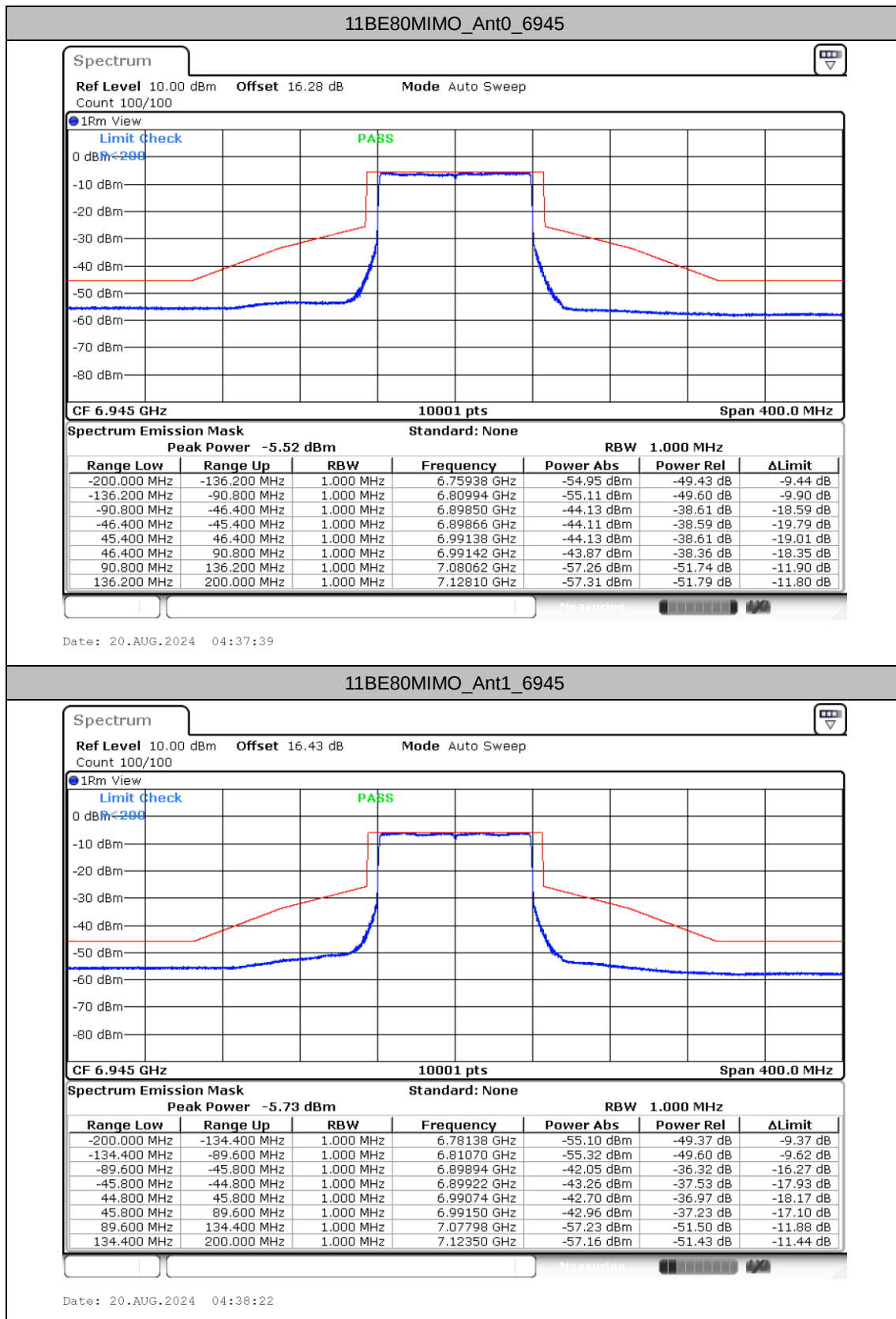
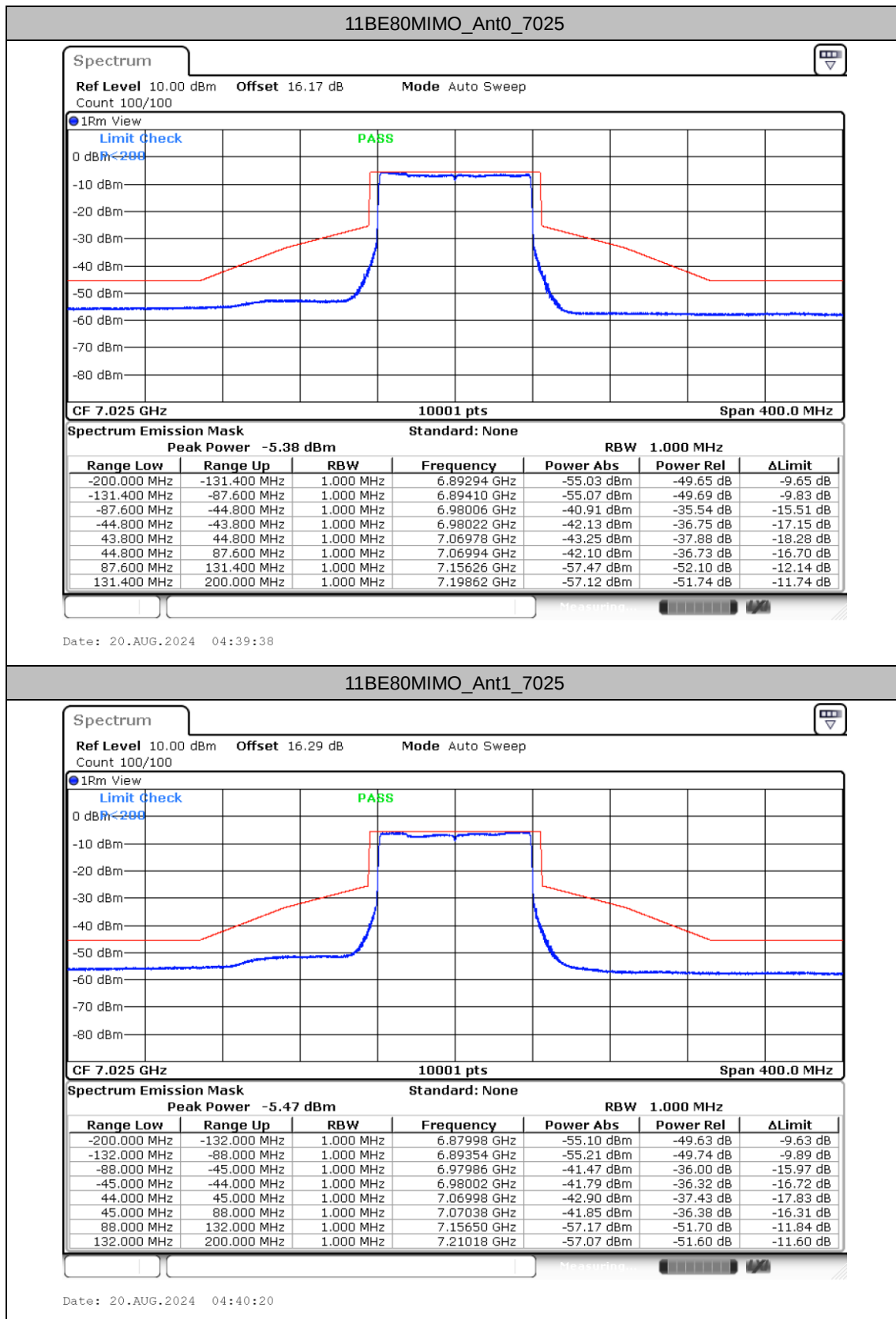
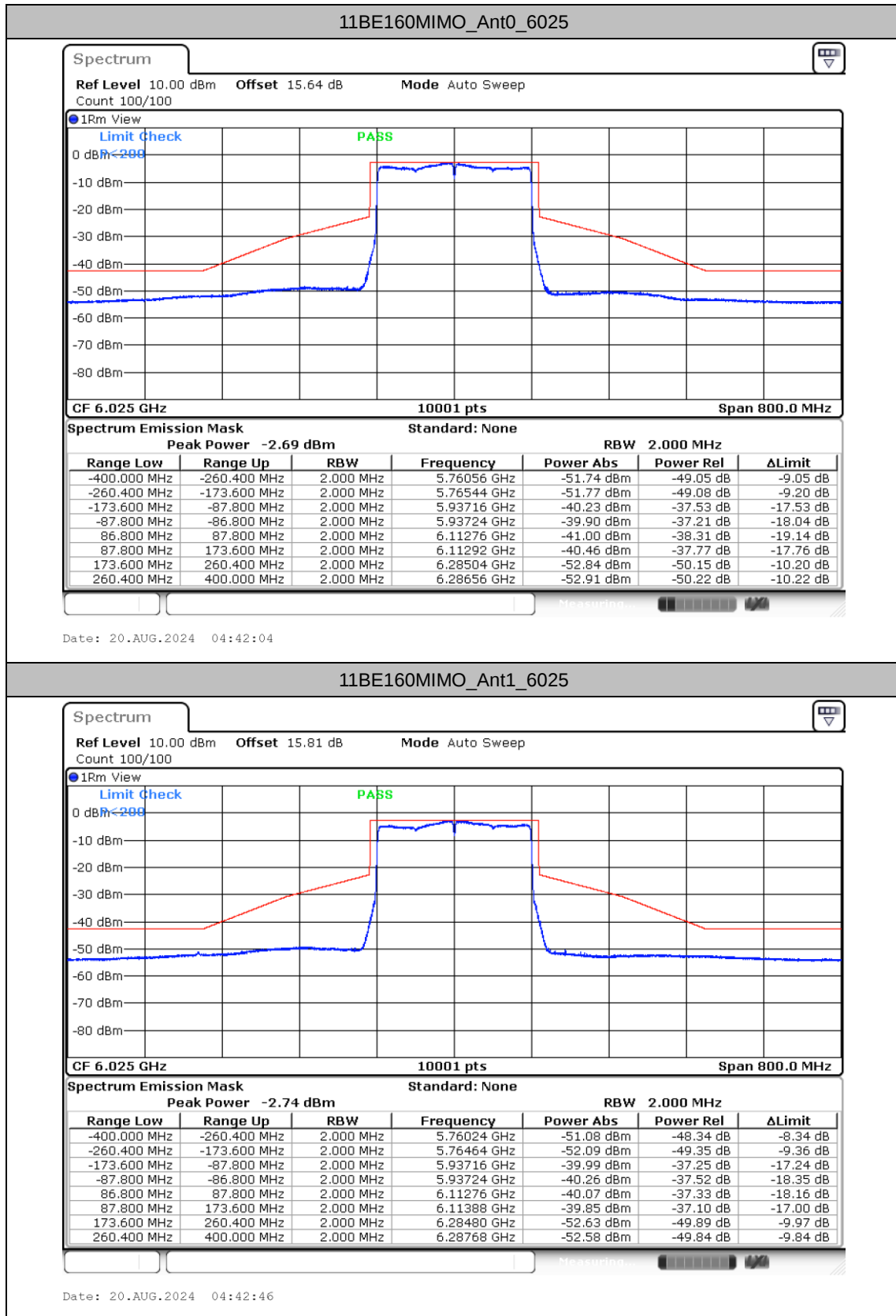
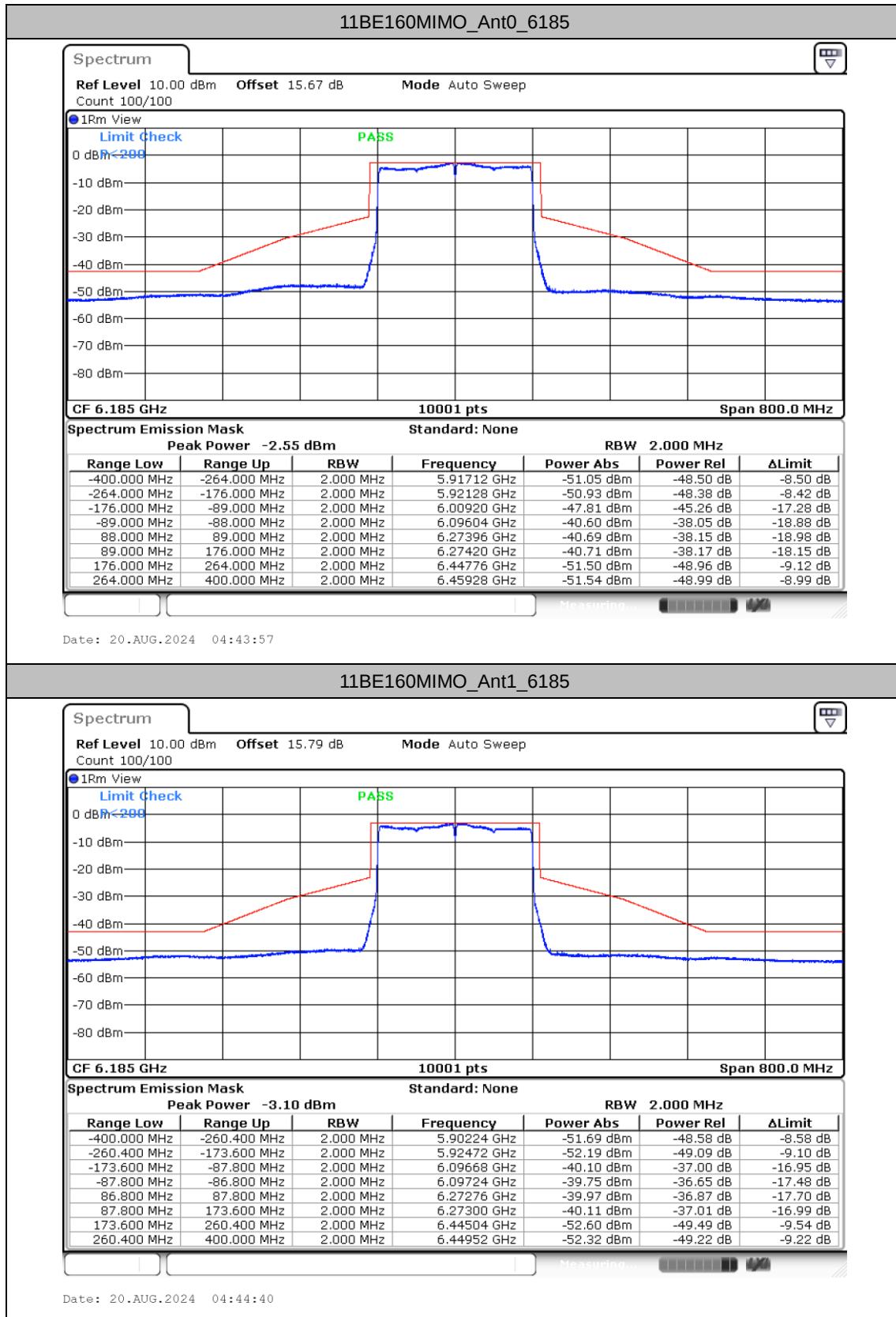
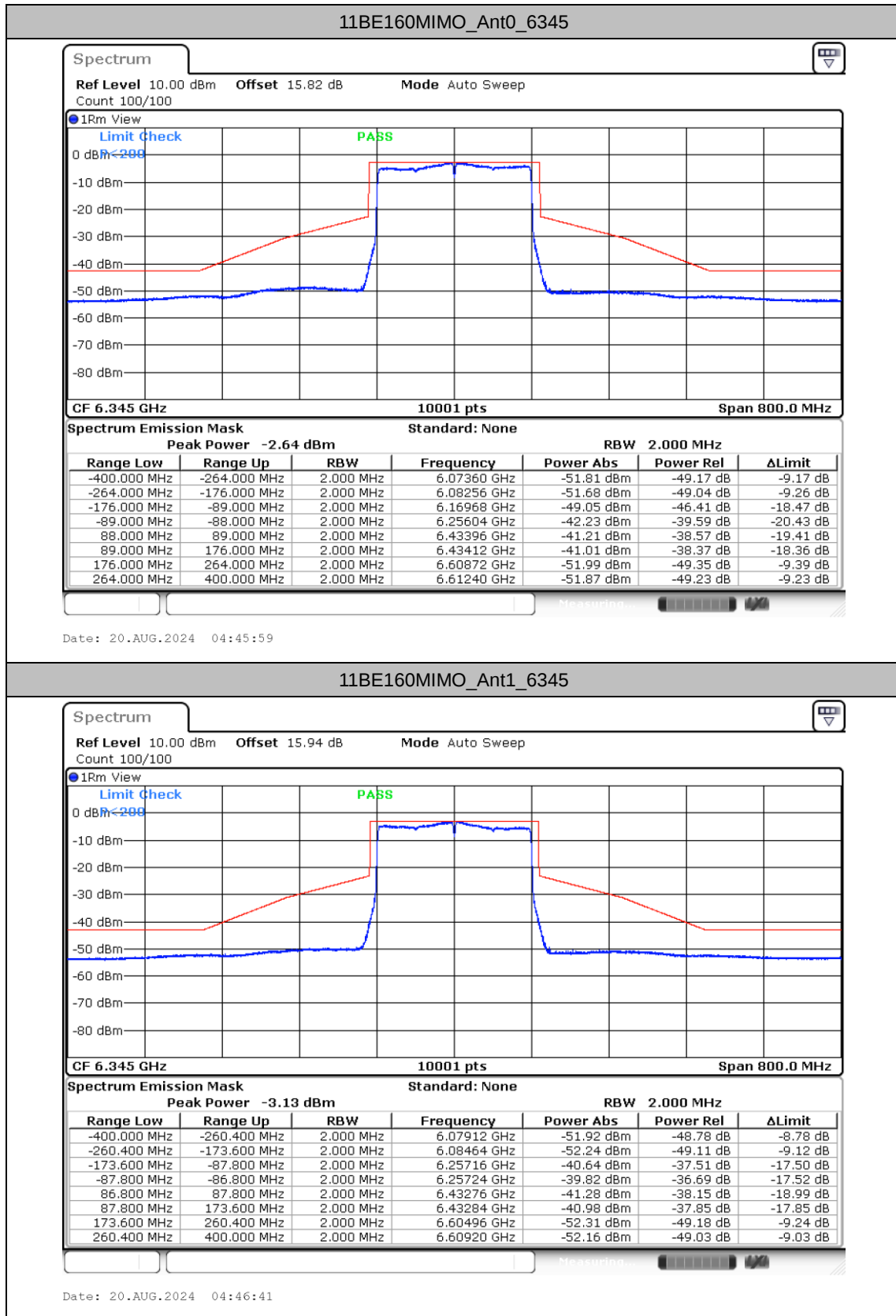


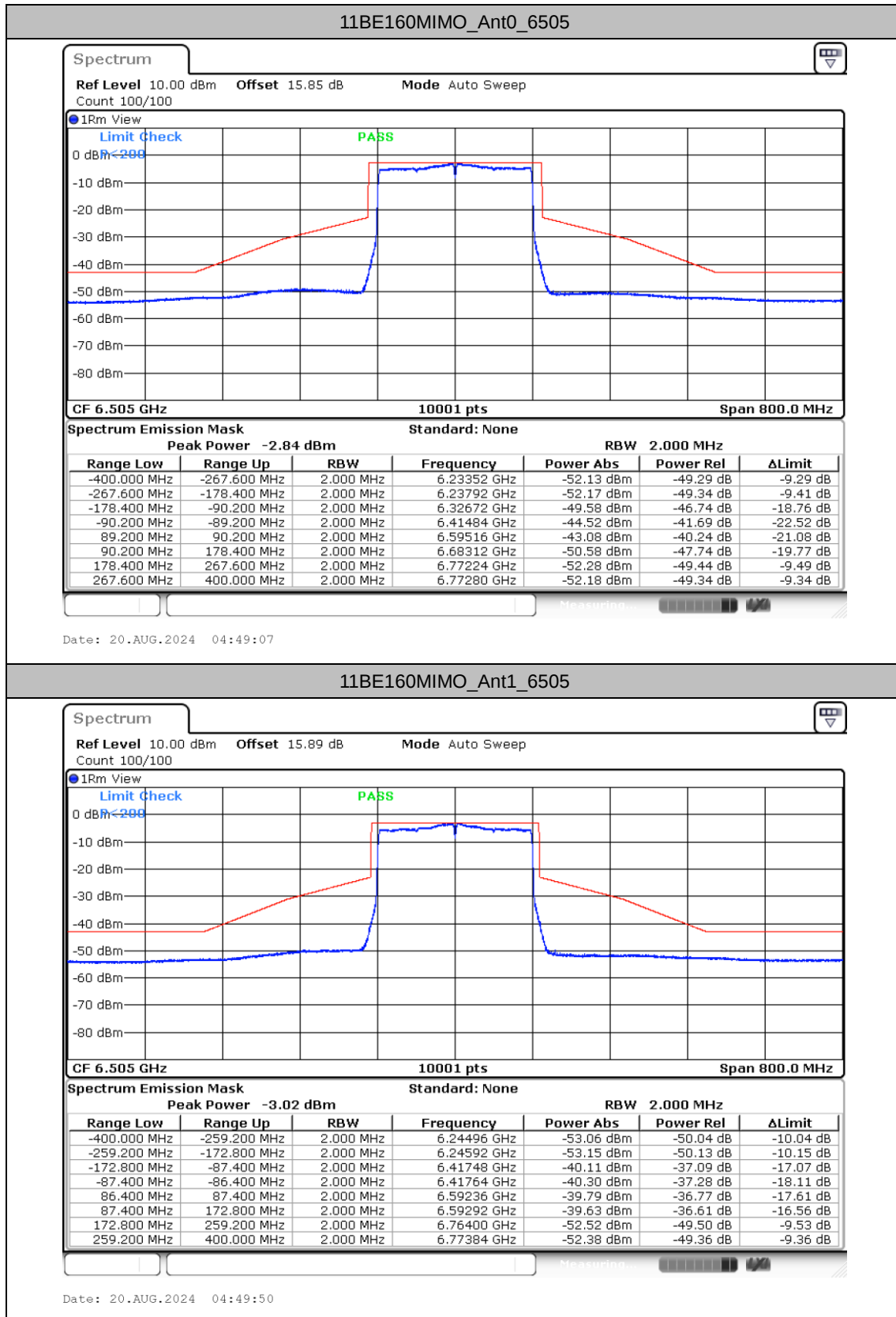


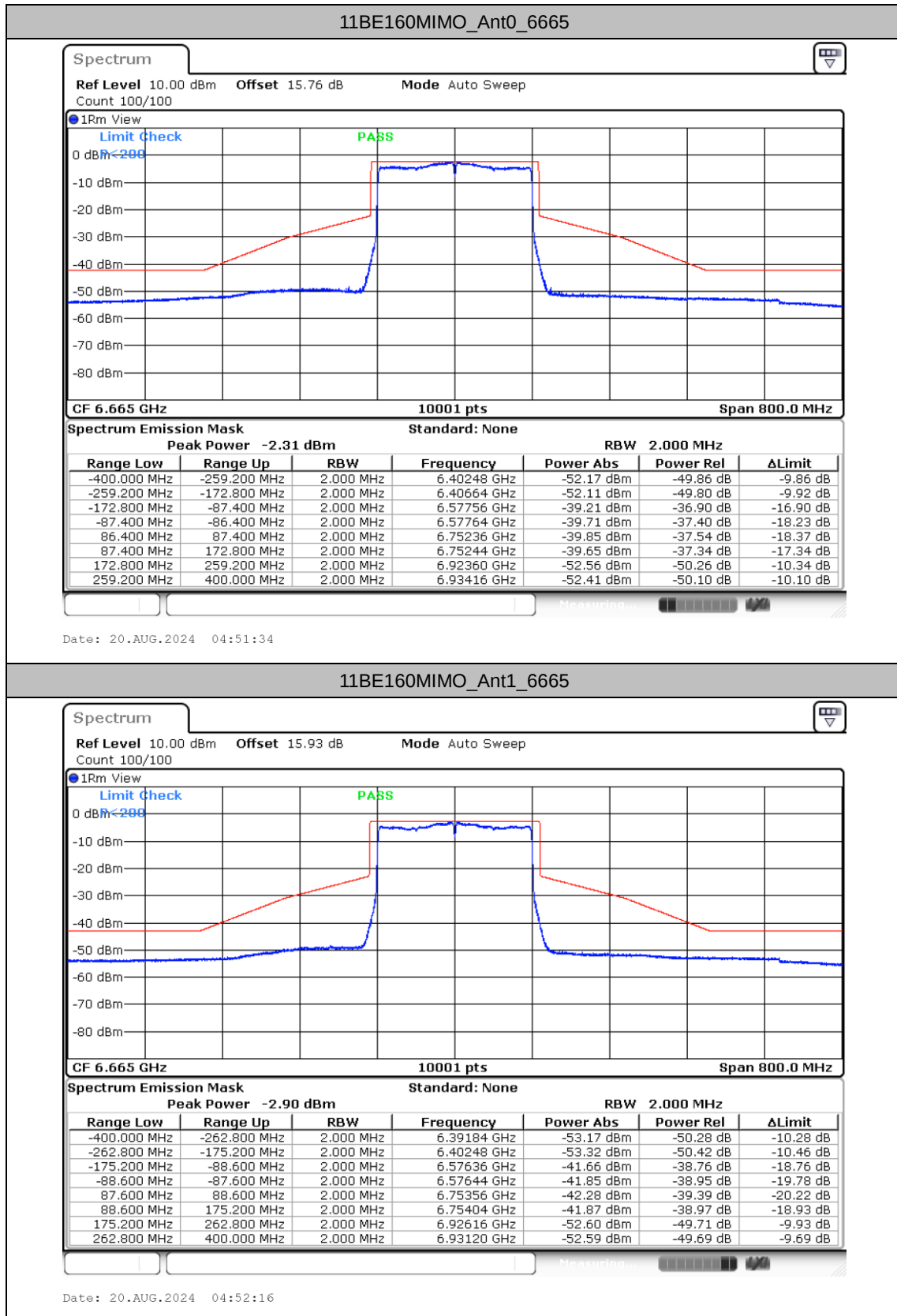


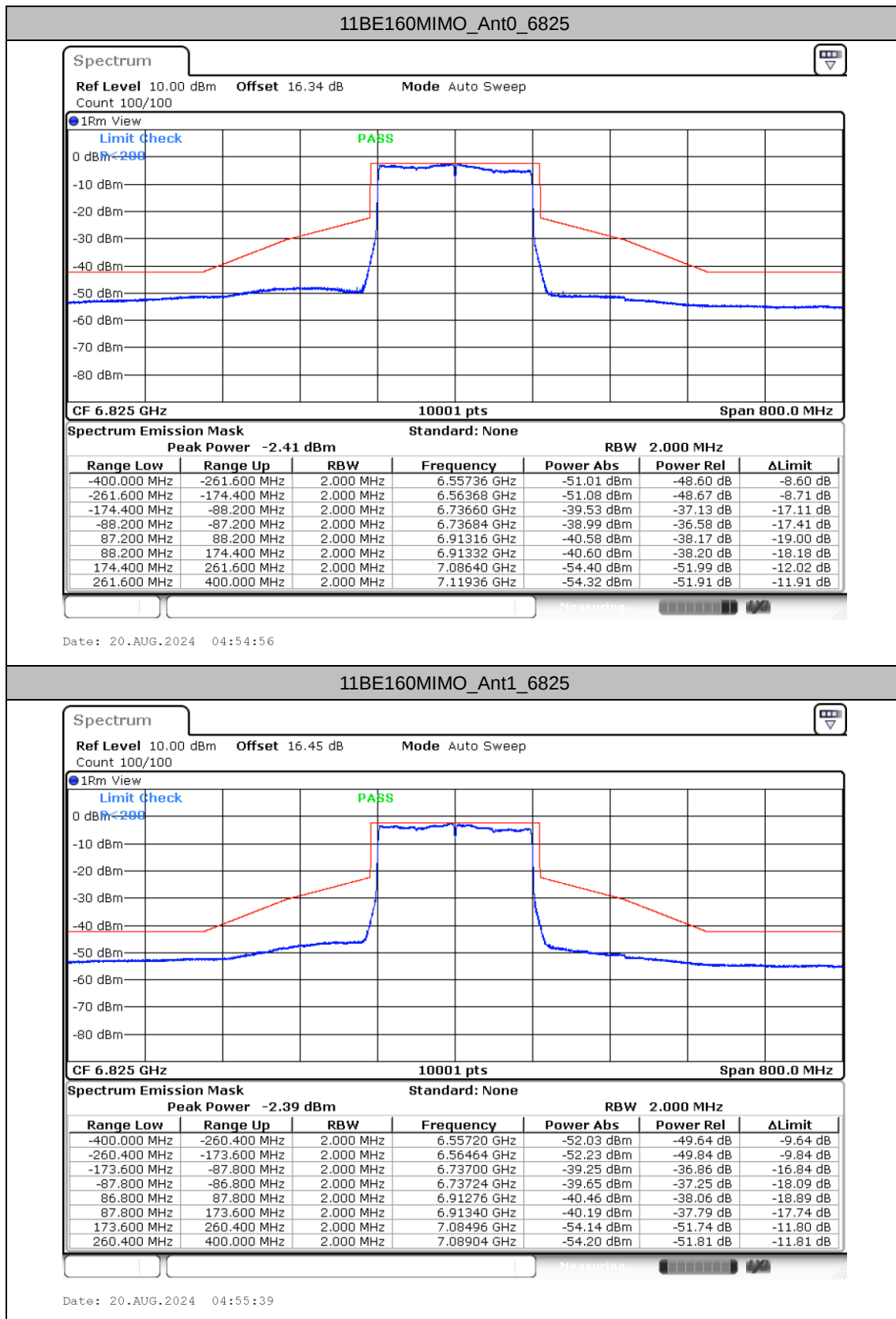


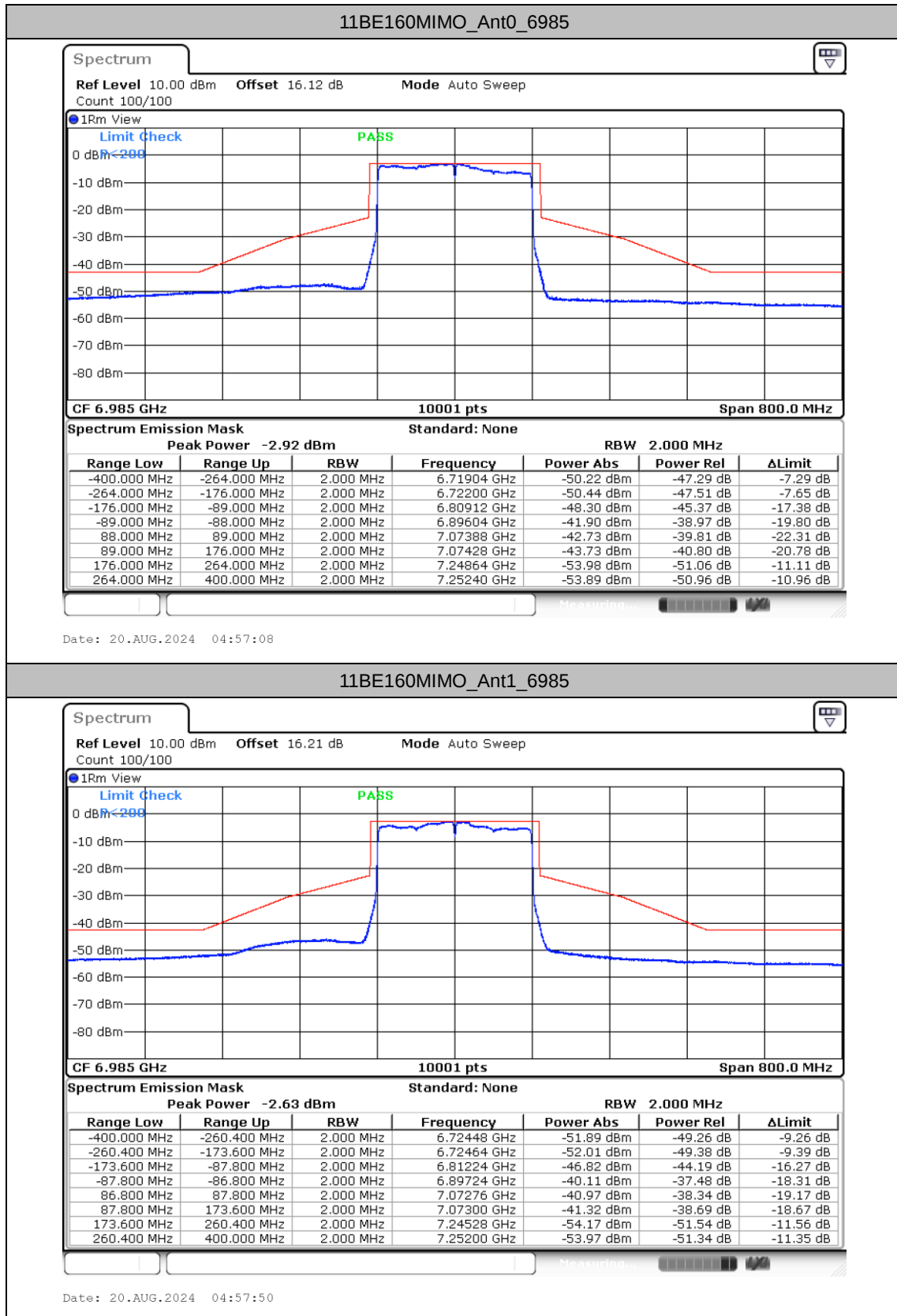


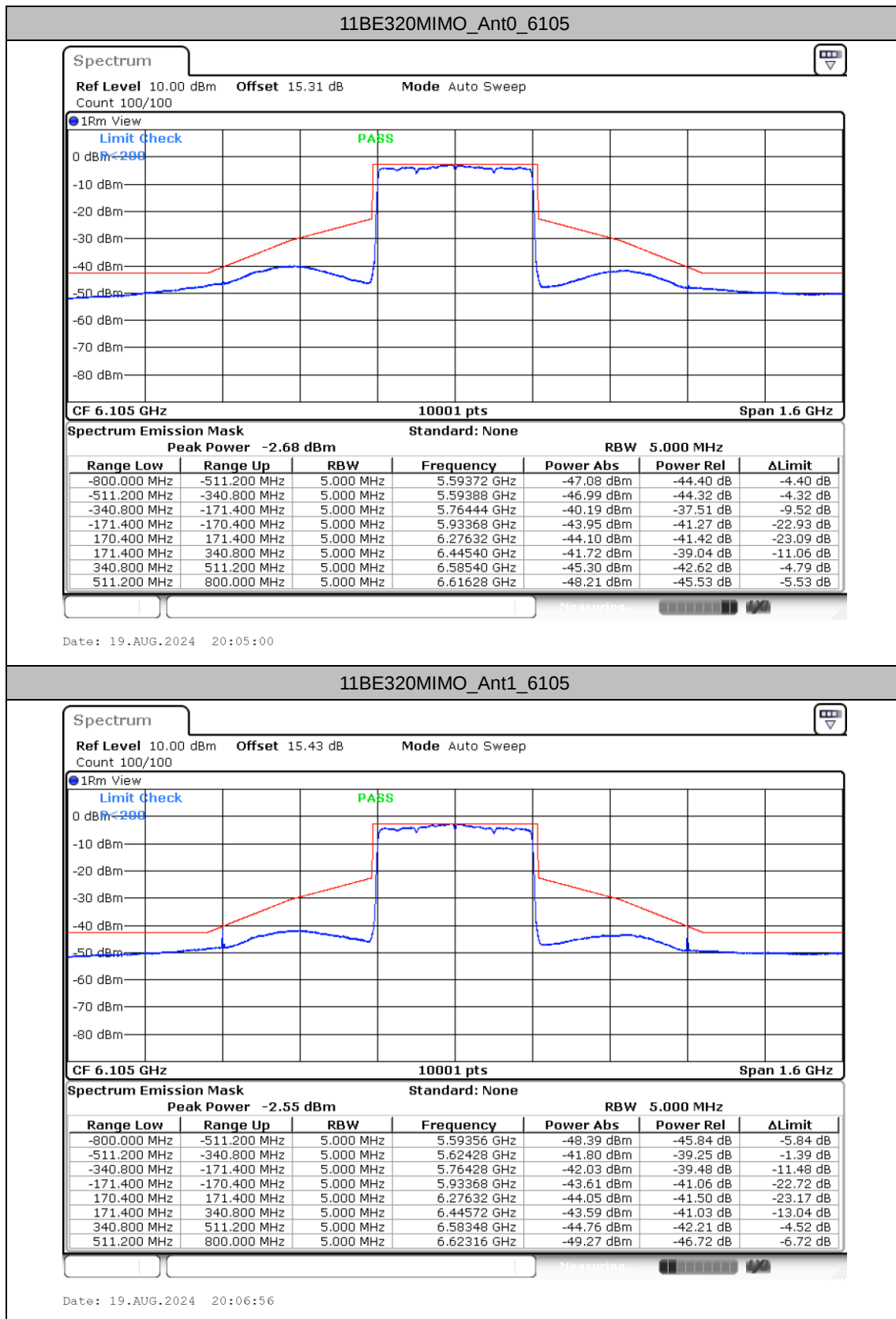




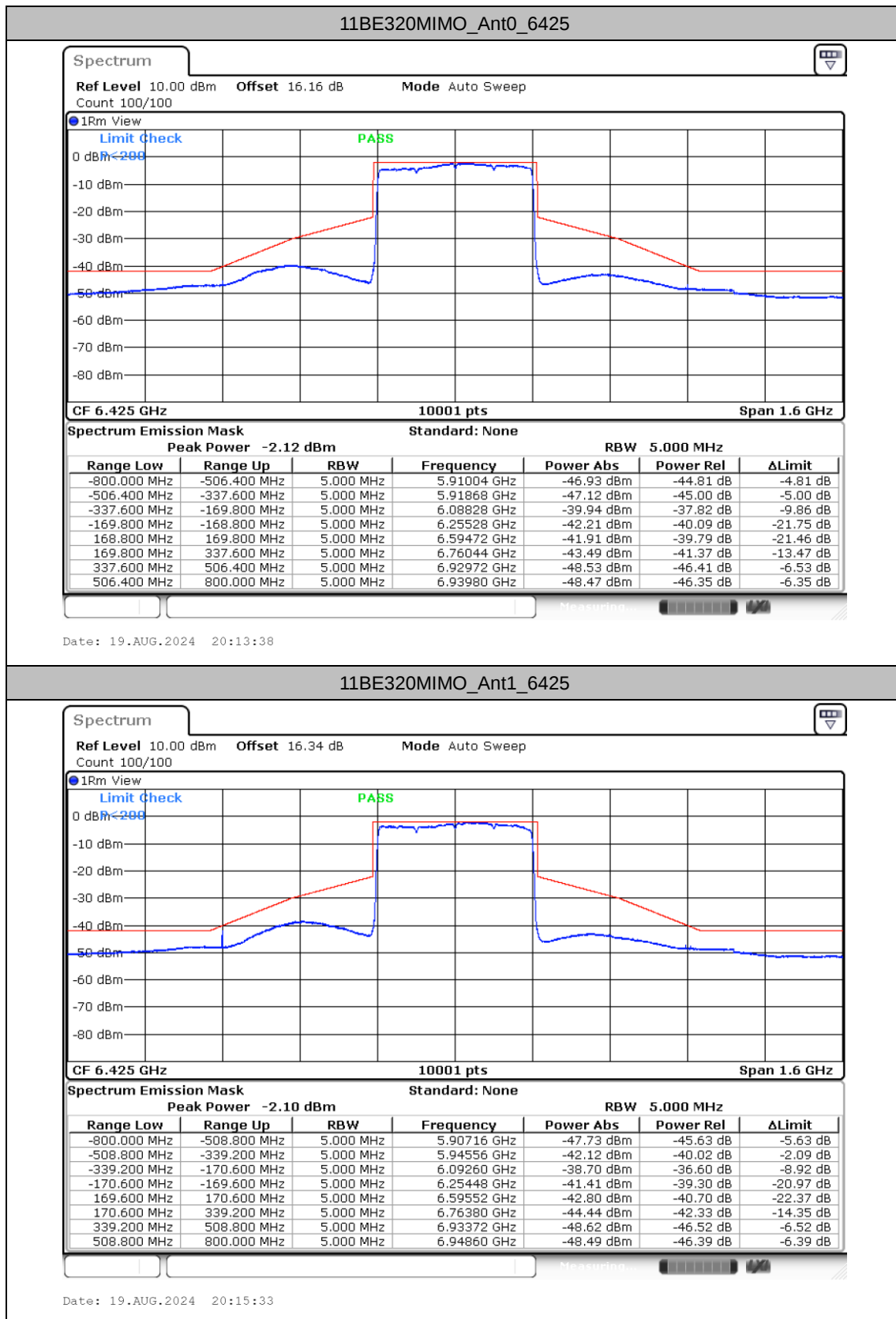




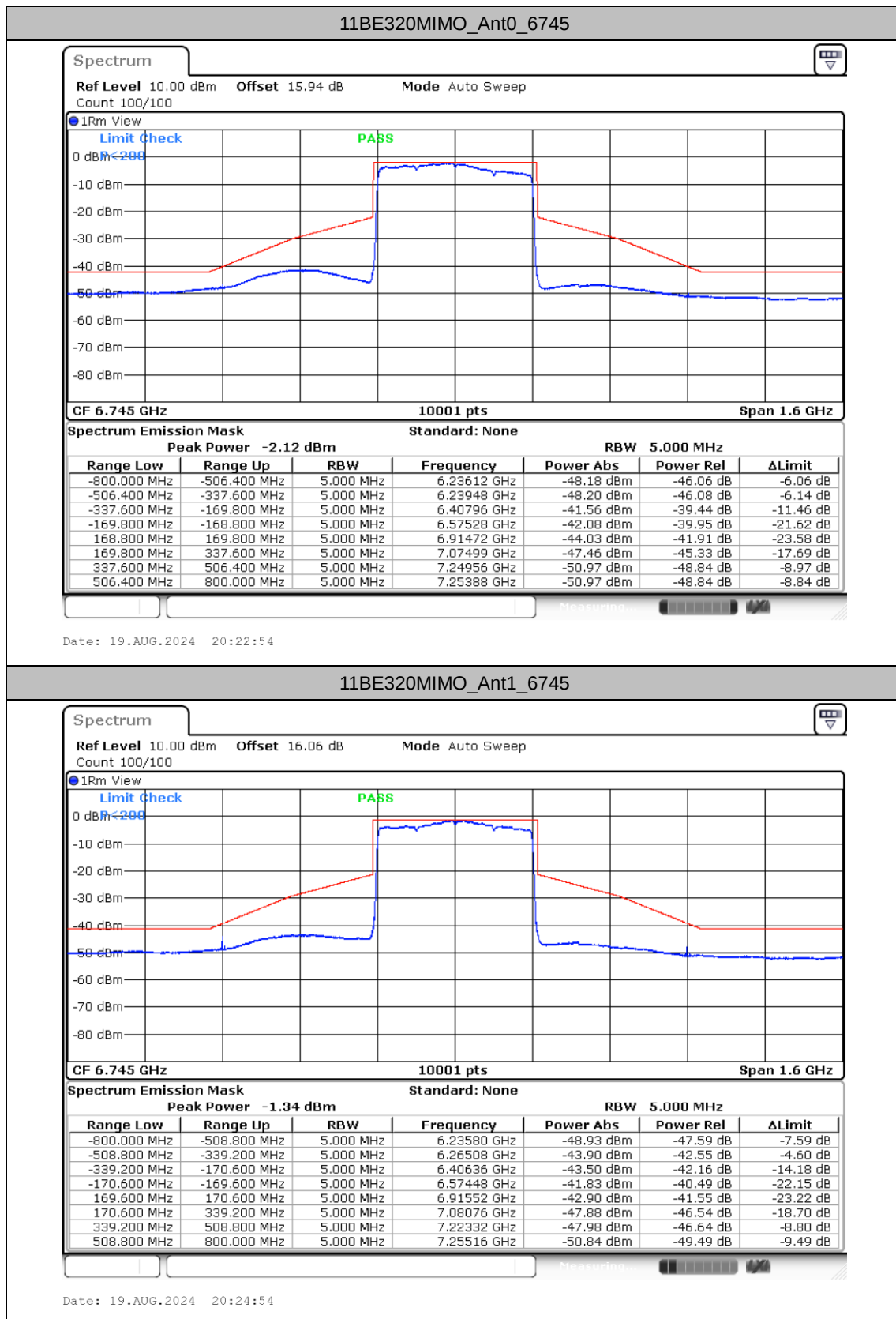


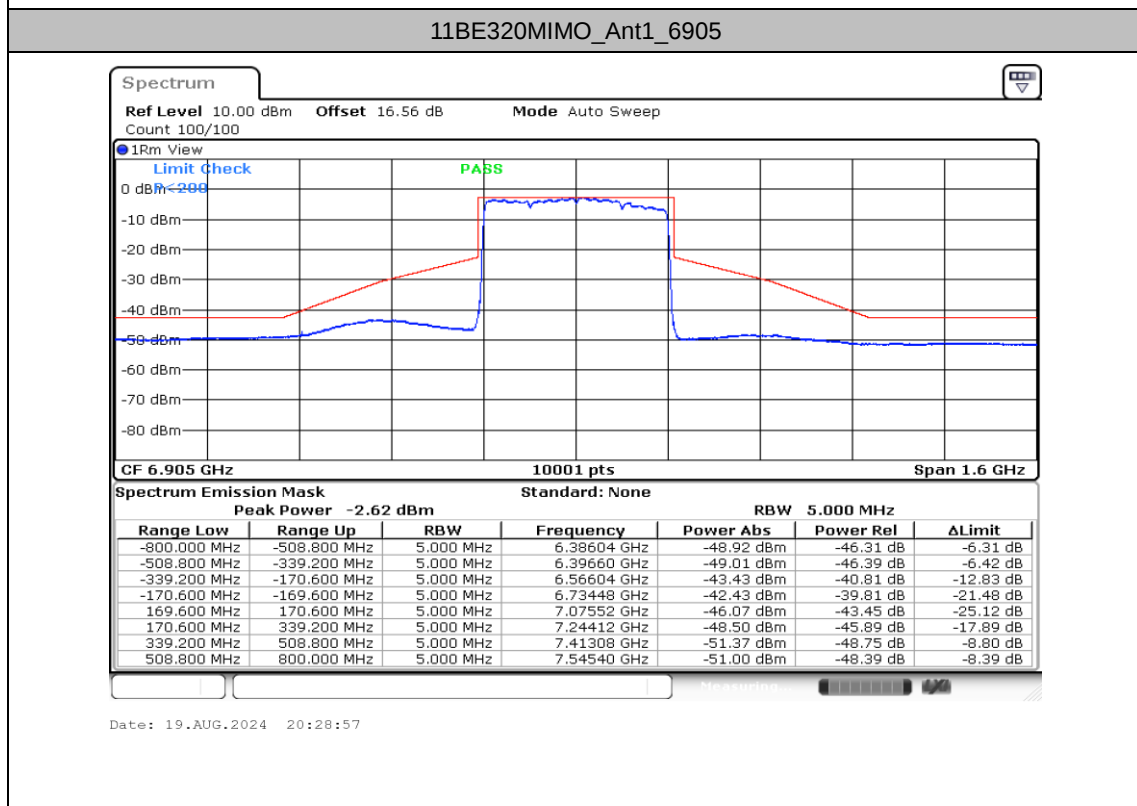
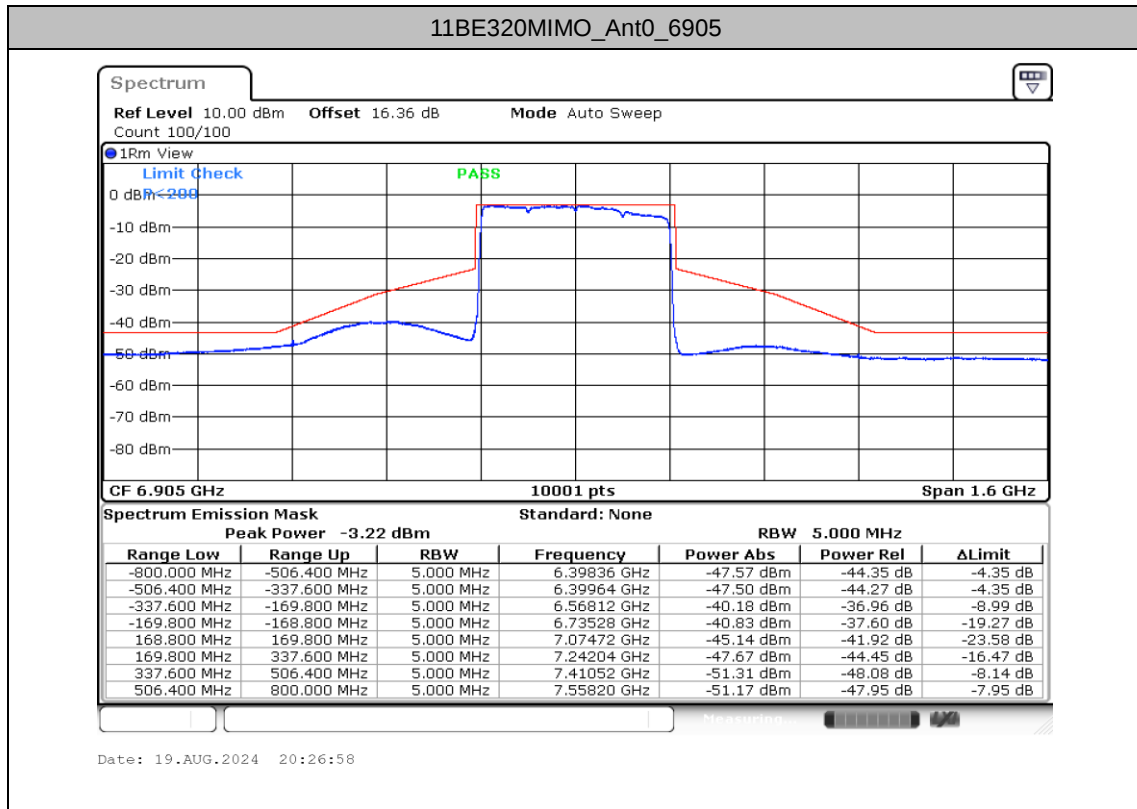














<802.11be Multi-RU>

Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	MRU Size	MRU Index	Set Power	Result [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11BE20 MIMO	Ant0	5955	52+26_OFDMA	1	1	-0.54	0.80	0.26	≤24.00	PASS
			106+26_OFDMA	1	2	1.54	0.80	2.34	≤24.00	PASS
	Ant1	5955	52+26_OFDMA	1	1	-0.51	-1.22	-1.73	≤24.00	PASS
			106+26_OFDMA	1	2	1.61	-1.22	0.39	≤24.00	PASS
	total	5955	52+26_OFDMA	1	---	2.49	0.80	3.29	≤24.00	PASS
			106+26_OFDMA	1	---	4.59	0.80	5.39	≤24.00	PASS
	Ant0	6435	52+26_OFDMA	1	1.5	1.20	-0.35	0.85	≤24.00	PASS
			106+26_OFDMA	1	4	3.51	-0.35	3.16	≤24.00	PASS
	Ant1	6435	52+26_OFDMA	1	1.5	0.30	-3.34	-3.04	≤24.00	PASS
			106+26_OFDMA	1	4	3.46	-3.34	0.12	≤24.00	PASS
	total	6435	52+26_OFDMA	1	---	3.78	-0.35	3.43	≤24.00	PASS
			106+26_OFDMA	1	---	6.50	-0.35	6.15	≤24.00	PASS
	Ant0	6535	52+26_OFDMA	1	0.5	0.36	0.48	0.84	≤24.00	PASS
			106+26_OFDMA	1	2.5	2.37	0.48	2.85	≤24.00	PASS
	Ant1	6535	52+26_OFDMA	1	0.5	-0.10	-2.24	-2.34	≤24.00	PASS
			106+26_OFDMA	1	2.5	2.08	-2.24	-0.16	≤24.00	PASS
	total	6535	52+26_OFDMA	1	---	3.15	0.48	3.63	≤24.00	PASS
			106+26_OFDMA	1	---	5.24	0.48	5.72	≤24.00	PASS
	Ant0	7095	52+26_OFDMA	3	1.5	1.69	0.54	2.23	≤24.00	PASS
			106+26_OFDMA	2	4.5	3.16	0.54	3.70	≤24.00	PASS
	Ant1	7095	52+26_OFDMA	3	1.5	1.28	-3.29	-2.01	≤24.00	PASS
			106+26_OFDMA	2	4.5	4.11	-3.29	0.82	≤24.00	PASS
	total	7095	52+26_OFDMA	3	---	4.50	0.54	5.04	≤24.00	PASS
			106+26_OFDMA	2	---	6.67	0.54	7.21	≤24.00	PASS
11BE80 MIMO	Ant0	5985	Large RU 484+242	4	9.5	10.65	0.80	11.45	≤24.00	PASS
			Puncturing 20M	4	9	9.18	0.80	9.98	≤24.00	PASS
	Ant1	5985	Large RU 484+242	4	9.5	10.72	-1.22	9.50	≤24.00	PASS
			Puncturing 20M	4	9	9.06	-1.22	7.84	≤24.00	PASS
	total	5985	Large RU 484+242	4	---	13.70	0.80	14.50	≤24.00	PASS
			Puncturing 20M	4	---	12.13	0.80	12.93	≤24.00	PASS
	Ant0	7025	Large RU 484+242	1	10	10.70	0.54	11.24	≤24.00	PASS
			Puncturing 20M	1	11	10.50	0.54	11.04	≤24.00	PASS
	Ant1	7025	Large RU 484+242	1	10	11.68	-3.29	8.39	≤24.00	PASS
			Puncturing 20M	1	11	11.50	-3.29	8.21	≤24.00	PASS
	total	7025	Large RU	1	---	14.23	0.54	14.77	≤24.00	PASS



11BE160 MIMO			484+242							
			Puncturing 20M	1	---	14.04	0.54	14.58	≤24.00	PASS
	Ant0	6025	Large RU 996+484	4	10.5	11.43	0.80	12.23	≤24.00	PASS
			Puncturing 40M	4	11.5	11.43	0.80	12.23	≤24.00	PASS
			Puncturing 20M	8	12	11.81	0.80	12.61	≤24.00	PASS
	Ant1	6025	Large RU 996+484	4	10.5	12.24	-1.22	11.02	≤24.00	PASS
			Puncturing 40M	4	11.5	11.97	-1.22	10.75	≤24.00	PASS
			Puncturing 20M	8	12	12.46	-1.22	11.24	≤24.00	PASS
	total	6025	Large RU 996+484	4	---	14.86	0.80	15.66	≤24.00	PASS
			Puncturing 40M	4	---	14.72	0.80	15.52	≤24.00	PASS
			Puncturing 20M	8	---	15.16	0.80	15.96	≤24.00	PASS
	Ant0	6985	Large RU 996+484	1	11.5	12.41	0.54	12.95	≤24.00	PASS
			Puncturing 40M	1	12.5	12.33	0.54	12.87	≤24.00	PASS
			Puncturing 20M	1	13	12.83	0.54	13.37	≤24.00	PASS
	Ant1	6985	Large RU 996+484	1	11.5	13.43	-3.29	10.14	≤24.00	PASS
			Puncturing 40M	1	12.5	13.27	-3.29	9.98	≤24.00	PASS
			Puncturing 20M	1	13	13.84	-3.29	10.55	≤24.00	PASS
	total	6985	Large RU 996+484	1	---	15.96	0.54	16.50	≤24.00	PASS
			Puncturing 40M	1	---	15.84	0.54	16.38	≤24.00	PASS
			Puncturing 20M	1	---	16.37	0.54	16.91	≤24.00	PASS
11BE320 MIMO	Ant0	6105	Large RU 996*2+484	6	9.5	11.59	0.80	12.39	≤24.00	PASS
			Large RU 996*3	4	11.5	12.62	0.80	13.42	≤24.00	PASS
			Large RU 996*3+484	8	11.5	12.05	0.80	12.85	≤24.00	PASS
			Puncturing 80M+40M	6	11.5	11.74	0.80	12.54	≤24.00	PASS
			Puncturing 80M	4	12.5	12.55	0.80	13.35	≤24.00	PASS
			Puncturing 40M	8	13	13.07	0.80	13.87	≤24.00	PASS
	Ant1	6105	Large RU 996*2+484	6	9.5	11.92	-1.22	10.70	≤24.00	PASS
			Large RU 996*3	4	11.5	13.06	-1.22	11.84	≤24.00	PASS
			Large RU 996*3+484	8	11.5	12.44	-1.22	11.22	≤24.00	PASS
			Puncturing 80M+40M	6	11.5	12.08	-1.22	10.86	≤24.00	PASS
			Puncturing 80M	4	12.5	13.16	-1.22	11.94	≤24.00	PASS
			Puncturing 40M	8	13	13.53	-1.22	12.31	≤24.00	PASS
	total	6105	Large RU 996*2+484	6	---	14.77	0.80	15.57	≤24.00	PASS
			Large RU 996*3	4	---	15.86	0.80	16.66	≤24.00	PASS
			Large RU 996*3+484	8	---	15.26	0.80	16.06	≤24.00	PASS
			Puncturing 80M+40M	6	---	14.92	0.80	15.72	≤24.00	PASS
			Puncturing 80M	4	---	15.88	0.80	16.68	≤24.00	PASS
			Puncturing 40M	8	---	16.32	0.80	17.12	≤24.00	PASS



	Ant0	6905	Large RU 996*2+484	7	9.5	10.96	0.54	11.50	≤24.00	PASS
			Large RU 996*3	1	11.5	12.12	0.54	12.66	≤24.00	PASS
			Large RU 996*3+484	1	13	13.12	0.54	13.66	≤24.00	PASS
			Puncturing 80M+40M	7	11.5	11.15	0.54	11.69	≤24.00	PASS
			Puncturing 80M	1	12.5	12.01	0.54	12.55	≤24.00	PASS
			Puncturing 40M	1	13	12.62	0.54	13.16	≤24.00	PASS
	Ant1	6905	Large RU 996*2+484	7	9.5	12.01	-2.24	9.77	≤24.00	PASS
			Large RU 996*3	1	11.5	12.96	-2.24	10.72	≤24.00	PASS
			Large RU 996*3+484	1	13	13.84	-2.24	11.60	≤24.00	PASS
			Puncturing 80M+40M	7	11.5	11.97	-2.24	9.73	≤24.00	PASS
			Puncturing 80M	1	12.5	12.74	-2.24	10.50	≤24.00	PASS
			Puncturing 40M	1	13	13.37	-2.24	11.13	≤24.00	PASS
	total	6905	Large RU 996*2+484	7	---	14.53	0.54	15.07	≤24.00	PASS
			Large RU 996*3	1	---	15.57	0.54	16.11	≤24.00	PASS
			Large RU 996*3+484	1	---	16.51	0.54	17.05	≤24.00	PASS
			Puncturing 80M+40M	7	---	14.59	0.54	15.13	≤24.00	PASS
			Puncturing 80M	1	---	15.40	0.54	15.94	≤24.00	PASS
			Puncturing 40M	1	---	16.02	0.54	16.56	≤24.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	MRU Size	MRU Index	Result [dBm/MHz]	Limit [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11BE20 MIMO	Ant0	5955	52+26_OFDMA	1	-7.59	≤-1.80	0.80	-6.79	≤-1.00	PASS
			106+26_OFDMA	1	-7.78	≤-1.80	0.80	-6.98	≤-1.00	PASS
	Ant1	5955	52+26_OFDMA	1	-7.90	≤0.22	-1.22	-9.12	≤-1.00	PASS
			106+26_OFDMA	1	-8.11	≤0.22	-1.22	-9.33	≤-1.00	PASS
	total	5955	52+26_OFDMA	1	-4.73	≤-3.86	2.86	-1.87	≤-1.00	PASS
			106+26_OFDMA	1	-4.93	≤-3.86	2.86	-2.07	≤-1.00	PASS
	Ant0	6435	52+26_OFDMA	1	-6.03	≤-0.65	-0.35	-6.38	≤-1.00	PASS
			106+26_OFDMA	1	-6.02	≤-0.65	-0.35	-6.37	≤-1.00	PASS
	Ant1	6435	52+26_OFDMA	1	-7.43	≤2.34	-3.34	-10.77	≤-1.00	PASS
			106+26_OFDMA	1	-6.69	≤2.34	-3.34	-10.03	≤-1.00	PASS
	total	6435	52+26_OFDMA	1	-3.66	≤-2.29	1.29	-2.37	≤-1.00	PASS
			106+26_OFDMA	1	-3.33	≤-2.29	1.29	-2.04	≤-1.00	PASS
	Ant0	6535	52+26_OFDMA	1	-6.86	≤-1.48	0.48	-6.38	≤-1.00	PASS
			106+26_OFDMA	1	-7.08	≤-1.48	0.48	-6.60	≤-1.00	PASS
	Ant1	6535	52+26_OFDMA	1	-7.62	≤1.24	-2.24	-9.86	≤-1.00	PASS
			106+26_OFDMA	1	-7.78	≤1.24	-2.24	-10.02	≤-1.00	PASS
	total	6535	52+26_OFDMA	1	-4.21	≤-3.24	2.24	-1.97	≤-1.00	PASS
			106+26_OFDMA	1	-4.41	≤-3.24	2.24	-2.17	≤-1.00	PASS
	Ant0	7095	52+26_OFDMA	3	-6.33	≤-1.54	0.54	-5.79	≤-1.00	PASS
			106+26_OFDMA	2	-7.40	≤-1.54	0.54	-6.86	≤-1.00	PASS
	Ant1	7095	52+26_OFDMA	3	-7.41	≤2.29	-3.29	-10.70	≤-1.00	PASS
			106+26_OFDMA	2	-6.67	≤2.29	-3.29	-9.96	≤-1.00	PASS
	total	7095	52+26_OFDMA	3	-3.83	≤-2.84	1.84	-1.99	≤-1.00	PASS
			106+26_OFDMA	2	-4.01	≤-2.84	1.84	-2.17	≤-1.00	PASS
11BE80 MIMO	Ant0	5985	Large RU 484+242	4	-8.36	≤-1.80	0.80	-7.56	≤-1.00	PASS
			Puncturing 20M	4	-7.45	≤-1.80	0.80	-6.65	≤-1.00	PASS
	Ant1	5985	Large RU 484+242	4	-8.34	≤0.22	-1.22	-9.56	≤-1.00	PASS
			Puncturing 20M	4	-8.33	≤0.22	-1.22	-9.55	≤-1.00	PASS
	total	5985	Large RU 484+242	4	-5.34	≤-3.86	2.86	-2.48	≤-1.00	PASS
			Puncturing 20M	4	-4.86	≤-3.86	2.86	-2.00	≤-1.00	PASS
	Ant0	7025	Large RU 484+242	1	-7.38	≤-1.54	0.54	-6.84	≤-1.00	PASS
			Puncturing 20M	1	-7.55	≤-1.54	0.54	-7.01	≤-1.00	PASS
	Ant1	7025	Large RU 484+242	1	-6.56	≤2.29	-3.29	-9.85	≤-1.00	PASS
			Puncturing 20M	1	-6.77	≤2.29	-3.29	-10.06	≤-1.00	PASS
	total	7025	Large RU 484+242	1	-3.94	≤-2.84	1.84	-2.10	≤-1.00	PASS
			Puncturing 20M	1	-4.13	≤-2.84	1.84	-2.29	≤-1.00	PASS
11BE160MIMO	Ant0	6025	Large RU 996+484	4	-7.93	≤-1.80	0.80	-7.13	≤-1.00	PASS



			Puncturing 40M	4	-7.99	≤ -1.80	0.80	-7.19	≤ -1.00	PASS
			Puncturing 20M	8	-8.14	≤ -1.80	0.80	-7.34	≤ -1.00	PASS
	Ant1	6025	Large RU 996+484	4	-7.67	≤ 0.22	-1.22	-8.89	≤ -1.00	PASS
			Puncturing 40M	4	-7.90	≤ 0.22	-1.22	-9.12	≤ -1.00	PASS
			Puncturing 20M	8	-7.88	≤ 0.22	-1.22	-9.10	≤ -1.00	PASS
	total	6025	Large RU 996+484	4	-4.79	≤ -3.86	2.86	-1.93	≤ -1.00	PASS
			Puncturing 40M	4	-4.93	≤ -3.86	2.86	-2.07	≤ -1.00	PASS
			Puncturing 20M	8	-5.00	≤ -3.86	2.86	-2.14	≤ -1.00	PASS
	Ant0	6985	Large RU 996+484	1	-7.33	≤ -1.54	0.54	-6.79	≤ -1.00	PASS
			Puncturing 40M	1	-7.42	≤ -1.54	0.54	-6.88	≤ -1.00	PASS
			Puncturing 20M	1	-7.55	≤ -1.54	0.54	-7.01	≤ -1.00	PASS
	Ant1	6985	Large RU 996+484	1	-6.91	≤ 2.29	-3.29	-10.20	≤ -1.00	PASS
			Puncturing 40M	1	-7.08	≤ 2.29	-3.29	-10.37	≤ -1.00	PASS
			Puncturing 20M	1	-7.16	≤ 2.29	-3.29	-10.45	≤ -1.00	PASS
	total	6985	Large RU 996+484	1	-4.10	≤ -2.84	1.84	-2.26	≤ -1.00	PASS
			Puncturing 40M	1	-4.24	≤ -2.84	1.84	-2.40	≤ -1.00	PASS
			Puncturing 20M	1	-4.34	≤ -2.84	1.84	-2.50	≤ -1.00	PASS
11BE320 MIMO	Ant0	6105	Large RU 996*2+484	6	-10.26	≤ -1.80	0.80	-9.46	≤ -1.00	PASS
			Large RU 996*3	4	-9.87	≤ -1.80	0.80	-9.07	≤ -1.00	PASS
			Large RU 996*3+484	8	-11.21	≤ -1.80	0.80	-10.41	≤ -1.00	PASS
			Puncturing 80M+40M	6	-10.24	≤ -1.80	0.80	-9.44	≤ -1.00	PASS
			Puncturing 80M	4	-10.21	≤ -1.80	0.80	-9.41	≤ -1.00	PASS
			Puncturing 40M	8	-10.08	≤ -1.80	0.80	-9.28	≤ -1.00	PASS
	Ant1	6105	Large RU 996*2+484	6	-10.27	≤ 0.22	-1.22	-11.49	≤ -1.00	PASS
			Large RU 996*3	4	-9.96	≤ 0.22	-1.22	-11.18	≤ -1.00	PASS
			Large RU 996*3+484	8	-11.10	≤ 0.22	-1.22	-12.32	≤ -1.00	PASS
			Puncturing 80M+40M	6	-10.12	≤ 0.22	-1.22	-11.34	≤ -1.00	PASS
			Puncturing 80M	4	-10.21	≤ 0.22	-1.22	-11.43	≤ -1.00	PASS
			Puncturing 40M	8	-10.51	≤ 0.22	-1.22	-11.73	≤ -1.00	PASS
	total	6105	Large RU 996*2+484	6	-7.25	≤ -3.86	2.86	-4.39	≤ -1.00	PASS
			Large RU 996*3	4	-6.90	≤ -3.86	2.86	-4.04	≤ -1.00	PASS
			Large RU 996*3+484	8	-8.14	≤ -3.86	2.86	-5.28	≤ -1.00	PASS
			Puncturing 80M+40M	6	-7.17	≤ -3.86	2.86	-4.31	≤ -1.00	PASS
			Puncturing 80M	4	-7.20	≤ -3.86	2.86	-4.34	≤ -1.00	PASS
			Puncturing 40M	8	-7.28	≤ -3.86	2.86	-4.42	≤ -1.00	PASS
	Ant0	6905	Large RU 996*2+484	7	-10.52	≤ -1.54	0.54	-9.98	≤ -1.00	PASS
			Large RU 996*3	1	-10.62	≤ -1.54	0.54	-10.08	≤ -1.00	PASS
			Large RU	1	-10.10	≤ -1.54	0.54	-9.56	≤ -1.00	PASS



			996*3+484							
			Puncturing 80M+40M	7	-10.44	≤ -1.54	0.54	-9.90	≤ -1.00	PASS
			Puncturing 80M	1	-10.42	≤ -1.54	0.54	-9.88	≤ -1.00	PASS
			Puncturing 40M	1	-10.64	≤ -1.54	0.54	-10.10	≤ -1.00	PASS
	Ant1	6905	Large RU 996*2+484	7	-10.12	≤ 1.24	-2.24	-12.36	≤ -1.00	PASS
			Large RU 996*3	1	-10.00	≤ 1.24	-2.24	-12.24	≤ -1.00	PASS
			Large RU 996*3+484	1	-9.85	≤ 1.24	-2.24	-12.09	≤ -1.00	PASS
			Puncturing 80M+40M	7	-10.10	≤ 1.24	-2.24	-12.34	≤ -1.00	PASS
			Puncturing 80M	1	-10.26	≤ 1.24	-2.24	-12.50	≤ -1.00	PASS
			Puncturing 40M	1	-10.22	≤ 1.24	-2.24	-12.46	≤ -1.00	PASS
	total	6905	Large RU 996*2+484	7	-7.31	≤ -3.27	2.27	-5.04	≤ -1.00	PASS
			Large RU 996*3	1	-7.29	≤ -3.27	2.27	-5.02	≤ -1.00	PASS
			Large RU 996*3+484	1	-6.96	≤ -3.27	2.27	-4.69	≤ -1.00	PASS
			Puncturing 80M+40M	7	-7.26	≤ -3.27	2.27	-4.99	≤ -1.00	PASS
			Puncturing 80M	1	-7.33	≤ -3.27	2.27	-5.06	≤ -1.00	PASS
			Puncturing 40M	1	-7.41	≤ -3.27	2.27	-5.14	≤ -1.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Test Graphs

