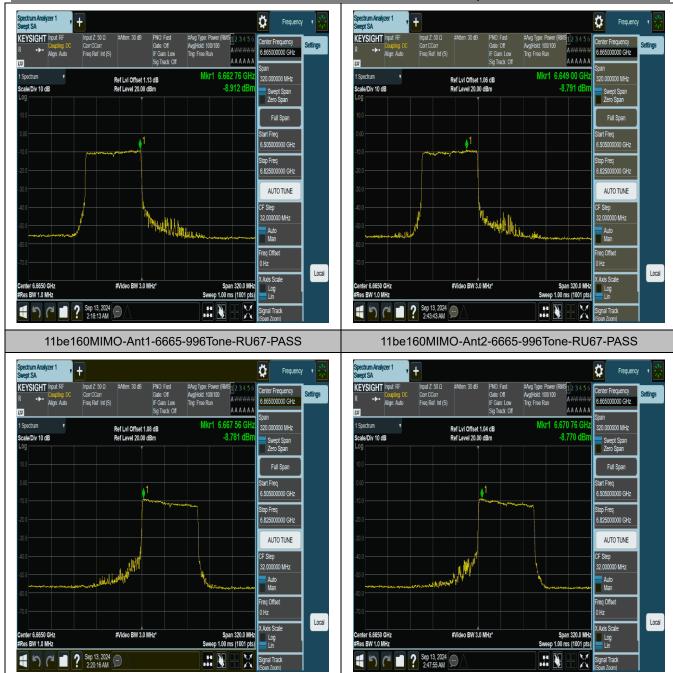


11be80MIMO-Ant1-6865-484Tone-RU66-PASS

11be80MIMO-Ant2-6865-484Tone-RU66-PASS



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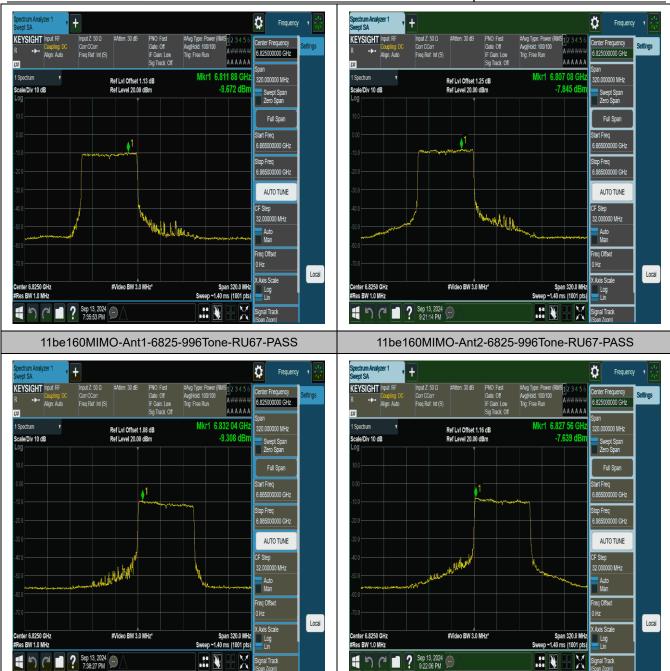


11be160MIMO-Ant1-6665-996Tone-RU68-PASS

11be160MIMO-Ant2-6665-996Tone-RU68-PASS



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11be160MIMO-Ant1-6825-996Tone-RU68-PASS

11be160MIMO-Ant2-6825-996Tone-RU68-PASS



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InBand Emissions

Test Result

Test Mode	Antenna	Frequency[MHz]	Result	Limit	Verdict
11a-CDD	Ant1	6535	See test graph	See test graph	PASS
11a-CDD	Ant2	6535	See test graph	See test graph	PASS
11a-CDD	Ant1	6695	See test graph	See test graph	PASS
11a-CDD	Ant2	6695	See test graph	See test graph	PASS
11a-CDD	Ant1	6855	See test graph	See test graph	PASS
11a-CDD	Ant2	6855	See test graph	See test graph	PASS
11a-CDD	Ant1	6875	See test graph	See test graph	PASS
11a-CDD	Ant2	6875	See test graph	See test graph	PASS
11ax20MIMO	Ant1	6535	See test graph	See test graph	PASS
11ax20MIMO	Ant2	6535	See test graph	See test graph	PASS
11ax20MIMO	Ant1	6695	See test graph	See test graph	PASS
11ax20MIMO	Ant2	6695	See test graph	See test graph	PASS
11ax20MIMO	Ant1	6855	See test graph	See test graph	PASS
11ax20MIMO	Ant2	6855	See test graph	See test graph	PASS
11ax20MIMO	Ant1	6875	See test graph	See test graph	PASS
11ax20MIMO	Ant2	6875	See test graph	See test graph	PASS
11ax40MIMO	Ant1	6525	See test graph	See test graph	PASS
11ax40MIMO	Ant2	6525	See test graph	See test graph	PASS
11ax40MIMO	Ant1	6565	See test graph	See test graph	PASS
11ax40MIMO	Ant2	6565	See test graph	See test graph	PASS
11ax40MIMO	Ant1	6685	See test graph	See test graph	PASS
11ax40MIMO	Ant2	6685	See test graph	See test graph	PASS
11ax40MIMO	Ant1	6845	See test graph	See test graph	PASS
11ax40MIMO	Ant2	6845	See test graph	See test graph	PASS
11ax80MIMO	Ant1	6545	See test graph	See test graph	PASS
11ax80MIMO	Ant2	6545	See test graph	See test graph	PASS
11ax80MIMO	Ant1	6625	See test graph	See test graph	PASS
11ax80MIMO	Ant2	6625	See test graph	See test graph	PASS
11ax80MIMO	Ant1	6705	See test graph	See test graph	PASS
11ax80MIMO	Ant2	6705	See test graph	See test graph	PASS
11ax80MIMO	Ant1	6785	See test graph	See test graph	PASS
11ax80MIMO	Ant2	6785	See test graph	See test graph	PASS
11ax80MIMO	Ant1	6865	See test graph	See test graph	PASS
11ax80MIMO	Ant2	6865	See test graph	See test graph	PASS
11ax160MIMO	Ant1	6665	See test graph	See test graph	PASS
11ax160MIMO	Ant2	6665	See test graph	See test graph	PASS
11ax160MIMO	Ant1	6825	See test graph	See test graph	PASS
11ax160MIMO	Ant2	6825	See test graph	See test graph	PASS
11be20MIMO	Ant1	6535	See test graph	See test graph	PASS

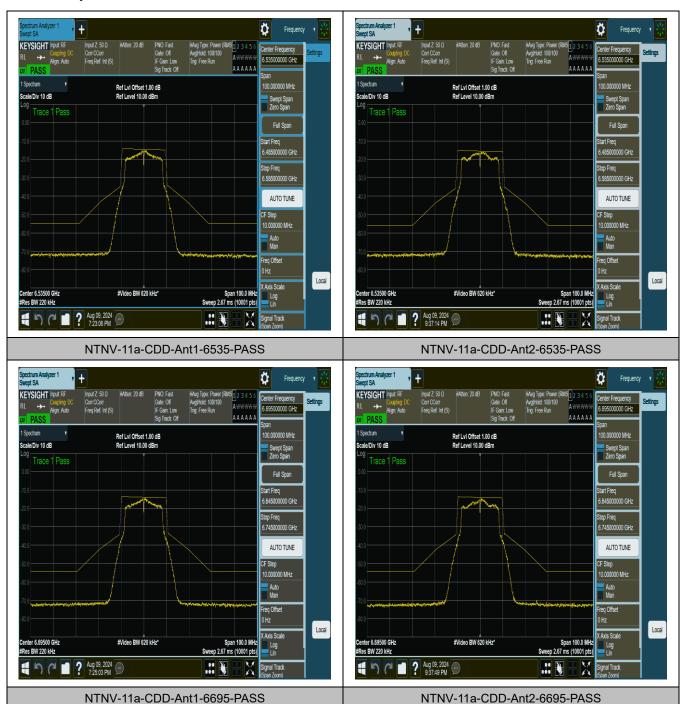


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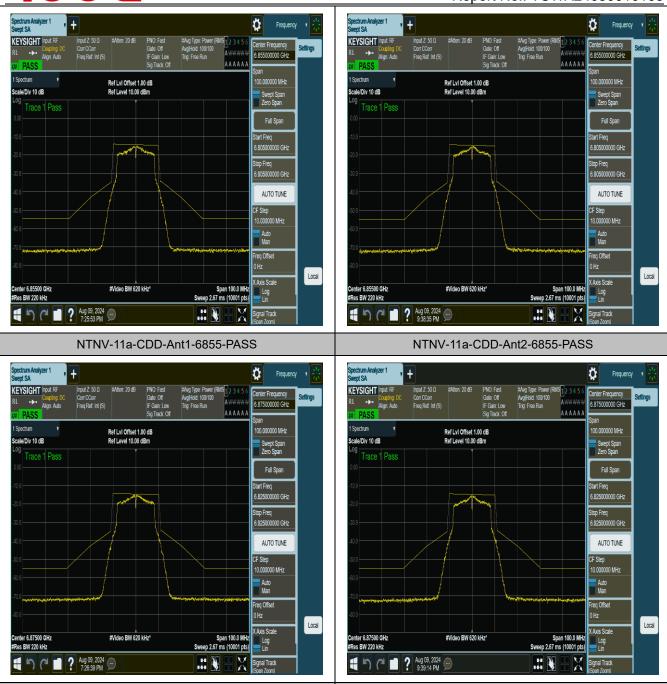
				Report No.: 10 W/12+00	0010100
11be20MIMO	Ant2	6535	See test graph	See test graph	PASS
11be20MIMO	Ant1	6695	See test graph	See test graph	PASS
11be20MIMO	Ant2	6695	See test graph	See test graph	PASS
11be20MIMO	Ant1	6855	See test graph	See test graph	PASS
11be20MIMO	Ant2	6855	See test graph	See test graph	PASS
11be20MIMO	Ant1	6875	See test graph	See test graph	PASS
11be20MIMO	Ant2	6875	See test graph	See test graph	PASS
11be40MIMO	Ant1	6525	See test graph	See test graph	PASS
11be40MIMO	Ant2	6525	See test graph	See test graph	PASS
11be40MIMO	Ant1	6565	See test graph	See test graph	PASS
11be40MIMO	Ant2	6565	See test graph	See test graph	PASS
11be40MIMO	Ant1	6685	See test graph	See test graph	PASS
11be40MIMO	Ant2	6685	See test graph	See test graph	PASS
11be40MIMO	Ant1	6845	See test graph	See test graph	PASS
11be40MIMO	Ant2	6845	See test graph	See test graph	PASS
11be80MIMO	Ant1	6545	See test graph	See test graph	PASS
11be80MIMO	Ant2	6545	See test graph	See test graph	PASS
11be80MIMO	Ant1	6625	See test graph	See test graph	PASS
11be80MIMO	Ant2	6625	See test graph	See test graph	PASS
11be80MIMO	Ant1	6705	See test graph	See test graph	PASS
11be80MIMO	Ant2	6705	See test graph	See test graph	PASS
11be80MIMO	Ant1	6785	See test graph	See test graph	PASS
11be80MIMO	Ant2	6785	See test graph	See test graph	PASS
11be80MIMO	Ant1	6865	See test graph	See test graph	PASS
11be80MIMO	Ant2	6865	See test graph	See test graph	PASS
11be160MIMO	Ant1	6665	See test graph	See test graph	PASS
11be160MIMO	Ant2	6665	See test graph	See test graph	PASS
11be160MIMO	Ant1	6825	See test graph	See test graph	PASS
11be160MIMO	Ant2	6825	See test graph	See test graph	PASS
	•		•	•	•



Test Graphs



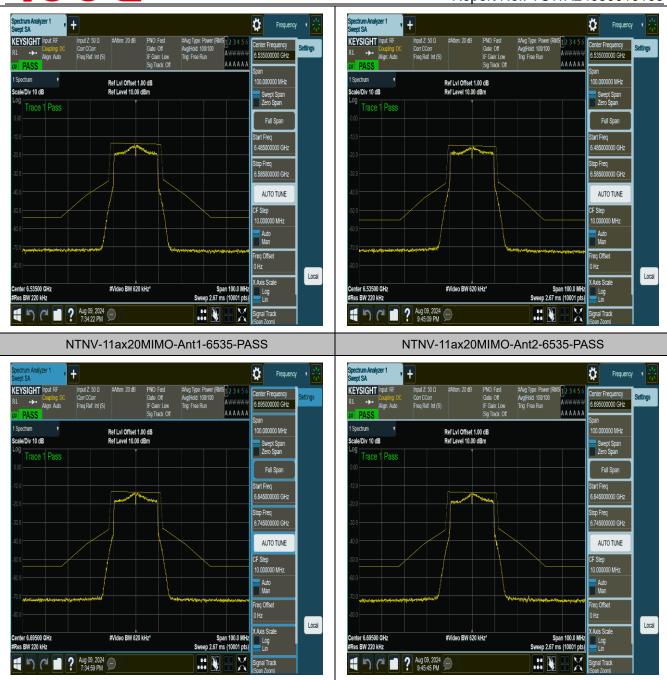




NTNV-11a-CDD-Ant1-6875-PASS

NTNV-11a-CDD-Ant2-6875-PASS

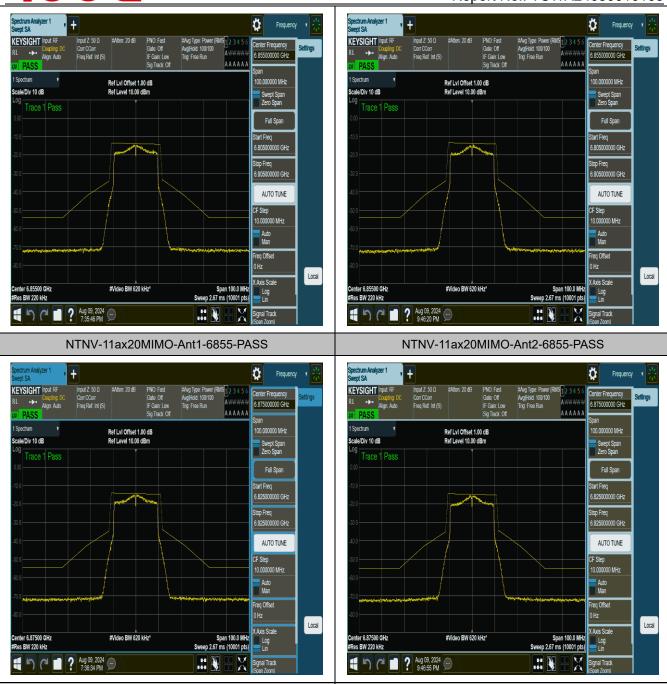




NTNV-11ax20MIMO-Ant1-6695-PASS

NTNV-11ax20MIMO-Ant2-6695-PASS





NTNV-11ax20MIMO-Ant1-6875-PASS

NTNV-11ax20MIMO-Ant2-6875-PASS



Report No.: TCWA24050010105 **Ö** Frequency Ö. Frequency Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input RF KEYSIGHT Input RF Corr CCorr Freq Ref: Int (S) 5.525000000 GHz Ref Lvl Offset 1.00 dB Ref Level 10.00 dBm Ref Lvl Offset 1.00 dB Ref Level 10.00 dBm cale/Div 10 dB Scale/Div 10 dB Swept Spar Zero Span Swept Spar Zero Span Full Span Full Span tart Freq 6.425000000 GHz 6.425000000 GHz Stop Freq 6.625000000 GHz 6.625000000 GHz AUTO TUNE AUTO TUNE CF Step 20.000000 MHz Auto Man Auto Man req Offset req Offset Local Local X Axis Scale X Axis Scale #Video BW 1.2 MHz* enter 6.5250 GHz #Video BW 1.2 MHz* nter 6.5250 GHz Span 200.0 MHz Span 200.0 MHz Log Lin Log Lin #Res BW 430 kHz Sweep 2.00 ms (10001 pts) #Res BW 430 kHz Sweep 2.00 ms (10001 pts) 4 9 6 7 ? Aug 09, 2024 9 4 9 PM ? Aug 12, 2024 9 NTNV-11ax40MIMO-Ant1-6525-PASS NTNV-11ax40MIMO-Ant2-6525-PASS Ö Frequency Ö Input Z: 50 Q Corr CCorr Freq Ref: Int (S) Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) KEYSIGHT Input RE KEYSIGHT Input RF → Align: Auto → Align: Auto 6.565000000 GHz 6.565000000 GHz AAAAAA AAAAAA Spectrum Spectrum Ref Lvl Offset 1.00 dB Ref Level 10.00 dBm 200.000000 MHz Ref Lvl Offset 1.00 dB Ref Level 10.00 dBm ale/Div 10 dB cale/Div 10 dB Swept Spar Zero Span Swept Spar Zero Span Full Span Start Freq 6.465000000 GHz 6.465000000 GHz top Freq AUTO TUNE AUTO TUNE Freq Offset req Offset Local Local X Axis Scale X Axis Scale enter 6.5650 GHz Res BW 430 kHz #Video BW 1.2 MHz* Span 200.0 MHz Sweep 2.00 ms (10001 pts) Center 6,5650 GHz #Res BW 430 kHz #Video BW 1.2 MHz* Span 200.0 MHz Sweep 2.00 ms (10001 pts)

4 9 6 7 ? Aug 12, 2024 (m)

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NTNV-11ax40MIMO-Ant1-6565-PASS

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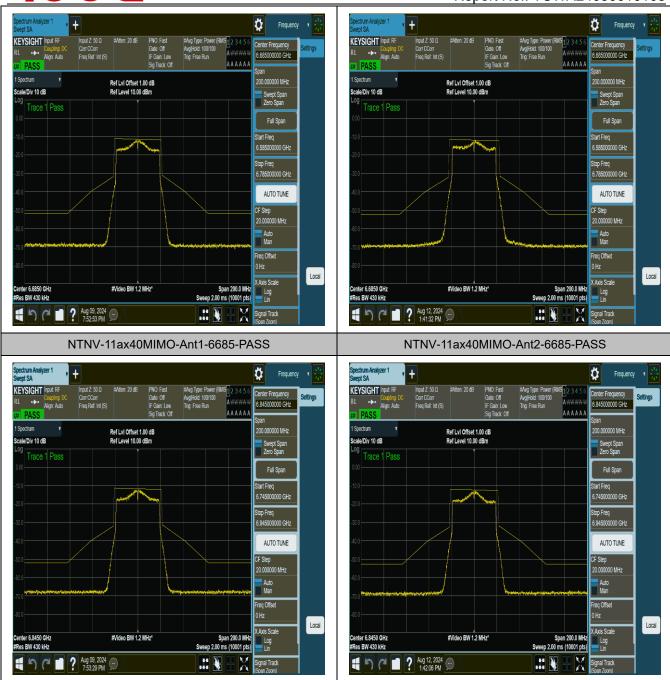
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NTNV-11ax40MIMO-Ant2-6565-PASS

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5 C Aug 09, 2024 7:52:16 PM

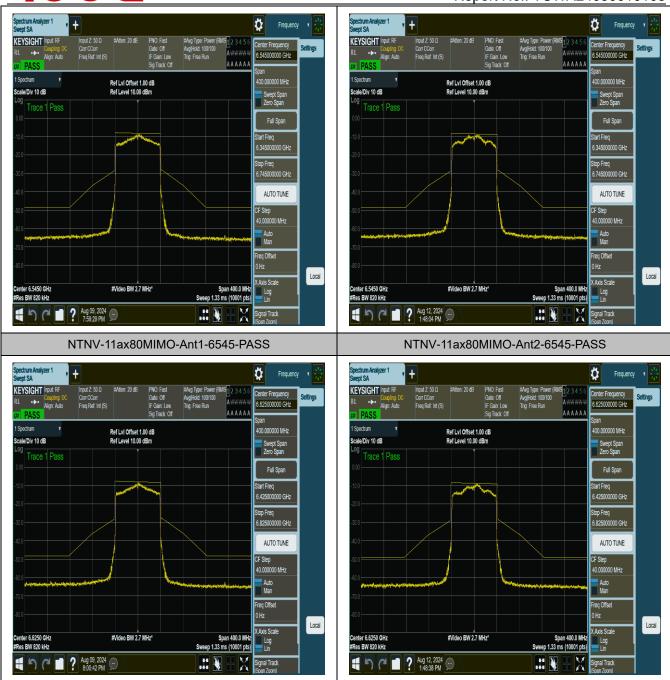




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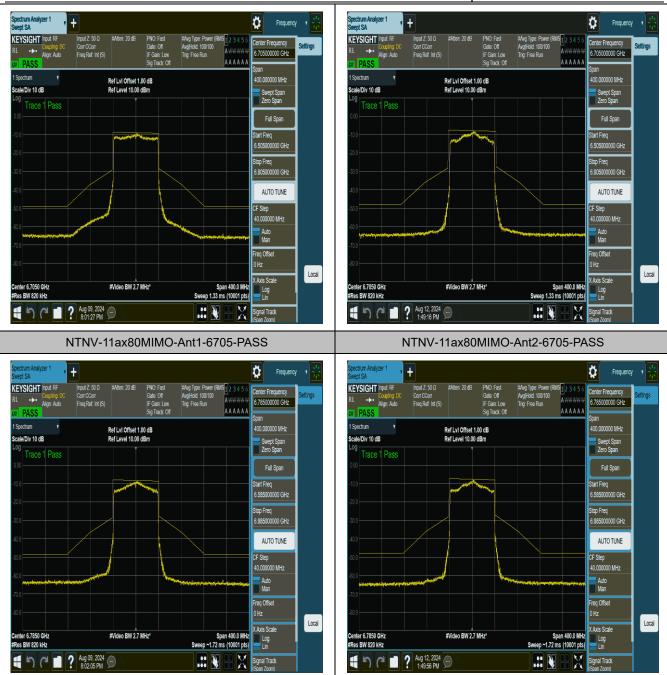




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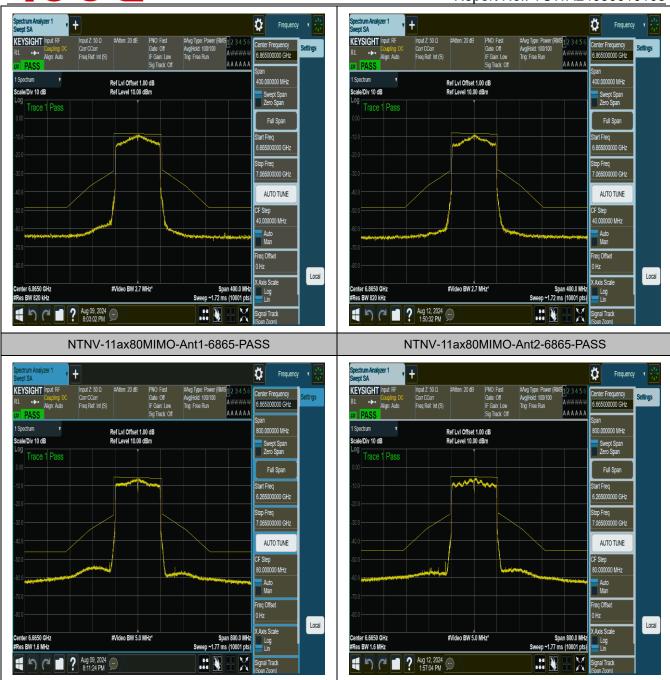




NTNV-11ax80MIMO-Ant1-6785-PASS

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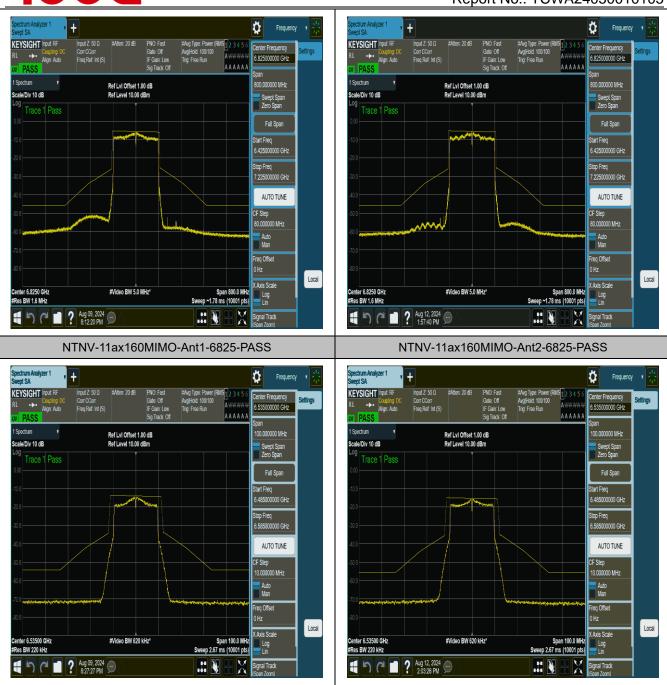




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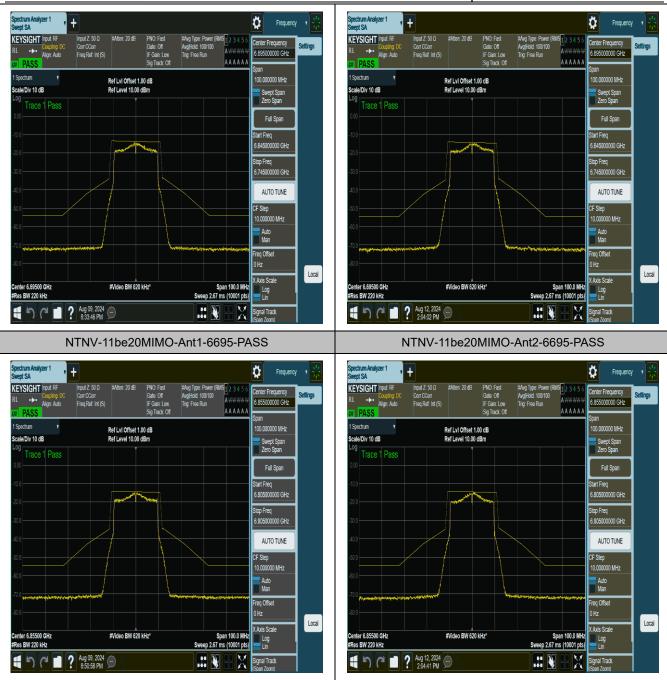




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NTNV-11be20MIMO-Ant2-6535-PASS

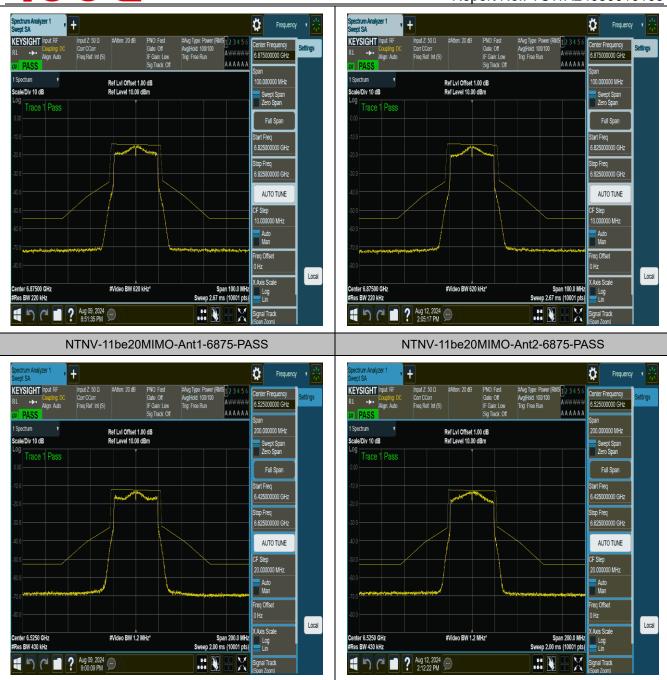




NTNV-11be20MIMO-Ant1-6855-PASS

NTNV-11be20MIMO-Ant2-6855-PASS

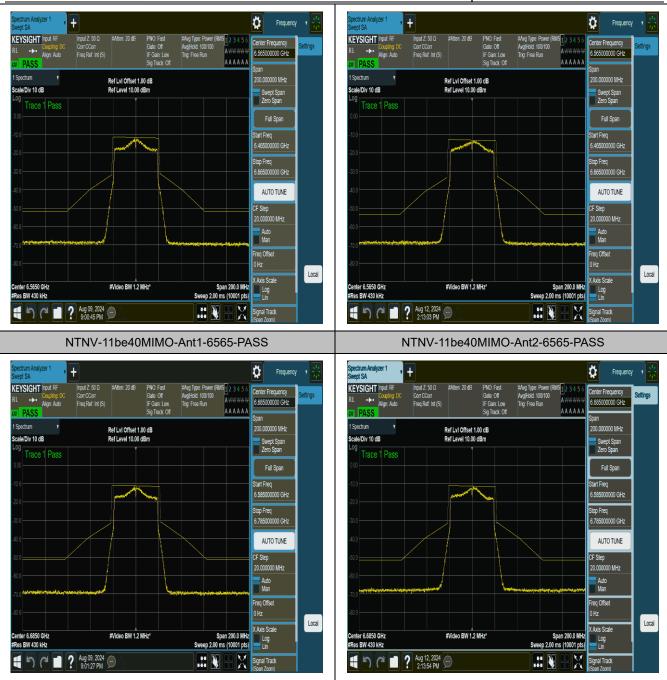




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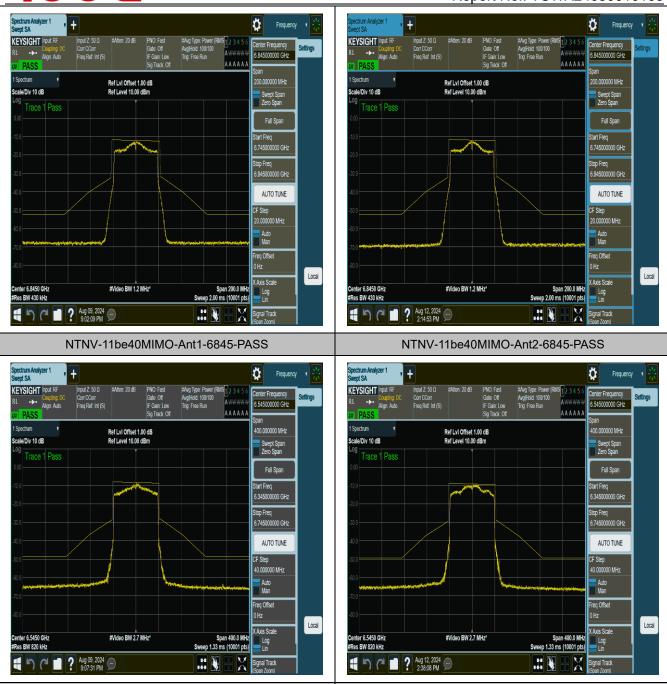




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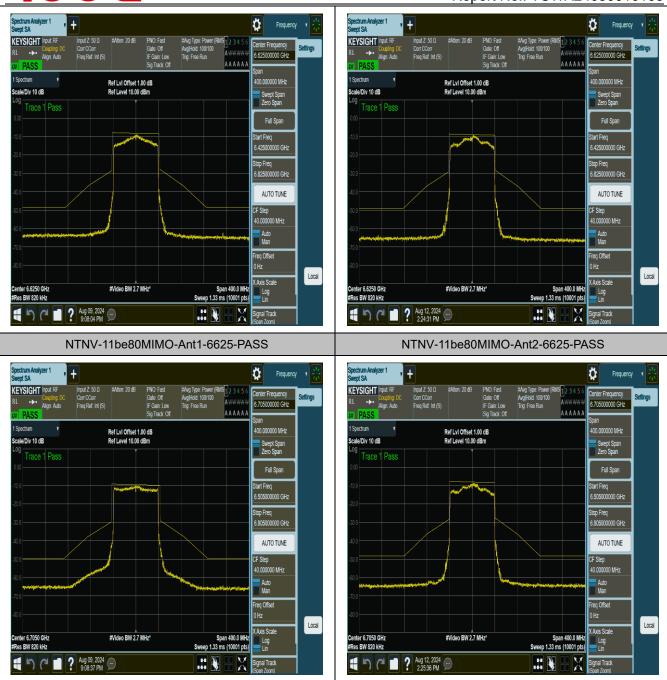




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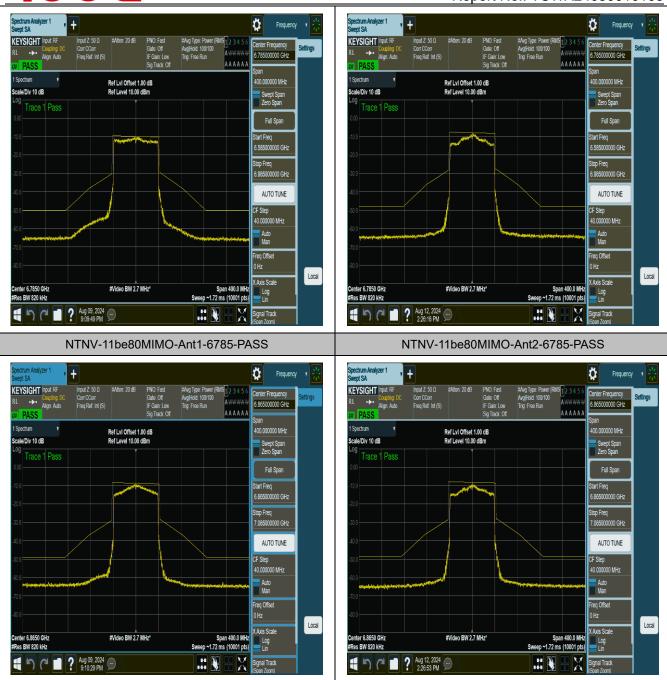




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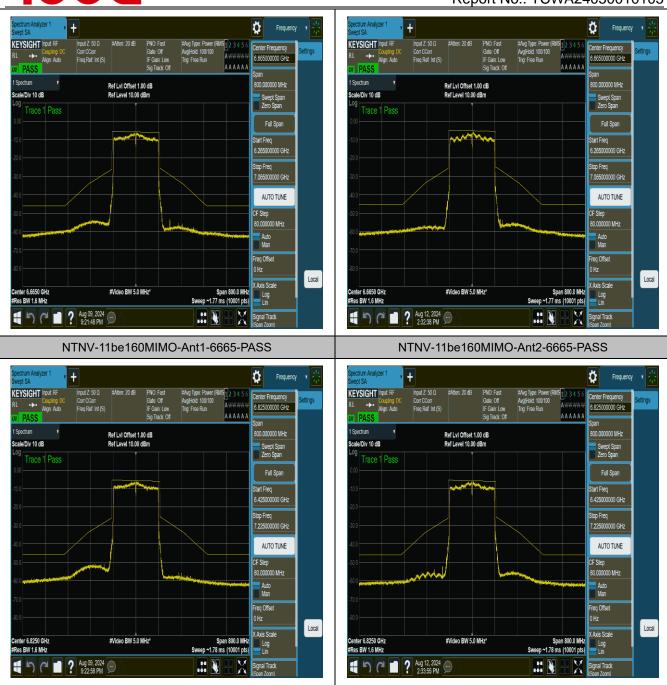




NTNV-11be80MIMO-Ant1-6865-PASS

NTNV-11be80MIMO-Ant2-6865-PASS





NTNV-11be160MIMO-Ant1-6825-PASS

NTNV-11be160MIMO-Ant2-6825-PASS



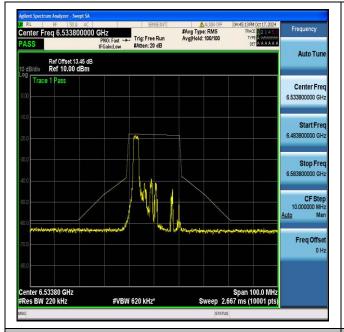
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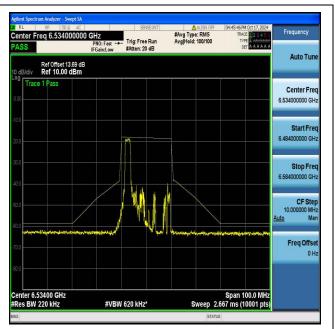
Test Result for AX Part RU_Trigger-Based

Test Mode	Antenna	Frequency[MHz]	RU Size	RU Index	Result	Limit	Verdict
11be20MIMO	Ant1	6535	26Tone	RU0	See test graph	See test graph	PASS
11be20MIMO	Ant2	6535	26Tone	RU0	See test graph	See test graph	PASS
11be20MIMO	Ant1	6535	26Tone	RU8	See test graph	See test graph	PASS
11be20MIMO	Ant2	6535	26Tone	RU8	See test graph	See test graph	PASS
11be20MIMO	Ant1	6695	26Tone	RU0	See test graph	See test graph	PASS
11be20MIMO	Ant2	6695	26Tone	RU0	See test graph	See test graph	PASS
11be20MIMO	Ant1	6695	26Tone	RU8	See test graph	See test graph	PASS
11be20MIMO	Ant2	6695	26Tone	RU8	See test graph	See test graph	PASS
11be20MIMO	Ant1	6855	26Tone	RU0	See test graph	See test graph	PASS
11be20MIMO	Ant2	6855	26Tone	RU0	See test graph	See test graph	PASS
11be20MIMO	Ant1	6855	26Tone	RU8	See test graph	See test graph	PASS
11be20MIMO	Ant2	6855	26Tone	RU8	See test graph	See test graph	PASS

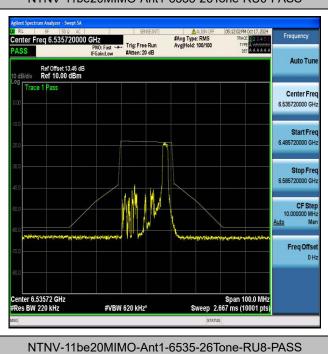


Test Graphs for AX Part RU_Trigger-Based

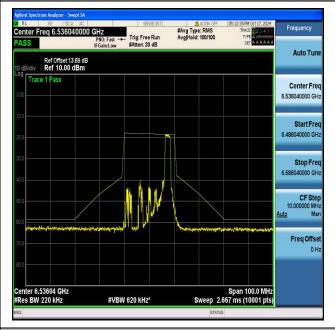




NTNV-11be20MIMO-Ant1-6535-26Tone-RU0-PASS



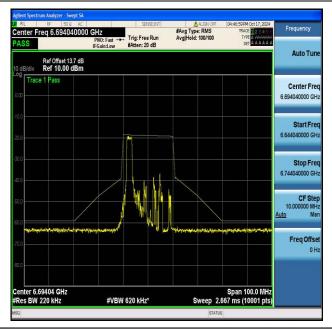
NTNV-11be20MIMO-Ant2-6535-26Tone-RU0-PASS

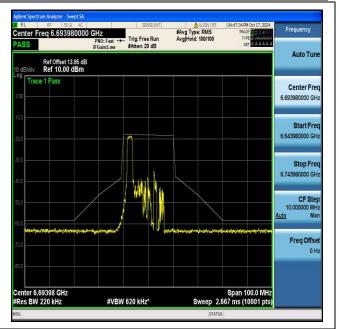


NTNV-11be20MIMO-Ant2-6535-26Tone-RU8-PASS

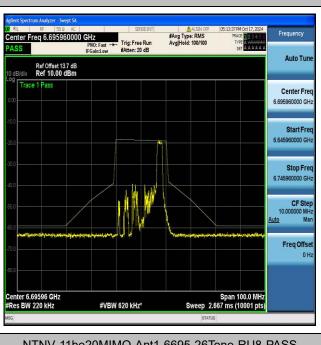




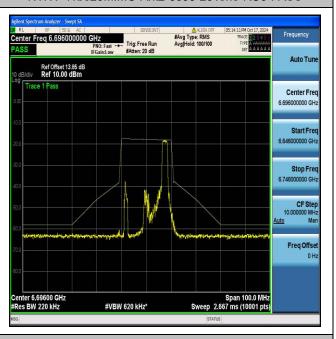




NTNV-11be20MIMO-Ant1-6695-26Tone-RU0-PASS



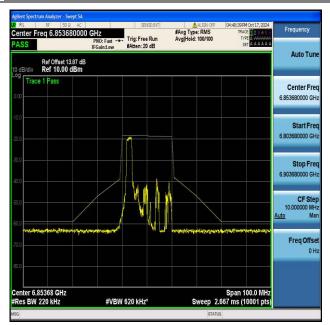
NTNV-11be20MIMO-Ant2-6695-26Tone-RU0-PASS

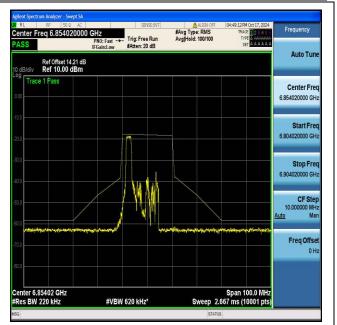


NTNV-11be20MIMO-Ant1-6695-26Tone-RU8-PASS

NTNV-11be20MIMO-Ant2-6695-26Tone-RU8-PASS



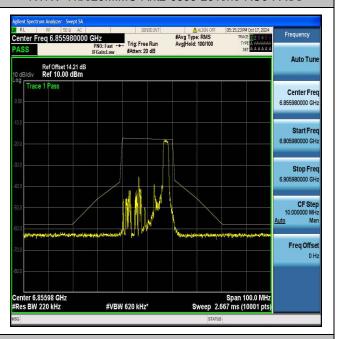




NTNV-11be20MIMO-Ant1-6855-26Tone-RU0-PASS

Ref Offset 13.87 dB Ref 10.00 dBm Center Free 6.855880000 GH Stop Free CF Step 10.0000 Freq Offse Span 100.0 MHz Sweep 2.667 ms (10001 pts Center 6.85588 GHz #Res BW 220 kHz #VBW 620 kHz*

NTNV-11be20MIMO-Ant2-6855-26Tone-RU0-PASS



NTNV-11be20MIMO-Ant1-6855-26Tone-RU8-PASS

NTNV-11be20MIMO-Ant2-6855-26Tone-RU8-PASS



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Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a-CDD	Ant1	6875	20.240	6865.080	6885.320		
11a-CDD	Ant2	6875	20.280	6865.160	6885.440		
11a-CDD	Ant1	6895	20.080	6885.000	6905.080		
11a-CDD	Ant2	6895	20.400	6884.800	6905.200		
11a-CDD	Ant1	6995	19.440	6985.080	7004.520		
11a-CDD	Ant2	6995	20.320	6985.120	7005.440		
11a-CDD	Ant1	7115	20.000	7105.040	7125.040		
11a-CDD	Ant2	7115	20.440	7105.120	7125.560		
11ax20MIMO	Ant1	6875	21.720	6863.880	6885.600		
11ax20MIMO	Ant2	6875	21.440	6864.480	6885.920		
11ax20MIMO	Ant1	6895	21.080	6884.480	6905.560		
11ax20MIMO	Ant2	6895	21.360	6884.240	6905.600		
11ax20MIMO	Ant1	6995	21.120	6984.320	7005.440		
11ax20MIMO	Ant2	6995	21.560	6984.080	7005.640		
11ax20MIMO	Ant1	7115	21.640	7103.960	7125.600		
11ax20MIMO	Ant2	7115	22.080	7103.640	7125.720		
11ax40MIMO	Ant1	6885	42.000	6863.960	6905.960		
11ax40MIMO	Ant2	6885	41.920	6864.280	6906.200		
11ax40MIMO	Ant1	6925	40.480	6904.520	6945.000		
11ax40MIMO	Ant2	6925	42.320	6903.960	6946.280		
11ax40MIMO	Ant1	6965	41.600	6943.880	6985.480		
11ax40MIMO	Ant2	6965	42.880	6943.480	6986.360		
11ax40MIMO	Ant1	7085	42.000	7064.280	7106.280		
11ax40MIMO	Ant2	7085	42.160	7063.640	7105.800		
11ax80MIMO	Ant1	6945	81.760	6904.520	6986.280		
11ax80MIMO	Ant2	6945	82.080	6903.720	6985.800		
11ax80MIMO	Ant1	7025	81.440	6984.200	7065.640		
11ax80MIMO	Ant2	7025	82.720	6984.200	7066.920		
11ax160MIMO	Ant1	6985	168.000	6900.840	7068.840		
11ax160MIMO	Ant2	6985	171.840	6900.520	7072.360		
11be20MIMO	Ant1	6875	21.680	6863.760	6885.440		
11be20MIMO	Ant2	6875	22.000	6864.080	6886.080		
11be20MIMO	Ant1	6895	21.720	6884.360	6906.080		
11be20MIMO	Ant2	6895	21.440	6884.360	6905.800		
11be20MIMO	Ant1	6995	22.000	6983.960	7005.960		
11be20MIMO	Ant2	6995	21.400	6984.000	7005.400		
11be20MIMO	Ant1	7115	21.520	7104.080	7125.600		
11be20MIMO	Ant2	7115	21.440	7104.280	7125.720		
11be40MIMO	Ant1	6885	41.840	6864.360	6906.200		

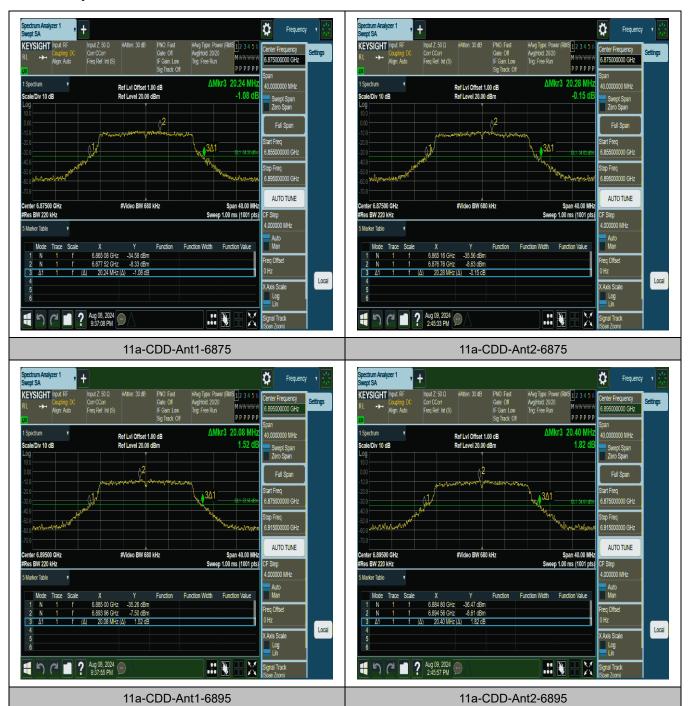


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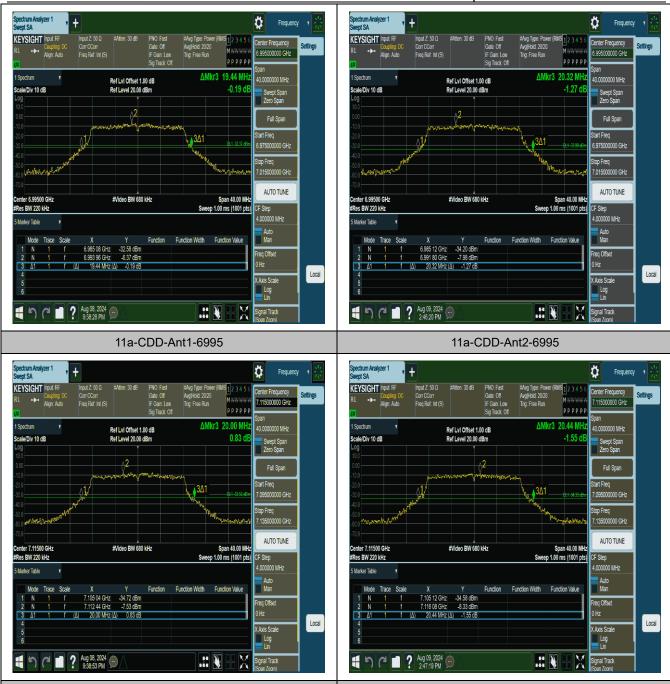
11be40MIMO	Ant2	6885	41.440	6864.040	6905.480	
11be40MIMO	Ant1	6925	41.520	6904.360	6945.880	
11be40MIMO	Ant2	6925	41.440	6904.360	6945.800	
11be40MIMO	Ant1	6965	42.480	6943.800	6986.280	
11be40MIMO	Ant2	6965	42.800	6943.560	6986.360	
11be40MIMO	Ant1	7085	41.920	7063.720	7105.640	
11be40MIMO	Ant2	7085	40.560	7064.840	7105.400	
11be80MIMO	Ant1	6945	81.600	6904.840	6986.440	
11be80MIMO	Ant2	6945	81.280	6904.520	6985.800	
11be80MIMO	Ant1	7025	81.120	6984.520	7065.640	
11be80MIMO	Ant2	7025	82.240	6984.360	7066.600	
11be160MIMO	Ant1	6985	167.360	6900.200	7067.560	
11be160MIMO	Ant2	6985	168.000	6901.160	7069.160	



Test Graphs







11a-CDD-Ant1-7115

11a-CDD-Ant2-7115















11ax40MIMO-Ant1-7085

11ax40MIMO-Ant2-7085



