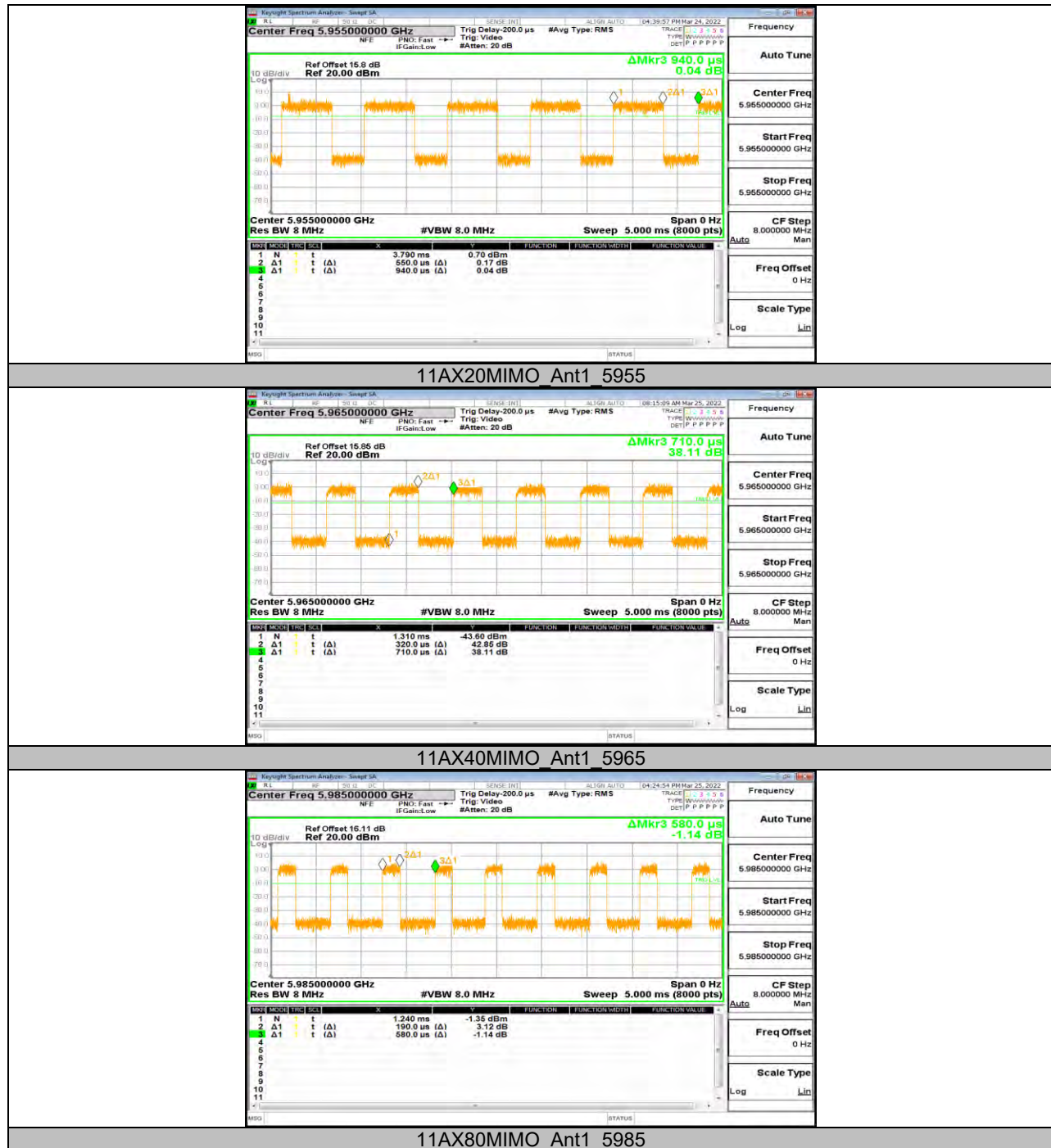




12.3.2. Test Graphs



**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

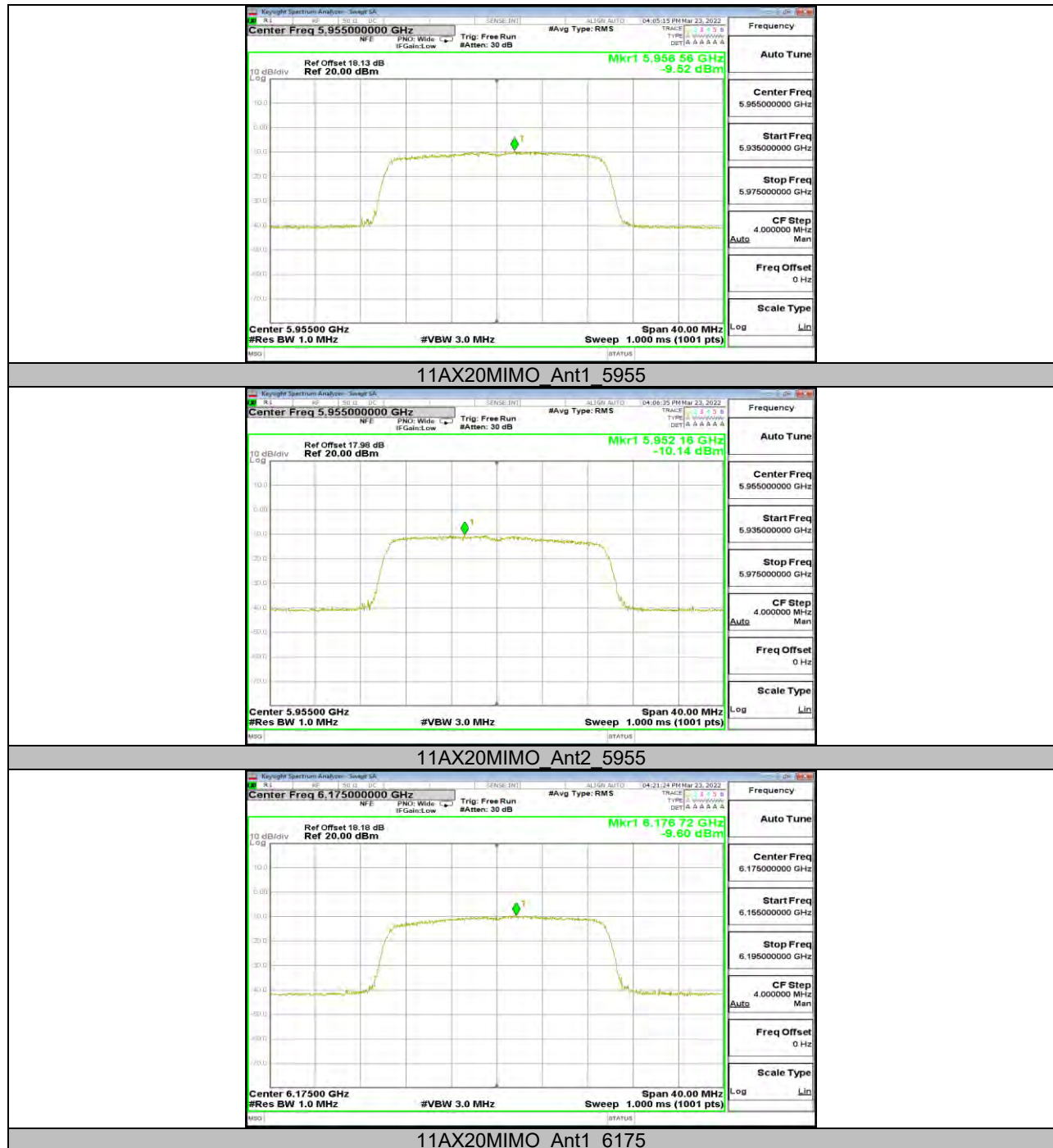
12.5.1. STBC/SDM Mode Test Result

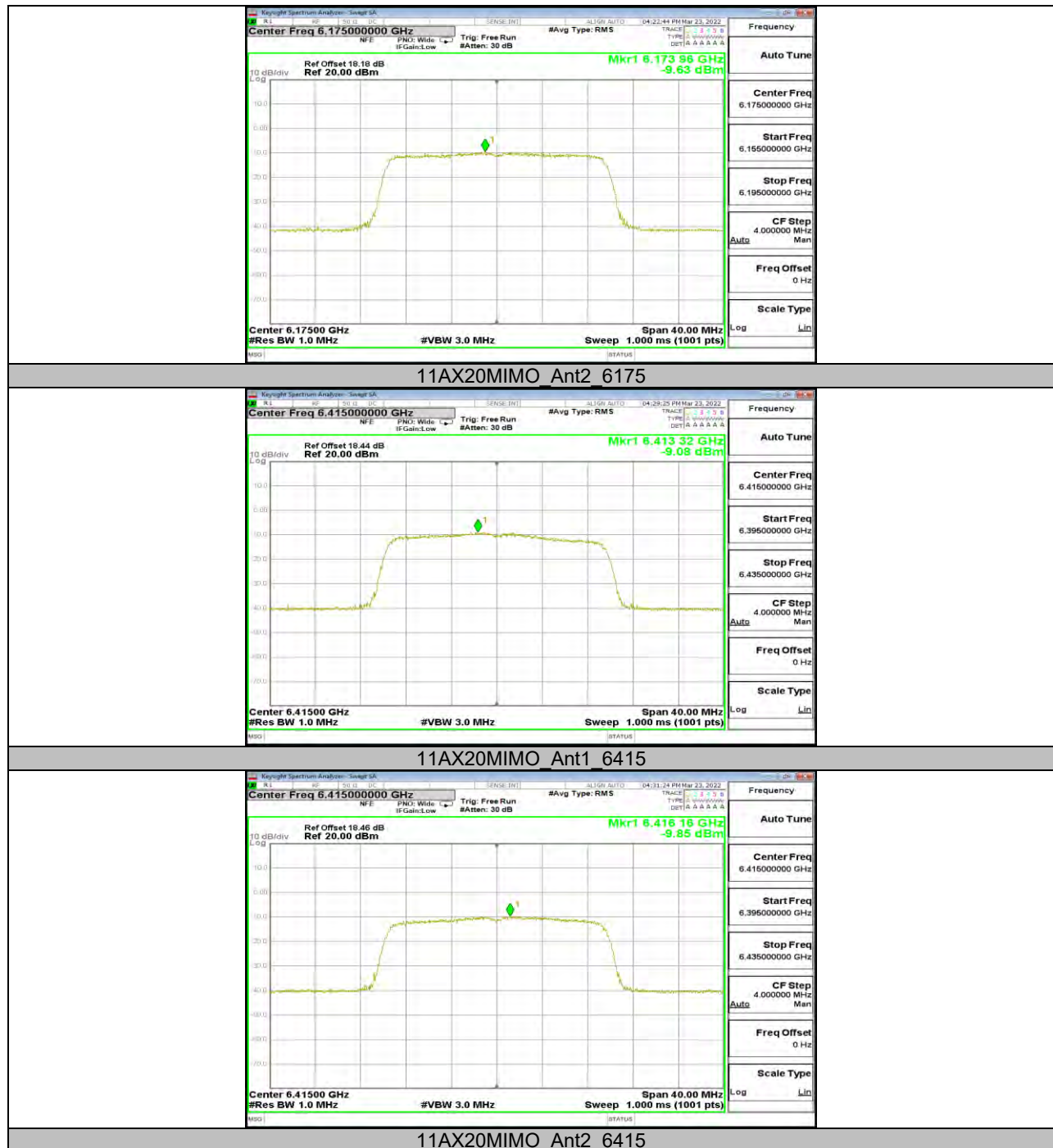
Mode	Frequency (MHz)	PSD (dBm/MHz)			Directional gain (dBi)	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)
		ANT1	ANT2	Total			
802.11ax HE20	5955	-9.52	-10.14	-6.81	4.7	-2.11	-1
	6175	-9.60	-9.63	-6.60	4.7	-1.90	-1
	6415	-9.08	-9.85	-6.44	4.7	-1.74	-1
	6435	-10.07	-10.00	-7.02	4.7	-2.32	-1
	6475	-9.54	-9.57	-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

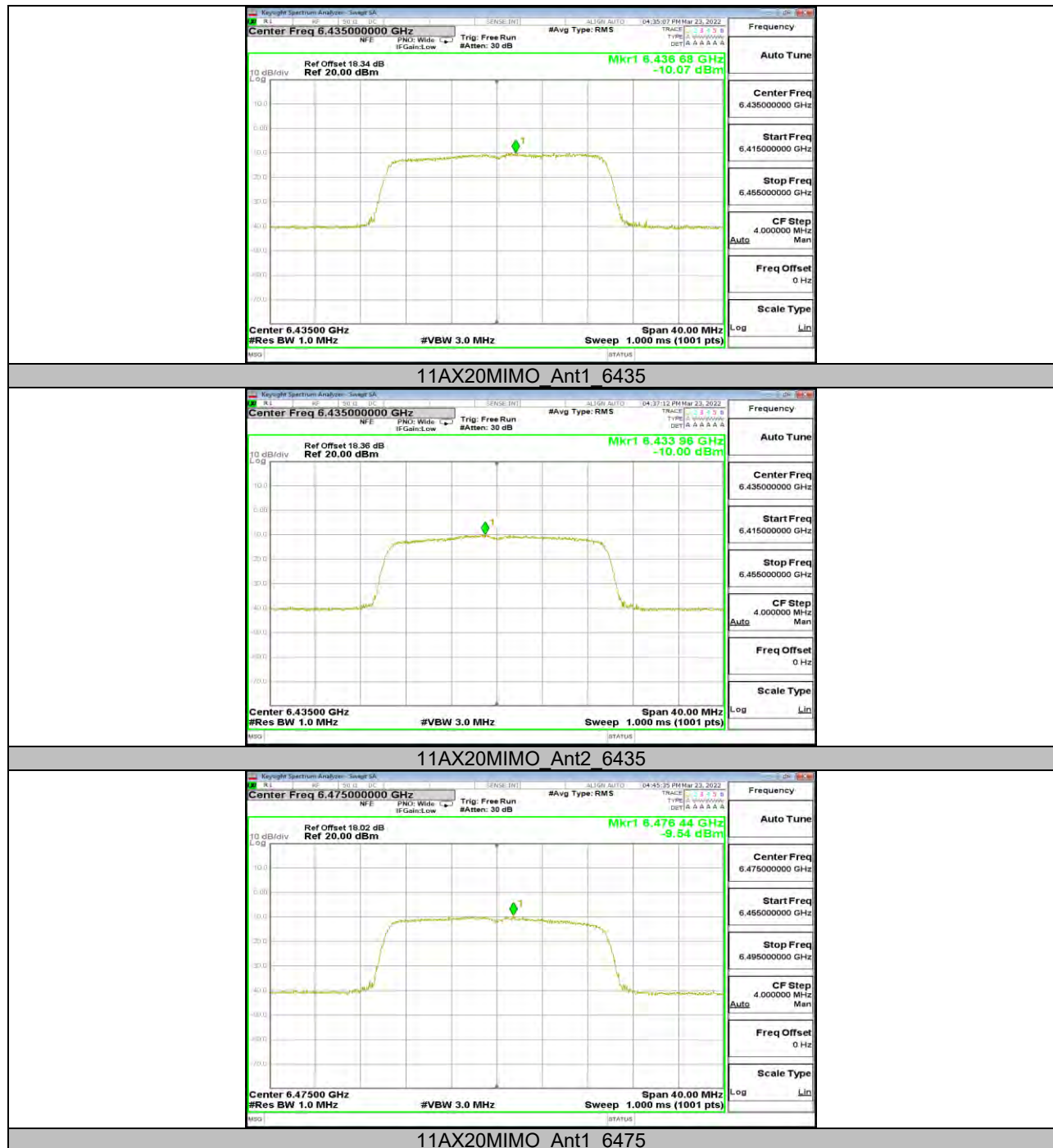
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

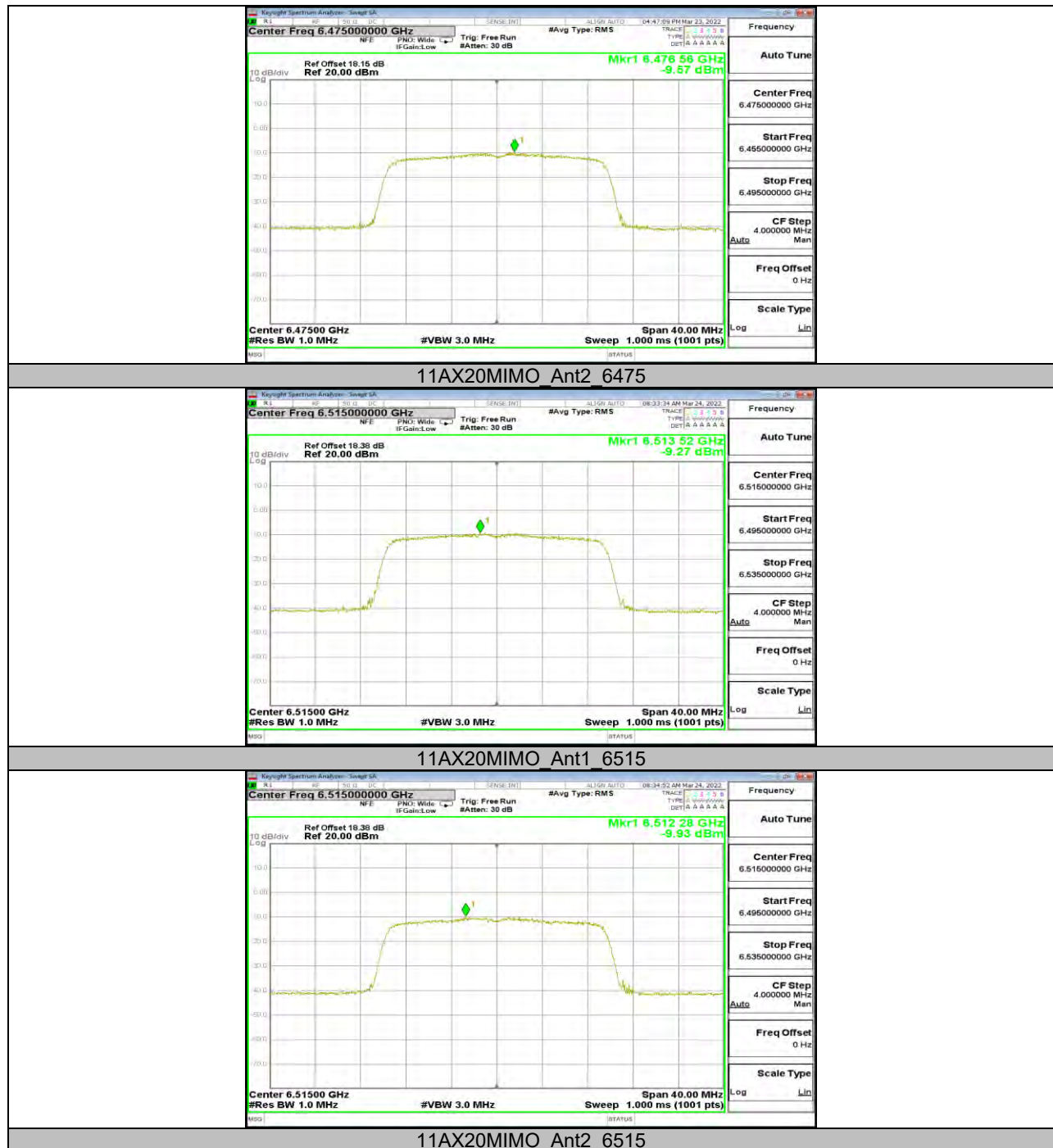
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

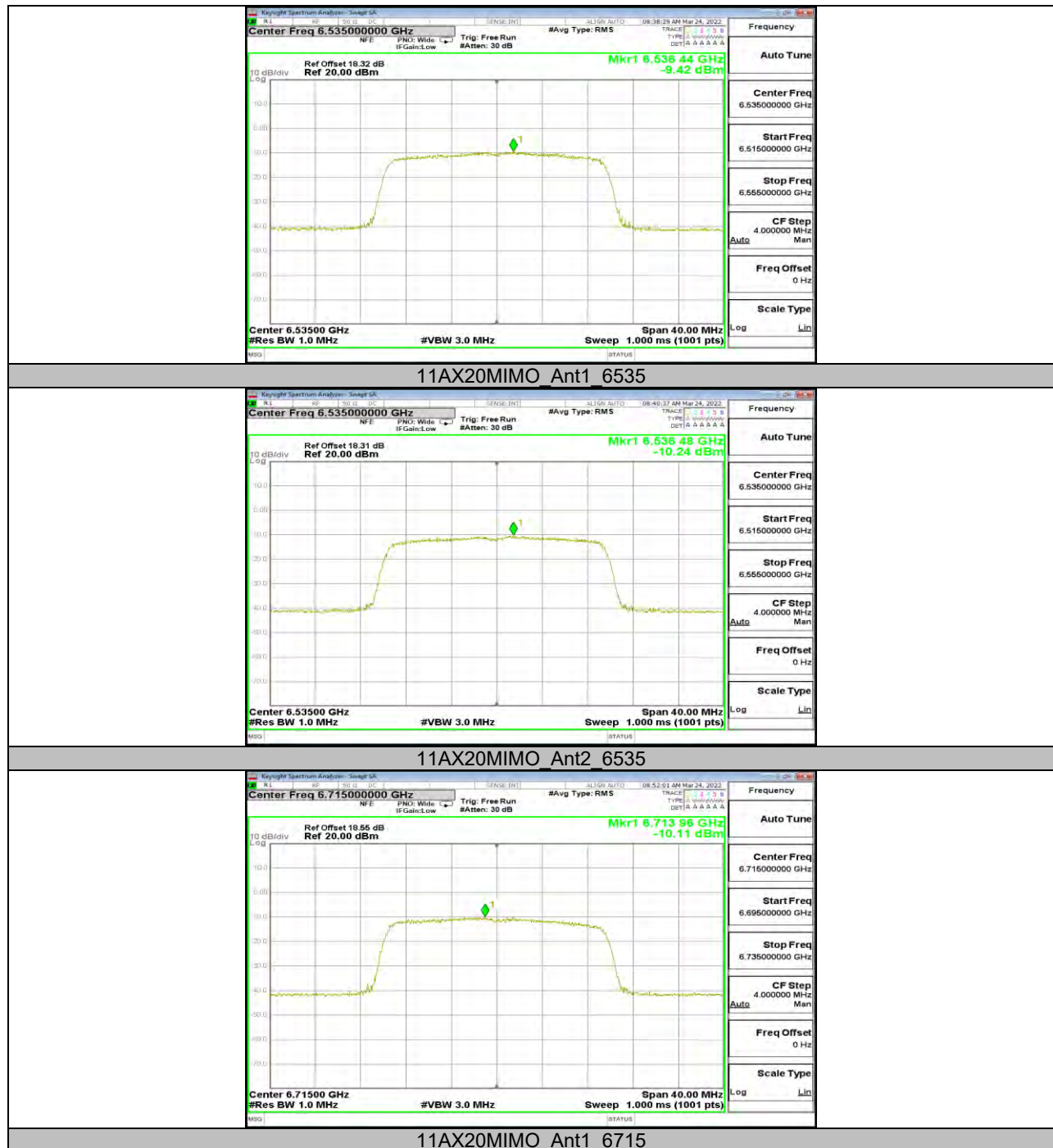
12.5.2. STBC/SDM Mode Test Graphs

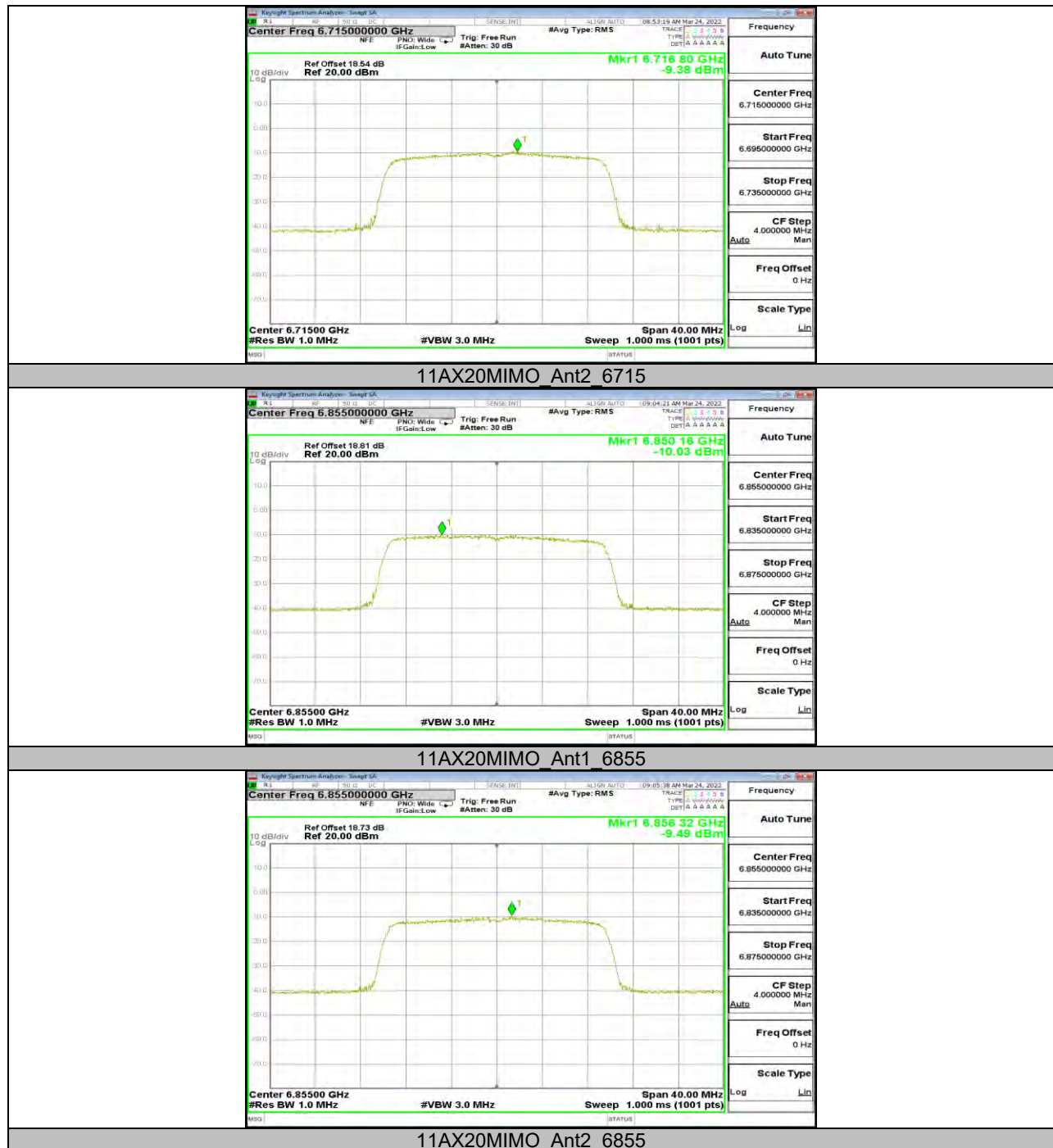


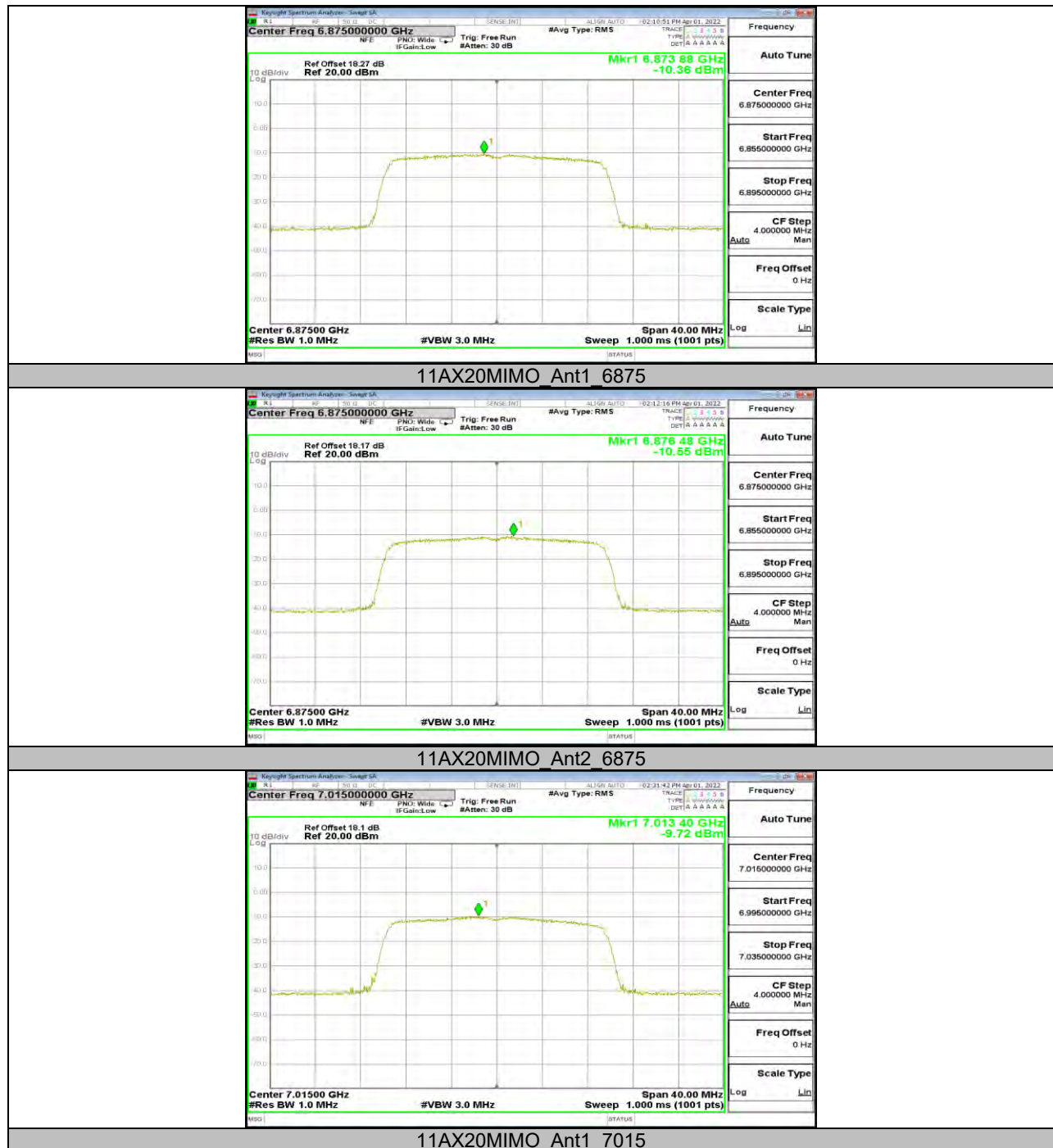


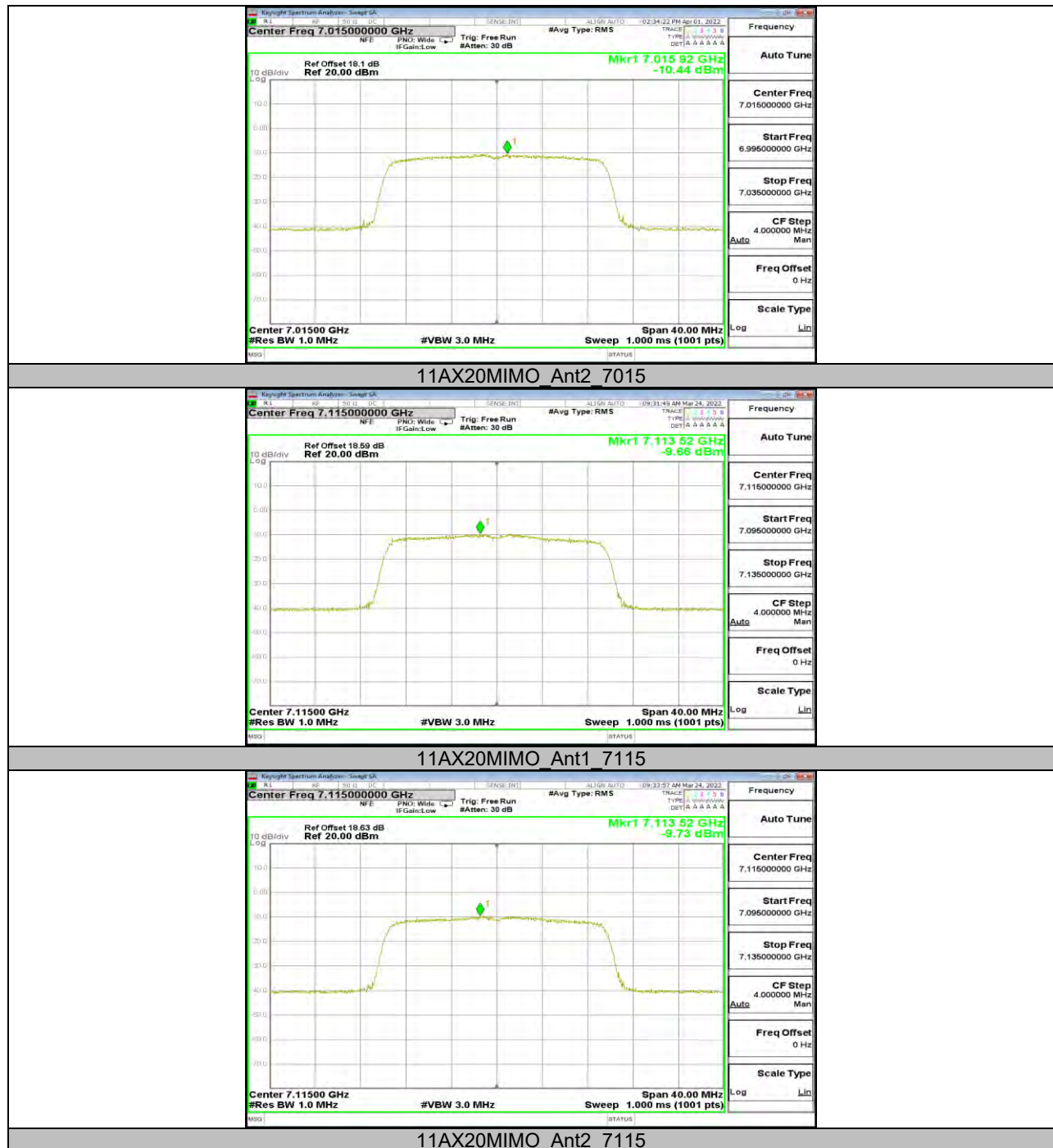


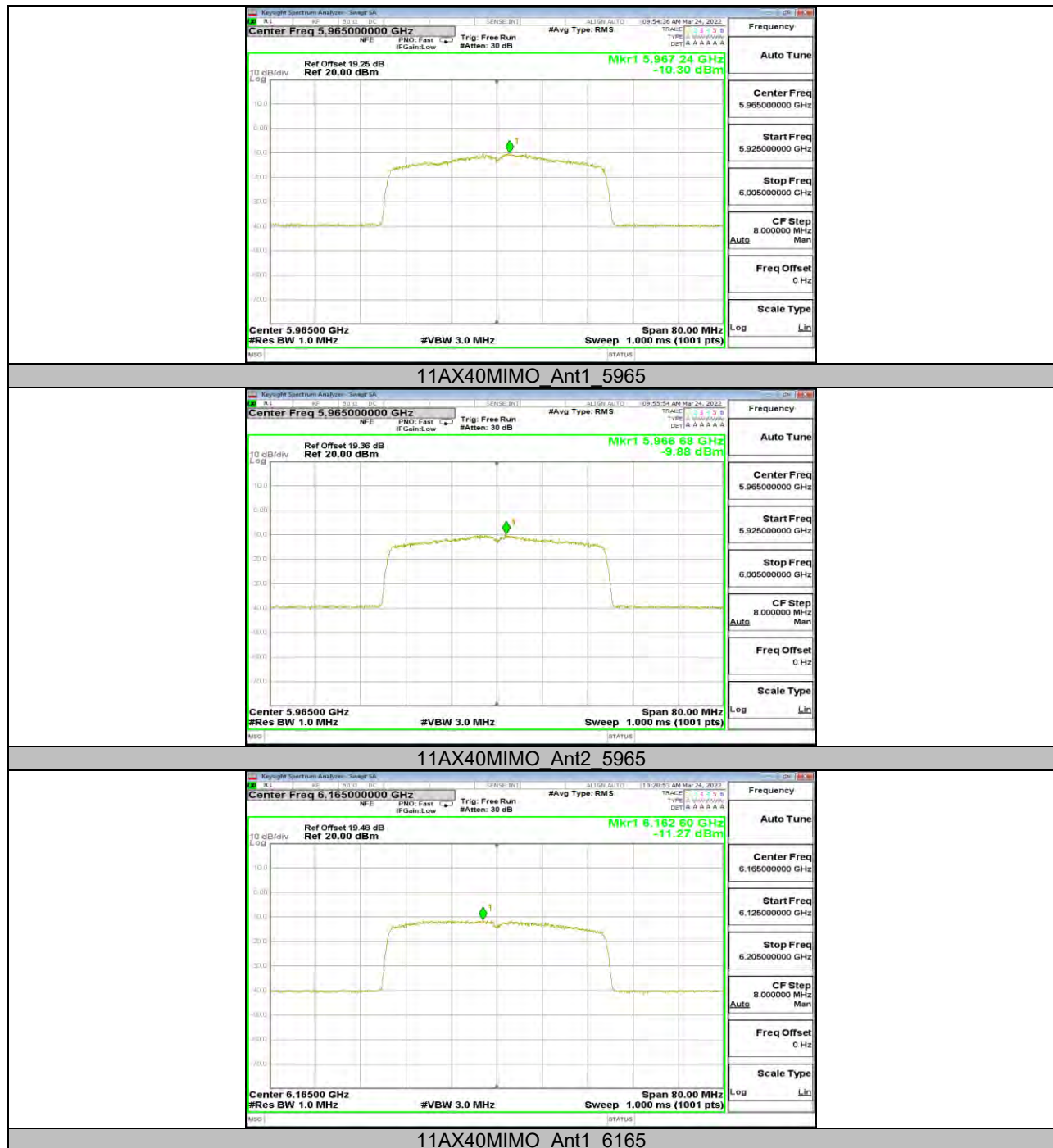


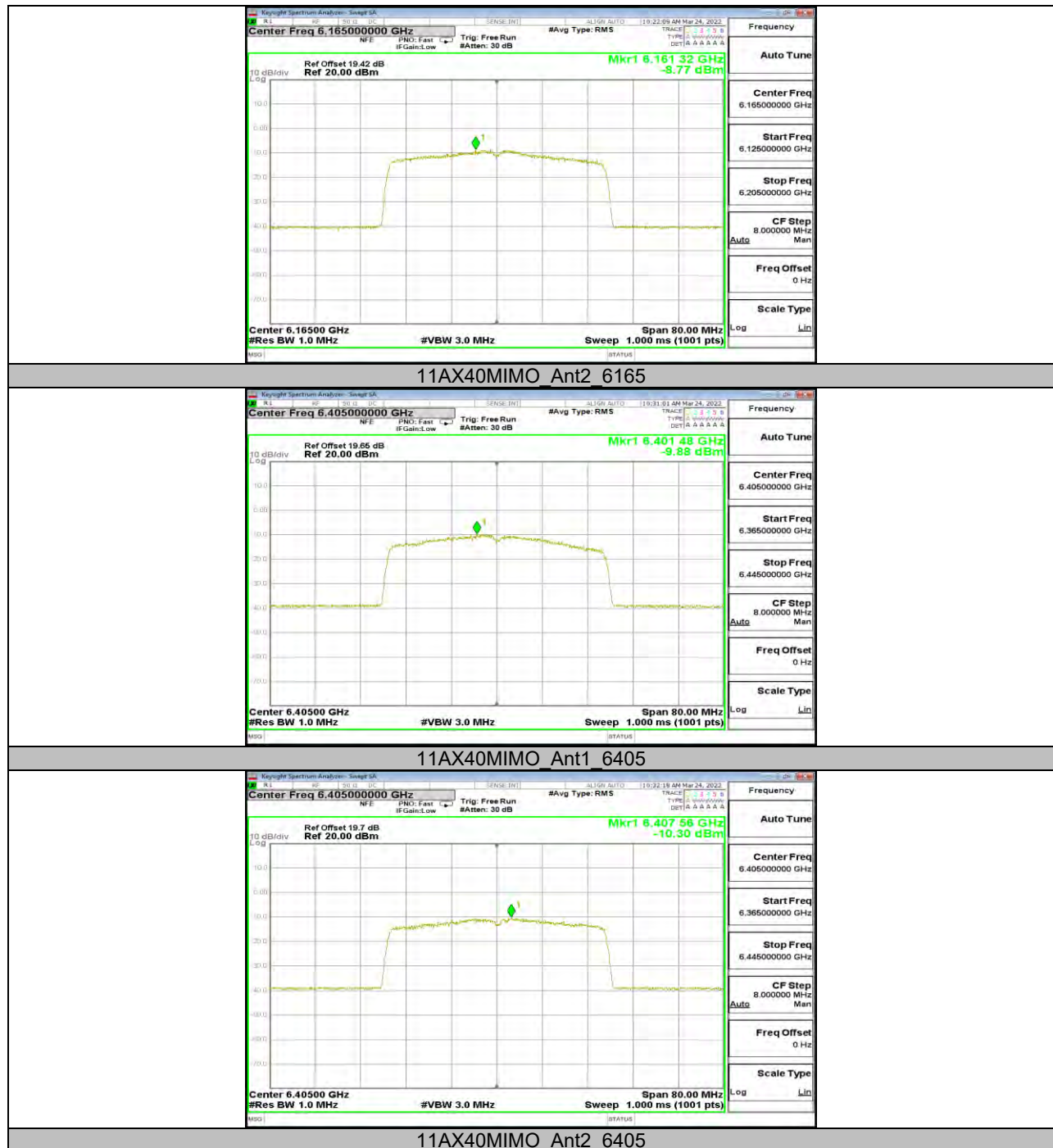


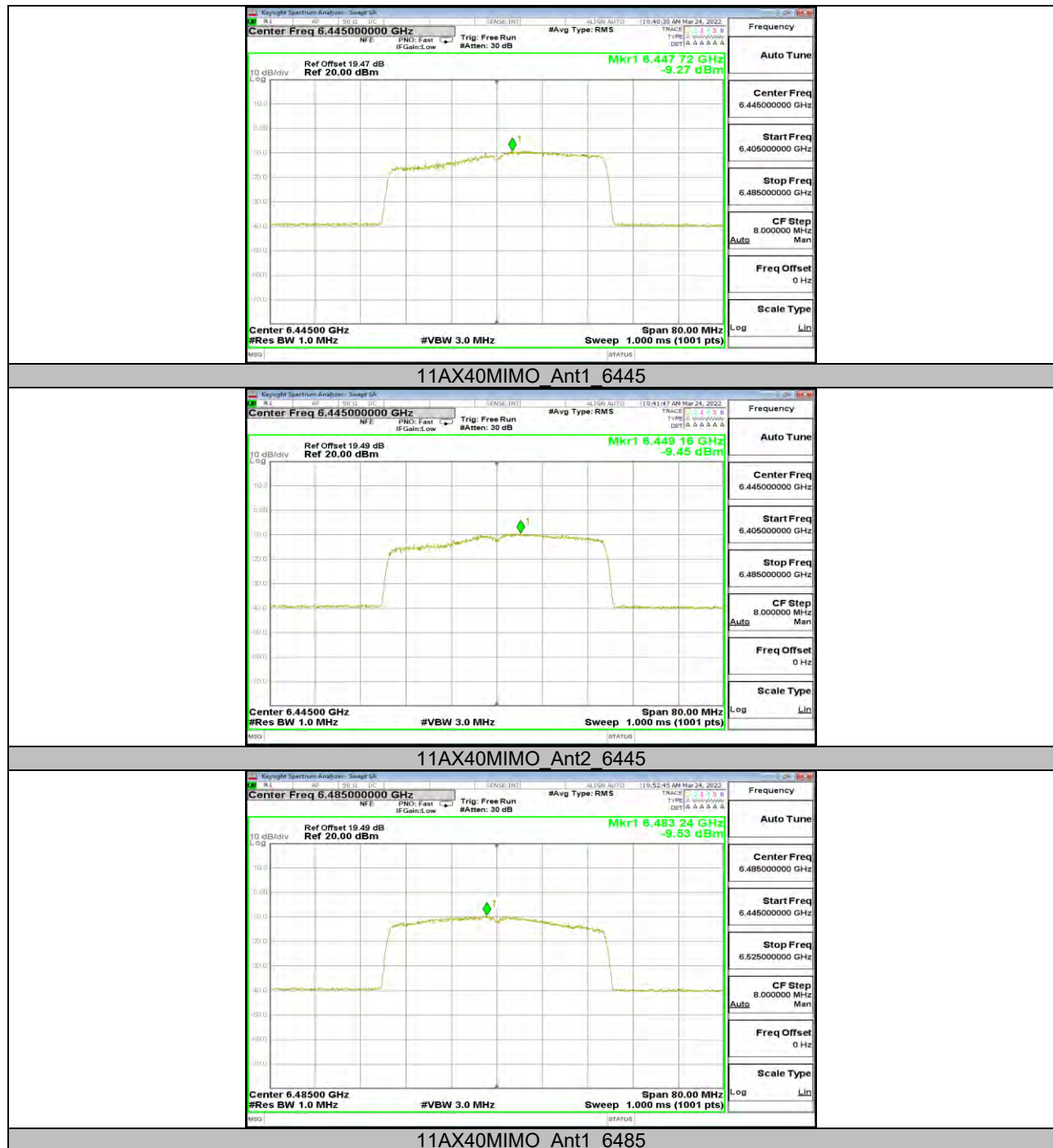




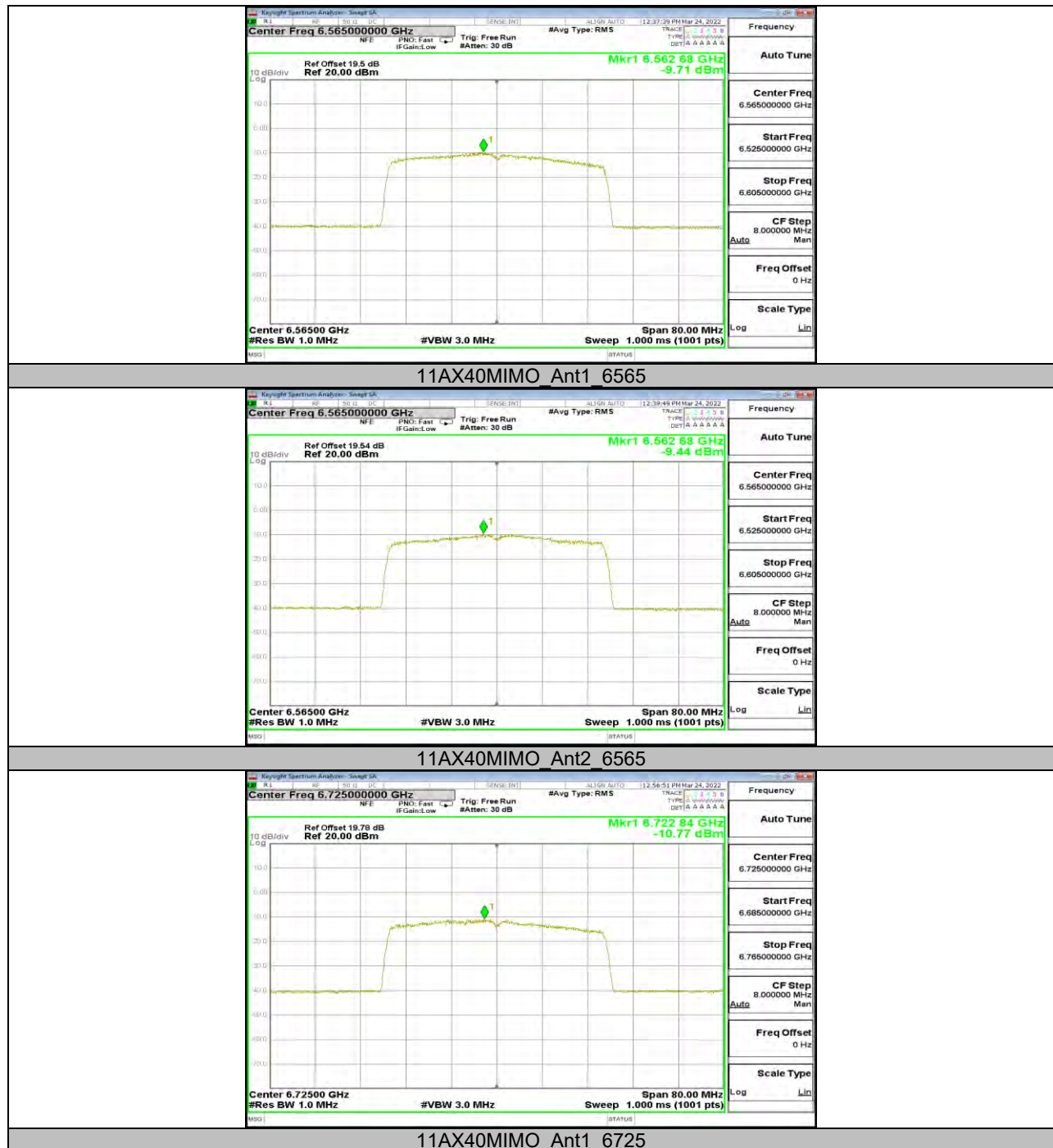


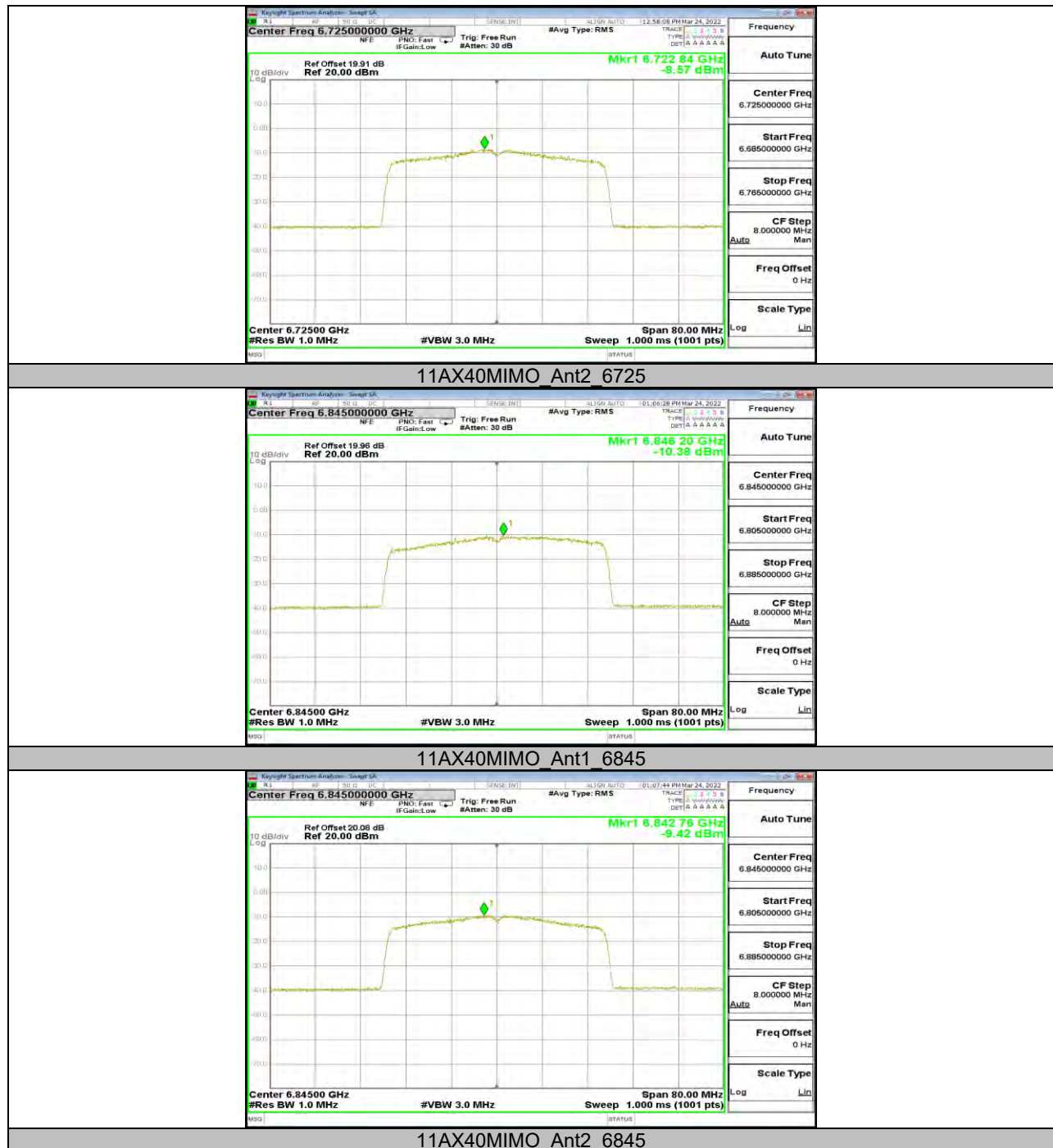


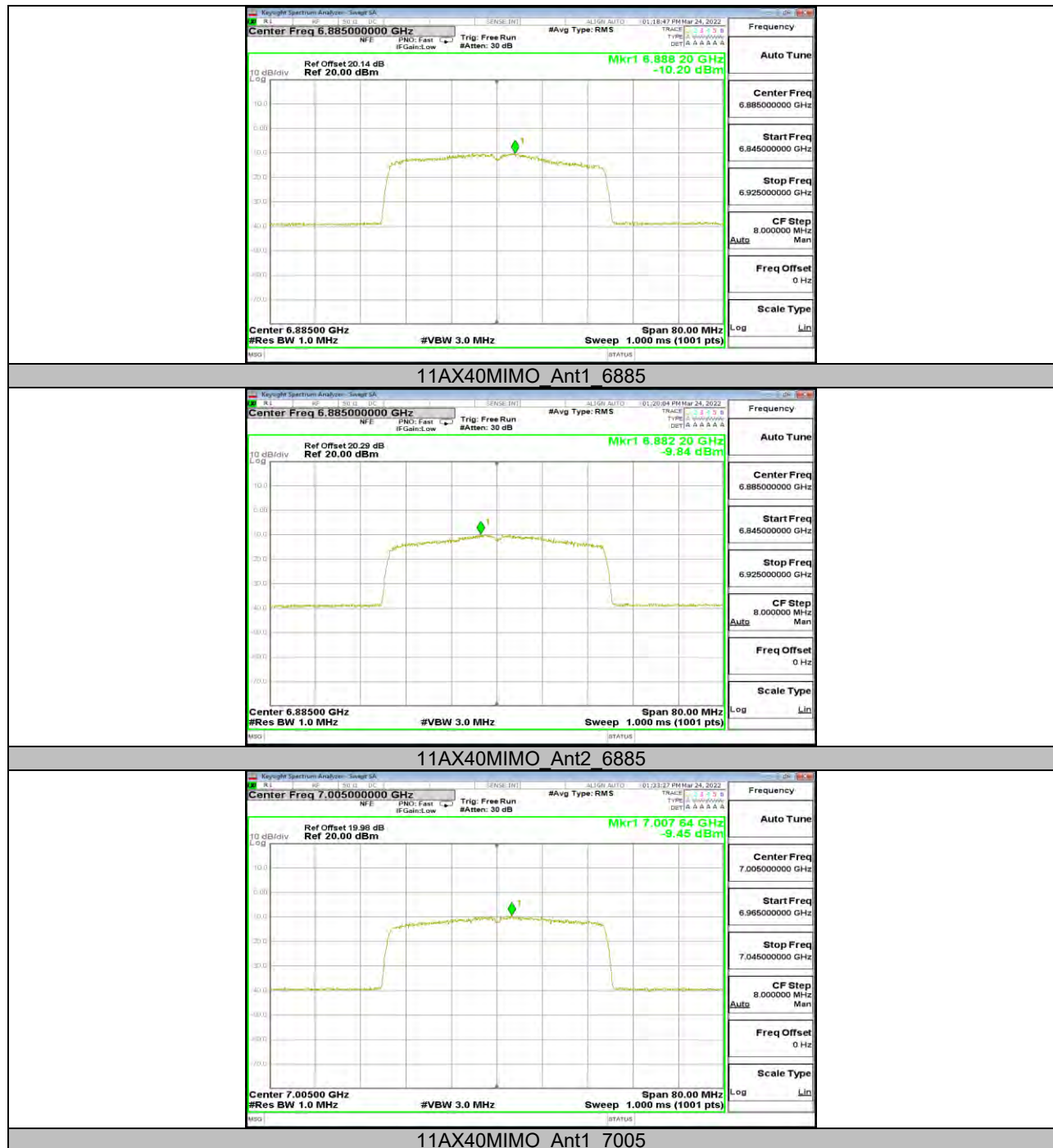


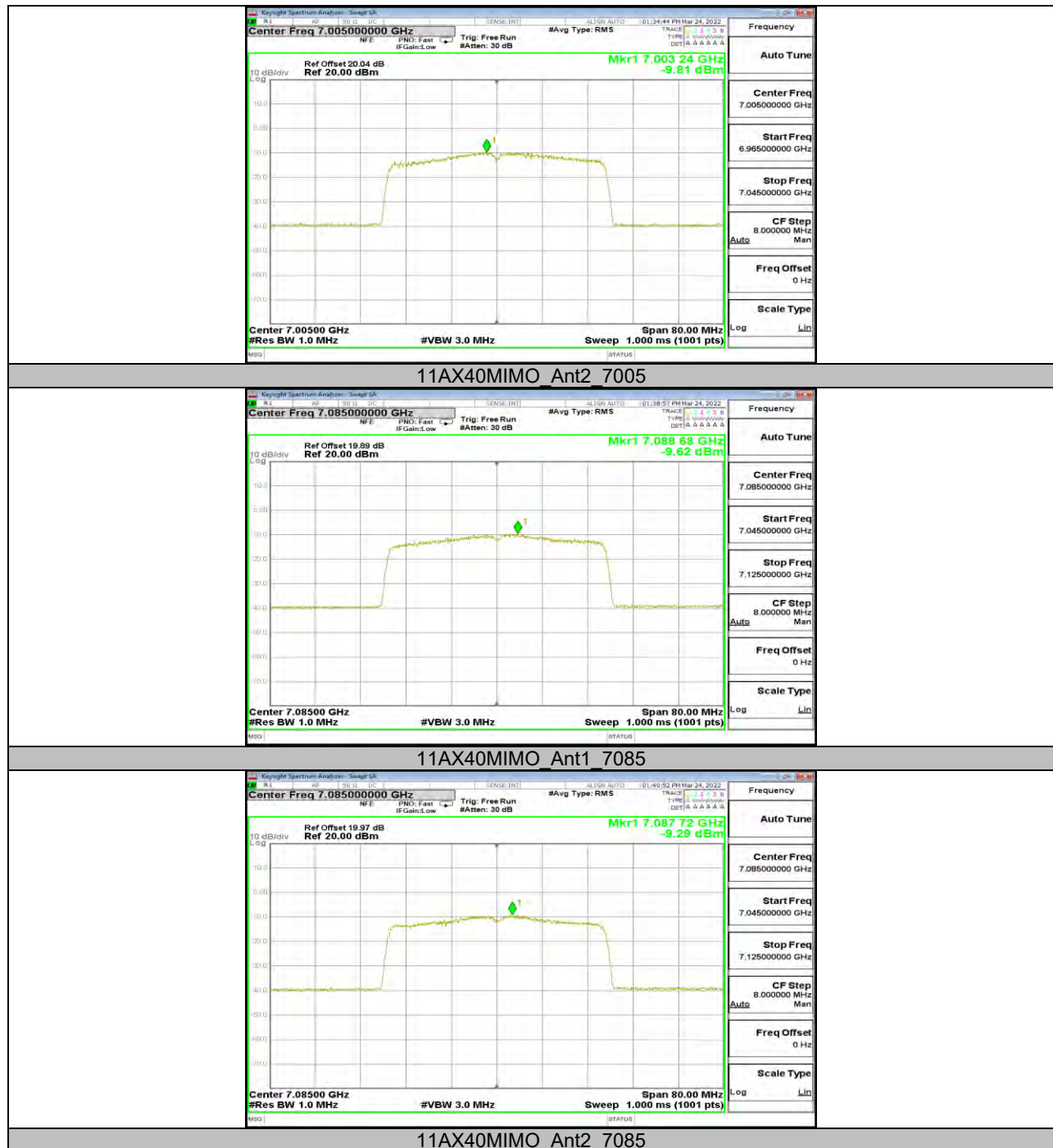


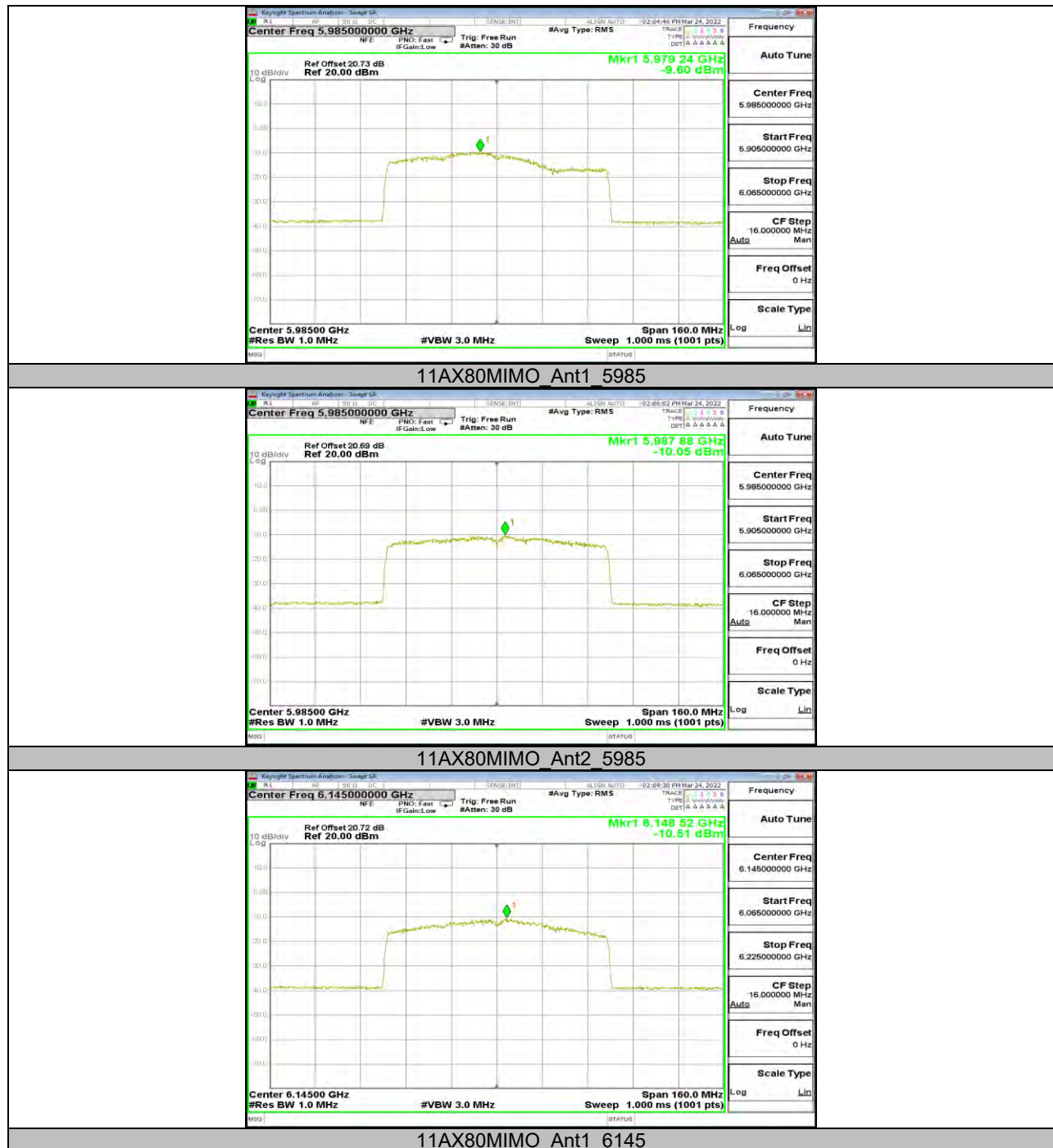


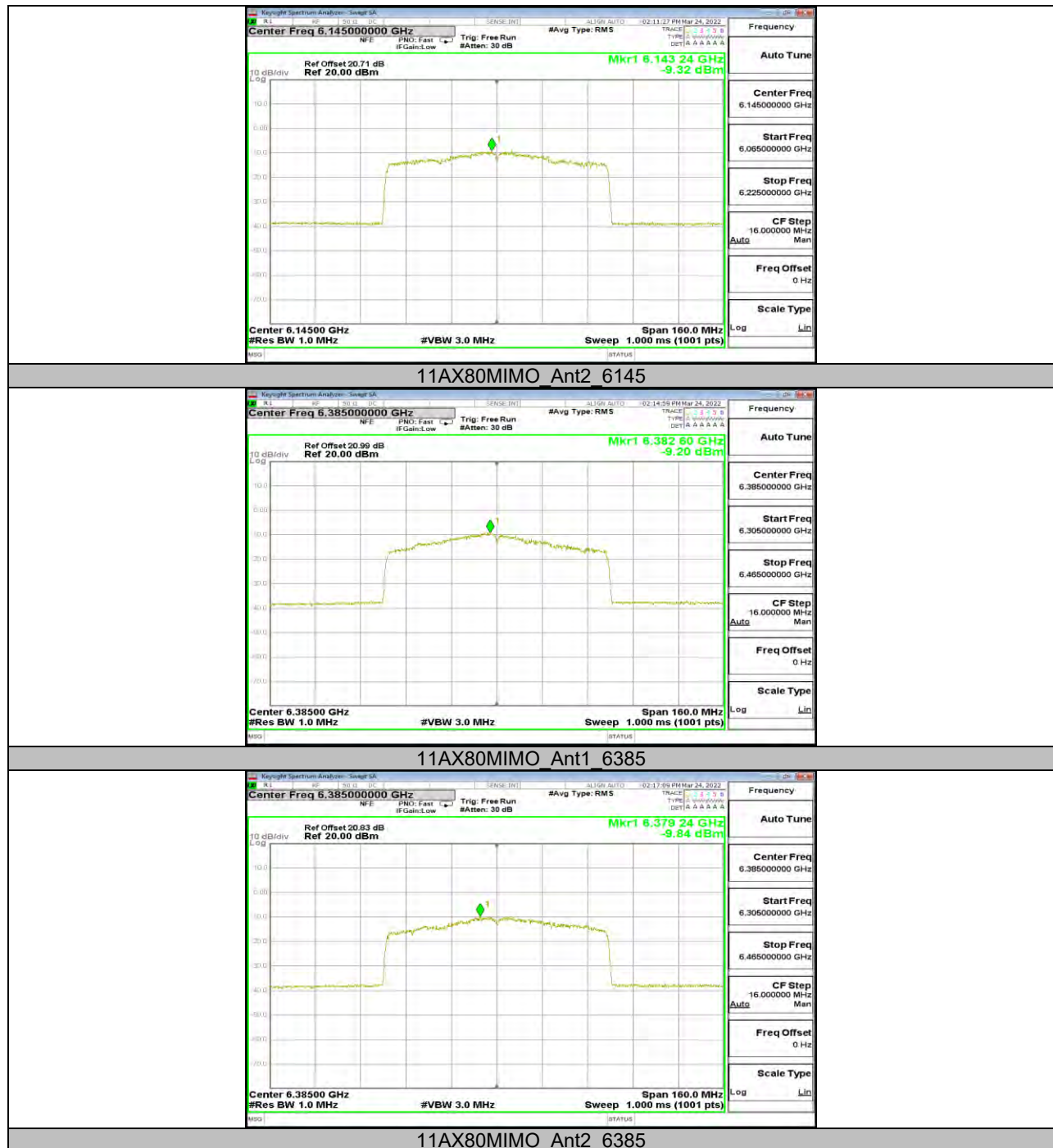


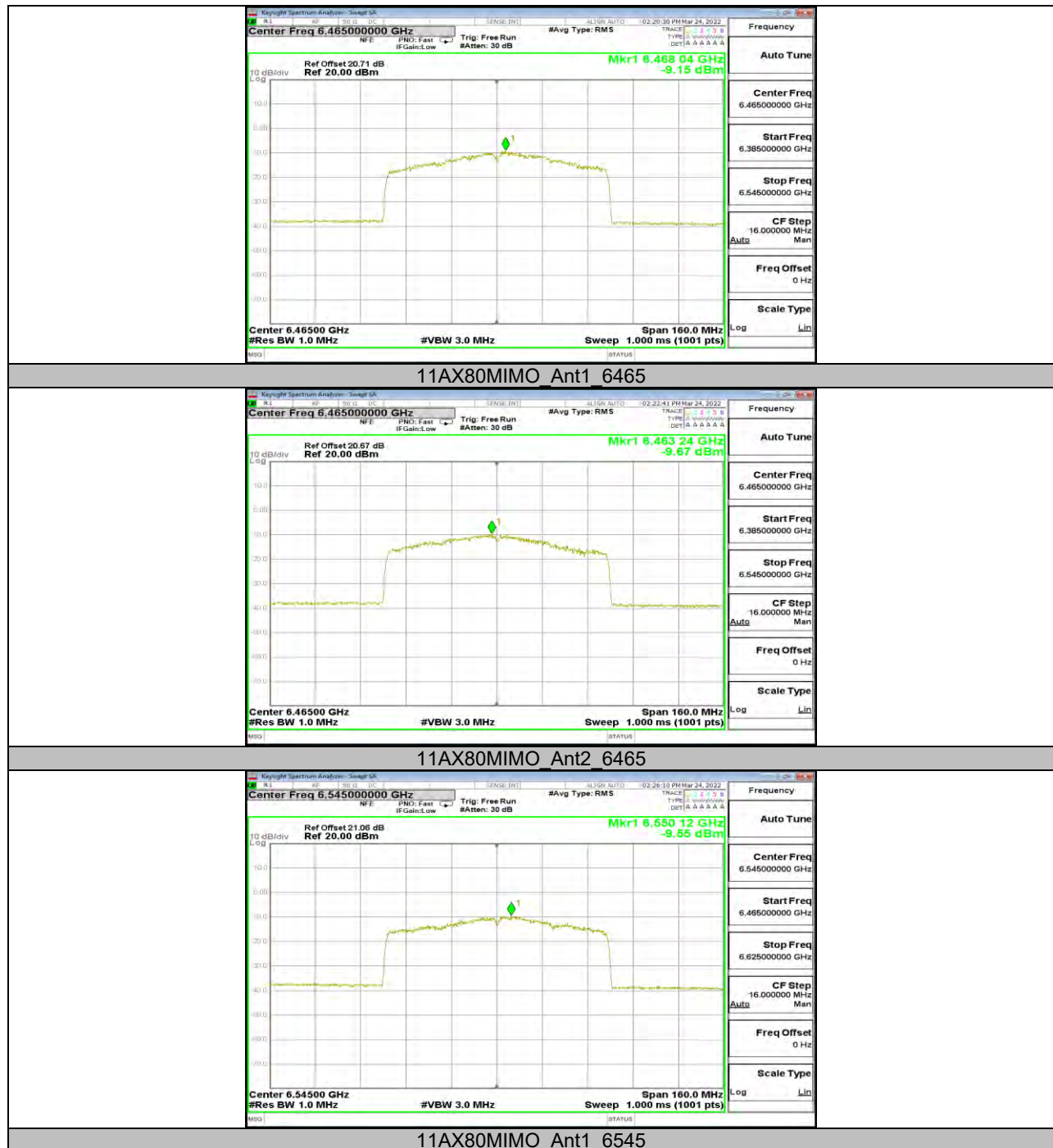


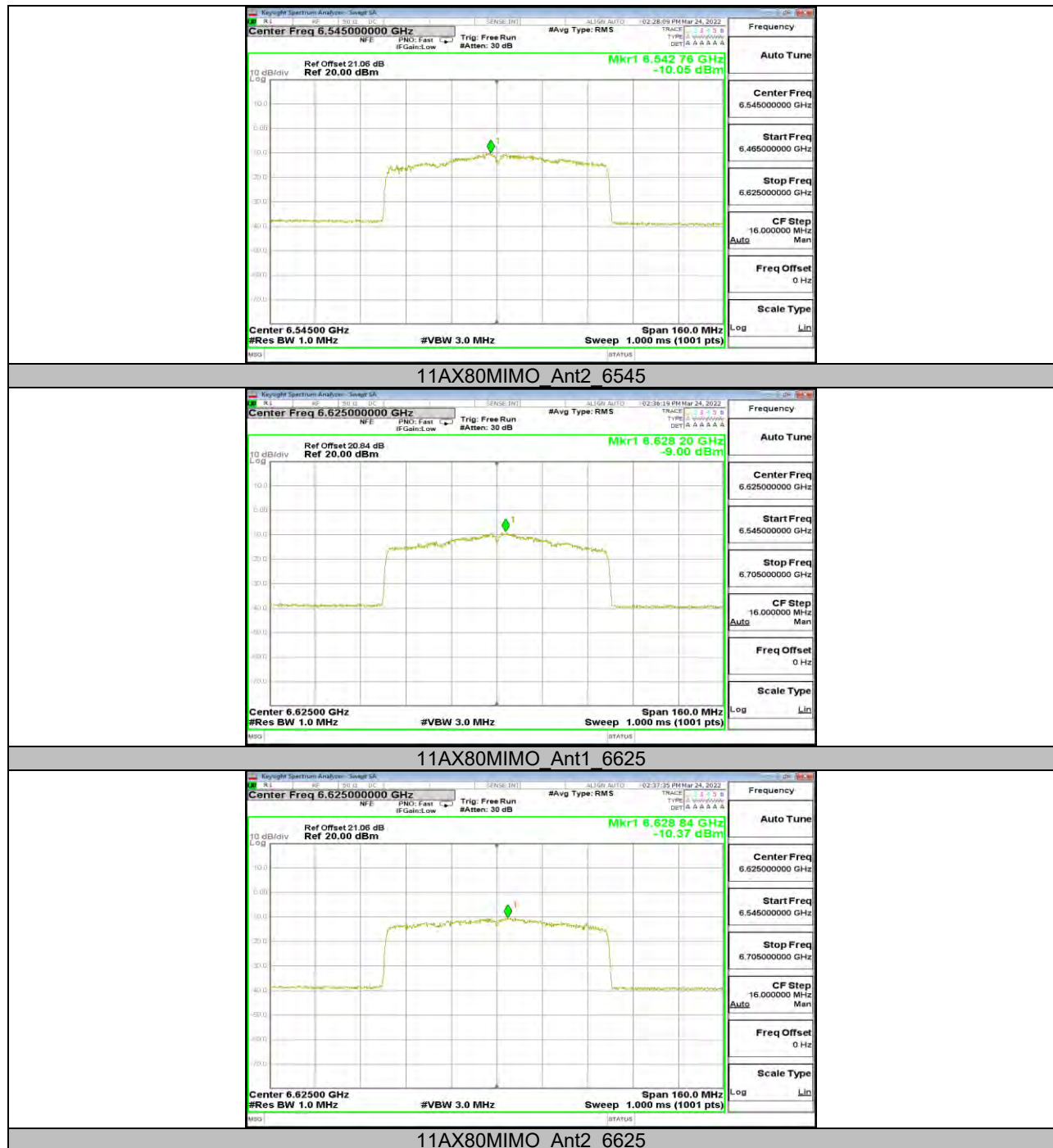


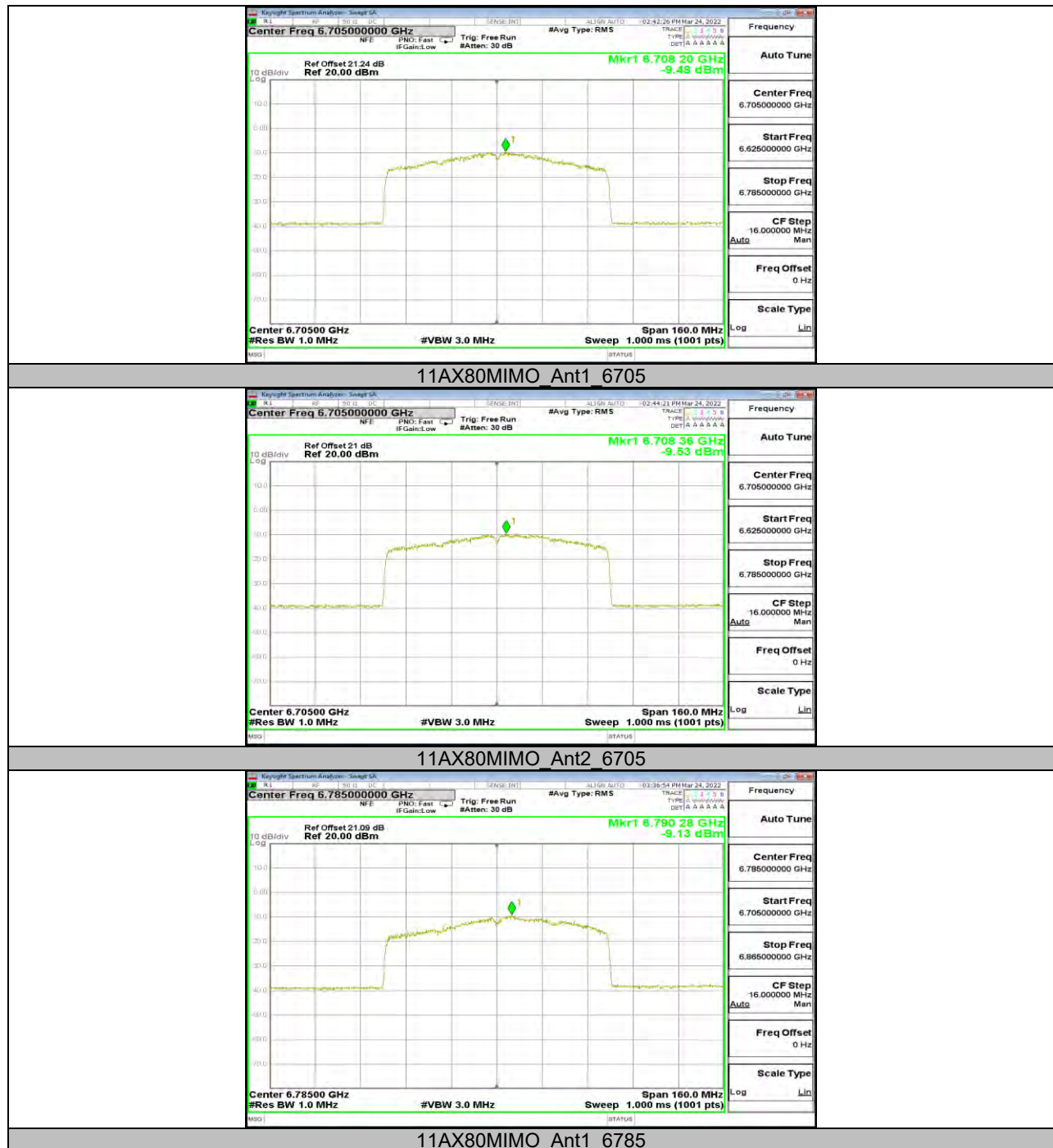


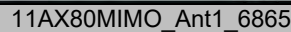
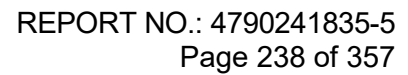


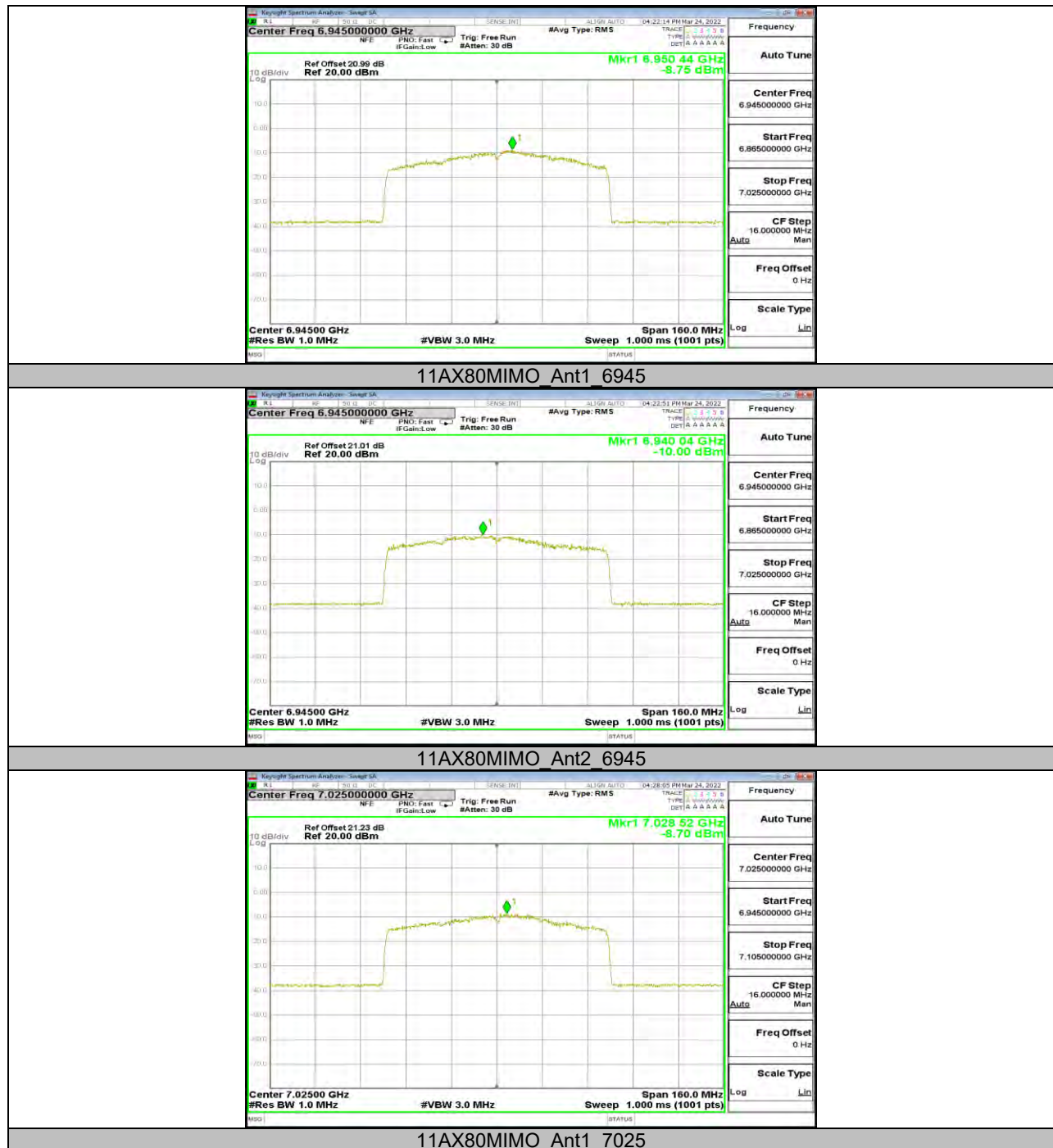














**12.5.1. CDD Mode Test Result**

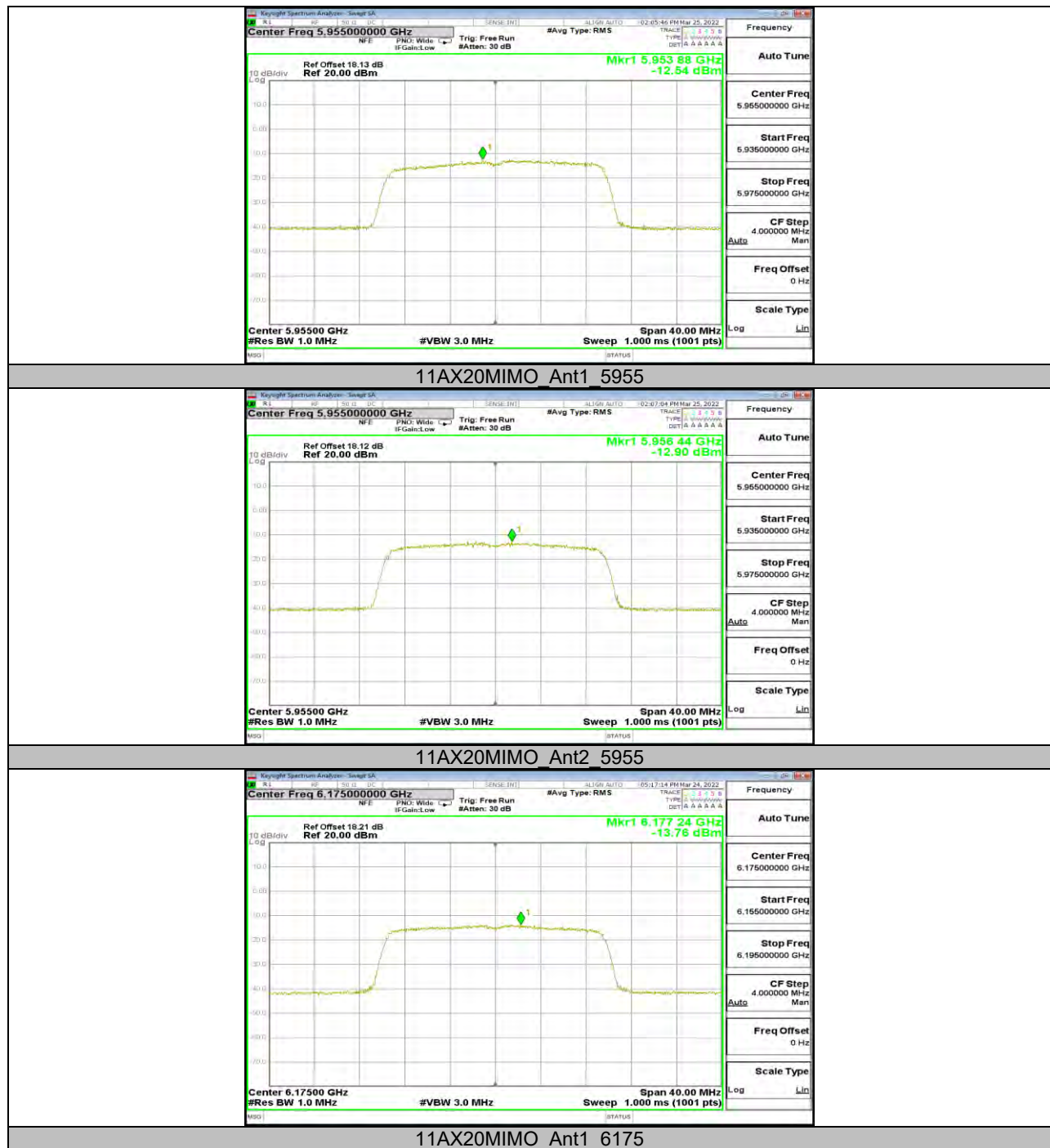
Mode	Frequency (MHz)	PSD (dBm/MHz)			Directional gain (dBi)	EIRP PSD (dBm/MHz)	EIRP Limit (dBm/MHz)
		ANT1	ANT2	Total			
802.11ax HE20	5955	-12.54	-12.90	-9.71	7.71	-2.00	-1
	6175	-13.76	-12.15	-9.87	7.71	-2.16	-1
	6415	-12.54	-12.56	-9.45	7.71	-1.74	-1
	6435	-12.55	-13.07	-9.79	7.71	-2.08	-1
	6475	-12.11	-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

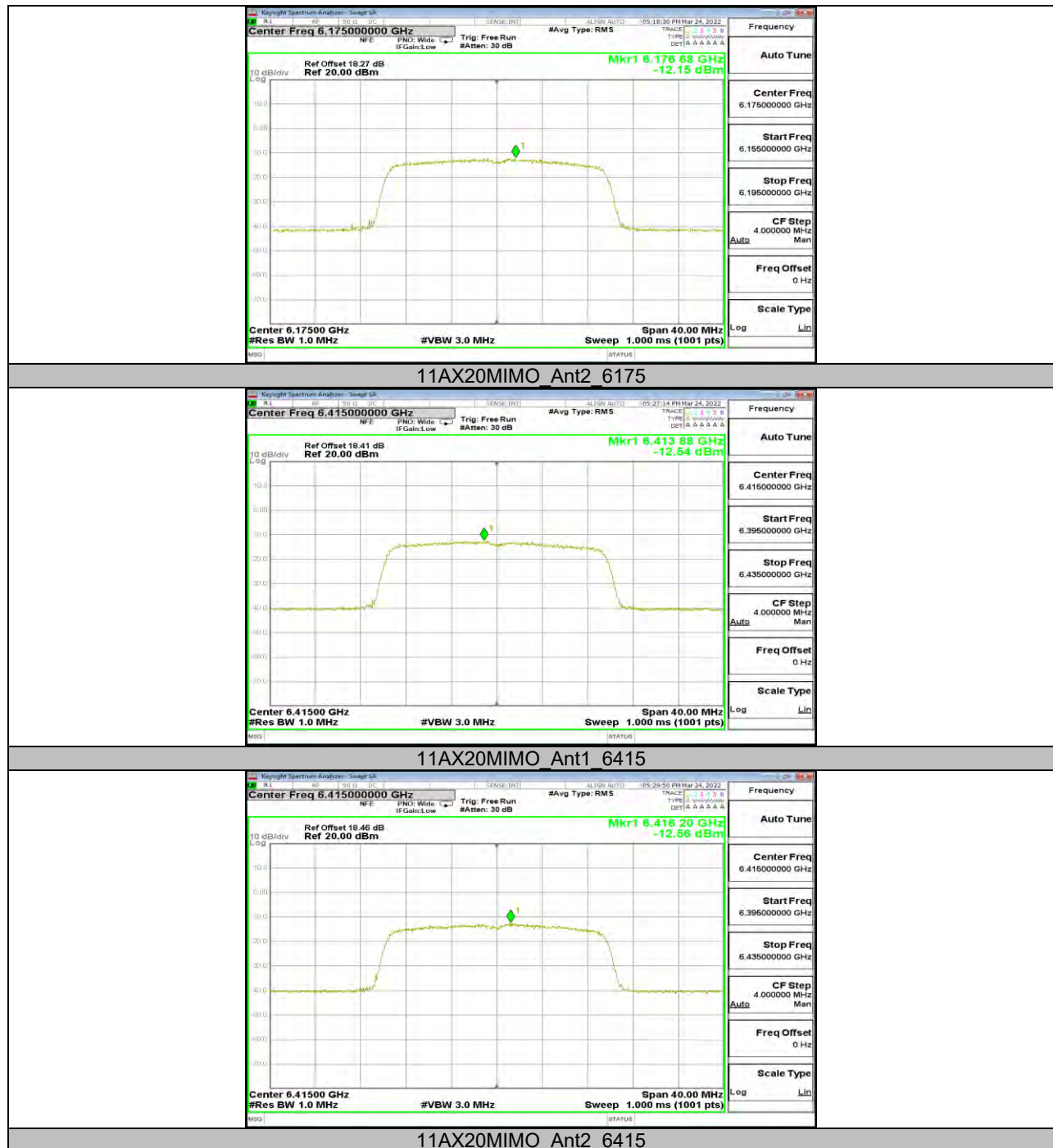
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

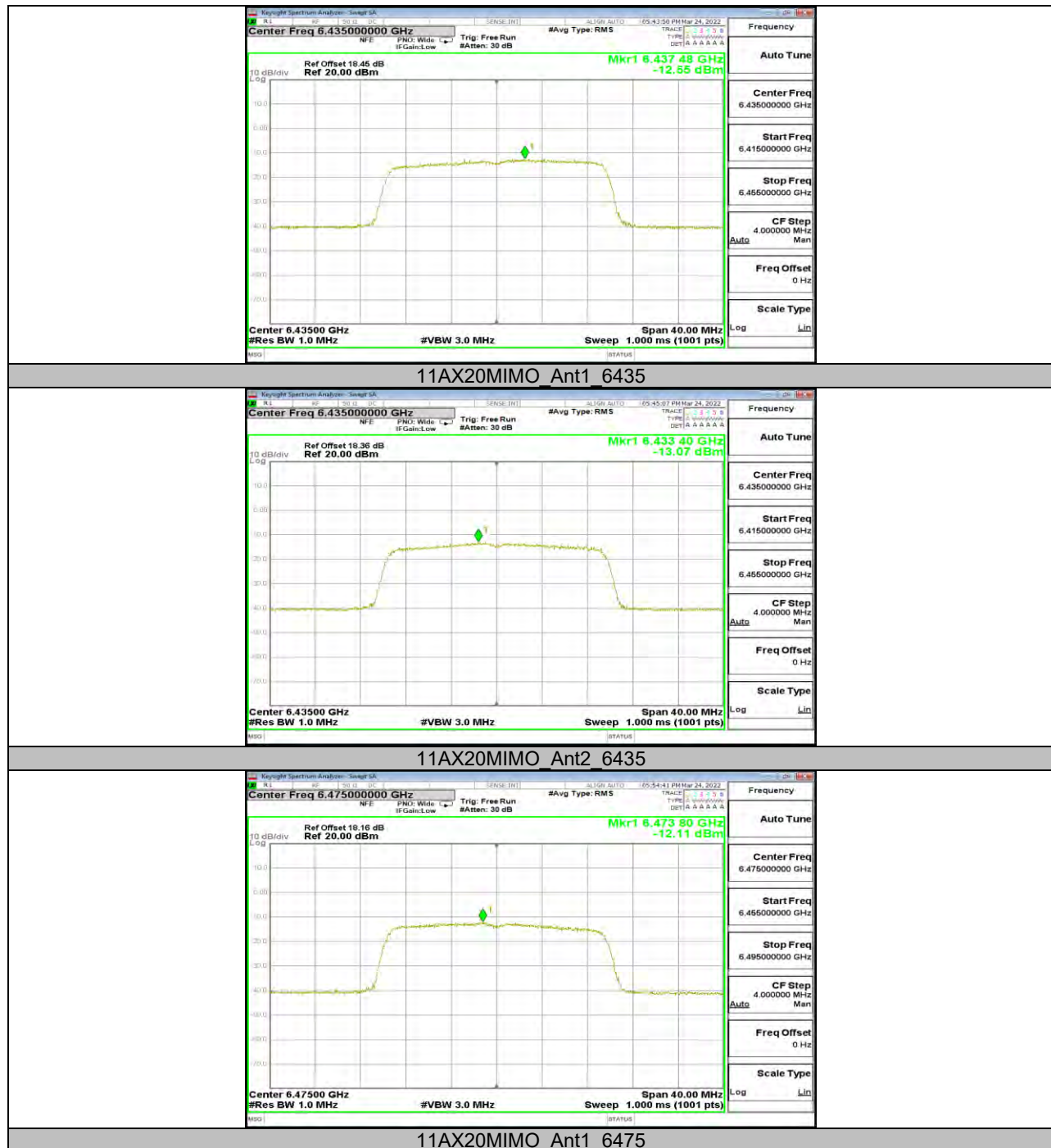
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

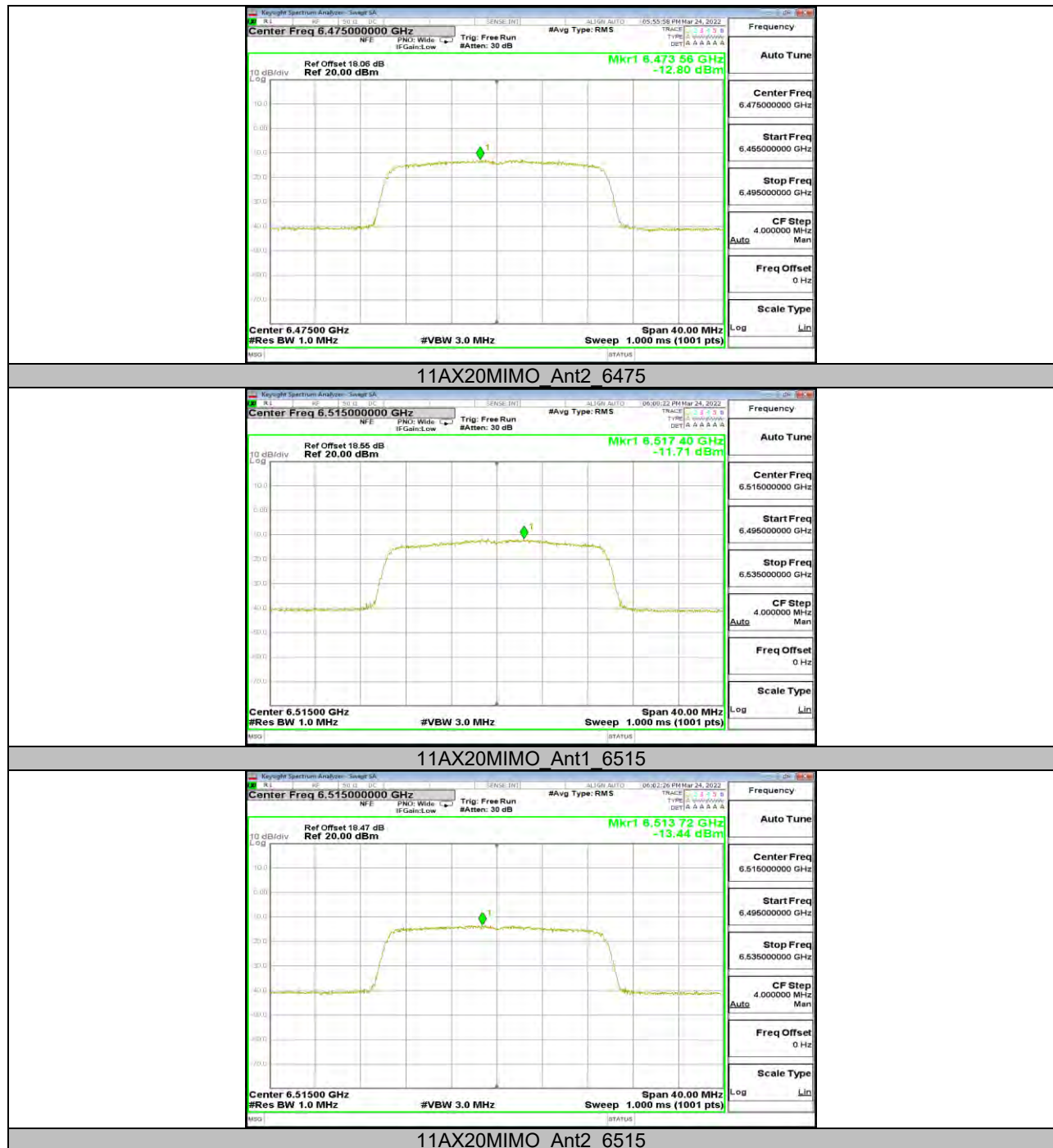


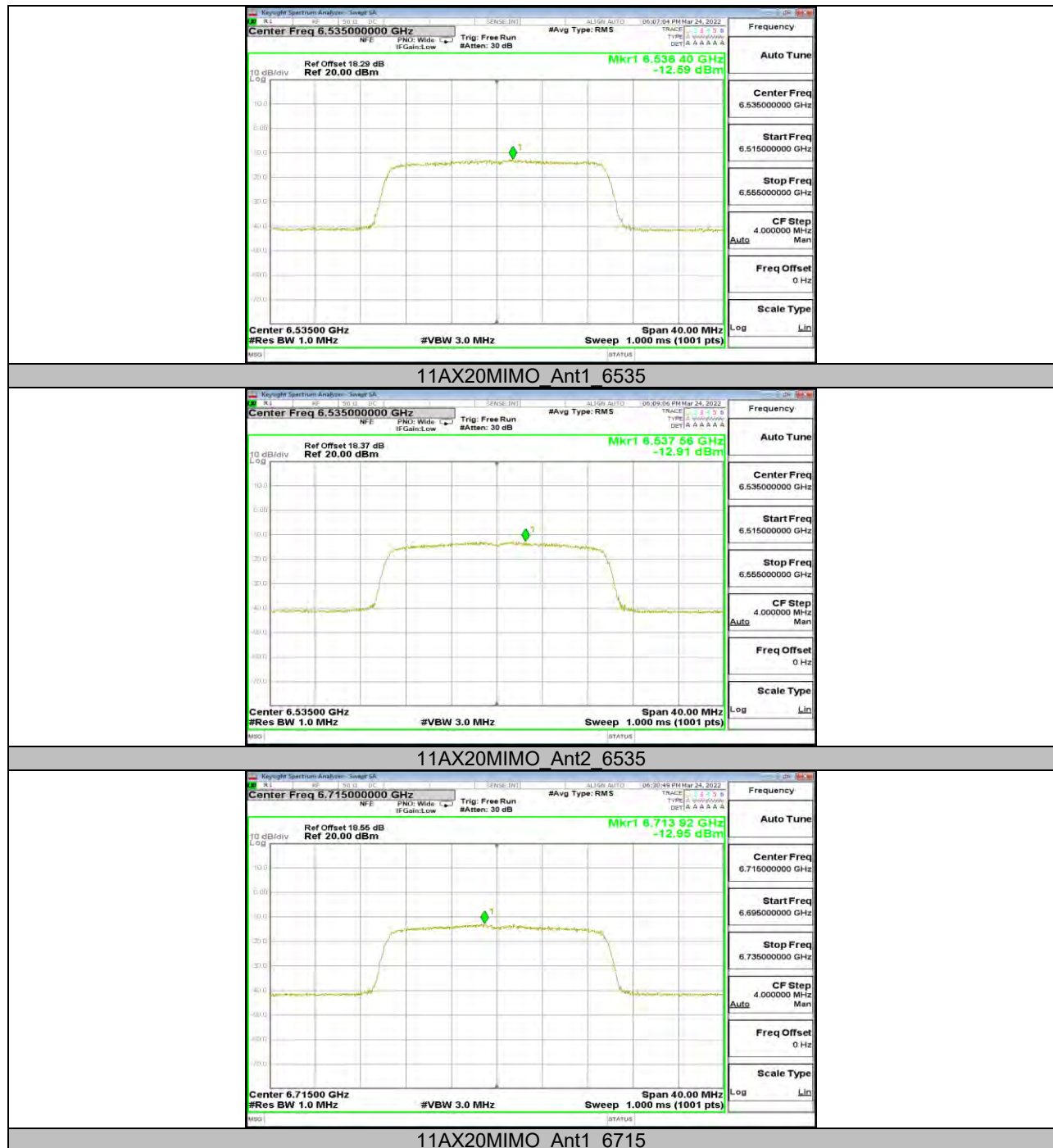
12.5.2. CDD Mode Test Graphs

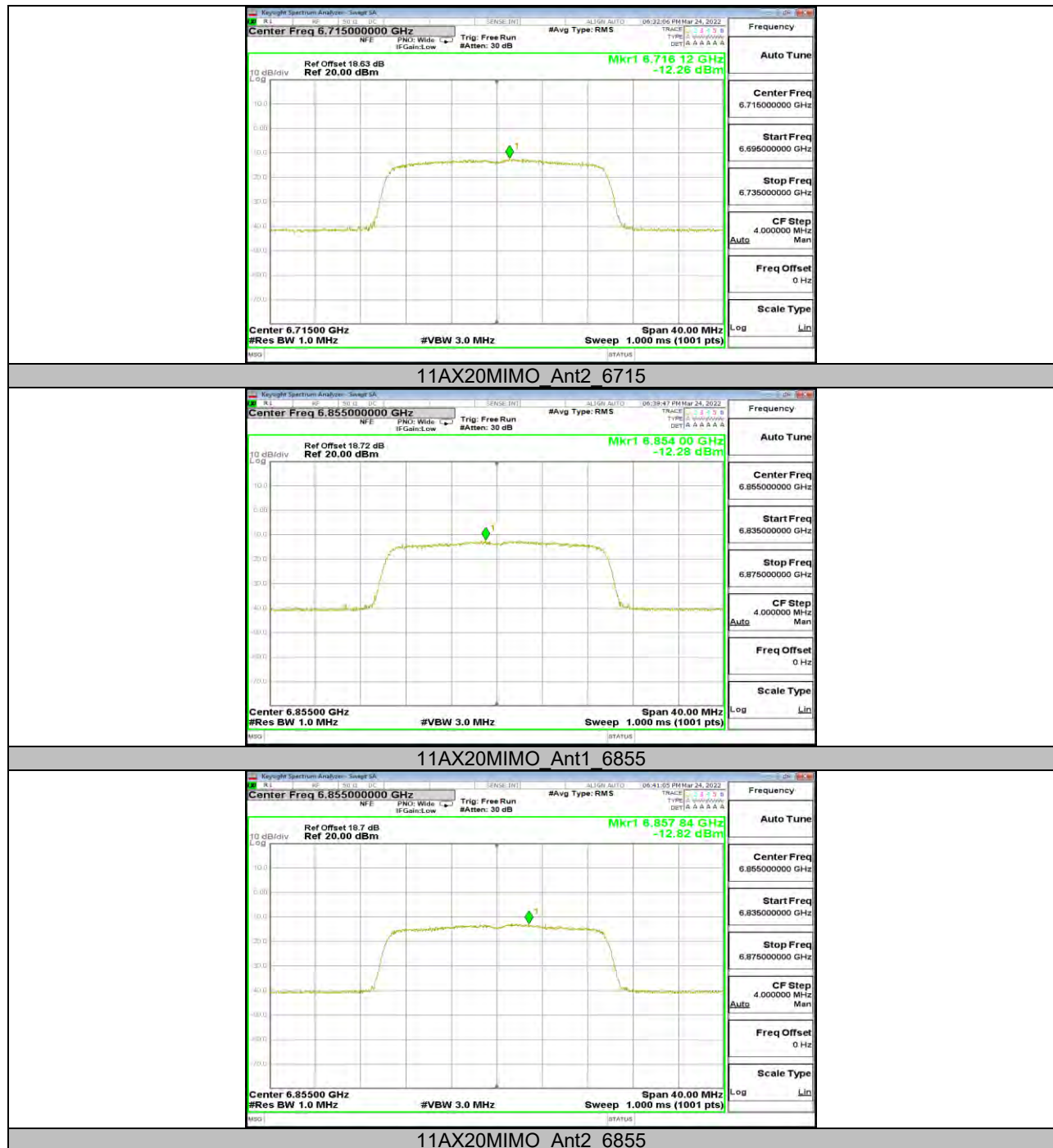


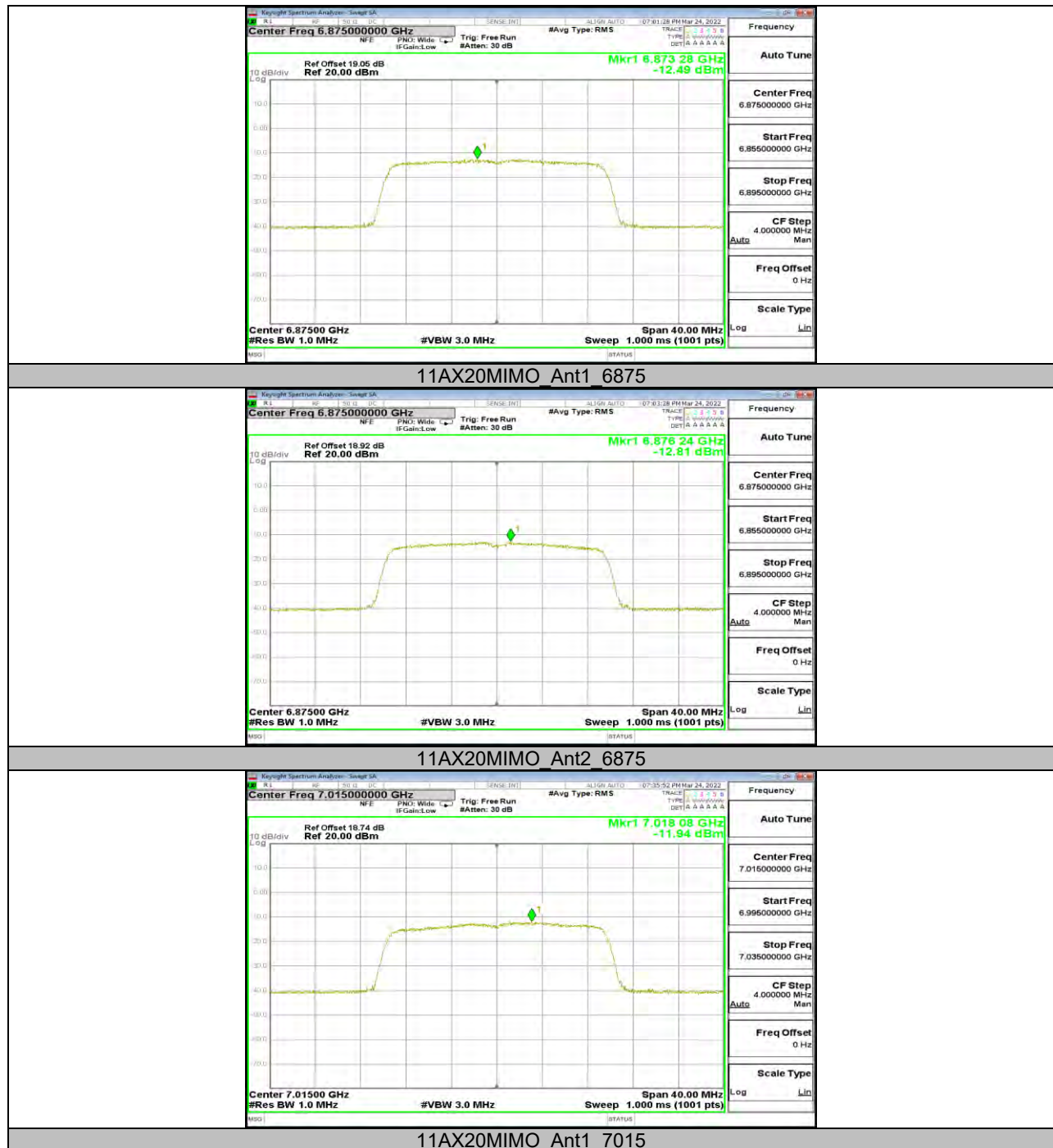


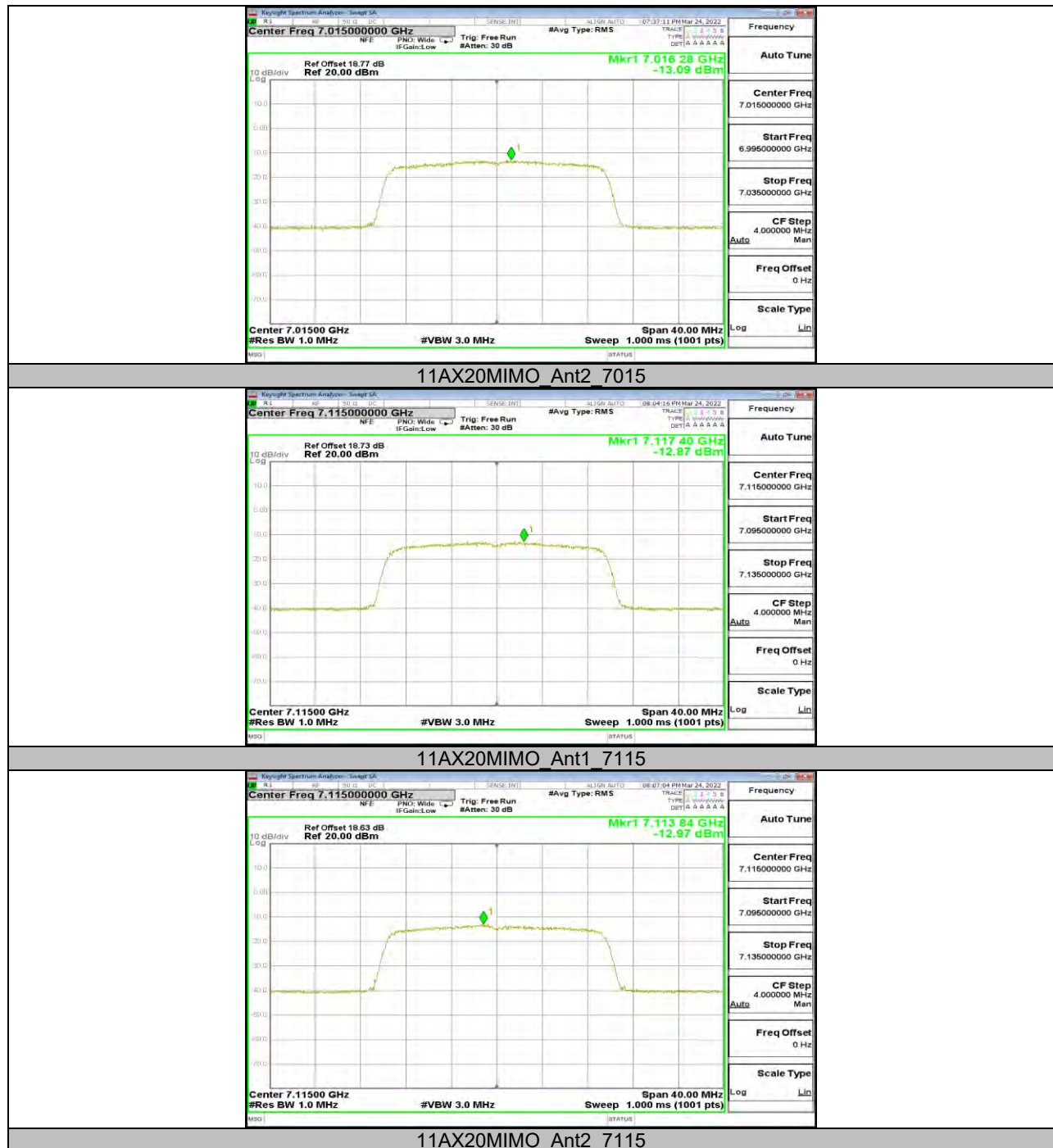


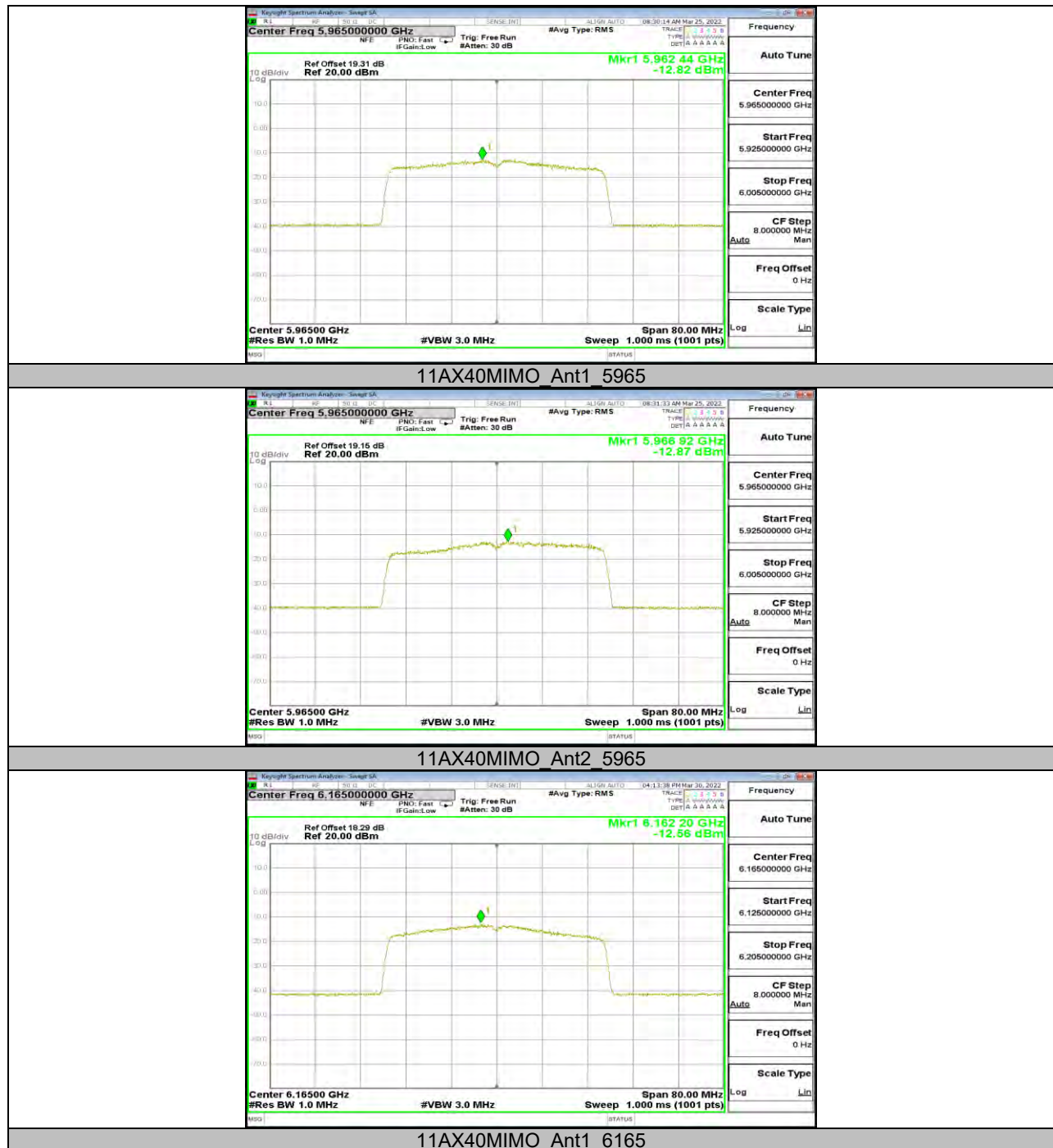


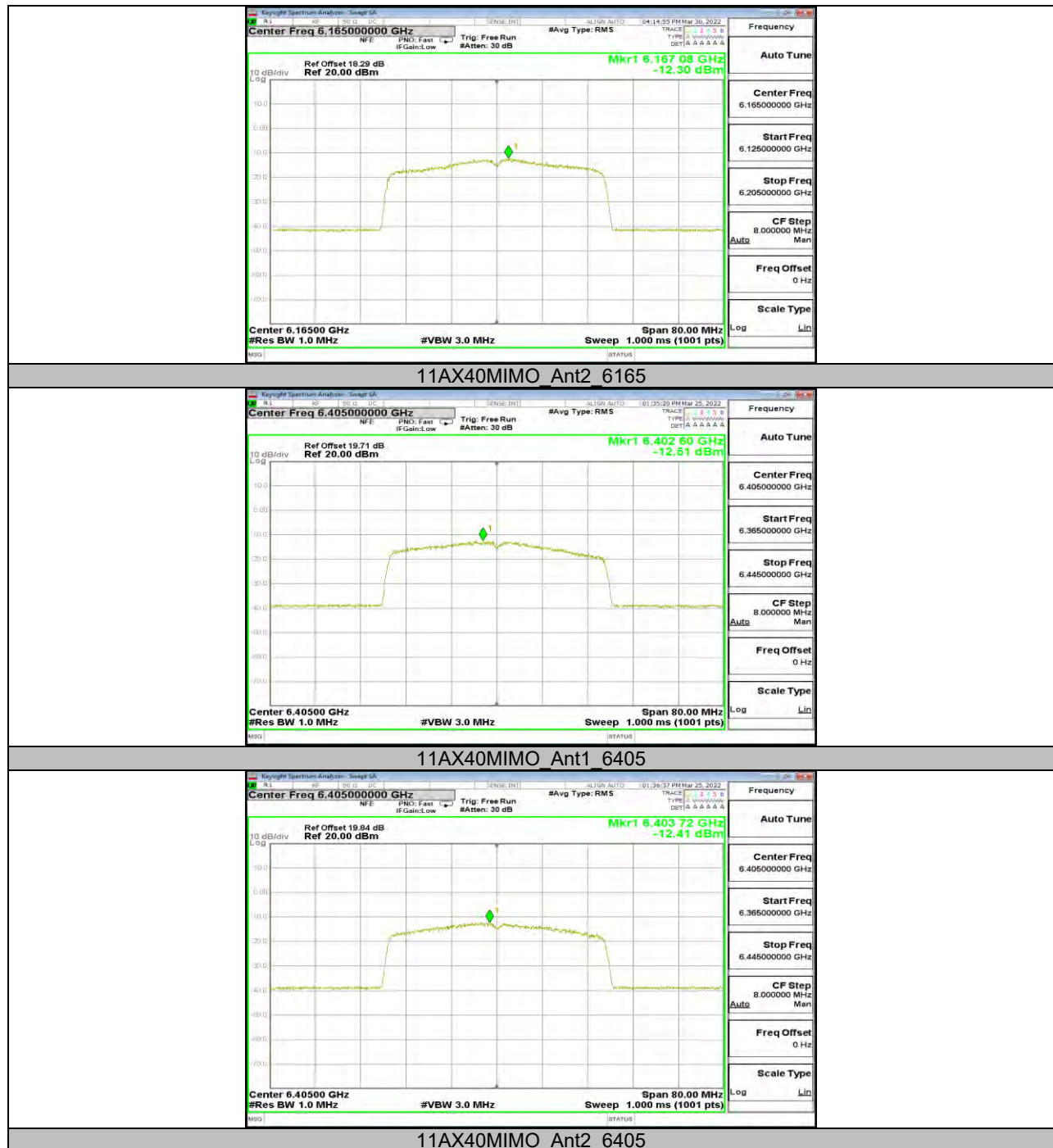


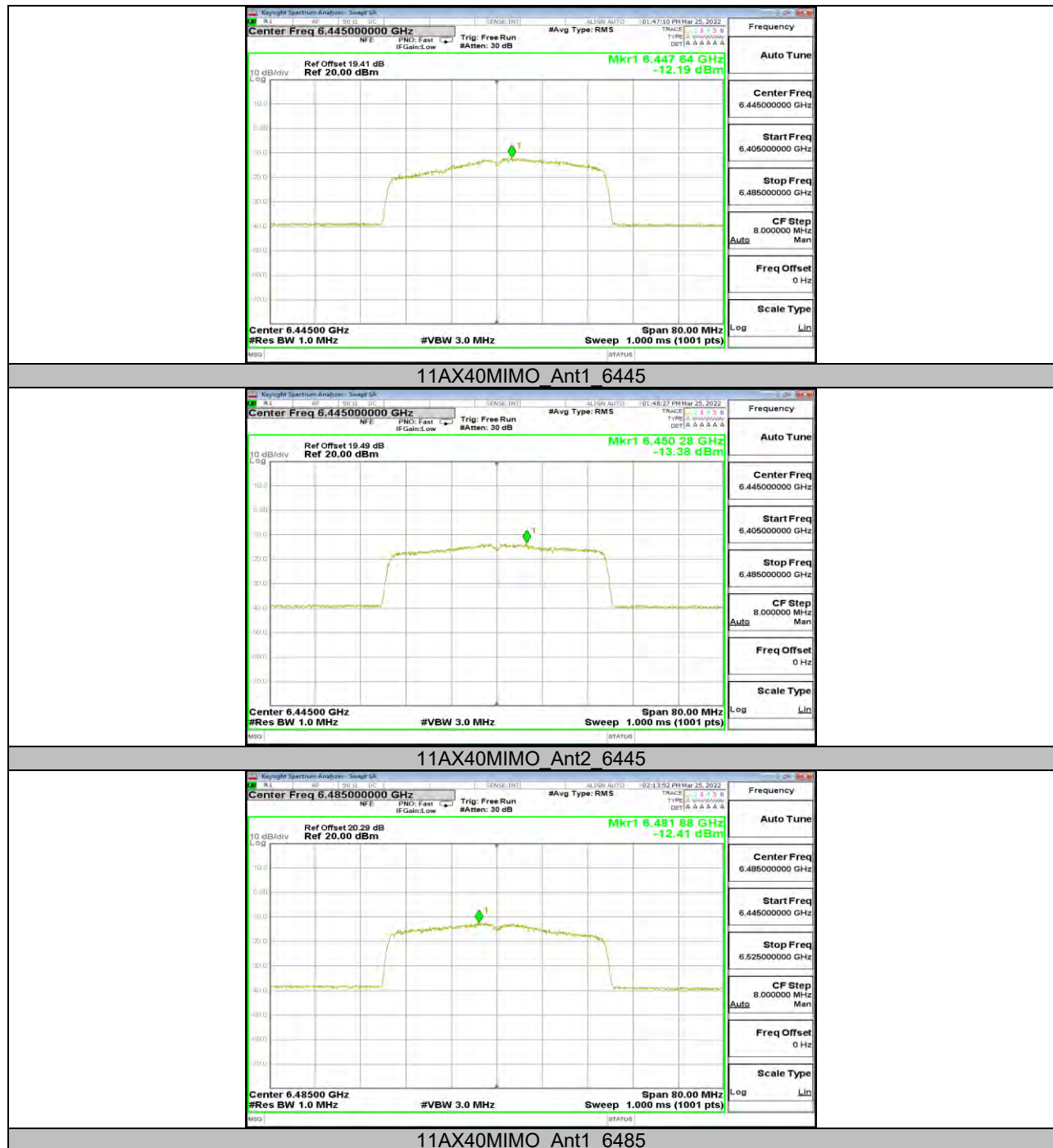


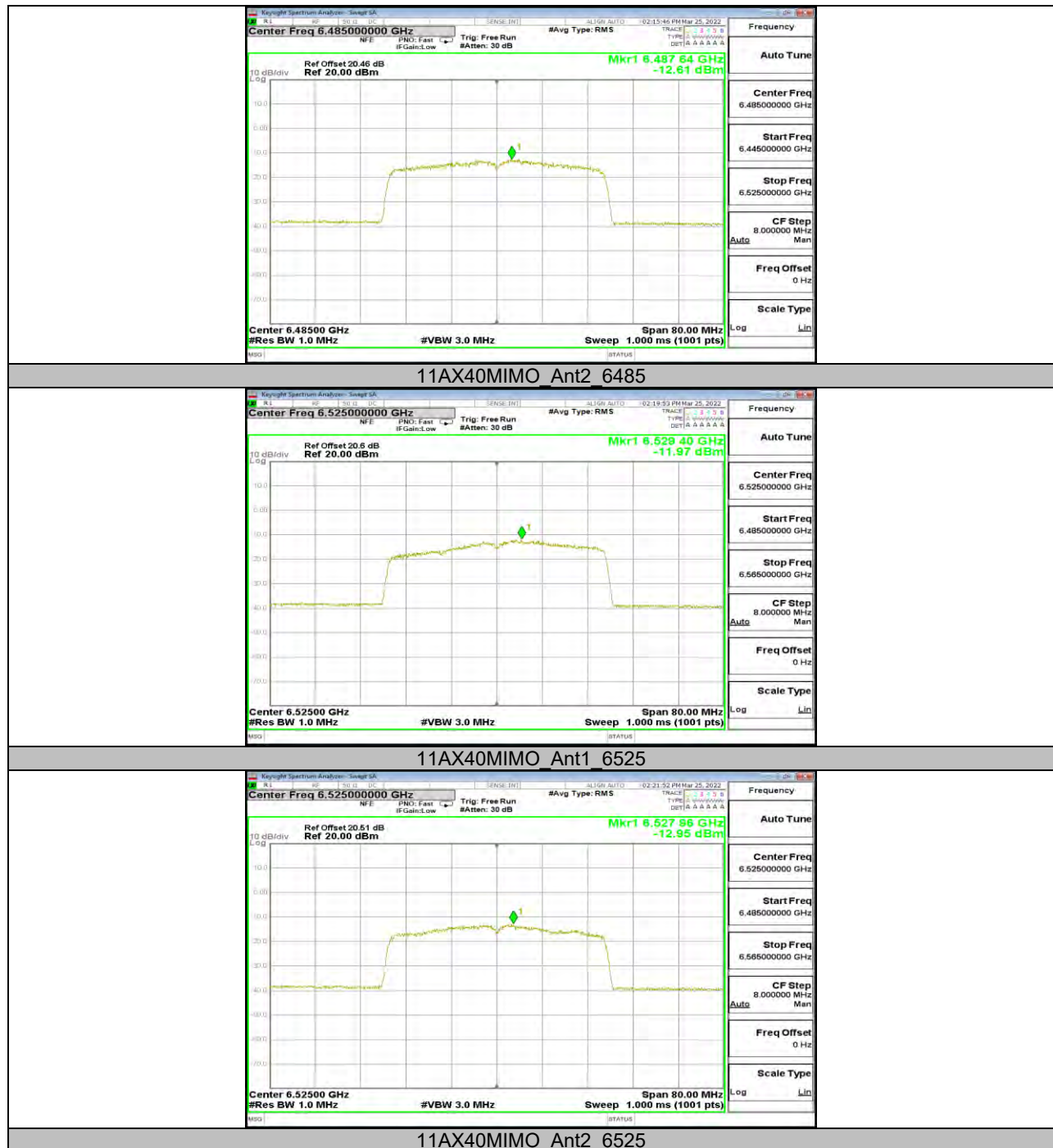


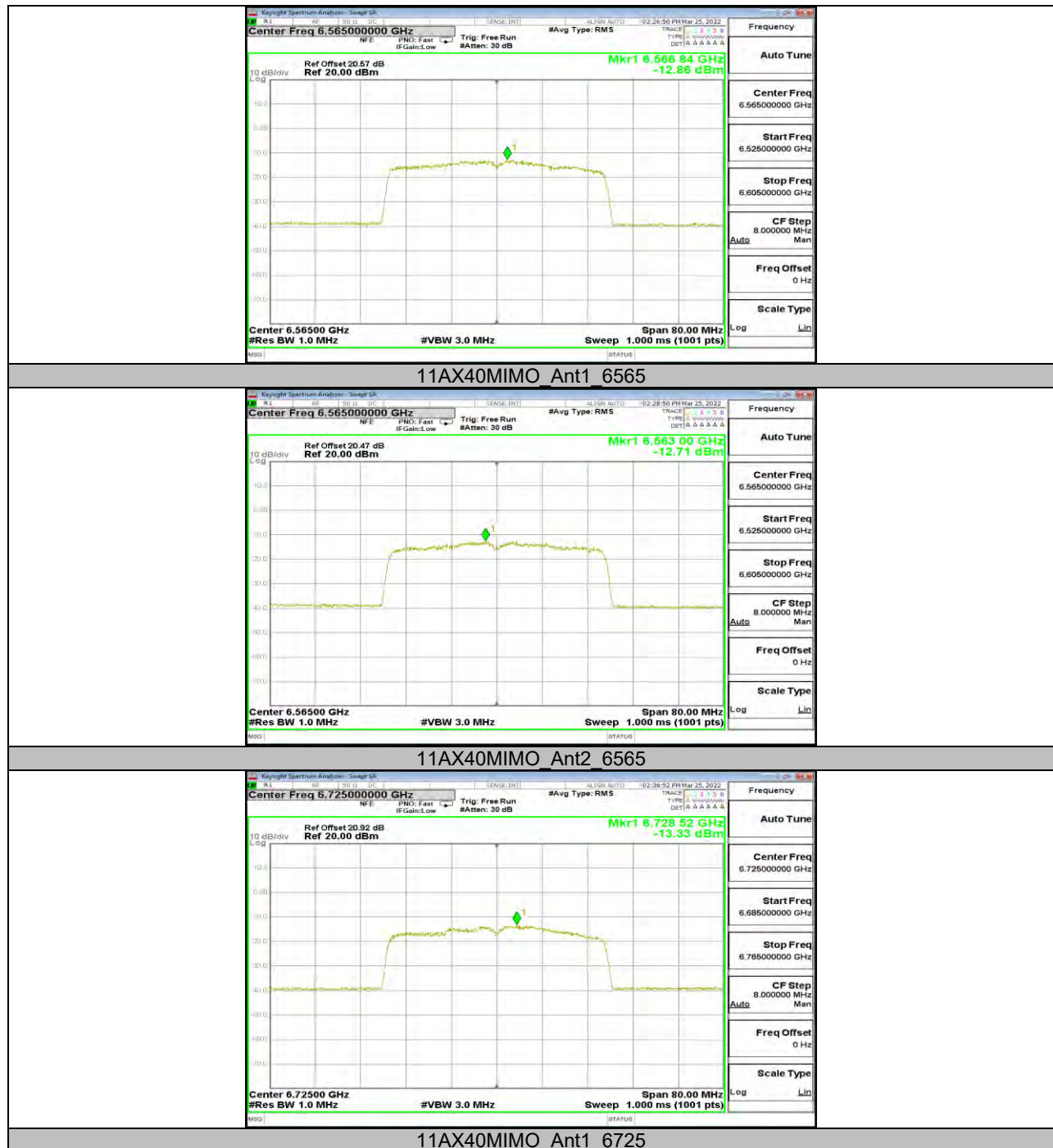


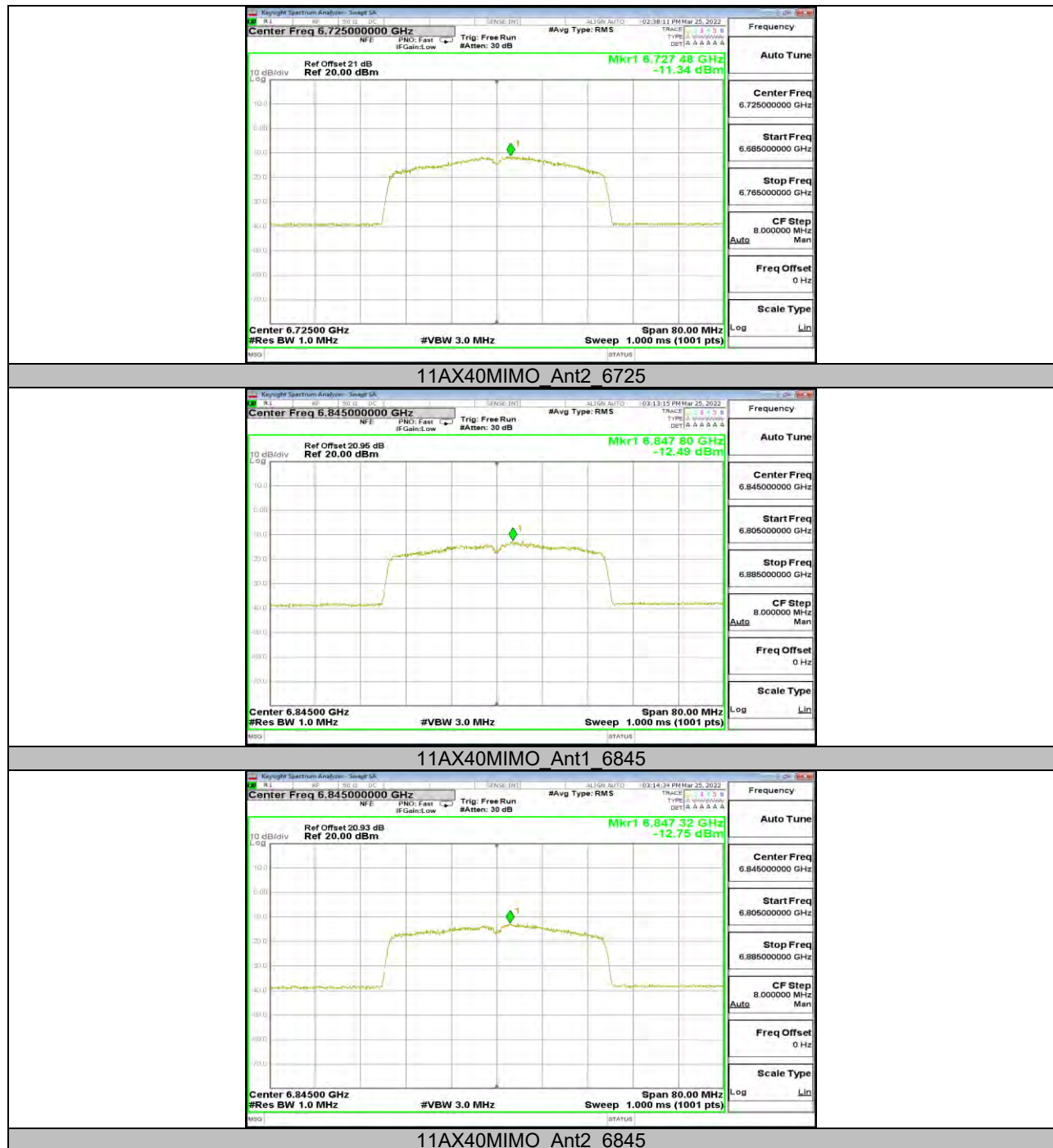


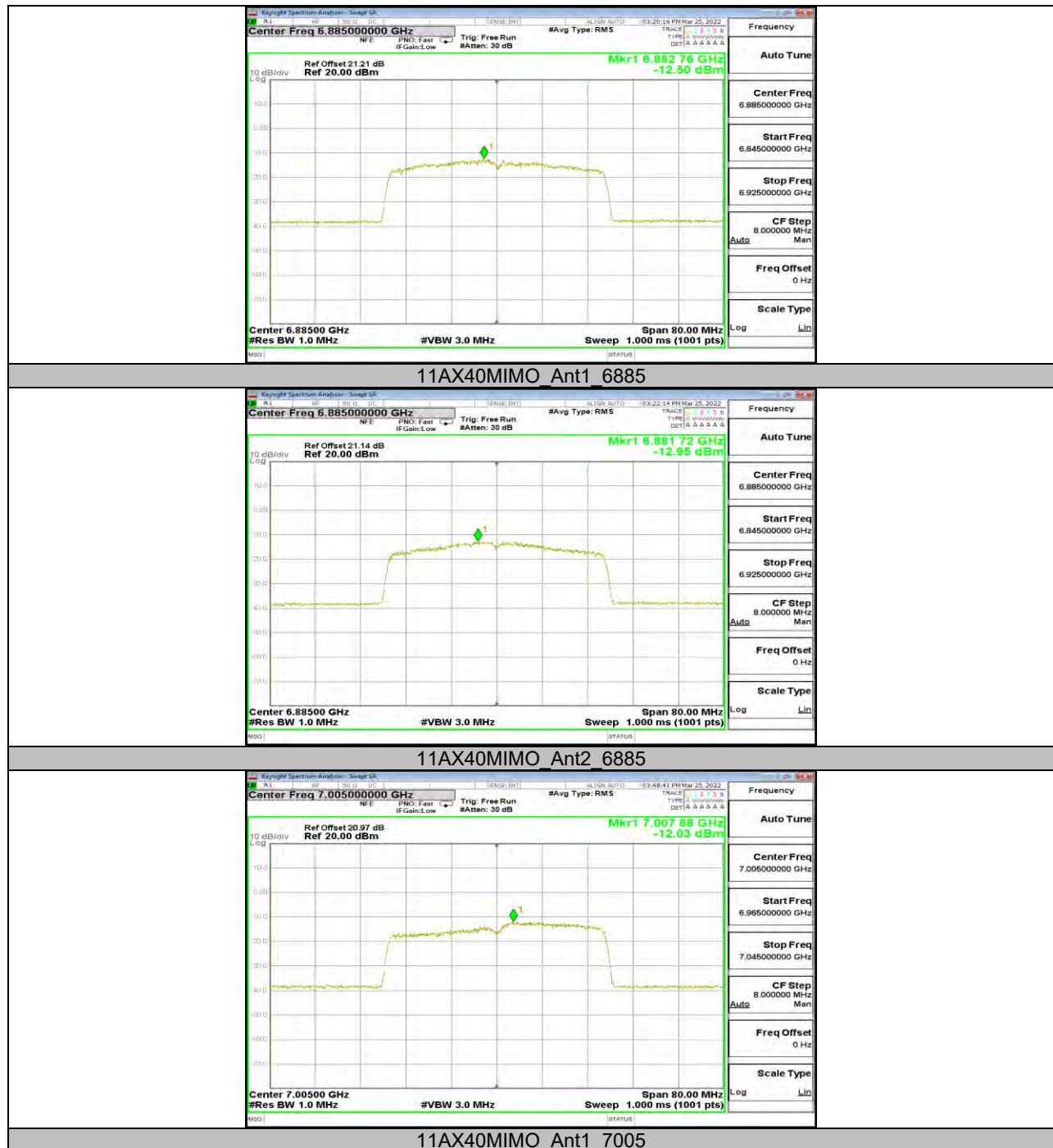


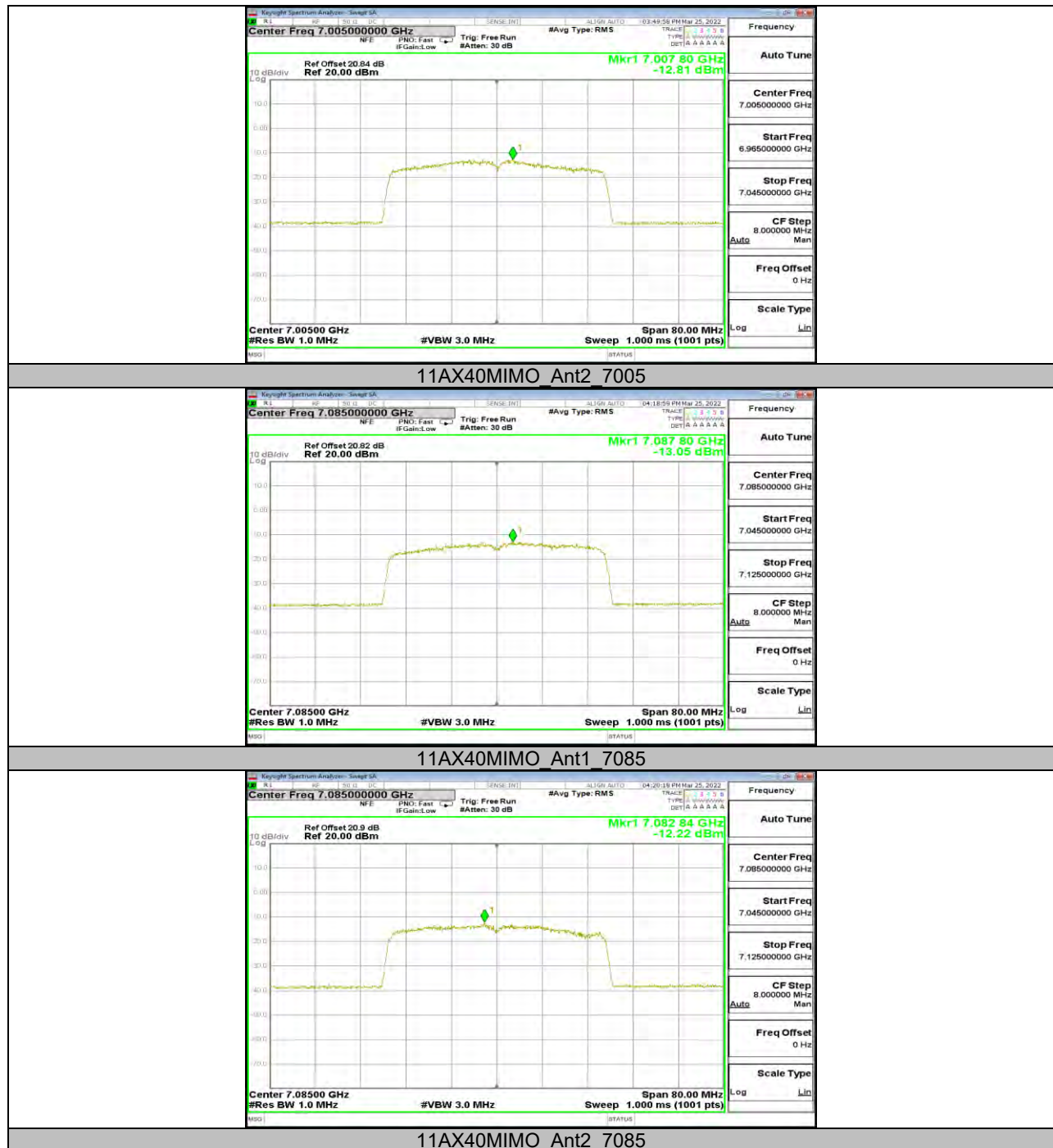


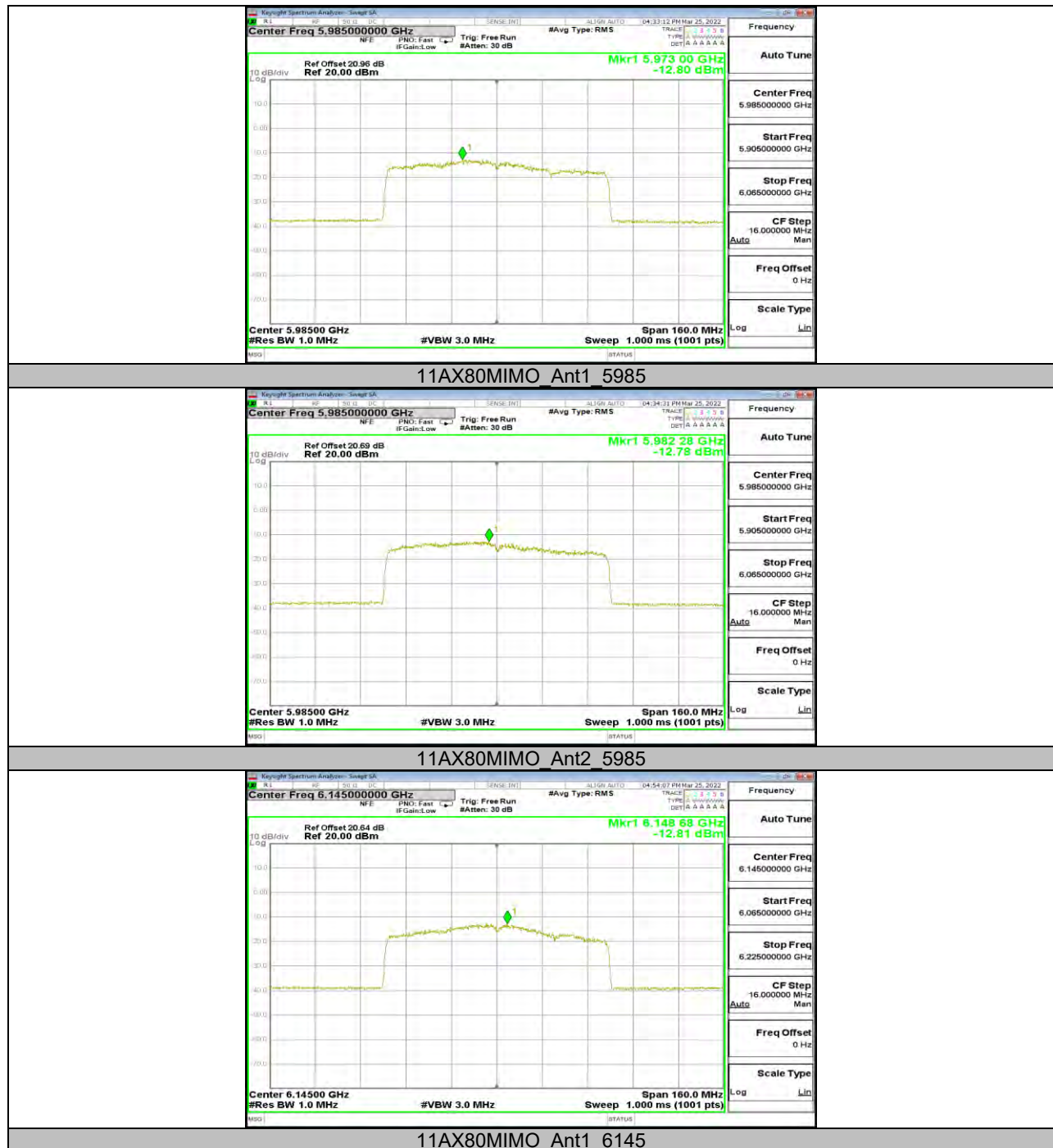


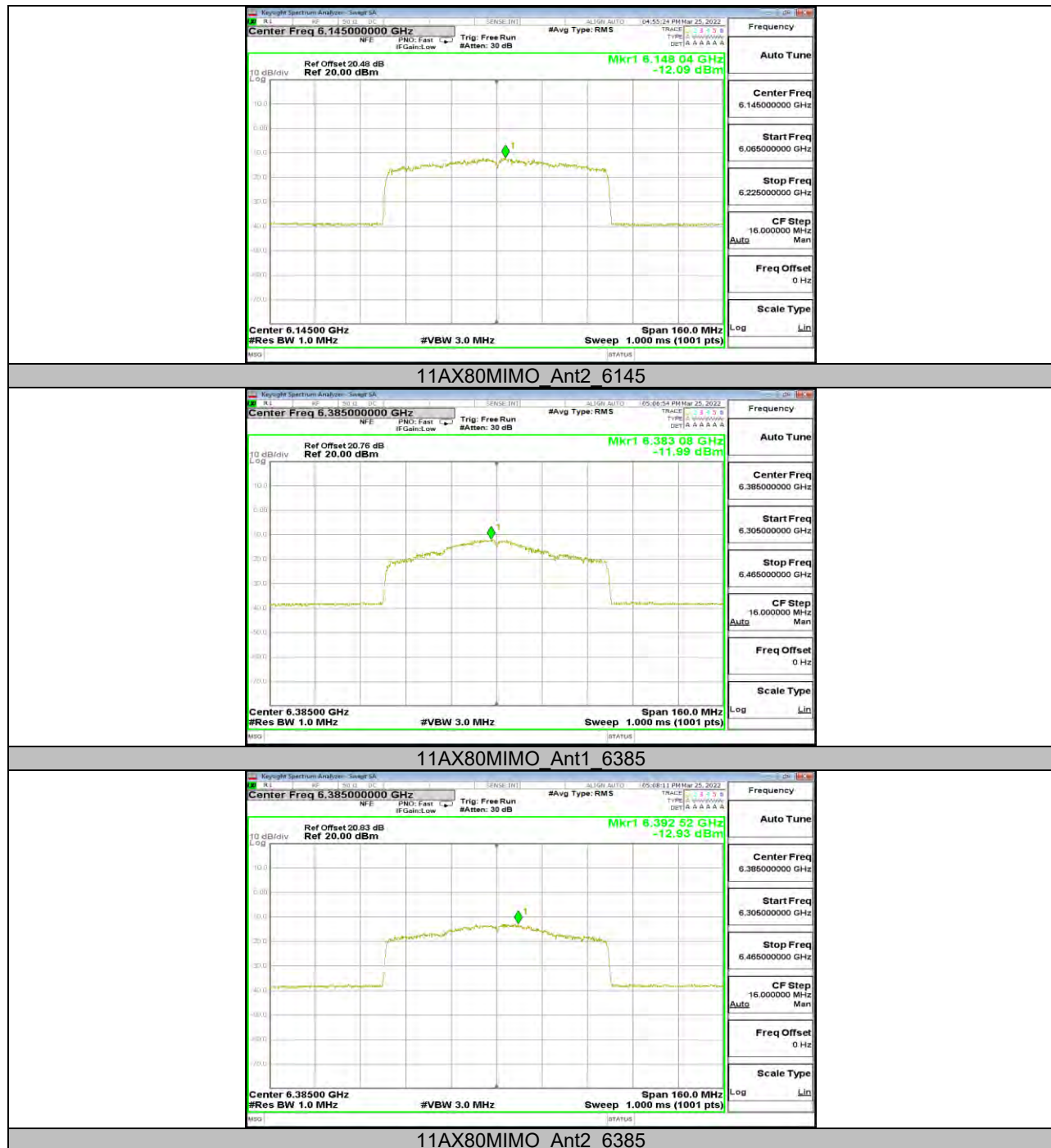


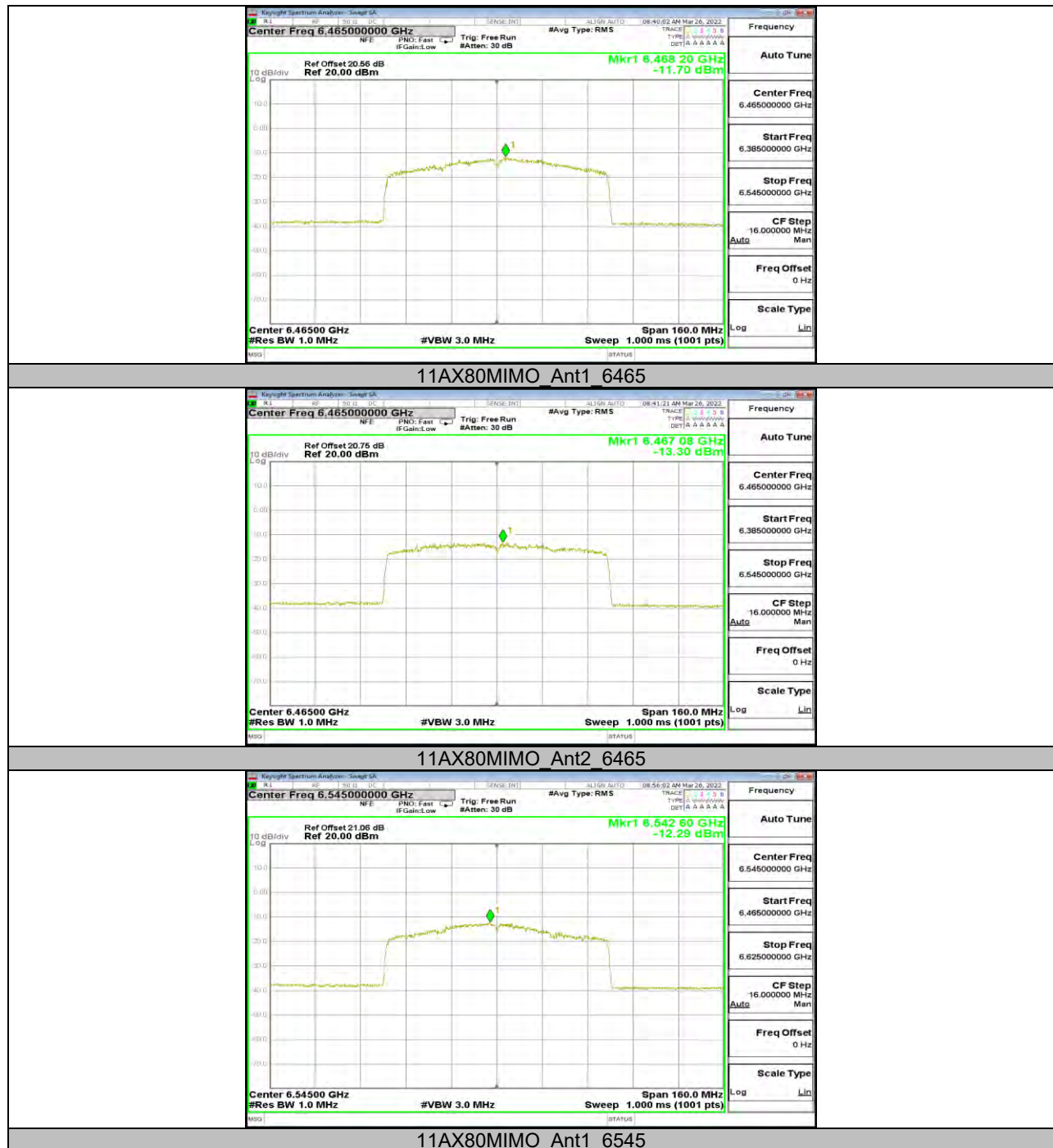


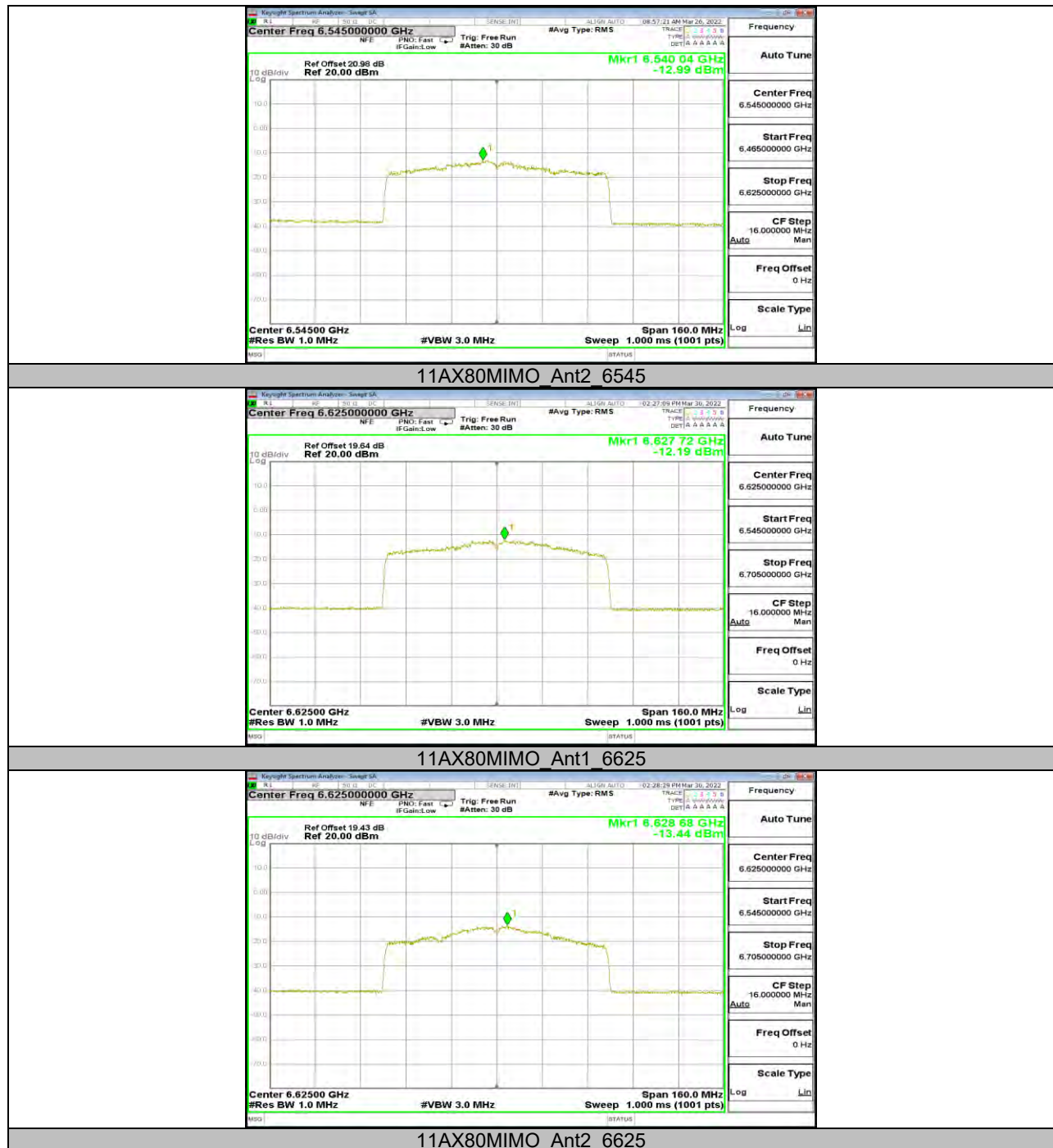














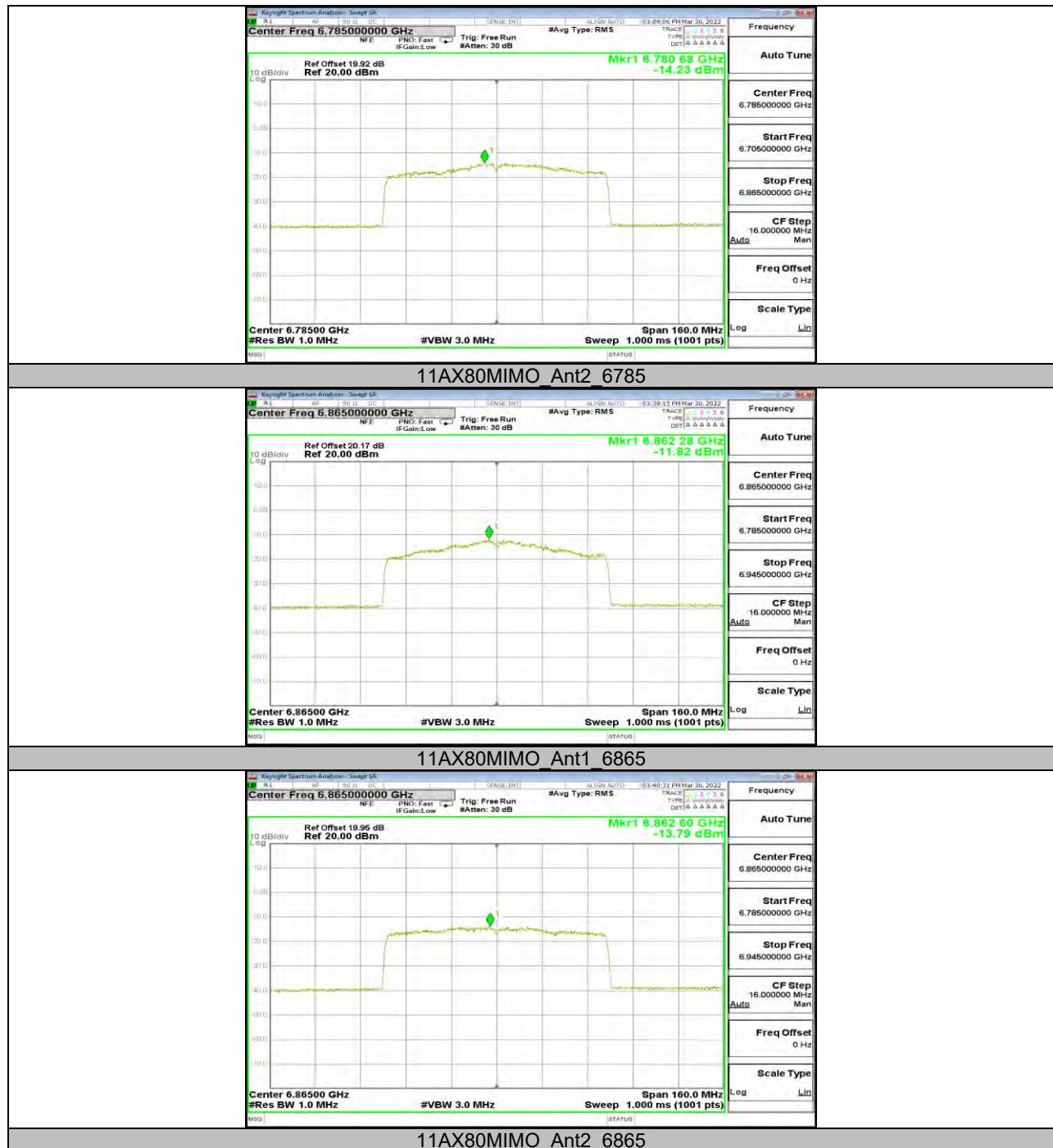
11AX80MIMO_Ant1_6705

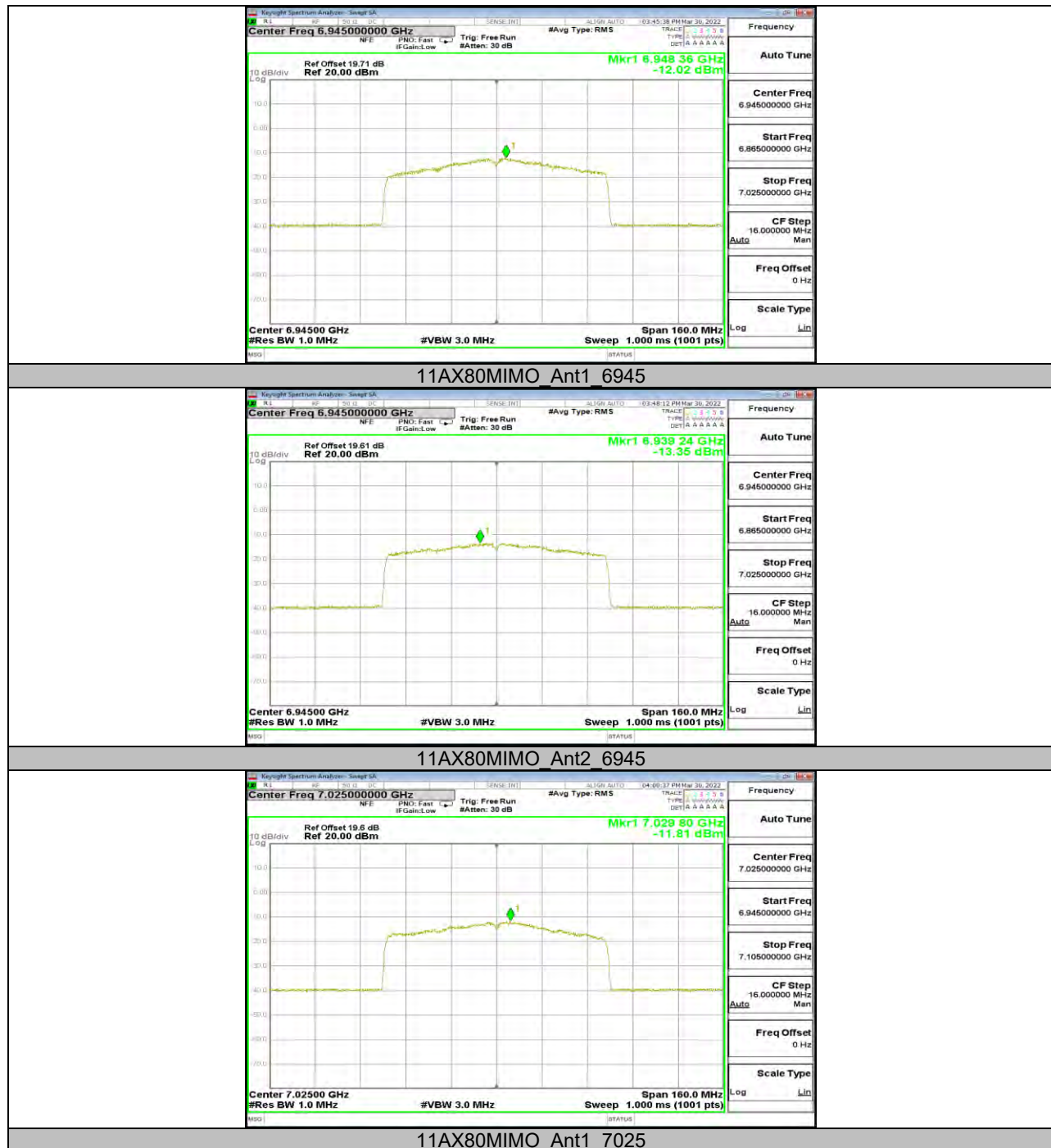


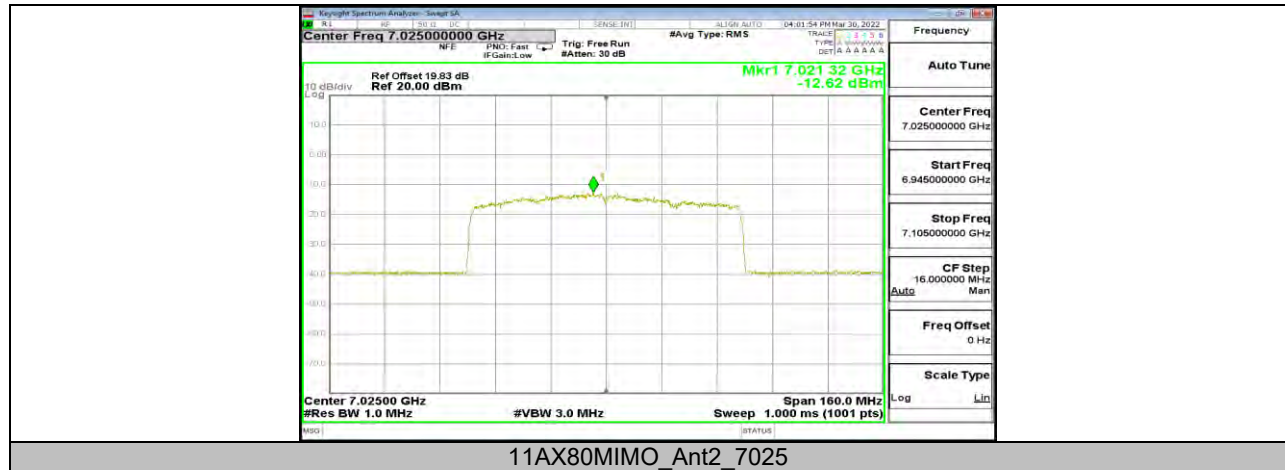
11AX80MIMO_Ant2_6705



11AX80MIMO_Ant1_6785







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

