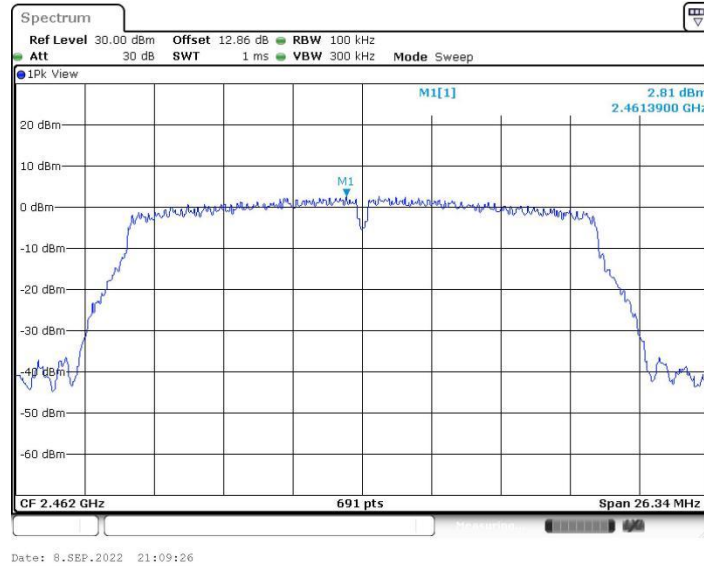
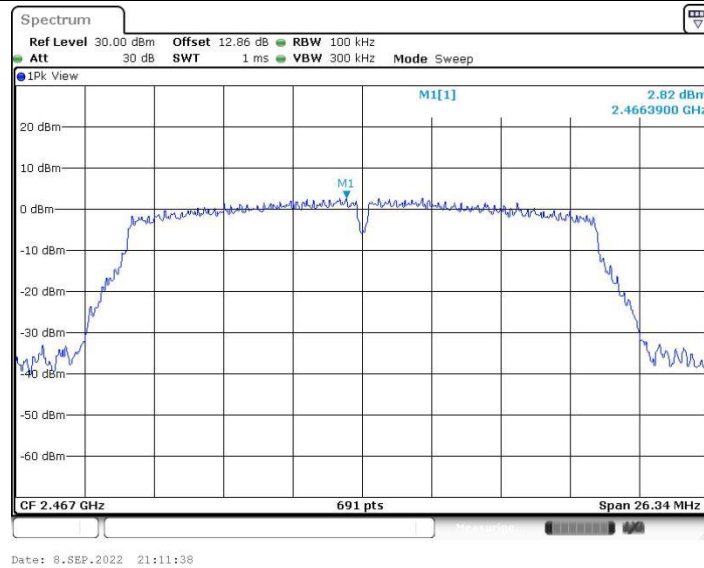




11N20SISO_Ant1_2462



11N20SISO_Ant1_2467







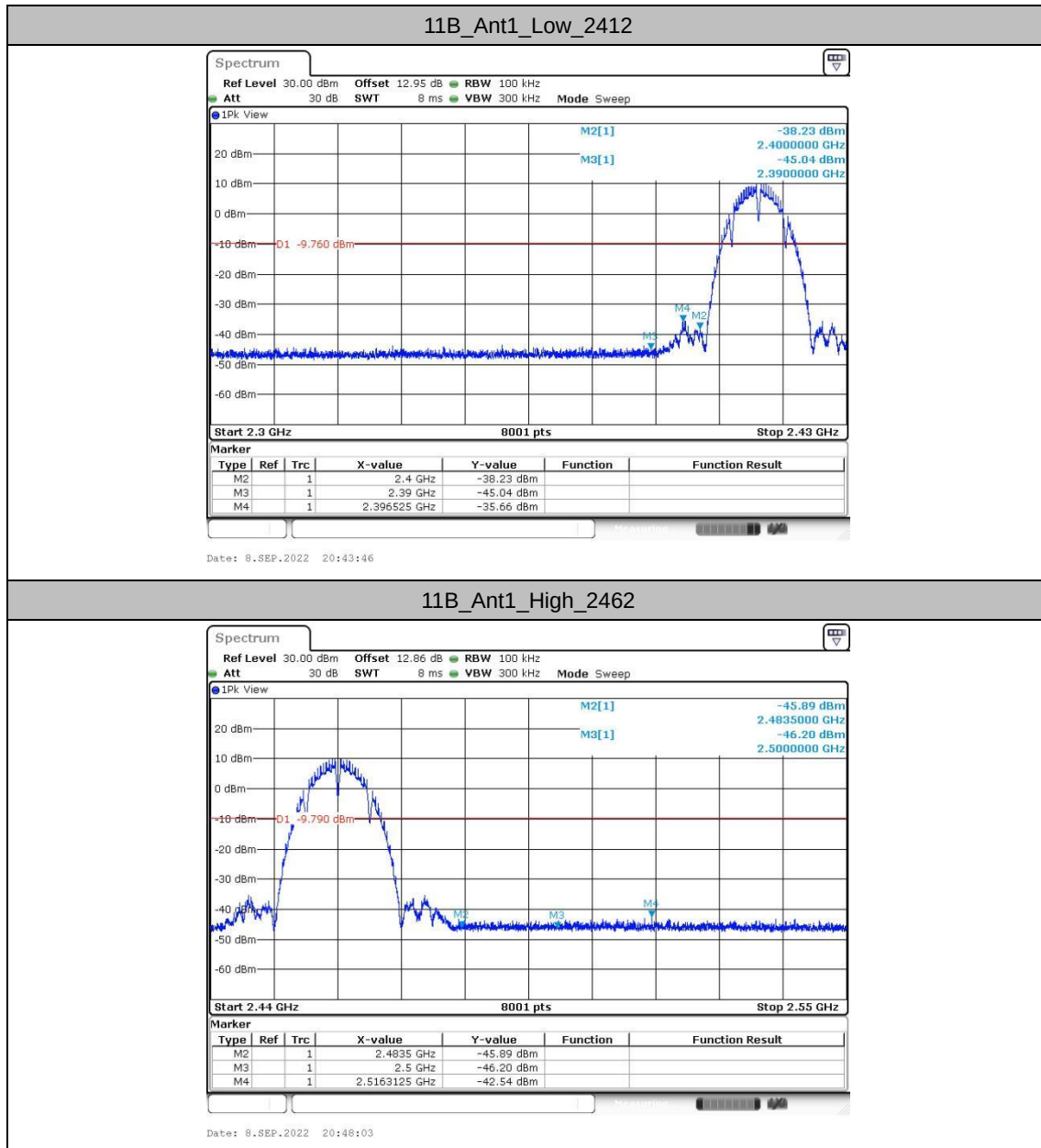
Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm/ 100KHz]	Result[dBm/ 100KHz]	Limit[dBm/ 100KHz]	Verdict
11B	Ant1	Low	2412	10.24	-35.66	≤-9.76	PASS
		High	2462	10.21	-42.54	≤-9.79	PASS
			2467	9.63	-38.38	≤-10.37	PASS
			2472	9.82	-35.63	≤-10.18	PASS
11G	Ant1	Low	2412	4.01	-33.69	≤-15.99	PASS
		High	2462	3.93	-42.61	≤-16.07	PASS
			2467	4.10	-38.02	≤-15.9	PASS
			2472	3.53	-33.56	≤-16.47	PASS
11N20SISO	Ant1	Low	2412	3.16	-35.9	≤-16.84	PASS
		High	2462	2.81	-42.48	≤-17.19	PASS
			2467	2.82	-38	≤-17.18	PASS
			2472	2.67	-34.02	≤-17.33	PASS

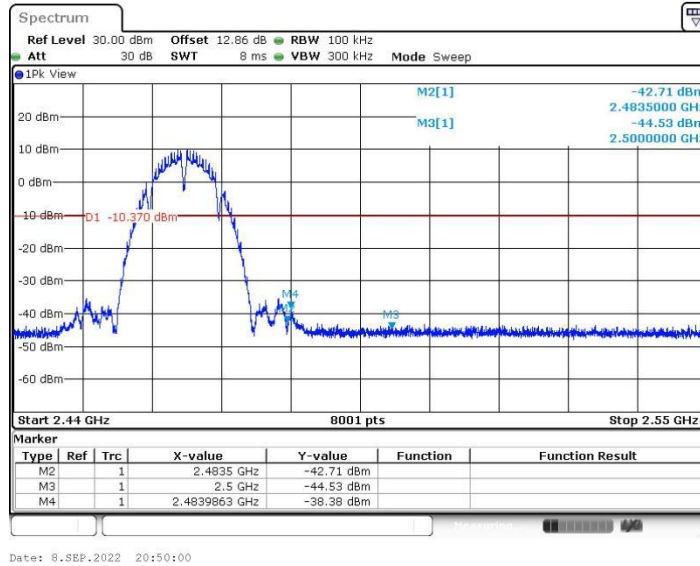


Test Graphs

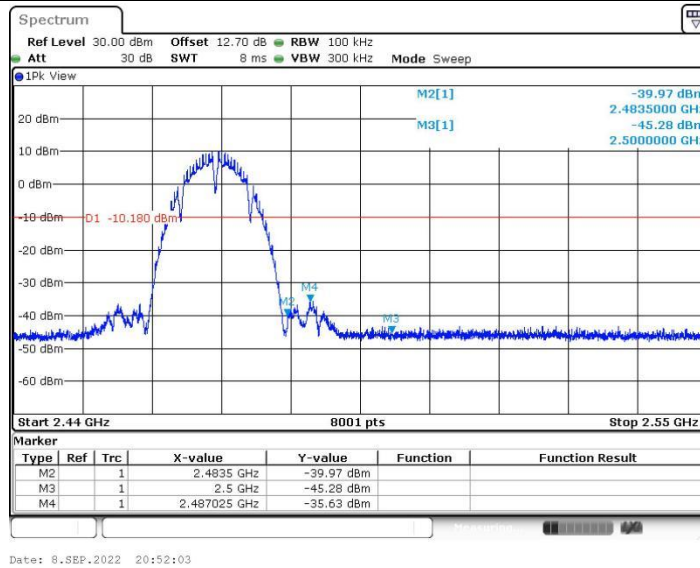




11B_Ant1_High_2467

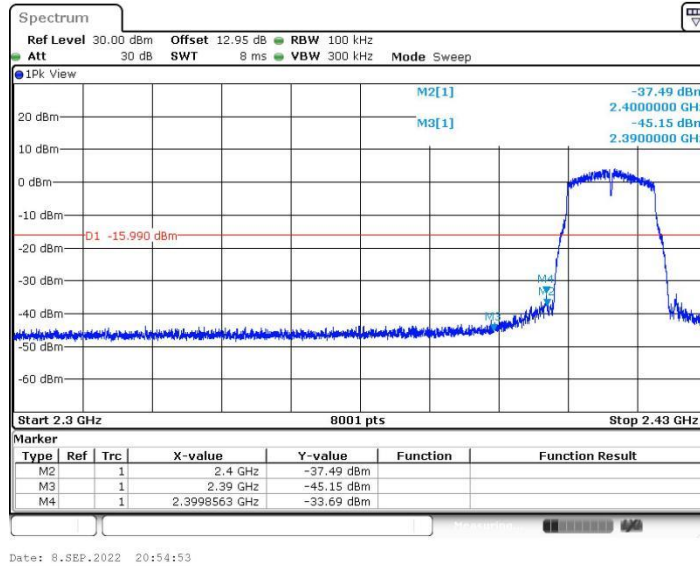


11B_Ant1_High_2472

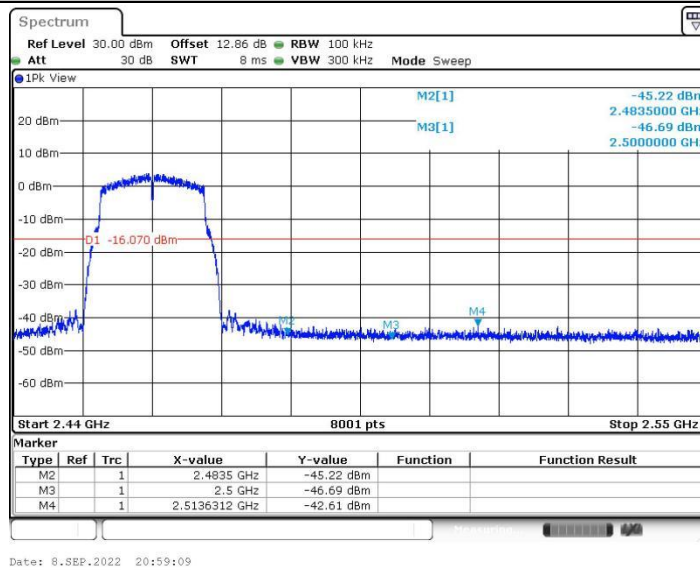




11G_Ant1_Low_2412

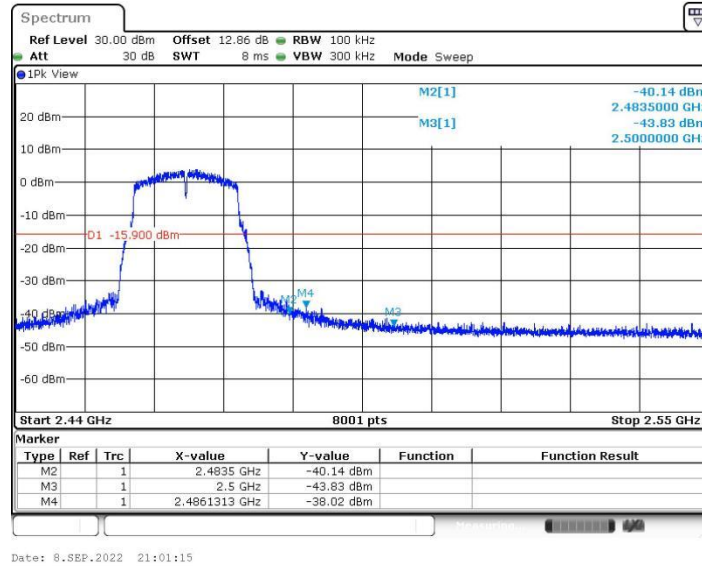


11G_Ant1_High_2462

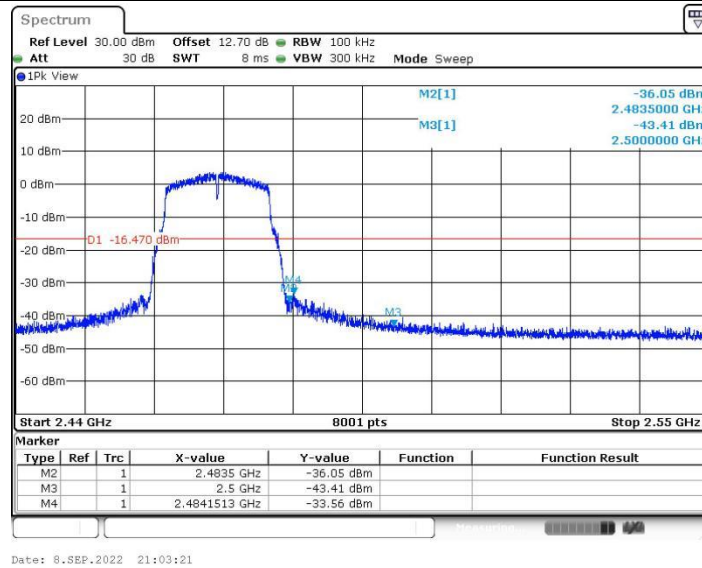




11G_Ant1_High_2467

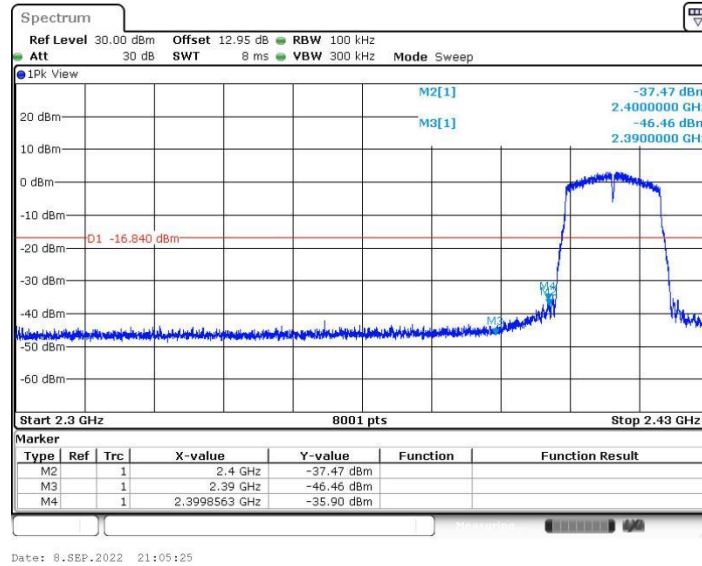


11G_Ant1_High_2472

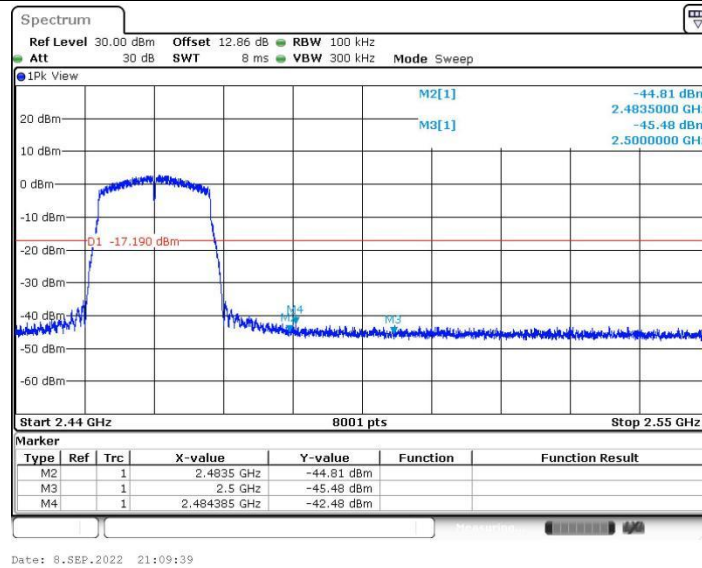




11N20SISO_Ant1_Low_2412

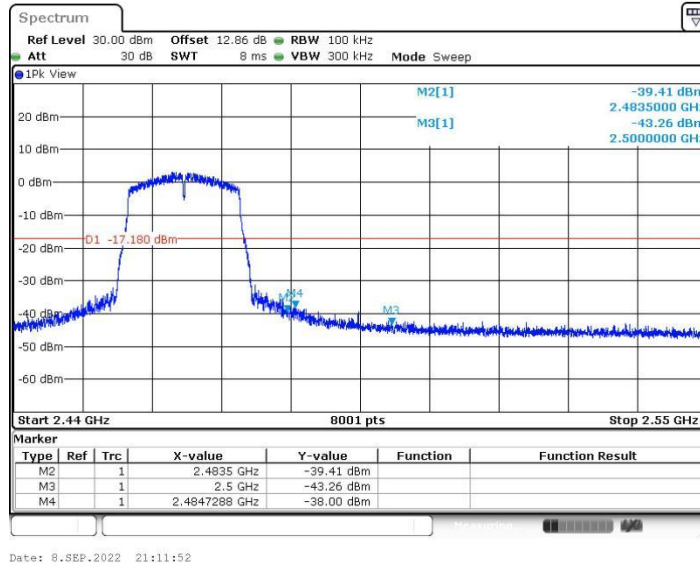


11N20SISO_Ant1_High_2462

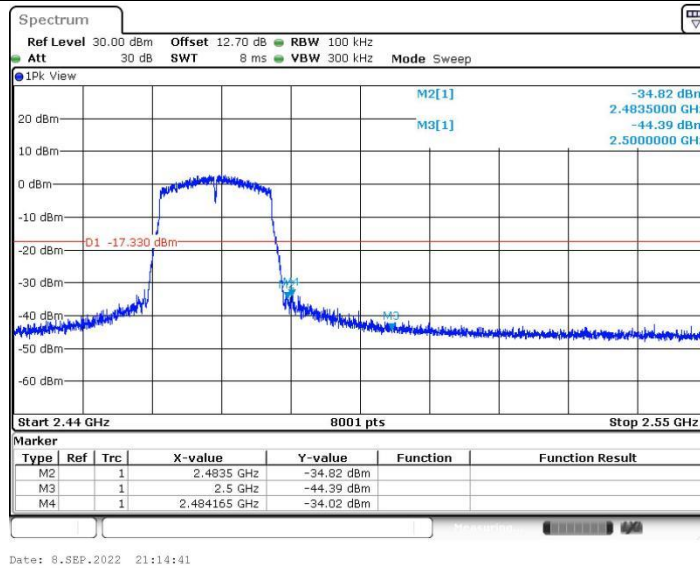




11N20SISO_Ant1_High_2467



11N20SISO_Ant1_High_2472





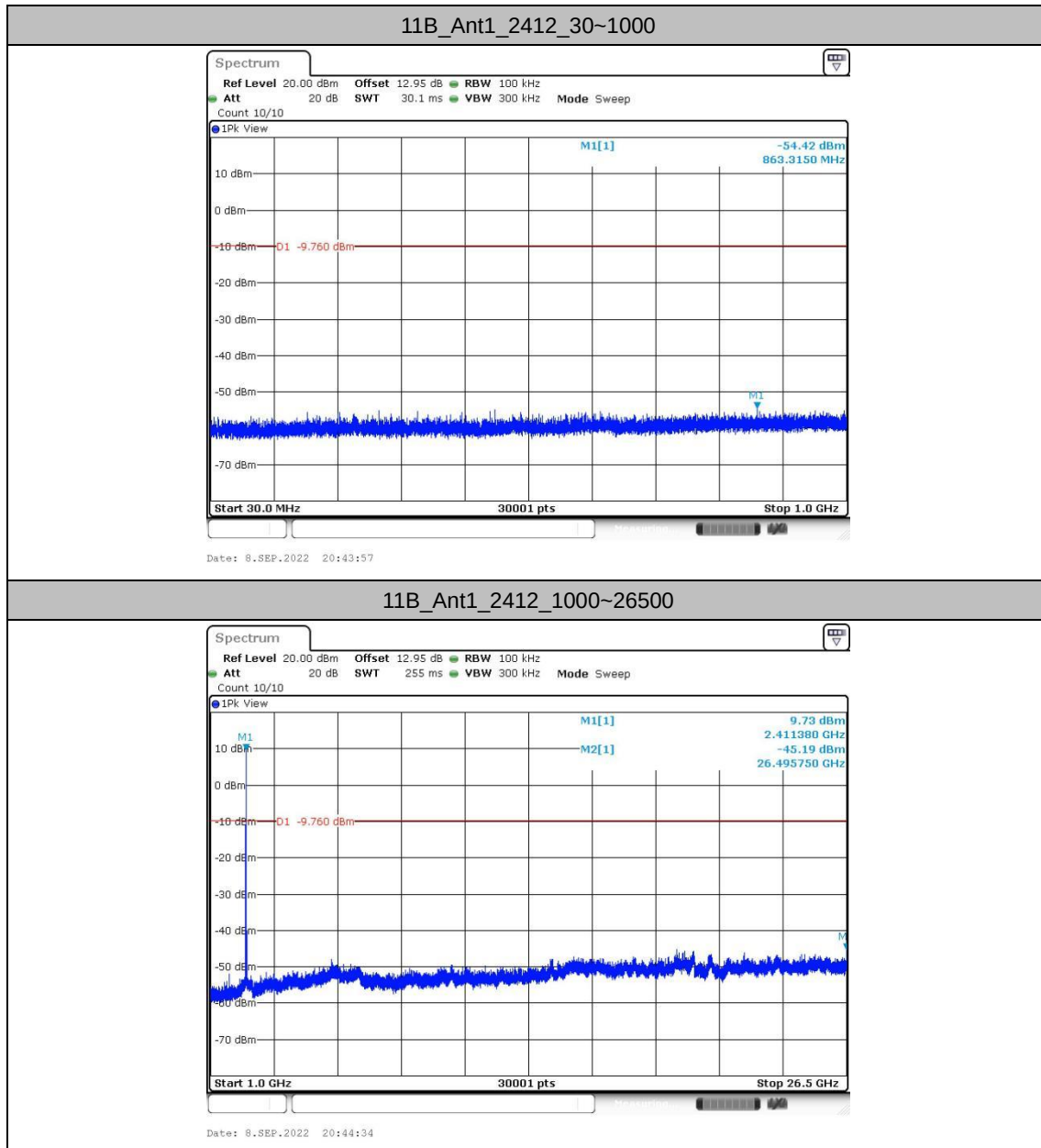
Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [Mhz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
11B	Ant1	2412	30~1000	10.24	-54.42	≤ -9.76	PASS
			1000~26500	10.24	-45.19	≤ -9.76	PASS
		2437	30~1000	10.75	-54.52	≤ -9.25	PASS
			1000~26500	10.75	-44.44	≤ -9.25	PASS
		2462	30~1000	10.21	-54.51	≤ -9.79	PASS
			1000~26500	10.21	-45.54	≤ -9.79	PASS
		2467	30~1000	9.63	-54.34	≤ -10.37	PASS
			1000~26500	9.63	-45.96	≤ -10.37	PASS
11G	Ant1	2412	30~1000	9.82	-55.16	≤ -10.18	PASS
			1000~26500	9.82	-46.25	≤ -10.18	PASS
		2437	30~1000	4.01	-54.55	≤ -15.99	PASS
			1000~26500	4.01	-45.6	≤ -15.99	PASS
		2462	30~1000	3.92	-53.84	≤ -16.08	PASS
			1000~26500	3.92	-45.81	≤ -16.08	PASS
		2467	30~1000	3.93	-54.93	≤ -16.07	PASS
			1000~26500	3.93	-46.01	≤ -16.07	PASS
11N20SISO	Ant1	2412	30~1000	4.10	-54.25	≤ -15.9	PASS
			1000~26500	4.10	-45.52	≤ -15.9	PASS
		2472	30~1000	3.53	-54	≤ -16.47	PASS
			1000~26500	3.53	-45.88	≤ -16.47	PASS
		2412	30~1000	3.16	-54.72	≤ -16.84	PASS
			1000~26500	3.16	-45.34	≤ -16.84	PASS
		2437	30~1000	3.39	-53.99	≤ -16.61	PASS
			1000~26500	3.39	-45.31	≤ -16.61	PASS
11N20SISO	Ant1	2462	30~1000	2.81	-54.69	≤ -17.19	PASS
			1000~26500	2.81	-44.82	≤ -17.19	PASS
		2467	30~1000	2.82	-54.29	≤ -17.18	PASS
			1000~26500	2.82	-45.37	≤ -17.18	PASS
		2472	30~1000	2.67	-54.96	≤ -17.33	PASS
			1000~26500	2.67	-45.44	≤ -17.33	PASS

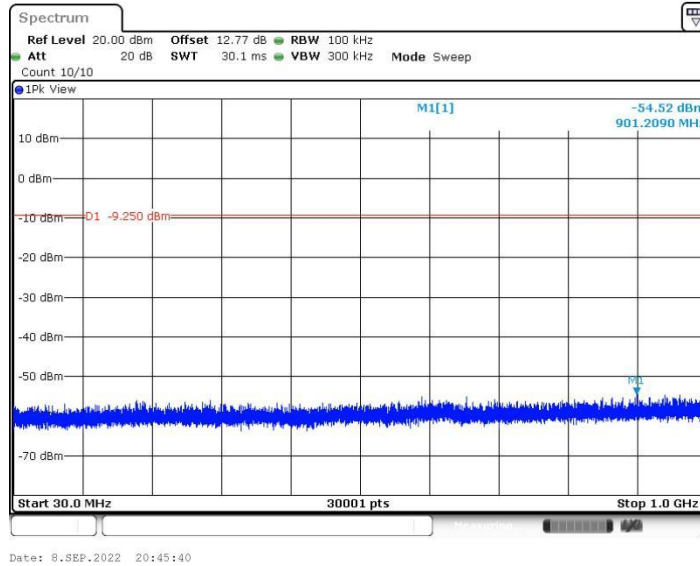


Test Graphs

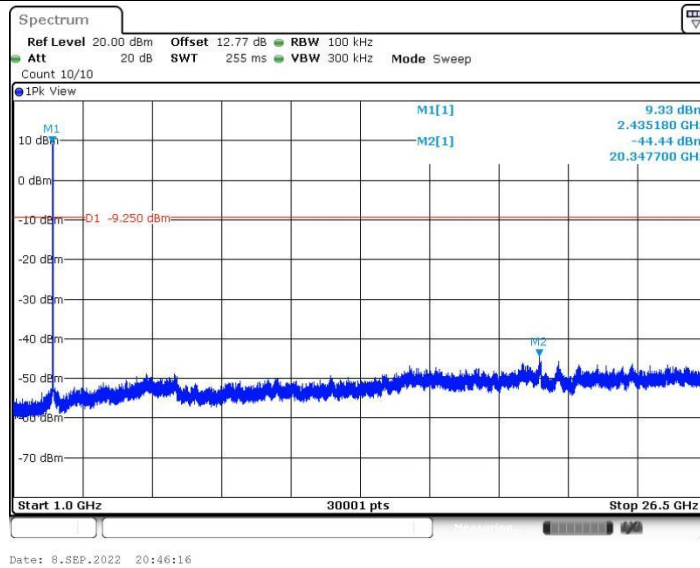




11B_Ant1_2437_30~1000

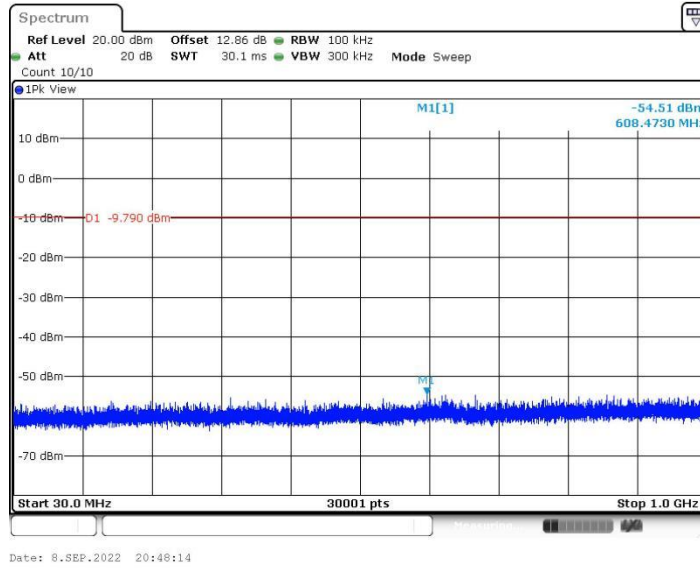


11B_Ant1_2437_1000~26500

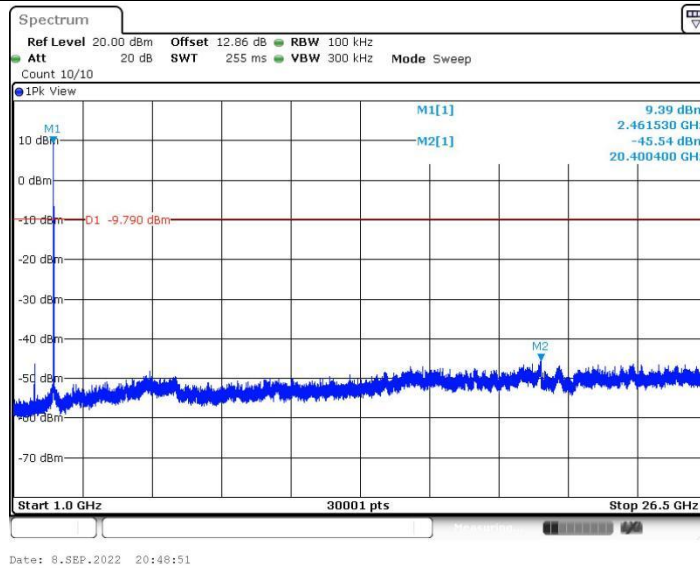




11B_Ant1_2462_30~1000

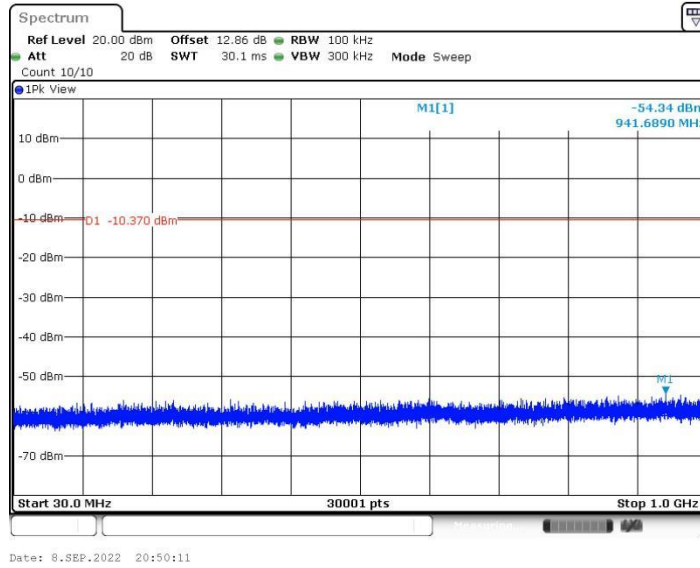


11B_Ant1_2462_1000~26500

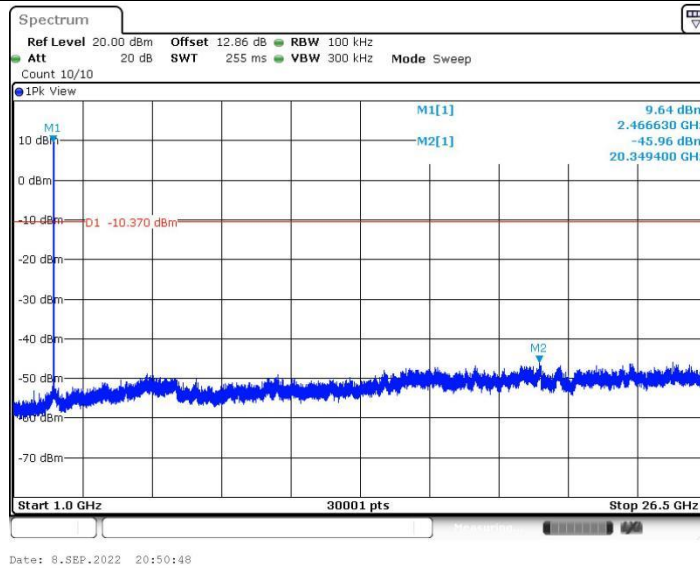




11B_Ant1_2467_30~1000

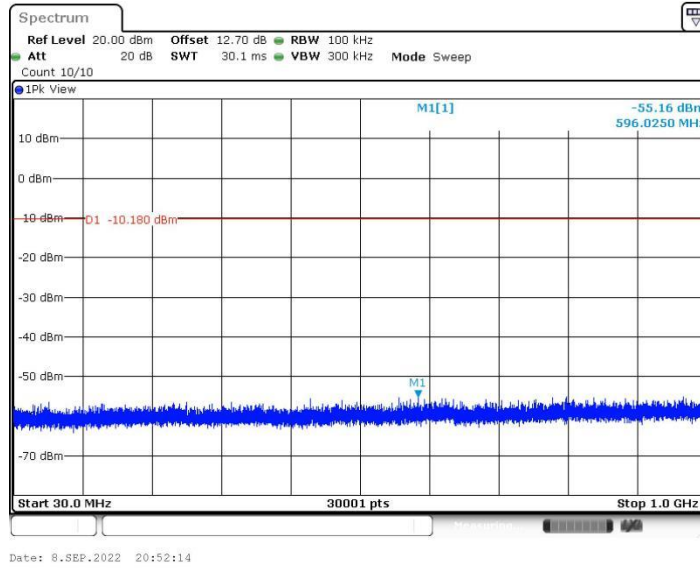


11B_Ant1_2467_1000~26500

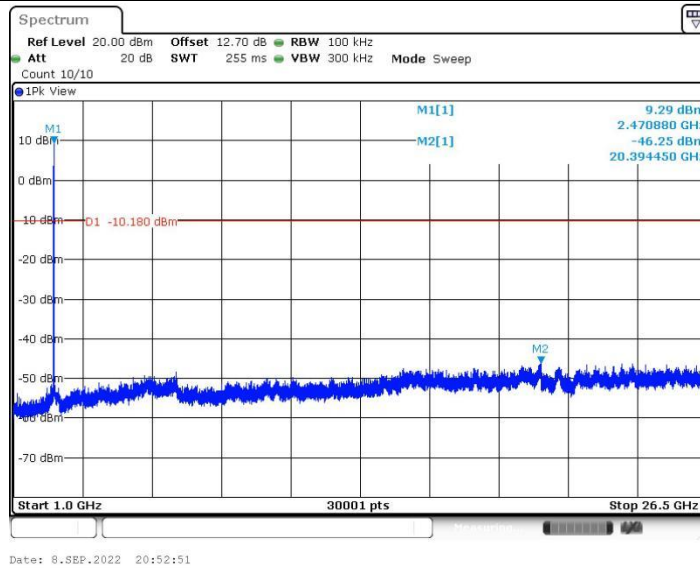




11B_Ant1_2472_30~1000

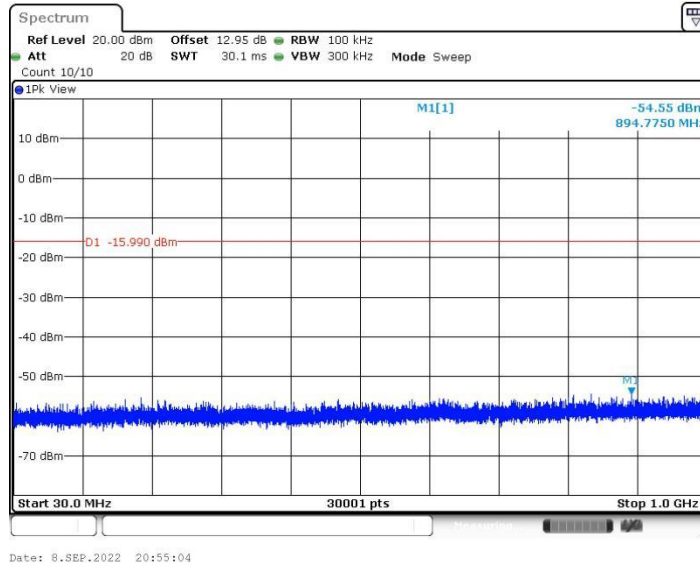


11B_Ant1_2472_1000~26500

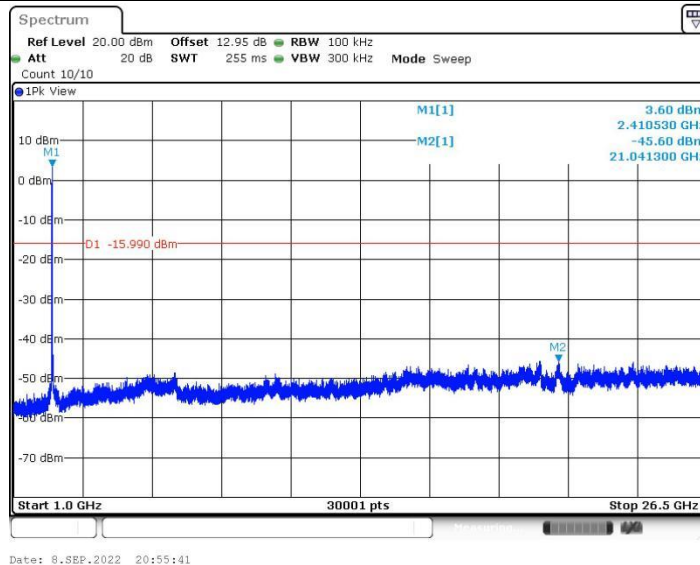




11G_Ant1_2412_30~1000

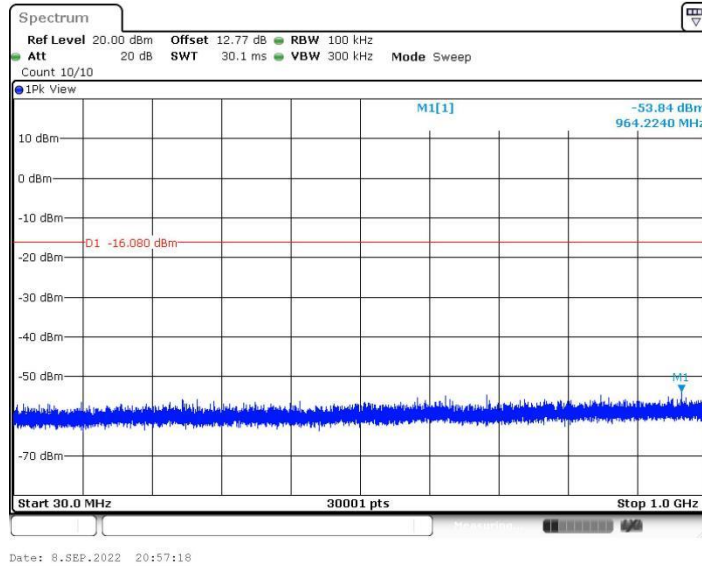


11G_Ant1_2412_1000~26500

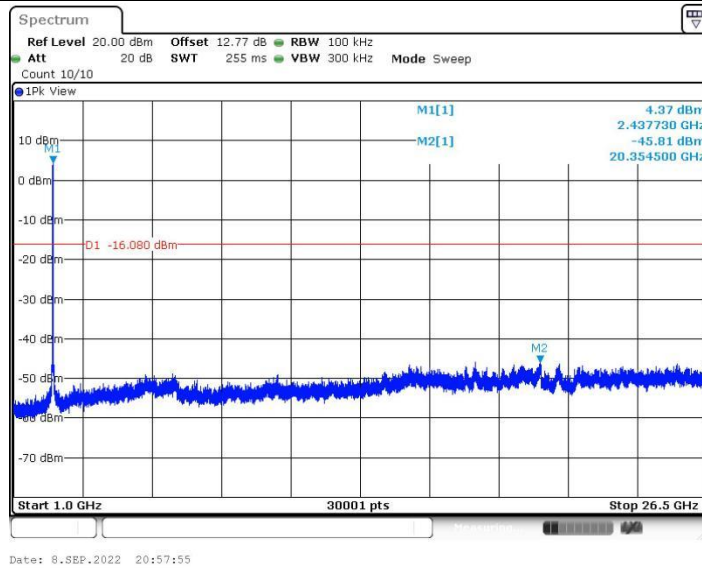




11G_Ant1_2437_30~1000

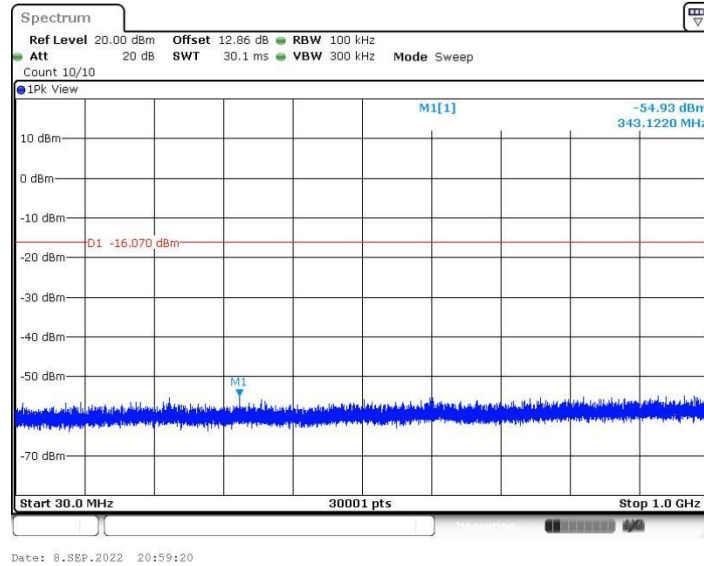


11G_Ant1_2437_1000~26500

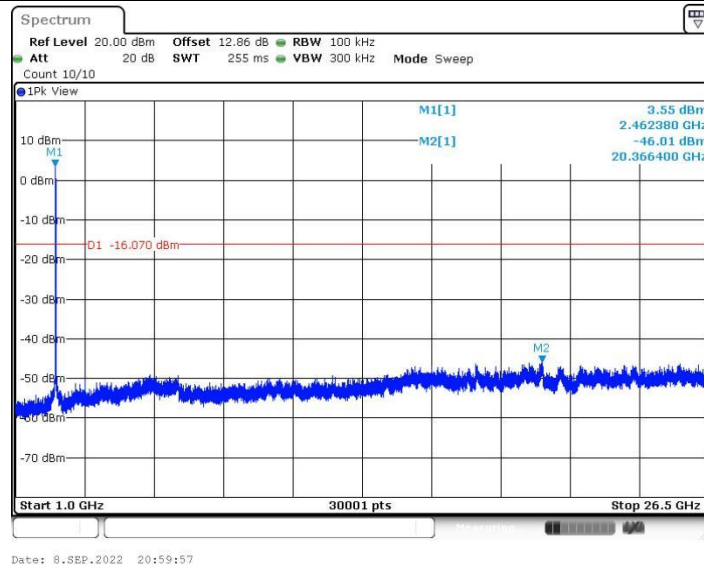




11G_Ant1_2462_30~1000

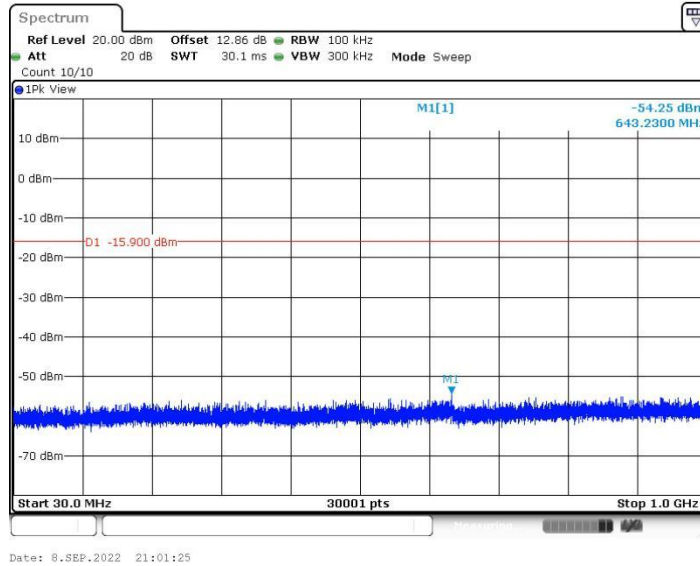


11G_Ant1_2462_1000~26500

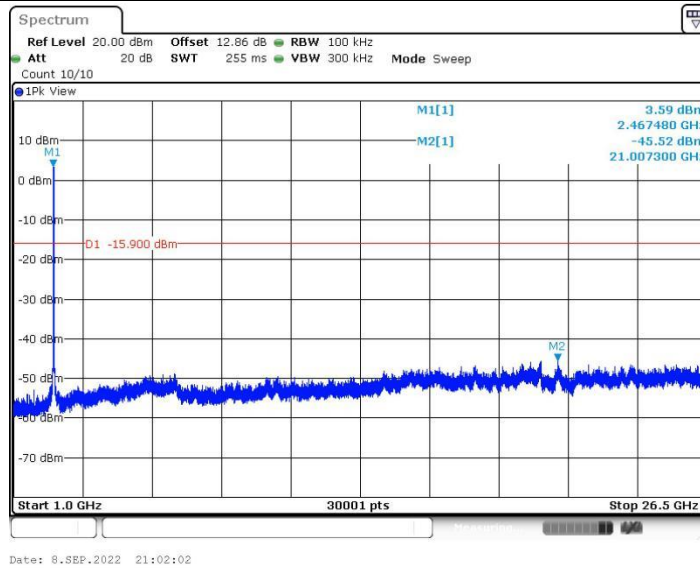




11G_Ant1_2467_30~1000

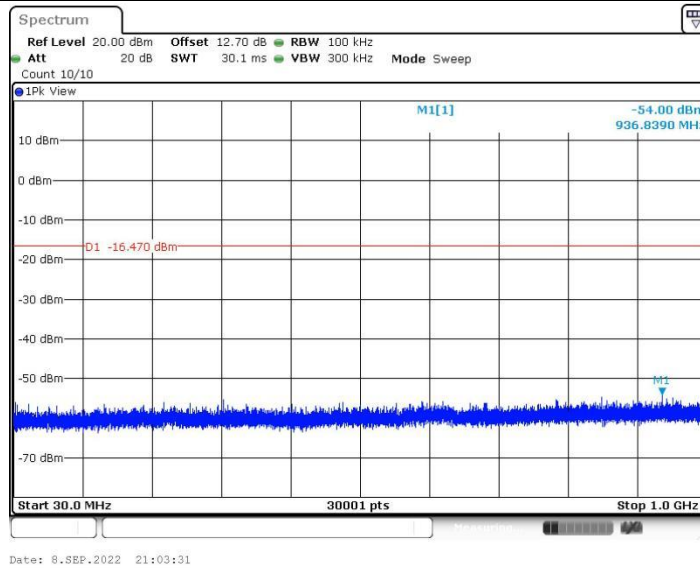


11G_Ant1_2467_1000~26500

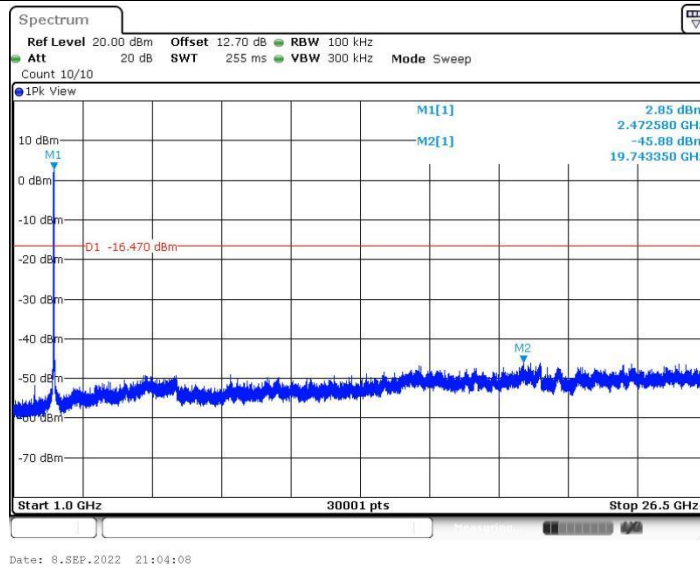




11G_Ant1_2472_30~1000

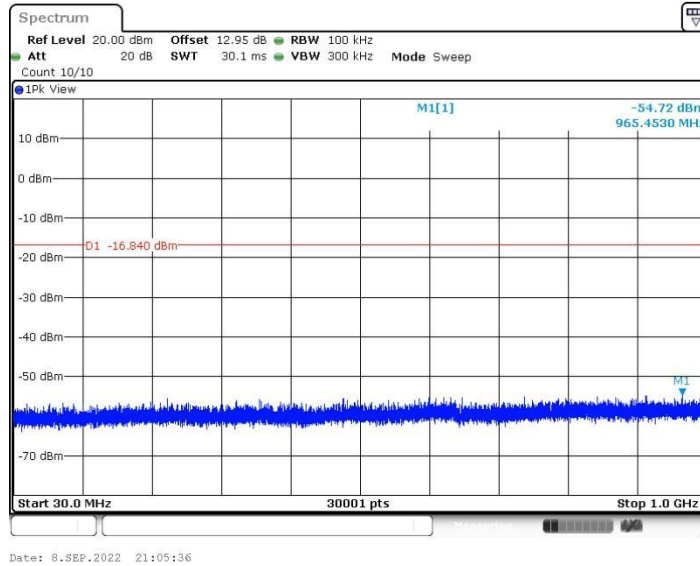


11G_Ant1_2472_1000~26500

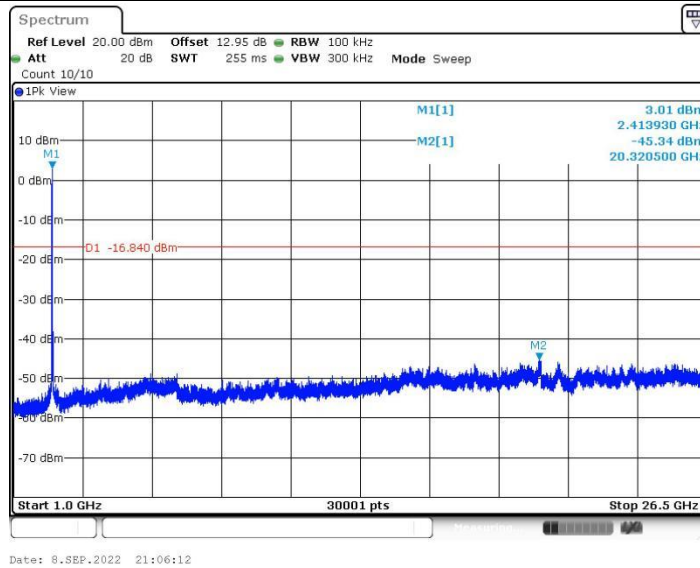




11N20SISO_Ant1_2412_30~1000

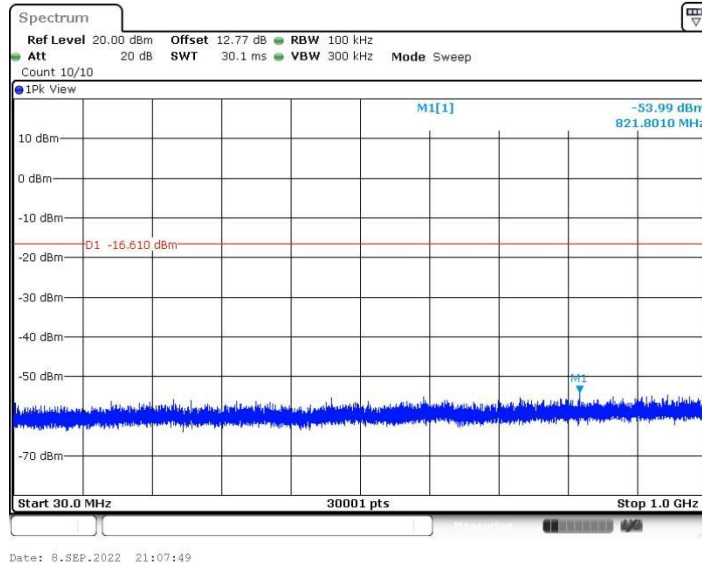


11N20SISO_Ant1_2412_1000~26500

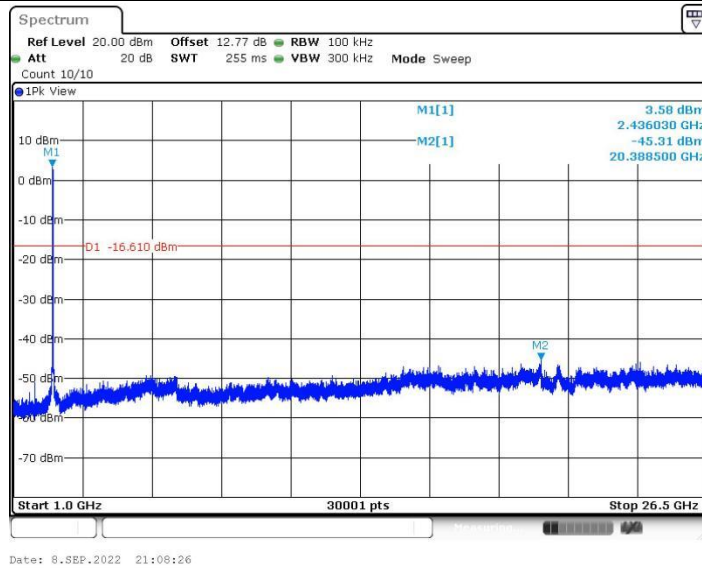




11N20SISO_Ant1_2437_30~1000

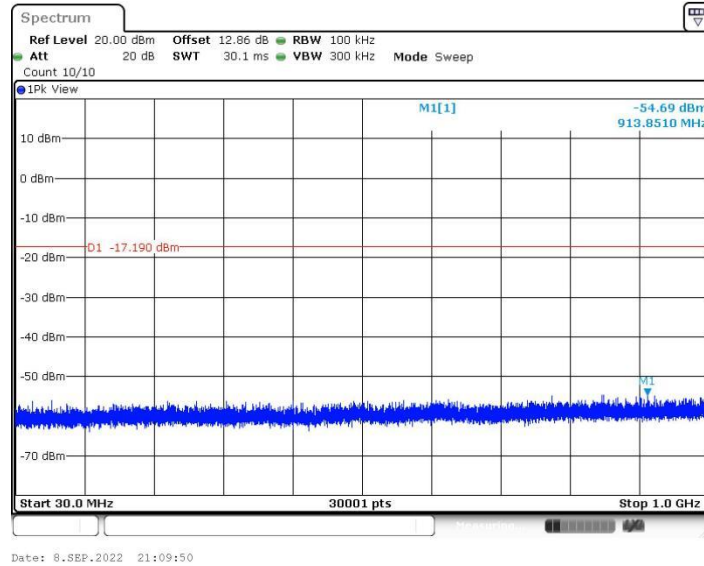


11N20SISO_Ant1_2437_1000~26500

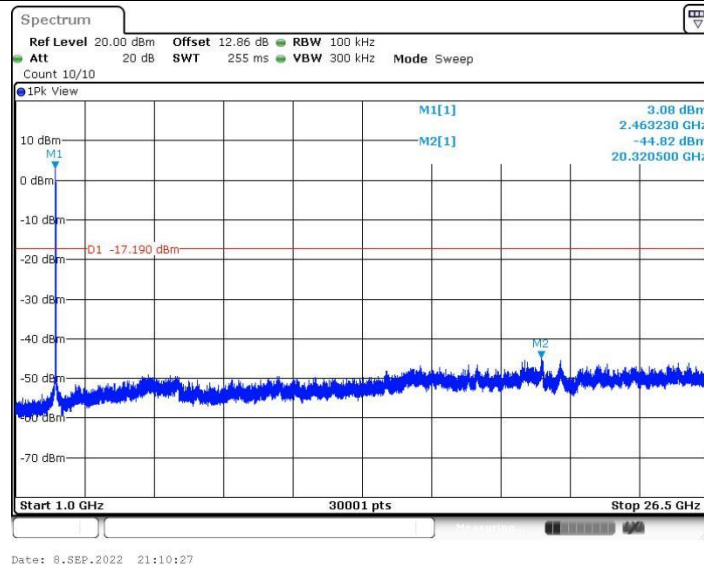




11N20SISO_Ant1_2462_30~1000

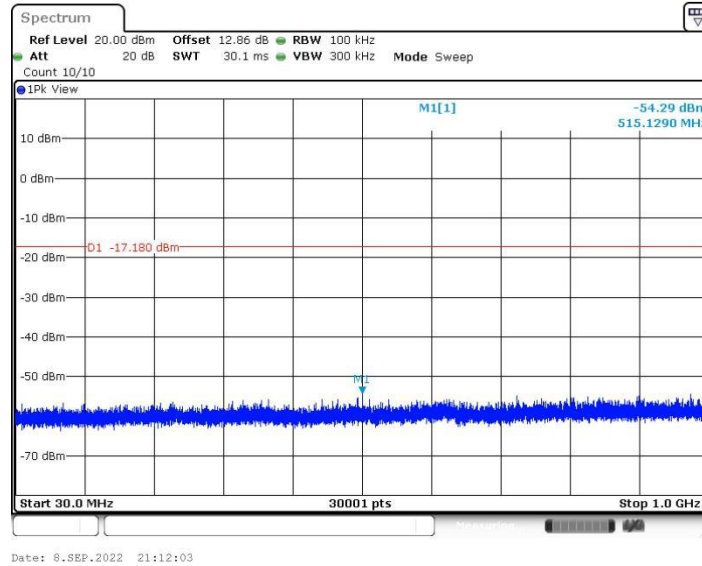


11N20SISO_Ant1_2462_1000~26500

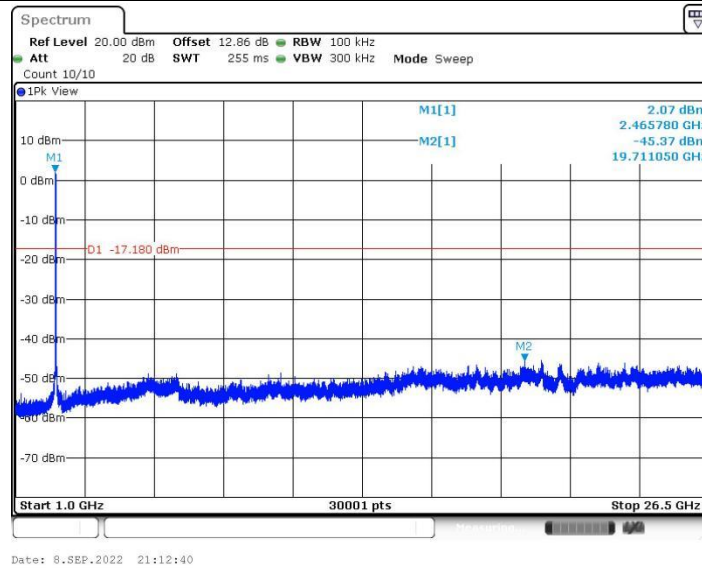




11N20SISO_Ant1_2467_30~1000

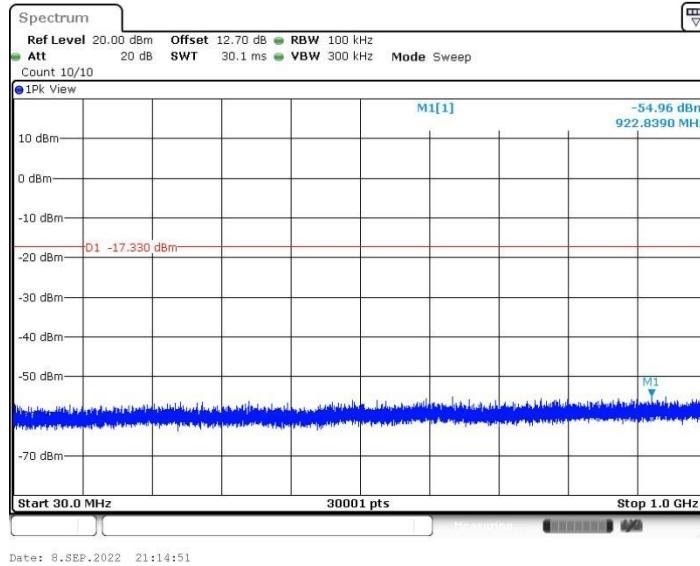


11N20SISO_Ant1_2467_1000~26500

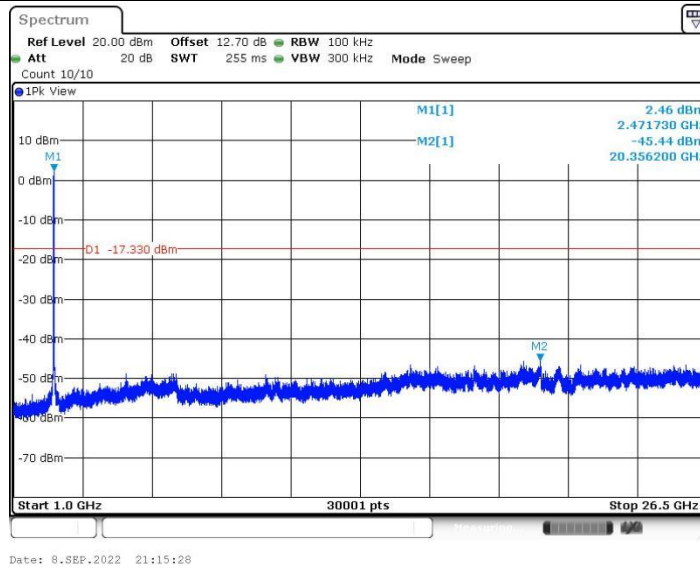




11N20SISO_Ant1_2472_30~1000



11N20SISO_Ant1_2472_1000~26500

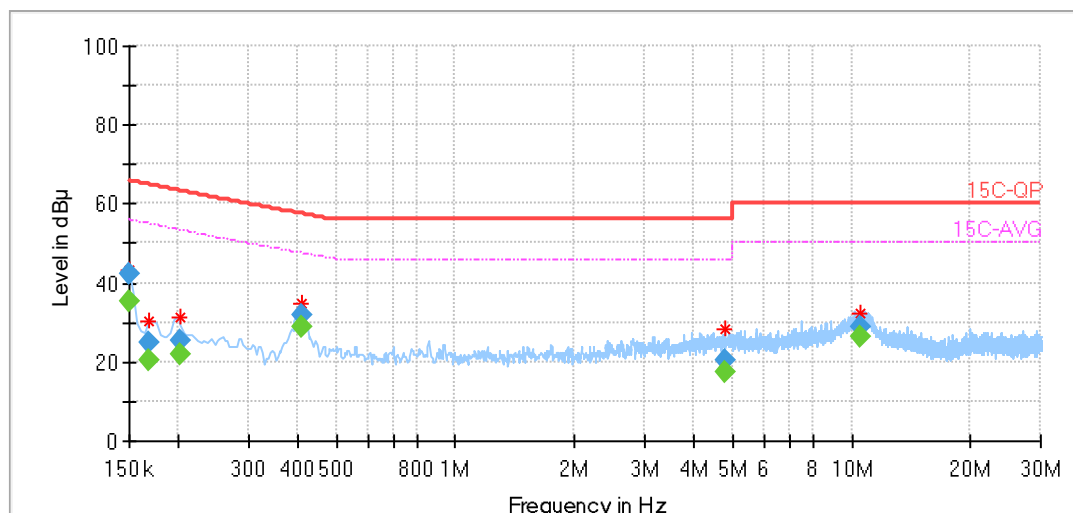




Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

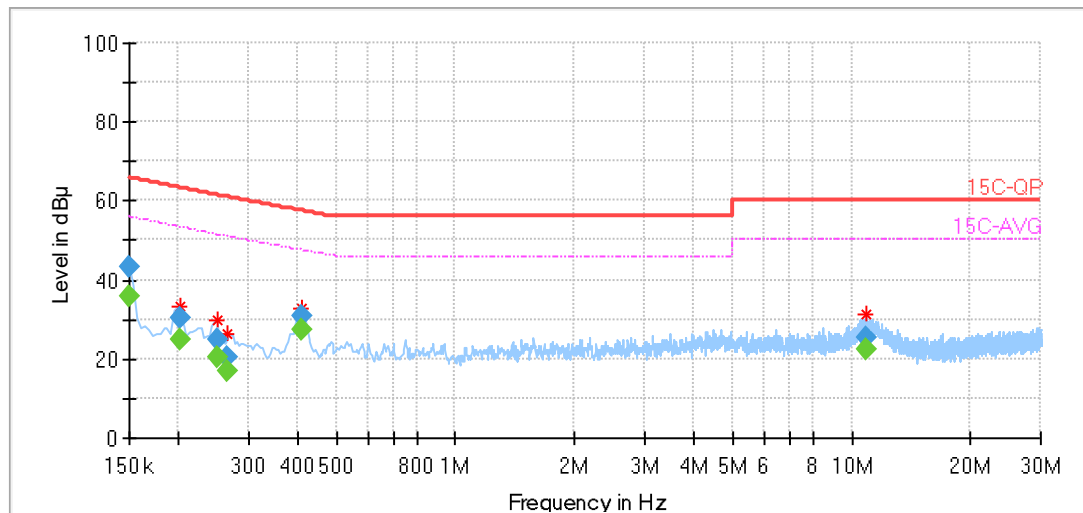


Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	35.20	56.00	20.80	L1	OFF	20.1
0.150000	42.39	---	66.00	23.61	L1	OFF	20.1
0.168656	---	20.31	54.94	34.63	L1	OFF	20.0
0.168656	24.84	---	64.95	40.11	L1	OFF	20.0
0.200756	---	21.76	53.40	31.63	L1	OFF	20.0
0.200756	25.14	---	63.43	38.29	L1	OFF	20.0
0.406688	---	28.72	47.58	18.86	L1	OFF	19.9
0.406688	31.81	---	57.60	25.79	L1	OFF	19.9
4.790962	---	17.56	46.00	28.44	L1	OFF	19.9
4.790962	20.44	---	56.00	35.56	L1	OFF	19.9
10.550475	---	26.20	50.00	23.80	L1	OFF	20.0
10.550475	28.73	---	60.00	31.27	L1	OFF	20.0



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	36.02	56.00	19.98	N	OFF	20.2
0.150000	43.16	---	66.00	22.84	N	OFF	20.2
0.200756	---	25.05	53.40	28.34	N	OFF	20.2
0.200756	30.21	---	63.43	33.22	N	OFF	20.2
0.249262	---	20.26	51.54	31.28	N	OFF	20.1
0.249262	24.84	---	61.58	36.74	N	OFF	20.1
0.264900	---	16.95	51.03	34.08	N	OFF	20.1
0.264900	20.29	---	61.07	40.78	N	OFF	20.1
0.407456	---	27.41	47.56	20.15	N	OFF	19.9
0.407456	30.66	---	57.59	26.93	N	OFF	19.9
10.879656	---	22.58	50.00	27.42	N	OFF	20.1
10.879656	25.31	---	60.00	34.69	N	OFF	20.1



Appendix C. Radiated Spurious Emission

Test Engineer :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	41~42%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2382.41	52.86	-21.14	74	49.77	32.86	7.1	36.87	300	124	P	H
		2383.84	43.4	-10.6	54	40.31	32.86	7.1	36.87	300	124	A	H
	*	2412	108.54	-	-	105.36	32.9	7.13	36.85	300	124	P	H
	*	2412	106.18	-	-	103	32.9	7.13	36.85	300	124	A	H
		2386.18	50.73	-23.27	74	47.61	32.88	7.1	36.86	148	53	P	V
		2383.84	40.71	-13.29	54	37.62	32.86	7.1	36.87	148	53	A	V
	*	2414	105.71	-	-	102.53	32.9	7.13	36.85	148	53	P	V
	*	2412	103.46	-	-	100.28	32.9	7.13	36.85	148	53	A	V
802.11b CH 06 2437MHz		2389.56	50.38	-23.62	74	47.26	32.88	7.1	36.86	312	222	P	H
		2360.05	39.7	-14.3	54	36.68	32.83	7.07	36.88	312	222	A	H
	*	2436	108.98	-	-	105.72	32.92	7.19	36.85	312	222	P	H
	*	2438	106.52	-	-	103.23	32.94	7.19	36.84	312	222	A	H
		2484.16	50.27	-23.73	74	46.86	32.98	7.25	36.82	312	222	P	H
		2483.5	39.51	-14.49	54	36.1	32.98	7.25	36.82	312	222	A	H
		2364.08	50.58	-23.42	74	47.56	32.83	7.07	36.88	107	293	P	V
		2356.15	39.48	-14.52	54	36.49	32.83	7.04	36.88	107	293	A	V
	*	2436	106.47	-	-	103.21	32.92	7.19	36.85	107	293	P	V
	*	2436	104.11	-	-	100.85	32.92	7.19	36.85	107	293	A	V
		2497.54	50.52	-23.48	74	47.05	33	7.28	36.81	107	293	P	V
		2483.5	38.72	-15.28	54	35.31	32.98	7.25	36.82	107	293	A	V



802.11b CH 11 2462MHz	*	2462	109.69	-	-	106.34	32.96	7.22	36.83	312	131	P	H
	*	2462	107.33	-	-	103.98	32.96	7.22	36.83	312	131	A	H
		2487.94	53.01	-20.99	74	49.57	33	7.25	36.81	312	131	P	H
		2487.64	44.68	-9.32	54	41.24	33	7.25	36.81	312	131	A	H
	*	2462	106.65	-	-	103.3	32.96	7.22	36.83	127	295	P	V
	*	2462	104.21	-	-	100.86	32.96	7.22	36.83	127	295	A	V
		2487.76	51.13	-22.87	74	47.69	33	7.25	36.81	127	295	P	V
		2487.64	41.4	-12.6	54	37.96	33	7.25	36.81	127	295	A	V
802.11b CH 12 2467MHz	*	2466	107.82	-	-	104.47	32.96	7.22	36.83	314	128	P	H
	*	2468	105.42	-	-	102.07	32.96	7.22	36.83	314	128	A	H
		2483.74	57.05	-16.95	74	53.64	32.98	7.25	36.82	314	128	P	H
		2483.98	50.91	-3.09	54	47.5	32.98	7.25	36.82	314	128	A	H
	*	2468	104.39	-	-	101.04	32.96	7.22	36.83	392	80	P	V
	*	2468	102.27	-	-	98.92	32.96	7.22	36.83	392	80	A	V
		2483.98	55.63	-18.37	74	52.22	32.98	7.25	36.82	392	80	P	V
		2483.98	49.54	-4.46	54	46.13	32.98	7.25	36.82	392	80	A	V
802.11b CH 13 2472MHz	*	2472	104.45	-	-	101.07	32.98	7.22	36.82	275	126	P	H
	*	2472	101.92	-	-	98.54	32.98	7.22	36.82	275	126	A	H
		2483.98	56.38	-17.62	74	52.97	32.98	7.25	36.82	275	126	P	H
		2487.34	50.78	-3.22	54	47.37	32.98	7.25	36.82	275	126	A	H
	*	2472	101.36	-	-	97.98	32.98	7.22	36.82	394	81	P	V
	*	2472	99.12	-	-	95.74	32.98	7.22	36.82	394	81	A	V
		2483.98	55.04	-18.96	74	51.63	32.98	7.25	36.82	394	81	P	V
		2483.86	49.24	-4.76	54	45.83	32.98	7.25	36.82	394	81	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4830	44.69	-29.31	74	65.62	34.2	10.25	65.38	300	0	P	H
		4830	46.42	-27.58	74	67.35	34.2	10.25	65.38	100	0	P	V
802.11b CH 06 2437MHz		4875	46.15	-27.85	74	67.05	34.23	10.29	65.42	300	0	P	H
		7305	51.26	-22.74	74	68.59	35.86	12.72	65.91	217	330	P	H
		7305	46.99	-7.01	54	64.32	35.86	12.72	65.91	217	330	A	H
		4875	47.3	-26.7	74	68.2	34.23	10.29	65.42	100	0	P	V
		7305	46.89	-27.11	74	64.22	35.86	12.72	65.91	100	0	P	V
802.11b CH 11 2462MHz		4920	47.5	-26.5	74	68.35	34.26	10.34	65.45	300	0	P	H
		7380	51.38	-22.62	74	68.88	35.88	12.73	66.11	175	331	P	H
		7380	46.92	-7.08	54	64.42	35.88	12.73	66.11	175	331	A	H
		4920	48.84	-25.16	74	69.69	34.26	10.34	65.45	100	0	P	V
		7380	47.56	-26.44	74	65.06	35.88	12.73	66.11	100	0	P	V
802.11b CH 12 2467MHz	*	4935	45.76	-28.24	74	66.58	34.26	10.37	65.45	300	0	P	H
	*	7401	47.26	-26.74	74	64.86	35.88	12.73	66.21	300	0	P	H
		4935	46.12	-27.88	74	66.94	34.26	10.37	65.45	100	0	P	V
		7401	45.48	-28.52	74	63.08	35.88	12.73	66.21	100	0	P	V
802.11b CH 13 2472MHz		4950	42.43	-31.57	74	63.23	34.27	10.39	65.46	300	0	P	H
		7416	43.37	-30.63	74	60.94	35.88	12.76	66.21	300	0	P	H
		4950	43.29	-30.71	74	64.09	34.27	10.39	65.46	100	0	P	V
		7416	42.72	-31.28	74	60.29	35.88	12.76	66.21	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2389.95	60.57	-13.43	74	57.45	32.88	7.1	36.86	357	137	P	H
		2389.95	48.16	-5.84	54	45.04	32.88	7.1	36.86	357	137	A	H
	*	2412	111.05	-	-	107.87	32.9	7.13	36.85	357	137	P	H
	*	2414	103.58	-	-	100.4	32.9	7.13	36.85	357	137	A	H
		2389.69	55.94	-18.06	74	52.82	32.88	7.1	36.86	116	260	P	V
		2372.01	45.32	-8.68	54	42.26	32.86	7.07	36.87	116	260	A	V
	*	2410	108.37	-	-	105.19	32.9	7.13	36.85	116	260	P	V
	*	2410	101	-	-	97.82	32.9	7.13	36.85	116	260	A	V
802.11g CH 06 2437MHz		2387.35	53.56	-20.44	74	50.44	32.88	7.1	36.86	312	220	P	H
		2389.56	42.57	-11.43	54	39.45	32.88	7.1	36.86	312	220	A	H
	*	2438	110.29	-	-	107	32.94	7.19	36.84	312	220	P	H
	*	2438	102.83	-	-	99.54	32.94	7.19	36.84	312	220	A	H
		2483.68	53.78	-20.22	74	50.37	32.98	7.25	36.82	312	220	P	H
		2483.56	42.47	-11.53	54	39.06	32.98	7.25	36.82	312	220	A	H
		2388.52	52.44	-21.56	74	49.32	32.88	7.1	36.86	133	260	P	V
		2389.95	42.08	-11.92	54	38.96	32.88	7.1	36.86	133	260	A	V
	*	2436	108.82	-	-	105.56	32.92	7.19	36.85	133	260	P	V
	*	2436	101.34	-	-	98.08	32.92	7.19	36.85	133	260	A	V
		2483.5	50.54	-23.46	74	47.13	32.98	7.25	36.82	133	260	P	V
		2483.5	40.22	-13.78	54	36.81	32.98	7.25	36.82	133	260	A	V
802.11g CH 11 2462MHz	*	2460	110.88	-	-	107.53	32.96	7.22	36.83	311	135	P	H
	*	2462	103.16	-	-	99.81	32.96	7.22	36.83	311	135	A	H
		2483.5	60.15	-13.85	74	56.74	32.98	7.25	36.82	311	135	P	H
		2483.8	47.3	-6.7	54	43.89	32.98	7.25	36.82	311	135	A	H
	*	2462	107.9	-	-	104.55	32.96	7.22	36.83	129	265	P	V
	*	2462	100.81	-	-	97.46	32.96	7.22	36.83	129	265	A	V
		2483.74	54.48	-19.52	74	51.07	32.98	7.25	36.82	129	265	P	V
		2483.5	42.71	-11.29	54	39.3	32.98	7.25	36.82	129	265	A	V



Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 12 2467MHz	*	2468	107.8	-	-	104.45	32.96	7.22	36.83	311	138	P	H
	*	2468	100.57	-	-	97.22	32.96	7.22	36.83	311	138	A	H
		2484.58	64.18	-9.82	74	60.77	32.98	7.25	36.82	311	138	P	H
		2483.5	50.91	-3.09	54	47.5	32.98	7.25	36.82	311	138	A	H
	*	2470	106.14	-	-	102.79	32.96	7.22	36.83	394	77	P	V
	*	2468	98.27	-	-	94.92	32.96	7.22	36.83	394	77	A	V
		2484.58	61.64	-12.36	74	58.23	32.98	7.25	36.82	394	77	P	V
		2483.5	49.48	-4.52	54	46.07	32.98	7.25	36.82	394	77	A	V
802.11g CH 13 2472MHz	*	2474	104.81	-	-	101.4	32.98	7.25	36.82	275	137	P	H
	*	2472	97.64	-	-	94.26	32.98	7.22	36.82	275	137	A	H
		2484.04	61.61	-12.39	74	58.2	32.98	7.25	36.82	275	137	P	H
		2484.16	50.49	-3.51	54	47.08	32.98	7.25	36.82	275	137	A	H
	*	2472	103.8	-	-	100.42	32.98	7.22	36.82	395	78	P	V
	*	2472	95.84	-	-	92.46	32.98	7.22	36.82	395	78	A	V
		2483.86	59.61	-14.39	74	56.2	32.98	7.25	36.82	395	78	P	V
		2484.22	49.52	-4.48	54	46.11	32.98	7.25	36.82	395	78	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4830	42.77	-31.23	74	63.7	34.2	10.25	65.38	300	0	P	H
		4830	43.07	-30.93	74	64	34.2	10.25	65.38	100	0	P	V
802.11g CH 06 2437MHz		4875	42.45	-31.55	74	63.35	34.23	10.29	65.42	300	0	P	H
		7305	52.55	-21.45	74	69.88	35.86	12.72	65.91	225	330	P	H
		7305	40.19	-13.81	54	57.52	35.86	12.72	65.91	225	330	A	H
		4875	43.7	-30.3	74	64.6	34.23	10.29	65.42	100	0	P	V
		7305	45.78	-28.22	74	63.11	35.86	12.72	65.91	100	0	P	V
802.11g CH 11 2462MHz		4920	45.37	-28.63	74	66.22	34.26	10.34	65.45	300	0	P	H
		7380	51.28	-22.72	74	68.78	35.88	12.73	66.11	345	310	P	H
		7380	40.28	-13.72	54	57.78	35.88	12.73	66.11	345	310	A	H
		4920	45.62	-28.38	74	66.47	34.26	10.34	65.45	100	0	P	V
		7380	46.72	-27.28	74	64.22	35.88	12.73	66.11	100	0	P	V
802.11g CH 12 2467MHz		4935	42.03	-31.97	74	62.85	34.26	10.37	65.45	300	0	P	H
		7401	44.04	-29.96	74	61.64	35.88	12.73	66.21	300	0	P	H
		4935	41.88	-32.12	74	62.7	34.26	10.37	65.45	100	0	P	V
		7401	42.42	-31.58	74	60.02	35.88	12.73	66.21	100	0	P	V
802.11g CH 13 2472MHz		4950	40.48	-33.52	74	61.28	34.27	10.39	65.46	300	0	P	H
		7416	42.04	-31.96	74	59.61	35.88	12.76	66.21	300	0	P	H
		4950	40.41	-33.59	74	61.21	34.27	10.39	65.46	100	0	P	V
		7416	42.15	-31.85	74	59.72	35.88	12.76	66.21	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2388.39	58.85	-15.15	74	55.73	32.88	7.1	36.86	357	139	P	H
		2389.95	47.09	-6.91	54	43.97	32.88	7.1	36.86	357	139	A	H
	*	2414	110.69	-	-	107.51	32.9	7.13	36.85	357	139	P	H
	*	2412	103.02	-	-	99.84	32.9	7.13	36.85	357	139	A	H
		2384.1	54.76	-19.24	74	51.67	32.86	7.1	36.87	116	258	P	V
		2389.95	43.99	-10.01	54	40.87	32.88	7.1	36.86	116	258	A	V
	*	2414	107.78	-	-	104.6	32.9	7.13	36.85	116	258	P	V
	*	2412	100.18	-	-	97	32.9	7.13	36.85	116	258	A	V
802.11n HT20 CH 06 2437MHz		2389.56	53.01	-20.99	74	49.89	32.88	7.1	36.86	312	220	P	H
		2389.95	42.77	-11.23	54	39.65	32.88	7.1	36.86	312	220	A	H
	*	2438	108.76	-	-	105.47	32.94	7.19	36.84	312	220	P	H
	*	2438	101.99	-	-	98.7	32.94	7.19	36.84	312	220	A	H
		2483.5	53.94	-20.06	74	50.53	32.98	7.25	36.82	312	220	P	H
		2483.5	42.45	-11.55	54	39.04	32.98	7.25	36.82	312	220	A	H
		2388.13	52.3	-21.7	74	49.18	32.88	7.1	36.86	133	260	P	V
		2389.95	42.04	-11.96	54	38.92	32.88	7.1	36.86	133	260	A	V
	*	2436	107.9	-	-	104.64	32.92	7.19	36.85	133	260	P	V
	*	2436	100.58	-	-	97.32	32.92	7.19	36.85	133	260	A	V
		2483.74	50.48	-23.52	74	47.07	32.98	7.25	36.82	133	260	P	V
		2483.56	40.18	-13.82	54	36.77	32.98	7.25	36.82	133	260	A	V
802.11n HT20 CH 11 2462MHz	*	2462	110.69	-	-	107.34	32.96	7.22	36.83	310	146	P	H
	*	2462	102.79	-	-	99.44	32.96	7.22	36.83	310	146	A	H
		2484.34	59.34	-14.66	74	55.93	32.98	7.25	36.82	310	146	P	H
		2483.74	46.93	-7.07	54	43.52	32.98	7.25	36.82	310	146	A	H
	*	2464	107.39	-	-	104.04	32.96	7.22	36.83	127	264	P	V
	*	2464	100.5	-	-	97.15	32.96	7.22	36.83	127	264	A	V
		2483.8	55	-19	74	51.59	32.98	7.25	36.82	127	264	P	V
		2483.56	42.52	-11.48	54	39.11	32.98	7.25	36.82	127	264	A	V



Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 12 2467MHz	*	2462	107.5	-	-	104.15	32.96	7.22	36.83	312	144	P	H
	*	2466	99.79	-	-	96.44	32.96	7.22	36.83	312	144	A	H
		2485.06	63.45	-10.55	74	60.04	32.98	7.25	36.82	312	144	P	H
		2483.5	50.85	-3.15	54	47.44	32.98	7.25	36.82	312	144	A	H
	*	2470	105.06	-	-	101.71	32.96	7.22	36.83	392	79	P	V
	*	2468	97.25	-	-	93.9	32.96	7.22	36.83	392	79	A	V
		2483.86	60.97	-13.03	74	57.56	32.98	7.25	36.82	392	79	P	V
		2483.5	48.74	-5.26	54	45.33	32.98	7.25	36.82	392	79	A	V
802.11n HT20 CH 13 2472MHz	*	2474	100.98	-	-	97.57	32.98	7.25	36.82	275	136	P	H
	*	2470	93.66	-	-	90.31	32.96	7.22	36.83	275	136	A	H
		2484.94	60.86	-13.14	74	57.45	32.98	7.25	36.82	275	136	P	H
		2483.5	50.37	-3.63	54	46.96	32.98	7.25	36.82	275	136	A	H
	*	2472	100.59	-	-	97.21	32.98	7.22	36.82	394	77	P	V
	*	2472	91.7	-	-	88.32	32.98	7.22	36.82	394	77	A	V
		2483.62	60.96	-13.04	74	57.55	32.98	7.25	36.82	394	77	P	V
		2483.5	49.5	-4.5	54	46.09	32.98	7.25	36.82	394	77	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		4830	42.61	-31.39	74	63.54	34.2	10.25	65.38	300	0	P	H
		4830	41.81	-32.19	74	62.74	34.2	10.25	65.38	100	0	P	V
802.11n HT20 CH 06 2437MHz		4875	41.76	-32.24	74	62.66	34.23	10.29	65.42	300	0	P	H
		7305	47.77	-26.23	74	65.1	35.86	12.72	65.91	300	0	P	H
		4875	43.5	-30.5	74	64.4	34.23	10.29	65.42	100	0	P	V
		7305	45.31	-28.69	74	62.64	35.86	12.72	65.91	100	0	P	V
802.11n HT20 CH 11 2462MHz		4920	45.83	-28.17	74	66.68	34.26	10.34	65.45	300	0	P	H
		7380	48.85	-25.15	74	66.35	35.88	12.73	66.11	300	0	P	H
		4920	44.34	-29.66	74	65.19	34.26	10.34	65.45	100	0	P	V
		7380	46.05	-27.95	74	63.55	35.88	12.73	66.11	100	0	P	V
802.11n HT20 CH 12 2467MHz		4935	41.06	-32.94	74	61.88	34.26	10.37	65.45	300	0	P	H
		7401	43.88	-30.12	74	61.48	35.88	12.73	66.21	300	0	P	H
		4935	41.85	-32.15	74	62.67	34.26	10.37	65.45	100	0	P	V
		7401	42.96	-31.04	74	60.56	35.88	12.73	66.21	100	0	P	V
802.11n HT20 CH 13 2472MHz		4950	41.4	-32.6	74	62.2	34.27	10.39	65.46	300	0	P	H
		7416	41.95	-32.05	74	59.52	35.88	12.76	66.21	300	0	P	H
		4950	40.31	-33.69	74	61.11	34.27	10.39	65.46	100	0	P	V
		7416	42.36	-31.64	74	59.93	35.88	12.76	66.21	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		57.16	25.91	-14.09	40	44.59	13.1	1.13	32.91	-	-	P	H
		167.74	23.94	-19.56	43.5	38.74	16.06	1.97	32.83	-	-	P	H
		337.49	32.22	-13.78	46	42.17	20.15	2.8	32.9	-	-	P	H
		415.09	35.29	-10.71	46	43.15	21.93	3.11	32.9	-	-	P	H
		448.07	35.63	-10.37	46	42.95	22.5	3.23	33.05	-	-	P	H
		800.18	32.22	-13.78	46	34.38	26.26	4.32	32.74	-	-	P	H
		38.73	33.09	-6.91	40	45.35	19.78	0.89	32.93	-	-	P	V
		107.6	30.62	-12.88	43.5	44.95	16.96	1.57	32.86	-	-	P	V
		273.47	33.96	-12.04	46	45.39	18.84	2.52	32.79	-	-	P	V
		429.64	27.79	-18.21	46	35.42	22.18	3.16	32.97	-	-	P	V
		558.65	29.11	-16.89	46	33.52	25.08	3.61	33.1	-	-	P	V
		851.59	29.6	-16.4	46	30.91	26.59	4.46	32.36	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	Peak or Average
H/V	Horizontal or Vertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)

2. Level(dBμV/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

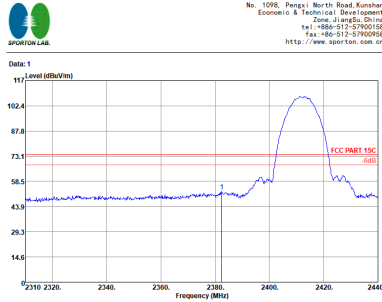
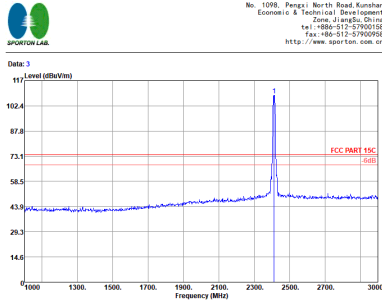
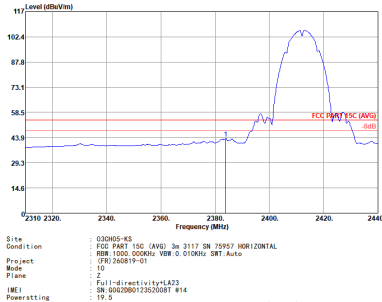
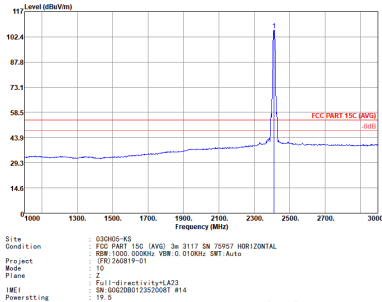
Note symbol

-L	Low channel location
-R	High channel location

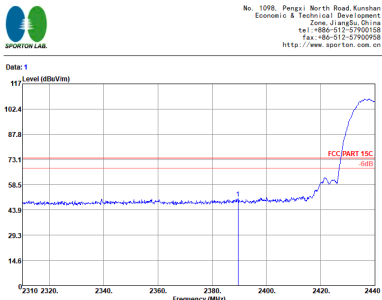
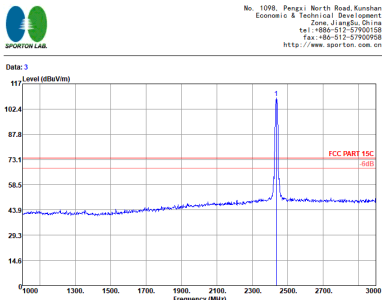
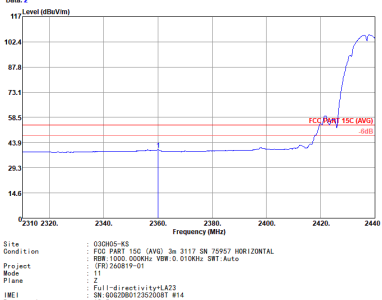
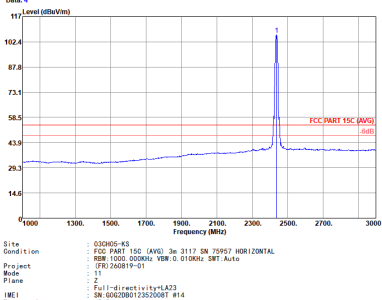


2.4GHz 2400~2483.5MHz

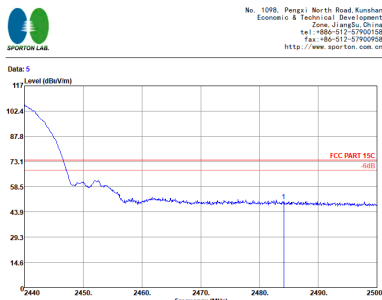
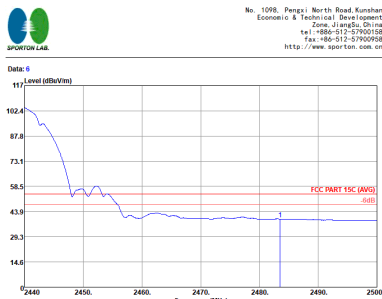
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																																																										
ANT	802.11b CH01 2412MHz																																																																																																																																																										
1	Horizontal	Fundamental																																																																																																																																																									
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Mode : (FR)240819-01 Plane : Z Full-directivityLA23 SN 0002080123020087 #14 IMEI PowerSetting : 10.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2382.41</td><td>52.86</td><td>-21.14</td><td>74.00</td><td>49.77</td><td>32.86</td><td>7.10</td><td>36.87</td><td>300</td><td>124</td><td>Peak</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Mode : (FR)240819-01 Plane : Z Full-directivityLA23 SN 0002080123020087 #14 IMEI PowerSetting : 10.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2412.00</td><td>108.54</td><td>34.54</td><td>74.00</td><td>105.36</td><td>32.90</td><td>7.13</td><td>36.85</td><td>300</td><td>124</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor		MHz	dBm/Vm	dB	dBm/Vm	dB	dB	dB	cn	deg	1	2382.41	52.86	-21.14	74.00	49.77	32.86	7.10	36.87	300	124	Peak	HORIZONTAL	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor		MHz	dBm/Vm	dB	dBm/Vm	dB	dB	dB	cn	deg	1	2412.00	108.54	34.54	74.00	105.36	32.90	7.13	36.85	300	124	Peak	HORIZONTAL	Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C (AVG) 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3.0100KHz SRT Auto Mode : (FR)240819-01 Plane : Z Full-directivityLA23 SN 0002080123020087 #14 IMEI PowerSetting : 10.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2383.84</td><td>43.40</td><td>-10.60</td><td>54.00</td><td>40.31</td><td>32.86</td><td>7.10</td><td>36.87</td><td>300</td><td>124</td><td>Average</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C (AVG) 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3.0100KHz SRT Auto Mode : (FR)240819-01 Plane : Z Full-directivityLA23 SN 0002080123020087 #14 IMEI PowerSetting : 10.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2412.00</td><td>106.18</td><td>52.18</td><td>54.00</td><td>103.00</td><td>32.90</td><td>7.13</td><td>36.85</td><td>300</td><td>124</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor		MHz	dBm/Vm	dB	dBm/Vm	dB	dB	dB	cn	deg	1	2383.84	43.40	-10.60	54.00	40.31	32.86	7.10	36.87	300	124	Average	HORIZONTAL	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor		MHz	dBm/Vm	dB	dBm/Vm	dB	dB	dB	cn	deg	1	2412.00	106.18	52.18	54.00	103.00	32.90	7.13	36.85	300	124	Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																			
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MHz	dBm/Vm	dB	dBm/Vm	dB	dB	dB	cn	deg																																																																																																																																																			
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MHz	dBm/Vm	dB	dBm/Vm	dB	dB	dB	cn	deg																																																																																																																																																			
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WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	The plot shows the peak power spectral density across the 2.4GHz band. A sharp peak is visible at 2437 MHz, reaching approximately 102.4 dBm. The y-axis ranges from 14.6 to 117 dBm, and the x-axis ranges from 2310 to 2440 MHz. Site : 030805-KS Condition : FCC PART 15C 3e 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VER:3000 000KHz SMT:Auto Bode : (FR)260819-01 Plane : 1 Full-directivityLA23 SN 00000012500001 #14 PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2389.56 50.38 -23.62 74.00 47.26 32.88 7.10 36.86 312 222 Peak HORIZONTAL	The plot shows the peak power spectral density across the 2.4GHz band. A sharp peak is visible at 2437 MHz, reaching approximately 102.4 dBm. The y-axis ranges from 14.6 to 117 dBm, and the x-axis ranges from 2310 to 2440 MHz. Site : 030805-KS Condition : FCC PART 15C 3e 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VER:3000 000KHz SMT:Auto Bode : (FR)260819-01 Plane : 1 Full-directivityLA23 SN 00000012500001 #14 PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2436.00 108.98 34.98 74.00 105.72 32.92 7.19 36.85 312 222 Peak HORIZONTAL
Avg.	The plot shows the average power spectral density across the 2.4GHz band. A broad peak is visible at 2437 MHz, reaching approximately 102.4 dBm. The y-axis ranges from 14.6 to 117 dBm, and the x-axis ranges from 2310 to 2440 MHz. Site : 030805-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VER:3.0100KHz SMT:Auto Bode : (FR)260819-01 Plane : 1 Full-directivityLA23 SN 00000012500001 #14 PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2360.05 39.70 -14.30 54.00 36.68 32.83 7.07 36.88 312 222 Average HORIZONTAL	The plot shows the average power spectral density across the 2.4GHz band. A broad peak is visible at 2437 MHz, reaching approximately 102.4 dBm. The y-axis ranges from 14.6 to 117 dBm, and the x-axis ranges from 2310 to 2440 MHz. Site : 030805-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VER:3.0100KHz SMT:Auto Bode : (FR)260819-01 Plane : 1 Full-directivityLA23 SN 00000012500001 #14 PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2438.00 106.52 52.52 54.00 103.23 32.94 7.19 36.84 312 222 Average HORIZONTAL

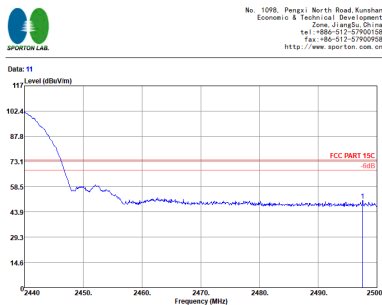
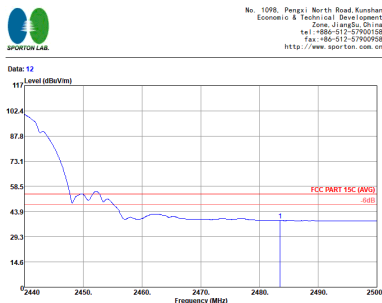


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																			
ANT	802.11b CH06 2437MHz - R																																			
1	Horizontal	Fundamental																																		
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VSW: 3000 000KHz SWT Auto Bode : 1 Plane : 2 Full-directivity: L23 IMEI : SN 860206012503081 #14 Power setting : 10.5 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2484.16</td><td>50.27</td><td>-23.73</td><td>74.00</td><td>46.86</td><td>32.98</td><td>7.25</td><td>36.82</td><td>312</td><td>222 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		1	2484.16	50.27	-23.73	74.00	46.86	32.98	7.25	36.82	312	222 Peak	HORIZONTAL	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																											
1	2484.16	50.27	-23.73	74.00	46.86	32.98	7.25	36.82	312	222 Peak	HORIZONTAL																									
Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K3 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VSW: 3.0100KHz SWT Auto Bode : 1 Plane : 2 Full-directivity: L23 IMEI : SN 860206012503081 #14 Power setting : 10.5 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2483.50</td><td>39.51</td><td>-14.49</td><td>54.00</td><td>36.10</td><td>32.98</td><td>7.25</td><td>36.82</td><td>312</td><td>222 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		1	2483.50	39.51	-14.49	54.00	36.10	32.98	7.25	36.82	312	222 Average	HORIZONTAL	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																											
1	2483.50	39.51	-14.49	54.00	36.10	32.98	7.25	36.82	312	222 Average	HORIZONTAL																									



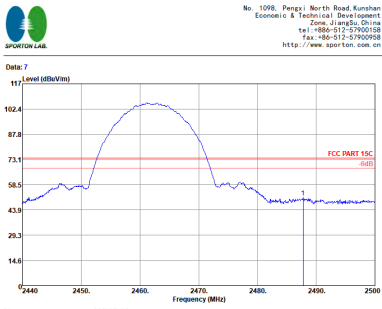
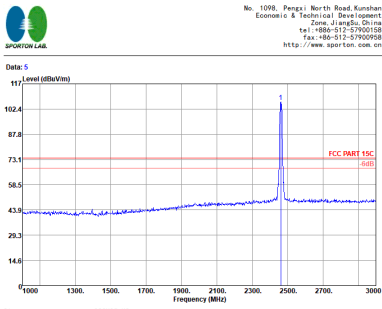
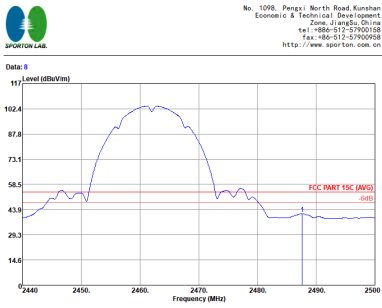
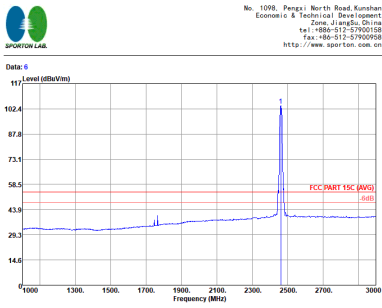
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak	Site : 030805-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000kHz VER:3000 000kHz SMT:Auto Bode : (FR)260819-01 Plane : 1 Full-directivityLA23 SN 0000000125030087 #14 IMEI : PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2364.08 50.58 -23.42 74.00 47.56 32.83 7.07 36.88 107 293 Peak VERTICAL	Site : 030805-KS Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000kHz VER:3000 000kHz SMT:Auto Bode : (FR)260819-01 Plane : 2 Full-directivityLA23 SN 0000000125030087 #14 IMEI : PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 * 2436.00 104.47 32.47 74.00 103.21 32.92 7.19 36.85 107 293 Peak VERTICAL
	Site : 030805-KS Condition : FCC PART 15C (Ave) 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000kHz VER:3.010000 SMT:Auto Bode : (FR)260819-01 Plane : 1 Full-directivityLA23 SN 0000000125030087 #14 IMEI : PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2365.15 39.48 -14.52 54.00 36.49 32.83 7.04 36.88 107 293 Average VERTICAL	Site : 030805-KS Condition : FCC PART 15C (Ave) 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000kHz VER:3.010000 SMT:Auto Bode : (FR)260819-01 Plane : 2 Full-directivityLA23 SN 0000000125030087 #14 IMEI : PowerSetting : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 * 2436.00 104.11 50.11 54.00 100.85 32.92 7.19 36.85 107 293 Average VERTICAL



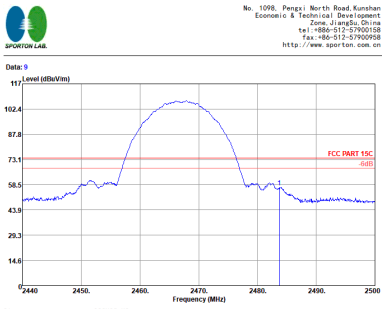
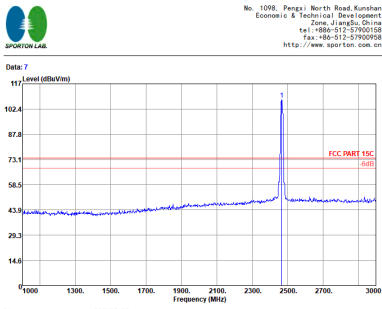
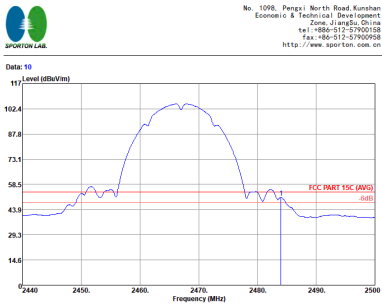
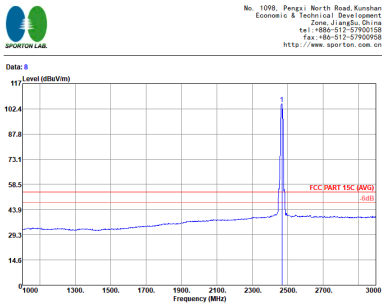
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																		
ANT	802.11b CH06 2437MHz - R																																		
1	Vertical	Fundamental																																	
Peak	 Site : 030805-KS Condition : FCC PART 15C 3e 3117 SN 75957 VERTICAL Project : RSM 1000 000kHz V98 3000 000kHz DFT:Auto Bode : FR260819-01 Plane : 1 Mode : 2 Full-directivity:LA23 IMEI : SN:802080712530081 #14 Power setting : 10.5 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2497.94</td><td>50.52</td><td>-23.48</td><td>74.00</td><td>47.05</td><td>33.00</td><td>7.28</td><td>36.81</td><td>107</td><td>293</td><td>Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	2497.94	50.52	-23.48	74.00	47.05	33.00	7.28	36.81	107	293	Peak	VERTICAL	Left blank
	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phase																									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																										
1	2497.94	50.52	-23.48	74.00	47.05	33.00	7.28	36.81	107	293	Peak	VERTICAL																							
Avg.	 Site : 030805-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 VERTICAL Project : RSM 1000 000kHz V98 3000 000kHz DFT:Auto Bode : FR260819-01 Plane : 1 Mode : 2 Full-directivity:LA23 IMEI : SN:802080712530081 #14 Power setting : 10.5 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.50</td><td>38.72</td><td>-15.28</td><td>54.00</td><td>35.31</td><td>32.98</td><td>7.25</td><td>36.82</td><td>107</td><td>293</td><td>Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	2483.50	38.72	-15.28	54.00	35.31	32.98	7.25	36.82	107	293	Average	VERTICAL	Left blank
	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phase																									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																										
1	2483.50	38.72	-15.28	54.00	35.31	32.98	7.25	36.82	107	293	Average	VERTICAL																							

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	SPORTON LAB. No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn SPORTON LAB. Date: 3 Level (dBuV/m) 117 102.4 87.8 73.1 58.5 43.9 29.3 14.6 2440 2450 2460 2470 2480 2490 2500 FCC PART 15C dBu Frequency (MHz) Site Condition Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane IMEI PowerSetting 030805-KS FCC PART 15C 3m 3117 SN 79597 HORIZONTAL RBW 1000.000kHz VBW 3000.000kHz SMT Auto Project Mode Plane	

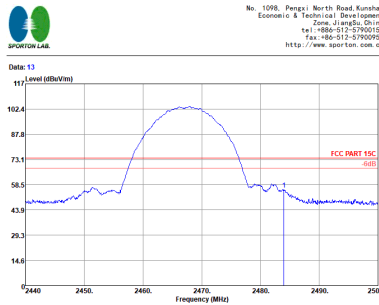
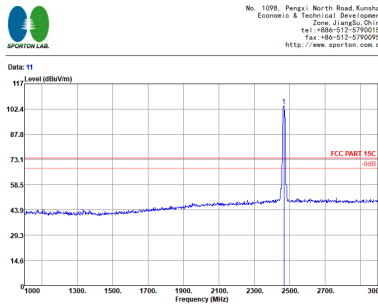
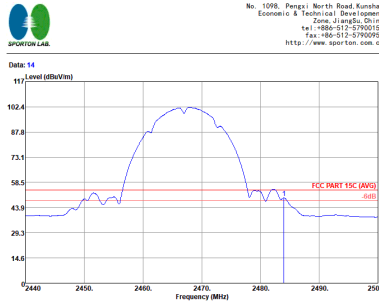
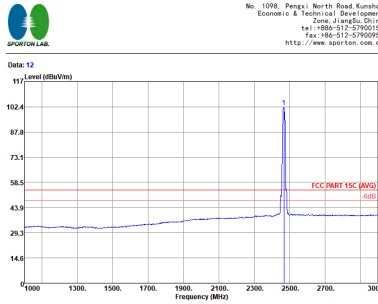
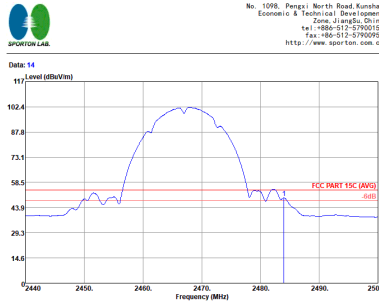
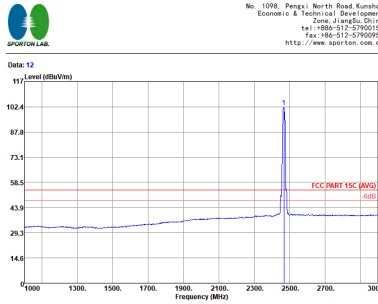
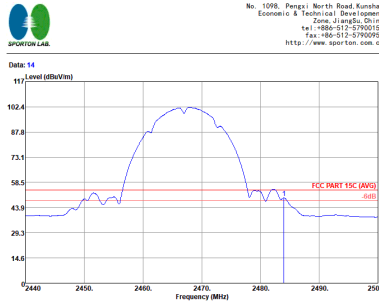
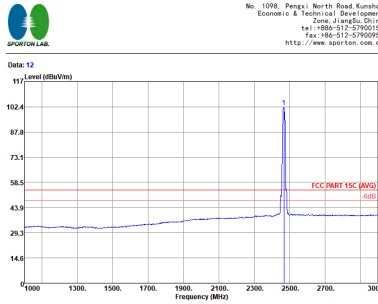


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000MHz VBR 3000 000MHz SMT Auto Bode : (FR)260819-01 Plane : 2 Full-directivityLA23 SN 0000000125030087 #14 IMEI PowerRating : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2487.76 51.13 -22.87 74.00 47.69 33.00 7.25 36.81 127 295 Peak VERTICAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000MHz VBR 3000 000MHz SMT Auto Bode : (FR)260819-01 Plane : 2 Full-directivityLA23 SN 0000000125030087 #14 IMEI PowerRating : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2462.00 106.65 32.65 74.00 103.30 32.96 7.22 36.83 127 295 Peak VERTICAL
	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000MHz VBR 3000 000MHz SMT Auto Bode : (FR)260819-01 Plane : 2 Full-directivityLA23 SN 0000000125030087 #14 IMEI PowerRating : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2487.64 41.40 -12.60 54.00 37.96 33.00 7.25 36.81 127 295 Average VERTICAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : RSM 1000 000MHz VBR 3000 000MHz SMT Auto Bode : (FR)260819-01 Plane : 2 Full-directivityLA23 SN 0000000125030087 #14 IMEI PowerRating : 19.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cn deg 1 2462.00 104.21 50.21 54.00 100.86 32.96 7.22 36.83 127 295 Average VERTICAL

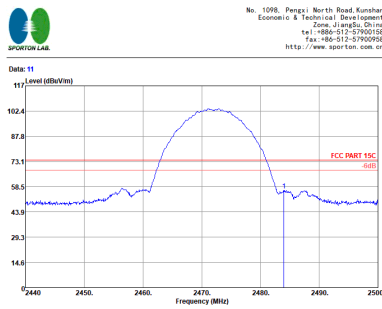
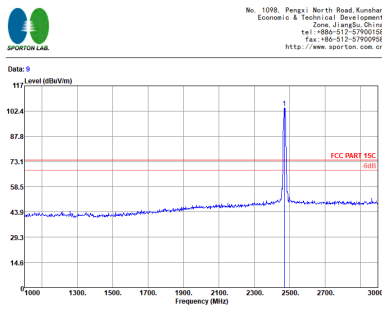
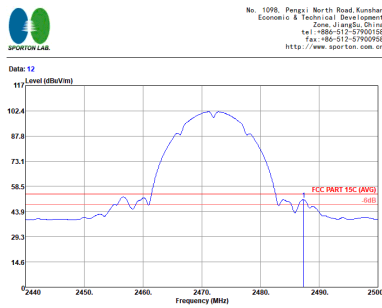
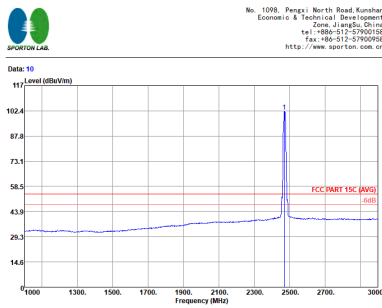


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Horizontal	Fundamental
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBW 1000.000kHz VBW 3000.000kHz SFT Auto R01 260819-01 Mode : 57 Plane : 2 Full-directivityLA23 SN 606080122030087 #14 IMEI PowerSetting : 17.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phase Freq Level Limit Line Level Factor Loss Factor cn deg 1 2483.74 57.05 -16.95 74.00 53.64 32.98 7.25 36.82 314 128 Peak HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RBW 1000.000kHz VBW 3000.000kHz SFT Auto R01 260819-01 Mode : 57 Plane : 2 Full-directivityLA23 SN 606080122030087 #14 IMEI PowerSetting : 17.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phase Freq Level Limit Line Level Factor Loss Factor cn deg 1 2466.00 107.82 33.82 74.00 104.47 32.96 7.22 36.83 314 128 Peak HORIZONTAL
Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto R01 260819-01 Mode : 57 Plane : 2 Full-directivityLA23 SN 606080122030087 #14 IMEI PowerSetting : 17.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phase Freq Level Limit Line Level Factor Loss Factor cn deg 1 2483.98 50.91 -3.09 54.00 47.50 32.98 7.25 36.82 314 128 Average HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030805-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RBW 1000.000kHz VBW 3.0100kHz SFT Auto R01 260819-01 Mode : 57 Plane : 2 Full-directivityLA23 SN 606080122030087 #14 IMEI PowerSetting : 17.5 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phase Freq Level Limit Line Level Factor Loss Factor cn deg 1 2468.00 105.42 51.42 54.00 102.07 32.96 7.22 36.83 314 128 Average HORIZONTAL

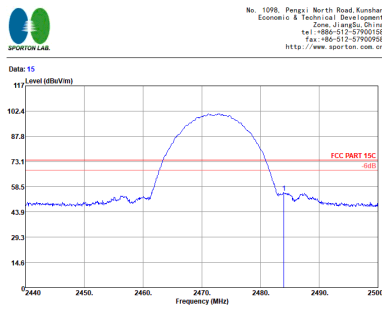
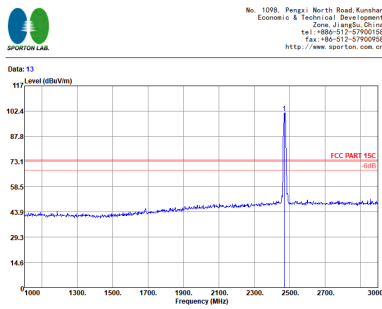
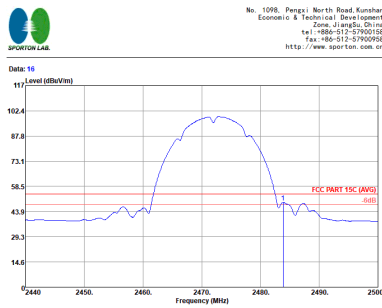
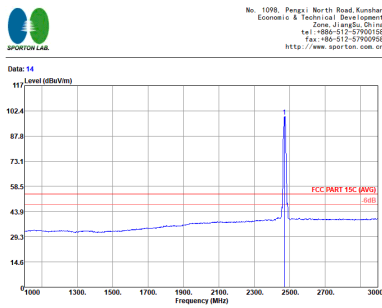
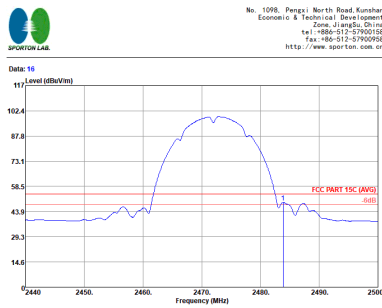
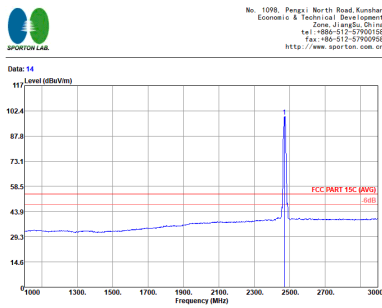
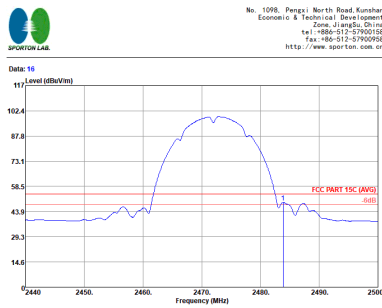
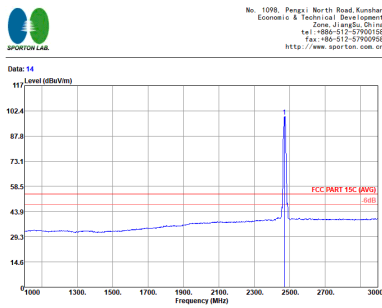


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																																																																																																		
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1	2487.34	50.78	-3.22	54.00	47.37	32.98	7.25	36.82	275	126	Average	HORIZONTAL																																																				
Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																								
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1	2472.00	101.92	47.92	54.00	98.54	32.98	7.22	36.82	275	126	Average	HORIZONTAL																																																				

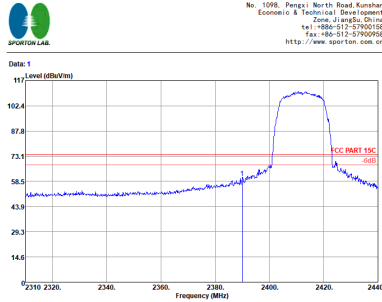
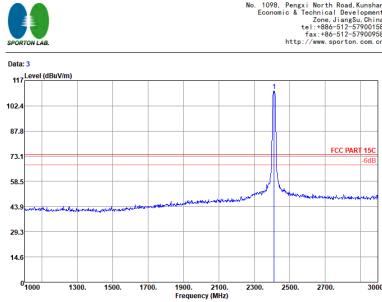
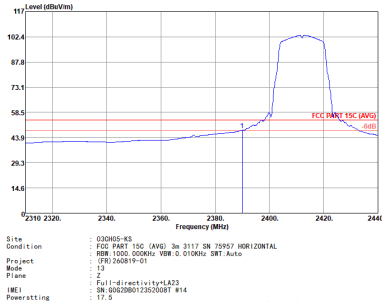
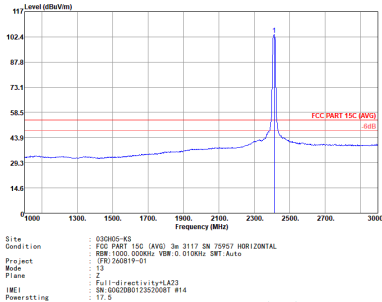


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																						
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1	Vertical	Fundamental																																																																																																																					
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2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

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Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VSW:3000 000KHz SRT:Auto Bode : (FR)260819-01 Plane : Z Full-directivity:LA23 SN:0002080123020081 #14 IMEI : PowerSetting : 12.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2389.95</td><td>60.57</td><td>-13.43</td><td>74.00</td><td>57.45</td><td>32.88</td><td>7.10</td><td>36.86</td><td>357</td><td>137</td><td>Peak</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VSW:3000 000KHz SRT:Auto Bode : (FR)260819-01 Plane : Z Full-directivity:LA23 SN:0002080123020081 #14 IMEI : PowerSetting : 12.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2412.00</td><td>111.05</td><td>37.05</td><td>74.00</td><td>107.87</td><td>32.90</td><td>7.13</td><td>36.85</td><td>357</td><td>137</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	dB	cn	deg	1	2389.95	60.57	-13.43	74.00	57.45	32.88	7.10	36.86	357	137	Peak	HORIZONTAL	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	dB	cn	deg	1	2412.00	111.05	37.05	74.00	107.87	32.90	7.13	36.85	357	137	Peak	HORIZONTAL	Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VSW:3.0100KHz SRT:Auto Bode : (FR)260819-01 Plane : Z Full-directivity:LA23 SN:0002080123020081 #14 IMEI : PowerSetting : 12.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2389.95</td><td>48.16</td><td>-5.84</td><td>54.00</td><td>45.04</td><td>32.88</td><td>7.10</td><td>36.86</td><td>357</td><td>137</td><td>Average</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K3 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000 000KHz VSW:3.0100KHz SRT:Auto Bode : (FR)260819-01 Plane : Z Full-directivity:LA23 SN:0002080123020081 #14 IMEI : PowerSetting : 12.5 <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm/Vm</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1</td><td>2414.00</td><td>103.58</td><td>49.58</td><td>54.00</td><td>100.40</td><td>32.90</td><td>7.13</td><td>36.85</td><td>357</td><td>137</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	dB	cn	deg	1	2389.95	48.16	-5.84	54.00	45.04	32.88	7.10	36.86	357	137	Average	HORIZONTAL	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	dB	cn	deg	1	2414.00	103.58	49.58	54.00	100.40	32.90	7.13	36.85	357	137	Average	HORIZONTAL
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