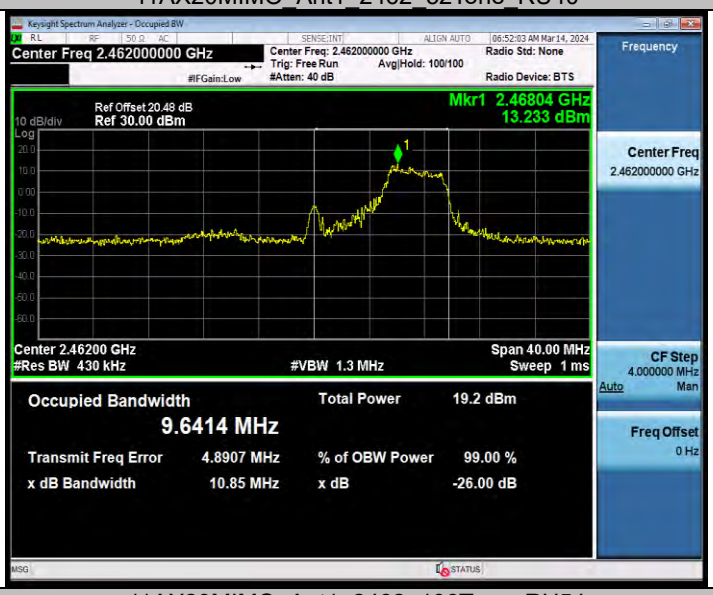
11AX20MIMO_Ant2_2437_242Tone_RU61

11AX20MIMO_Ant1_2462_26Tone_RU8

11AX20MIMO_Ant1_2462_52Tone_RU40



11AX20MIMO_Ant1_2462_106Tone_RU54

11AX20MIMO_Ant1_2462_242Tone_RU61

11AX20MIMO_Ant2_2462_26Tone_RU8

11AX20MIMO_Ant2_2462_52Tone_RU40

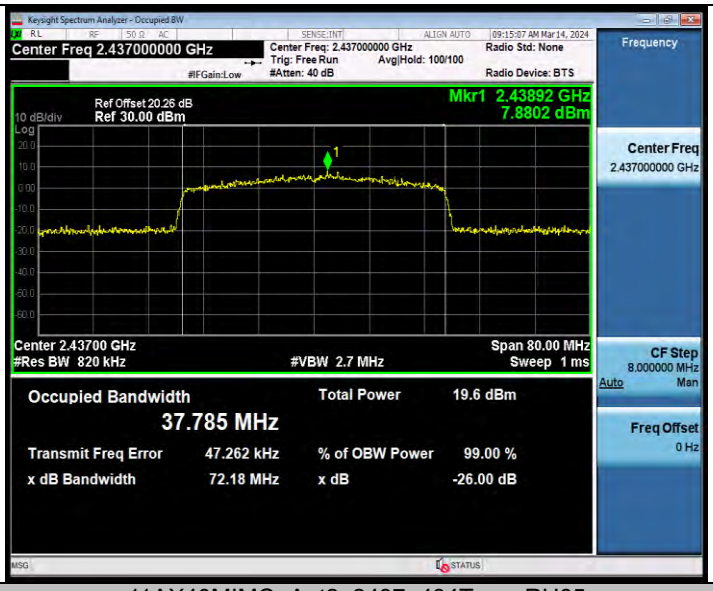
11AX20MIMO_Ant2_2462_106Tone_RU54

11AX20MIMO_Ant2_2462_242Tone_RU61

11AX40MIMO_Ant1_2422_484Tone_RU65

11AX40MIMO_Ant2_2422_484Tone_RU65

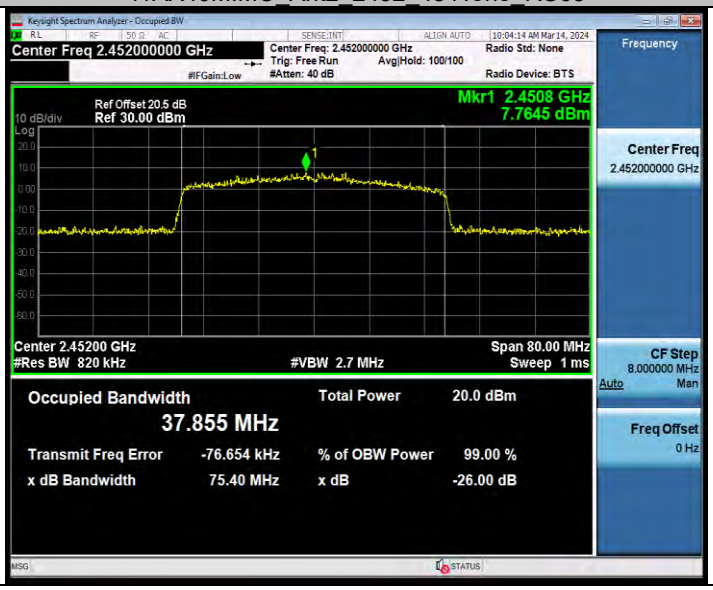
11AX40MIMO_Ant1_2437_484Tone_RU65



11AX40MIMO_Ant2_2437_484Tone_RU65

11AX40MIMO_Ant1_2452_484Tone_RU65

11AX40MIMO_Ant2_2452_484Tone_RU65



MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

Test Mode	TX Mod.	RU Config.	Freq. [MHz]	Ant.	Average power [dBm]	Peak power [dBm]	Peak power [mw]	Conducted Power Limit [dBm]	EIRP power [dBm]	EIRP power [mw]	EIRP Limit [dBm]	Verdict	Power Setting
11AX20	SISO	26/0	2412	ANT1	16.18	24.98	314.77	≤30.00	27.48	559.76	≤36.00	PASS	17
				ANT2	15.64	23.76	237.68	≤30.00	26.26	422.67	≤36.00	PASS	17
		26/4	2437	ANT1	16.33	25.28	337.29	≤30.00	27.78	599.79	≤36.00	PASS	10
				ANT2	16.21	25.13	325.84	≤30.00	27.63	579.43	≤36.00	PASS	10
		26/8	2462	ANT1	16.42	25.40	346.74	≤30.00	27.90	616.60	≤36.00	PASS	8
				ANT2	15.82	25.23	333.43	≤30.00	27.73	592.93	≤36.00	PASS	8
	MIMO	26/0	2412	ANT1	13.40	19.12	81.66	≤30.00	21.62	145.21	≤36.00	PASS	14.5
				ANT2	12.79	18.44	69.82	≤30.00	20.94	124.17	≤36.00	PASS	14.5
				Total	16.12	21.80	151.48	≤30.00	24.30	269.38	≤36.00	PASS	14.5
		26/4	2437	ANT1	13.36	19.01	79.62	≤30.00	21.51	141.58	≤36.00	PASS	7
				ANT2	13.34	18.94	78.34	≤30.00	21.44	139.32	≤36.00	PASS	7
				Total	16.36	21.99	157.96	≤30.00	24.49	280.90	≤36.00	PASS	7
		26/8	2462	ANT1	13.10	18.58	72.11	≤30.00	21.08	128.23	≤36.00	PASS	15
				ANT2	13.04	19.44	87.90	≤30.00	21.94	156.31	≤36.00	PASS	15
				Total	16.08	22.04	160.01	≤30.00	24.54	284.55	≤36.00	PASS	15
	SISO	52/37	2412	ANT1	16.27	26.01	399.02	≤30.00	28.51	709.58	≤36.00	PASS	14.5
				ANT2	15.90	25.89	388.15	≤30.00	28.39	690.24	≤36.00	PASS	14.5
		52/38	2437	ANT1	16.51	25.27	336.51	≤30.00	27.77	598.41	≤36.00	PASS	12
				ANT2	16.47	25.17	328.85	≤30.00	27.67	584.79	≤36.00	PASS	12
		52/40	2462	ANT1	16.52	26.35	431.52	≤30.00	28.85	767.36	≤36.00	PASS	16.5
				ANT2	16.35	26.12	409.26	≤30.00	28.62	727.78	≤36.00	PASS	16.5
	MIMO	52/37	2412	ANT1	13.35	20.68	116.95	≤30.00	23.18	207.97	≤36.00	PASS	12
				ANT2	13.02	20.13	103.04	≤30.00	22.63	183.23	≤36.00	PASS	12
				Total	16.20	23.42	219.99	≤30.00	25.92	391.20	≤36.00	PASS	12
		52/38	2437	ANT1	13.63	18.30	67.61	≤30.00	20.80	120.23	≤36.00	PASS	9
				ANT2	13.19	18.96	78.70	≤30.00	21.46	139.96	≤36.00	PASS	9
				Total	16.43	21.65	146.31	≤30.00	24.15	260.19	≤36.00	PASS	9
		52/40	2462	ANT1	13.47	17.88	61.38	≤30.00	20.38	109.14	≤36.00	PASS	13
				ANT2	13.33	18.93	78.16	≤30.00	21.43	139.00	≤36.00	PASS	13
				Total	16.41	21.45	139.54	≤30.00	23.95	248.14	≤36.00	PASS	13
	SISO	106/53	2412	ANT1	16.32	27.14	518.08	≤30.00	29.64	921.30	≤36.00	PASS	13
				ANT2	16.14	26.17	414.00	≤30.00	28.67	736.21	≤36.00	PASS	13
		106/53	2437	ANT1	16.46	27.34	542.00	≤30.00	29.84	963.83	≤36.00	PASS	13
				ANT2	16.27	26.12	409.26	≤30.00	28.62	727.78	≤36.00	PASS	13
		106/54	2462	ANT1	16.50	27.24	529.66	≤30.00	29.74	941.89	≤36.00	PASS	13.5
				ANT2	16.34	26.23	419.76	≤30.00	28.73	746.45	≤36.00	PASS	13.5
	MIMO	106/53	2412	ANT1	13.03	18.98	79.07	≤30.00	21.48	140.60	≤36.00	PASS	10

				ANT2	13.00	18.95	78.52	≤30.00	21.45	139.64	≤36.00	PASS	10
				Total	16.03	21.98	157.59	≤30.00	24.48	280.24	≤36.00	PASS	10
		106/53	2437	ANT1	13.73	19.96	99.08	≤30.00	22.46	176.20	≤36.00	PASS	10.5
				ANT2	13.25	19.78	95.06	≤30.00	22.28	169.04	≤36.00	PASS	10.5
				Total	16.51	22.88	194.14	≤30.00	25.38	345.24	≤36.00	PASS	10.5
		106/54	2462	ANT1	13.38	19.20	83.18	≤30.00	21.70	147.91	≤36.00	PASS	11
				ANT2	12.37	18.90	77.62	≤30.00	21.40	138.04	≤36.00	PASS	11
				Total	15.91	22.06	160.80	≤30.00	24.56	285.95	≤36.00	PASS	11
	SISO	FULL	2412	ANT1	16.42	25.91	389.94	≤30.00	28.41	693.43	≤36.00	PASS	12.5
				ANT2	16.39	25.89	388.15	≤30.00	28.39	690.24	≤36.00	PASS	12.5
		FULL	2437	ANT1	16.38	26.34	430.53	≤30.00	28.84	765.60	≤36.00	PASS	12.5
				ANT2	16.18	26.15	412.10	≤30.00	28.65	732.82	≤36.00	PASS	12.5
		FULL	2462	ANT1	15.97	25.98	396.28	≤30.00	28.48	704.69	≤36.00	PASS	13
				ANT2	16.90	25.84	383.71	≤30.00	28.34	682.34	≤36.00	PASS	13
	MIMO	FULL	2412	ANT1	13.45	20.94	124.17	≤30.00	23.44	220.80	≤36.00	PASS	9.5
				ANT2	13.12	20.68	116.95	≤30.00	23.18	207.97	≤36.00	PASS	9.5
				Total	16.30	23.82	241.12	≤30.00	26.32	428.77	≤36.00	PASS	9.5
		FULL	2437	ANT1	13.43	20.92	123.59	≤30.00	23.42	219.79	≤36.00	PASS	9.5
				ANT2	13.41	20.78	119.67	≤30.00	23.28	212.81	≤36.00	PASS	9.5
				Total	16.43	23.86	243.27	≤30.00	26.36	432.60	≤36.00	PASS	9.5
		FULL	2462	ANT1	13.23	19.99	99.77	≤30.00	22.49	177.42	≤36.00	PASS	9.5
				ANT2	12.96	19.68	92.90	≤30.00	22.18	165.20	≤36.00	PASS	9.5
				Total	16.11	22.85	192.67	≤30.00	25.35	342.62	≤36.00	PASS	9.5
11AX40	SISO	26/0	2422	ANT1	15.27	25.55	358.92	≤30.00	28.05	638.26	≤36.00	PASS	12.5
				ANT2	15.1	25.40	346.74	≤30.00	27.90	616.60	≤36.00	PASS	12.5
		26/4	2437	ANT1	15.48	25.42	348.34	≤30.00	27.92	619.44	≤36.00	PASS	11
				ANT2	15.04	25.13	325.84	≤30.00	27.63	579.43	≤36.00	PASS	11
		26/8	2452	ANT1	15.59	25.78	378.44	≤30.00	28.28	672.98	≤36.00	PASS	13
				ANT2	15.13	25.61	363.92	≤30.00	28.11	647.14	≤36.00	PASS	133
	MIMO	26/0	2422	ANT1	12.4	19.24	83.95	≤30.00	21.74	149.28	≤36.00	PASS	10
				ANT2	12.3	19.16	82.41	≤30.00	21.66	146.55	≤36.00	PASS	10
				Total	15.361	22.21	166.36	≤30.00	24.71	295.83	≤36.00	PASS	10
		26/4	2437	ANT1	12.53	19.73	93.97	≤30.00	22.23	167.11	≤36.00	PASS	8
				ANT2	11.64	18.87	77.09	≤30.00	21.37	137.09	≤36.00	PASS	8
				Total	15.118	22.33	171.06	≤30.00	24.83	304.20	≤36.00	PASS	8
		26/8	2452	ANT1	12.88	19.99	99.77	≤30.00	22.49	177.42	≤36.00	PASS	10
				ANT2	12.16	19.87	97.05	≤30.00	22.37	172.58	≤36.00	PASS	10
				Total	15.545	22.94	196.82	≤30.00	25.44	350.00	≤36.00	PASS	10

Note:The Average power with duty cycle factor.

MAXIMUM POWER SPECTRAL DENSITY

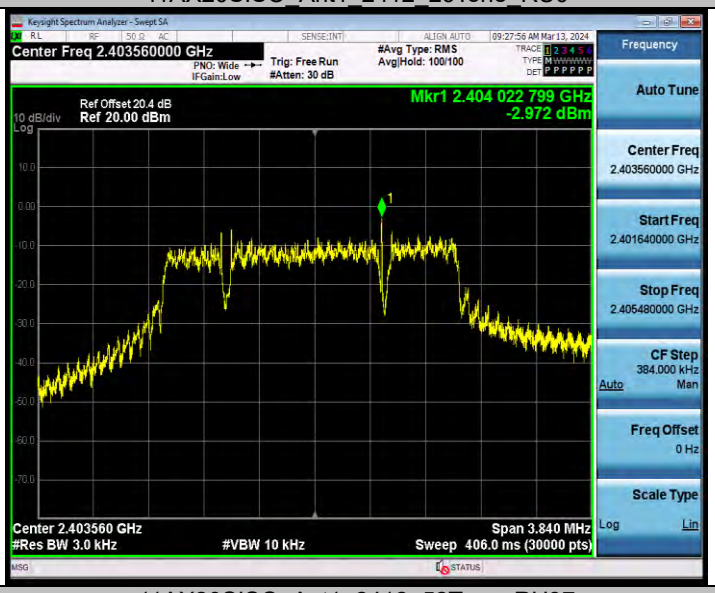
TEST RESULT

TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20SISO	Ant1	2412	26Tone	RU0	-2.97	≤8.00	PASS
			52Tone	RU37	-5.66	≤8.00	PASS
			106Tone	RU53	-6.89	≤8.00	PASS
			242Tone	RU61	-10.61	≤8.00	PASS
	Ant2	2412	26Tone	RU0	-4.07	≤8.00	PASS
			52Tone	RU37	-7.46	≤8.00	PASS
			106Tone	RU53	-8.08	≤8.00	PASS
			242Tone	RU61	-11.81	≤8.00	PASS
	Ant1	2437	26Tone	RU4	-5.00	≤8.00	PASS
			52Tone	RU38	-6.29	≤8.00	PASS
			106Tone	RU53	-9.15	≤8.00	PASS
			242Tone	RU61	-11.71	≤8.00	PASS
	Ant2	2437	26Tone	RU4	-5.05	≤8.00	PASS
			52Tone	RU38	-6.54	≤8.00	PASS
			106Tone	RU53	-8.67	≤8.00	PASS
			242Tone	RU61	-12.87	≤8.00	PASS
	Ant1	2462	26Tone	RU8	-4.81	≤8.00	PASS
			52Tone	RU40	-6.27	≤8.00	PASS
			106Tone	RU54	-7.52	≤8.00	PASS
			242Tone	RU61	-11.20	≤8.00	PASS
	Ant2	2462	26Tone	RU8	-4.52	≤8.00	PASS
			52Tone	RU40	-6.08	≤8.00	PASS
			106Tone	RU54	-8.21	≤8.00	PASS
			242Tone	RU61	-12.40	≤8.00	PASS
11AX40SISO	Ant1	2422	484Tone	RU65	-14.65	≤8.00	PASS
	Ant2	2422	484Tone	RU65	-14.42	≤8.00	PASS
	Ant1	2437	484Tone	RU65	-16.41	≤8.00	PASS
	Ant2	2437	484Tone	RU65	-11.12	≤8.00	PASS
	Ant1	2452	484Tone	RU65	-13.59	≤8.00	PASS
	Ant2	2452	484Tone	RU65	-8.73	≤8.00	PASS
11AX20MIMO	Ant1	2412	26Tone	RU0	-1.79	≤8.00	PASS
			52Tone	RU37	-1.74	≤8.00	PASS
			106Tone	RU53	-6.53	≤8.00	PASS
			242Tone	RU61	-10.48	≤8.00	PASS
	Ant2	2412	26Tone	RU0	-2.29	≤8.00	PASS
			52Tone	RU37	-1.98	≤8.00	PASS
			106Tone	RU53	-6.36	≤8.00	PASS
			242Tone	RU61	-10.60	≤8.00	PASS
	total	2412	26Tone	RU0	0.98	≤8.00	PASS
			52Tone	RU37	1.15	≤8.00	PASS
			106Tone	RU53	-3.43	≤8.00	PASS
			242Tone	RU61	-7.53	≤8.00	PASS
	Ant1	2437	26Tone	RU4	-4.26	≤8.00	PASS
			52Tone	RU38	-4.80	≤8.00	PASS
			106Tone	RU53	-6.03	≤8.00	PASS
			242Tone	RU61	-10.35	≤8.00	PASS
	Ant2	2437	26Tone	RU4	-3.99	≤8.00	PASS
			52Tone	RU38	-3.10	≤8.00	PASS
			106Tone	RU53	-5.04	≤8.00	PASS
			242Tone	RU61	-9.18	≤8.00	PASS
	total	2437	26Tone	RU4	-1.11	≤8.00	PASS

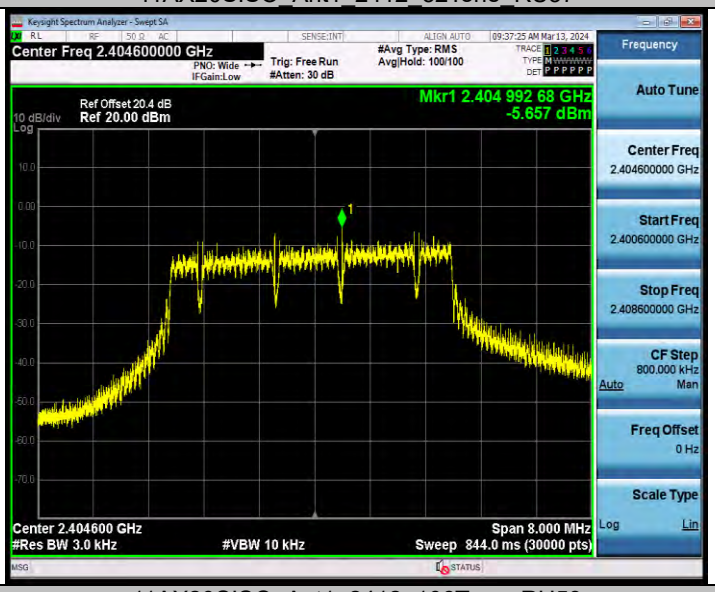
			52Tone	RU38	-0.86	≤8.00	PASS
			106Tone	RU53	-2.50	≤8.00	PASS
			242Tone	RU61	-6.72	≤8.00	PASS
	Ant1	2462	26Tone	RU8	-2.58	≤8.00	PASS
			52Tone	RU40	-2.82	≤8.00	PASS
			106Tone	RU54	-6.44	≤8.00	PASS
			242Tone	RU61	-10.40	≤8.00	PASS
	Ant2	2462	26Tone	RU8	-1.78	≤8.00	PASS
			52Tone	RU40	-1.77	≤8.00	PASS
			106Tone	RU54	-5.75	≤8.00	PASS
			242Tone	RU61	-10.12	≤8.00	PASS
	total	2462	26Tone	RU8	0.85	≤8.00	PASS
			52Tone	RU40	0.75	≤8.00	PASS
			106Tone	RU54	-3.07	≤8.00	PASS
			242Tone	RU61	-7.25	≤8.00	PASS
11AX40MIMO	Ant1	2422	484Tone	RU65	-12.79	≤8.00	PASS
	Ant2	2422	484Tone	RU65	-12.68	≤8.00	PASS
	total	2422	484Tone	RU65	-9.72	≤8.00	PASS
	Ant1	2437	484Tone	RU65	-11.85	≤8.00	PASS
	Ant2	2437	484Tone	RU65	-12.73	≤8.00	PASS
	total	2437	484Tone	RU65	-9.26	≤8.00	PASS
	Ant1	2452	484Tone	RU65	-12.81	≤8.00	PASS
	Ant2	2452	484Tone	RU65	-11.72	≤8.00	PASS
	total	2452	484Tone	RU65	-9.22	≤8.00	PASS

TEST GRAPHS

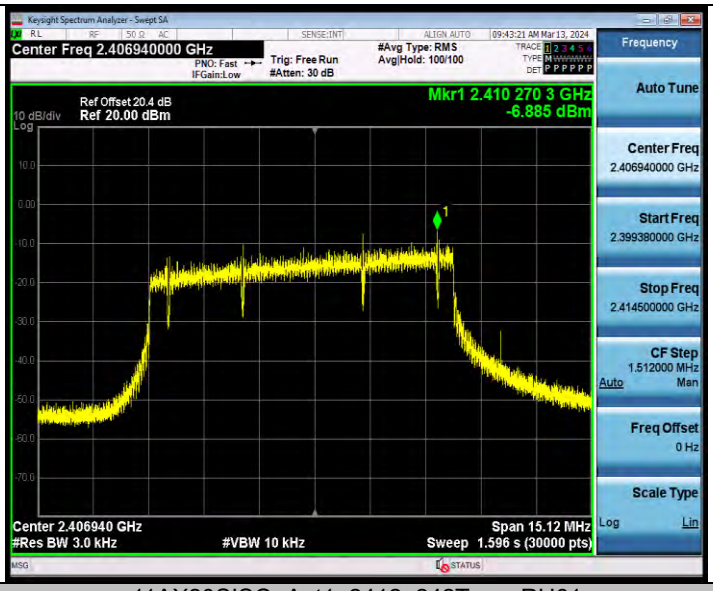
11AX20SISO_Ant1_2412_26Tone_RU0



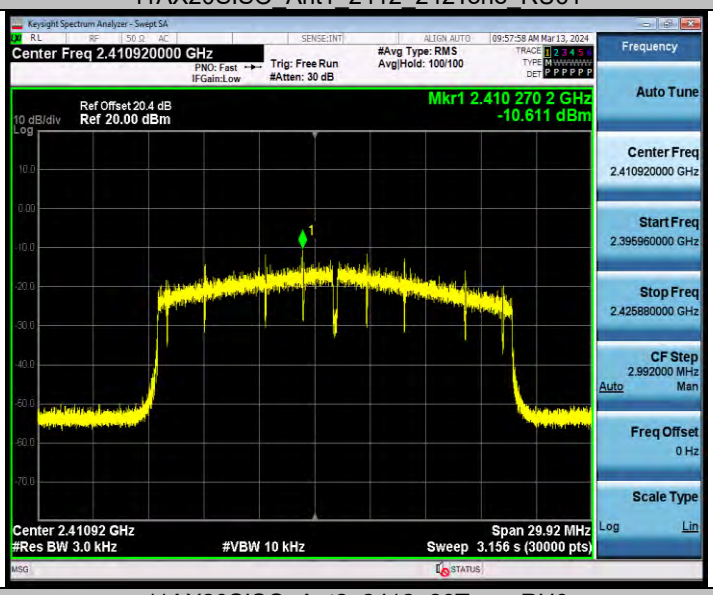
11AX20SISO_Ant1_2412_52Tone_RU37



11AX20SISO_Ant1_2412_106Tone_RU53

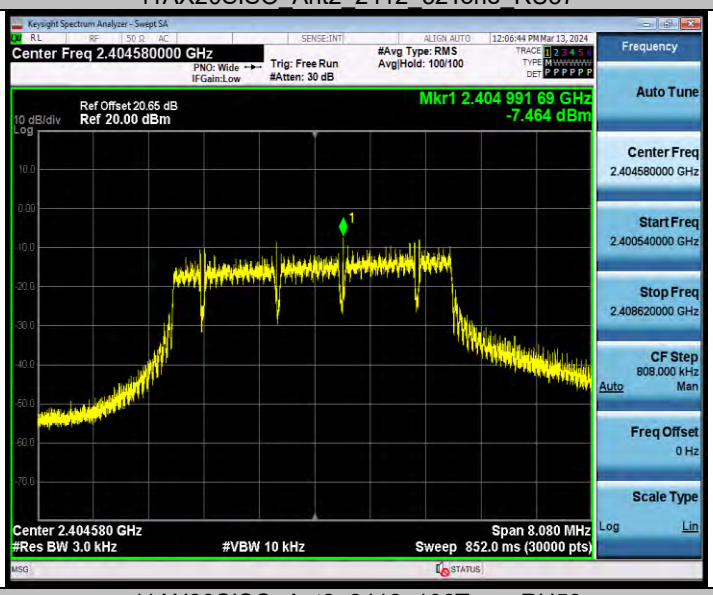


11AX20SISO_Ant1_2412_242Tone_RU61



11AX20SISO_Ant2_2412_26Tone_RU0

11AX20SISO_Ant2_2412_52Tone_RU37



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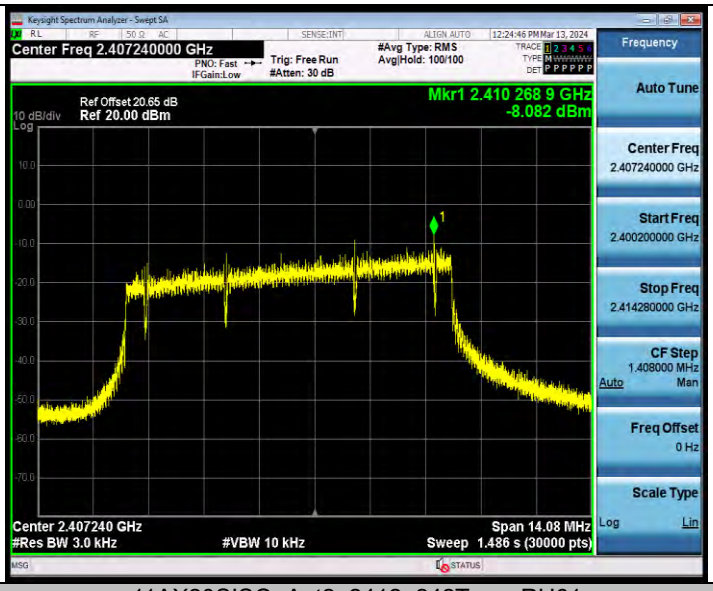
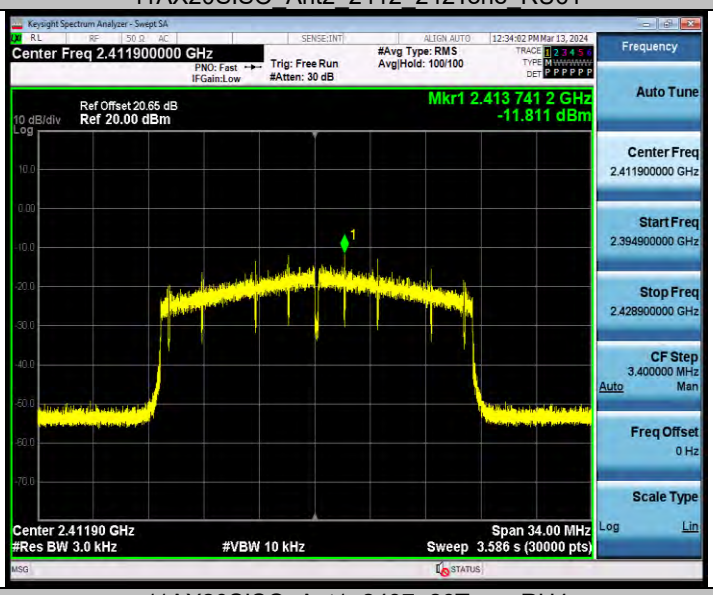
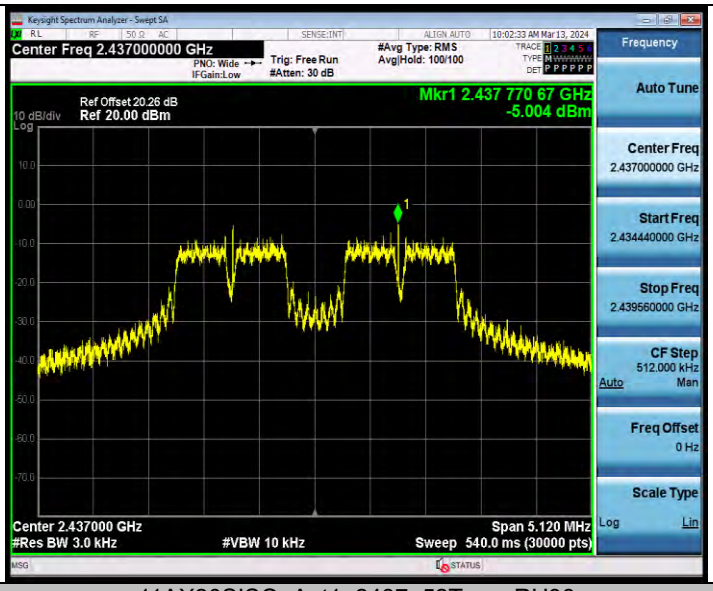


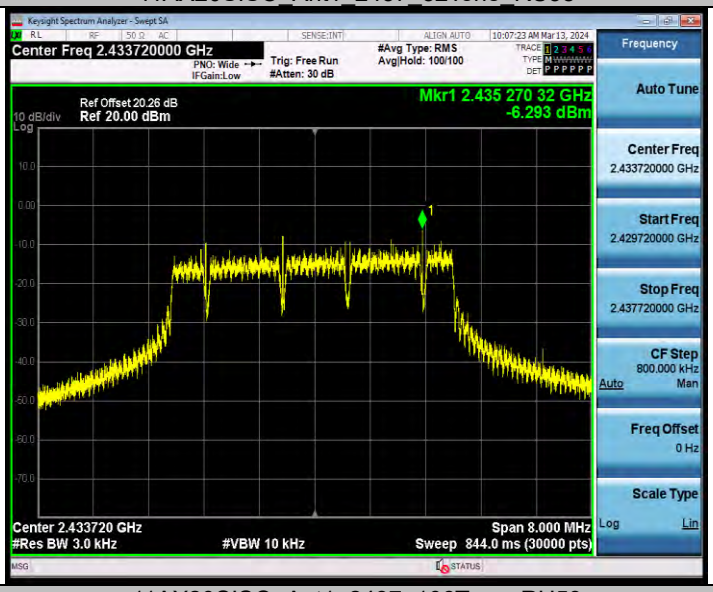
11AX20SISO_Ant2_2412_242Tone_RU61



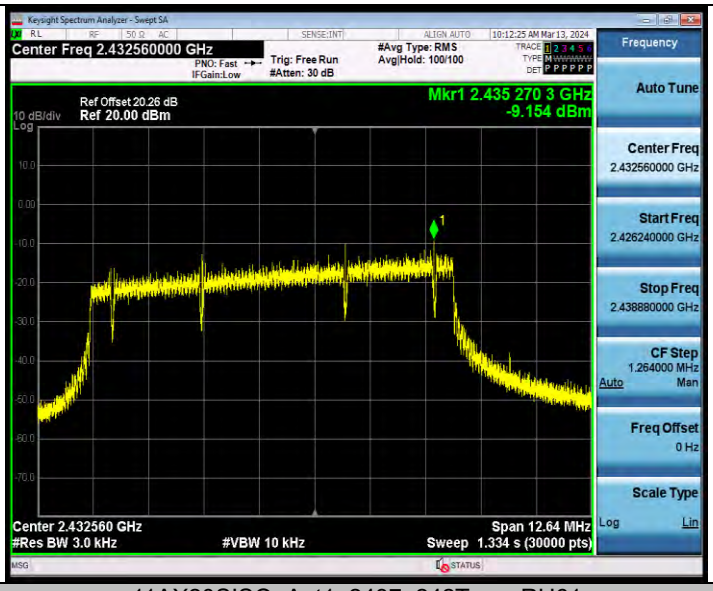
11AX20SISO_Ant1_2437_26Tone_RU4



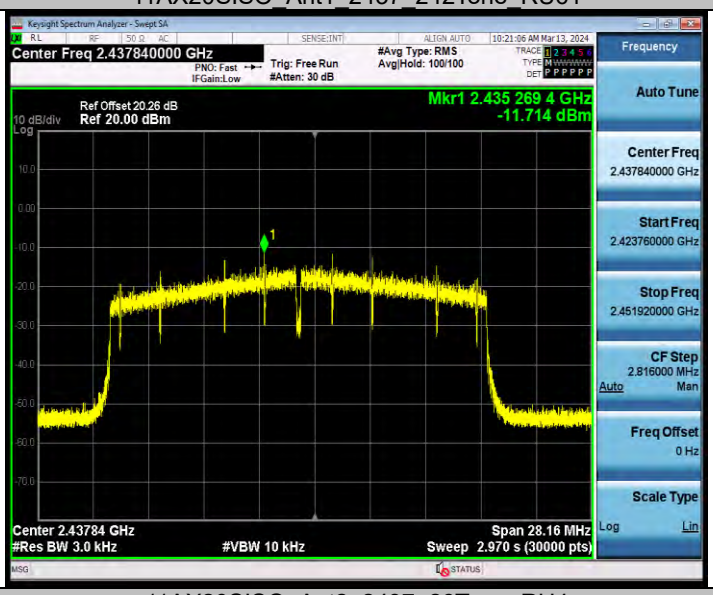
11AX20SISO_Ant1_2437_52Tone_RU38



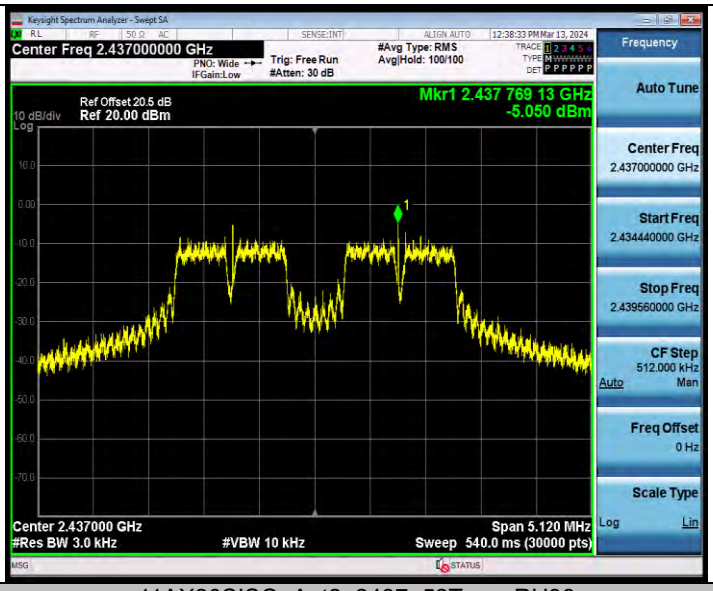
11AX20SISO_Ant1_2437_106Tone_RU53



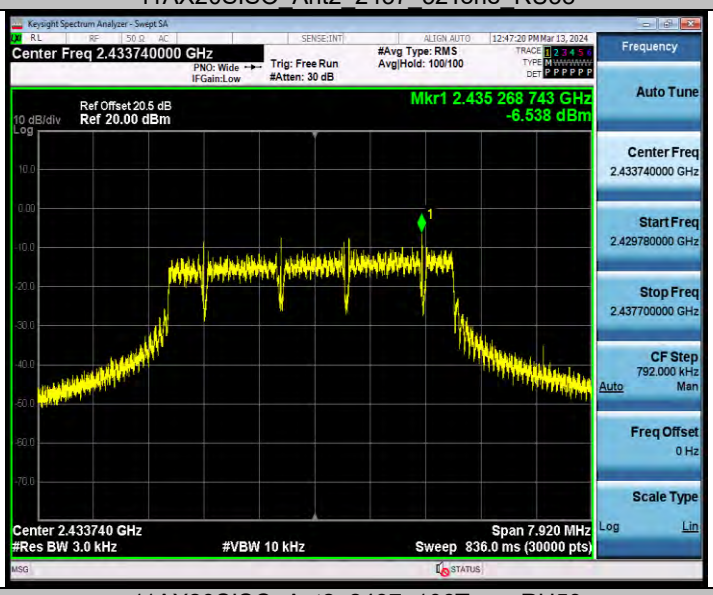
11AX20SISO_Ant1_2437_242Tone_RU61



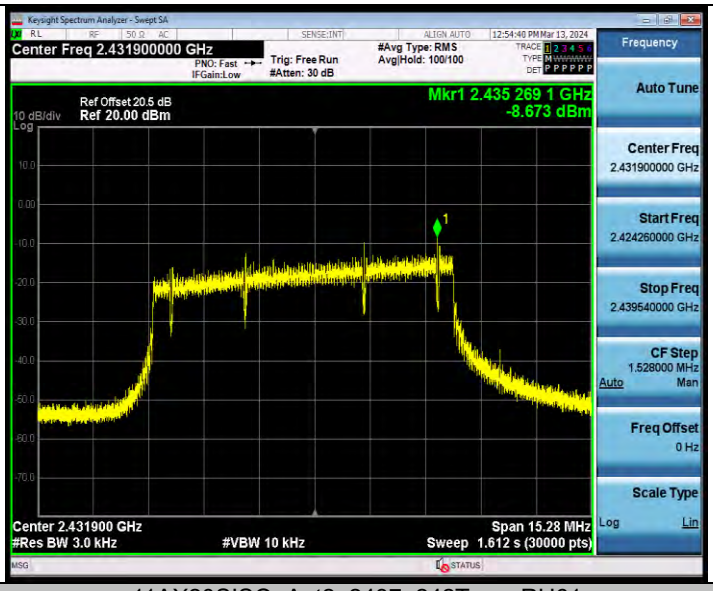
11AX20SISO_Ant2_2437_26Tone_RU4



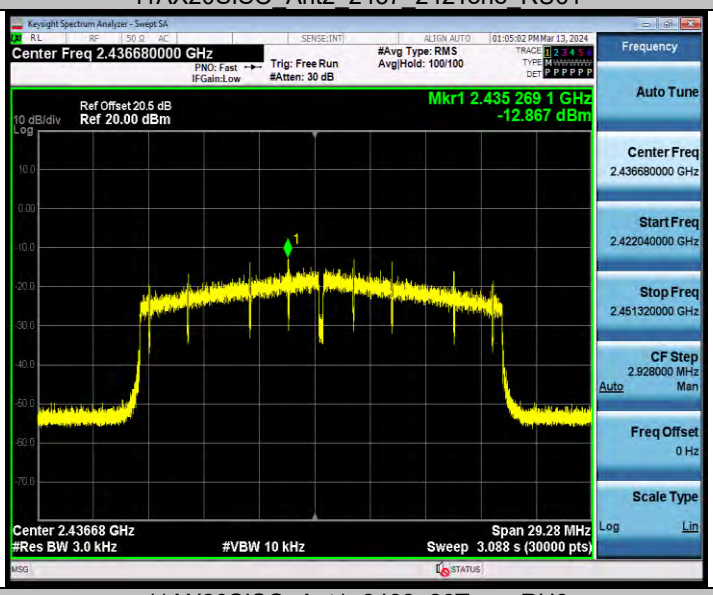
11AX20SISO_Ant2_2437_52Tone_RU38



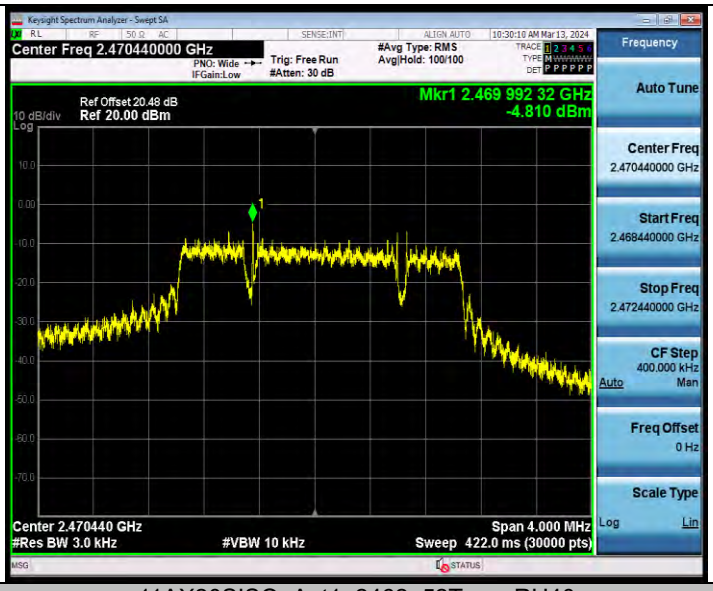
11AX20SISO_Ant2_2437_106Tone_RU53



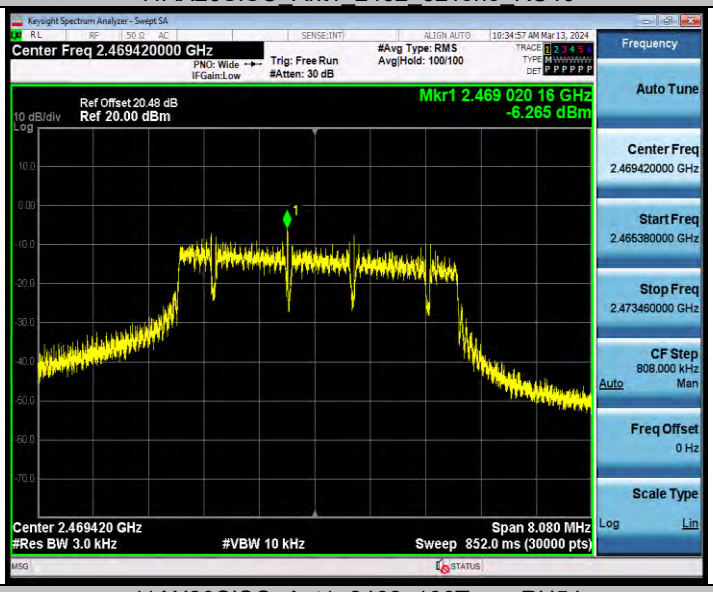
11AX20SISO_Ant2_2437_242Tone_RU61



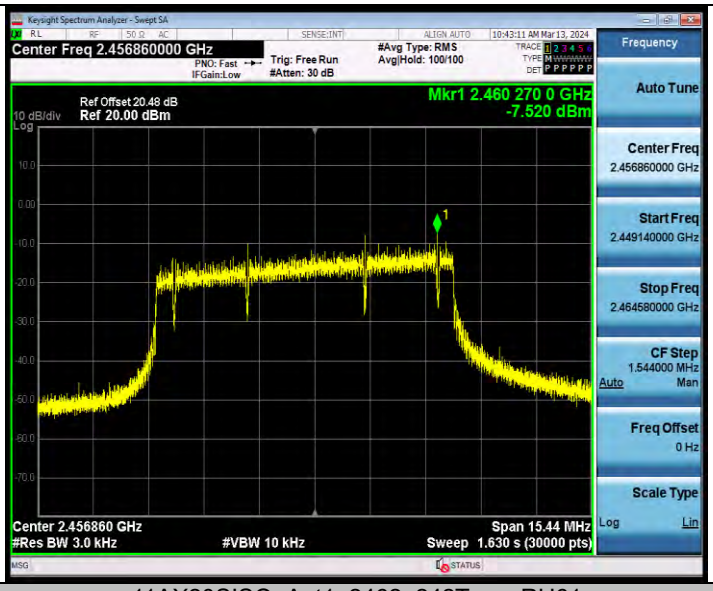
11AX20SISO_Ant1_2462_26Tone_RU8



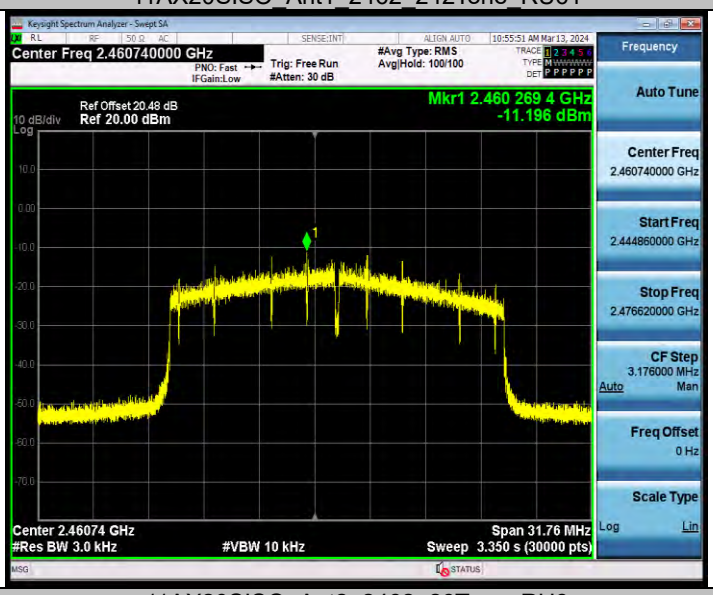
11AX20SISO_Ant1_2462_52Tone_RU40



11AX20SISO_Ant1_2462_106Tone_RU54

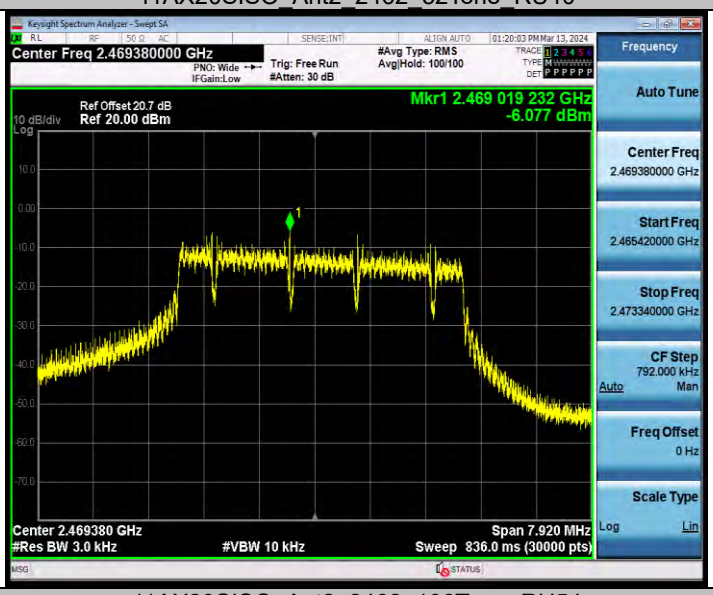


11AX20SISO_Ant1_2462_242Tone_RU61



11AX20SISO_Ant2_2462_26Tone_RU8

11AX20SISO_Ant2_2462_52Tone_RU40



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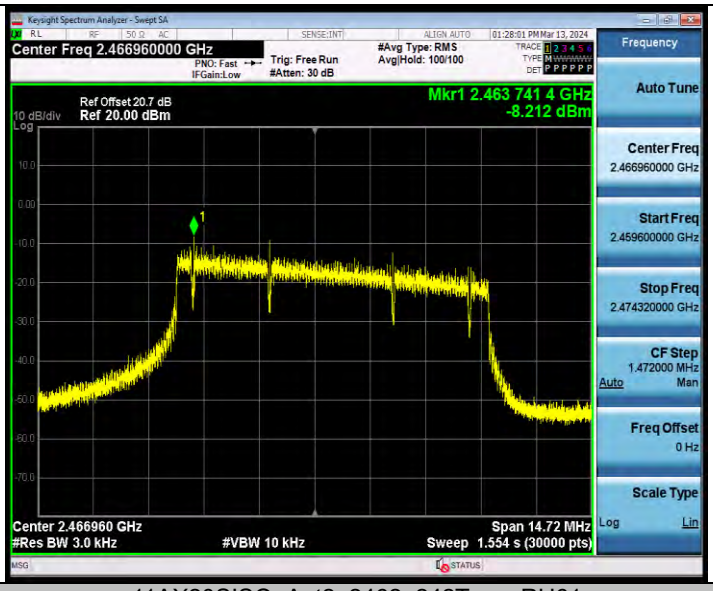
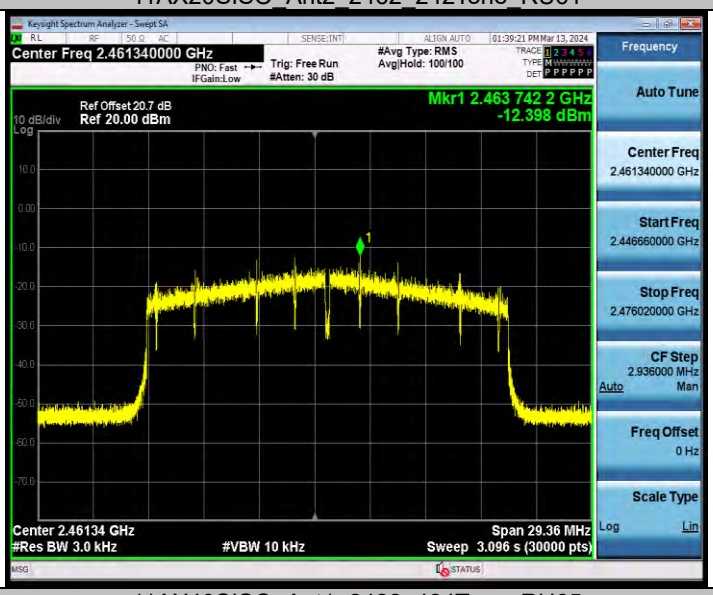
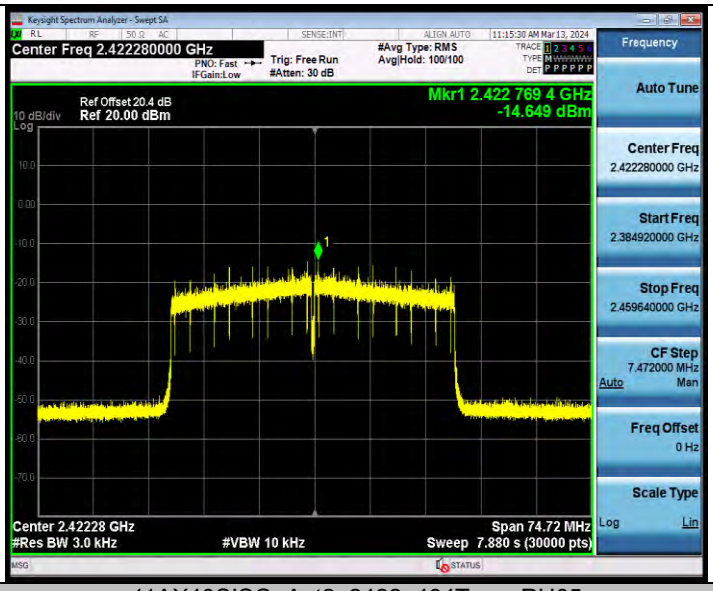


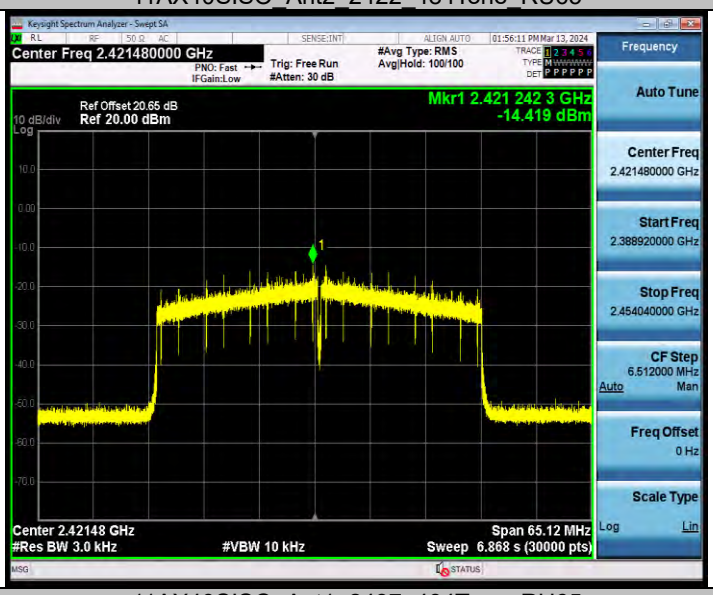
11AX20SISO_Ant2_2462_242Tone_RU61



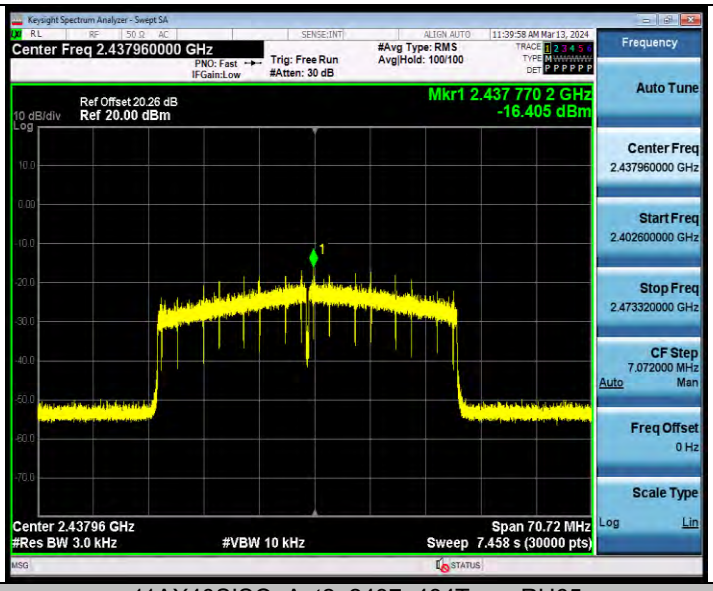
11AX40SISO_Ant1_2422_484Tone_RU65



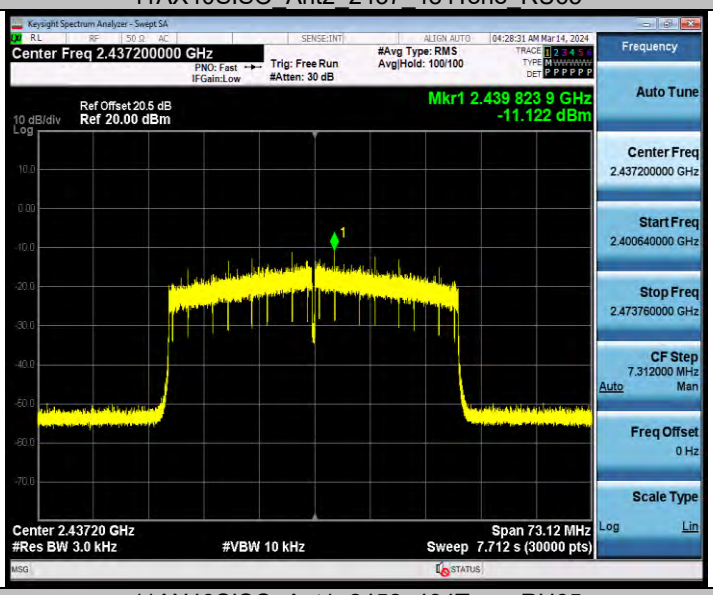
11AX40SISO_Ant2_2422_484Tone_RU65



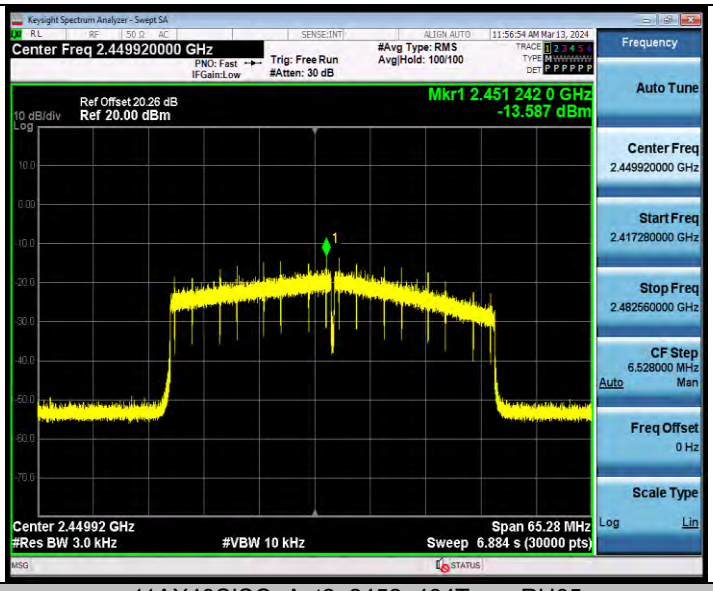
11AX40SISO_Ant1_2437_484Tone_RU65



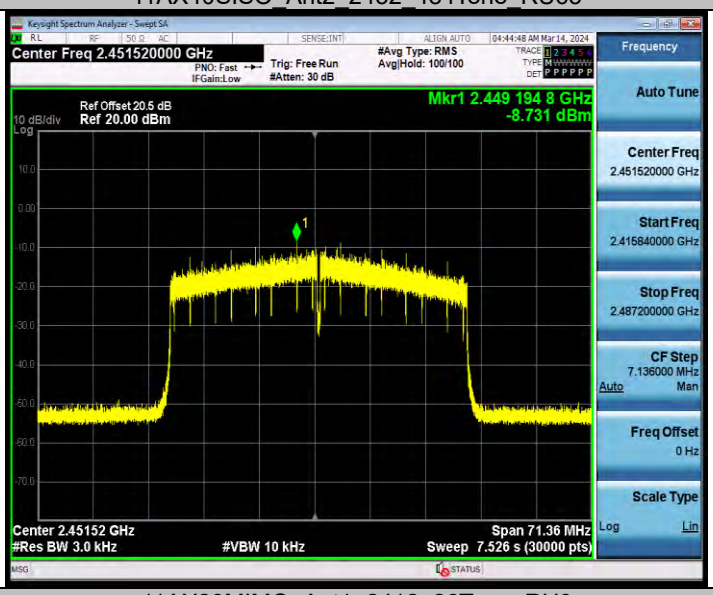
11AX40SISO_Ant2_2437_484Tone_RU65



11AX40SISO_Ant1_2452_484Tone_RU65

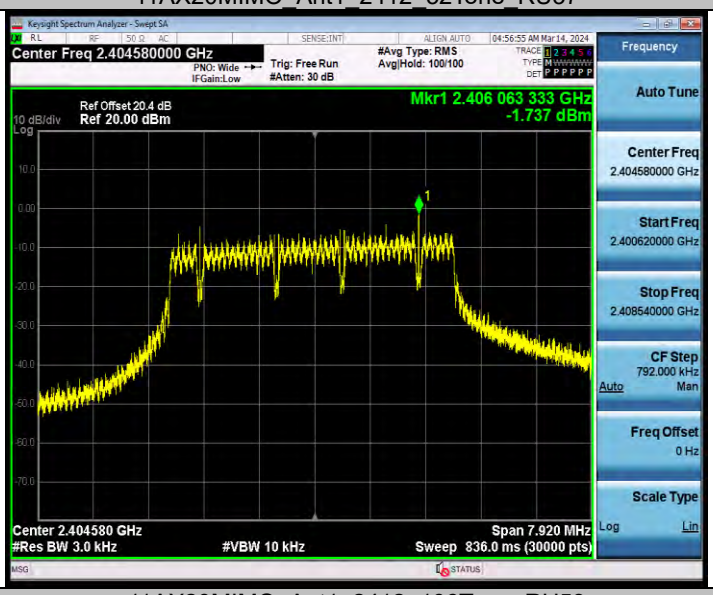


11AX40SISO_Ant2_2452_484Tone_RU65



11AX20MIMO_Ant1_2412_26Tone_RU0

11AX20MIMO_Ant1_2412_52Tone_RU37



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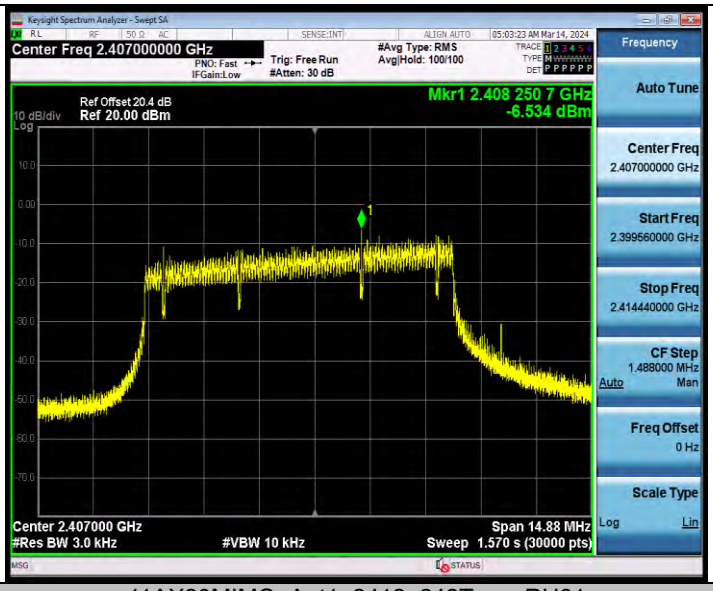
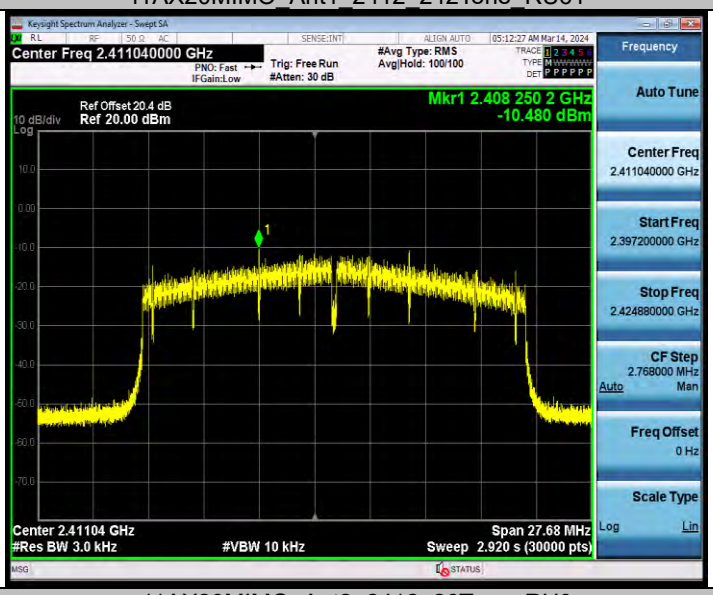
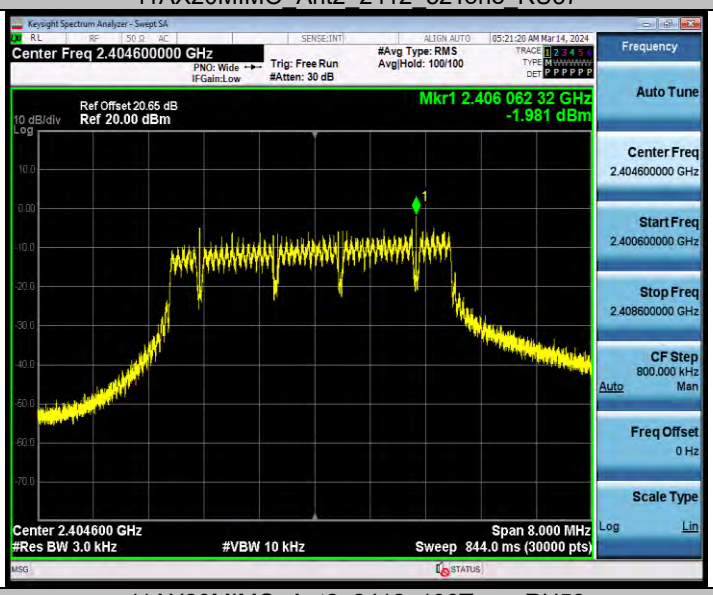


11AX20MIMO_Ant1_2412_242Tone_RU61



11AX20MIMO_Ant2_2412_26Tone_RU0

11AX20MIMO_Ant2_2412_52Tone_RU37



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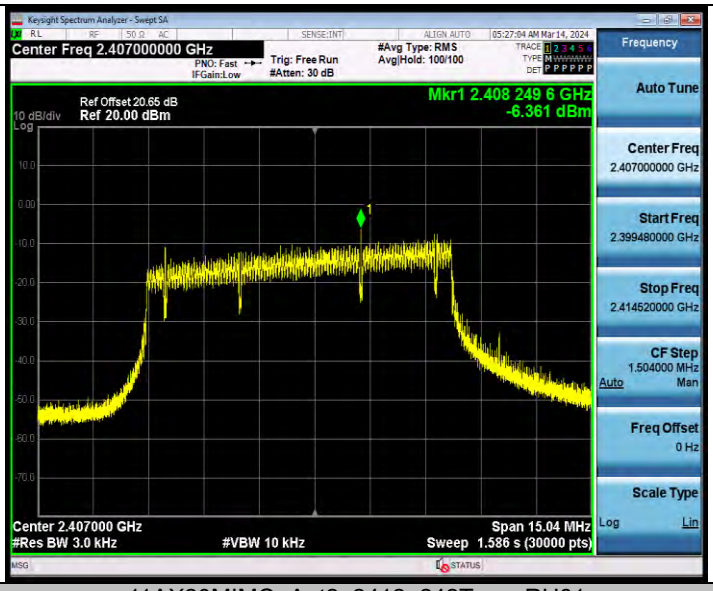
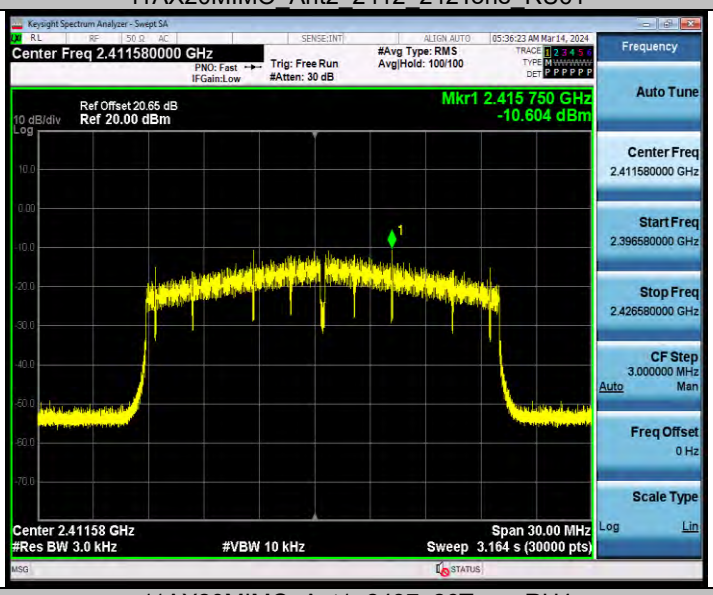
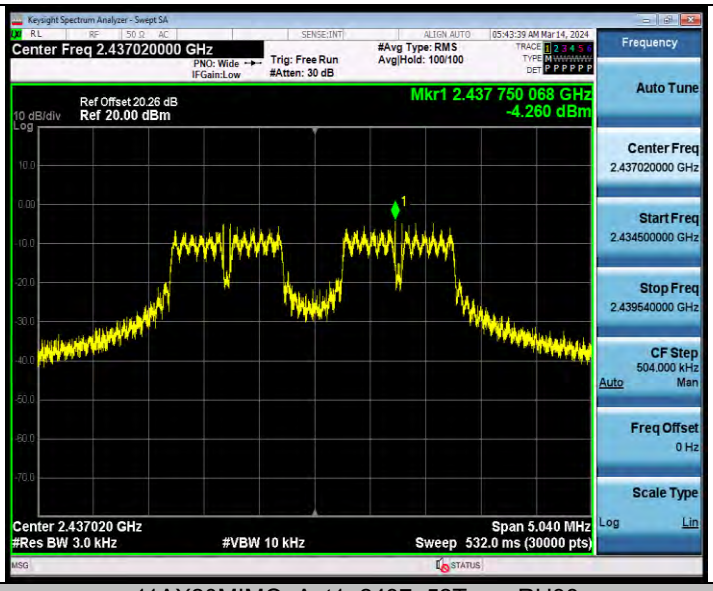


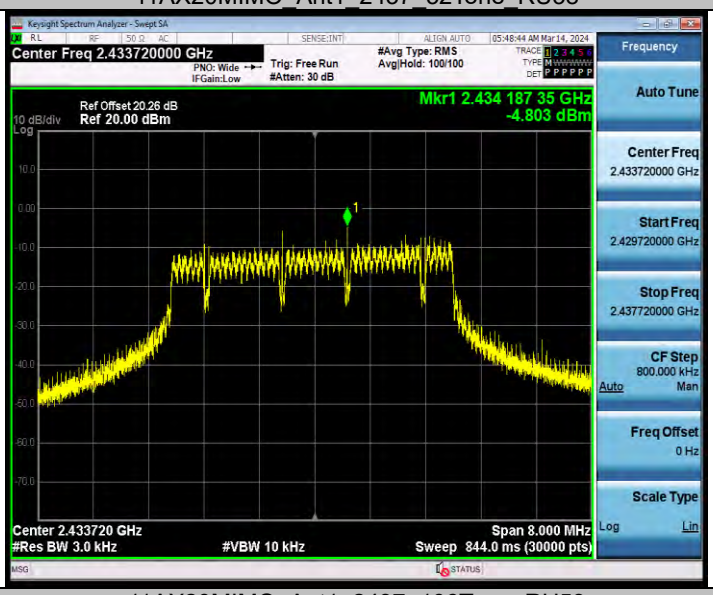
11AX20MIMO_Ant2_2412_242Tone_RU61



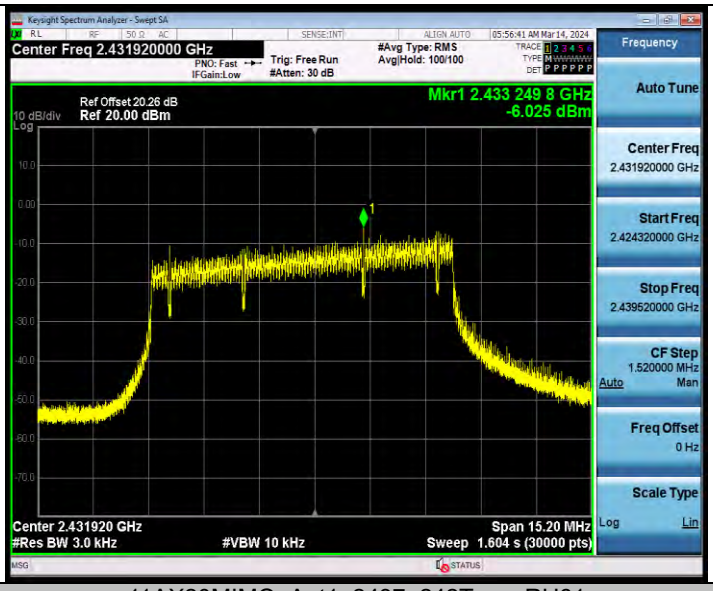
11AX20MIMO_Ant1_2437_26Tone_RU4



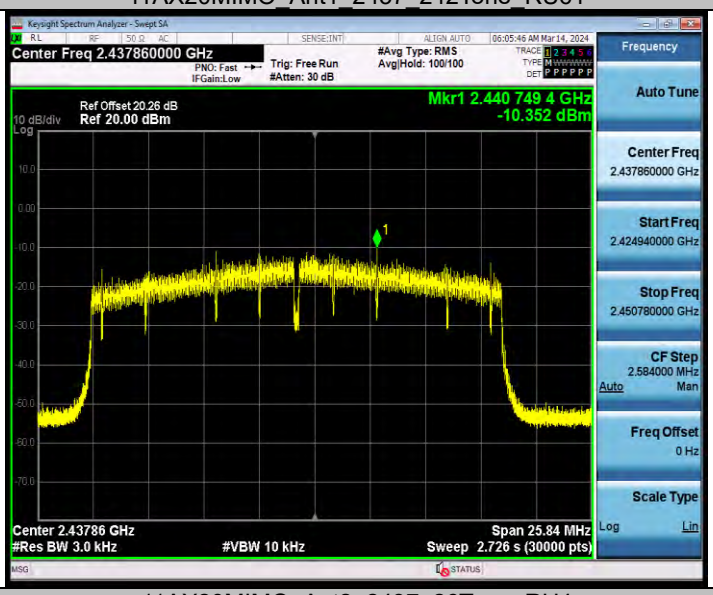
11AX20MIMO_Ant1_2437_52Tone_RU38



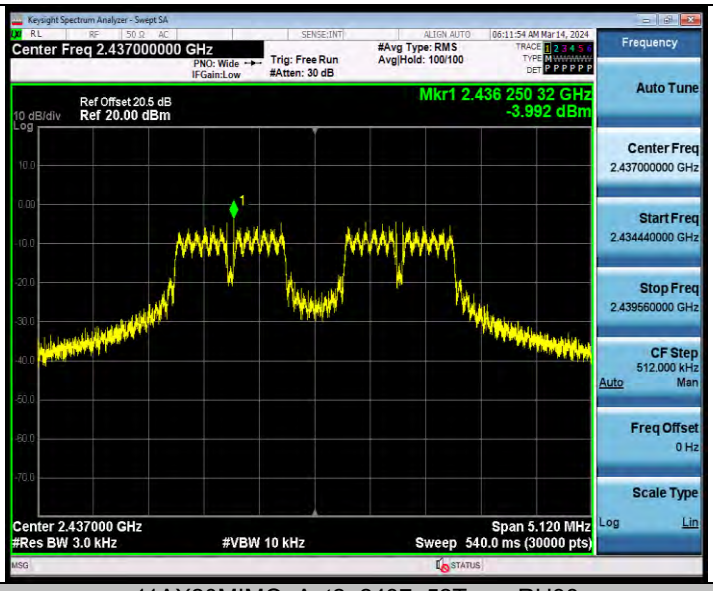
11AX20MIMO_Ant1_2437_106Tone_RU53



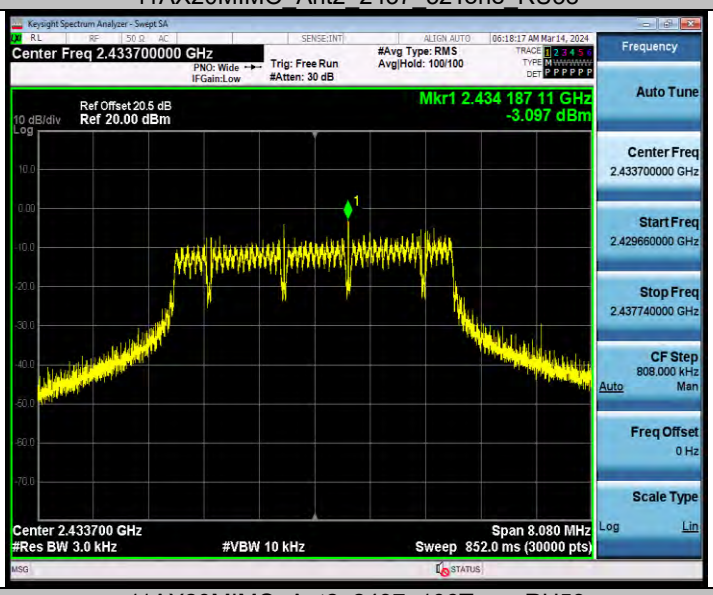
11AX20MIMO_Ant1_2437_242Tone_RU61



11AX20MIMO_Ant2_2437_26Tone_RU4



11AX20MIMO_Ant2_2437_52Tone_RU38



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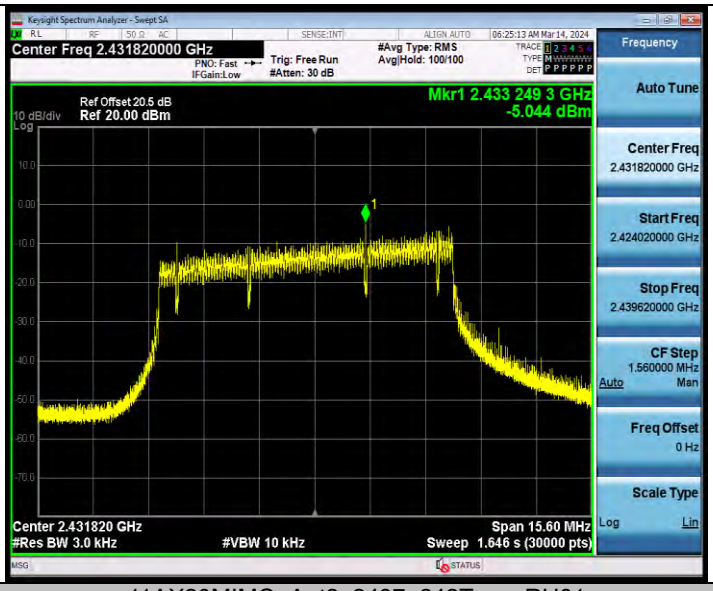
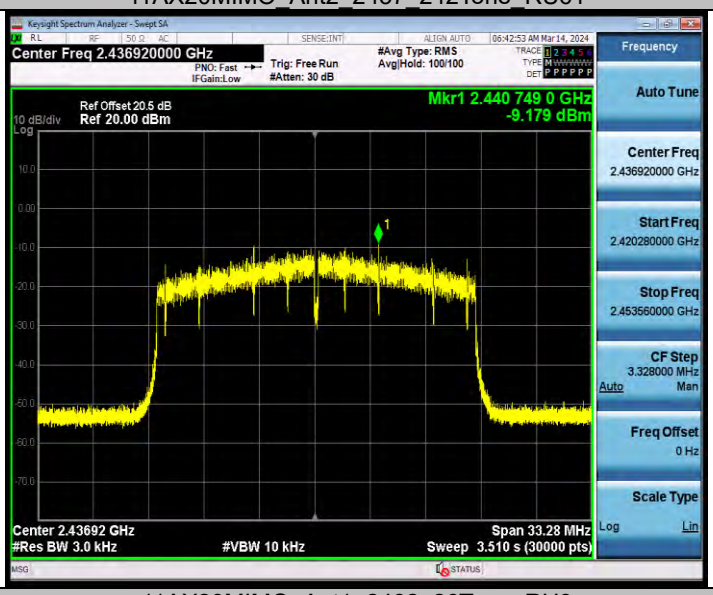
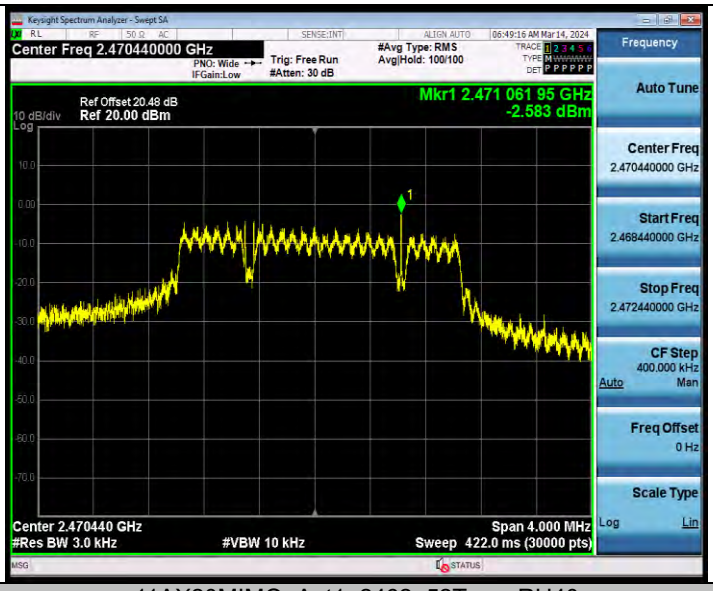


11AX20MIMO_Ant2_2437_242Tone_RU61



11AX20MIMO_Ant1_2462_26Tone_RU8



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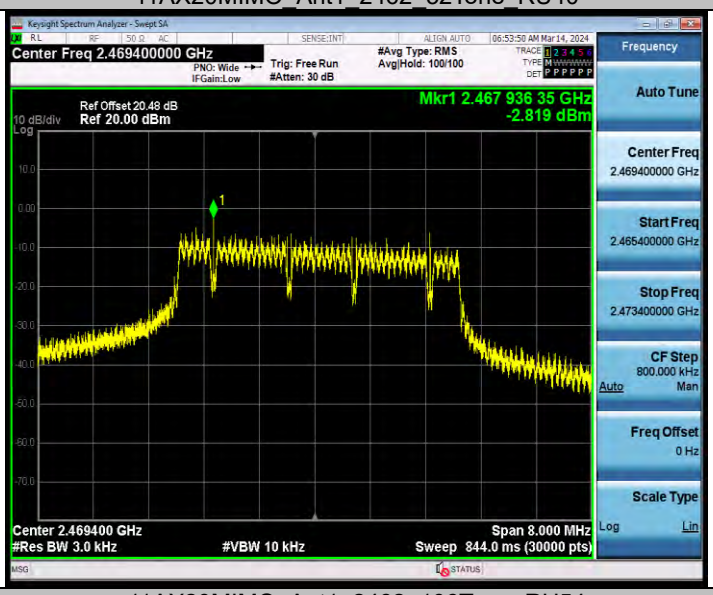
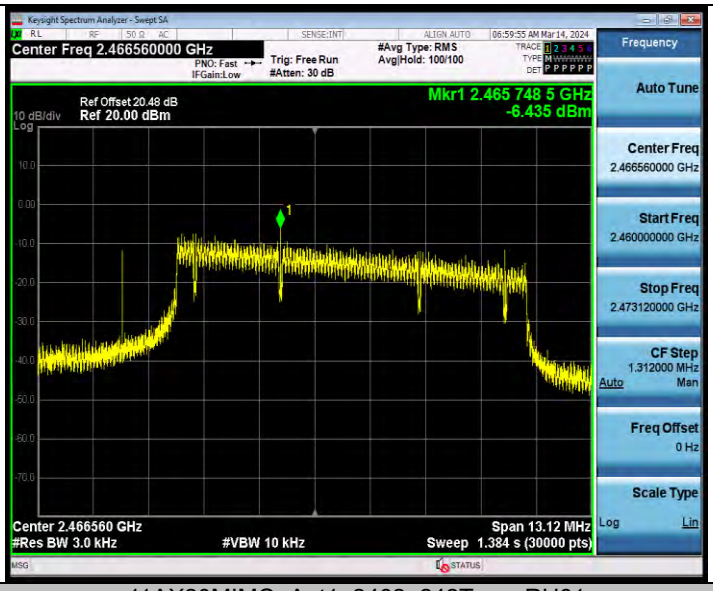
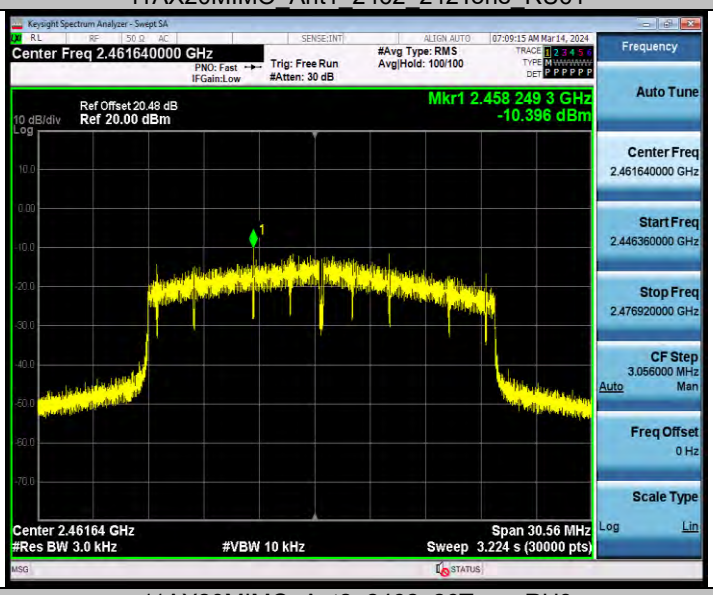


11AX20MIMO_Ant1_2462_106Tone_RU54

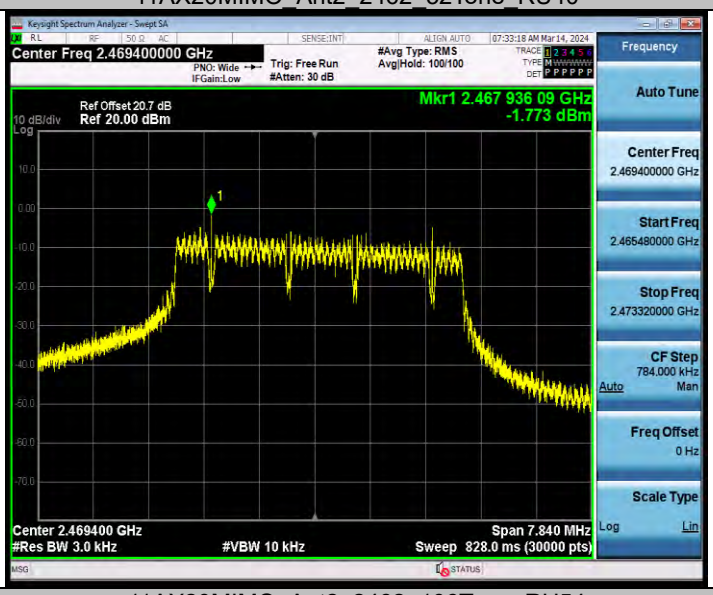


11AX20MIMO_Ant1_2462_242Tone_RU61

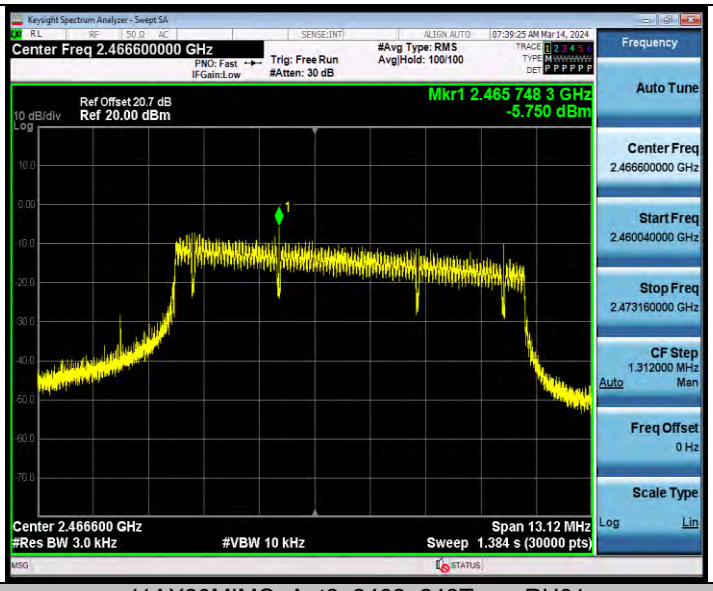


11AX20MIMO_Ant2_2462_26Tone_RU8

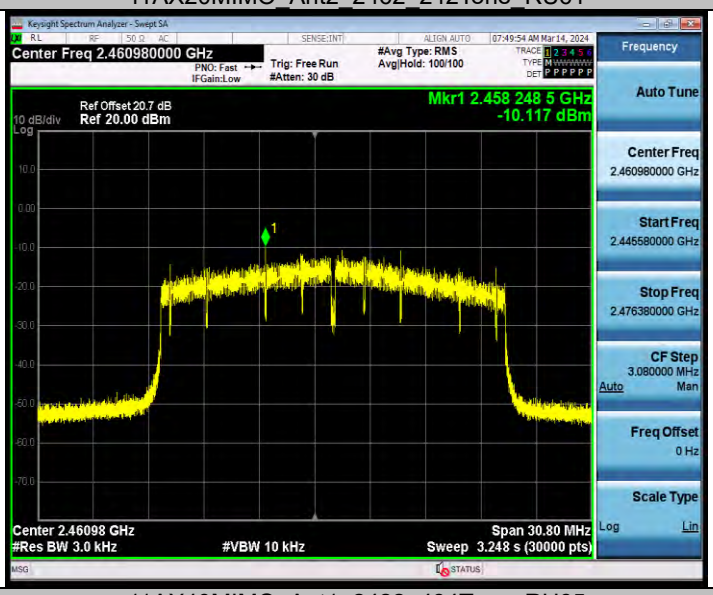
11AX20MIMO_Ant2_2462_52Tone_RU40



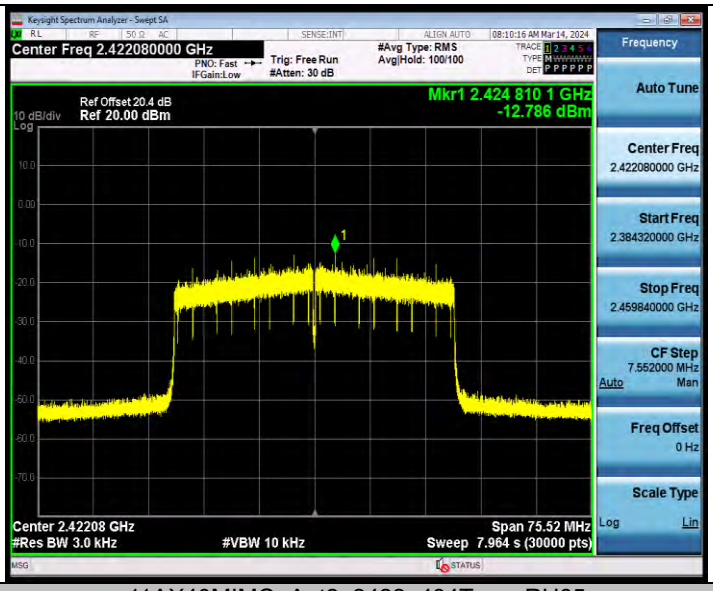
11AX20MIMO_Ant2_2462_106Tone_RU54



11AX20MIMO_Ant2_2462_242Tone_RU61



11AX40MIMO_Ant1_2422_484Tone_RU65



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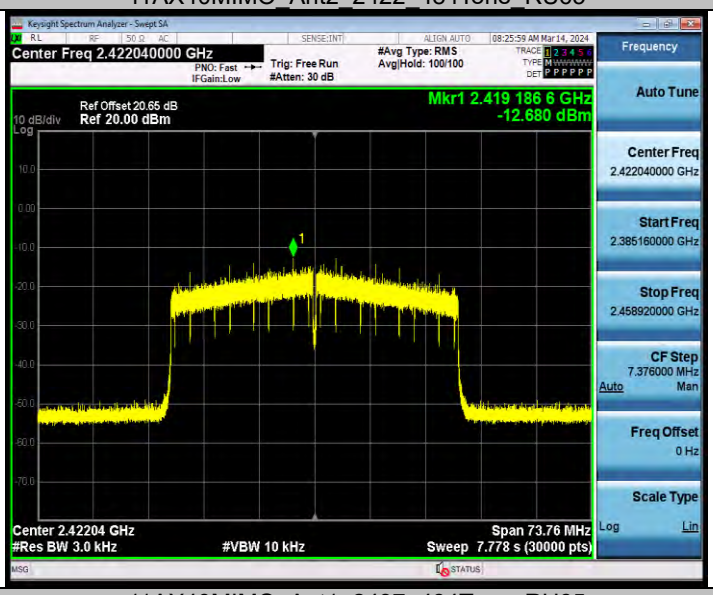

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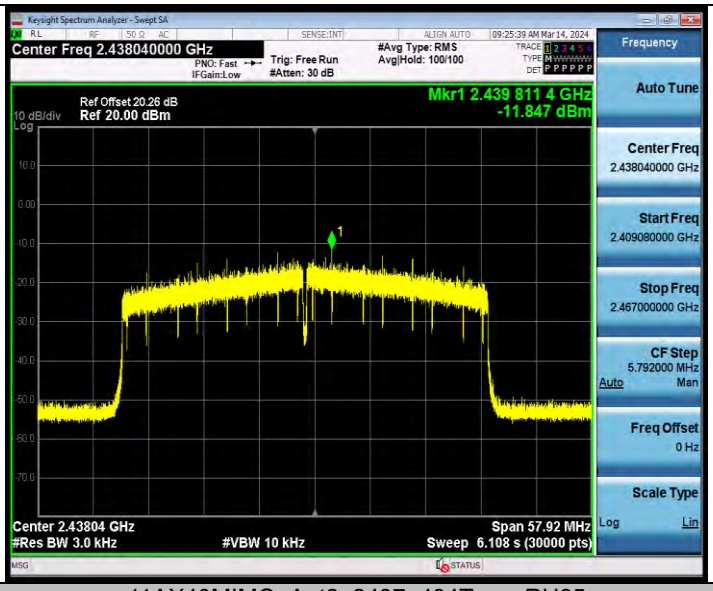

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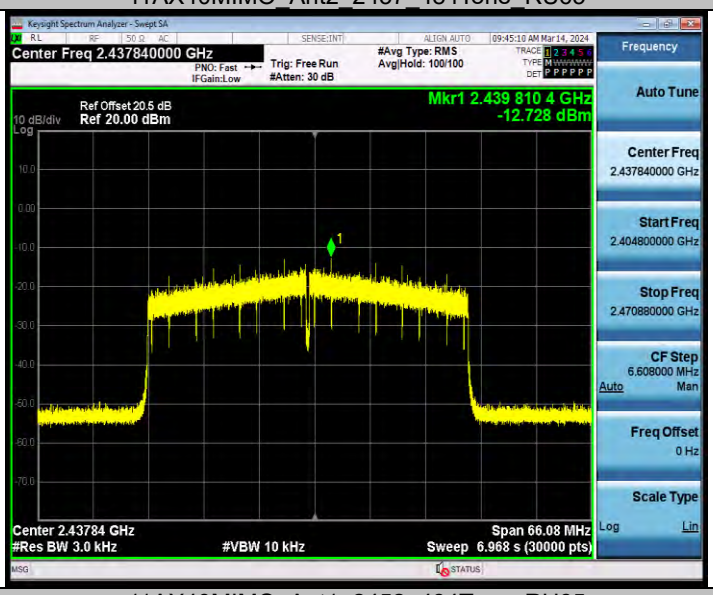

11AX40MIMO_Ant1_2452_484Tone_RU65

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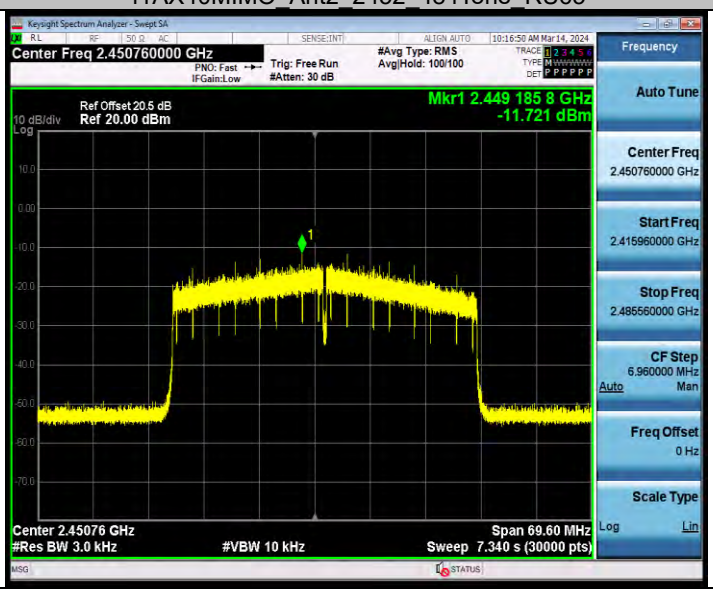


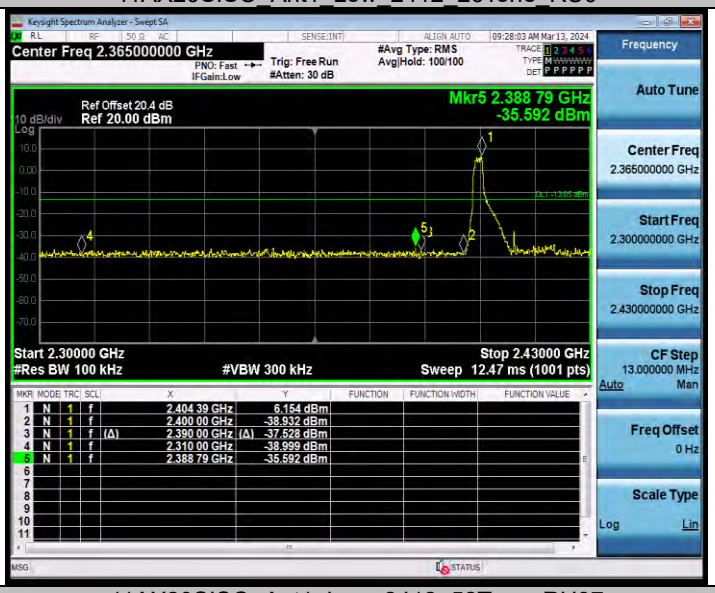
BAND EDGE MEASUREMENTS

TEST RESULT

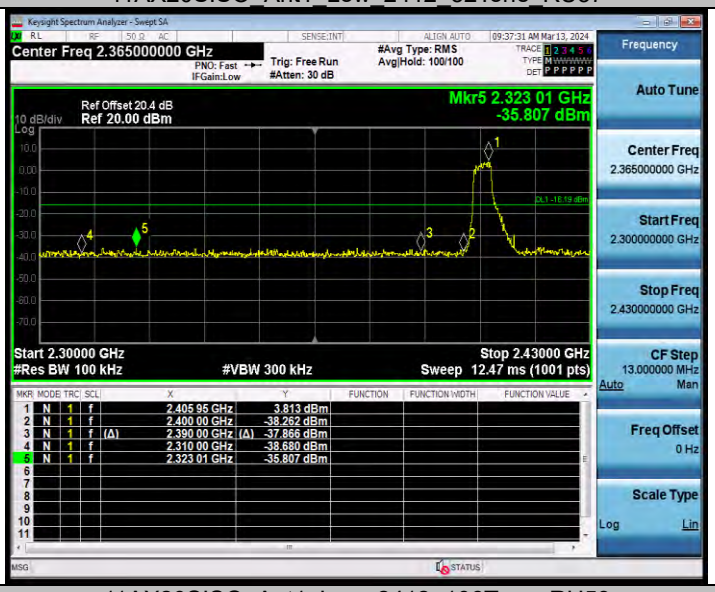
TestMode	Antenna	ChName	Frequency[MHz]	Ru Size	Ru Index	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20SISO	Ant1	Low	2412	26Tone	RU0	6.15	-35.59	≤-13.85	PASS
				52Tone	RU37	3.81	-35.81	≤-16.19	PASS
				106Tone	RU53	1.67	-34.57	≤-18.33	PASS
				242Tone	RU61	-1.37	-35.09	≤-21.37	PASS
	Ant2	Low	2412	26Tone	RU0	5.67	-35.45	≤-14.33	PASS
				52Tone	RU37	2.43	-34.97	≤-17.57	PASS
				106Tone	RU53	0.63	-34.75	≤-19.37	PASS
				242Tone	RU61	-1.42	-35.27	≤-21.42	PASS
	Ant1	High	2462	26Tone	RU8	4.30	-35.32	≤-15.7	PASS
				52Tone	RU40	4.30	-35.02	≤-15.7	PASS
				106Tone	RU54	1.24	-35.34	≤-18.77	PASS
				242Tone	RU61	-1.70	-35.21	≤-21.7	PASS
	Ant2	High	2462	26Tone	RU8	4.30	-34.57	≤-15.7	PASS
				52Tone	RU40	4.33	-34.92	≤-15.67	PASS
				106Tone	RU54	0.17	-34.81	≤-19.83	PASS
				242Tone	RU61	-1.99	-34.57	≤-21.99	PASS
11AX40SISO	Ant1	Low	2422	484Tone	RU65	-5.30	-35.57	≤-25.3	PASS
	Ant2	Low	2422	484Tone	RU65	-3.79	-35.12	≤-23.79	PASS
	Ant1	High	2452	484Tone	RU65	-4.26	-34.58	≤-24.26	PASS
	Ant2	High	2452	484Tone	RU65	0.81	-35.7	≤-19.19	PASS
11AX20MIMO	Ant1	Low	2412	26Tone	RU0	7.64	-35.82	≤-12.36	PASS
				52Tone	RU37	6.09	-32.56	≤-13.92	PASS
				106Tone	RU53	3.55	-35.39	≤-16.45	PASS
				242Tone	RU61	-0.54	-35.23	≤-20.54	PASS
	Ant2	Low	2412	26Tone	RU0	6.81	-34.23	≤-13.19	PASS
				52Tone	RU37	5.53	-35.33	≤-14.47	PASS
				106Tone	RU53	2.69	-35.22	≤-17.31	PASS
				242Tone	RU61	-0.42	-35.99	≤-20.42	PASS
	Ant1	High	2462	26Tone	RU8	6.78	-35.31	≤-13.23	PASS
				52Tone	RU40	5.11	-34.66	≤-14.89	PASS
				106Tone	RU54	3.04	-35.47	≤-16.96	PASS
				242Tone	RU61	0.44	-35.32	≤-19.56	PASS
	Ant2	High	2462	26Tone	RU8	7.25	-34.87	≤-12.75	PASS
				52Tone	RU40	5.94	-34.19	≤-14.06	PASS
				106Tone	RU54	3.89	-34.07	≤-16.11	PASS
				242Tone	RU61	0.23	-34.69	≤-19.77	PASS
11AX40MIMO	Ant1	Low	2422	484Tone	RU65	-3.58	-34.13	≤-23.58	PASS
	Ant2	Low	2422	484Tone	RU65	-3.72	-34.65	≤-23.72	PASS
	Ant1	High	2452	484Tone	RU65	-3.78	-35.16	≤-23.78	PASS
	Ant2	High	2452	484Tone	RU65	-2.49	-34.87	≤-22.49	PASS

TEST GRAPHS

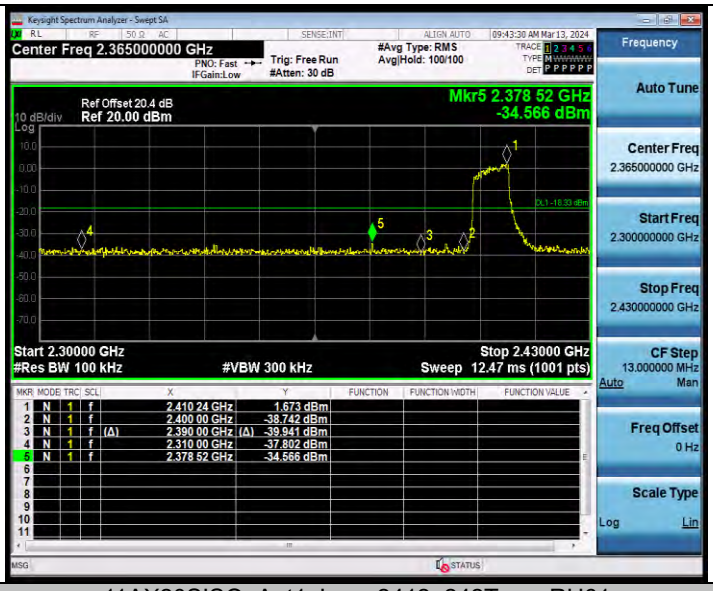
11AX20SISO_Ant1_Low_2412_26Tone_RU0



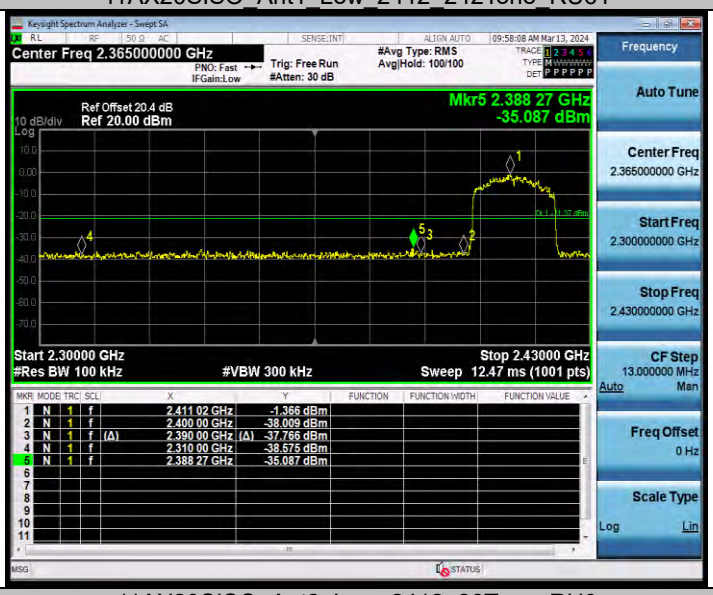
11AX20SISO_Ant1_Low_2412_52Tone_RU37



11AX20SISO_Ant1_Low_2412_106Tone_RU53



11AX20SISO_Ant1_Low_2412_242Tone_RU61



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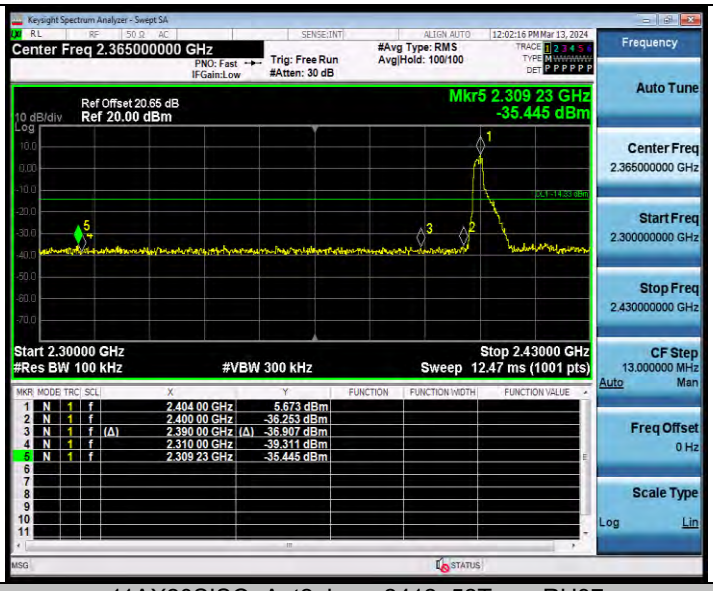

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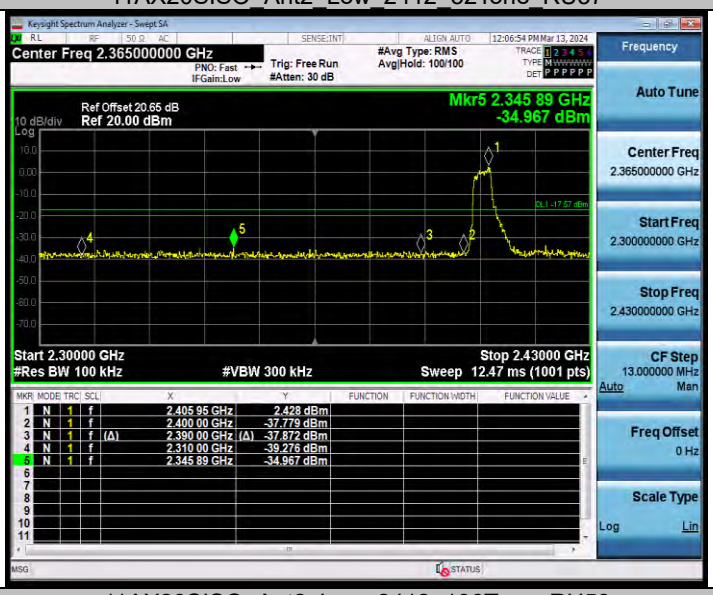

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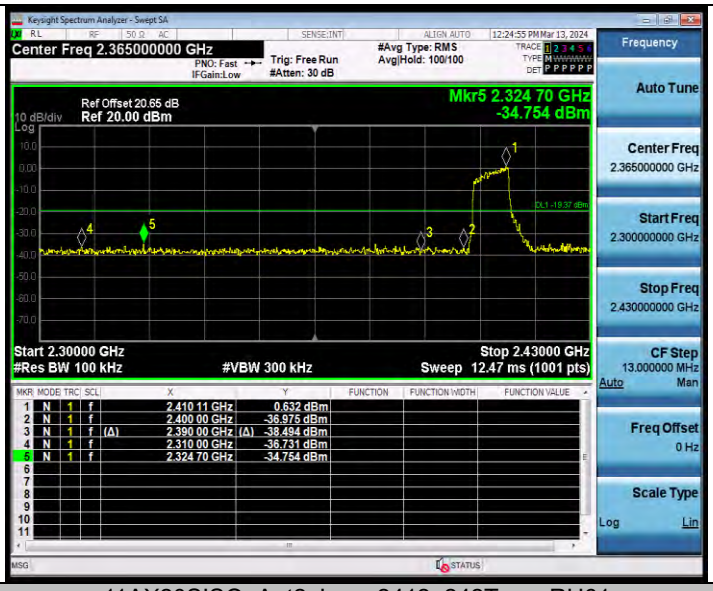
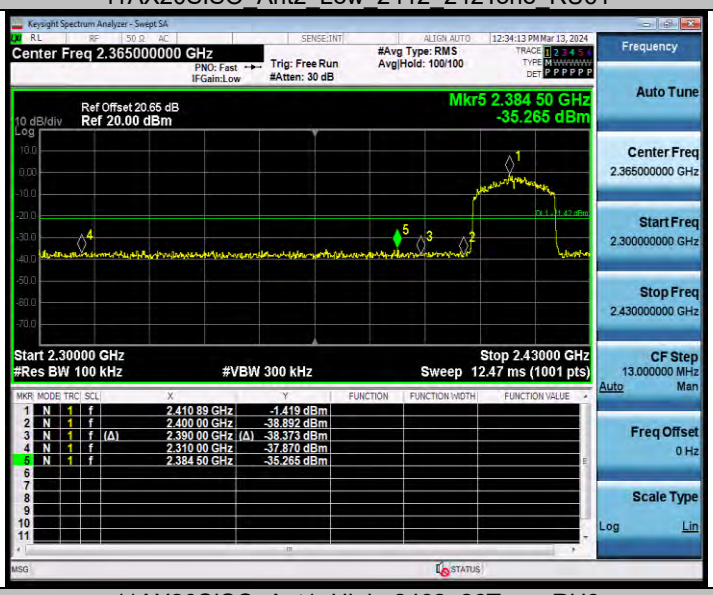
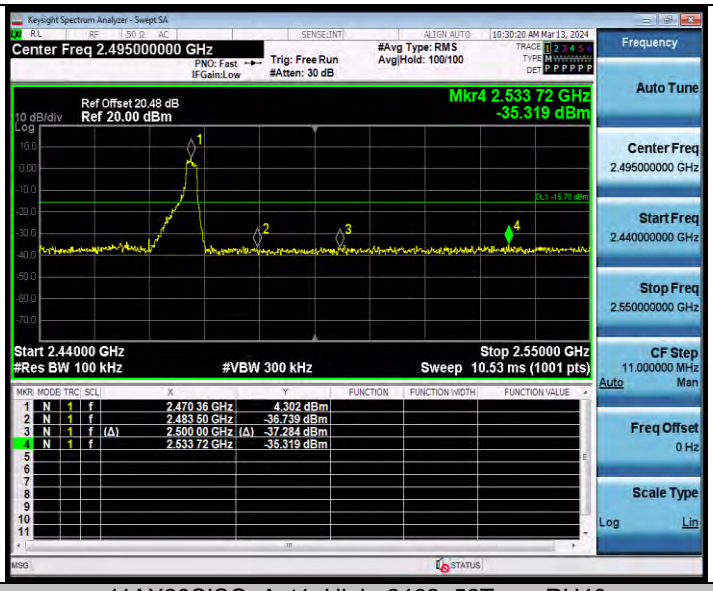


11AX20SISO_Ant2_Low_2412_242Tone_RU61



11AX20SISO_Ant1_High_2462_26Tone_RU8



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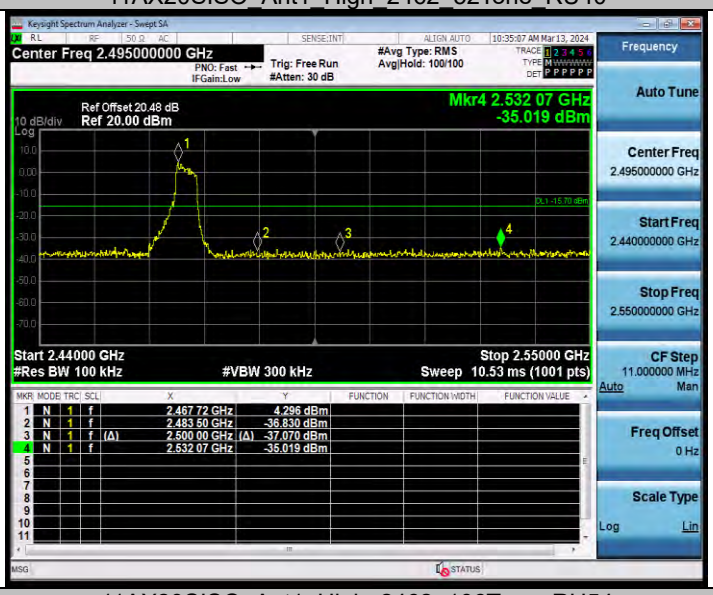
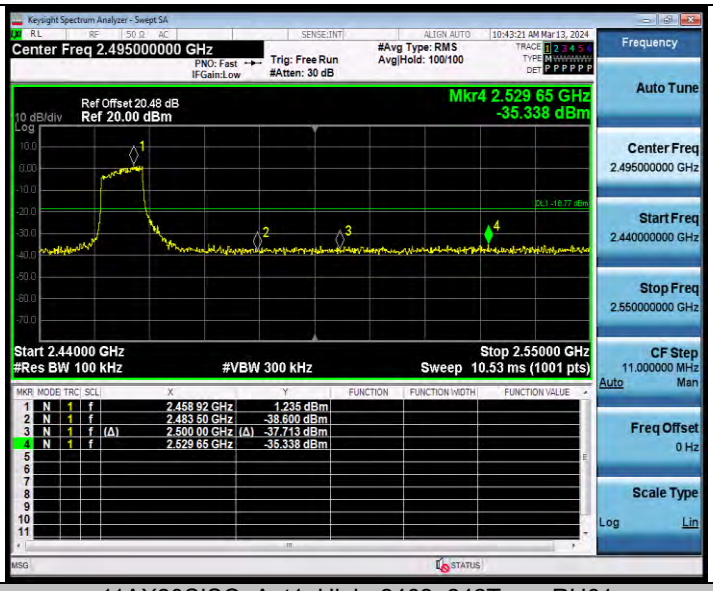
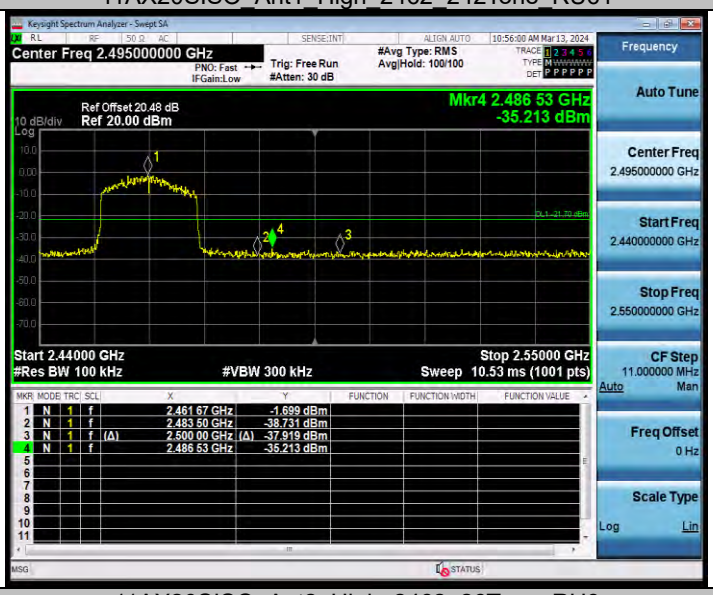


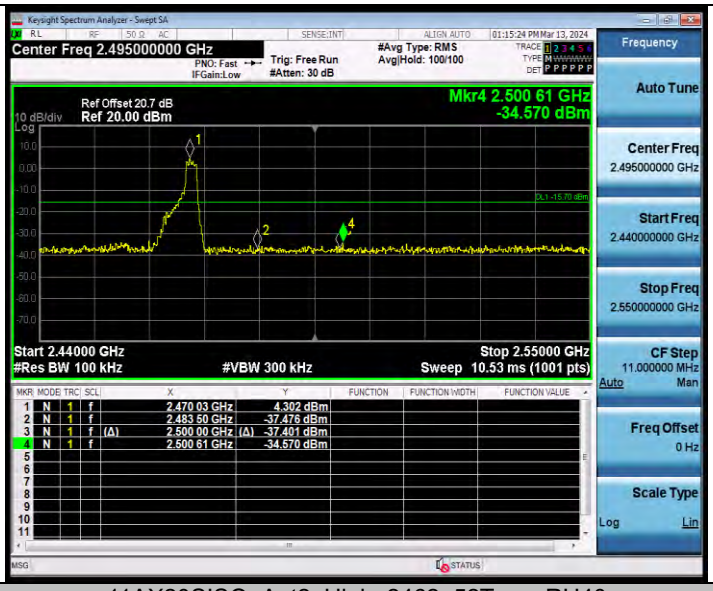
11AX20SISO_Ant1_High_2462_106Tone_RU54



11AX20SISO_Ant1_High_2462_242Tone_RU61



11AX20SISO_Ant2_High_2462_26Tone_RU8



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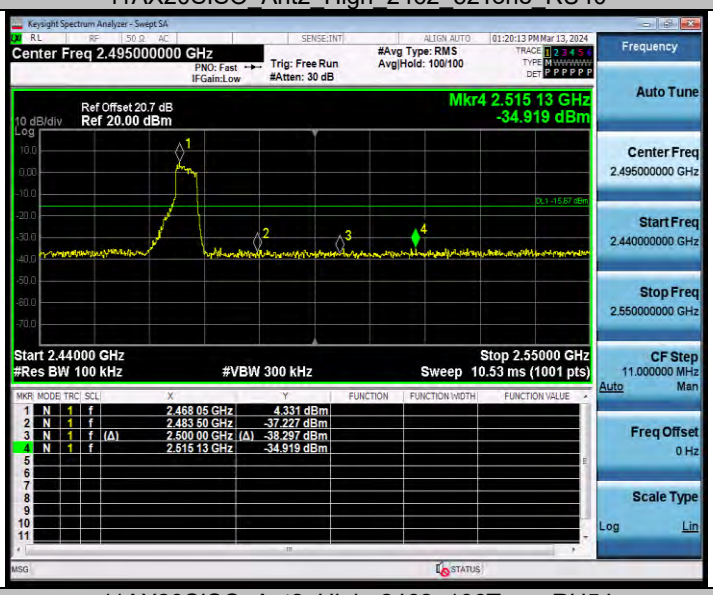

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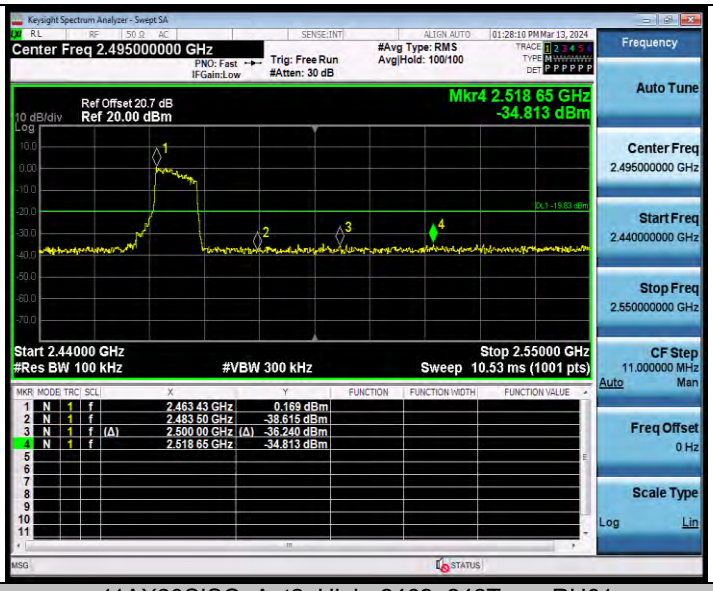
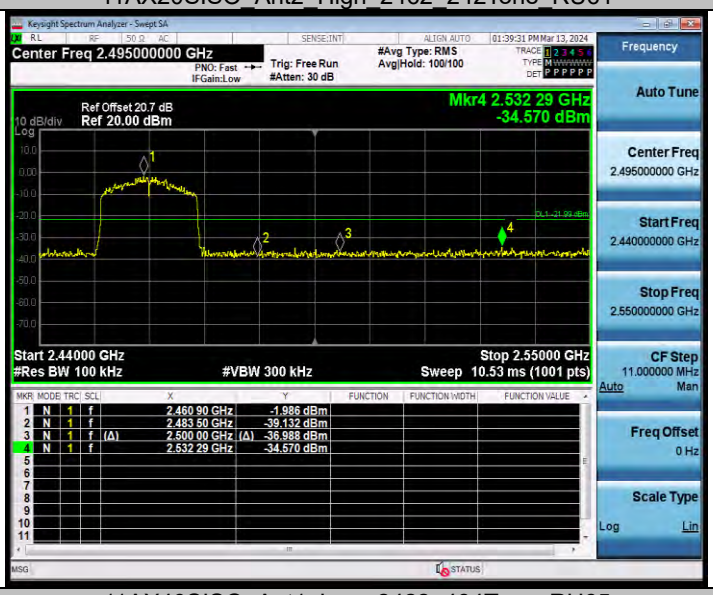


11AX20SISO_Ant2_High_2462_242Tone_RU61



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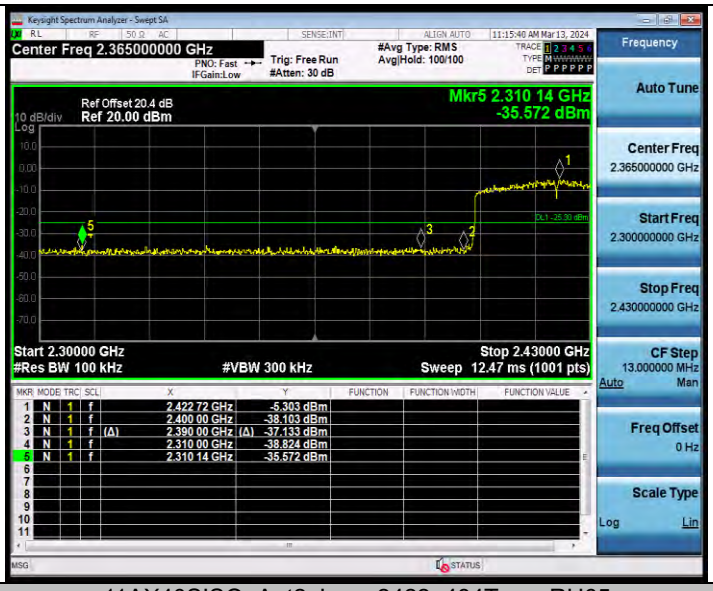

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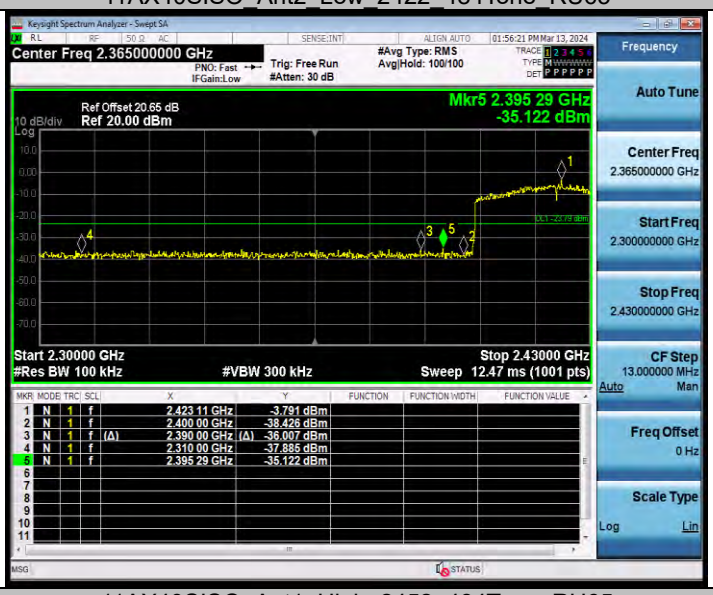
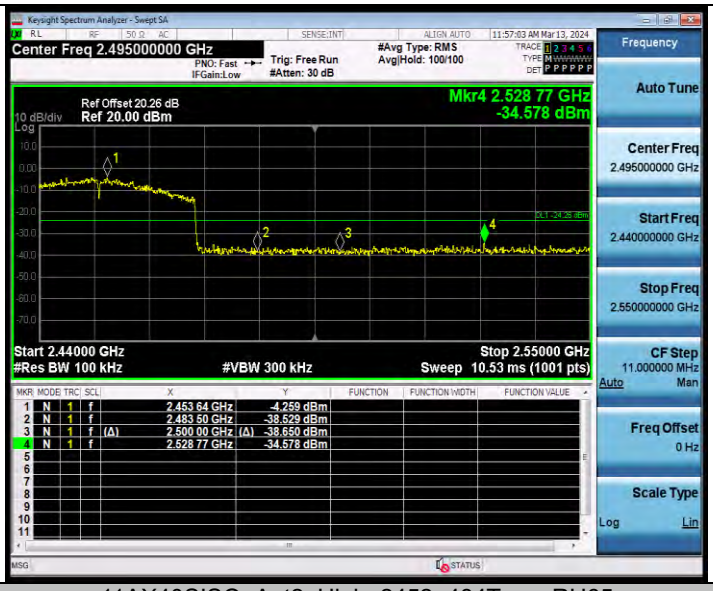


11AX40SISO_Ant1_High_2452_484Tone_RU65



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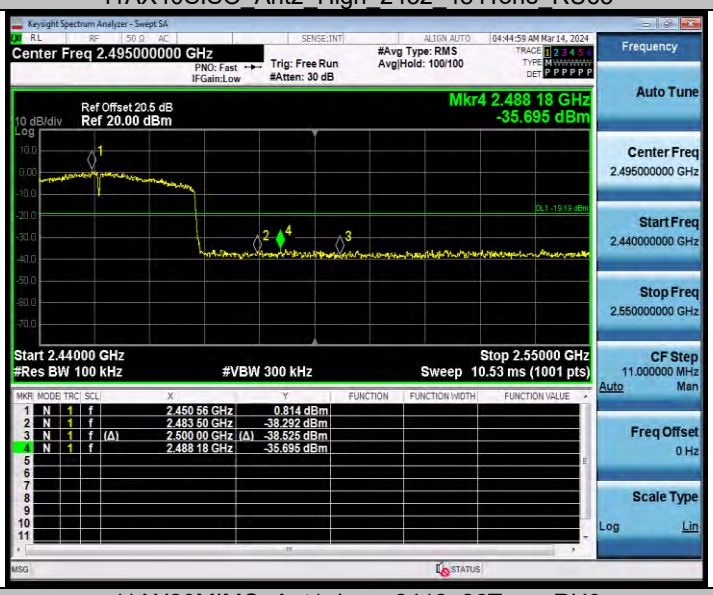

11AX20MIMO_Ant1_Low_2412_26Tone_RU0