12.3.2. Test Graphs

11AX20MIMO_Ant1_5955

11AX40MIMO_Ant1_5965

11AX80MIMO_Ant1_5985

12.4. Appendix C: Maximum Average Conducted Output Power

12.4.1. STBC/SDM Mode Test Result

Mode	Frequency (MHz)	Conducted Average Output Power (dBm)			EIRP Power (dBm)	Directional Gain (dBi)	Limit (dBm)
		ANT1	ANT2	Total			
11ax HE20	5955	-0.32	-0.34	2.68	7.38	4.7	24
	6175	-0.75	0.52	2.94	7.64	4.7	24
	6415	-0.34	-0.26	2.71	7.41	4.7	24
	6435	-0.36	-0.09	2.79	7.49	4.7	24
	6475	-0.70	-0.91	2.21	6.91	4.7	24
	6515	0.00	-0.26	2.88	7.58	4.7	24
	6535	-0.42	-0.62	2.49	7.19	4.7	24
	6715	-0.41	-0.14	2.74	7.44	4.7	24
	6855	-0.22	-0.08	2.86	7.56	4.7	24
	6875	-0.52	-0.29	2.61	7.31	4.7	24
	7015	-0.44	-0.39	2.60	7.30	4.7	24
	7115	-0.36	-0.12	2.77	7.47	4.7	24
11ax HE40	5965	-0.08	0.62	3.29	7.99	4.7	24
	6165	-0.28	1.59	3.77	8.47	4.7	24
	6405	0.23	0.75	3.51	8.21	4.7	24
	6445	0.97	1.39	4.20	8.90	4.7	24
	6485	0.84	0.87	3.87	8.57	4.7	24
	6525	0.83	0.90	3.88	8.58	4.7	24
	6565	0.93	1.56	4.27	8.97	4.7	24
	6725	0.65	1.68	4.21	8.91	4.7	24
	6845	0.66	1.31	4.01	8.71	4.7	24
	6885	0.31	0.70	3.52	8.22	4.7	24
	7005	0.86	1.16	4.02	8.72	4.7	24
	7085	1.22	1.77	4.51	9.21	4.7	24
11ax HE80	5985	1.49	2.40	4.98	9.68	4.7	24
	6145	1.14	2.62	4.95	9.65	4.7	24
	6385	1.63	2.03	4.84	9.54	4.7	24
	6465	1.61	1.47	4.55	9.25	4.7	24
	6545	1.90	1.73	4.83	9.53	4.7	24
	6625	2.06	2.64	5.37	10.07	4.7	24
	6705	2.09	2.97	5.56	10.26	4.7	24
	6785	1.72	3.04	5.44	10.14	4.7	24
	6865	2.35	2.51	5.44	10.14	4.7	24
	6945	2.25	2.13	5.20	9.90	4.7	24
	7025	2.74	2.10	5.44	10.14	4.7	24

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.

12.4.1. CDD Mode Test Result

Mode	Frequency (MHz)	Conducted Average Output Power (dBm)			EIRP Power (dBm)	Directional Gain (dBi)	Limit (dBm)
		ANT1	ANT2	Total			
11ax HE20	5955	-3.19	-3.16	-0.16	4.54	7.71	24
	6175	-3.96	-2.79	-0.33	4.37	7.71	24
	6415	-3.04	-2.83	0.08	4.78	7.71	24
	6435	-3.10	-3.04	-0.06	4.64	7.71	24
	6475	-2.92	-3.24	-0.07	4.63	7.71	24
	6515	-2.79	-2.98	0.13	4.83	7.71	24
	6535	-2.57	-2.79	0.33	5.03	7.71	24
	6715	-3.26	-2.75	0.01	4.71	7.71	24
	6855	-2.85	-2.76	0.21	4.91	7.71	24
	6875	-2.96	-2.89	0.09	4.79	7.71	24
	7015	-2.57	-3.30	0.09	4.79	7.71	24
	7115	-3.70	-3.20	-0.43	4.27	7.71	24
11ax HE40	5965	-1.85	-1.51	1.33	6.03	7.71	24
	6165	-1.66	-0.99	1.70	6.40	7.71	24
	6405	-2.52	-1.55	1.00	5.70	7.71	24
	6445	-2.42	-1.79	0.92	5.62	7.71	24
	6485	-2.89	-2.21	0.47	5.17	7.71	24
	6525	-2.87	-2.19	0.49	5.19	7.71	24
	6565	-2.56	-1.76	0.87	5.57	7.71	24
	6725	-2.90	-1.42	0.91	5.61	7.71	24
	6845	-2.85	-1.97	0.62	5.32	7.71	24
	6885	-2.40	-1.98	0.83	5.53	7.71	24
	7005	-2.46	-2.63	0.47	5.17	7.71	24
	7085	-2.55	-1.56	0.98	5.68	7.71	24
11ax HE80	5985	-0.65	0.10	2.75	7.45	7.71	24
	6145	-0.94	0.84	3.05	7.75	7.71	24
	6385	-1.50	-0.94	1.80	6.50	7.71	24
	6465	0.25	0.28	3.28	7.98	7.71	24
	6545	-0.68	-0.63	2.36	7.06	7.71	24
	6625	0.87	-0.53	3.24	7.94	7.71	24
	6705	0.39	0.99	3.71	8.41	7.71	24
	6785	0.94	-0.35	3.35	8.05	7.71	24
	6865	0.41	0.92	3.68	8.38	7.71	24
	6945	0.75	0.90	3.84	8.54	7.71	24
	7025	1.10	0.97	4.05	8.75	7.71	24

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.

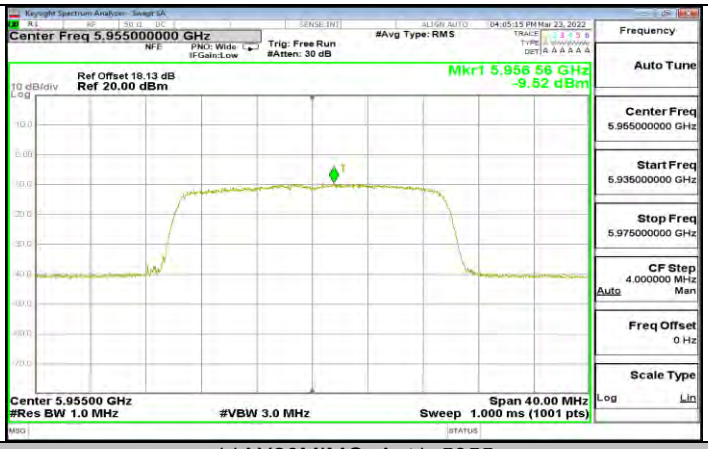
12.5. Appendix D: Maximum Power Spectral Density

12.5.1. STBC/SDM Mode Test Result

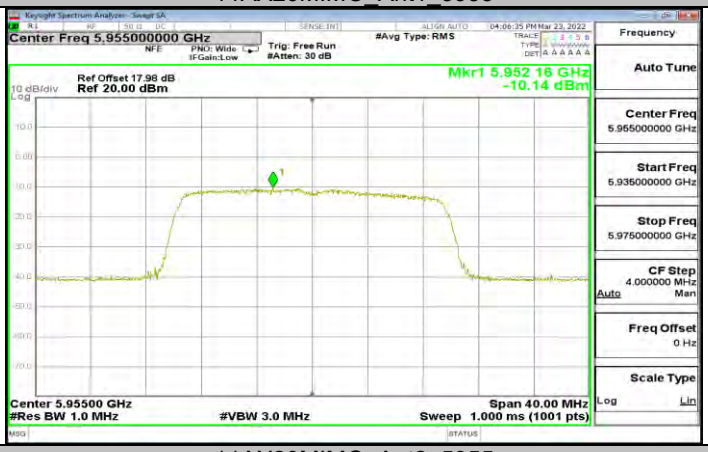
Mode	Frequency (MHz)	PSD (dBm/MHz)			Directional gain (dBi)	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)
		ANT1	ANT2	Total			
802.11ax HE20	5955	-9.52	-10.14	-6.81	4.7	-2.11	-1
	6175	-9.60	-9.63	-6.60	4.7	-1.90	-1
	6415	-9.08	-9.85	-6.44	4.7	-1.74	-1
	6435	-10.07	-10.00	-7.02	4.7	-2.32	-1
	6475	-9.54	-9.57	-6.54	4.7	-1.84	-1
	6515	-9.93	-9.27	-6.58	4.7	-1.88	-1
	6535	-9.42	-10.24	-6.80	4.7	-2.10	-1
	6715	-10.11	-9.38	-6.72	4.7	-2.02	-1
	6855	-10.04	-9.49	-6.75	4.7	-2.05	-1
	6875	-10.36	-10.55	-7.44	4.7	-2.74	-1
	7015	-9.72	-10.44	-7.05	4.7	-2.35	-1
	7115	-9.66	-9.73	-6.68	4.7	-1.98	-1
802.11ax HE40	5965	-10.30	-9.88	-7.07	4.7	-2.37	-1
	6165	-11.27	-8.77	-6.83	4.7	-2.13	-1
	6405	-9.89	-10.30	-7.08	4.7	-2.38	-1
	6445	-9.27	-9.45	-6.35	4.7	-1.65	-1
	6485	-9.53	-9.47	-6.49	4.7	-1.79	-1
	6525	-9.05	-10.17	-6.56	4.7	-1.86	-1
	6565	-9.72	-9.44	-6.57	4.7	-1.87	-1
	6725	-10.77	-8.57	-6.52	4.7	-1.82	-1
	6845	-10.38	-9.42	-6.86	4.7	-2.16	-1
	6885	-10.20	-9.84	-7.01	4.7	-2.31	-1
	7005	-9.45	-9.82	-6.62	4.7	-1.92	-1
	7085	-9.62	-9.29	-6.44	4.7	-1.74	-1
802.11ax HE80	5985	-9.60	-10.05	-6.81	4.7	-2.11	-1
	6145	-10.51	-9.32	-6.86	4.7	-2.16	-1
	6385	-9.20	-9.84	-6.50	4.7	-1.80	-1
	6465	-9.15	-9.67	-6.39	4.7	-1.69	-1
	6545	-9.55	-10.05	-6.78	4.7	-2.08	-1
	6625	-9.00	-10.37	-6.62	4.7	-1.92	-1
	6705	-9.48	-9.53	-6.49	4.7	-1.79	-1
	6785	-9.13	-9.52	-6.31	4.7	-1.61	-1
	6865	-9.46	-10.55	-6.96	4.7	-2.26	-1
	6945	-8.75	-10.00	-6.32	4.7	-1.62	-1
	7025	-8.70	-10.82	-6.62	4.7	-1.92	-1

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

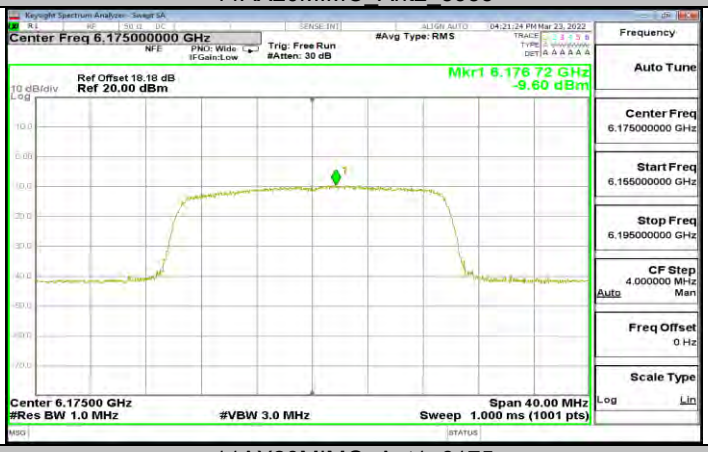
12.5.2. STBC/SDM Mode Test Graphs



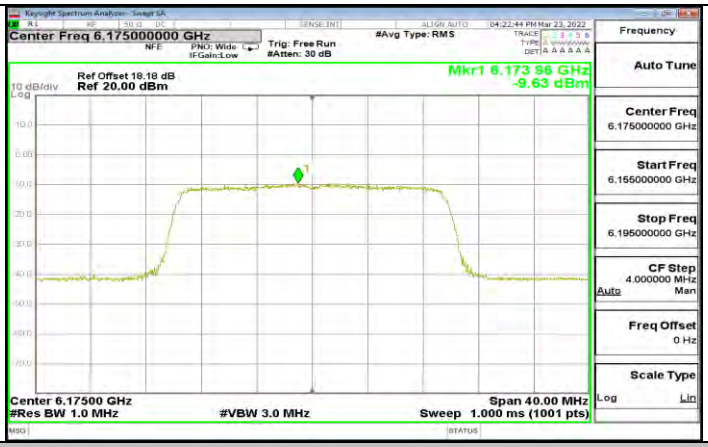
11AX20MIMO_Ant1_5955



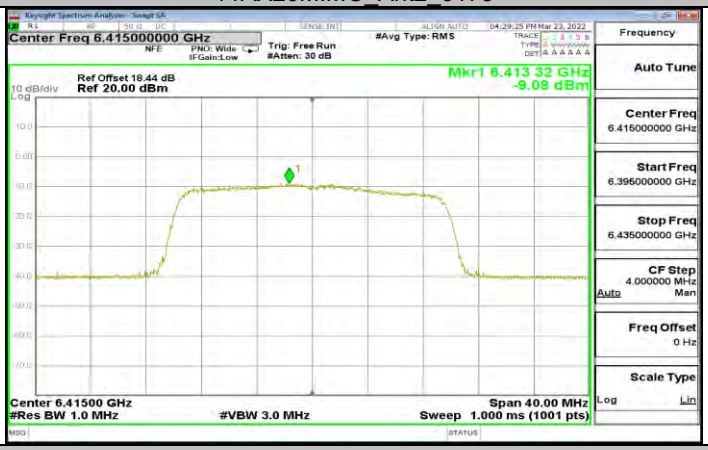
11AX20MIMO_Ant2_5955



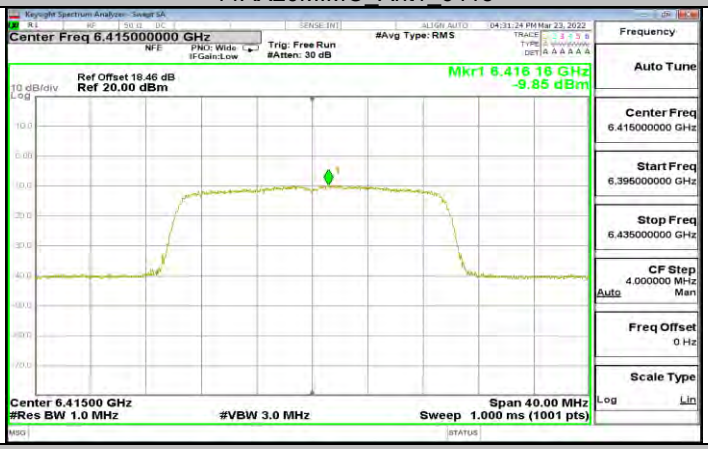
11AX20MIMO_Ant1_6175



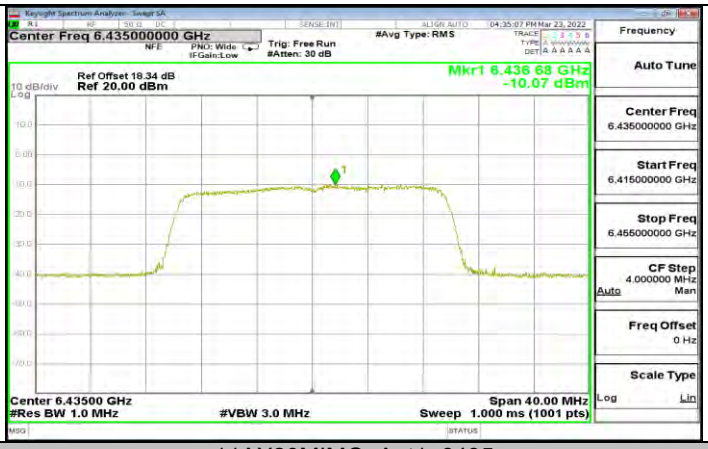
11AX20MIMO_Ant2_6175



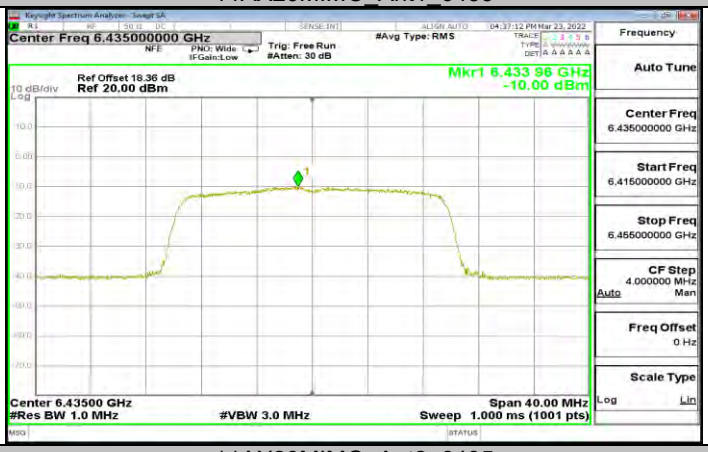
11AX20MIMO_Ant1_6415



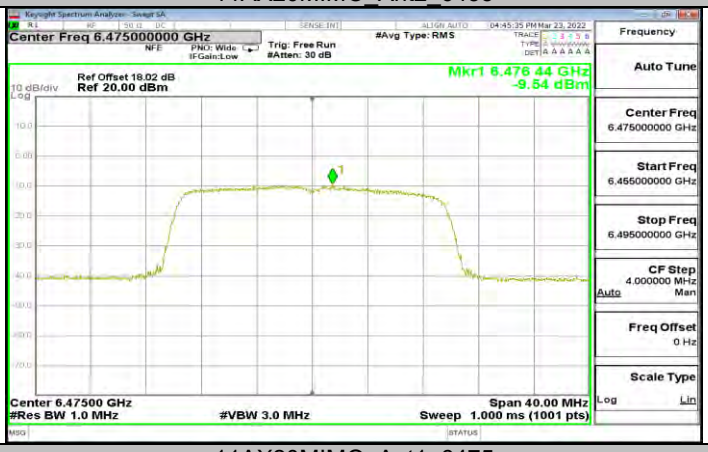
11AX20MIMO_Ant2_6415



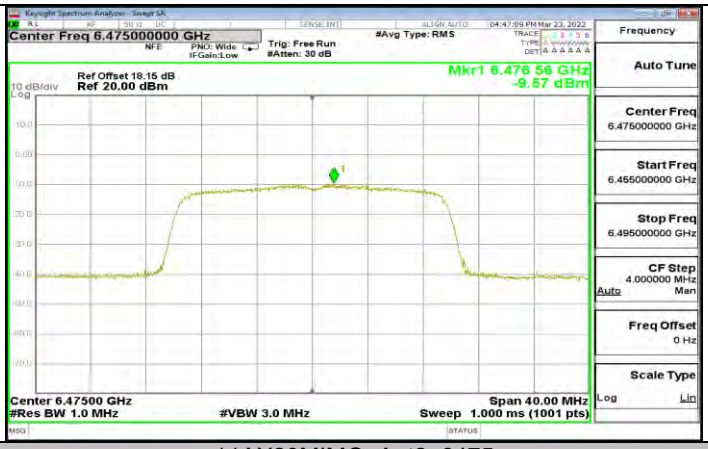
11AX20MIMO_Ant1_6435



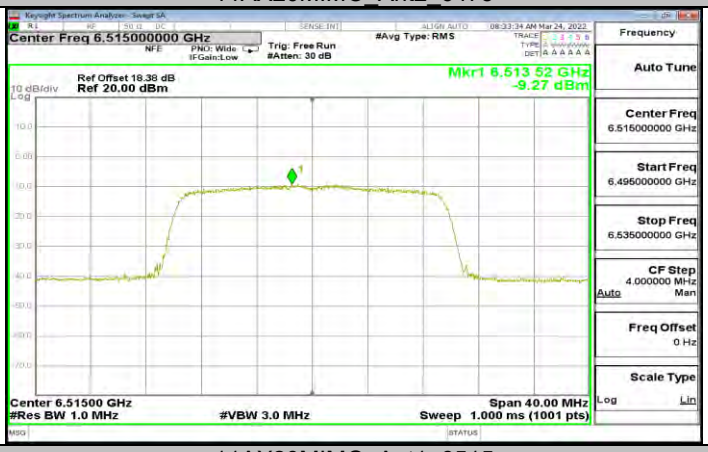
11AX20MIMO_Ant2_6435



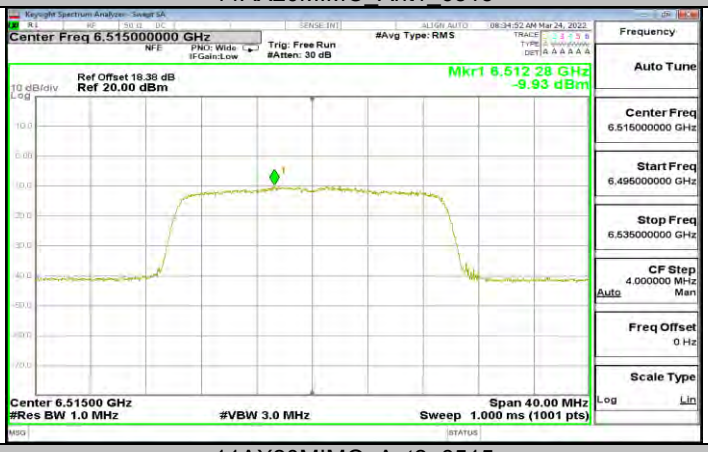
11AX20MIMO_Ant1_6475



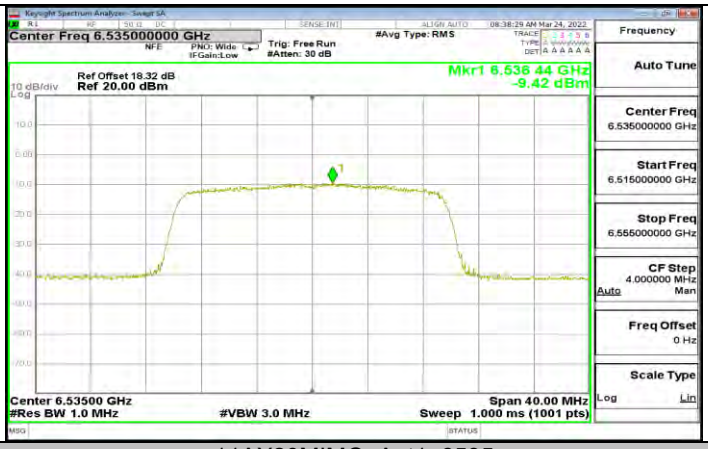
11AX20MIMO_Ant2_6475



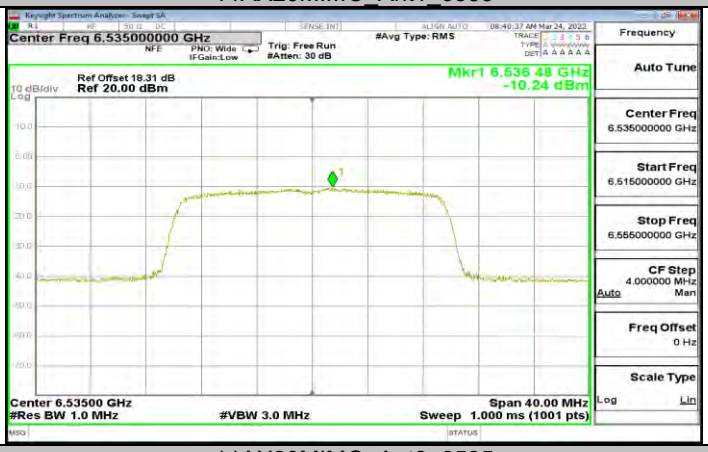
11AX20MIMO_Ant1_6515



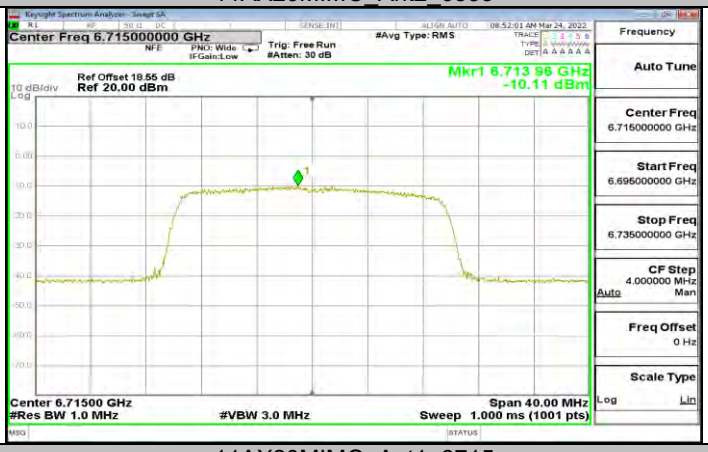
11AX20MIMO_Ant2_6515



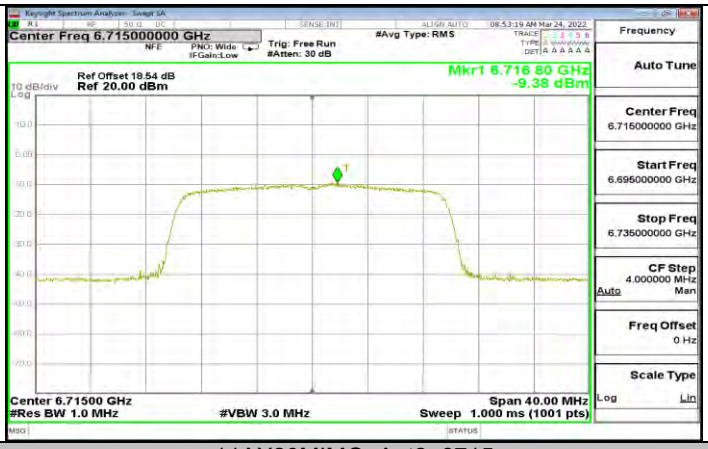
11AX20MIMO_Ant1_6535



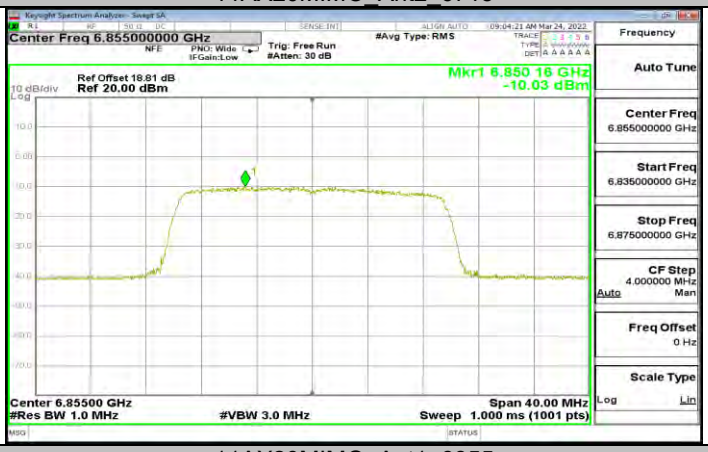
11AX20MIMO_Ant2_6535



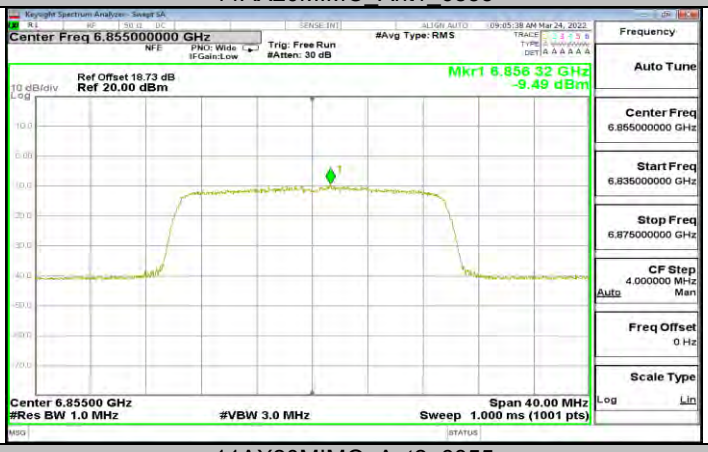
11AX20MIMO_Ant1_6715



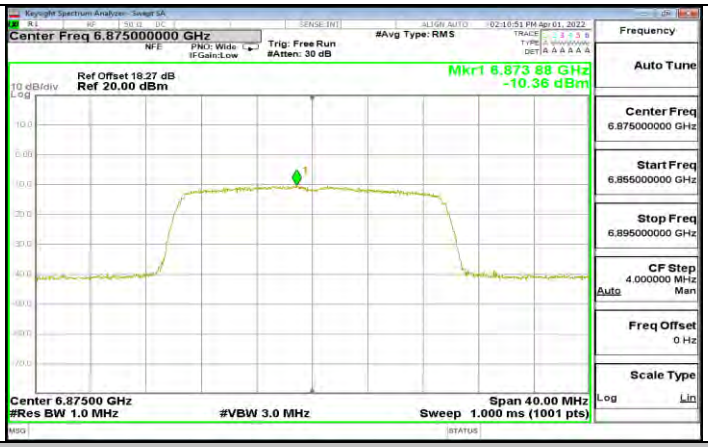
11AX20MIMO_Ant2_6715



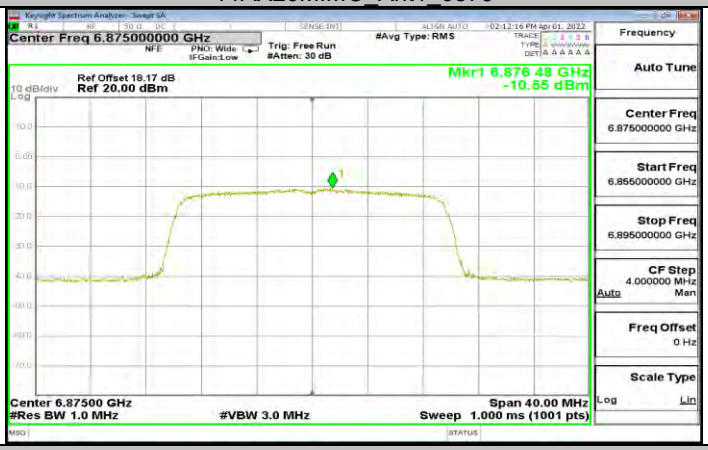
11AX20MIMO_Ant1_6855



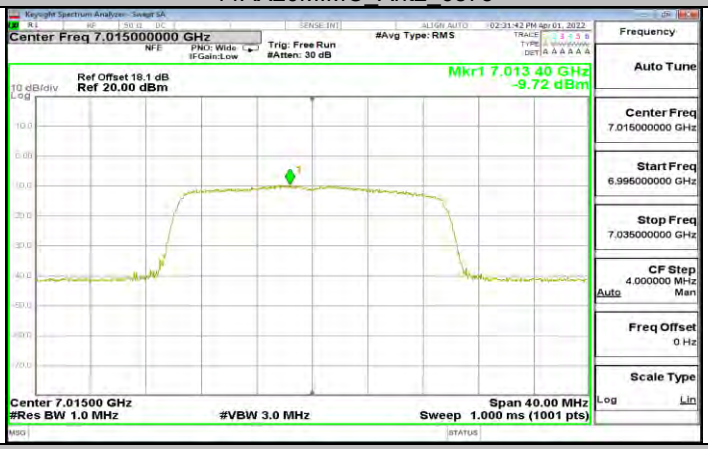
11AX20MIMO_Ant2_6855



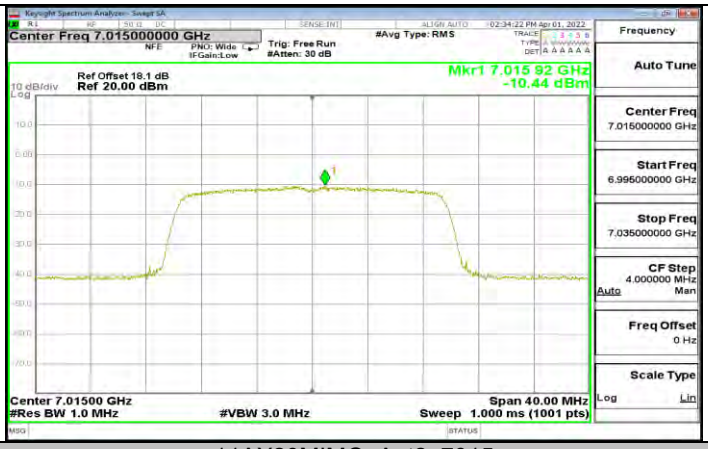
11AX20MIMO_Ant1_6875



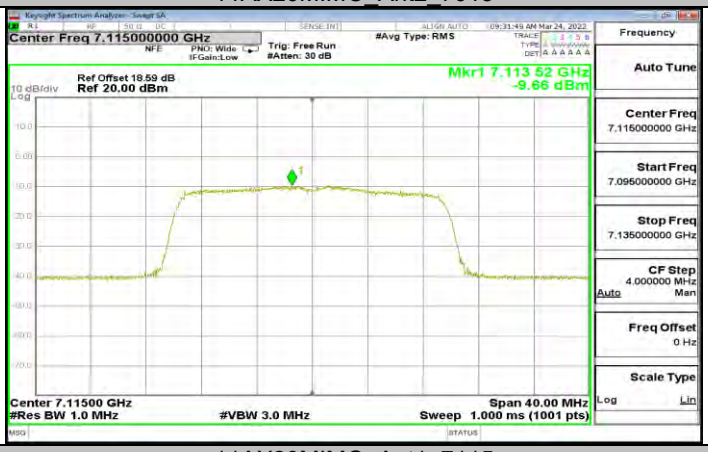
11AX20MIMO_Ant2_6875



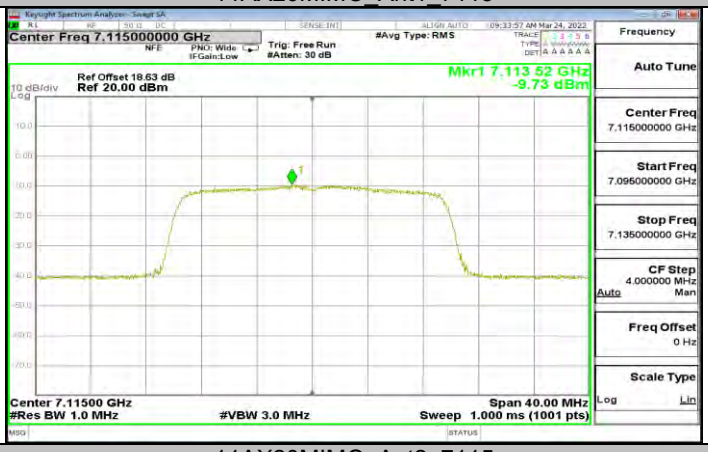
11AX20MIMO_Ant1_7015



11AX20MIMO_Ant2_7015

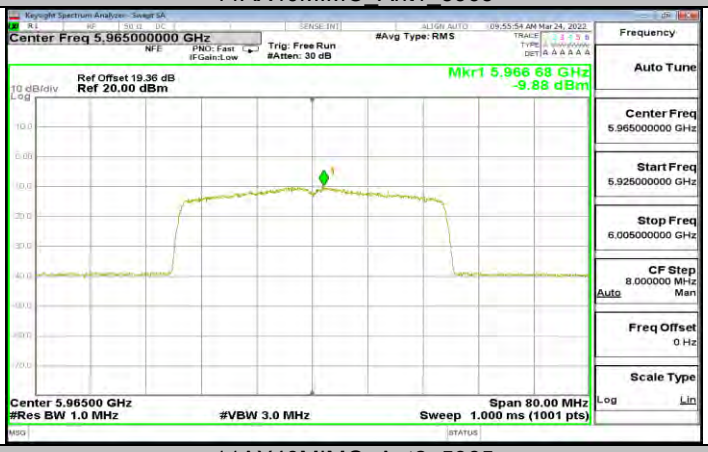


11AX20MIMO_Ant1_7115

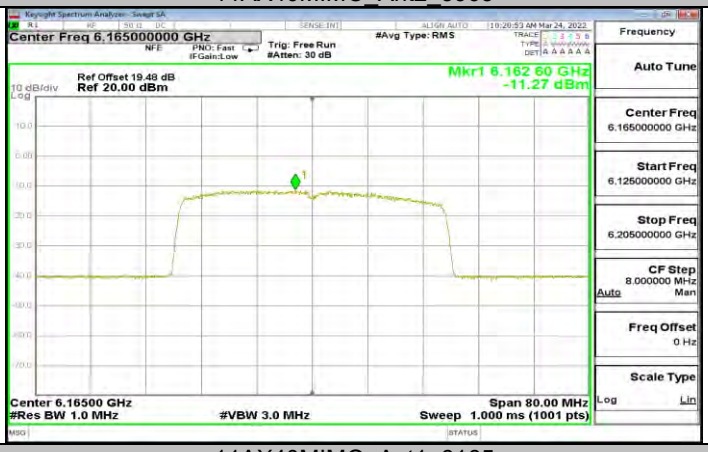


11AX20MIMO_Ant2_7115

11AX40MIMO_Ant1_5965

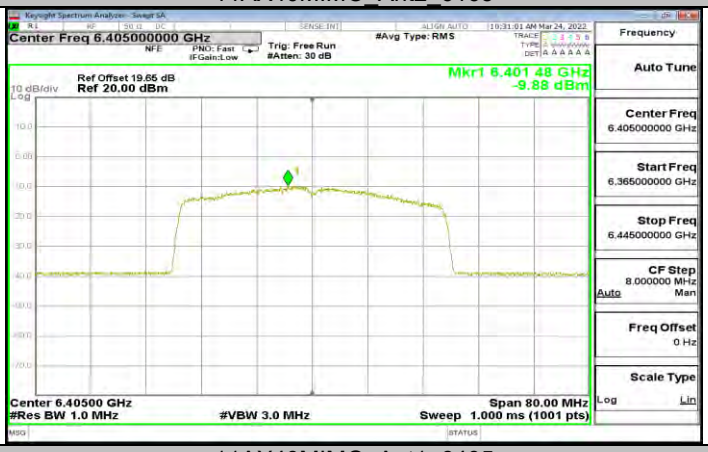


11AX40MIMO_Ant2_5965

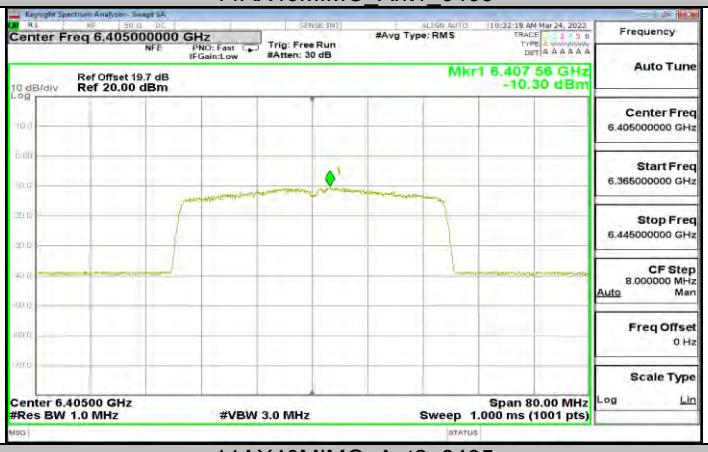


11AX40MIMO_Ant1_6165

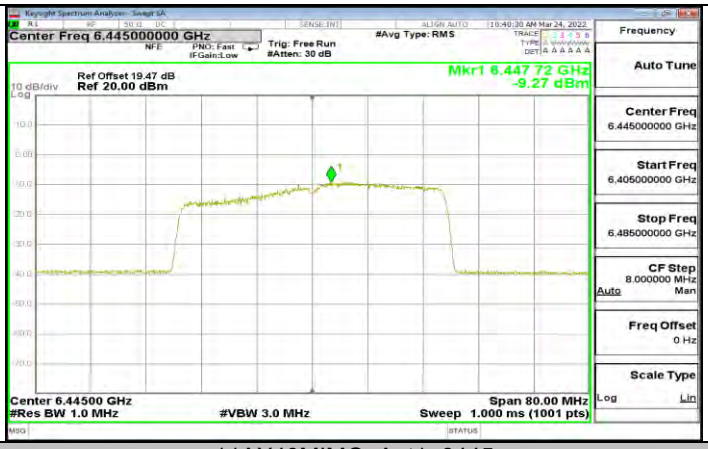
11AX40MIMO_Ant2_6165



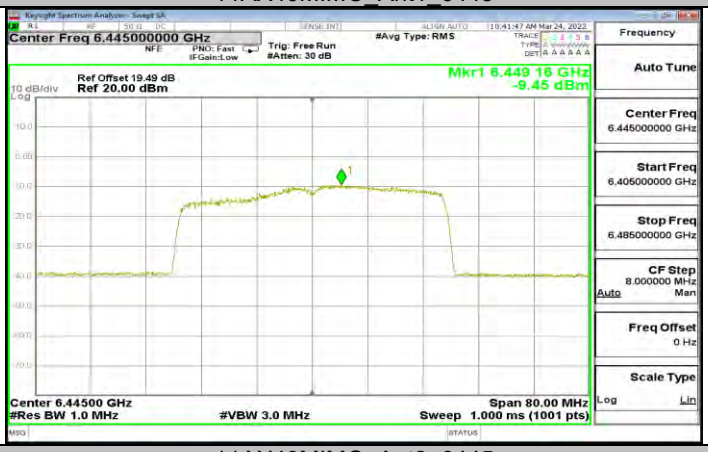
11AX40MIMO_Ant1_6405



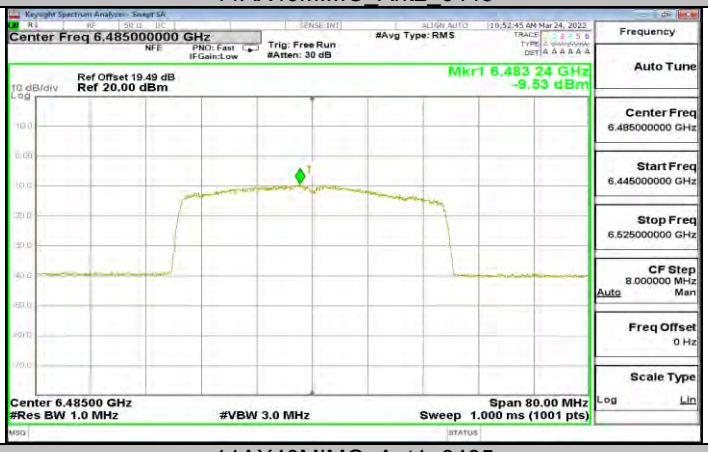
11AX40MIMO_Ant2_6405



11AX40MIMO_Ant1_6445

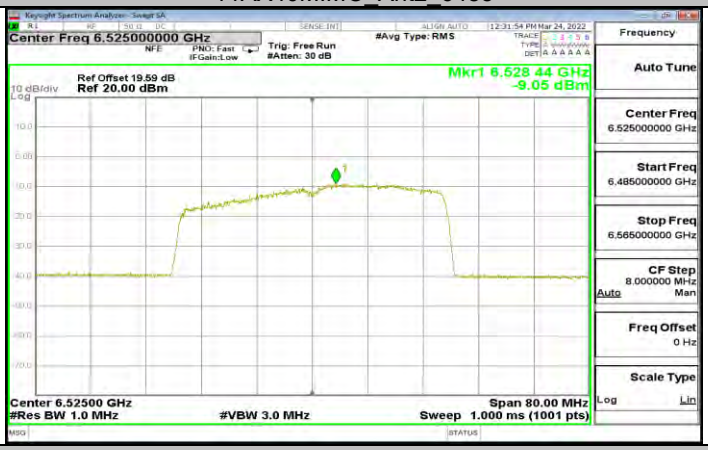


11AX40MIMO_Ant2_6445

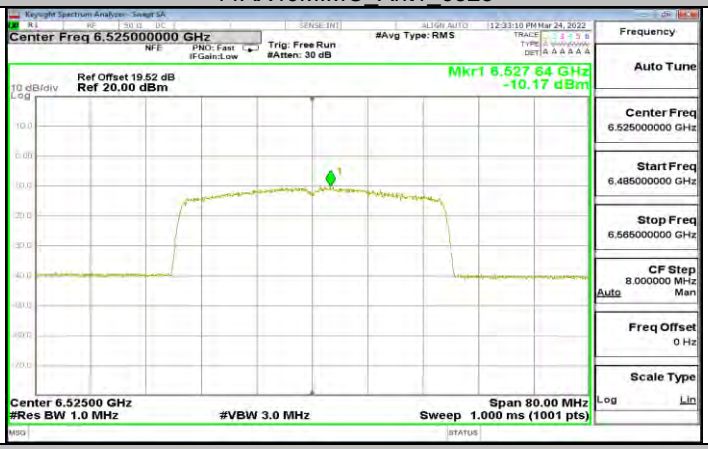


11AX40MIMO_Ant1_6485

11AX40MIMO_Ant2_6485

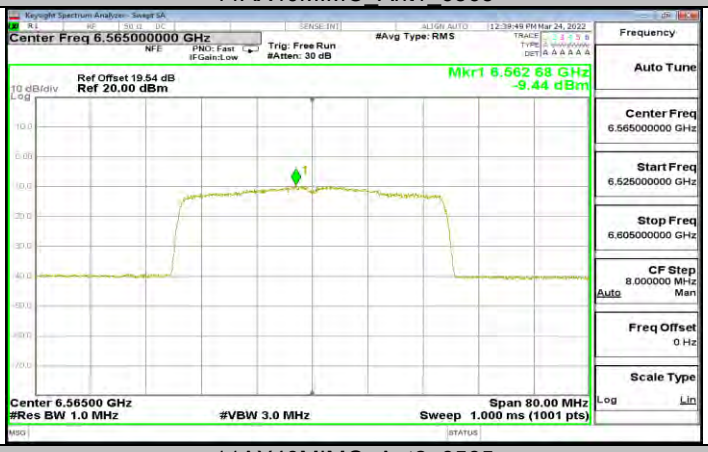


11AX40MIMO_Ant1_6525

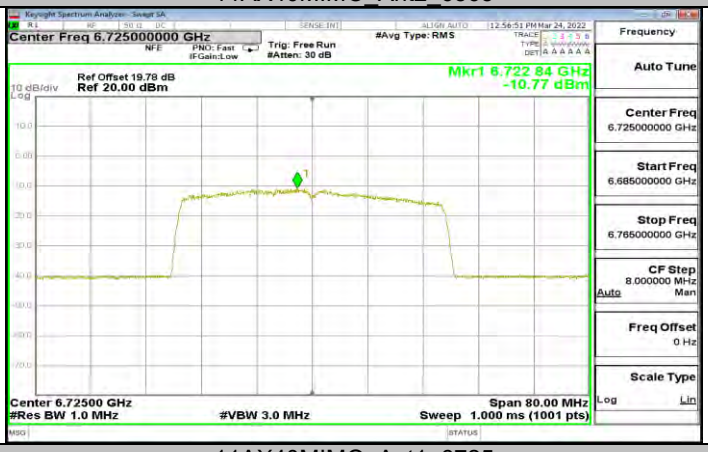


11AX40MIMO_Ant2_6525

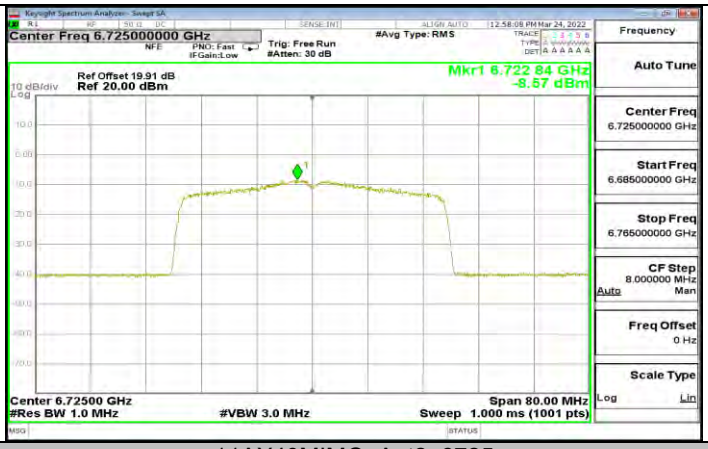
11AX40MIMO_Ant1_6565



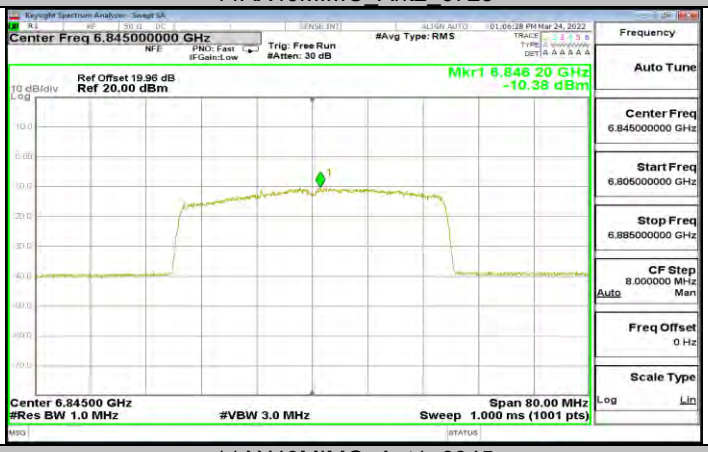
11AX40MIMO_Ant2_6565



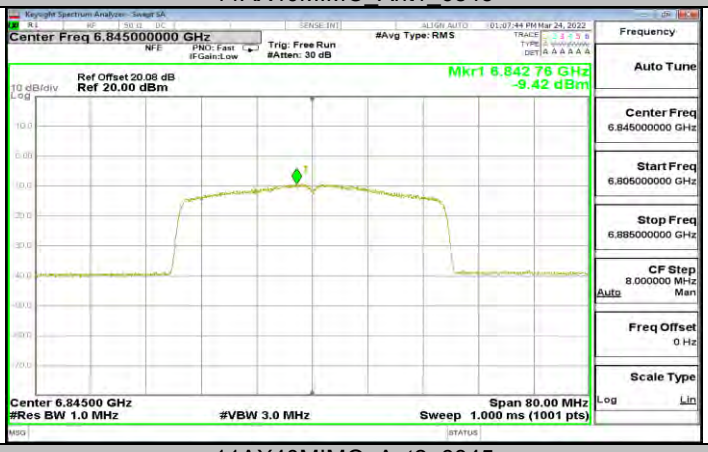
11AX40MIMO_Ant1_6725



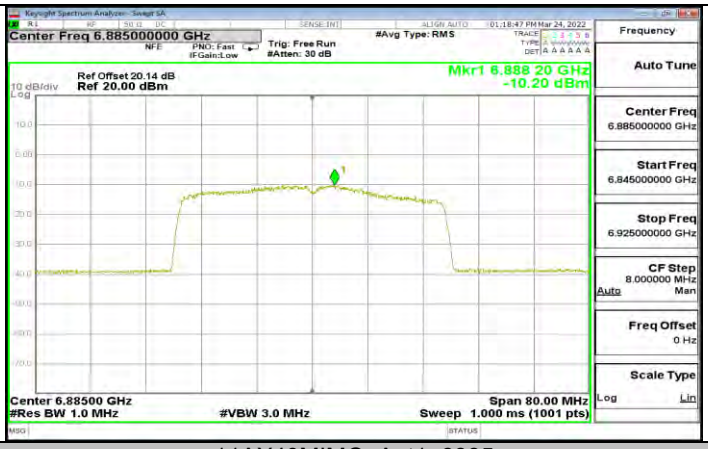
11AX40MIMO_Ant2_6725



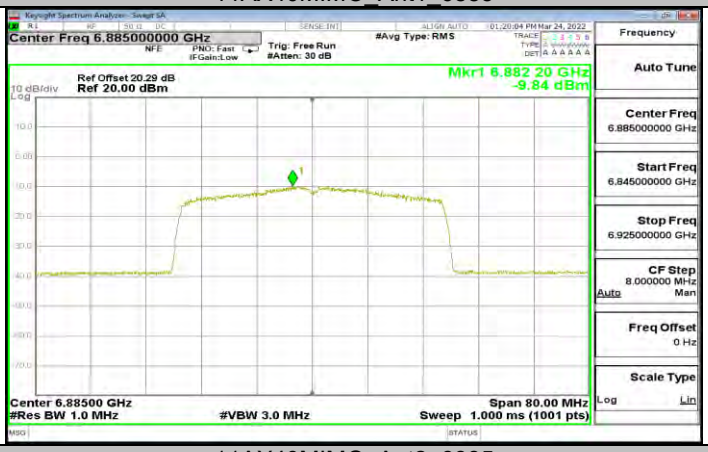
11AX40MIMO_Ant1_6845



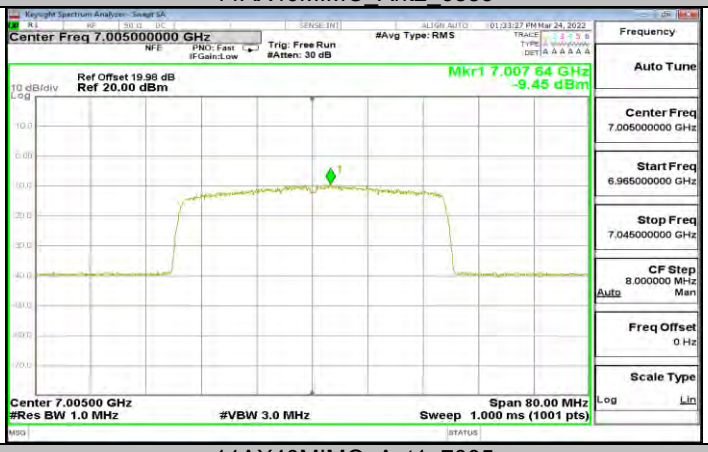
11AX40MIMO_Ant2_6845



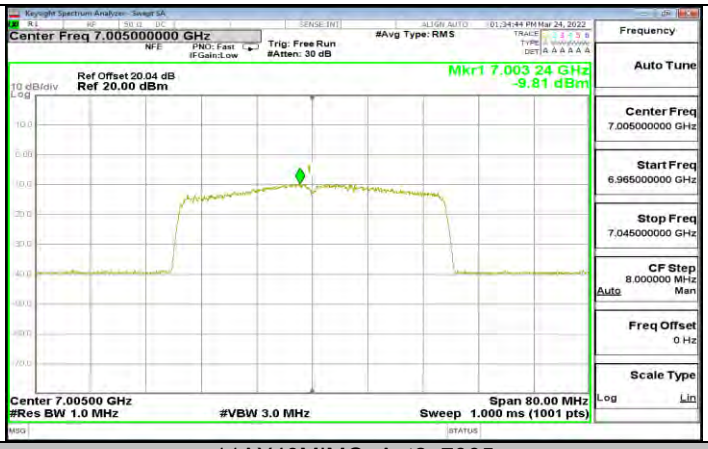
11AX40MIMO_Ant1_6885



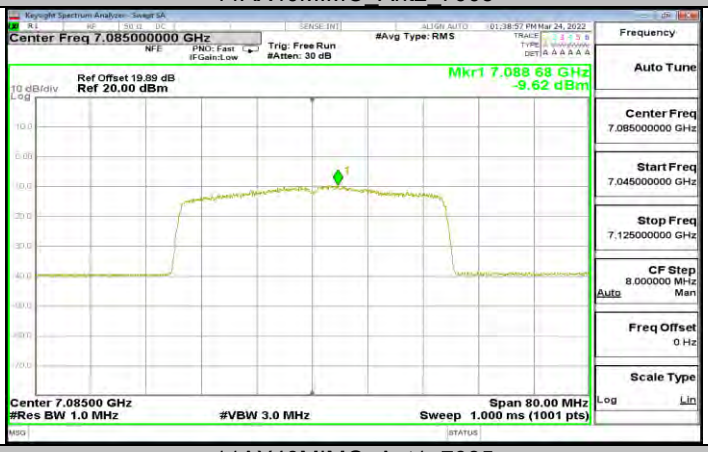
11AX40MIMO_Ant2_6885



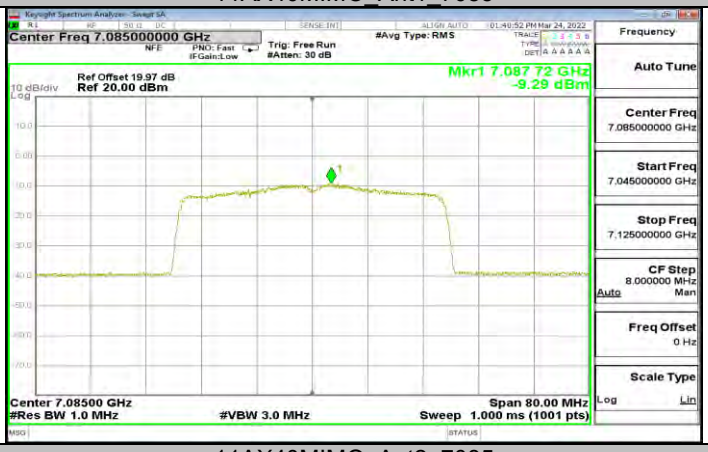
11AX40MIMO_Ant1_7005



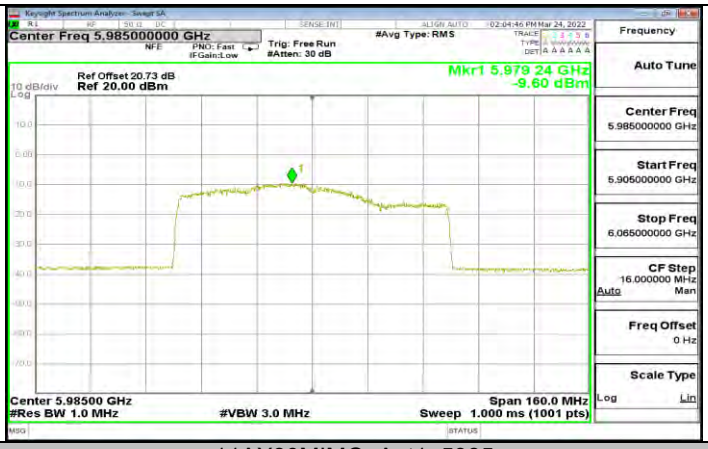
11AX40MIMO_Ant2_7005



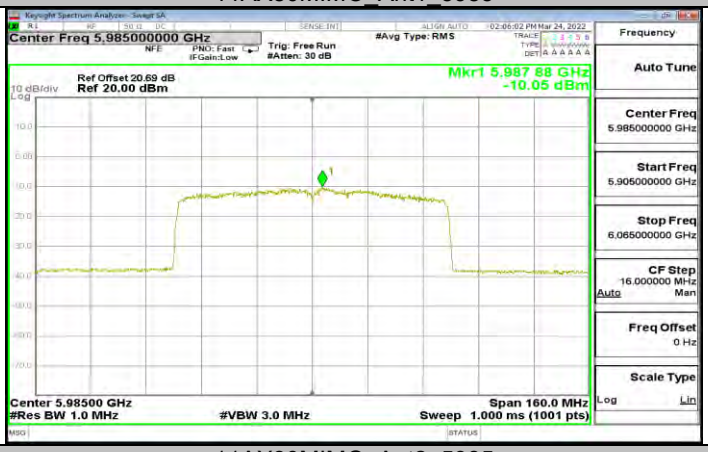
11AX40MIMO_Ant1_7085



11AX40MIMO_Ant2_7085

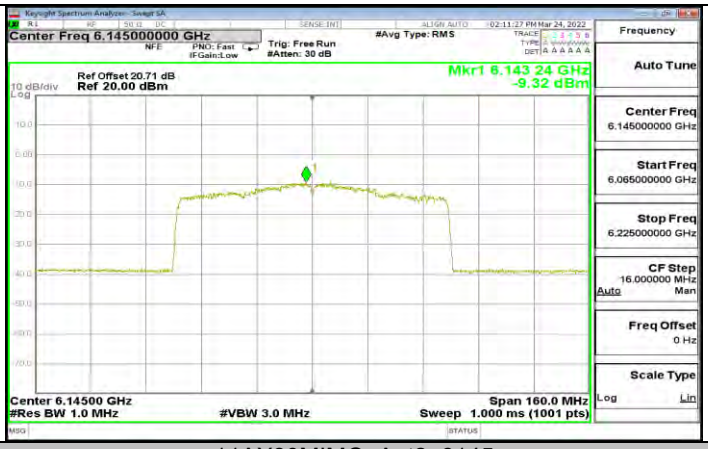


11AX80MIMO_Ant1_5985

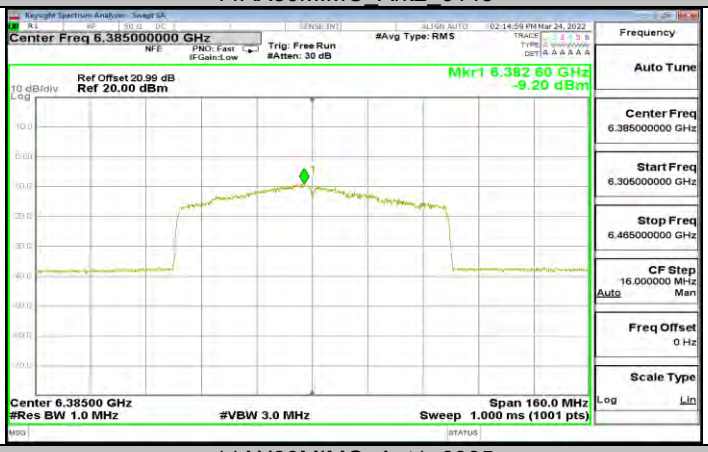


11AX80MIMO_Ant2_5985

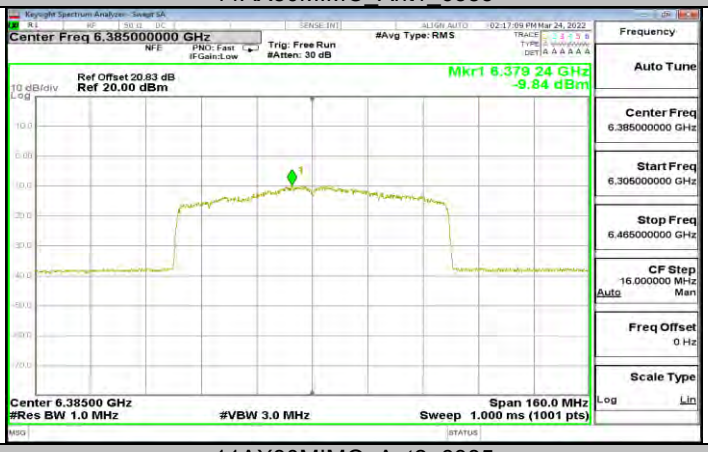
11AX80MIMO_Ant1_6145



11AX80MIMO_Ant2_6145

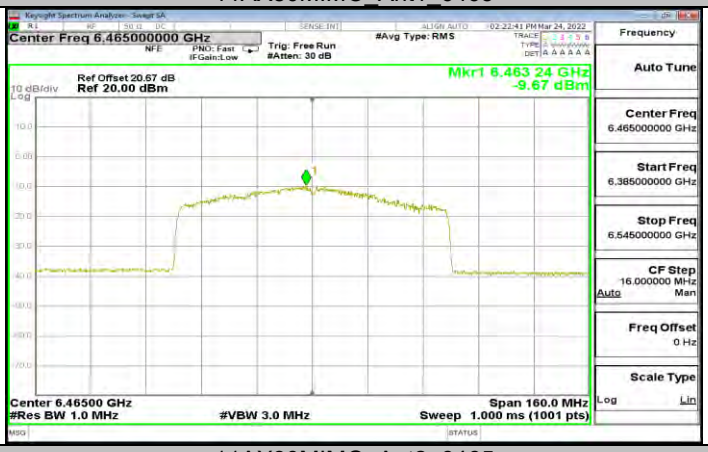


11AX80MIMO_Ant1_6385

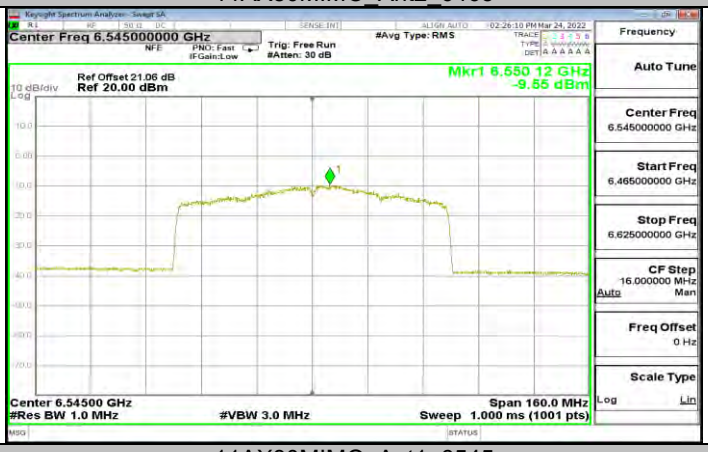


11AX80MIMO_Ant2_6385

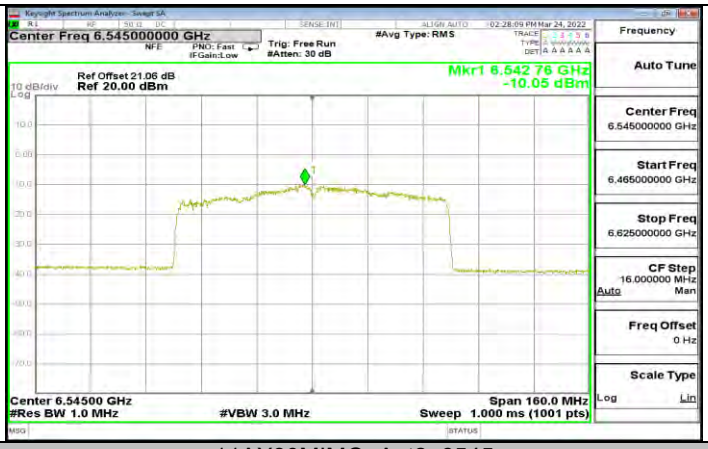
11AX80MIMO_Ant1_6465



11AX80MIMO_Ant2_6465

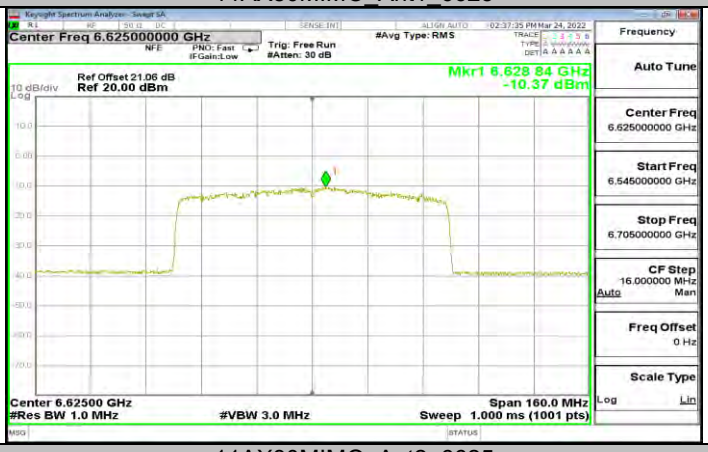


11AX80MIMO_Ant1_6545



11AX80MIMO_Ant2_6545

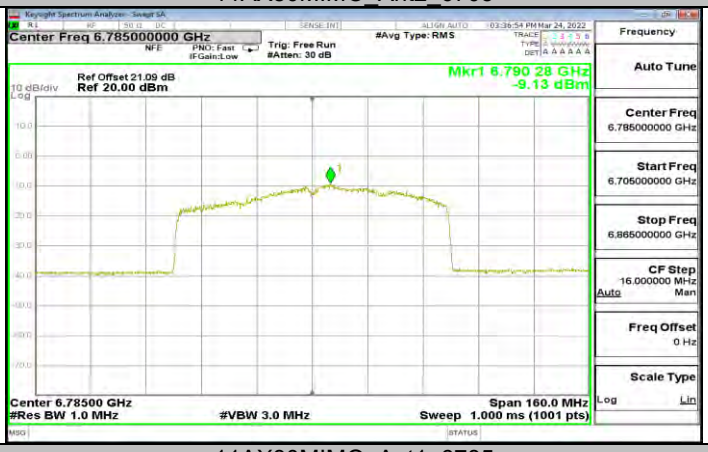
11AX80MIMO_Ant1_6625



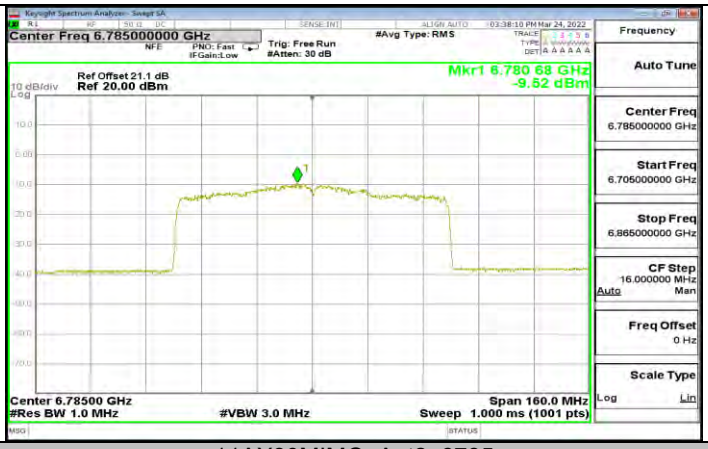
11AX80MIMO_Ant2_6625

11AX80MIMO_Ant1_6705

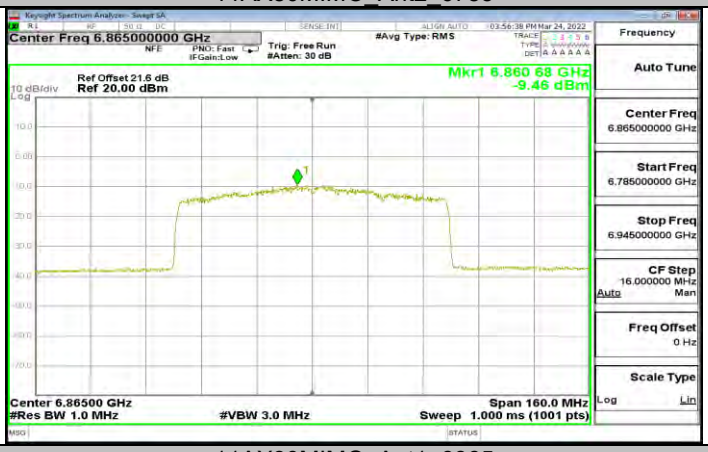
11AX80MIMO_Ant2_6705



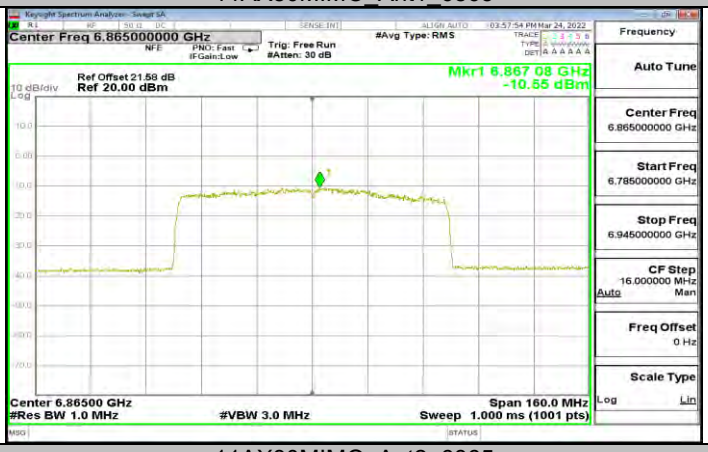
11AX80MIMO_Ant1_6785



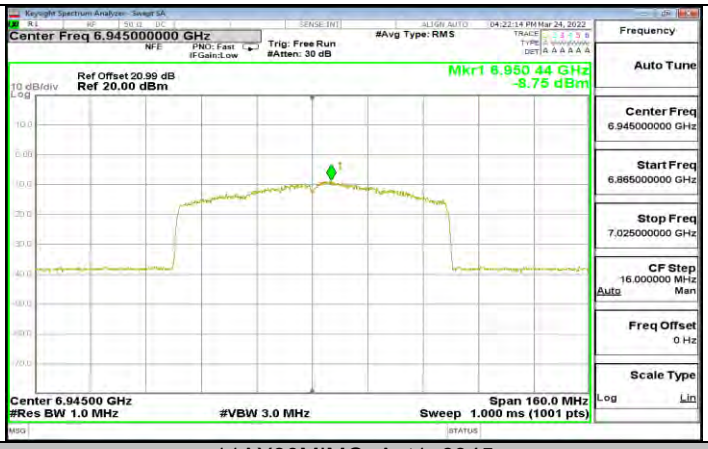
11AX80MIMO_Ant2_6785



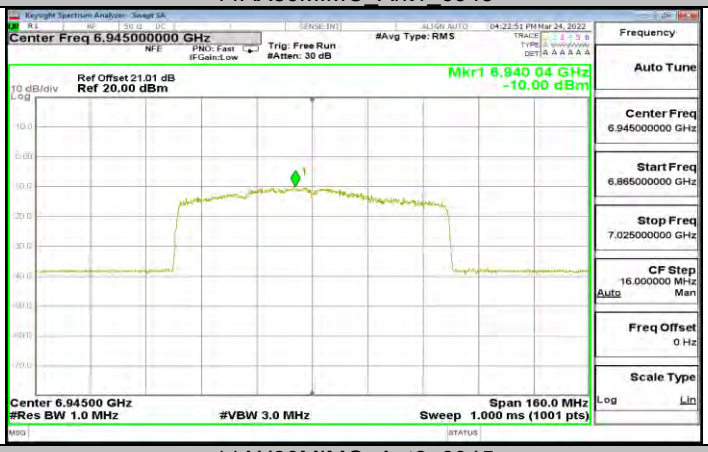
11AX80MIMO_Ant1_6865



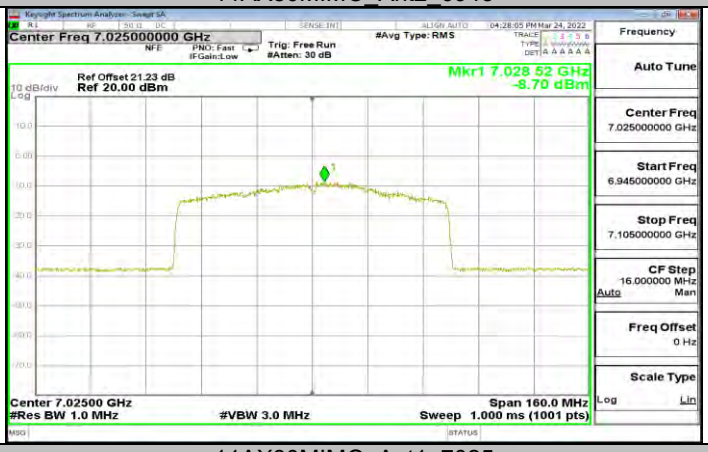
11AX80MIMO_Ant2_6865



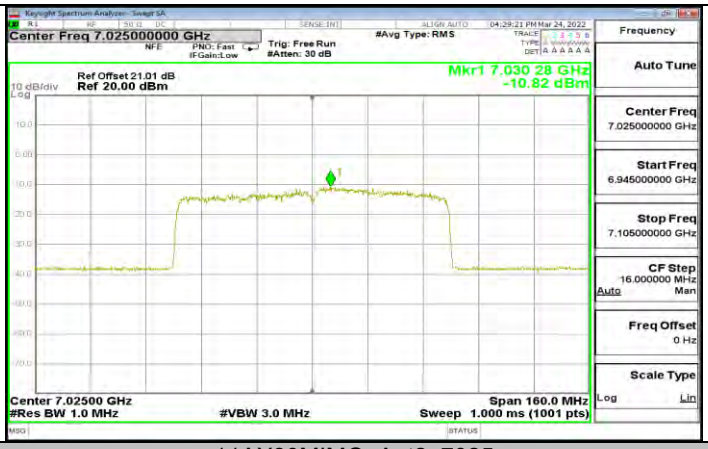
11AX80MIMO_Ant1_6945



11AX80MIMO_Ant2_6945



11AX80MIMO_Ant1_7025



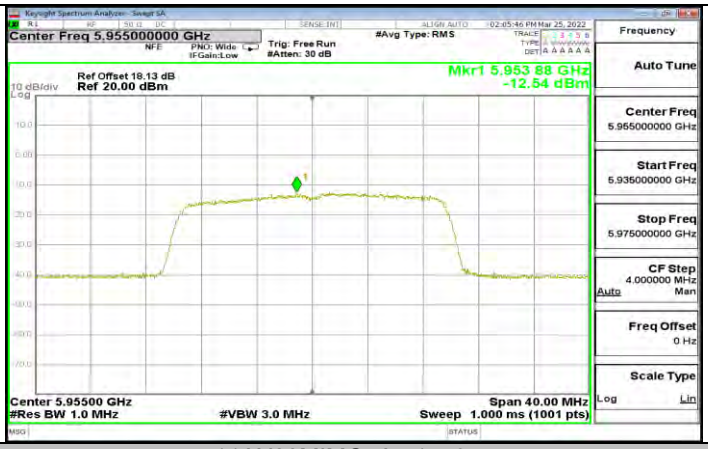
11AX80MIMO_Ant2_7025

12.5.1. CDD Mode Test Result

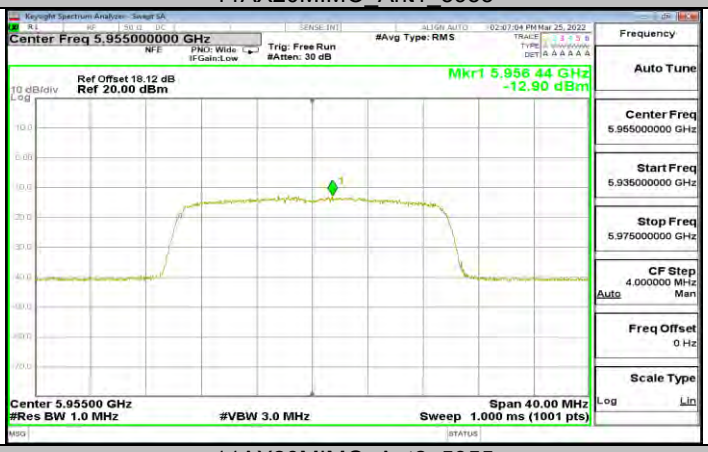
Mode	Frequency (MHz)	PSD (dBm/MHz)			Directional gain (dBi)	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)
		ANT1	ANT2	Total			
802.11ax HE20	5955	-12.54	-12.90	-9.71	7.71	-2.00	-1
	6175	-13.76	-12.15	-9.87	7.71	-2.16	-1
	6415	-12.54	-12.56	-9.45	7.71	-1.74	-1
	6435	-12.55	-13.07	-9.79	7.71	-2.08	-1
	6475	-12.11	-12.80	-9.43	7.71	-1.72	-1
	6515	-11.71	-13.44	-9.48	7.71	-1.77	-1
	6535	-12.59	-12.91	-9.74	7.71	-2.03	-1
	6715	-12.95	-12.26	-9.58	7.71	-1.87	-1
	6855	-12.28	-12.82	-9.53	7.71	-1.82	-1
	6875	-12.49	-12.81	-9.64	7.71	-1.93	-1
	7015	-11.94	-13.09	-9.47	7.71	-1.76	-1
	7115	-12.87	-12.98	-9.91	7.71	-2.20	-1
802.11ax HE40	5965	-12.82	-12.87	-9.83	7.71	-2.12	-1
	6165	-12.56	-12.30	-9.42	7.71	-1.71	-1
	6405	-12.51	-12.41	-9.45	7.71	-1.74	-1
	6445	-12.19	-13.38	-9.73	7.71	-2.02	-1
	6485	-12.41	-12.61	-9.50	7.71	-1.79	-1
	6525	-11.98	-12.95	-9.43	7.71	-1.72	-1
	6565	-12.86	-12.71	-9.77	7.71	-2.06	-1
	6725	-13.33	-11.34	-9.21	7.71	-1.50	-1
	6845	-12.50	-12.75	-9.61	7.71	-1.90	-1
	6885	-12.50	-12.98	-9.71	7.71	-2.00	-1
	7005	-12.03	-12.81	-9.39	7.71	-1.68	-1
	7085	-13.05	-12.22	-9.60	7.71	-1.89	-1
802.11ax HE80	5985	-12.80	-12.78	-9.78	7.71	-2.07	-1
	6145	-12.81	-12.10	-9.43	7.71	-1.72	-1
	6385	-12.00	-12.93	-9.43	7.71	-1.72	-1
	6465	-11.70	-13.30	-9.42	7.71	-1.71	-1
	6545	-12.29	-12.99	-9.62	7.71	-1.91	-1
	6625	-12.19	-13.44	-9.76	7.71	-2.05	-1
	6705	-12.48	-12.95	-9.70	7.71	-1.99	-1
	6785	-11.85	-14.23	-9.87	7.71	-2.16	-1
	6865	-11.82	-13.79	-9.68	7.71	-1.97	-1
	6945	-12.02	-13.35	-9.62	7.71	-1.91	-1
	7025	-11.81	-12.62	-9.19	7.71	-1.48	-1

Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

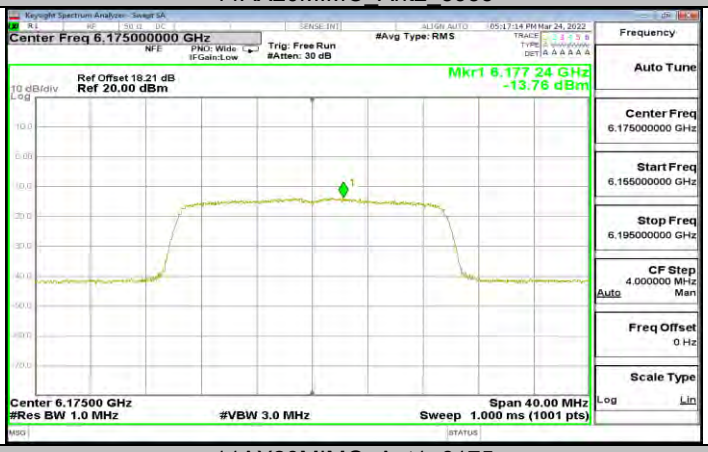
12.5.2. CDD Mode Test Graphs



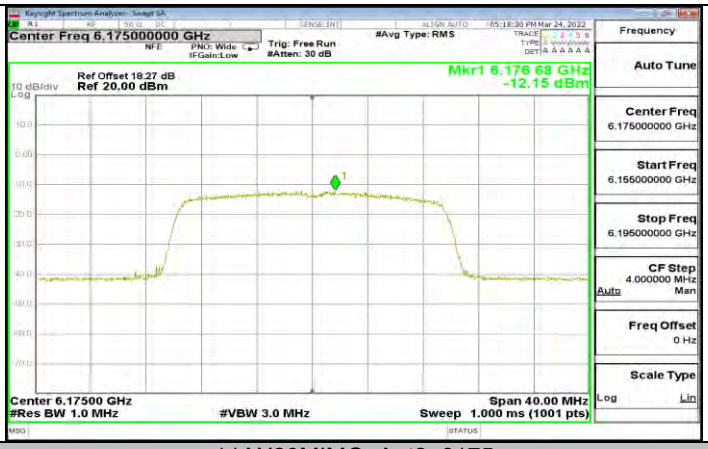
11AX20MIMO_Ant1_5955



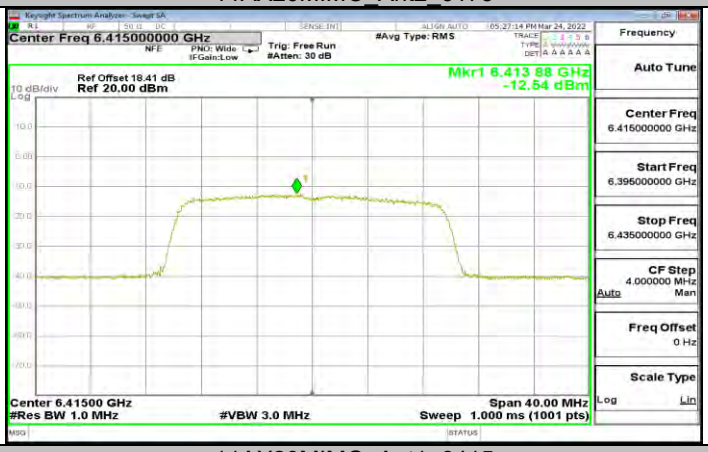
11AX20MIMO_Ant2_5955



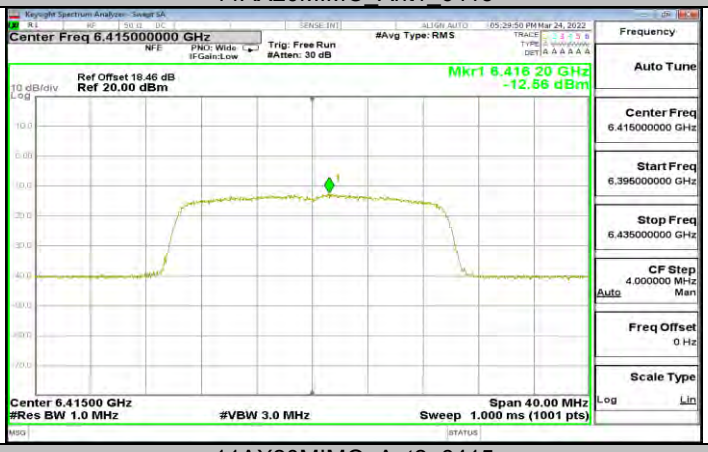
11AX20MIMO_Ant1_6175



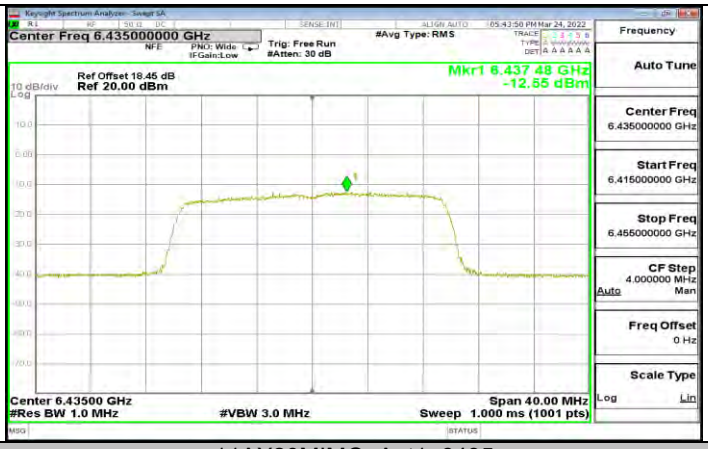
11AX20MIMO_Ant2_6175



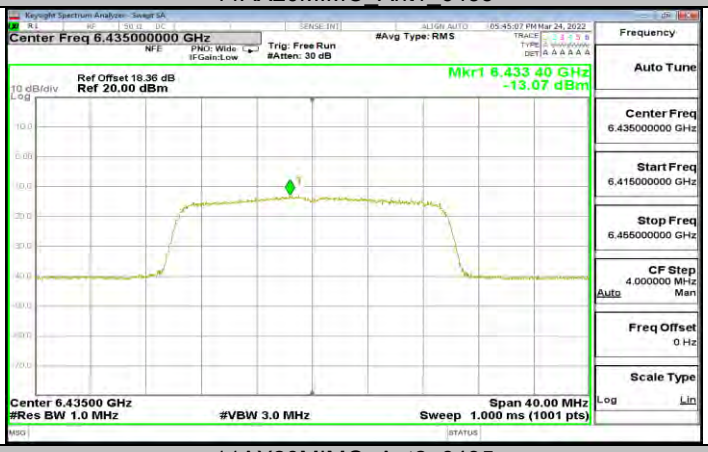
11AX20MIMO_Ant1_6415



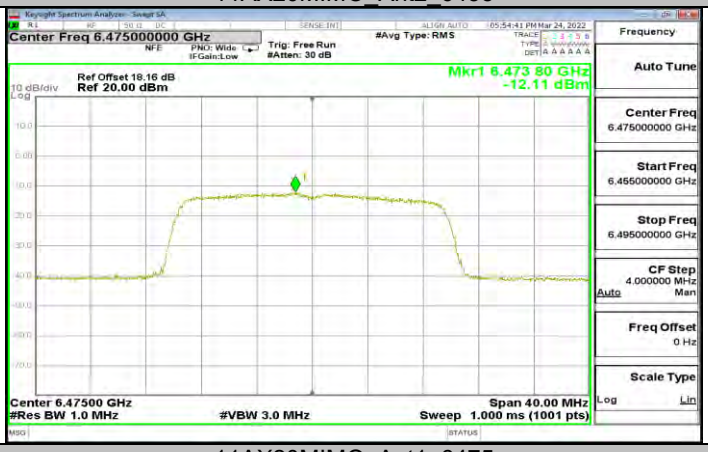
11AX20MIMO_Ant2_6415



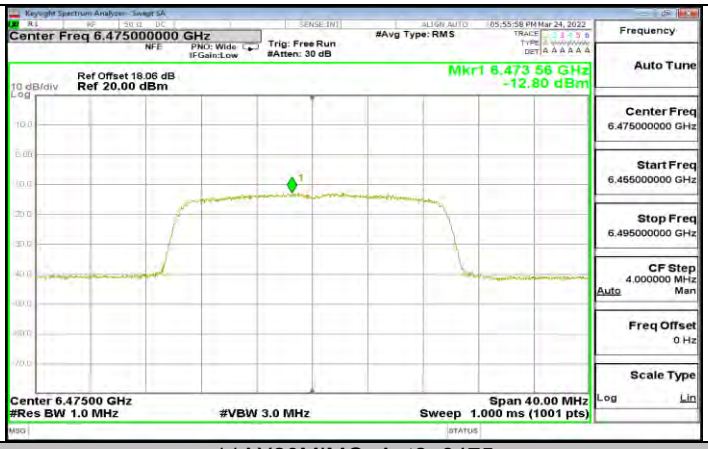
11AX20MIMO_Ant1_6435



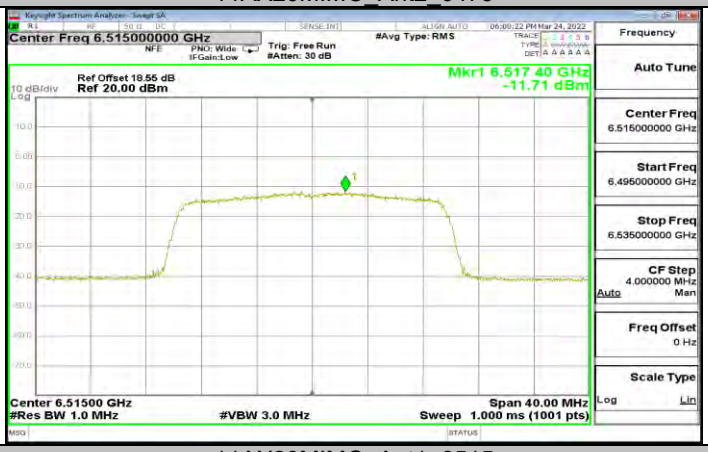
11AX20MIMO_Ant2_6435



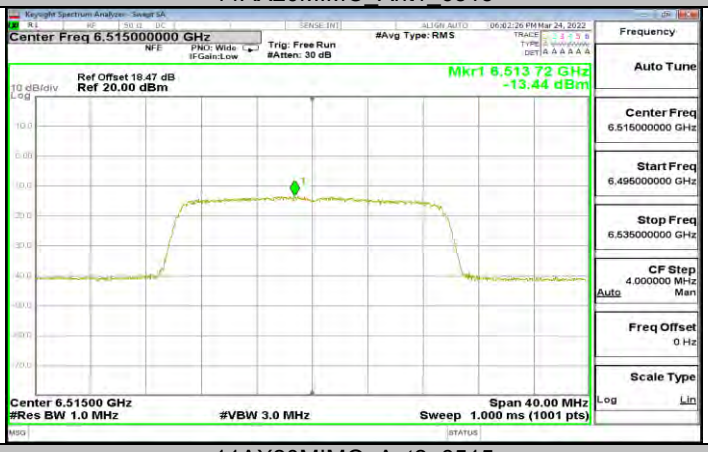
11AX20MIMO_Ant1_6475



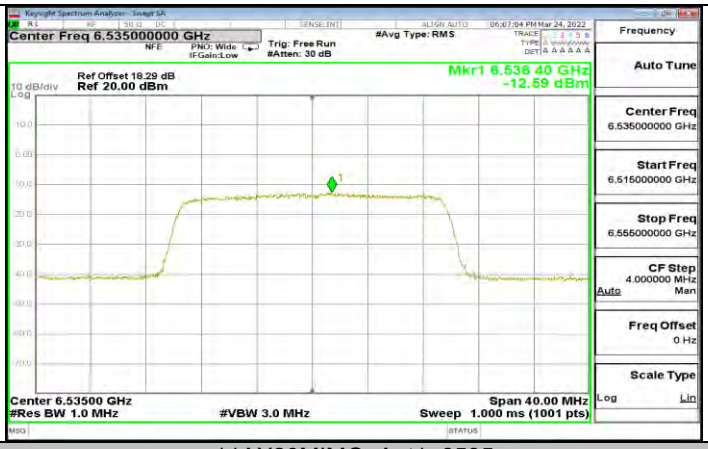
11AX20MIMO_Ant2_6475



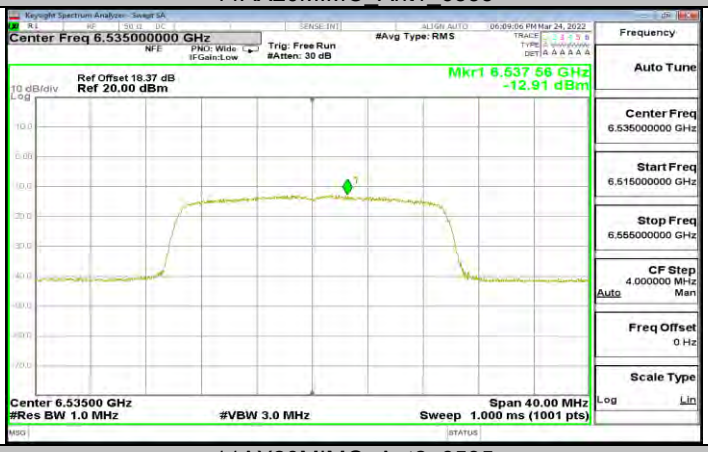
11AX20MIMO_Ant1_6515



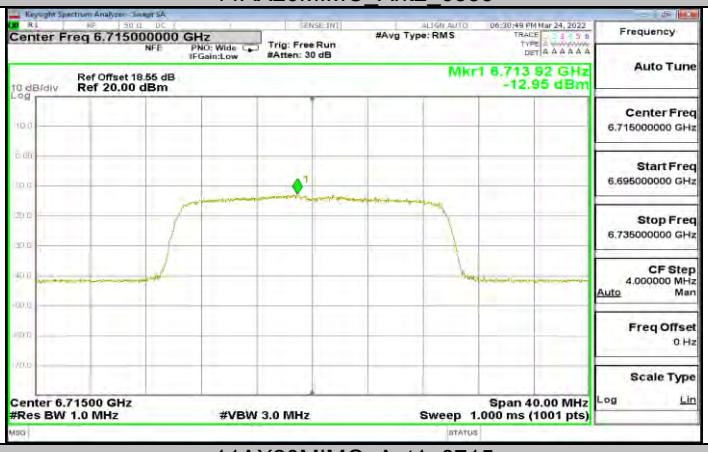
11AX20MIMO_Ant2_6515



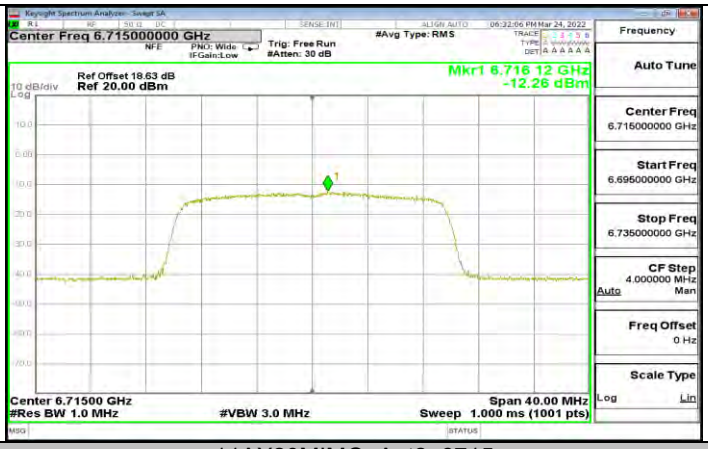
11AX20MIMO_Ant1_6535



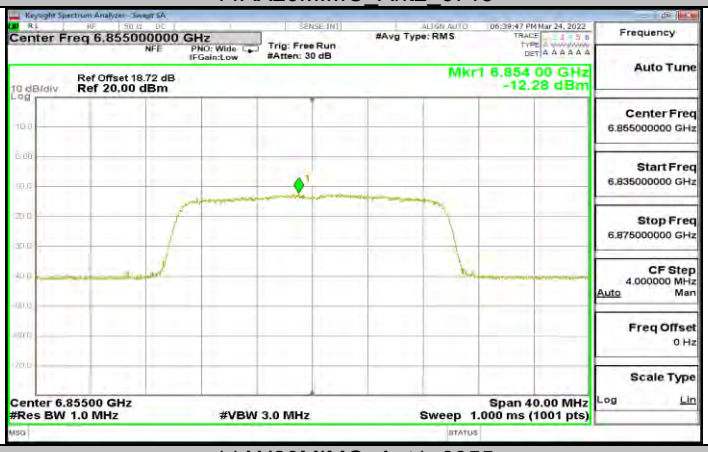
11AX20MIMO_Ant2_6535



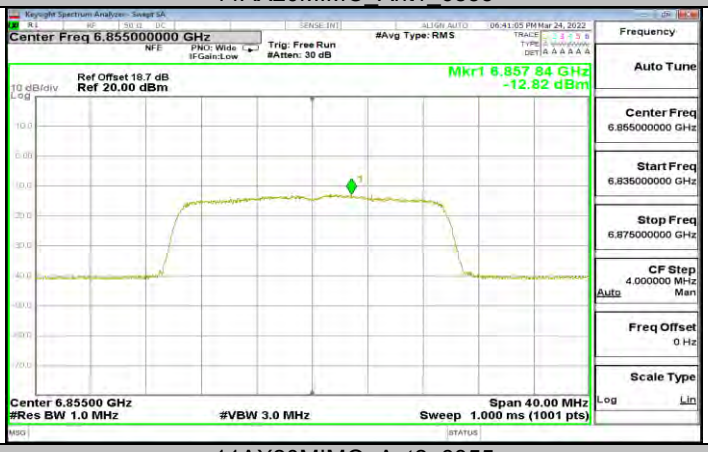
11AX20MIMO_Ant1_6715



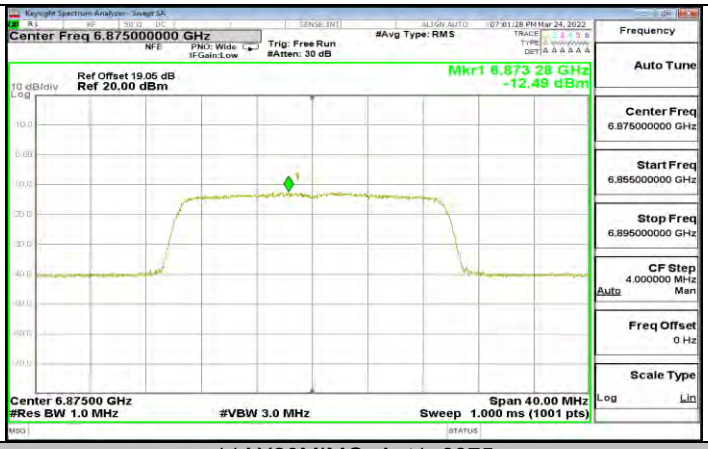
11AX20MIMO_Ant2_6715



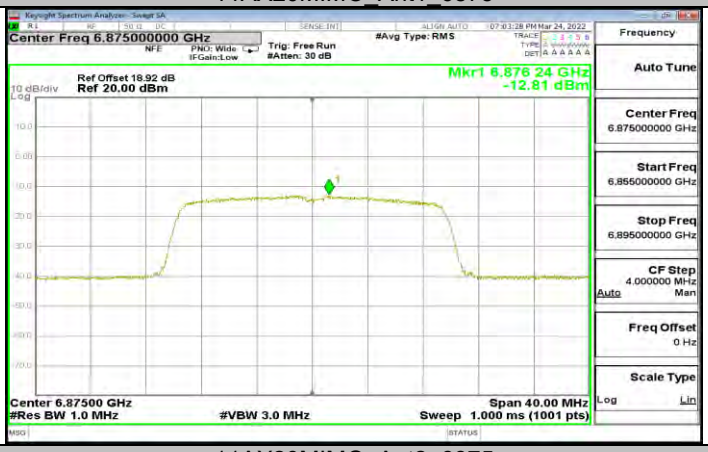
11AX20MIMO_Ant1_6855



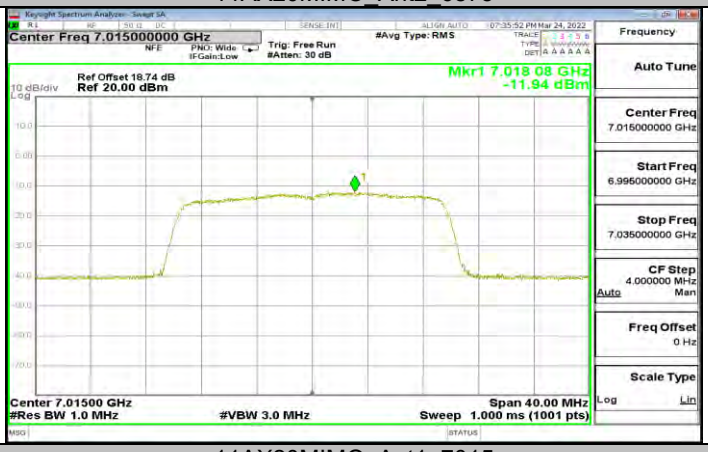
11AX20MIMO_Ant2_6855



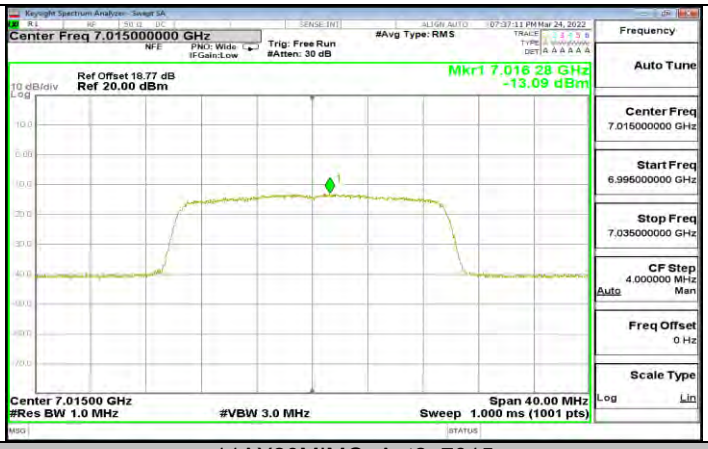
11AX20MIMO_Ant1_6875



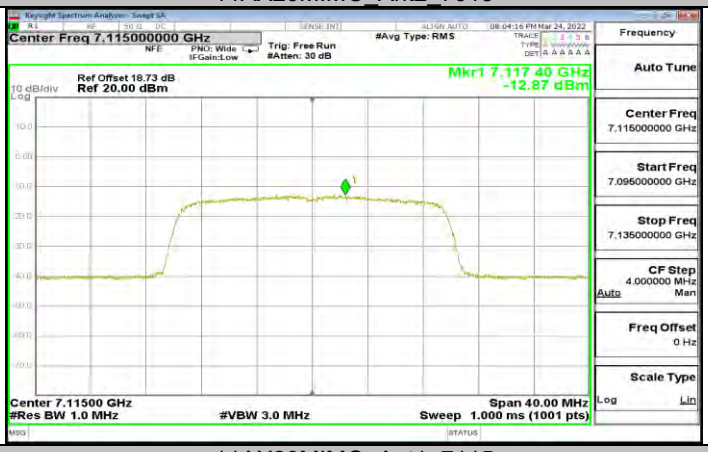
11AX20MIMO_Ant2_6875



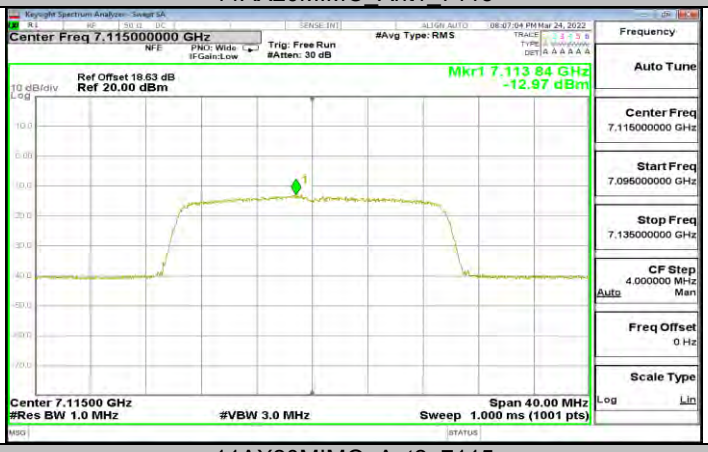
11AX20MIMO_Ant1_7015



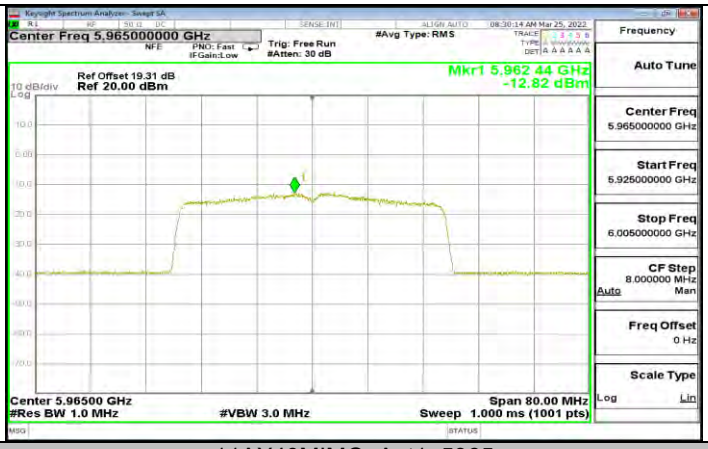
11AX20MIMO_Ant2_7015



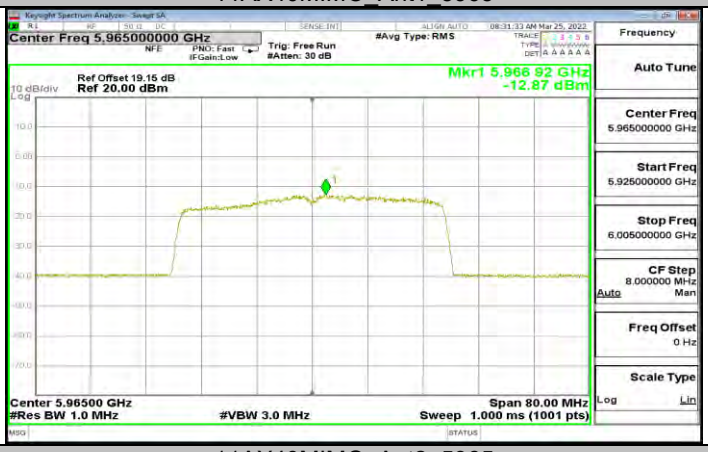
11AX20MIMO_Ant1_7115



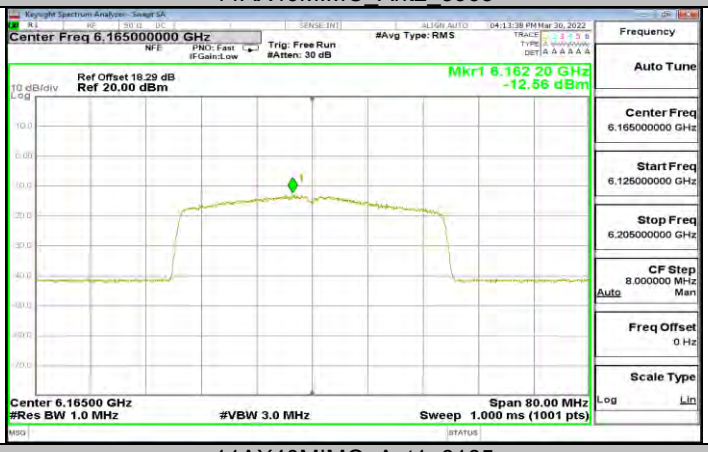
11AX20MIMO_Ant2_7115



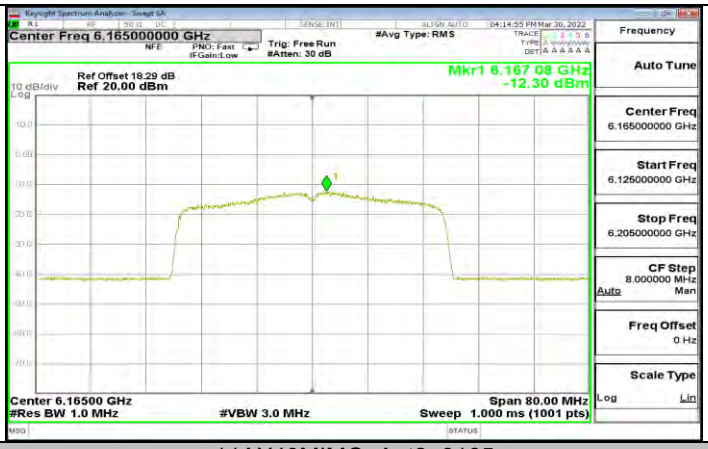
11AX40MIMO_Ant1_5965



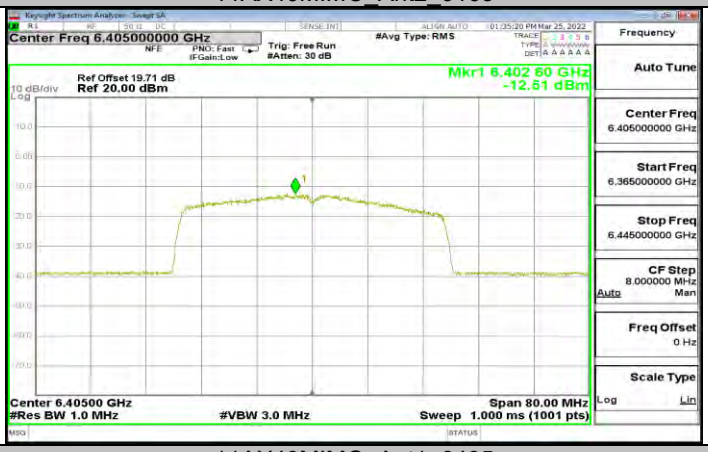
11AX40MIMO_Ant2_5965



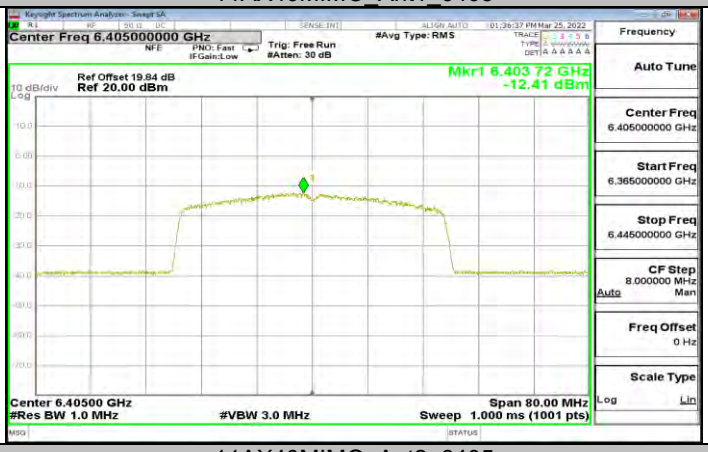
11AX40MIMO_Ant1_6165



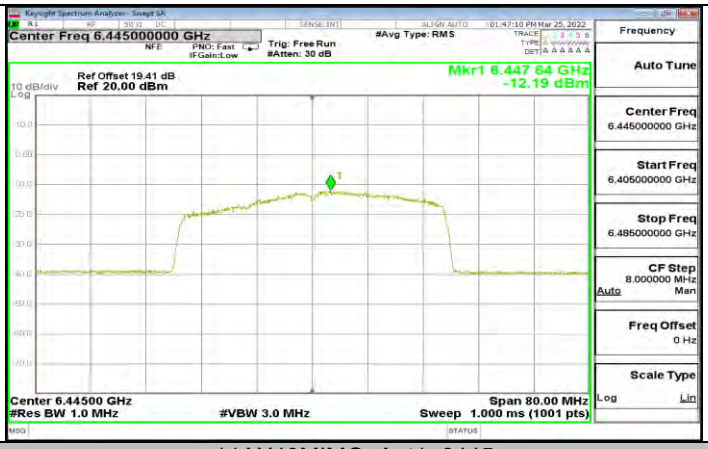
11AX40MIMO_Ant2_6165



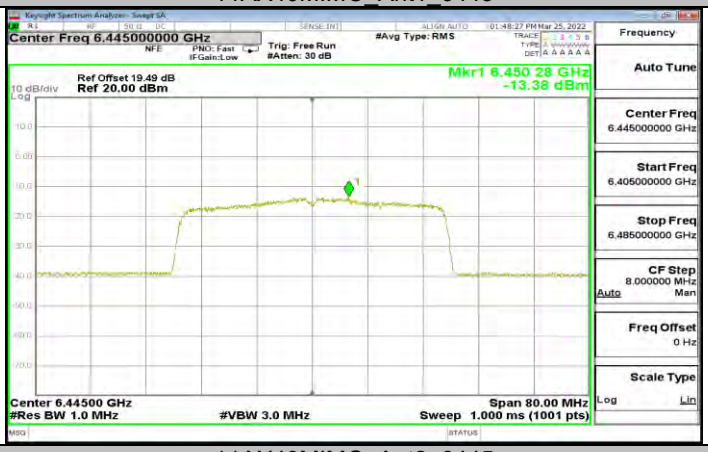
11AX40MIMO_Ant1_6405



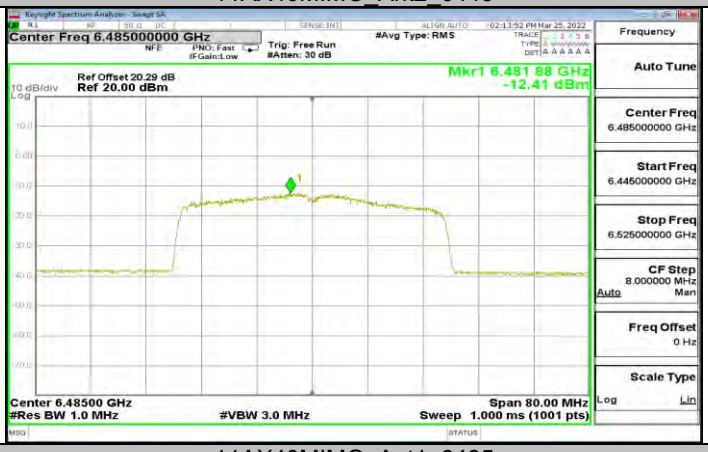
11AX40MIMO_Ant2_6405



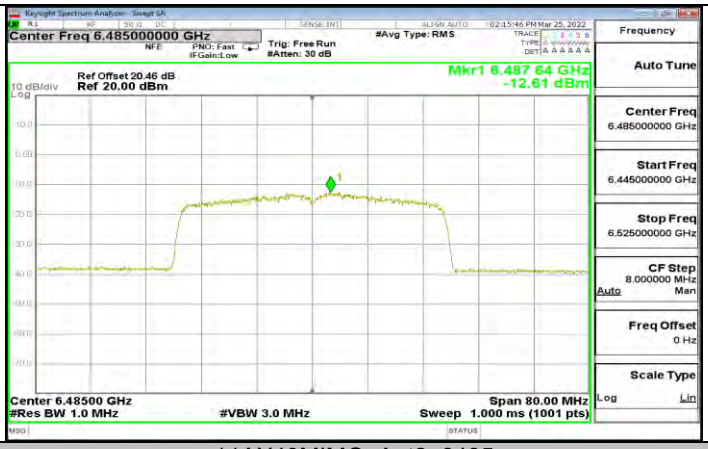
11AX40MIMO_Ant1_6445



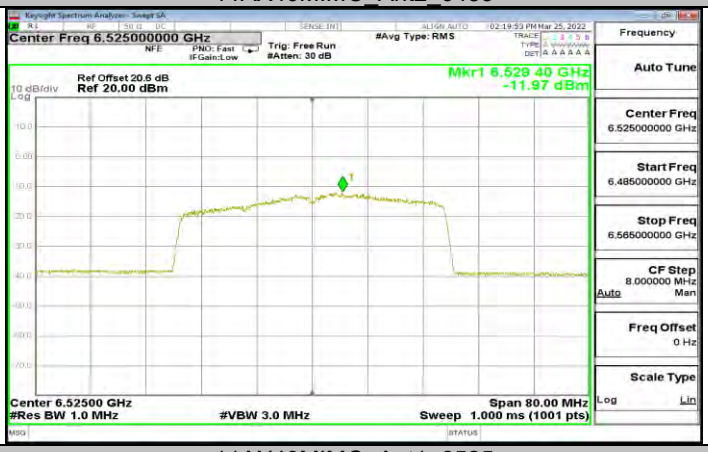
11AX40MIMO_Ant2_6445



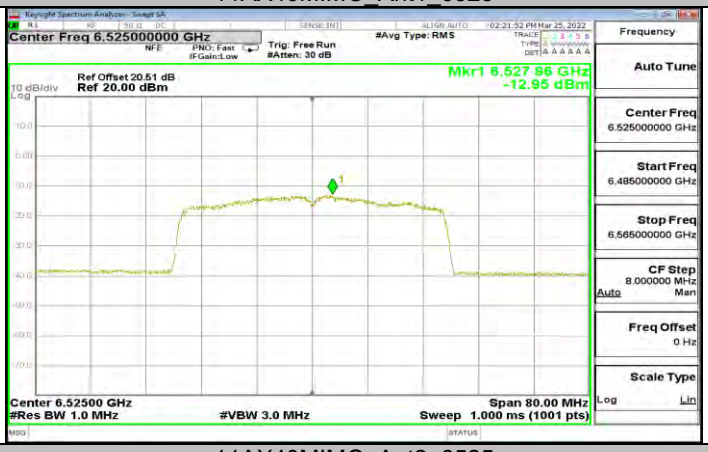
11AX40MIMO_Ant1_6485



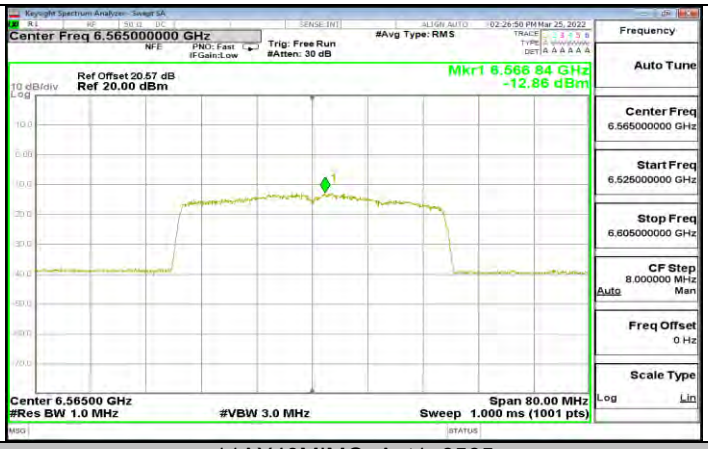
11AX40MIMO_Ant2_6485



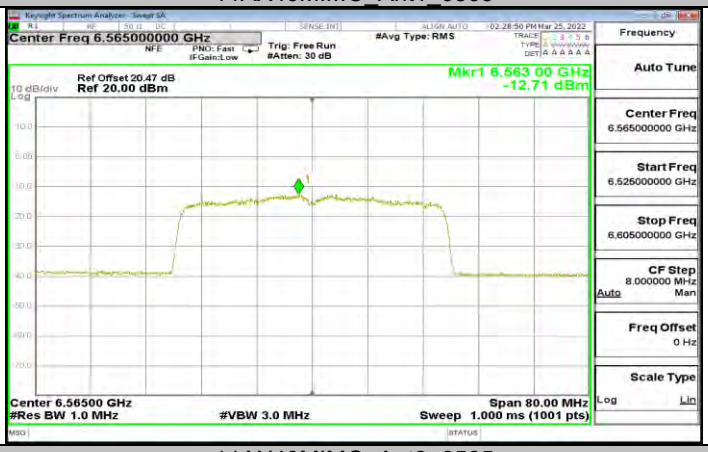
11AX40MIMO_Ant1_6525



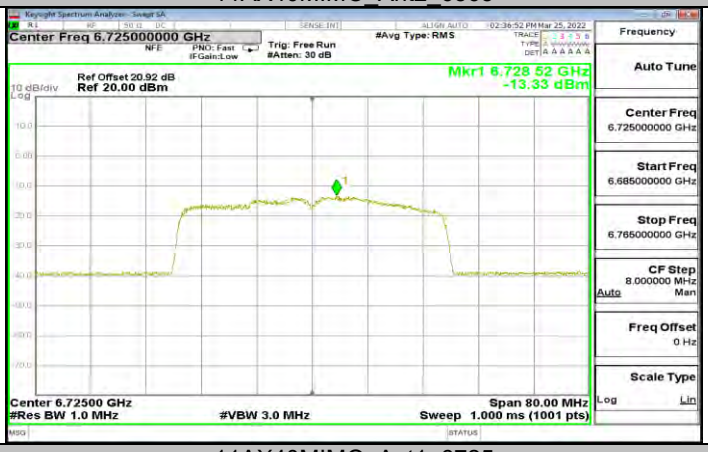
11AX40MIMO_Ant2_6525



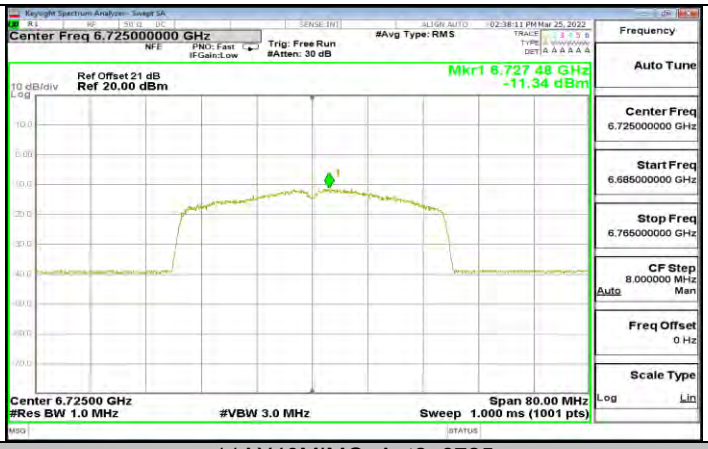
11AX40MIMO_Ant1_6565



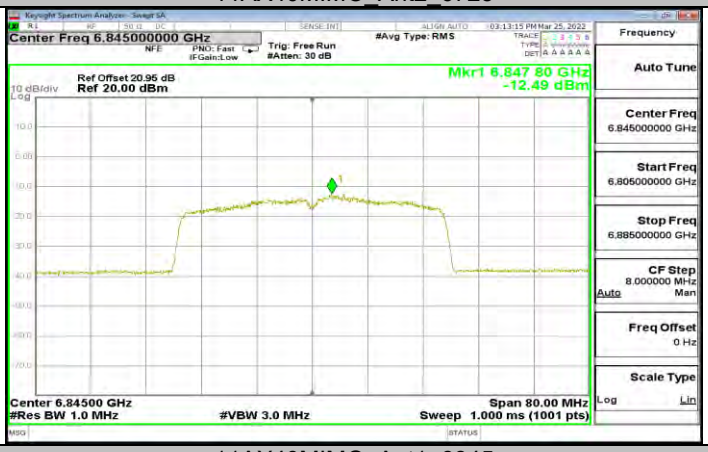
11AX40MIMO_Ant2_6565



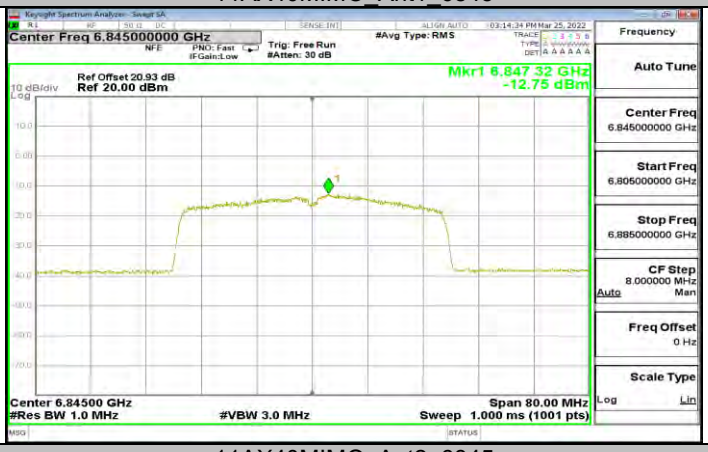
11AX40MIMO_Ant1_6725



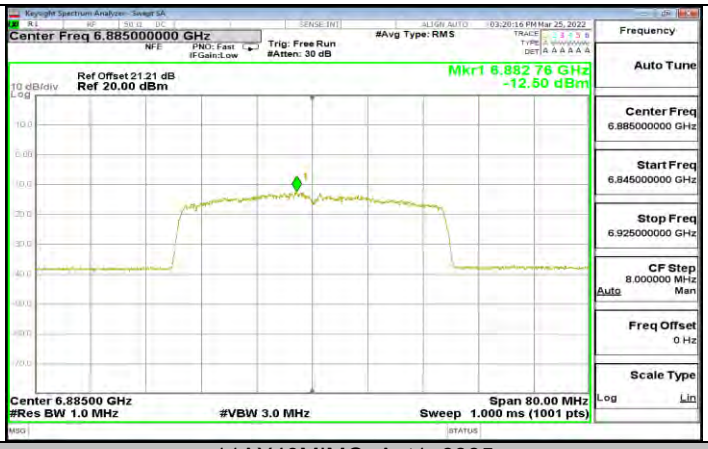
11AX40MIMO_Ant2_6725



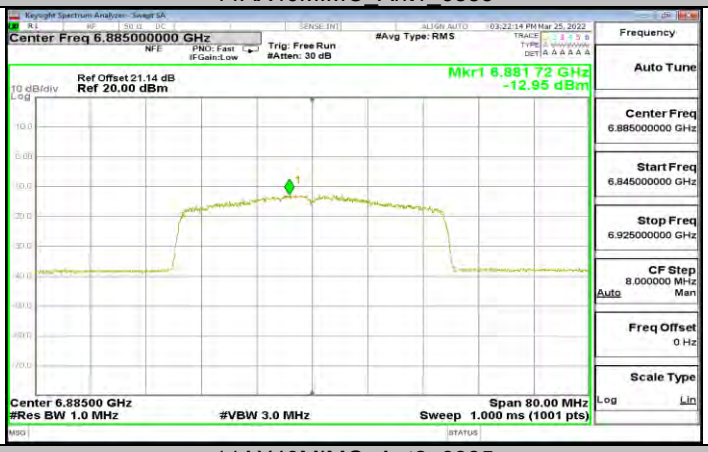
11AX40MIMO_Ant1_6845



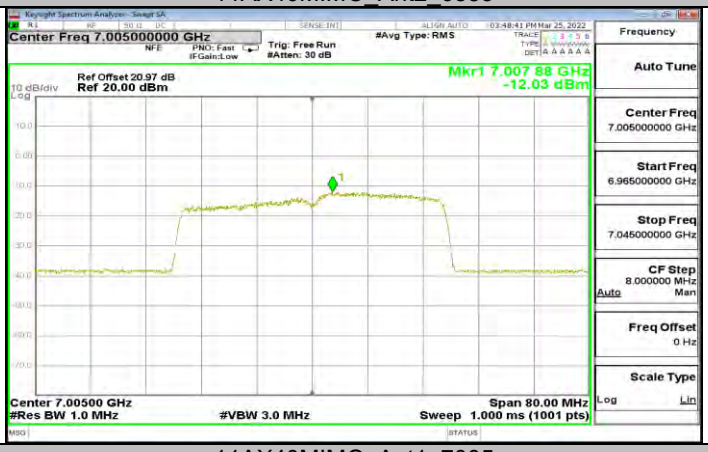
11AX40MIMO_Ant2_6845



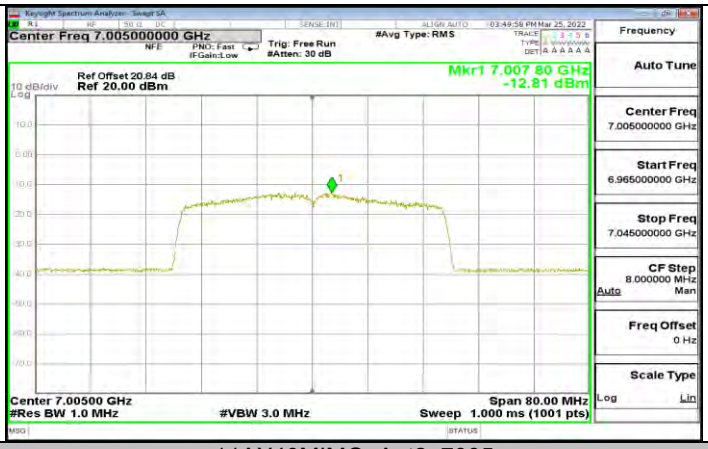
11AX40MIMO_Ant1_6885



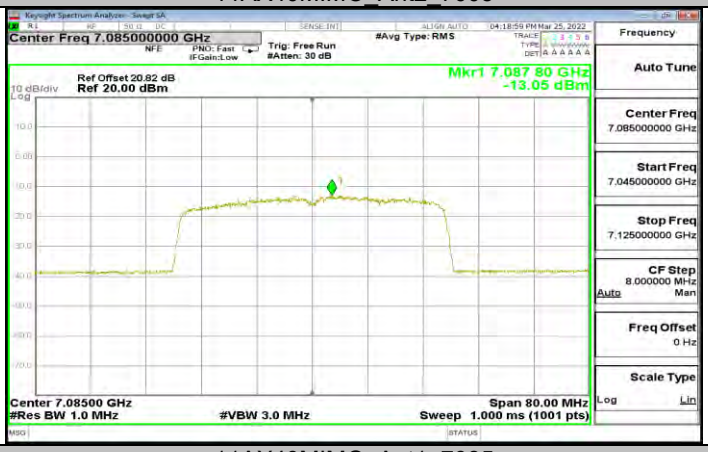
11AX40MIMO_Ant2_6885



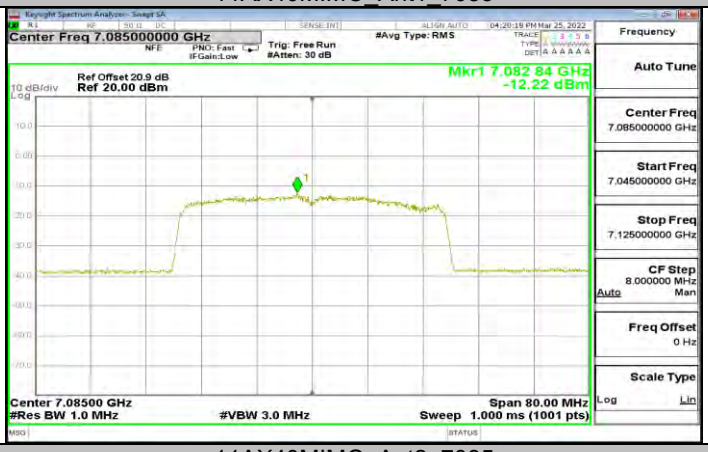
11AX40MIMO_Ant1_7005



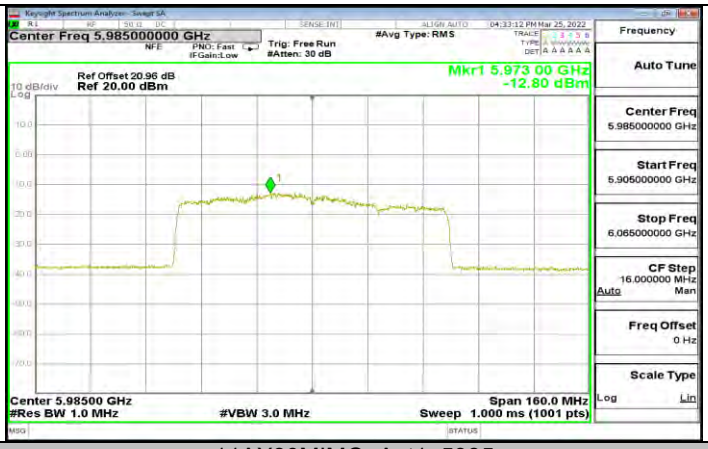
11AX40MIMO_Ant2_7005



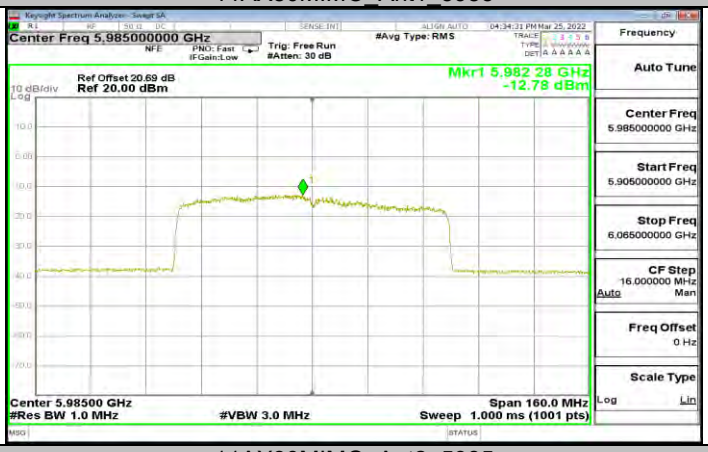
11AX40MIMO_Ant1_7085



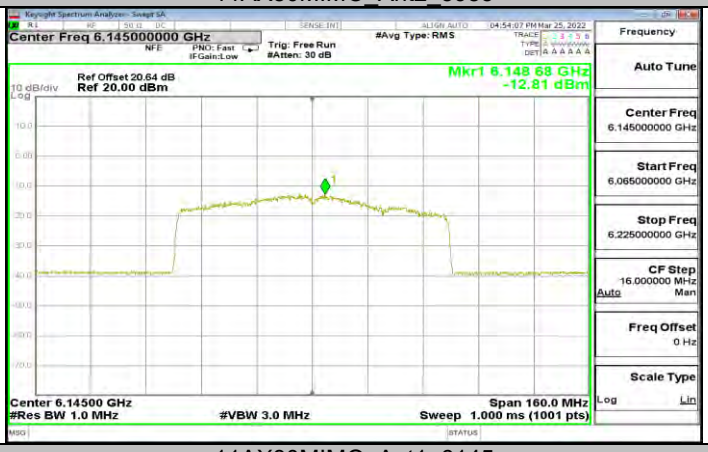
11AX40MIMO_Ant2_7085



11AX80MIMO_Ant1_5985

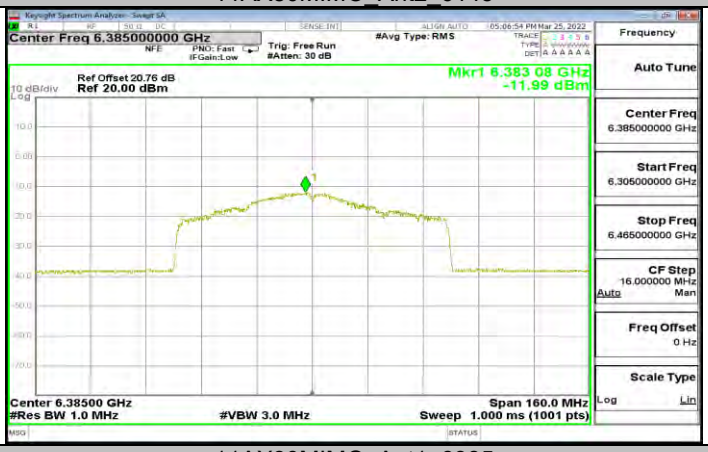


11AX80MIMO_Ant2_5985

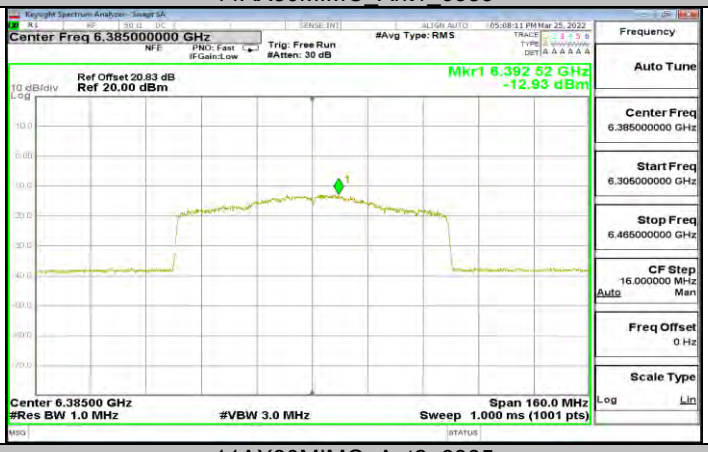


11AX80MIMO_Ant1_6145

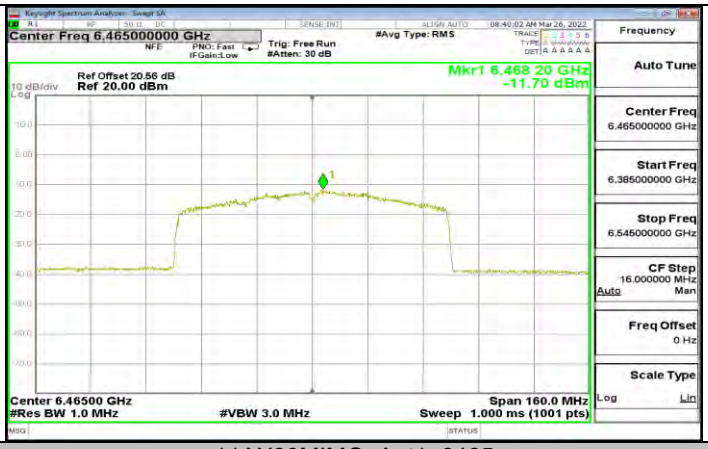
11AX80MIMO_Ant2_6145



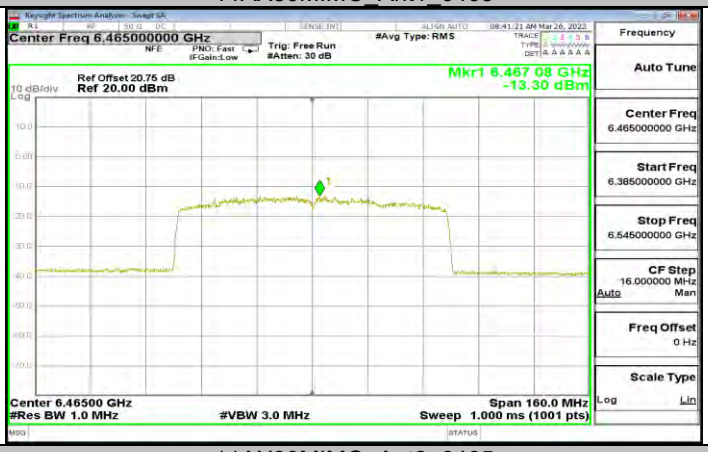
11AX80MIMO_Ant1_6385



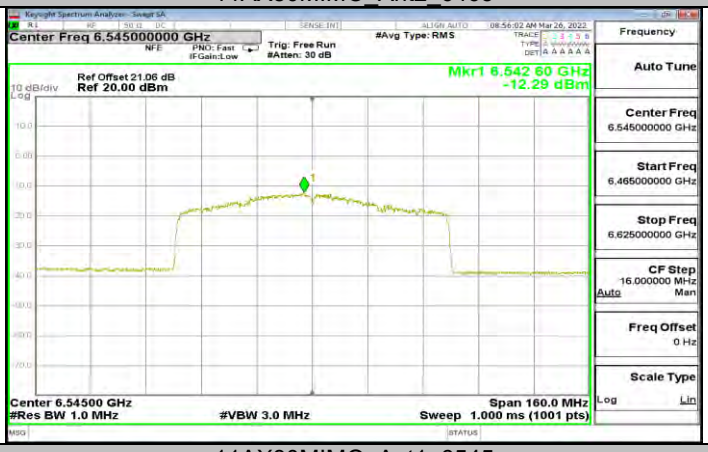
11AX80MIMO_Ant2_6385



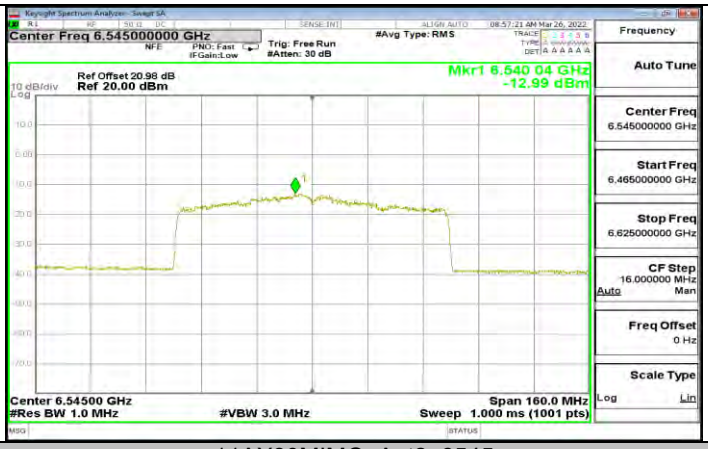
11AX80MIMO_Ant1_6465



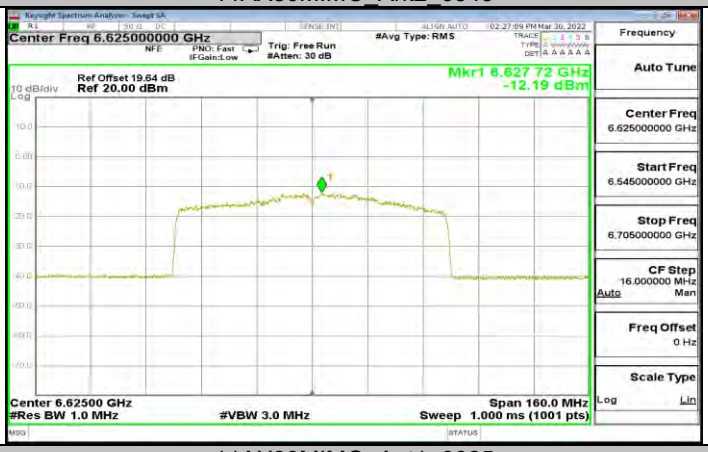
11AX80MIMO_Ant2_6465



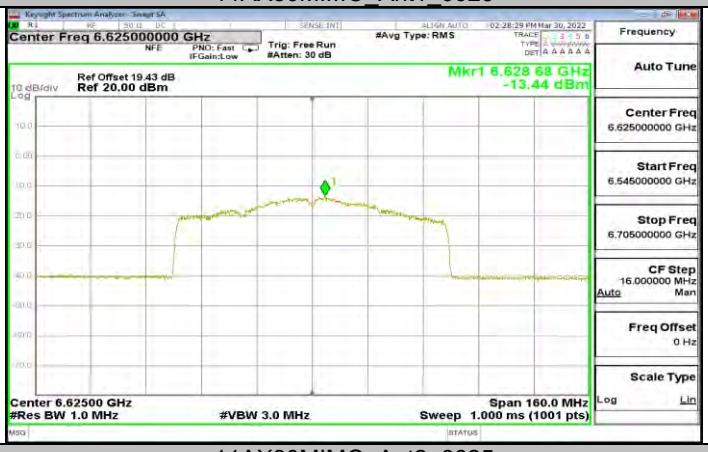
11AX80MIMO_Ant1_6545



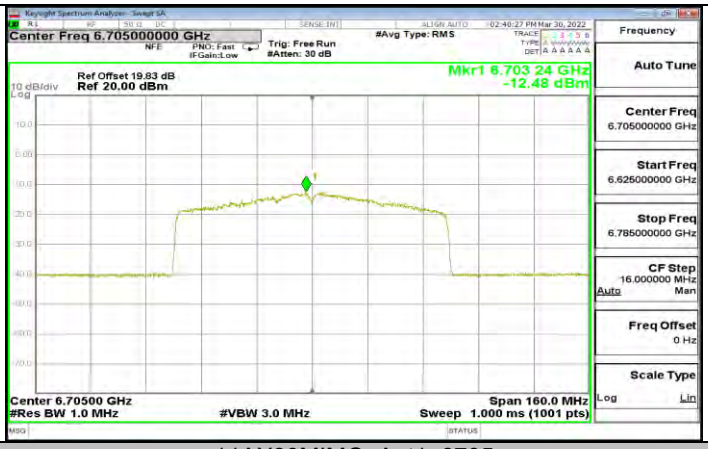
11AX80MIMO_Ant2_6545



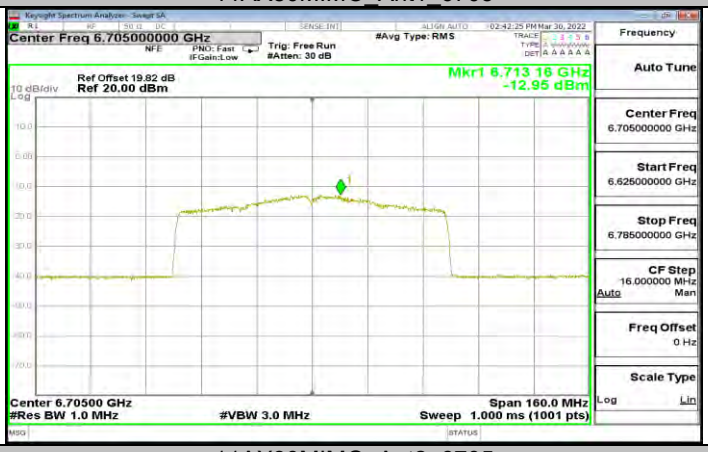
11AX80MIMO_Ant1_6625



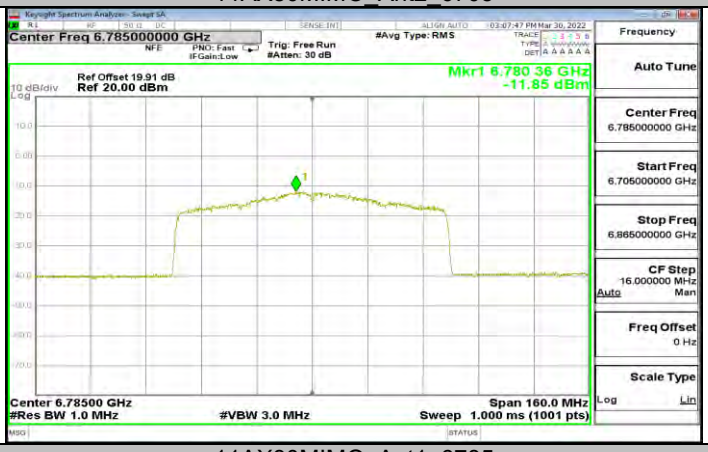
11AX80MIMO_Ant2_6625



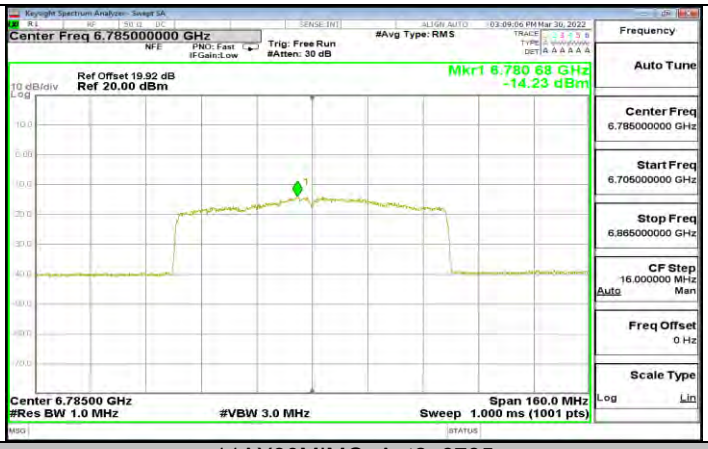
11AX80MIMO_Ant1_6705



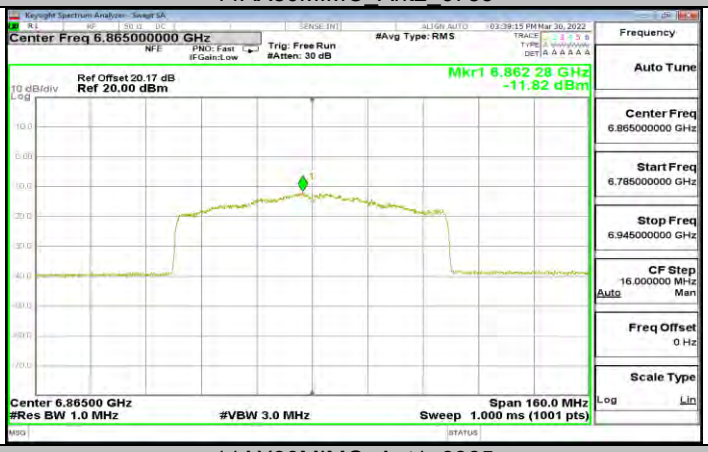
11AX80MIMO_Ant2_6705



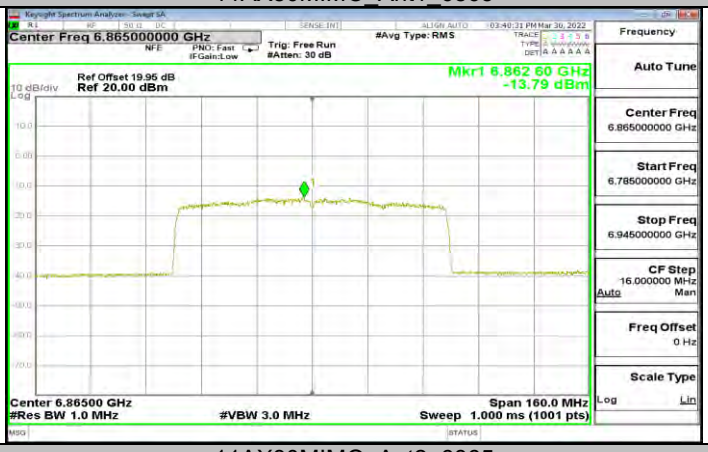
11AX80MIMO_Ant1_6785



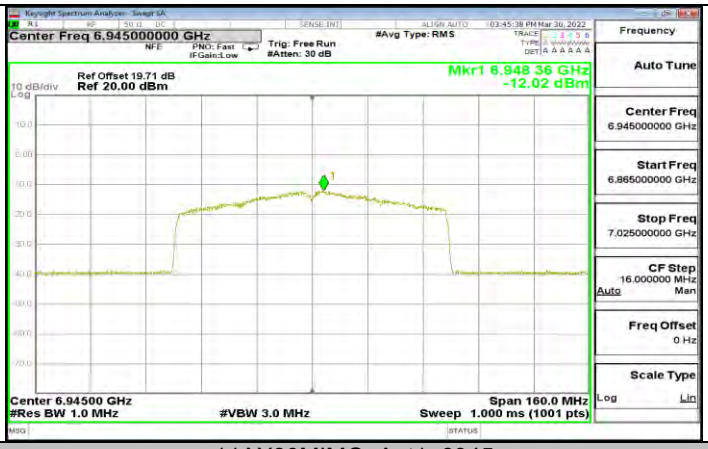
11AX80MIMO_Ant2_6785



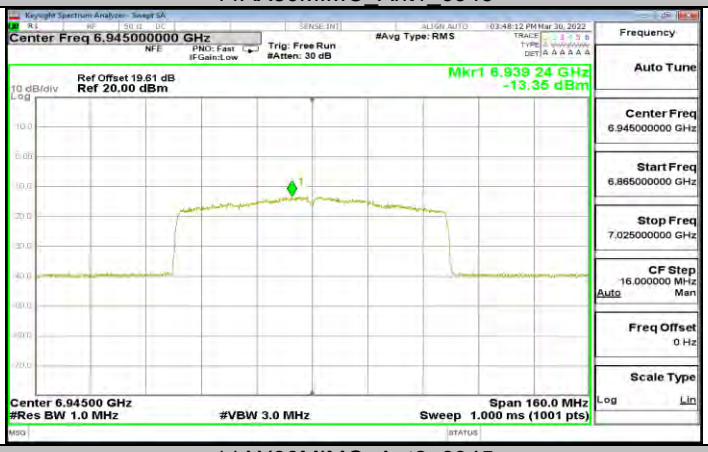
11AX80MIMO_Ant1_6865



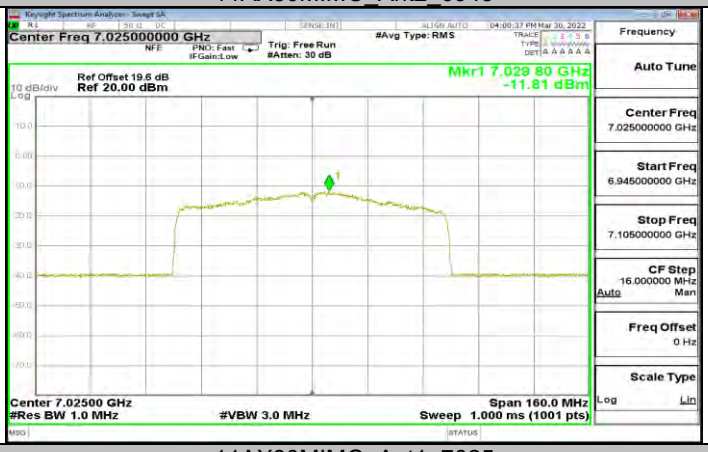
11AX80MIMO_Ant2_6865



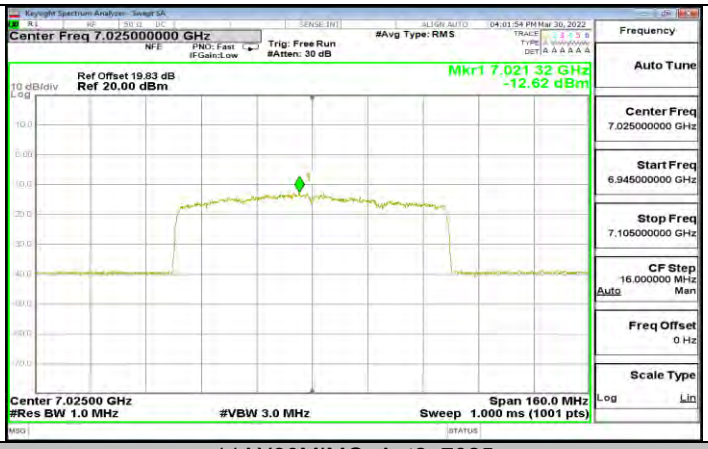
11AX80MIMO_Ant1_6945



11AX80MIMO_Ant2_6945



11AX80MIMO_Ant1_7025



11AX80MIMO_Ant2_7025

12.6. Appendix E: In-Band Emissions

12.6.1. Test Result

Test Mode	Antenna	Channel	Result	Limit	Verdict
11AX20MIMO	Ant1	5955	See test graph	See test graph	PASS
	Ant2	5955	See test graph	See test graph	PASS
	Ant1	6175	See test graph	See test graph	PASS
	Ant2	6175	See test graph	See test graph	PASS
	Ant1	6415	See test graph	See test graph	PASS
	Ant2	6415	See test graph	See test graph	PASS
	Ant1	6435	See test graph	See test graph	PASS
	Ant2	6435	See test graph	See test graph	PASS
	Ant1	6475	See test graph	See test graph	PASS
	Ant2	6475	See test graph	See test graph	PASS
	Ant1	6515	See test graph	See test graph	PASS
	Ant2	6515	See test graph	See test graph	PASS
	Ant1	6535	See test graph	See test graph	PASS
	Ant2	6535	See test graph	See test graph	PASS
	Ant1	6715	See test graph	See test graph	PASS
	Ant2	6715	See test graph	See test graph	PASS
	Ant1	6855	See test graph	See test graph	PASS
	Ant2	6855	See test graph	See test graph	PASS
	Ant1	6875	See test graph	See test graph	PASS
	Ant2	6875	See test graph	See test graph	PASS
	Ant1	7015	See test graph	See test graph	PASS
	Ant2	7015	See test graph	See test graph	PASS
	Ant1	7115	See test graph	See test graph	PASS
	Ant2	7115	See test graph	See test graph	PASS
11AX40MIMO	Ant1	5965	See test graph	See test graph	PASS
	Ant2	5965	See test graph	See test graph	PASS
	Ant1	6165	See test graph	See test graph	PASS
	Ant2	6165	See test graph	See test graph	PASS

	Ant1	6405	See test graph	See test graph	PASS
	Ant2	6405	See test graph	See test graph	PASS
	Ant1	6445	See test graph	See test graph	PASS
	Ant2	6445	See test graph	See test graph	PASS
	Ant1	6485	See test graph	See test graph	PASS
	Ant2	6485	See test graph	See test graph	PASS
	Ant1	6525	See test graph	See test graph	PASS
	Ant2	6525	See test graph	See test graph	PASS
	Ant1	6565	See test graph	See test graph	PASS
	Ant2	6565	See test graph	See test graph	PASS
	Ant1	6725	See test graph	See test graph	PASS
	Ant2	6725	See test graph	See test graph	PASS
	Ant1	6845	See test graph	See test graph	PASS
	Ant2	6845	See test graph	See test graph	PASS
	Ant1	6885	See test graph	See test graph	PASS
	Ant2	6885	See test graph	See test graph	PASS
	Ant1	7005	See test graph	See test graph	PASS
	Ant2	7005	See test graph	See test graph	PASS
	Ant1	7085	See test graph	See test graph	PASS
	Ant2	7085	See test graph	See test graph	PASS
11AX80MIMO	Ant1	5985	See test graph	See test graph	PASS
	Ant2	5985	See test graph	See test graph	PASS
	Ant1	6145	See test graph	See test graph	PASS
	Ant2	6145	See test graph	See test graph	PASS
	Ant1	6385	See test graph	See test graph	PASS
	Ant2	6385	See test graph	See test graph	PASS
	Ant1	6465	See test graph	See test graph	PASS
	Ant2	6465	See test graph	See test graph	PASS
	Ant1	6545	See test graph	See test graph	PASS
	Ant2	6545	See test graph	See test graph	PASS
	Ant1	6625	See test graph	See test graph	PASS

	Ant2	6625	See test graph	See test graph	PASS
	Ant1	6705	See test graph	See test graph	PASS
	Ant2	6705	See test graph	See test graph	PASS
	Ant1	6785	See test graph	See test graph	PASS
	Ant2	6785	See test graph	See test graph	PASS
	Ant1	6865	See test graph	See test graph	PASS
	Ant2	6865	See test graph	See test graph	PASS
	Ant1	6945	See test graph	See test graph	PASS
	Ant2	6945	See test graph	See test graph	PASS
	Ant1	7025	See test graph	See test graph	PASS
	Ant2	7025	See test graph	See test graph	PASS

12.6.2. Test Graphs

11AX20MIMO_Ant1_5955

11AX20MIMO_Ant2_5955

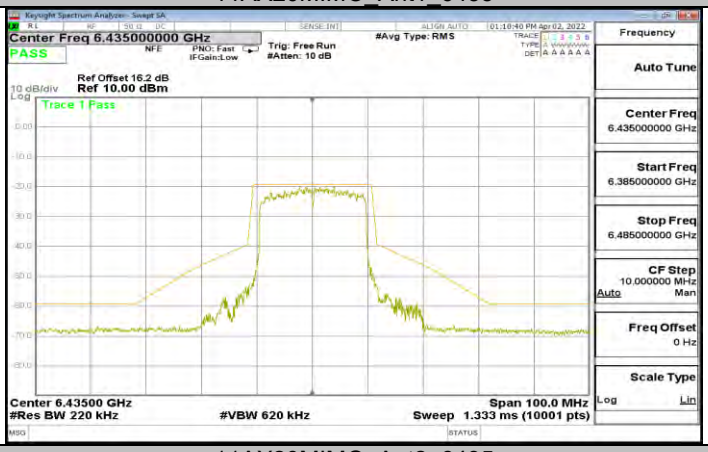
11AX20MIMO_Ant1_6175

11AX20MIMO_Ant2_6175

11AX20MIMO_Ant1_6415

11AX20MIMO_Ant2_6415

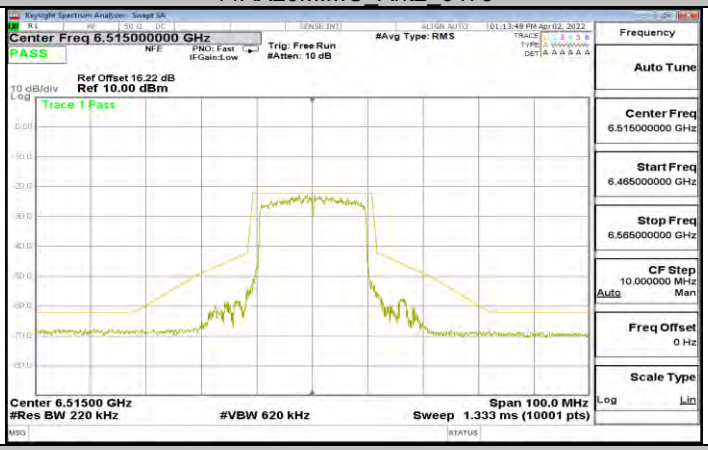
11AX20MIMO_Ant1_6435



11AX20MIMO_Ant2_6435

11AX20MIMO_Ant1_6475

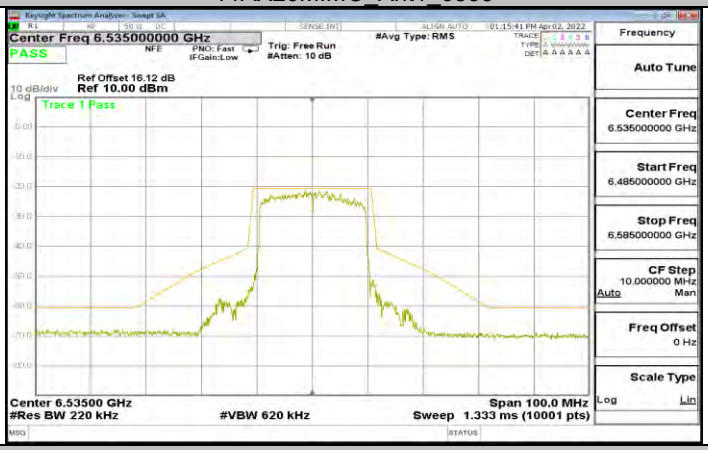
11AX20MIMO_Ant2_6475



11AX20MIMO_Ant1_6515

11AX20MIMO_Ant2_6515

11AX20MIMO_Ant1_6535



11AX20MIMO_Ant2_6535

11AX20MIMO_Ant1_6715

11AX20MIMO_Ant2_6715

11AX20MIMO_Ant1_6855

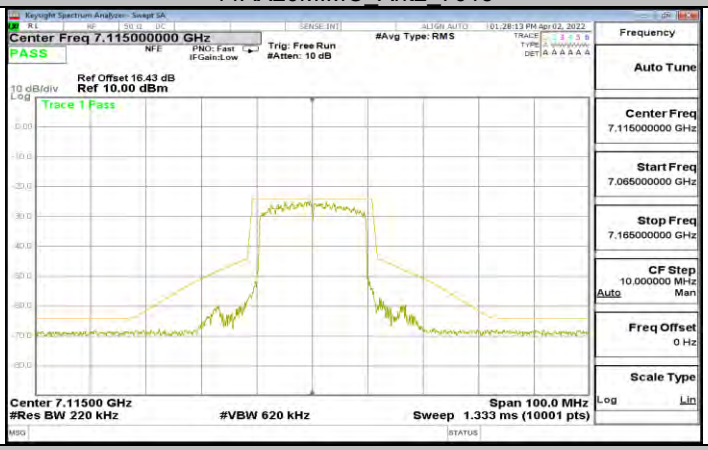
11AX20MIMO_Ant2_6855

11AX20MIMO_Ant1_6875

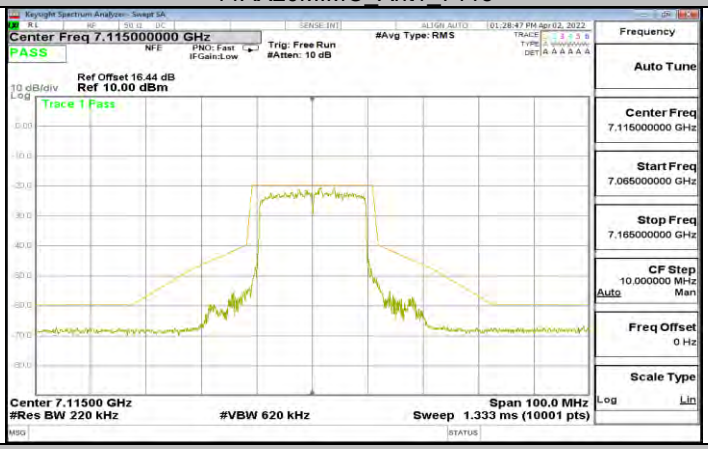
11AX20MIMO_Ant2_6875

11AX20MIMO_Ant1_7015

11AX20MIMO_Ant2_7015



11AX20MIMO_Ant1_7115



11AX20MIMO_Ant2_7115

11AX40MIMO_Ant1_5965

11AX40MIMO_Ant2_5965

11AX40MIMO_Ant1_6165

11AX40MIMO_Ant2_6165

11AX40MIMO_Ant1_6405

11AX40MIMO_Ant2_6405

11AX40MIMO_Ant1_6445

11AX40MIMO_Ant2_6445

11AX40MIMO_Ant1_6485

11AX40MIMO_Ant2_6485

11AX40MIMO_Ant1_6525

11AX40MIMO_Ant2_6525

11AX40MIMO_Ant1_6565

11AX40MIMO_Ant2_6565

11AX40MIMO_Ant1_6725

11AX40MIMO_Ant2_6725

11AX40MIMO_Ant1_6845

11AX40MIMO_Ant2_6845

11AX40MIMO_Ant1_6885

11AX40MIMO_Ant2_6885

11AX40MIMO_Ant1_7005