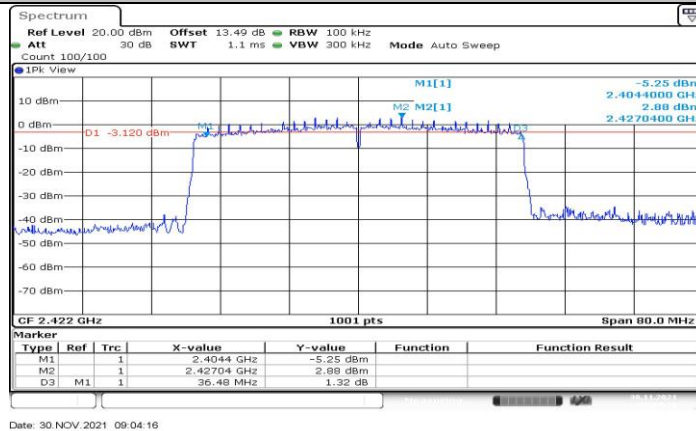
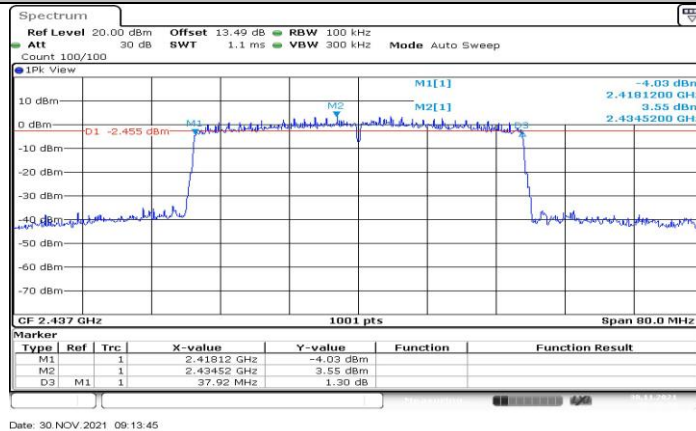


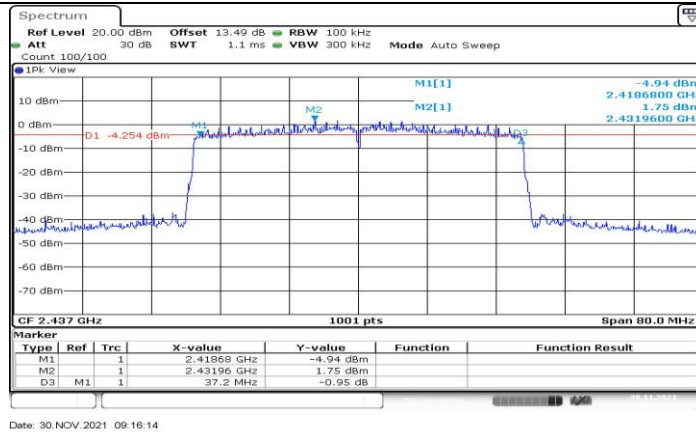
11AX40MIMO_Ant1_2422



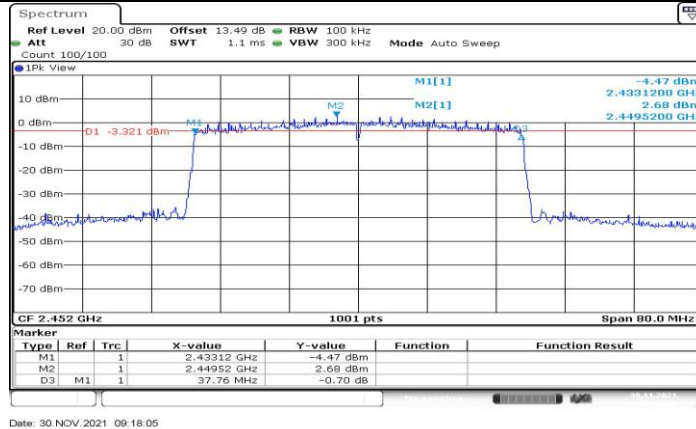
11AX40MIMO_Ant2_2422



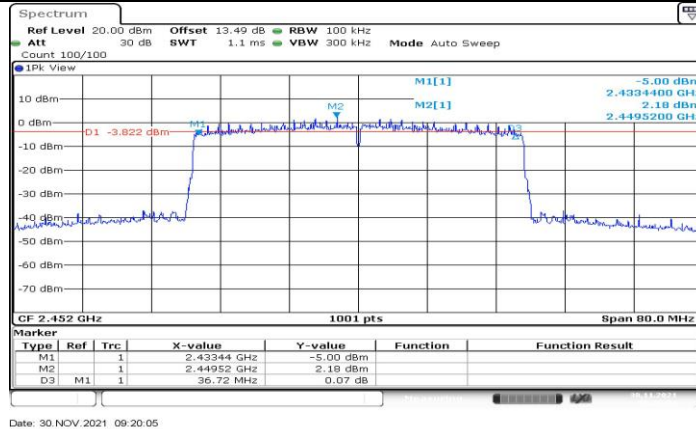
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

**11.2. Appendix B: Occupied Channel Bandwidth****11.2.1. Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant1	2412	12.308	2405.886	2418.194	PASS
	Ant2	2412	12.627	2405.726	2418.354	PASS
	Ant1	2437	12.667	2430.686	2443.354	PASS
	Ant2	2437	13.027	2430.487	2443.513	PASS
	Ant1	2462	12.507	2455.766	2468.274	PASS
	Ant2	2462	13.147	2455.447	2468.593	PASS
11G	Ant1	2412	16.823	2403.648	2420.472	PASS
	Ant2	2412	16.943	2403.528	2420.472	PASS
	Ant1	2437	17.862	2428.049	2445.911	PASS
	Ant2	2437	17.902	2428.049	2445.951	PASS
	Ant1	2462	17.982	2452.969	2470.951	PASS
	Ant2	2462	17.982	2452.969	2470.951	PASS
11N20MIMO	Ant1	2412	17.822	2403.089	2420.911	PASS
	Ant2	2412	17.662	2403.209	2420.871	PASS
	Ant1	2437	18.981	2427.490	2446.471	PASS
	Ant2	2437	18.462	2427.809	2446.271	PASS
	Ant1	2462	19.021	2452.529	2471.550	PASS
	Ant2	2462	18.462	2452.769	2471.231	PASS
11N40MIMO	Ant1	2422	36.124	2404.018	2440.142	PASS
	Ant2	2422	36.044	2404.018	2440.062	PASS
	Ant1	2437	36.044	2419.018	2455.062	PASS
	Ant2	2437	36.044	2419.098	2455.142	PASS
	Ant1	2452	36.124	2433.938	2470.062	PASS
	Ant2	2452	35.964	2434.018	2469.982	PASS
11AX20MIMO	Ant1	2412	18.781	2402.649	2421.431	PASS
	Ant2	2412	18.741	2402.649	2421.391	PASS
	Ant1	2437	19.061	2427.490	2446.550	PASS
	Ant2	2437	19.061	2427.490	2446.550	PASS
	Ant1	2462	19.061	2452.490	2471.550	PASS
	Ant2	2462	19.141	2452.450	2471.590	PASS
11AX40MIMO	Ant1	2422	37.802	2403.219	2441.021	PASS
	Ant2	2422	37.722	2403.219	2440.941	PASS
	Ant1	2437	37.722	2418.219	2455.941	PASS
	Ant2	2437	37.642	2418.219	2455.861	PASS
	Ant1	2452	37.642	2433.219	2470.861	PASS
	Ant2	2452	37.562	2433.219	2470.781	PASS

11.2.2. Test Graphs



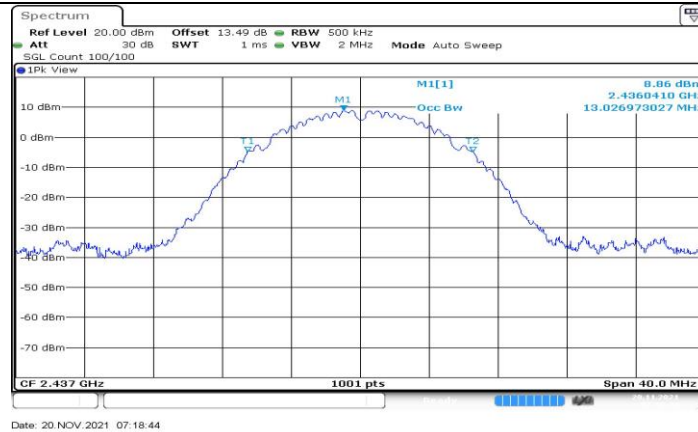
11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



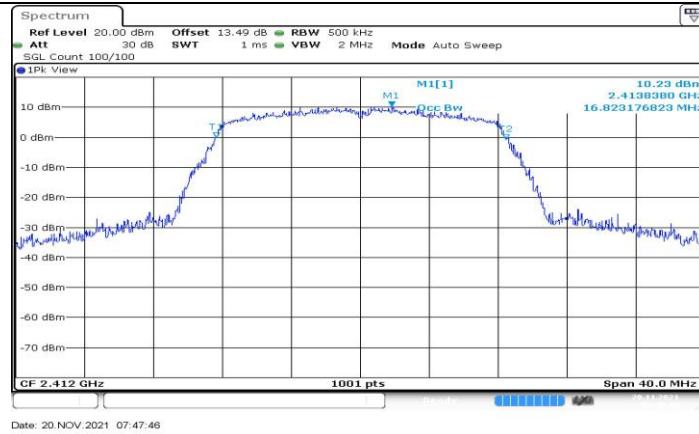
11B_Ant2_2437



11B_Ant1_2462



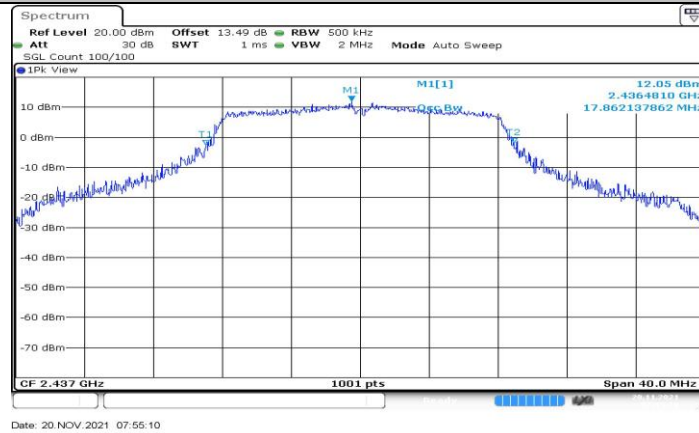
11B_Ant2_2462



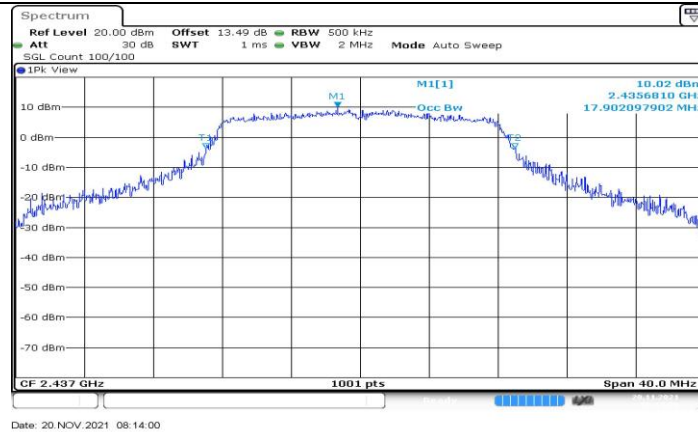
11G_Ant1_2412



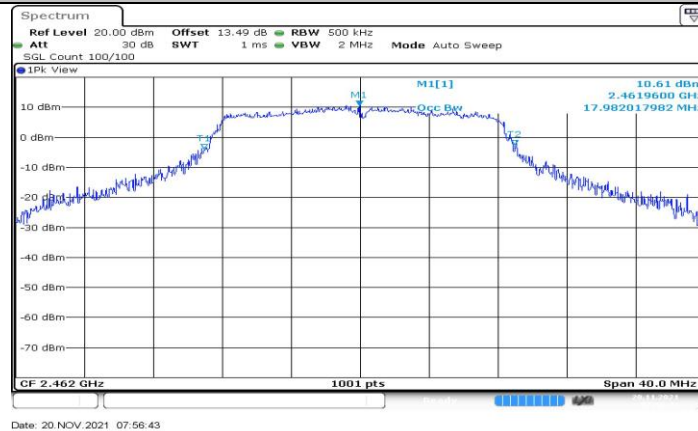
11G_Ant2_2412



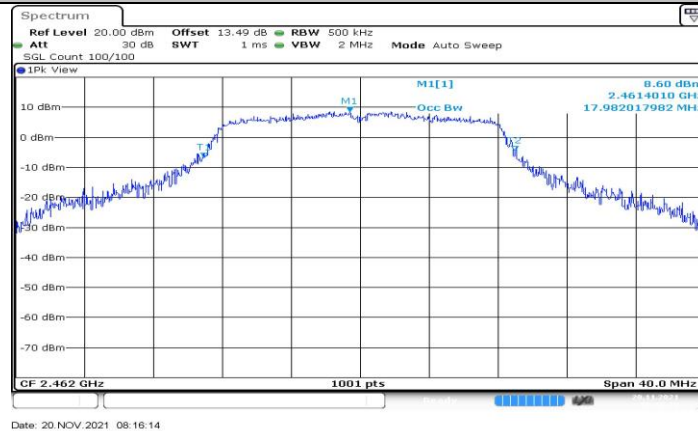
11G_Ant1_2437



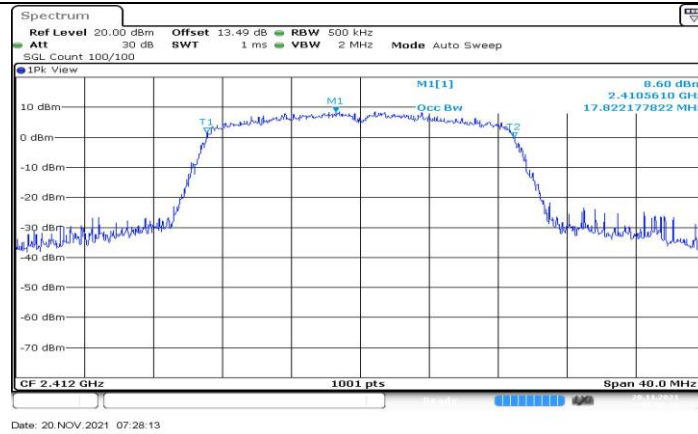
11G_Ant2_2437



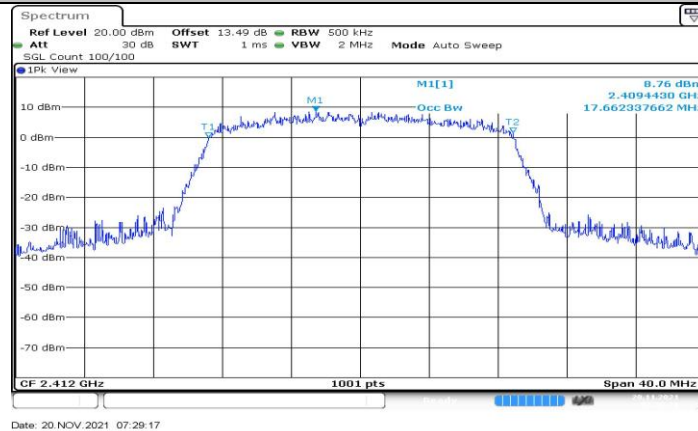
11G_Ant1_2462



11G_Ant2_2462



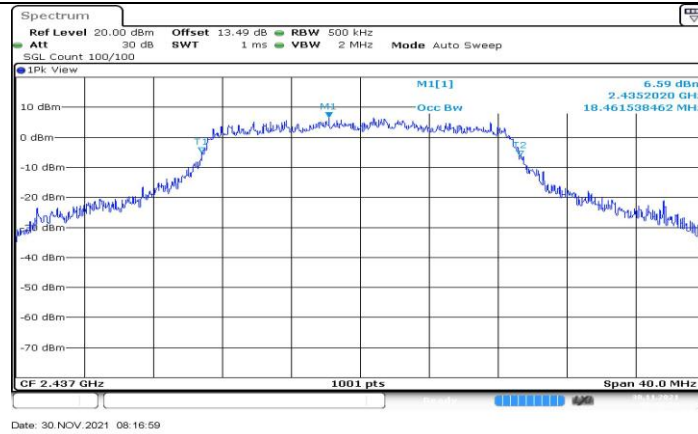
11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



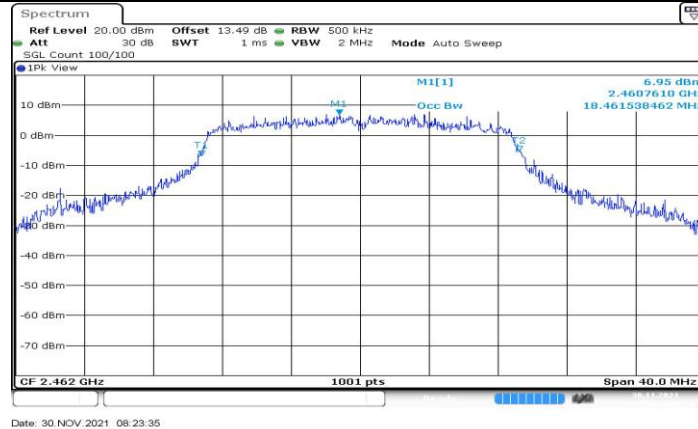
11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



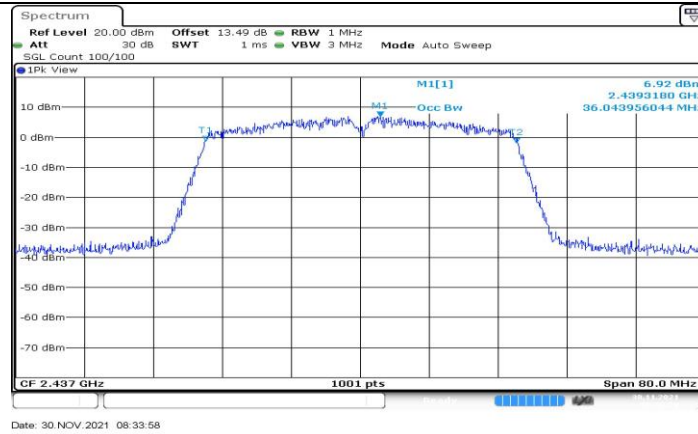
11N40MIMO_Ant1_2422



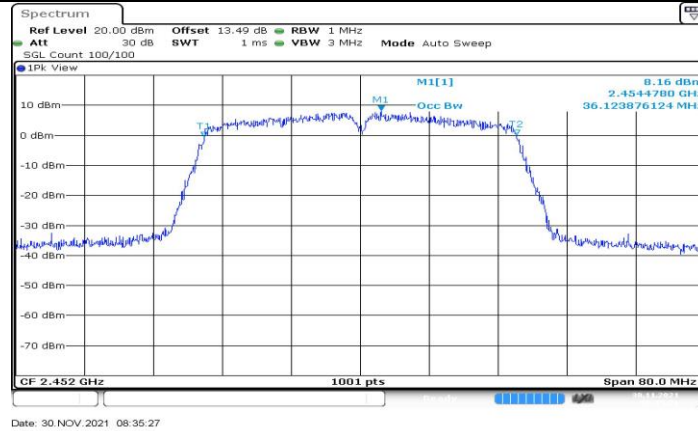
11N40MIMO_Ant2_2422



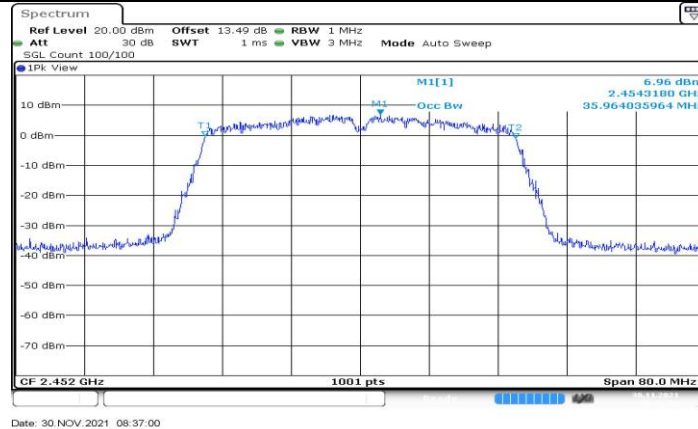
11N40MIMO_Ant1_2437



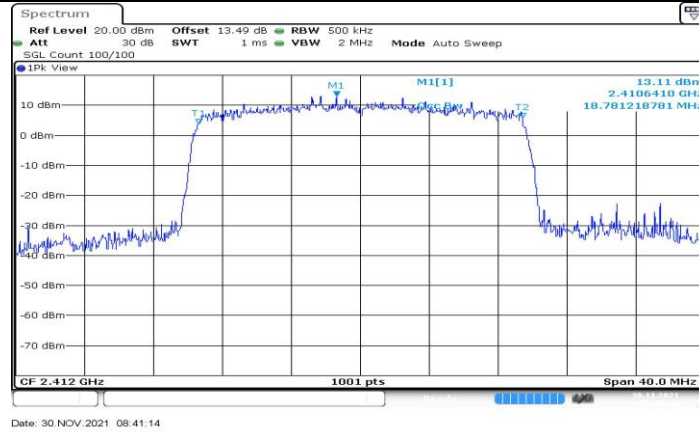
11N40MIMO_Ant2_2437



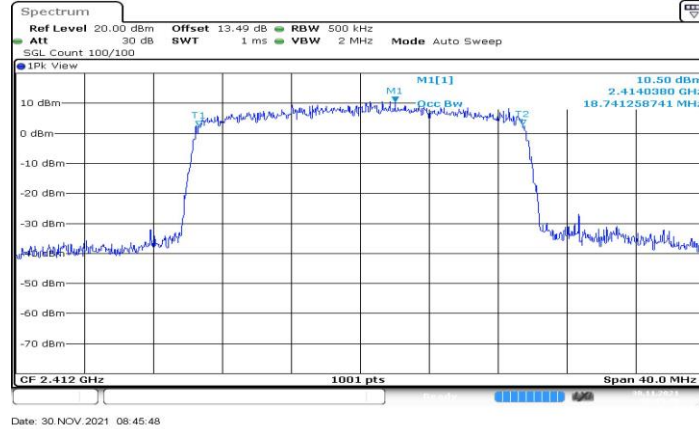
11N40MIMO_Ant1_2452



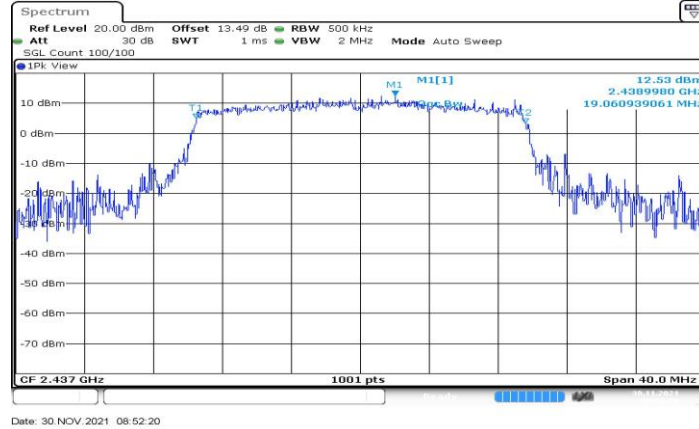
11N40MIMO_Ant2_2452



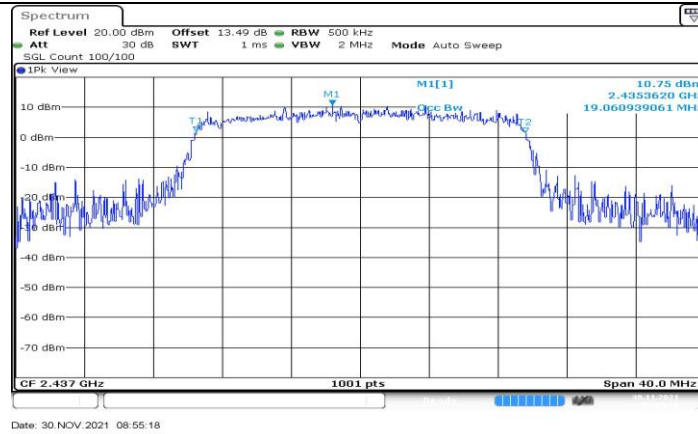
11AX20MIMO_Ant1_2412



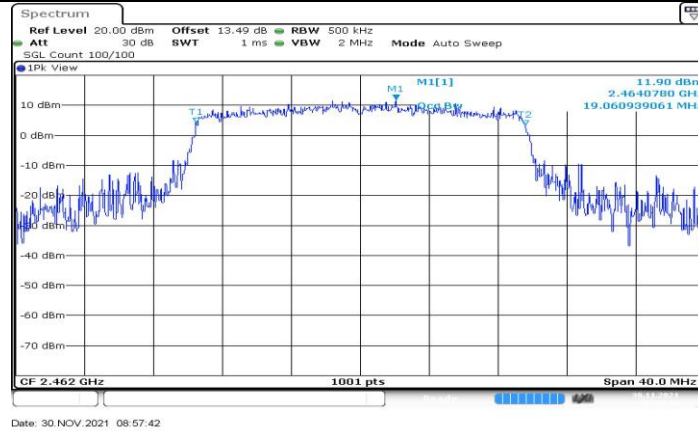
11AX20MIMO_Ant2_2412



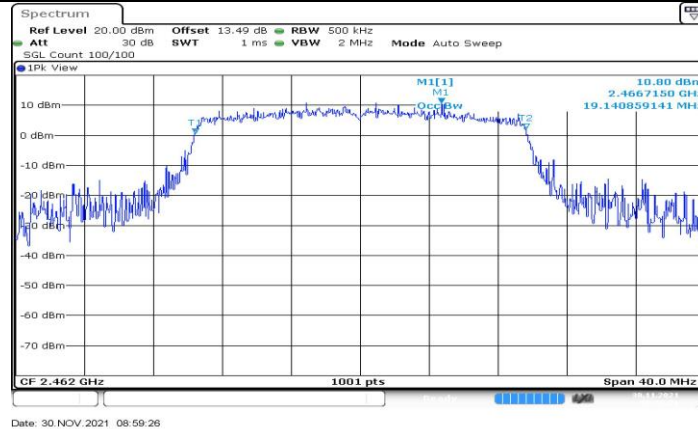
11AX20MIMO_Ant1_2437



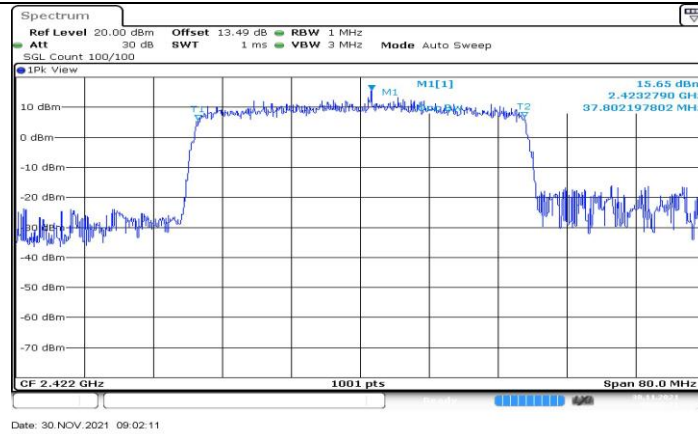
11AX20MIMO_Ant2_2437



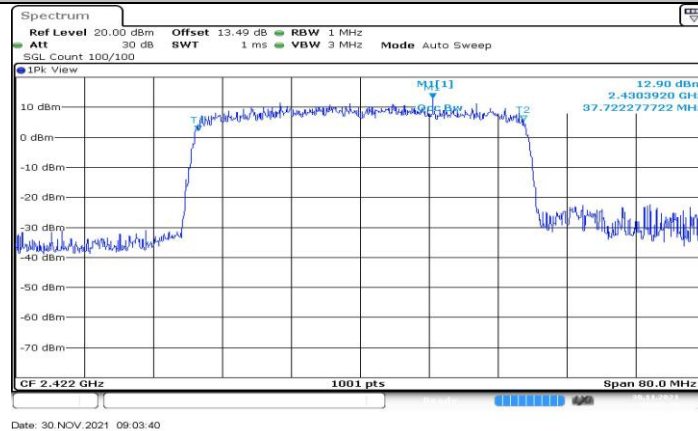
11AX20MIMO_Ant1_2462



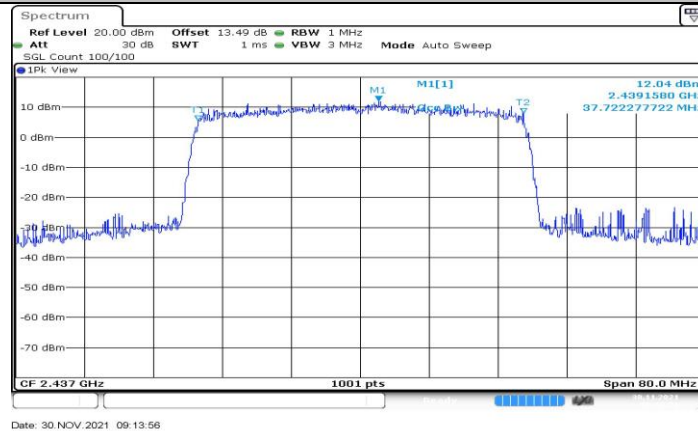
11AX20MIMO_Ant2_2462



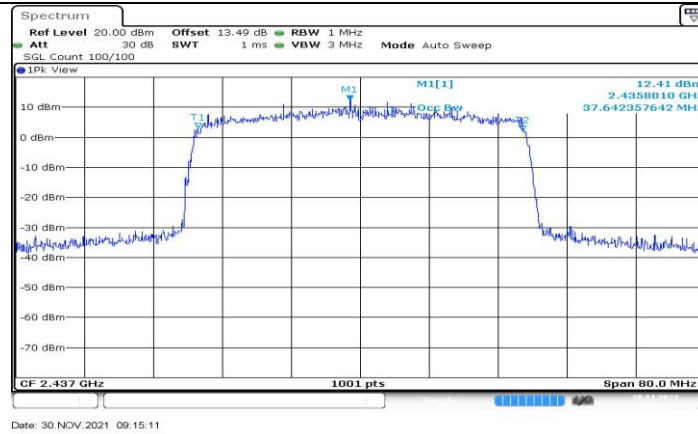
11AX40MIMO_Ant1_2422



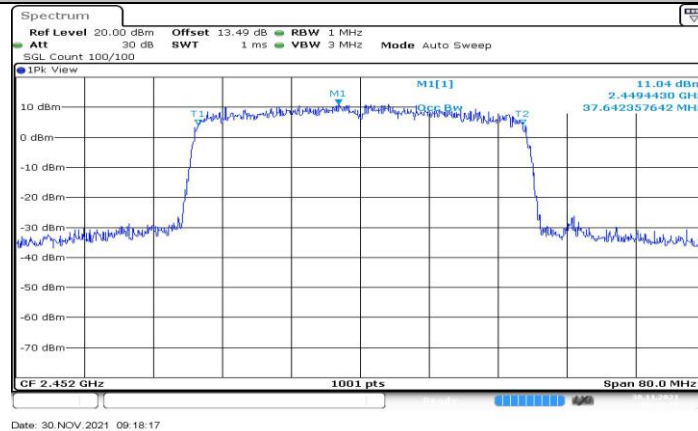
11AX40MIMO_Ant2_2422



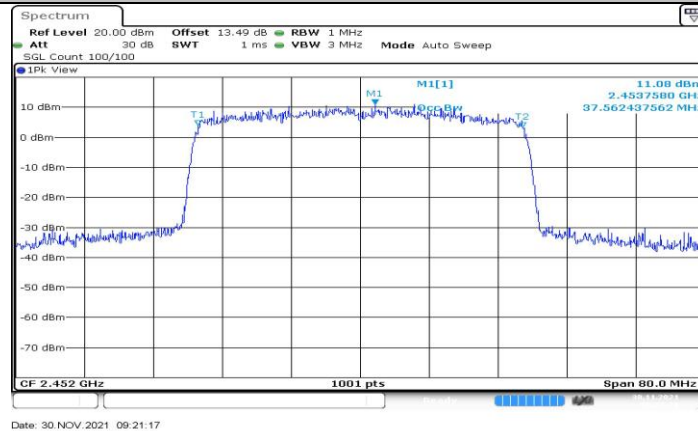
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452

**11.3. Appendix C: Maximum Average Conducted output power****11.3.1. Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.89	≤30	PASS
	Ant2	2412	15.12	≤30	PASS
	Ant1	2437	16.27	≤30	PASS
	Ant2	2437	15.23	≤30	PASS
	Ant1	2462	15.44	≤30	PASS
	Ant2	2462	14.99	≤30	PASS
11G	Ant1	2412	13.90	≤30	PASS
	Ant2	2412	13.09	≤30	PASS
	Ant1	2437	14.25	≤30	PASS
	Ant2	2437	13.38	≤30	PASS
	Ant1	2462	12.72	≤30	PASS
	Ant2	2462	12.84	≤30	PASS
11N20MIMO	Ant1	2412	12.67	≤30	PASS
	Ant2	2412	11.19	≤30	PASS
	total	2412	15.00	≤30	PASS
	Ant1	2437	13.20	≤30	PASS
	Ant2	2437	11.22	≤30	PASS
	total	2437	15.30	≤30	PASS
	Ant1	2462	12.67	≤30	PASS
	Ant2	2462	11.73	≤30	PASS
	total	2462	15.20	≤30	PASS
11N40MIMO	Ant1	2422	13.24	≤30	PASS
	Ant2	2422	11.57	≤30	PASS
	total	2422	15.50	≤30	PASS
	Ant1	2437	13.47	≤30	PASS
	Ant2	2437	11.34	≤30	PASS
	total	2437	15.50	≤30	PASS
	Ant1	2452	12.55	≤30	PASS
	Ant2	2452	11.22	≤30	PASS
	total	2452	14.90	≤30	PASS
11AX20MIMO	Ant1	2412	16.51	≤30	PASS
	Ant2	2412	14.55	≤30	PASS
	total	2412	18.60	≤30	PASS
	Ant1	2437	16.87	≤30	PASS
	Ant2	2437	15.01	≤30	PASS
	total	2437	19.00	≤30	PASS
	Ant1	2462	16.25	≤30	PASS
	Ant2	2462	15.08	≤30	PASS
	total	2462	18.70	≤30	PASS
11AX40MIMO	Ant1	2422	16.50	≤30	PASS
	Ant2	2422	15.40	≤30	PASS
	total	2422	19.00	≤30	PASS
	Ant1	2437	16.57	≤30	PASS
	Ant2	2437	14.63	≤30	PASS
	total	2437	18.70	≤30	PASS
	Ant1	2452	15.65	≤30	PASS
	Ant2	2452	14.76	≤30	PASS
	total	2452	18.20	≤30	PASS

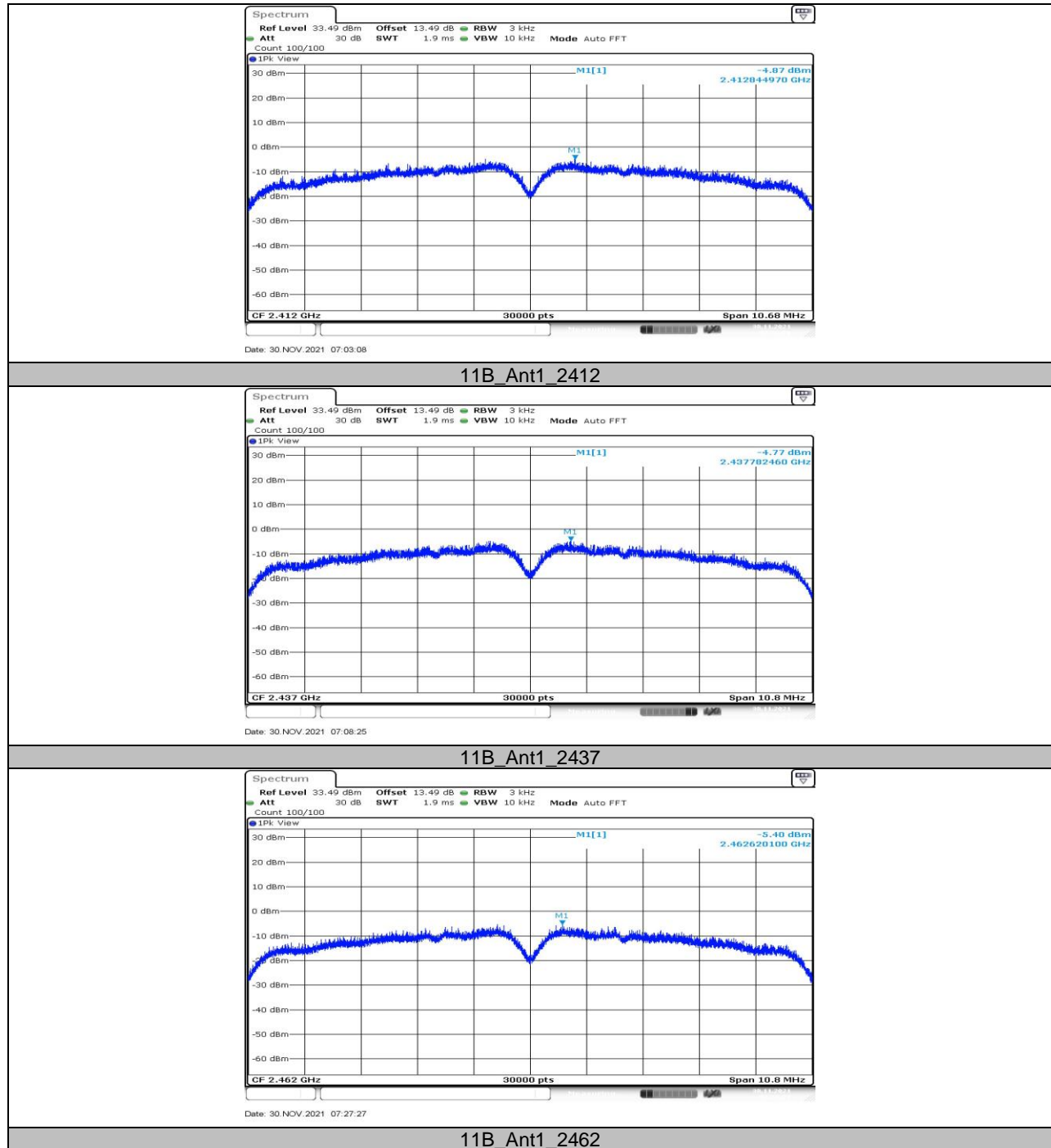
Note: 1. Conducted Power=Meas. Level+ Correction Factor

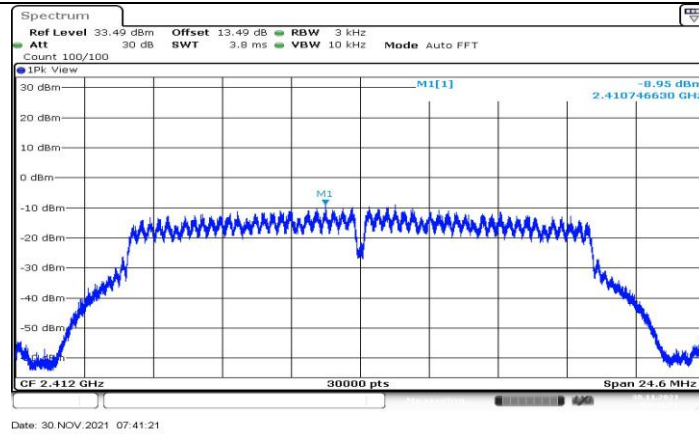
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

**11.4. Appendix D: Maximum Power Spectral Density****11.4.1. Test Result**

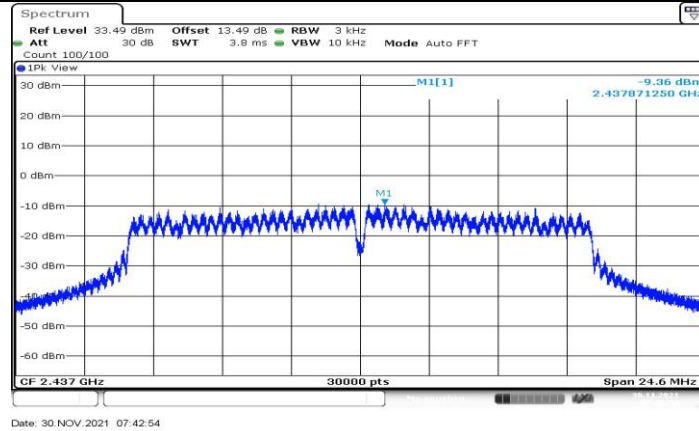
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.87	≤8	PASS
		2437	-4.77	≤8	PASS
		2462	-5.4	≤8	PASS
11G	Ant1	2412	-8.95	≤8	PASS
		2437	-9.36	≤8	PASS
		2462	-8.17	≤8	PASS
11N20MIMO	Ant1	2412	-8.95	≤8	PASS
	Ant2	2412	-12.04	≤8	PASS
	total	2412	-7.22	≤8	PASS
	Ant1	2437	-9.96	≤8	PASS
	Ant2	2437	-11.67	≤8	PASS
	total	2437	-7.72	≤8	PASS
	Ant1	2462	-11.02	≤8	PASS
	Ant2	2462	-10.54	≤8	PASS
	total	2462	-7.76	≤8	PASS
11N40MIMO	Ant1	2422	-13.28	≤8	PASS
	Ant2	2422	-13.26	≤8	PASS
	total	2422	-10.26	≤8	PASS
	Ant1	2437	-13.54	≤8	PASS
	Ant2	2437	-15.18	≤8	PASS
	total	2437	-11.27	≤8	PASS
	Ant1	2452	-13.28	≤8	PASS
	Ant2	2452	-15.96	≤8	PASS
	total	2452	-11.41	≤8	PASS
11AX20MIMO	Ant1	2412	-7.73	≤8	PASS
	Ant2	2412	-9.7	≤8	PASS
	total	2412	-5.59	≤8	PASS
	Ant1	2437	-6.53	≤8	PASS
	Ant2	2437	-10.17	≤8	PASS
	total	2437	-4.97	≤8	PASS
	Ant1	2462	-8.01	≤8	PASS
	Ant2	2462	-9.48	≤8	PASS
11AX40MIMO	total	2462	-5.67	≤8	PASS
	Ant1	2422	-12.28	≤8	PASS
	Ant2	2422	-12.92	≤8	PASS
	total	2422	-9.58	≤8	PASS
	Ant1	2437	-11.01	≤8	PASS
	Ant2	2437	-12.27	≤8	PASS
	total	2437	-8.58	≤8	PASS
	Ant1	2452	-11.85	≤8	PASS
	Ant2	2452	-12.42	≤8	PASS
	total	2452	-9.12	≤8	PASS

11.4.2. Test Graphs

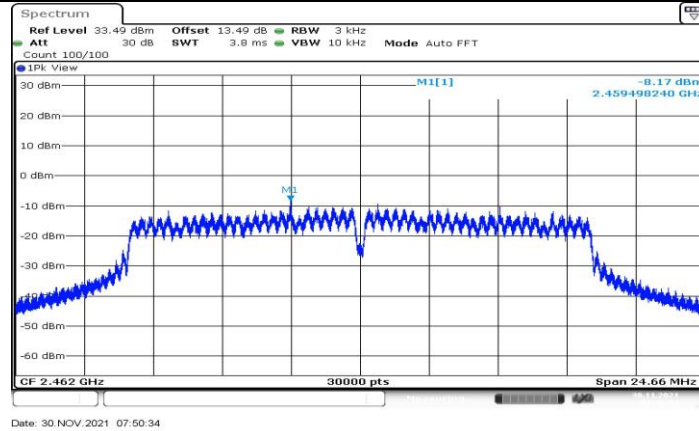




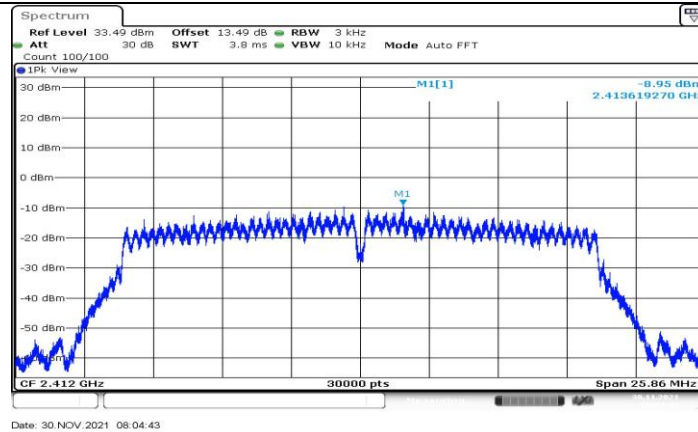
11G_Ant1_2412



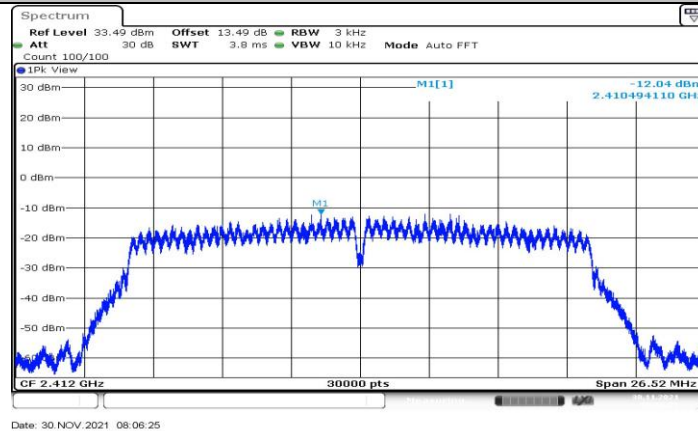
11G_Ant1_2437



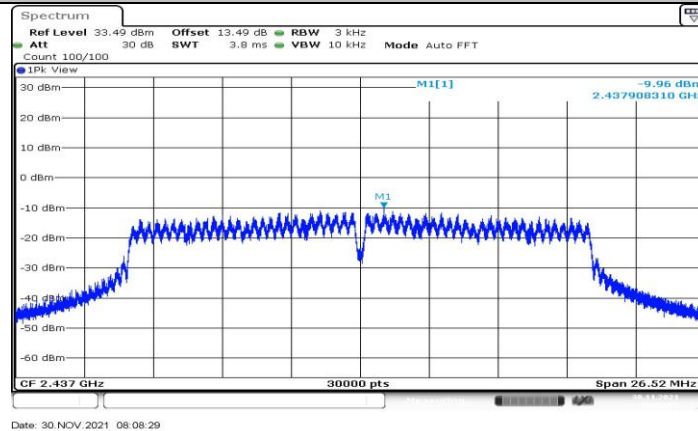
11G_Ant1_2462



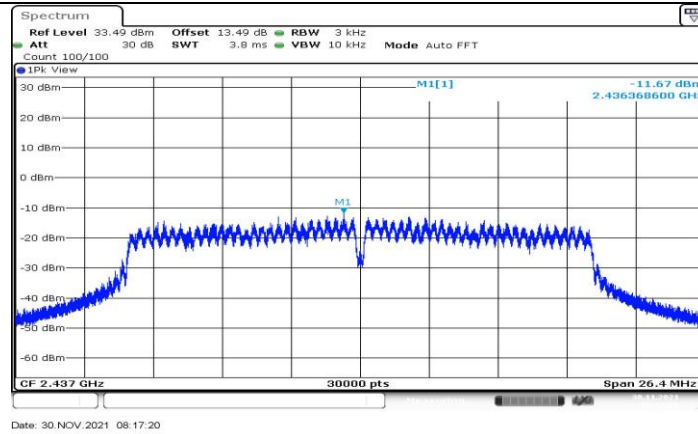
11N20MIMO_Ant1_2412



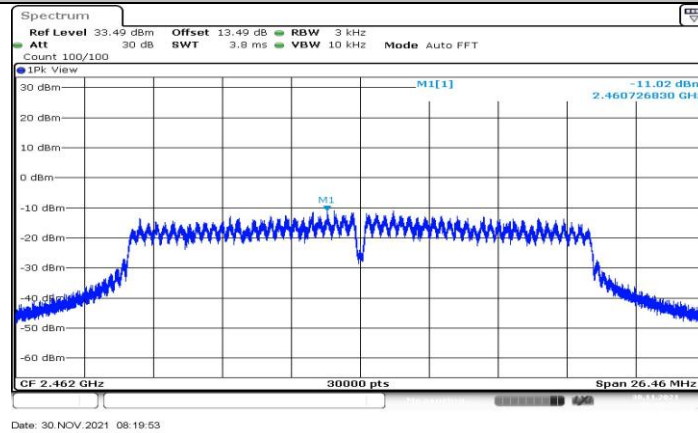
11N20MIMO_Ant2_2412



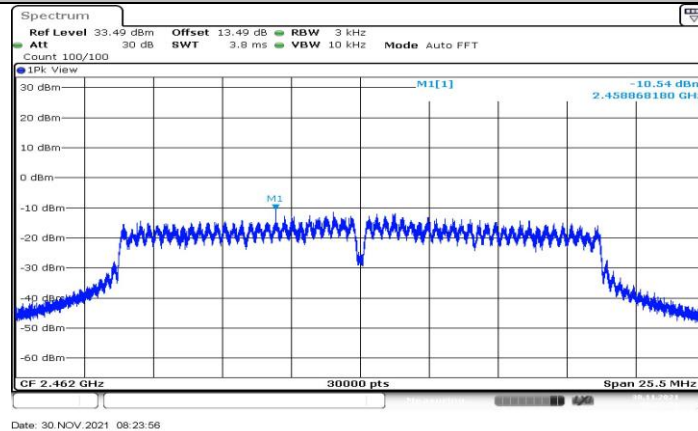
11N20MIMO_Ant1_2437



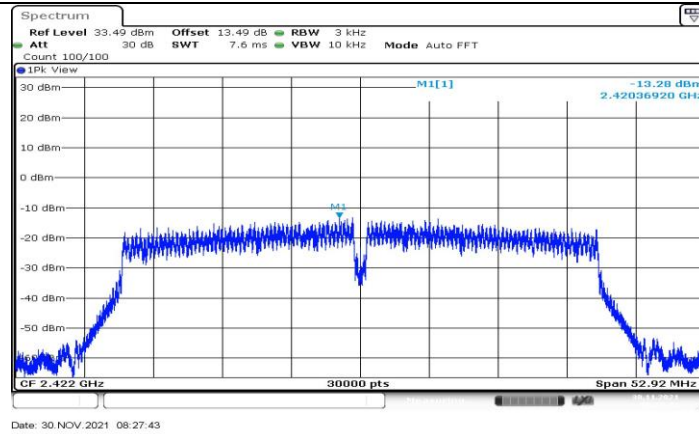
11N20MIMO_Ant2_2437



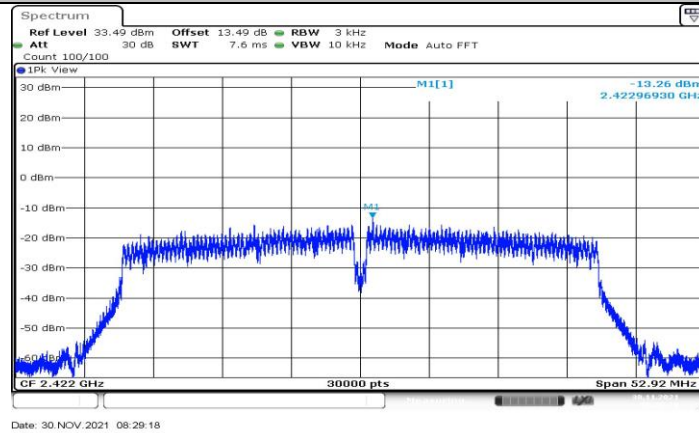
11N20MIMO_Ant1_2462



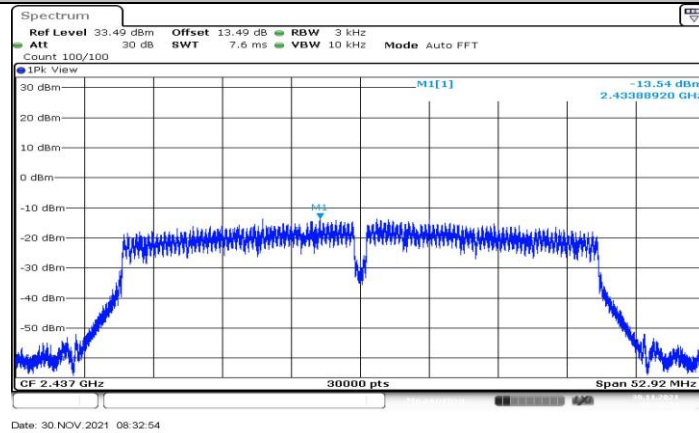
11N20MIMO_Ant2_2462



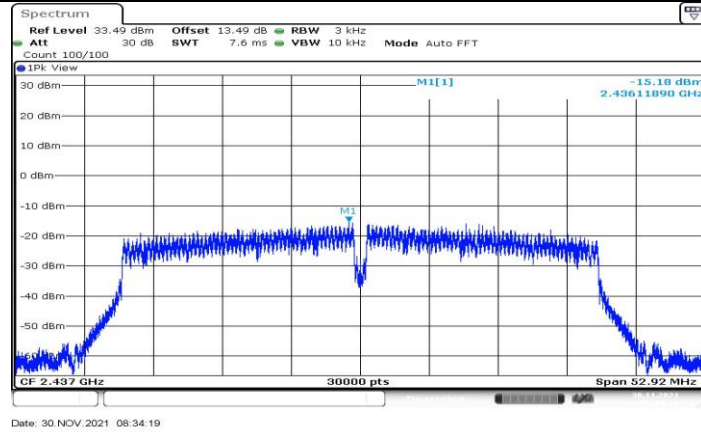
11N40MIMO_Ant1_2422



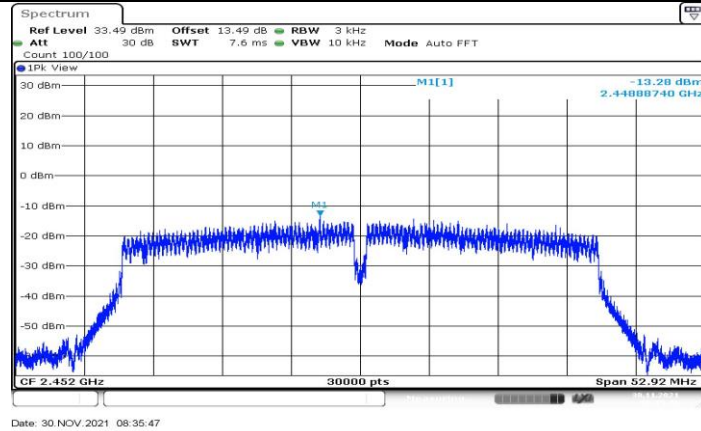
11N40MIMO_Ant2_2422



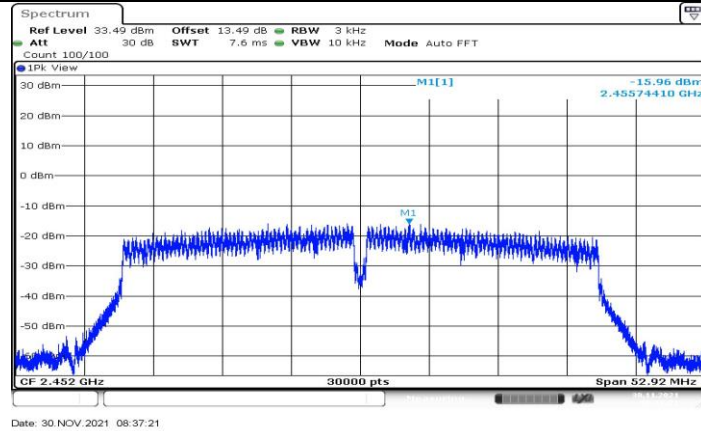
11N40MIMO_Ant1_2437



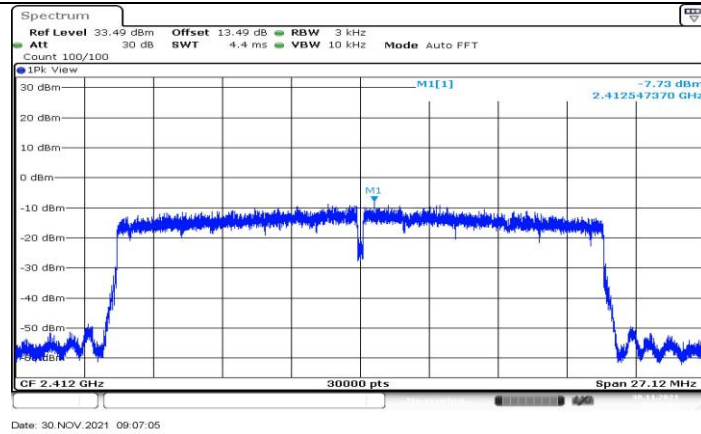
11N40MIMO_Ant2_2437



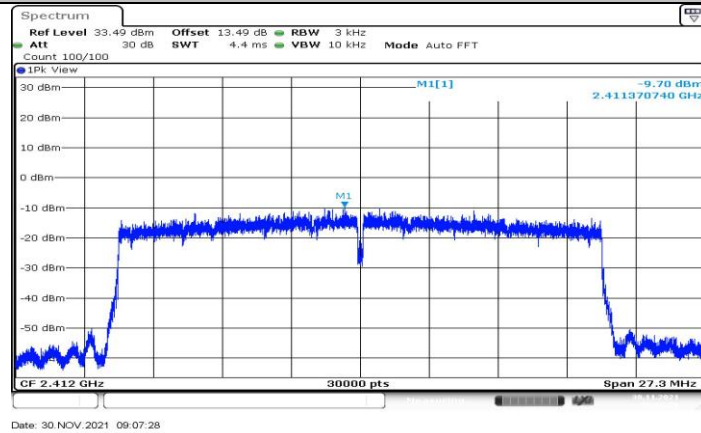
11N40MIMO_Ant1_2452



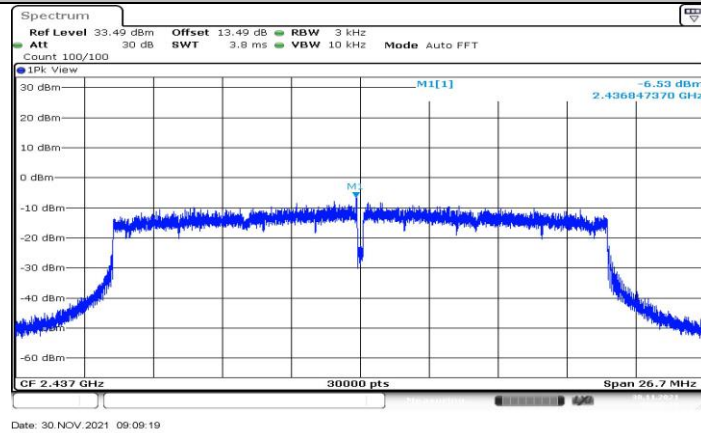
11N40MIMO_Ant2_2452



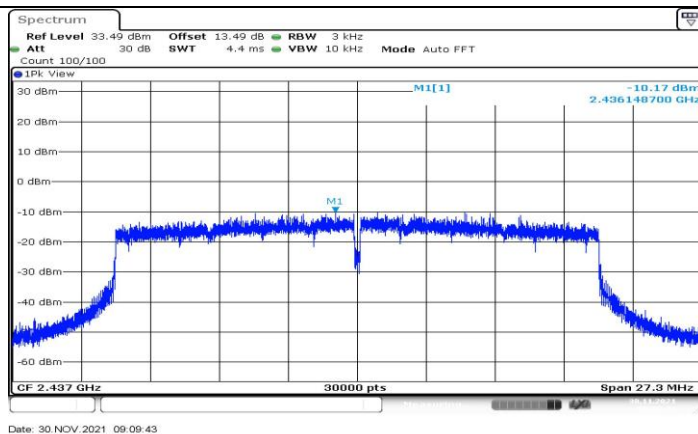
11AX20MIMO_Ant1_2412



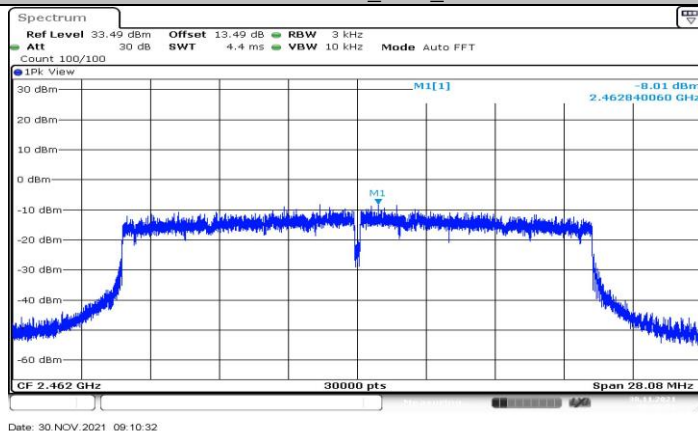
11AX20MIMO_Ant2_2412



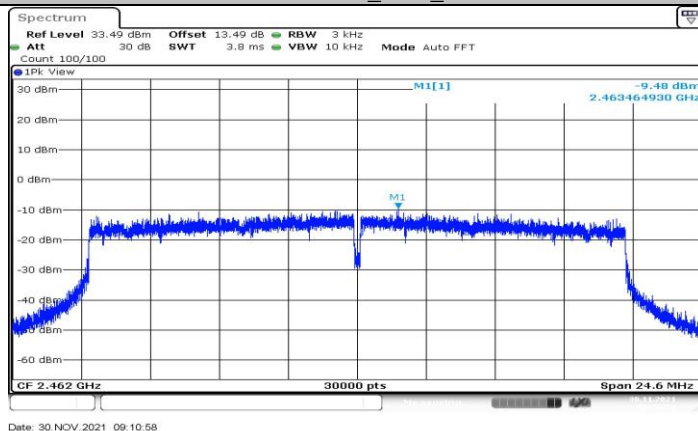
11AX20MIMO_Ant1_2437



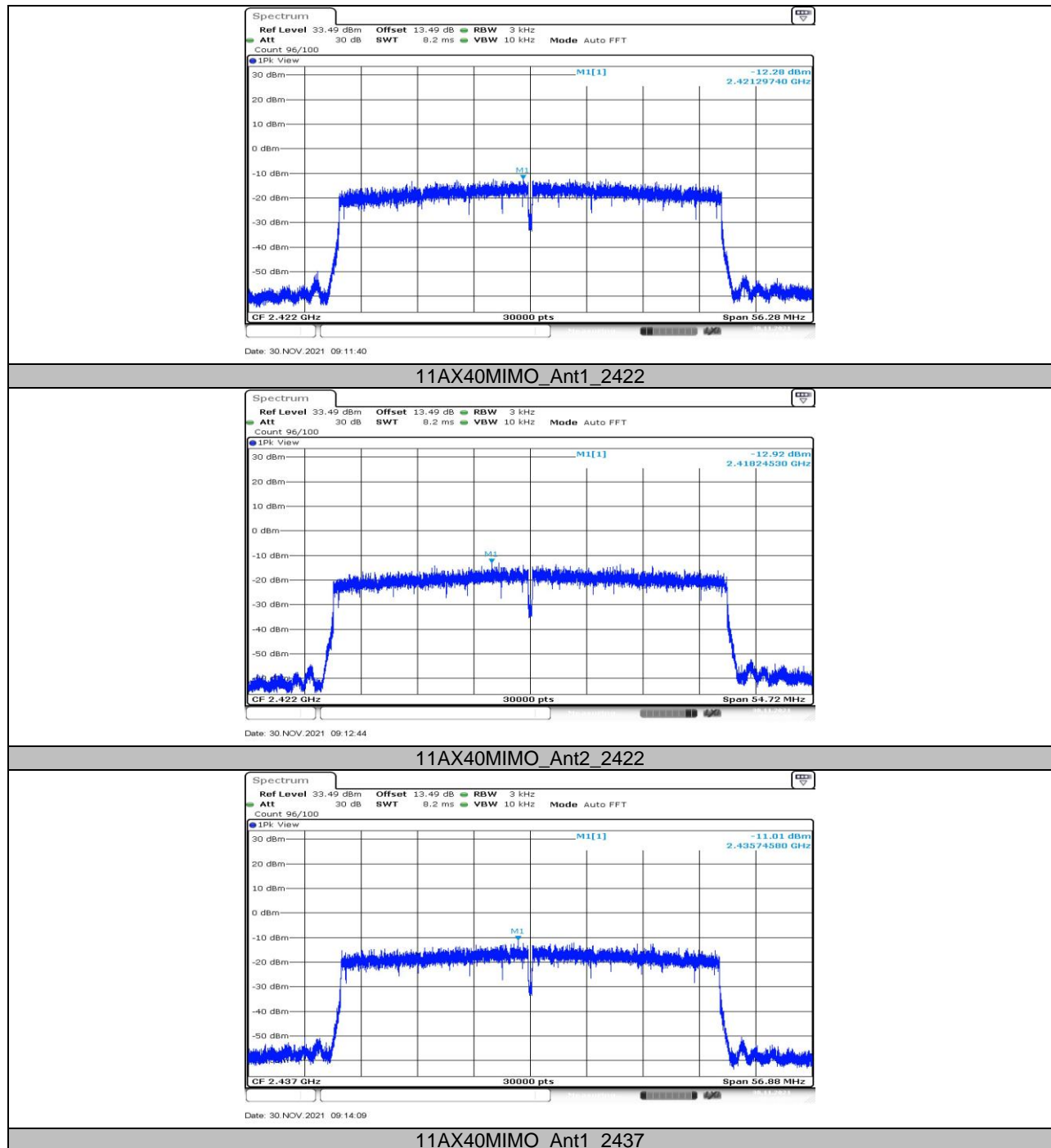
11AX20MIMO_Ant2_2437

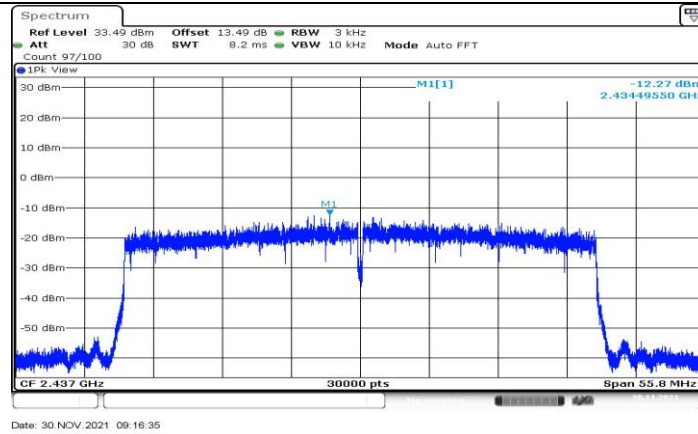


11AX20MIMO_Ant1_2462

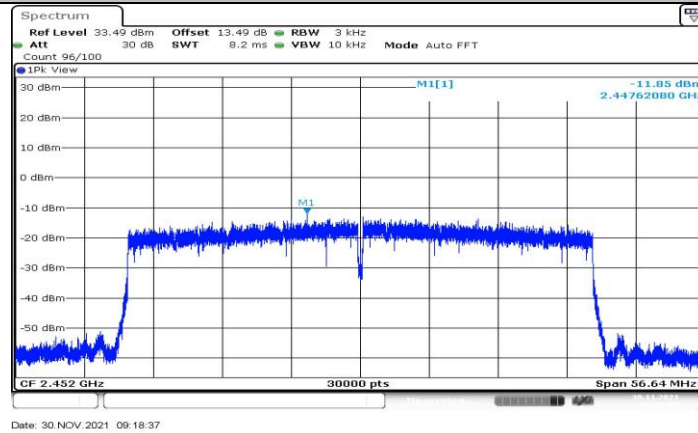


11AX20MIMO_Ant2_2462

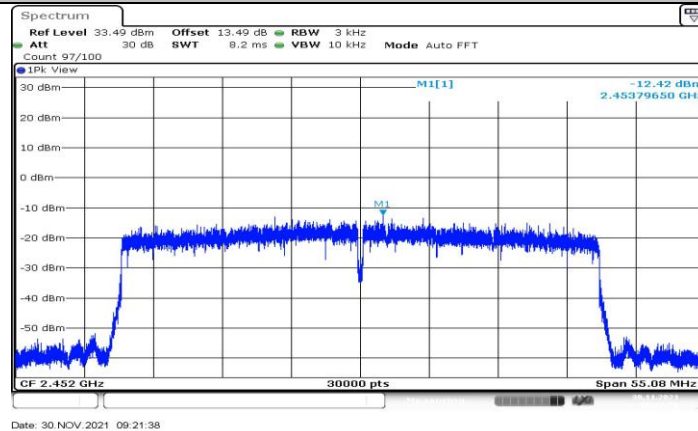




11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452

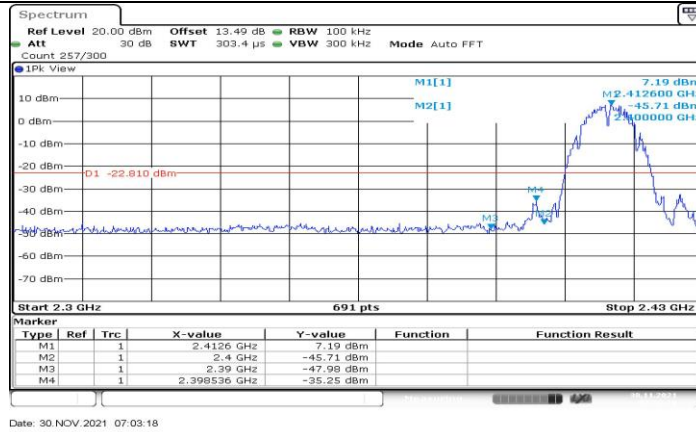


11AX40MIMO_Ant2_2452

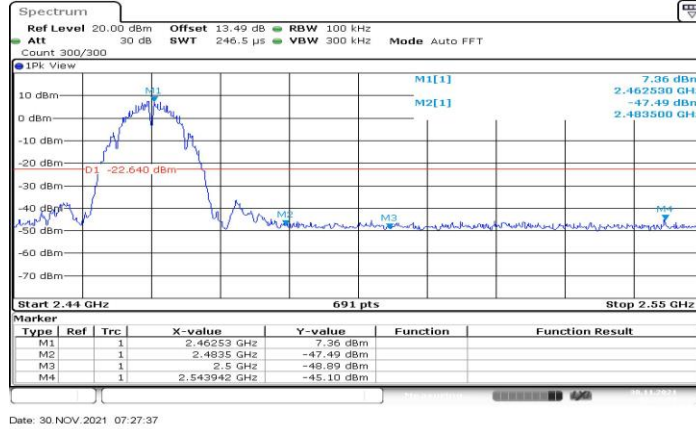
**11.5. Appendix E: Band Edge Measurements****11.5.1. Test Result**

Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.19	-35.25	≤-22.81	PASS
		High	2462	7.36	-45.1	≤-22.64	PASS
11G	Ant1	Low	2412	3.74	-41.67	≤-26.26	PASS
		High	2462	3.04	-45.22	≤-26.96	PASS
11N20MIMO	Ant1	Low	2412	2.94	-42.96	≤-27.06	PASS
	Ant2	Low	2412	1.23	-41.33	≤-28.77	PASS
	Ant1	High	2462	1.96	-44.14	≤-28.04	PASS
	Ant2	High	2462	1.16	-45.23	≤-28.84	PASS
11N40MIMO	Ant1	Low	2422	0.61	-40.64	≤-29.39	PASS
	Ant2	Low	2422	-1.14	-41.29	≤-31.14	PASS
	Ant1	High	2452	-0.19	-43.92	≤-30.19	PASS
	Ant2	High	2452	-0.90	-44.76	≤-30.9	PASS
11AX20MIMO	Ant1	Low	2412	6.67	-37.56	≤-23.33	PASS
	Ant2	Low	2412	3.70	-41.38	≤-26.3	PASS
	Ant1	High	2462	6.29	-44.21	≤-23.71	PASS
	Ant2	High	2462	4.84	-45.03	≤-25.16	PASS
11AX40MIMO	Ant1	Low	2422	2.68	-36.55	≤-27.32	PASS
	Ant2	Low	2422	2.89	-40.09	≤-27.11	PASS
	Ant1	High	2452	2.36	-39.82	≤-27.64	PASS
	Ant2	High	2452	2.18	-40.38	≤-27.82	PASS

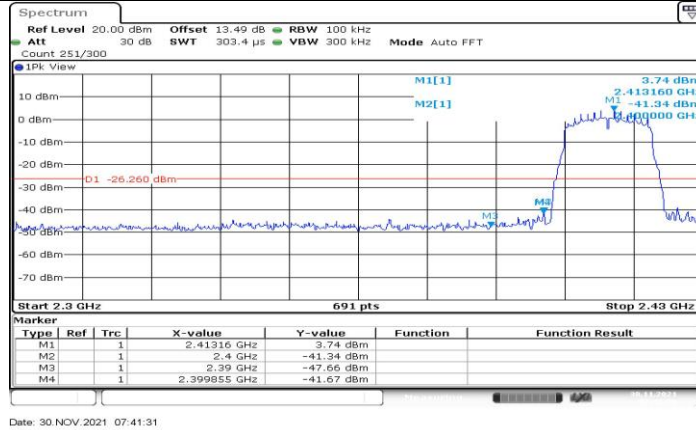
11.5.2. Test Graphs



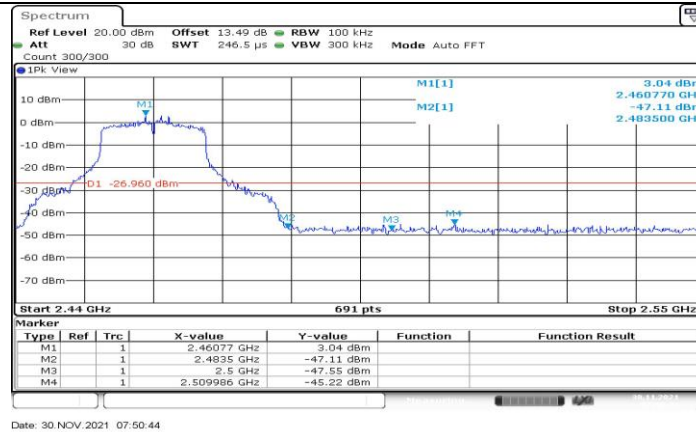
11B_Ant1_Low_2412



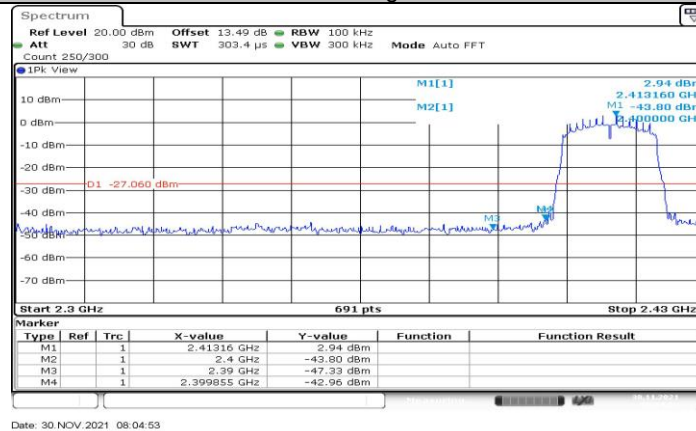
11B_Ant1_High_2462



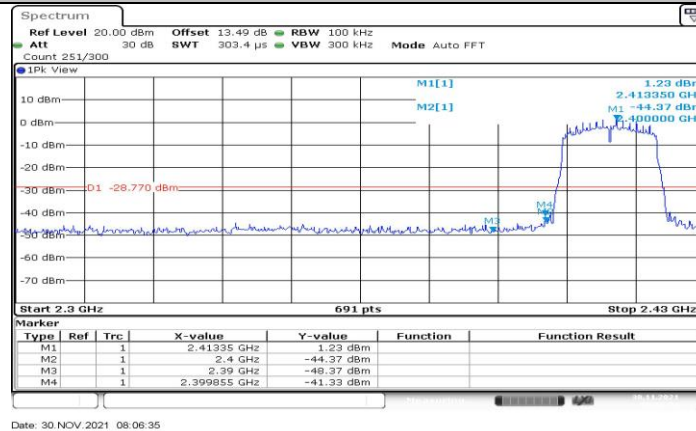
11G_Ant1_Low_2412



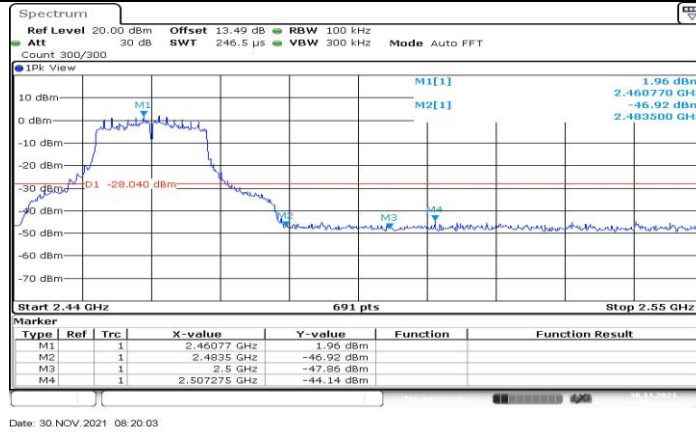
11G_Ant1_High_2462



11N20MIMO_Ant1_Low_2412



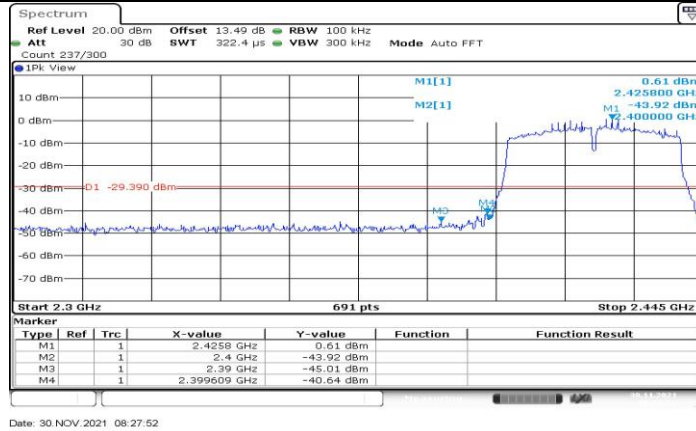
11N20MIMO_Ant2_Low_2412



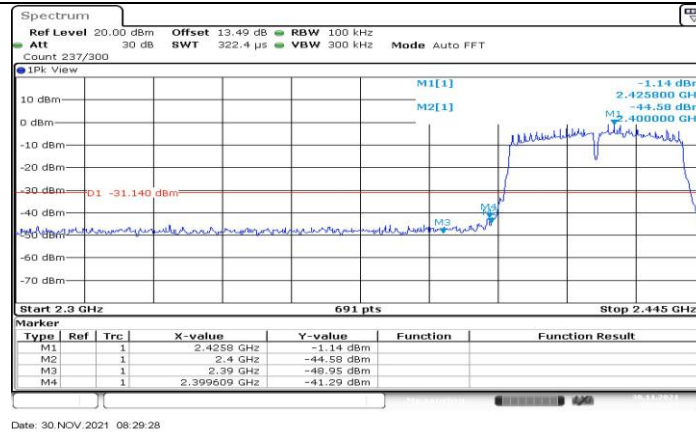
11N20MIMO_Ant1_High_2462



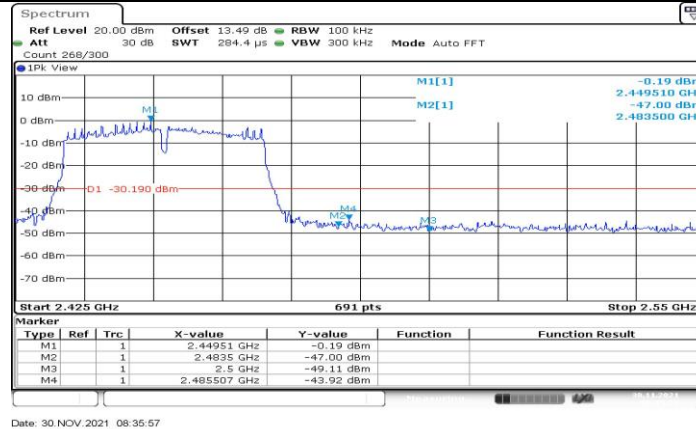
11N20MIMO_Ant2_High_2462



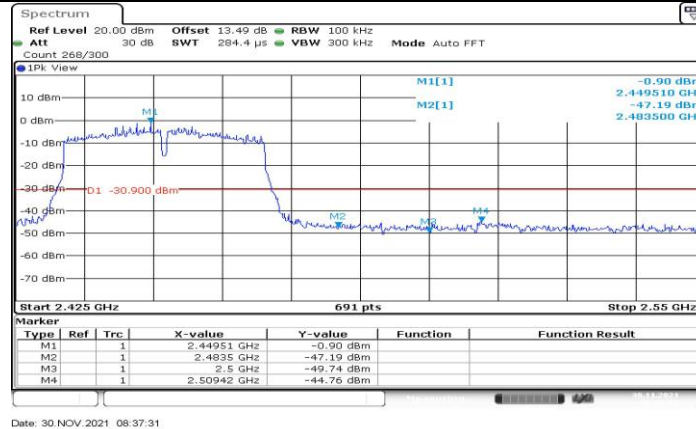
11N40MIMO_Ant1_Low_2422



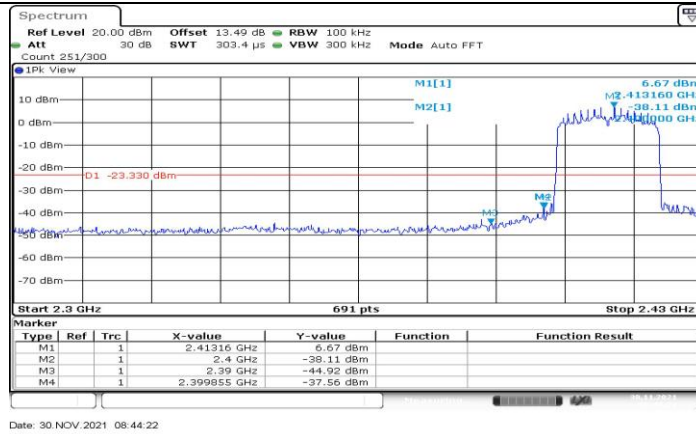
11N40MIMO_Ant2_Low_2422



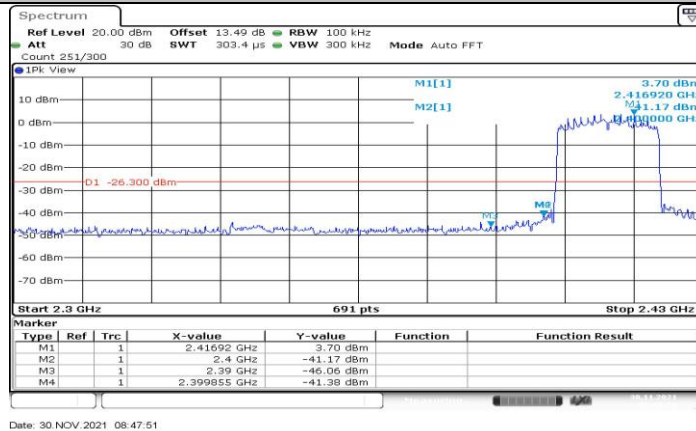
11N40MIMO_Ant1_High_2452



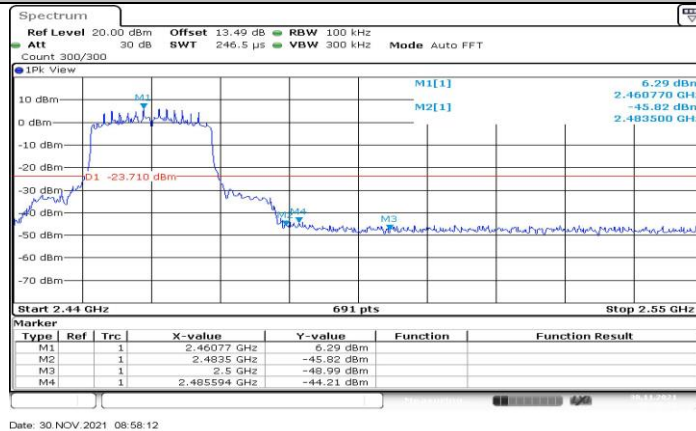
11N40MIMO_Ant2_High_2452



11AX20MIMO_Ant1_Low_2412



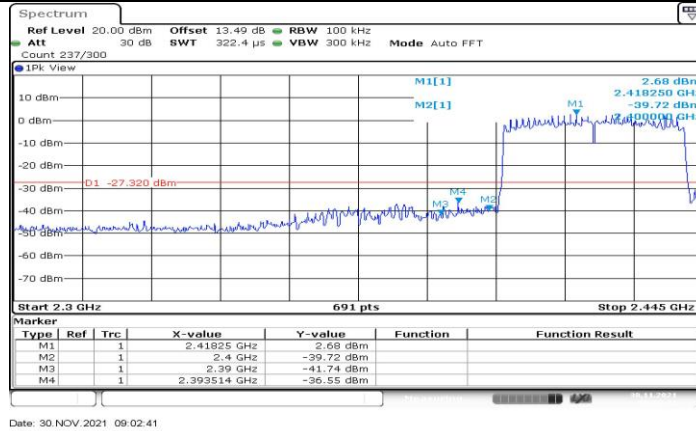
11AX20MIMO_Ant2_Low_2412



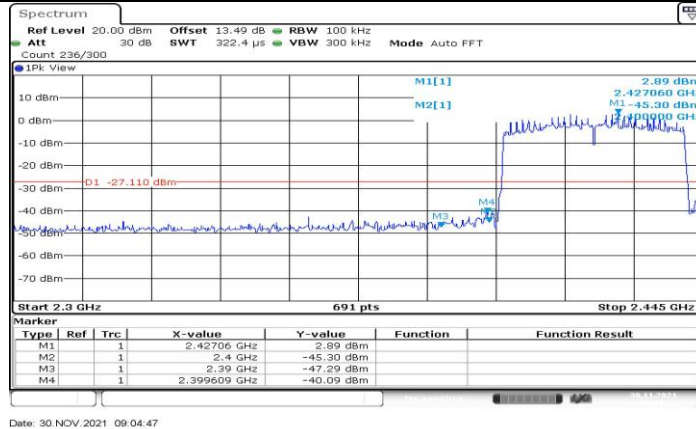
11AX20MIMO_Ant1_High_2462



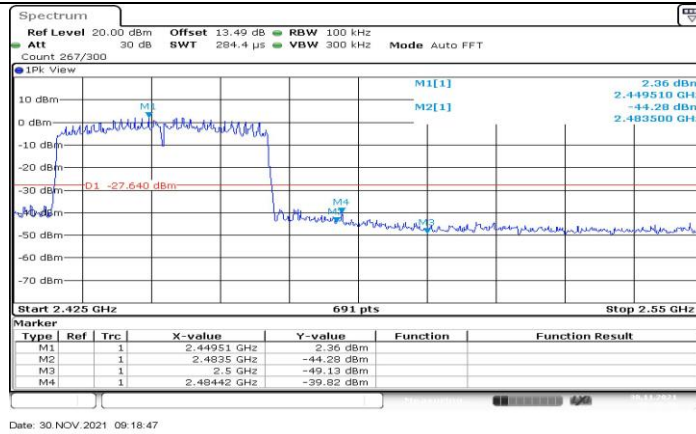
11AX20MIMO_Ant2_High_2462



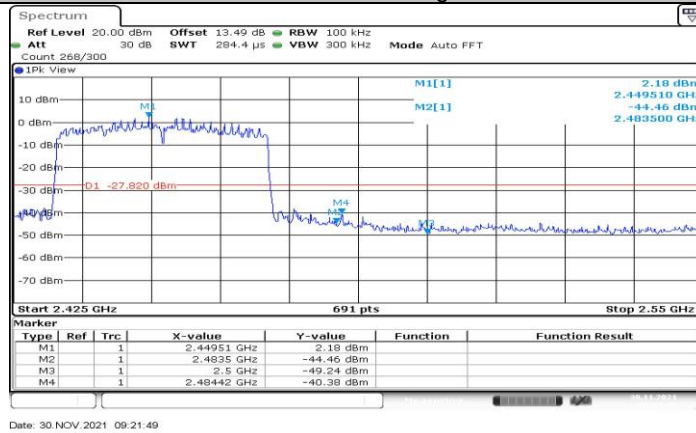
11AX40MIMO_Ant1_Low_2422



11AX40MIMO_Ant2_Low_2422



11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452

11.6. Appendix F: Conducted Spurious Emission

11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.27	---	PASS
			30~1000	-54.91	≤-21.73	PASS
			1000~26500	-49.08	≤-21.73	PASS
		2437	Reference	8.38	---	PASS
			30~1000	-54.67	≤-21.62	PASS
			1000~26500	-49.33	≤-21.62	PASS
		2462	Reference	7.55	---	PASS
			30~1000	-54.66	≤-22.45	PASS
			1000~26500	-48.27	≤-22.45	PASS
11G	Ant1	2412	Reference	3.63	---	PASS
			30~1000	-53.91	≤-26.37	PASS
			1000~26500	-49.2	≤-26.37	PASS
		2437	Reference	4.18	---	PASS
			30~1000	-54.24	≤-25.82	PASS
			1000~26500	-49.02	≤-25.82	PASS
		2462	Reference	3.74	---	PASS
			30~1000	-53.22	≤-26.26	PASS
			1000~26500	-48.05	≤-26.26	PASS
11N20MIMO	Ant1	2412	Reference	2.95	---	PASS
			30~1000	-54.27	≤-27.05	PASS
			1000~26500	-49.82	≤-27.05	PASS
	Ant2	2412	Reference	0.78	---	PASS
			30~1000	-54.22	≤-29.22	PASS
			1000~26500	-49.85	≤-29.22	PASS
	Ant1	2437	Reference	2.25	---	PASS
			30~1000	-54.75	≤-27.75	PASS
			1000~26500	-49.4	≤-27.75	PASS
	Ant2	2437	Reference	1.13	---	PASS
			30~1000	-54.37	≤-28.87	PASS
			1000~26500	-49	≤-28.87	PASS
	Ant1	2462	Reference	2.75	---	PASS
			30~1000	-54.05	≤-27.25	PASS
			1000~26500	-48.77	≤-27.25	PASS
	Ant2	2462	Reference	1.10	---	PASS
			30~1000	-54.41	≤-28.9	PASS
			1000~26500	-49.49	≤-28.9	PASS
11N40MIMO	Ant1	2422	Reference	0.71	---	PASS
			30~1000	-54.82	≤-29.29	PASS
			1000~26500	-49.02	≤-29.29	PASS
	Ant2	2422	Reference	-0.88	---	PASS
			30~1000	-54.9	≤-30.88	PASS
			1000~26500	-48.91	≤-30.88	PASS
	Ant1	2437	Reference	0.47	---	PASS
			30~1000	-53.63	≤-29.53	PASS
			1000~26500	-48.78	≤-29.53	PASS
	Ant2	2437	Reference	-0.93	---	PASS
			30~1000	-54.34	≤-30.93	PASS
			1000~26500	-48.84	≤-30.93	PASS
	Ant1	2452	Reference	-0.51	---	PASS
			30~1000	-53.87	≤-30.51	PASS
			1000~26500	-49.08	≤-30.51	PASS
	Ant2	2452	Reference	-1.14	---	PASS
			30~1000	-54.38	≤-31.14	PASS



			1000~26500	-48.91	≤ -31.14	PASS
11AX20MIMO	Ant1	2412	Reference	6.62	---	PASS
			30~1000	-53.61	≤ -23.38	PASS
			1000~26500	-48.2	≤ -23.38	PASS
	Ant2	2412	Reference	4.74	---	PASS
			30~1000	-54.5	≤ -25.26	PASS
			1000~26500	-49.21	≤ -25.26	PASS
	Ant1	2437	Reference	6.95	---	PASS
			30~1000	-54.4	≤ -23.05	PASS
			1000~26500	-48.99	≤ -23.05	PASS
	Ant2	2437	Reference	4.88	---	PASS
			30~1000	-54.12	≤ -25.12	PASS
			1000~26500	-48.79	≤ -25.12	PASS
	Ant1	2462	Reference	6.48	---	PASS
			30~1000	-54.87	≤ -23.52	PASS
			1000~26500	-49.32	≤ -23.52	PASS
	Ant2	2462	Reference	5.10	---	PASS
			30~1000	-55.07	≤ -24.9	PASS
			1000~26500	-49.12	≤ -24.9	PASS
11AX40MIMO	Ant1	2422	Reference	4.06	---	PASS
			30~1000	-54.64	≤ -25.94	PASS
			1000~26500	-49.32	≤ -25.94	PASS
	Ant2	2422	Reference	2.85	---	PASS
			30~1000	-54.33	≤ -27.15	PASS
			1000~26500	-49.28	≤ -27.15	PASS
	Ant1	2437	Reference	1.86	---	PASS
			30~1000	-53.46	≤ -28.14	PASS
			1000~26500	-49.43	≤ -28.14	PASS
	Ant2	2437	Reference	1.52	---	PASS
			30~1000	-54.2	≤ -28.48	PASS
			1000~26500	-49.07	≤ -28.48	PASS
	Ant1	2452	Reference	2.60	---	PASS
			30~1000	-54.23	≤ -27.4	PASS
			1000~26500	-49.68	≤ -27.4	PASS
	Ant2	2452	Reference	1.19	---	PASS
			30~1000	-54.92	≤ -28.81	PASS
			1000~26500	-49.35	≤ -28.81	PASS