

	total	5210	26Tone	RU0	0.32	≤23.98	PASS
			52Tone	RU37	3.49	≤23.98	PASS
			106Tone	RU53	7.36	≤23.98	PASS
			242Tone	RU61	10.58	≤23.98	PASS
			484Tone	RU65	13.7	≤23.98	PASS
	Ant1	5290	26Tone	RU0	-2.87	≤23.98	PASS
			52Tone	RU37	0.57	≤23.98	PASS
			106Tone	RU53	4.29	≤23.98	PASS
			242Tone	RU61	7.44	≤23.98	PASS
			484Tone	RU65	11.05	≤23.98	PASS
	Ant2	5290	996Tone	RU67	13.98	≤23.98	PASS
			26Tone	RU0	-2.42	≤23.98	PASS
			52Tone	RU37	1.32	≤23.98	PASS
			106Tone	RU53	4.93	≤23.98	PASS
			242Tone	RU61	8.85	≤23.98	PASS
	total	5290	484Tone	RU65	11.39	≤23.98	PASS
			996Tone	RU67	14.46	≤23.98	PASS
			26Tone	RU0	0.37	≤23.98	PASS
			52Tone	RU37	3.97	≤23.98	PASS
			106Tone	RU53	7.63	≤23.98	PASS
	Ant1	5530	242Tone	RU61	11.21	≤23.98	PASS
			484Tone	RU65	14.23	≤23.98	PASS
			996Tone	RU67	17.24	≤23.98	PASS
			26Tone	RU0	-4.67	≤23.98	PASS
52Tone			RU37	-1.29	≤23.98	PASS	
Ant2	5530	106Tone	RU53	2.44	≤23.98	PASS	
		242Tone	RU61	7.08	≤23.98	PASS	
		484Tone	RU65	10.35	≤23.98	PASS	
		996Tone	RU67	14.22	≤23.98	PASS	
		26Tone	RU0	-3.8	≤23.98	PASS	
total	5530	52Tone	RU37	-0.03	≤23.98	PASS	
		106Tone	RU53	3.34	≤23.98	PASS	
		242Tone	RU61	7.68	≤23.98	PASS	
		484Tone	RU65	11.55	≤23.98	PASS	
		996Tone	RU67	15.27	≤23.98	PASS	
Ant1	5610	26Tone	RU0	-1.2	≤23.98	PASS	
		52Tone	RU37	2.4	≤23.98	PASS	
		106Tone	RU53	5.92	≤23.98	PASS	
		242Tone	RU61	10.4	≤23.98	PASS	
		484Tone	RU65	14	≤23.98	PASS	
Ant2	5610	996Tone	RU67	17.79	≤23.98	PASS	
		26Tone	RU0	-2.43	≤23.98	PASS	
		52Tone	RU37	0.99	≤23.98	PASS	
		106Tone	RU53	4.6	≤23.98	PASS	
		242Tone	RU61	7.96	≤23.98	PASS	
total	5610	484Tone	RU65	10.96	≤23.98	PASS	
		996Tone	RU67	14.44	≤23.98	PASS	
		26Tone	RU0	-2.05	≤23.98	PASS	
		52Tone	RU37	1.07	≤23.98	PASS	
		106Tone	RU53	4.07	≤23.98	PASS	
total	5610	242Tone	RU61	8.43	≤23.98	PASS	
		484Tone	RU65	11.39	≤23.98	PASS	
		996Tone	RU67	15.39	≤23.98	PASS	
total	5610	26Tone	RU0	0.77	≤23.98	PASS	
		52Tone	RU37	4.04	≤23.98	PASS	
		106Tone	RU53	7.35	≤23.98	PASS	
			242Tone	RU61	11.21	≤23.98	PASS

	Ant1	5690_UNII-2C	484Tone	RU65	14.19	≤23.98	PASS
			996Tone	RU67	17.95	≤23.98	PASS
			26Tone	RU0	-2.01	≤23.98	PASS
			52Tone	RU37	1.61	≤23.98	PASS
			106Tone	RU53	5.07	≤23.98	PASS
			242Tone	RU61	8.84	≤23.98	PASS
	Ant2	5690_UNII-2C	484Tone	RU65	12.18	≤23.98	PASS
			996Tone	RU67	15.49	≤23.98	PASS
			26Tone	RU0	-2.27	≤23.98	PASS
			52Tone	RU37	1.37	≤23.98	PASS
			106Tone	RU53	5.07	≤23.98	PASS
			242Tone	RU61	8.61	≤23.98	PASS
	total	5690_UNII-2C	484Tone	RU65	11.95	≤23.98	PASS
			996Tone	RU67	15.46	≤23.98	PASS
			26Tone	RU0	0.87	≤23.98	PASS
			52Tone	RU37	4.5	≤23.98	PASS
			106Tone	RU53	8.08	≤23.98	PASS
			242Tone	RU61	11.74	≤23.98	PASS
	Ant1	5690_UNII-3	484Tone	RU65	15.08	≤23.98	PASS
			996Tone	RU67	18.49	≤23.98	PASS
			26Tone	RU0	-30.49	≤30.00	PASS
			52Tone	RU37	-30.53	≤30.00	PASS
			106Tone	RU53	-30.56	≤30.00	PASS
			242Tone	RU61	-30.36	≤30.00	PASS
	Ant2	5690_UNII-3	484Tone	RU65	-27.48	≤30.00	PASS
			996Tone	RU67	-5.83	≤30.00	PASS
			26Tone	RU0	-30.76	≤30.00	PASS
			52Tone	RU37	-30.46	≤30.00	PASS
106Tone			RU53	-30.66	≤30.00	PASS	
242Tone			RU61	-30.38	≤30.00	PASS	
total	5690_UNII-3	484Tone	RU65	-27.58	≤30.00	PASS	
		996Tone	RU67	-6.08	≤30.00	PASS	
		26Tone	RU0	-27.61	≤30.00	PASS	
		52Tone	RU37	-27.48	≤30.00	PASS	
		106Tone	RU53	-27.60	≤30.00	PASS	
		242Tone	RU61	-27.36	≤30.00	PASS	
Ant1	5775	484Tone	RU65	-24.52	≤30.00	PASS	
		996Tone	RU67	-2.94	≤30.00	PASS	
		26Tone	RU0	-2.6	≤30.00	PASS	
		52Tone	RU37	0.69	≤30.00	PASS	
		106Tone	RU53	3.9	≤30.00	PASS	
		242Tone	RU61	7.33	≤30.00	PASS	
Ant2	5775	484Tone	RU65	10.64	≤30.00	PASS	
		996Tone	RU67	14.11	≤30.00	PASS	
		26Tone	RU0	-1.15	≤30.00	PASS	
		52Tone	RU37	1.8	≤30.00	PASS	
		106Tone	RU53	4.61	≤30.00	PASS	
		242Tone	RU61	7.7	≤30.00	PASS	
total	5775	484Tone	RU65	10.7	≤30.00	PASS	
		996Tone	RU67	14.98	≤30.00	PASS	
		26Tone	RU0	1.2	≤30.00	PASS	
		52Tone	RU37	4.29	≤30.00	PASS	
		106Tone	RU53	7.28	≤30.00	PASS	
		242Tone	RU61	10.53	≤30.00	PASS	
			484Tone	RU65	13.68	≤30.00	PASS
			996Tone	RU67	17.58	≤30.00	PASS

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

The EUT employ CDD for MIMO

Directional Gain = $G_{ANT} + \text{Array Gain}$

For Output Power Measurement, *Array Gain* = 0dB for $N_{ANT} \leq 4$

$G_{ANT1} = -4.07\text{dBi}$, $G_{ANT2} = 3.92\text{dBi}$, use the higher antenna gain to calculate the worst case:

Directional Gain = $3.92\text{dBi} + 0\text{dB} = 3.92\text{dBi} < 6\text{dBi}$

For 5250-5350MHz and 5470-5725MHz band, the maximum

EIRP = $18.98\text{dBm} + 3.92\text{dBi} = 22.90\text{dBm} < 27\text{dBm}$

Appendix D: Maximum power spectral density Test Result

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A-CDD	Ant1	5180	-1.56	≤10.08	PASS
	Ant2	5180	-2.57	≤10.08	PASS
	total	5180	0.97	≤10.08	PASS
	Ant1	5200	-2.04	≤10.08	PASS
	Ant2	5200	-2.81	≤10.08	PASS
	total	5200	0.60	≤10.08	PASS
	Ant1	5240	-1.21	≤10.08	PASS
	Ant2	5240	-1.86	≤10.08	PASS
	total	5240	1.49	≤10.08	PASS
	Ant1	5260	-0.69	≤10.08	PASS
	Ant2	5260	-1.35	≤10.08	PASS
	total	5260	2.00	≤10.08	PASS
	Ant1	5280	0.09	≤10.08	PASS
	Ant2	5280	-1.1	≤10.08	PASS
	total	5280	2.55	≤10.08	PASS
	Ant1	5320	0.12	≤10.08	PASS
	Ant2	5320	-1.04	≤10.08	PASS
	total	5320	2.59	≤10.08	PASS
	Ant1	5500	-0.74	≤10.08	PASS
	Ant2	5500	-1.4	≤10.08	PASS
	total	5500	1.95	≤10.08	PASS
	Ant1	5580	0.01	≤10.08	PASS
	Ant2	5580	-1.47	≤10.08	PASS
	total	5580	2.34	≤10.08	PASS
	Ant1	5700	0.86	≤10.08	PASS
	Ant2	5700	-0.36	≤10.08	PASS
	total	5700	3.30	≤10.08	PASS
	Ant1	5720_UNII-2C	1.17	≤10.08	PASS
	Ant2	5720_UNII-2C	-0.25	≤10.08	PASS
	total	5720_UNII-2C	3.53	≤10.08	PASS
	Ant1	5720_UNII-3	-2.55	≤29.08	PASS
	Ant2	5720_UNII-3	-3.72	≤29.08	PASS
	total	5720_UNII-3	-0.09	≤29.08	PASS
	Ant1	5745	-2.95	≤29.08	PASS
	Ant2	5745	-4.32	≤29.08	PASS
	total	5745	-0.57	≤29.08	PASS
	Ant1	5785	-2.69	≤29.08	PASS
	Ant2	5785	-2.66	≤29.08	PASS
	total	5785	0.34	≤29.08	PASS
	Ant1	5825	-2.79	≤29.08	PASS
	Ant2	5825	-4.53	≤29.08	PASS
	total	5825	-0.56	≤29.08	PASS
11N20MIMO	Ant1	5180	1.65	≤10.08	PASS
	Ant2	5180	1.57	≤10.08	PASS
	total	5180	4.62	≤10.08	PASS
	Ant1	5200	1.7	≤10.08	PASS
	Ant2	5200	1.97	≤10.08	PASS
	total	5200	4.85	≤10.08	PASS
	Ant1	5240	2.1	≤10.08	PASS
	Ant2	5240	2.08	≤10.08	PASS
	total	5240	5.10	≤10.08	PASS
	Ant1	5260	1.98	≤10.08	PASS
Ant2	5260	3.2	≤10.08	PASS	

	total	5260	5.64	≤10.08	PASS
	Ant1	5280	2.63	≤10.08	PASS
	Ant2	5280	3.1	≤10.08	PASS
	total	5280	5.88	≤10.08	PASS
	Ant1	5320	2.79	≤10.08	PASS
	Ant2	5320	3.26	≤10.08	PASS
	total	5320	6.04	≤10.08	PASS
	Ant1	5500	2.9	≤10.08	PASS
	Ant2	5500	3.49	≤10.08	PASS
	total	5500	6.22	≤10.08	PASS
	Ant1	5580	2.94	≤10.08	PASS
	Ant2	5580	3.78	≤10.08	PASS
	total	5580	6.39	≤10.08	PASS
	Ant1	5700	3.88	≤10.08	PASS
	Ant2	5700	4.58	≤10.08	PASS
	total	5700	7.25	≤10.08	PASS
	Ant1	5720 UNII-2C	3.92	≤10.08	PASS
	Ant2	5720 UNII-2C	4.2	≤10.08	PASS
	total	5720 UNII-2C	7.07	≤10.08	PASS
	Ant1	5720 UNII-3	0.48	≤29.08	PASS
	Ant2	5720 UNII-3	0.48	≤29.08	PASS
	total	5720 UNII-3	3.49	≤29.08	PASS
	Ant1	5745	-0.19	≤29.08	PASS
	Ant2	5745	0.88	≤29.08	PASS
	total	5745	3.39	≤29.08	PASS
	Ant1	5785	-0.35	≤29.08	PASS
	Ant2	5785	1.5	≤29.08	PASS
	total	5785	3.68	≤29.08	PASS
	Ant1	5825	-0.35	≤29.08	PASS
	Ant2	5825	1.28	≤29.08	PASS
	total	5825	3.55	≤29.08	PASS
	Ant1	5190	0.99	≤10.08	PASS
	Ant2	5190	1.44	≤10.08	PASS
	total	5190	4.23	≤10.08	PASS
	Ant1	5230	-1.18	≤10.08	PASS
	Ant2	5230	-0.18	≤10.08	PASS
	total	5230	2.36	≤10.08	PASS
	Ant1	5270	-0.08	≤10.08	PASS
	Ant2	5270	1.01	≤10.08	PASS
	total	5270	3.51	≤10.08	PASS
	Ant1	5310	1.2	≤10.08	PASS
	Ant2	5310	1.96	≤10.08	PASS
	total	5310	4.61	≤10.08	PASS
	Ant1	5510	0.42	≤10.08	PASS
	Ant2	5510	1.51	≤10.08	PASS
	total	5510	4.01	≤10.08	PASS
	Ant1	5550	0.9	≤10.08	PASS
	Ant2	5550	1.59	≤10.08	PASS
	total	5550	4.27	≤10.08	PASS
	Ant1	5670	2.82	≤10.08	PASS
	Ant2	5670	4.07	≤10.08	PASS
	total	5670	6.50	≤10.08	PASS
	Ant1	5710 UNII-2C	0.41	≤10.08	PASS
	Ant2	5710 UNII-2C	0.91	≤10.08	PASS
	total	5710 UNII-2C	3.68	≤10.08	PASS
	Ant1	5710 UNII-3	-1.64	≤29.08	PASS
	Ant2	5710 UNII-3	-1.68	≤29.08	PASS
	total	5710 UNII-3	1.35	≤29.08	PASS
	Ant1	5755	-0.92	≤29.08	PASS
	Ant2	5755	-0.31	≤29.08	PASS
	total	5755	2.41	≤29.08	PASS

11N40MIMO

	Ant1	5795	-2.96	≤29.08	PASS
	Ant2	5795	-1.14	≤29.08	PASS
	total	5795	1.05	≤29.08	PASS
11AC20MIMO	Ant1	5180	1.68	≤10.08	PASS
	Ant2	5180	1.48	≤10.08	PASS
	total	5180	4.59	≤10.08	PASS
	Ant1	5200	1.03	≤10.08	PASS
	Ant2	5200	1.18	≤10.08	PASS
	total	5200	4.12	≤10.08	PASS
	Ant1	5240	1.66	≤10.08	PASS
	Ant2	5240	1.92	≤10.08	PASS
	total	5240	4.80	≤10.08	PASS
	Ant1	5260	2.29	≤10.08	PASS
	Ant2	5260	2.89	≤10.08	PASS
	total	5260	5.61	≤10.08	PASS
	Ant1	5280	2.75	≤10.08	PASS
	Ant2	5280	3.3	≤10.08	PASS
	total	5280	6.04	≤10.08	PASS
	Ant1	5320	2.74	≤10.08	PASS
	Ant2	5320	3.11	≤10.08	PASS
	total	5320	5.94	≤10.08	PASS
	Ant1	5500	2.38	≤10.08	PASS
	Ant2	5500	3.04	≤10.08	PASS
	total	5500	5.73	≤10.08	PASS
	Ant1	5580	2.68	≤10.08	PASS
	Ant2	5580	3.79	≤10.08	PASS
	total	5580	6.28	≤10.08	PASS
	Ant1	5700	3.88	≤10.08	PASS
	Ant2	5700	4.29	≤10.08	PASS
	total	5700	7.10	≤10.08	PASS
	Ant1	5720 UNII-2C	4.06	≤10.08	PASS
	Ant2	5720 UNII-2C	4.24	≤10.08	PASS
	total	5720 UNII-2C	7.16	≤10.08	PASS
	Ant1	5720 UNII-3	0.51	≤29.08	PASS
	Ant2	5720 UNII-3	0.95	≤29.08	PASS
	total	5720 UNII-3	3.75	≤29.08	PASS
Ant1	5745	-0.57	≤29.08	PASS	
Ant2	5745	0.61	≤29.08	PASS	
total	5745	3.07	≤29.08	PASS	
Ant1	5785	-0.44	≤29.08	PASS	
Ant2	5785	0.73	≤29.08	PASS	
total	5785	3.19	≤29.08	PASS	
Ant1	5825	-0.77	≤29.08	PASS	
Ant2	5825	1.28	≤29.08	PASS	
total	5825	3.39	≤29.08	PASS	
11AC40MIMO	Ant1	5190	-0.01	≤10.08	PASS
	Ant2	5190	0.44	≤10.08	PASS
	total	5190	3.23	≤10.08	PASS
	Ant1	5230	-0.98	≤10.08	PASS
	Ant2	5230	-0.45	≤10.08	PASS
	total	5230	2.30	≤10.08	PASS
	Ant1	5270	-0.53	≤10.08	PASS
	Ant2	5270	0.06	≤10.08	PASS
	total	5270	2.79	≤10.08	PASS
	Ant1	5310	-0.11	≤10.08	PASS
	Ant2	5310	1.51	≤10.08	PASS
	total	5310	3.79	≤10.08	PASS
	Ant1	5510	-0.18	≤10.08	PASS
	Ant2	5510	0.53	≤10.08	PASS
	total	5510	3.20	≤10.08	PASS
Ant1	5550	1.45	≤10.08	PASS	

	Ant2	5550	1.33	≤10.08	PASS
	total	5550	4.40	≤10.08	PASS
	Ant1	5670	0.53	≤10.08	PASS
	Ant2	5670	3.19	≤10.08	PASS
	total	5670	5.07	≤10.08	PASS
	Ant1	5710 UNII-2C	1.19	≤10.08	PASS
	Ant2	5710 UNII-2C	2.61	≤10.08	PASS
	total	5710 UNII-2C	4.97	≤10.08	PASS
	Ant1	5710 UNII-3	-4.29	≤29.08	PASS
	Ant2	5710 UNII-3	-2.22	≤29.08	PASS
	total	5710 UNII-3	-0.12	≤29.08	PASS
	Ant1	5755	-0.99	≤29.08	PASS
	Ant2	5755	-3	≤29.08	PASS
	total	5755	1.13	≤29.08	PASS
	Ant1	5795	-1.62	≤29.08	PASS
Ant2	5795	-0.87	≤29.08	PASS	
total	5795	1.78	≤29.08	PASS	
11AC80MIMO	Ant1	5210	-2.99	≤10.08	PASS
	Ant2	5210	-2.61	≤10.08	PASS
	total	5210	0.21	≤10.08	PASS
	Ant1	5290	-2.49	≤10.08	PASS
	Ant2	5290	-1.16	≤10.08	PASS
	total	5290	1.24	≤10.08	PASS
	Ant1	5530	-3.02	≤10.08	PASS
	Ant2	5530	-1.8	≤10.08	PASS
	total	5530	0.64	≤10.08	PASS
	Ant1	5610	-2.38	≤10.08	PASS
	Ant2	5610	-1.24	≤10.08	PASS
	total	5610	1.24	≤10.08	PASS
	Ant1	5690 UNII-2C	-0.09	≤10.08	PASS
	Ant2	5690 UNII-2C	-1.49	≤10.08	PASS
	total	5690 UNII-2C	2.28	≤10.08	PASS
	Ant1	5690 UNII-3	-3.51	≤29.08	PASS
	Ant2	5690 UNII-3	-3.69	≤29.08	PASS
	total	5690 UNII-3	-0.59	≤29.08	PASS
Ant1	5775	-4.78	≤29.08	PASS	
Ant2	5775	-4.38	≤29.08	PASS	
total	5775	-1.57	≤29.08	PASS	
11AX20MIMO (worst case 242Tone_RU61)	Ant1	5180	1.12	≤10.08	PASS
	Ant2	5180	1.51	≤10.08	PASS
	total	5180	4.33	≤10.08	PASS
	Ant1	5200	1.13	≤10.08	PASS
	Ant2	5200	1.54	≤10.08	PASS
	total	5200	4.35	≤10.08	PASS
	Ant1	5240	1.61	≤10.08	PASS
	Ant2	5240	1.67	≤10.08	PASS
	total	5240	4.65	≤10.08	PASS
	Ant1	5260	2.39	≤10.08	PASS
	Ant2	5260	2.59	≤10.08	PASS
	total	5260	5.50	≤10.08	PASS
	Ant1	5280	2.44	≤10.08	PASS
	Ant2	5280	2.75	≤10.08	PASS
	total	5280	5.61	≤10.08	PASS
	Ant1	5320	2.68	≤10.08	PASS
	Ant2	5320	2.91	≤10.08	PASS
	total	5320	5.81	≤10.08	PASS
	Ant1	5500	2.31	≤10.08	PASS
	Ant2	5500	3.25	≤10.08	PASS
	total	5500	5.82	≤10.08	PASS
Ant1	5580	2.67	≤10.08	PASS	
Ant2	5580	3.17	≤10.08	PASS	

	total	5580	5.94	≤10.08	PASS
	Ant1	5700	3.37	≤10.08	PASS
	Ant2	5700	3.84	≤10.08	PASS
	total	5700	6.62	≤10.08	PASS
	Ant1	5720 UNII-2C	3.86	≤10.08	PASS
	Ant2	5720 UNII-2C	4.43	≤10.08	PASS
	total	5720 UNII-2C	7.16	≤10.08	PASS
	Ant1	5720 UNII-3	0.34	≤29.08	PASS
	Ant2	5720 UNII-3	0.99	≤29.08	PASS
	total	5720 UNII-3	3.69	≤29.08	PASS
	Ant1	5745	-1.03	≤29.08	PASS
	Ant2	5745	-0.24	≤29.08	PASS
	total	5745	2.39	≤29.08	PASS
	Ant1	5785	-0.89	≤29.08	PASS
	Ant2	5785	0.61	≤29.08	PASS
	total	5785	2.93	≤29.08	PASS
	Ant1	5825	-0.16	≤29.08	PASS
	Ant2	5825	1	≤29.08	PASS
	total	5825	3.47	≤29.08	PASS
11AX40MIMO (worst case 484Tone_RU65)	Ant1	5190	-1.17	≤10.08	PASS
	Ant2	5190	-0.48	≤10.08	PASS
	total	5190	2.20	≤10.08	PASS
	Ant1	5230	-0.07	≤10.08	PASS
	Ant2	5230	0.53	≤10.08	PASS
	total	5230	3.25	≤10.08	PASS
	Ant1	5270	-0.37	≤10.08	PASS
	Ant2	5270	0.21	≤10.08	PASS
	total	5270	2.94	≤10.08	PASS
	Ant1	5310	0.25	≤10.08	PASS
	Ant2	5310	0.6	≤10.08	PASS
	total	5310	3.44	≤10.08	PASS
	Ant1	5510	0.84	≤10.08	PASS
	Ant2	5510	1.02	≤10.08	PASS
	total	5510	3.94	≤10.08	PASS
	Ant1	5550	0.33	≤10.08	PASS
	Ant2	5550	1.4	≤10.08	PASS
	total	5550	3.91	≤10.08	PASS
	Ant1	5670	2.02	≤10.08	PASS
	Ant2	5670	2.02	≤10.08	PASS
	total	5670	5.03	≤10.08	PASS
	Ant1	5710 UNII-2C	1.73	≤10.08	PASS
	Ant2	5710 UNII-2C	1.49	≤10.08	PASS
	total	5710 UNII-2C	4.62	≤10.08	PASS
	Ant1	5710 UNII-3	-2.4	≤29.08	PASS
	Ant2	5710 UNII-3	-1.57	≤29.08	PASS
	total	5710 UNII-3	1.05	≤29.08	PASS
	Ant1	5755	-3.66	≤29.08	PASS
	Ant2	5755	-2.16	≤29.08	PASS
	total	5755	0.16	≤29.08	PASS
	Ant1	5795	-3.23	≤29.08	PASS
	Ant2	5795	-2.57	≤29.08	PASS
total	5795	0.12	≤29.08	PASS	
11AX80MIMO (worst case 996Tone_RU67)	Ant1	5210	-2.27	≤10.08	PASS
	Ant2	5210	-1.49	≤10.08	PASS
	total	5210	1.15	≤10.08	PASS
	Ant1	5290	-2.45	≤10.08	PASS
	Ant2	5290	-1.78	≤10.08	PASS
	total	5290	0.91	≤10.08	PASS
	Ant1	5530	-2.7	≤10.08	PASS
	Ant2	5530	-0.43	≤10.08	PASS
total	5530	1.59	≤10.08	PASS	

	Ant1	5610	-0.49	≤10.08	PASS
	Ant2	5610	-0.53	≤10.08	PASS
	total	5610	2.50	≤10.08	PASS
	Ant1	5690 UNII-2C	-0.88	≤10.08	PASS
	Ant2	5690 UNII-2C	1.06	≤10.08	PASS
	total	5690 UNII-2C	3.21	≤10.08	PASS
	Ant1	5690 UNII-3	-3.03	≤10.08	PASS
	Ant2	5690 UNII-3	-4.03	≤10.08	PASS
	total	5690 UNII-3	-0.49	≤10.08	PASS
	Ant1	5775	-5.2	≤29.08	PASS
	Ant2	5775	-4.59	≤29.08	PASS
	total	5775	-1.87	≤29.08	PASS

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

The EUT employ CDD for MIMO

$Directional\ Gain = G_{ANT} + Array\ Gain$

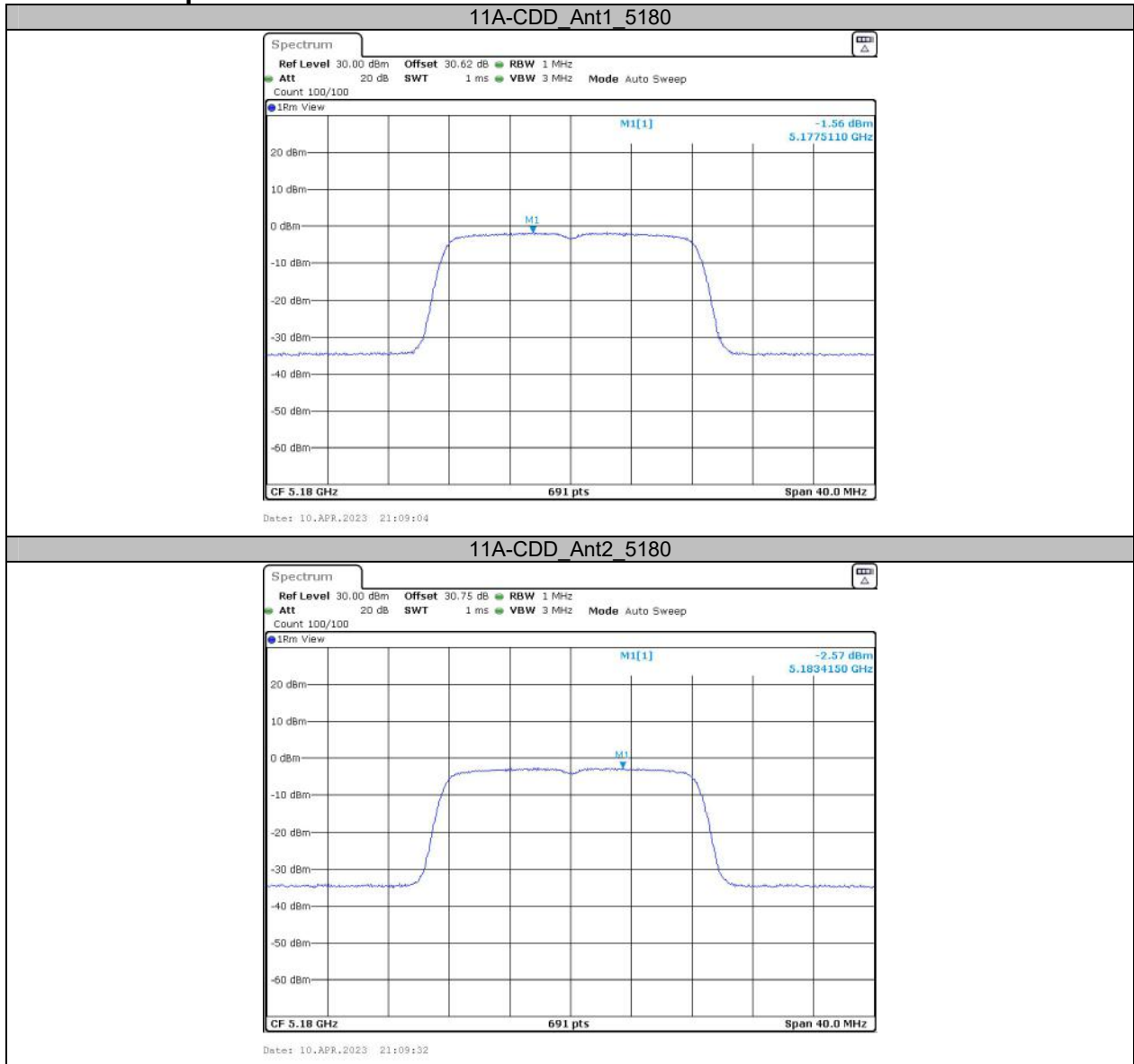
For PSD Measurement, $Array\ Gain = 10 * \log N_{ANT} = 10 * \log 2 = 3dB$

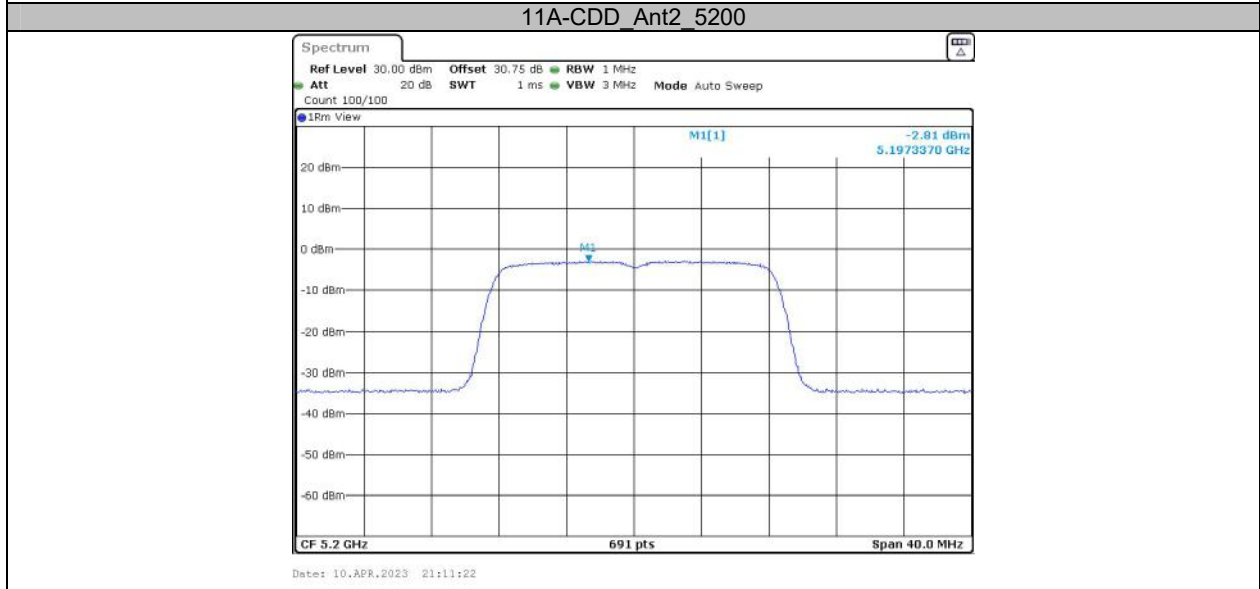
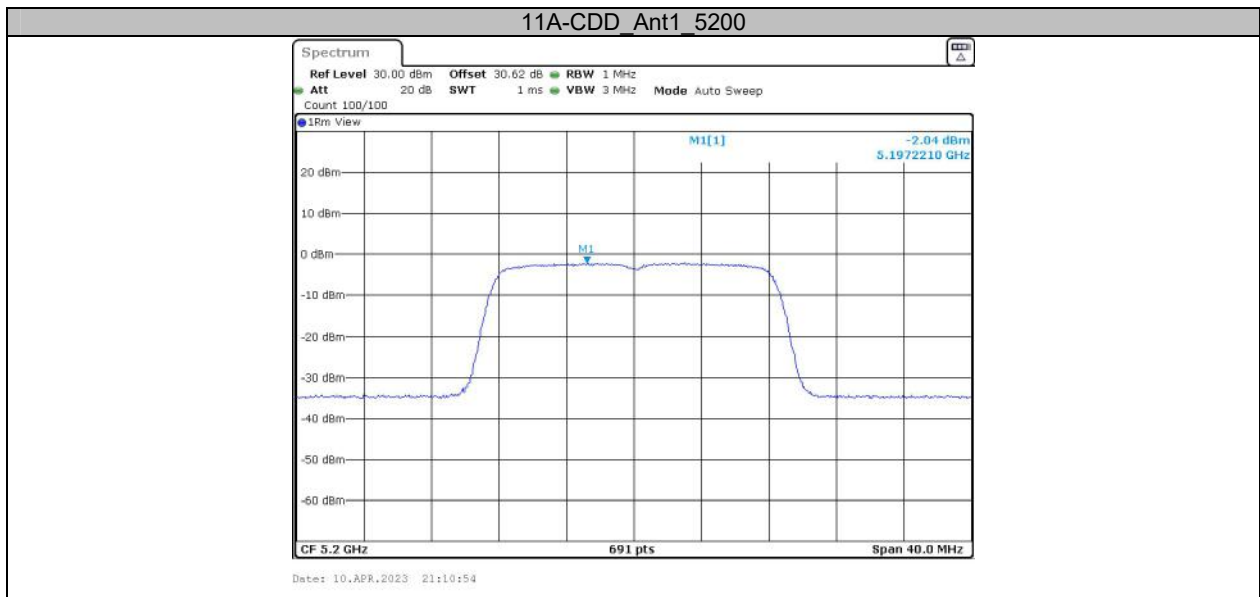
$G_{ANT1} = -4.07dBi$, $G_{ANT2} = 3.92dBi$, use the higher antenna gain to calculate the worst case:

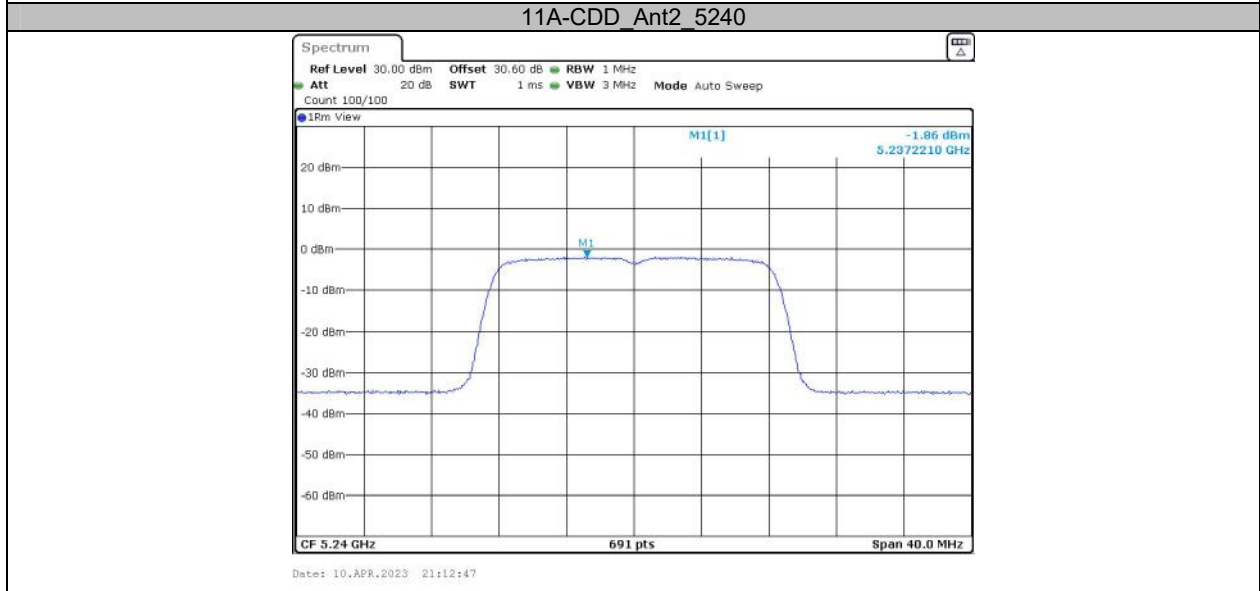
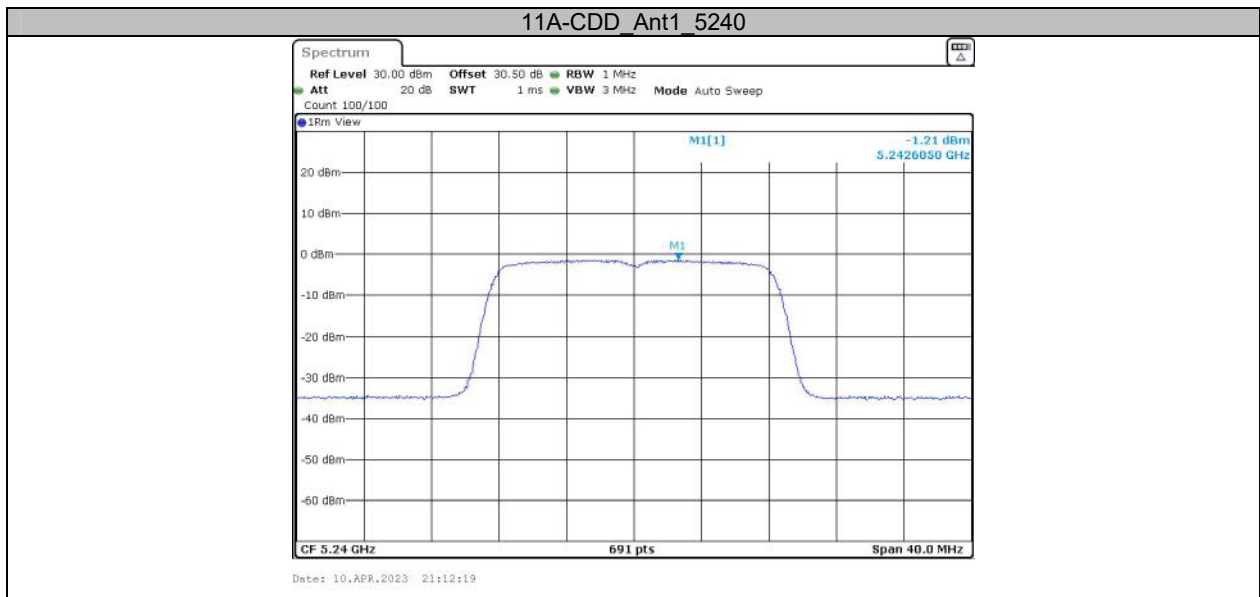
$Directional\ Gain = 3.92dBi + 3dB = 6.92dBi > 6dBi$

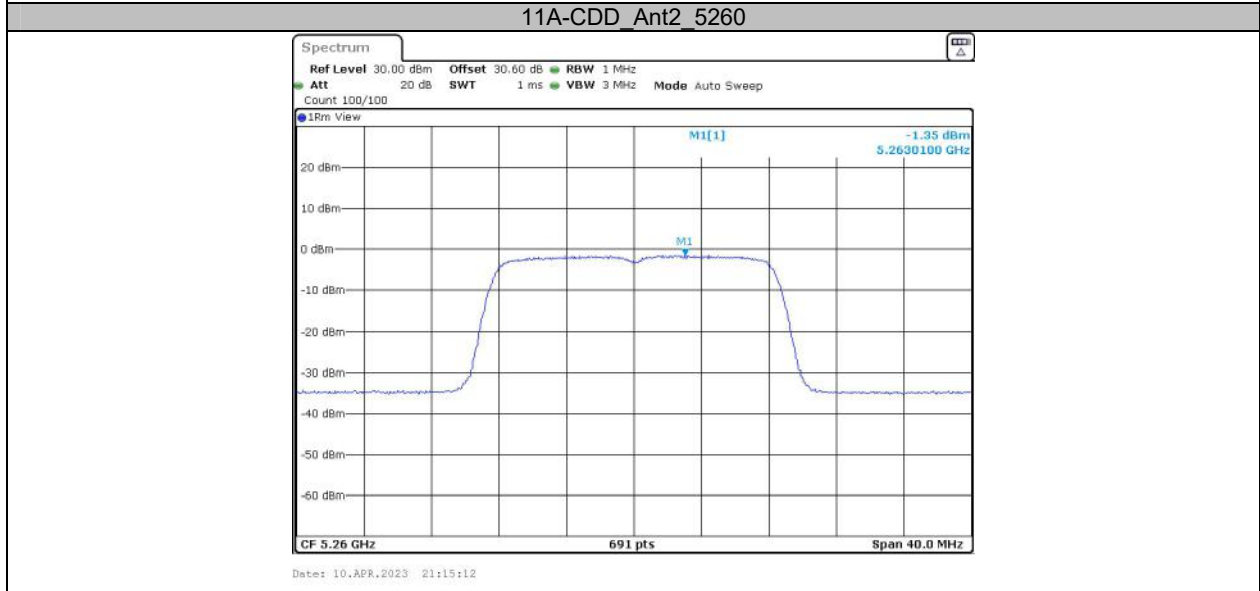
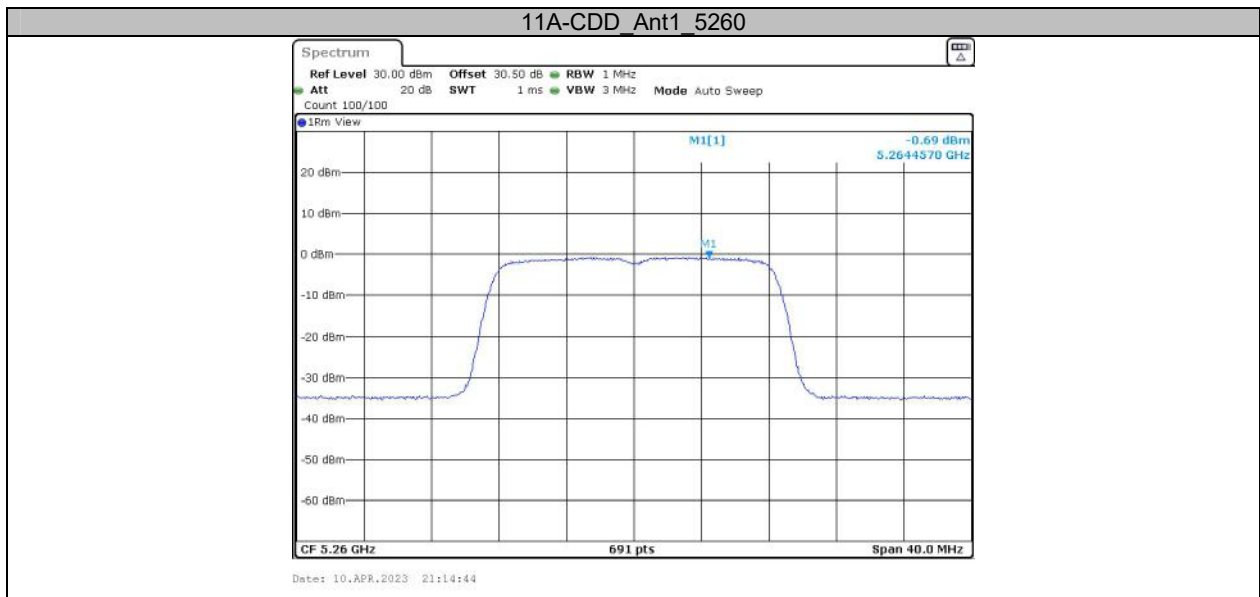
So the limit should be reduce $(6.92-6)dB = 0.92dB$

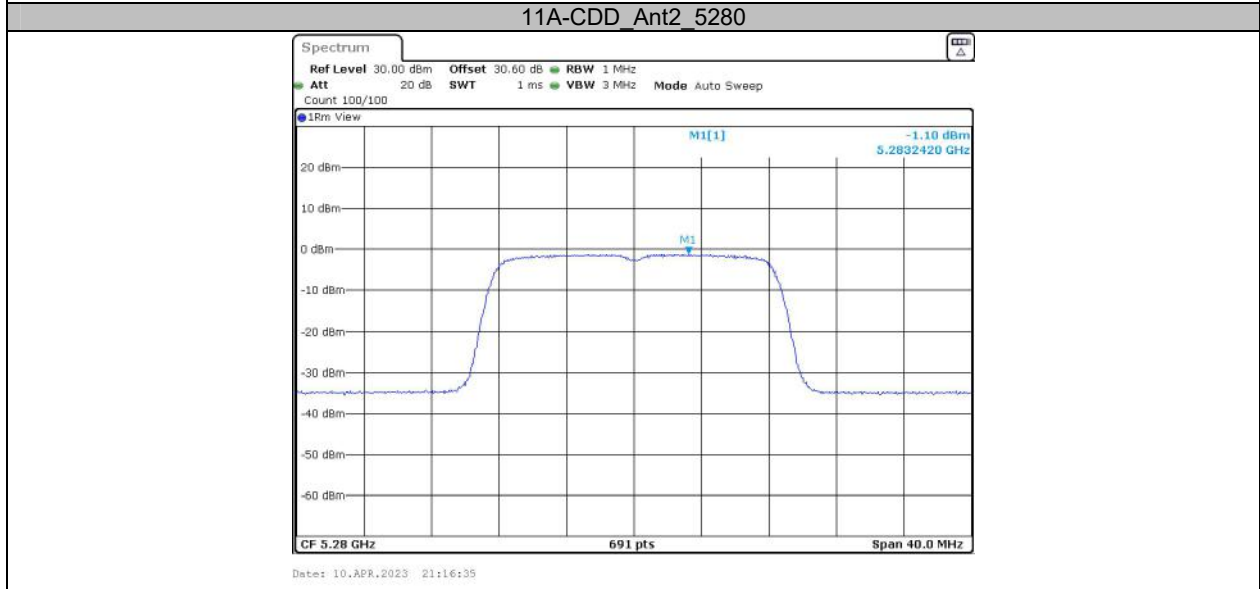
Test Graphs

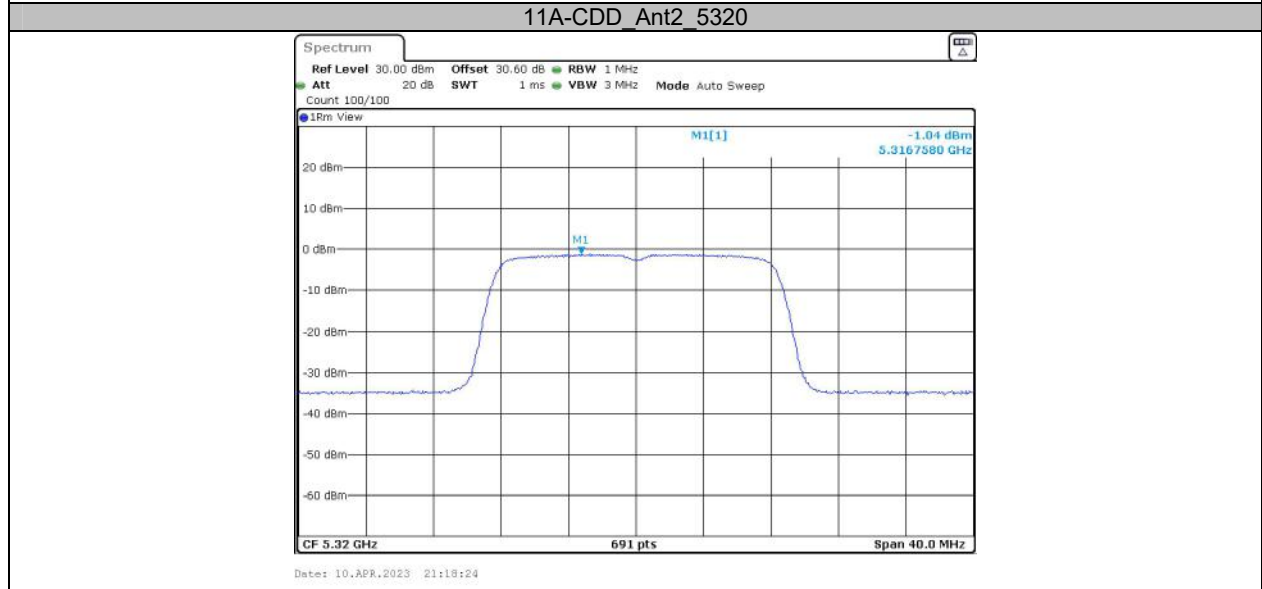
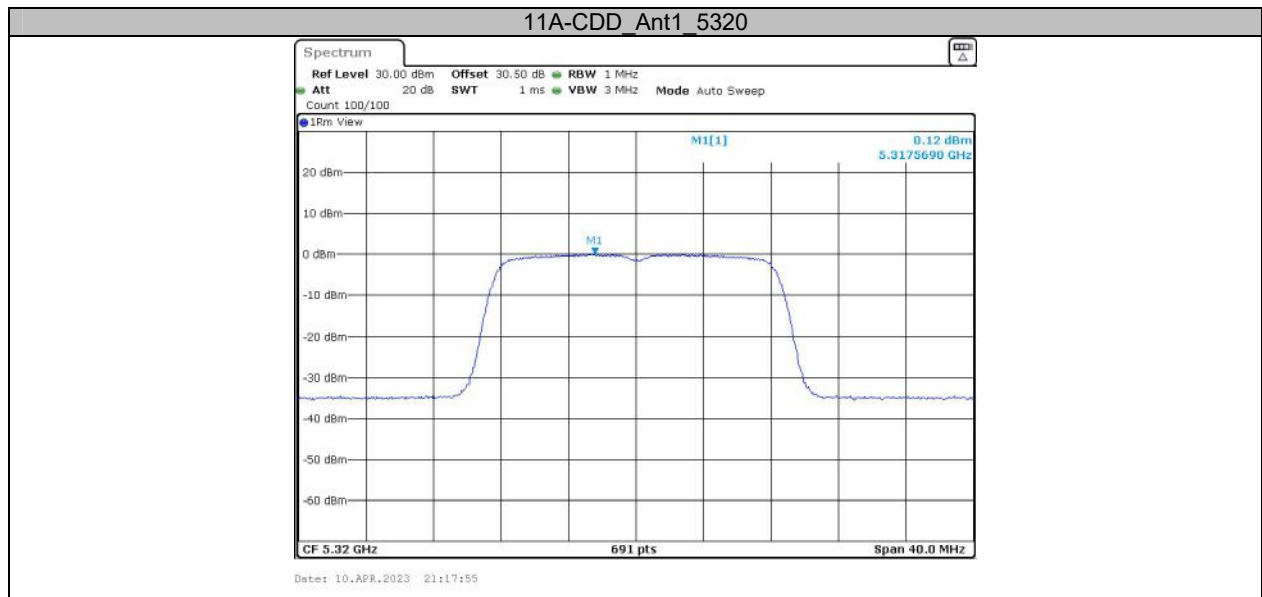


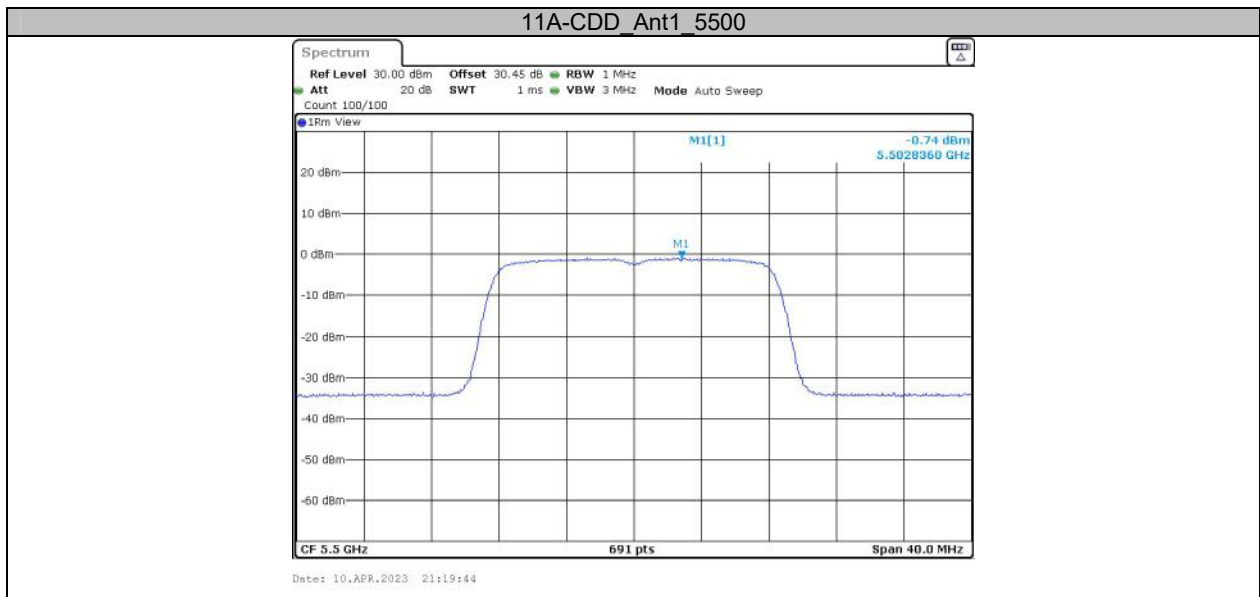


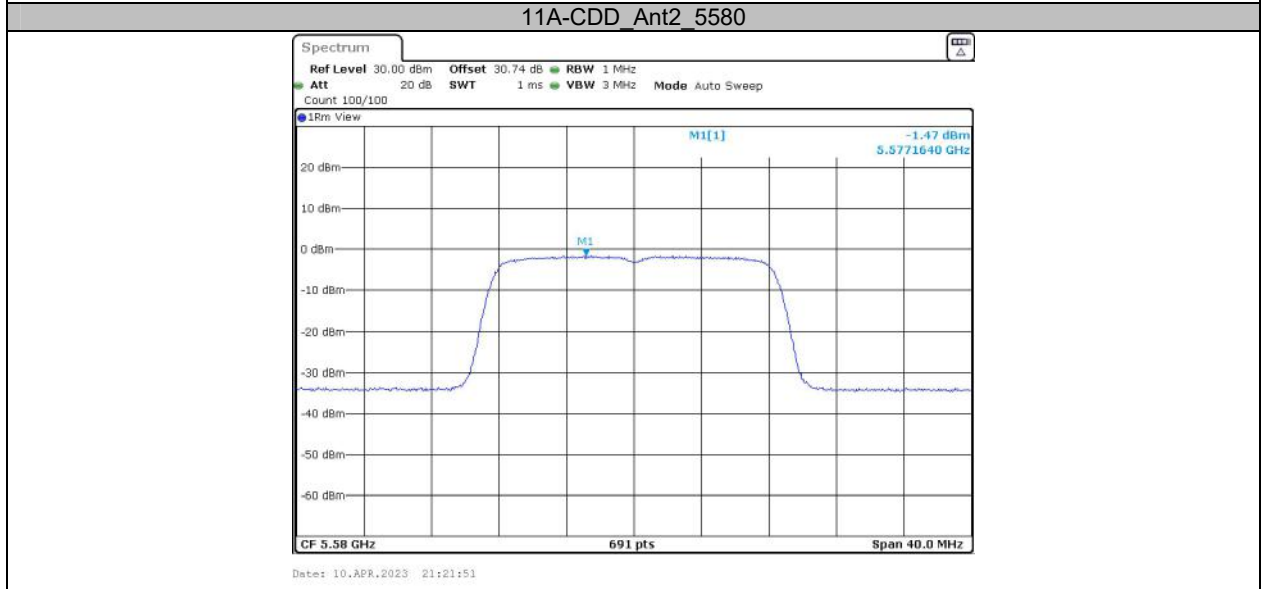


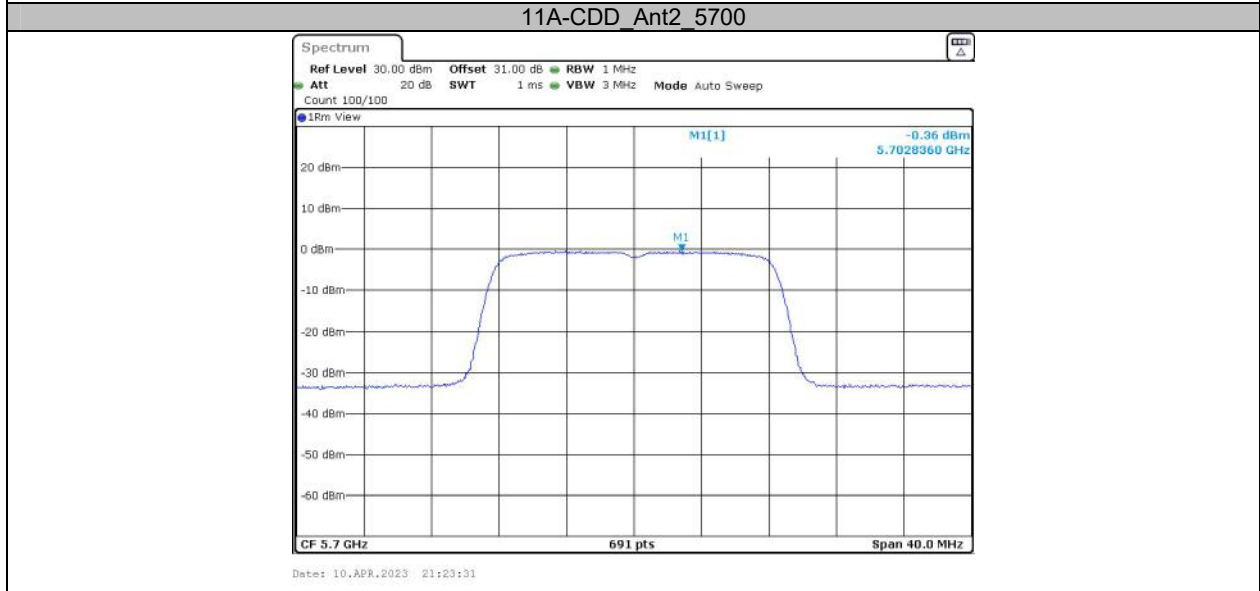
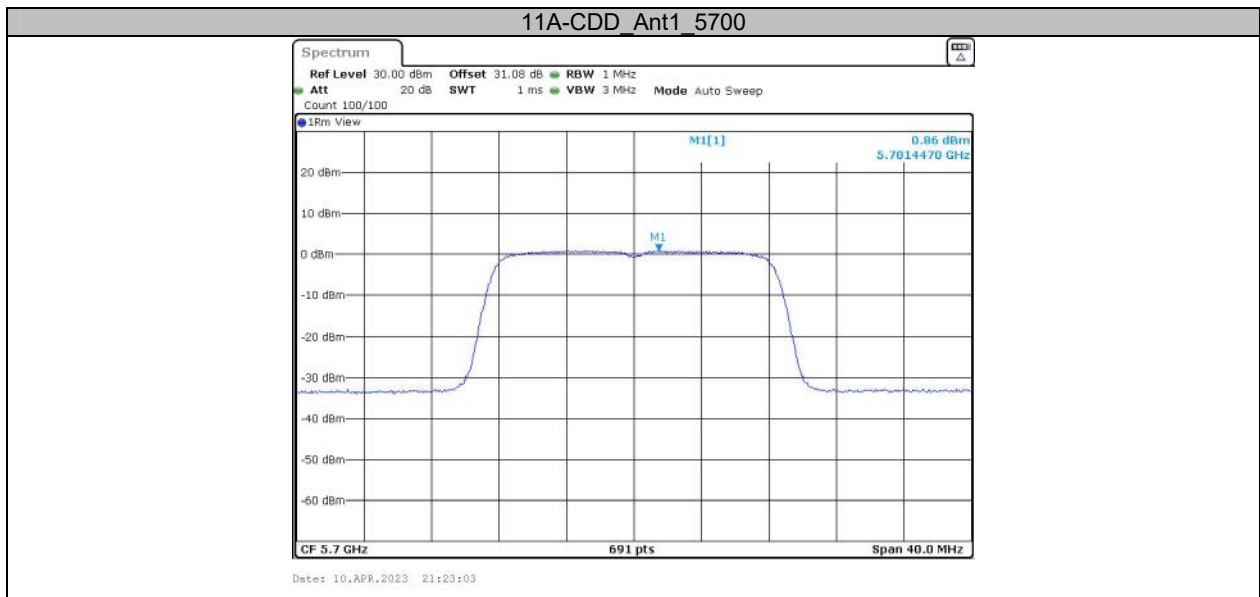








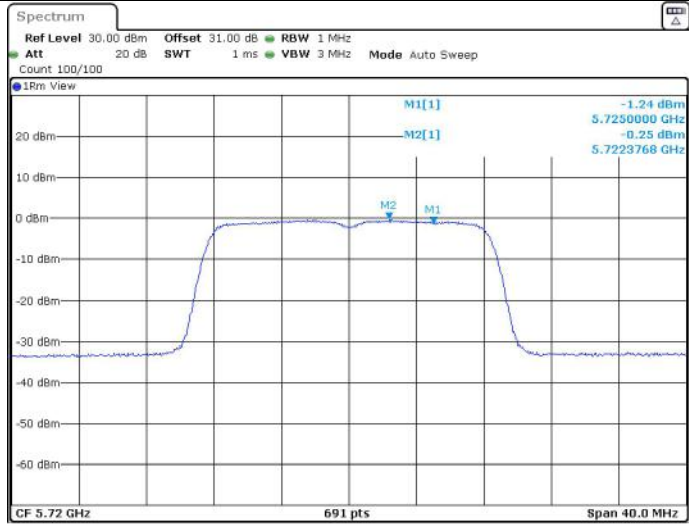


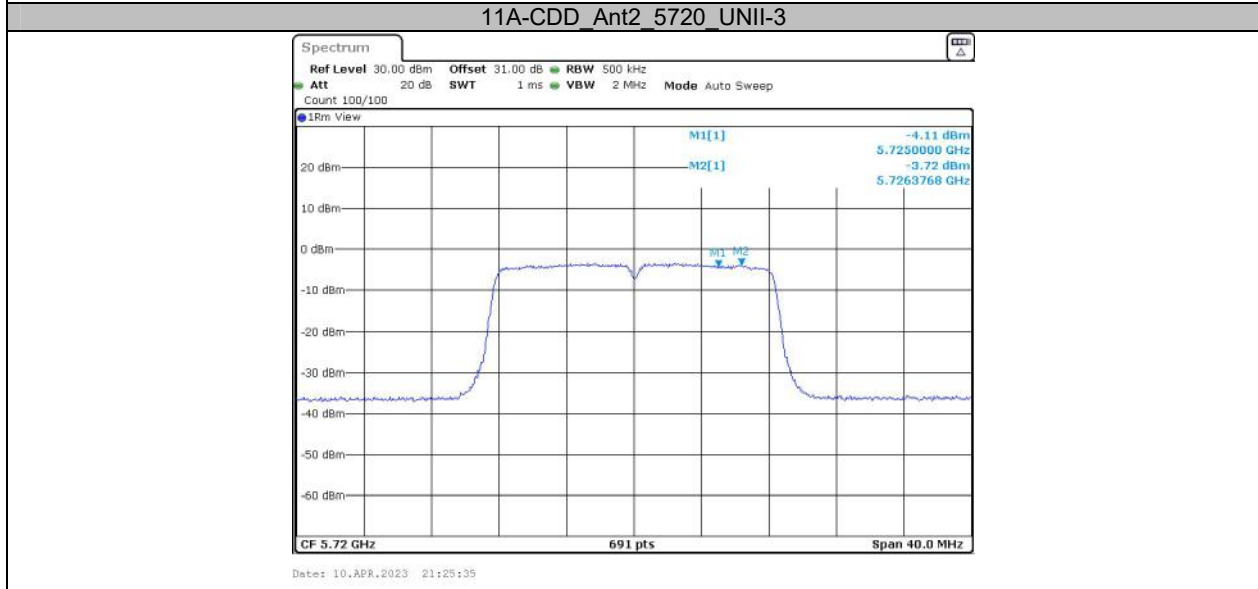
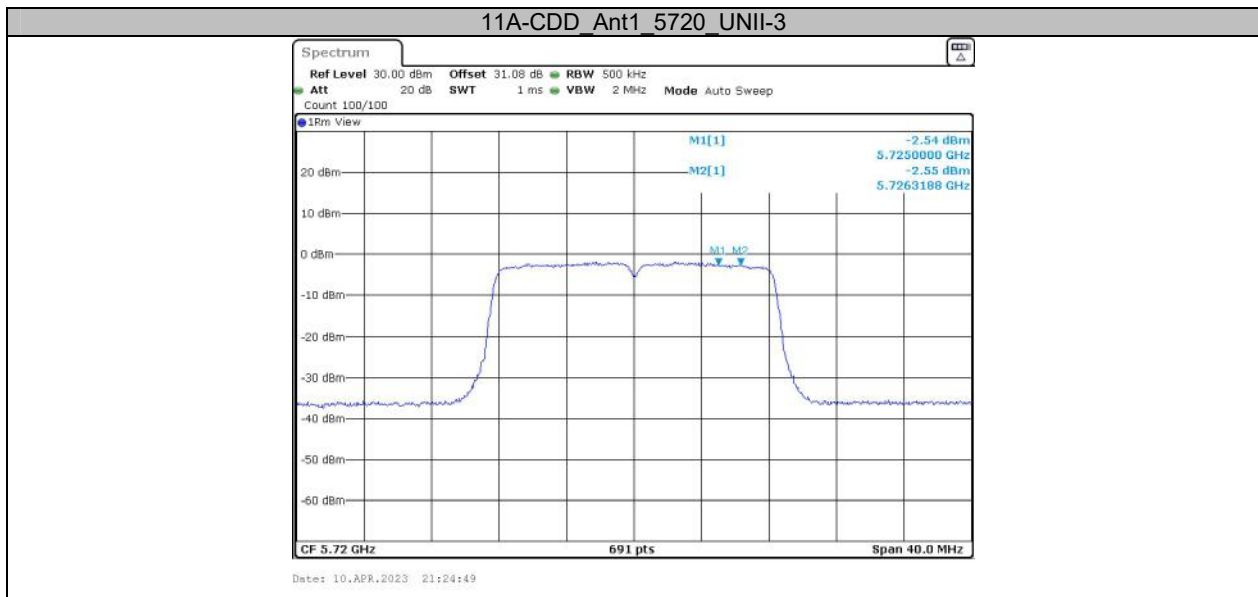


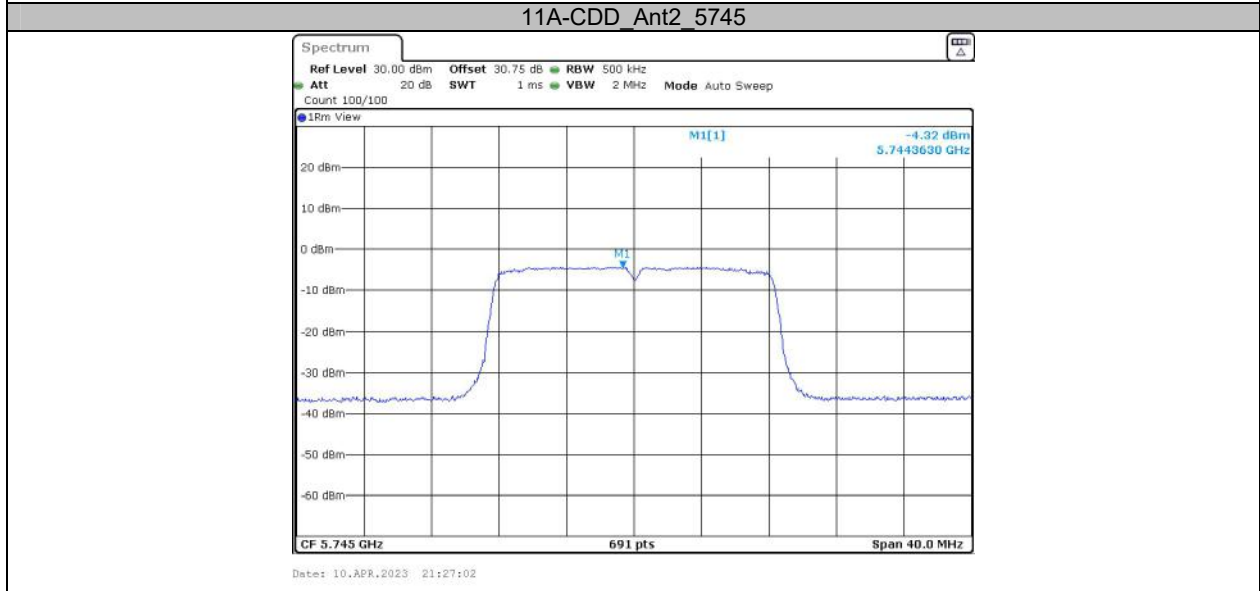
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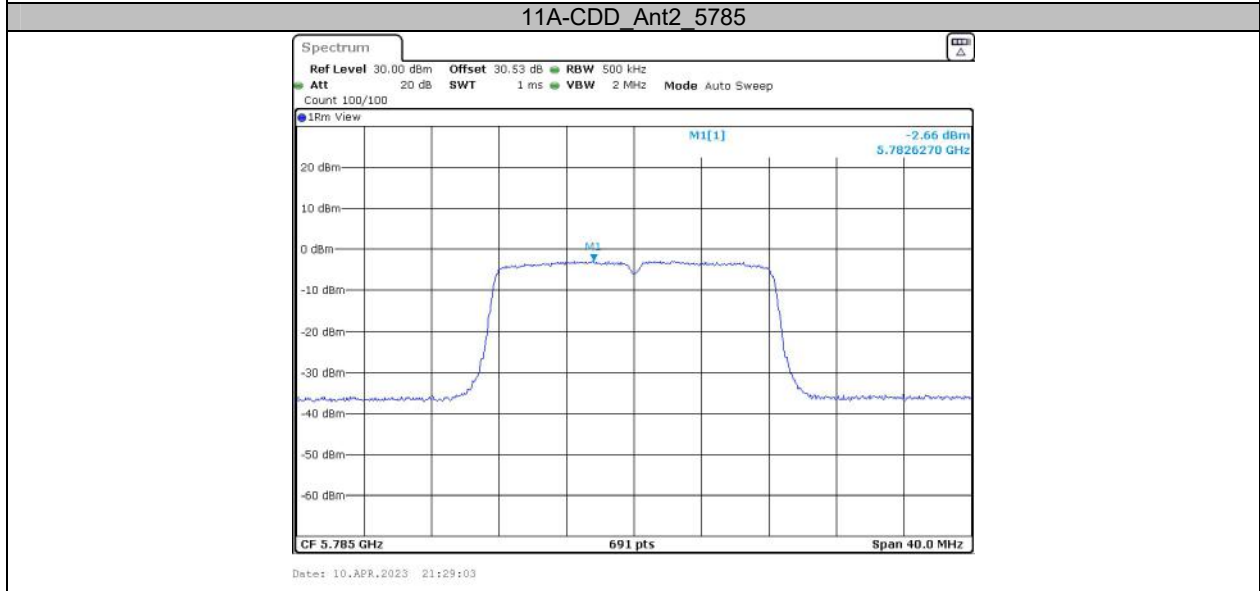


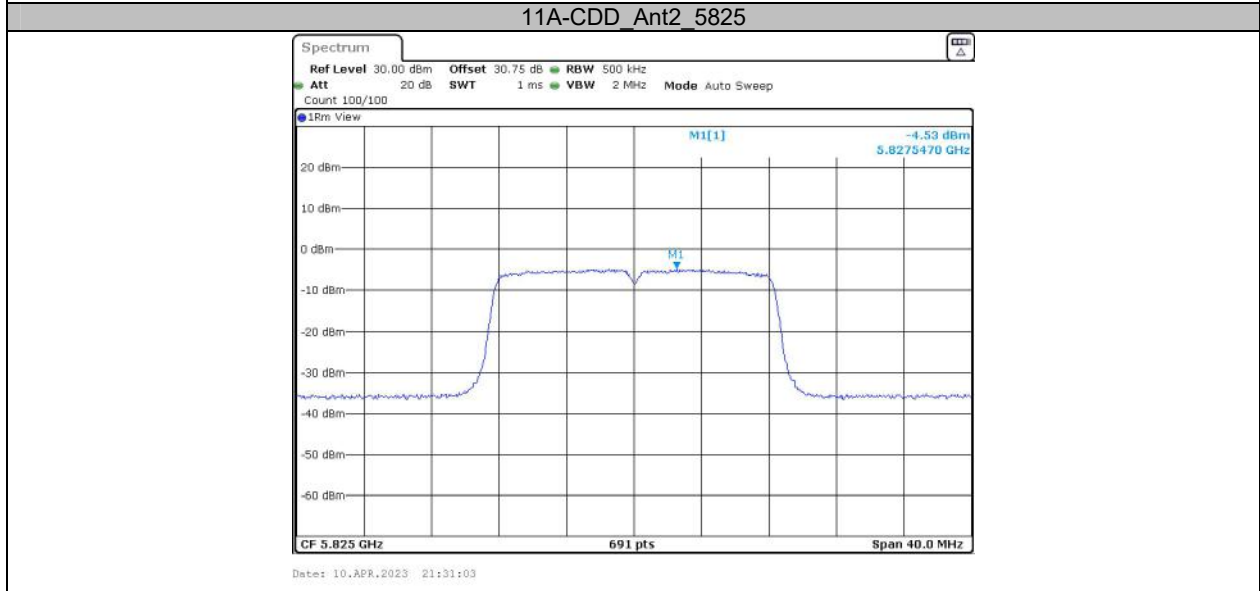
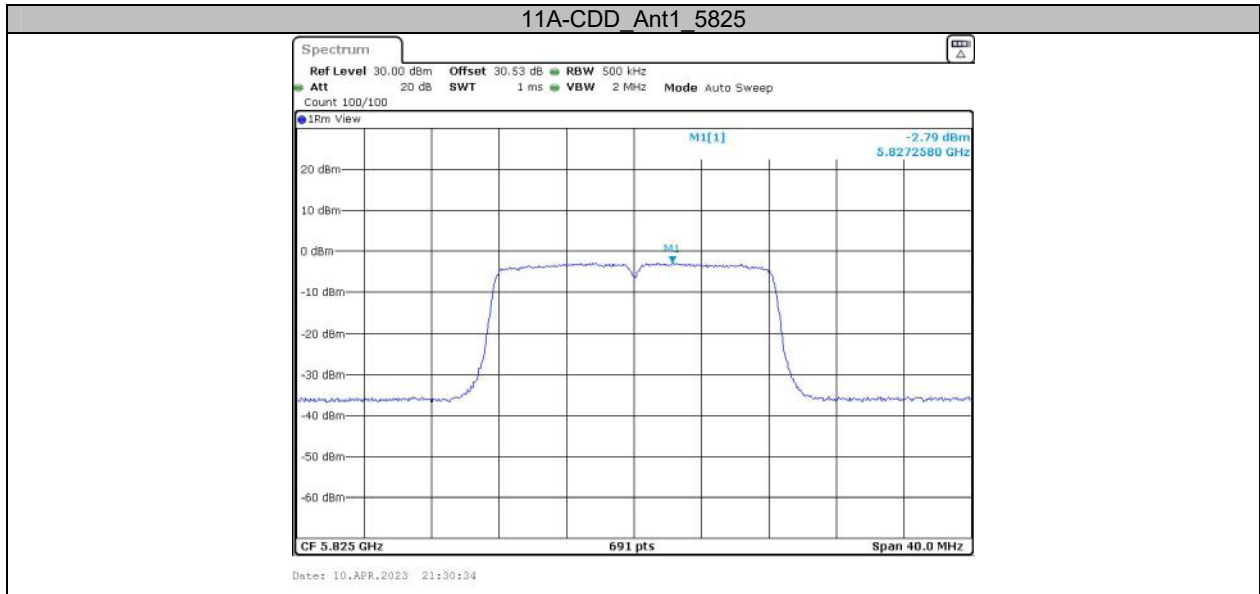
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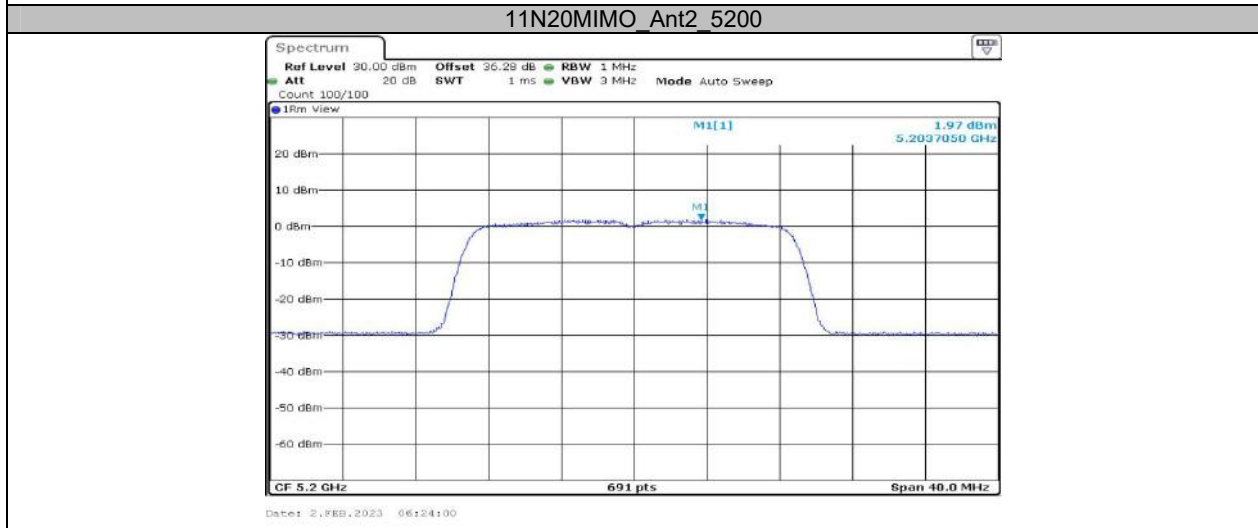


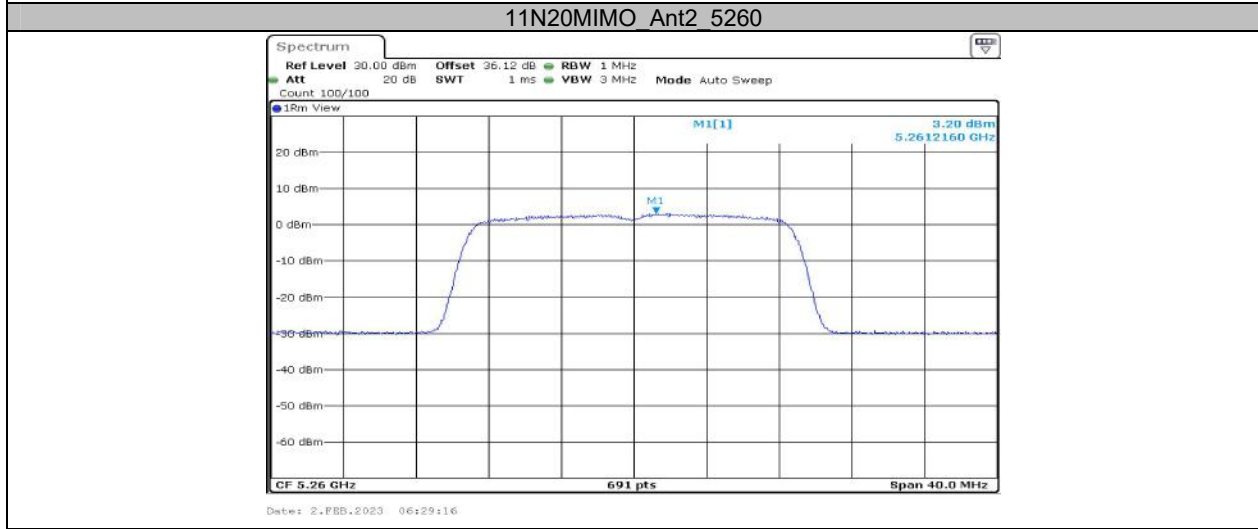






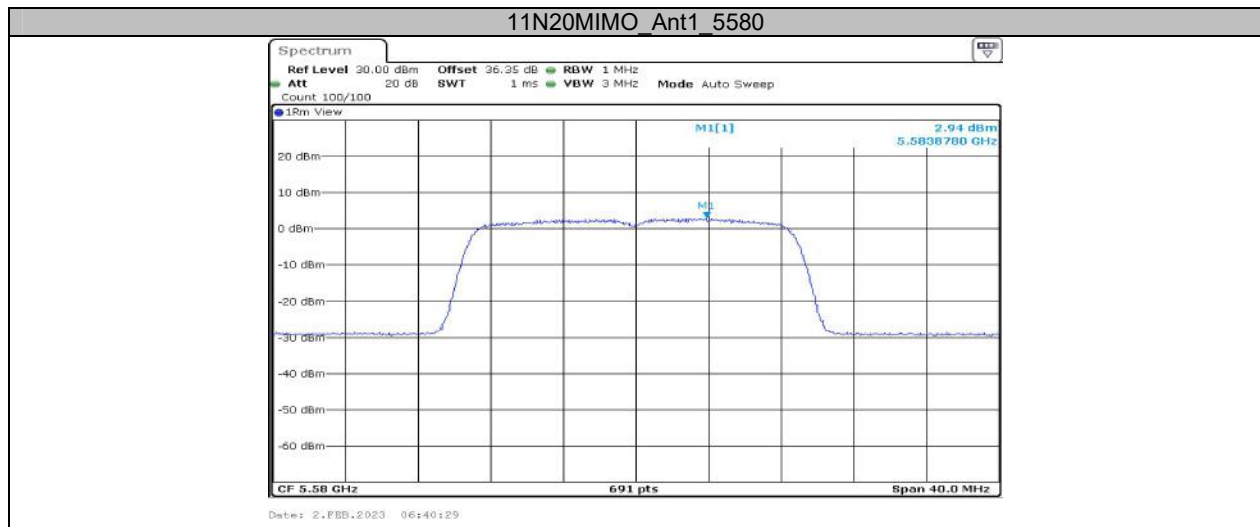


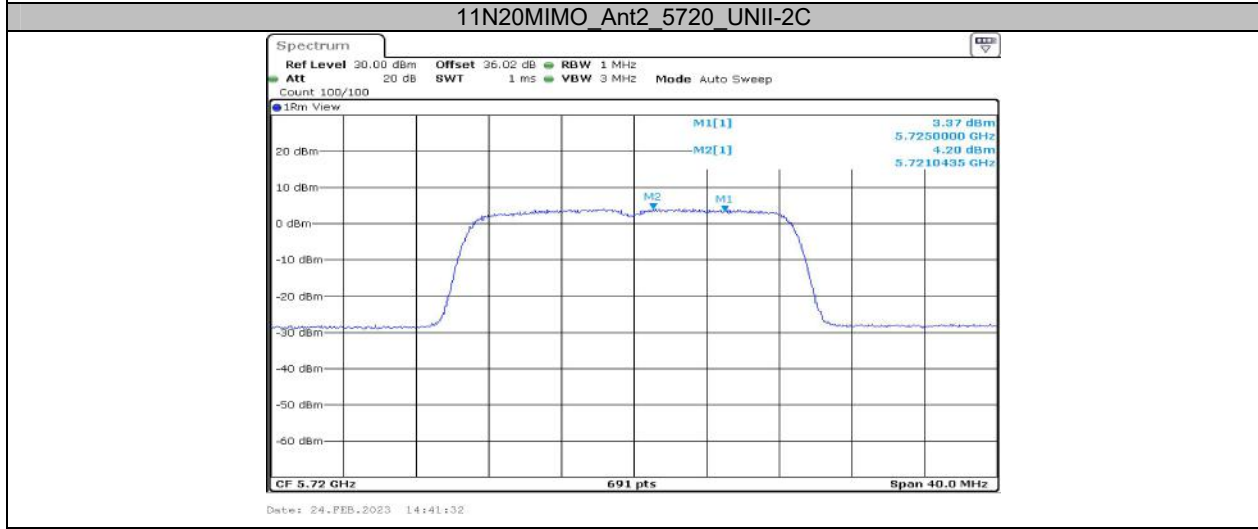
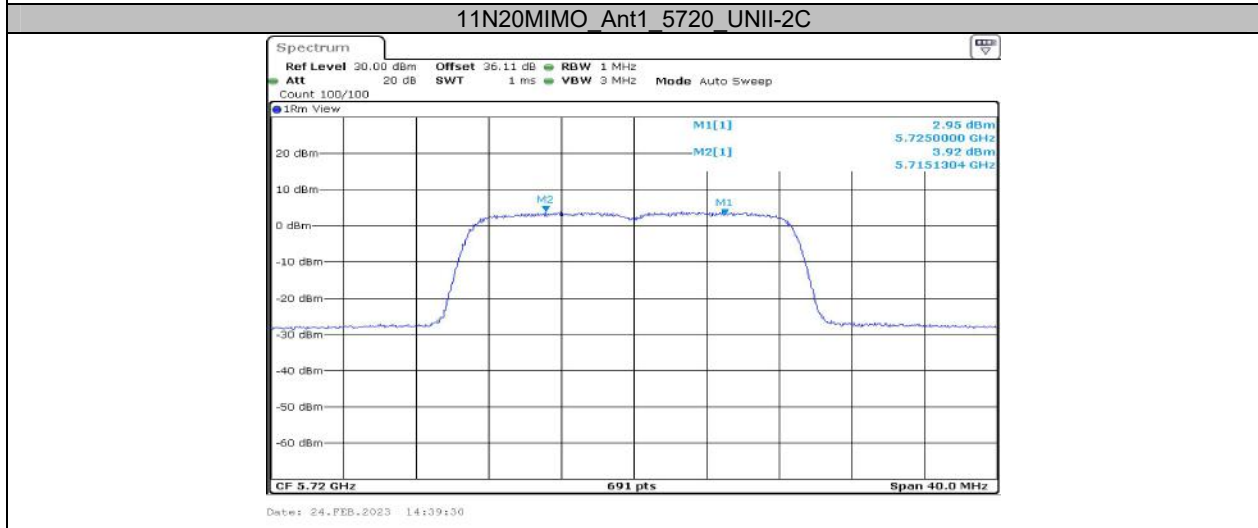


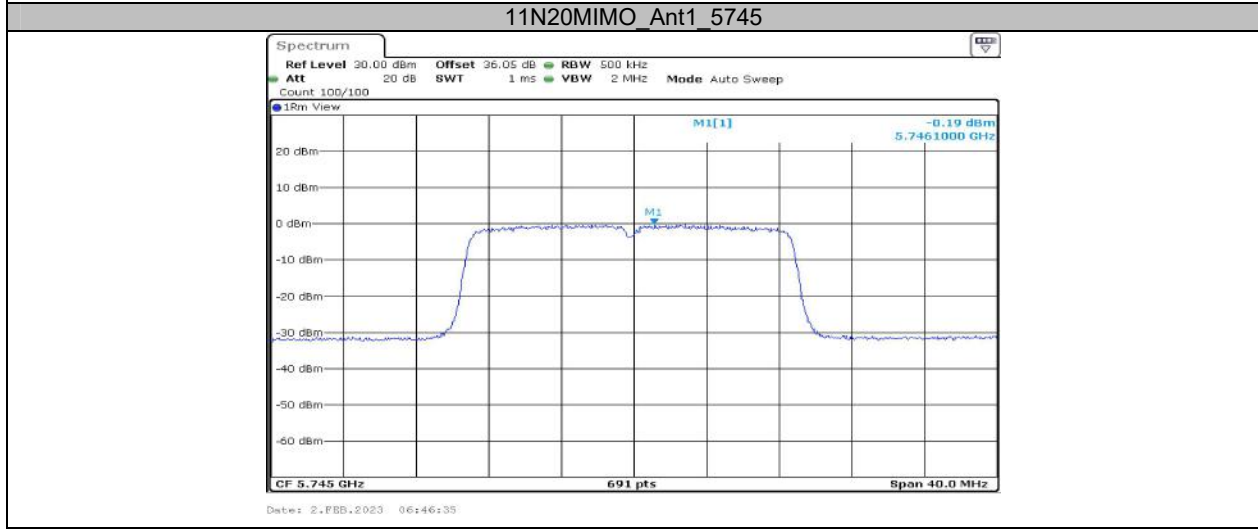
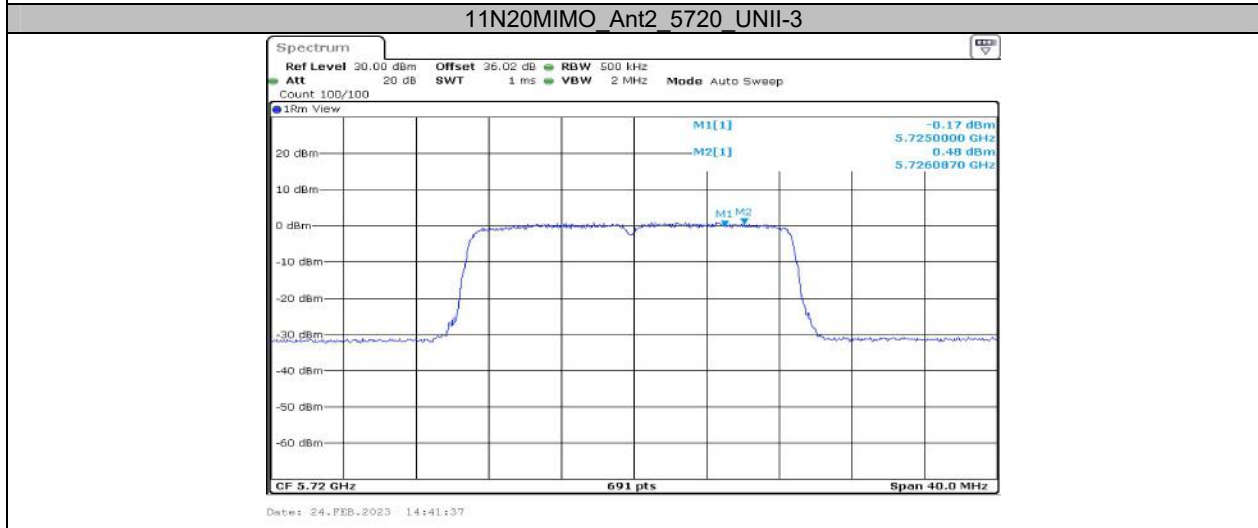
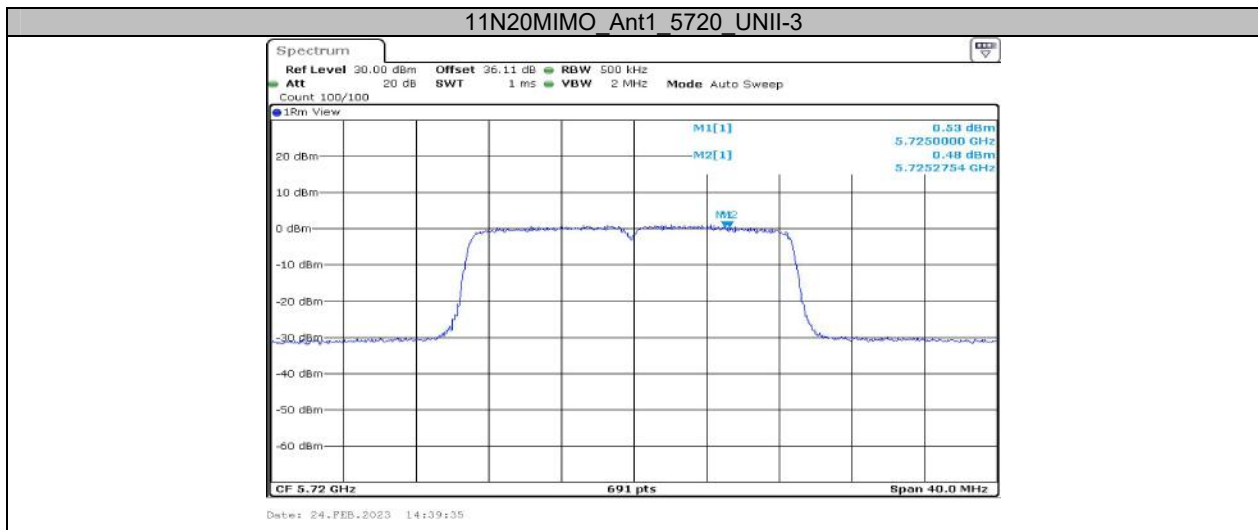


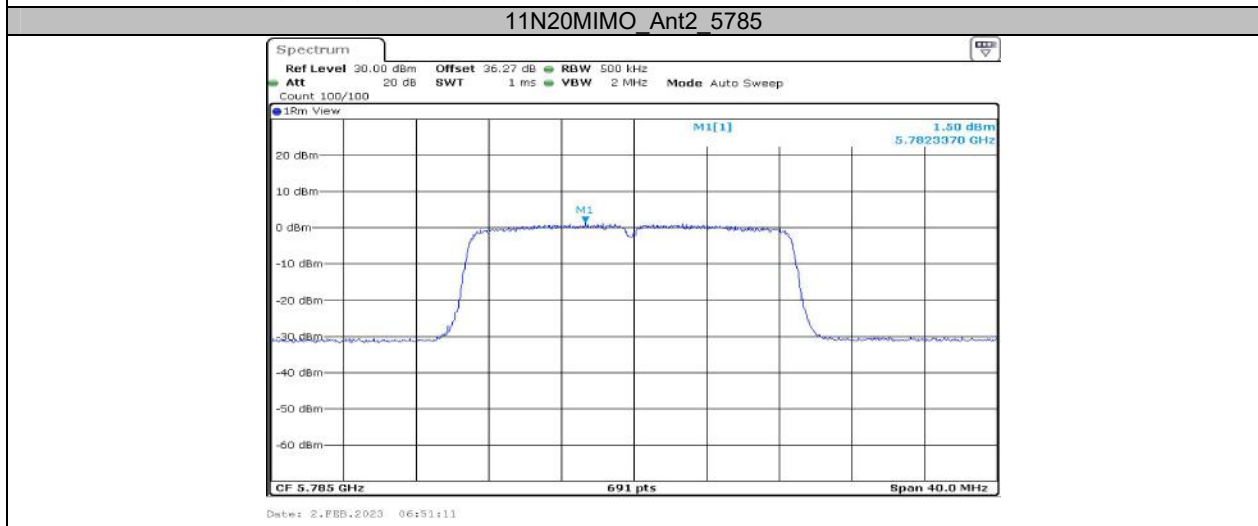
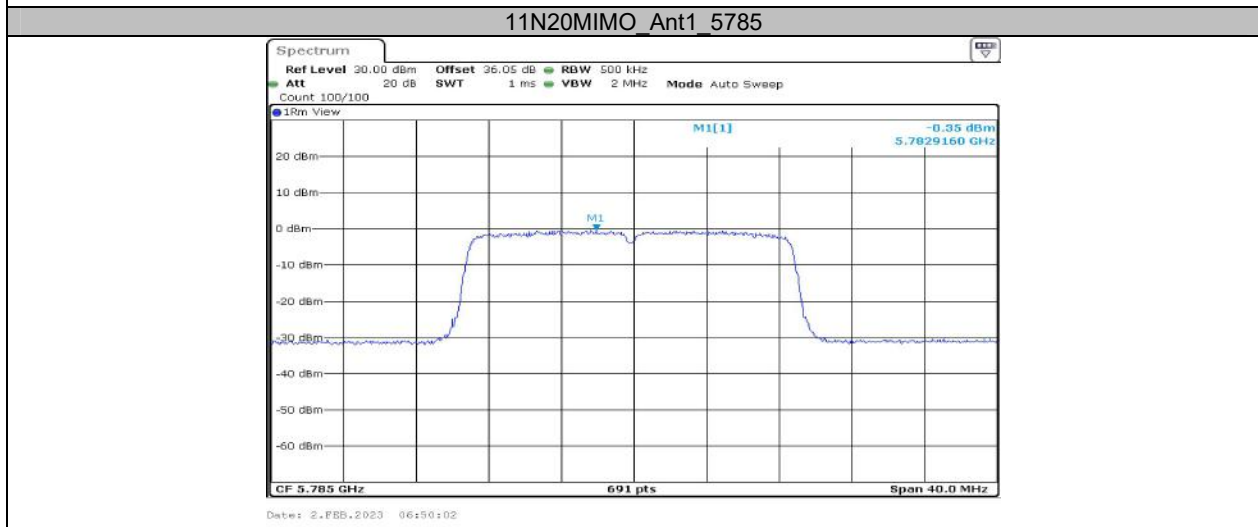


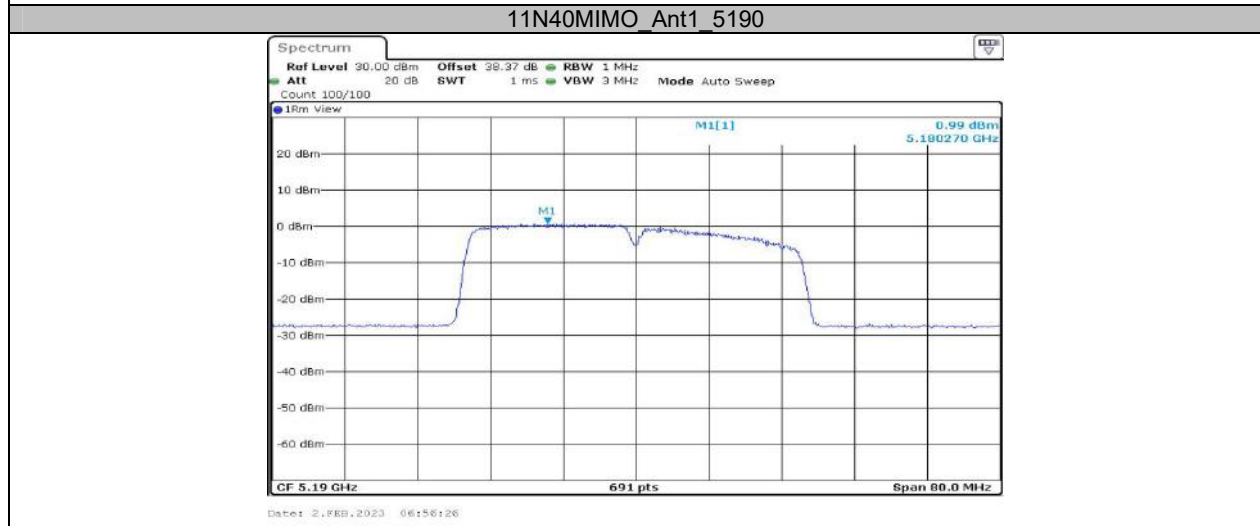
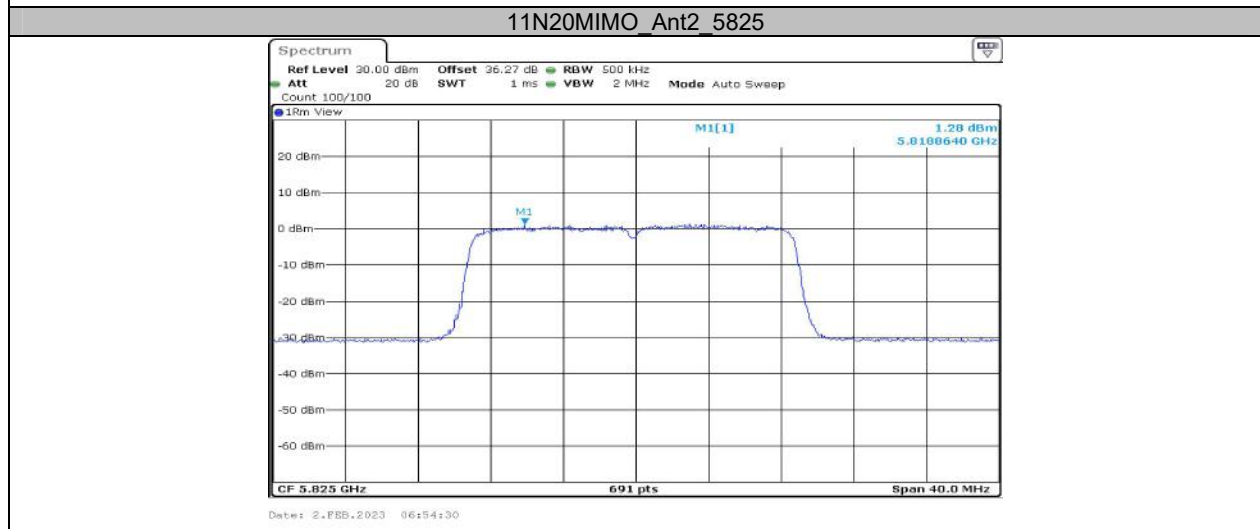
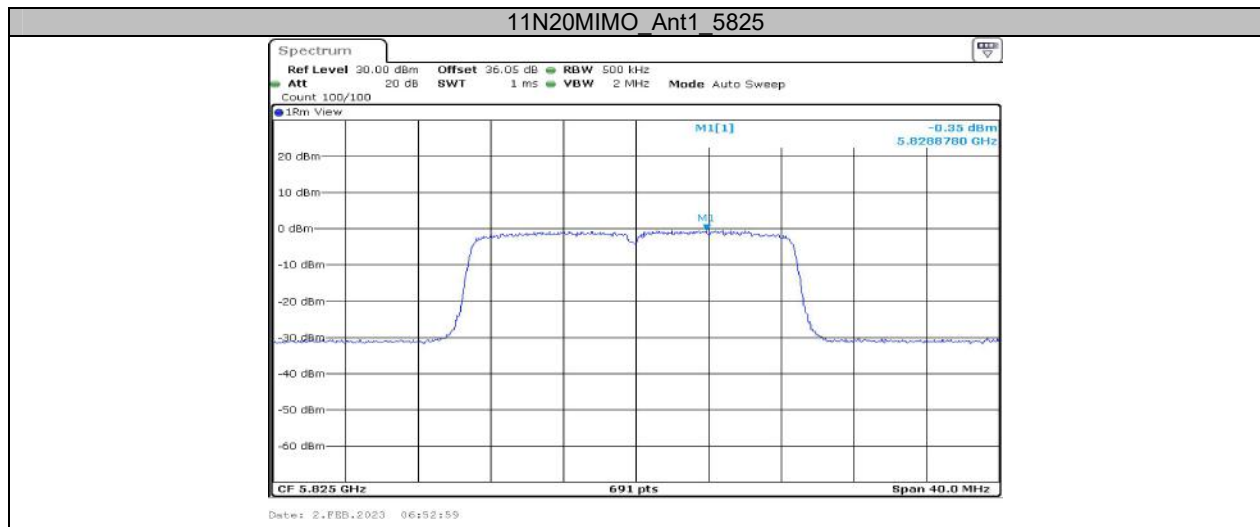


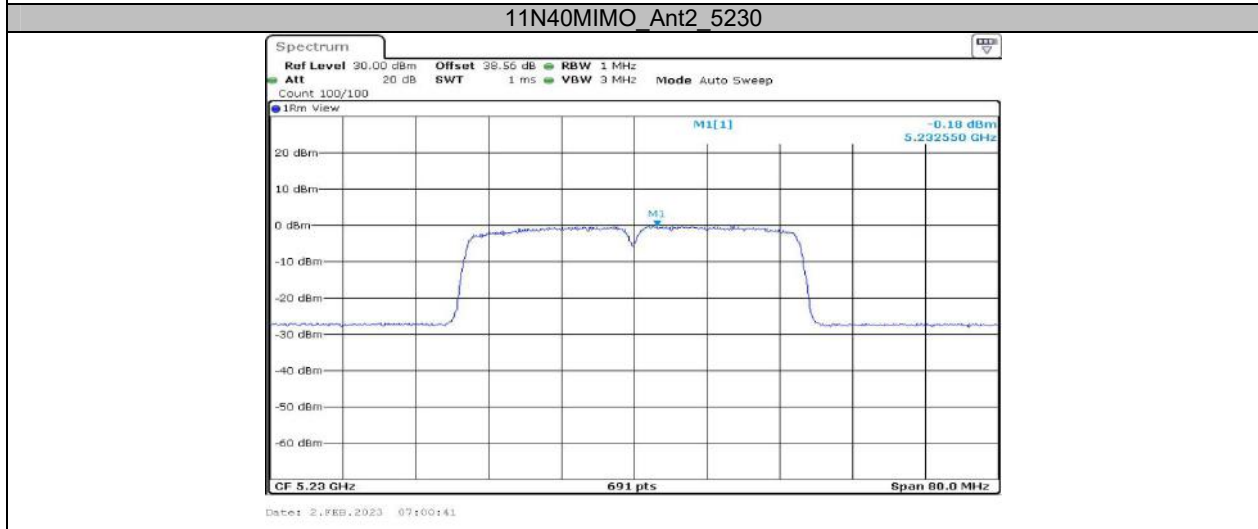
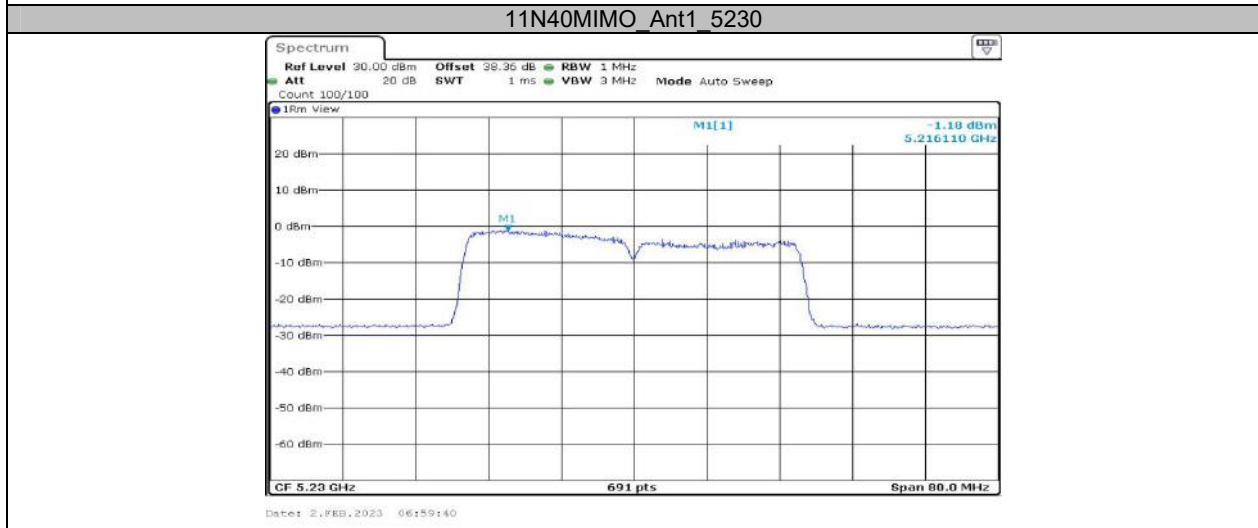
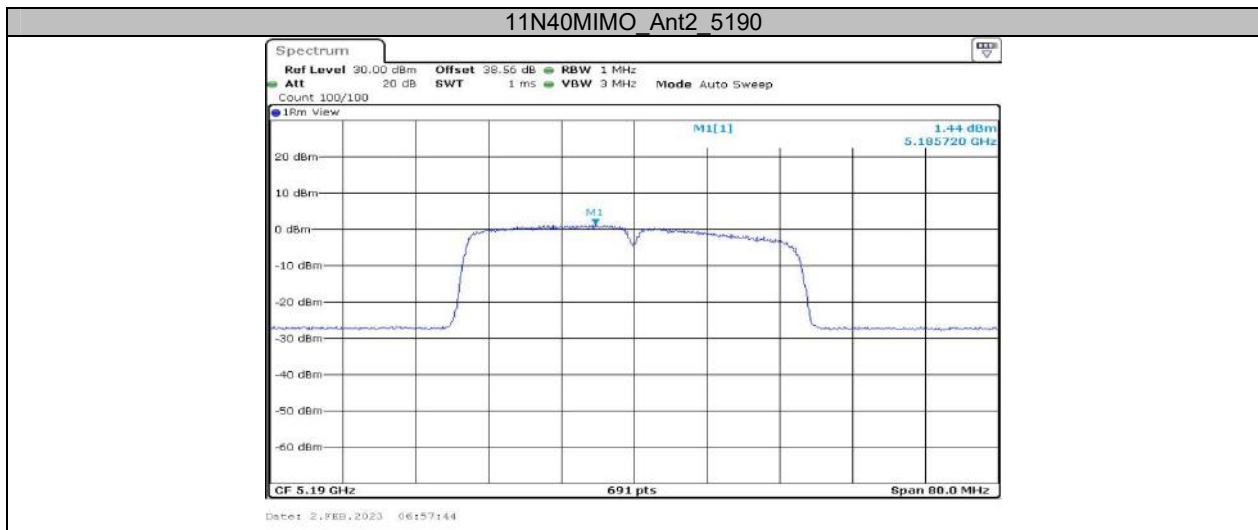


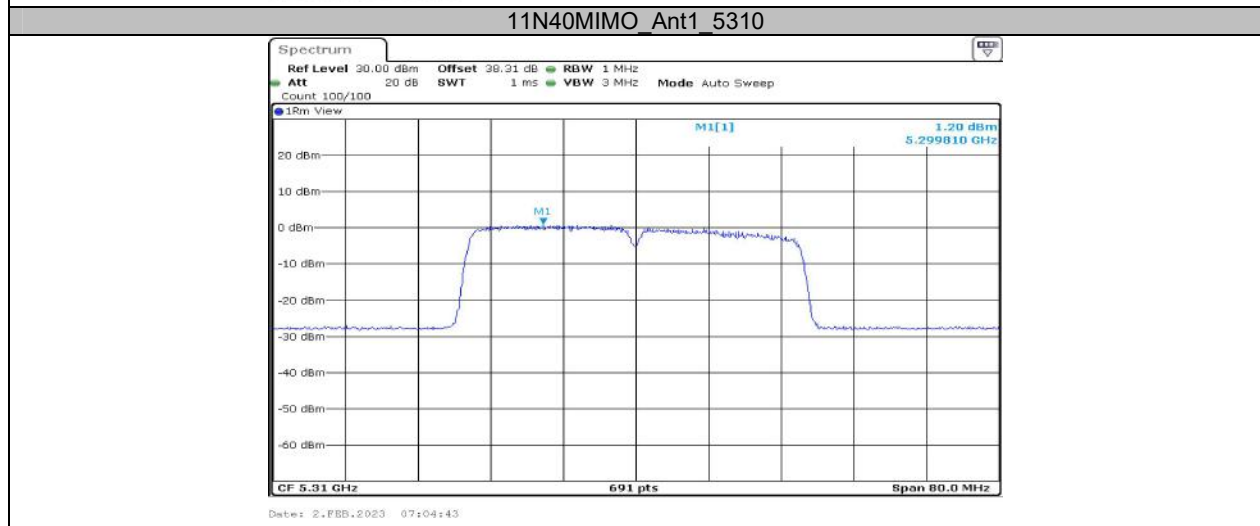


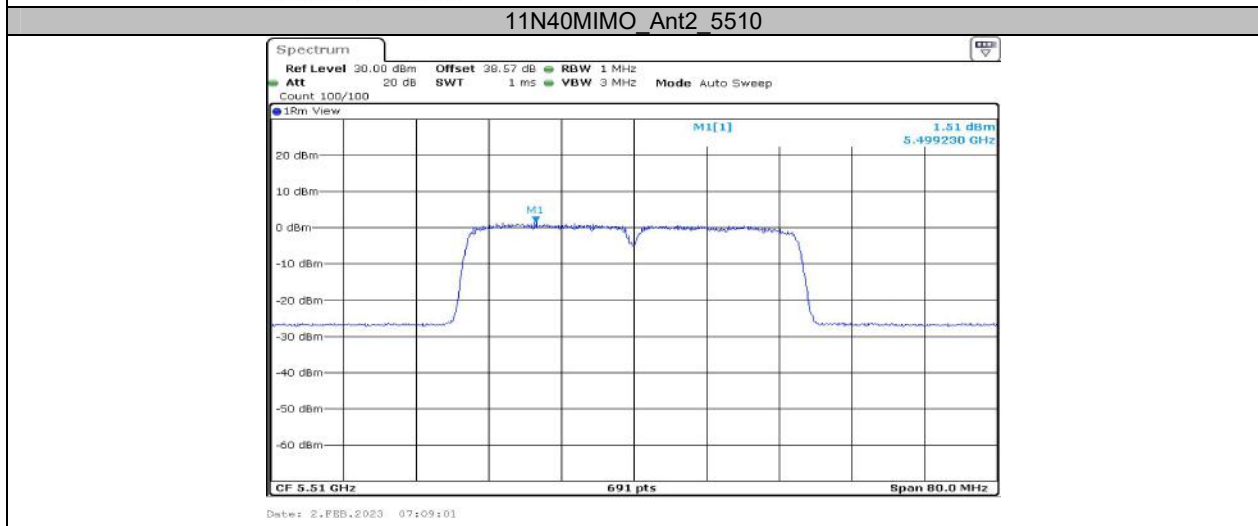
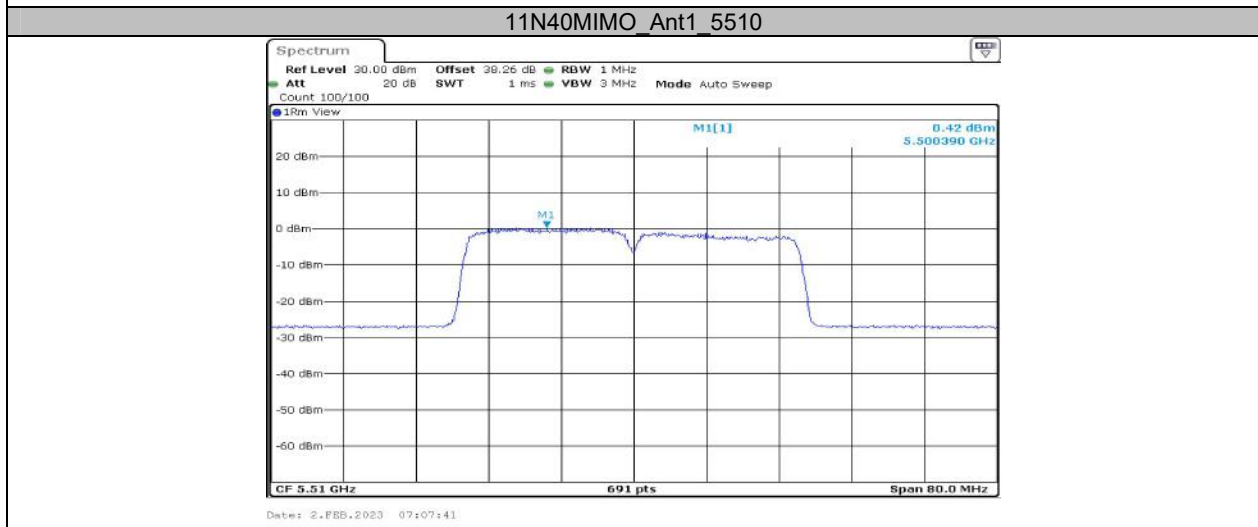


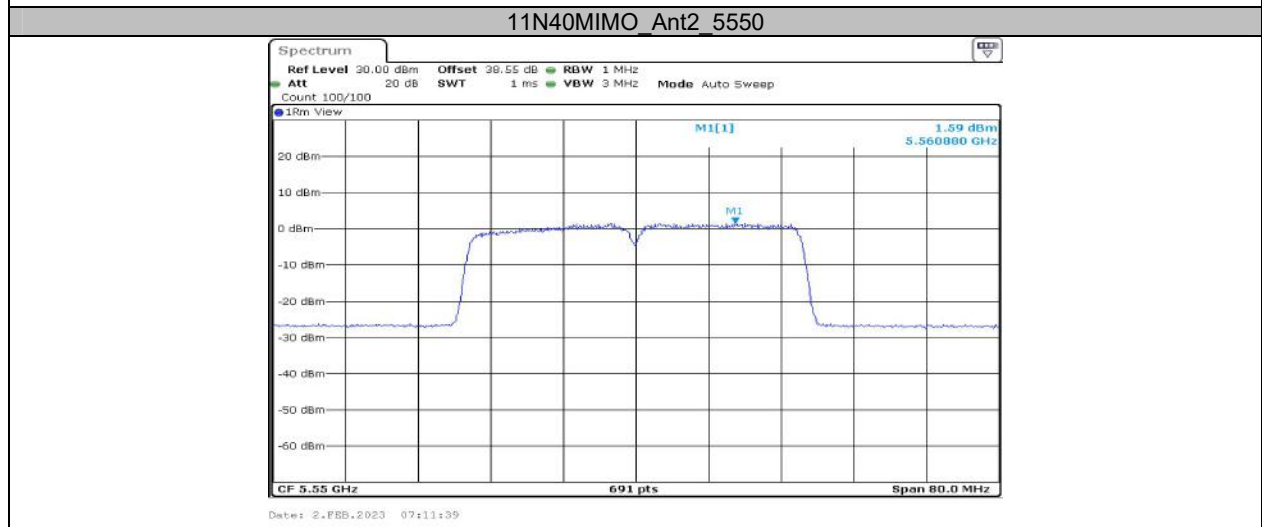
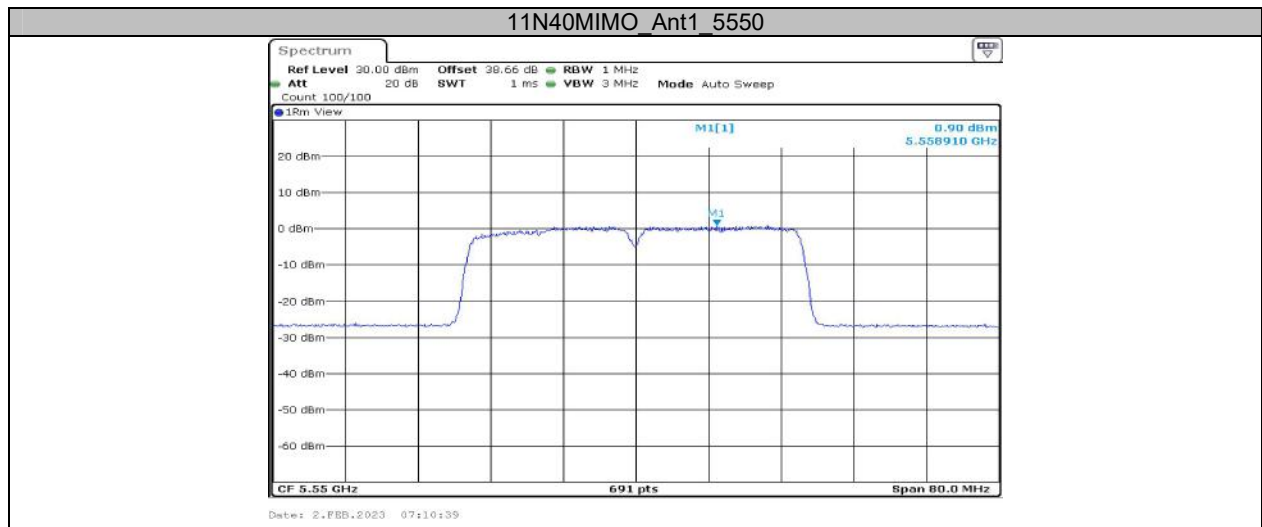


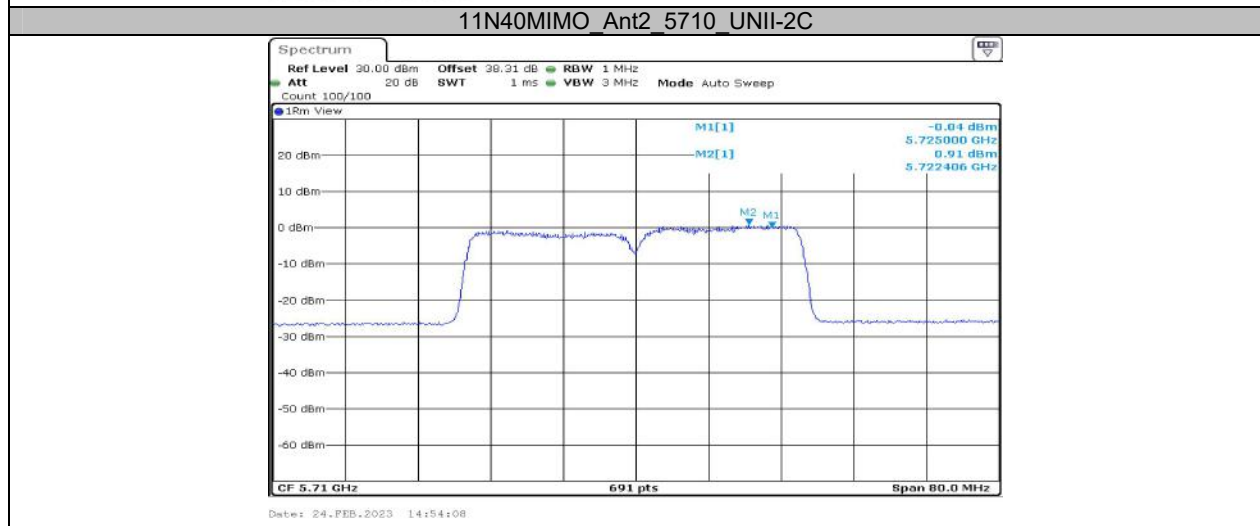
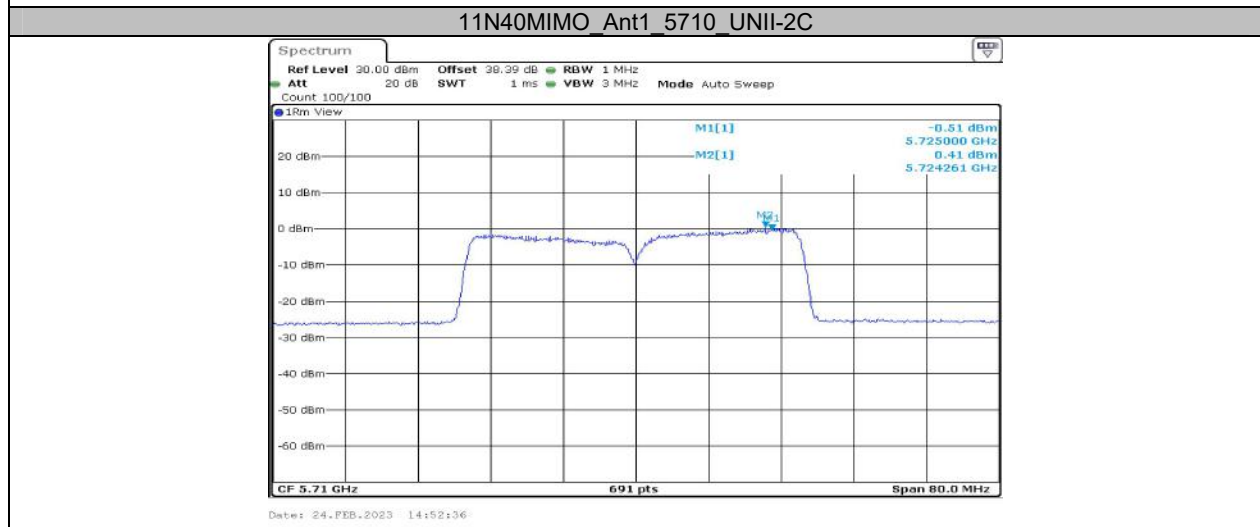


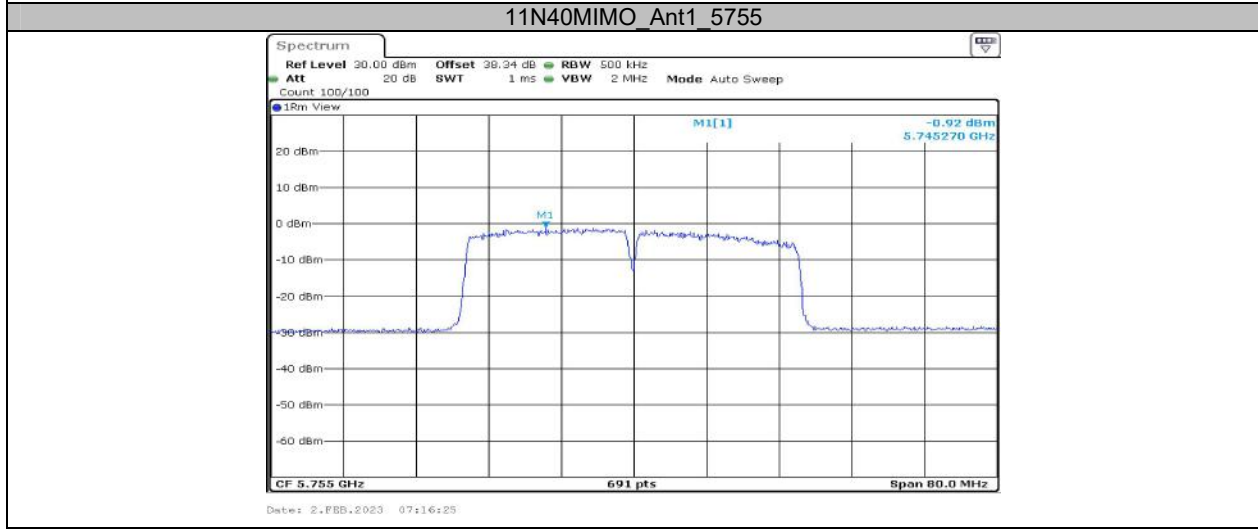
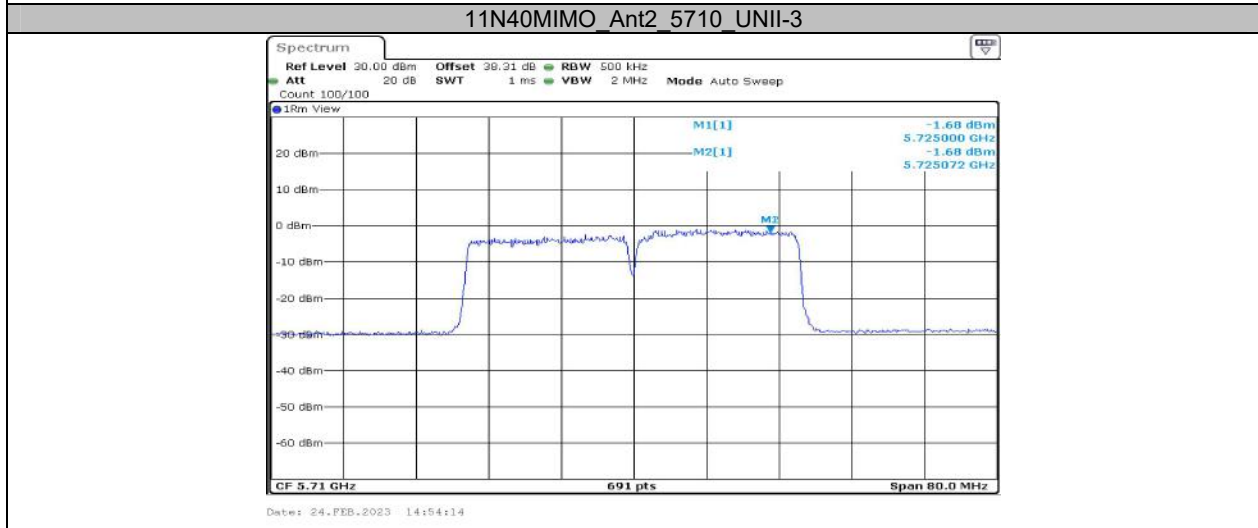
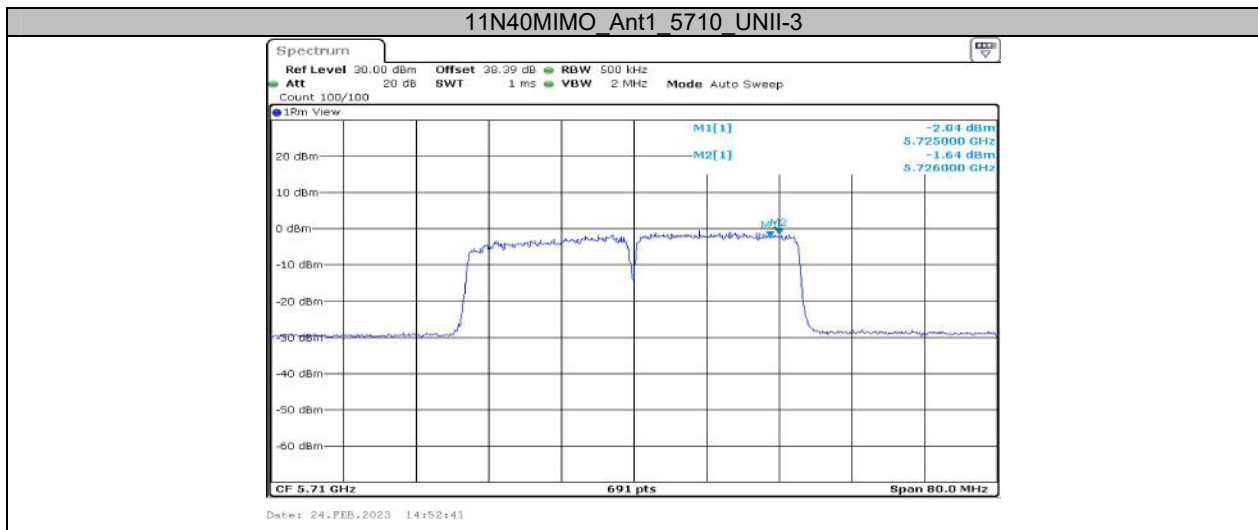


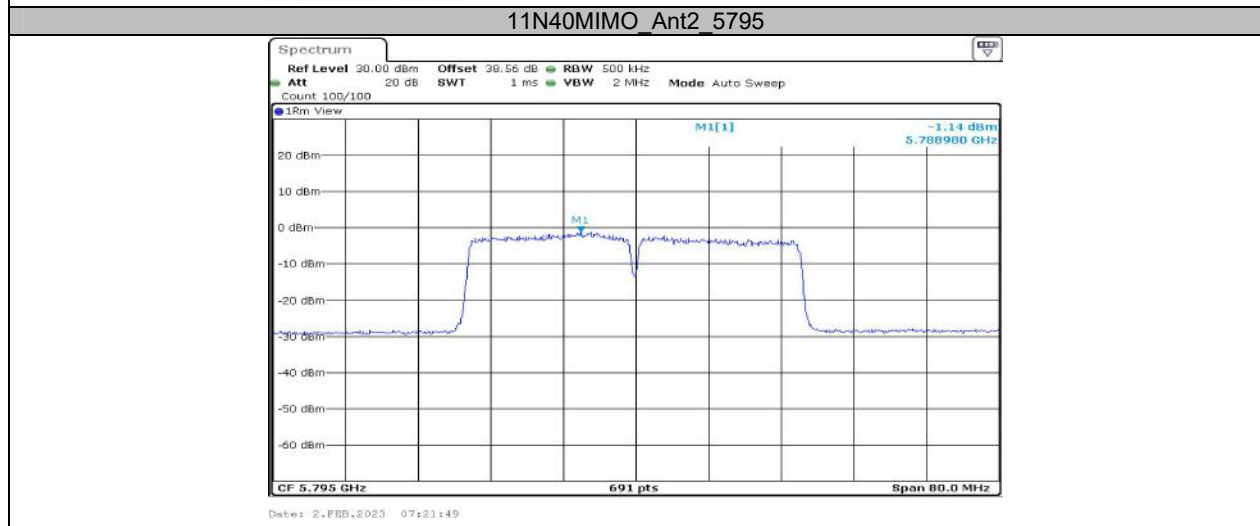
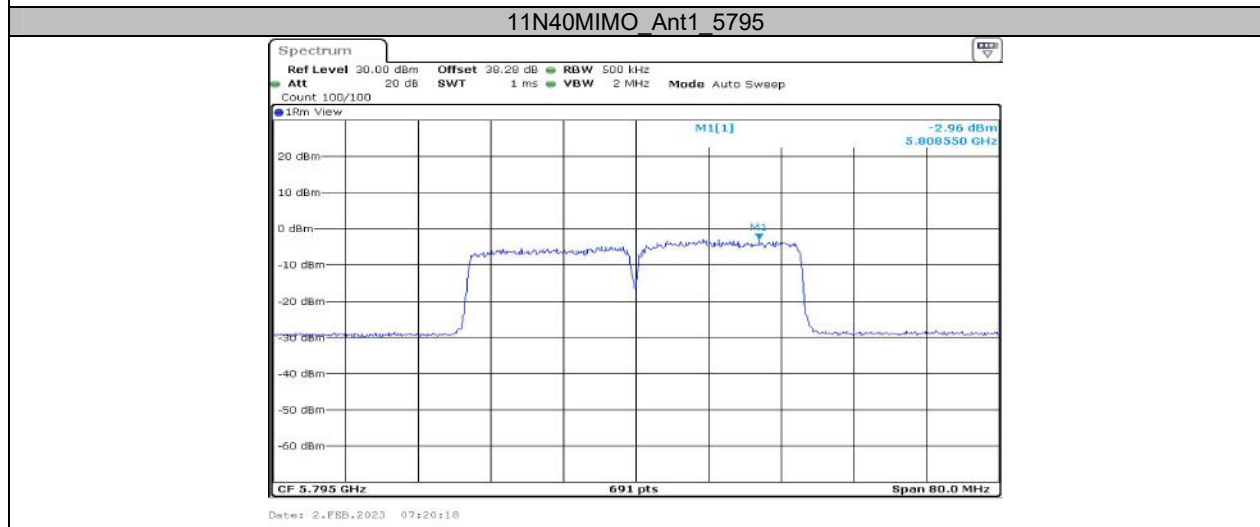
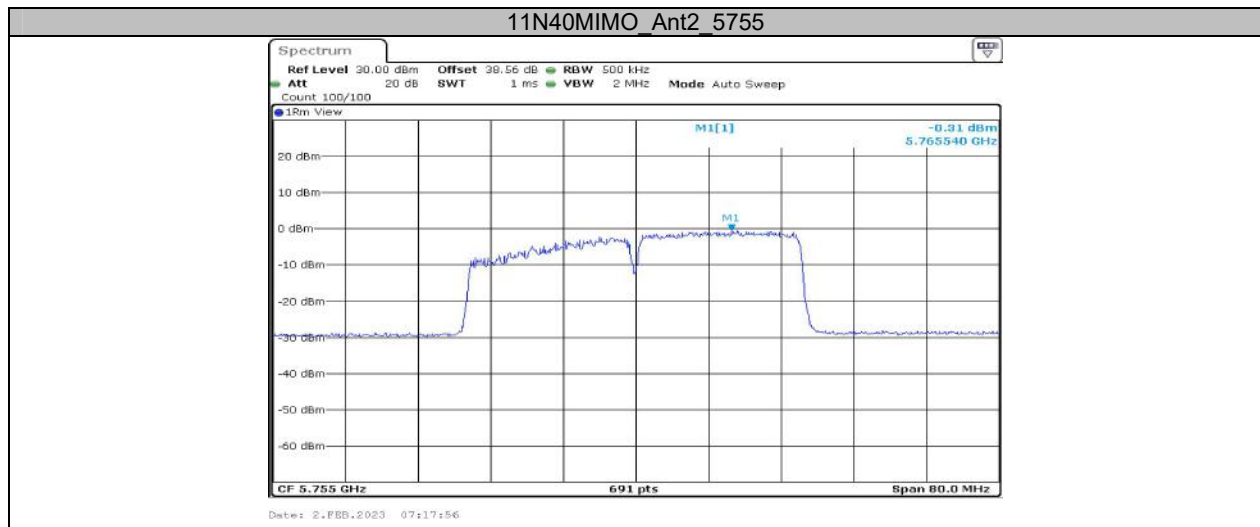












11AC20MIMO Ant1 5180



Date: 2.FEB.2023 07:23:35

11AC20MIMO Ant2 5180

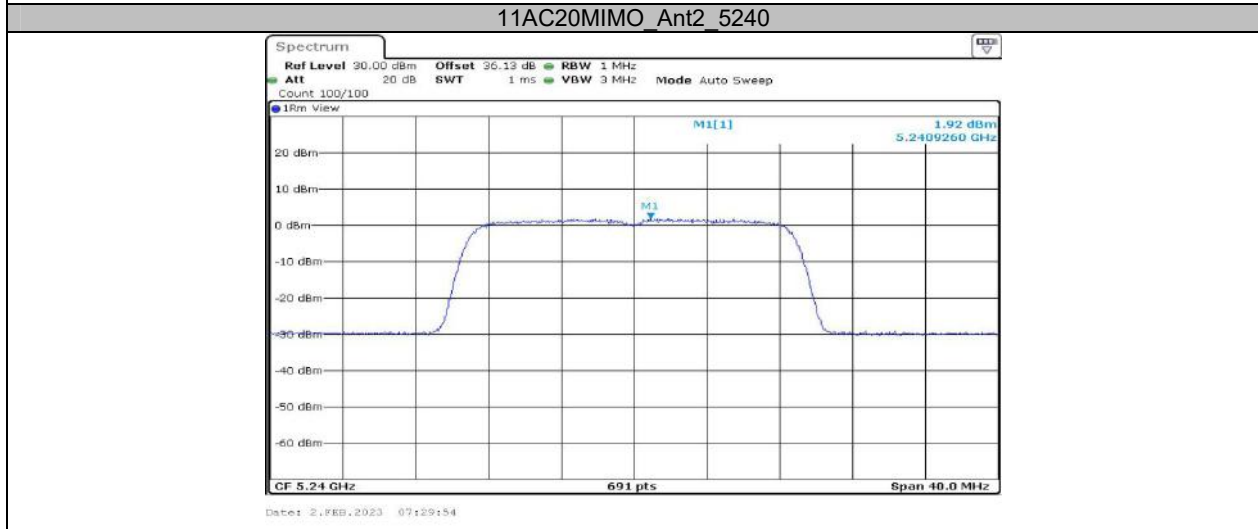
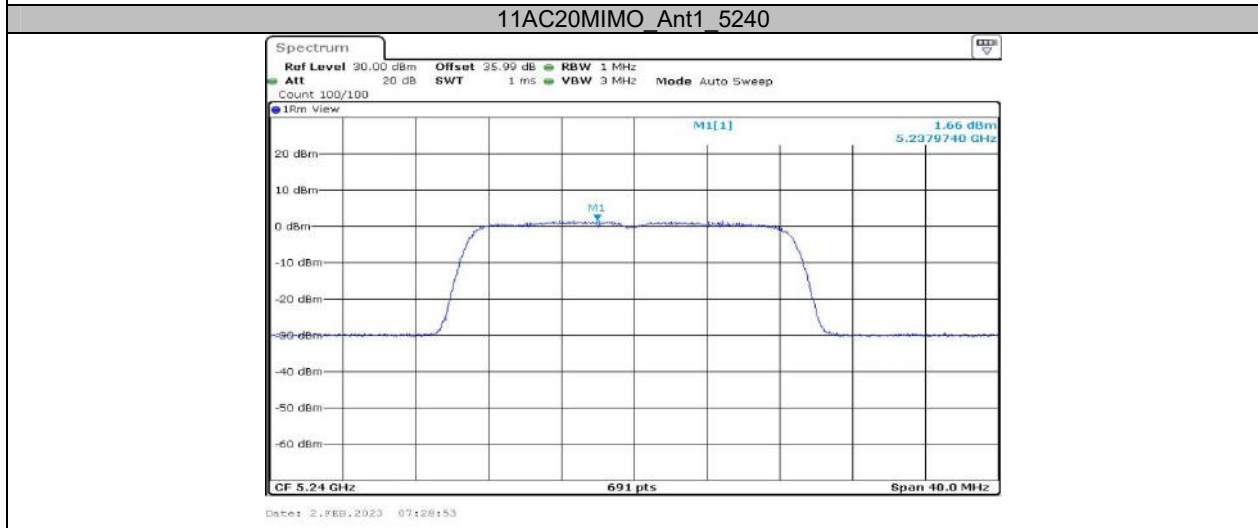


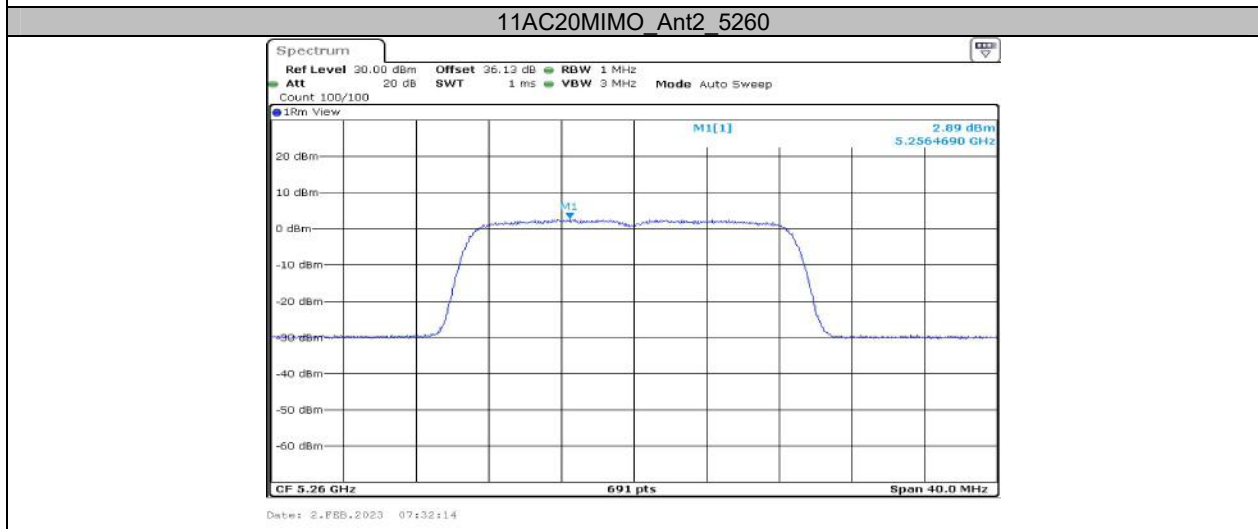
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11AC20MIMO Ant1 5200

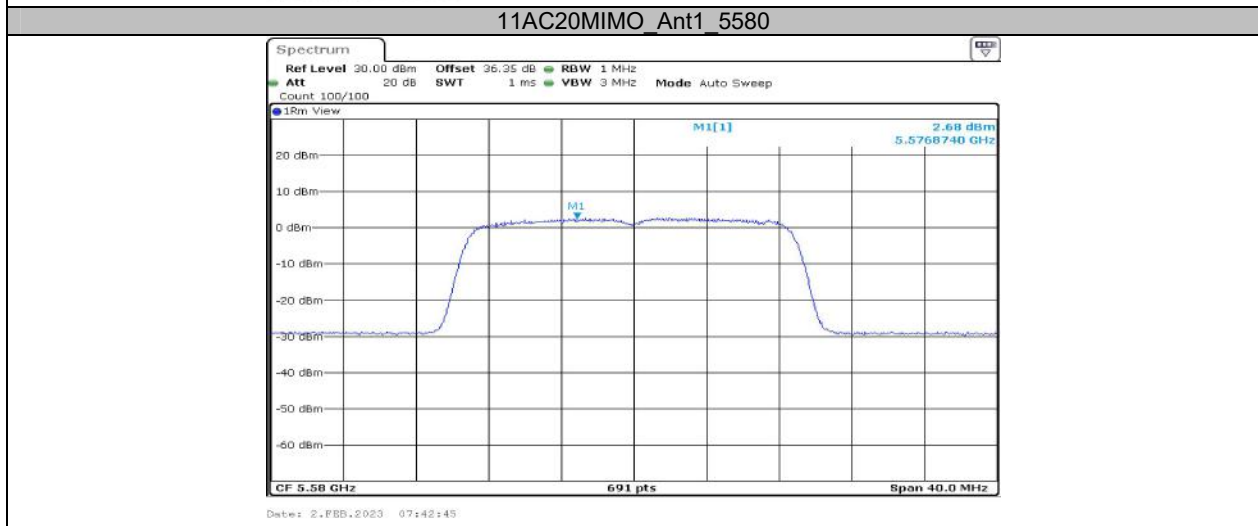
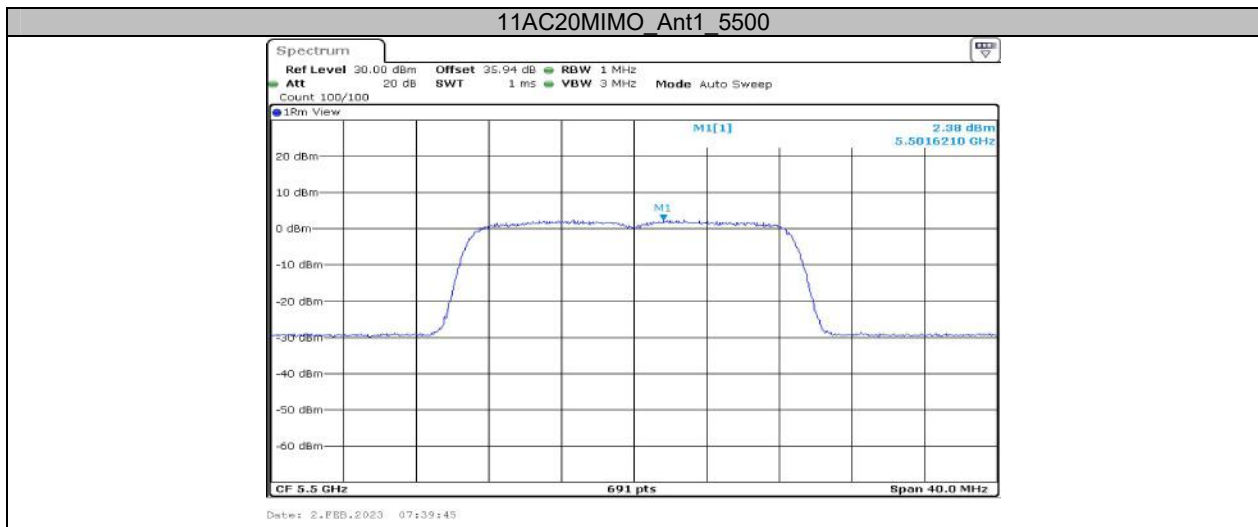


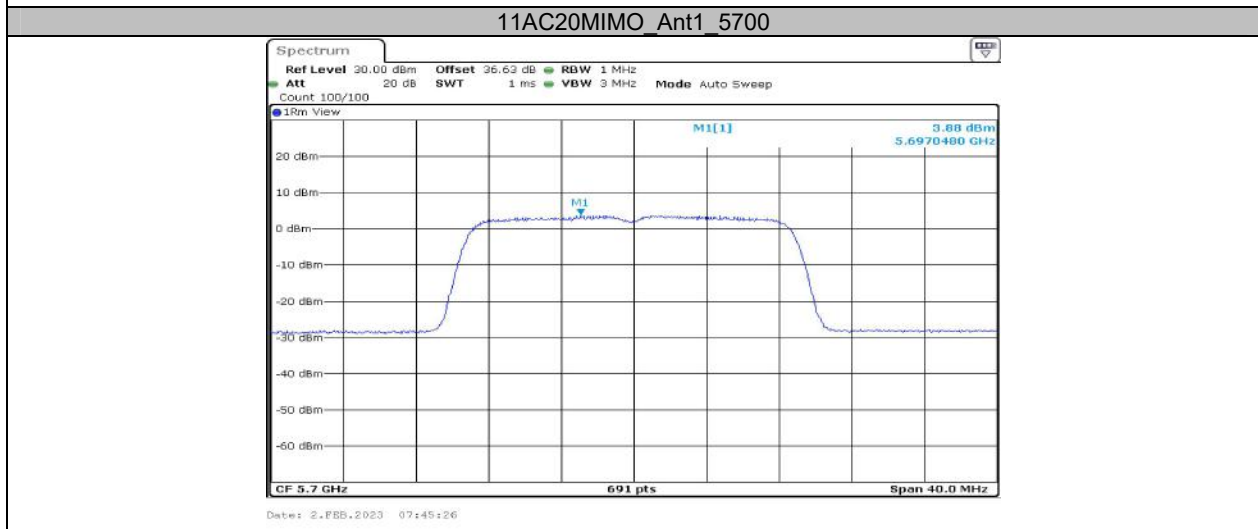
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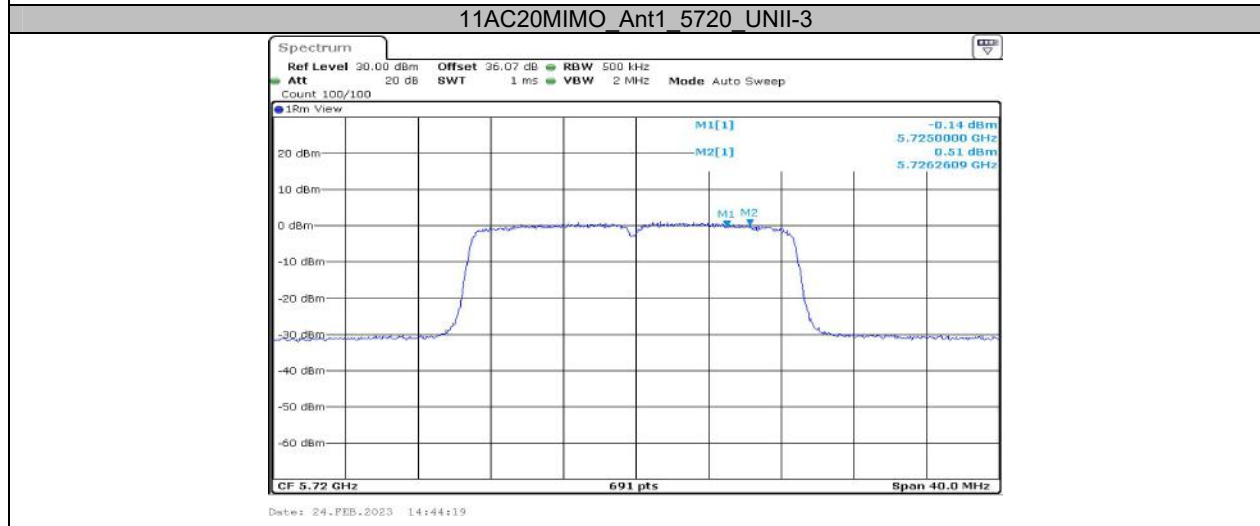
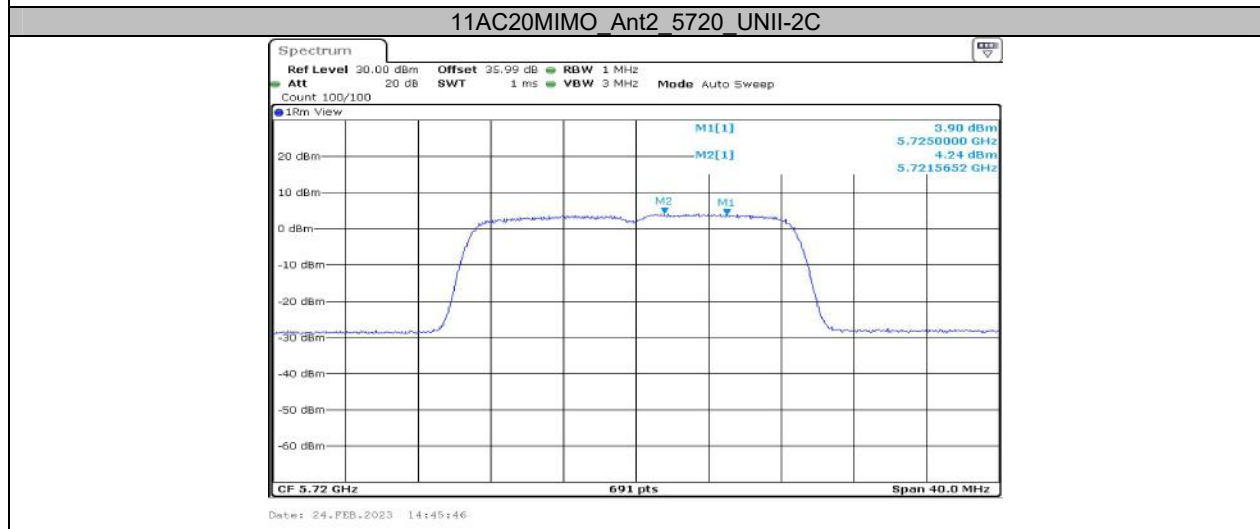
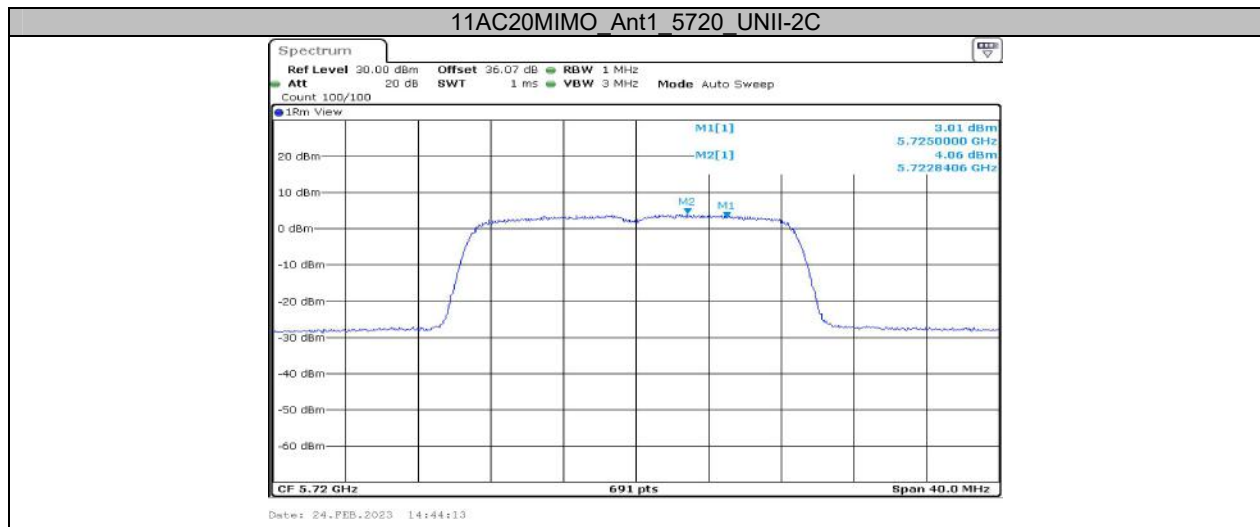


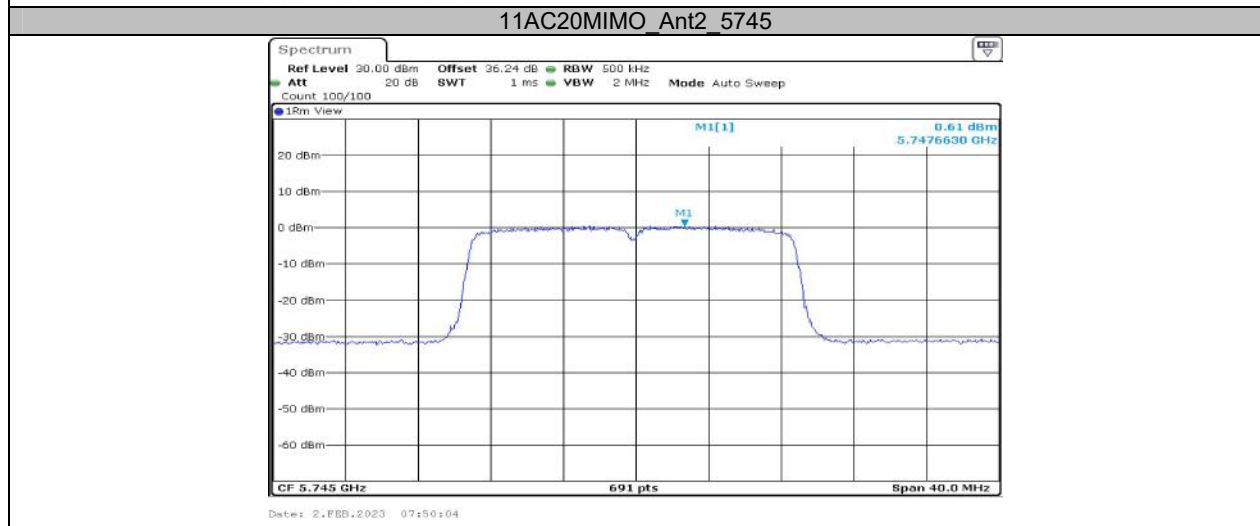
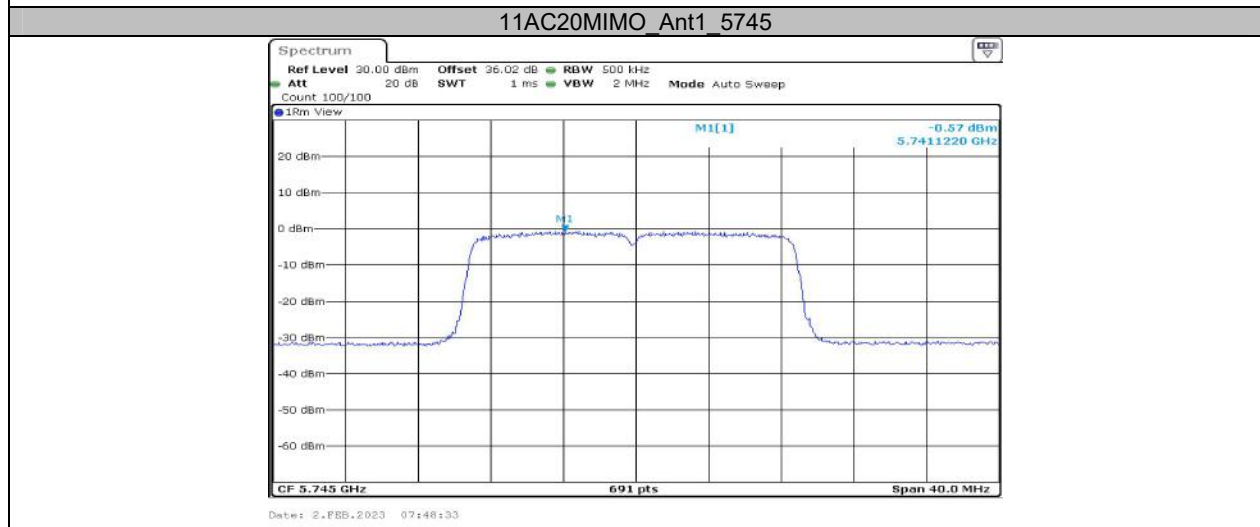
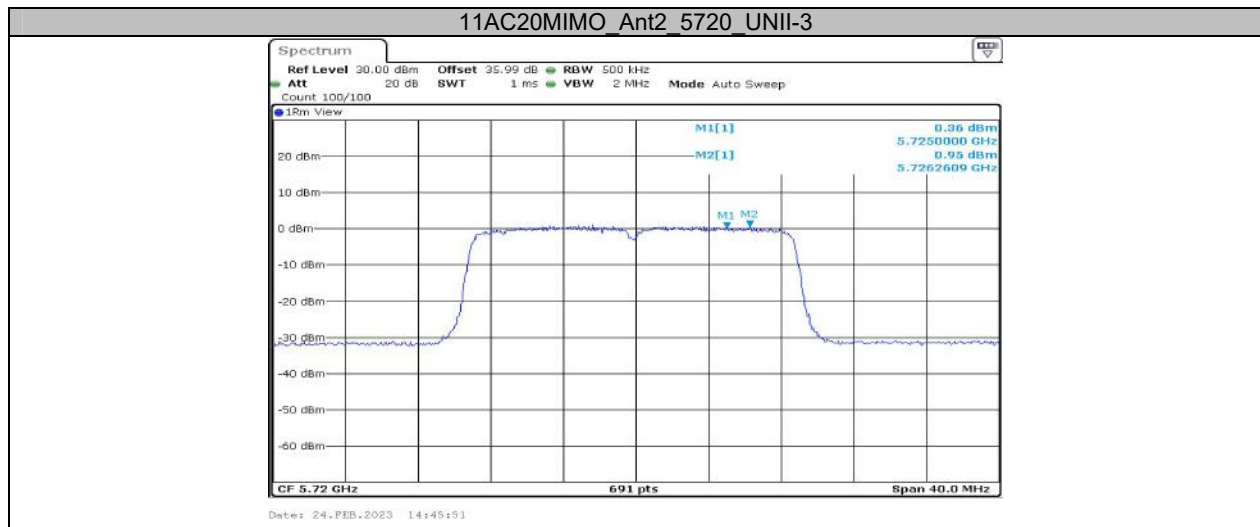


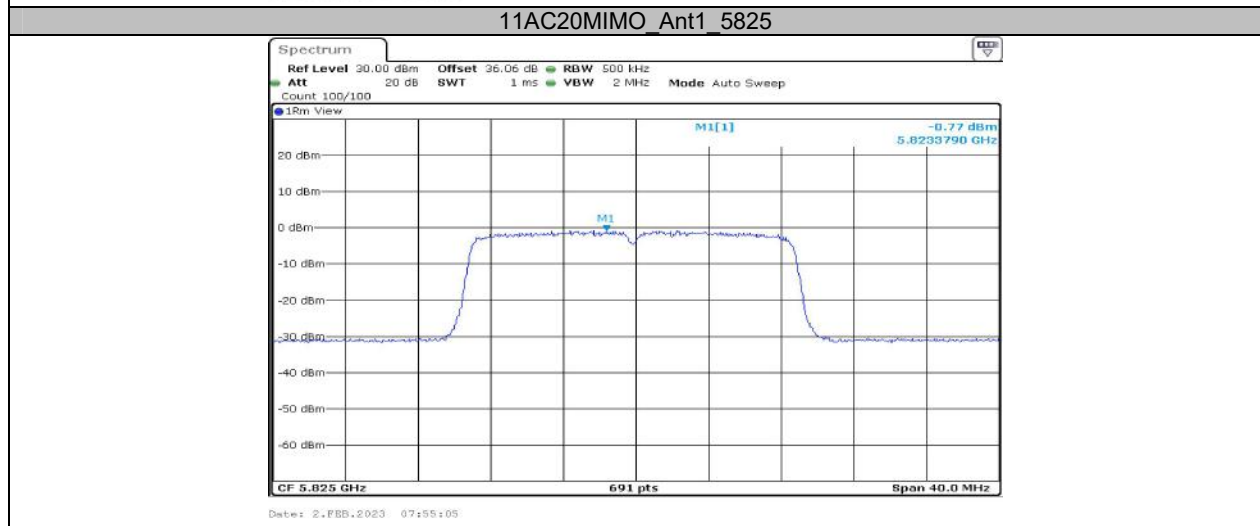
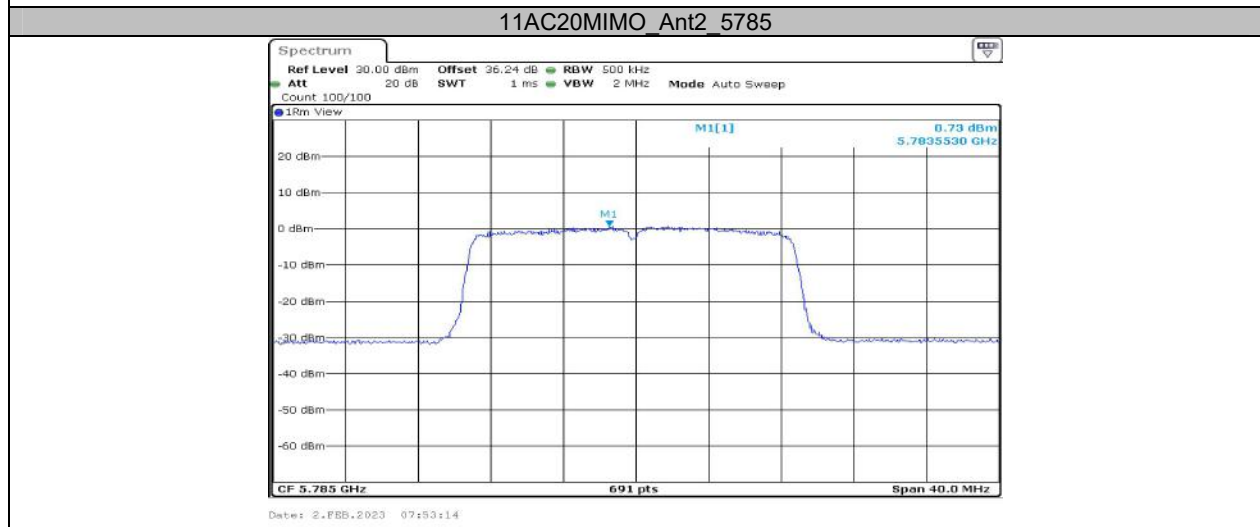
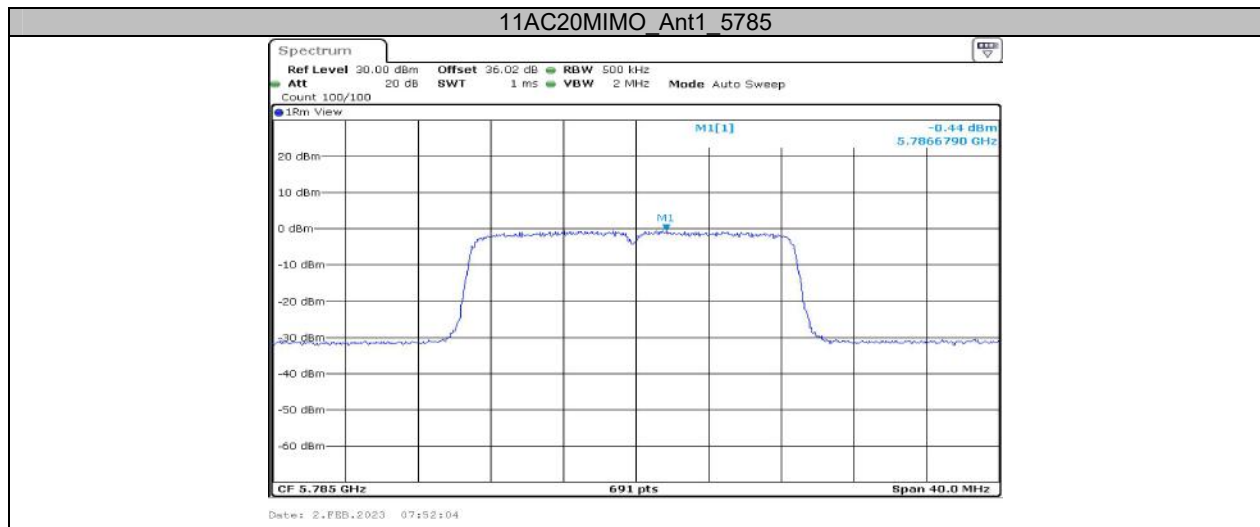


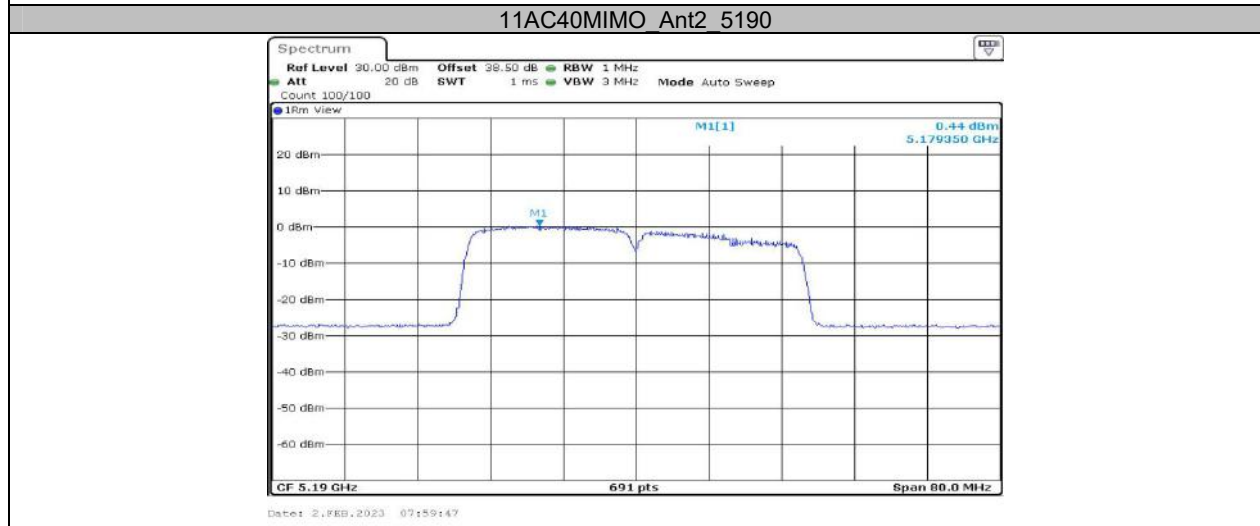
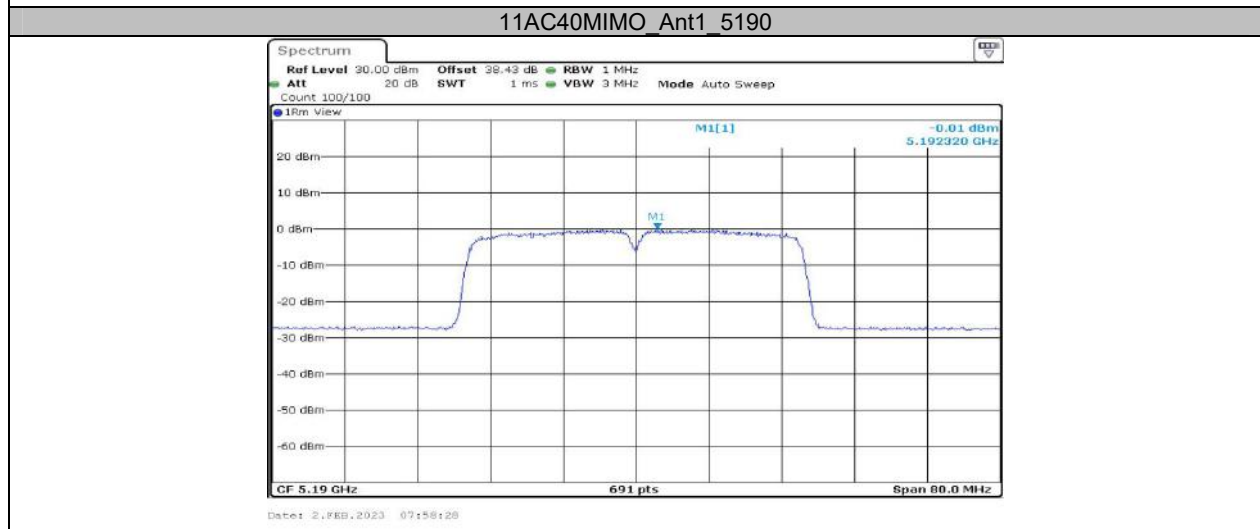


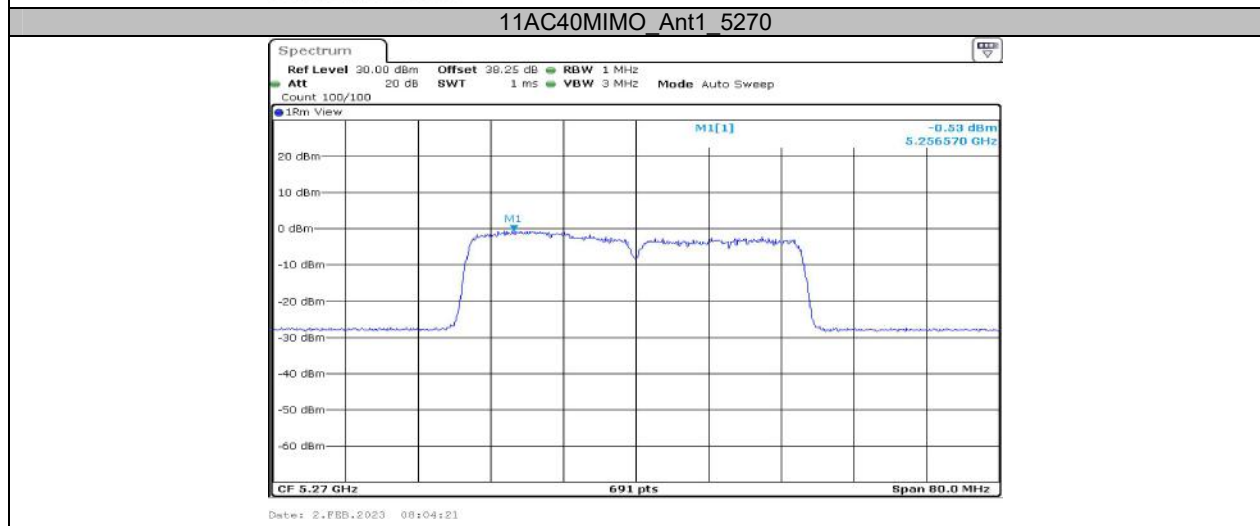
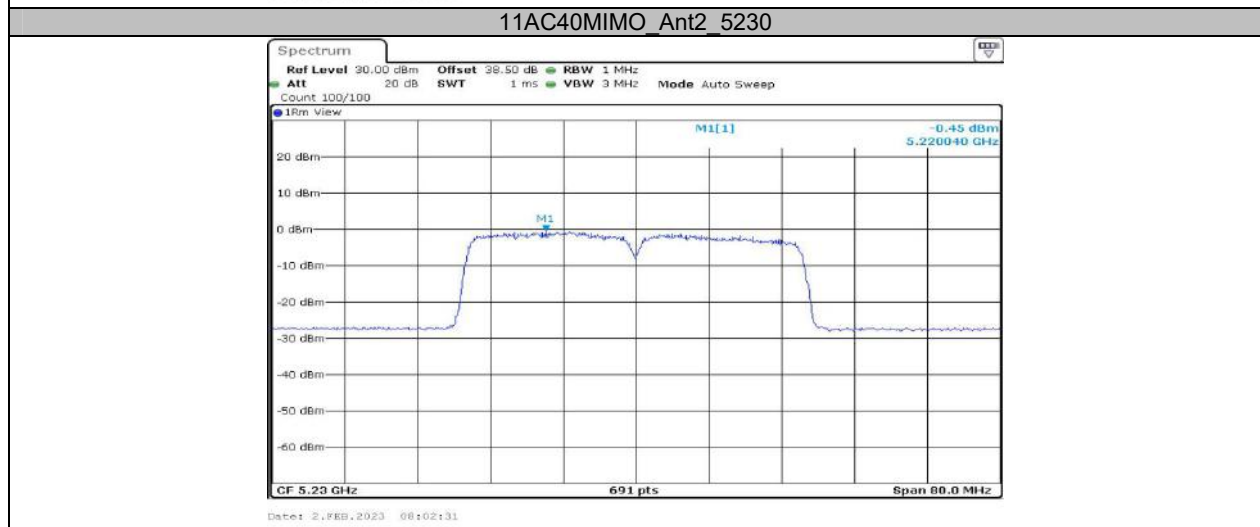
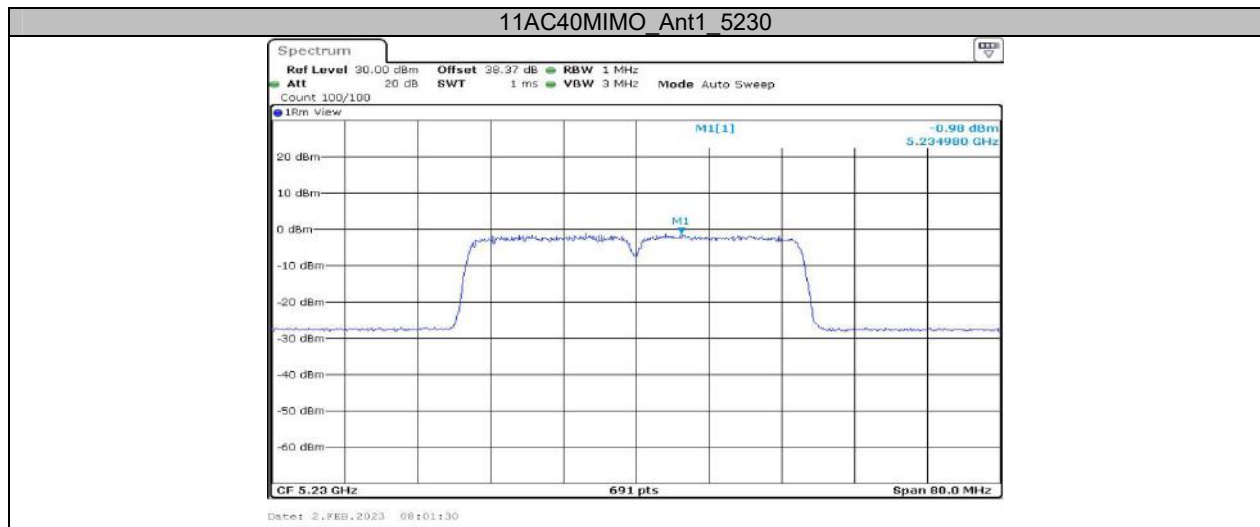


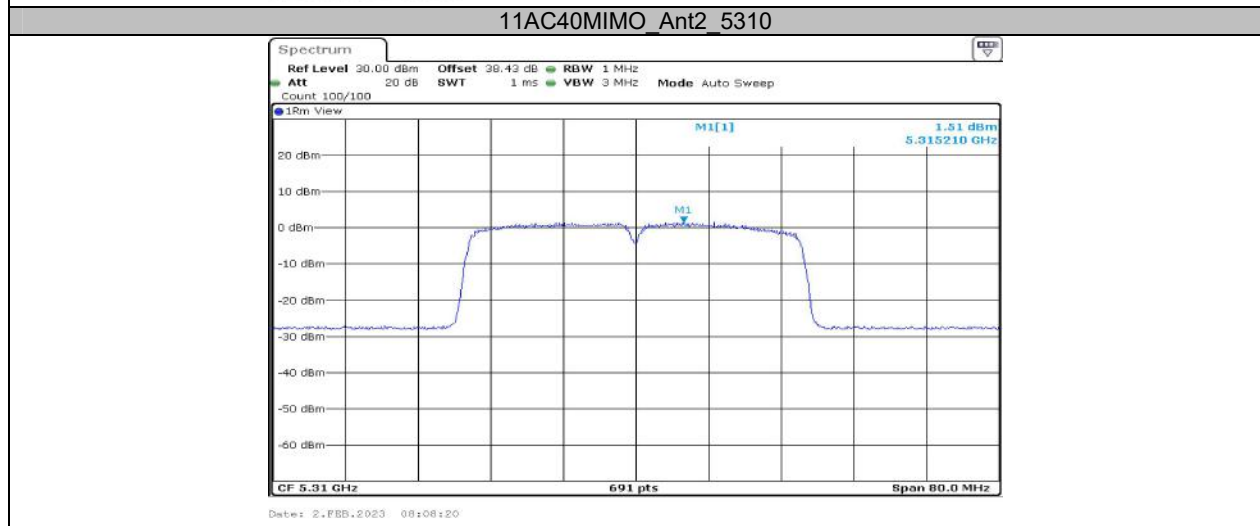
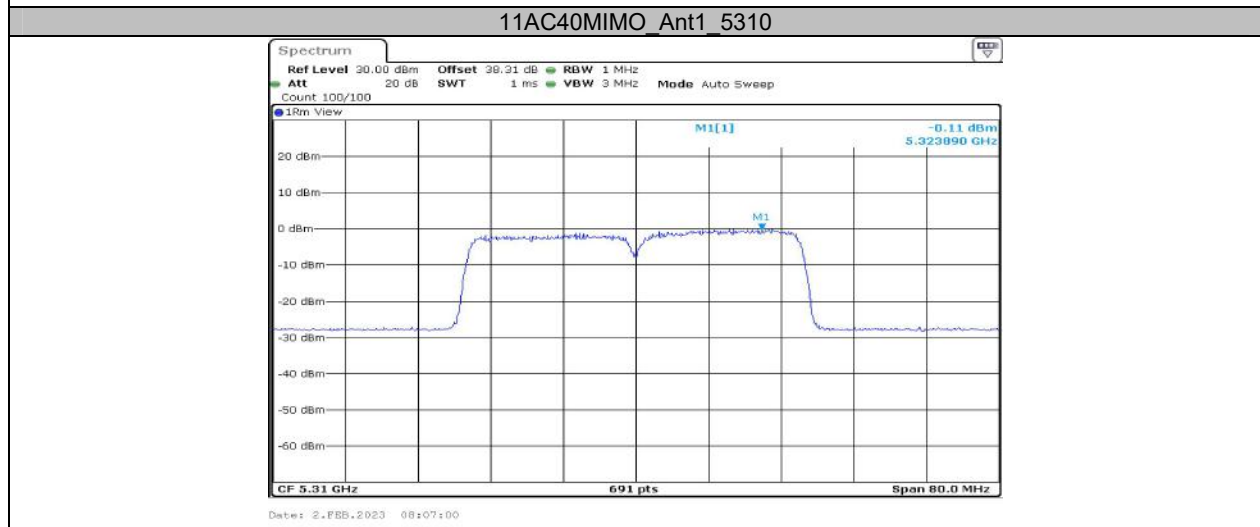
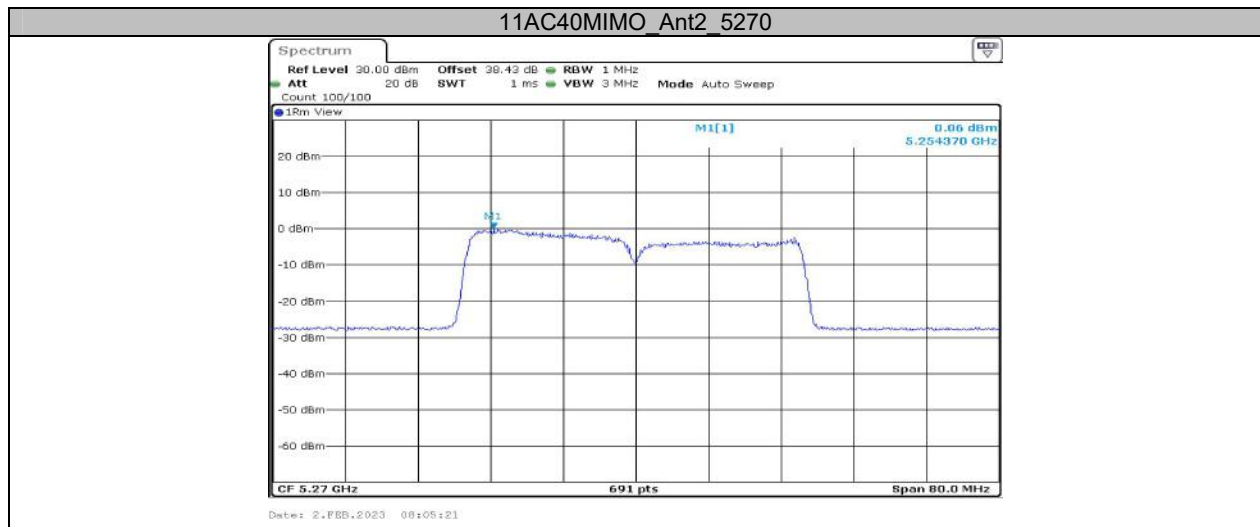


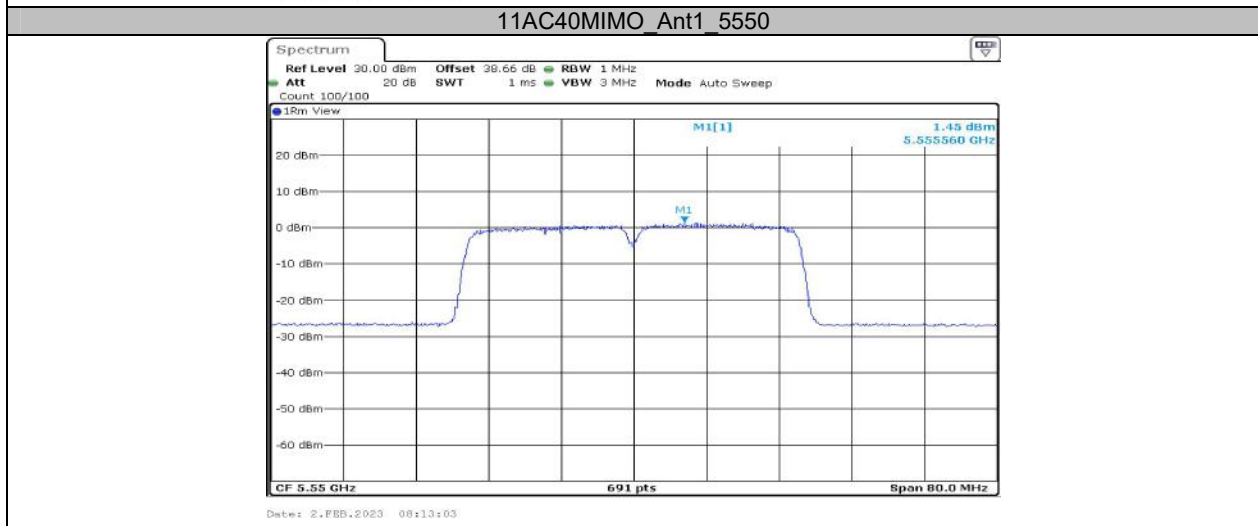
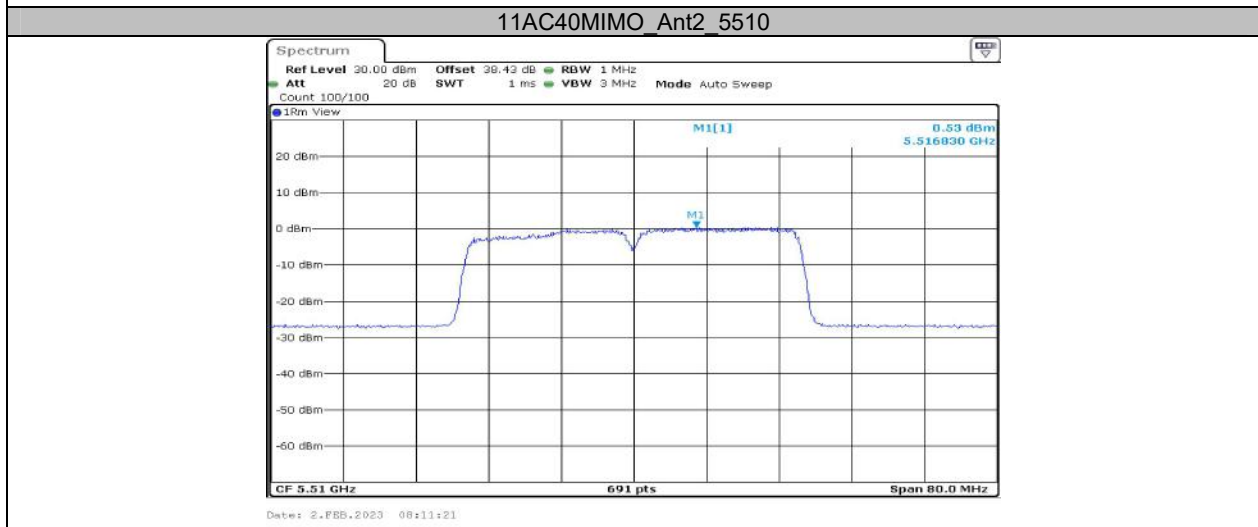
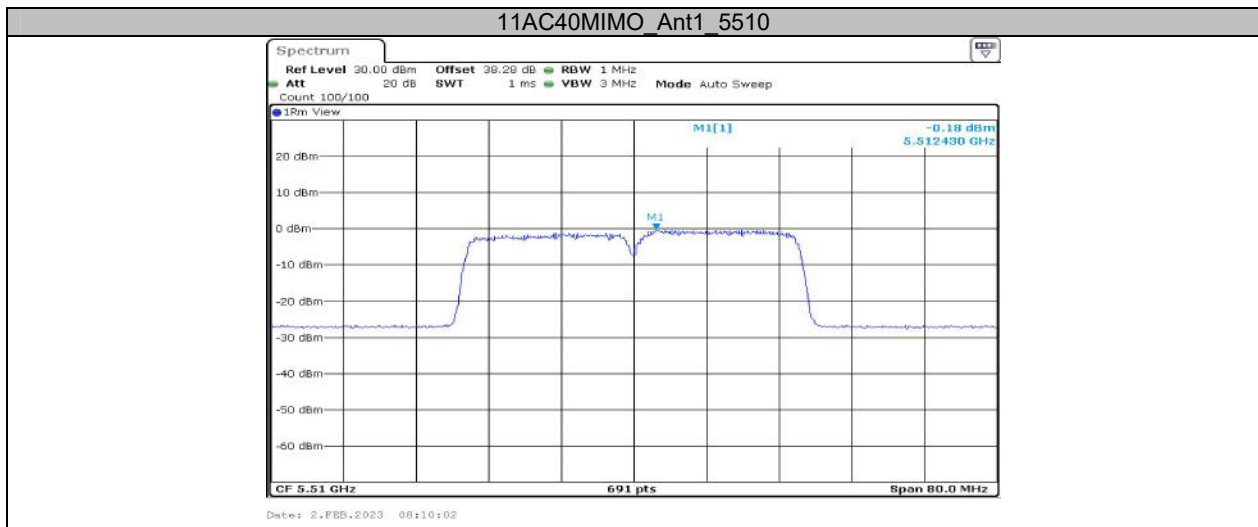


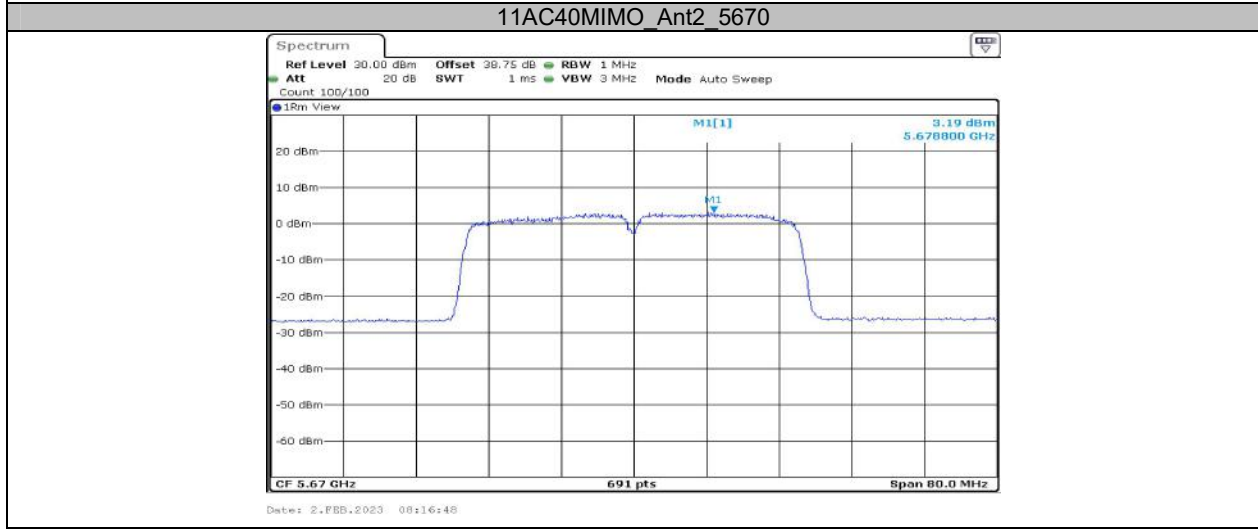
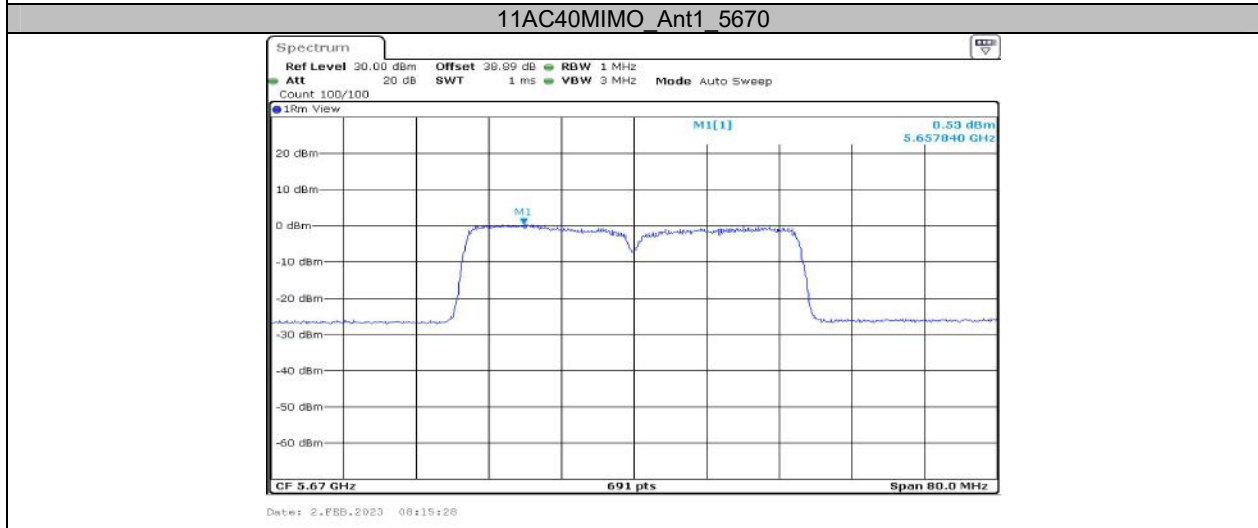
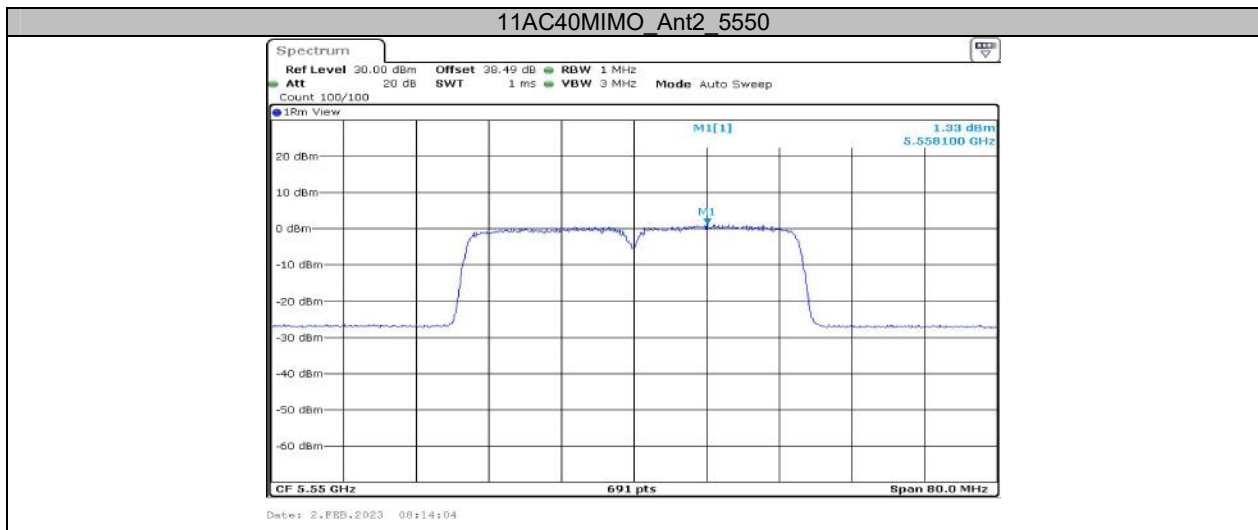


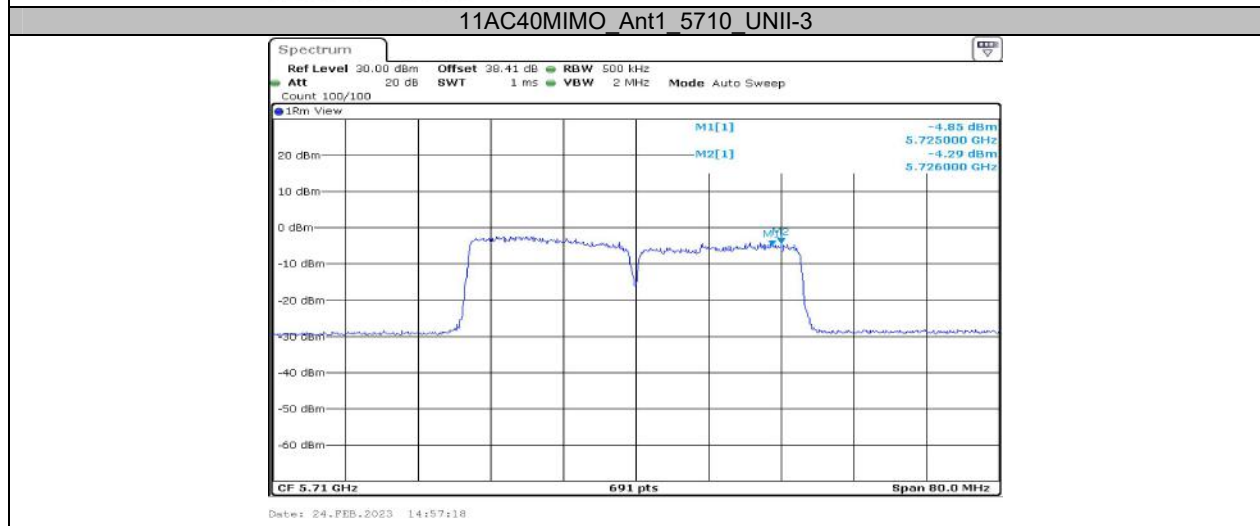
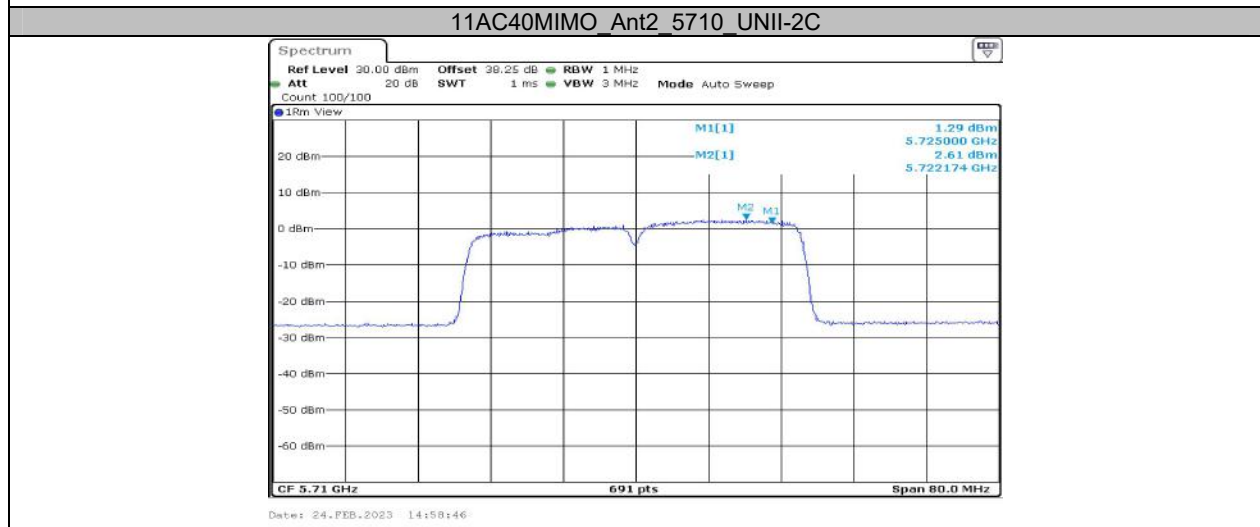
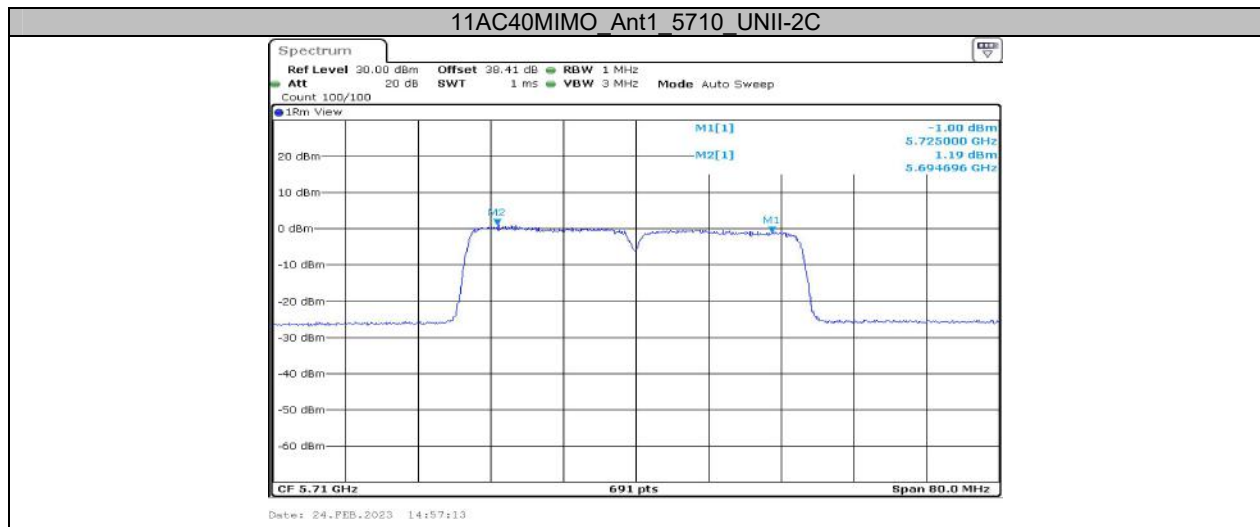


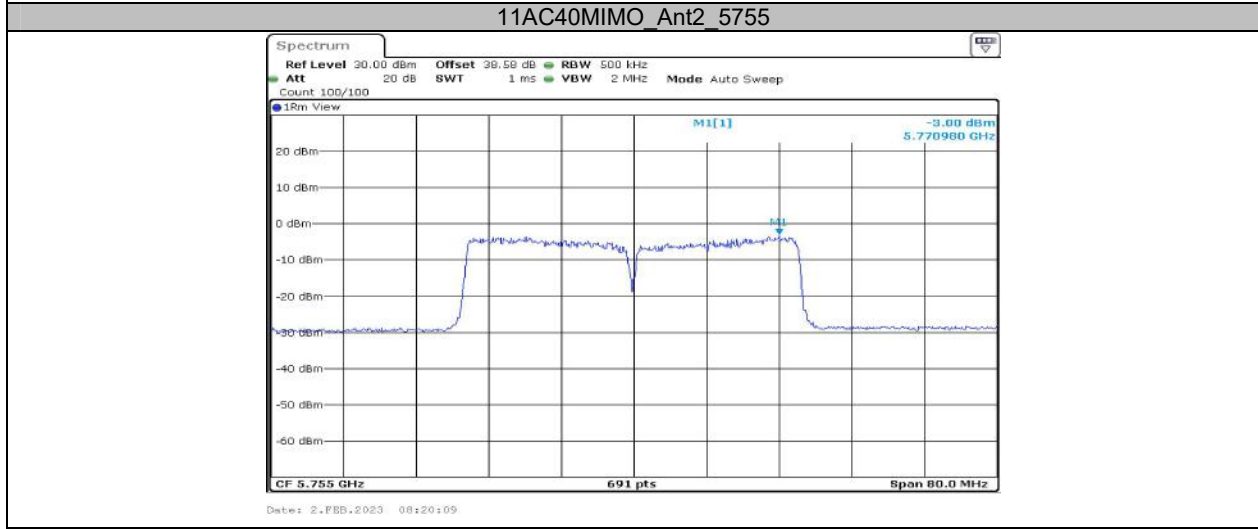
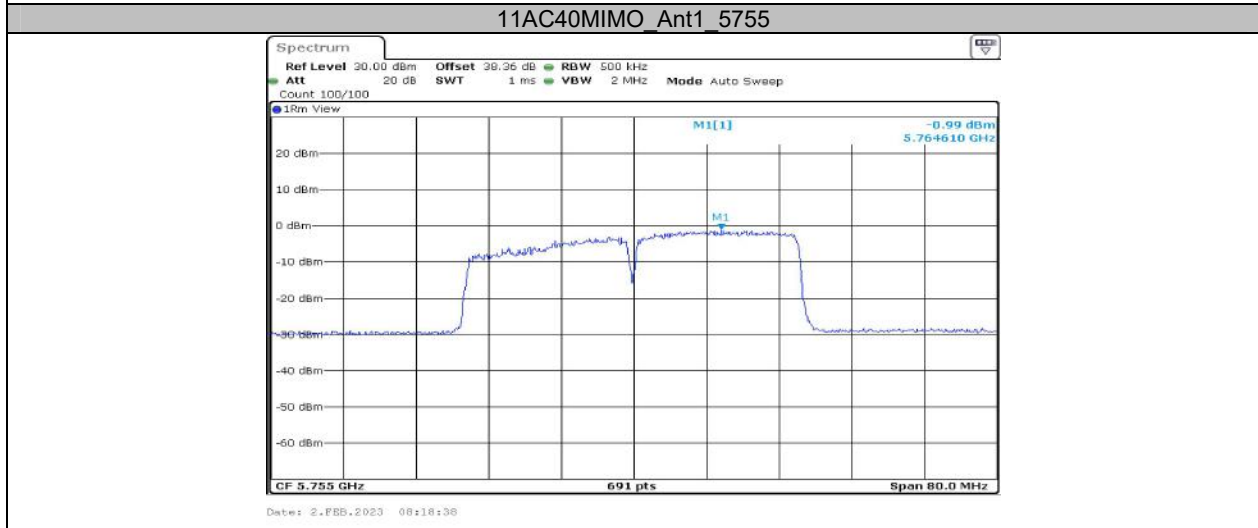
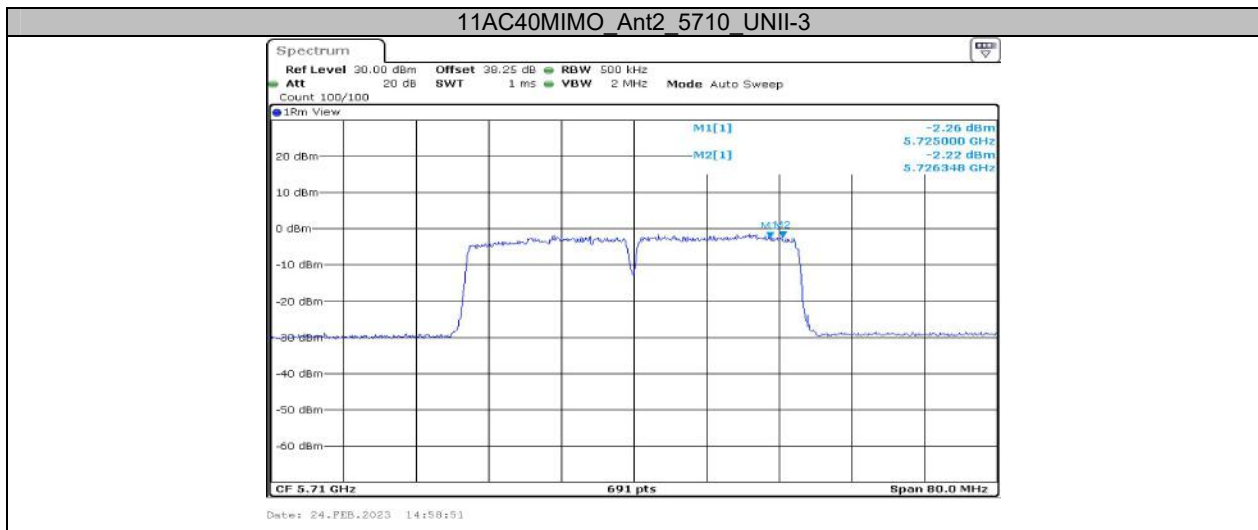


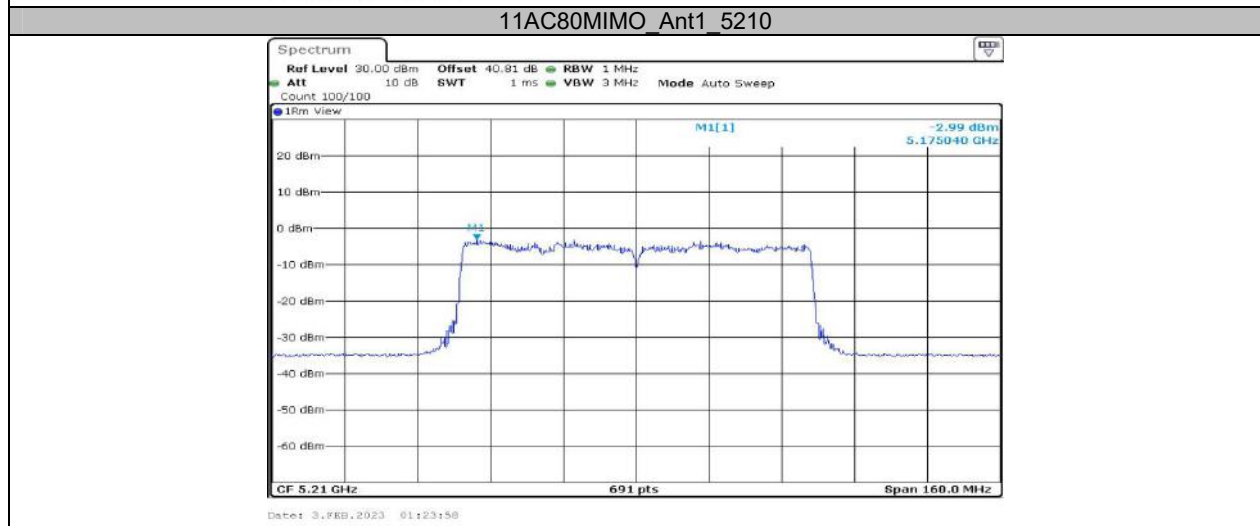
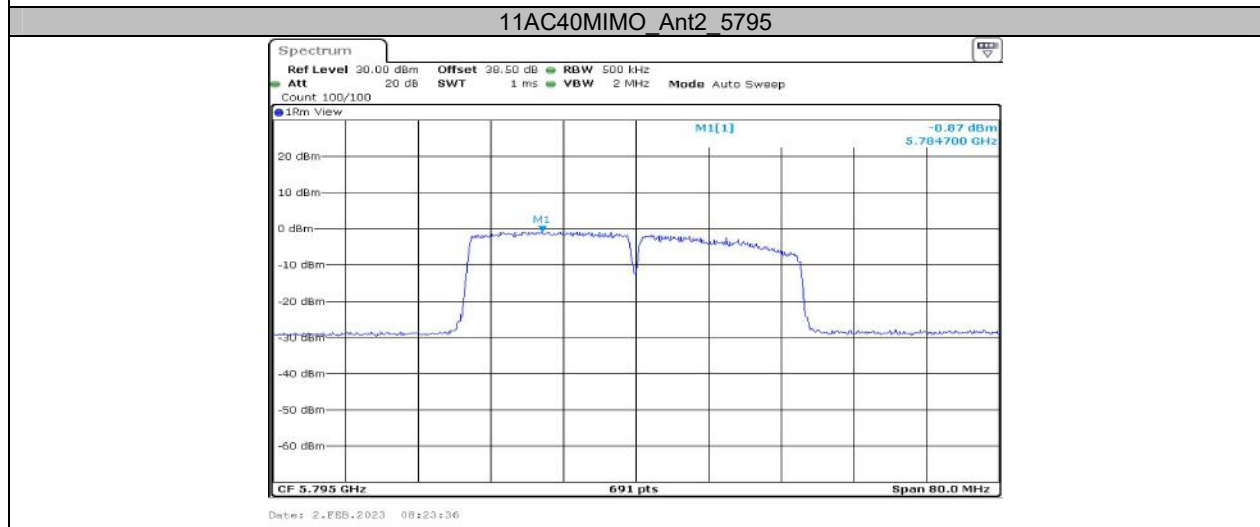
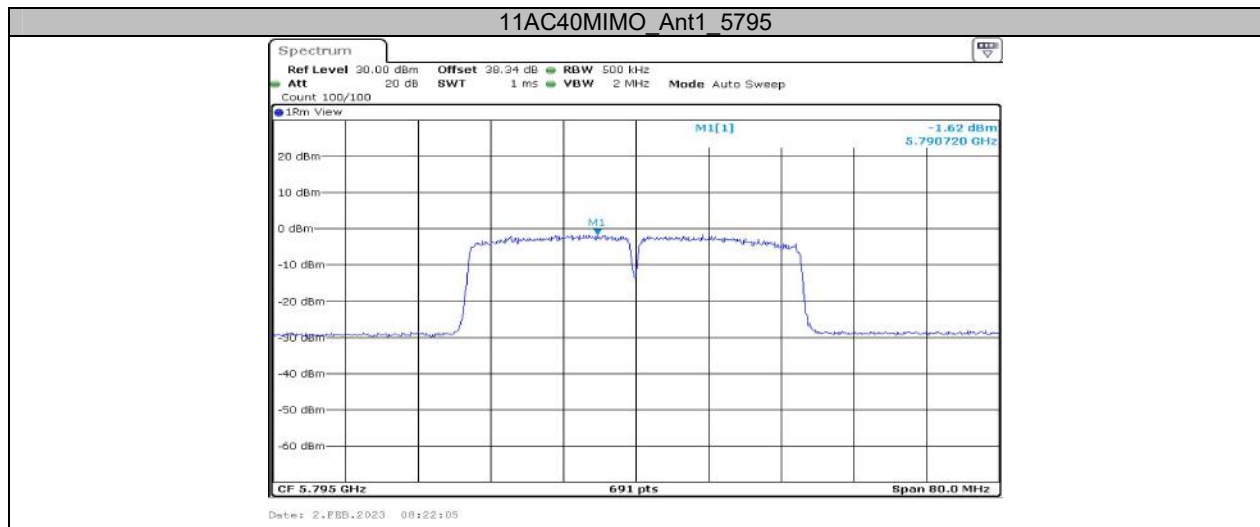


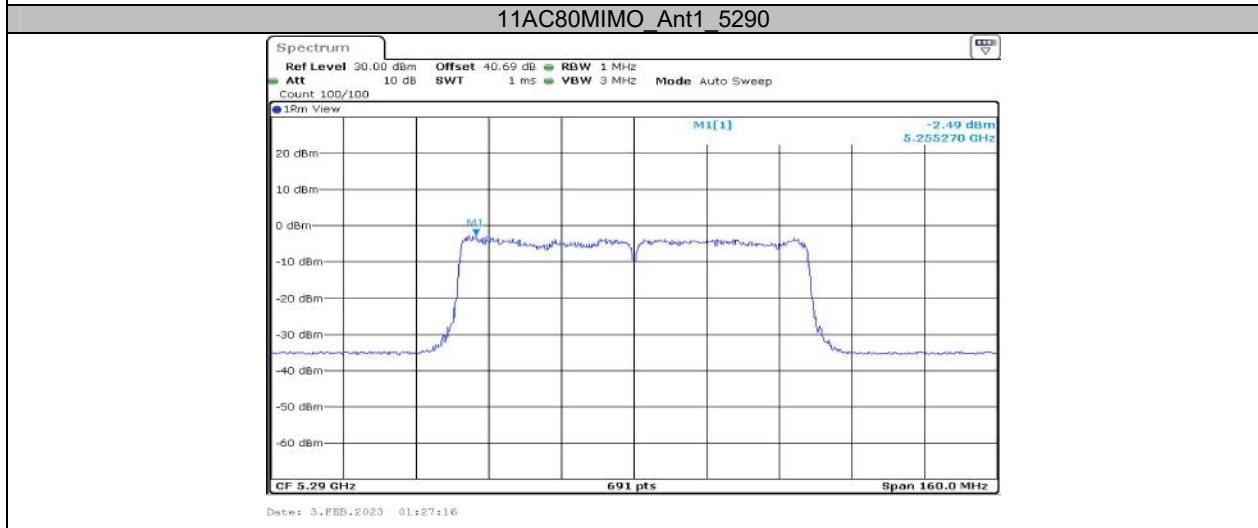
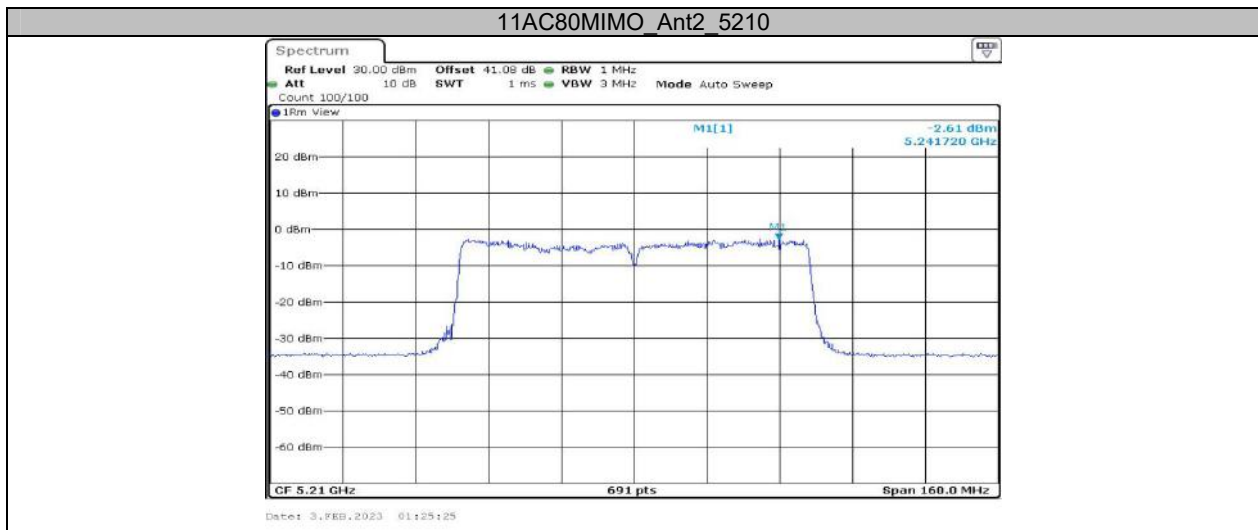


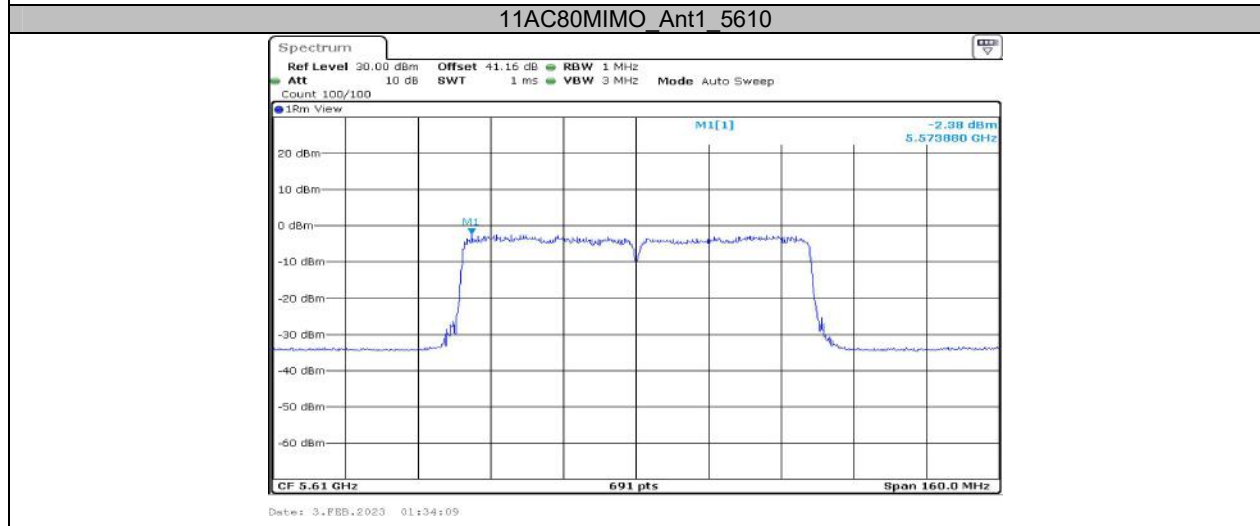


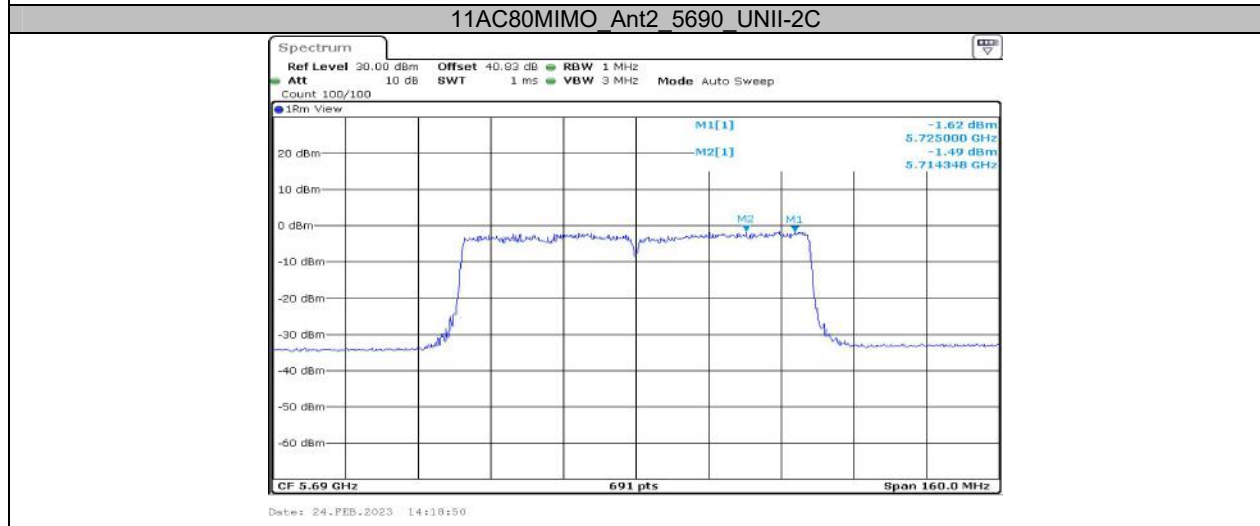
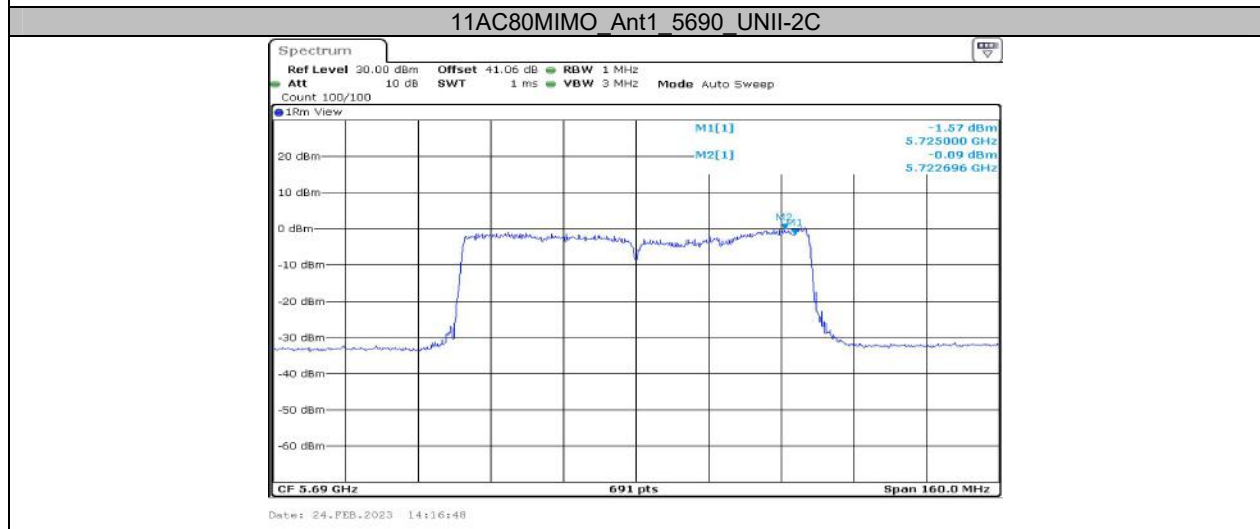


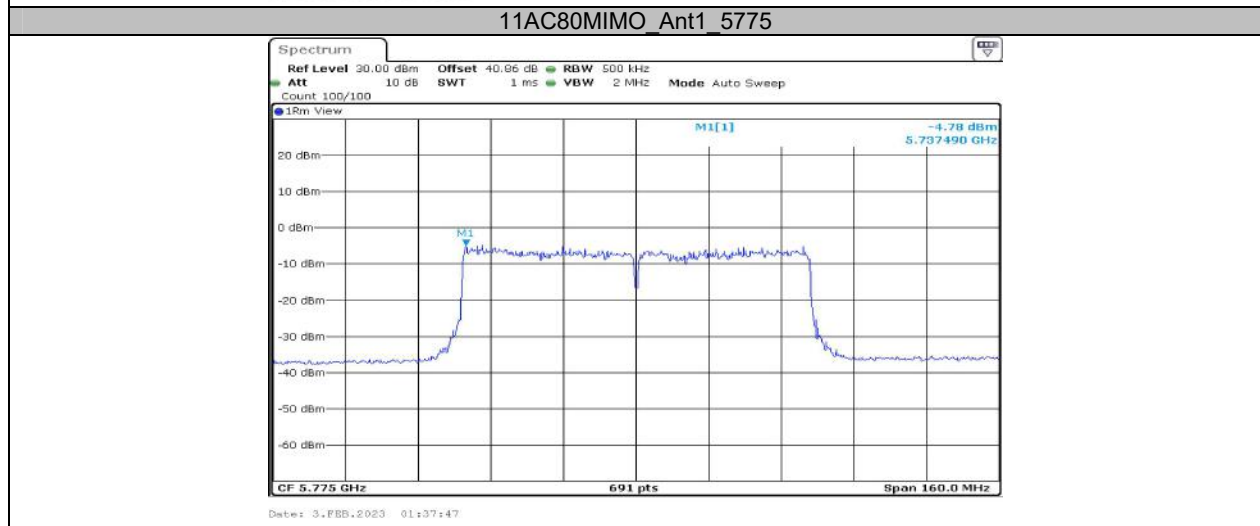
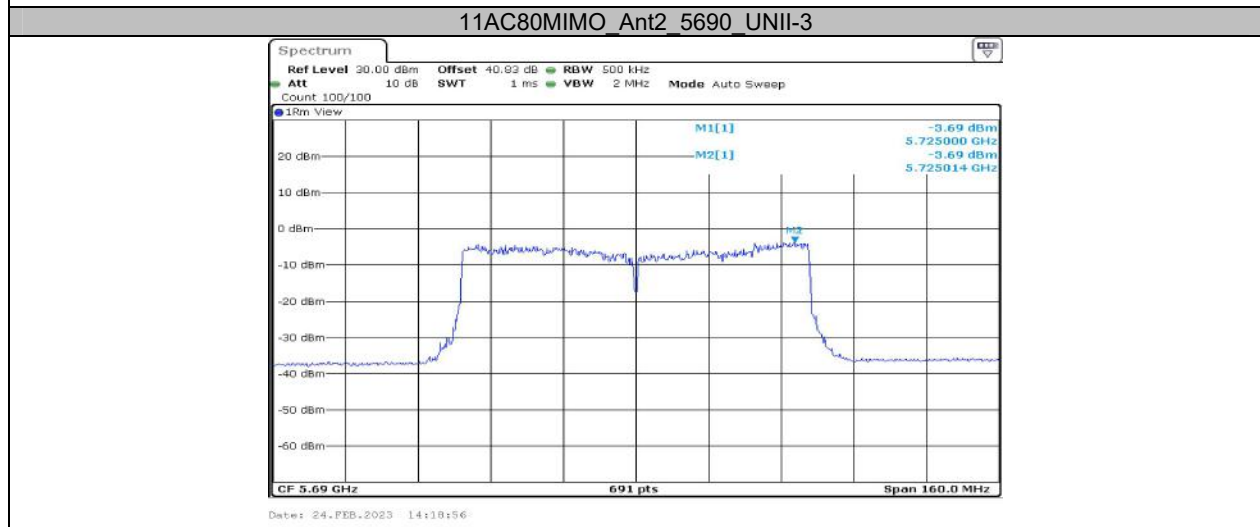
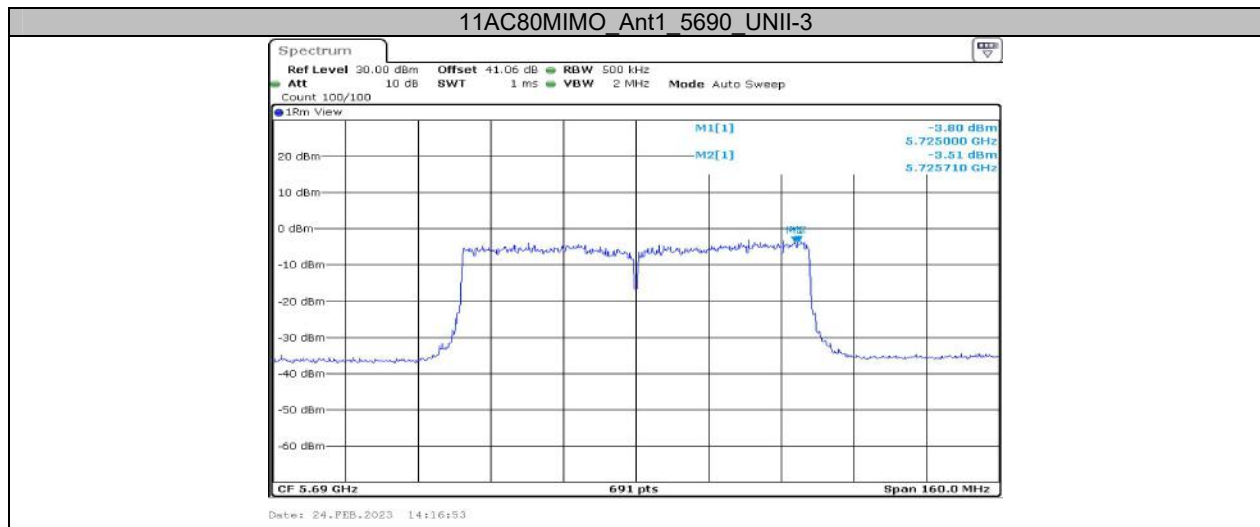




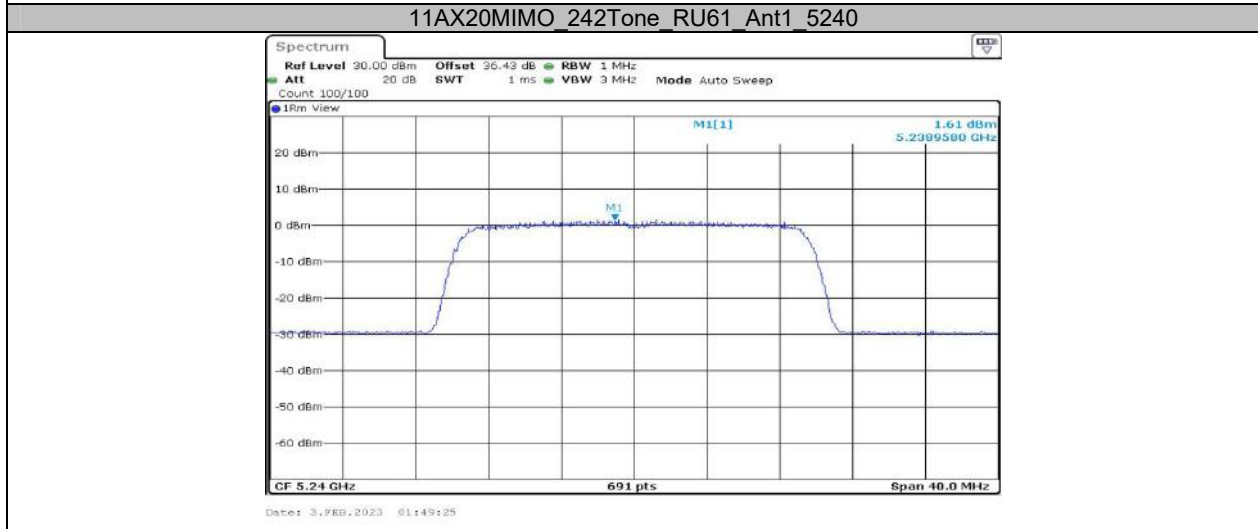
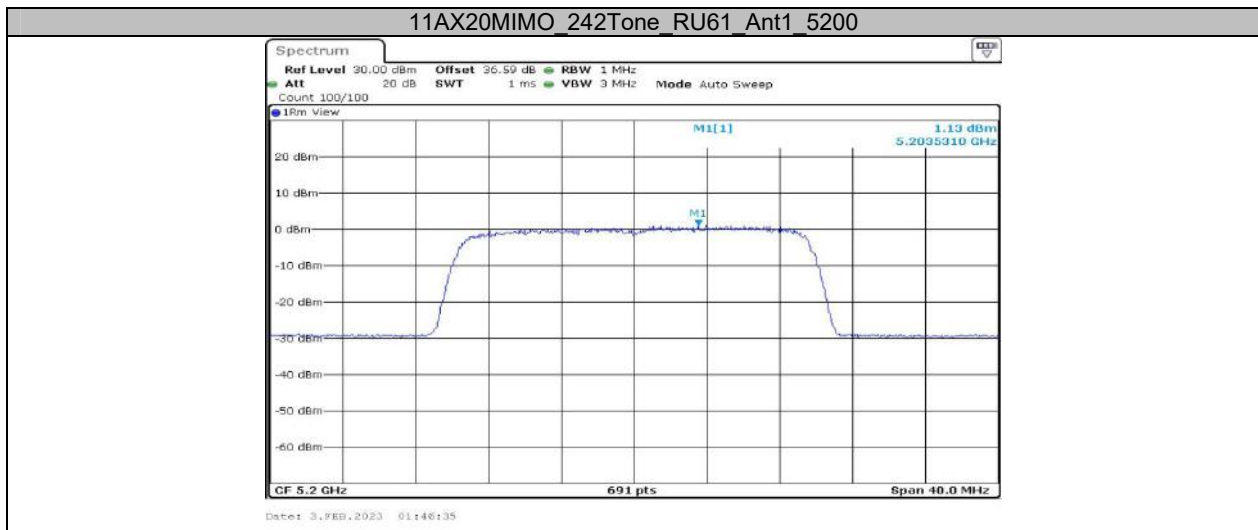




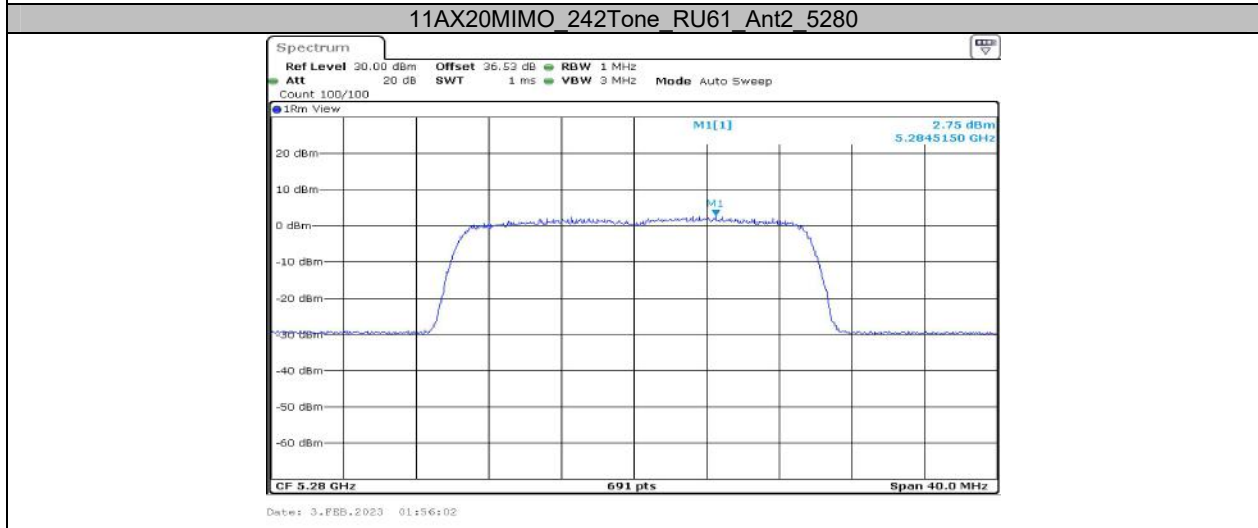


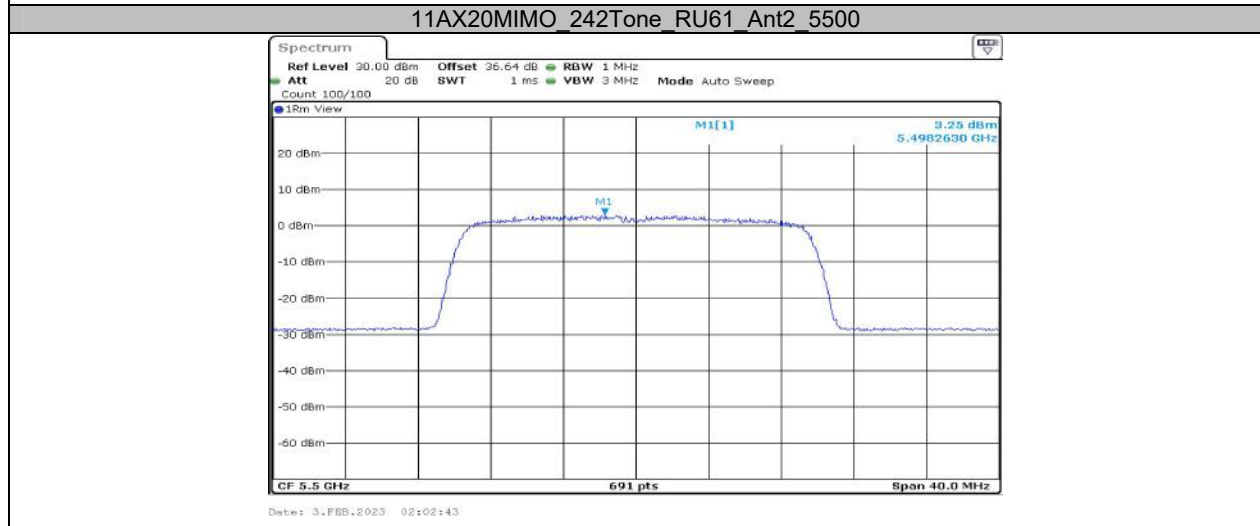


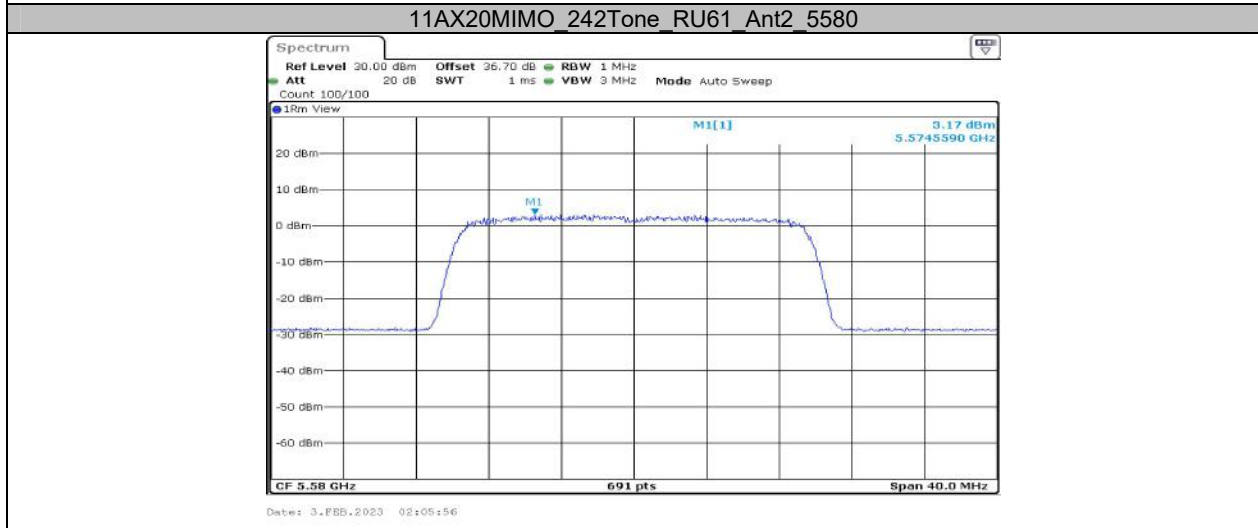


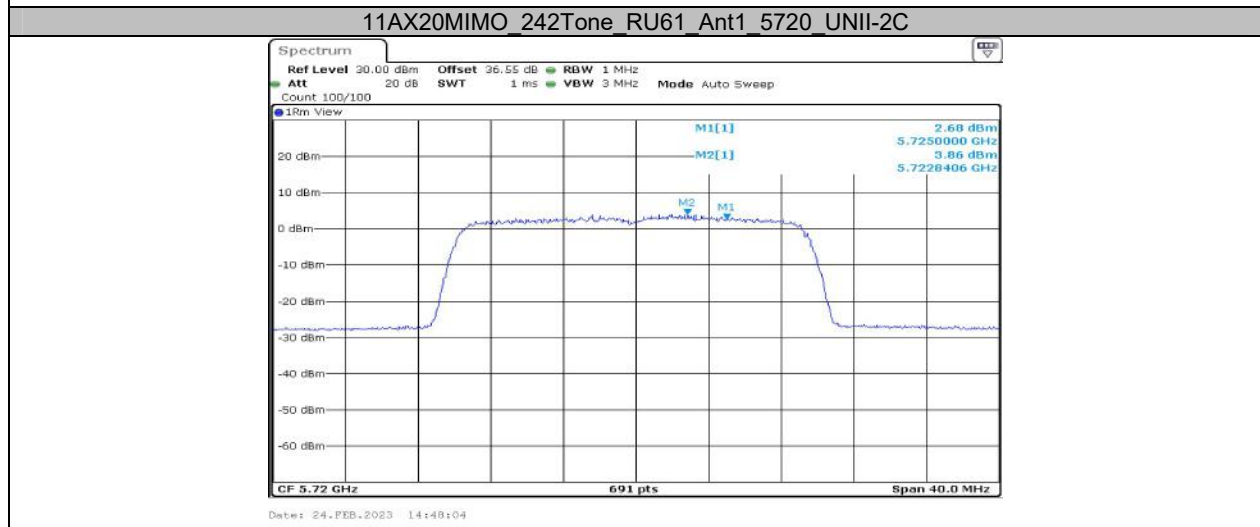
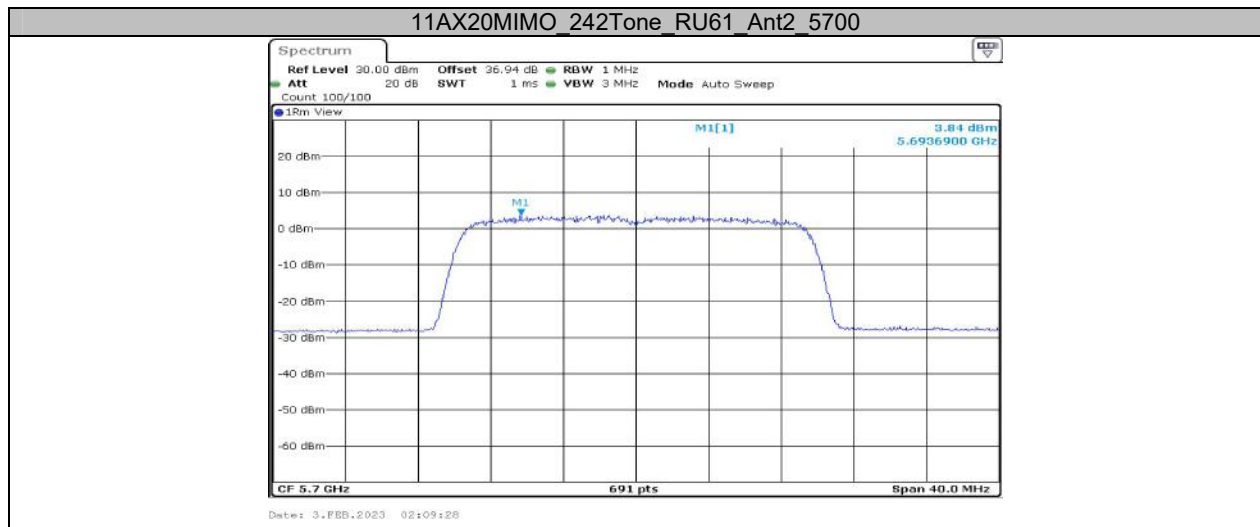


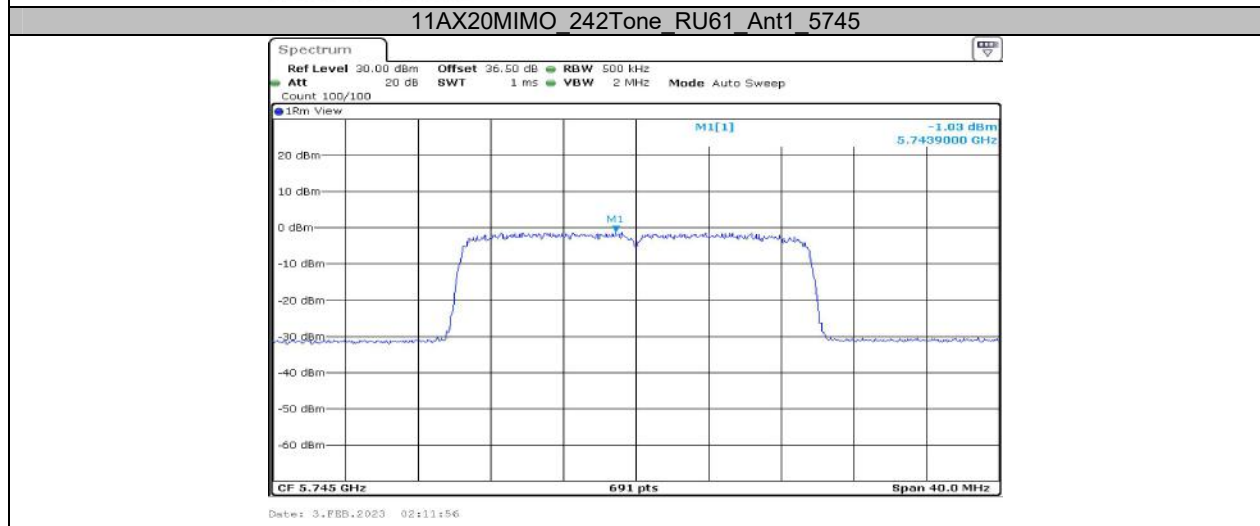
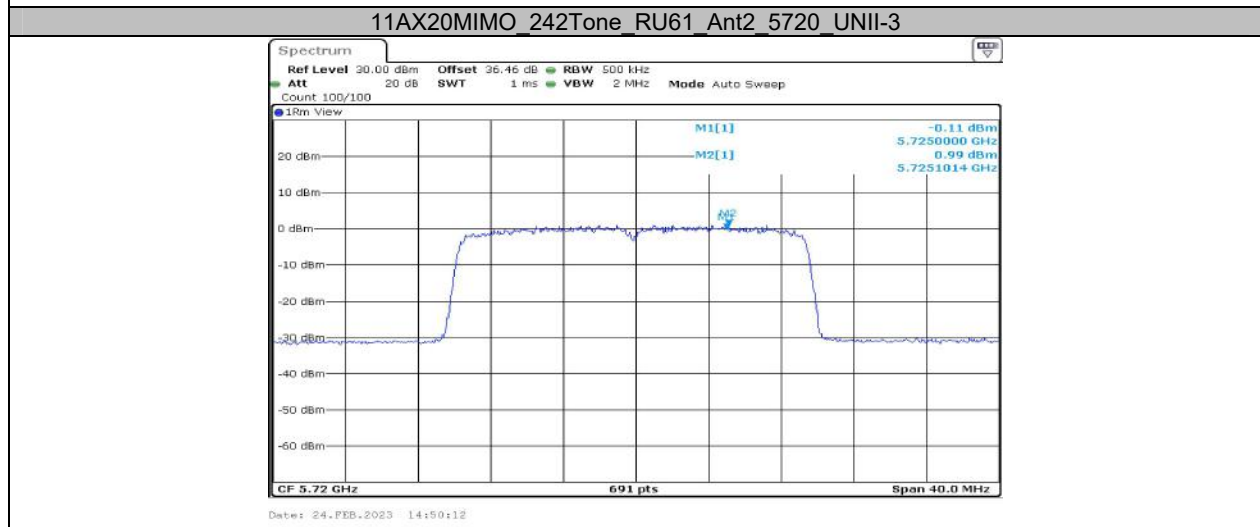
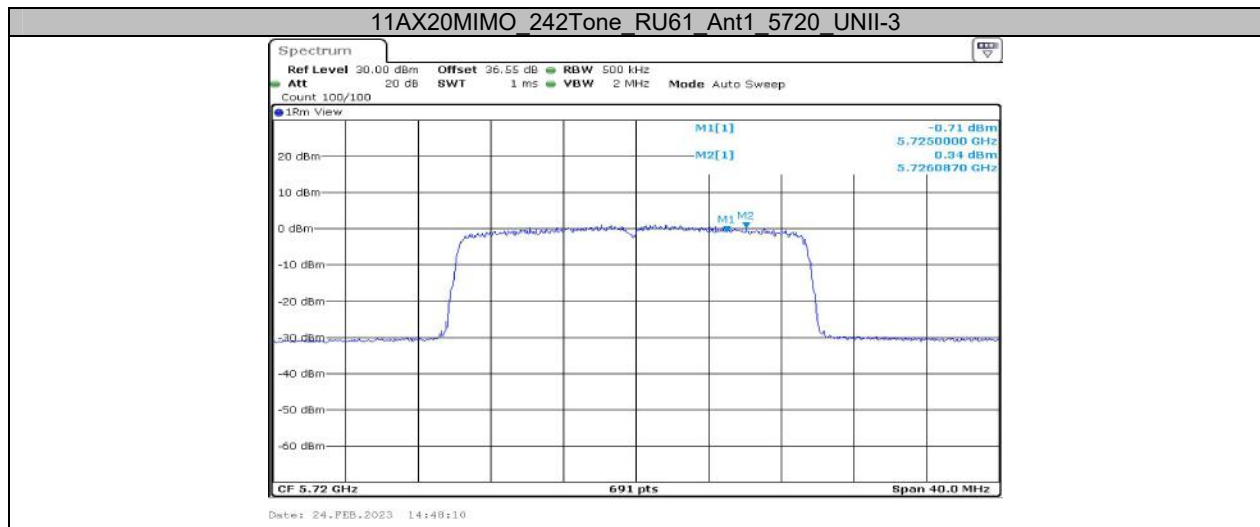


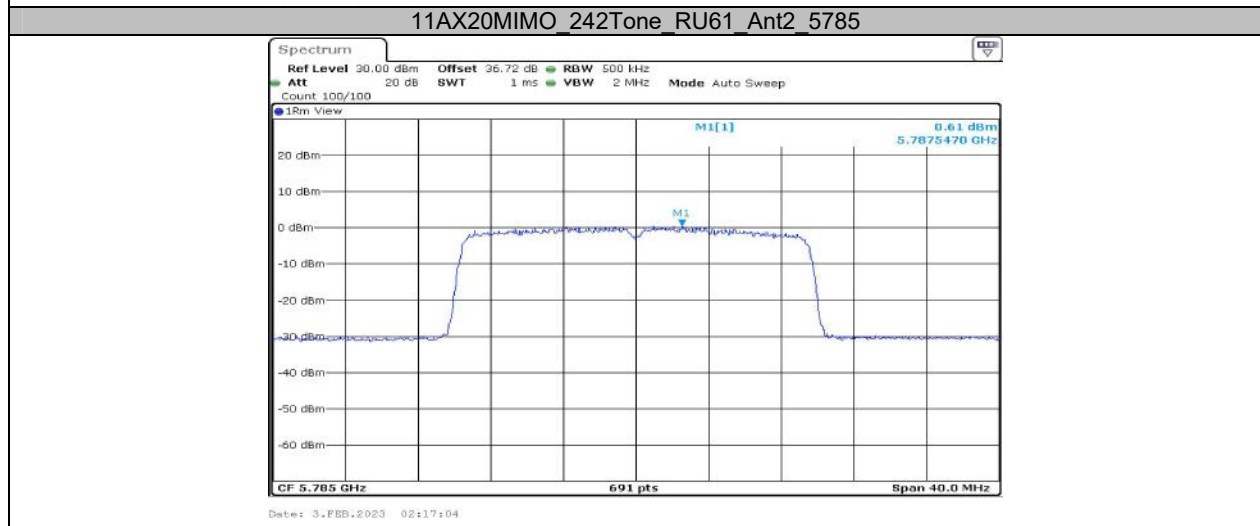
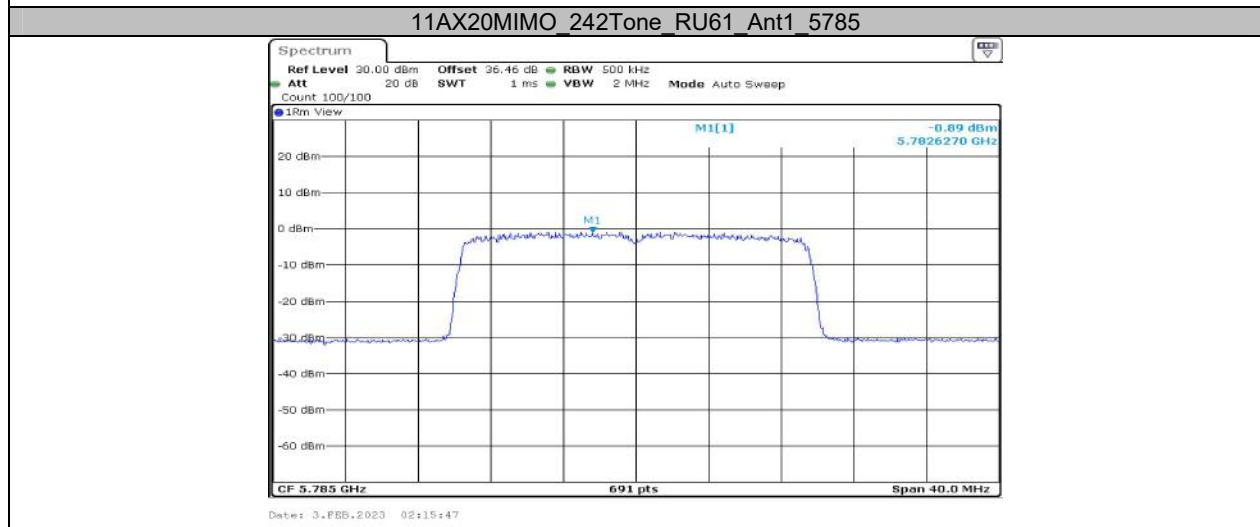
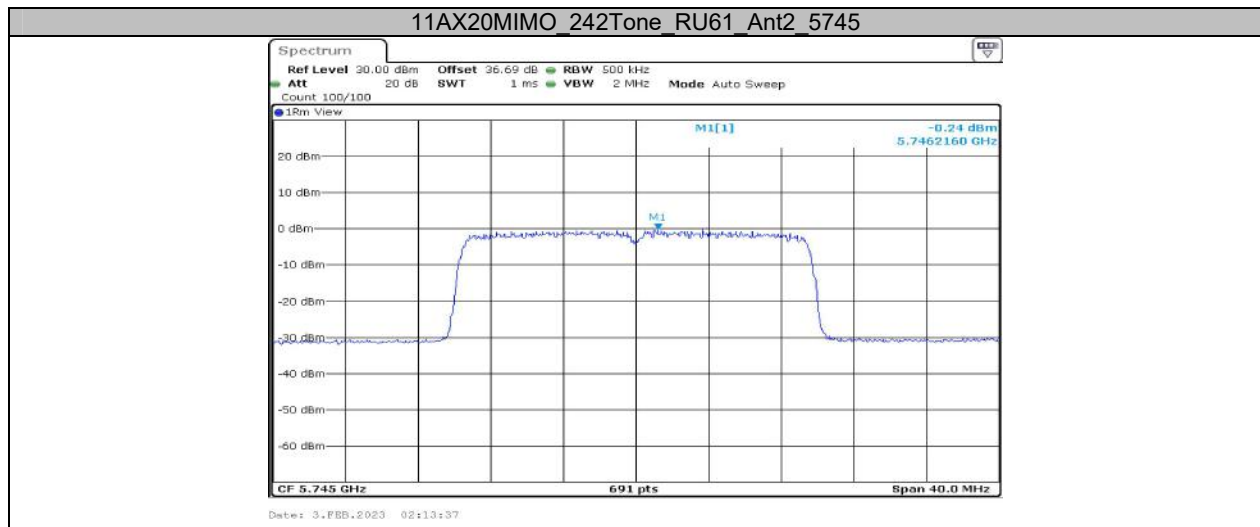


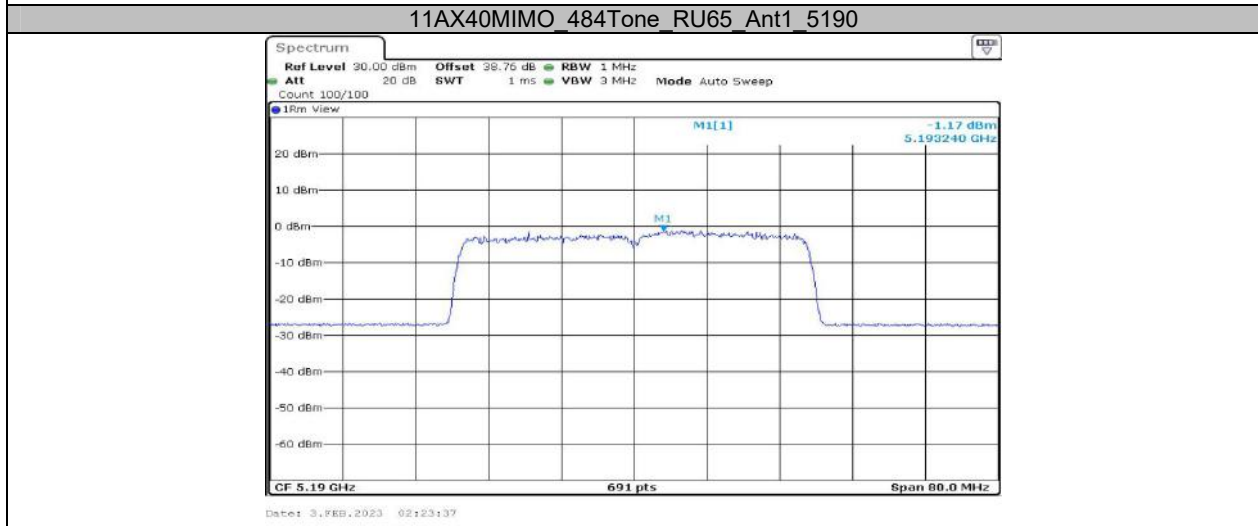
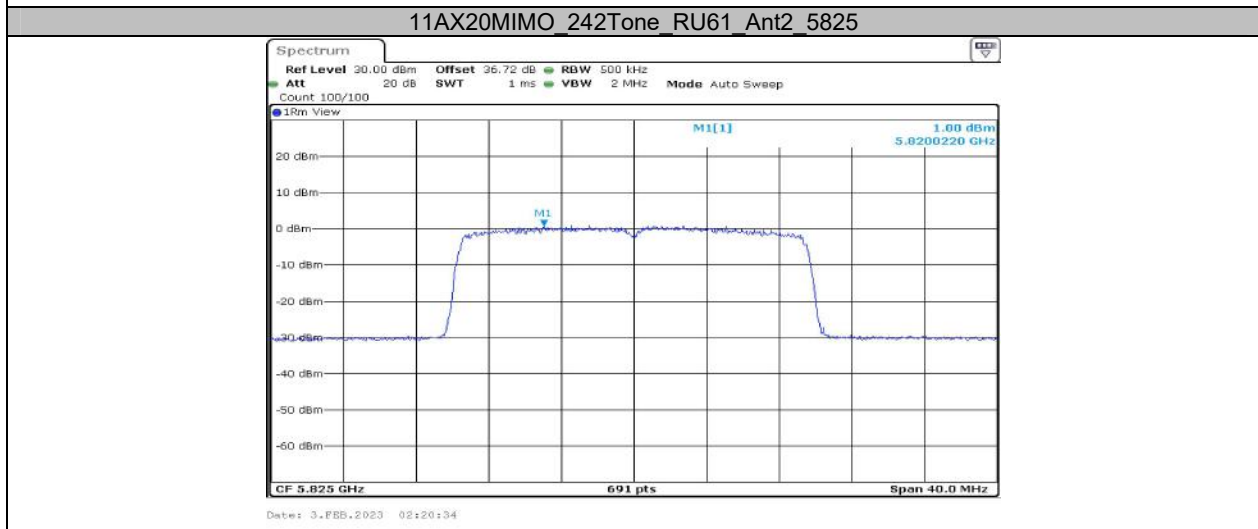
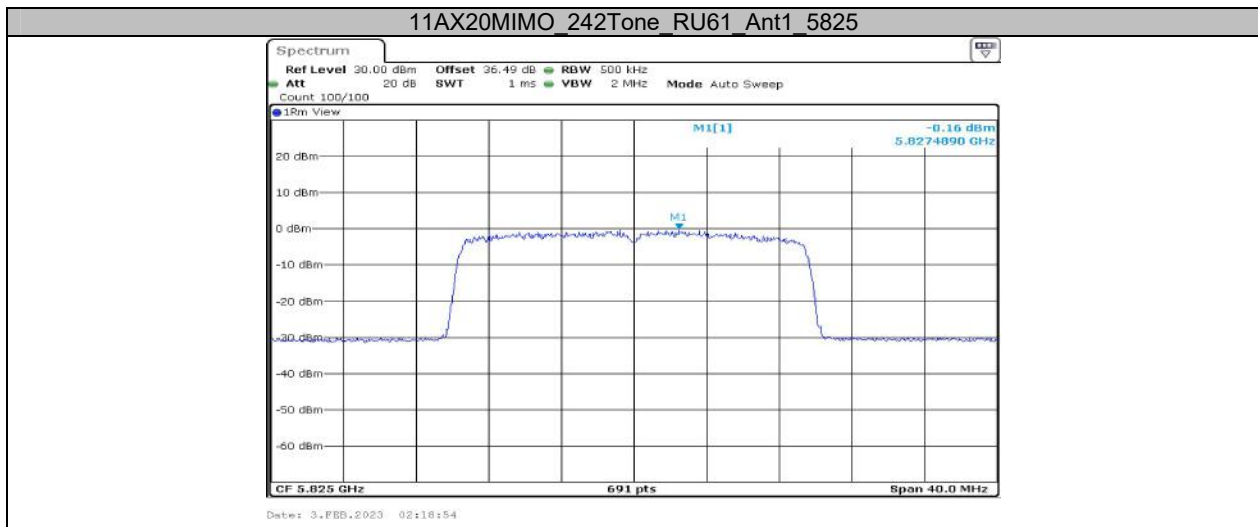


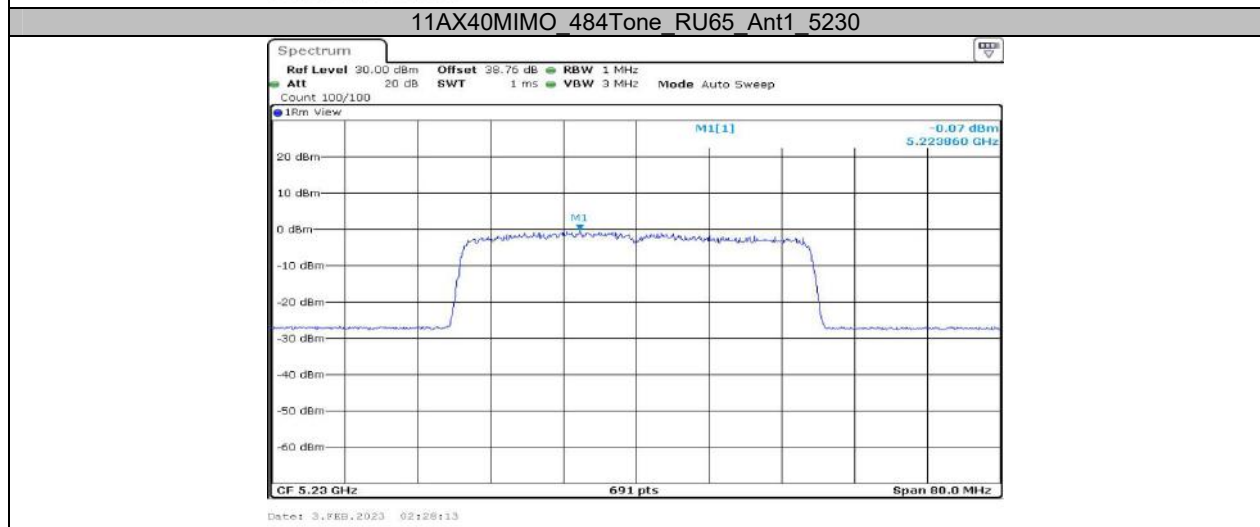
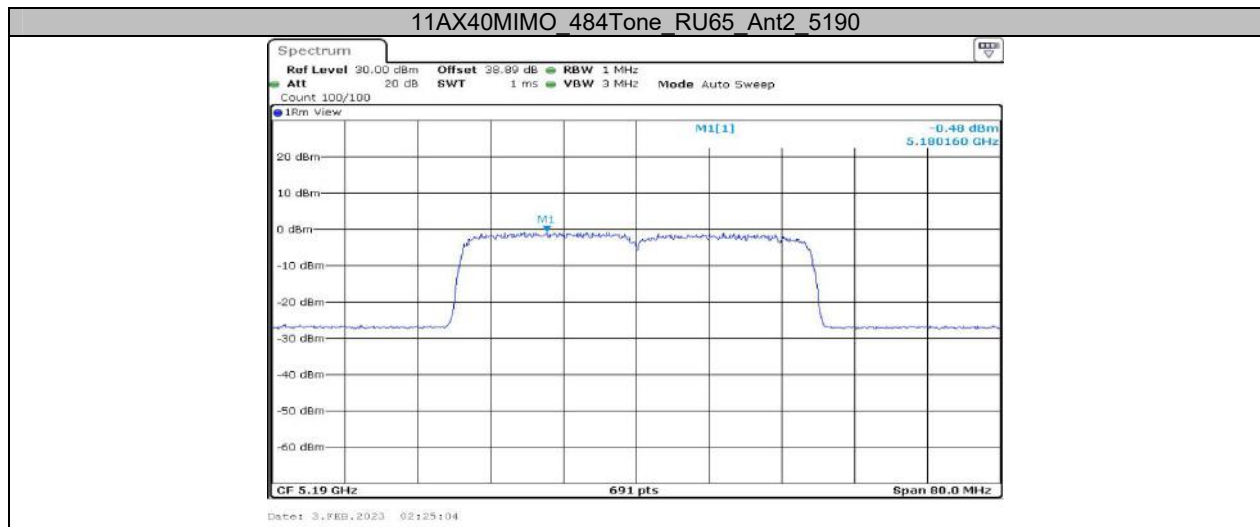


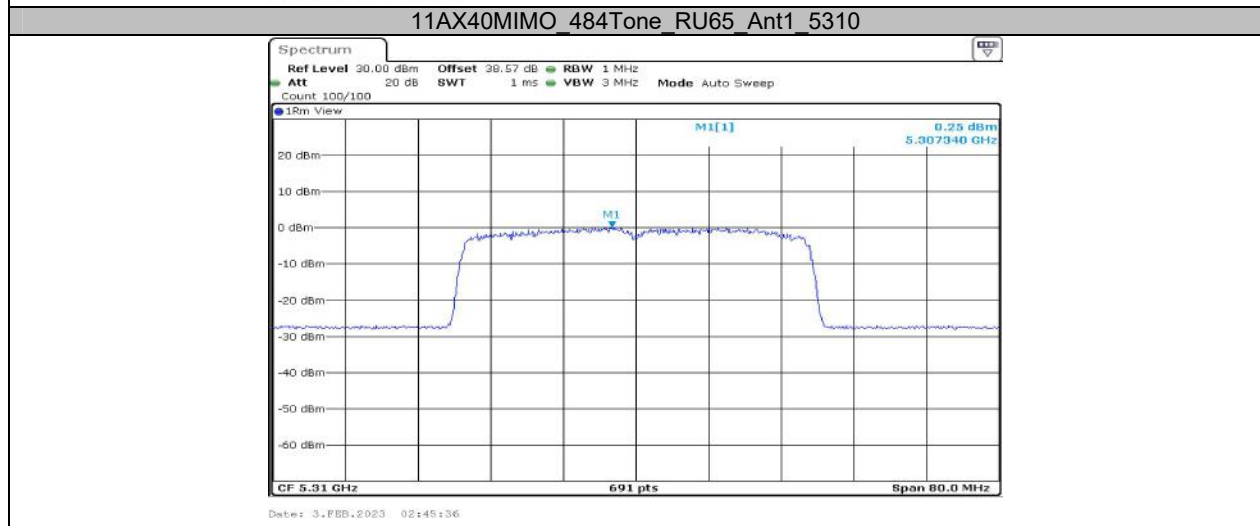
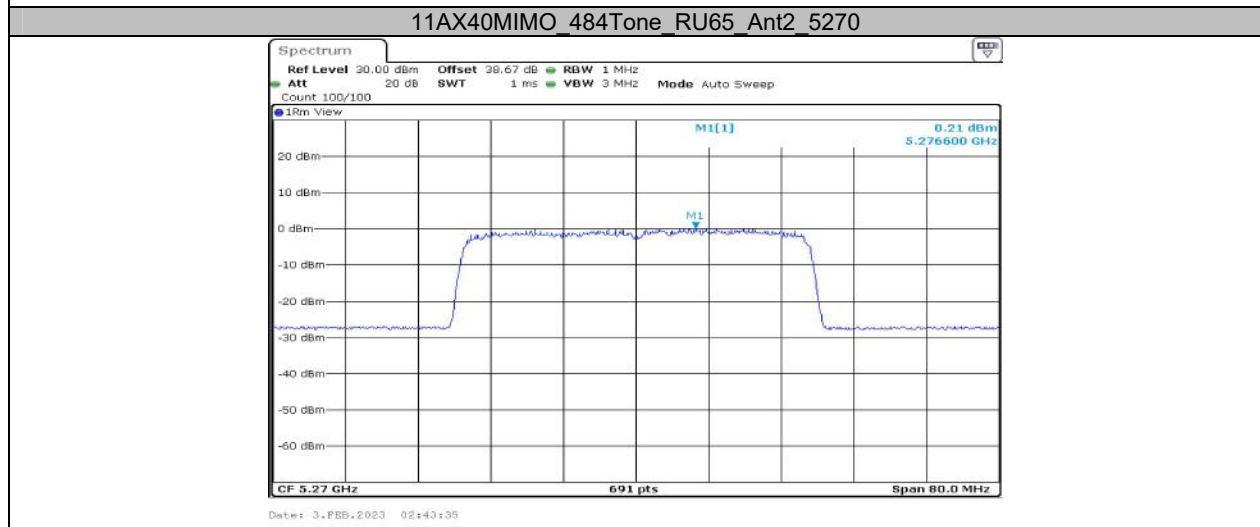
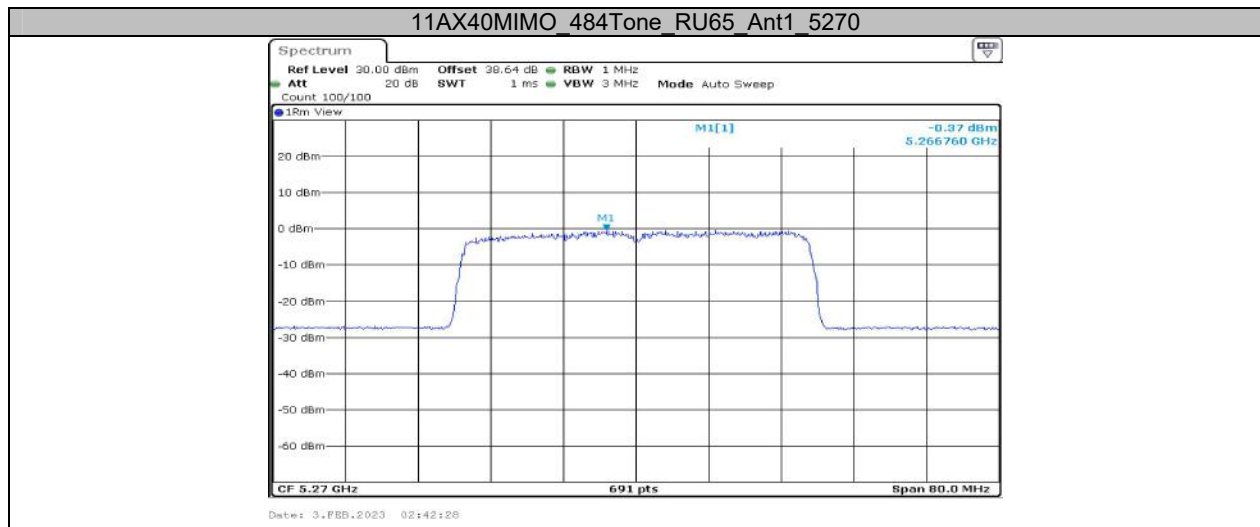


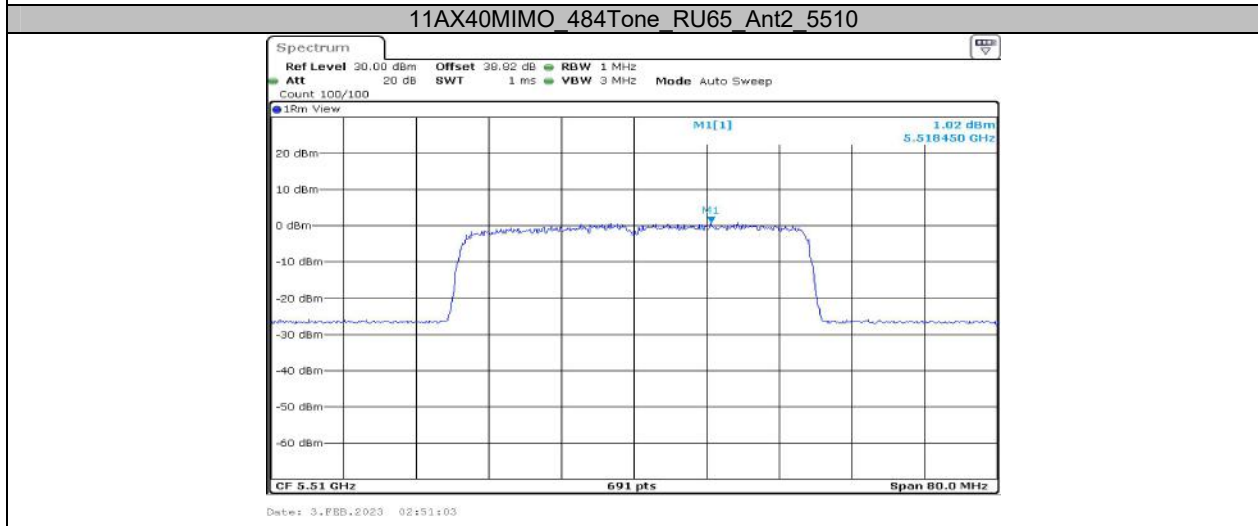
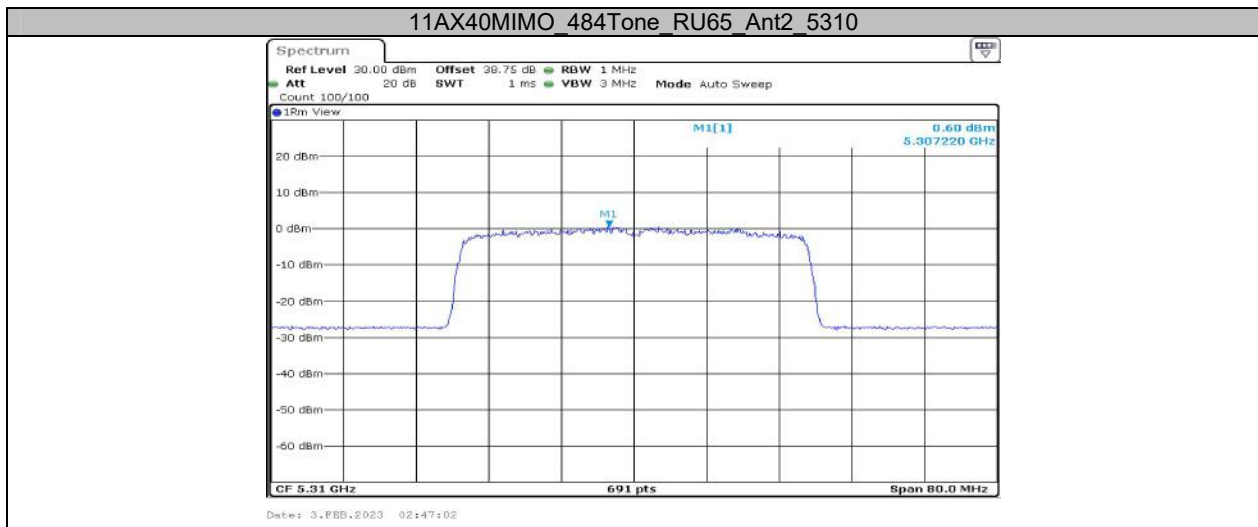


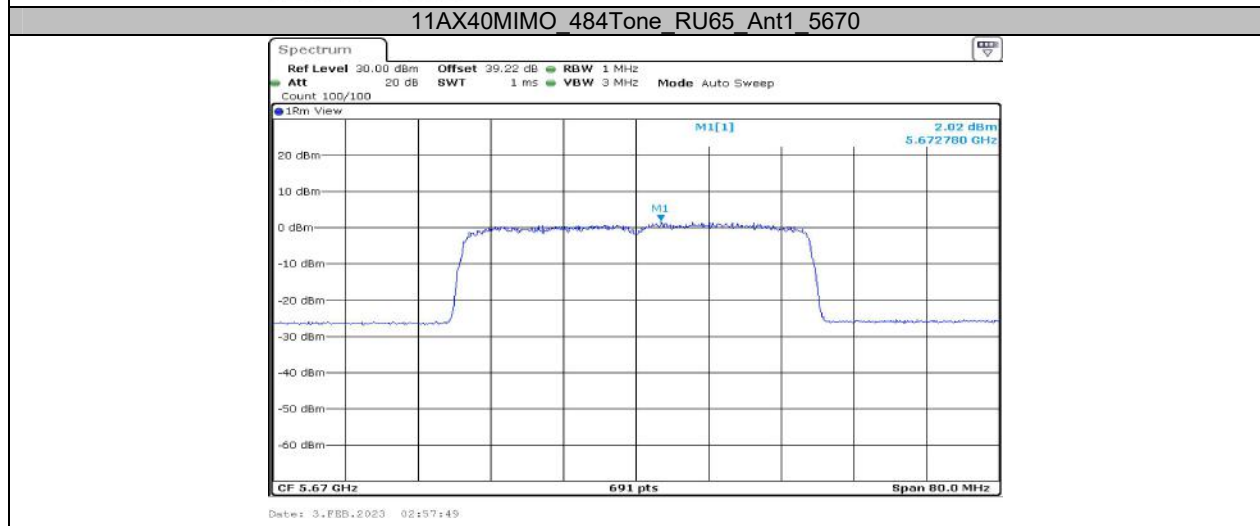


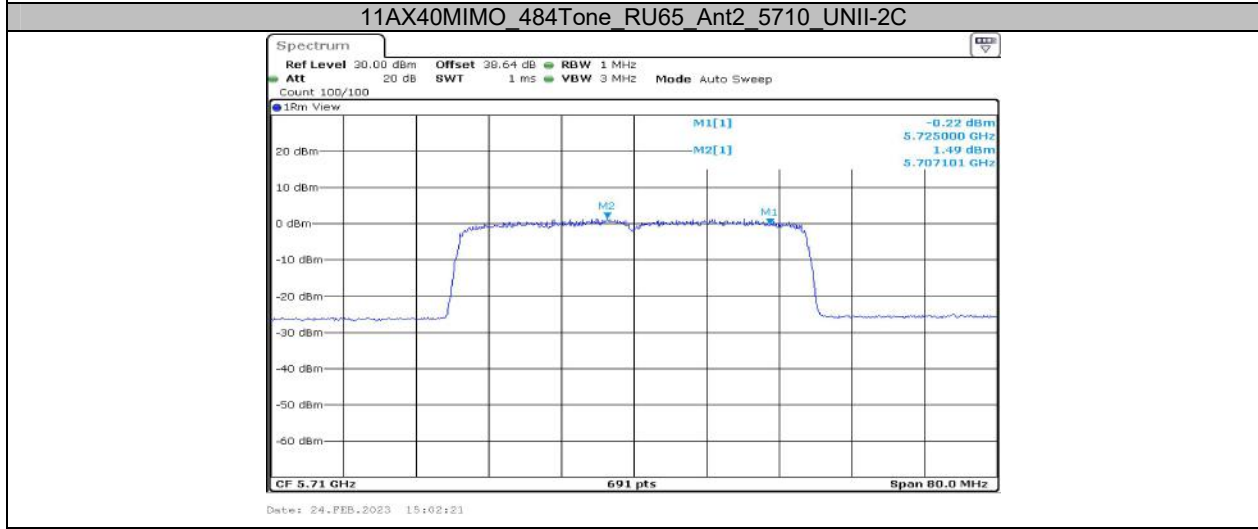
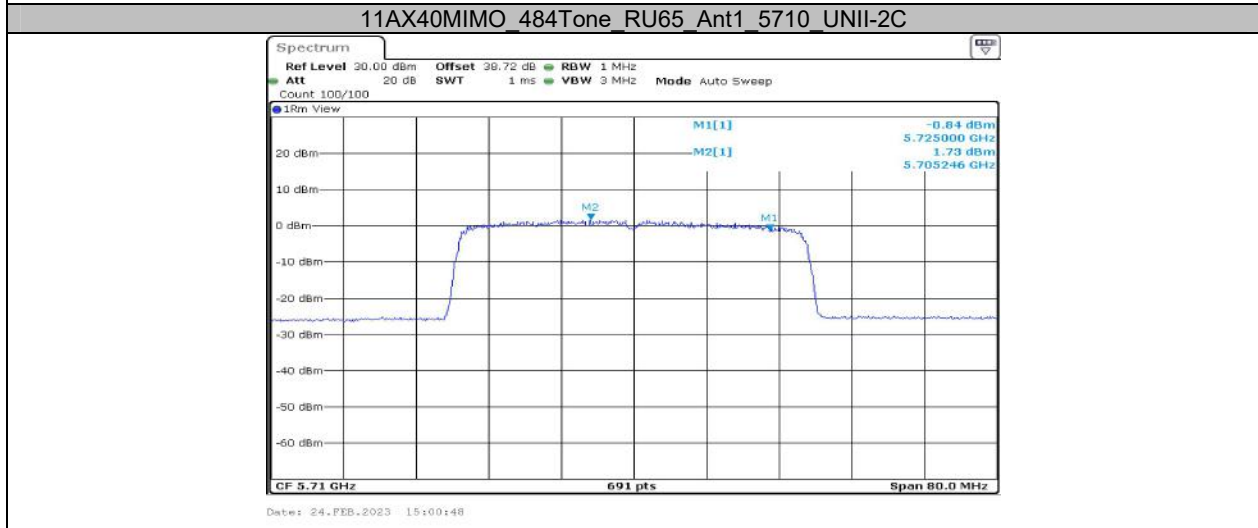
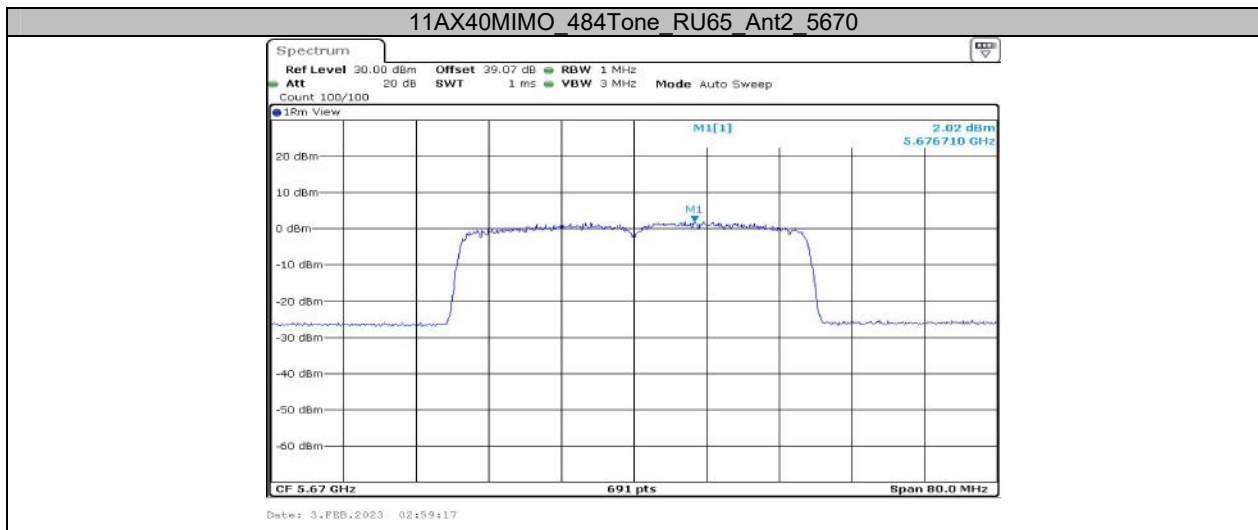


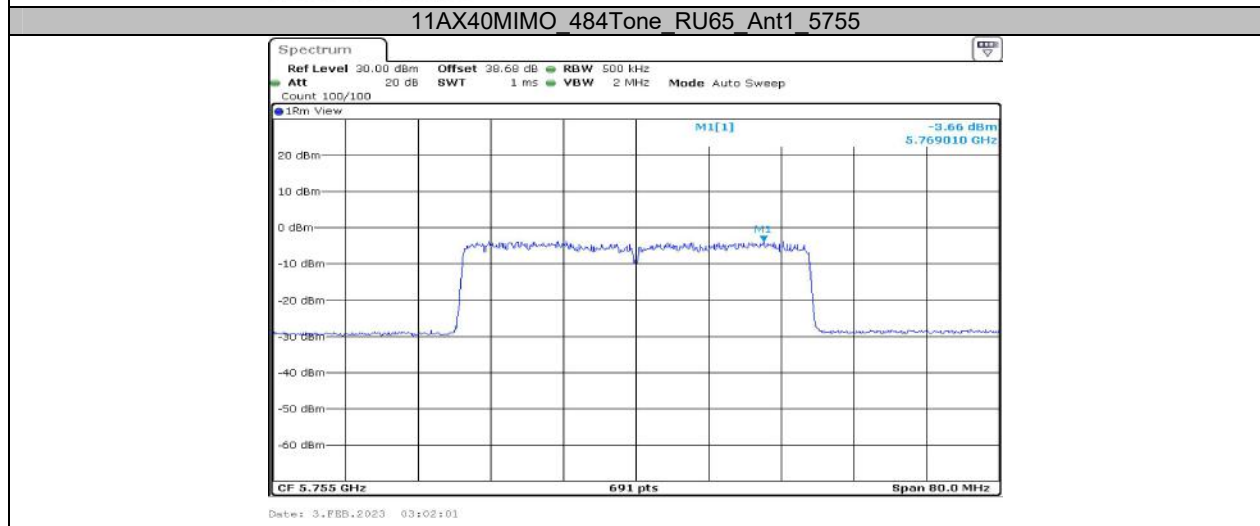
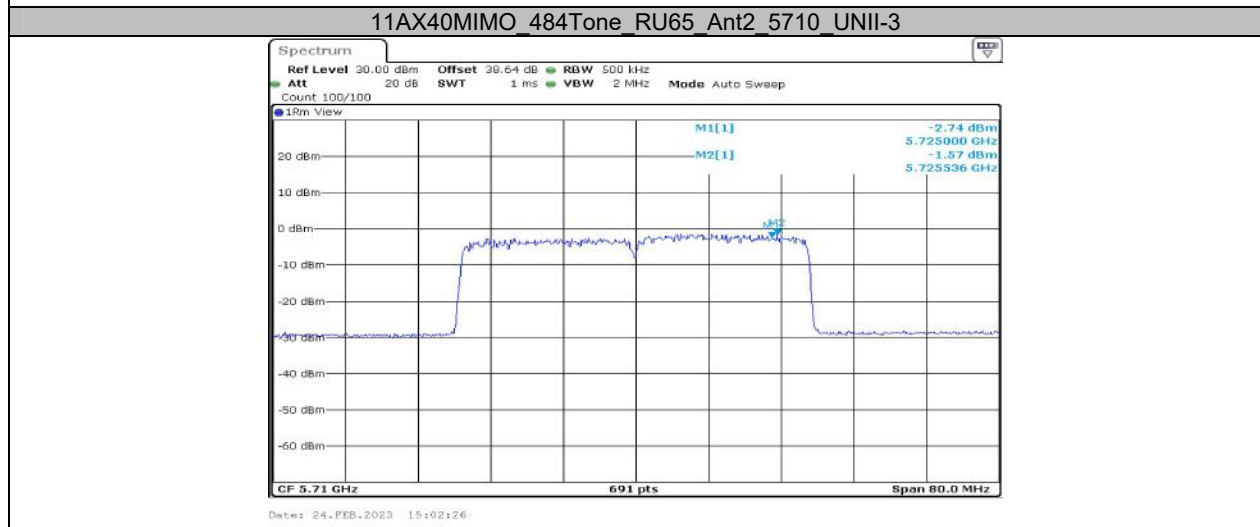
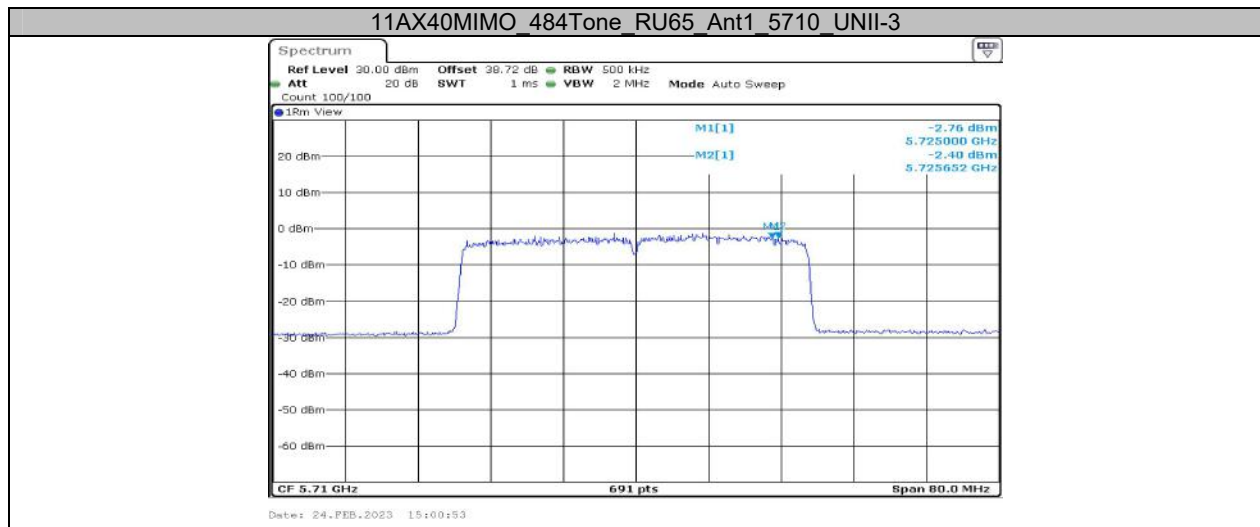


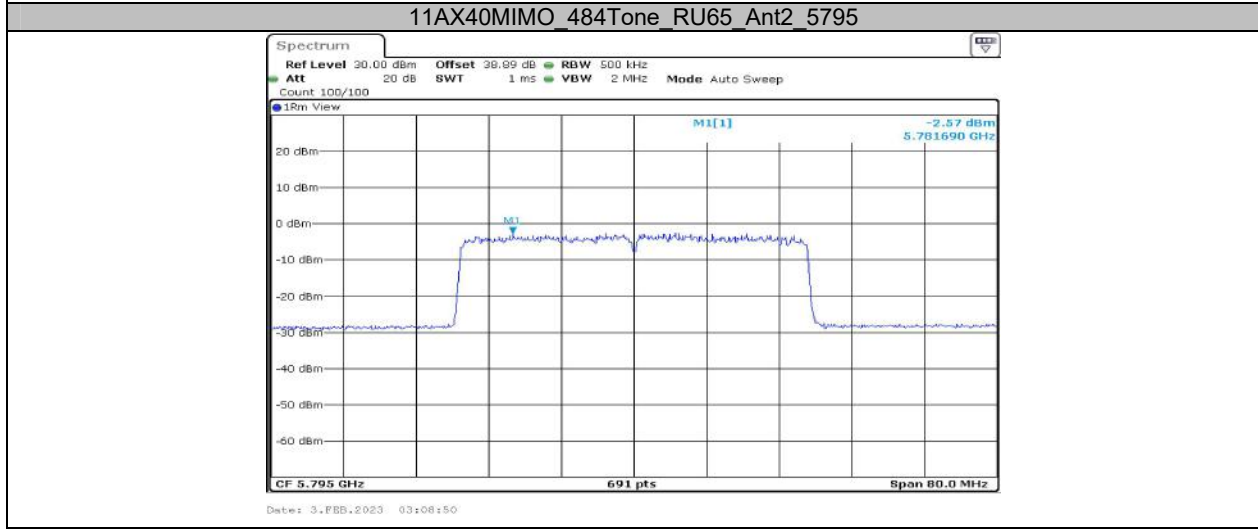
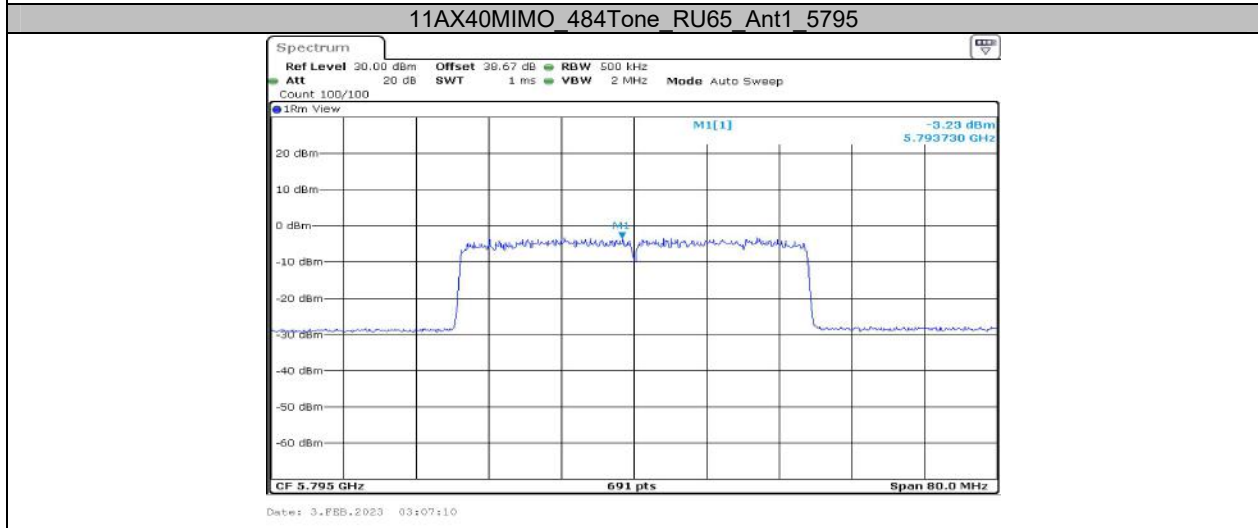
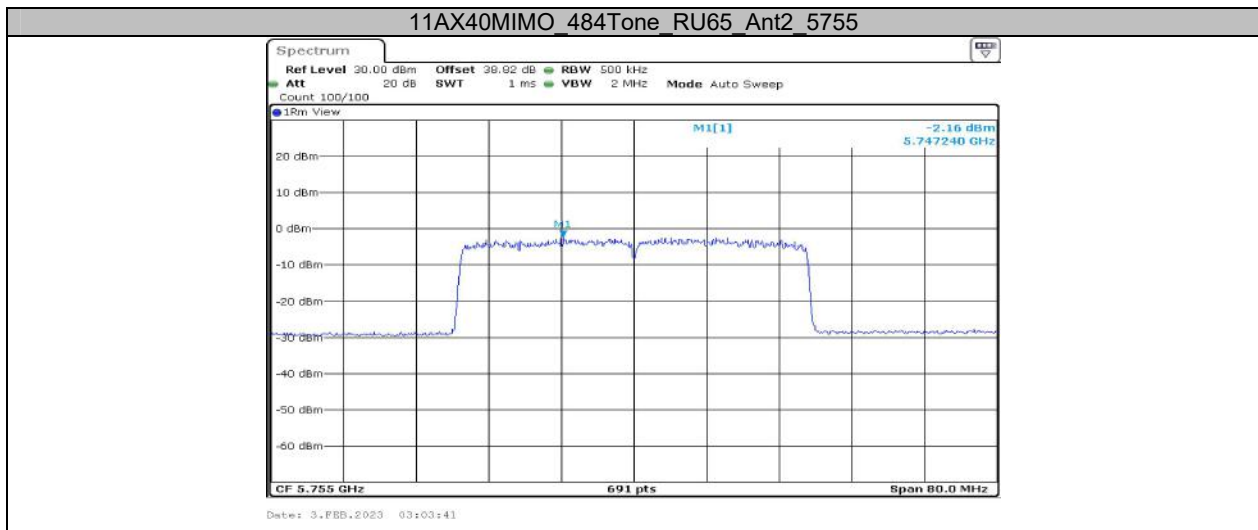


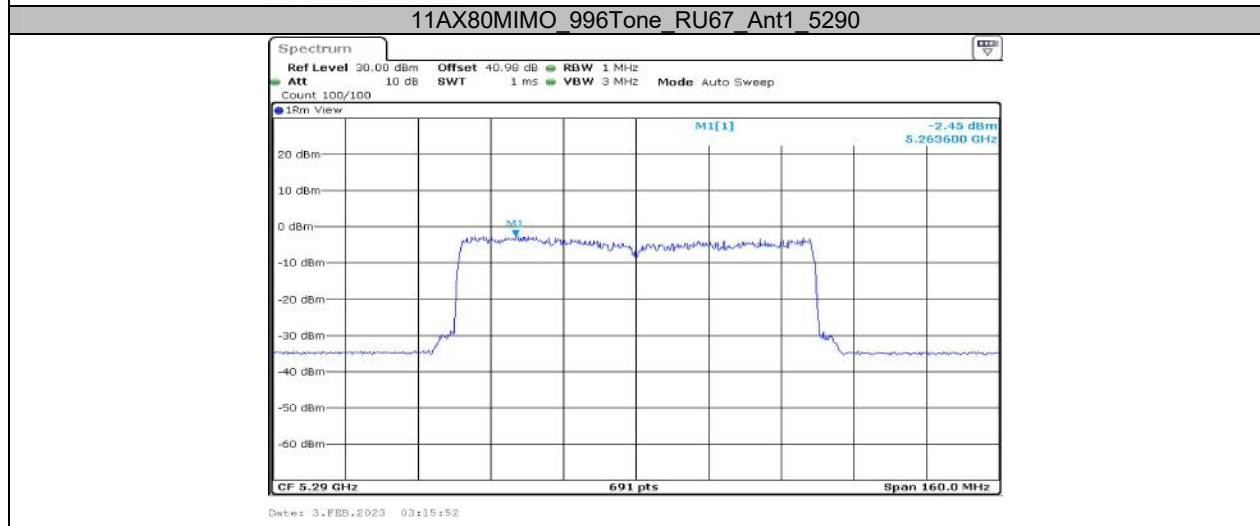
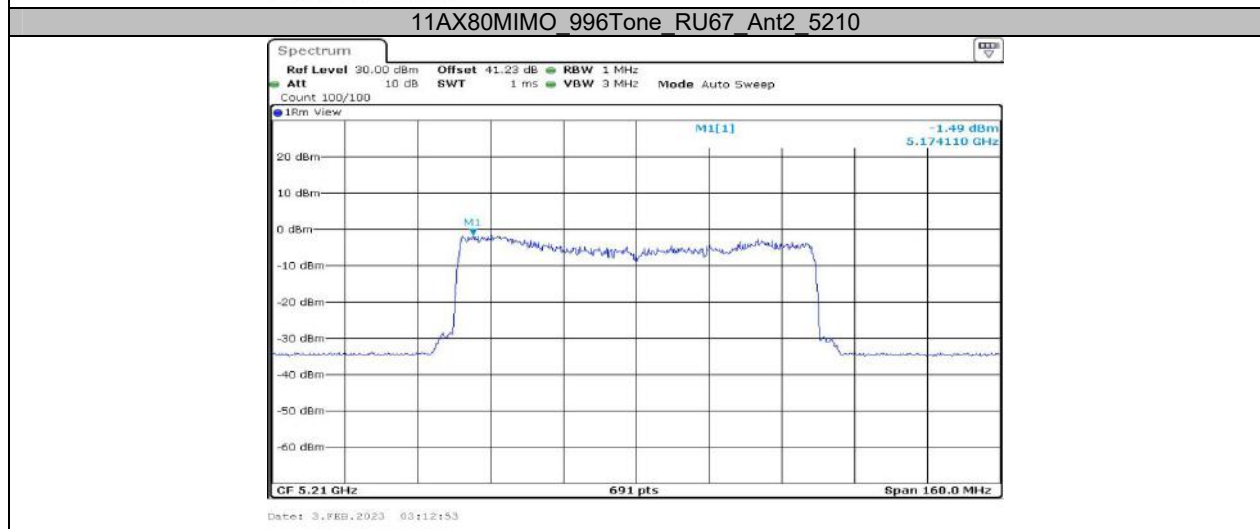
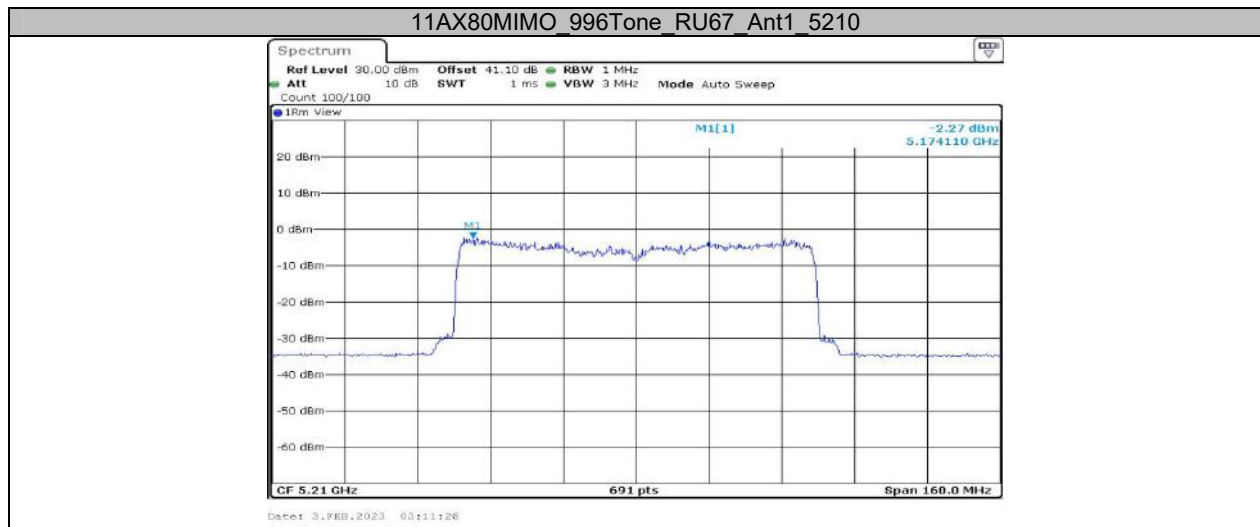


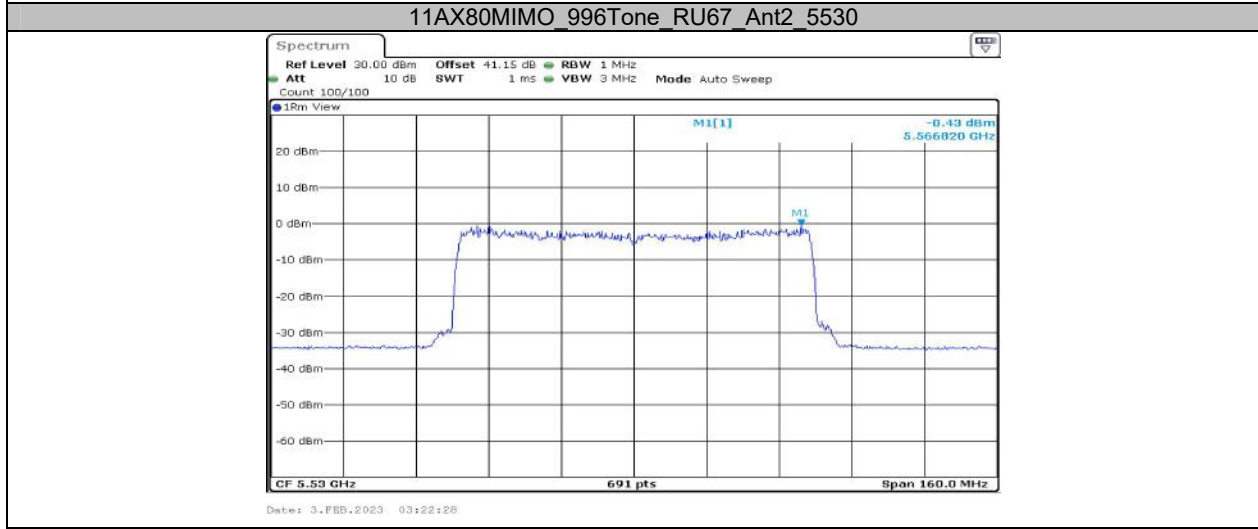
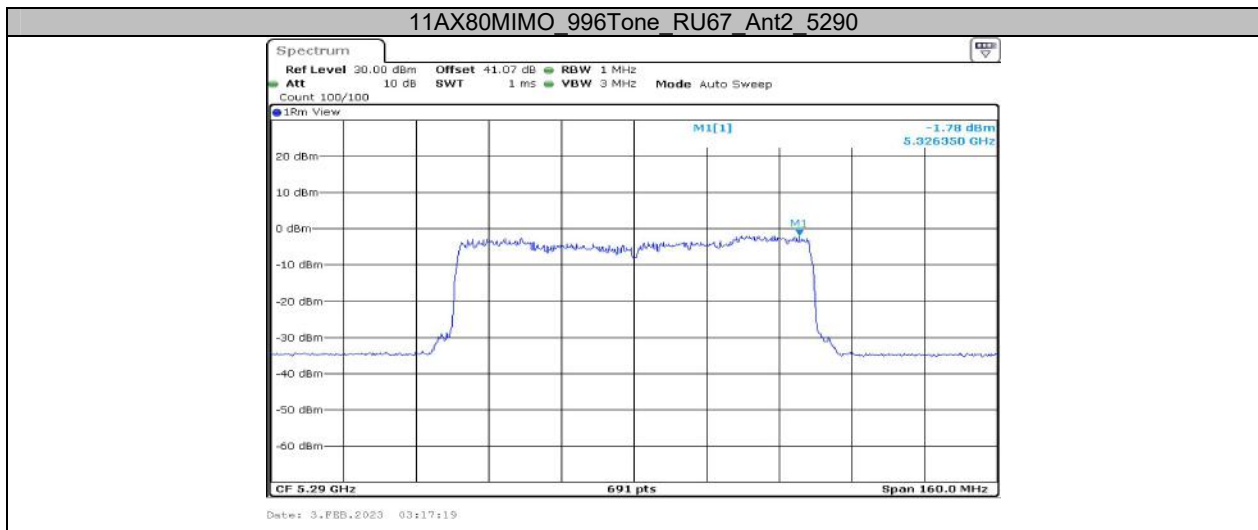


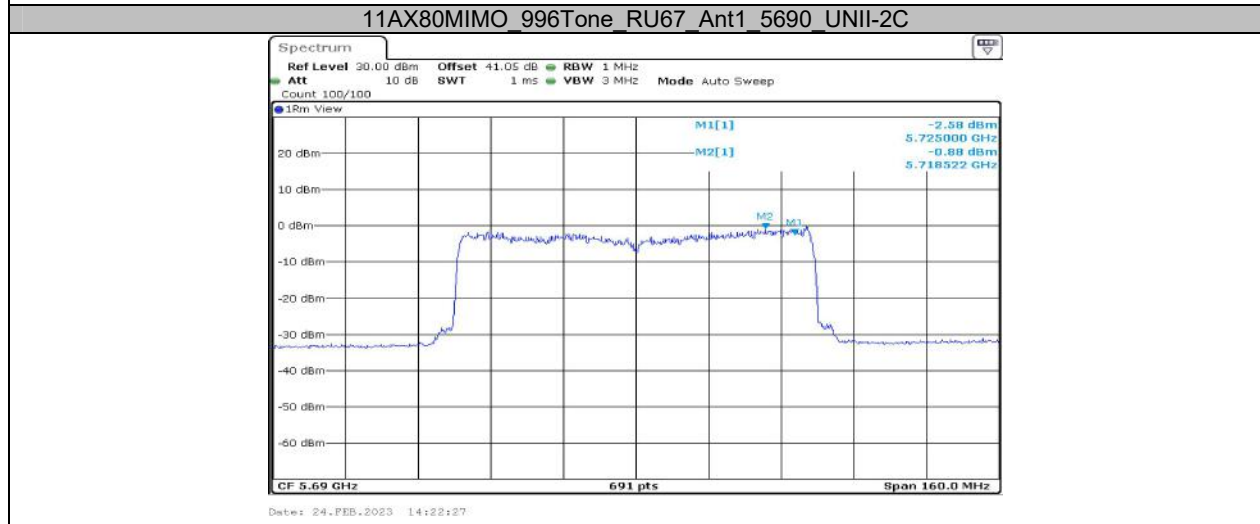
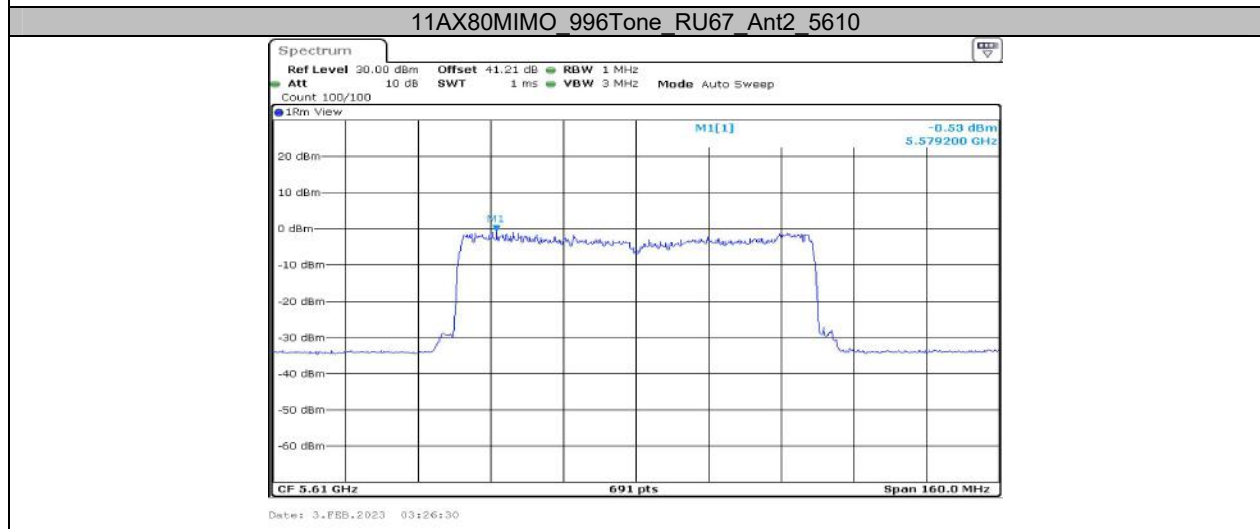


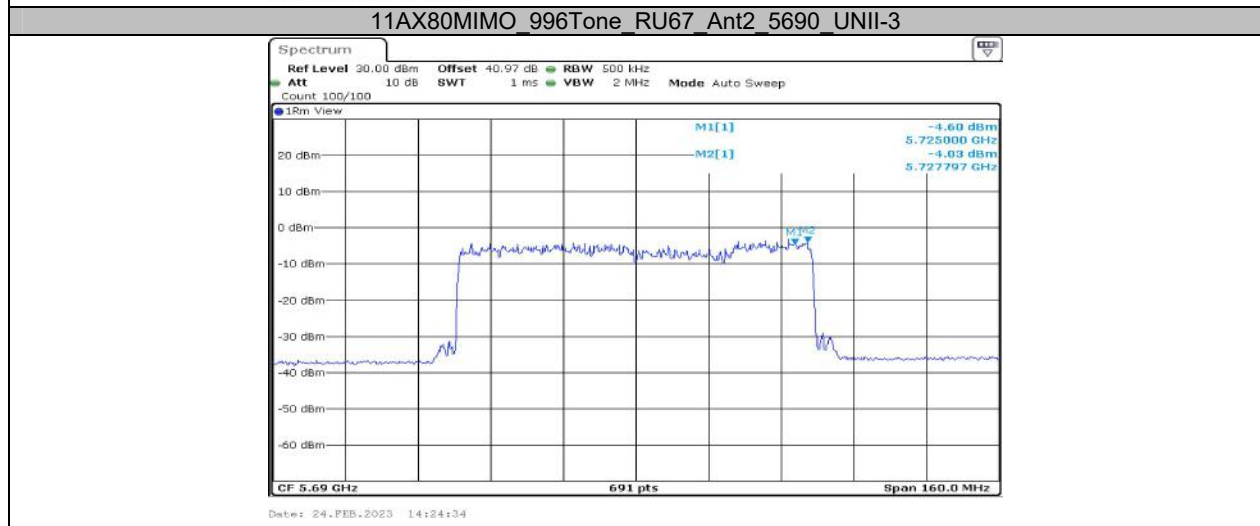
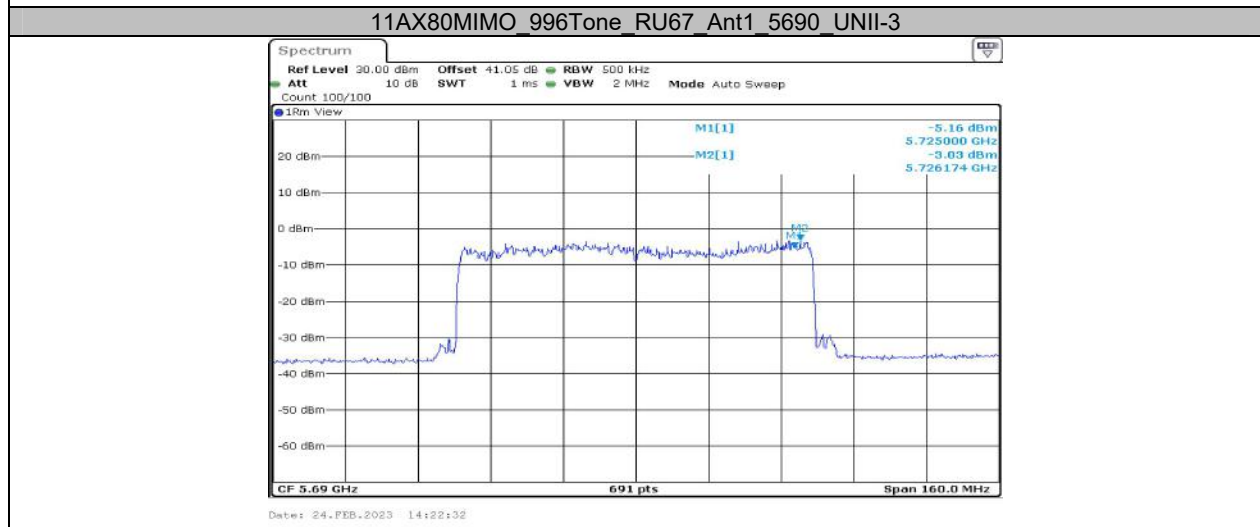


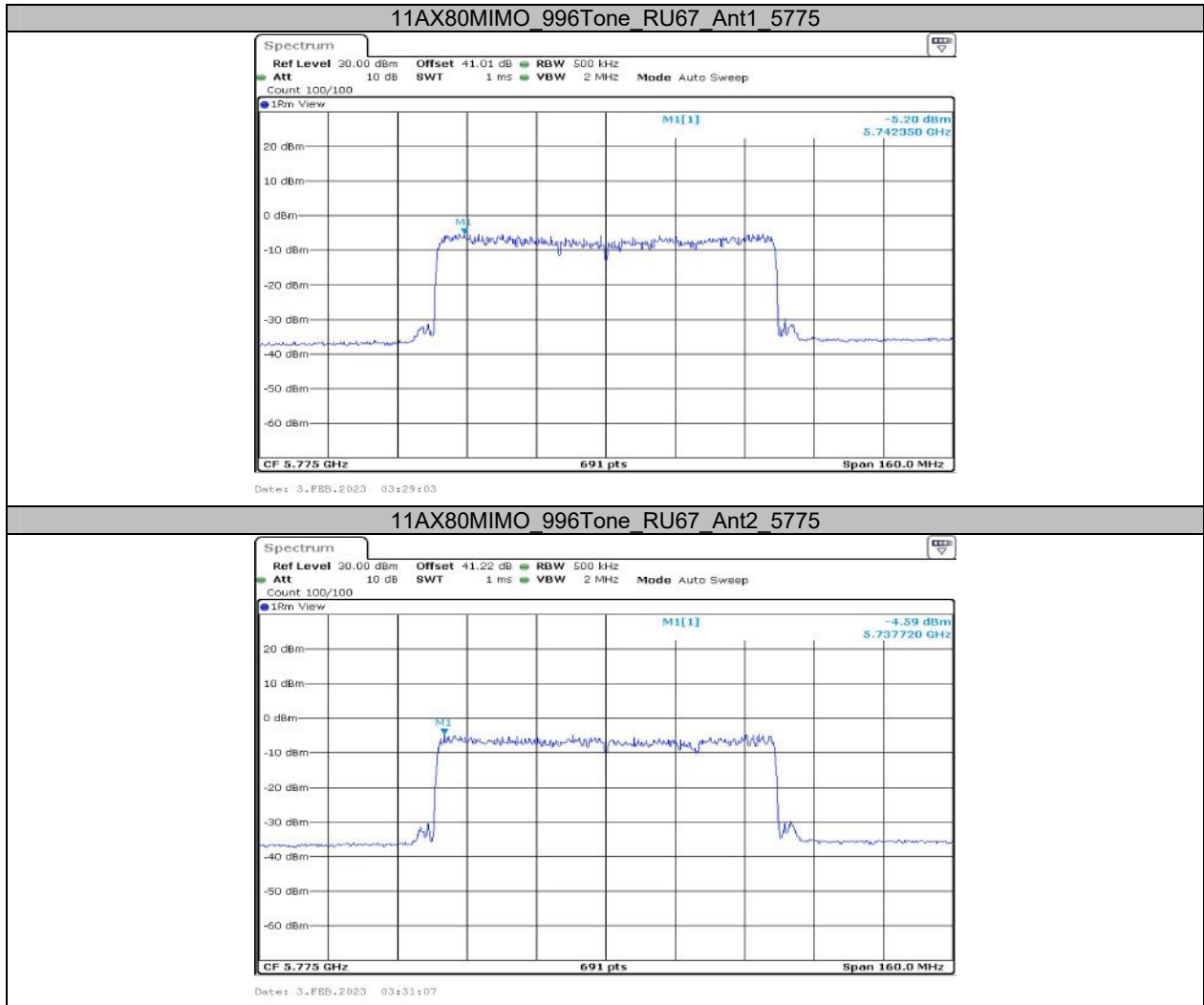












******* END OF REPORT *******