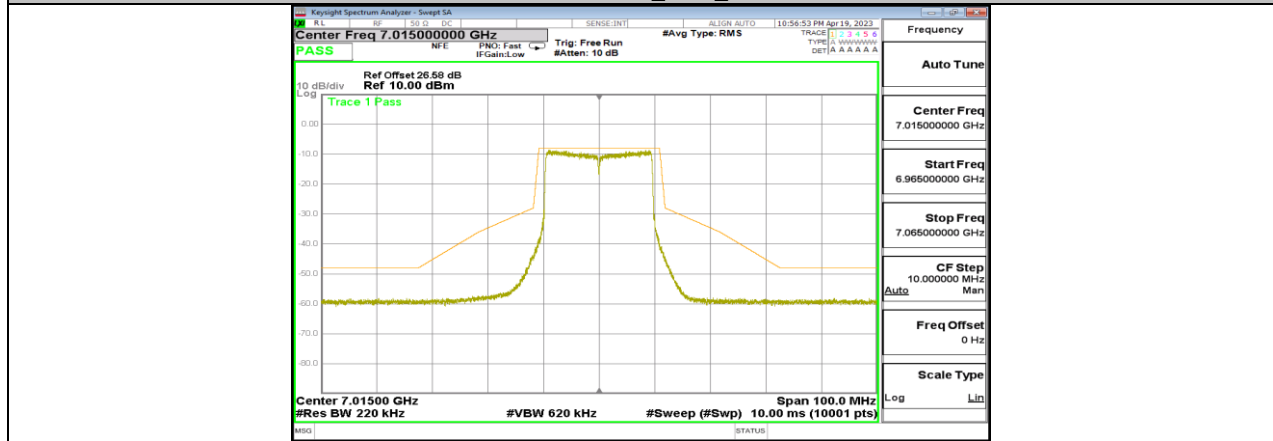
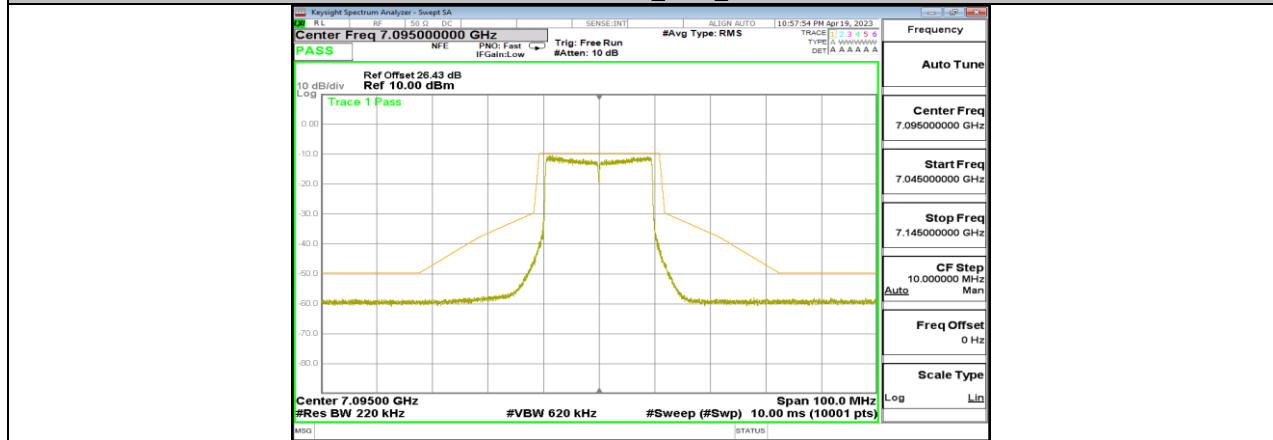


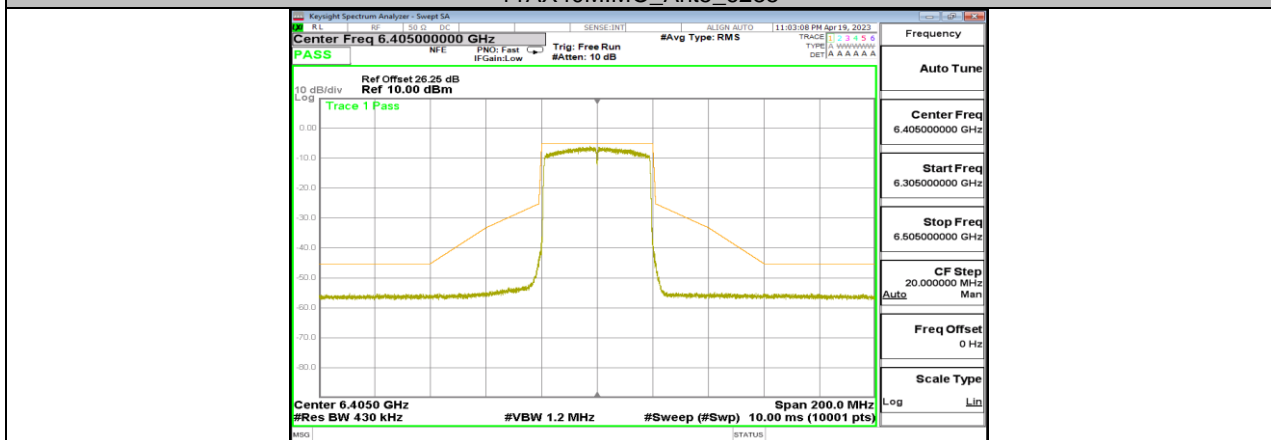
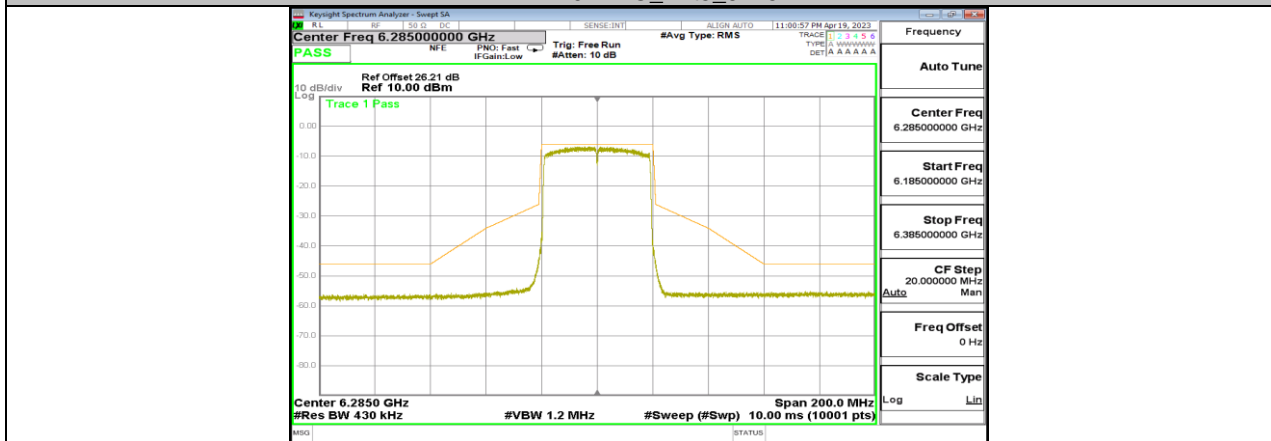
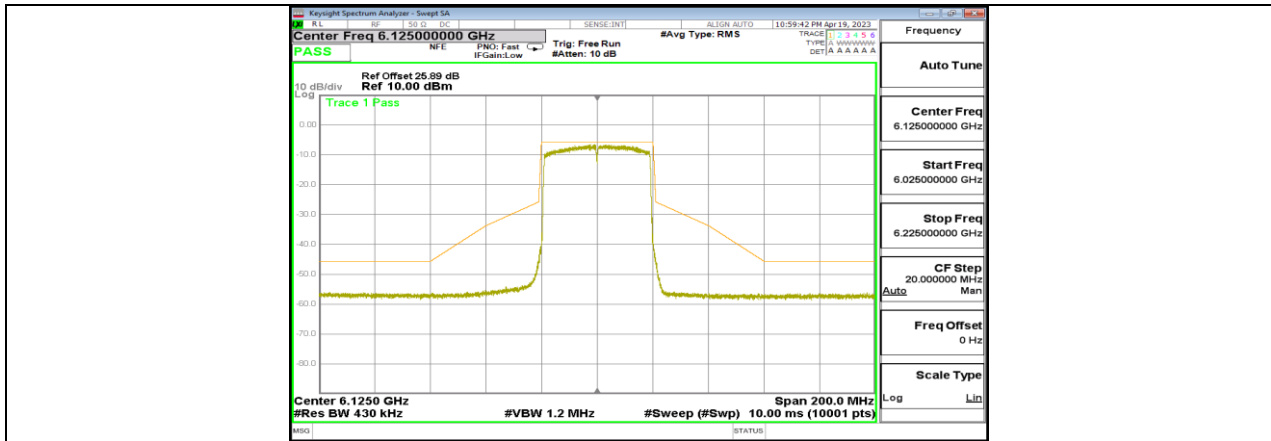
11AX20MIMO_Ant5_6895

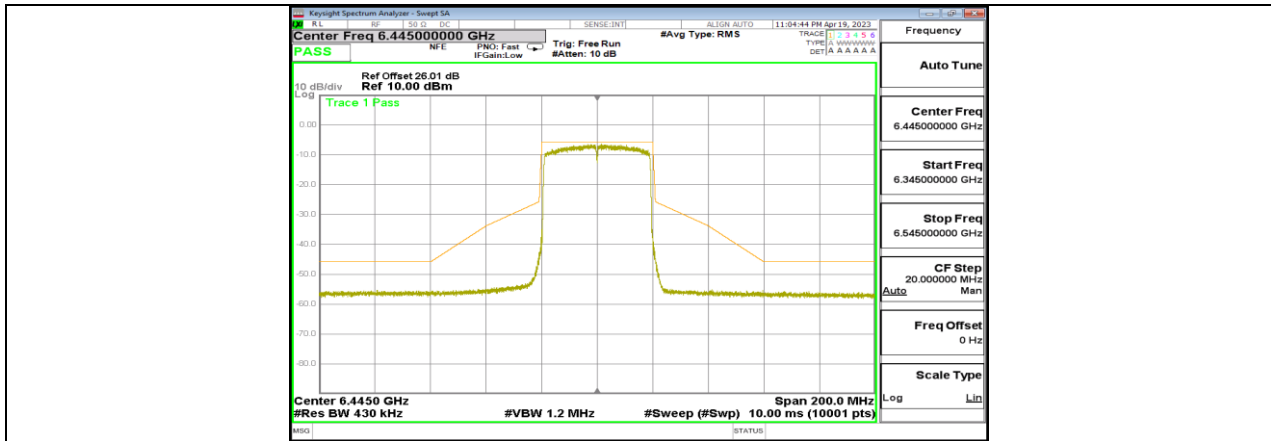


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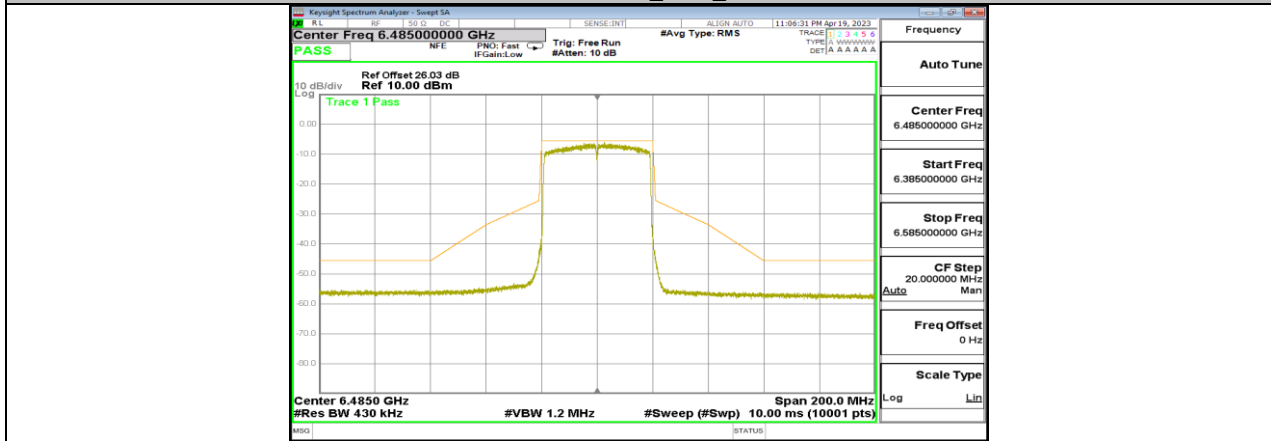


11AX20MIMO_Ant5_7095

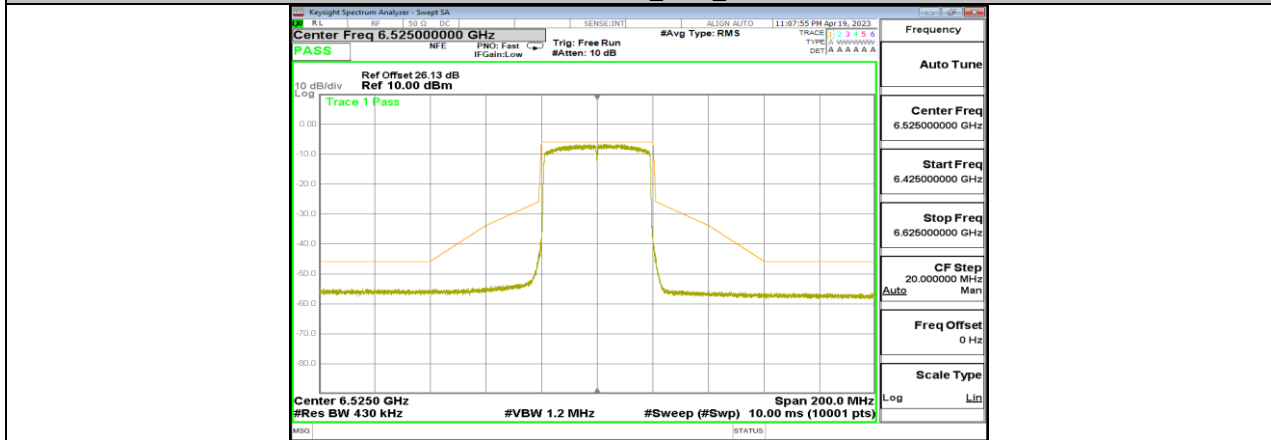




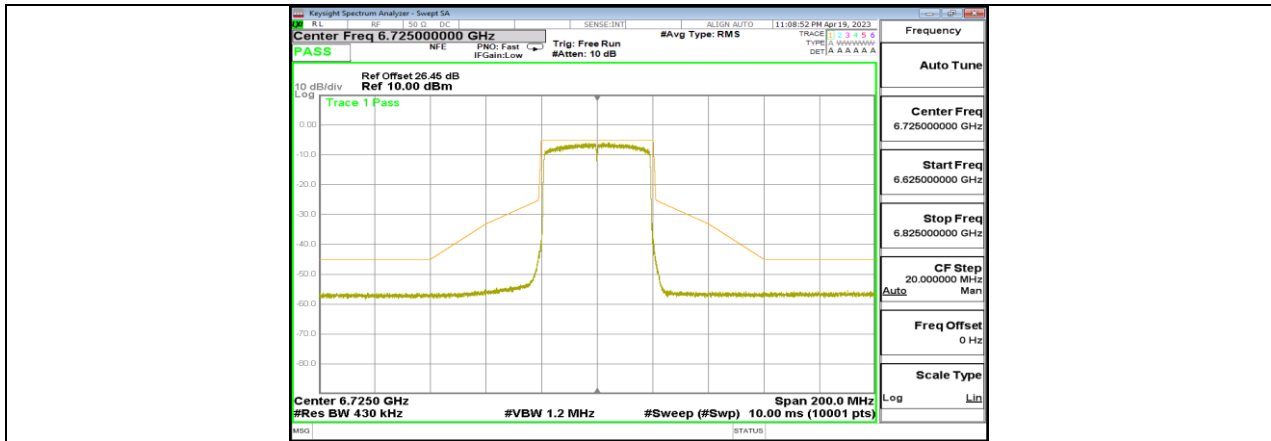
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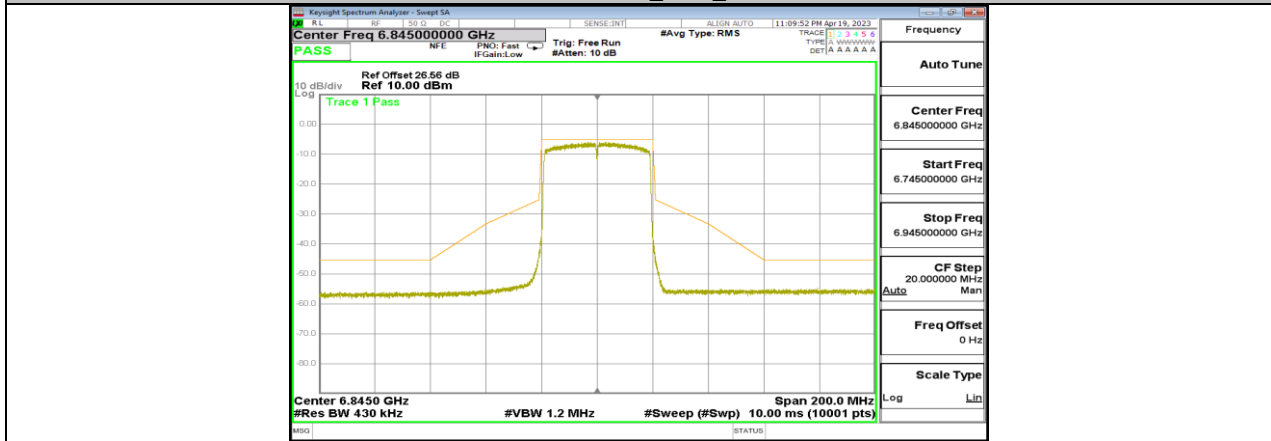
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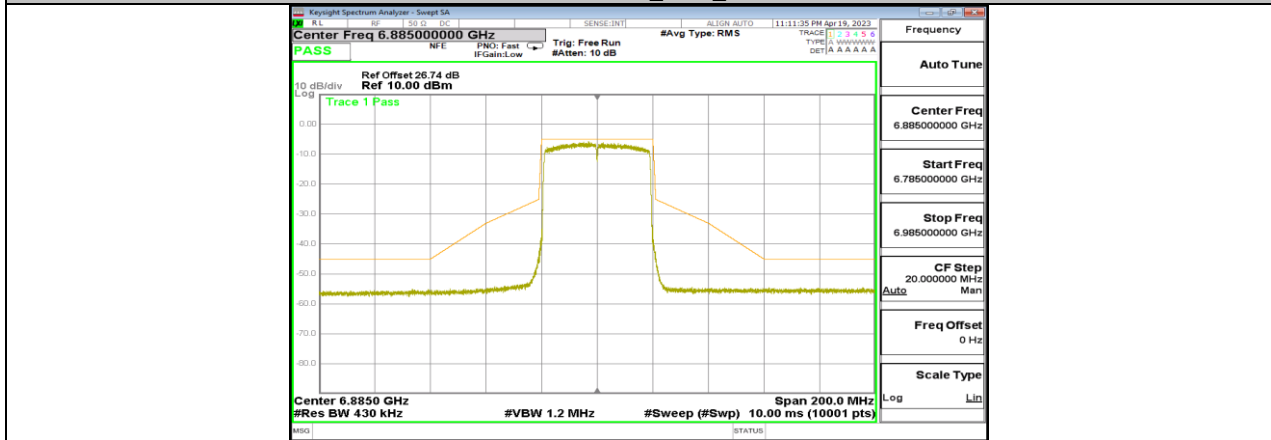
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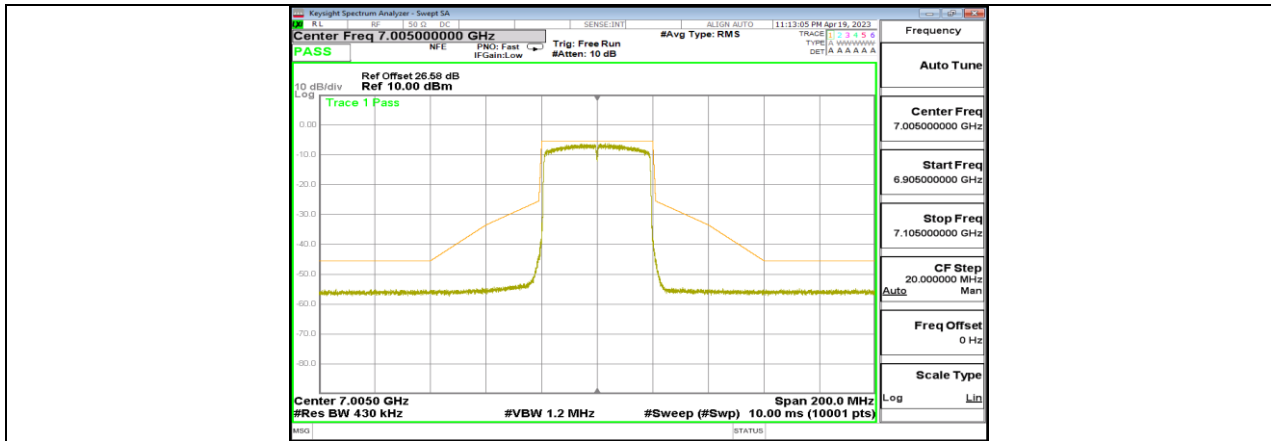
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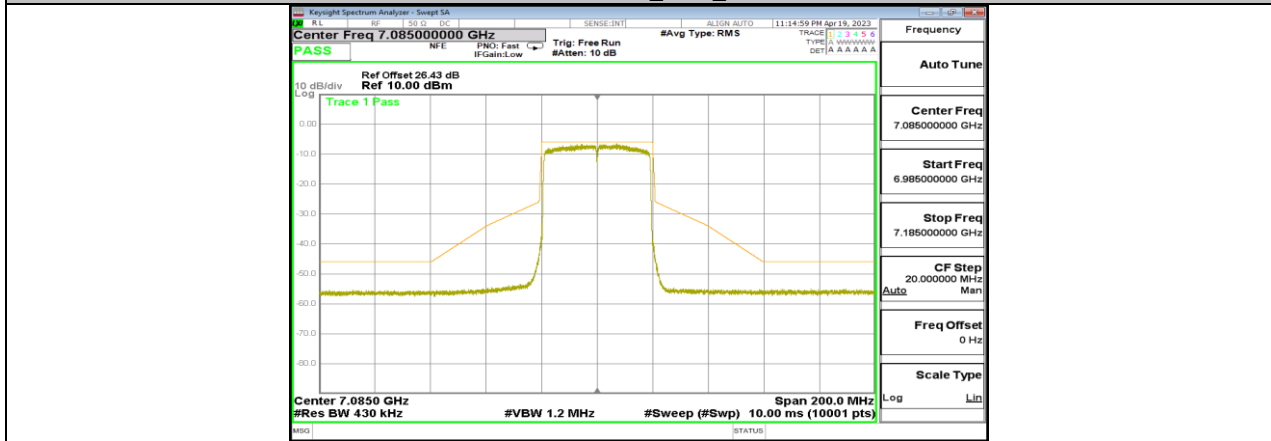
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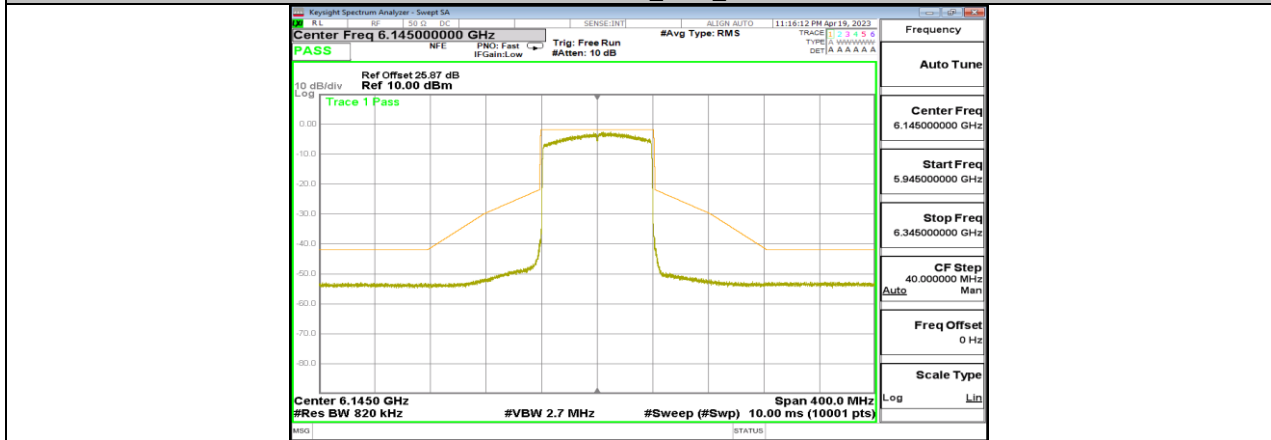
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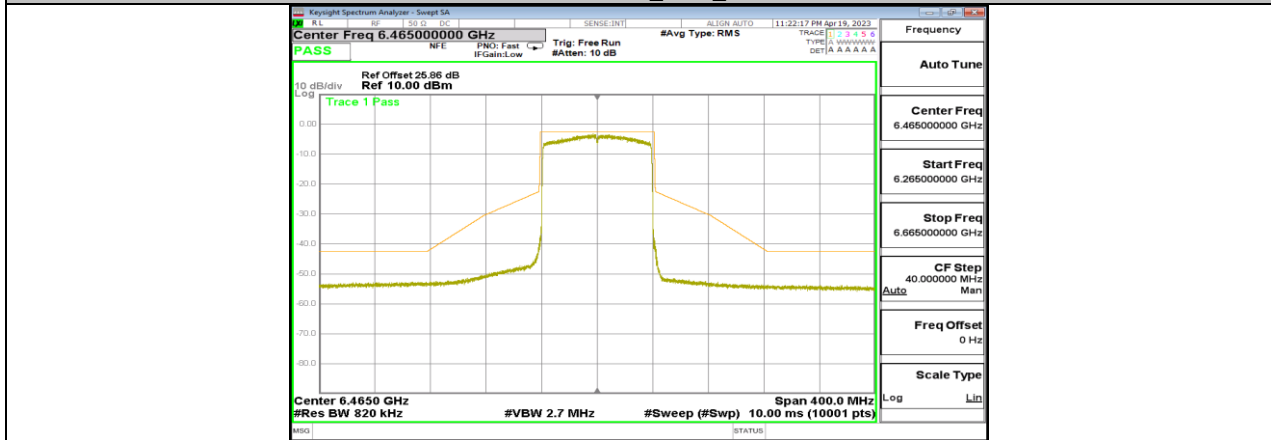
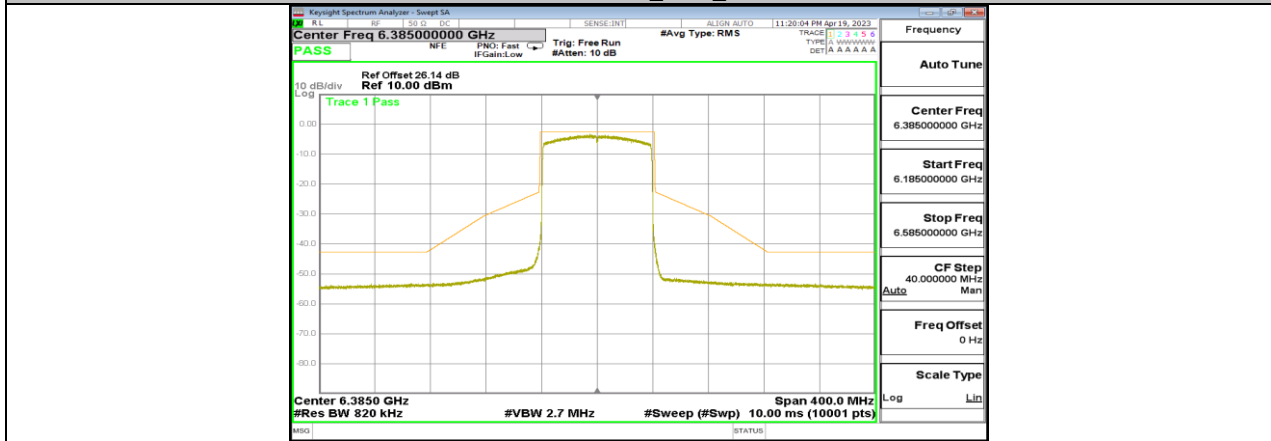
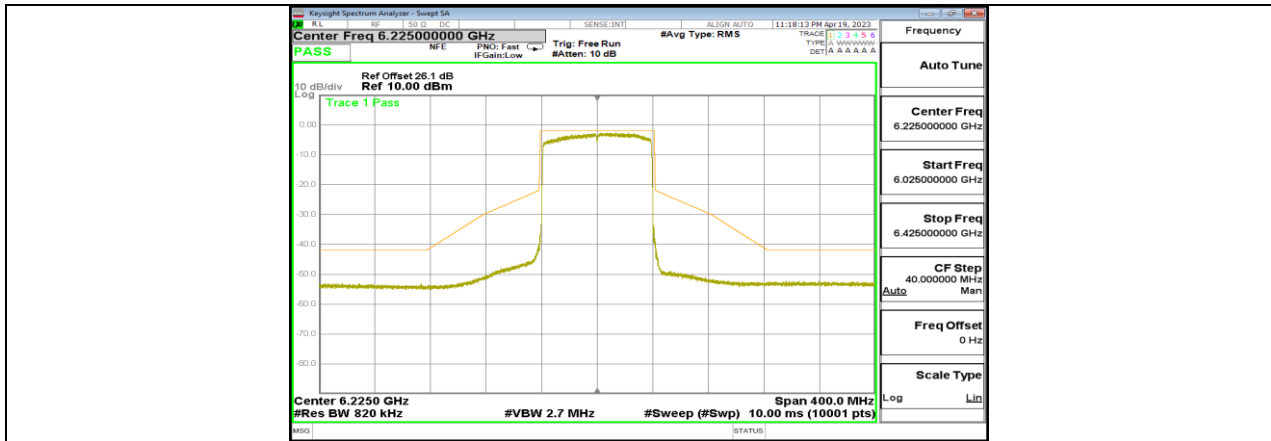
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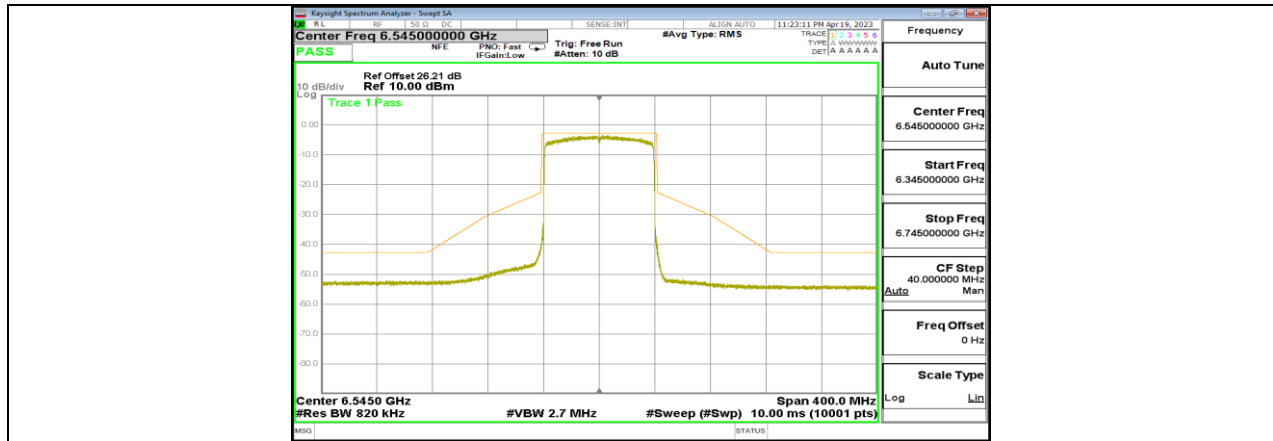


11AX40MIMO_Ant5_7085

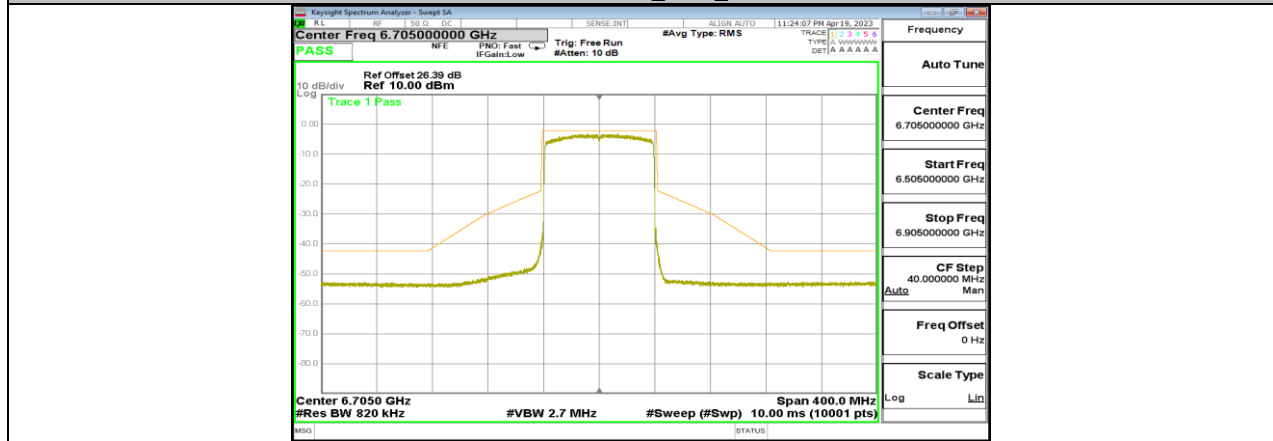


11AX80MIMO_Ant5_6145

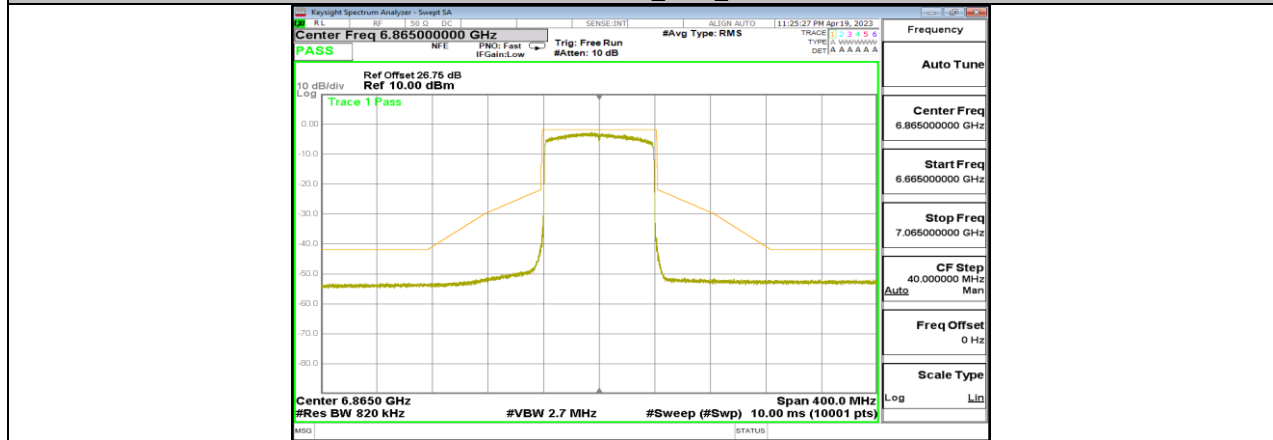




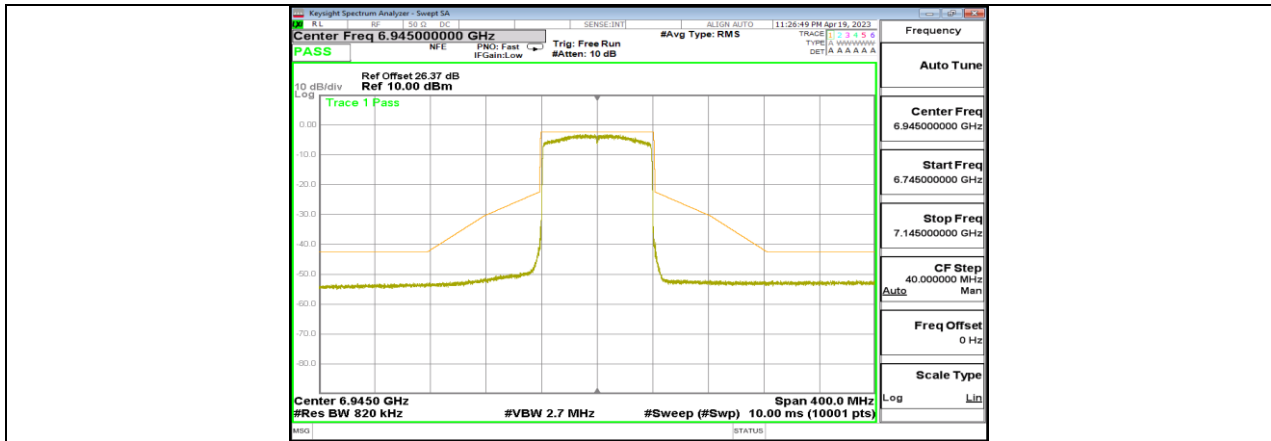
11AX80MIMO_Ant5_6545



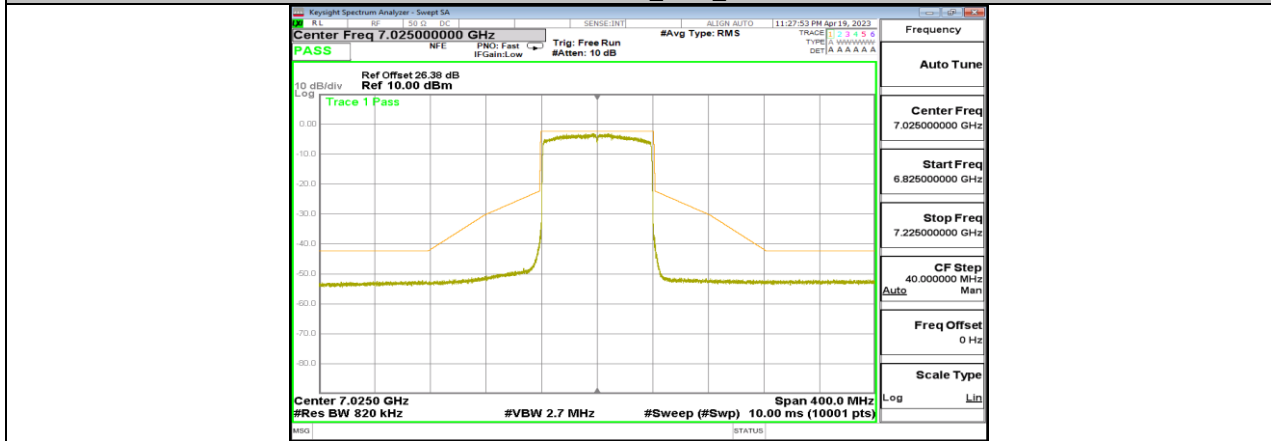
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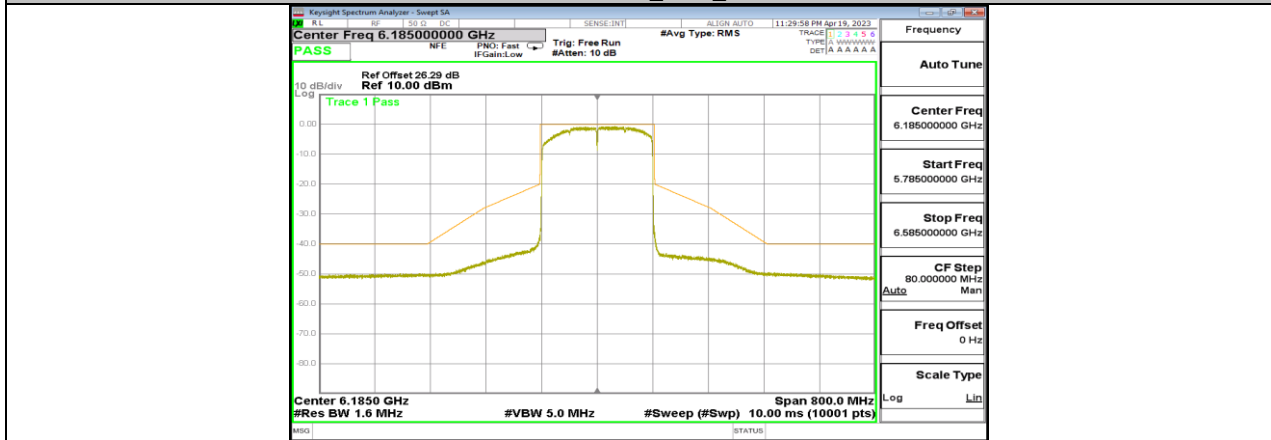
11AX80MIMO_Ant5_6865



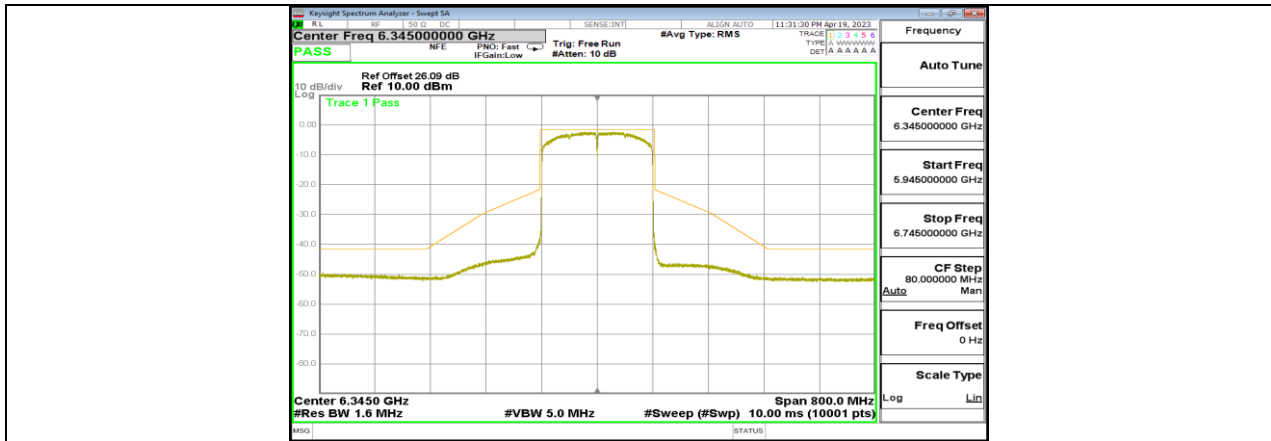
11AX80MIMO_Ant5_6945



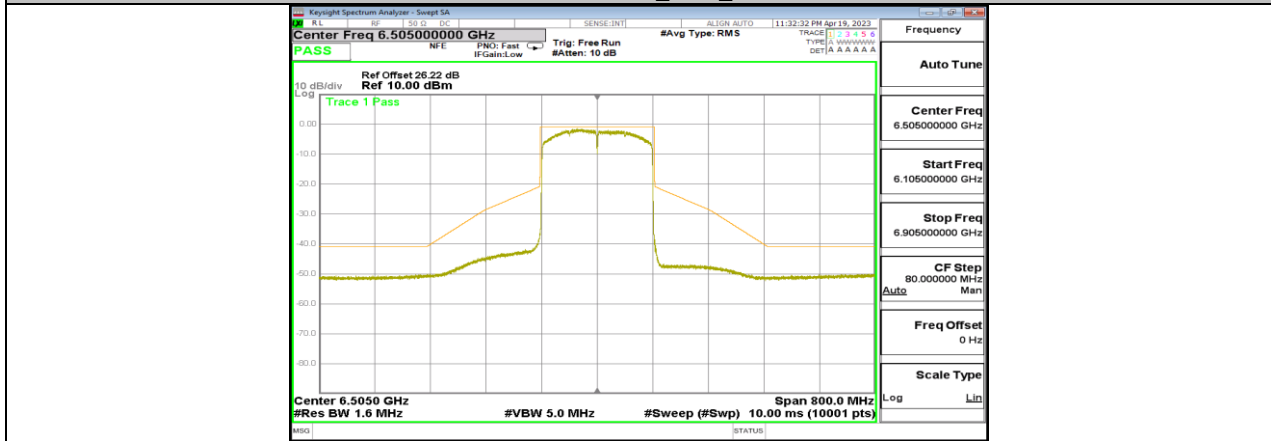
11AX80MIMO_Ant5_7025



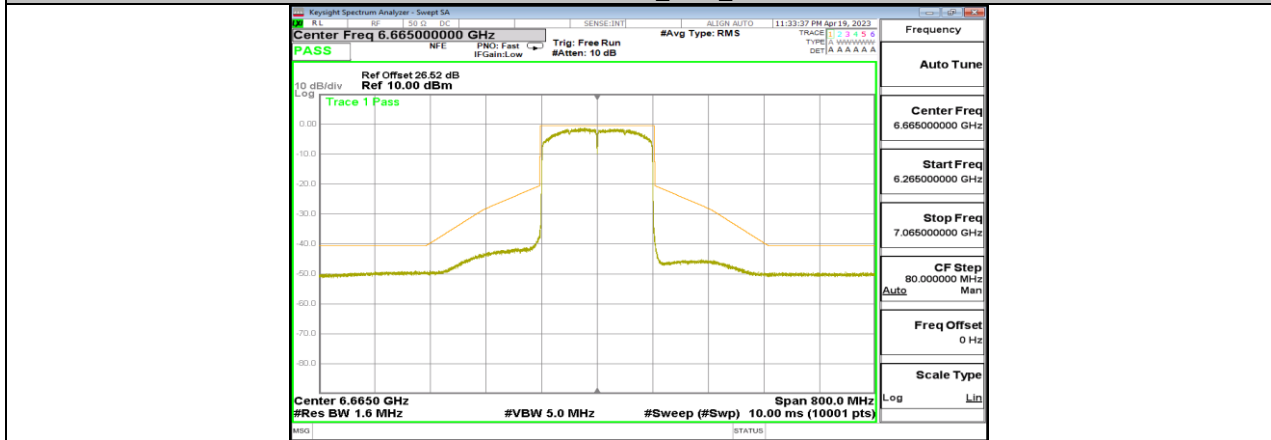
11AX160MIMO_Ant5_6185



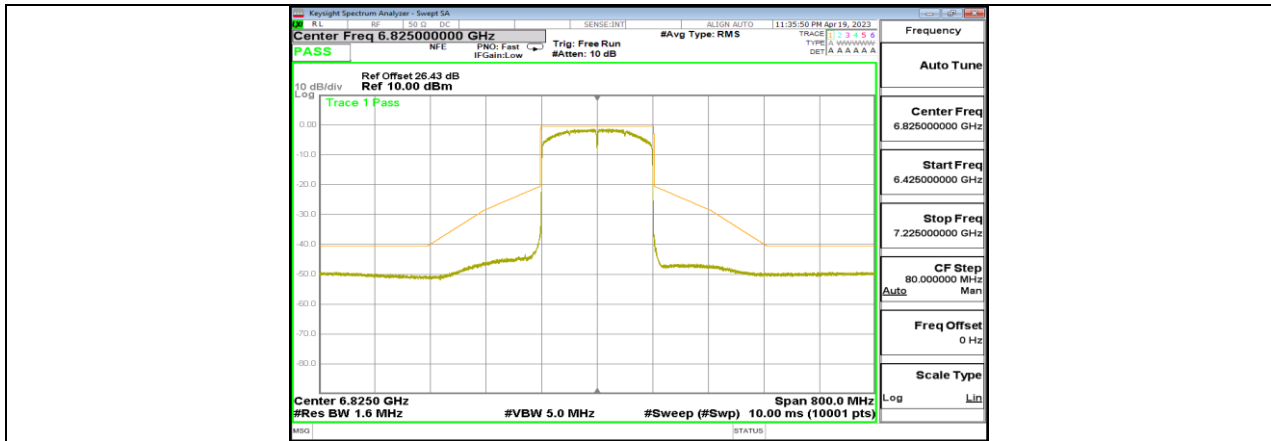
11AX160MIMO_Ant5_6345



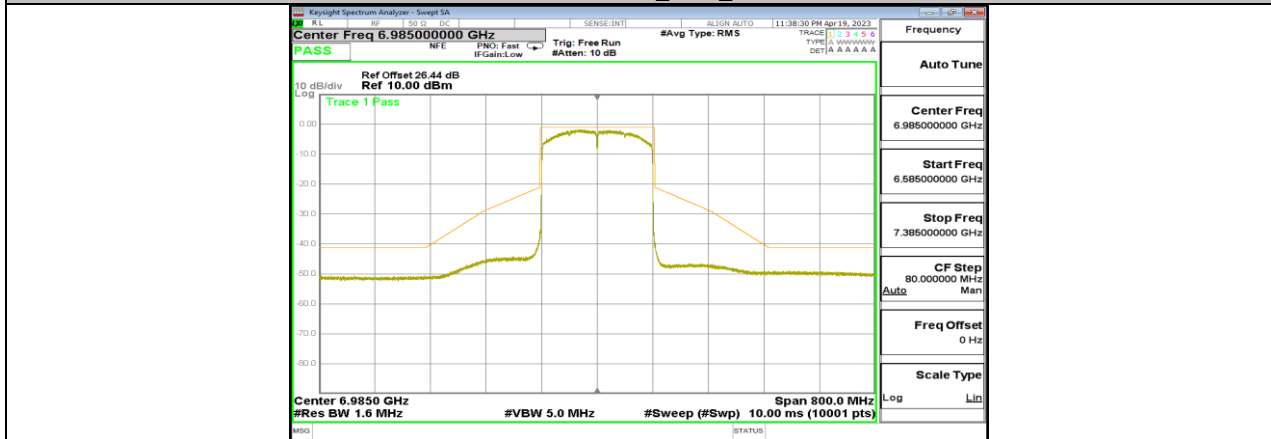
11AX160MIMO_Ant5_6505



11AX160MIMO_Ant5_6665



11AX160MIMO_Ant5_6825



11AX160MIMO_Ant5_6985

11.7. APPENDIX G: CONTENTION BASED PROTOCOL

Test Mode	Antenna	EUT	AWGN	Injected	Minimum	Path Loss	Adjusted Power Result	Limit	UT Tx Status	
		Frequency	Frequency	AWGN Power	Antenna Gain					
11AX20 MIMO	Ant5	6115	6115	-70.94	1.06	2	-70.00	-62	ON	
				-68.44	1.06	2	-67.50	-62	Minimal	
				-63.24	1.06	2	-62.30	-62	OFF	
		6435	6435	-70.94	1.06	2	-70.00	-62	ON	
				-67.44	1.06	2	-66.50	-62	Minimal	
				-63.31	1.06	2	-62.37	-62	OFF	
		6535	6535	-70.94	1.06	2	-70.00	-62	ON	
				-65.44	1.06	2	-64.50	-62	Minimal	
				-63.18	1.06	2	-62.24	-62	OFF	
		6895	6895	-70.94	1.06	2	-70.00	-62	ON	
				-67.74	1.06	2	-66.80	-62	Minimal	
				-63.20	1.06	2	-62.26	-62	OFF	
11AX160 MIMO	Ant5	6185	6110	-70.94	1.06	2	-70.00	-62	ON	
				-66.44	1.06	2	-65.50	-62	Minimal	
				-63.14	1.06	2	-62.20	-62	OFF	
			6185	6185	-70.94	1.06	2	-70.00	-62	ON
					-66.44	1.06	2	-65.50	-62	Minimal
					-63.39	1.06	2	-62.45	-62	OFF
		6260	6260	-70.94	1.06	2	-70.00	-62	ON	
				-67.44	1.06	2	-66.50	-62	Minimal	
				-63.35	1.06	2	-62.41	-62	OFF	
		6505	6430	-70.94	1.06	2	-70.00	-62	ON	
				-65.44	1.06	2	-64.50	-62	Minimal	
				-63.42	1.06	2	-62.48	-62	OFF	
			6505	6505	-70.94	1.06	2	-70.00	-62	ON
					-67.44	1.06	2	-66.50	-62	Minimal
					-63.33	1.06	2	-62.39	-62	OFF
		6580	6580	-70.94	1.06	2	-70.00	-62	ON	
				-67.49	1.06	2	-66.55	-62	Minimal	
				-63.25	1.06	2	-62.31	-62	OFF	
		6665	6590	-70.94	1.06	2	-70.00	-62	ON	
				-67.44	1.06	2	-66.50	-62	Minimal	
				-63.13	1.06	2	-62.19	-62	OFF	
			6665	6665	-70.94	1.06	2	-70.00	-62	ON
					-66.94	1.06	2	-66.00	-62	Minimal
					-63.32	1.06	2	-62.38	-62	OFF
6740	6740		-70.94	1.06	2	-70.00	-62	ON		
			-67.44	1.06	2	-66.50	-62	Minimal		

		6985	6910	-63.19	1.06	2	-62.25	-62	OFF
				-70.94	1.06	2	-70.00	-62	ON
				-67.44	1.06	2	-66.50	-62	Minimal
			6985	-70.94	1.06	2	-70.00	-62	ON
				-68.44	1.06	2	-67.50	-62	Minimal
				-63.21	1.06	2	-62.27	-62	OFF
			7060	-70.94	1.06	2	-70.00	-62	ON
				-66.44	1.06	2	-65.50	-62	Minimal
				-63.19	1.06	2	-62.25	-62	OFF

Note 1: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 2: Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Test Mode	Antenna	EUT Frequency [MHz]	AWGN Interference Frequency [MHz]		Test Number [n]	Number Detected [n]	Result [%]	Limit [%]	Verdict	
11AX20MIMO	Ant5	6115	Center	6115	10	10	100	90	PASS	
		6455	Center	6455	10	10	100	90	PASS	
		6615	Center	6615	10	10	100	90	PASS	
		6895	Center	6895	10	10	100	90	PASS	
11AX160MIMO	Ant5	6185	High	6105	10	10	100	90	PASS	
			Center	6185	10	10	100	90	PASS	
			Low	6260	10	10	100	90	PASS	
		6505	High	6430	10	10	100	90	PASS	
			Center	6505	10	10	100	90	PASS	
			Low	6580	10	10	100	90	PASS	
		6665	High	6590	10	10	100	90	PASS	
			Center	6665	10	10	100	90	PASS	
			Low	6740	10	10	100	90	PASS	
		6985	High	6910	10	10	100	90	90	PASS
			Center	6985	10	10	100	90	90	PASS
			Low	7060	10	10	100	90	90	PASS

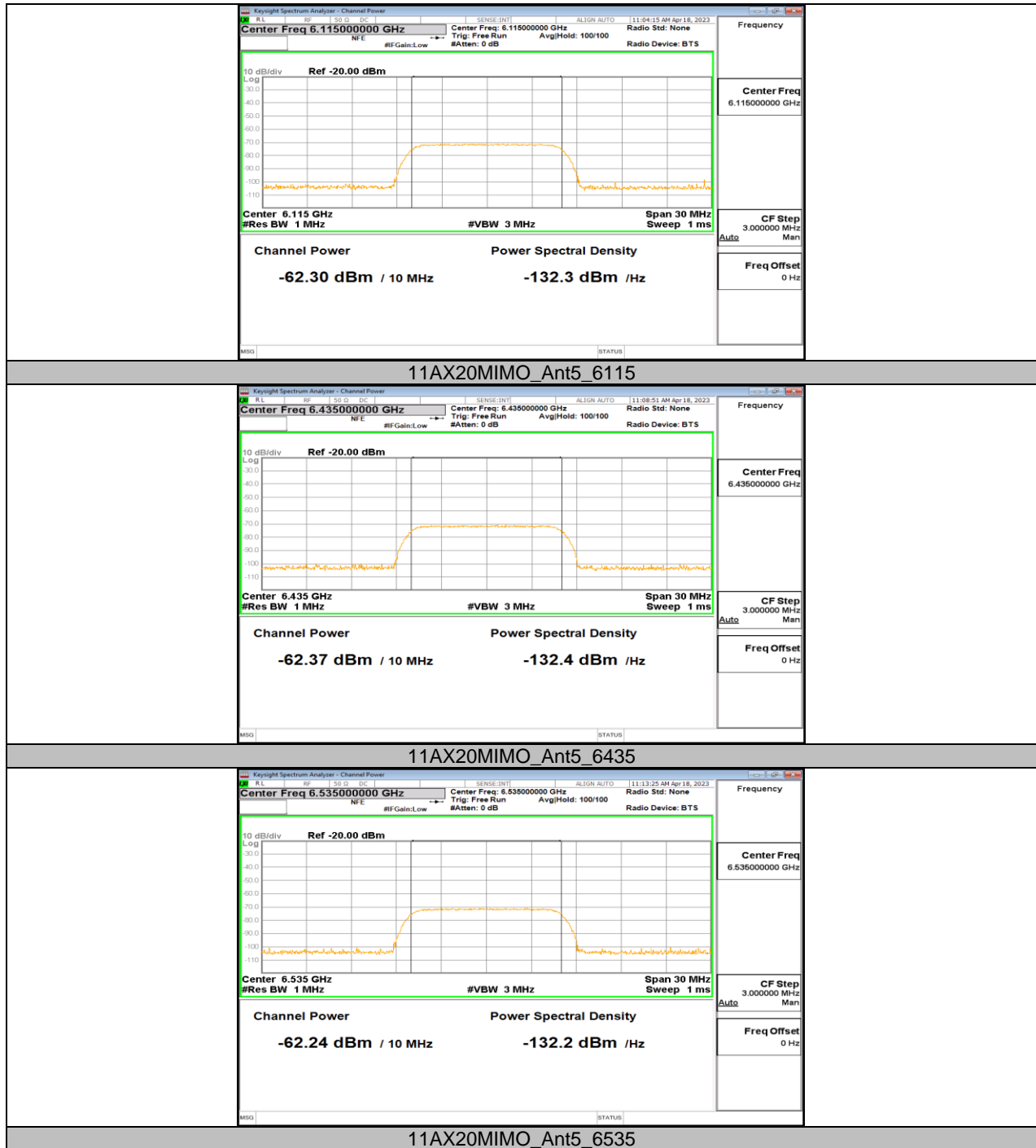
PASS

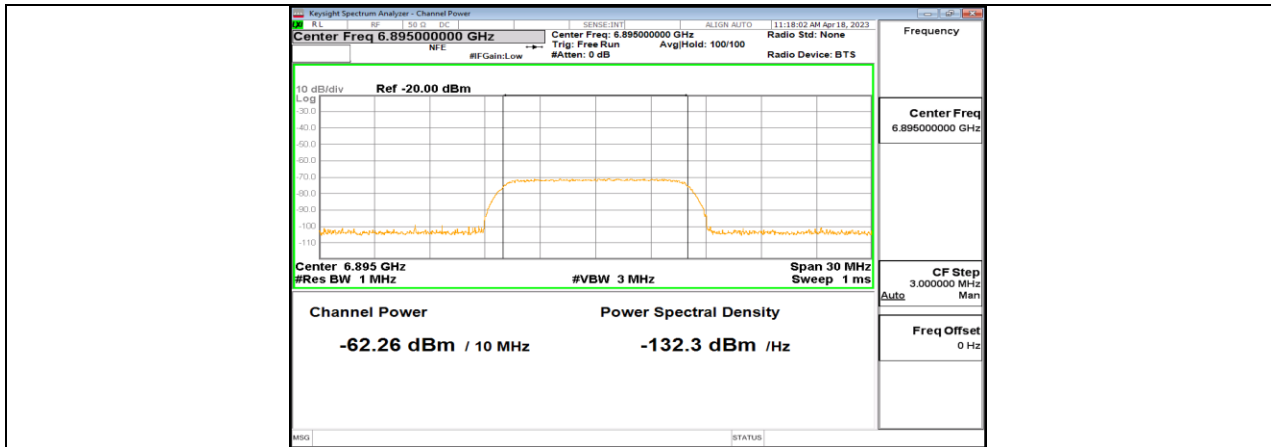
Test Mode	Antenna	Frequency[MHz]	Interference Frequency [MHz]	Test Time	Is Detected	Verdict
11AX20MIMO	Ant5	6115	Center 6115	1	Yes	PASS
			Center 6115	2	Yes	PASS
			Center 6115	3	Yes	PASS
			Center 6115	4	Yes	PASS
			Center 6115	5	Yes	PASS
			Center 6115	6	Yes	PASS
			Center 6115	7	Yes	PASS
			Center 6115	8	Yes	PASS
			Center 6115	9	Yes	PASS
			Center 6115	10	Yes	PASS
		6455	Center 6455	1	Yes	PASS
			Center 6455	2	No	PASS
			Center 6455	3	Yes	PASS
			Center 6455	4	Yes	PASS
			Center 6455	5	Yes	PASS
			Center 6455	6	Yes	PASS
			Center 6455	7	Yes	PASS
			Center 6455	8	Yes	PASS
			Center 6455	9	Yes	PASS
			Center 6455	10	Yes	PASS
		6615	Center 6615	1	Yes	PASS
			Center 6615	2	Yes	PASS
			Center 6615	3	Yes	PASS
			Center 6615	4	Yes	PASS
			Center 6615	5	Yes	PASS
			Center 6615	6	Yes	PASS
			Center 6615	7	Yes	PASS
			Center 6615	8	Yes	PASS
			Center 6615	9	Yes	PASS
			Center 6615	10	Yes	PASS
		6895	Center 6895	1	No	PASS
			Center 6895	2	Yes	PASS
			Center 6895	3	Yes	PASS
			Center 6895	4	Yes	PASS
			Center 6895	5	Yes	PASS
			Center 6895	6	Yes	PASS
			Center 6895	7	Yes	PASS
			Center 6895	8	Yes	PASS
Center 6895	9		Yes	PASS		
Center 6895	10		Yes	PASS		
11AX160MIMO	Ant5	6185	High 6110	1	Yes	PASS
			High 6110	2	Yes	PASS
			High 6110	3	Yes	PASS
			High 6110	4	Yes	PASS
			High 6110	5	Yes	PASS
			High 6110	6	Yes	PASS
			High 6110	7	Yes	PASS
			High 6110	8	Yes	PASS
			High 6110	9	Yes	PASS
			High 6110	10	Yes	PASS
		Center 6185	1	Yes	PASS	
		Center 6185	2	Yes	PASS	
		Center 6185	3	Yes	PASS	
		Center 6185	4	Yes	PASS	
		Center 6185	5	Yes	PASS	
		Center 6185	6	Yes	PASS	
		Center 6185	7	Yes	PASS	
		Center 6185	8	Yes	PASS	
		Center 6185	9	Yes	PASS	

			Center	6185	10	Yes	PASS
			Low	6260	1	Yes	PASS
			Low	6260	2	Yes	PASS
			Low	6260	3	Yes	PASS
			Low	6260	4	Yes	PASS
			Low	6260	5	Yes	PASS
			Low	6260	6	Yes	PASS
			Low	6260	7	Yes	PASS
			Low	6260	8	Yes	PASS
			Low	6260	9	Yes	PASS
			Low	6260	10	Yes	PASS
		6505	High	6430	1	Yes	PASS
			High	6430	2	Yes	PASS
			High	6430	3	Yes	PASS
			High	6430	4	Yes	PASS
			High	6430	5	Yes	PASS
			High	6430	6	Yes	PASS
			High	6430	7	Yes	PASS
			High	6430	8	Yes	PASS
			High	6430	9	Yes	PASS
			High	6430	10	Yes	PASS
			Center	6505	1	Yes	PASS
			Center	6505	2	Yes	PASS
			Center	6505	3	Yes	PASS
			Center	6505	4	Yes	PASS
			Center	6505	5	Yes	PASS
			Center	6505	6	Yes	PASS
			Center	6505	7	Yes	PASS
			Center	6505	8	Yes	PASS
			Center	6505	9	Yes	PASS
			Center	6505	10	Yes	PASS
		Low	6580	1	Yes	PASS	
		Low	6580	2	Yes	PASS	
		Low	6580	3	No	PASS	
		Low	6580	4	Yes	PASS	
		Low	6580	5	Yes	PASS	
		Low	6580	6	Yes	PASS	
		Low	6580	7	Yes	PASS	
		Low	6580	8	Yes	PASS	
		Low	6580	9	Yes	PASS	
		Low	6580	10	Yes	PASS	
		6665	High	6590	1	Yes	PASS
			High	6590	2	Yes	PASS
			High	6590	3	Yes	PASS
			High	6590	4	Yes	PASS
			High	6590	5	Yes	PASS
			High	6590	6	Yes	PASS
			High	6590	7	Yes	PASS
			High	6590	8	Yes	PASS
			High	6590	9	Yes	PASS
			High	6590	10	Yes	PASS
			Center	6665	1	Yes	PASS
			Center	6665	2	Yes	PASS
			Center	6665	3	Yes	PASS
			Center	6665	4	Yes	PASS
			Center	6665	5	Yes	PASS
			Center	6665	6	Yes	PASS
			Center	6665	7	Yes	PASS
			Center	6665	8	Yes	PASS
			Center	6665	9	Yes	PASS
		Center	6665	10	Yes	PASS	
		Low	6740	1	Yes	PASS	

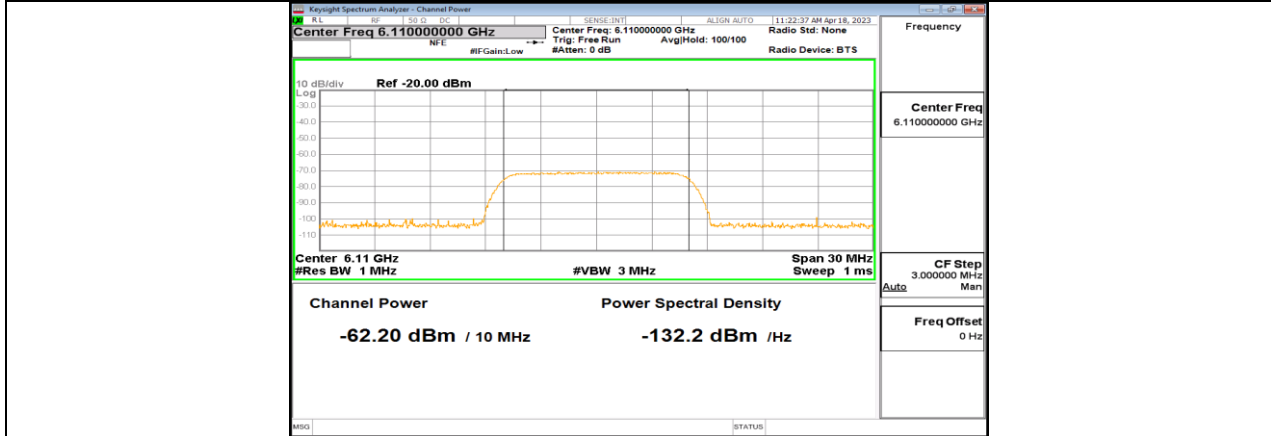
			Low	6740	2	Yes	PASS
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			Low	6740	5	Yes	PASS
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			Low	6740	7	Yes	PASS
			Low	6740	8	Yes	PASS
			Low	6740	9	Yes	PASS
			Low	6740	10	Yes	PASS
		6985	High	6910	1	Yes	PASS
			High	6910	2	Yes	PASS
			High	6910	3	Yes	PASS
			High	6910	4	Yes	PASS
			High	6910	5	Yes	PASS
			High	6910	6	Yes	PASS
			High	6910	7	Yes	PASS
			High	6910	8	Yes	PASS
			High	6910	9	Yes	PASS
			High	6910	10	Yes	PASS
			Center	6985	1	Yes	PASS
			Center	6985	2	Yes	PASS
			Center	6985	3	Yes	PASS
			Center	6985	4	Yes	PASS
			Center	6985	5	Yes	PASS
			Center	6985	6	Yes	PASS
			Center	6985	7	Yes	PASS
			Center	6985	8	Yes	PASS
			Center	6985	9	Yes	PASS
			Center	6985	10	Yes	PASS
			Low	7060	1	Yes	PASS
			Low	7060	2	Yes	PASS
			Low	7060	3	Yes	PASS
			Low	7060	4	No	PASS
			Low	7060	5	Yes	PASS
			Low	7060	6	Yes	PASS
			Low	7060	7	Yes	PASS
			Low	7060	8	Yes	PASS
			Low	7060	9	Yes	PASS
			Low	7060	10	Yes	PASS

11.7.1. Test Graphs (Worst Case)

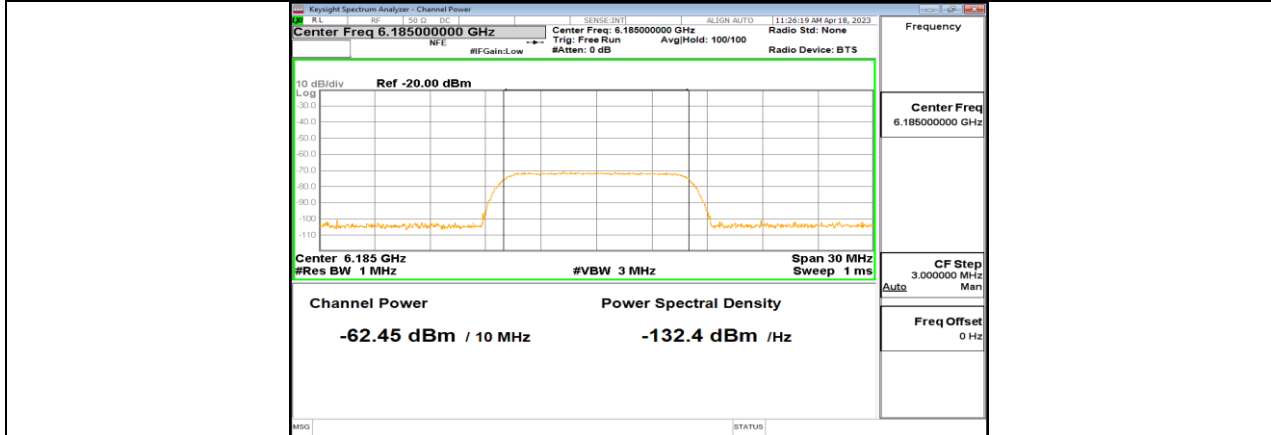




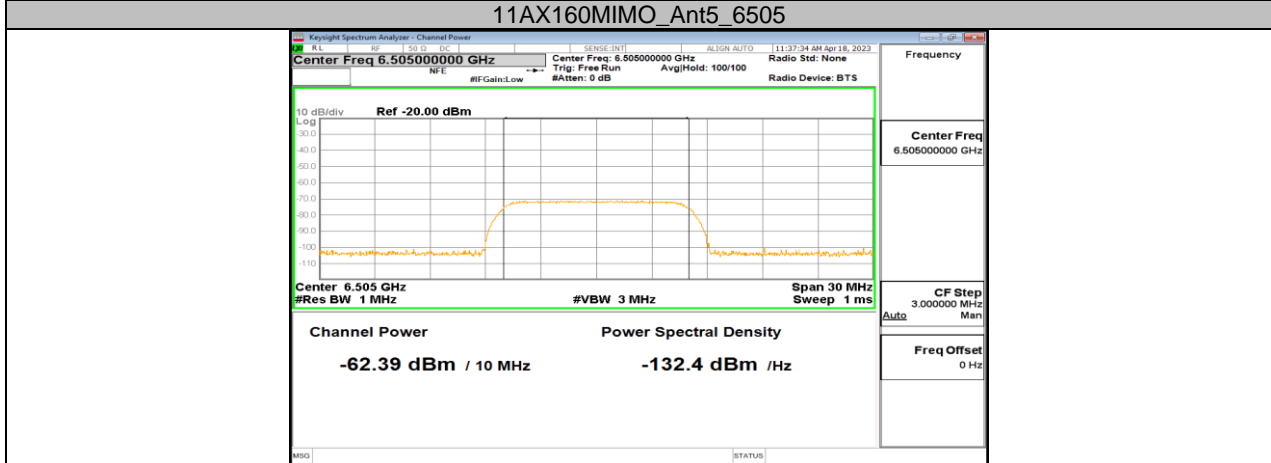
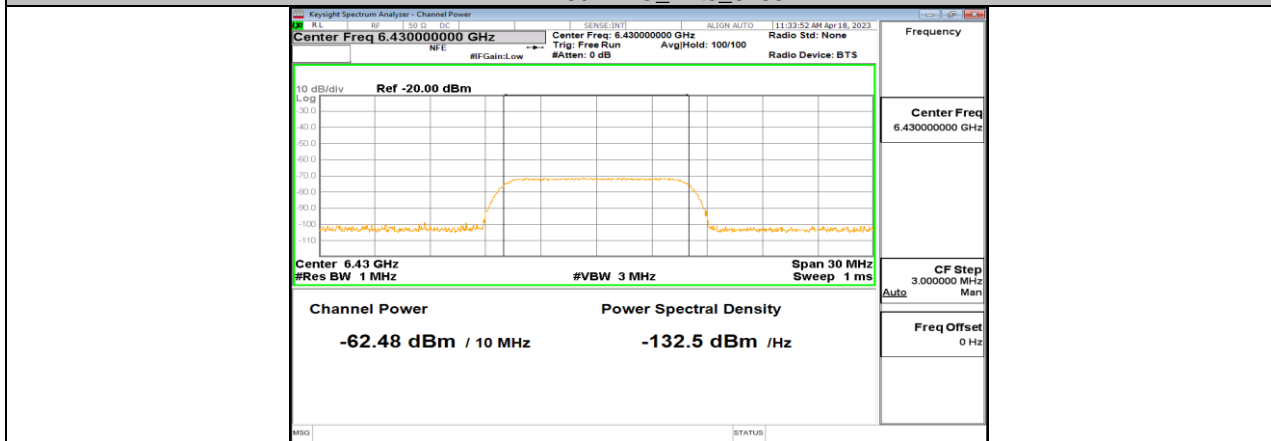
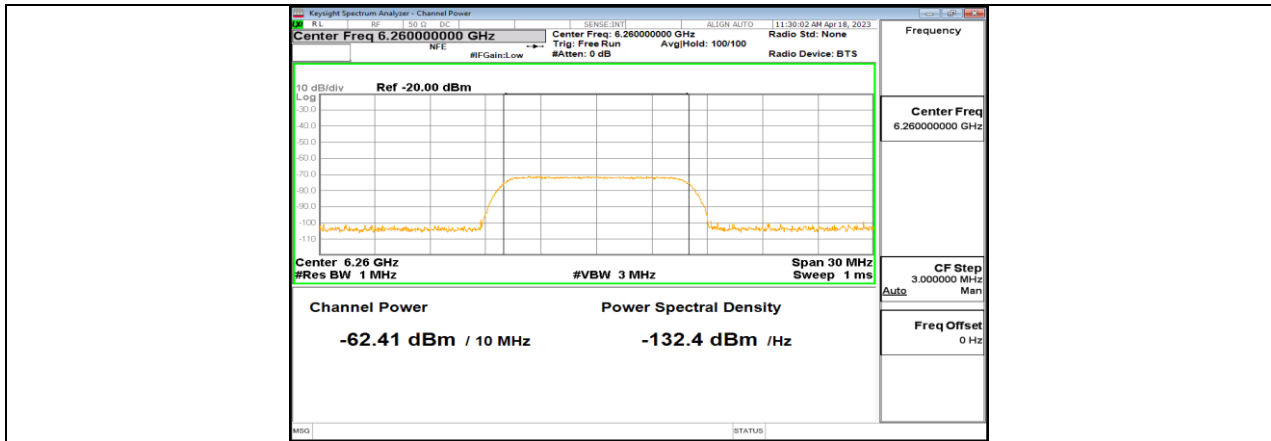
11AX20MIMO_Ant5_6895

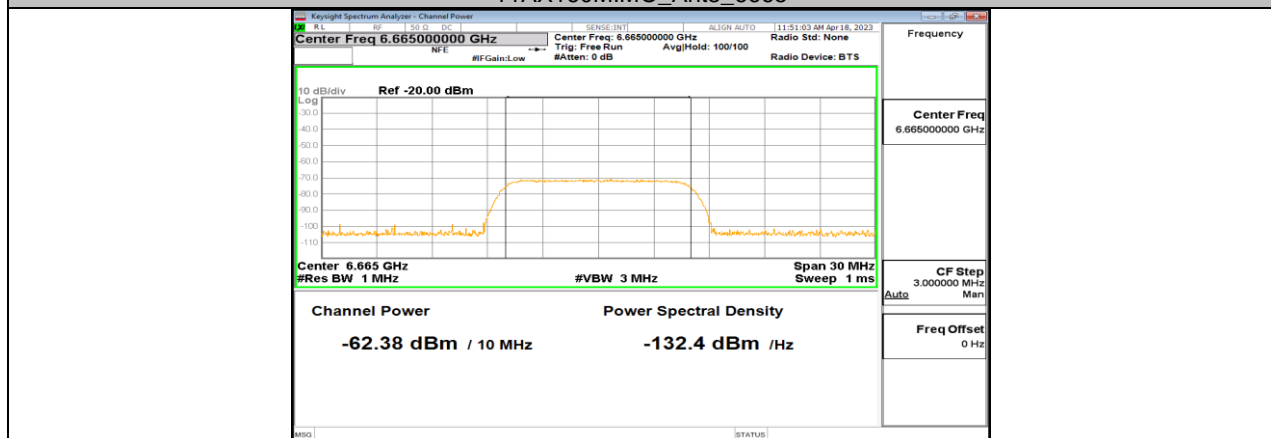
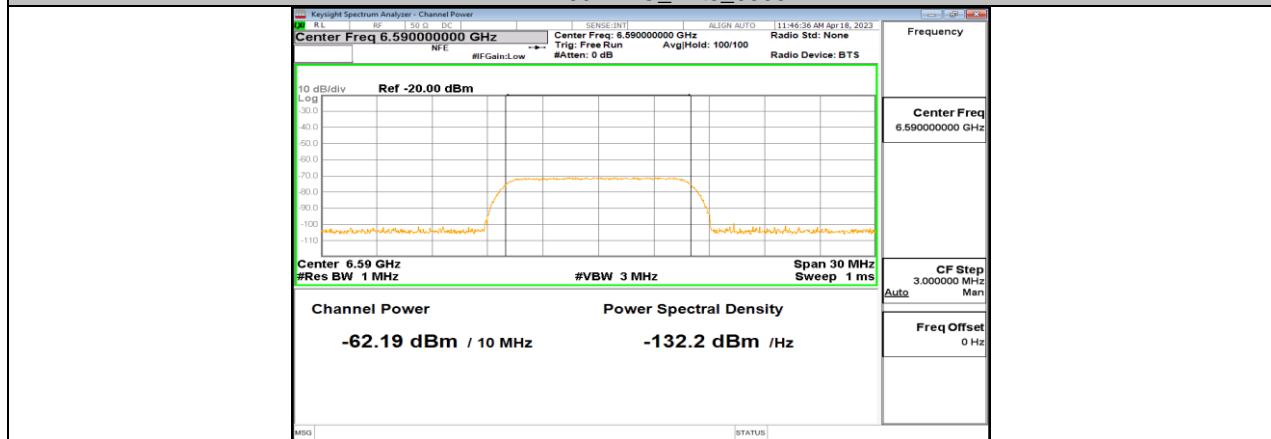
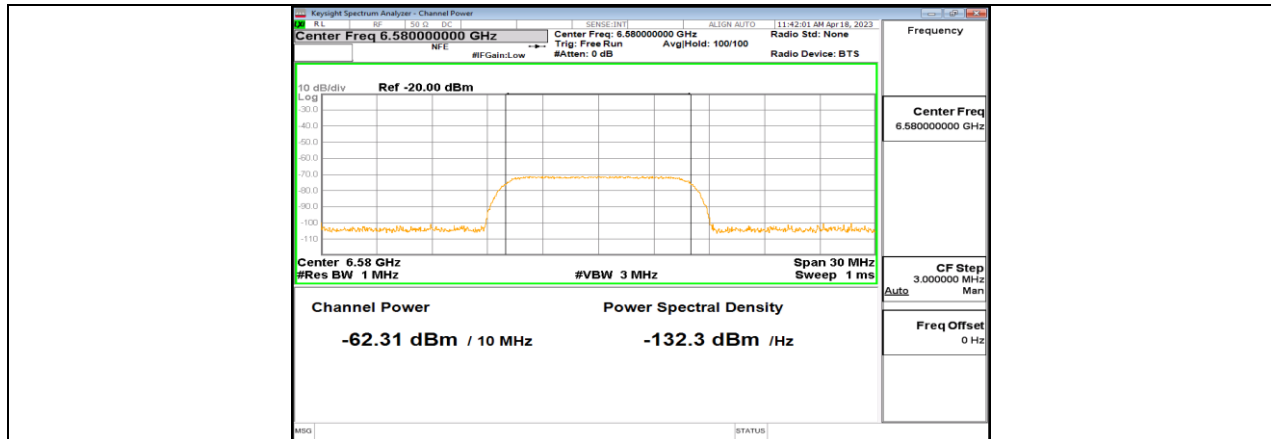


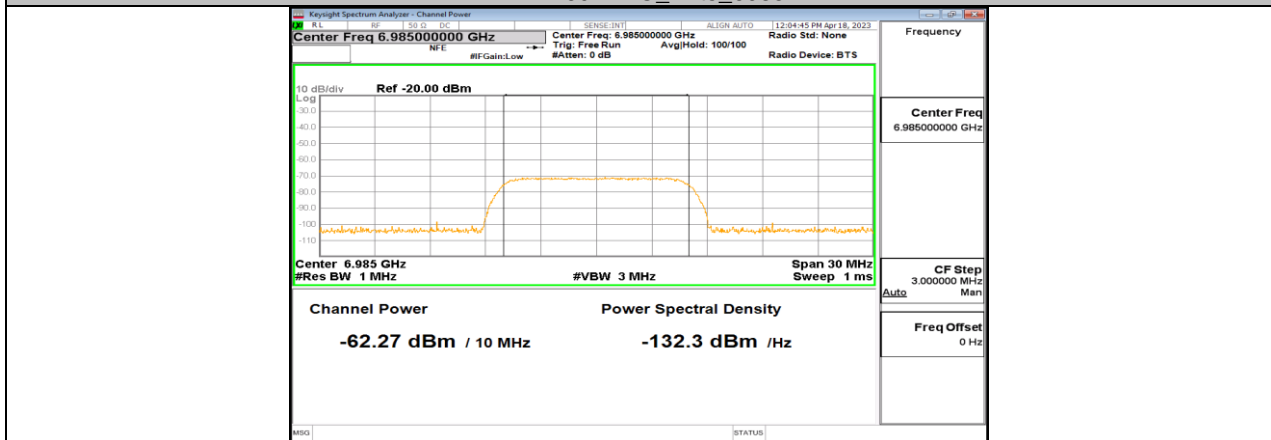
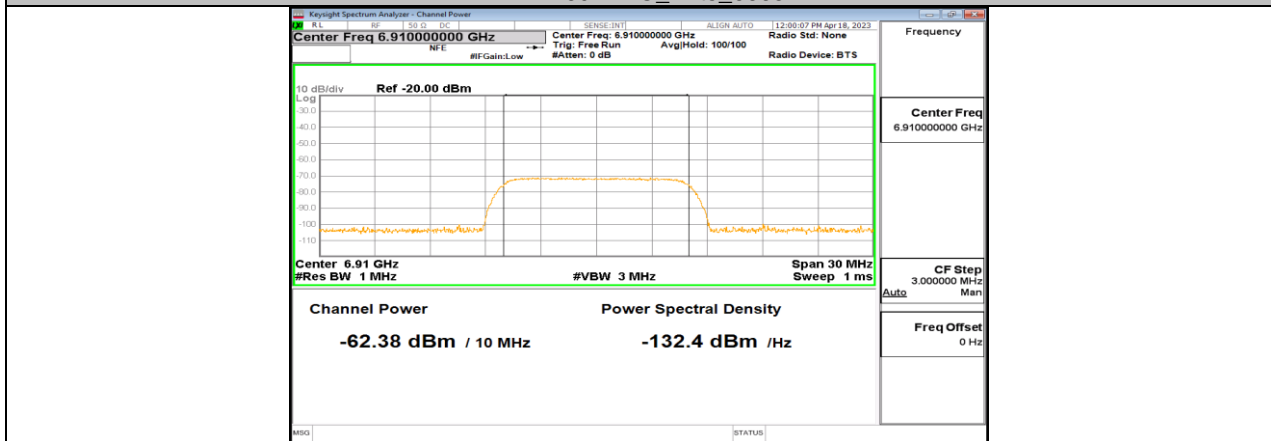
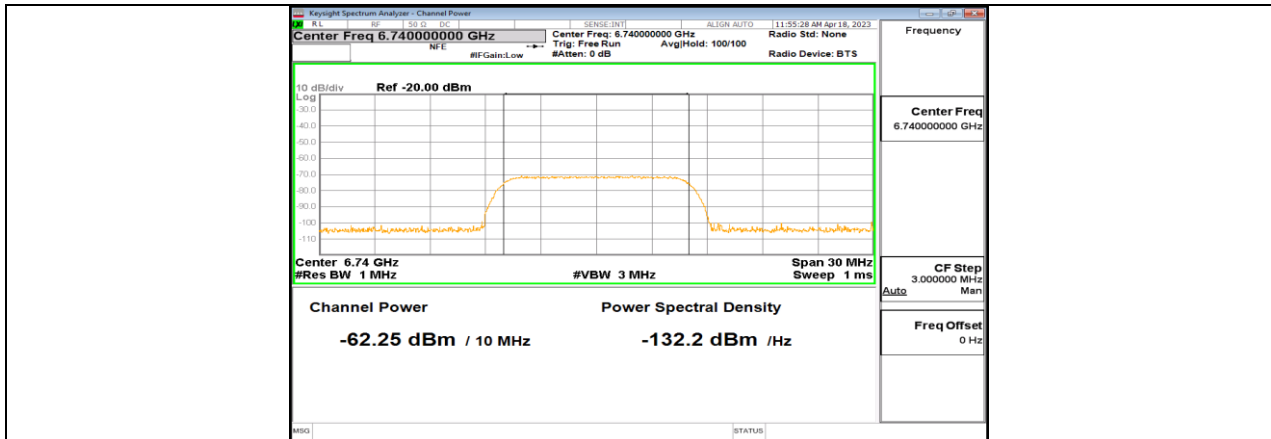
11AX160MIMO_Ant5_6185

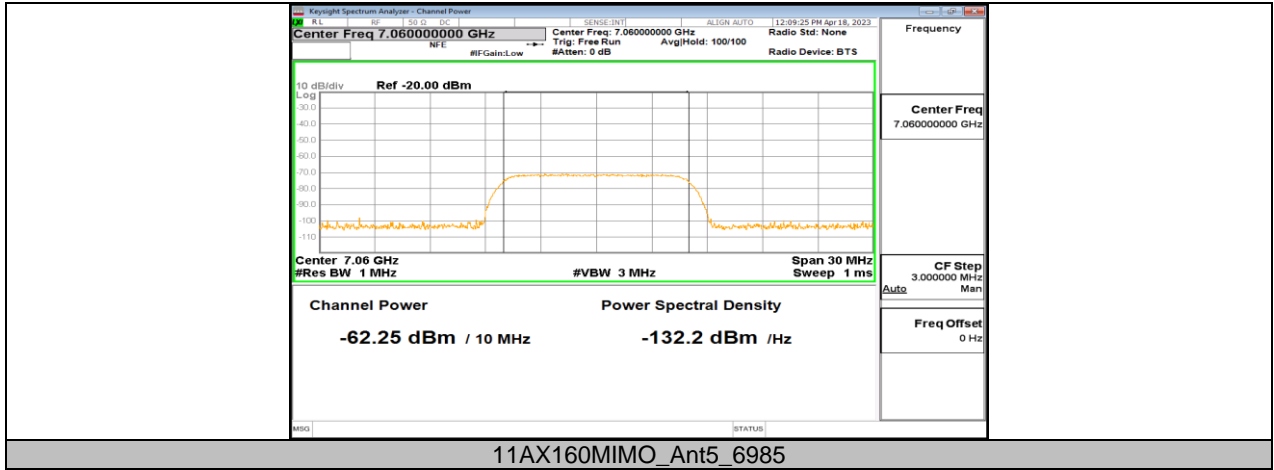


11AX160MIMO_Ant5_6185









11.8. APPENDIX H: FREQUENCY STABILITY

11.8.1. Test Result

Frequency Error vs. Voltage									
802.11ax HE20: 6115 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	6114.9755	-4.01	6115.0166	2.71	6115.0157	2.57	6115.0215	3.52
TN	VN	6114.9921	-1.30	6115.0106	1.74	6115.0010	0.16	6115.0212	3.47
TN	VH	6115.0127	2.07	6115.0152	2.49	6115.0078	1.27	6115.0228	3.74
Frequency Error vs. Temperature									
802.11ax HE20: 6115 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	6114.9869	-2.13	6114.9902	-1.61	6114.9927	-1.20	6114.9759	-3.94
30	VN	6115.0069	1.12	6114.9948	-0.86	6114.9882	-1.93	6114.9894	-1.73
20	VN	6114.9855	-2.37	6115.0092	1.50	6114.9942	-0.95	6114.9819	-2.96
10	VN	6114.9841	-2.59	6115.0233	3.81	6115.0181	2.96	6114.9872	-2.09
0	VN	6115.0114	1.86	6114.9895	-1.72	6115.0122	2.00	6114.9797	-3.32

Frequency Error vs. Voltage									
802.11ax HE20: 7035 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	7035.0021	0.30	7034.9801	-2.83	7034.9906	-1.33	7034.9801	-2.82
TN	VN	7034.9878	-1.74	7035.0155	2.20	7034.9984	-0.22	7034.9923	-1.10
TN	VH	7035.0172	2.45	7035.0008	0.12	7034.9860	-1.99	7034.9945	-0.78
Frequency Error vs. Temperature									
802.11ax HE20: 7035 MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	7034.9801	-2.82	7035.0128	1.82	7034.9751	-3.55	7034.9823	-2.52
30	VN	7035.0230	3.27	7034.9998	-0.03	7034.9778	-3.16	7034.9895	-1.49
20	VN	7034.9978	-0.32	7034.9827	-2.47	7034.9947	-0.76	7034.9867	-1.90
10	VN	7035.0166	2.36	7034.9958	-0.60	7035.0196	2.78	7034.9836	-2.33
0	VN	7034.9796	-2.89	7035.0063	0.90	7035.0035	0.49	7034.9766	-3.32

Note: All the mode had been tested, but only the worst data was recorded in the report.

END OF REPORT