



Appendix C

RF Test Data for 2.4GWIFI(Conducted Measurement)

Product Name: Tablet PC

Test Model: T10_Pro

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

C.1 DTS Bandwidth

Test Result

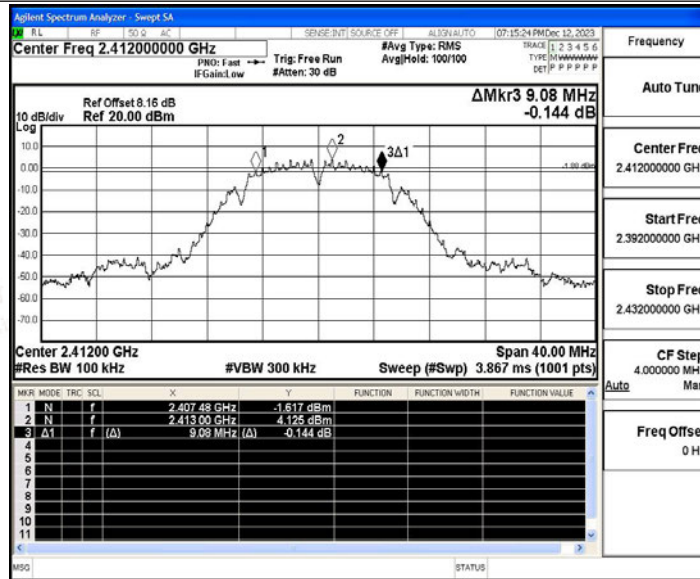
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.480	2416.560	0.5	PASS
		2437	9.560	2432.440	2442.000	0.5	PASS
		2462	9.560	2457.440	2467.000	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.560	2453.200	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.600	2404.240	2439.840	0.5	PASS
		2437	36.080	2419.080	2455.160	0.5	PASS
		2452	36.000	2434.080	2470.080	0.5	PASS



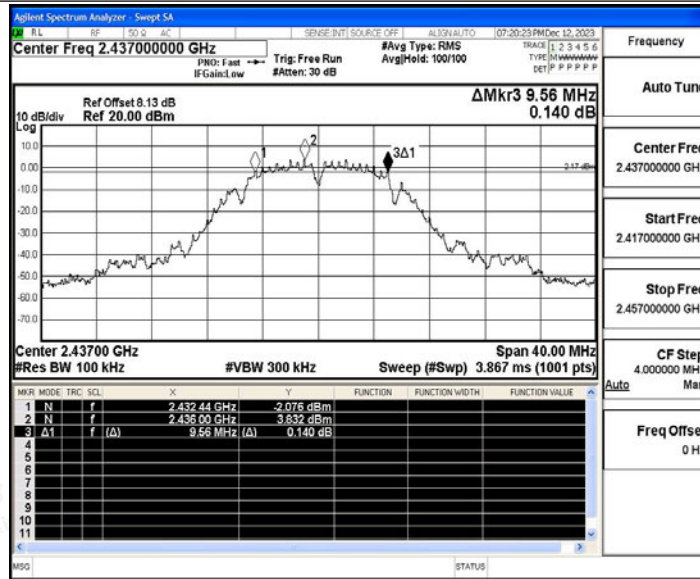


Test Graphs

11B_Ant1_2412

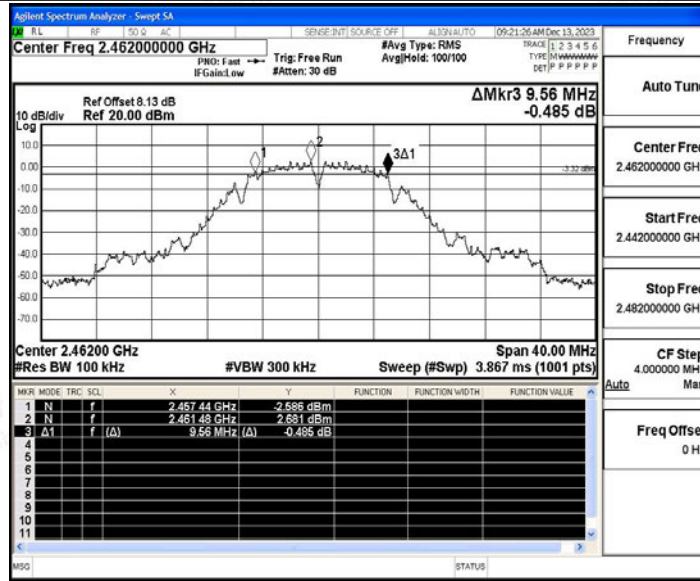


11B_Ant1_2437

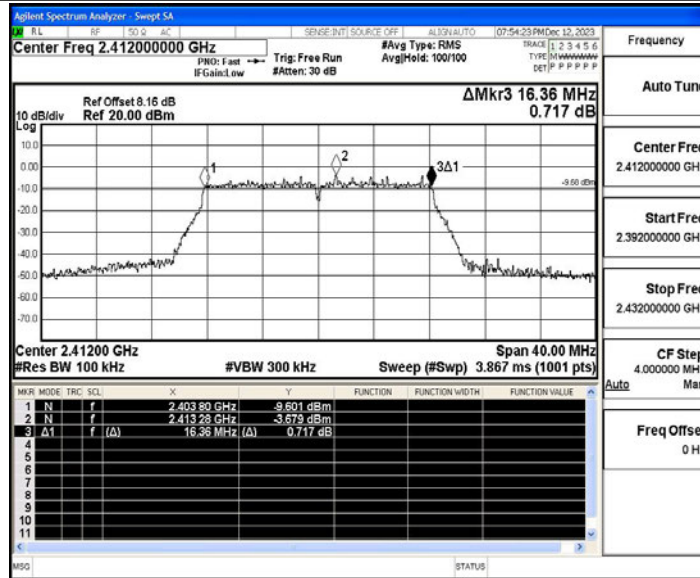


11B_Ant1_2462



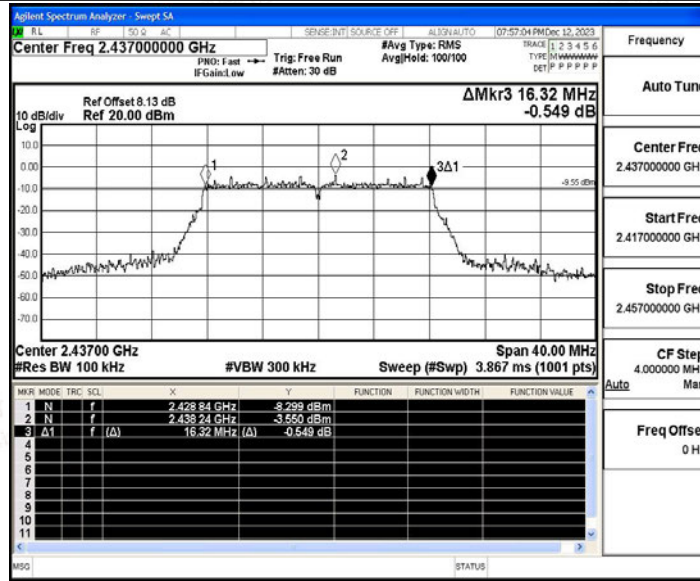


11G_Ant1_2412

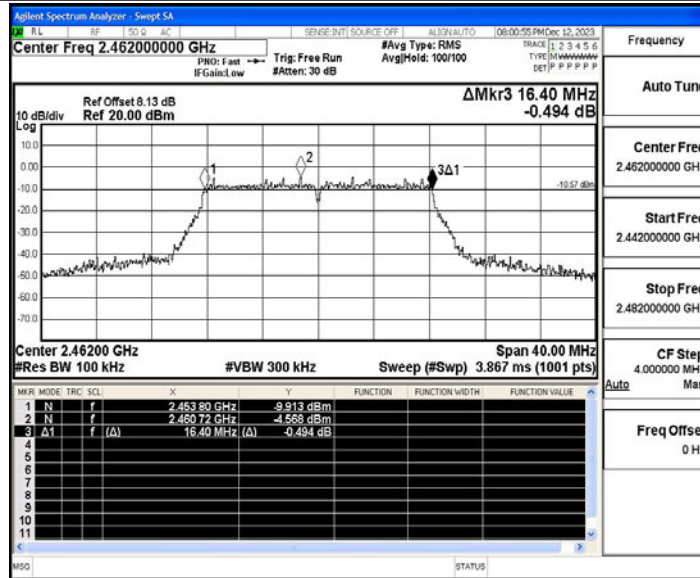


11G_Ant1_2437



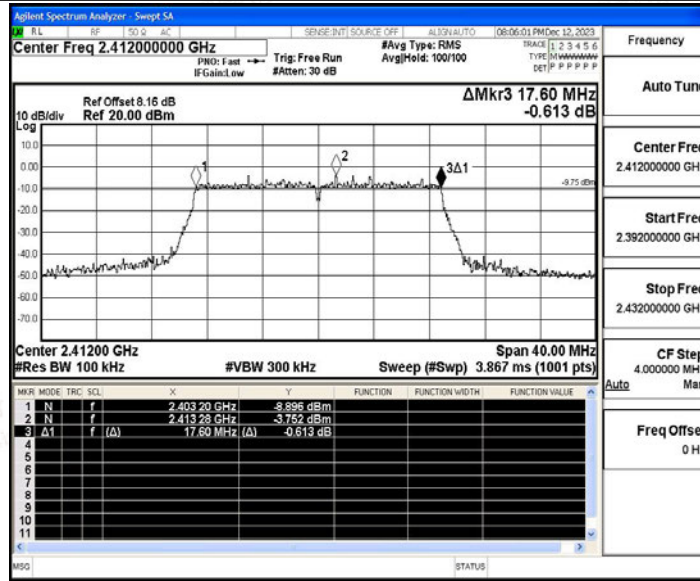


11G_Ant1_2462

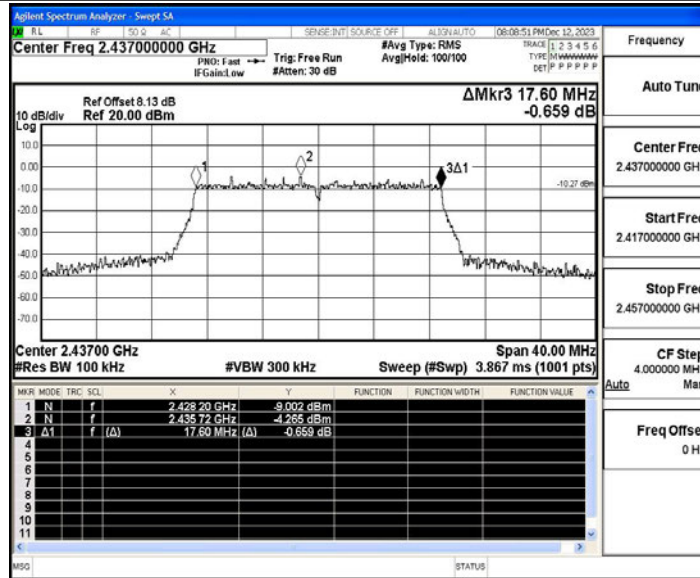


11N20SISO_Ant1_2412



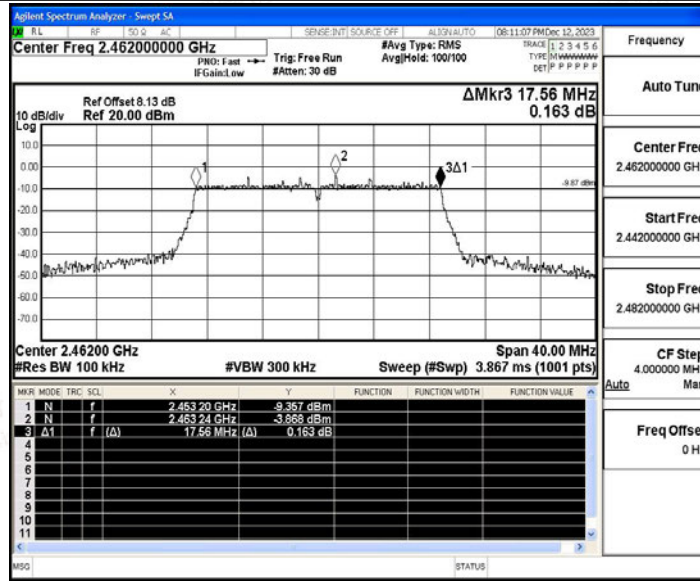


11N20SISO_Ant1_2437

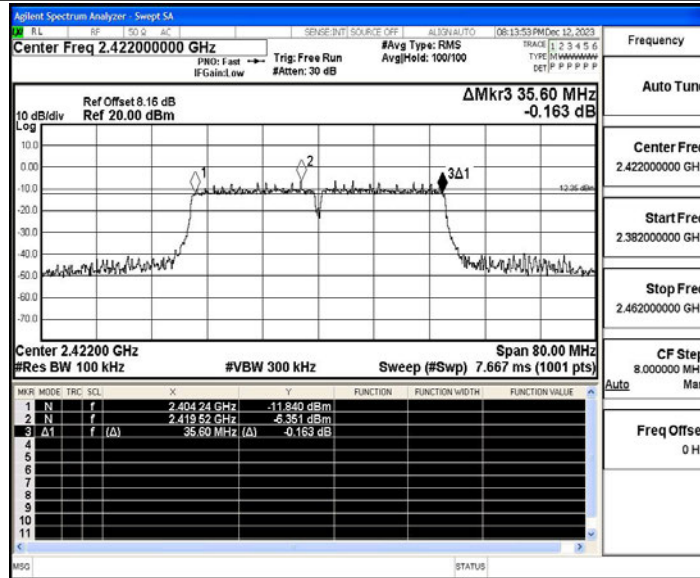


11N20SISO_Ant1_2462



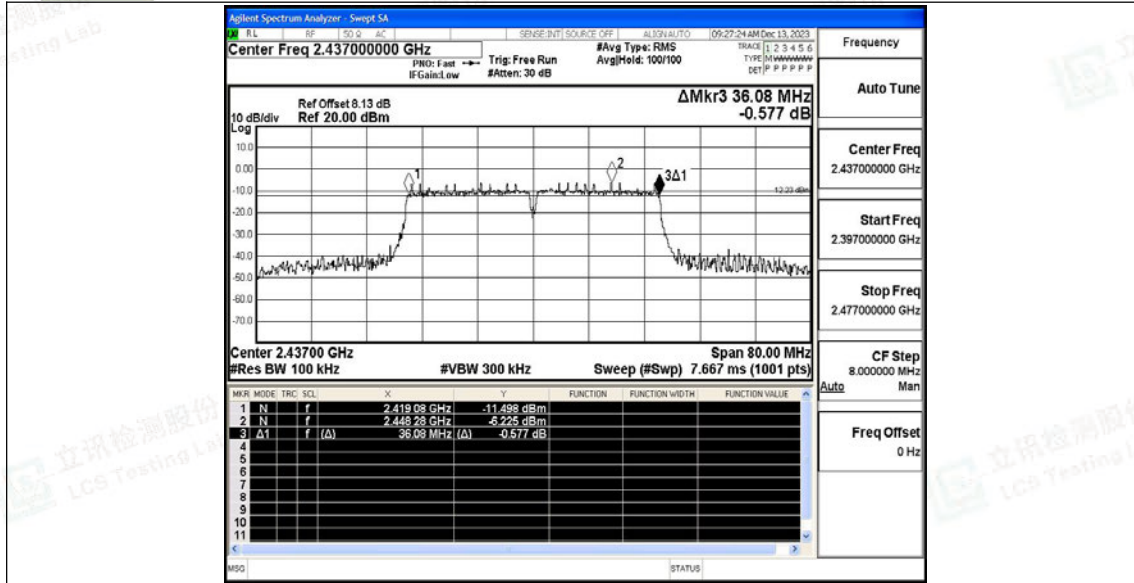


11N40SISO_Ant1_2422

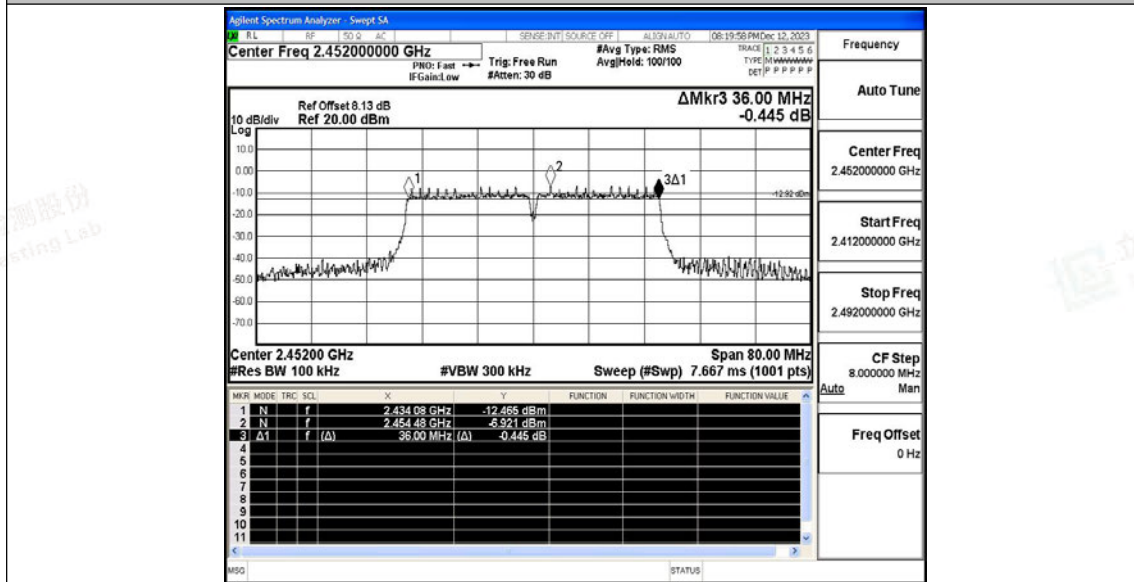


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





C.2 Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	15.70	≤30.00	PASS
		2437	15.48	≤30.00	PASS
		2462	15.12	≤30.00	PASS
11G	Ant1	2412	14.11	≤30.00	PASS
		2437	13.85	≤30.00	PASS
		2462	13.45	≤30.00	PASS
11N20SISO	Ant1	2412	14.09	≤30.00	PASS
		2437	13.83	≤30.00	PASS
		2462	13.54	≤30.00	PASS
11N40SISO	Ant1	2422	14.12	≤30.00	PASS
		2437	14.39	≤30.00	PASS
		2452	13.78	≤30.00	PASS





C.3 Maximum power spectral density

Test Result

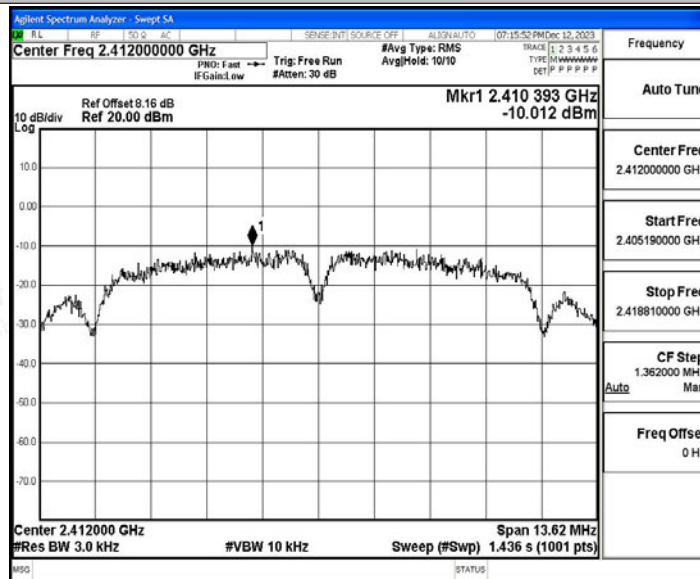
TestMode	Antenna	Freq(MHz)	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-10.01	≤8.00	PASS
		2437	-7.51	≤8.00	PASS
		2462	-9.34	≤8.00	PASS
11G	Ant1	2412	-15.97	≤8.00	PASS
		2437	-15.58	≤8.00	PASS
		2462	-18.19	≤8.00	PASS
11N20SISO	Ant1	2412	-17.88	≤8.00	PASS
		2437	-17.87	≤8.00	PASS
		2462	-18.14	≤8.00	PASS
11N40SISO	Ant1	2422	-20.02	≤8.00	PASS
		2437	-19.58	≤8.00	PASS
		2452	-21.01	≤8.00	PASS



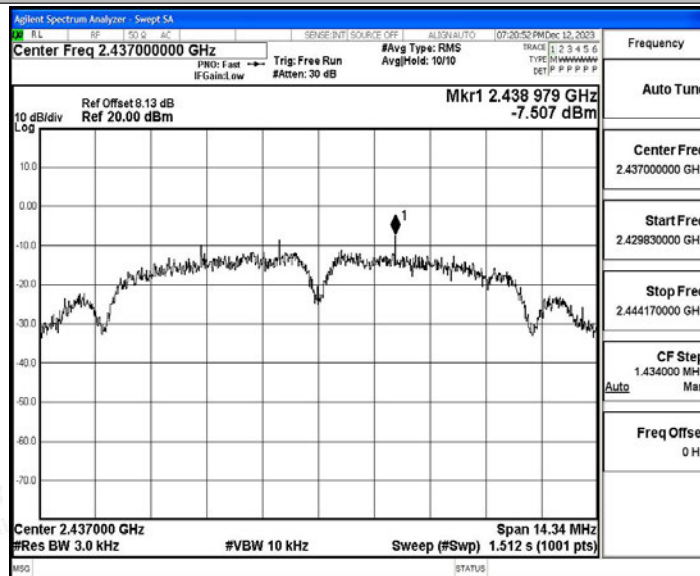


Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

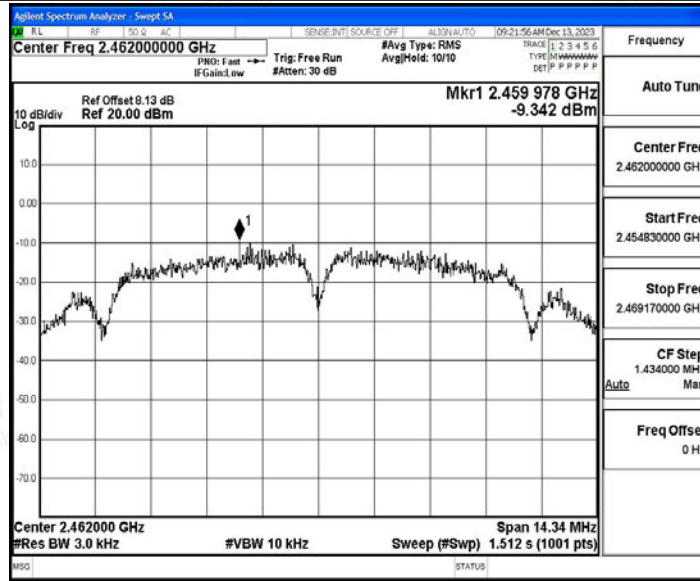


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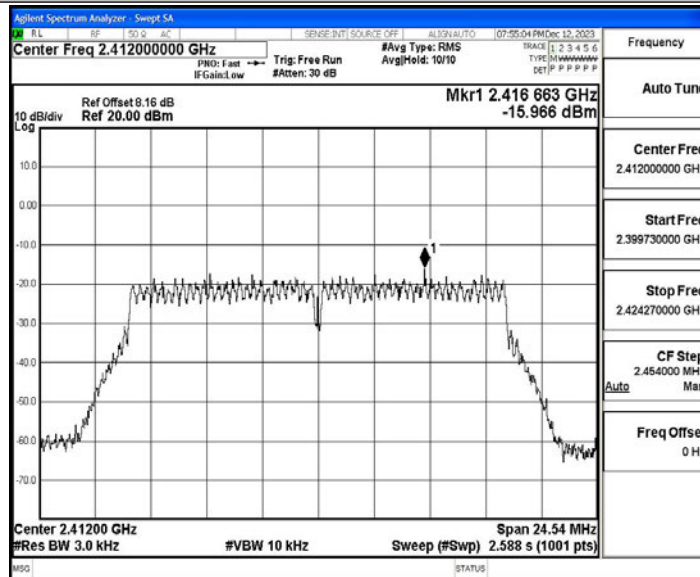
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

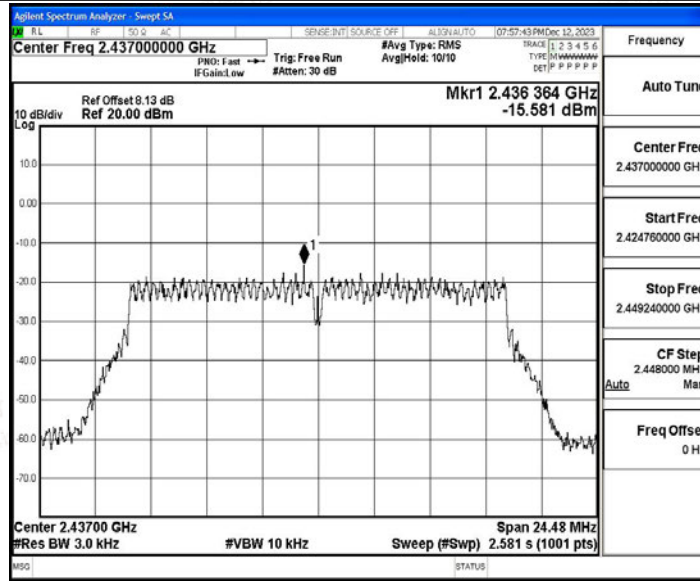


11G_Ant1_2412

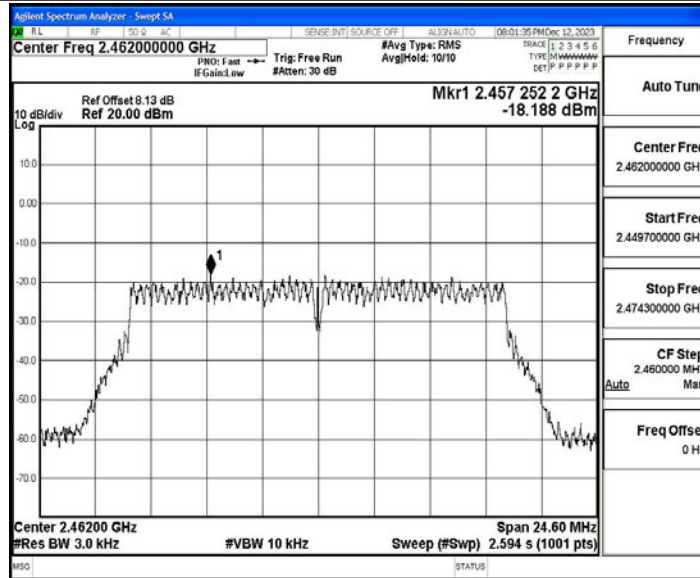


11G_Ant1_2437



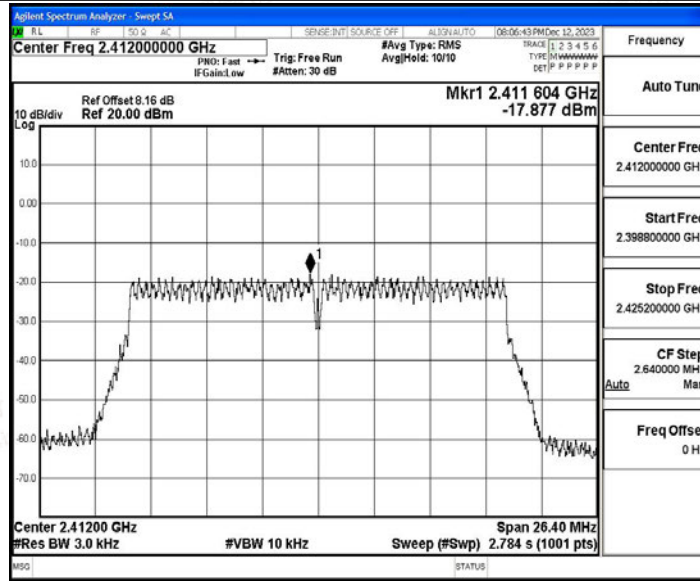


11G_Ant1_2462

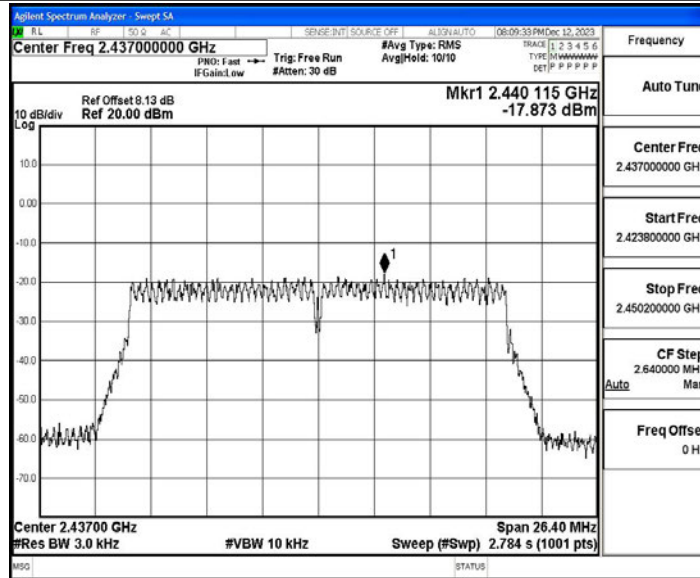


11N20SISO_Ant1_2412



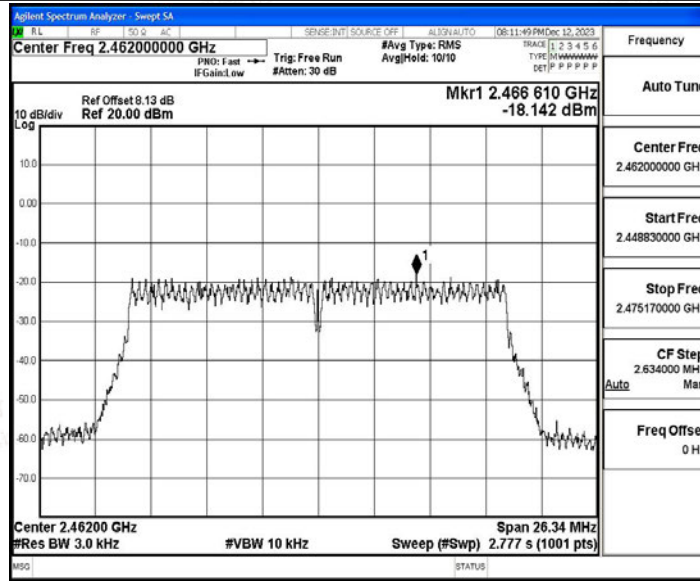


11N20SISO_Ant1_2437

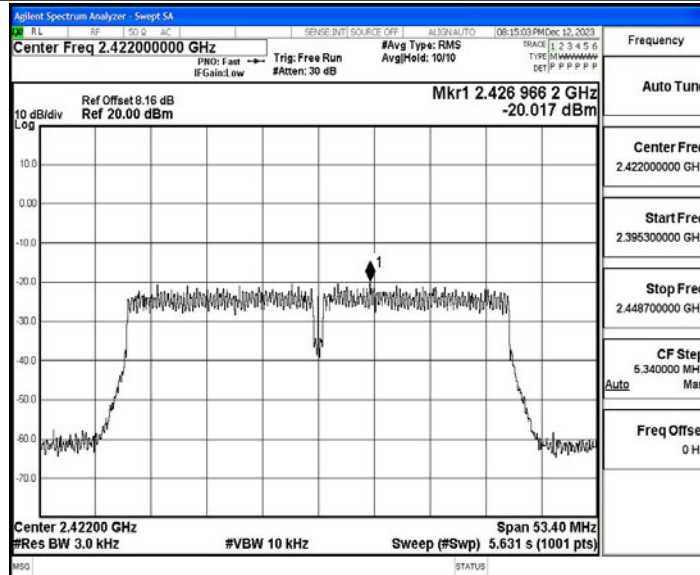


11N20SISO_Ant1_2462



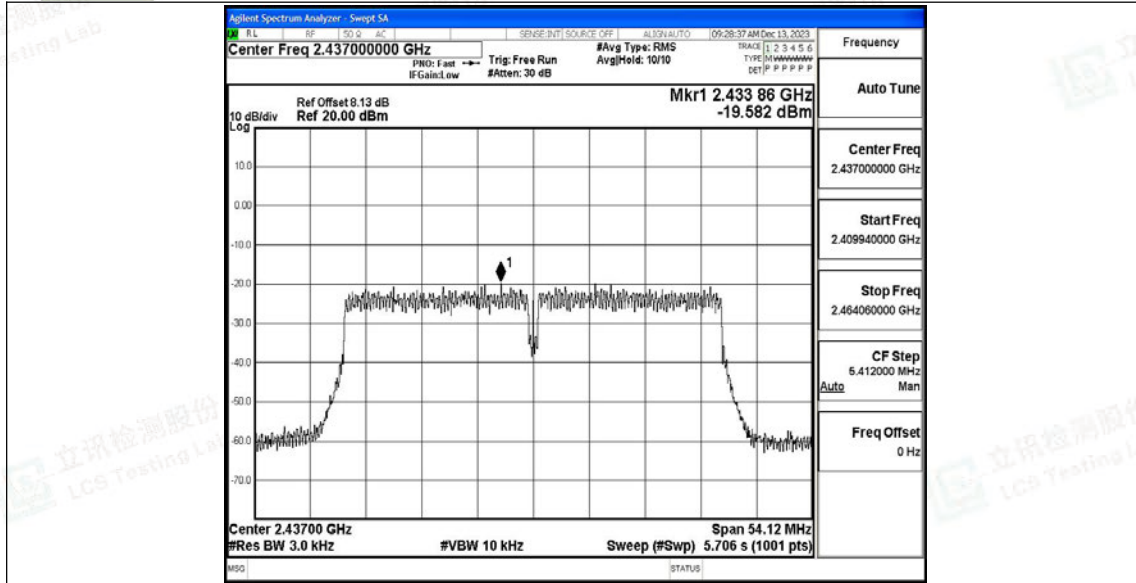


11N40SISO_Ant1_2422

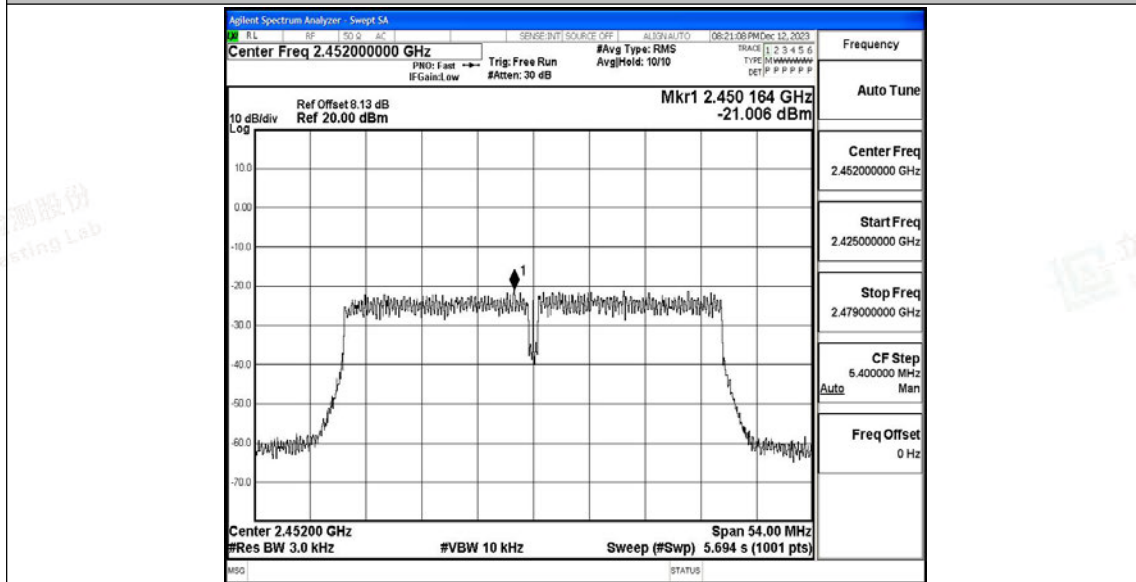


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





C.4 Band edge measurements

Test Result

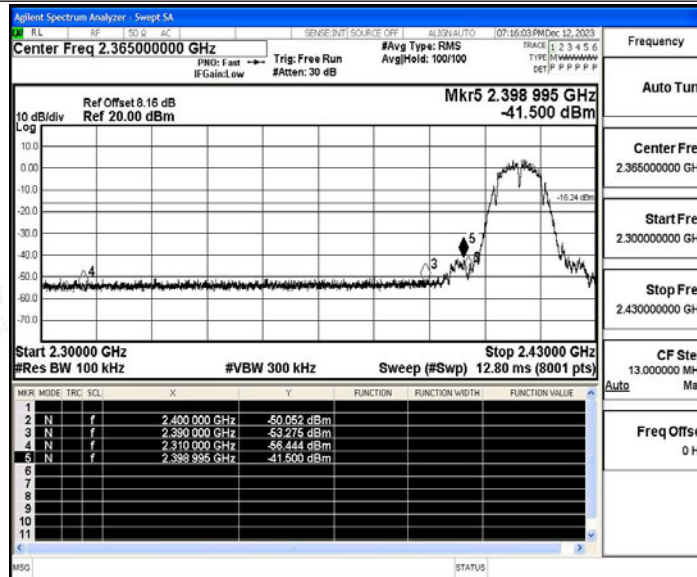
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.76	-41.5	≤-16.24	PASS
		High	2462	3.24	-50.04	≤-16.76	PASS
11G	Ant1	Low	2412	-3.86	-41.86	≤-23.86	PASS
		High	2462	-3.91	-49.14	≤-23.91	PASS
11N20SISO	Ant1	Low	2412	-3.31	-41.06	≤-23.31	PASS
		High	2462	-4.45	-48.59	≤-24.45	PASS
11N40SISO	Ant1	Low	2422	-6.32	-40.95	≤-26.32	PASS
		High	2452	-6.91	-41.55	≤-26.91	PASS



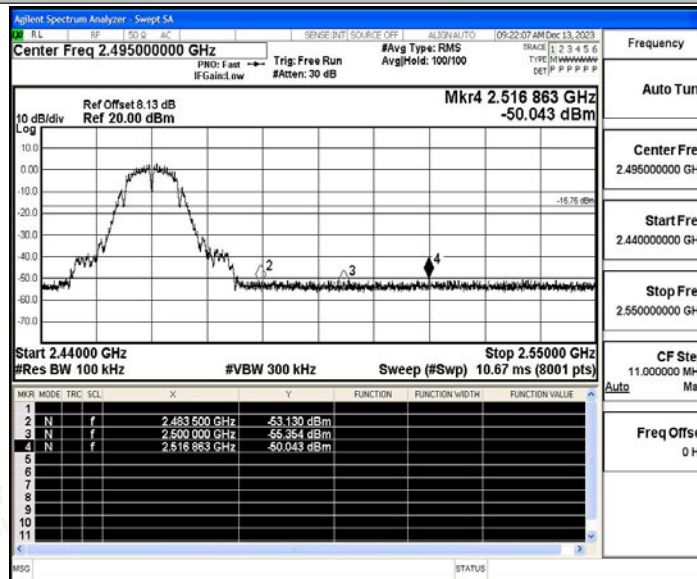


Test Graphs

11B_Ant1_Low_2412

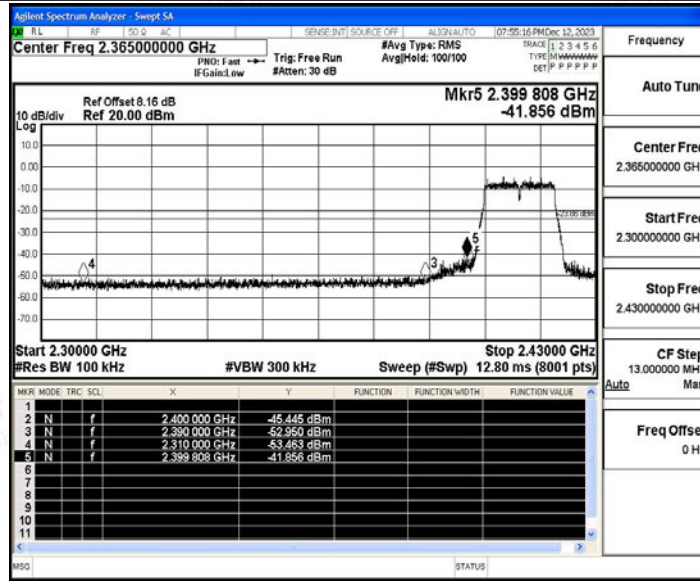


11B_Ant1_High_2462

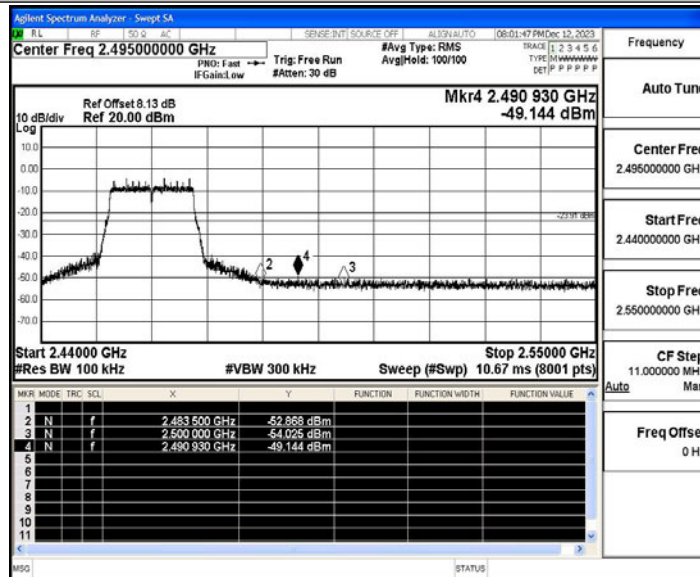


11G_Ant1_Low_2412



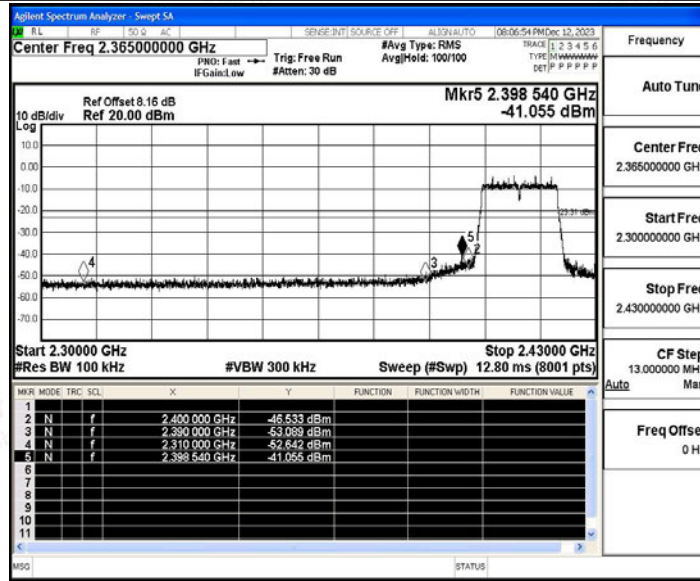


11G_Ant1_High_2462

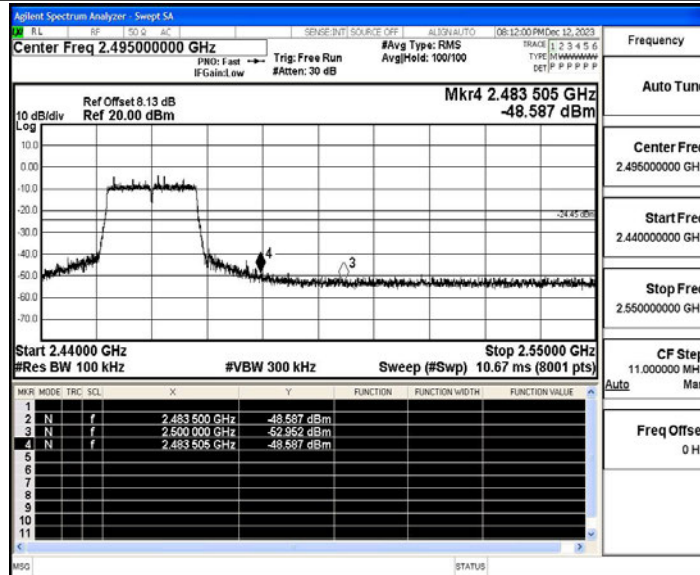


11N20SISO_Ant1_Low_2412



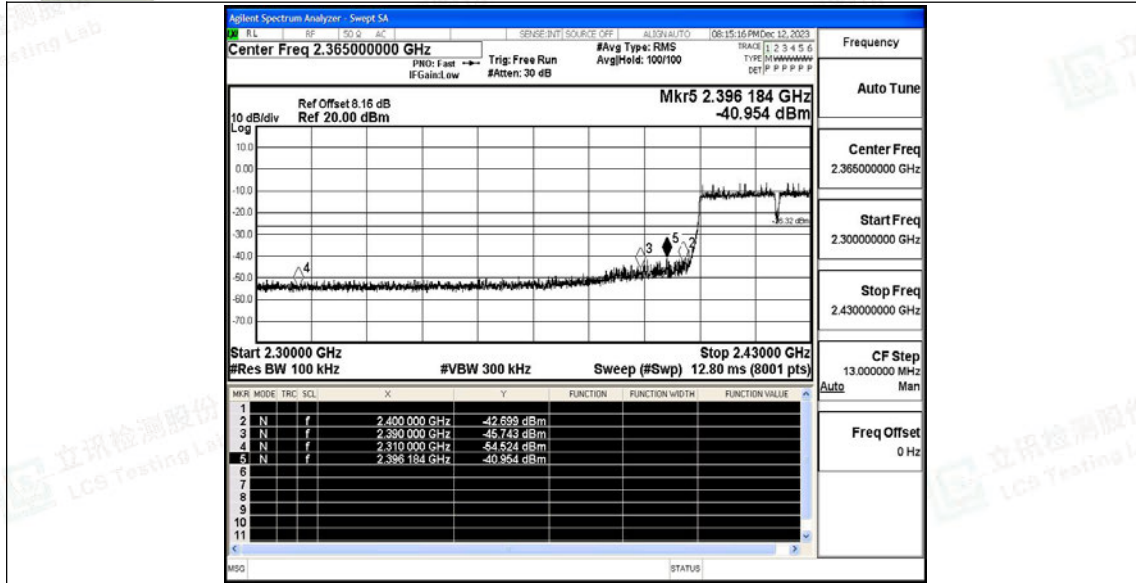


11N20SISO_Ant1_High_2462

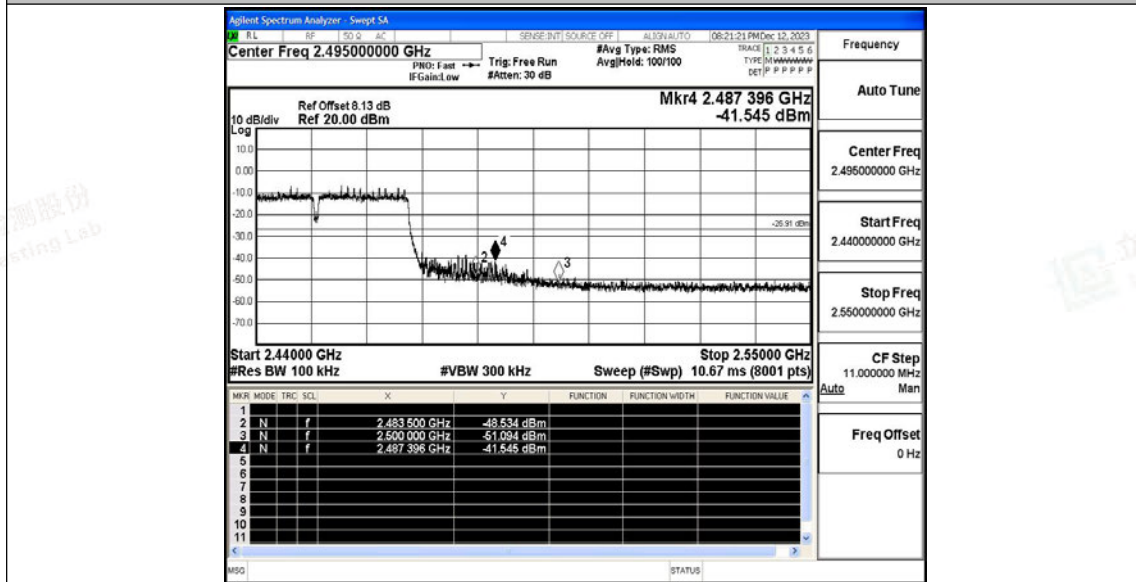


11N40SISO_Ant1_Low_2422





11N40SISO_Ant1_High_2452





C.5 Conducted Spurious Emission

Test Result

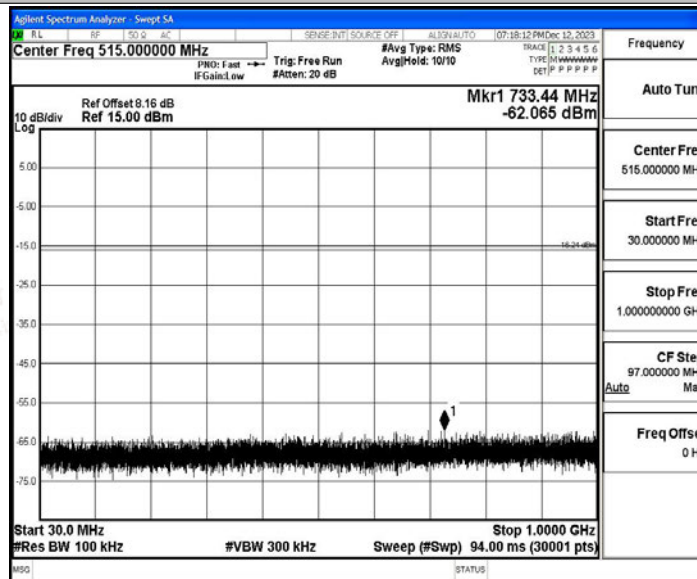
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	3.76	-62.07	≤-16.24	PASS
			1000~26500	3.76	-48.67	≤-16.24	PASS
		2437	30~1000	3.82	-61.84	≤-16.18	PASS
			1000~26500	3.82	-46.89	≤-16.18	PASS
		2462	30~1000	3.24	-61.81	≤-16.76	PASS
			1000~26500	3.24	-49.28	≤-16.76	PASS
11G	Ant1	2412	30~1000	-3.86	-61.92	≤-23.86	PASS
			1000~26500	-3.86	-40.35	≤-23.86	PASS
		2437	30~1000	-3.90	-61.07	≤-23.9	PASS
			1000~26500	-3.90	-48.47	≤-23.9	PASS
		2462	30~1000	-3.91	-61.49	≤-23.91	PASS
			1000~26500	-3.91	-48.19	≤-23.91	PASS
11N20SISO	Ant1	2412	30~1000	-3.31	-61.83	≤-23.31	PASS
			1000~26500	-3.31	-49.18	≤-23.31	PASS
		2437	30~1000	-4.25	-61.89	≤-24.25	PASS
			1000~26500	-4.25	-48.97	≤-24.25	PASS
		2462	30~1000	-4.45	-62.23	≤-24.45	PASS
			1000~26500	-4.45	-49	≤-24.45	PASS
11N40SISO	Ant1	2422	30~1000	-6.32	-60.86	≤-26.32	PASS
			1000~26500	-6.32	-48.82	≤-26.32	PASS
		2437	30~1000	-6.06	-61.55	≤-26.06	PASS
			1000~26500	-6.06	-48.5	≤-26.06	PASS
		2452	30~1000	-6.91	-59.03	≤-26.91	PASS
			1000~26500	-6.91	-48.98	≤-26.91	PASS



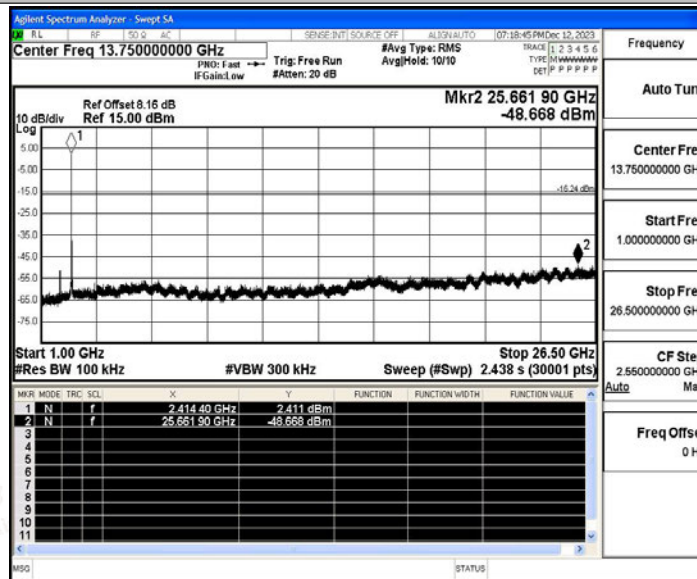


Test Graphs

11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant1_2437_30~1000

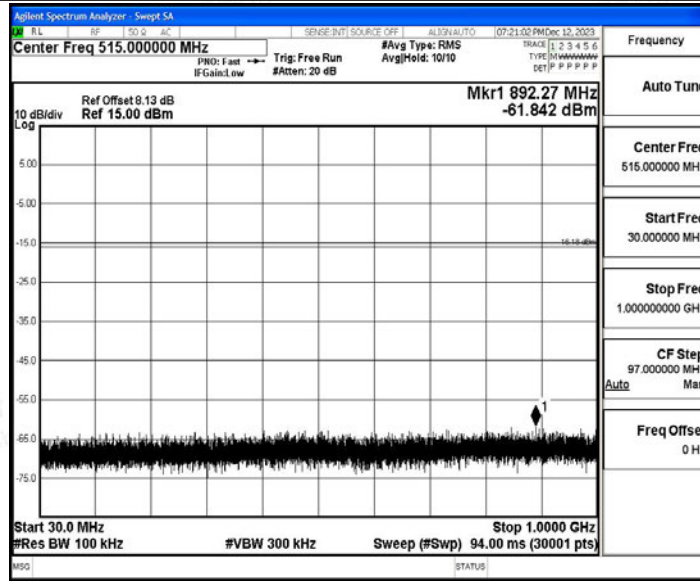


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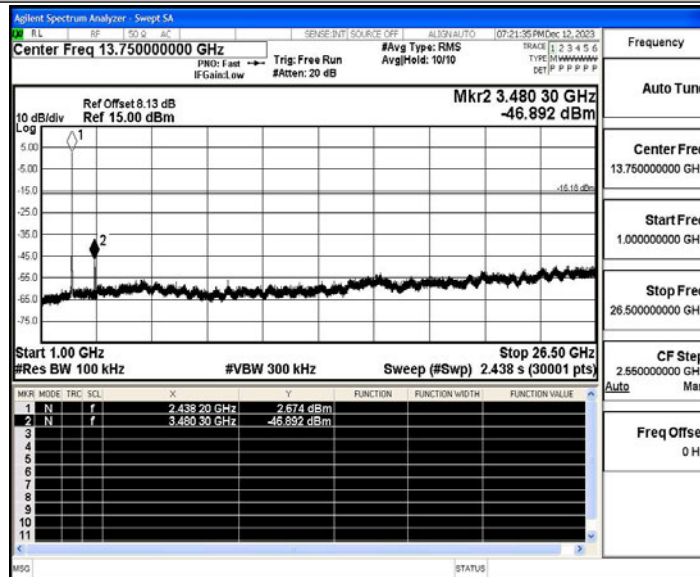
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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

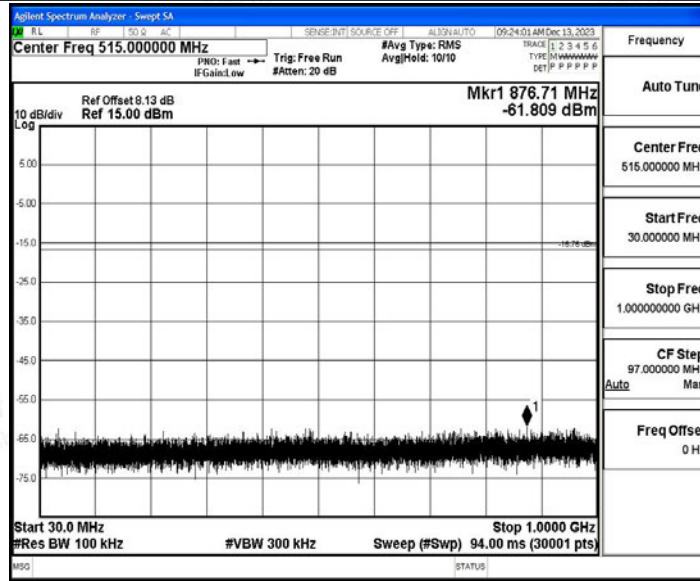


11B_Ant1_2437_1000~26500

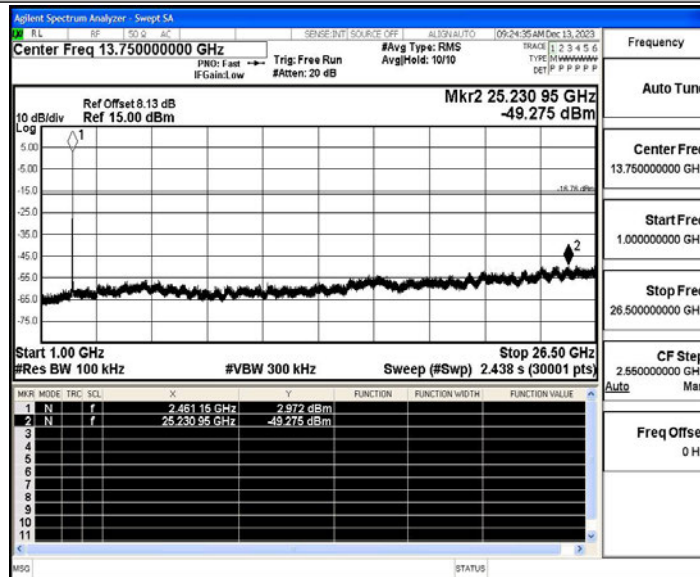


11B_Ant1_2462_30~1000



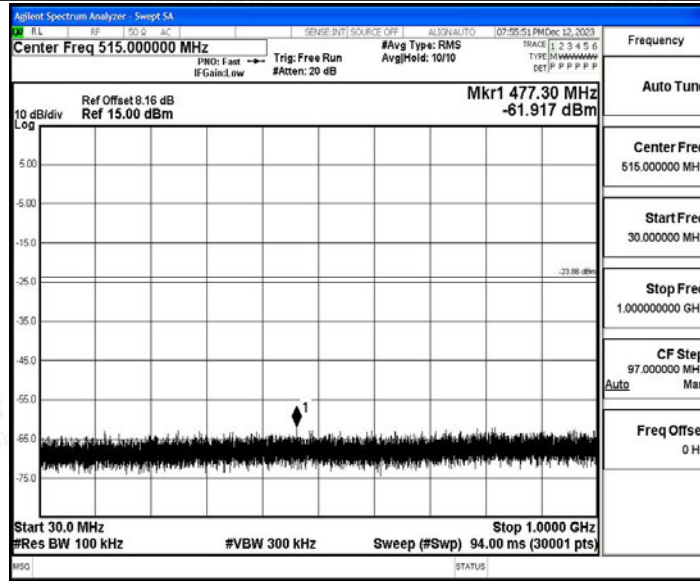


11B_Ant1_2462_1000~26500

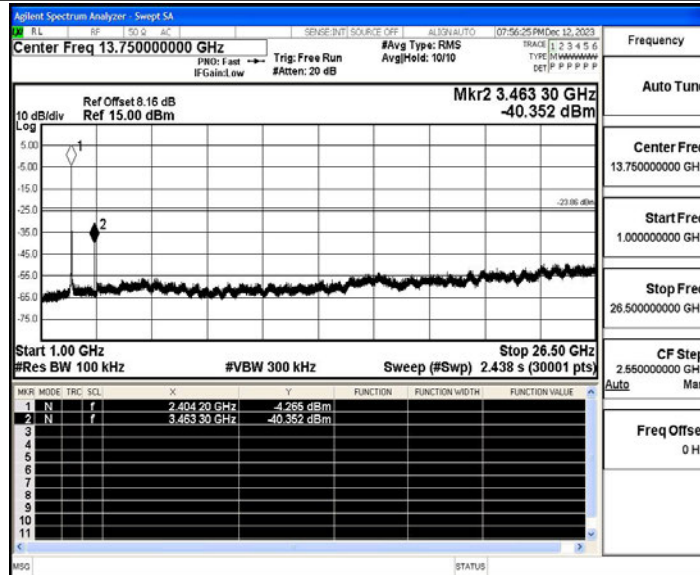


11G_Ant1_2412_30~1000



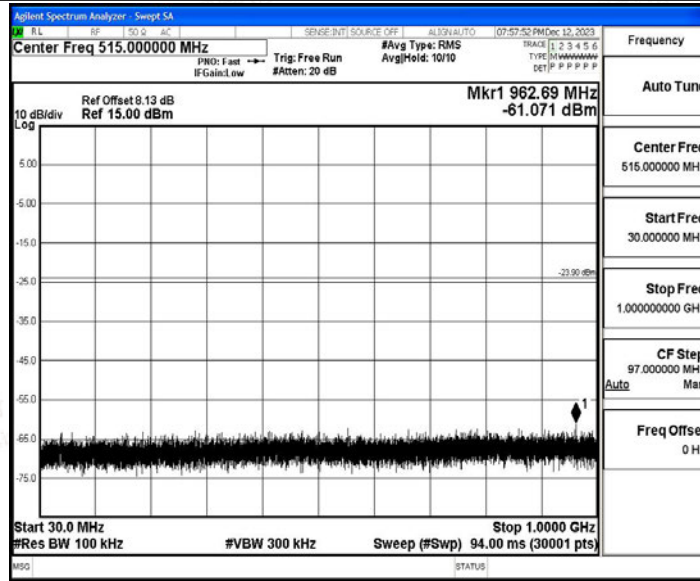


11G_Ant1_2412_1000~26500

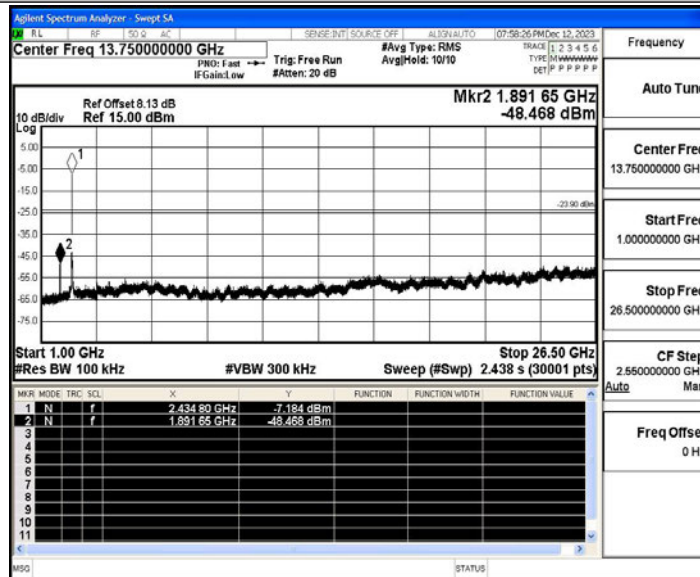


11G_Ant1_2437_30~1000



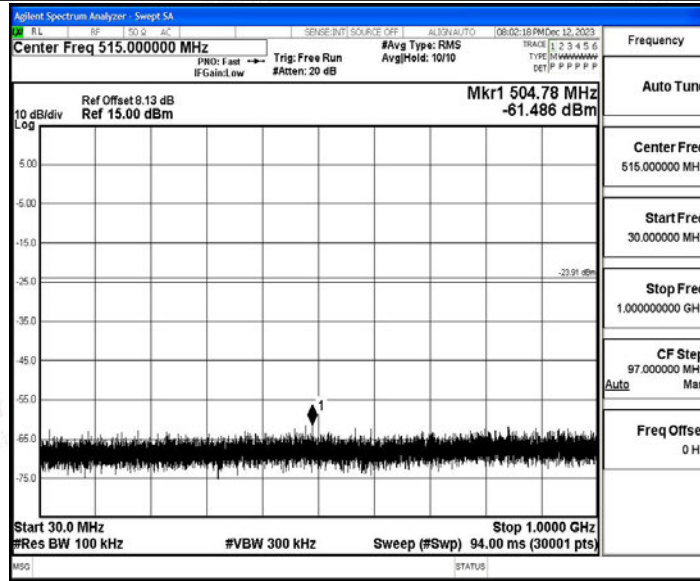


11G_Ant1_2437_1000~26500

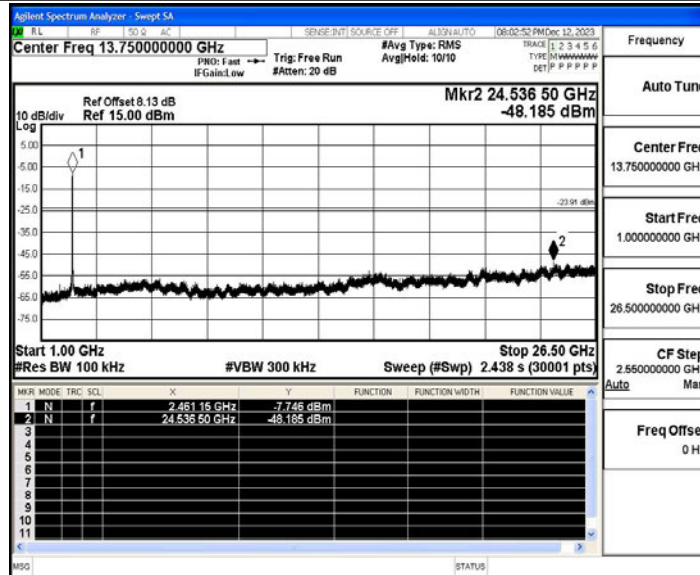


11G_Ant1_2462_30~1000



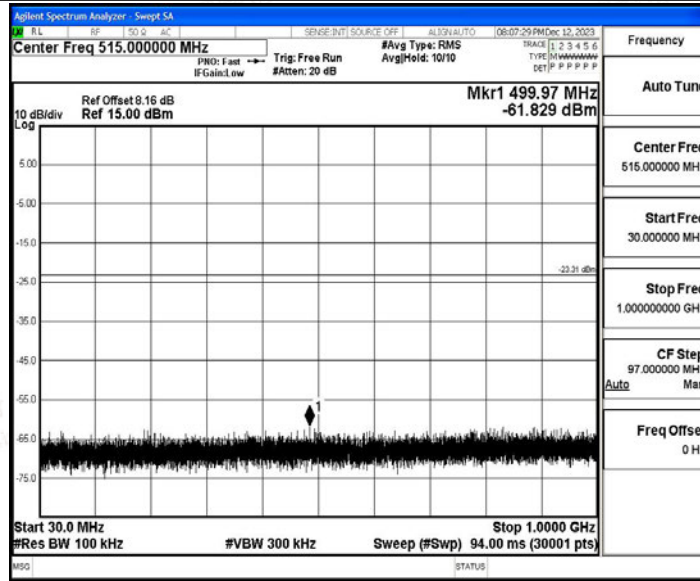


11G_Ant1_2462_1000~26500

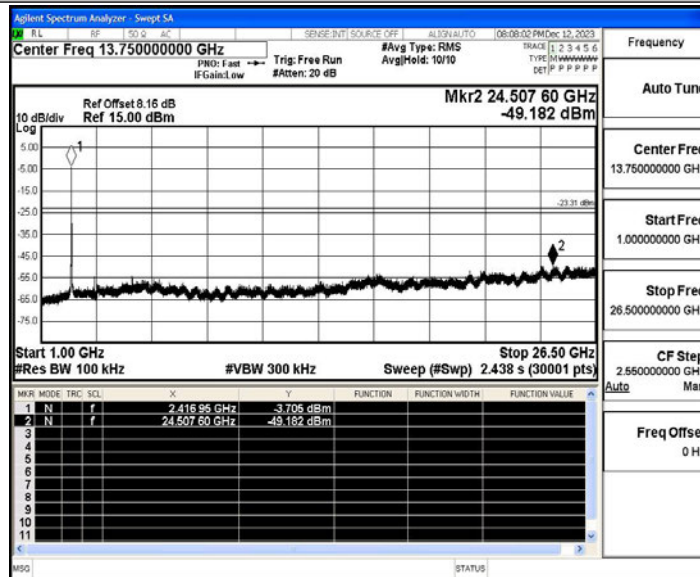


11N20SISO_Ant1_2412_30~1000



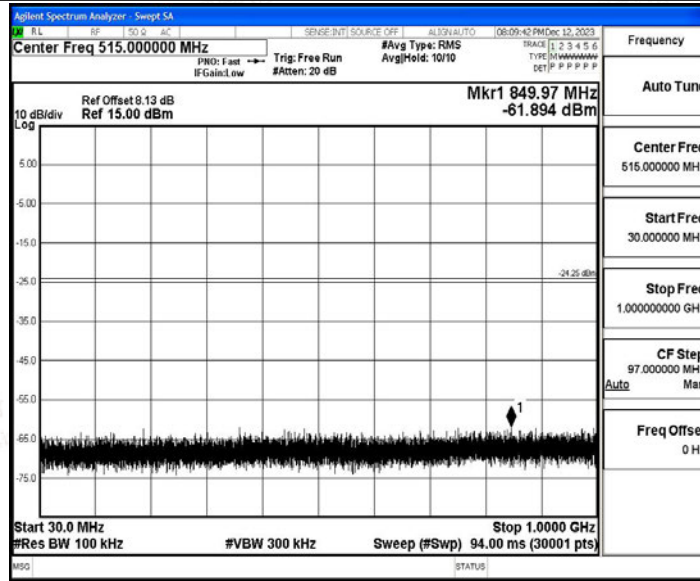


11N20SISO_Ant1_2412_1000~26500

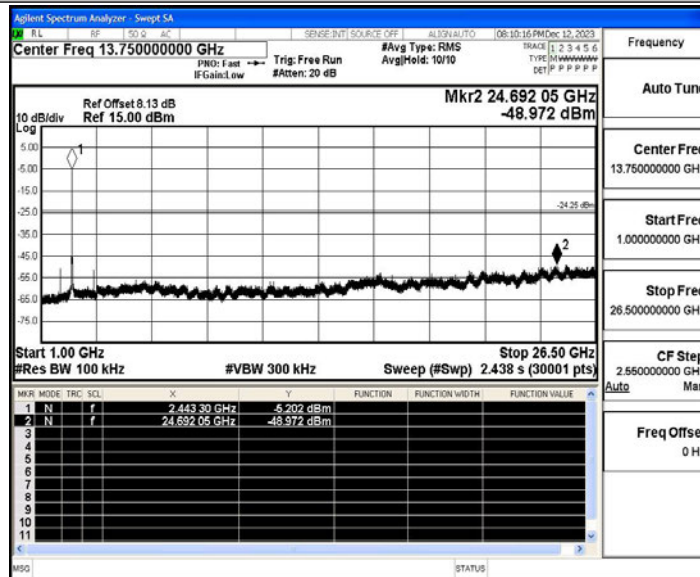


11N20SISO_Ant1_2437_30~1000



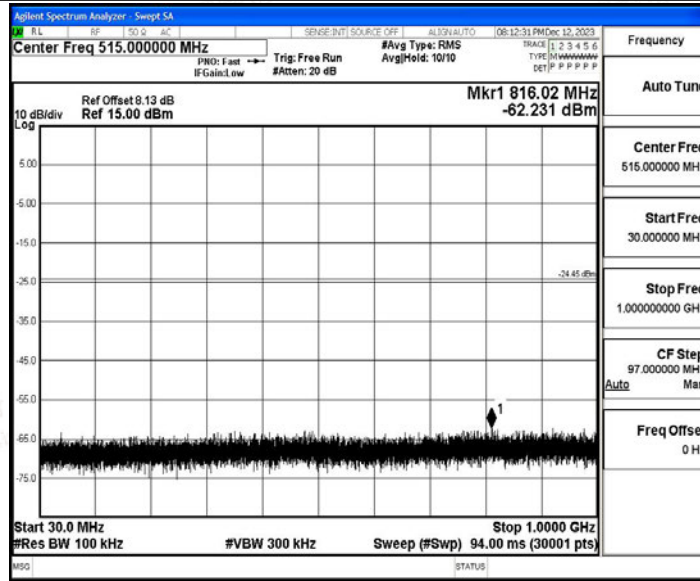


11N20SISO_Ant1_2437_1000~26500

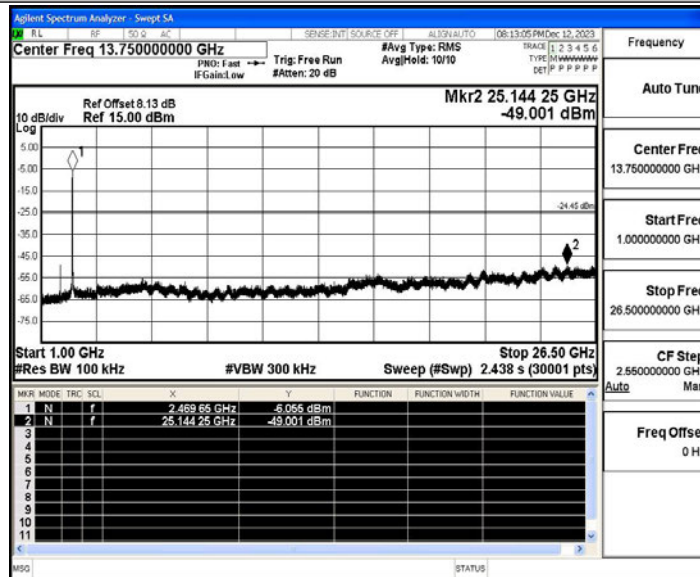


11N20SISO_Ant1_2462_30~1000



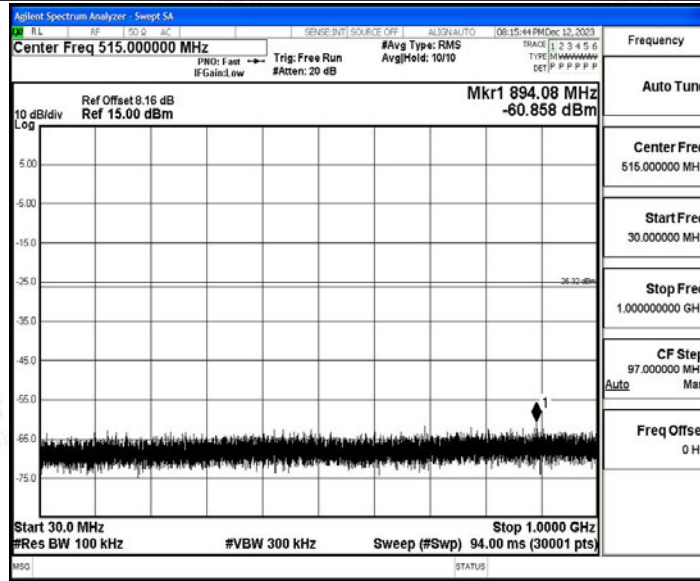


11N20SISO_Ant1_2462_1000~26500

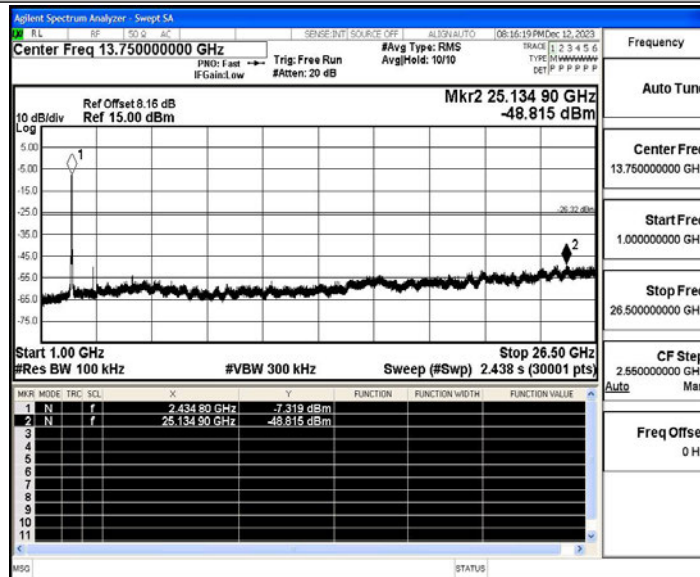


11N40SISO_Ant1_2422_30~1000



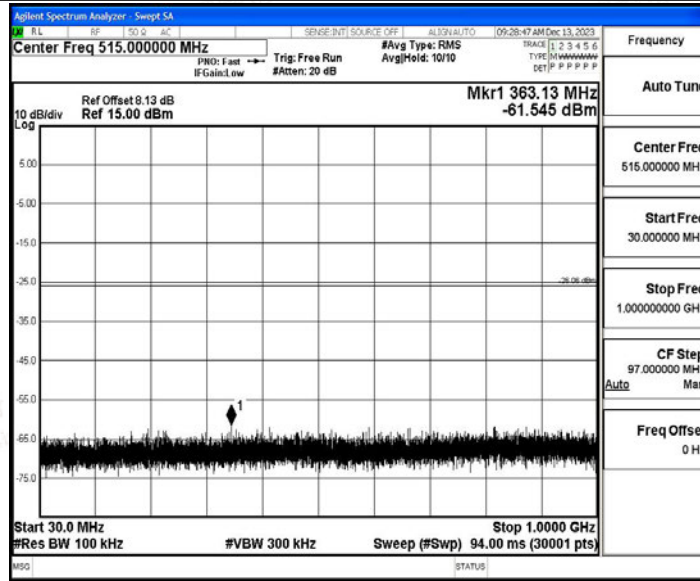


11N40SISO_Ant1_2422_1000~26500

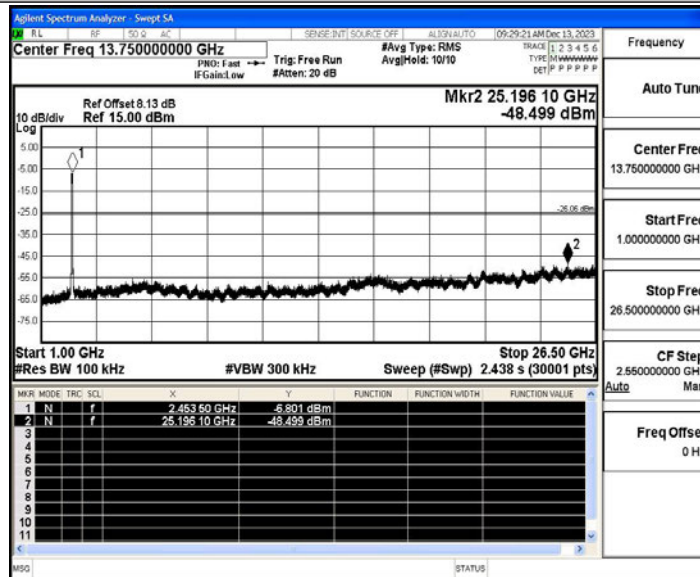


11N40SISO_Ant1_2437_30~1000



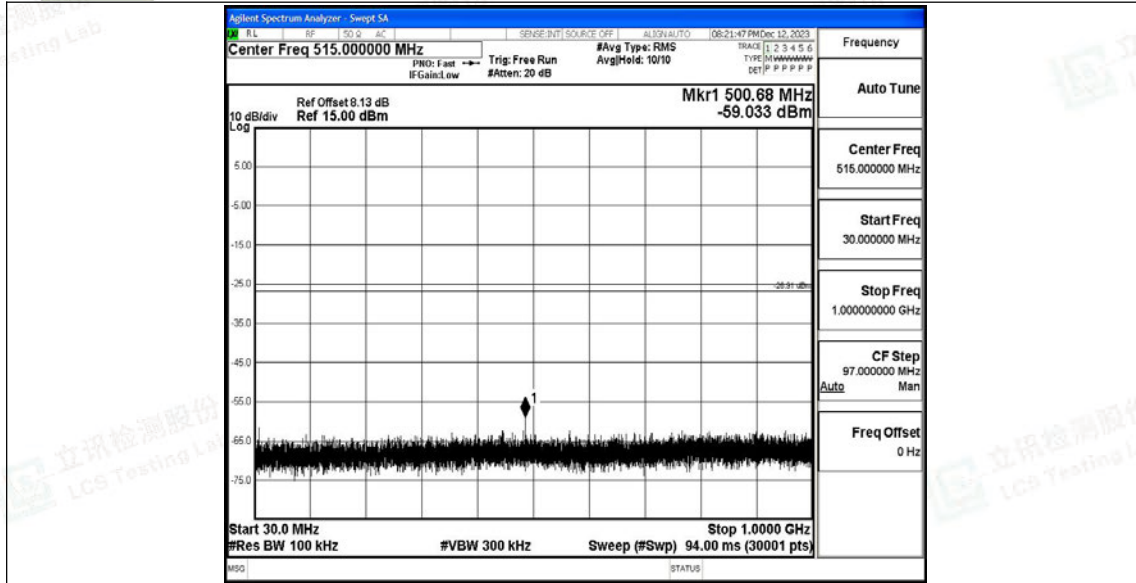


11N40SISO_Ant1_2437_1000~26500

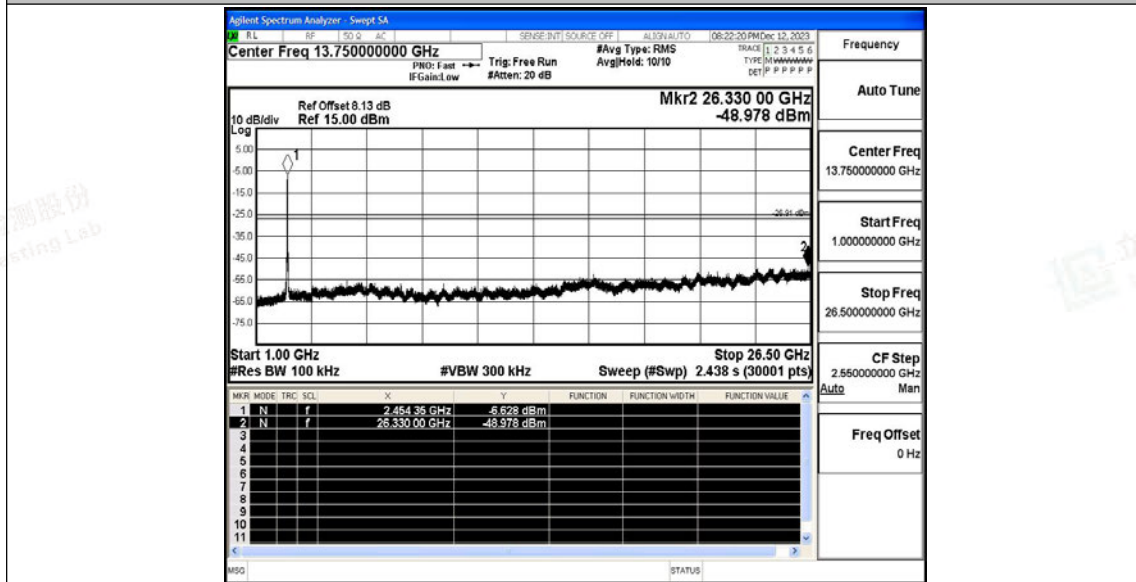


11N40SISO_Ant1_2452_30~1000





11N40SISO_Ant1_2452_1000~26500





Reference level measurement

Test Result

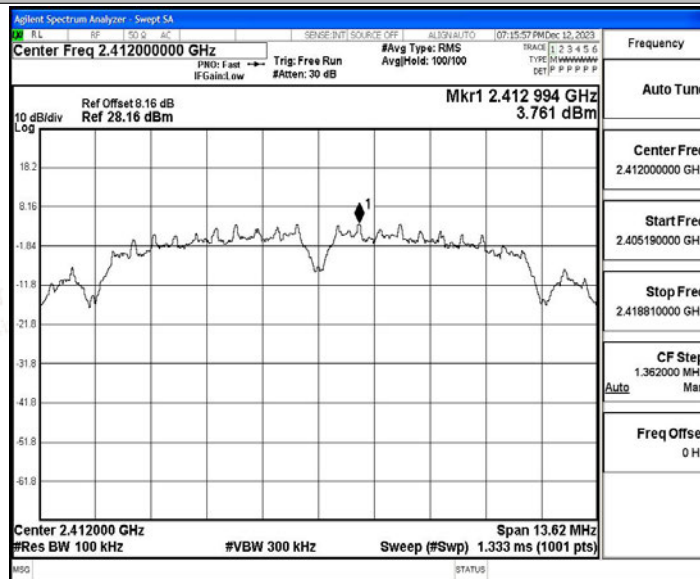
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.99	3.76
		2437	2436.00	3.82
		2462	2461.50	3.24
11G	Ant1	2412	2414.48	-3.86
		2437	2441.97	-3.90
		2462	2463.25	-3.91
11N20SISO	Ant1	2412	2413.24	-3.31
		2437	2432.01	-4.25
		2462	2469.48	-4.45
11N40SISO	Ant1	2422	2424.51	-6.32
		2437	2441.98	-6.06
		2452	2449.46	-6.91



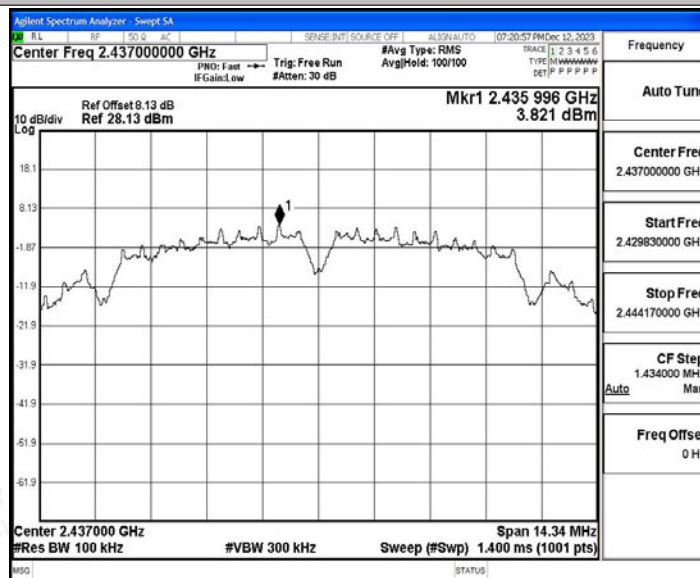


Test Graphs

11B_Ant1_2412

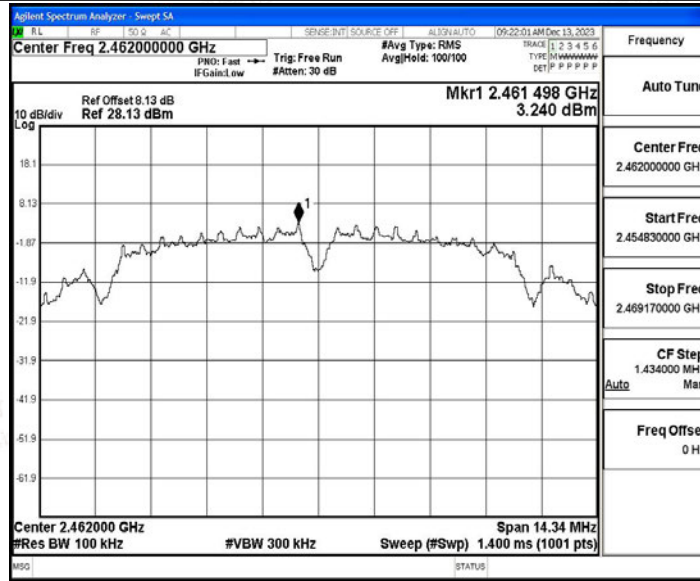


11B_Ant1_2437

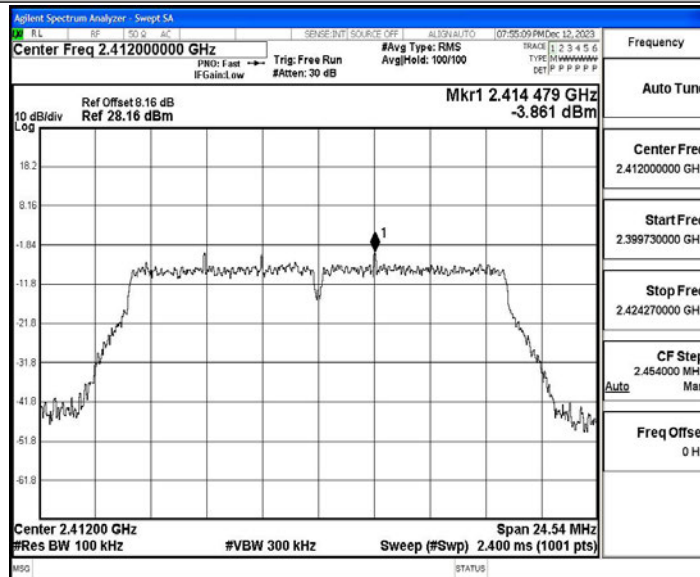


11B_Ant1_2462



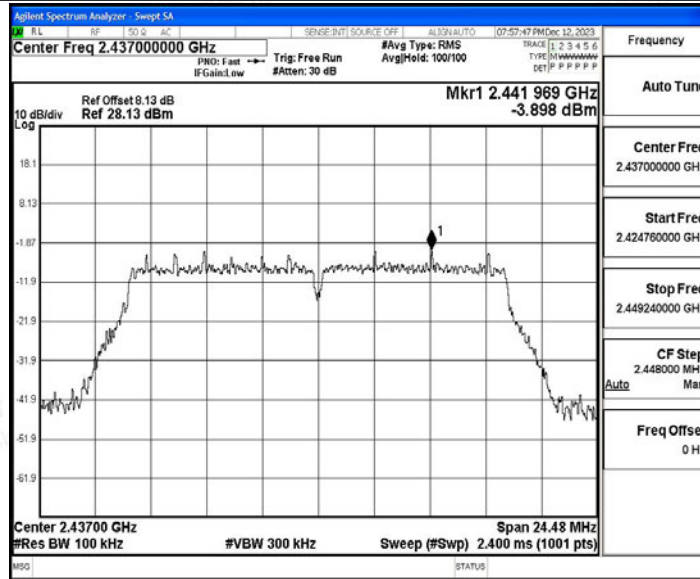


11G_Ant1_2412

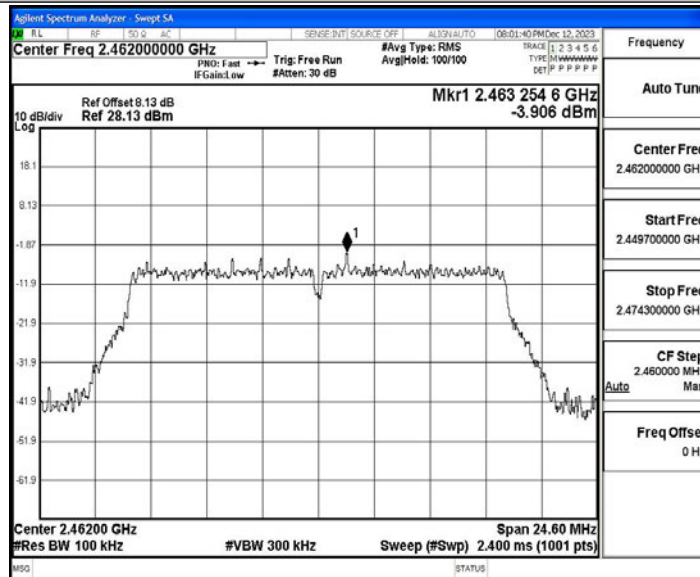


11G_Ant1_2437



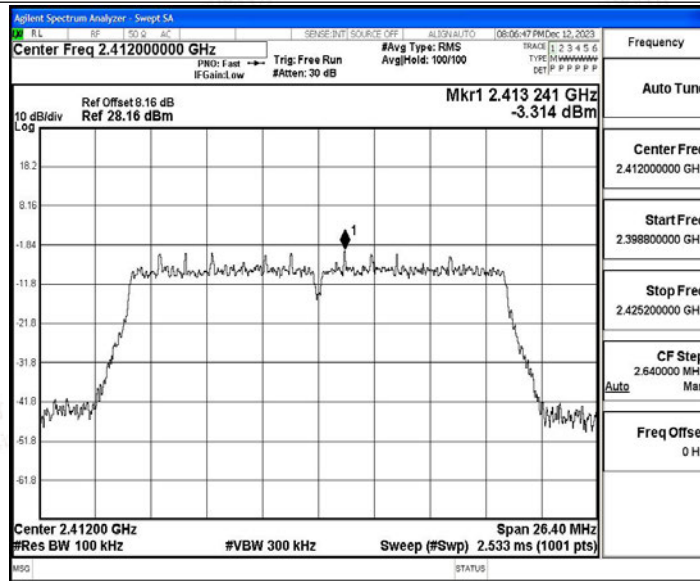


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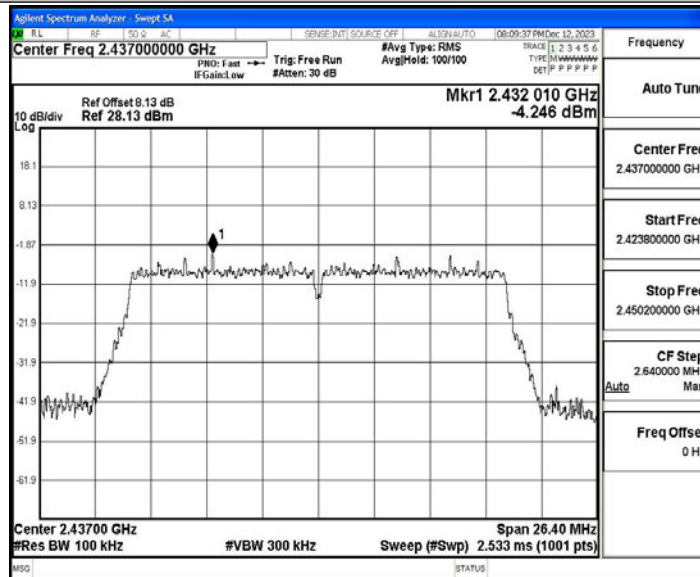


11N20SISO_Ant1_2412





11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



