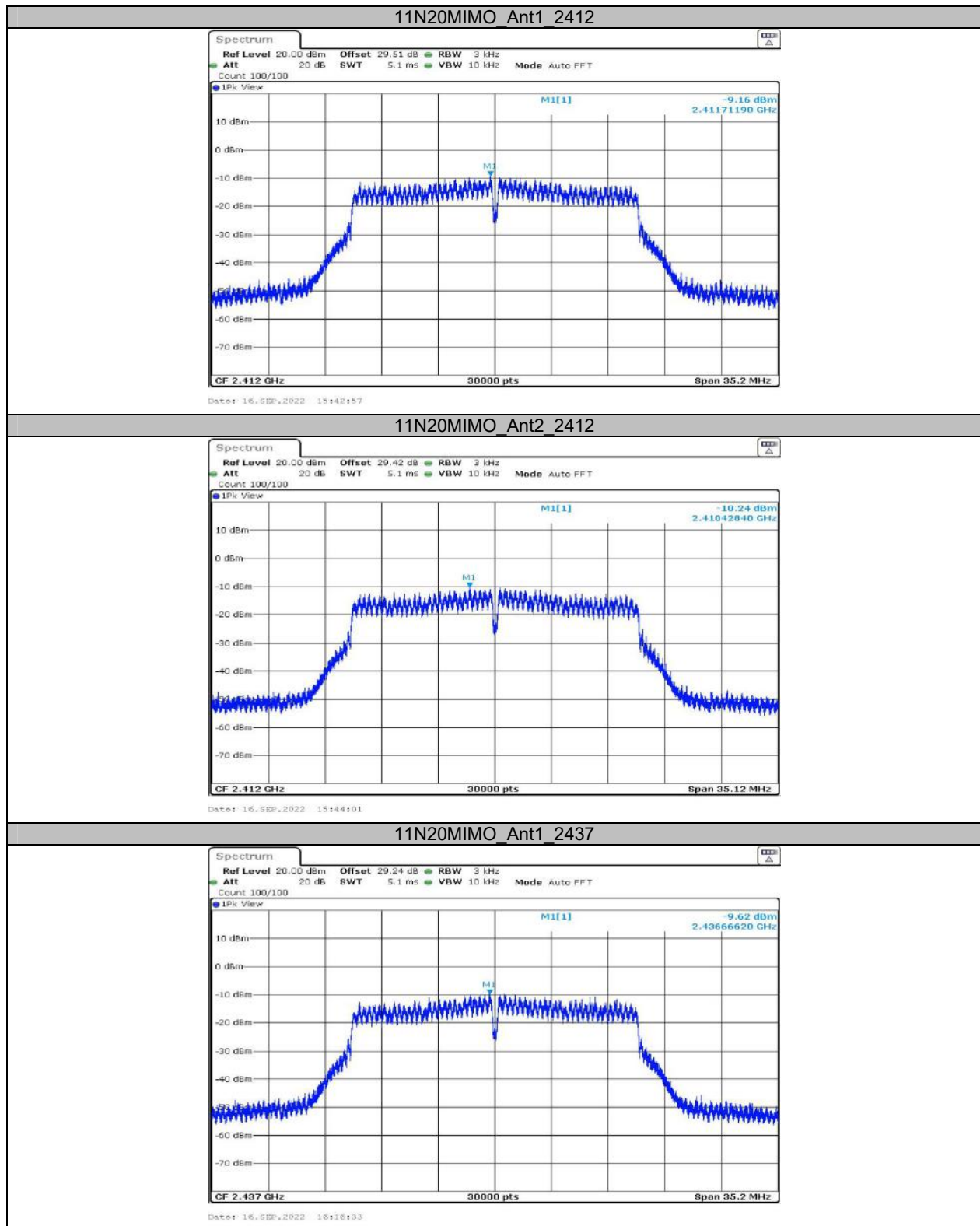
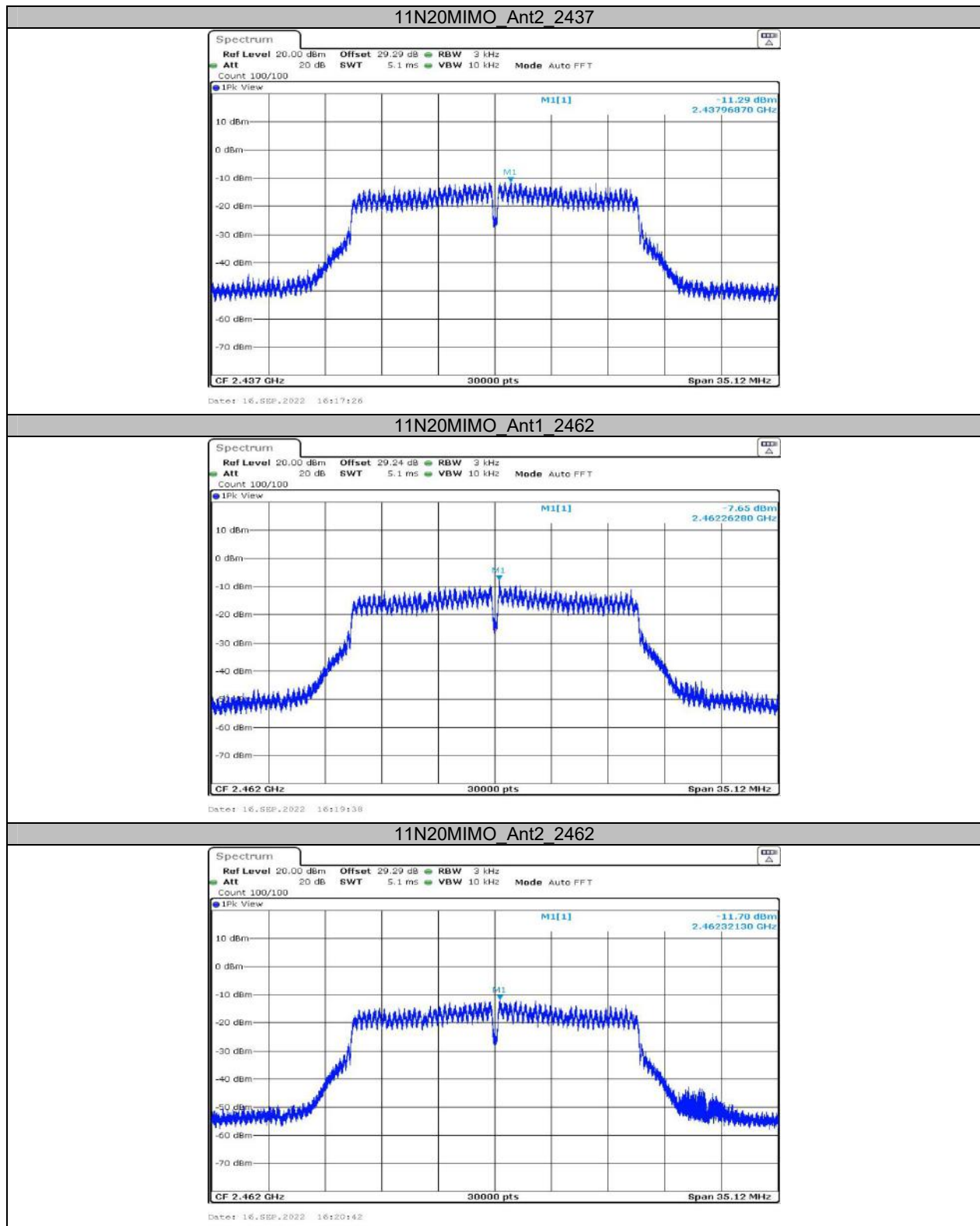
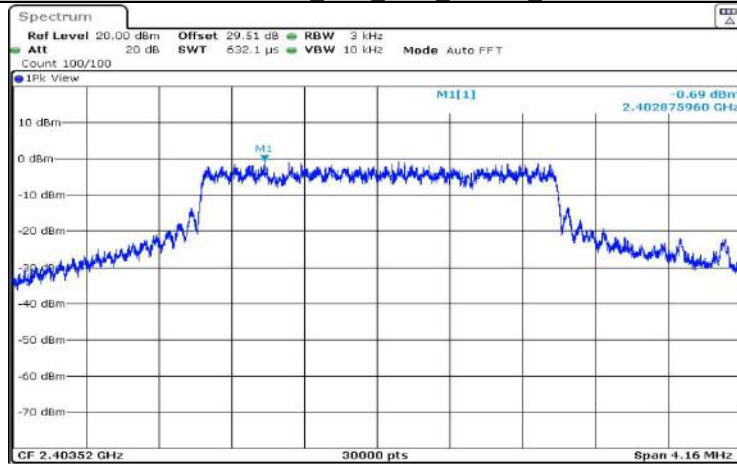




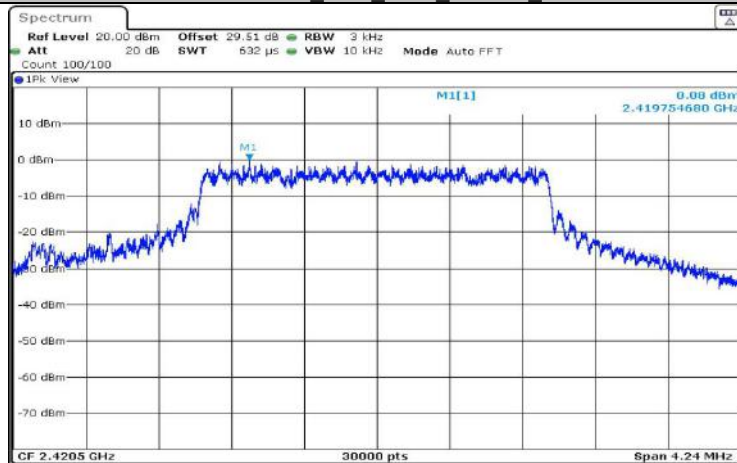


11AX20MIMO_Ant1_2412_26Tone_RU0



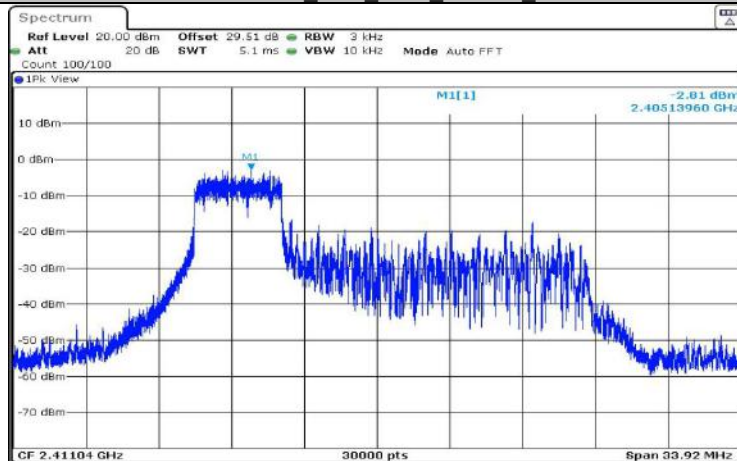
Date: 17.SEP.2022 09:18:03

11AX20MIMO_Ant1_2412_26Tone_RU8

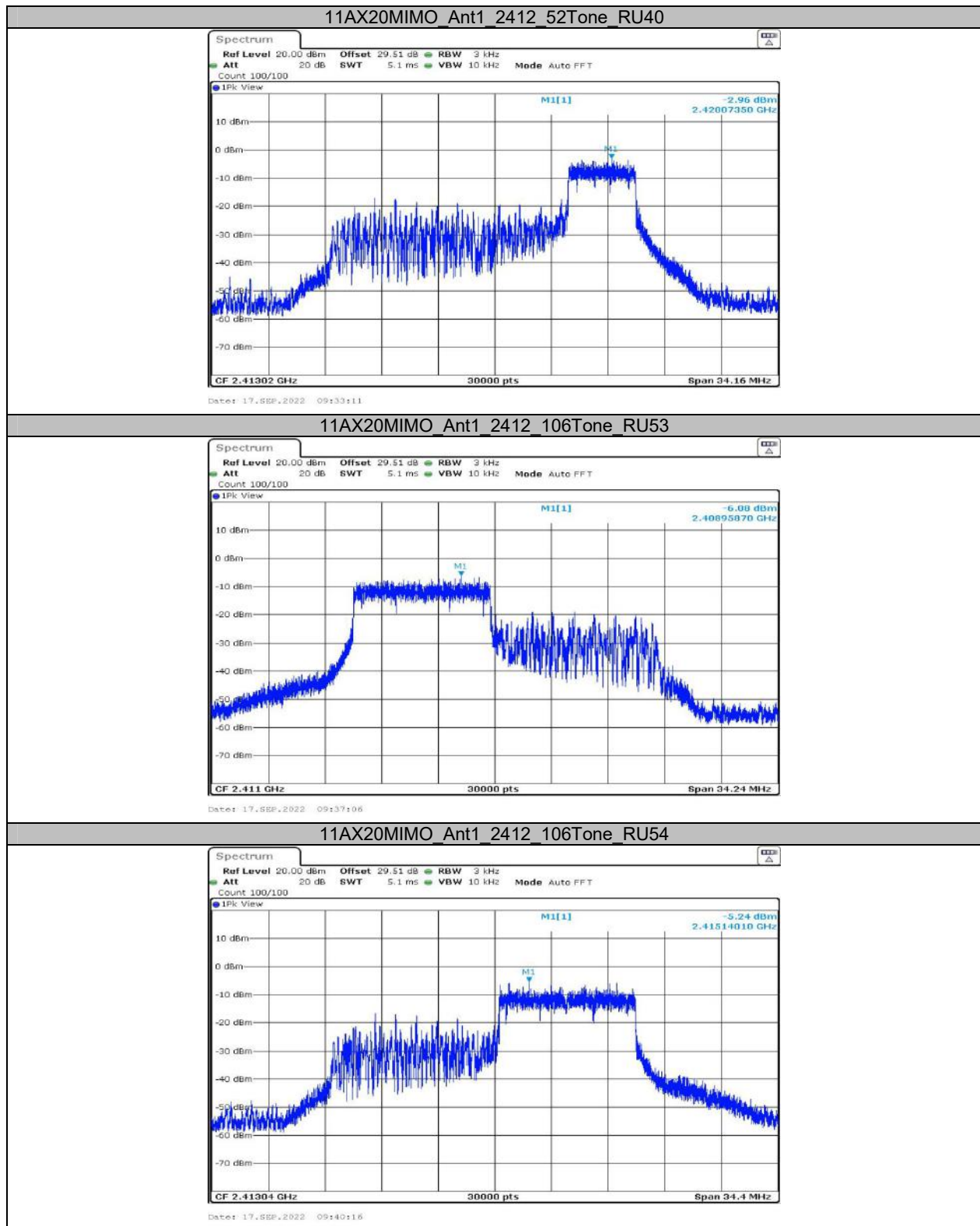


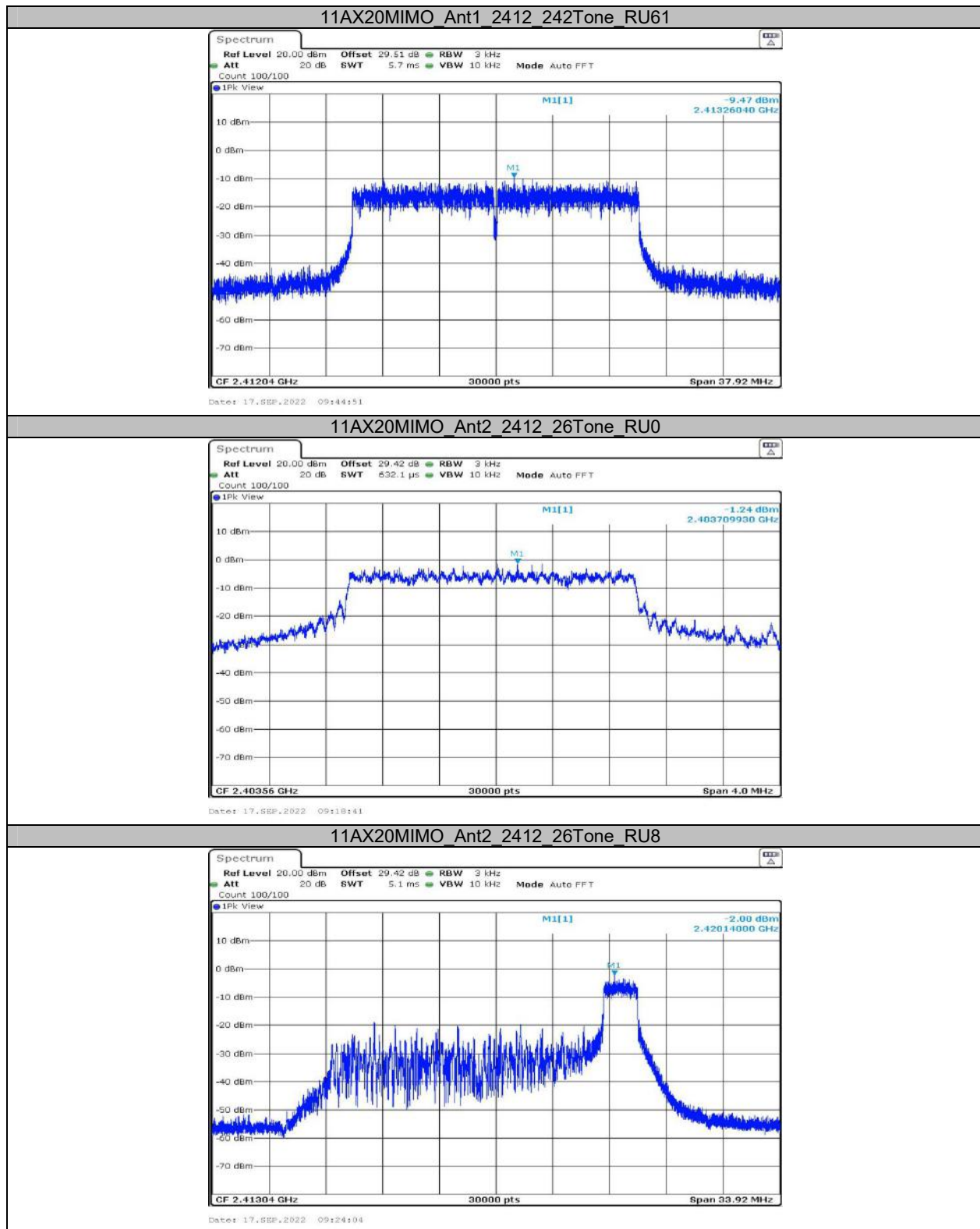
Date: 17.SEP.2022 09:20:41

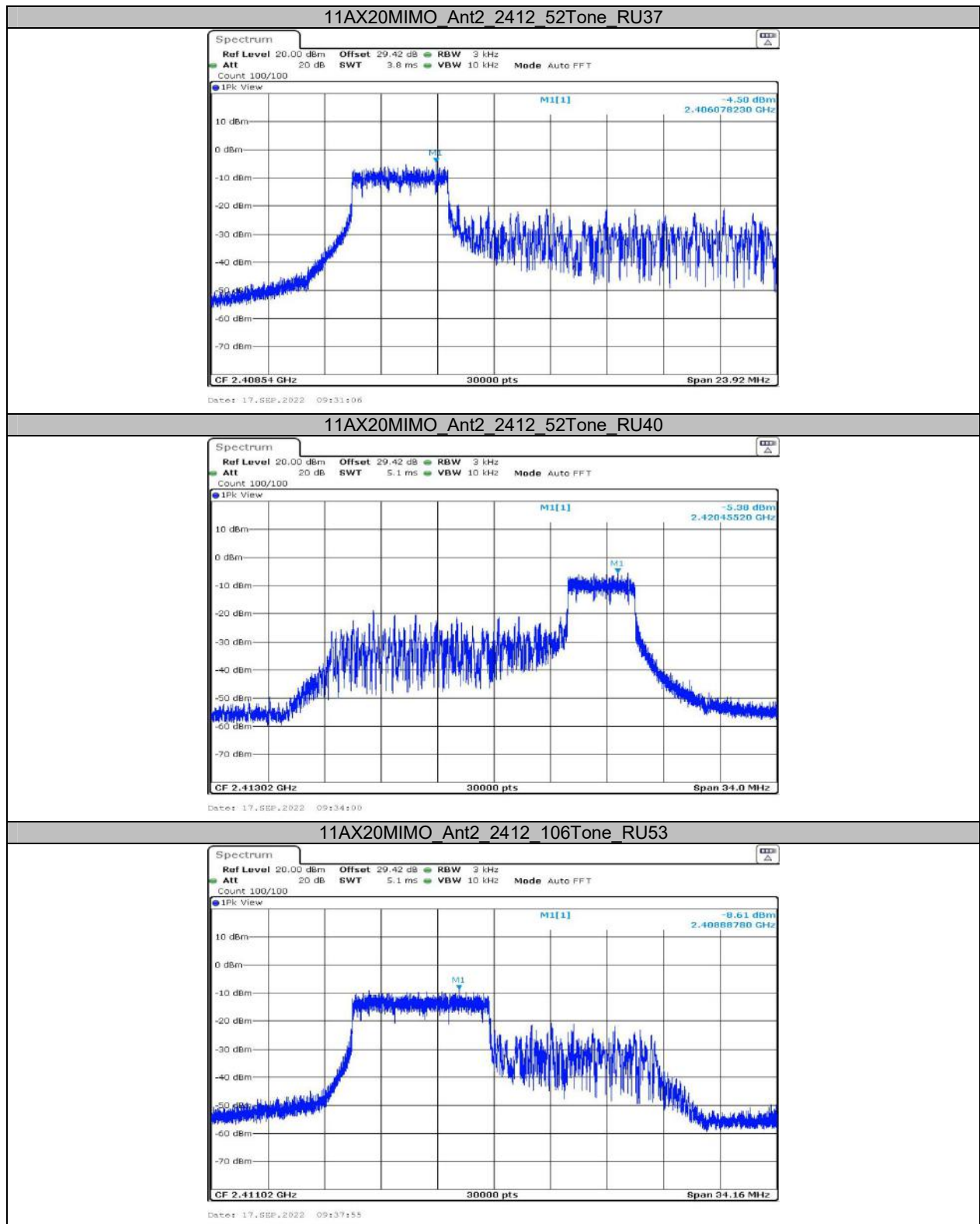
11AX20MIMO_Ant1_2412_52Tone_RU37

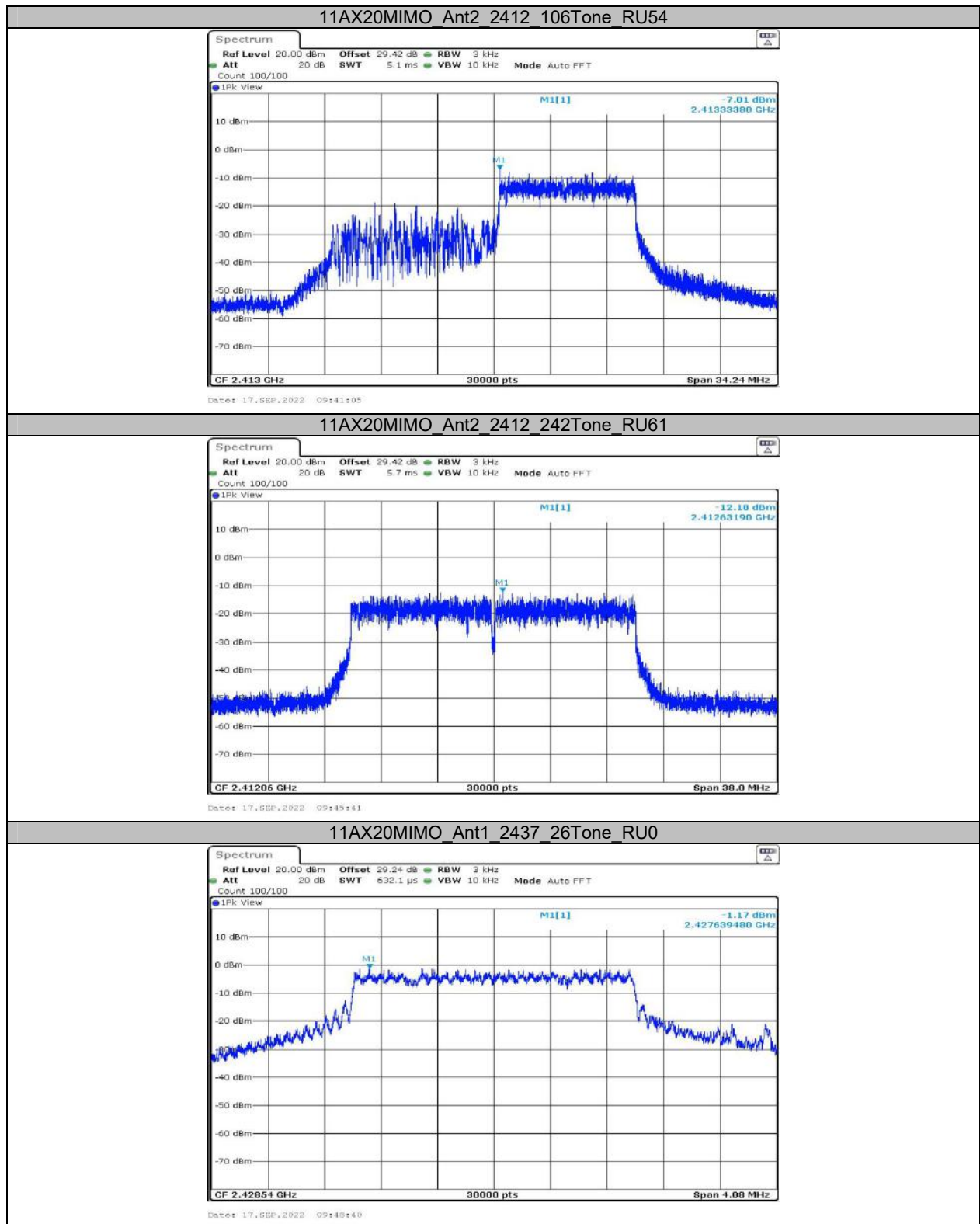


Date: 17.SEP.2022 09:29:00

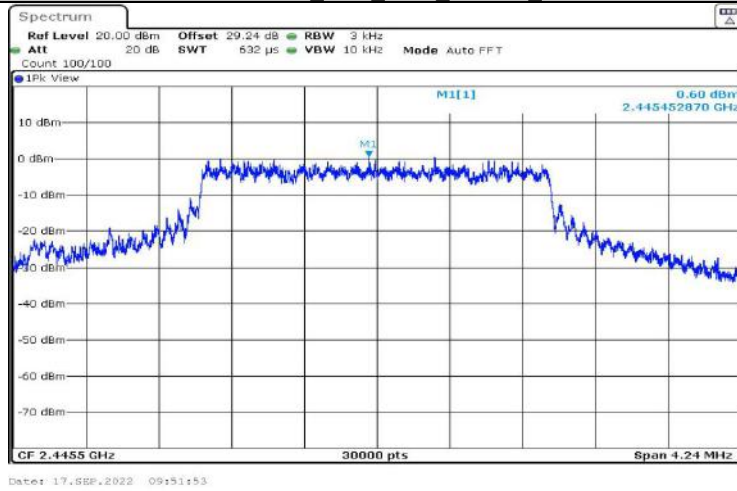




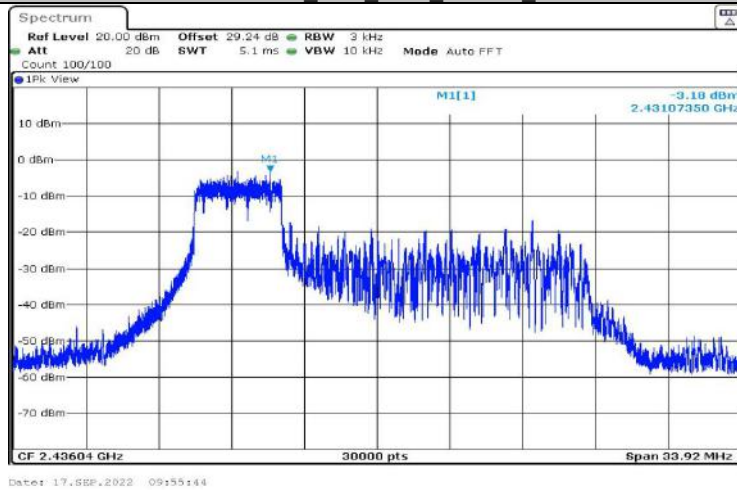




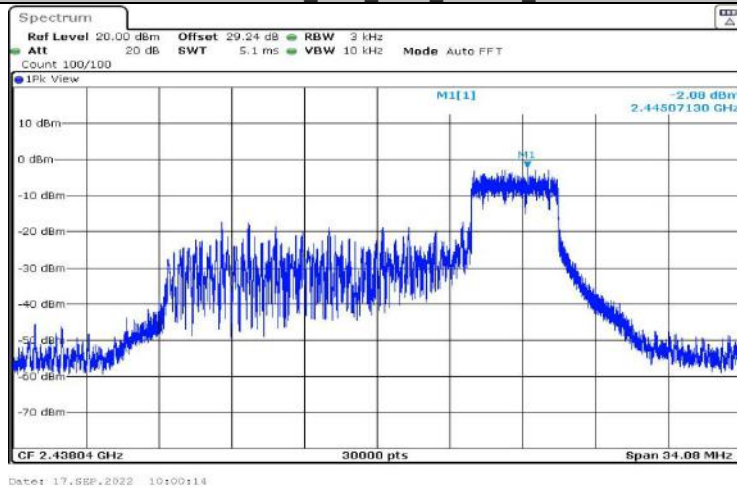
11AX20MIMO_Ant1_2437_26Tone_RU8

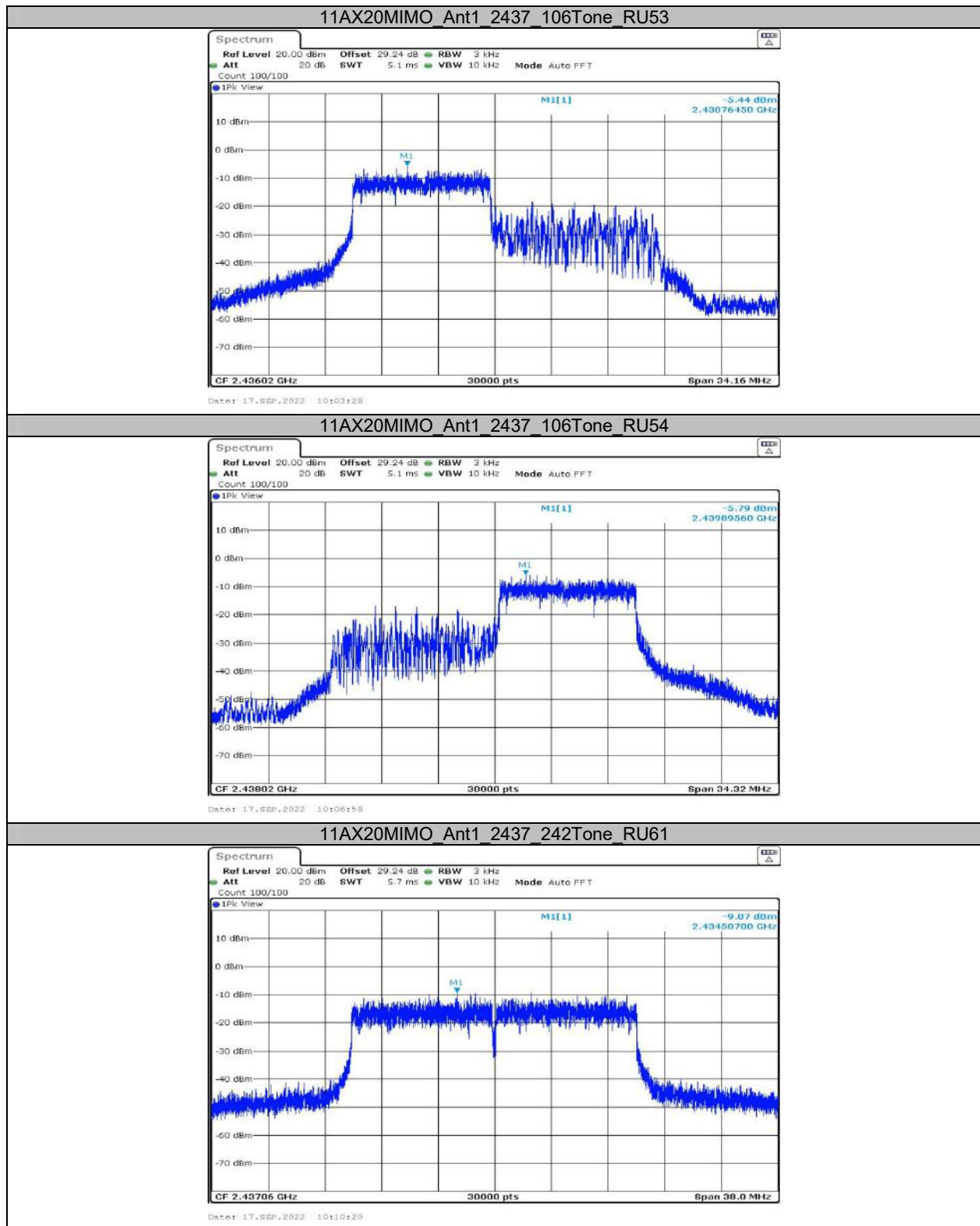


11AX20MIMO_Ant1_2437_52Tone_RU37

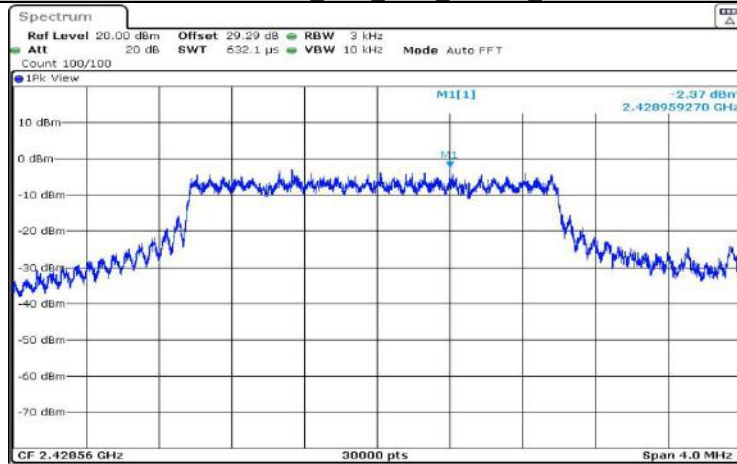


11AX20MIMO_Ant1_2437_52Tone_RU40



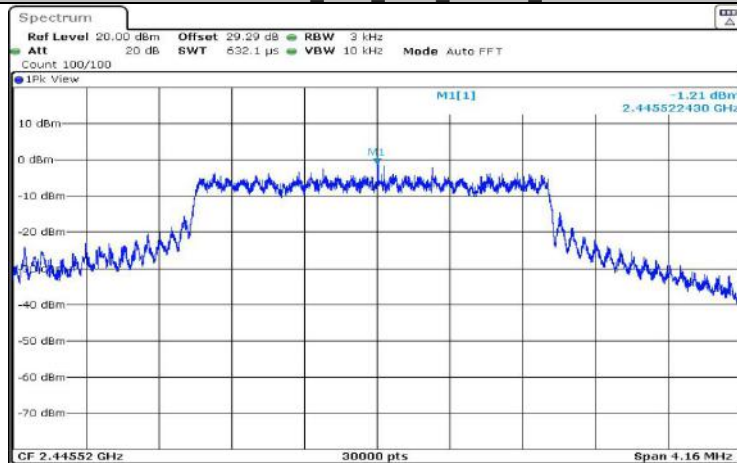


11AX20MIMO_Ant2_2437_26Tone_RU0



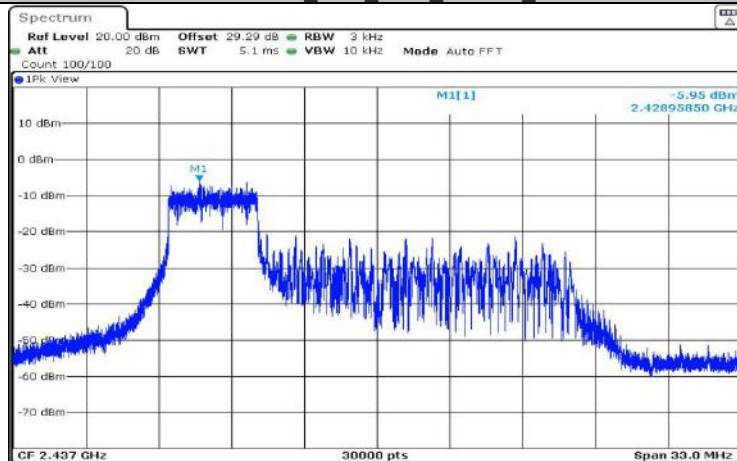
Date: 17-SEP-2022 09:49:18

11AX20MIMO_Ant2_2437_26Tone_RU8

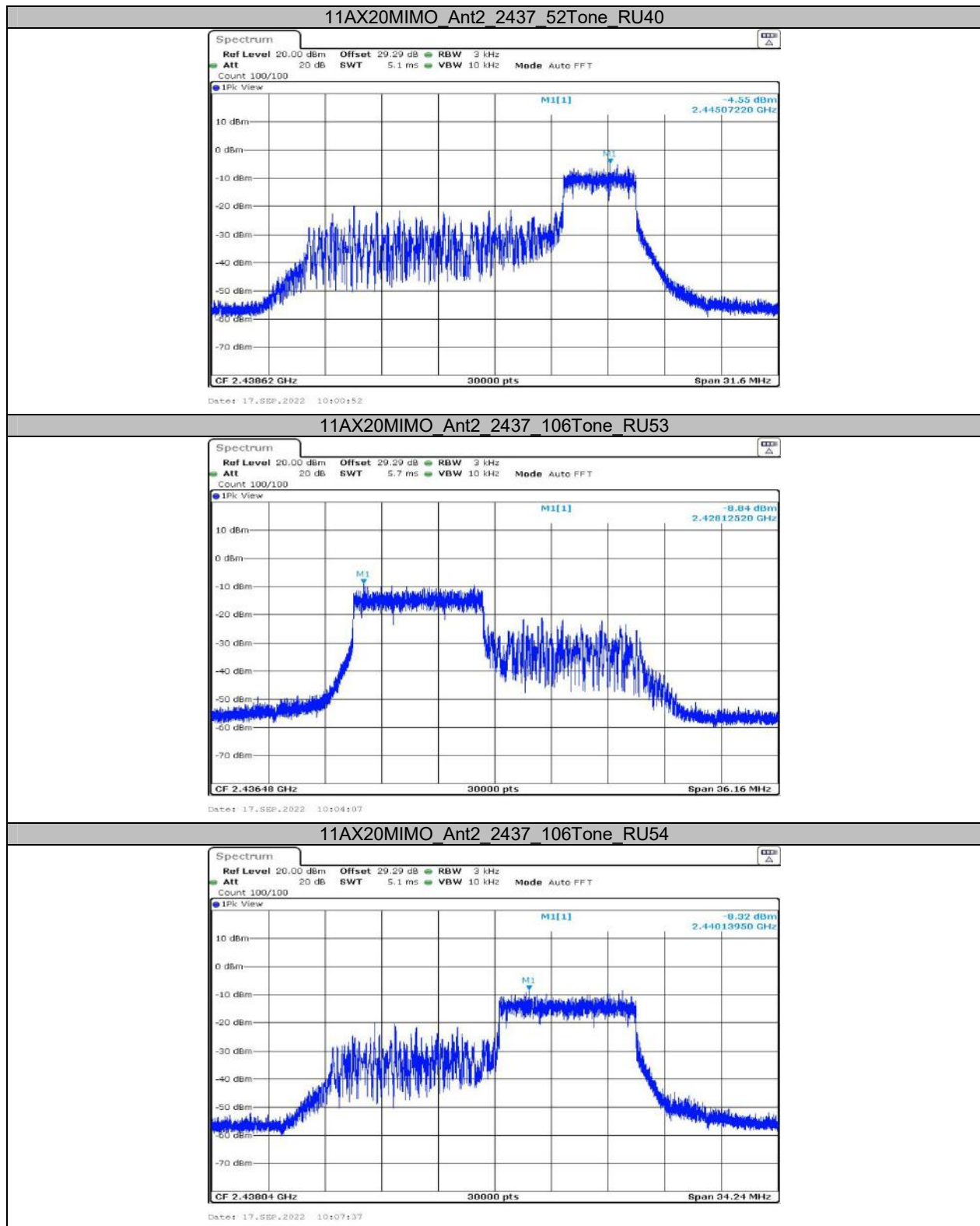


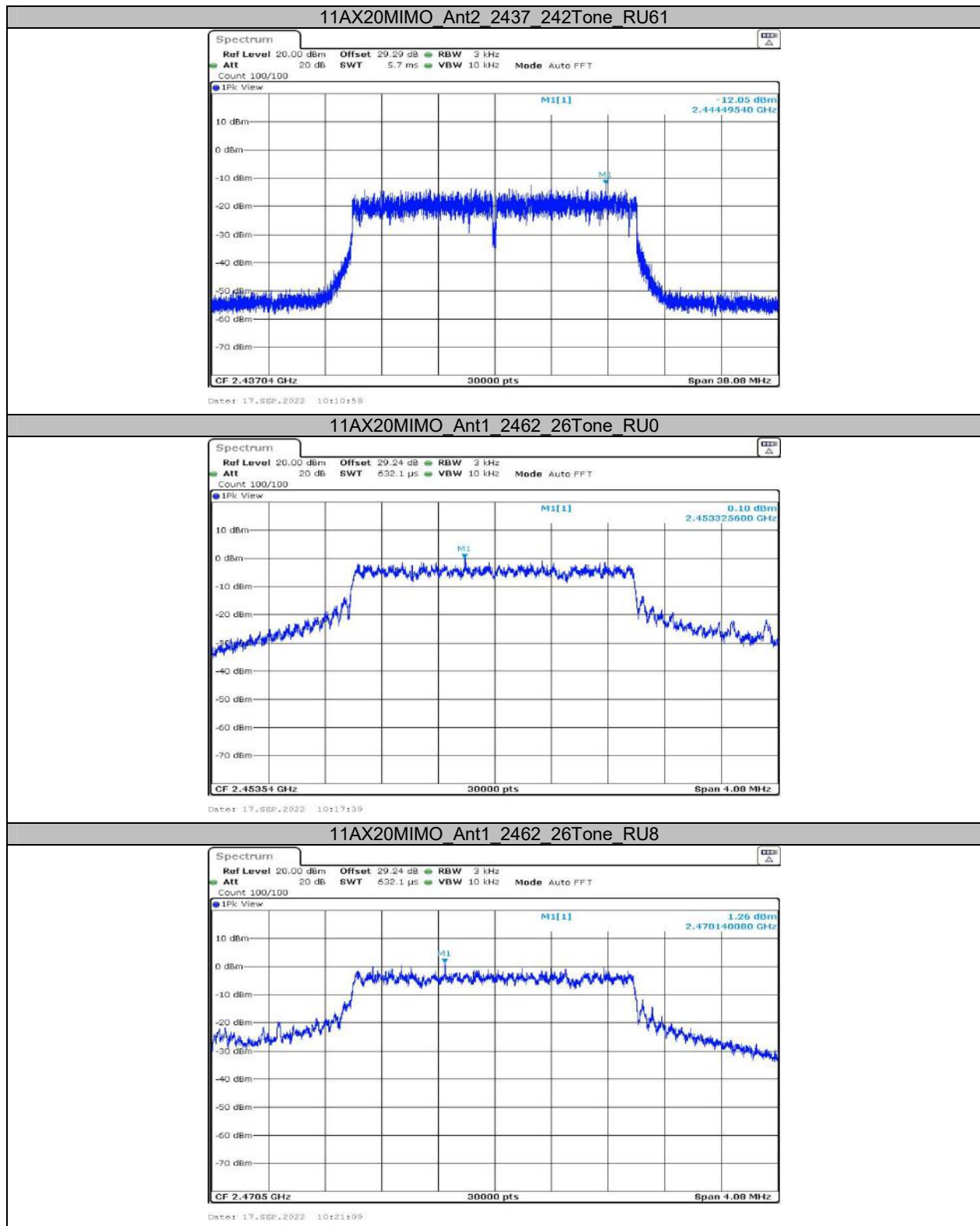
Date: 17-SEP-2022 09:52:31

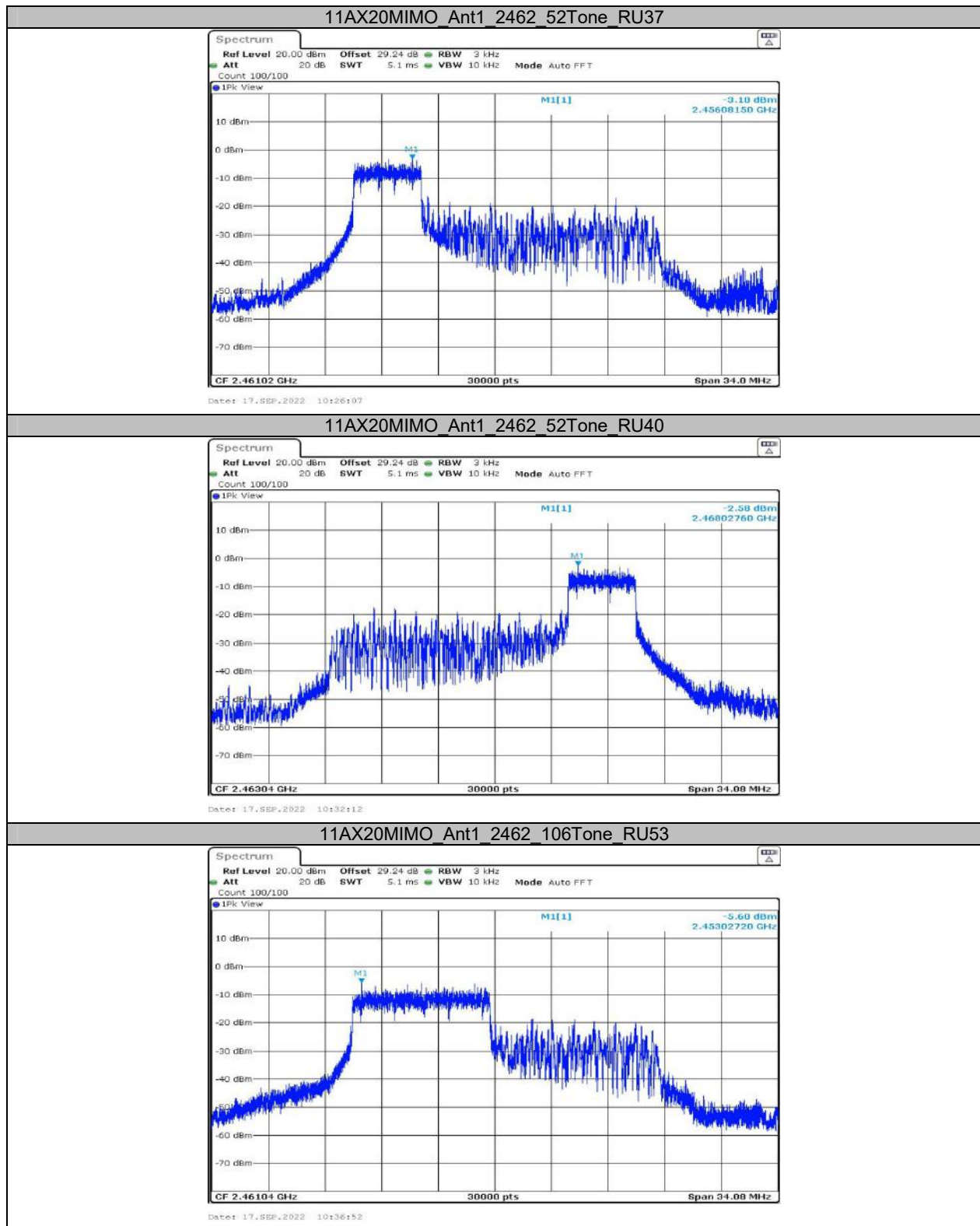
11AX20MIMO_Ant2_2437_52Tone_RU37

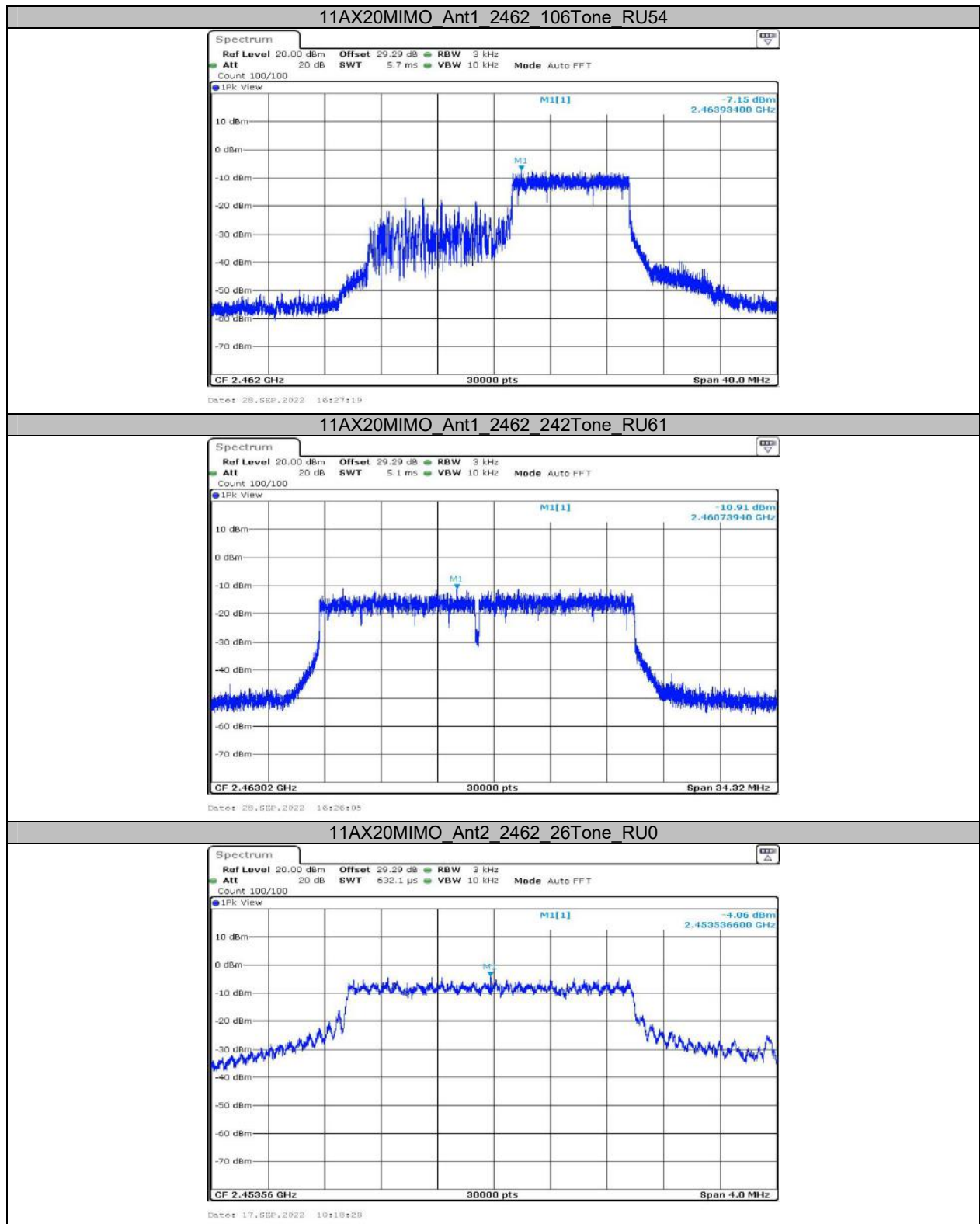


Date: 17-SEP-2022 09:57:46

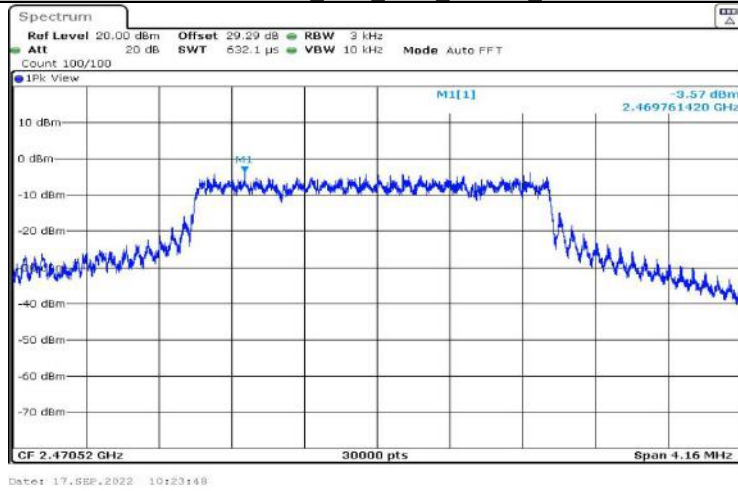




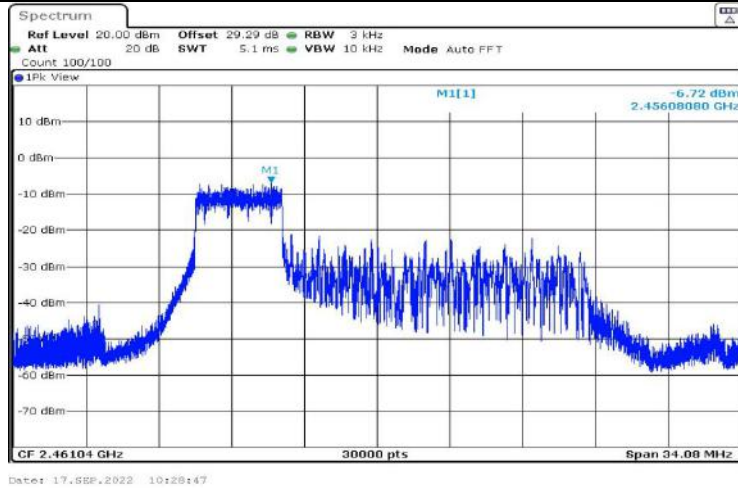




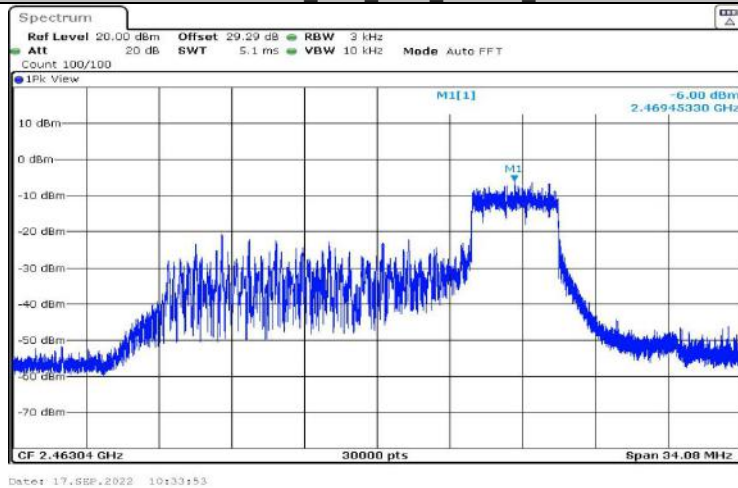
11AX20MIMO_Ant2_2462_26Tone_RU8

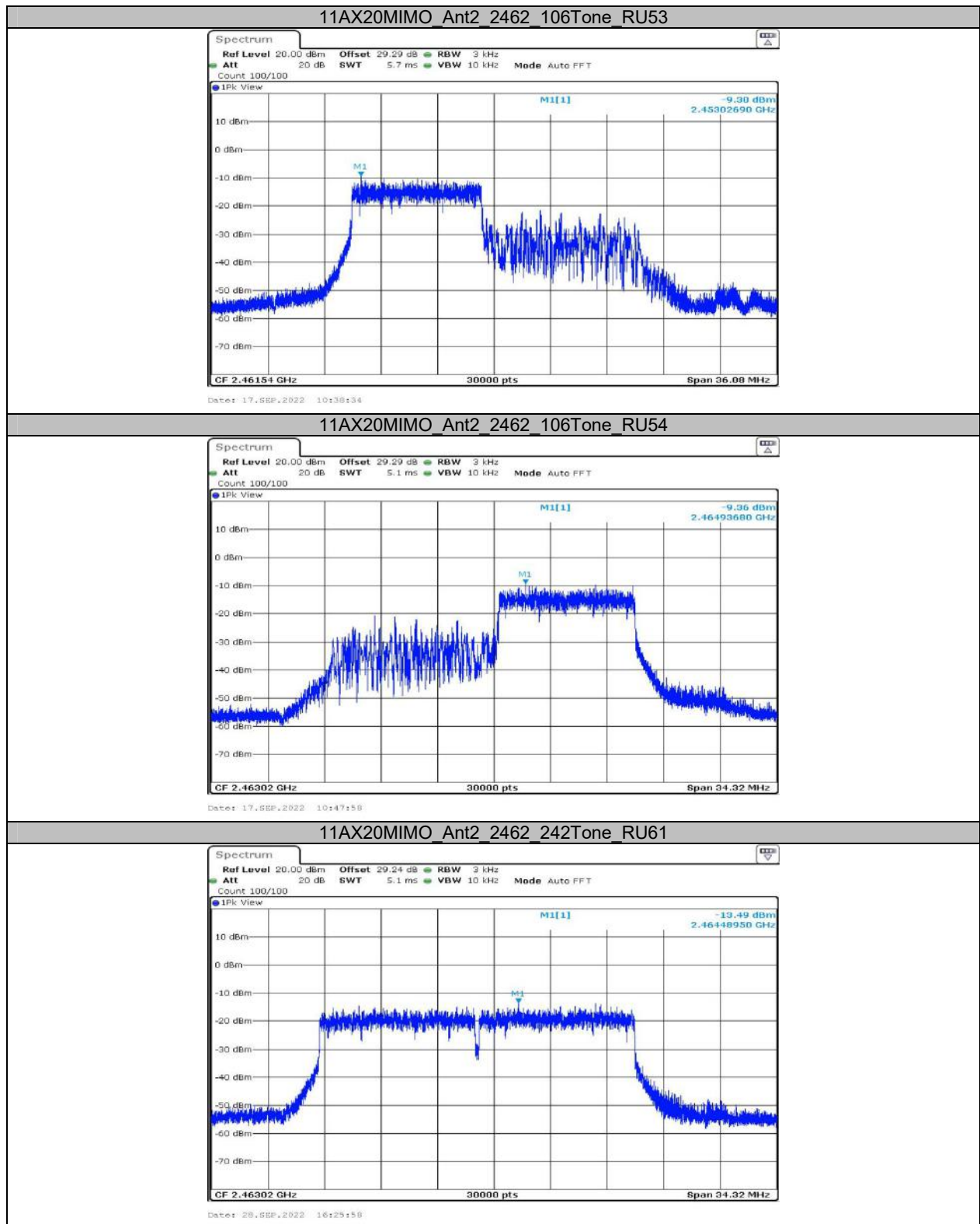


11AX20MIMO_Ant2_2462_52Tone_RU37



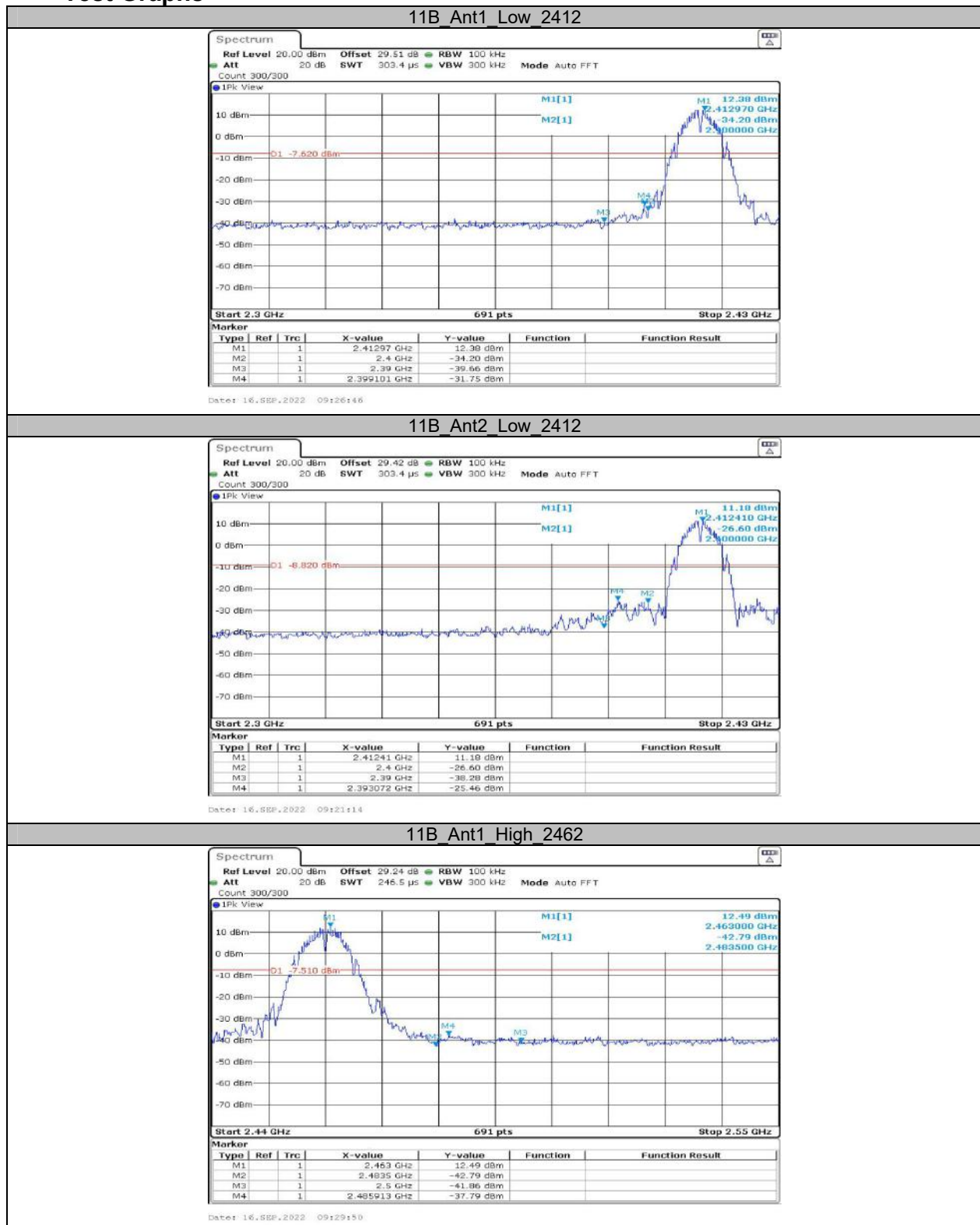
11AX20MIMO_Ant2_2462_52Tone_RU40



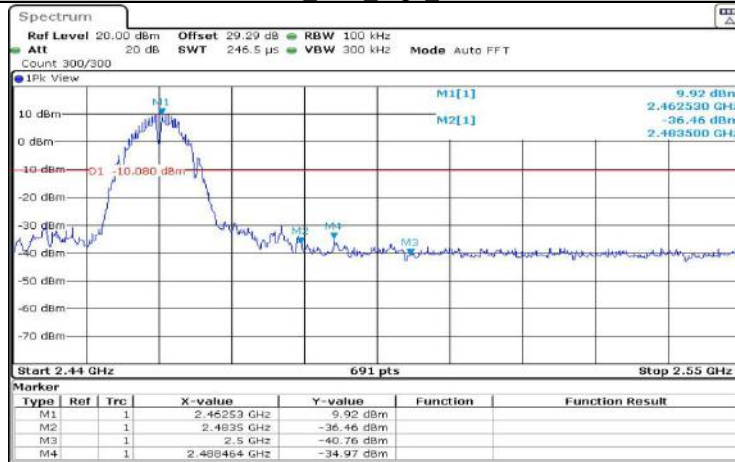


Appendix E: Band edge measurements

Test Graphs

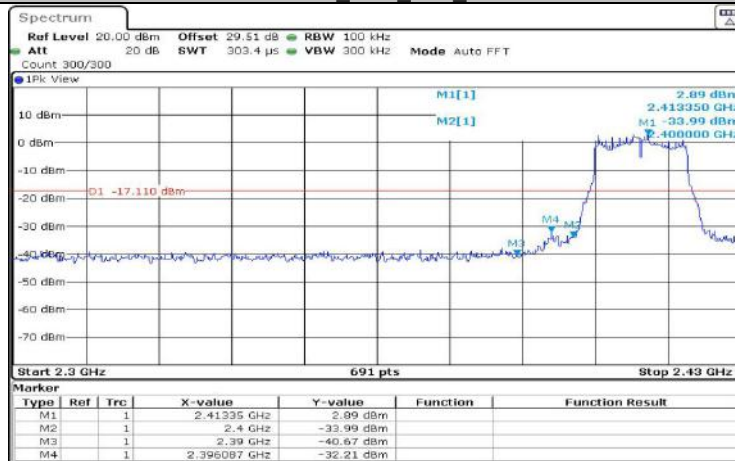


11B_Ant2_High_2462



Date: 16_SEP_2022 09:25:03

11G-CDD_Ant1_Low_2412



Date: 16_SEP_2022 09:31:34

11G-CDD_Ant2_Low_2412



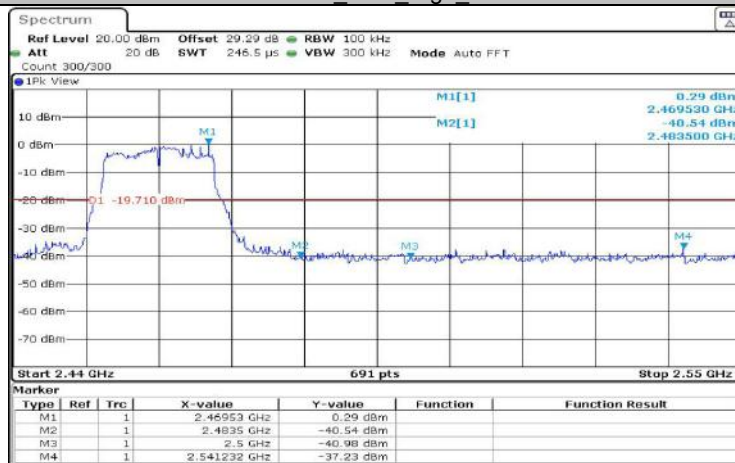
Date: 16_SEP_2022 09:32:45

11G-CDD_Ant1_High_2462



Date: 16.SEP.2022 09:40:00

11G-CDD_Ant2_High_2462

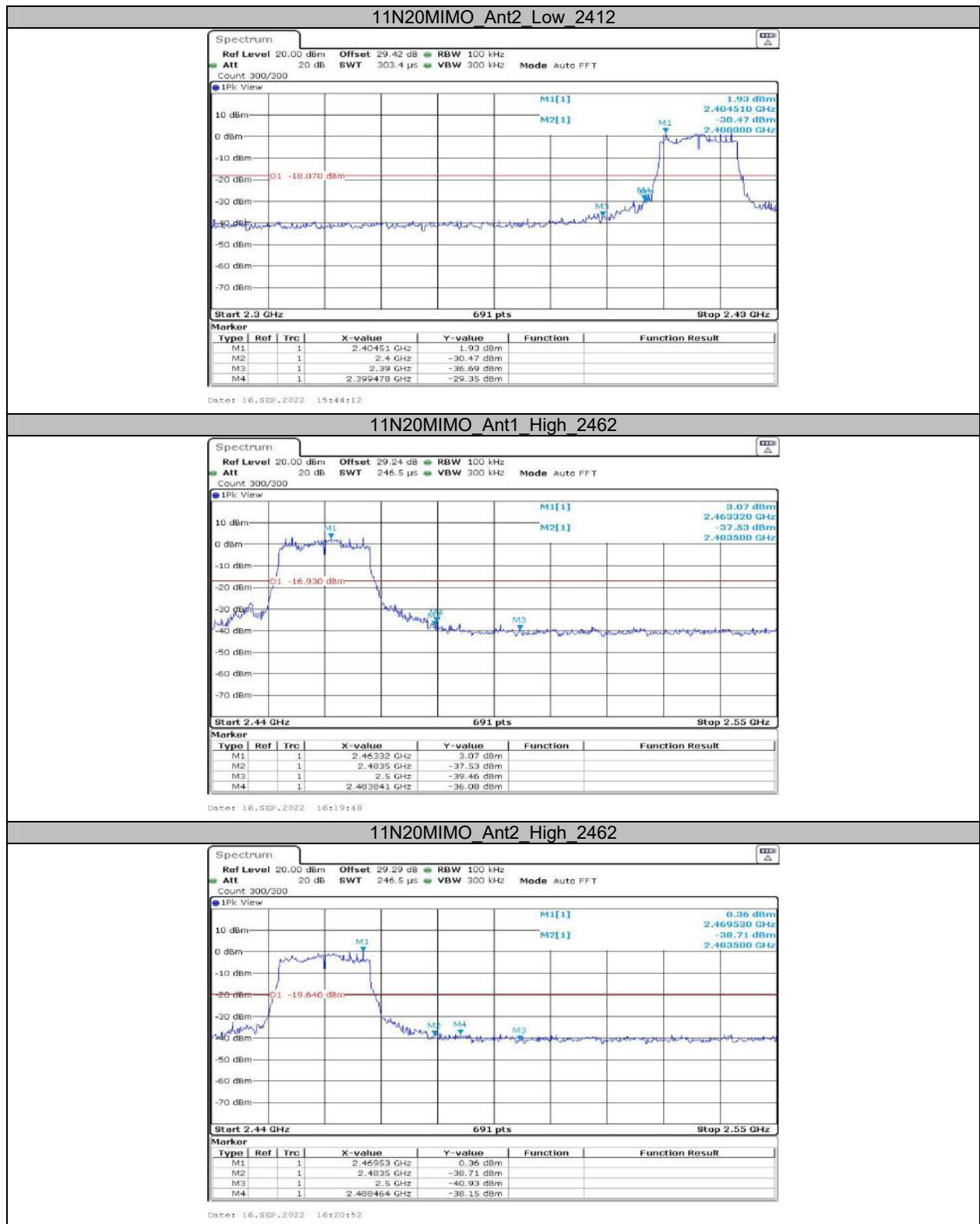


Date: 16.SEP.2022 09:41:04

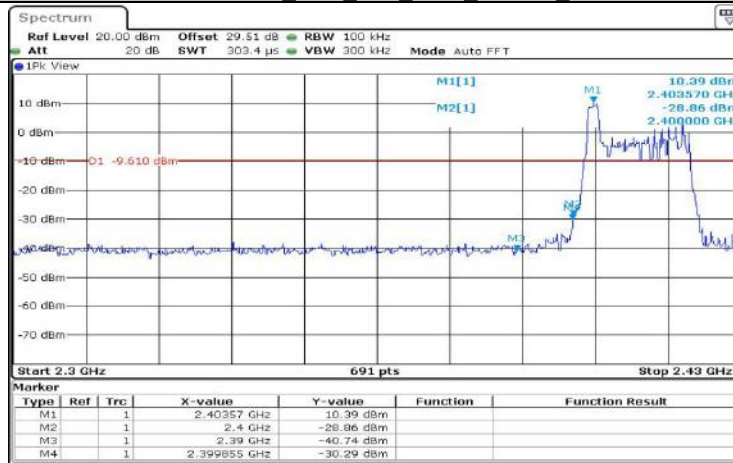
11N20MIMO_Ant1_Low_2412



Date: 16.SEP.2022 15:43:07

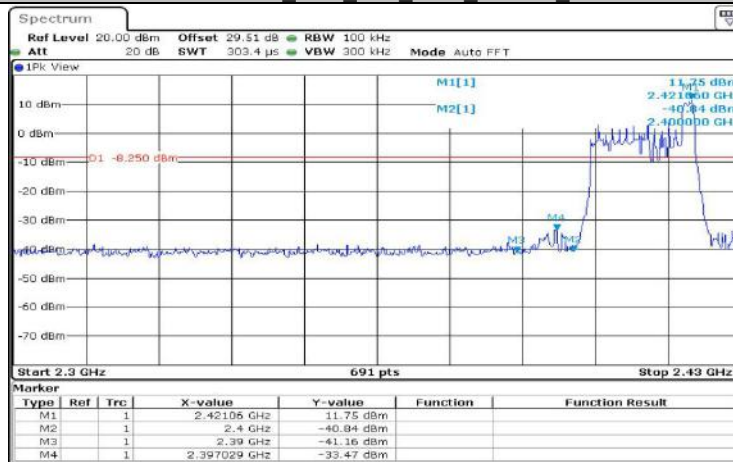


11AX20MIMO_Ant1_Low_2412_26Tone_RU0



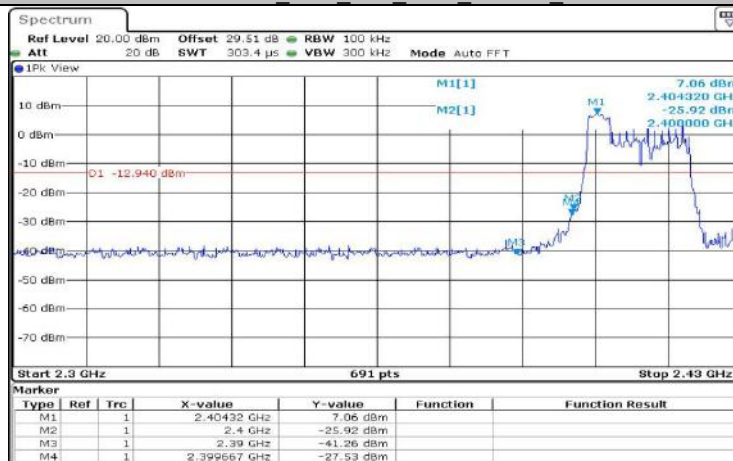
Date: 27.SEP.2022 14:56:45

11AX20MIMO_Ant1_Low_2412_26Tone_RU8



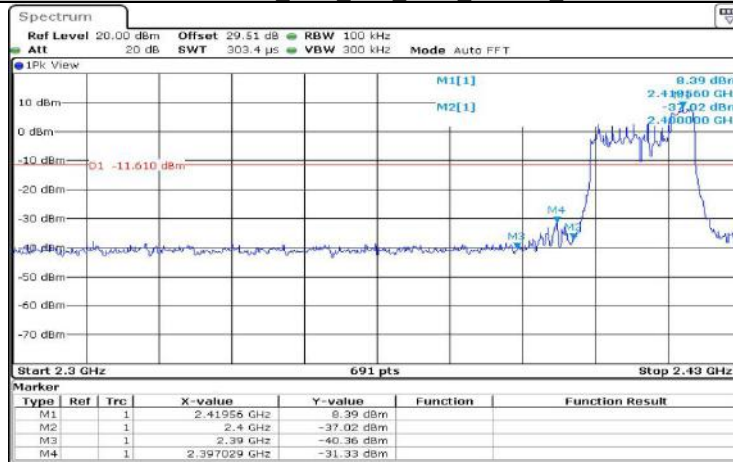
Date: 27.SEP.2022 14:59:09

11AX20MIMO_Ant1_Low_2412_52Tone_RU37



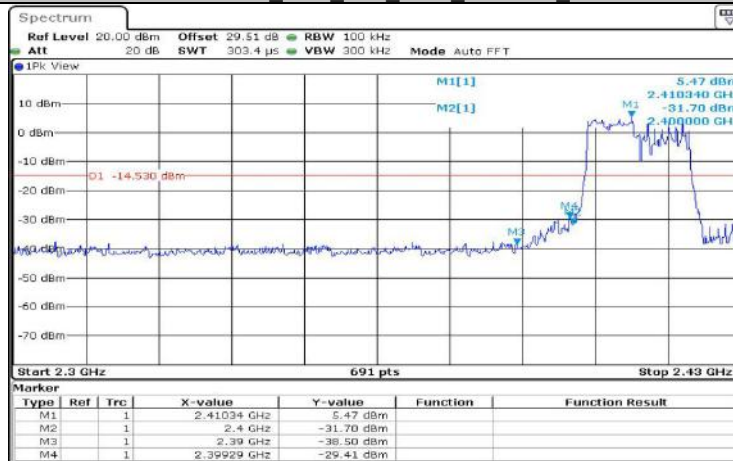
Date: 27.SEP.2022 15:04:39

11AX20MIMO_Ant1_Low_2412_52Tone_RU40



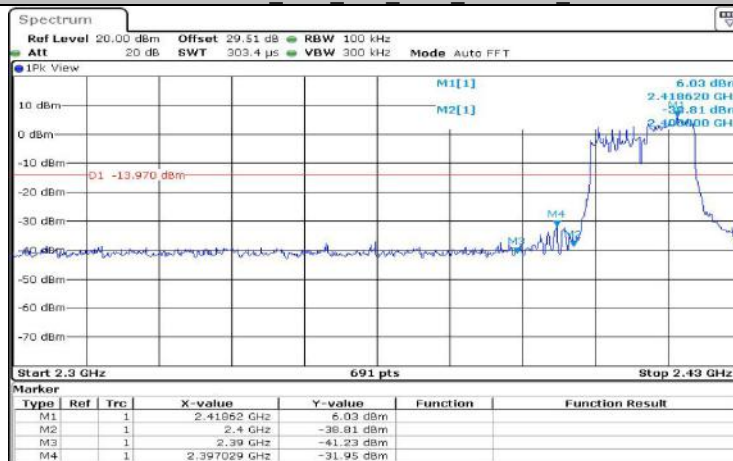
Date: 27.SEP.2022 15:07:21

11AX20MIMO_Ant1_Low_2412_106Tone_RU53



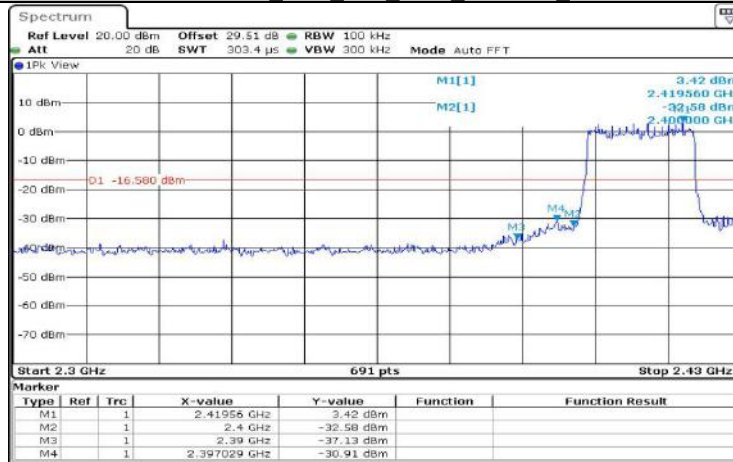
Date: 27.SEP.2022 15:10:24

11AX20MIMO_Ant1_Low_2412_106Tone_RU54



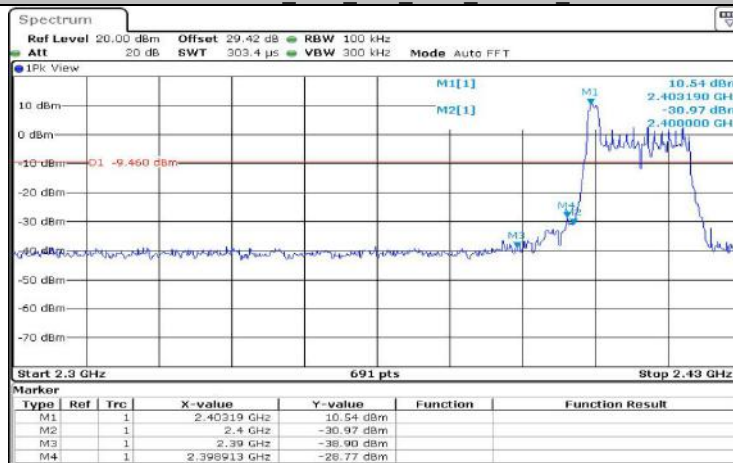
Date: 27.SEP.2022 15:12:12

11AX20MIMO_Ant1_Low_2412_242Tone_RU61



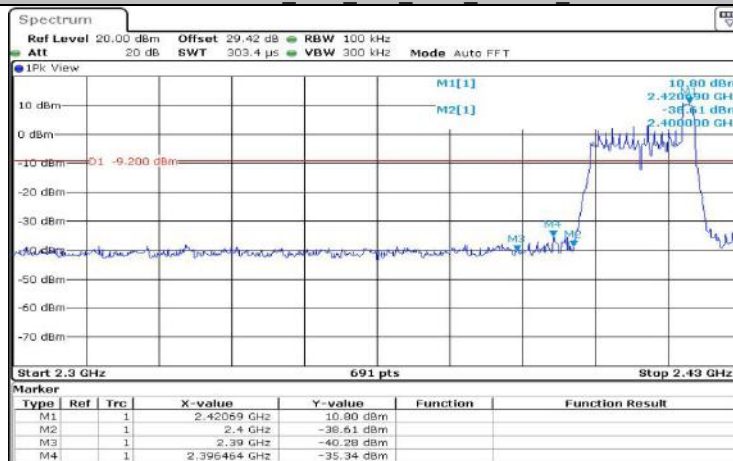
Date: 27.SEP.2022 15:14:05

11AX20MIMO_Ant2_Low_2412_26Tone_RU0



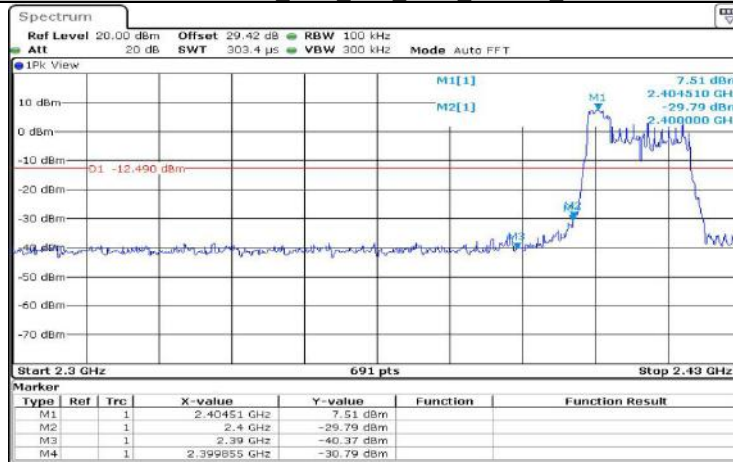
Date: 27.SEP.2022 14:57:11

11AX20MIMO_Ant2_Low_2412_26Tone_RU8



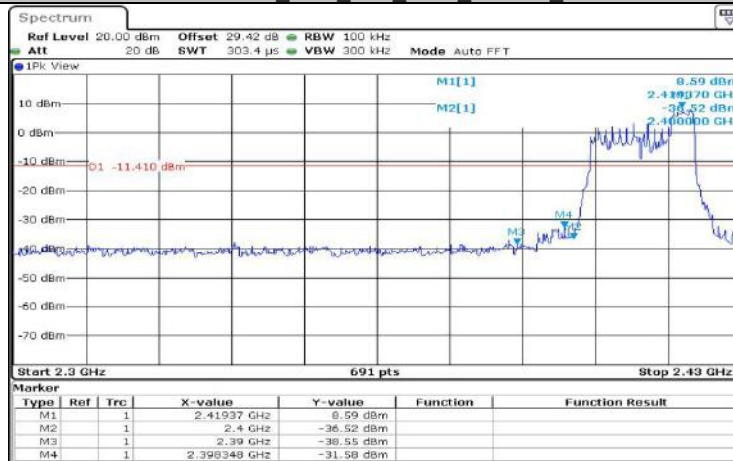
Date: 27.SEP.2022 14:59:38

11AX20MIMO_Ant2_Low_2412_52Tone_RU37



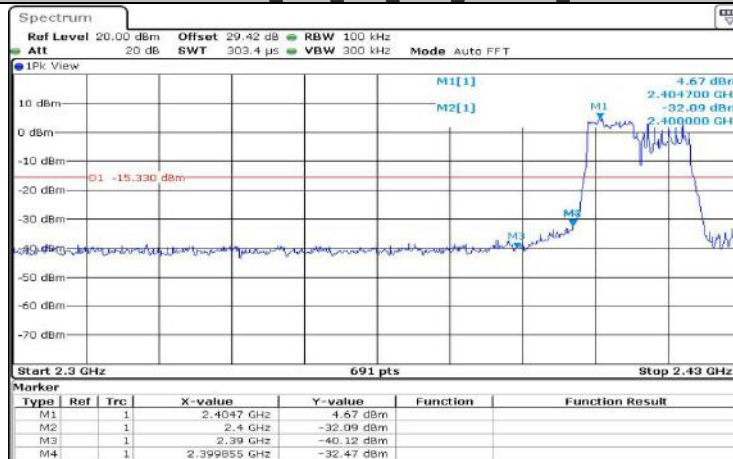
Date: 27.SEP.2022 15:05:08

11AX20MIMO_Ant2_Low_2412_52Tone_RU40



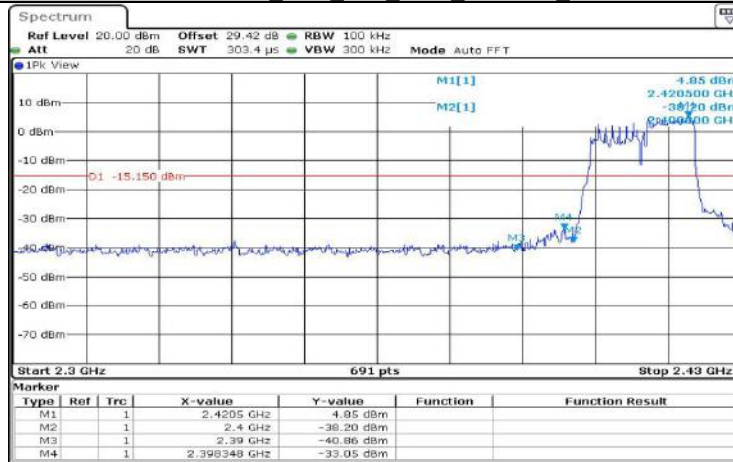
Date: 27.SEP.2022 15:07:50

11AX20MIMO_Ant2_Low_2412_106Tone_RU53



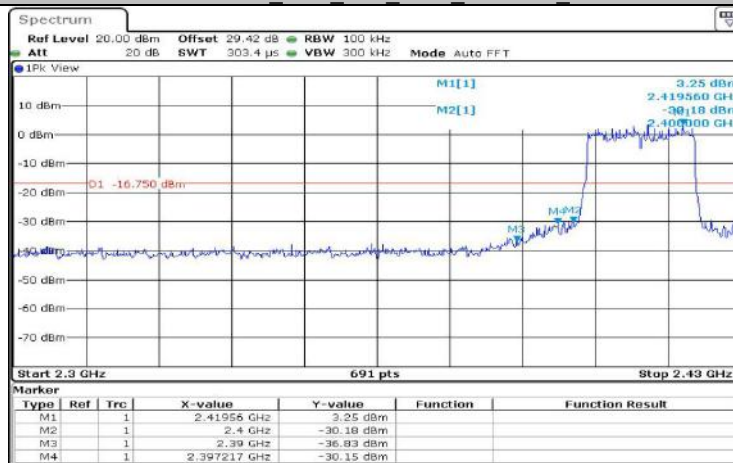
Date: 27.SEP.2022 15:10:52

11AX20MIMO_Ant2_Low_2412_106Tone_RU54



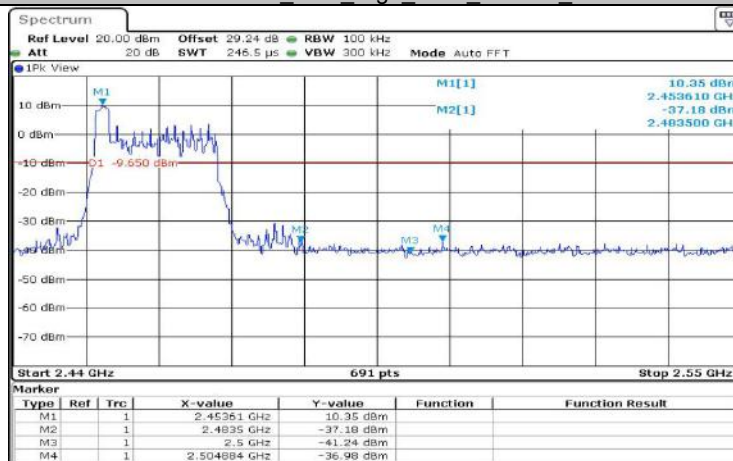
Date: 27.SEP.2022 15:12:41

11AX20MIMO_Ant2_Low_2412_242Tone_RU61



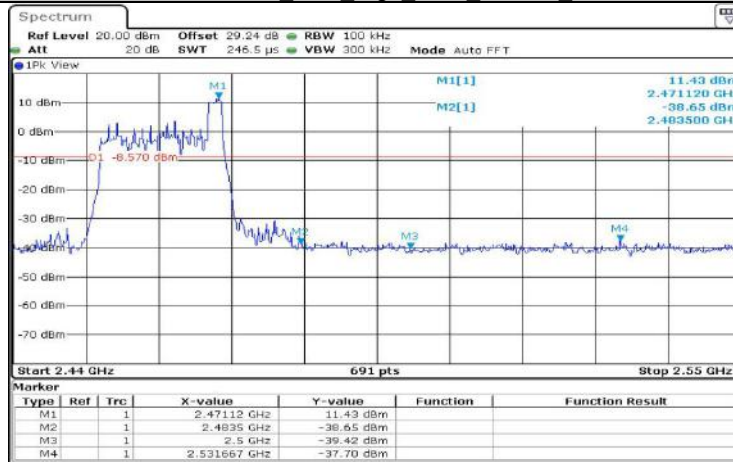
Date: 27.SEP.2022 15:14:34

11AX20MIMO_Ant1_High_2462_26Tone_RU0



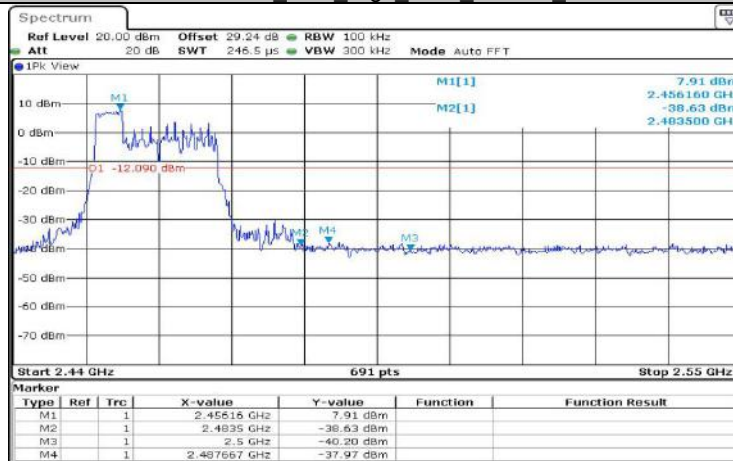
Date: 27.SEP.2022 15:31:29

11AX20MIMO_Ant1_High_2462_26Tone_RU8



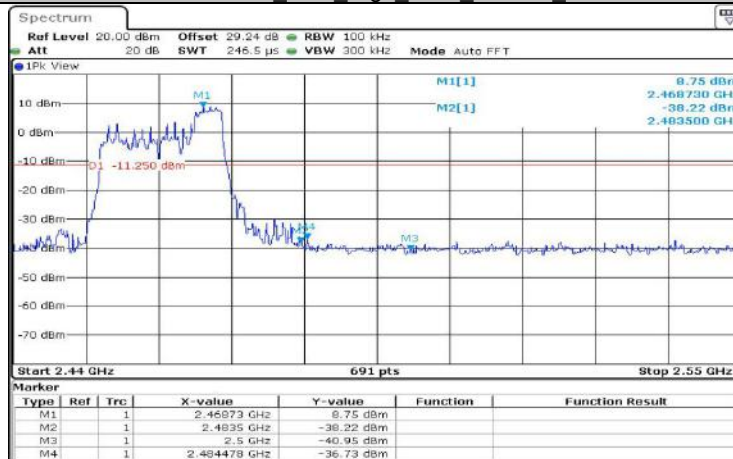
Date: 27-Sep-2022 15:33:12

11AX20MIMO_Ant1_High_2462_52Tone_RU37



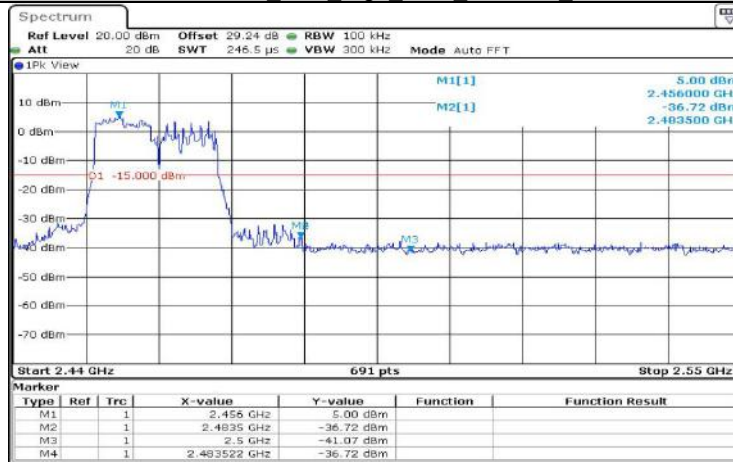
Date: 27-Sep-2022 15:35:00

11AX20MIMO_Ant1_High_2462_52Tone_RU40



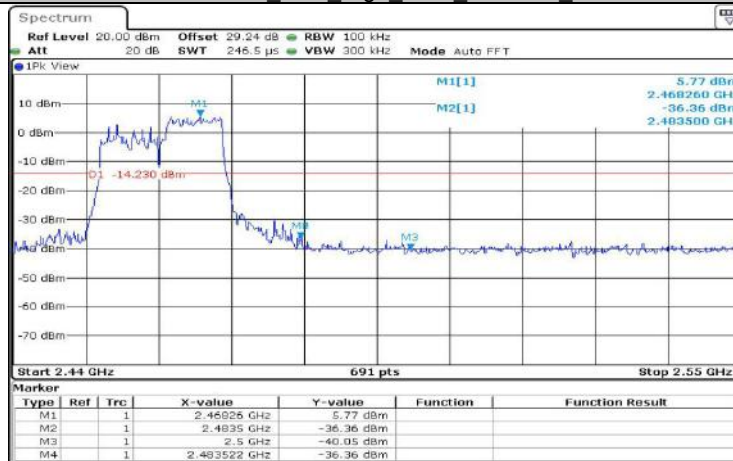
Date: 27-Sep-2022 15:36:45

11AX20MIMO_Ant1_High_2462_106Tone_RU53



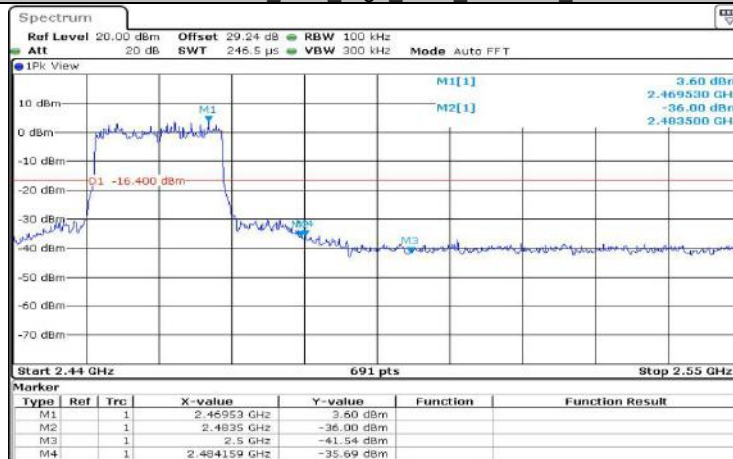
Date: 27.SEP.2022 15:38:34

11AX20MIMO_Ant1_High_2462_106Tone_RU54



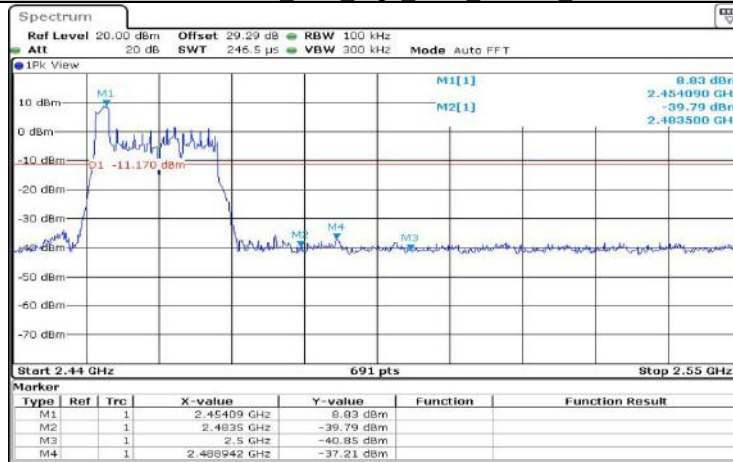
Date: 27.SEP.2022 15:40:07

11AX20MIMO_Ant1_High_2462_242Tone_RU61



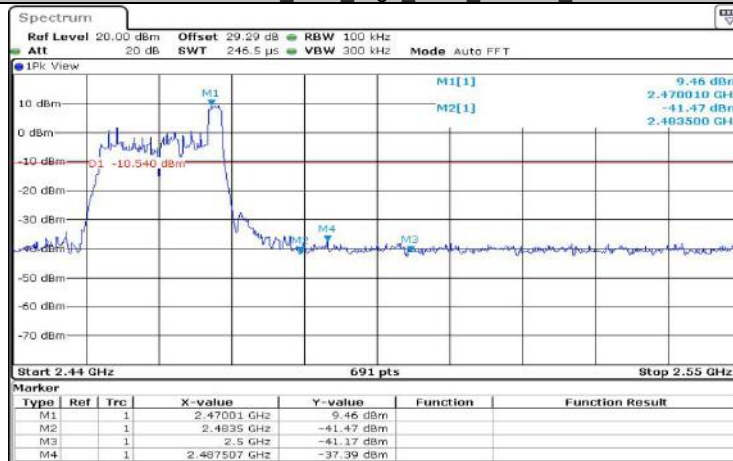
Date: 27.SEP.2022 15:42:41

11AX20MIMO_Ant2_High_2462_26Tone_RU0



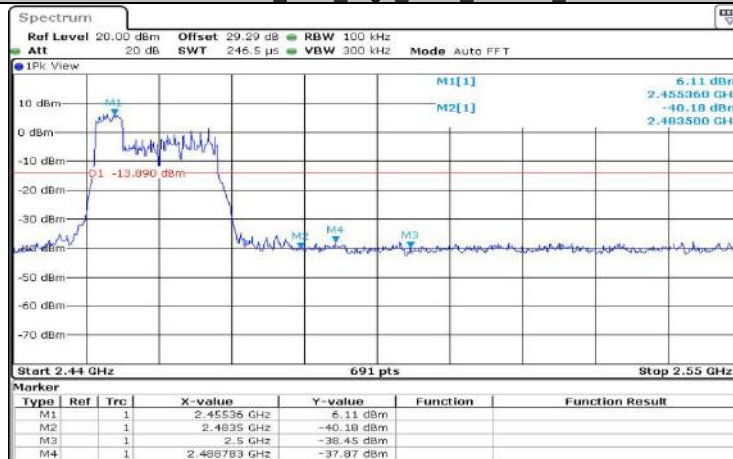
Date: 27-Sep-2022 15:31:58

11AX20MIMO_Ant2_High_2462_26Tone_RU8



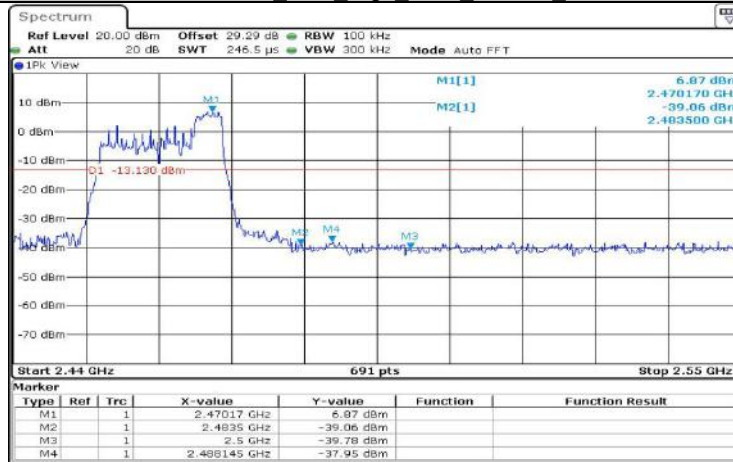
Date: 27-Sep-2022 15:33:41

11AX20MIMO_Ant2_High_2462_52Tone_RU37



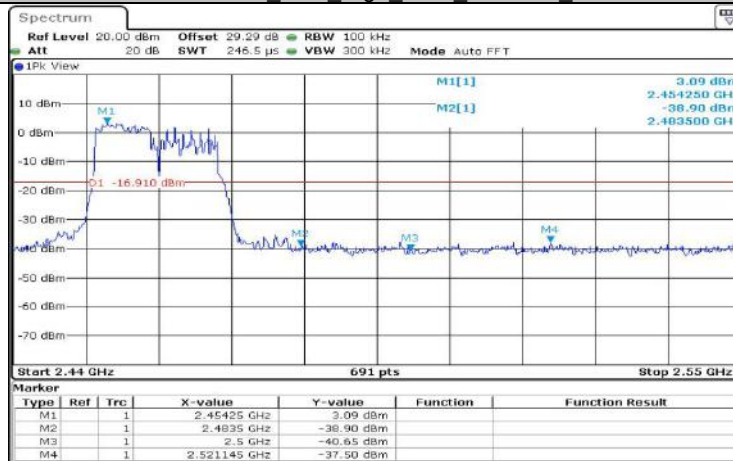
Date: 27-Sep-2022 15:35:29

11AX20MIMO_Ant2_High_2462_52Tone_RU40



Date: 27.SEP.2022 15:37:14

11AX20MIMO_Ant2_High_2462_106Tone_RU53

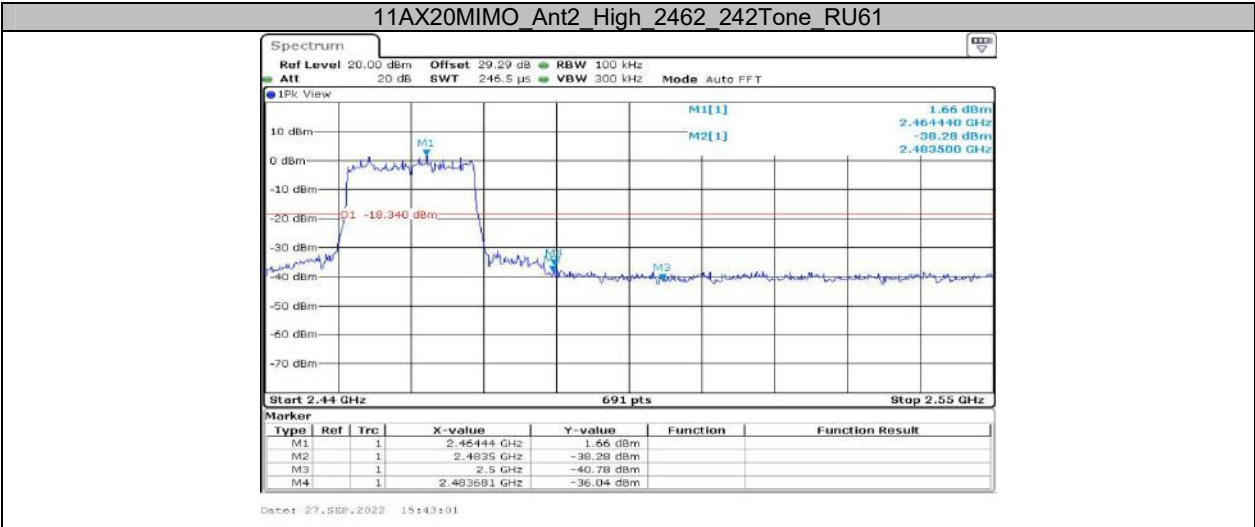


Date: 27.SEP.2022 15:39:03

11AX20MIMO_Ant2_High_2462_106Tone_RU54



Date: 27.SEP.2022 15:41:56

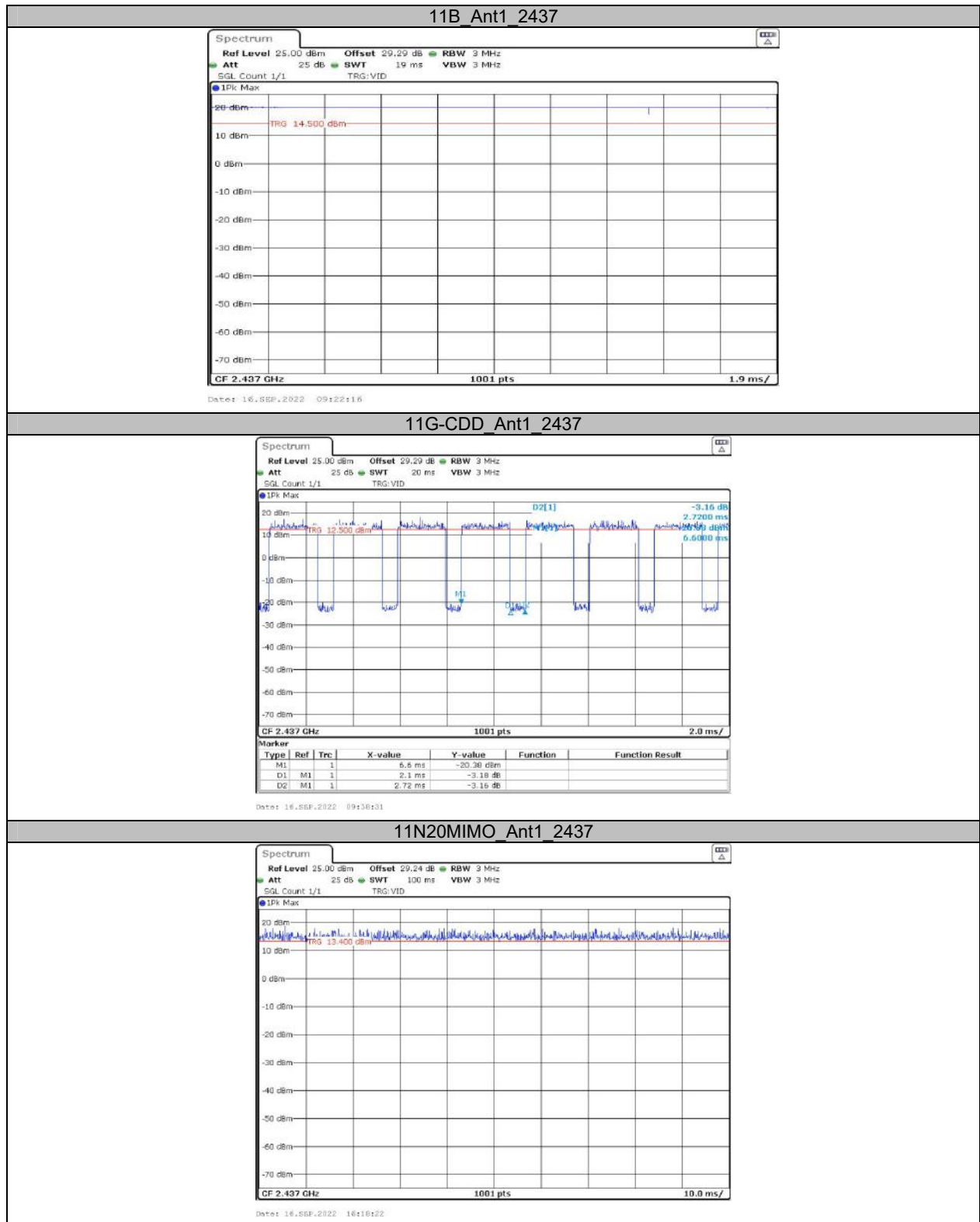


Appendix F: Duty Cycle Test Result

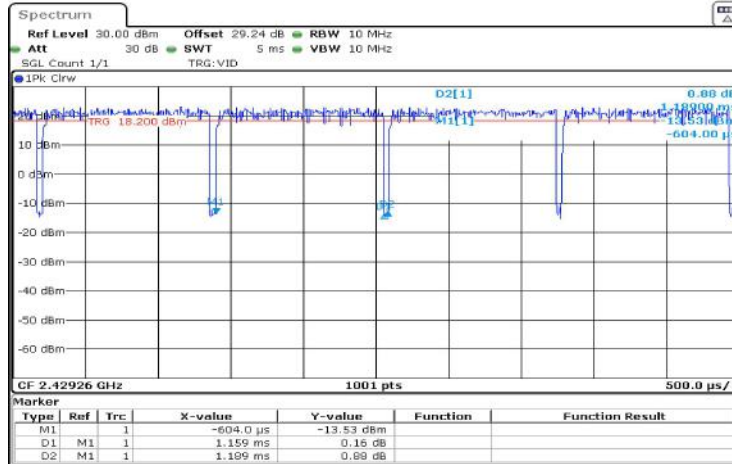
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	--	--	100.00
11G-CDD	Ant1	2437	2.10	2.72	77.21
11N20MIMO	Ant1	2437	--	--	100.00

Test Mode	Antenna	Frequency[MHz]	RuSize	RuIndex	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11AX20MIMO	Ant1	2437	26Tone	RU0	1.16	1.19	97.48
				RU8	1.16	1.19	97.48
			52Tone	RU37	0.62	0.65	95.38
				RU40	0.60	0.65	92.31
			106Tone	RU53	0.33	0.37	89.19
				RU54	0.33	0.37	89.19
			242Tone	RU61	0.18	0.22	81.82

Test Graphs

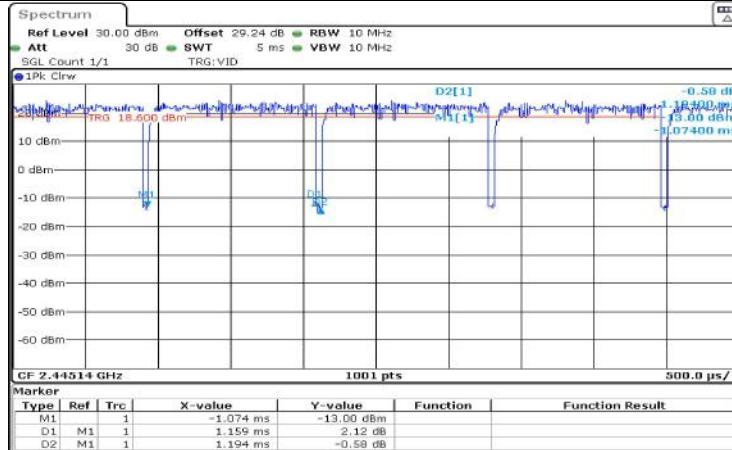


11AX20MIMO_Ant1_2437_26Tone_RU0



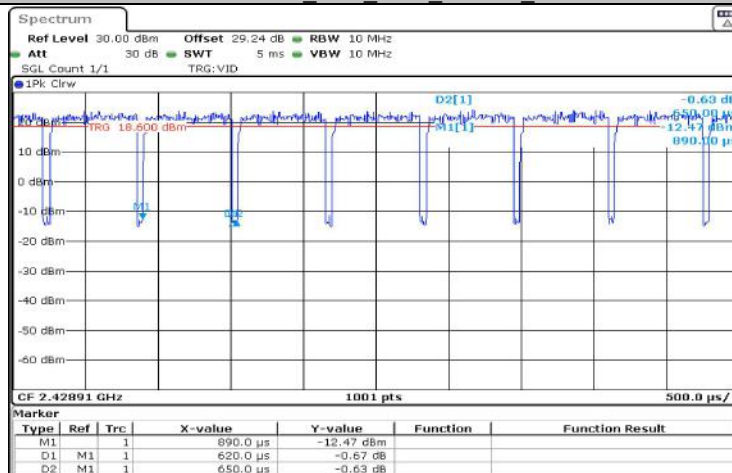
Date: 17_SEP_2022 09:47:50

11AX20MIMO_Ant1_2437_26Tone_RU8



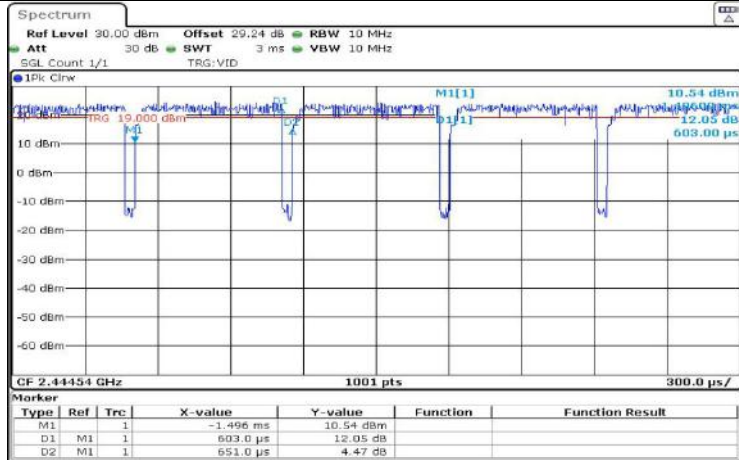
Date: 17_SEP_2022 09:50:56

11AX20MIMO_Ant1_2437_52Tone_RU37



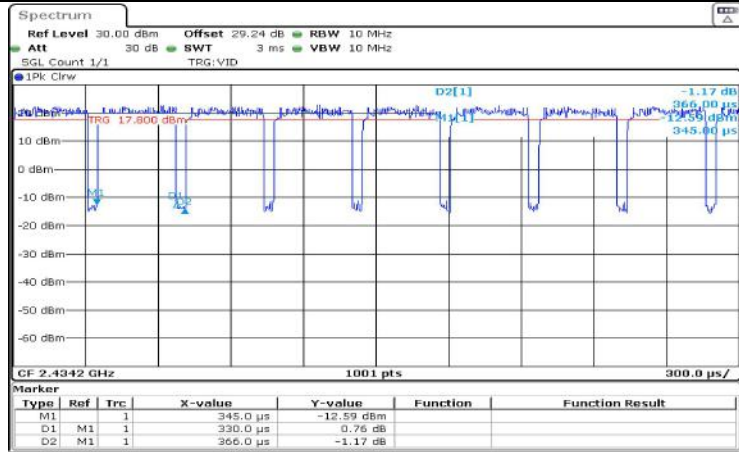
Date: 17_SEP_2022 09:54:52

11AX20MIMO_Ant1_2437_52Tone_RU40



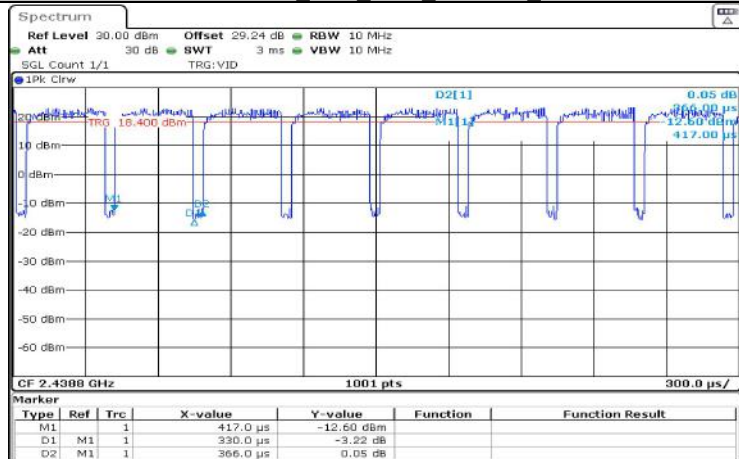
Date: 17-SEP-2022 09:58:40

11AX20MIMO_Ant1_2437_106Tone_RU53

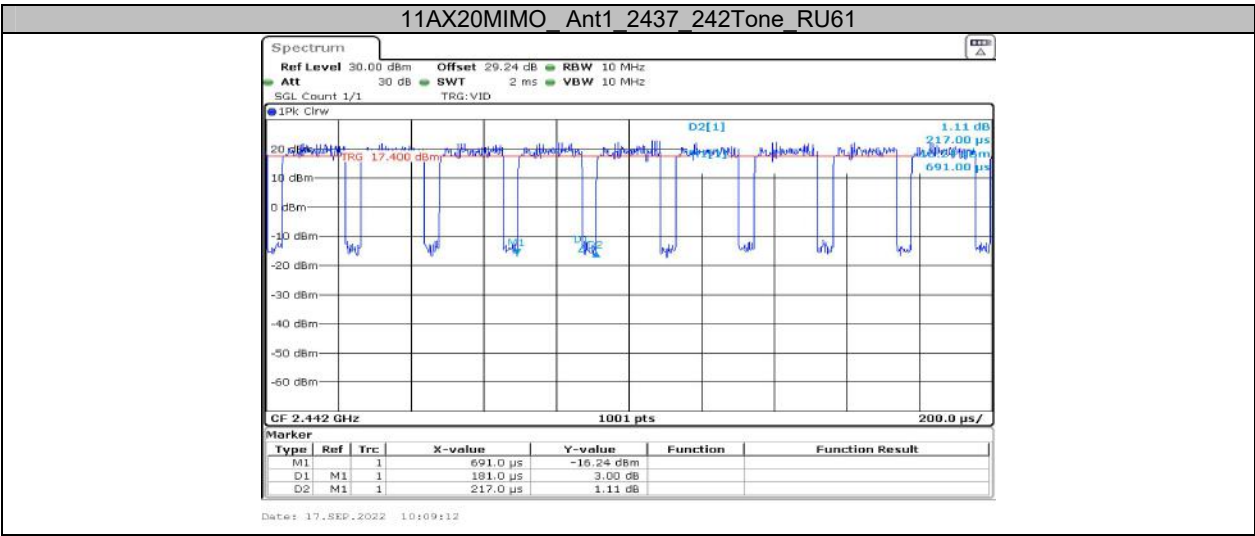


Date: 17-SEP-2022 10:02:37

11AX20MIMO_Ant1_2437_106Tone_RU54



Date: 17-SEP-2022 10:05:53



APPENDIX BLE

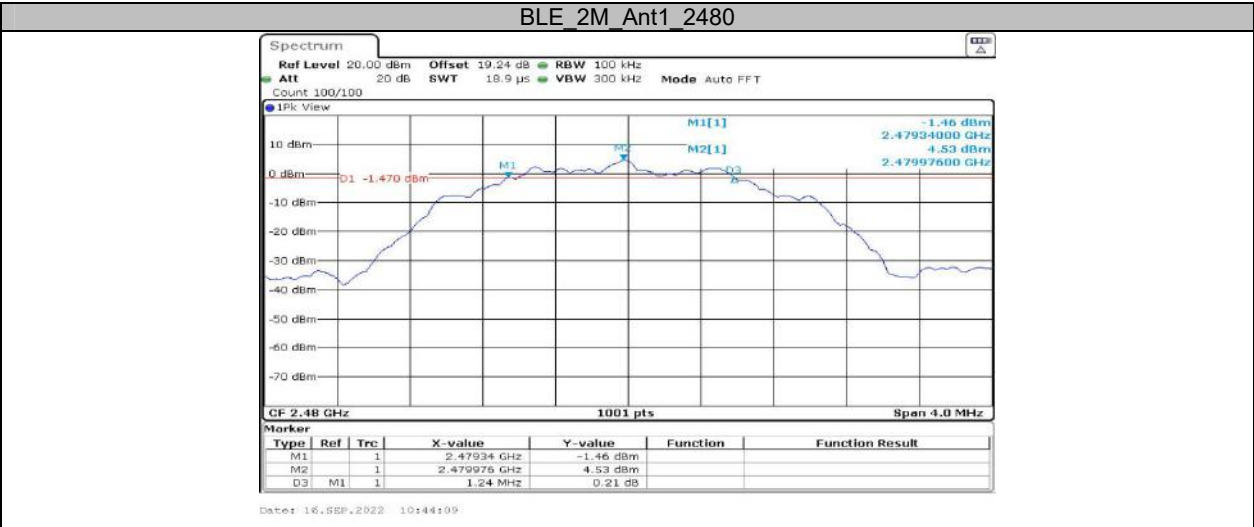
Appendix A: DTS Bandwidth Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.66	2402.35	0.5	PASS
		2440	0.70	2439.64	2440.34	0.5	PASS
		2480	0.70	2479.63	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.24	2401.36	2402.60	0.5	PASS
		2440	1.23	2439.36	2440.59	0.5	PASS
		2480	1.24	2479.34	2480.58	0.5	PASS

Test Graphs



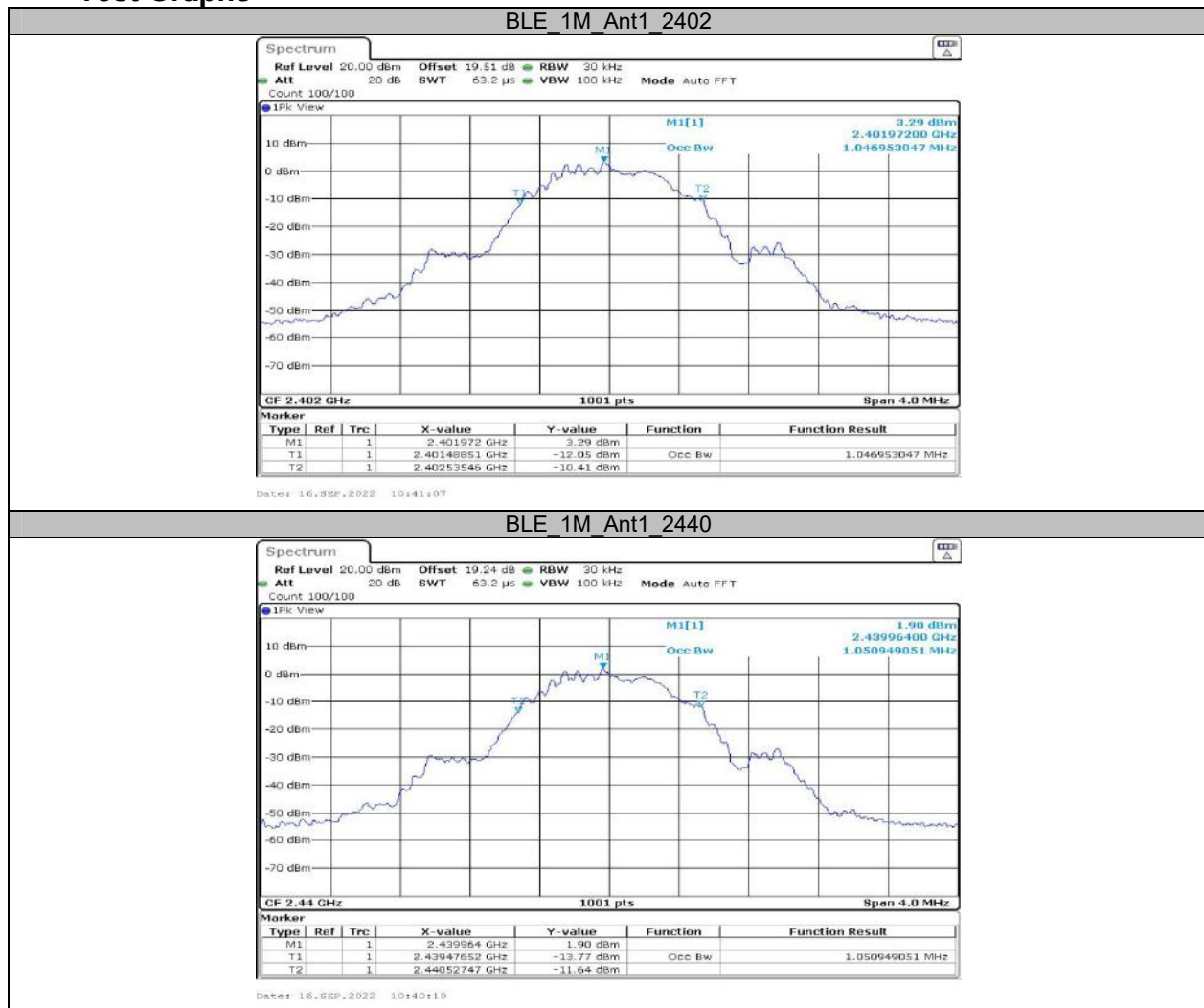




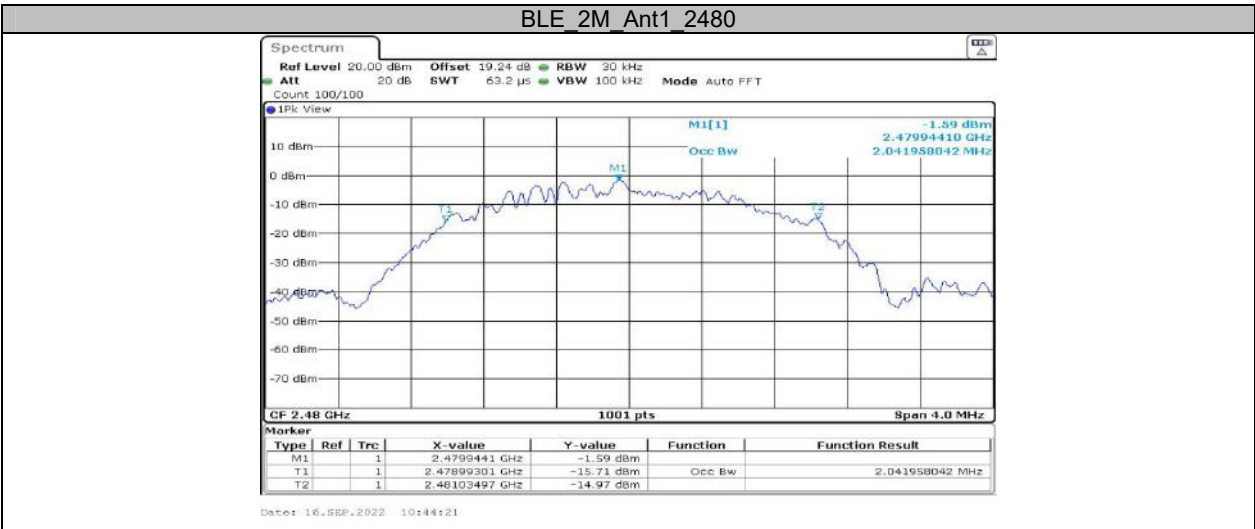
Appendix B: Occupied Channel Bandwidth Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.047	2401.489	2402.535	---	---
		2440	1.051	2439.477	2440.527	---	---
		2480	1.047	2479.473	2480.519	---	---
BLE_2M	Ant1	2402	2.038	2401.009	2403.047	---	---
		2440	2.042	2438.997	2441.039	---	---
		2480	2.042	2478.993	2481.035	---	---

Test Graphs



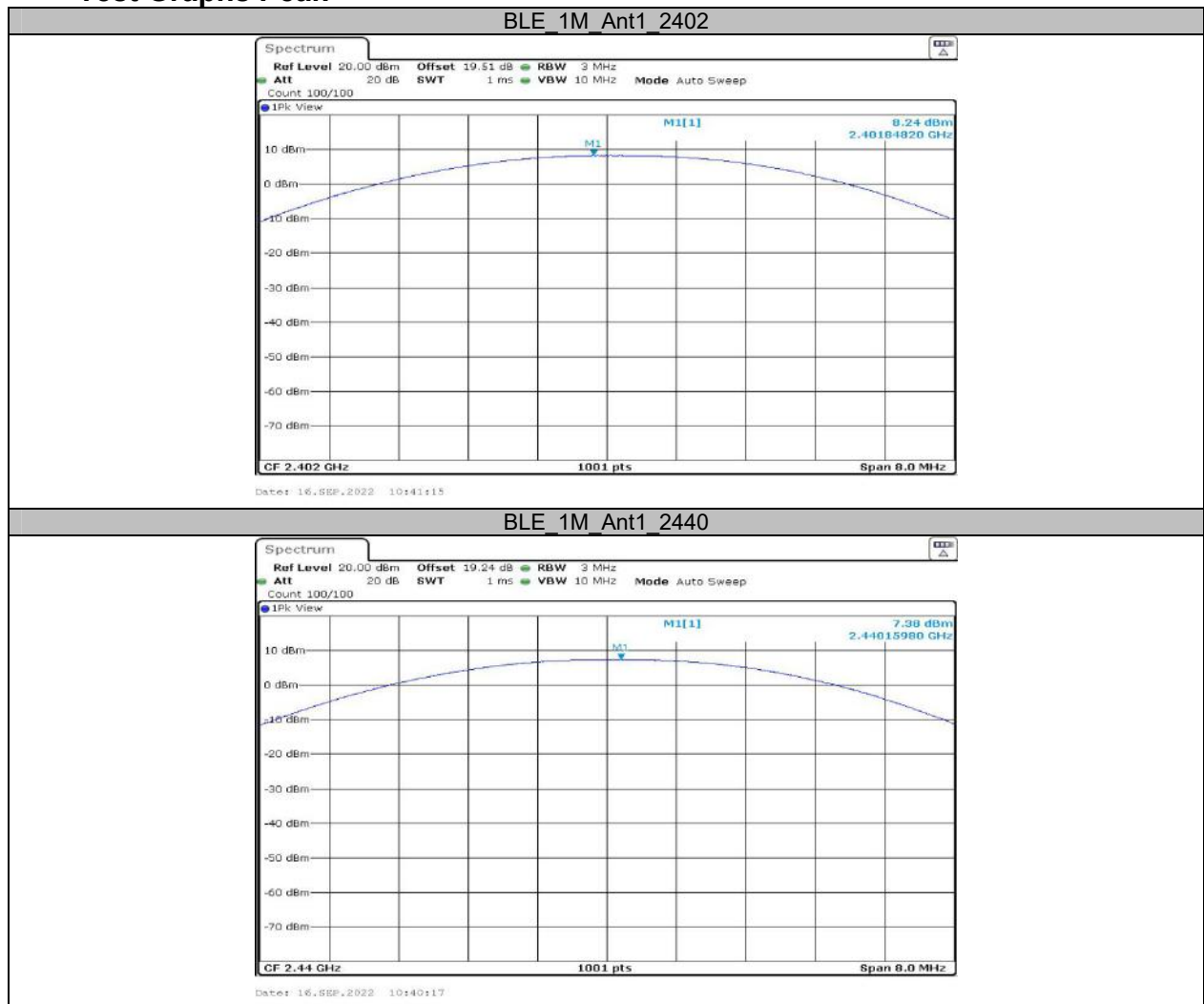


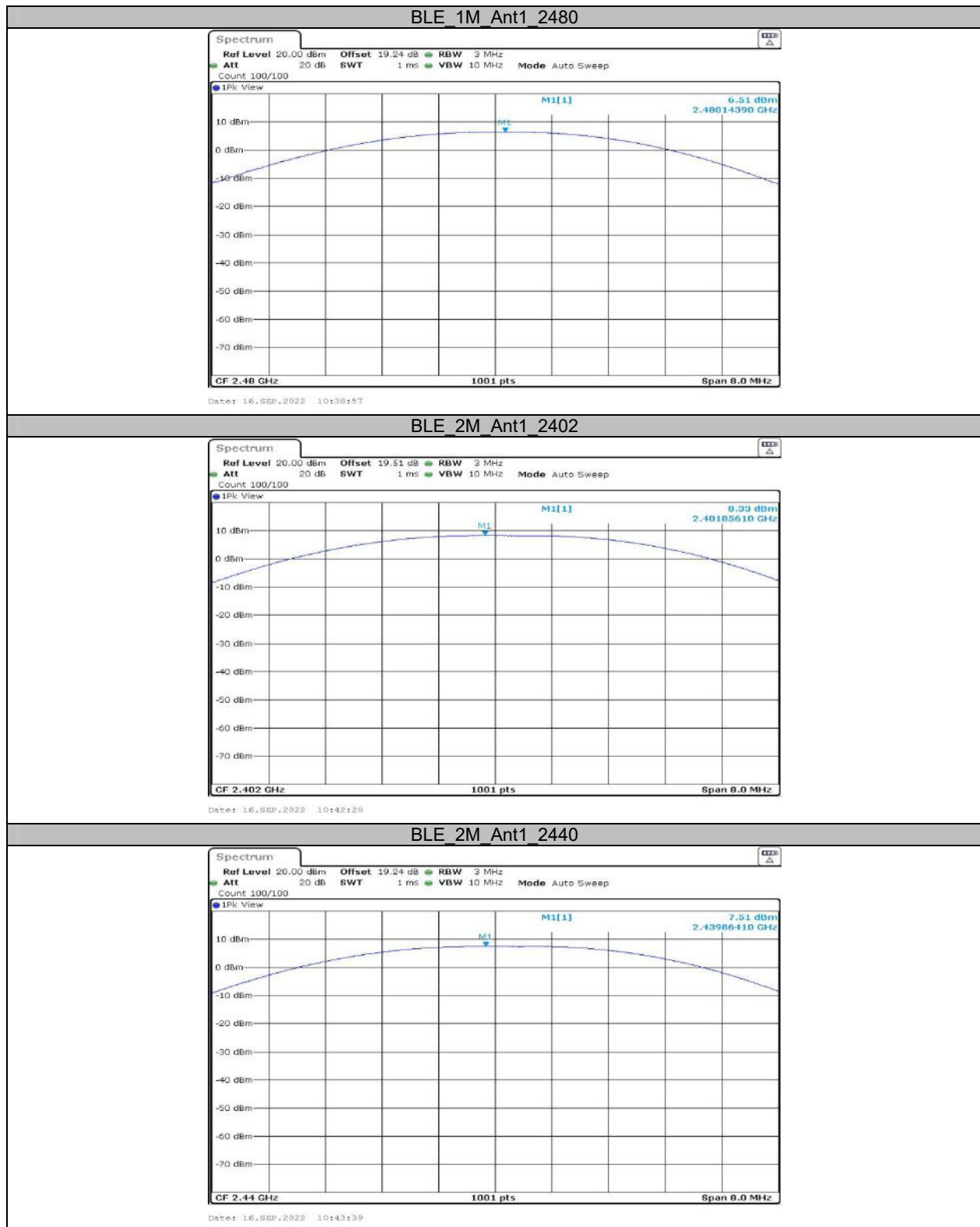


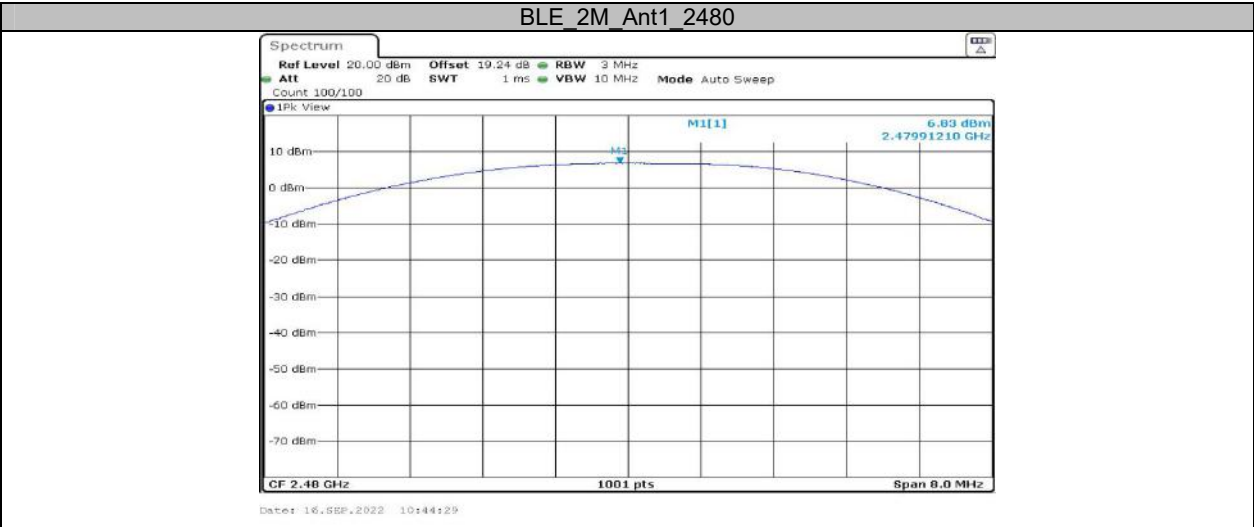
Appendix C: Maximum conducted output power Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	8.24	≤30	PASS
		2440	7.38	≤30	PASS
		2480	6.51	≤30	PASS
BLE_2M	Ant1	2402	8.33	≤30	PASS
		2440	7.51	≤30	PASS
		2480	6.83	≤30	PASS

Test Graphs Peak



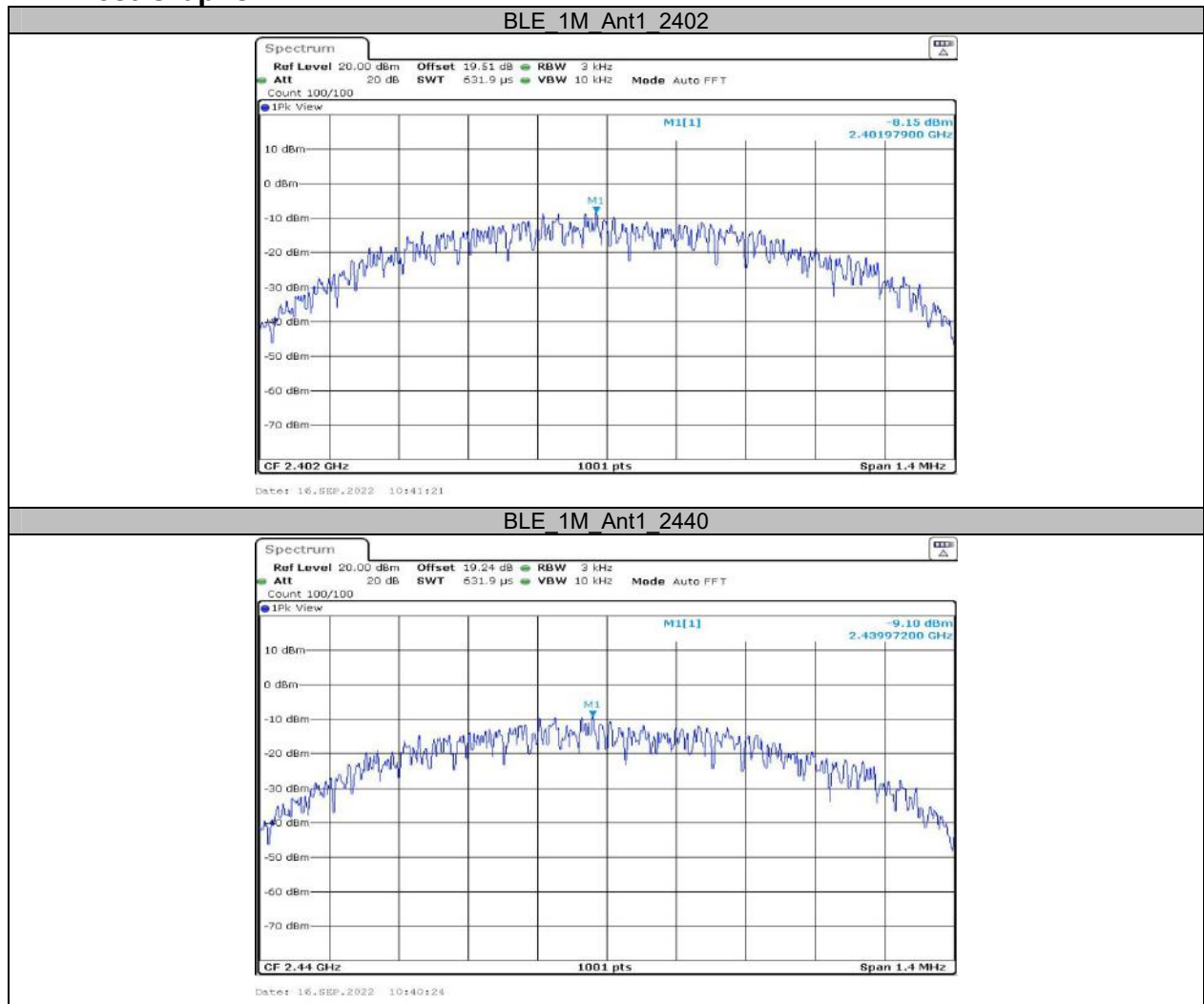


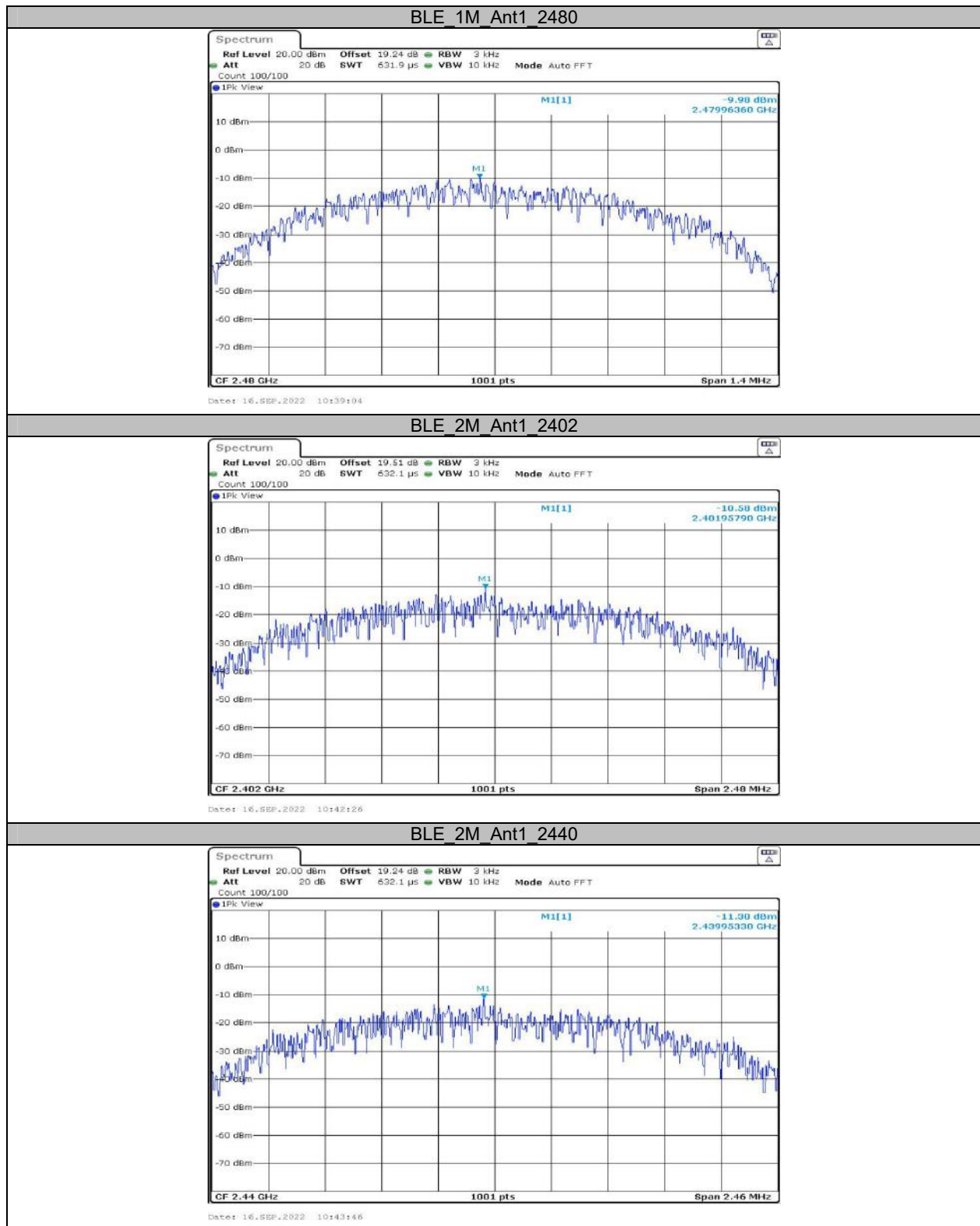


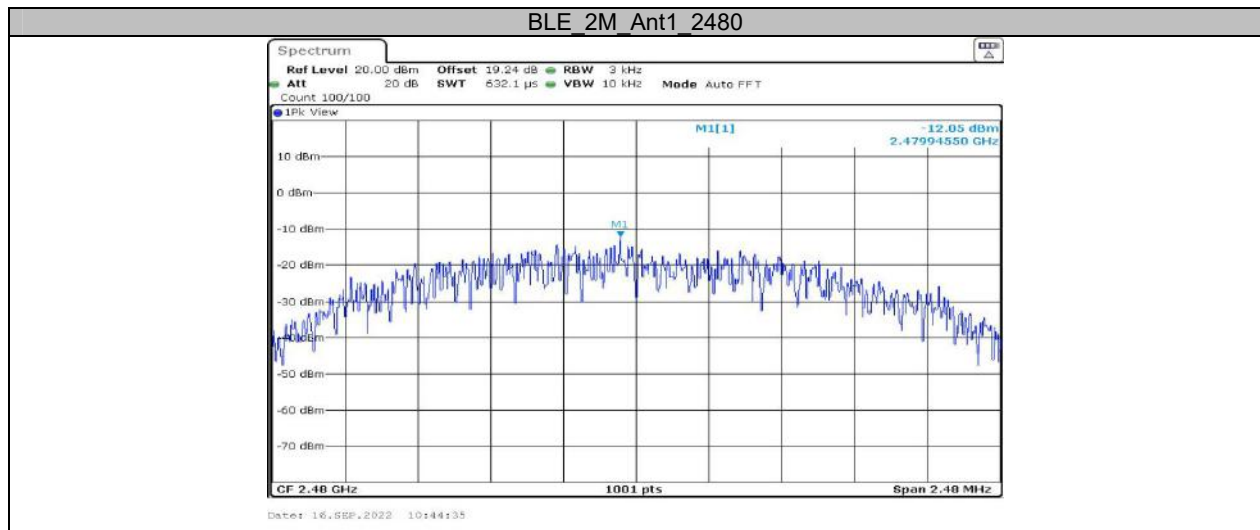
Appendix D: Maximum power spectral density Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-8.15	≤8.00	PASS
		2440	-9.10	≤8.00	PASS
		2480	-9.98	≤8.00	PASS
BLE_2M	Ant1	2402	-10.58	≤8.00	PASS
		2440	-11.30	≤8.00	PASS
		2480	-12.05	≤8.00	PASS

Test Graphs



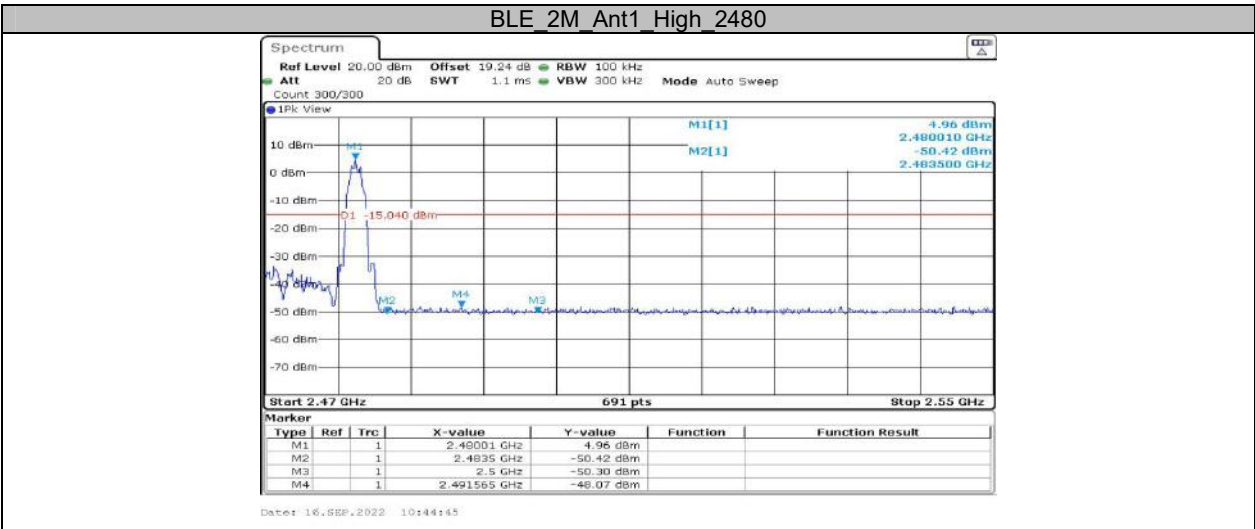




Appendix E: Band edge measurements

Test Graphs





Appendix F: Duty Cycle Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	0.37	0.62	59.68	2.24
BLE_2M	Ant1	2440	0.19	0.63	30.16	5.21

Test Graphs



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