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Appendix B- 6EWi-Fi(U-NII-7&U-NII-8)

6535 ~ 6875MHz Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a-CDD	Ant1	6535	19.000	6525.480	6544.480		
11a-CDD	Ant2	6535	19.880	6524.920	6544.800		
11a-CDD	Ant1	6695	19.600	6684.960	6704.560		
11a-CDD	Ant2	6695	19.480	6685.280	6704.760		
11a-CDD	Ant1	6855	19.680	6845.200	6864.880		
11a-CDD	Ant2	6855	19.920	6844.960	6864.880		
11a-CDD	Ant1	6875	20.240	6865.080	6885.320		
11a-CDD	Ant2	6875	20.280	6865.160	6885.440		
11ax20MIMO	Ant1	6535	22.160	6523.880	6546.040		
11ax20MIMO	Ant2	6535	21.200	6524.280	6545.480		
11ax20MIMO	Ant1	6695	21.840	6684.240	6706.080		
11ax20MIMO	Ant2	6695	21.640	6684.320	6705.960		
11ax20MIMO	Ant1	6855	21.520	6844.280	6865.800		
11ax20MIMO	Ant2	6855	21.160	6844.320	6865.480		
11ax20MIMO	Ant1	6875	21.720	6863.880	6885.600		
11ax20MIMO	Ant2	6875	21.440	6864.480	6885.920		
11ax40MIMO	Ant1	6525	41.680	6504.280	6545.960		
11ax40MIMO	Ant2	6525	43.360	6503.400	6546.760		
11ax40MIMO	Ant1	6565	42.480	6543.720	6586.200		
11ax40MIMO	Ant2	6565	43.120	6543.480	6586.600		
11ax40MIMO	Ant1	6685	41.200	6664.520	6705.720		
11ax40MIMO	Ant2	6685	43.840	6662.760	6706.600		
11ax40MIMO	Ant1	6845	41.520	6823.880	6865.400		
11ax40MIMO	Ant2	6845	42.160	6823.960	6866.120		
11ax80MIMO	Ant1	6545	80.000	6504.840	6584.840		
11ax80MIMO	Ant2	6545	81.600	6504.520	6586.120		
11ax80MIMO	Ant1	6625	81.280	6584.200	6665.480		
11ax80MIMO	Ant2	6625	82.240	6583.400	6665.640		
11ax80MIMO	Ant1	6705	81.280	6664.840	6746.120		
11ax80MIMO	Ant2	6705	84.160	6663.080	6747.240		
11ax80MIMO	Ant1	6785	81.120	6743.880	6825.000		
11ax80MIMO	Ant2	6785	81.280	6744.840	6826.120		
11ax80MIMO	Ant1	6865	84.000	6823.560	6907.560		
11ax80MIMO	Ant2	6865	81.760	6824.360	6906.120		
11ax160MIMO	Ant1	6665	169.920	6579.880	6749.800		
11ax160MIMO	Ant2	6665	168.000	6580.520	6748.520		
11ax160MIMO	Ant1	6825	167.040	6742.760	6909.800		

Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd.

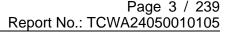
Tel.: +86-755-27212361

Email: info@towewireless.com TOWE-QP-15-F05 Rev.1.1



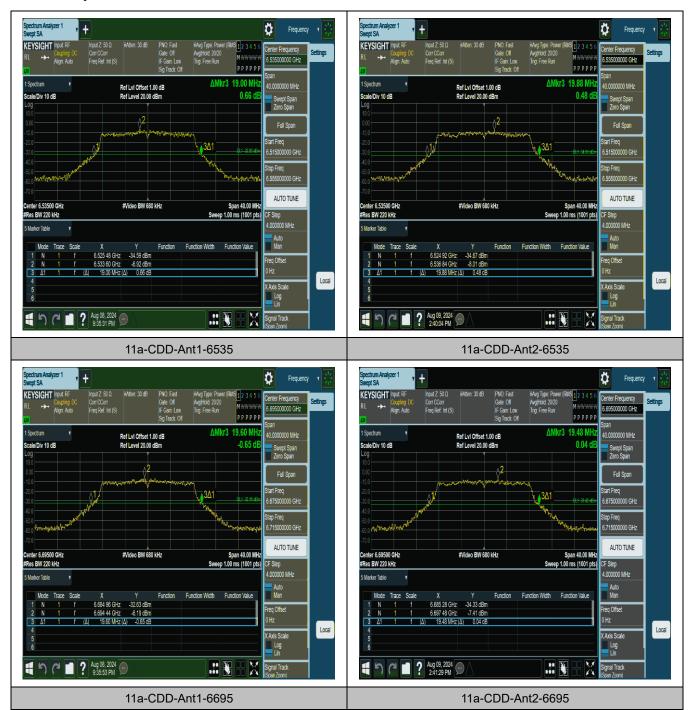
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					toport i ton	TCVVA24030	010100
11ax160MIMO	Ant2	6825	168.000	6740.840	6908.840		
11be20MIMO	Ant1	6535	22.320	6524.040	6546.360		
11be20MIMO	Ant2	6535	22.520	6523.360	6545.880		
11be20MIMO	Ant1	6695	21.600	6684.240	6705.840		
11be20MIMO	Ant2	6695	21.640	6683.920	6705.560		
11be20MIMO	Ant1	6855	21.400	6844.320	6865.720		
11be20MIMO	Ant2	6855	21.680	6843.920	6865.600		
11be20MIMO	Ant1	6875	21.680	6863.760	6885.440		
11be20MIMO	Ant2	6875	22.000	6864.080	6886.080		
11be40MIMO	Ant1	6525	43.680	6503.240	6546.920		
11be40MIMO	Ant2	6525	42.160	6504.120	6546.280		
11be40MIMO	Ant1	6565	40.640	6544.920	6585.560		
11be40MIMO	Ant2	6565	42.400	6543.720	6586.120		
11be40MIMO	Ant1	6685	42.080	6663.480	6705.560		
11be40MIMO	Ant2	6685	41.760	6664.280	6706.040		
11be40MIMO	Ant1	6845	42.000	6823.880	6865.880		
11be40MIMO	Ant2	6845	41.520	6824.200	6865.720		
11be80MIMO	Ant1	6545	81.920	6503.720	6585.640		
11be80MIMO	Ant2	6545	82.880	6503.080	6585.960		
11be80MIMO	Ant1	6625	82.880	6583.400	6666.280		
11be80MIMO	Ant2	6625	81.440	6584.040	6665.480		
11be80MIMO	Ant1	6705	84.960	6661.800	6746.760		
11be80MIMO	Ant2	6705	80.160	6664.680	6744.840		
11be80MIMO	Ant1	6785	82.560	6743.720	6826.280		
11be80MIMO	Ant2	6785	81.280	6743.880	6825.160		
11be80MIMO	Ant1	6865	83.200	6822.920	6906.120		
11be80MIMO	Ant2	6865	83.360	6823.560	6906.920		
11be160MIMO	Ant1	6665	167.040	6582.440	6749.480		
11be160MIMO	Ant2	6665	164.800	6582.760	6747.560		
11be160MIMO	Ant1	6825	169.280	6740.520	6909.800		
11be160MIMO	Ant2	6825	167.360	6741.480	6908.840		

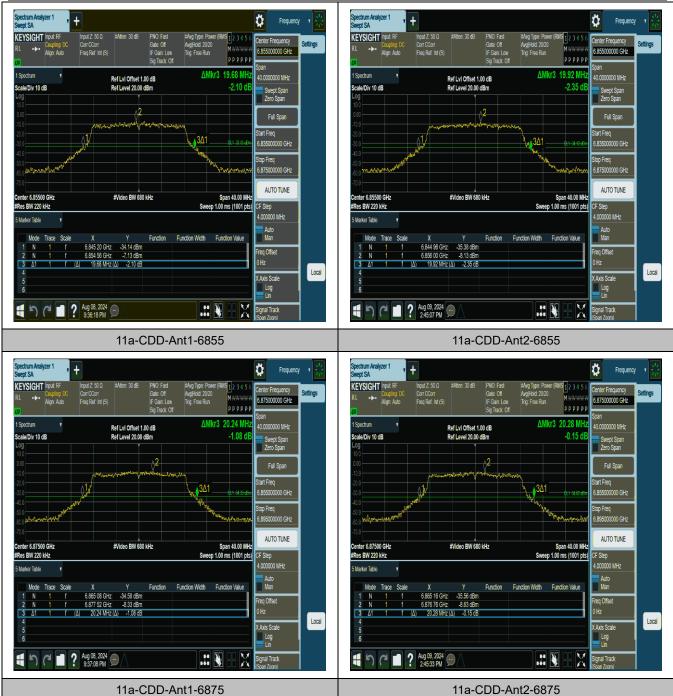




Test Graphs











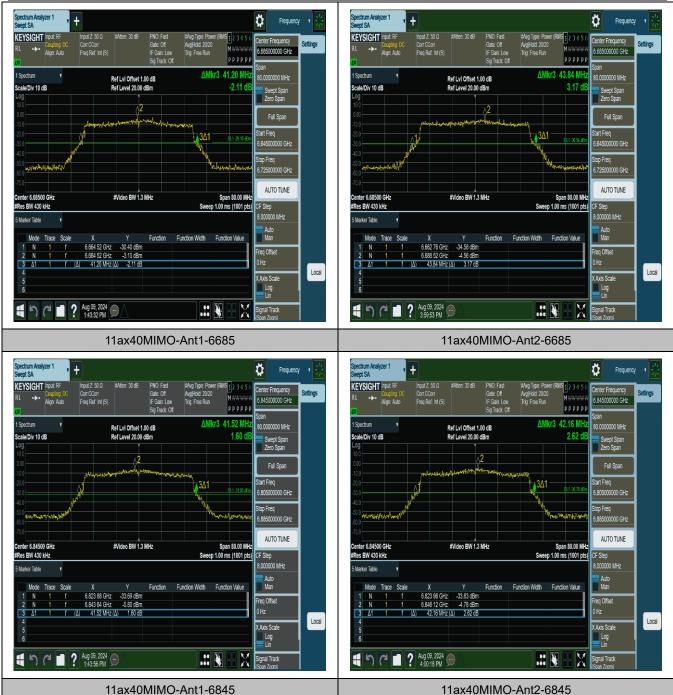




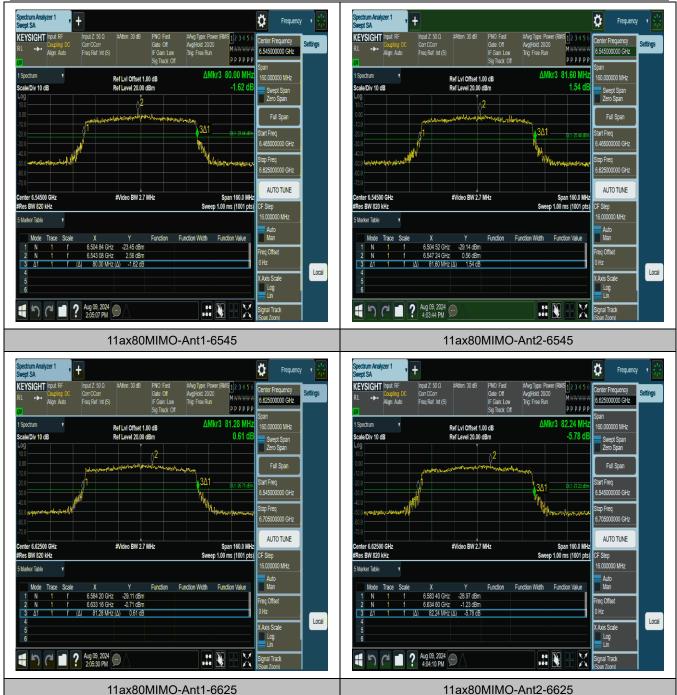




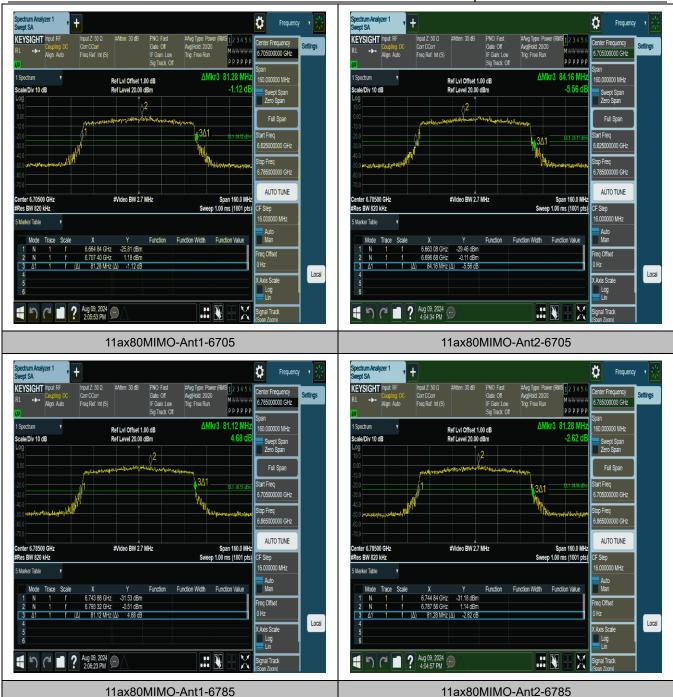




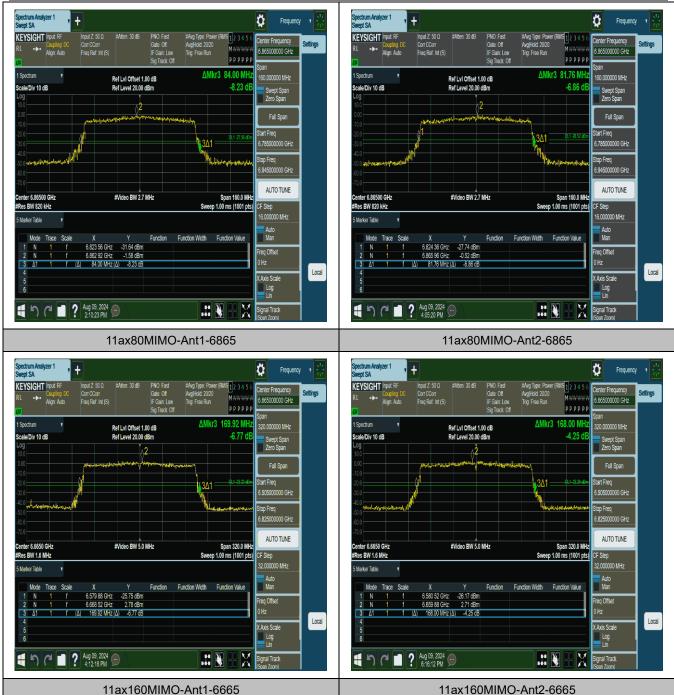




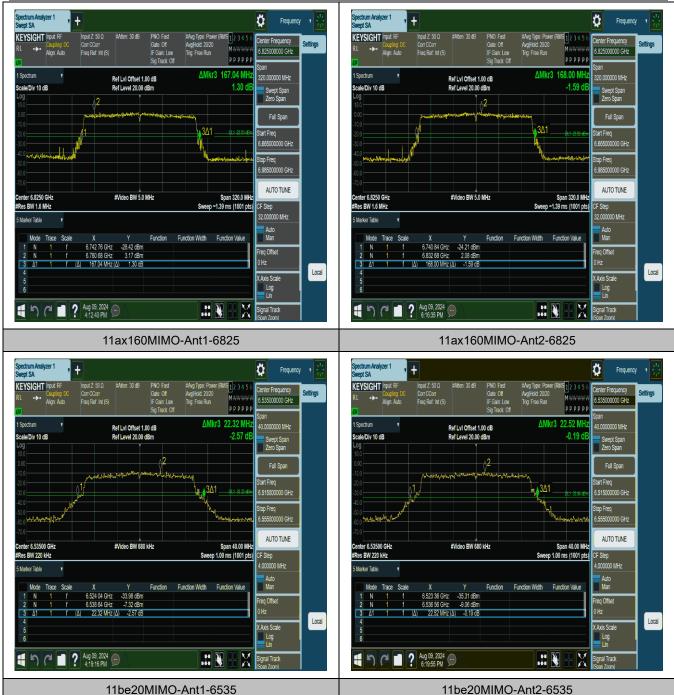




















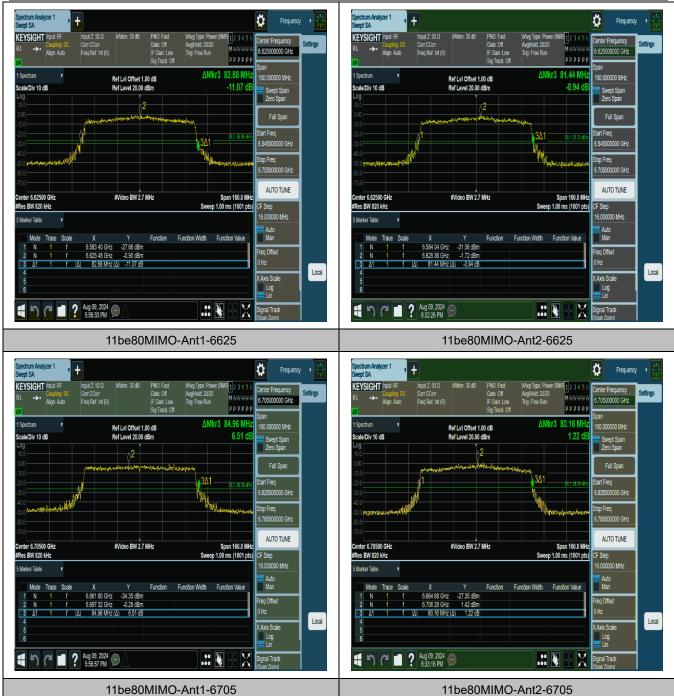




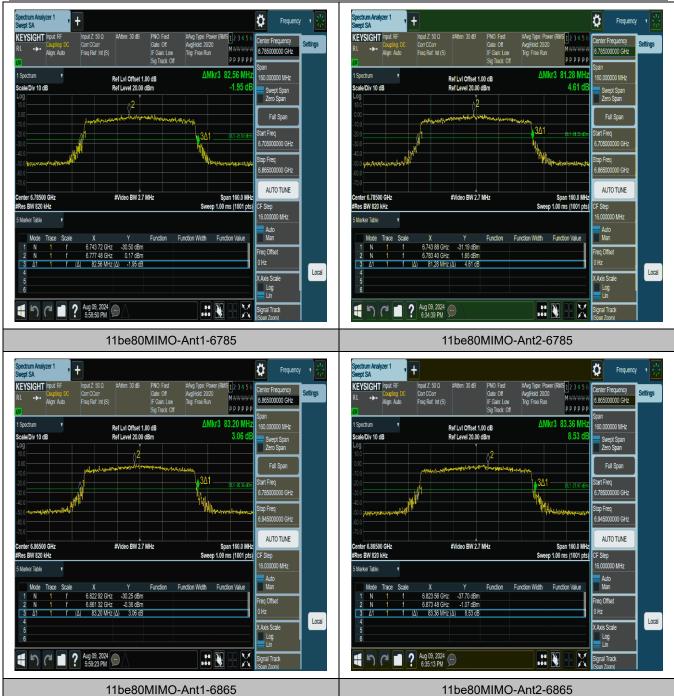


















Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a-CDD	Ant1	6535	16.626	6526.7232	6543.3492	≤320	PASS
11a-CDD	Ant2	6535	16.716	6526.6371	6543.3531	≤320	PASS
11a-CDD	Ant1	6695	16.663	6686.6713	6703.3343	≤320	PASS
11a-CDD	Ant2	6695	16.699	6686.6092	6703.3082	≤320	PASS
11a-CDD	Ant1	6855	16.640	6846.6657	6863.3057	≤320	PASS
11a-CDD	Ant2	6855	16.685	6846.6487	6863.3337	≤320	PASS
11a-CDD	Ant1	6875	16.613	6866.6840	6883.2970	≤320	PASS
11a-CDD	Ant2	6875	16.710	6866.6654	6883.3754	≤320	PASS
11ax20MIMO	Ant1	6535	18.995	6525.4848	6544.4798	≤320	PASS
11ax20MIMO	Ant2	6535	19.032	6525.4547	6544.4867	≤320	PASS
11ax20MIMO	Ant1	6695	18.976	6685.5014	6704.4774	≤320	PASS
11ax20MIMO	Ant2	6695	18.955	6685.4708	6704.4258	≤320	PASS
11ax20MIMO	Ant1	6855	19.006	6845.4937	6864.4997	≤320	PASS
11ax20MIMO	Ant2	6855	18.996	6845.5013	6864.4973	≤320	PASS
11ax20MIMO	Ant1	6875	18.973	6865.4586	6884.4316	≤320	PASS
11ax20MIMO	Ant2	6875	18.956	6865.4971	6884.4531	≤320	PASS
11ax40MIMO	Ant1	6525	37.642	6506.1124	6543.7544	≤320	PASS
11ax40MIMO	Ant2	6525	37.497	6506.1744	6543.6714	≤320	PASS
11ax40MIMO	Ant1	6565	37.683	6546.1111	6583.7941	≤320	PASS
11ax40MIMO	Ant2	6565	37.753	6546.1050	6583.8580	≤320	PASS
11ax40MIMO	Ant1	6685	37.680	6666.0758	6703.7558	≤320	PASS
11ax40MIMO	Ant2	6685	38.035	6665.9404	6703.9754	≤320	PASS
11ax40MIMO	Ant1	6845	37.715	6825.9959	6863.7109	≤320	PASS
11ax40MIMO	Ant2	6845	37.862	6826.0125	6863.8745	≤320	PASS
11ax80MIMO	Ant1	6545	76.869	6506.5290	6583.3980	≤320	PASS
11ax80MIMO	Ant2	6545	76.729	6506.5289	6583.2579	≤320	PASS
11ax80MIMO	Ant1	6625	76.811	6586.5001	6663.3111	≤320	PASS
11ax80MIMO	Ant2	6625	76.517	6586.8430	6663.3600	≤320	PASS
11ax80MIMO	Ant1	6705	76.847	6666.4946	6743.3416	≤320	PASS
11ax80MIMO	Ant2	6705	76.794	6666.4255	6743.2195	≤320	PASS
11ax80MIMO	Ant1	6785	77.051	6746.5920	6823.6430	≤320	PASS
11ax80MIMO	Ant2	6785	76.820	6746.5656	6823.3856	≤320	PASS
11ax80MIMO	Ant1	6865	76.652	6826.6821	6903.3341	≤320	PASS
11ax80MIMO	Ant2	6865	77.056	6826.4489	6903.5049	≤320	PASS
11ax160MIMO	Ant1	6665	157.03	6586.4948	6743.5248	≤320	PASS
11ax160MIMO	Ant2	6665	156.77	6586.6783	6743.4483	≤320	PASS
11ax160MIMO	Ant1	6825	157.06	6746.2026	6903.2626	≤320	PASS
11ax160MIMO	Ant2	6825	157.70	6746.1460	6903.8460	≤320	PASS
11be20MIMO	Ant1	6535	18.978	6525.4573	6544.4353	≤320	PASS

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11be20MIMO	Ant2	6535	19.027	6525.4441	6544.4711	≤320	PASS
11be20MIMO	Ant1	6695	18.913	6685.5015	6704.4145	≤320	PASS
11be20MIMO	Ant2	6695	19.087	6685.4273	6704.5143	≤320	PASS
11be20MIMO	Ant1	6855	19.056	6845.4924	6864.5484	≤320	PASS
11be20MIMO	Ant2	6855	18.872	6845.5420	6864.4140	≤320	PASS
11be20MIMO	Ant1	6875	18.971	6865.4491	6884.4201	≤320	PASS
11be20MIMO	Ant2	6875	19.025	6865.4699	6884.4949	≤320	PASS
11be40MIMO	Ant1	6525	38.078	6505.8873	6543.9653	≤320	PASS
11be40MIMO	Ant2	6525	37.595	6506.0605	6543.6555	≤320	PASS
11be40MIMO	Ant1	6565	37.684	6546.1289	6583.8129	≤320	PASS
11be40MIMO	Ant2	6565	37.616	6546.1271	6583.7431	≤320	PASS
11be40MIMO	Ant1	6685	37.780	6666.0546	6703.8346	≤320	PASS
11be40MIMO	Ant2	6685	37.784	6666.0731	6703.8571	≤320	PASS
11be40MIMO	Ant1	6845	37.750	6826.0167	6863.7667	≤320	PASS
11be40MIMO	Ant2	6845	37.744	6826.0690	6863.8130	≤320	PASS
11be80MIMO	Ant1	6545	76.820	6506.5221	6583.3421	≤320	PASS
11be80MIMO	Ant2	6545	76.579	6506.6056	6583.1846	≤320	PASS
11be80MIMO	Ant1	6625	76.793	6586.6144	6663.4074	≤320	PASS
11be80MIMO	Ant2	6625	76.980	6586.4534	6663.4334	≤320	PASS
11be80MIMO	Ant1	6705	77.822	6666.0145	6743.8365	≤320	PASS
11be80MIMO	Ant2	6705	76.890	6666.5169	6743.4069	≤320	PASS
11be80MIMO	Ant1	6785	76.927	6746.5448	6823.4718	≤320	PASS
11be80MIMO	Ant2	6785	77.046	6746.5134	6823.5594	≤320	PASS
11be80MIMO	Ant1	6865	76.773	6826.7100	6903.4830	≤320	PASS
11be80MIMO	Ant2	6865	77.035	6826.7122	6903.7472	≤320	PASS
11be160MIMO	Ant1	6665	157.16	6586.1441	6743.3041	≤320	PASS
11be160MIMO	Ant2	6665	156.85	6586.5938	6743.4438	≤320	PASS
11be160MIMO	Ant1	6825	157.15	6746.2054	6903.3554	≤320	PASS
11be160MIMO	Ant2	6825	157.40	6746.3138	6903.7138	≤320	PASS





Test Graphs









11a-CDD-Ant2-6855-PASS

Ö Input Z: 50 Q Corr CCorr Freq Ref: Int (S) KEYSIGHT Input RF → Align: Auto 6.875000000 GHz Mkr1 6.8731600 Ref Lvl Offset 1.00 dB Ref Value 20.00 dBm -3.14 dBi Auto Man Span 40 MHz Sweep 1.00 ms (1001 pts) #Video RW 1 3000 MHz tes BW 430.00 kHz Occupied Bandwidth 16.613 MHz Total Power 7.51 dBm -9.467 kHz 20.27 MHz % of OBW Power x dB 99.00 % -26.00 dB Local

11a-CDD-Ant1-6875-PASS

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11ax20MIMO-Ant1-6535-PASS



11ax20MIMO-Ant2-6535-PASS









11ax20MIMO-Ant1-6855-PASS



11ax20MIMO-Ant2-6855-PASS









11ax40MIMO-Ant1-6525-PASS



11ax40MIMO-Ant2-6525-PASS









11ax40MIMO-Ant1-6685-PASS



11ax40MIMO-Ant2-6685-PASS









11ax80MIMO-Ant1-6545-PASS



11ax80MIMO-Ant2-6545-PASS









11ax80MIMO-Ant1-6705-PASS



11ax80MIMO-Ant2-6705-PASS









11ax80MIMO-Ant1-6865-PASS



11ax80MIMO-Ant2-6865-PASS









11ax160MIMO-Ant1-6825-PASS



11ax160MIMO-Ant2-6825-PASS









11be20MIMO-Ant1-6695-PASS



11be20MIMO-Ant2-6695-PASS









11be20MIMO-Ant1-6875-PASS



11be20MIMO-Ant2-6875-PASS









11be40MIMO-Ant1-6565-PASS



11be40MIMO-Ant2-6565-PASS









11be40MIMO-Ant1-6845-PASS



11be40MIMO-Ant2-6845-PASS









11be80MIMO-Ant1-6625-PASS



11be80MIMO-Ant2-6625-PASS









11be80MIMO-Ant1-6785-PASS



11be80MIMO-Ant2-6785-PASS









11be160MIMO-Ant1-6665-PASS



11be160MIMO-Ant2-6665-PASS



11be160MIMO-Ant1-6825-PASS

11be160MIMO-Ant2-6825-PASS



Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission	Transmission	Duty	Limit	Verdict
		1 71 1	Duration [ms]	Period [ms]	Cycle [%]		
11a-CDD	Ant1	6535	2.10	2.12	99.06		
11a-CDD	Ant2	6535	2.09	2.11	99.05		
11a-CDD	Ant1	6695	2.09	2.11	99.05		
11a-CDD	Ant2	6695	2.09	2.11	99.05		
11a-CDD	Ant1	6855	2.10	2.12	99.06		
11a-CDD	Ant2	6855	2.10	2.11	99.53		
11a-CDD	Ant1	6875	2.10	2.12	99.06		
11a-CDD	Ant2	6875	2.09	2.11	99.05		
11ax20MIMO	Ant1	6535	5.35	5.36	99.81		
11ax20MIMO	Ant2	6535	5.34	5.36	99.63		
11ax20MIMO	Ant1	6695	5.34	5.36	99.63		
11ax20MIMO	Ant2	6695	5.35	5.37	99.63		
11ax20MIMO	Ant1	6855	5.35	5.37	99.63		
11ax20MIMO	Ant2	6855	5.34	5.36	99.63		
11ax20MIMO	Ant1	6875	5.34	5.36	99.63		
11ax20MIMO	Ant2	6875	5.35	5.37	99.63		
11ax40MIMO	Ant1	6525	5.37	5.39	99.63		
11ax40MIMO	Ant2	6525	5.37	5.39	99.63		
11ax40MIMO	Ant1	6565	5.37	5.39	99.63		
11ax40MIMO	Ant2	6565	5.37	5.39	99.63		
11ax40MIMO	Ant1	6685	5.37	5.39	99.63		
11ax40MIMO	Ant2	6685	5.38	5.39	99.81		
11ax40MIMO	Ant1	6845	5.37	5.39	99.63		
11ax40MIMO	Ant2	6845	5.38	5.39	99.81		
11ax80MIMO	Ant1	6545	5.40	5.42	99.63		
11ax80MIMO	Ant2	6545	5.40	5.42	99.63		
11ax80MIMO	Ant1	6625	5.40	5.42	99.63		
11ax80MIMO	Ant2	6625	5.40	5.42	99.63		
11ax80MIMO	Ant1	6705	5.40	5.42	99.63		
11ax80MIMO	Ant2	6705	5.40	5.42	99.63		
11ax80MIMO	Ant1	6785	5.40	5.42	99.63		
11ax80MIMO	Ant2	6785	5.40	5.42	99.63		
11ax80MIMO	Ant1	6865	5.40	5.42	99.63		
11ax80MIMO	Ant2	6865	5.40	5.42	99.63		
11ax160MIMO	Ant1	6665	5.04	5.06	99.60		
11ax160MIMO	Ant2	6665	5.04	5.06	99.60		
11ax160MIMO	Ant1	6825	5.04	5.06	99.60		
11ax160MIMO	Ant2	6825	5.03	5.05	99.60		
11be20MIMO	Ant1	6535	5.35	5.37	99.63		

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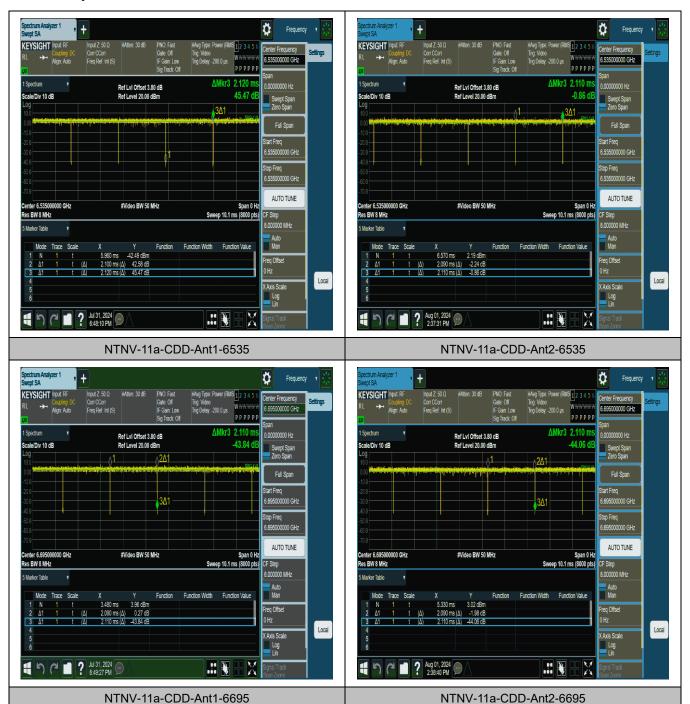
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				Nepc	JILINO IC	VVA24030	010103
11be20MIMO	Ant2	6535	5.36	5.38	99.63		
11be20MIMO	Ant1	6695	5.35	5.37	99.63		
11be20MIMO	Ant2	6695	5.36	5.38	99.63		
11be20MIMO	Ant1	6855	5.35	5.37	99.63		
11be20MIMO	Ant2	6855	5.35	5.37	99.63		
11be20MIMO	Ant1	6875	5.36	5.38	99.63		
11be20MIMO	Ant2	6875	5.35	5.37	99.63		
11be40MIMO	Ant1	6525	5.38	5.40	99.63		
11be40MIMO	Ant2	6525	5.39	5.40	99.81		
11be40MIMO	Ant1	6565	5.38	5.40	99.63		
11be40MIMO	Ant2	6565	5.38	5.40	99.63		
11be40MIMO	Ant1	6685	5.38	5.40	99.63		
11be40MIMO	Ant2	6685	5.39	5.40	99.81		
11be40MIMO	Ant1	6845	5.38	5.40	99.63		
11be40MIMO	Ant2	6845	5.38	5.40	99.63		
11be80MIMO	Ant1	6545	5.40	5.42	99.63		
11be80MIMO	Ant2	6545	5.40	5.42	99.63		
11be80MIMO	Ant1	6625	5.41	5.43	99.63		
11be80MIMO	Ant2	6625	5.41	5.43	99.63		
11be80MIMO	Ant1	6705	5.41	5.43	99.63		
11be80MIMO	Ant2	6705	5.41	5.42	99.82		
11be80MIMO	Ant1	6785	5.41	5.43	99.63		
11be80MIMO	Ant2	6785	5.40	5.42	99.63		
11be80MIMO	Ant1	6865	5.41	5.43	99.63		
11be80MIMO	Ant2	6865	5.41	5.43	99.63		
11be160MIMO	Ant1	6665	5.04	5.06	99.60		
11be160MIMO	Ant2	6665	5.04	5.06	99.60		
11be160MIMO	Ant1	6825	5.04	5.06	99.60		
11be160MIMO	Ant2	6825	5.04	5.06	99.60		





Test Graphs



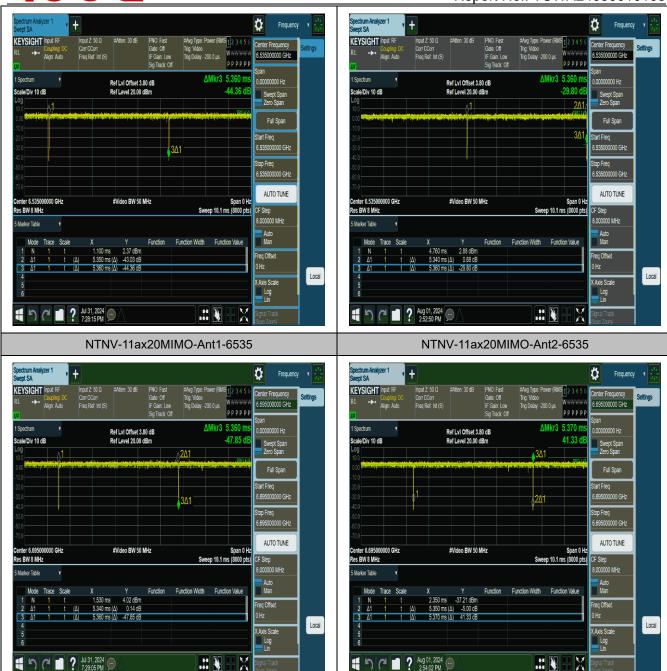




NTNV-11a-CDD-Ant1-6875

NTNV-11a-CDD-Ant2-6875





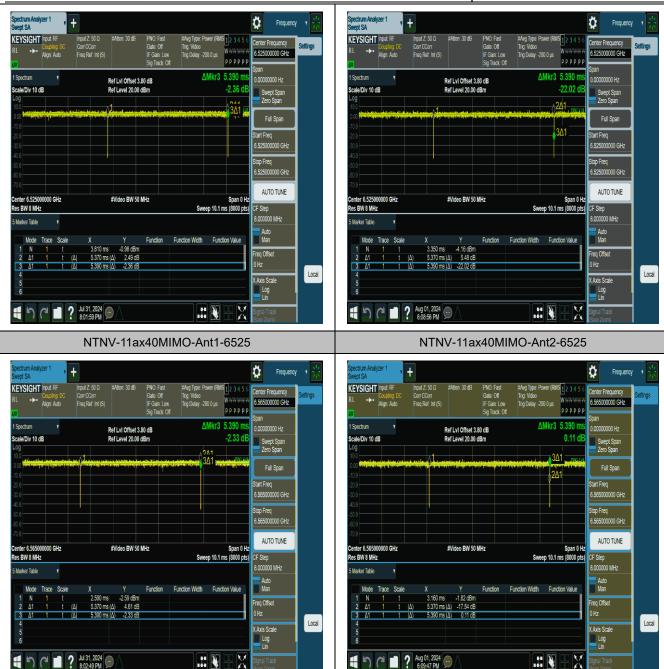
NTNV-11ax20MIMO-Ant1-6695

NTNV-11ax20MIMO-Ant2-6695









NTNV-11ax40MIMO-Ant1-6565

NTNV-11ax40MIMO-Ant2-6565





NTNV-11ax40MIMO-Ant1-6845

NTNV-11ax40MIMO-Ant2-6845





NTNV-11ax80MIMO-Ant1-6625

NTNV-11ax80MIMO-Ant2-6625