



11N20SISO	Ant1	High	2462	AV	2484.110	-50.94	≤-41.20	44.26	≤54	PASS
11N40SISO	Ant1	Low	2422	Peak	2390.000	-38.99	≤-21.20	56.21	≤74	PASS
11N40SISO	Ant1	Low	2422	Peak	2310.000	-46.34	≤-21.20	48.86	≤74	PASS
11N40SISO	Ant1	Low	2422	Peak	2338.550	-26.53	≤-21.20	68.67	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2390.000	-49.94	≤-41.20	45.26	≤54	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-57.37	≤-41.20	37.83	≤54	PASS
11N40SISO	Ant1	Low	2422	AV	2389.700	-48.38	≤-41.20	46.82	≤54	PASS
11N40SISO	Ant1	High	2452	Peak	2483.500	-41.69	≤-21.20	53.51	≤74	PASS
11N40SISO	Ant1	High	2452	Peak	2500.000	-47.25	≤-21.20	47.95	≤74	PASS
11N40SISO	Ant1	High	2452	Peak	2484.250	-33.51	≤-21.20	61.69	≤74	PASS
11N40SISO	Ant1	High	2452	AV	2483.500	-51.87	≤-41.20	43.33	≤54	PASS
11N40SISO	Ant1	High	2452	AV	2500.000	-57.23	≤-41.20	37.97	≤54	PASS
11N40SISO	Ant1	High	2452	AV	2483.625	-47.29	≤-41.20	47.91	≤54	PASS

Note :offset=System attenuation +cabal loss

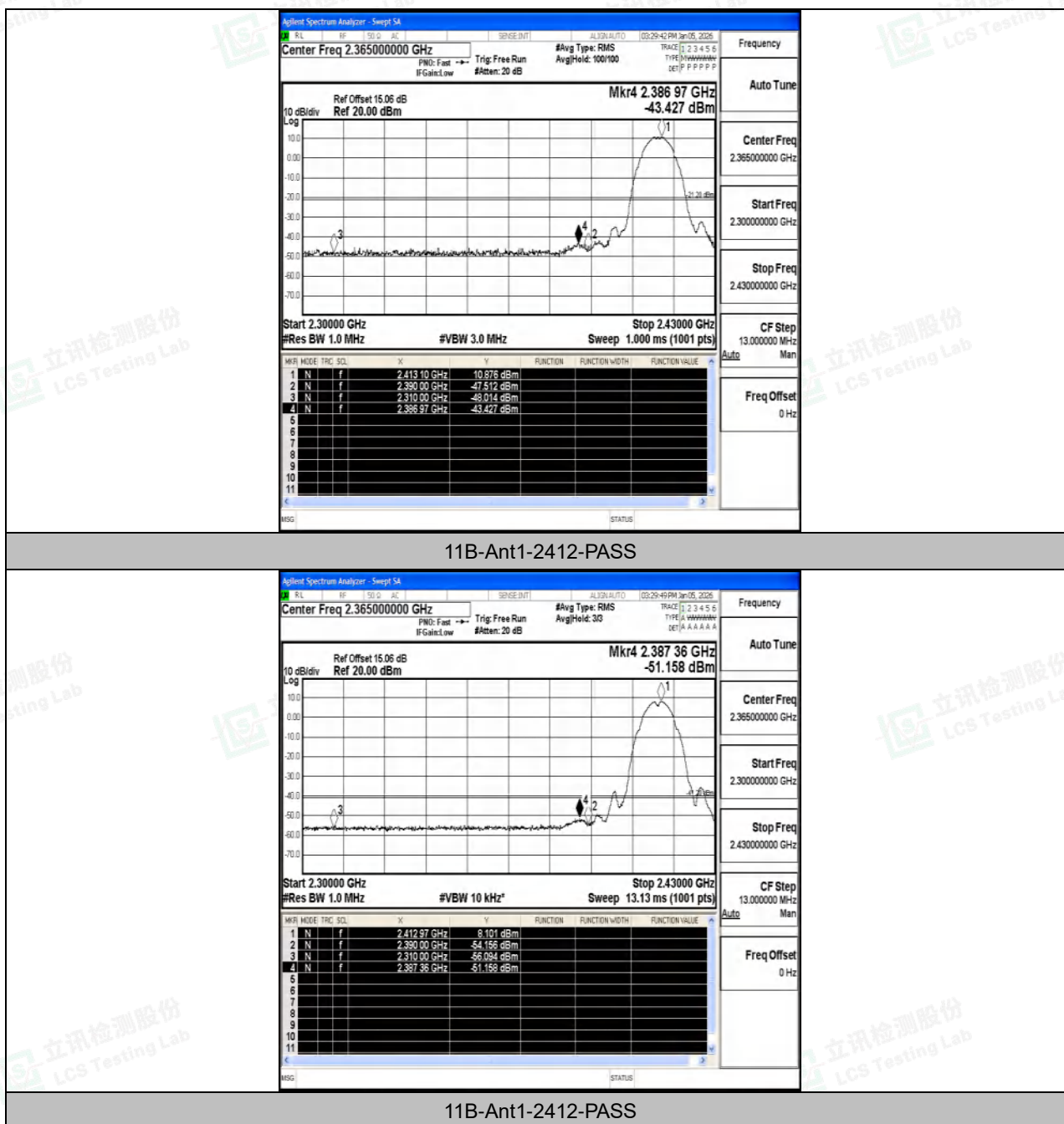
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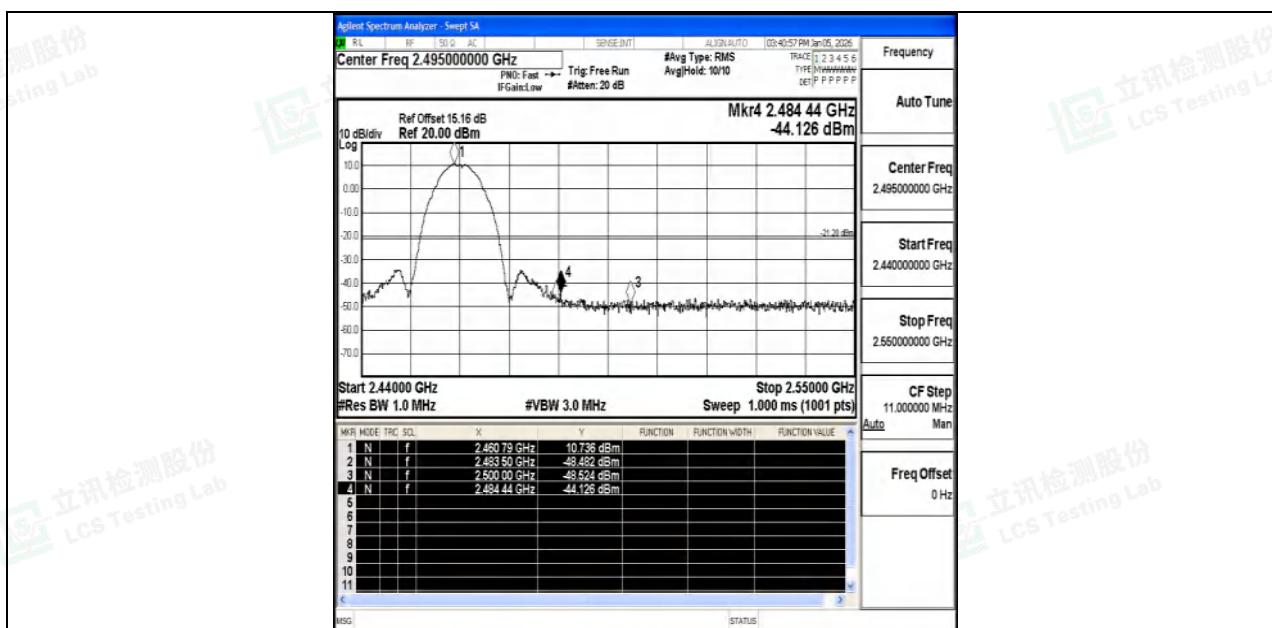
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



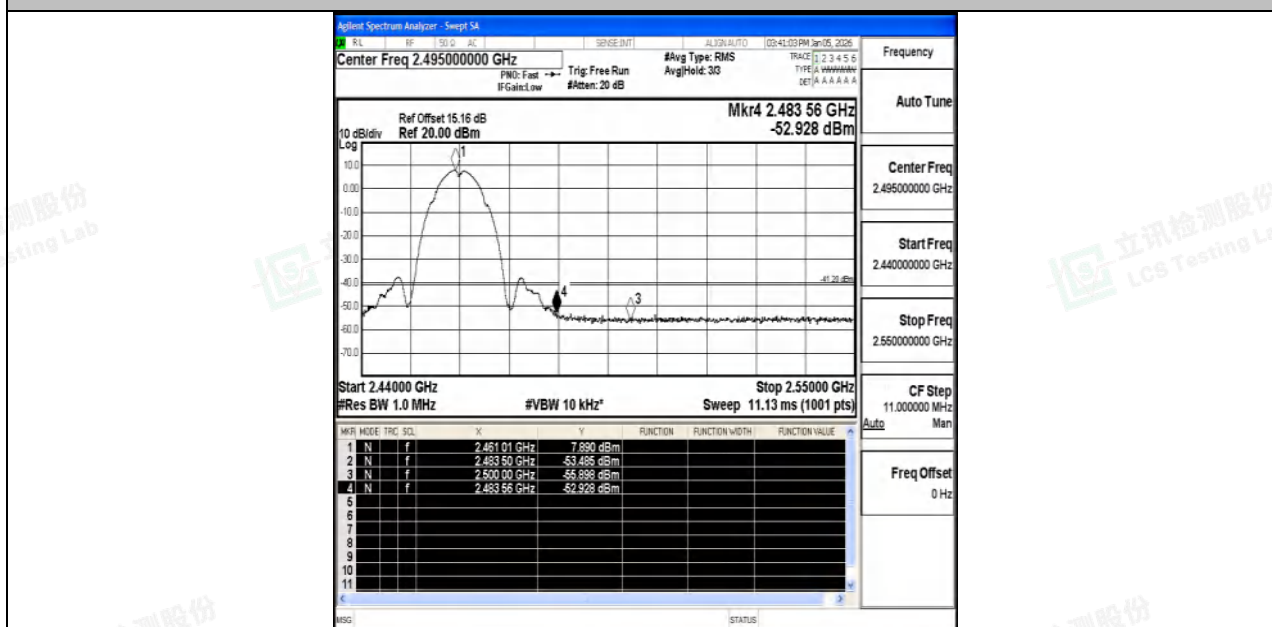


Test Graphs



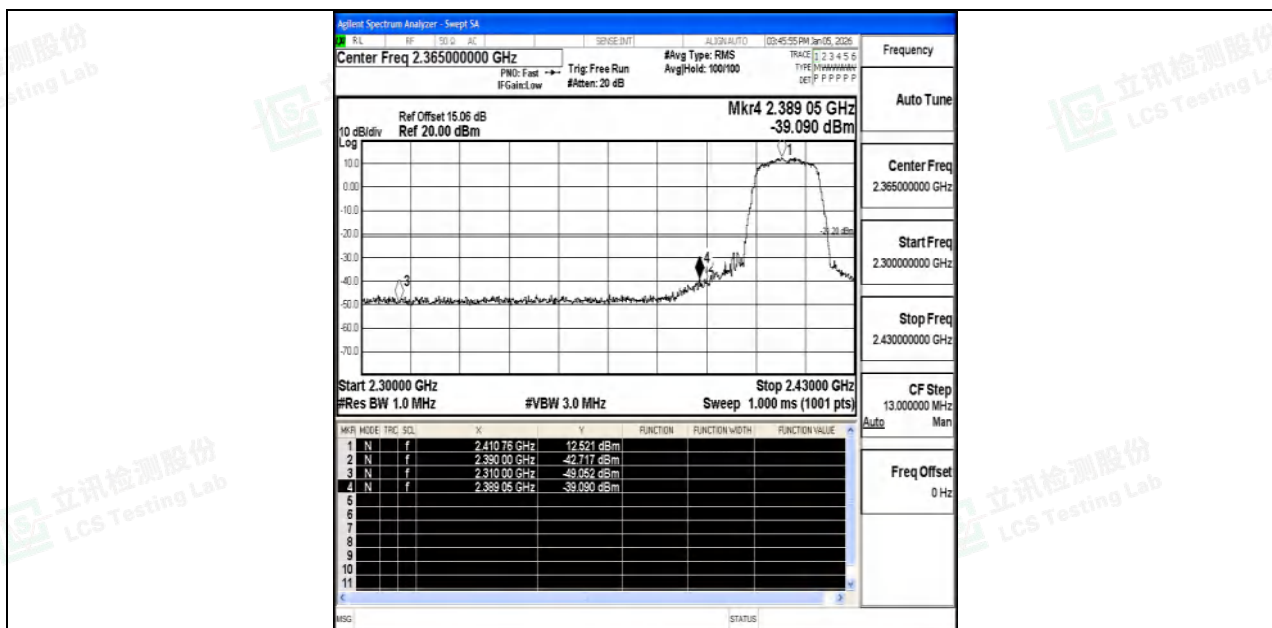


11B-Ant1-2462-PASS

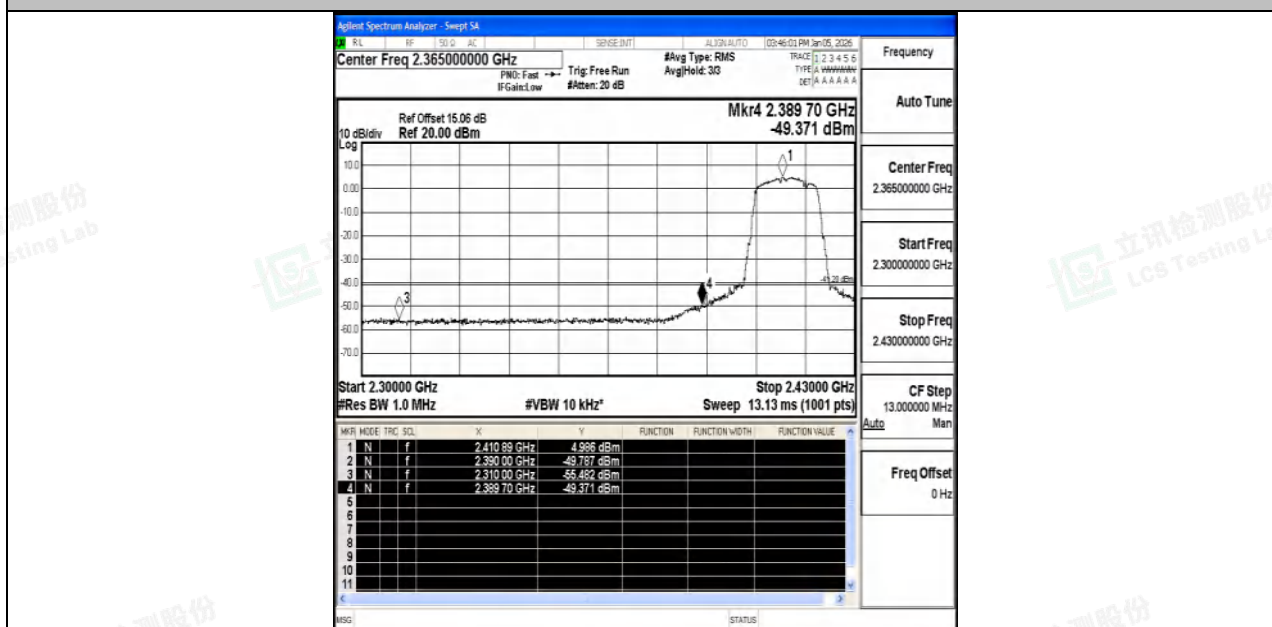


11B-Ant1-2462-PASS



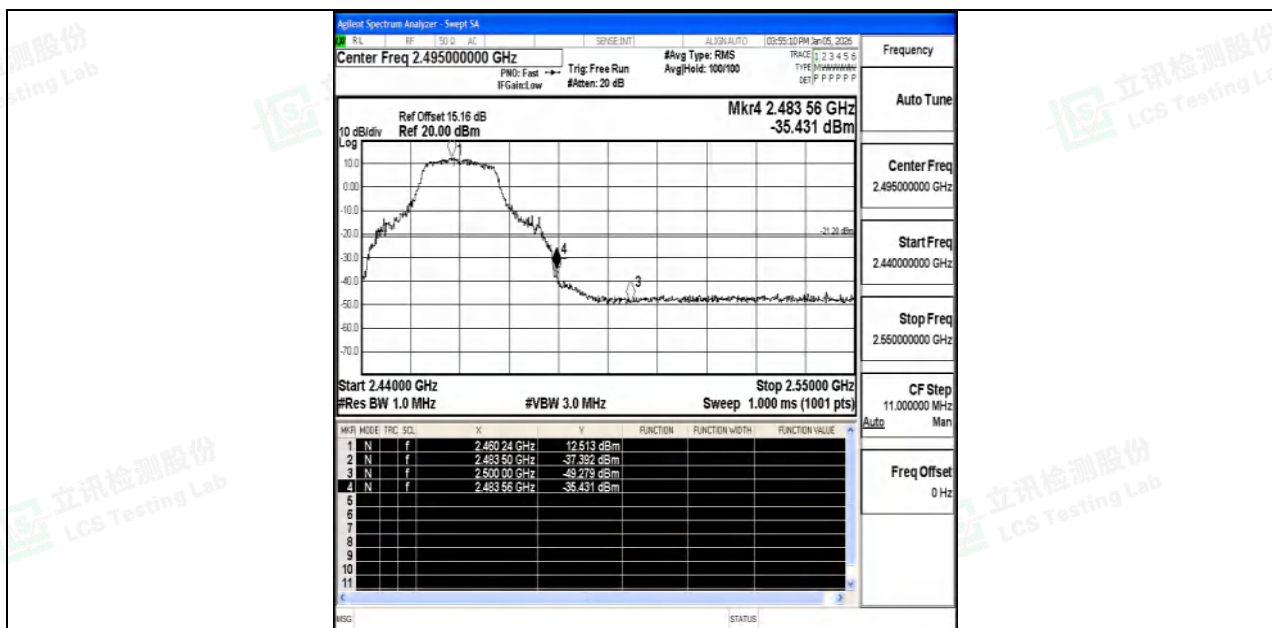


11G-Ant1-2412-PASS

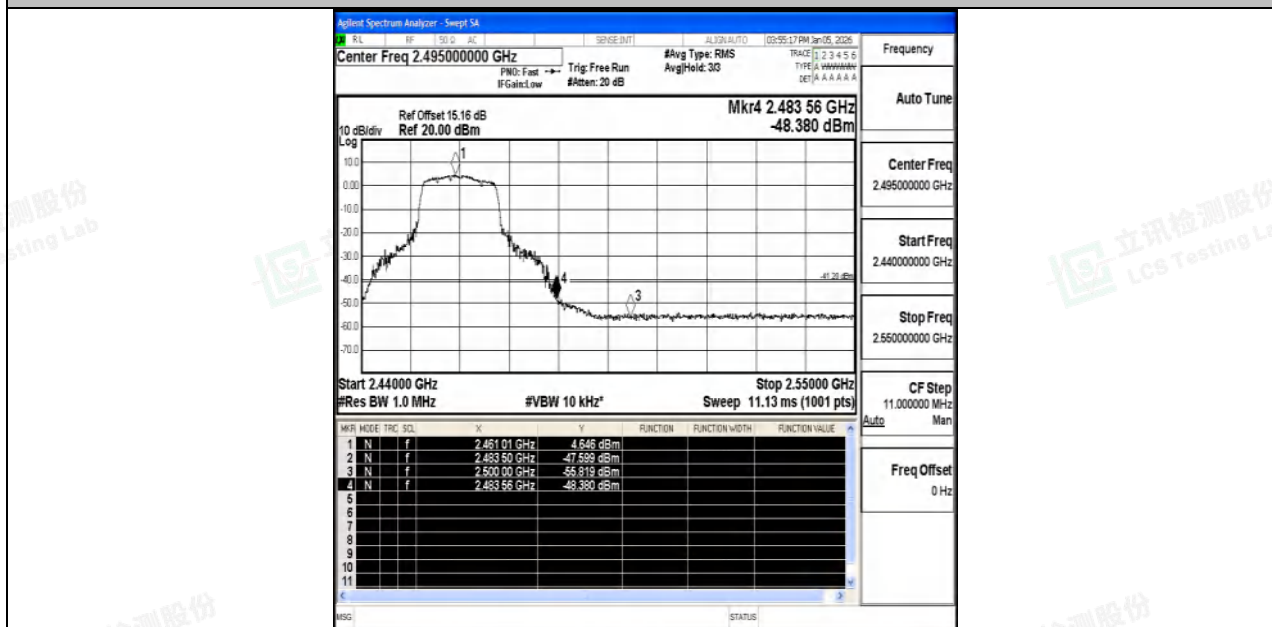


11G-Ant1-2412-PASS



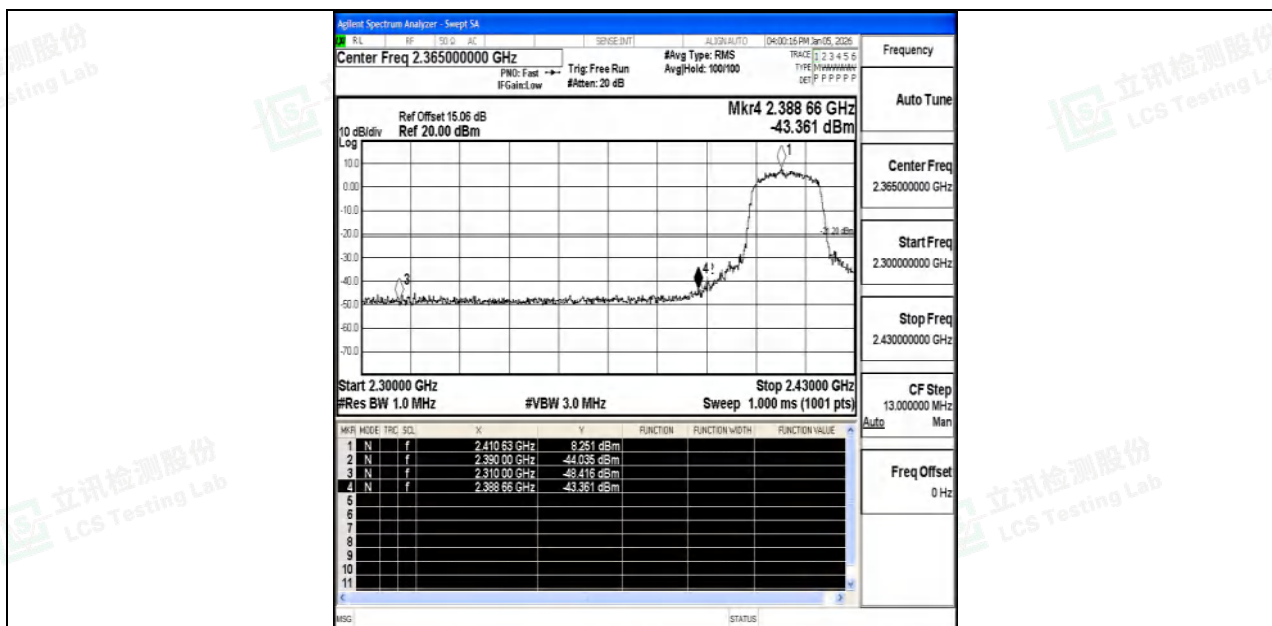


11G-Ant1-2462-PASS

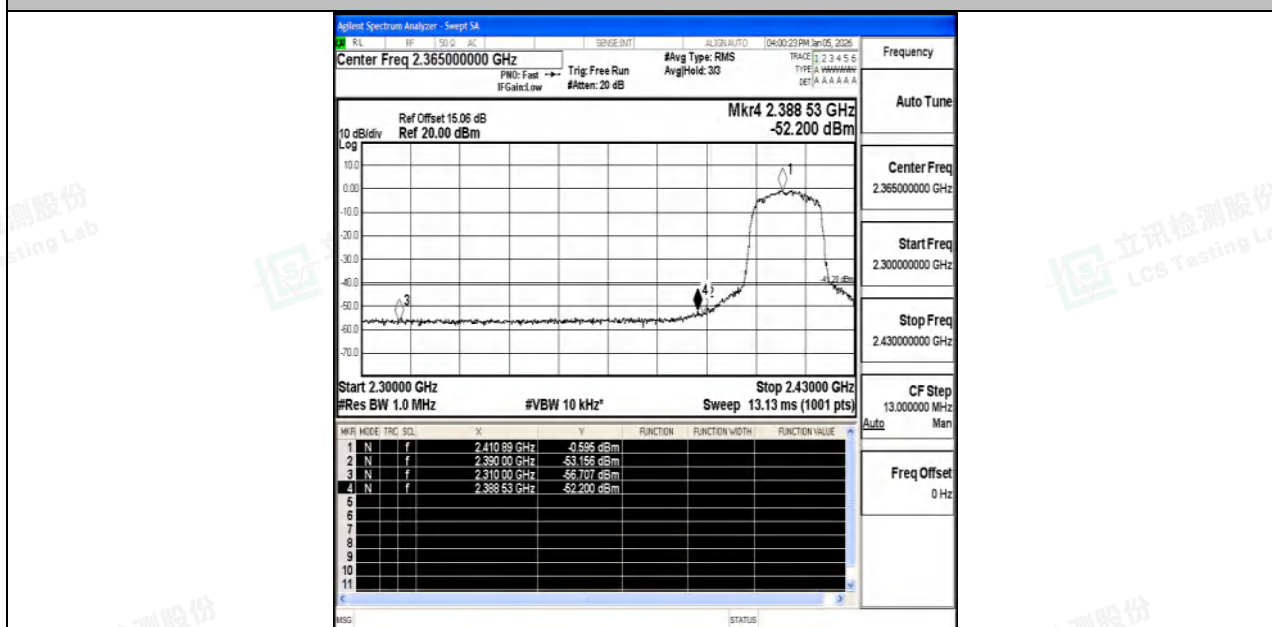


11G-Ant1-2462-PASS



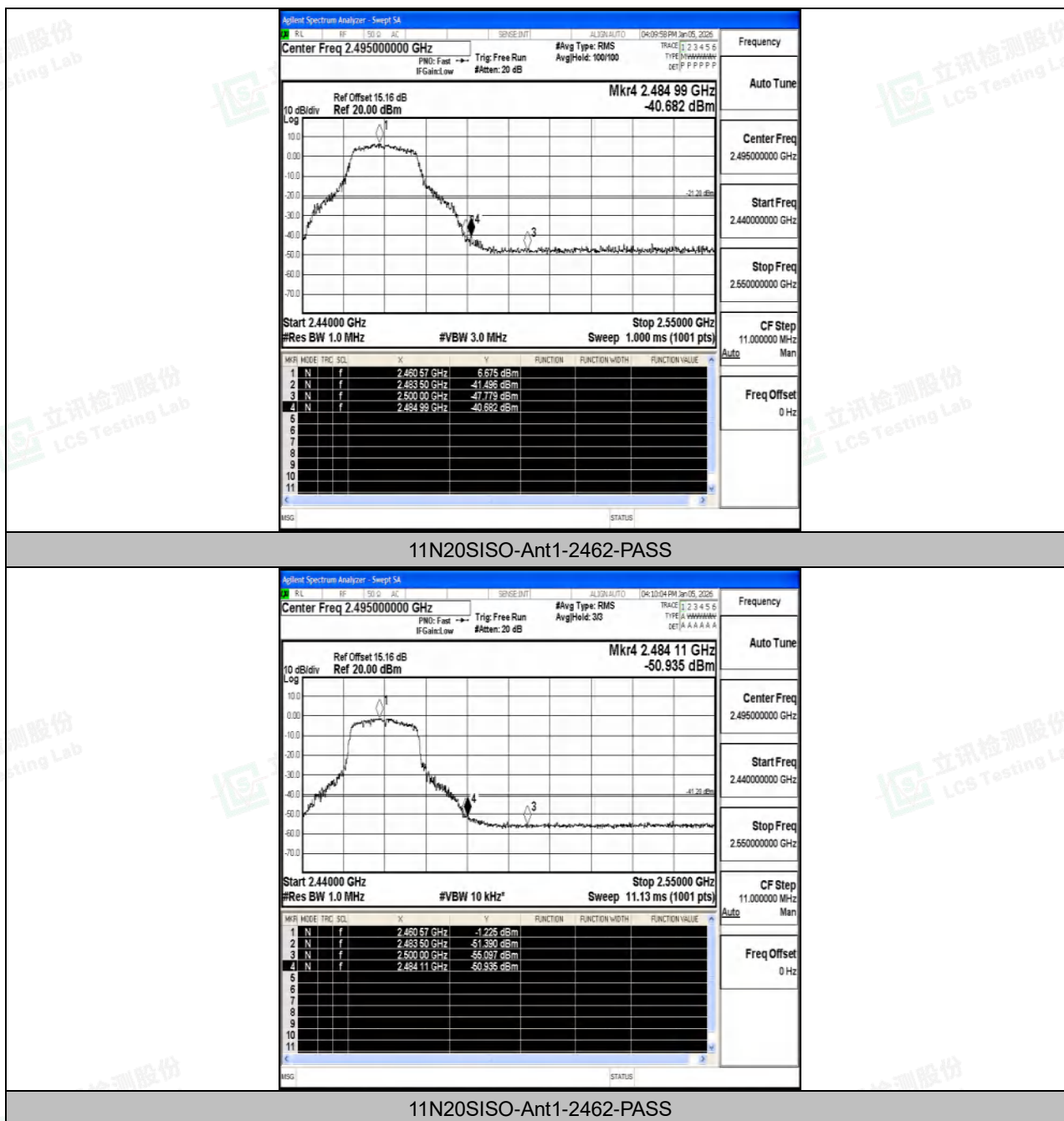


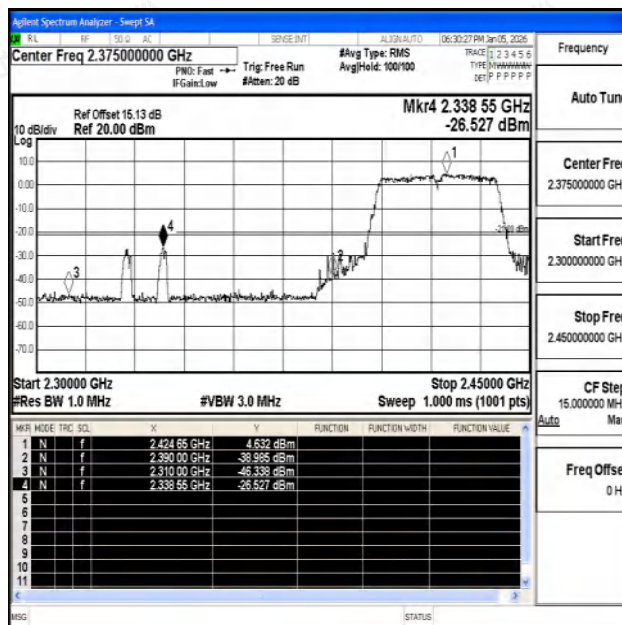
11N20SISO-Ant1-2412-PASS



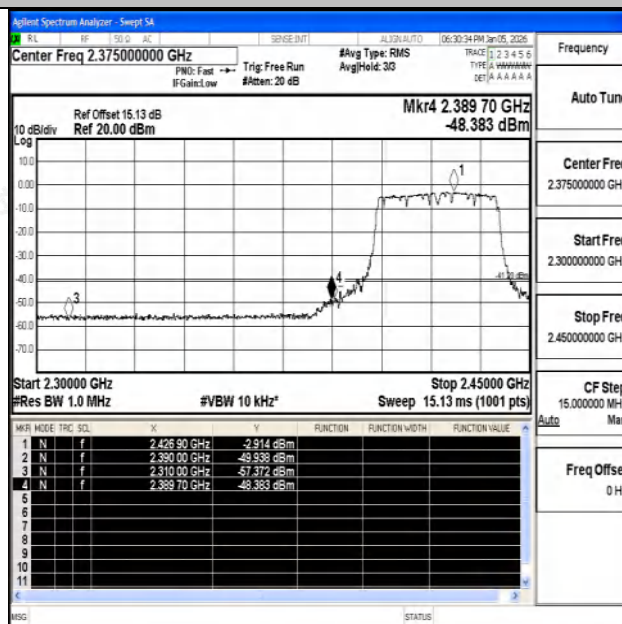
11N20SISO-Ant1-2412-PASS





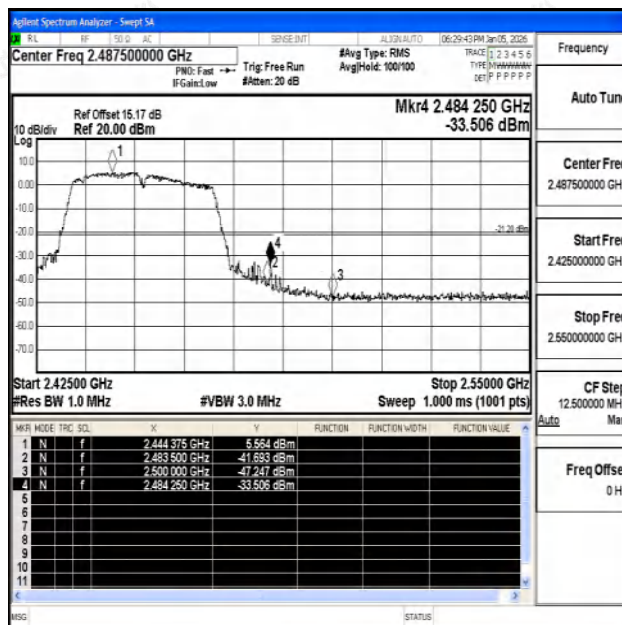


11N40SISO-Ant1-2422-PASS

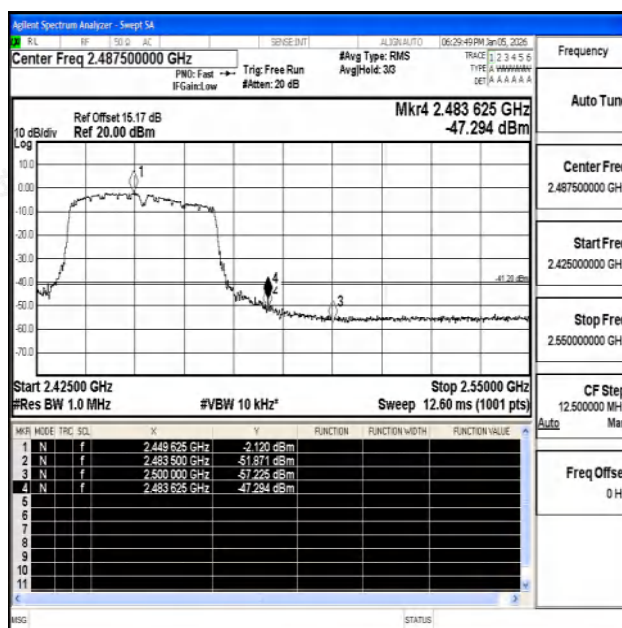


11N40SISO-Ant1-2422-PASS



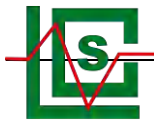


11N40SISO-Ant1-2452-PASS



11N40SISO-Ant1-2452-PASS





Test Result

TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant2	Low	2412	Peak	2390.000	-49.11	≤-21.20	46.09	≤74	PASS
11B	Ant2	Low	2412	Peak	2310.000	-51.38	≤-21.20	43.82	≤74	PASS
11B	Ant2	Low	2412	Peak	2386.840	-45.2	≤-21.20	50.00	≤74	PASS
11B	Ant2	Low	2412	AV	2390.000	-55.26	≤-41.20	39.94	≤54	PASS
11B	Ant2	Low	2412	AV	2310.000	-55.74	≤-41.20	39.46	≤54	PASS
11B	Ant2	Low	2412	AV	2385.410	-50.5	≤-41.20	44.70	≤54	PASS
11B	Ant2	High	2462	Peak	2483.500	-47.75	≤-21.20	47.45	≤74	PASS
11B	Ant2	High	2462	Peak	2500.000	-47.05	≤-21.20	48.15	≤74	PASS
11B	Ant2	High	2462	Peak	2483.890	-46.07	≤-21.20	49.13	≤74	PASS
11B	Ant2	High	2462	AV	2483.500	-53.06	≤-41.20	42.14	≤54	PASS
11B	Ant2	High	2462	AV	2500.000	-56.12	≤-41.20	39.08	≤54	PASS
11B	Ant2	High	2462	AV	2483.560	-51.81	≤-41.20	43.39	≤54	PASS
11G	Ant2	Low	2412	Peak	2390.000	-39.88	≤-21.20	55.32	≤74	PASS
11G	Ant2	Low	2412	Peak	2310.000	-47.67	≤-21.20	47.53	≤74	PASS
11G	Ant2	Low	2412	Peak	2388.790	-38.93	≤-21.20	56.27	≤74	PASS
11G	Ant2	Low	2412	AV	2390.000	-51.56	≤-41.20	43.64	≤54	PASS
11G	Ant2	Low	2412	AV	2310.000	-56.16	≤-41.20	39.04	≤54	PASS
11G	Ant2	Low	2412	AV	2388.270	-49.81	≤-41.20	45.39	≤54	PASS
11G	Ant2	High	2462	Peak	2483.500	-37.48	≤-21.20	57.72	≤74	PASS
11G	Ant2	High	2462	Peak	2500.000	-48.54	≤-21.20	46.66	≤74	PASS
11G	Ant2	High	2462	Peak	2484.220	-38.39	≤-21.20	56.81	≤74	PASS
11G	Ant2	High	2462	AV	2483.500	-48.97	≤-41.20	46.23	≤54	PASS
11G	Ant2	High	2462	AV	2500.000	-56.65	≤-41.20	38.55	≤54	PASS
11G	Ant2	High	2462	AV	2484.880	-48.91	≤-41.20	46.29	≤54	PASS
11N20SISO	Ant2	Low	2412	Peak	2390.000	-44.73	≤-21.20	50.47	≤74	PASS
11N20SISO	Ant2	Low	2412	Peak	2310.000	-49.51	≤-21.20	45.69	≤74	PASS
11N20SISO	Ant2	Low	2412	Peak	2389.310	-41.29	≤-21.20	53.91	≤74	PASS
11N20SISO	Ant2	Low	2412	AV	2390.000	-52.44	≤-41.20	42.76	≤54	PASS
11N20SISO	Ant2	Low	2412	AV	2310.000	-55.87	≤-41.20	39.33	≤54	PASS
11N20SISO	Ant2	Low	2412	AV	2389.180	-51.9	≤-41.20	43.30	≤54	PASS
11N20SISO	Ant2	High	2462	Peak	2483.500	-41.19	≤-21.20	54.01	≤74	PASS
11N20SISO	Ant2	High	2462	Peak	2500.000	-47.89	≤-21.20	47.31	≤74	PASS
11N20SISO	Ant2	High	2462	Peak	2483.670	-36.95	≤-21.20	58.25	≤74	PASS
11N20SISO	Ant2	High	2462	AV	2483.500	-49.91	≤-41.20	45.29	≤54	PASS
11N20SISO	Ant2	High	2462	AV	2500.000	-56.46	≤-41.20	38.74	≤54	PASS
11N20SISO	Ant2	High	2462	AV	2483.670	-50.73	≤-41.20	44.47	≤54	PASS
11N40SISO	Ant2	Low	2422	Peak	2390.000	-39.72	≤-21.20	55.48	≤74	PASS





11N40SISO	Ant2	Low	2422	Peak	2310.000	-47.21	≤-21.20	47.99	≤74	PASS
11N40SISO	Ant2	Low	2422	Peak	2389.400	-29.46	≤-21.20	65.74	≤74	PASS
11N40SISO	Ant2	Low	2422	AV	2390.000	-50.16	≤-41.20	45.04	≤54	PASS
11N40SISO	Ant2	Low	2422	AV	2310.000	-55.56	≤-41.20	39.64	≤54	PASS
11N40SISO	Ant2	Low	2422	AV	2389.100	-48.3	≤-41.20	46.90	≤54	PASS
11N40SISO	Ant2	High	2452	Peak	2483.500	-42.9	≤-21.20	52.30	≤74	PASS
11N40SISO	Ant2	High	2452	Peak	2500.000	-47.47	≤-21.20	47.73	≤74	PASS
11N40SISO	Ant2	High	2452	Peak	2484.875	-35.61	≤-21.20	59.59	≤74	PASS
11N40SISO	Ant2	High	2452	AV	2483.500	-47.79	≤-41.20	47.41	≤54	PASS
11N40SISO	Ant2	High	2452	AV	2500.000	-56.3	≤-41.20	38.90	≤54	PASS
11N40SISO	Ant2	High	2452	AV	2484.250	-50.51	≤-41.20	44.69	≤54	PASS

Note :offset=System attenuation +cabal loss

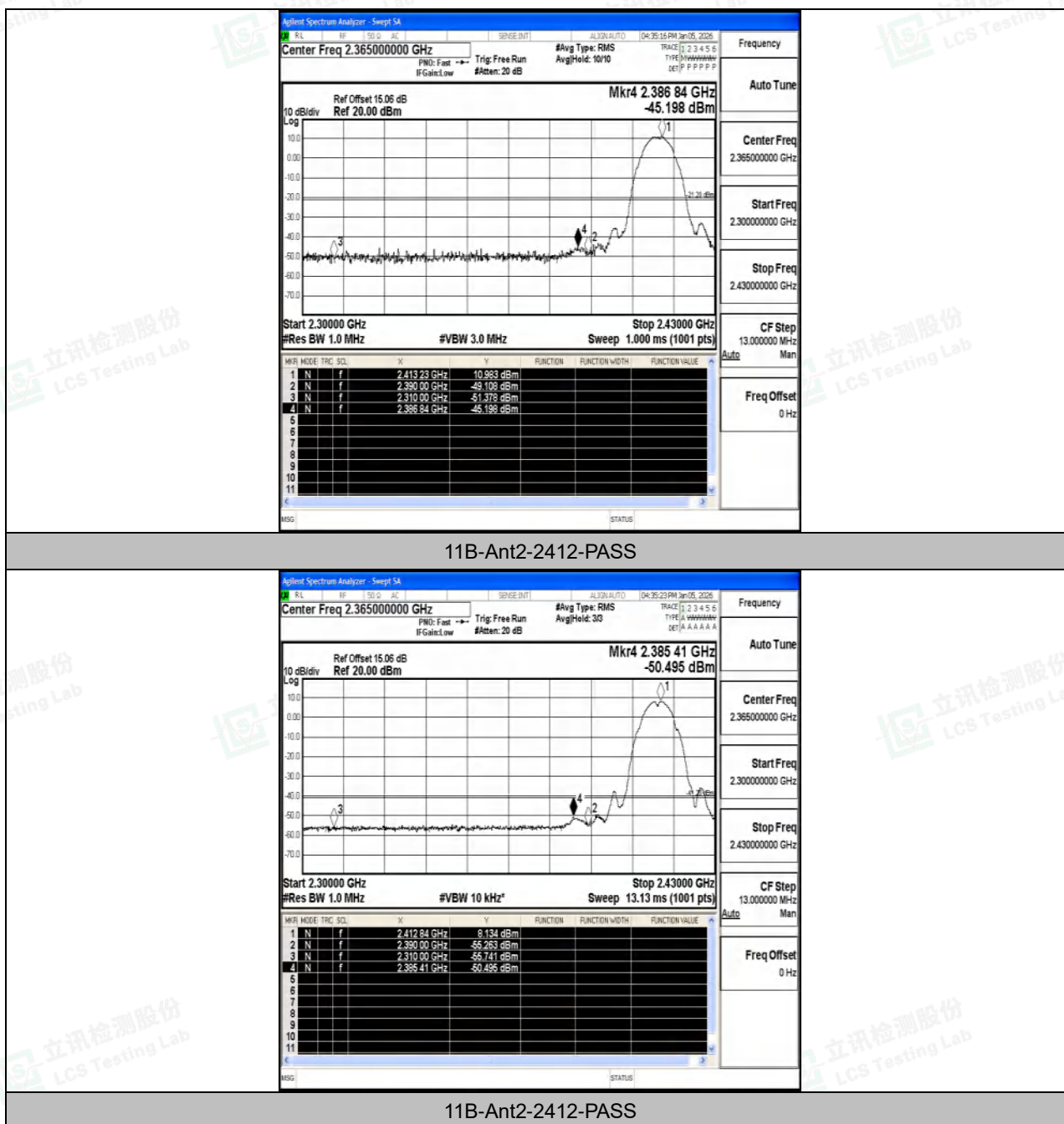
Note:

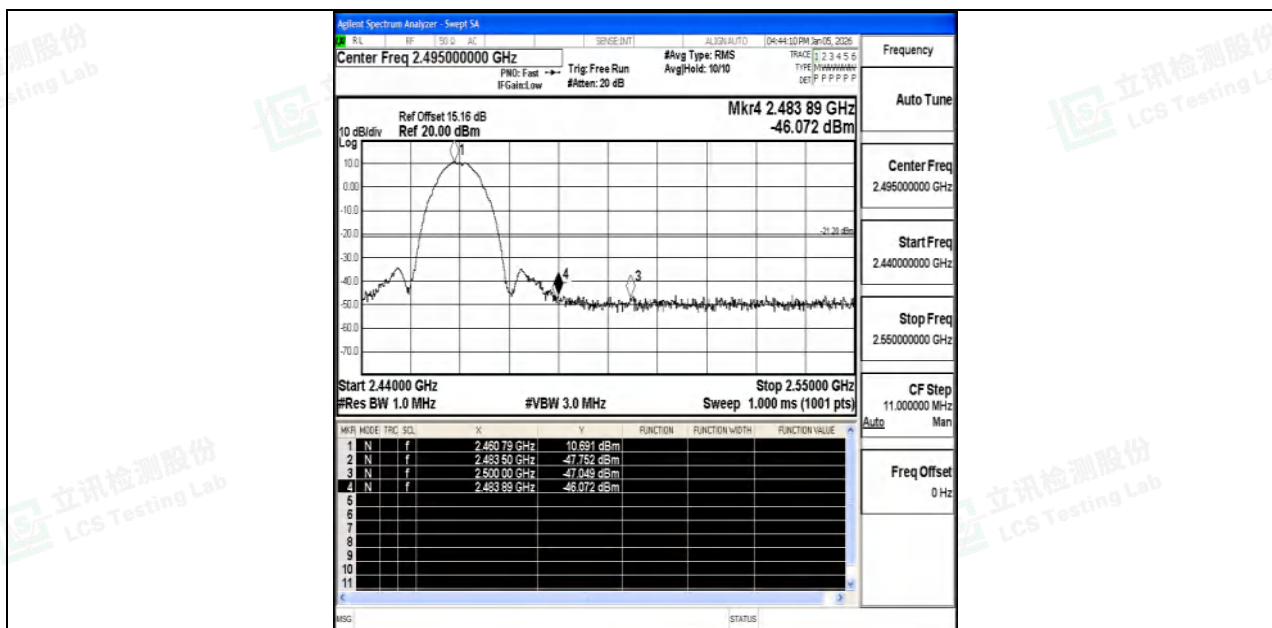
3. The Antenna Gain is compensated in the graph.
4. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.



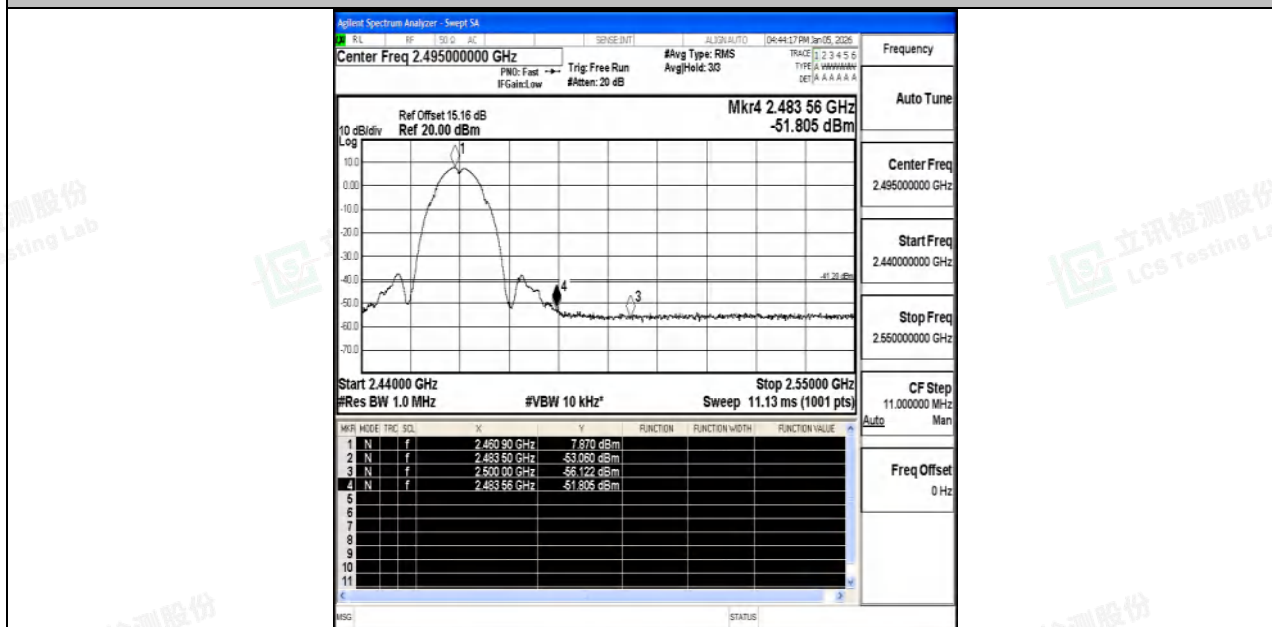


Test Graphs



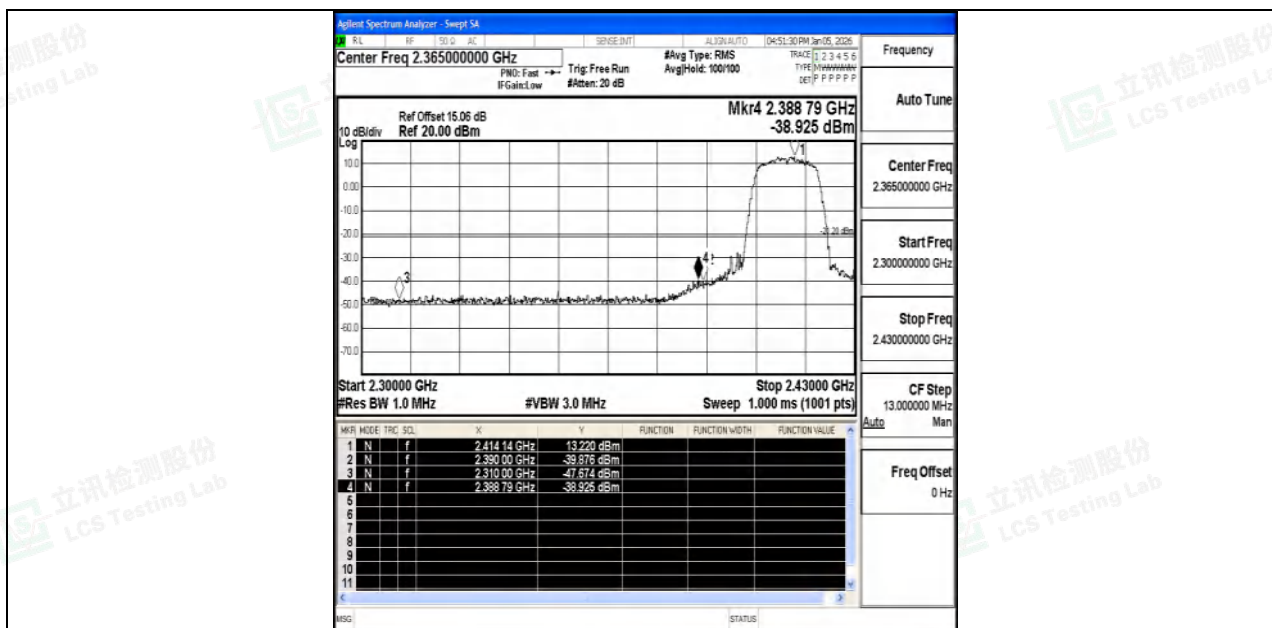


11B-Ant2-2462-PASS

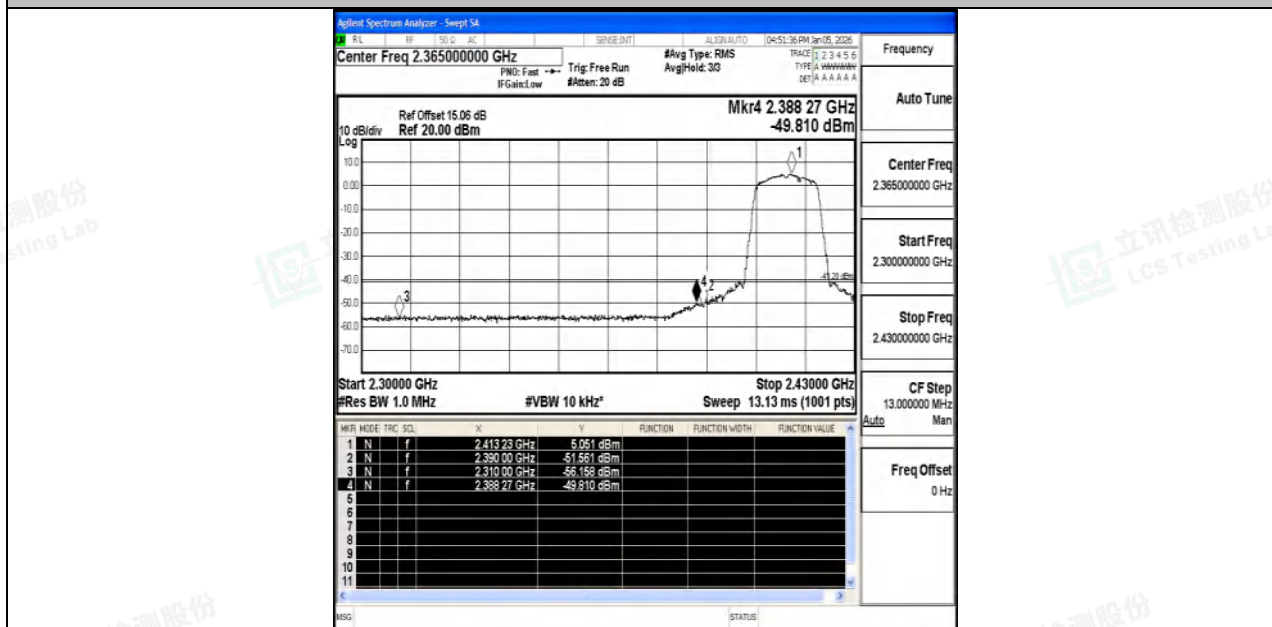


11B-Ant2-2462-PASS



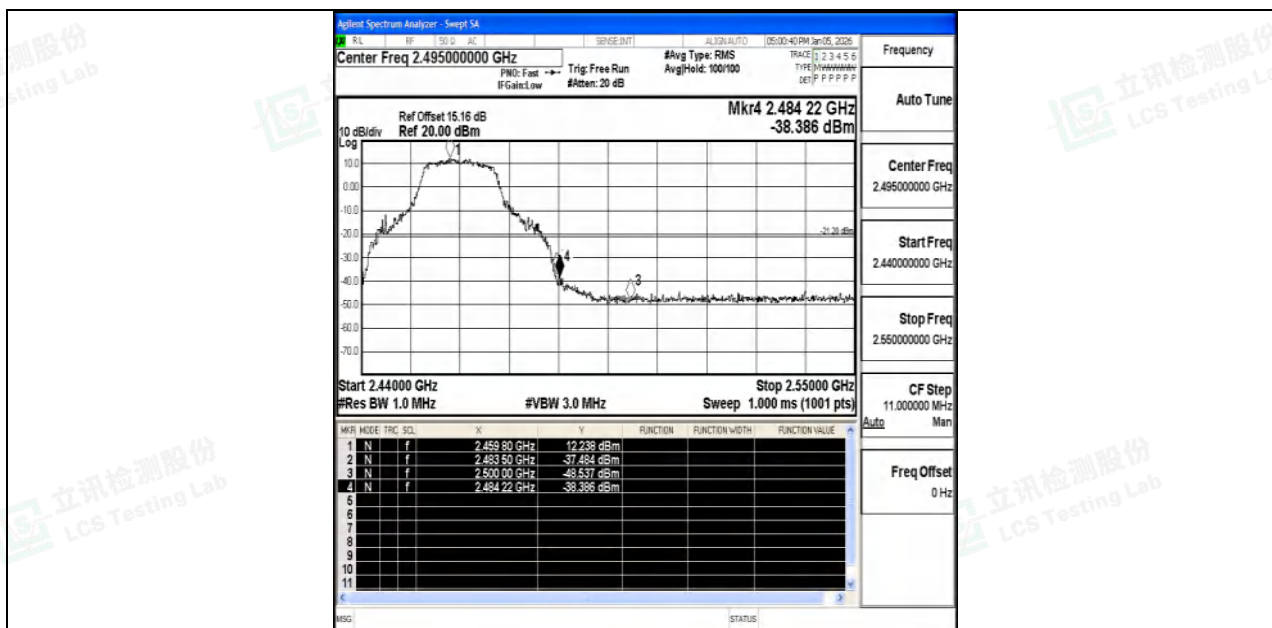


11G-Ant2-2412-PASS

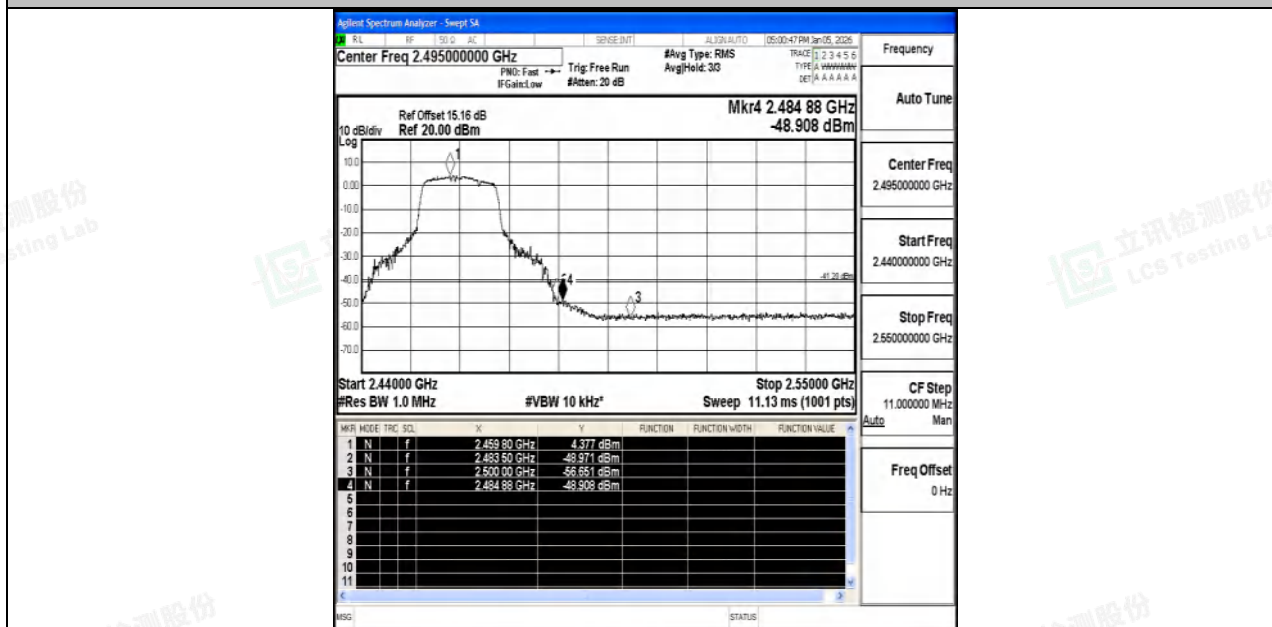


11G-Ant2-2412-PASS



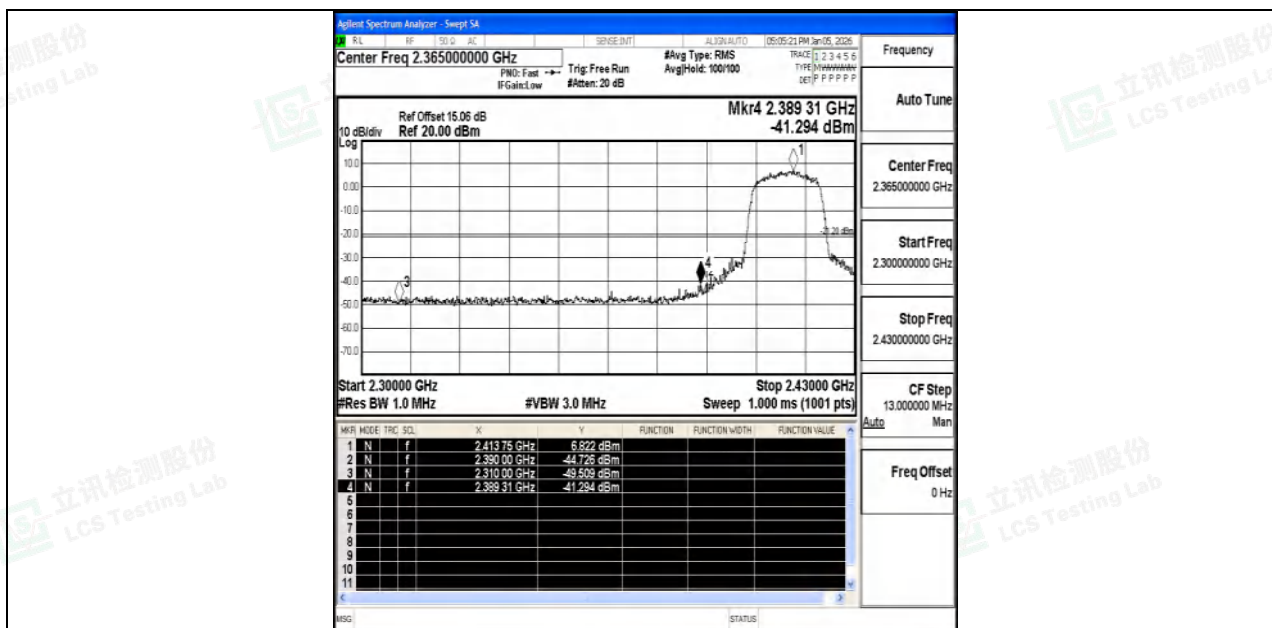


11G-Ant2-2462-PASS

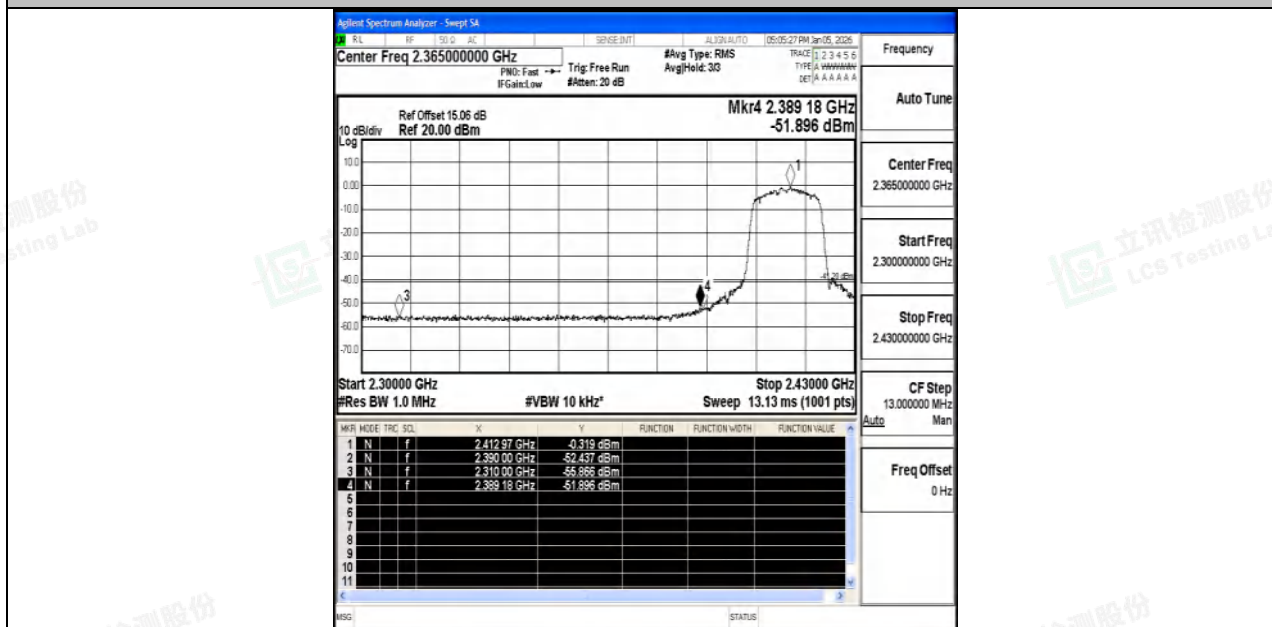


11G-Ant2-2462-PASS



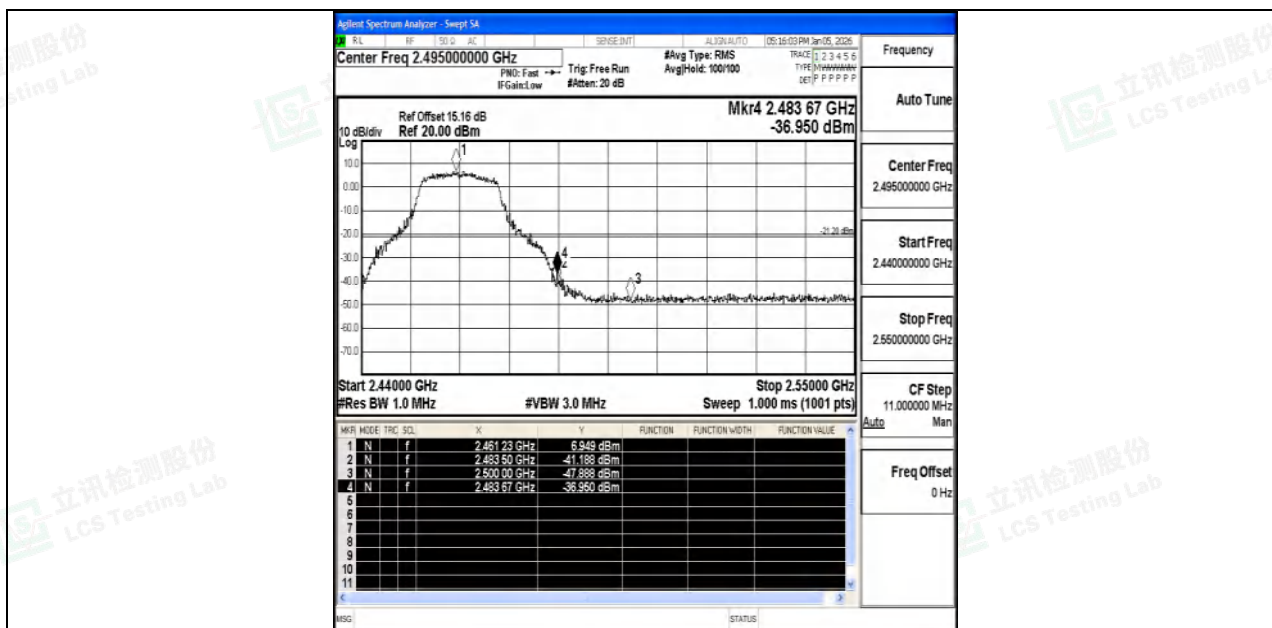


11N20SISO-Ant2-2412-PASS

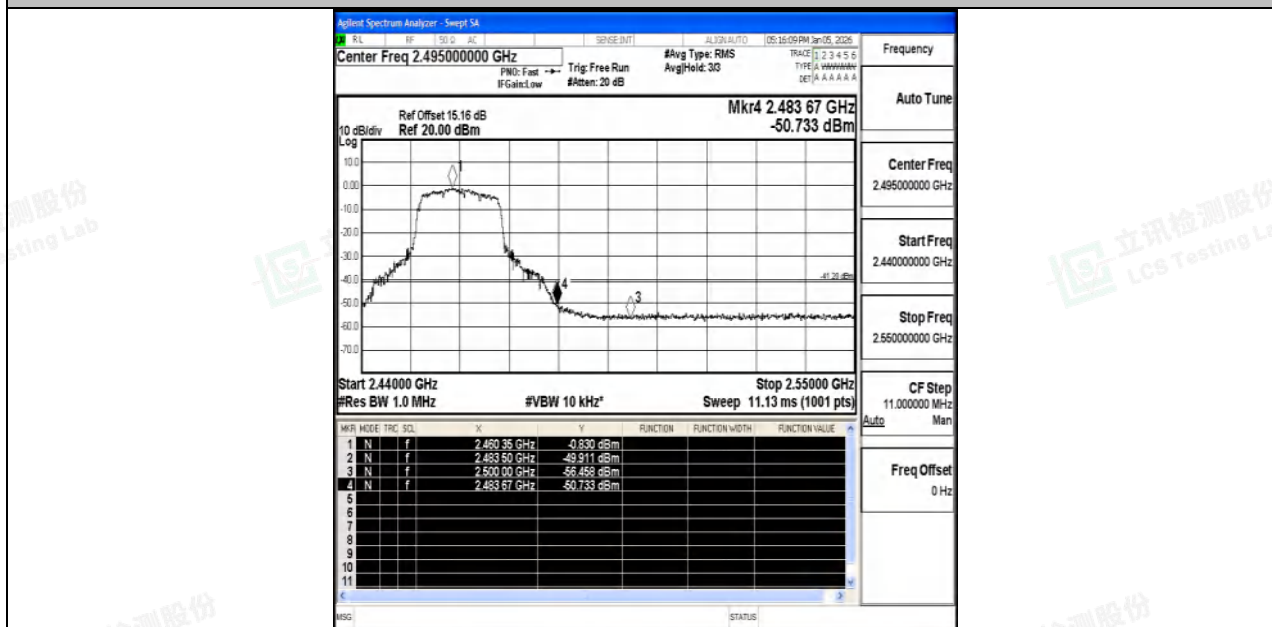


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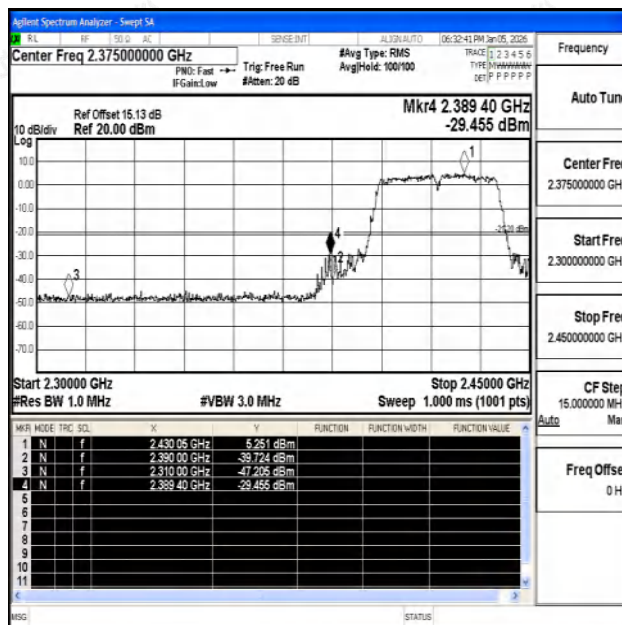


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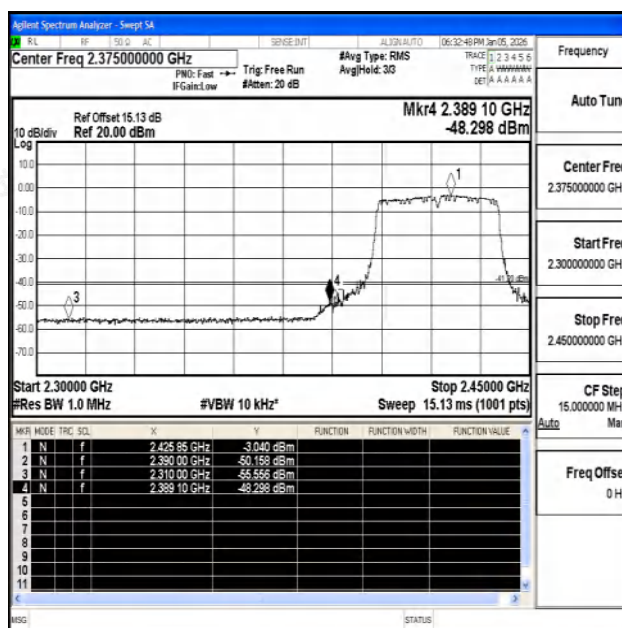


11N20SISO-Ant2-2462-PASS



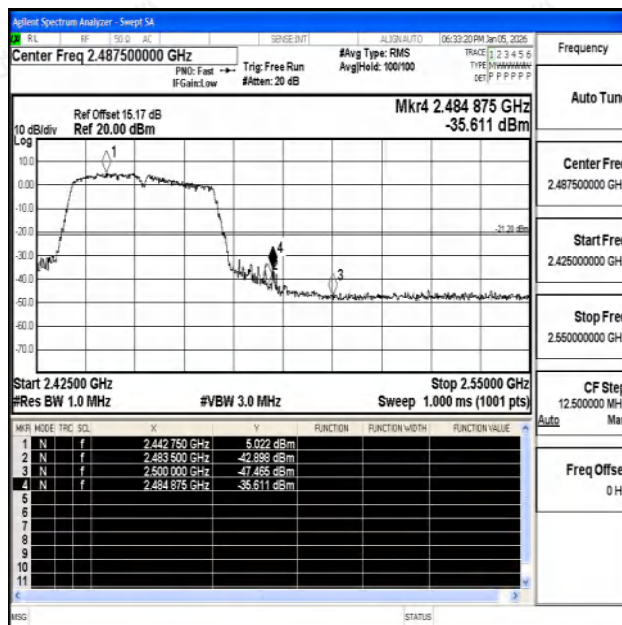


11N40SISO-Ant2-2422-PASS

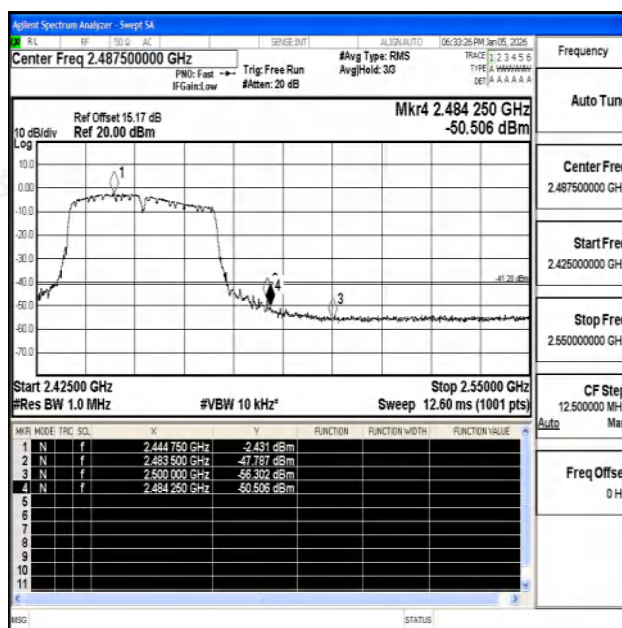


11N40SISO-Ant2-2422-PASS





11N40SISO-Ant2-2452-PASS



11N40SISO-Ant2-2452-PASS





MIMO

Condition	Mode	Frequency (MHz)	Ant1 Power (dBm)	Ant2 Power (dBm)	Gain (dBi)	Total E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	n20	2412	-52.06	-50.6	8.01	55.01	Peak	74	Pass
NVNT	n20	2412	-58.04	-57.6	8.01	48.46	Average	54	Pass
NVNT	n20	2412	-36.68	-39.91	8.01	68.28	Peak	74	Pass
NVNT	n20	2412	-52.44	-52.62	8.01	53.75	Average	54	Pass
NVNT	n20	2412	-42.32	-41.9	8.01	64.17	Peak	74	Pass
NVNT	n20	2412	-53.7	-53.19	8.01	52.84	Average	54	Pass
NVNT	n20	2462	-36.78	-35.46	8.01	70.21	Peak	74	Pass
NVNT	n20	2462	-52.42	-54.85	8.01	52.81	Average	54	Pass
NVNT	n20	2462	-34.73	-33.69	8.01	72.10	Peak	74	Pass
NVNT	n20	2462	-51.88	-56.56	8.01	52.66	Average	54	Pass
NVNT	n20	2462	-49.5	-48.43	8.01	57.35	Peak	74	Pass
NVNT	n20	2462	-57.72	-58.28	8.01	48.29	Average	54	Pass
NVNT	n40	2422	-49.89	-49.68	8.01	56.49	Peak	74	Pass
NVNT	n40	2422	-58.97	-58.72	8.01	47.43	Average	54	Pass
NVNT	n40	2422	-36.04	-34.48	8.01	71.09	Peak	74	Pass
NVNT	n40	2422	-50.9	-59.82	8.01	52.89	Average	54	Pass
NVNT	n40	2422	-36.39	-37.57	8.01	69.34	Peak	74	Pass
NVNT	n40	2422	-57.63	-56.96	8.01	49.00	Average	54	Pass
NVNT	n40	2452	-38.52	-35.66	8.01	69.42	Peak	74	Pass
NVNT	n40	2452	-59.68	-54.31	8.01	50.06	Average	54	Pass
NVNT	n40	2452	-31.87	-34.77	8.01	73.20	Peak	74	Pass
NVNT	n40	2452	-56.63	-55.91	8.01	50.02	Average	54	Pass
NVNT	n40	2452	-49.86	-49.41	8.01	56.65	Peak	74	Pass
NVNT	n40	2452	-58.36	-58.13	8.01	48.03	Average	54	Pass



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