



Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Kids camera

Test Model: IE50-NOC

Environmental Conditions

Temperature:	23.8 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	monkey.Li Monkey Li
Supervised by:	Li Li Huan





A.1 DTS Bandwidth

Test Result

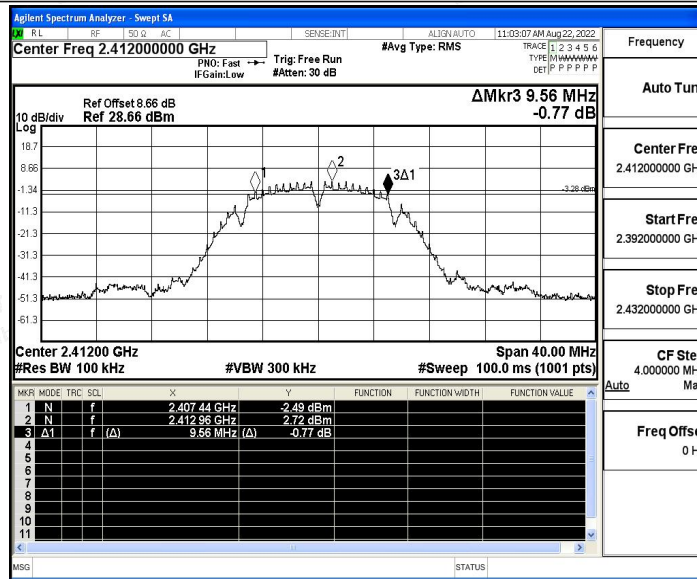
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.560	2407.440	2417.000	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS



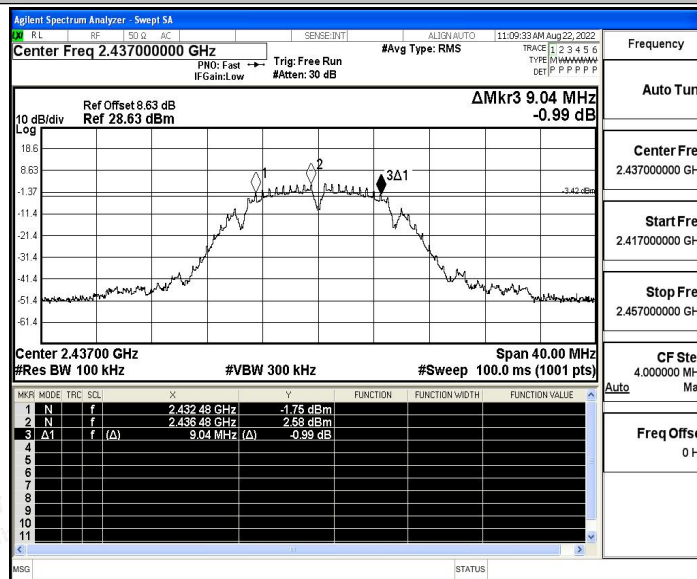


Test Graphs

11B_Ant1_2412

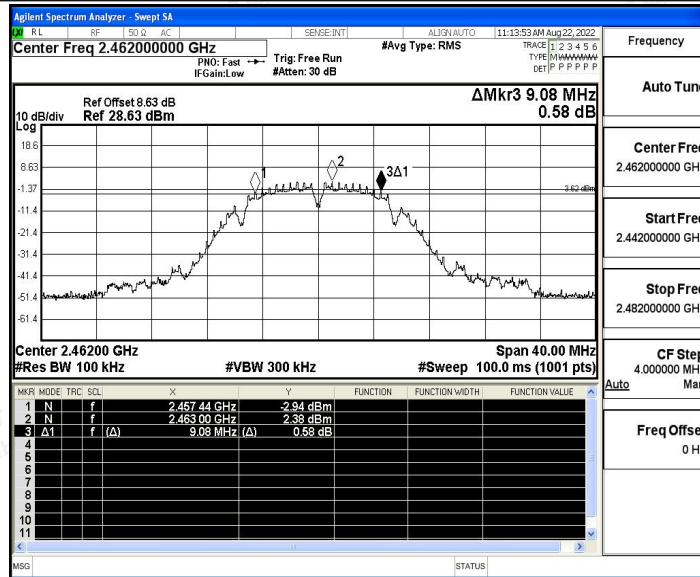


11B_Ant1_2437

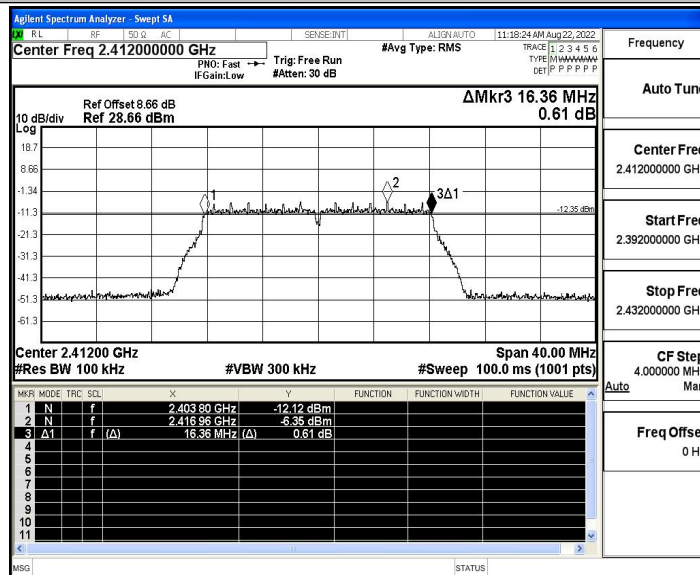


11B_Ant1_2462



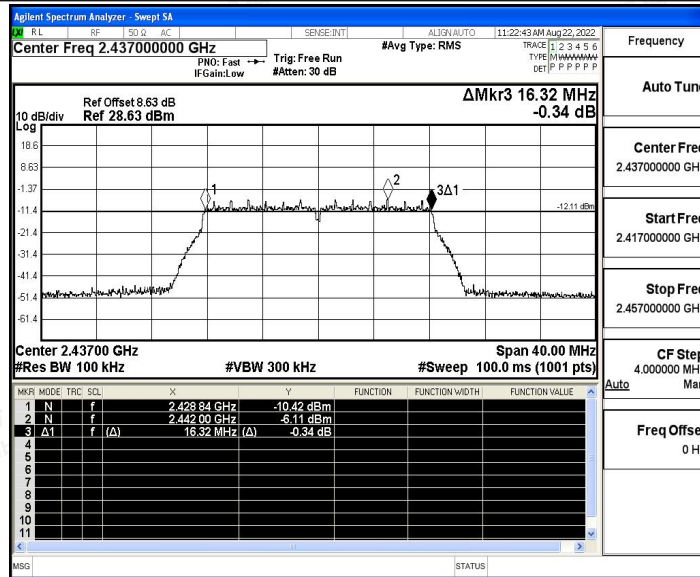


11G_Ant1_2412

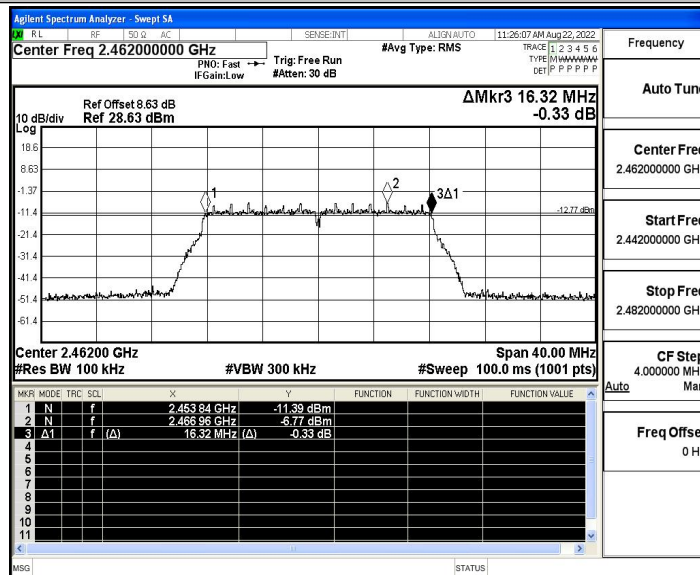


11G_Ant1_2437





11G_Ant1_2462





A.2 Maximum conducted output power

Test Result

TestMode	Antenna	Freq(MHz)	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	14.61	≤30.00	PASS
		2437	14.24	≤30.00	PASS
		2462	14.04	≤30.00	PASS
11G	Ant1	2412	13.30	≤30.00	PASS
		2437	13.53	≤30.00	PASS
		2462	12.87	≤30.00	PASS





A.3 Maximum power spectral density

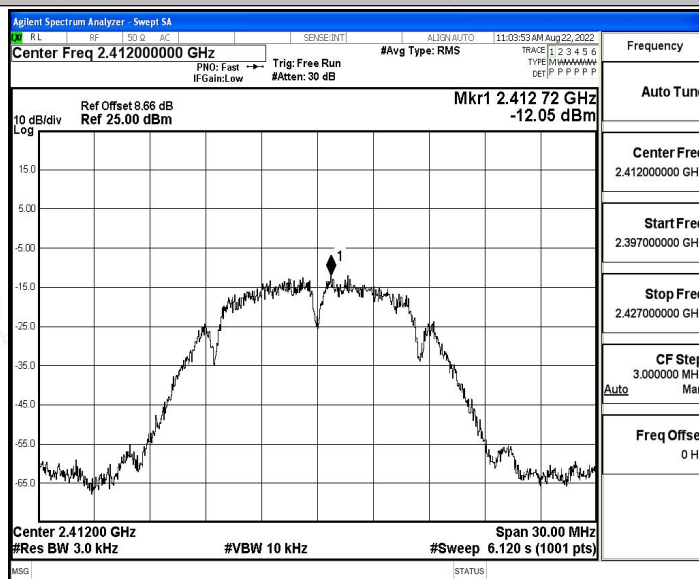
Test Result

TestMode	Antenna	Freq(MHz)	EIRP [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-12.05	8	PASS
		2437	-11.79	8	PASS
		2462	-11.94	8	PASS
11G	Ant1	2412	-20.75	8	PASS
		2437	-20.05	8	PASS
		2462	-20.11	8	PASS

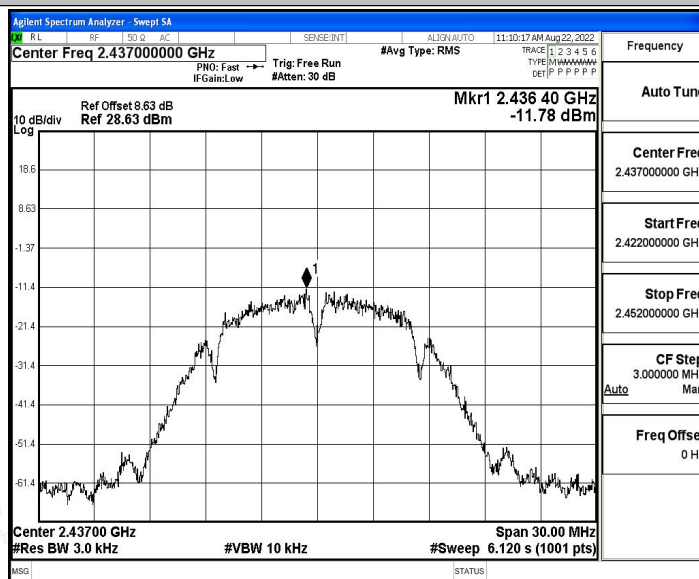


Test Graphs

11B Ant1 2412

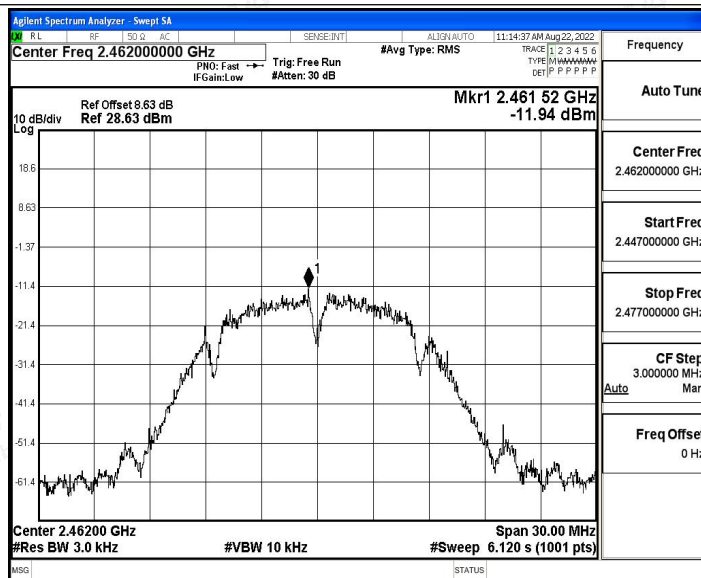


11B Ant1 2437

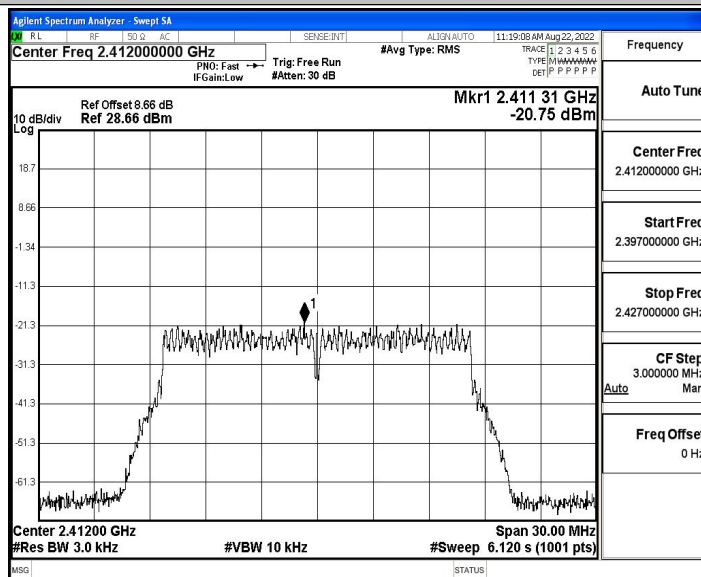


11B Ant1 2462



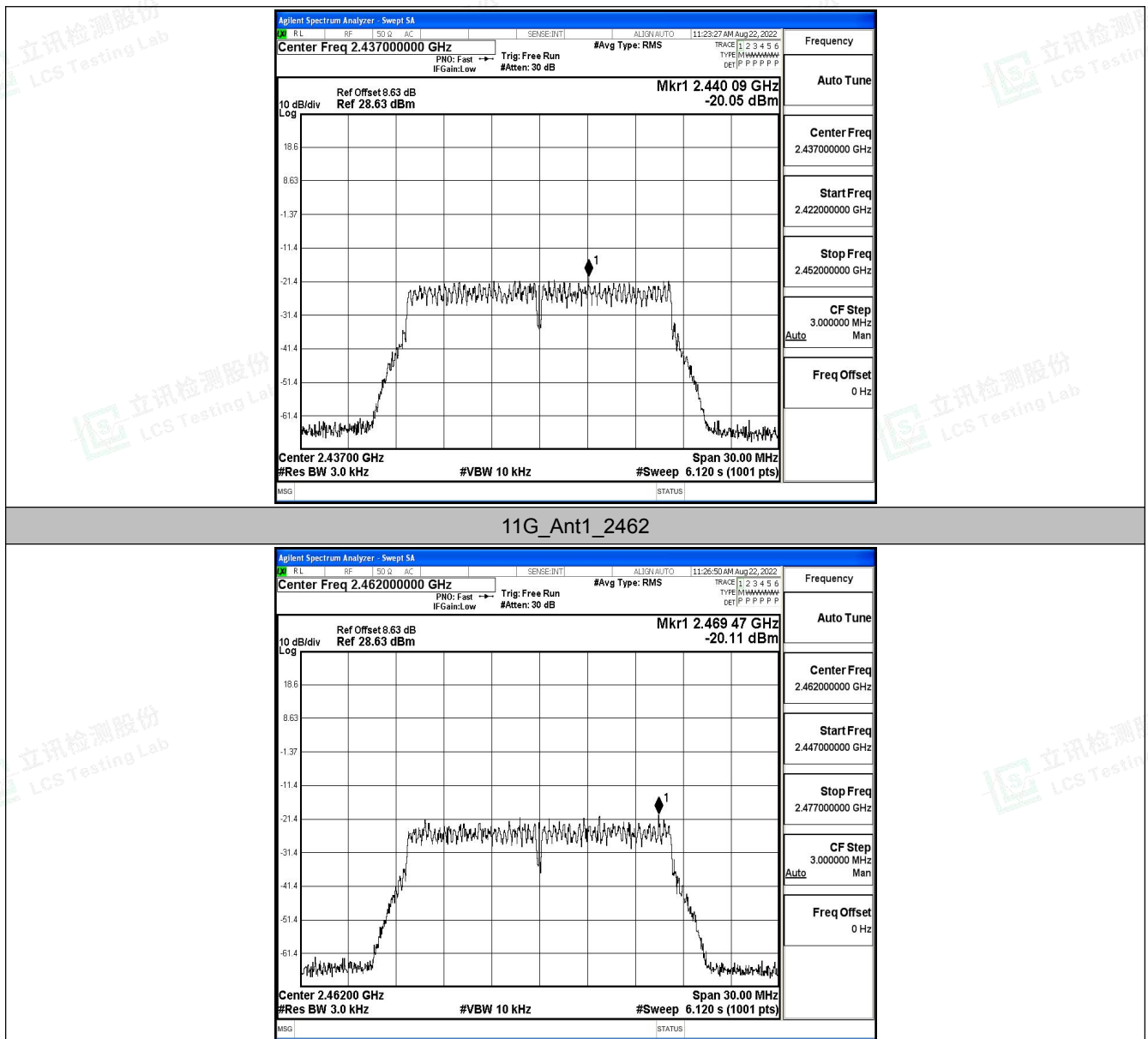


11G_Ant1_2412



11G_Ant1_2437







A.4 Band edge measurements

Test Result

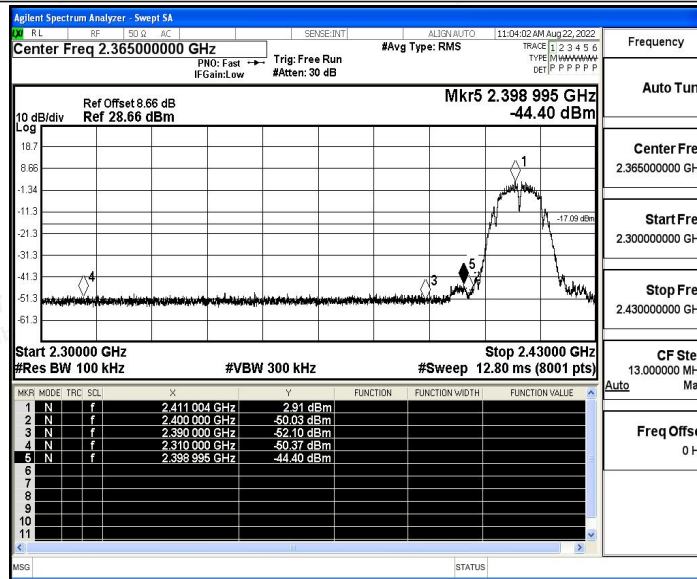
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.91	-44.4	≤-17.09	PASS
		High	2462	2.03	-47.42	≤-17.97	PASS
11G	Ant1	Low	2412	-6.39	-47.89	≤-26.39	PASS
		High	2462	-6.28	-47.33	≤-26.28	PASS



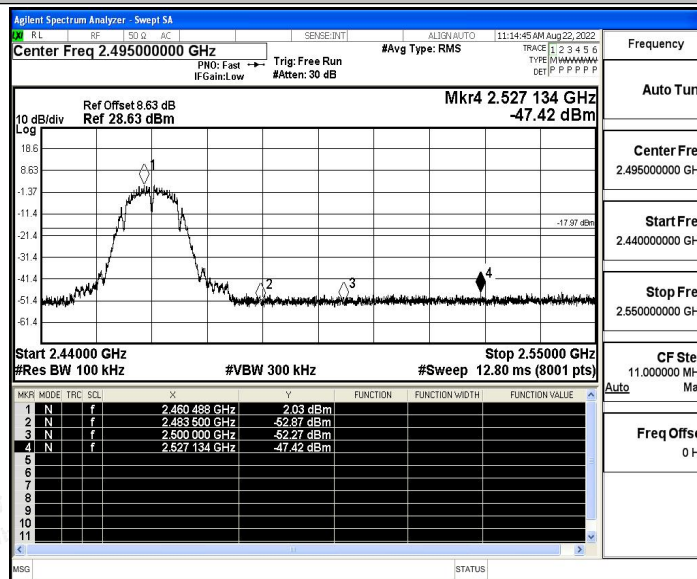


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

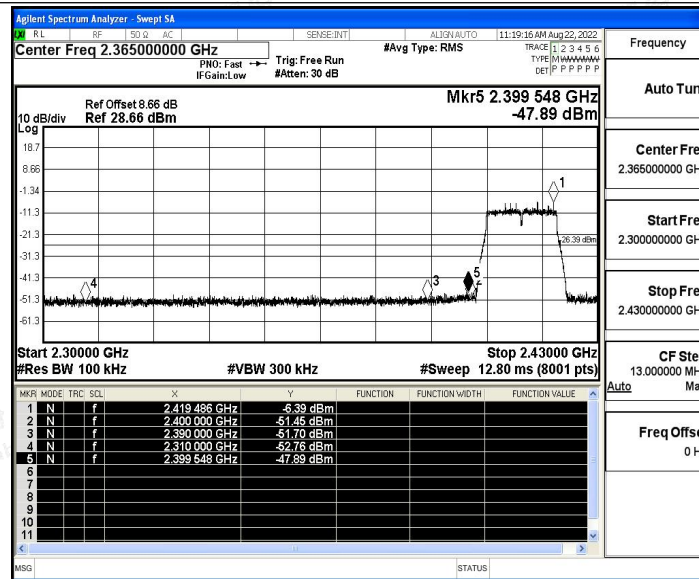


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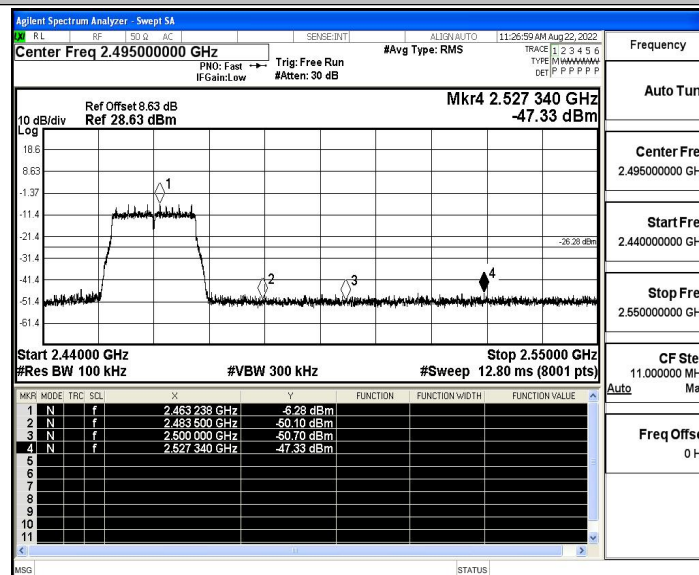
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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Scan code to check authenticity



11G_Ant1_High_2462





A.5 Conducted Spurious Emission

Test Result

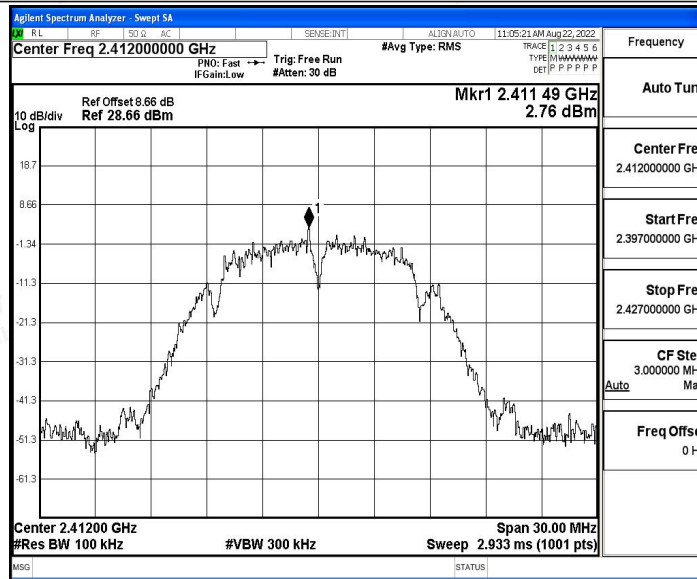
TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.76	2.76	---	PASS
			30~1000	2.76	-60.17	≤ -17.24	PASS
			1000~26500	2.76	-45.45	≤ -17.24	PASS
		2437	Reference	0.94	0.94	---	PASS
			30~1000	0.94	-58.09	≤ -19.06	PASS
			1000~26500	0.94	-46.65	≤ -19.06	PASS
		2462	Reference	0.67	0.67	---	PASS
			30~1000	0.67	-60.19	≤ -19.33	PASS
			1000~26500	0.67	-45.98	≤ -19.33	PASS
11G	Ant1	2412	Reference	-9.50	-9.50	---	PASS
			30~1000	-9.50	-60.52	≤ -29.5	PASS
			1000~26500	-9.50	-45.88	≤ -29.5	PASS
		2437	Reference	-9.00	-9.00	---	PASS
			30~1000	-9.00	-60.71	≤ -29	PASS
			1000~26500	-9.00	-40.4	≤ -29	PASS
		2462	Reference	-8.19	-8.19	---	PASS
			30~1000	-8.19	-59.94	≤ -28.19	PASS
			1000~26500	-8.19	-45.33	≤ -28.19	PASS



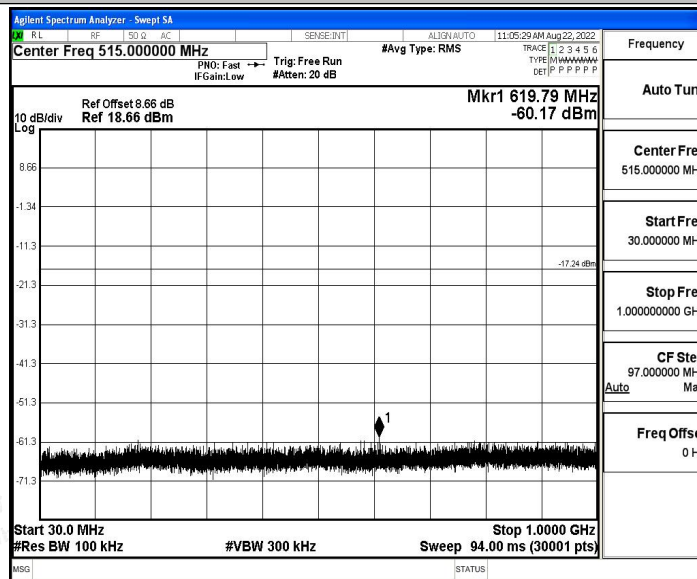


Test Graphs

11B_Ant1_2412_0~Reference

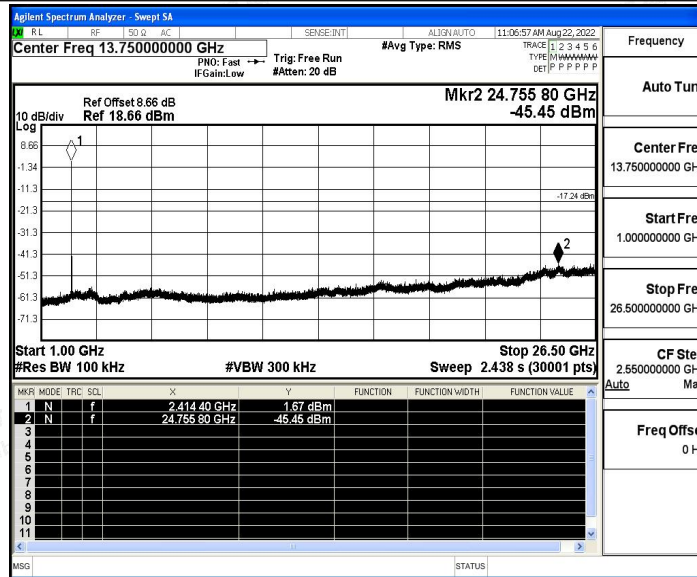


11B_Ant1_2412_30~1000

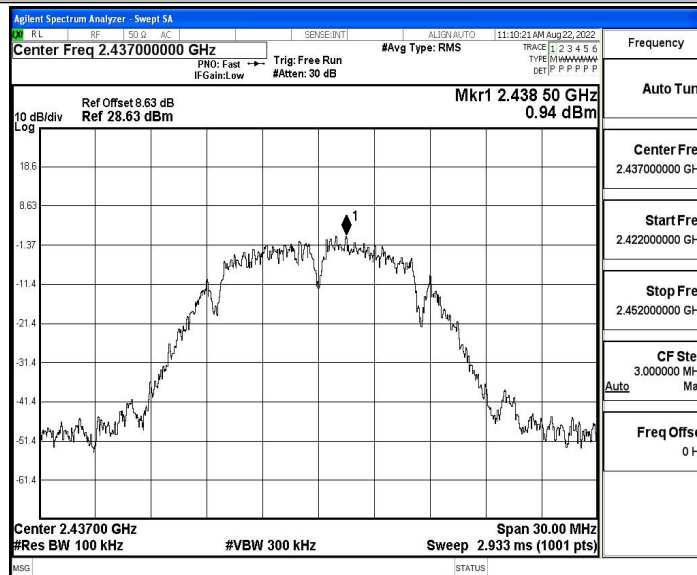


11B_Ant1_2412_1000~26500



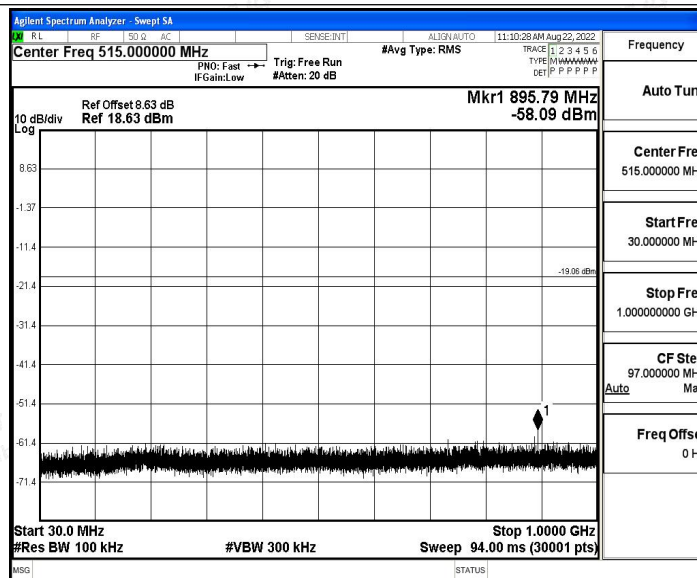


11B_Ant1_2437_0~Reference

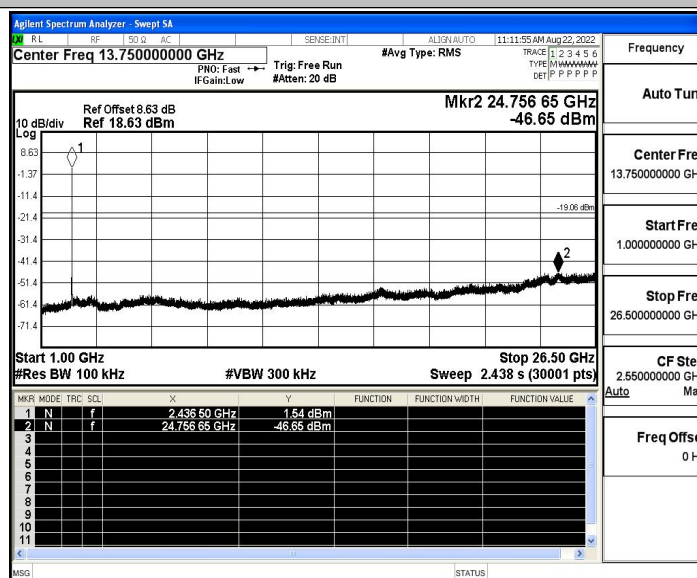


11B_Ant1_2437_30~1000



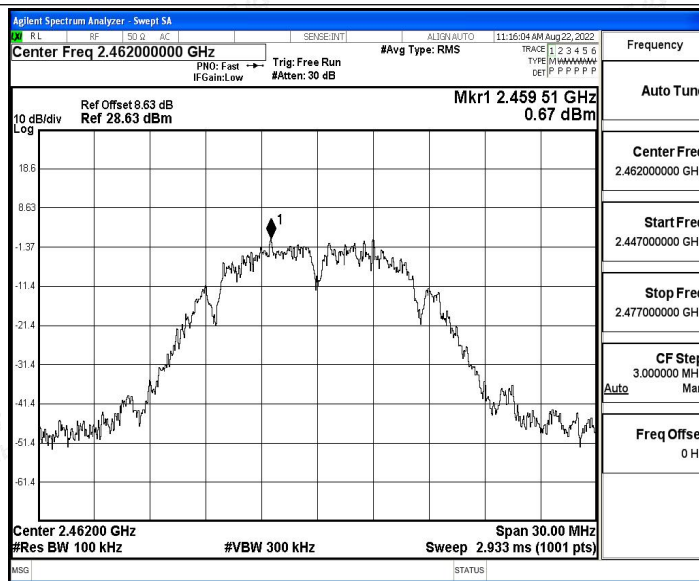


11B_Ant1_2437_1000~26500

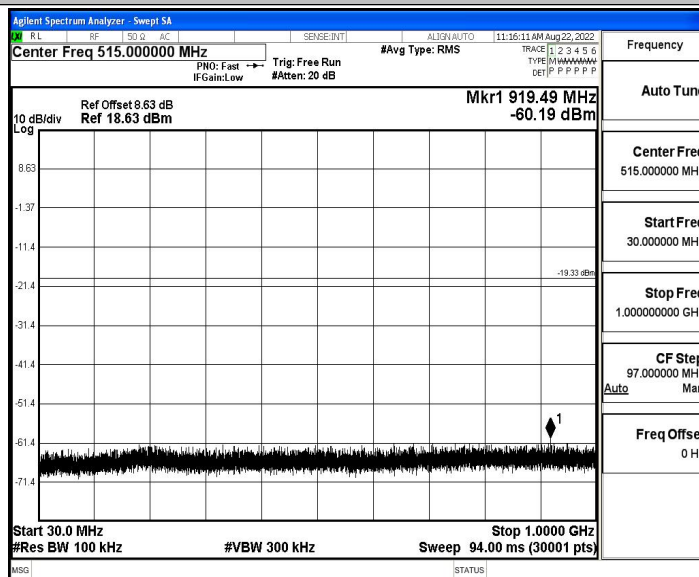


11B_Ant1_2462_0~Reference





11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

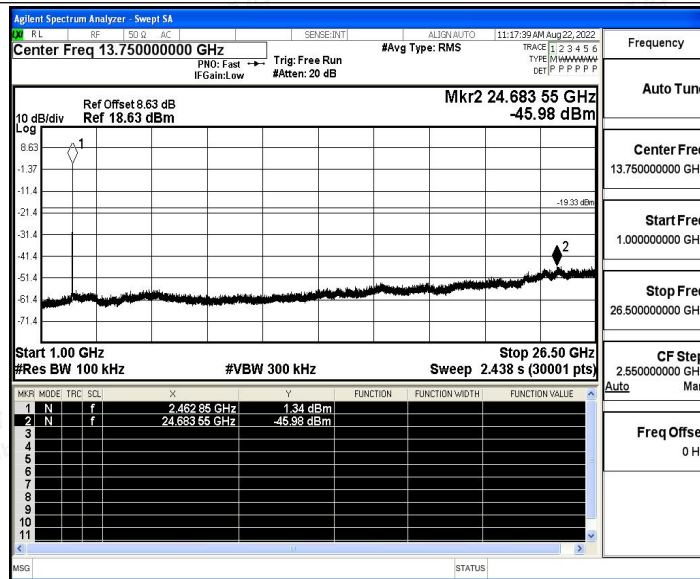


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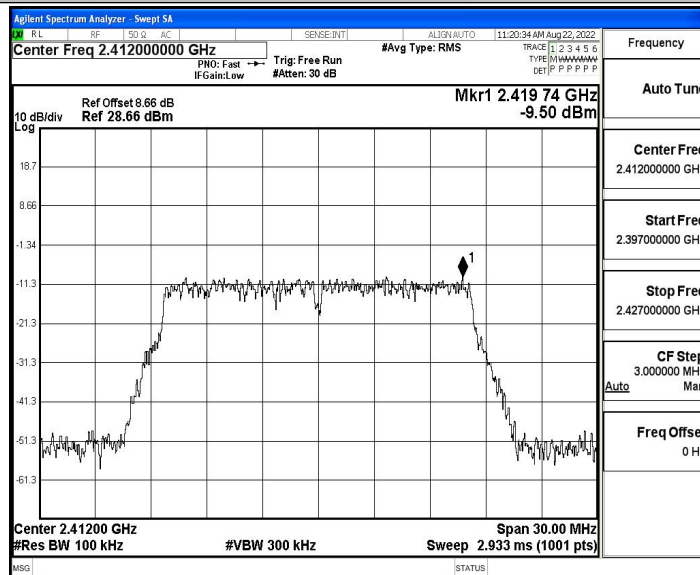
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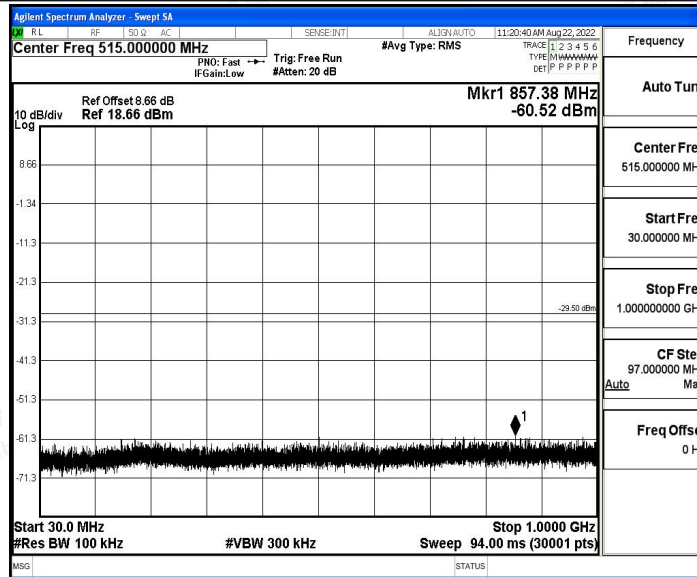


11G_Ant1_2412_0~Reference

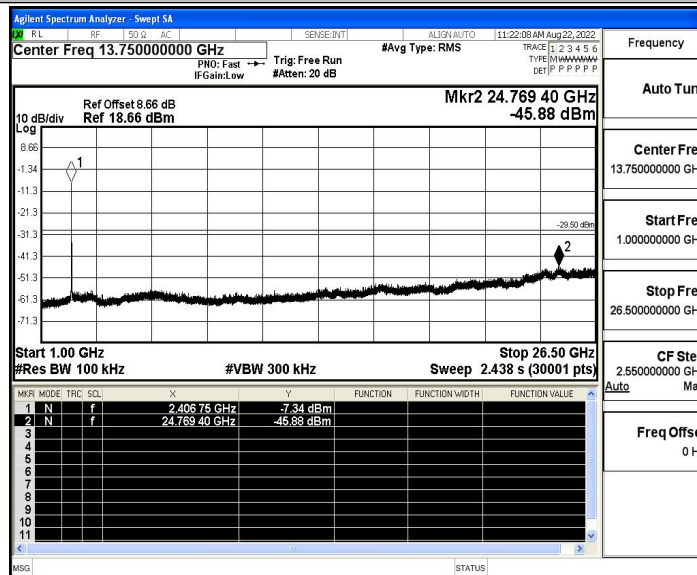


11G_Ant1_2412_30~1000



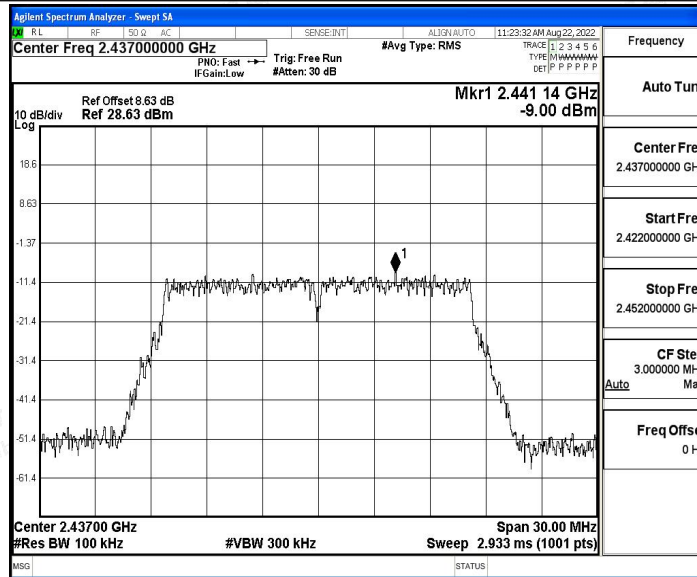


11G_Ant1_2412_1000~26500

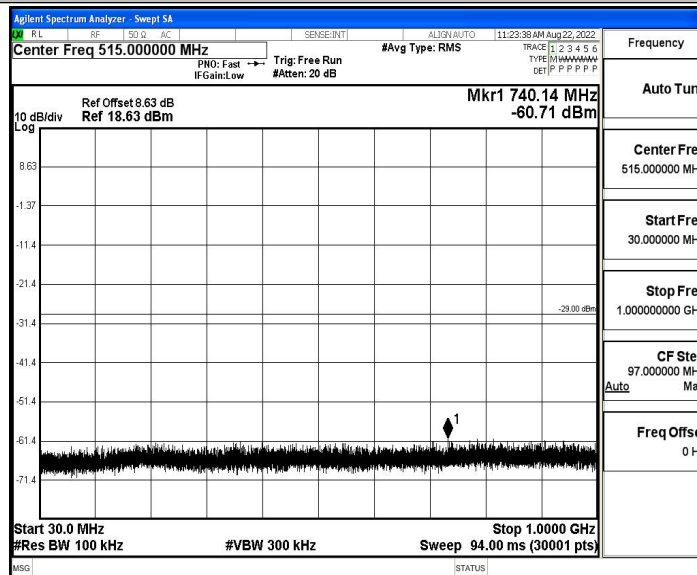


11G_Ant1_2437_0~Reference



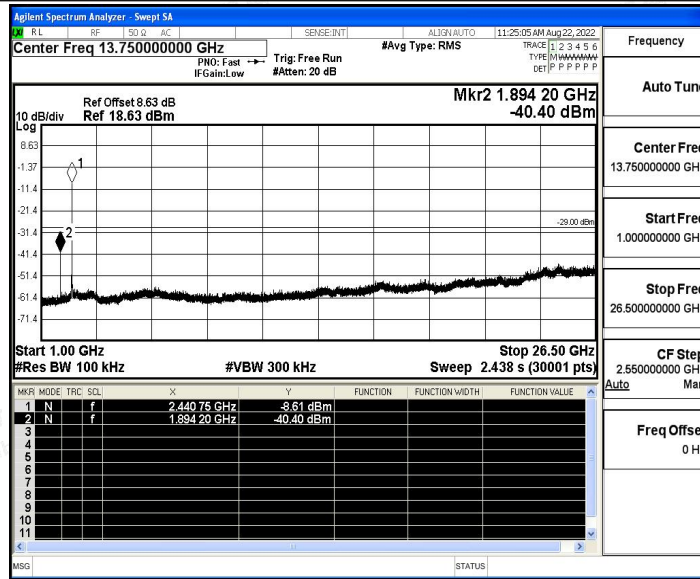


11G_Ant1_2437_30~1000

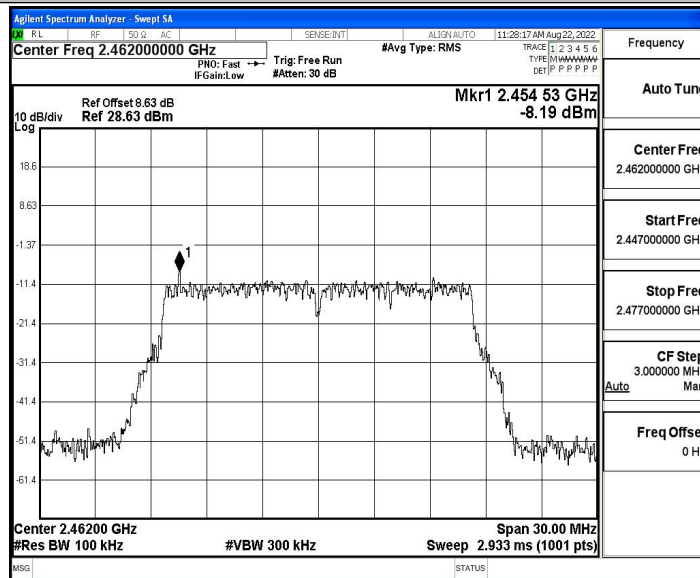


11G_Ant1_2437_1000~26500





11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



