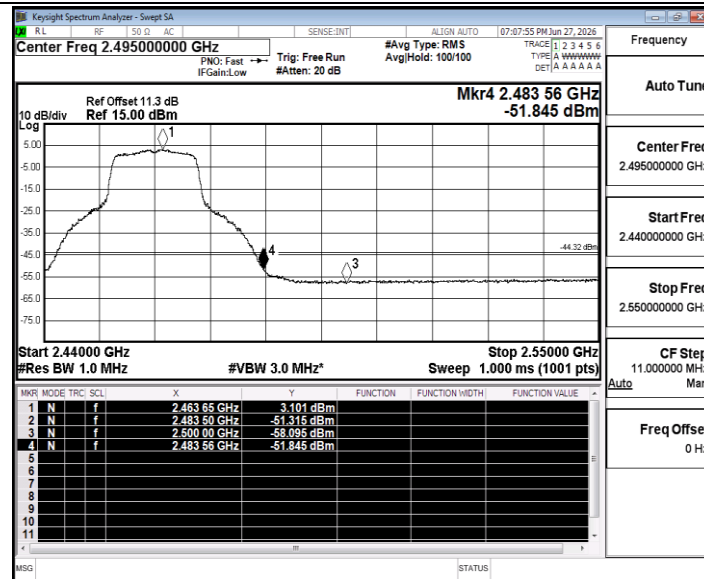
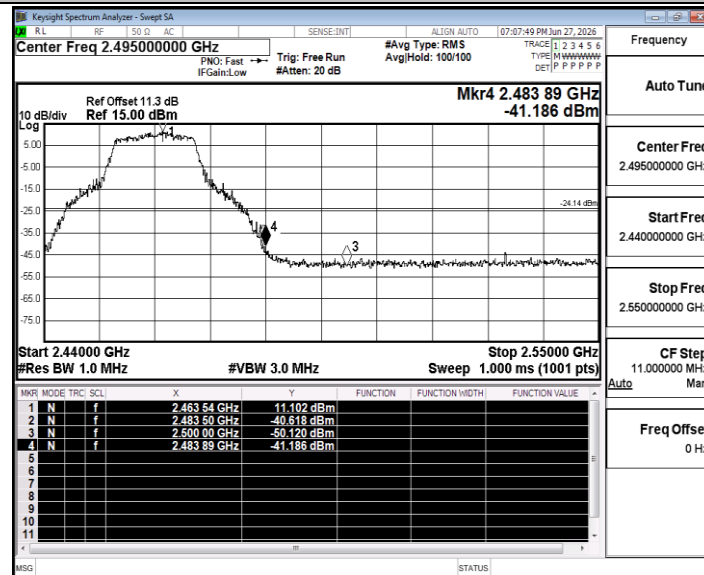
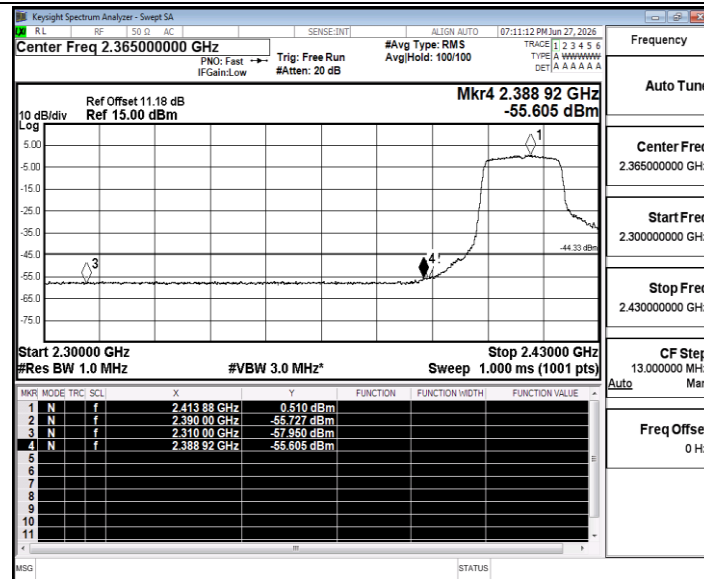




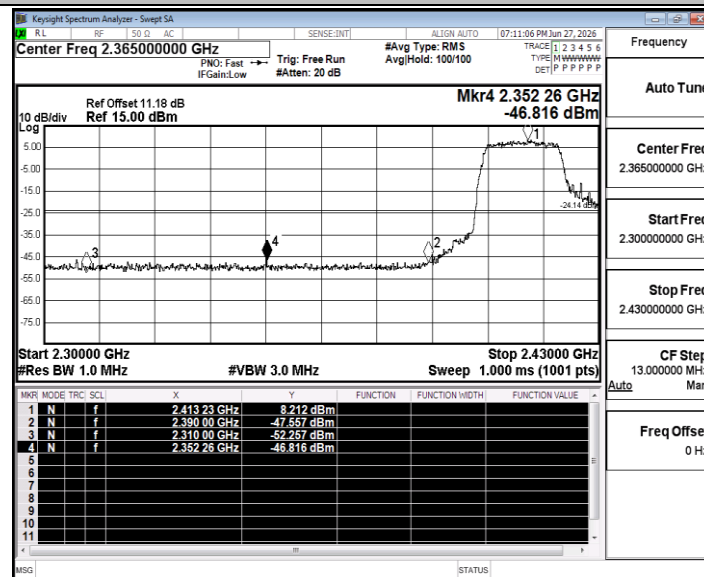
11G_Ant1_High_2462_Peak



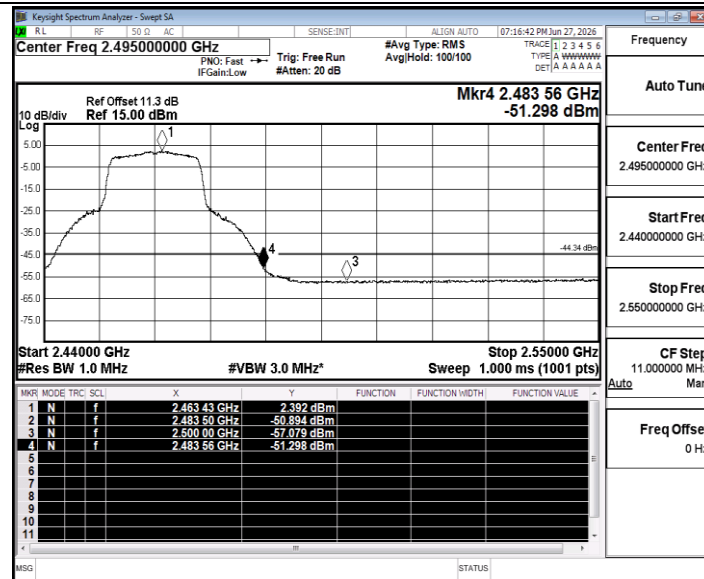
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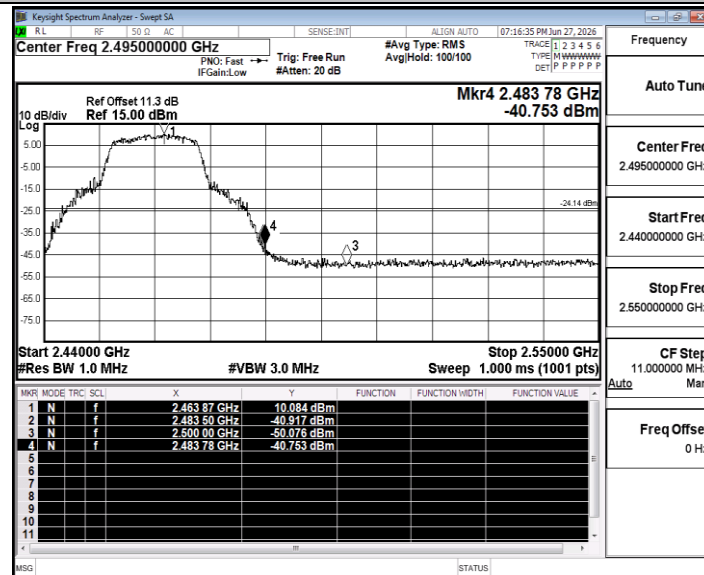
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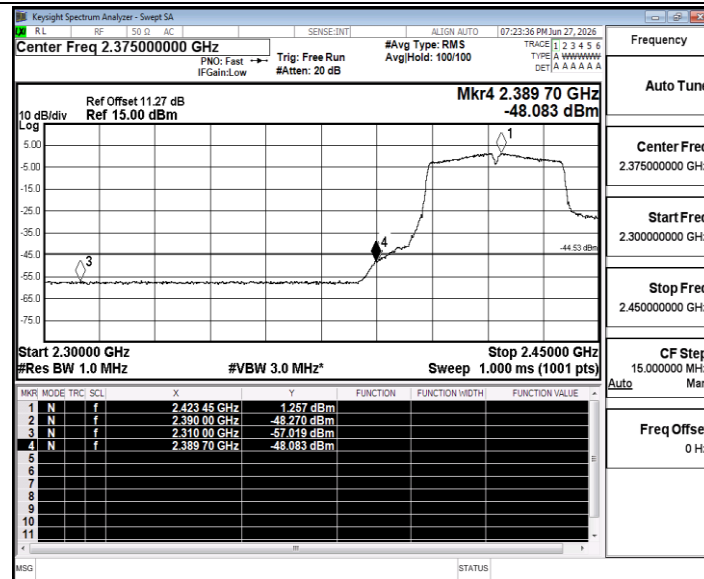
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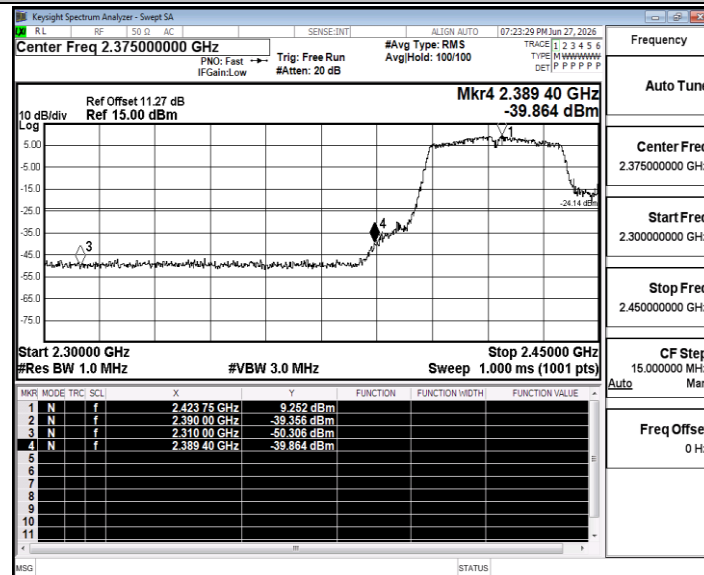
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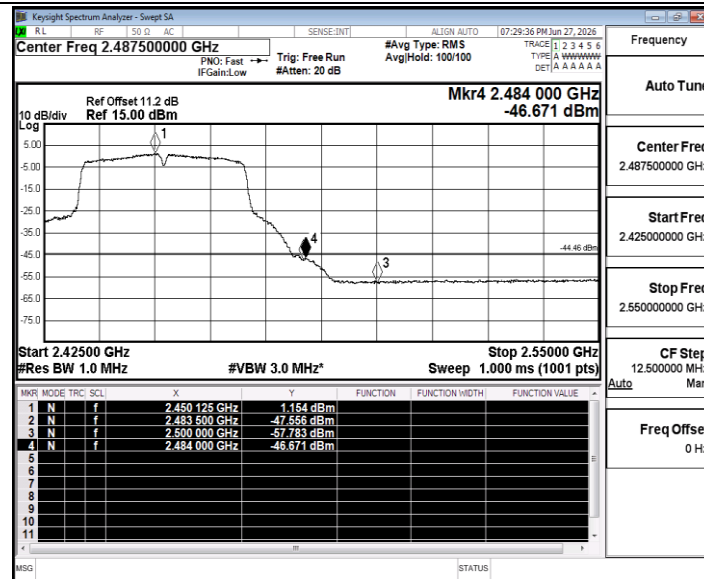
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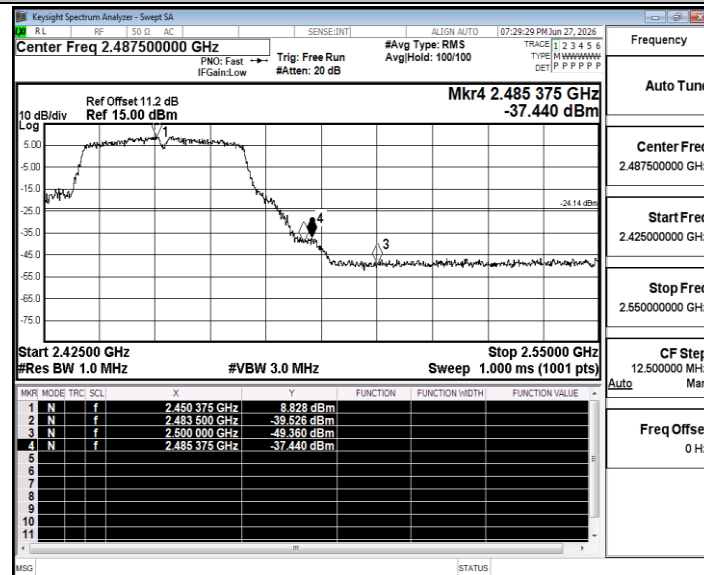
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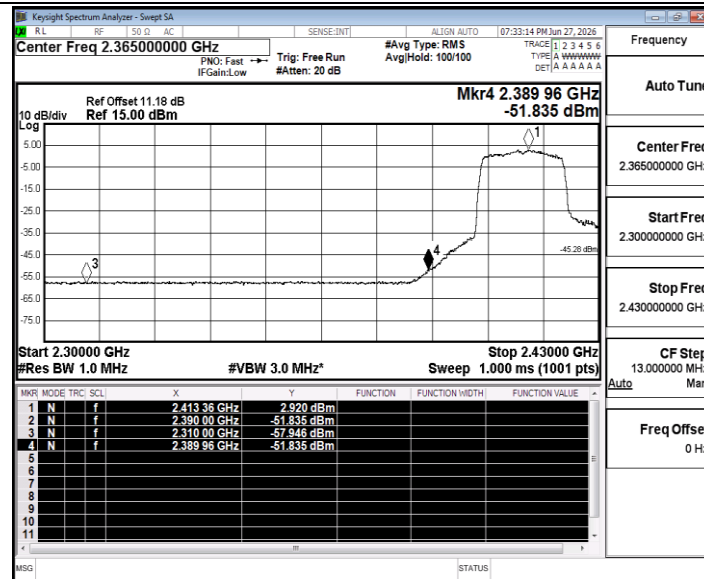
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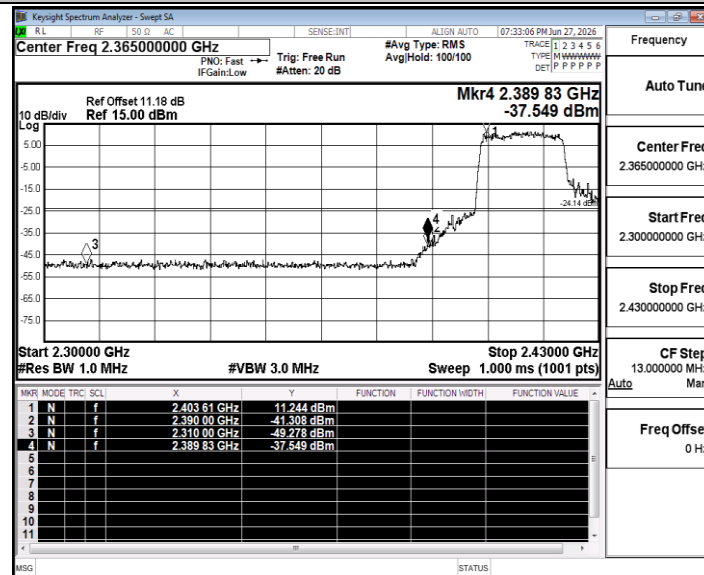
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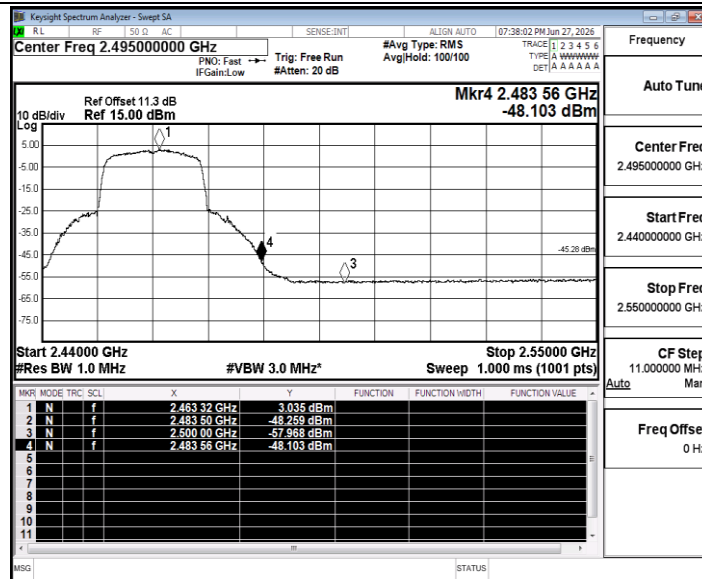
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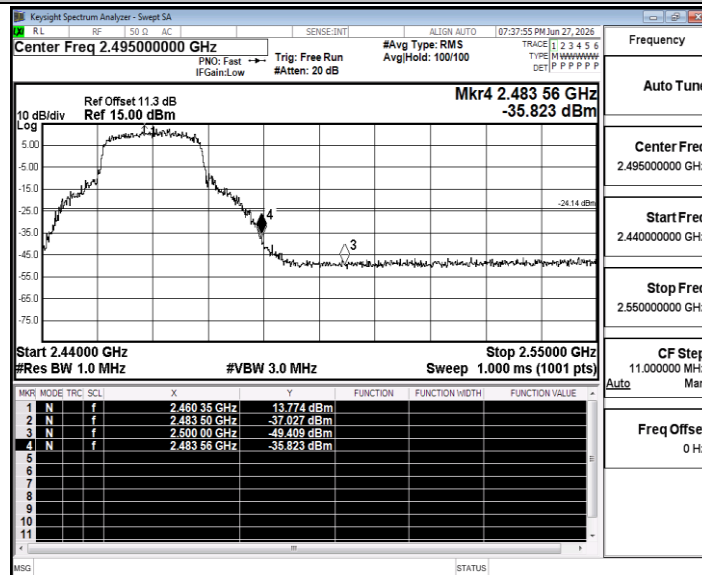
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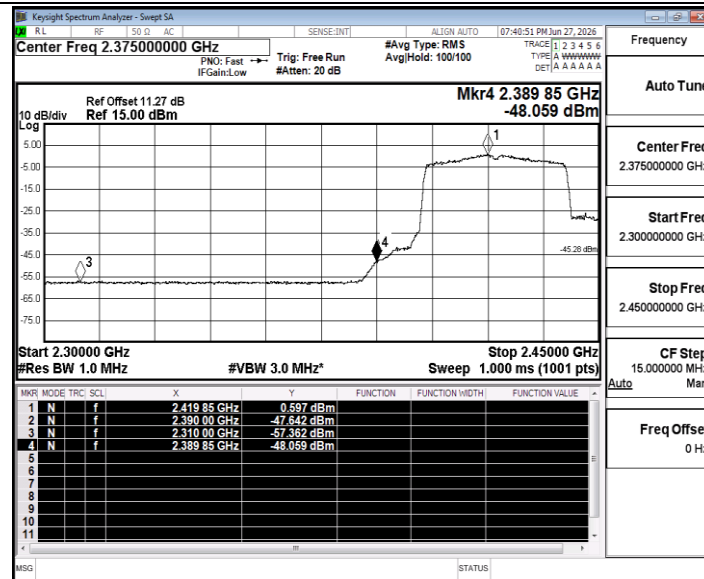
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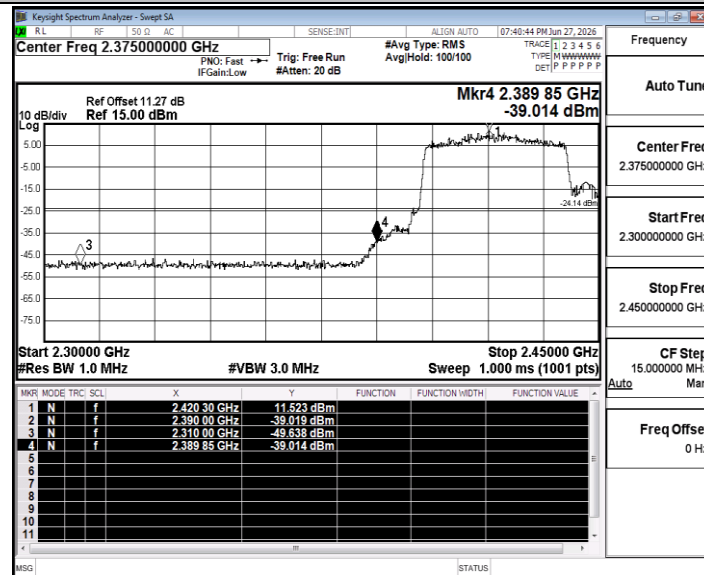
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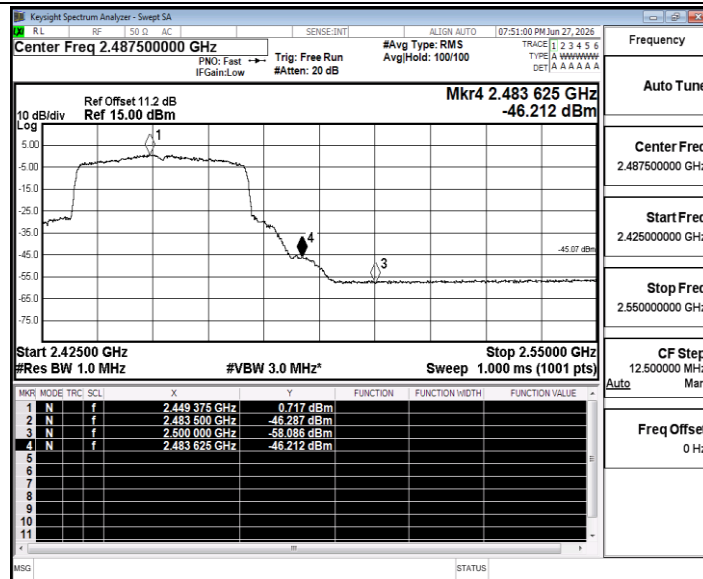
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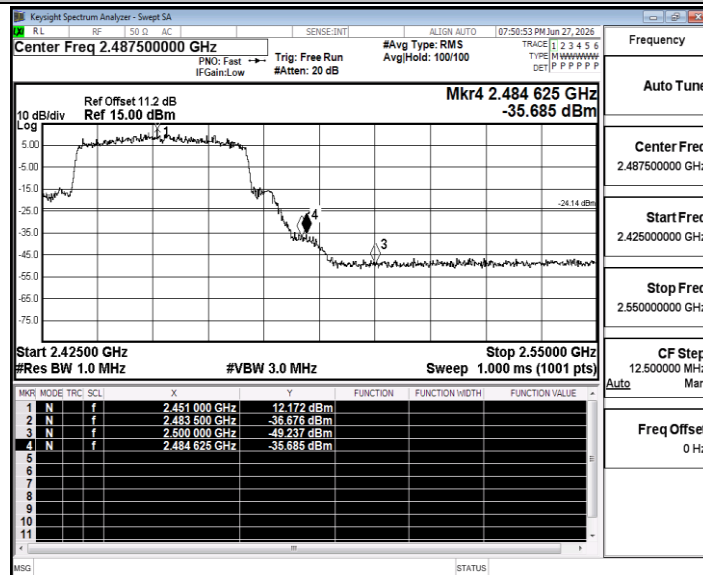
11AX40SISO_Ant1_Low_2422_Peak



11AX40SISO_Ant1_High_2452_AV



11AX40SISO_Ant1_High_2452_Peak



Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant2	Low	2412	AV	2310.000	-57.06	≤-50.67	2.73	0.03	40.90	≤54	PASS
				AV	2332.240	-55.55	≤-50.67	2.73	0.03	42.41	≤54	PASS
				AV	2390.000	-57.55	≤-50.67	2.73	0.03	40.41	≤54	PASS
				Peak	2310.000	-53.28	≤-30.64	2.73	0	44.65	≤74	PASS
				Peak	2388.790	-47.04	≤-30.64	2.73	0	50.89	≤74	PASS
				Peak	2390.000	-51.01	≤-30.64	2.73	0	46.92	≤74	PASS
		High	2462	AV	2483.500	-54.36	≤-50.66	2.73	0.02	43.59	≤54	PASS
				AV	2486.640	-52.24	≤-50.66	2.73	0.02	45.71	≤54	PASS
				AV	2500.000	-56.82	≤-50.66	2.73	0.02	41.13	≤54	PASS
				Peak	2483.500	-49.36	≤-30.64	2.73	0	48.57	≤74	PASS
				Peak	2488.840	-47.5	≤-30.64	2.73	0	50.43	≤74	PASS
				Peak	2500.000	-53.15	≤-30.64	2.73	0	44.78	≤74	PASS
11G	Ant2	Low	2412	AV	2310.000	-57.19	≤-50.79	2.73	0.15	40.89	≤54	PASS
				AV	2389.830	-55.51	≤-50.79	2.73	0.15	42.57	≤54	PASS
				AV	2390.000	-56.03	≤-50.79	2.73	0.15	42.05	≤54	PASS
				Peak	2310.000	-50.93	≤-30.64	2.73	0	47.00	≤74	PASS
				Peak	2388.010	-46.34	≤-30.64	2.73	0	51.59	≤74	PASS
				Peak	2390.000	-48.12	≤-30.64	2.73	0	49.81	≤74	PASS
		High	2462	AV	2483.500	-50.9	≤-50.79	2.73	0.15	47.18	≤54	PASS
				AV	2483.560	-50.83	≤-50.79	2.73	0.15	47.25	≤54	PASS
				AV	2500.000	-57.37	≤-50.79	2.73	0.15	40.71	≤54	PASS
				Peak	2483.500	-40.31	≤-30.64	2.73	0	57.62	≤74	PASS
				Peak	2483.560	-40.19	≤-30.64	2.73	0	57.74	≤74	PASS
				Peak	2500.000	-49.46	≤-30.64	2.73	0	48.47	≤74	PASS
11N20SISO	Ant2	Low	2412	AV	2310.000	-57.77	≤-50.83	2.73	0.19	40.35	≤54	PASS
				AV	2389.960	-54.63	≤-50.83	2.73	0.19	43.49	≤54	PASS
				AV	2390.000	-54.63	≤-50.83	2.73	0.19	43.49	≤54	PASS
				Peak	2310.000	-49.96	≤-30.64	2.73	0	47.97	≤74	PASS
				Peak	2389.960	-46.56	≤-30.64	2.73	0	51.37	≤74	PASS
				Peak	2390.000	-46.56	≤-30.64	2.73	0	51.37	≤74	PASS
		High	2462	AV	2483.500	-51.12	≤-50.83	2.73	0.19	47.00	≤54	PASS
				AV	2483.560	-51.39	≤-50.83	2.73	0.19	46.73	≤54	PASS
				AV	2500.000	-57.25	≤-50.83	2.73	0.19	40.87	≤54	PASS
				Peak	2483.500	-40.93	≤-30.64	2.73	0	57.00	≤74	PASS
				Peak	2483.890	-42.67	≤-30.64	2.73	0	55.26	≤74	PASS
				Peak	2500.000	-49.23	≤-30.64	2.73	0	48.70	≤74	PASS
11N40SISO	Ant2	Low	2422	AV	2310.000	-58.06	≤-51.03	2.73	0.39	40.26	≤54	PASS

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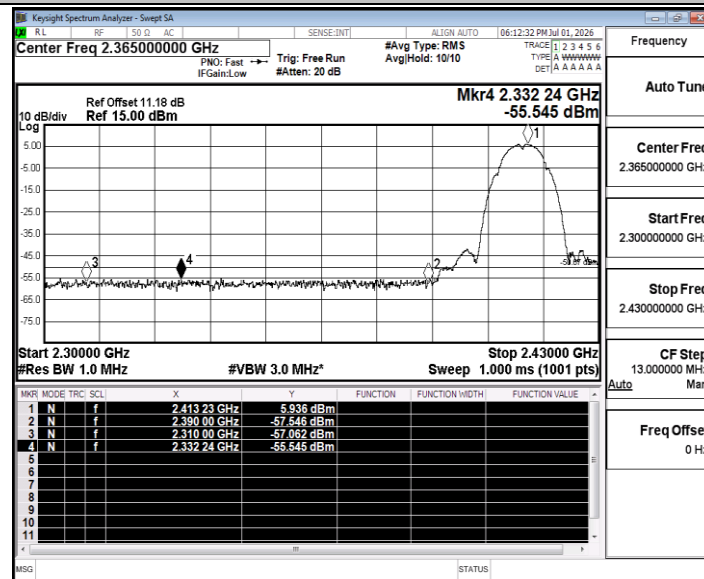
				AV	2389.850	-53.21	≤-51.03	2.73	0.39	45.11	≤54	PASS
				AV	2390.000	-52.74	≤-51.03	2.73	0.39	45.58	≤54	PASS
				Peak	2310.000	-50.42	≤-30.64	2.73	0	47.51	≤74	PASS
				Peak	2389.700	-42.03	≤-30.64	2.73	0	55.90	≤74	PASS
				Peak	2390.000	-44.91	≤-30.64	2.73	0	53.02	≤74	PASS
		High	2452	AV	2483.500	-53.6	≤-51.02	2.73	0.38	44.71	≤54	PASS
				AV	2484.500	-52.34	≤-51.02	2.73	0.38	45.97	≤54	PASS
				AV	2500.000	-57.39	≤-51.02	2.73	0.38	40.92	≤54	PASS
				Peak	2483.500	-45.28	≤-30.64	2.73	0	52.65	≤74	PASS
				Peak	2484.500	-42.93	≤-30.64	2.73	0	55.00	≤74	PASS
				Peak	2500.000	-49.41	≤-30.64	2.73	0	48.52	≤74	PASS
11AX20SISO	Ant2	Low	2412	AV	2310.000	-57.13	≤-51.78	2.73	1.14	41.94	≤54	PASS
				AV	2389.960	-53.86	≤-51.78	2.73	1.14	45.21	≤54	PASS
				AV	2390.000	-53.86	≤-51.78	2.73	1.14	45.21	≤54	PASS
				Peak	2310.000	-49.27	≤-30.64	2.73	0	48.66	≤74	PASS
				Peak	2388.660	-42.69	≤-30.64	2.73	0	55.24	≤74	PASS
				Peak	2390.000	-44.45	≤-30.64	2.73	0	53.48	≤74	PASS
		High	2462	AV	2483.500	-52.5	≤-51.78	2.73	1.14	46.57	≤54	PASS
				AV	2483.560	-53.31	≤-51.78	2.73	1.14	45.76	≤54	PASS
				AV	2500.000	-57.45	≤-51.78	2.73	1.14	41.62	≤54	PASS
				Peak	2483.500	-43.79	≤-30.64	2.73	0	54.14	≤74	PASS
				Peak	2483.560	-42.96	≤-30.64	2.73	0	54.97	≤74	PASS
				Peak	2500.000	-49.79	≤-30.64	2.73	0	48.14	≤74	PASS
11AX40SISO	Ant2	Low	2422	AV	2310.000	-57.33	≤-51.57	2.73	0.93	41.53	≤54	PASS
				AV	2389.850	-54.16	≤-51.57	2.73	0.93	44.70	≤54	PASS
				AV	2390.000	-54.09	≤-51.57	2.73	0.93	44.77	≤54	PASS
				Peak	2310.000	-49.65	≤-30.64	2.73	0	48.28	≤74	PASS
				Peak	2388.500	-45.39	≤-30.64	2.73	0	52.54	≤74	PASS
				Peak	2390.000	-44.85	≤-30.64	2.73	0	53.08	≤74	PASS
		High	2452	AV	2483.500	-54.26	≤-51.78	2.73	1.14	44.81	≤54	PASS
				AV	2484.750	-53.27	≤-51.78	2.73	1.14	45.80	≤54	PASS
				AV	2500.000	-57.29	≤-51.78	2.73	1.14	41.78	≤54	PASS
				Peak	2483.500	-45.28	≤-30.64	2.73	0	52.65	≤74	PASS
				Peak	2485.625	-43.23	≤-30.64	2.73	0	54.70	≤74	PASS
				Peak	2500.000	-50.21	≤-30.64	2.73	0	47.72	≤74	PASS

Note:

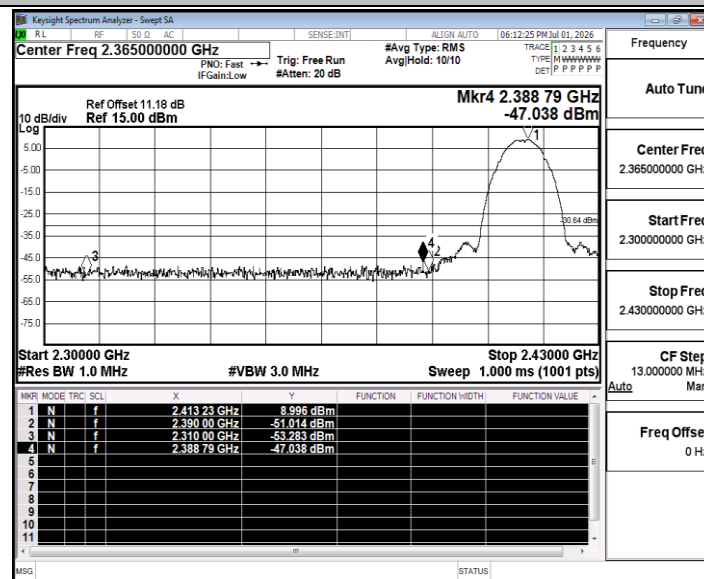
- The Antenna Gain is compensated in the graph.
- The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

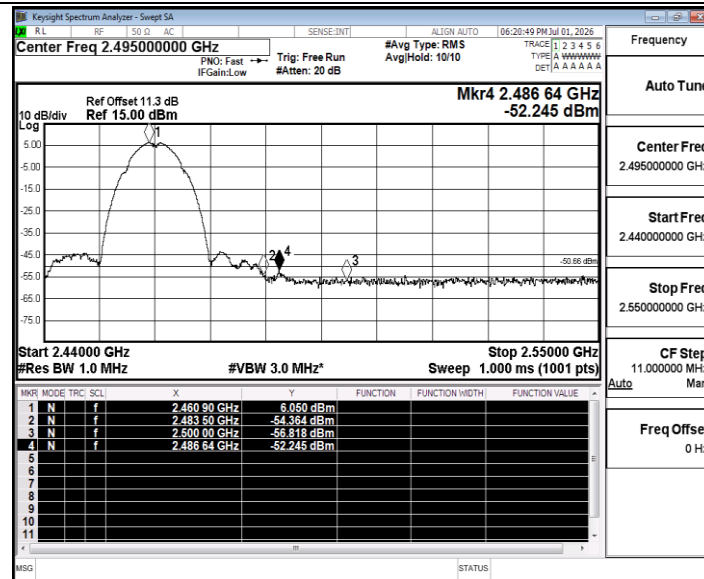
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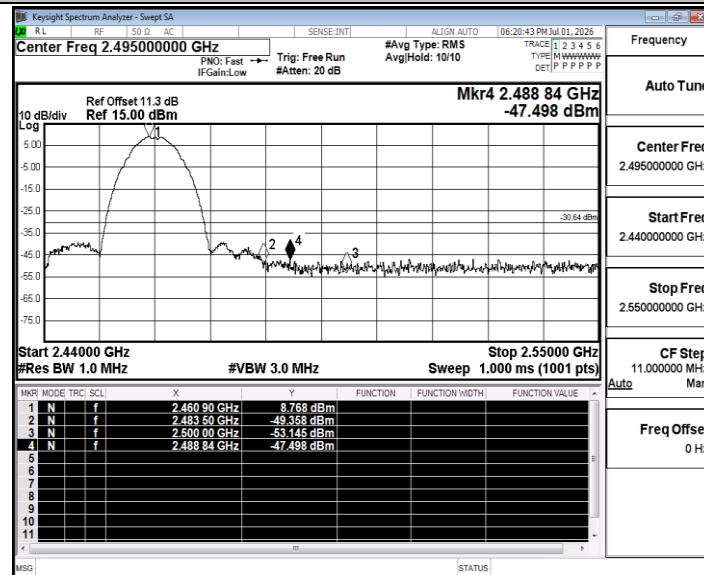
11B_Ant2_Low_2412_Peak



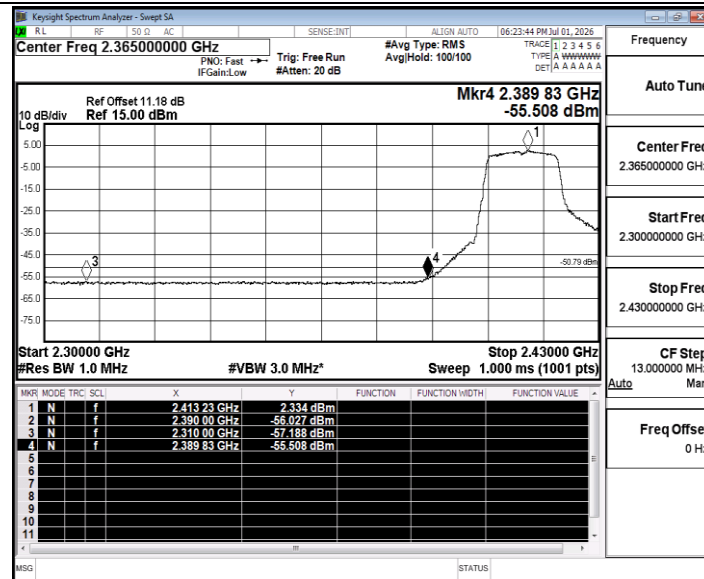
11B_Ant2_High_2462_AV



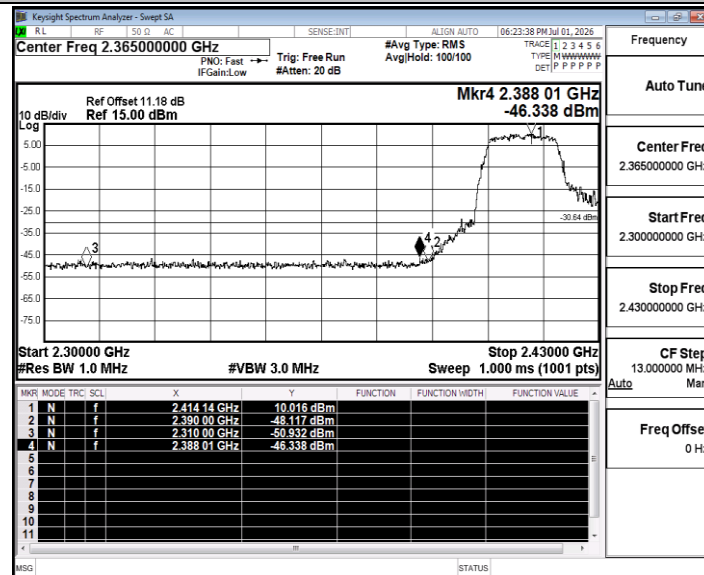
11B_Ant2_High_2462_Peak



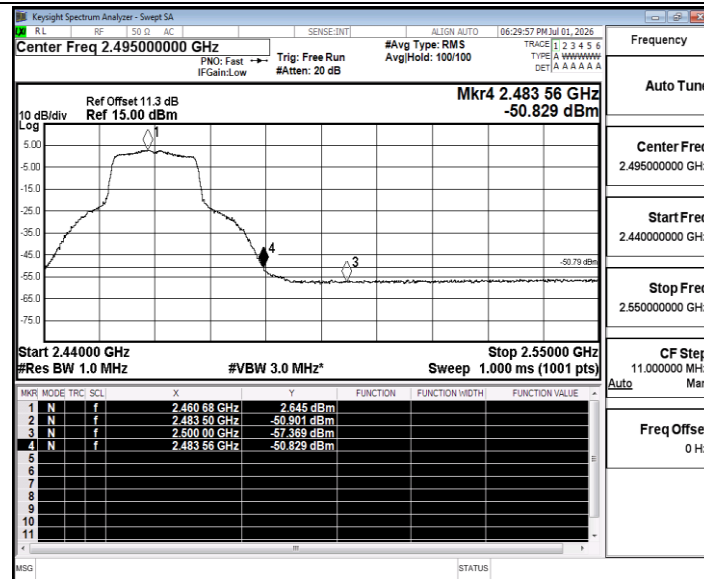
11G_Ant2_Low_2412_AV



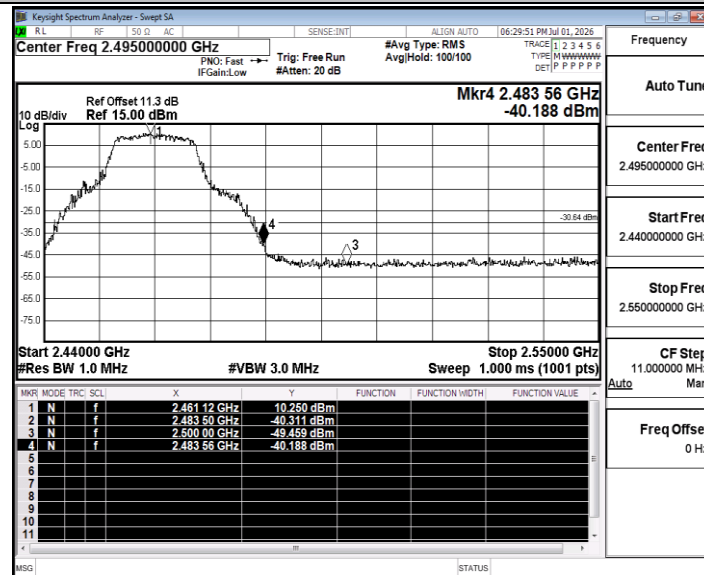
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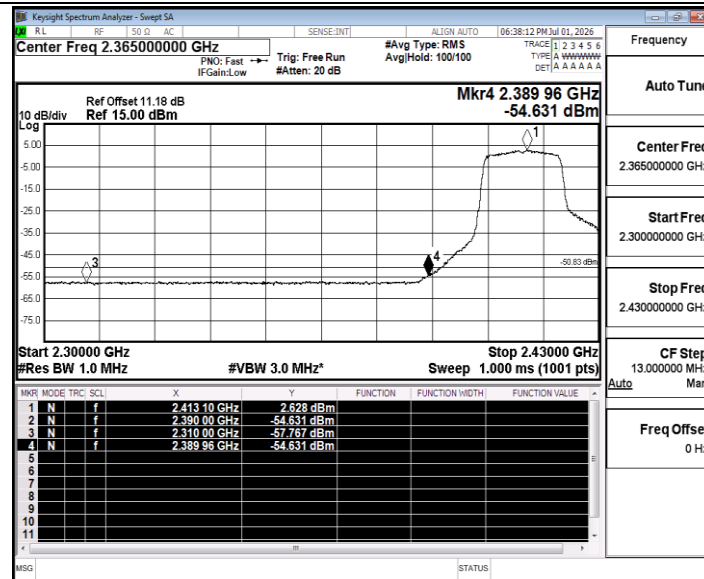
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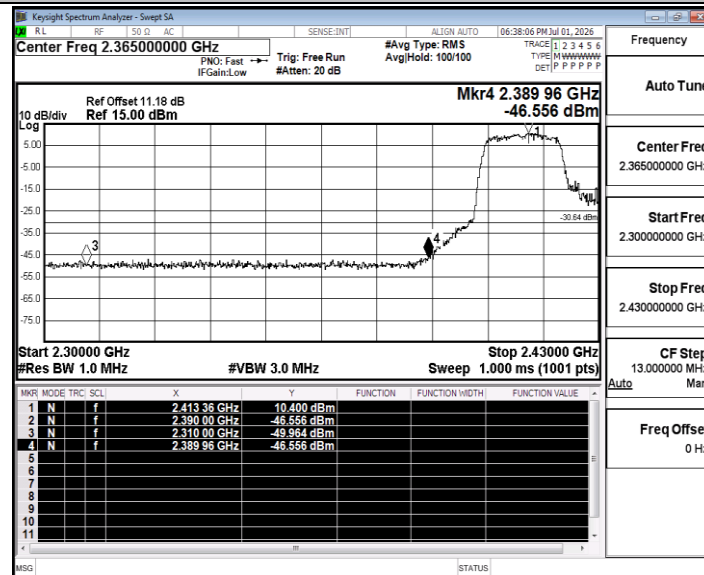
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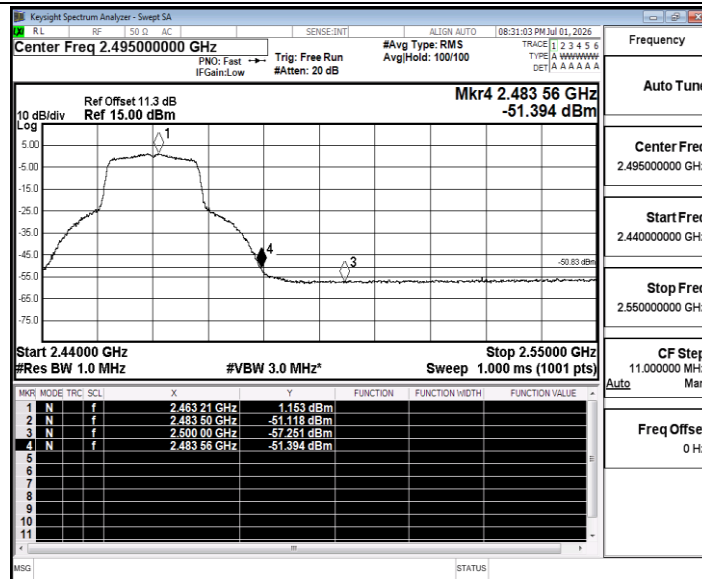
11N20SISO_Ant2_Low_2412_AV



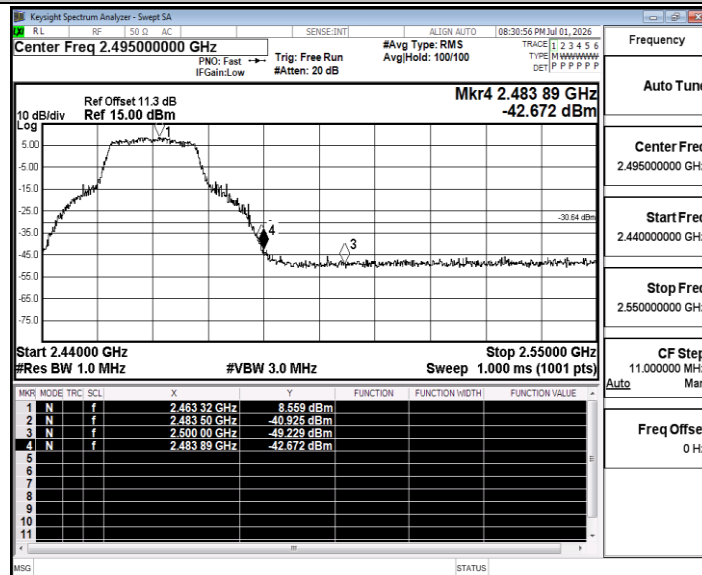
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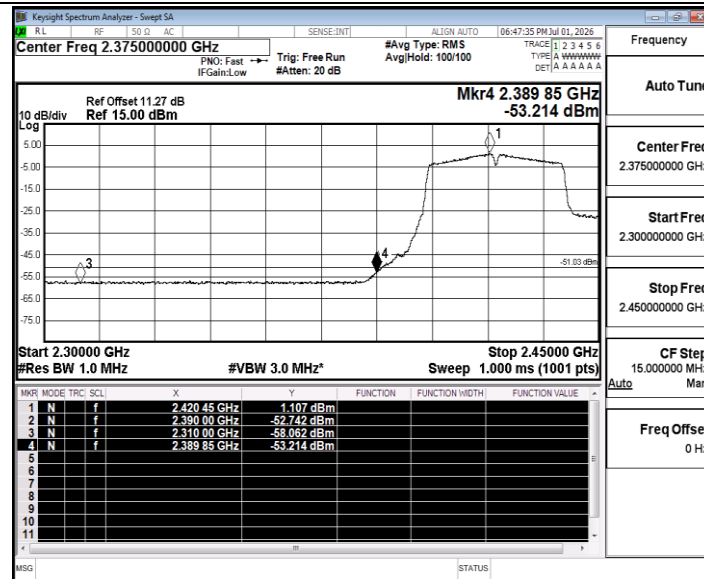
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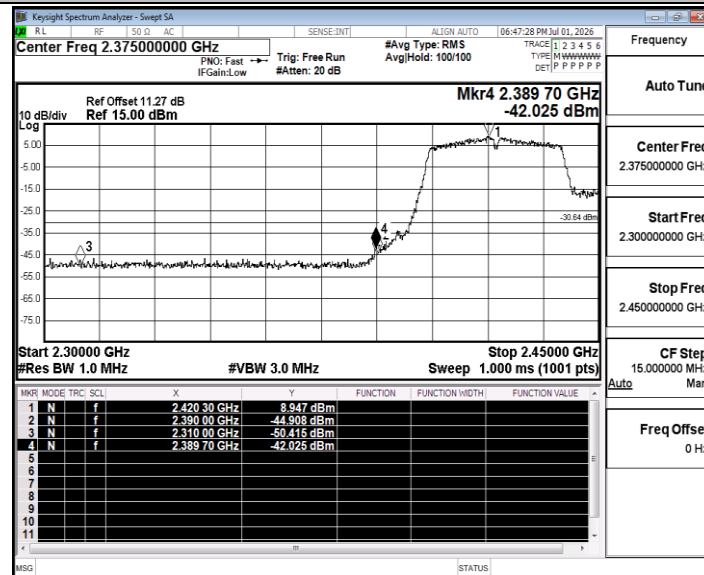
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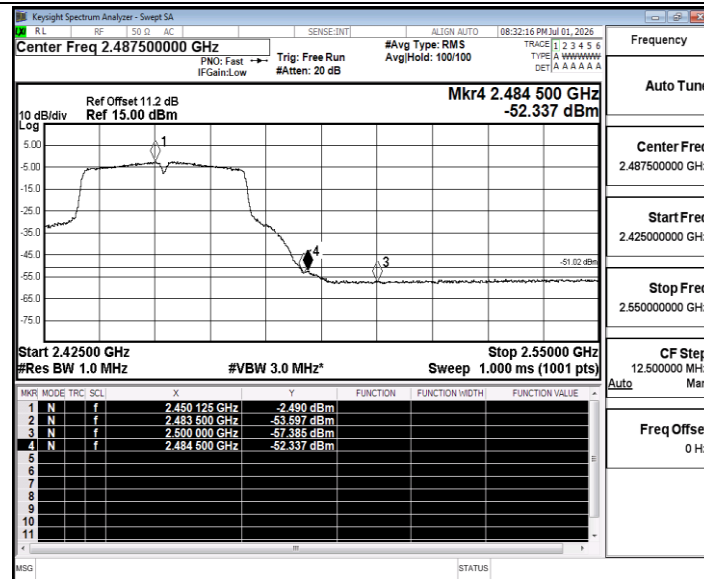
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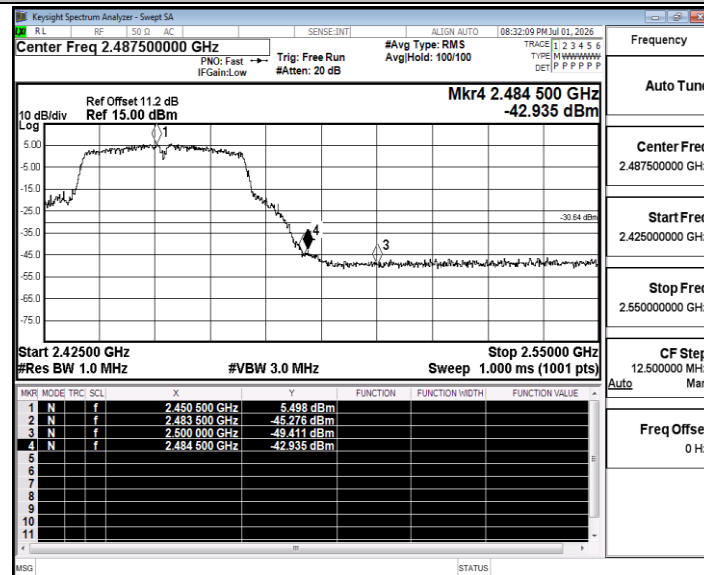
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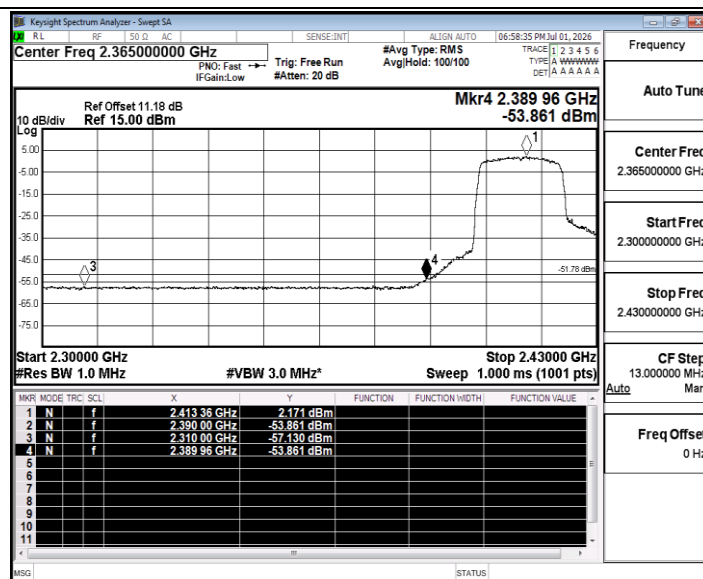
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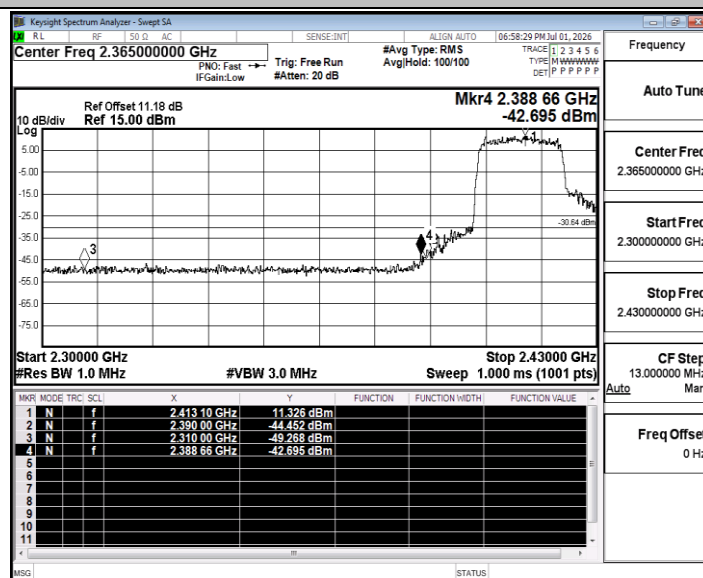
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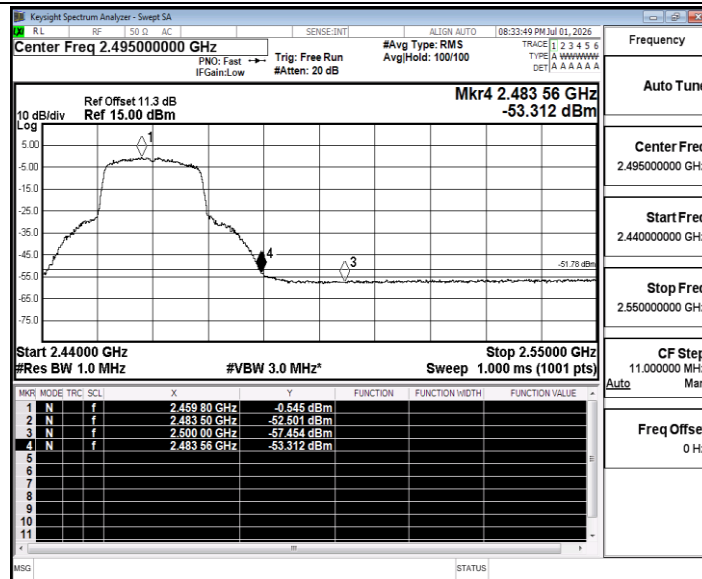
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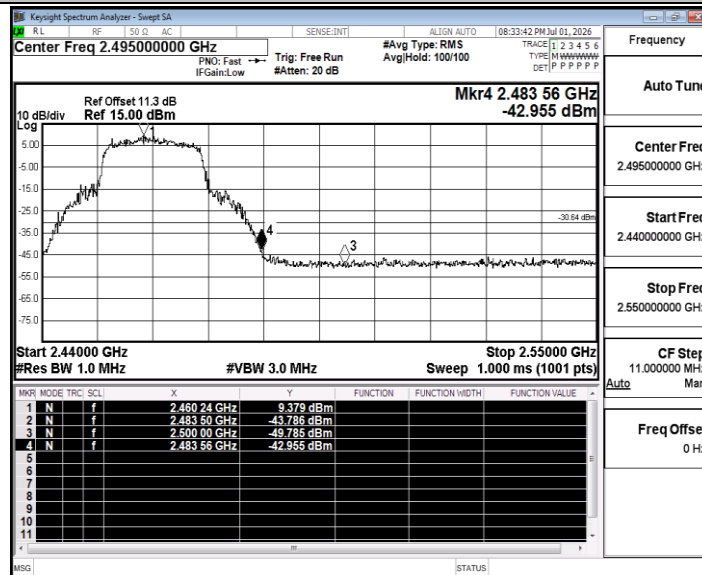
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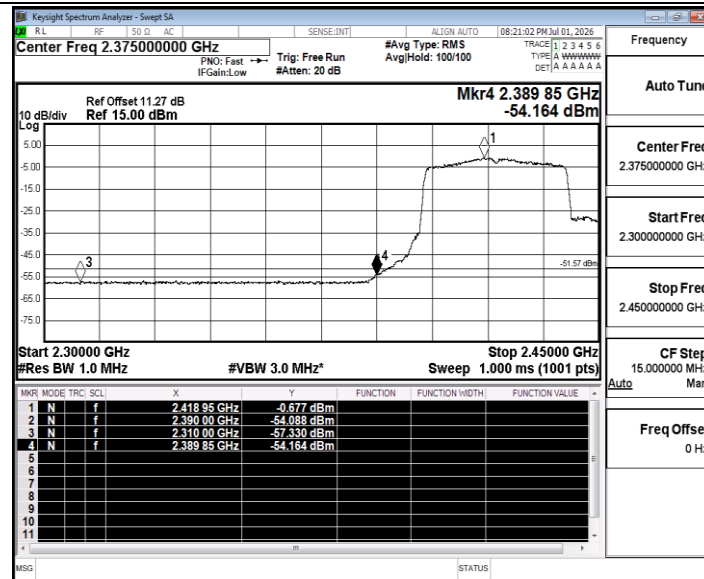
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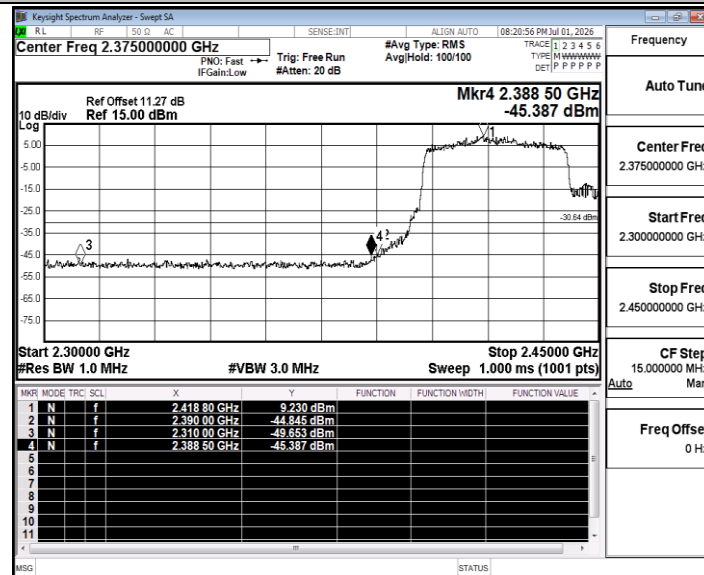
11AX20SISO_Ant2_High_2462_Peak



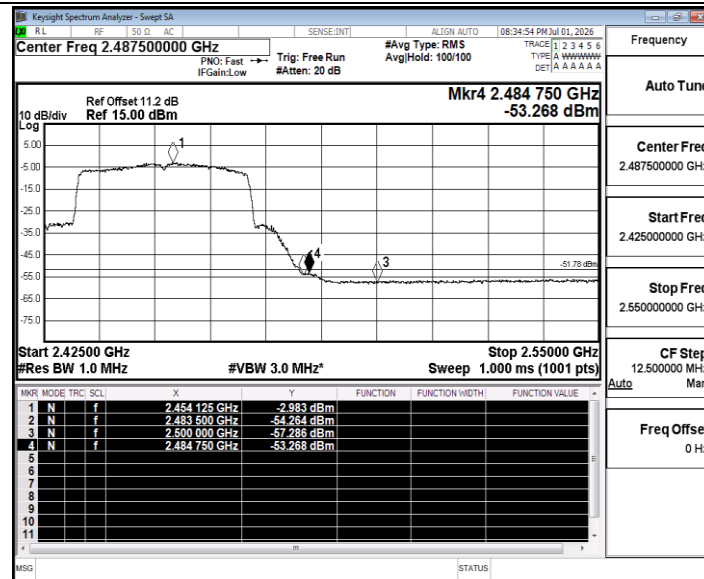
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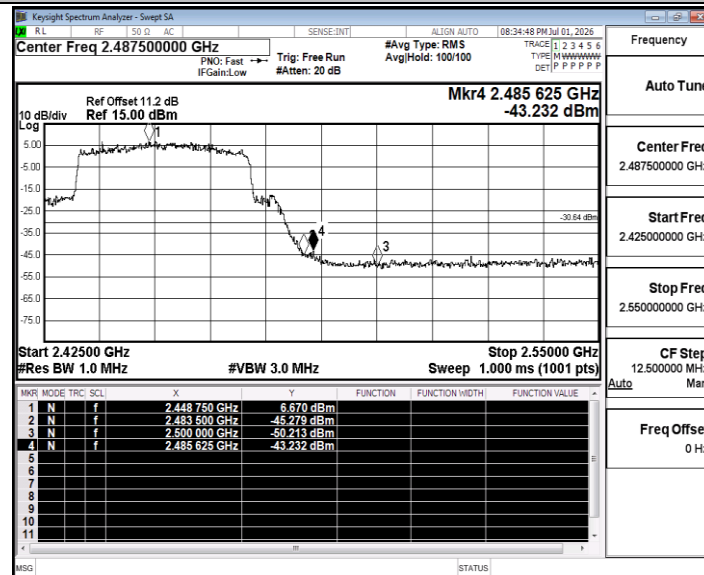
11AX40SISO_Ant2_Low_2422_Peak



11AX40SISO_Ant2_High_2452_AV



11AX40SISO_Ant2_High_2452_Peak



MIMO

Mode	Frequency (MHz)	Ant1Power (dBm)	Ant2Power (dBm)	SUM	Gain (dBi)	Total E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
11N20SISO	2412	-57.95	-57.77	-54.85	5.74	46.12	AV	≤54	Pass
11N20SISO	2412	-55.6	-54.63	-52.08	5.74	48.89	AV	≤54	Pass
11N20SISO	2412	-55.73	-54.63	-52.13	5.74	48.83	AV	≤54	Pass
11N20SISO	2412	-52.26	-49.96	-47.95	5.74	53.02	Peak	≤74	Pass
11N20SISO	2412	-46.82	-46.56	-43.68	5.74	57.29	Peak	≤74	Pass
11N20SISO	2412	-47.56	-46.56	-44.02	5.74	56.95	Peak	≤74	Pass
11N20SISO	2462	-50.89	-51.12	-47.99	5.74	52.97	AV	≤54	Pass
11N20SISO	2462	-51.3	-51.39	-48.33	5.74	52.63	AV	≤54	Pass
11N20SISO	2462	-57.08	-57.25	-54.15	5.74	46.81	AV	≤54	Pass
11N20SISO	2462	-40.92	-40.93	-37.91	5.74	63.05	Peak	≤74	Pass
11N20SISO	2462	-40.75	-42.67	-38.59	5.74	62.37	Peak	≤74	Pass
11N20SISO	2462	-50.08	-49.23	-46.62	5.74	54.34	Peak	≤74	Pass
11N40SISO	2422	-57.02	-58.06	-54.50	5.74	46.47	AV	≤54	Pass
11N40SISO	2422	-51.08	-53.21	-49.01	5.74	51.96	AV	≤54	Pass
11N40SISO	2422	-52.27	-52.74	-49.49	5.74	51.48	AV	≤54	Pass
11N40SISO	2422	-50.31	-50.42	-47.35	5.74	53.61	Peak	≤74	Pass
11N40SISO	2422	-39.86	-42.03	-37.80	5.74	63.17	Peak	≤74	Pass
11N40SISO	2422	-39.36	-44.91	-38.29	5.74	62.67	Peak	≤74	Pass
11N40SISO	2452	-50.56	-53.6	-48.81	5.74	52.16	AV	≤54	Pass
11N40SISO	2452	-50.67	-52.34	-48.41	5.74	52.55	AV	≤54	Pass
11N40SISO	2452	-57.78	-57.39	-54.57	5.74	46.40	AV	≤54	Pass
11N40SISO	2452	-39.53	-45.28	-38.51	5.74	62.46	Peak	≤74	Pass
11N40SISO	2452	-37.44	-42.93	-36.36	5.74	64.61	Peak	≤74	Pass
11N40SISO	2452	-49.36	-49.41	-46.37	5.74	54.59	Peak	≤74	Pass
11AX20SISO	2412	-57.95	-57.13	-54.51	5.74	46.46	AV	≤54	Pass
11AX20SISO	2412	-51.83	-53.86	-49.72	5.74	51.25	AV	≤54	Pass
11AX20SISO	2412	-51.84	-53.86	-49.72	5.74	51.24	AV	≤54	Pass
11AX20SISO	2412	-49.28	-49.27	-46.26	5.74	54.70	Peak	≤74	Pass
11AX20SISO	2412	-37.55	-42.69	-36.39	5.74	64.58	Peak	≤74	Pass
11AX20SISO	2412	-41.31	-44.45	-39.59	5.74	61.38	Peak	≤74	Pass
11AX20SISO	2462	-51.26	-52.5	-48.83	5.74	52.14	AV	≤54	Pass
11AX20SISO	2462	-51.1	-53.31	-49.06	5.74	51.91	AV	≤54	Pass
11AX20SISO	2462	-57.97	-57.45	-54.69	5.74	46.28	AV	≤54	Pass
11AX20SISO	2462	-37.03	-43.79	-36.20	5.74	64.77	Peak	≤74	Pass
11AX20SISO	2462	-35.82	-42.96	-35.05	5.74	65.91	Peak	≤74	Pass
11AX20SISO	2462	-49.41	-49.79	-46.59	5.74	54.38	Peak	≤74	Pass
11AX40SISO	2422	-57.36	-57.33	-54.33	5.74	46.63	AV	≤54	Pass
11AX40SISO	2422	-48.06	-54.16	-47.11	5.74	53.86	AV	≤54	Pass
11AX40SISO	2422	-49.64	-54.09	-48.31	5.74	52.66	AV	≤54	Pass

11AX40SISO	2422	-49.64	-49.65	-46.63	5.74	54.33	Peak	≤74	Pass
11AX40SISO	2422	-39.01	-45.39	-38.11	5.74	62.86	Peak	≤74	Pass
11AX40SISO	2422	-39.02	-44.85	-38.01	5.74	62.96	Peak	≤74	Pass
11AX40SISO	2452	-50.29	-54.26	-48.83	5.74	52.14	AV	≤54	Pass
11AX40SISO	2452	-51.21	-53.27	-49.11	5.74	51.86	AV	≤54	Pass
11AX40SISO	2452	-58.09	-57.29	-54.66	5.74	46.31	AV	≤54	Pass
11AX40SISO	2452	-36.68	-45.28	-36.12	5.74	64.85	Peak	≤74	Pass
11AX40SISO	2452	-35.69	-43.23	-34.99	5.74	65.98	Peak	≤74	Pass
11AX40SISO	2452	-49.24	-50.21	-46.69	5.74	54.28	Peak	≤74	Pass