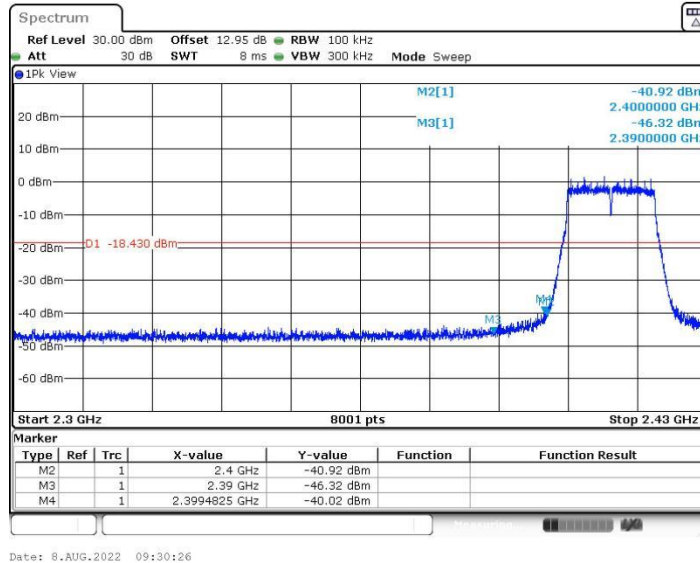
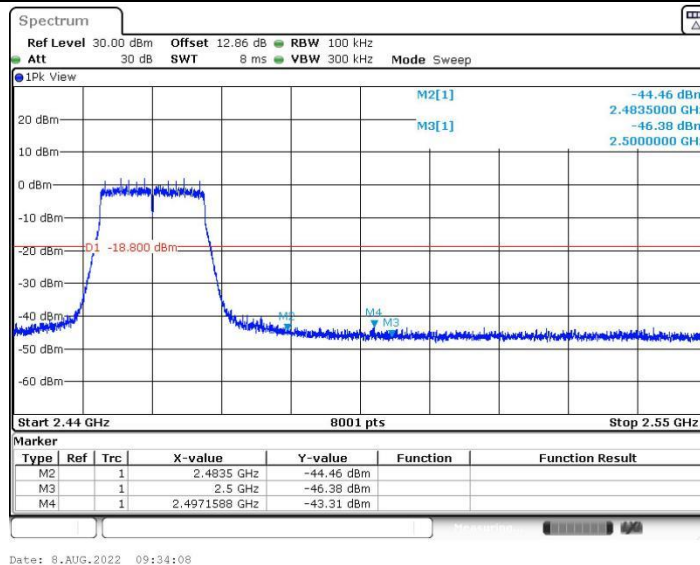




11G_Ant1_Low_2412

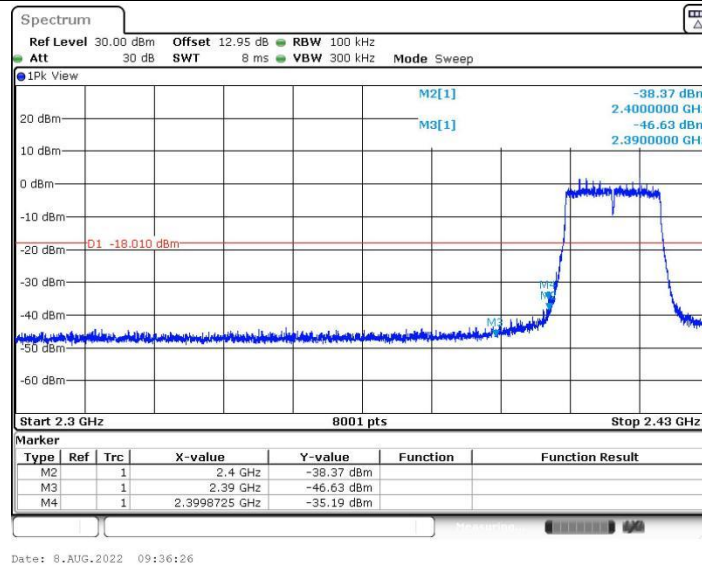


11G_Ant1_High_2462

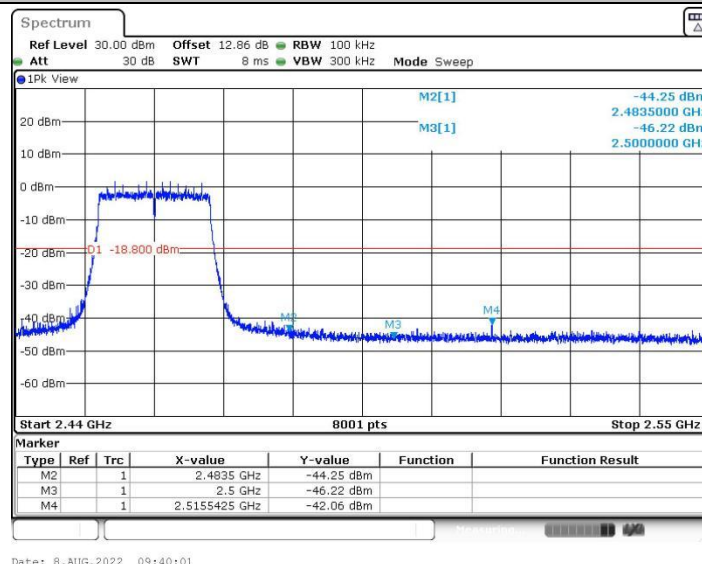




11N20SISO_Ant1_Low_2412

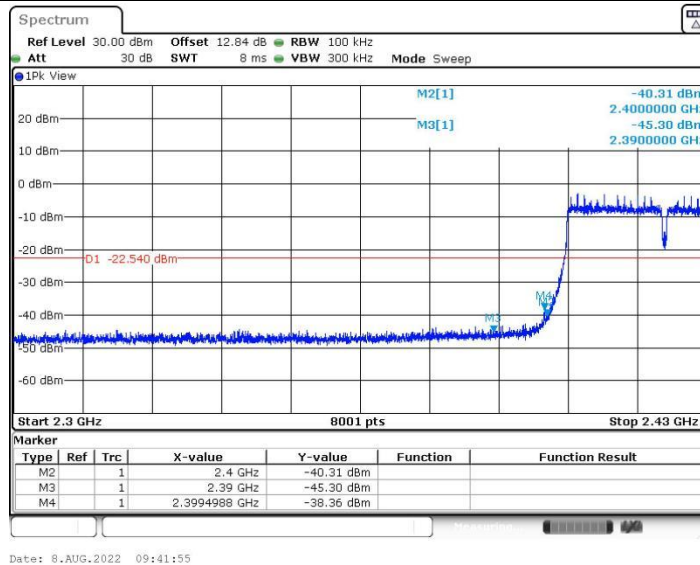


11N20SISO_Ant1_High_2462

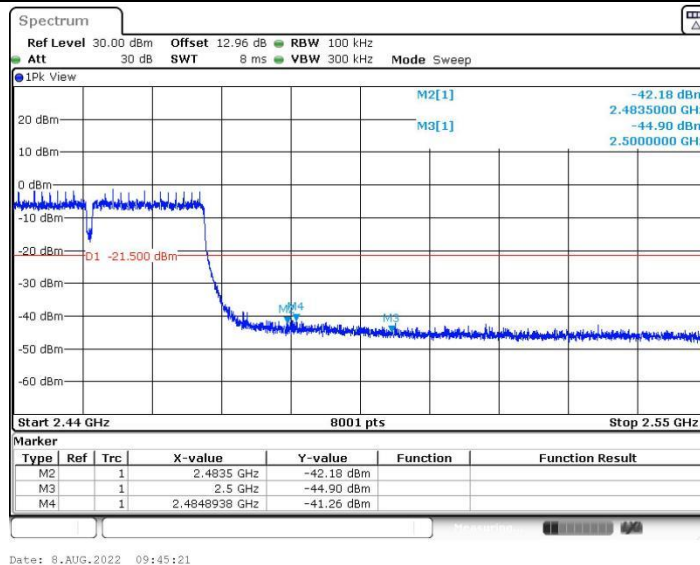




11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



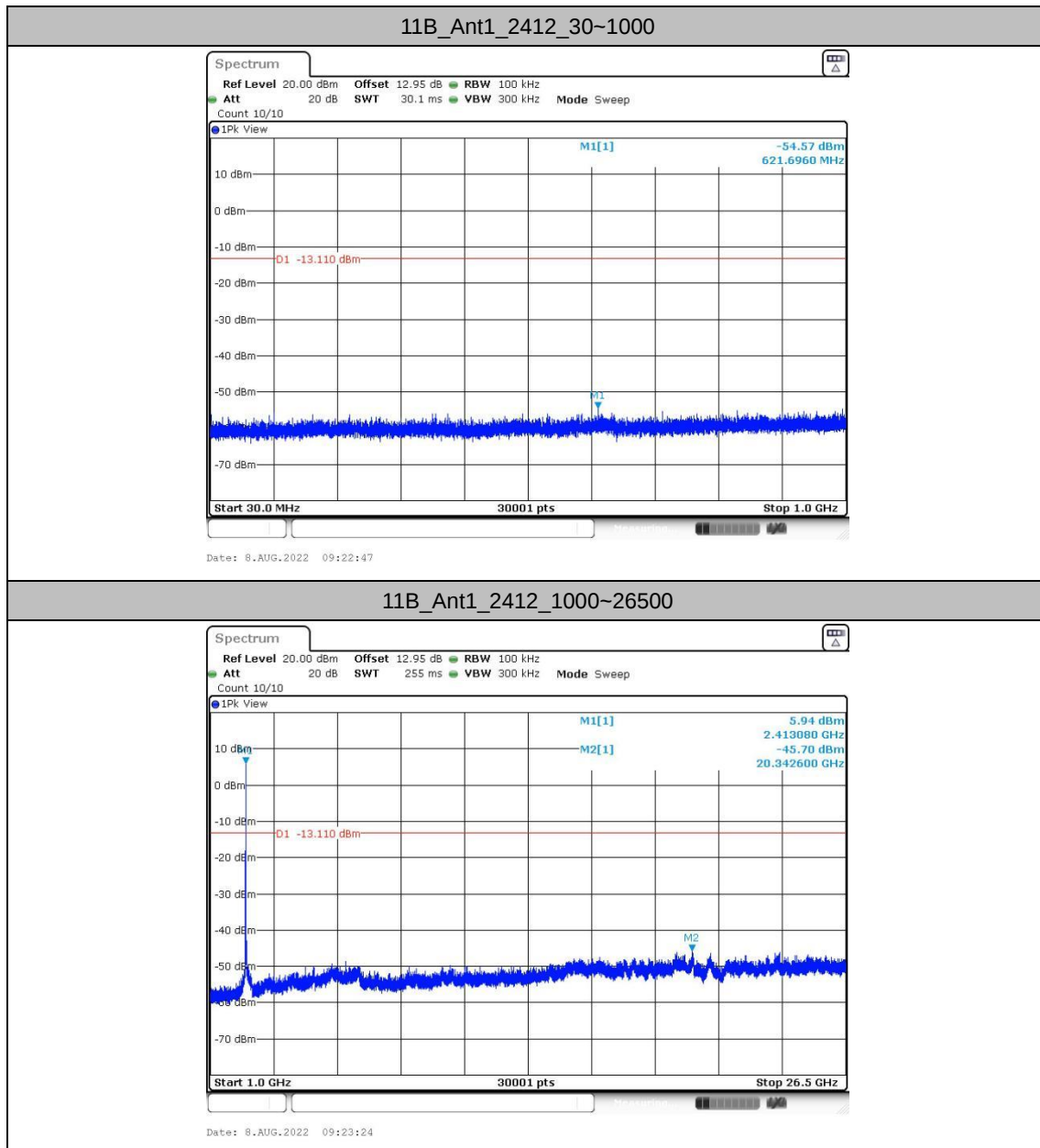
Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	6.89	-54.57	≤-13.11	PASS
			1000~26500	6.89	-45.7	≤-13.11	PASS
		2437	30~1000	4.71	-55.06	≤-15.29	PASS
			1000~26500	4.71	-46.15	≤-15.29	PASS
		2462	30~1000	4.54	-53.99	≤-15.46	PASS
			1000~26500	4.54	-45.74	≤-15.46	PASS
11G	Ant1	2412	30~1000	1.57	-54.84	≤-18.43	PASS
			1000~26500	1.57	-46.05	≤-18.43	PASS
		2437	30~1000	4.53	-54.97	≤-15.47	PASS
			1000~26500	4.53	-46.14	≤-15.47	PASS
		2462	30~1000	1.20	-55.51	≤-18.8	PASS
			1000~26500	1.20	-45.47	≤-18.8	PASS
11N20SISO	Ant1	2412	30~1000	1.99	-54.7	≤-18.01	PASS
			1000~26500	1.99	-46.47	≤-18.01	PASS
		2437	30~1000	5.01	-55.3	≤-14.99	PASS
			1000~26500	5.01	-46.59	≤-14.99	PASS
		2462	30~1000	1.20	-54.55	≤-18.8	PASS
			1000~26500	1.20	-45.83	≤-18.8	PASS
11N40SISO	Ant1	2422	30~1000	-2.54	-51.89	≤-22.54	PASS
			1000~26500	-2.54	-46.02	≤-22.54	PASS
		2437	30~1000	-0.31	-46.86	≤-20.31	PASS
			1000~26500	-0.31	-46.4	≤-20.31	PASS
		2452	30~1000	-1.50	-47.71	≤-21.5	PASS
			1000~26500	-1.50	-45.96	≤-21.5	PASS

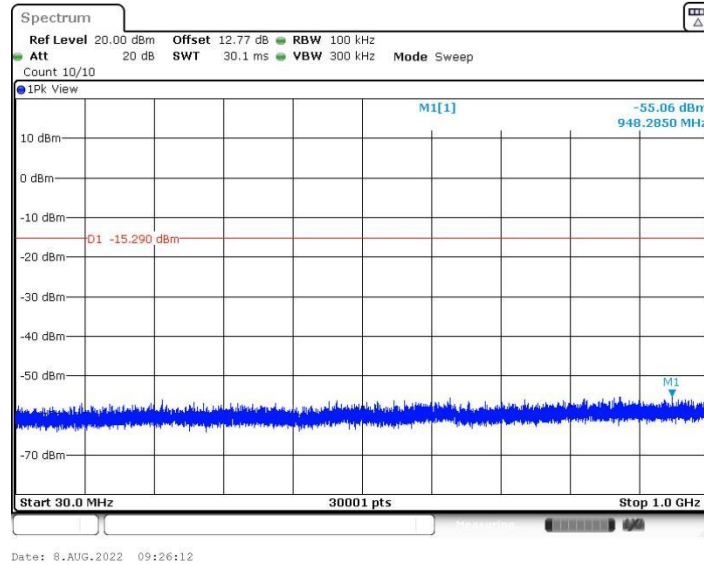


Test Graphs

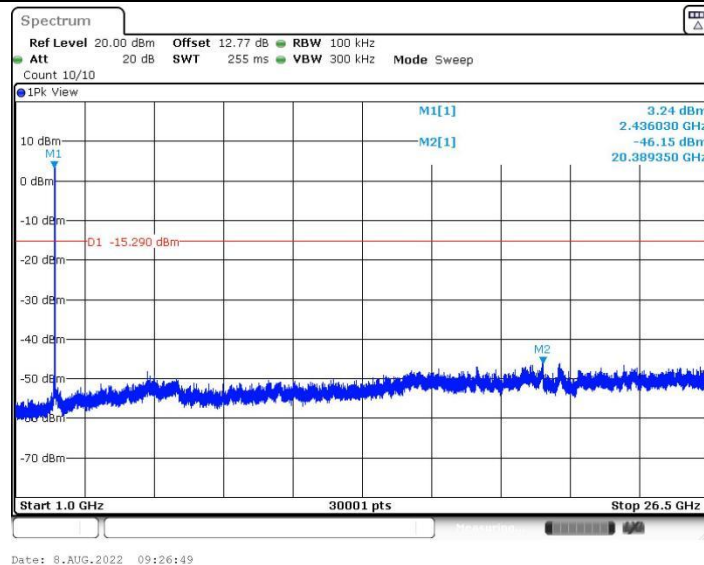




11B_Ant1_2437_30~1000

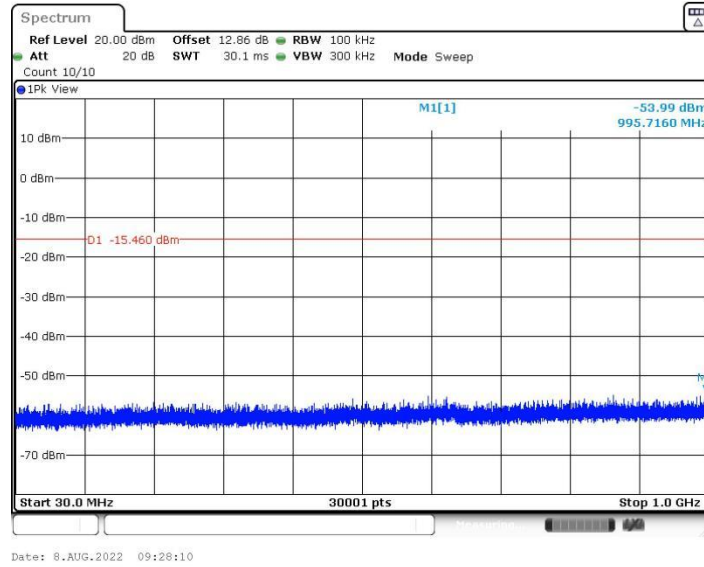


11B_Ant1_2437_1000~26500

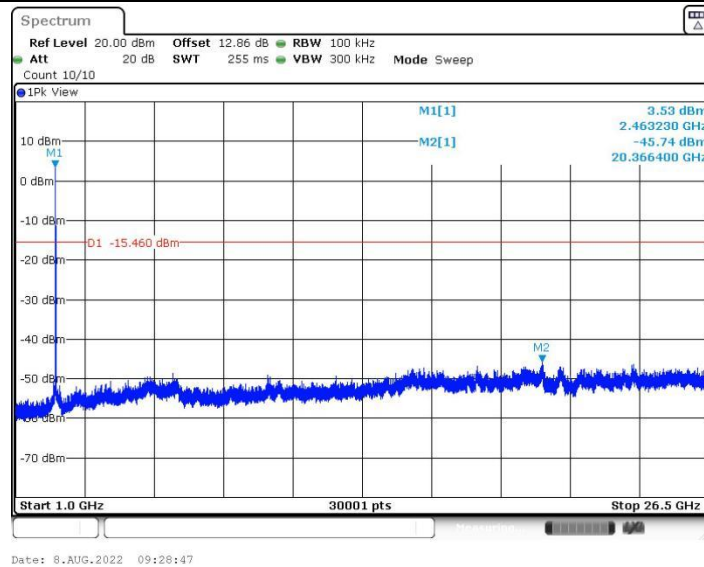




11B_Ant1_2462_30~1000

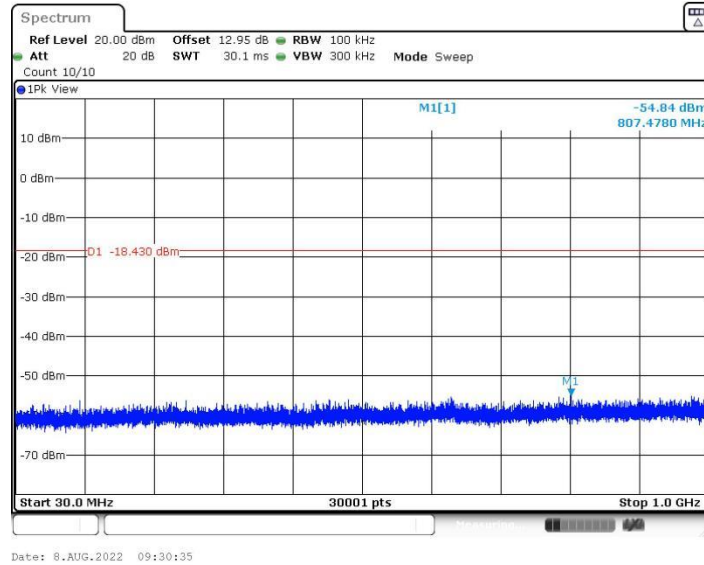


11B_Ant1_2462_1000~26500

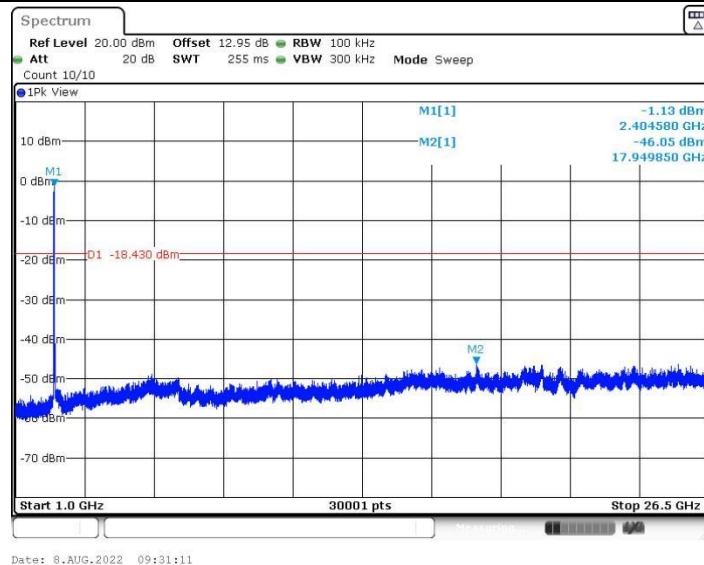




11G_Ant1_2412_30~1000

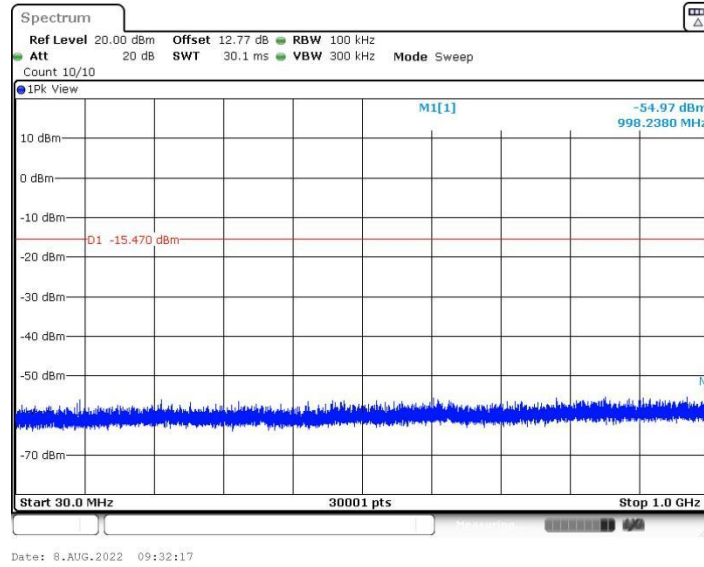


11G_Ant1_2412_1000~26500

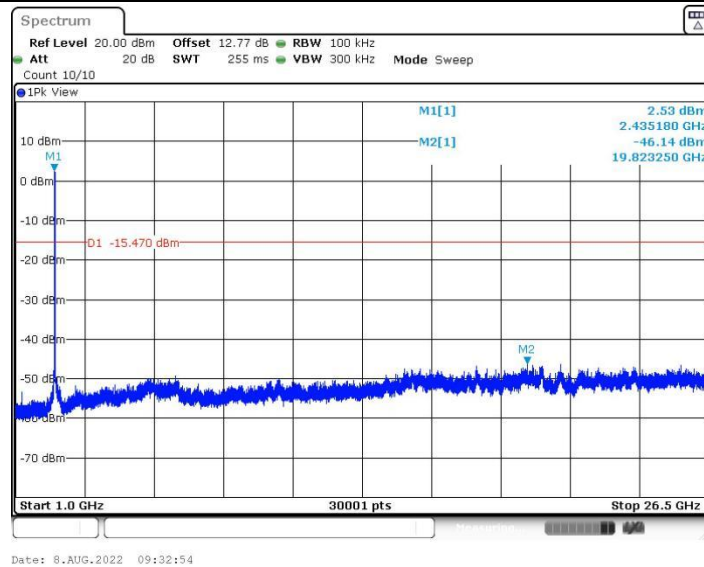




11G_Ant1_2437_30~1000

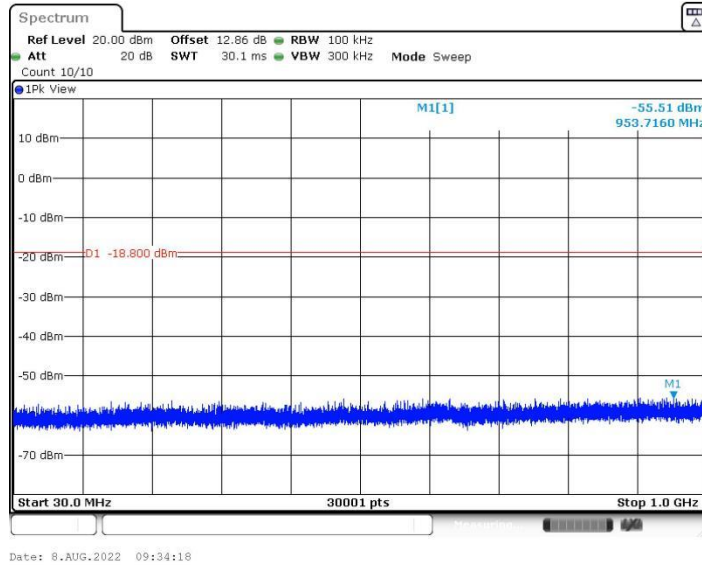


11G_Ant1_2437_1000~26500

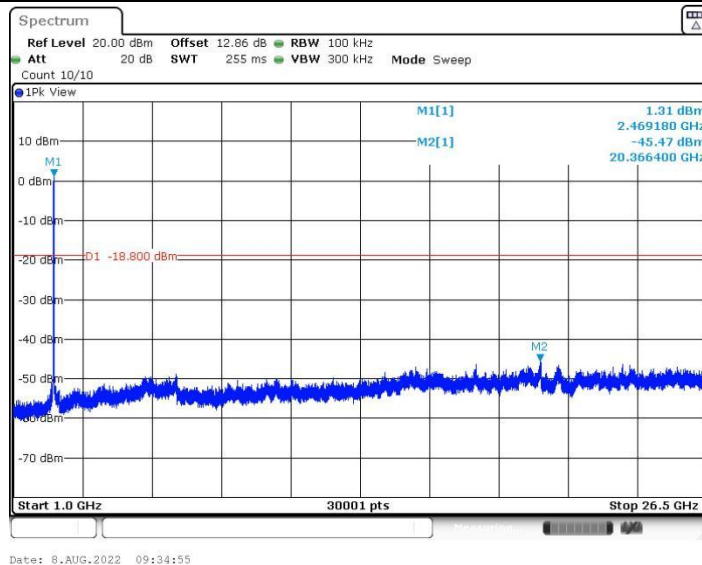




11G_Ant1_2462_30~1000

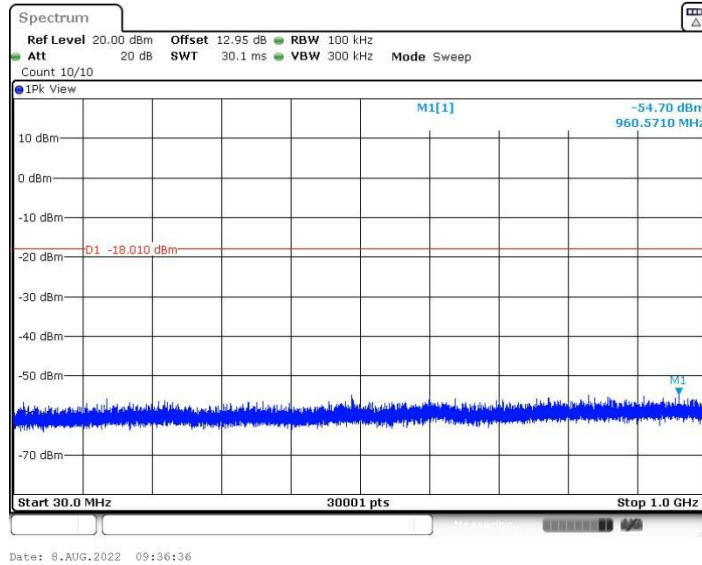


11G_Ant1_2462_1000~26500

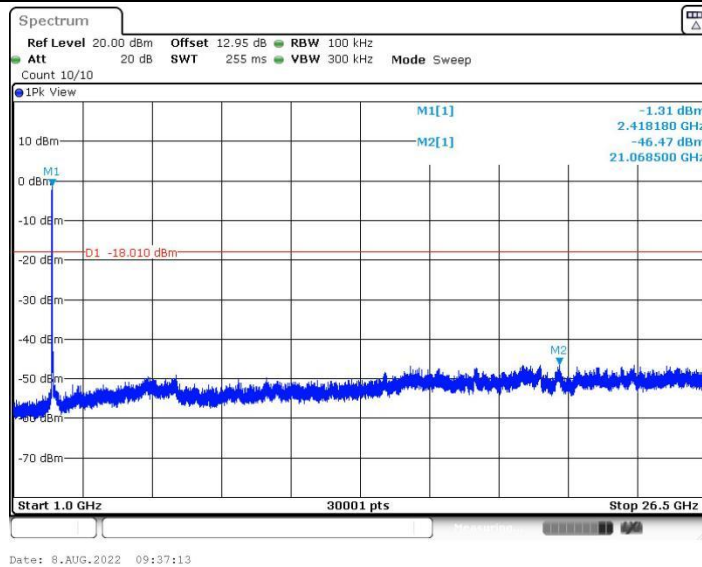




11N20SISO_Ant1_2412_30~1000

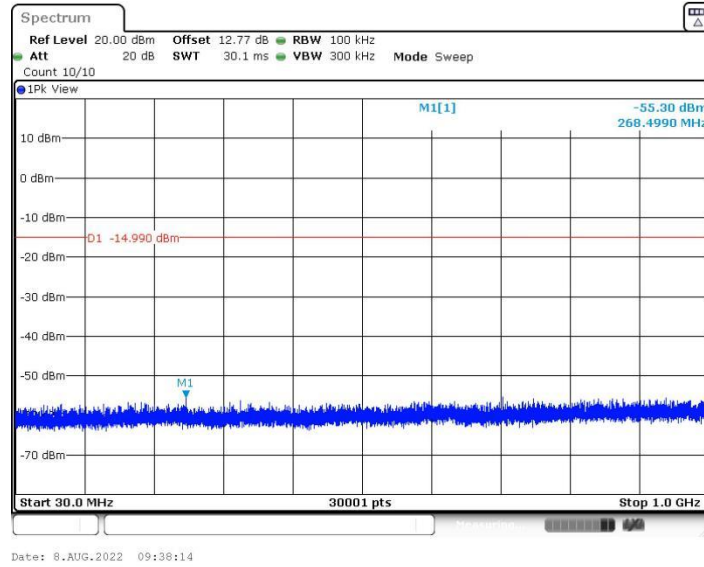


11N20SISO_Ant1_2412_1000~26500

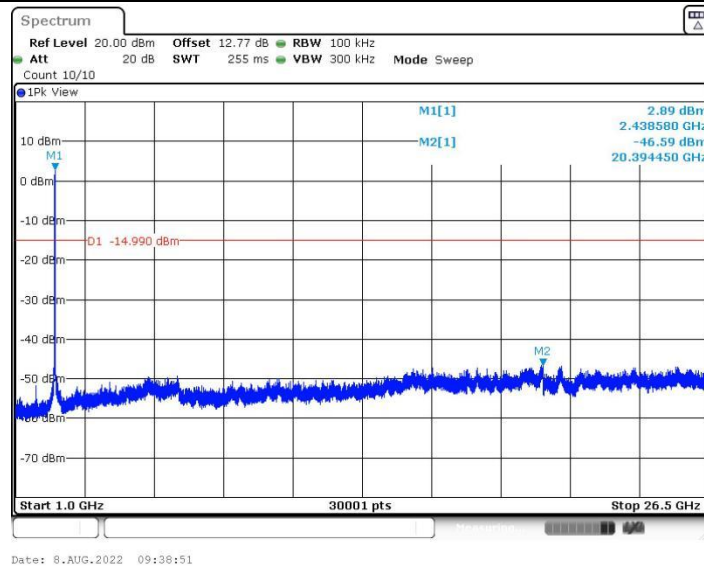




11N20SISO_Ant1_2437_30~1000

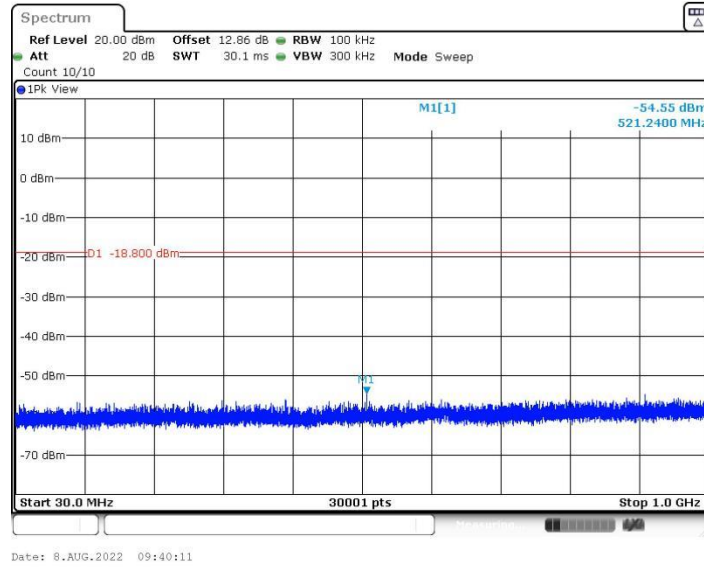


11N20SISO_Ant1_2437_1000~26500

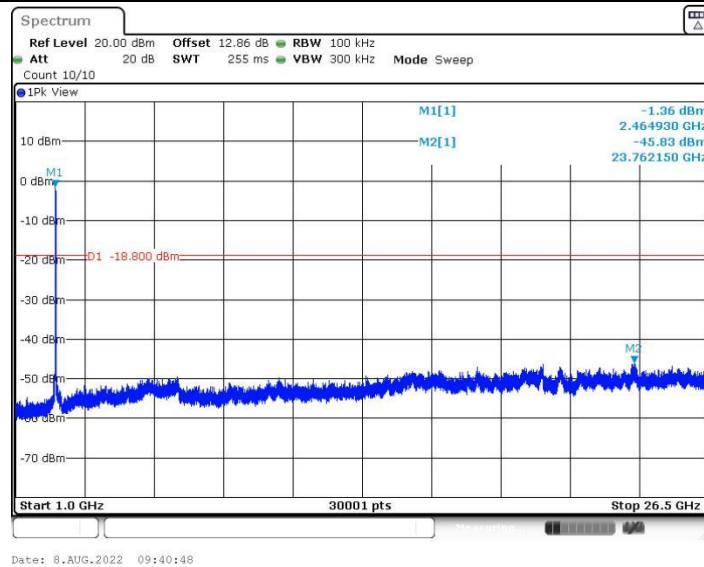




11N20SISO_Ant1_2462_30~1000

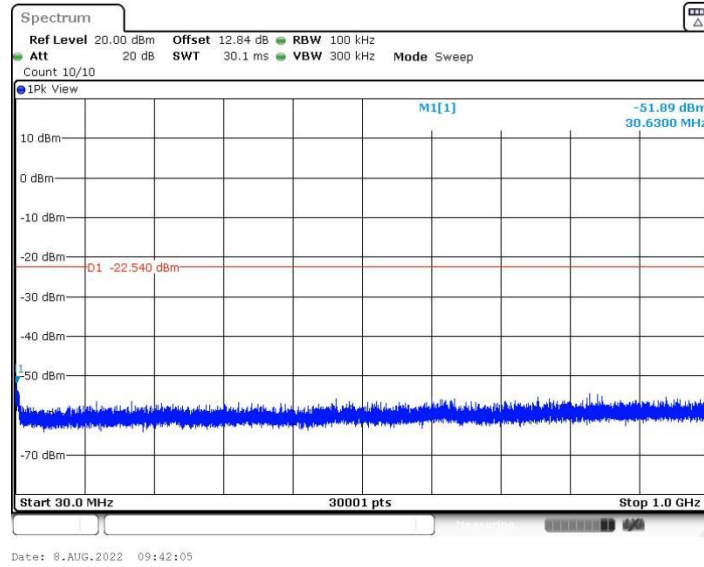


11N20SISO_Ant1_2462_1000~26500

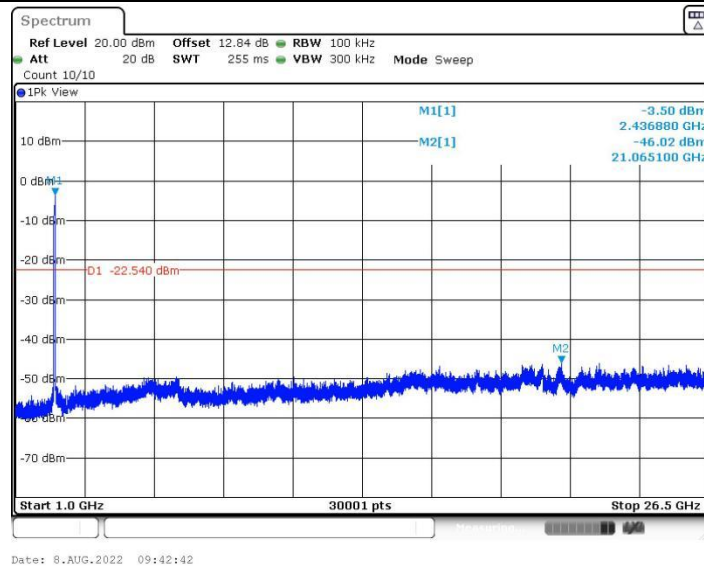




11N40SISO_Ant1_2422_30~1000

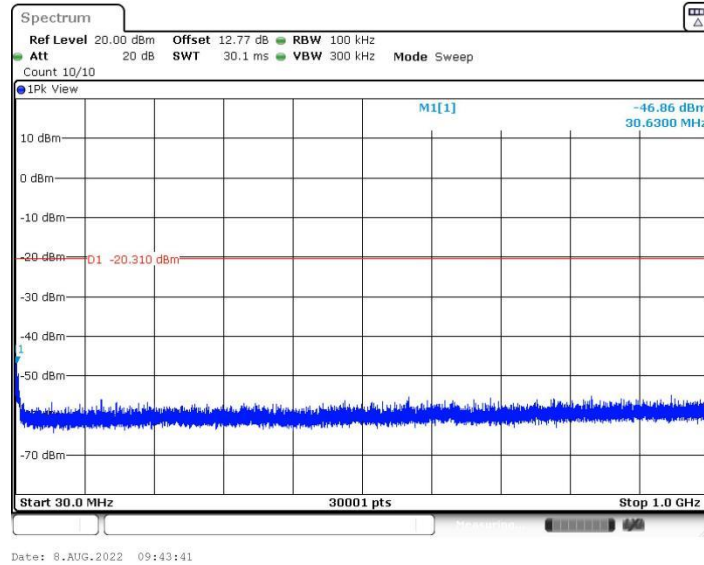


11N40SISO_Ant1_2422_1000~26500

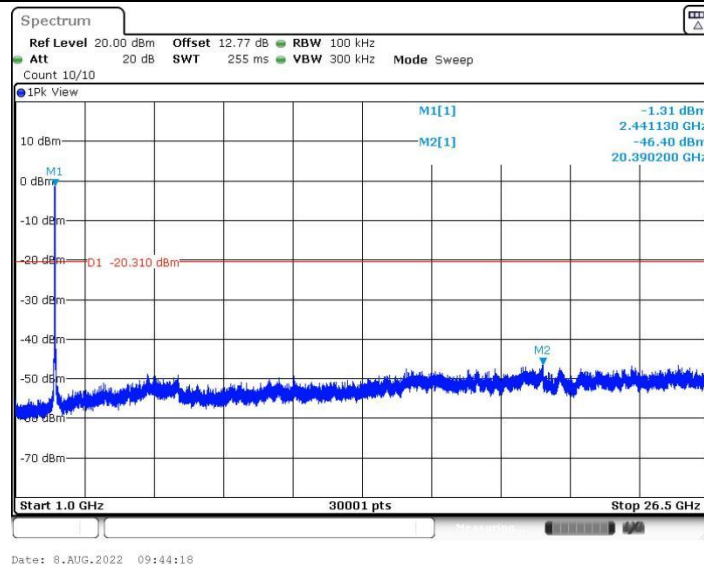




11N40SISO_Ant1_2437_30~1000

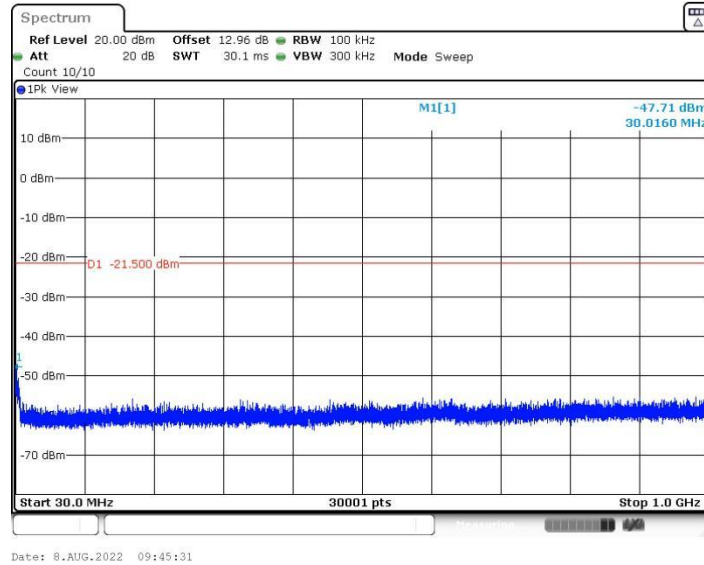


11N40SISO_Ant1_2437_1000~26500

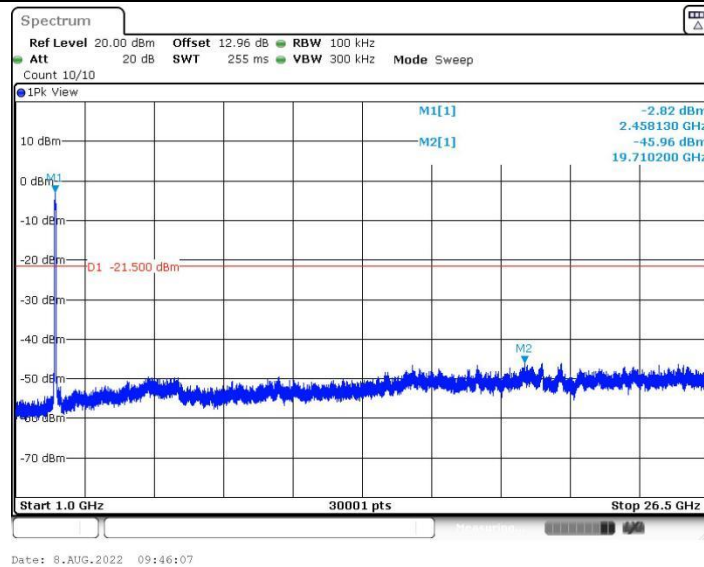




11N40SISO_Ant1_2452_30~1000



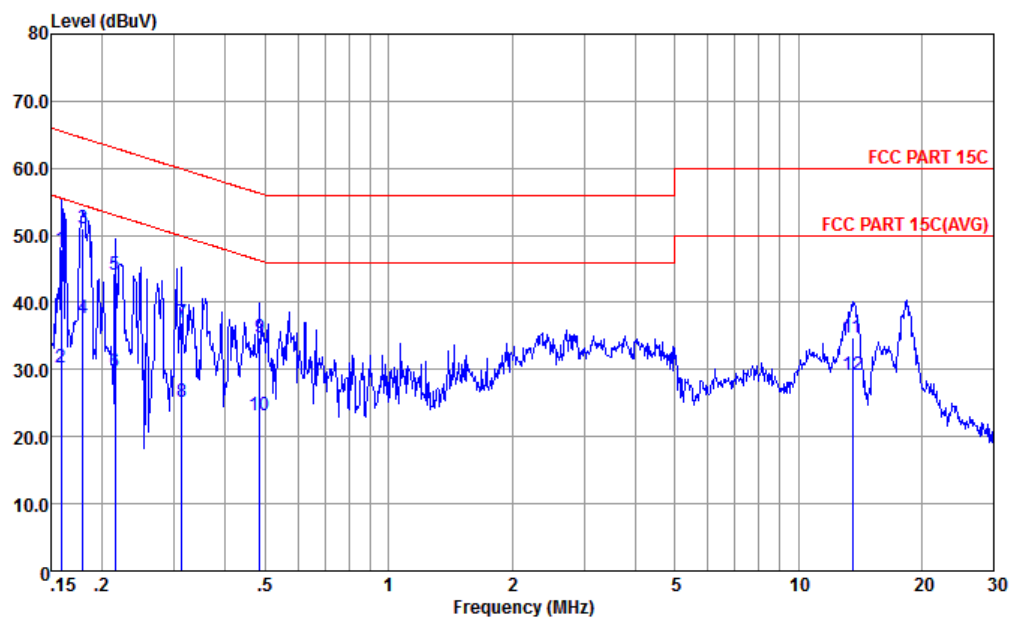
11N40SISO_Ant1_2452_1000~26500





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.		

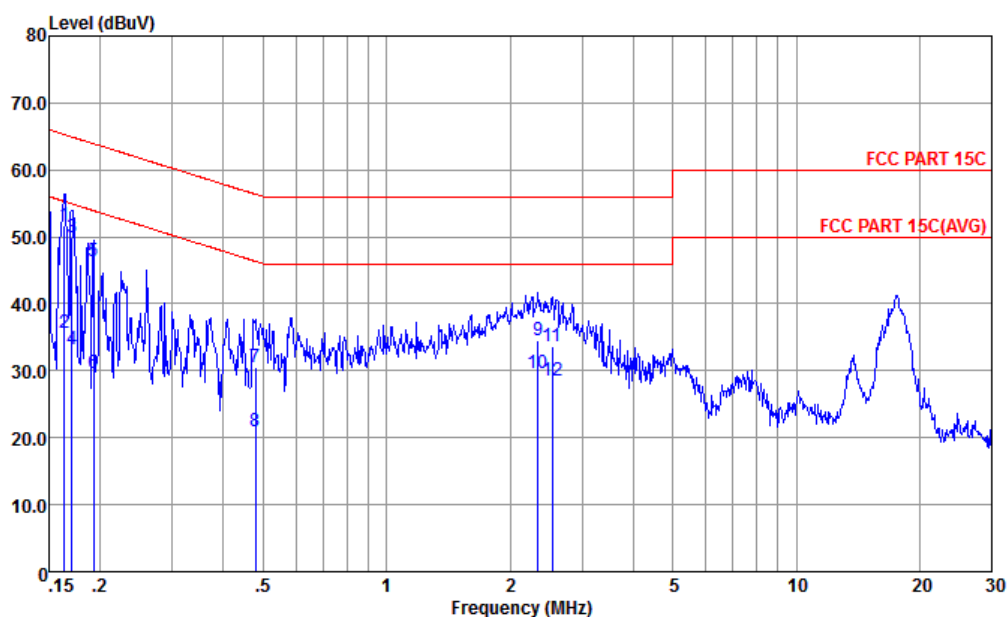


Site : CO01-KS
Condition : FCC PART 15C LISN-060105-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.159	47.98	-17.54	65.52	37.50	0.02	10.46	QP
2	0.159	30.38	-25.14	55.52	19.90	0.02	10.46	Average
3 *	0.180	51.04	-13.46	64.50	40.60	0.03	10.41	QP
4	0.180	37.74	-16.76	54.50	27.30	0.03	10.41	Average
5	0.215	44.20	-18.81	63.01	33.80	0.05	10.35	QP
6	0.215	29.60	-23.41	53.01	19.20	0.05	10.35	Average
7	0.313	36.97	-22.91	59.88	26.60	0.07	10.30	QP
8	0.313	25.17	-24.71	49.88	14.80	0.07	10.30	Average
9	0.484	34.84	-21.43	56.27	24.50	0.10	10.24	QP
10	0.484	23.24	-23.03	46.27	12.90	0.10	10.24	Average
11	13.551	34.68	-25.32	60.00	24.02	0.28	10.38	QP
12	13.551	29.16	-20.84	50.00	18.50	0.28	10.38	Average



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.		



Site : CO01-KS
Condition : FCC PART 15C LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1 *	0.163	51.75	-13.55	65.30	41.19	0.11	10.45	QP
2	0.163	35.75	-19.55	55.30	25.19	0.11	10.45	Average
3	0.170	49.83	-15.11	64.94	39.29	0.11	10.43	QP
4	0.170	33.13	-21.81	54.94	22.59	0.11	10.43	Average
5	0.192	46.38	-17.55	63.93	35.90	0.10	10.38	QP
6	0.192	29.68	-24.25	53.93	19.20	0.10	10.38	Average
7	0.479	30.55	-25.81	56.36	20.20	0.11	10.24	QP
8	0.479	20.85	-25.51	46.36	10.50	0.11	10.24	Average
9	2.346	34.58	-21.42	56.00	24.21	0.14	10.23	QP
10	2.346	29.68	-16.32	46.00	19.31	0.14	10.23	Average
11	2.540	33.68	-22.32	56.00	23.29	0.15	10.24	QP
12	2.540	28.48	-17.52	46.00	18.09	0.15	10.24	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

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

Channel	Power setting
11b CH01	11
11b CH06	21
11b CH11	22
11g CH01	11
11g CH06	0
11g CH11	14
11n20 CH01	10
11n20 CH06	0
11n20 CH11	15
11n40 CH03	20
11n40 CH06	12
11n40 CH09	15



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

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 CH 01 2412MHz		2386.44	54.72	-19.28	74	51.6	32.88	7.1	36.86	132	244	P	H
		2385.4	45.31	-8.69	54	42.22	32.86	7.1	36.87	132	244	A	H
	*	2412	111.61	-	-	108.43	32.9	7.13	36.85	132	244	P	H
	*	2412	104.31	-	-	101.13	32.9	7.13	36.85	132	244	A	H
		2386.18	55.21	-18.79	74	52.09	32.88	7.1	36.86	400	298	P	V
		2385.53	46.04	-7.96	54	42.92	32.88	7.1	36.86	400	298	A	V
	*	2410	111.02	-	-	107.84	32.9	7.13	36.85	400	298	P	V
	*	2412	103.75	-	-	100.57	32.9	7.13	36.85	400	298	A	V
802.11b CH 11 2462MHz		2488.6	52.96	-21.04	74	49.52	33	7.25	36.81	100	229	P	H
		2488.06	43.08	-10.92	54	39.64	33	7.25	36.81	100	229	A	H
	*	2462	108.29	-	-	104.94	32.96	7.22	36.83	100	229	P	H
	*	2462	101.1	-	-	97.75	32.96	7.22	36.83	100	229	A	H
		2485.78	53.71	-20.29	74	50.3	32.98	7.25	36.82	339	304	P	V
		2487.88	42.88	-11.12	54	39.44	33	7.25	36.81	339	304	A	V
	*	2460	107.65	-	-	104.3	32.96	7.22	36.83	339	304	P	V
	*	2462	100.36	-	-	97.01	32.96	7.22	36.83	339	304	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	54.68	-19.32	74	75.61	34.2	10.25	65.38	100	126	P	H
		4830	50.82	-3.18	54	71.75	34.2	10.25	65.38	100	126	A	H
		4830	52.3	-21.7	74	73.23	34.2	10.25	65.38	301	335	P	V
		4830	49.64	-4.36	54	70.57	34.2	10.25	65.38	301	335	A	V
802.11b CH 06 2437MHz		4875	54.59	-19.41	74	75.49	34.23	10.29	65.42	100	130	P	H
		4875	50.8	-3.2	54	71.7	34.23	10.29	65.42	100	130	A	H
		7305	42.22	-31.78	74	59.55	35.86	12.72	65.91	300	0	P	H
		4875	52.25	-21.75	74	73.15	34.23	10.29	65.42	232	343	P	V
		4875	49.67	-4.33	54	70.57	34.23	10.29	65.42	232	343	A	V
		7305	42.33	-31.67	74	59.66	35.86	12.72	65.91	100	0	P	V
802.11b CH 11 2462MHz		4920	54.01	-19.99	74	74.86	34.26	10.34	65.45	100	33	P	H
		4920	50.43	-3.57	54	71.28	34.26	10.34	65.45	100	33	A	H
		7380	41.8	-32.2	74	59.3	35.88	12.73	66.11	300	0	P	H
		4920	51.87	-22.13	74	72.72	34.26	10.34	65.45	252	334	P	V
		4920	48.73	-5.27	54	69.58	34.26	10.34	65.45	252	334	A	V
		7380	42.09	-31.91	74	59.59	35.88	12.73	66.11	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	69.54	-4.46	74	66.42	32.88	7.1	36.86	278	248	P	H
		2389.95	52.45	-1.55	54	49.33	32.88	7.1	36.86	278	248	A	H
	*	2410	107.18	-	-	104	32.9	7.13	36.85	278	248	P	H
	*	2406	99.65	-	-	96.47	32.9	7.13	36.85	278	248	A	H
		2389.95	69.93	-4.07	74	66.81	32.88	7.1	36.86	397	297	P	V
		2389.95	51.96	-2.04	54	48.84	32.88	7.1	36.86	397	297	A	V
	*	2406	106.35	-	-	103.17	32.9	7.13	36.85	397	297	P	V
	*	2412	98.93	-	-	95.75	32.9	7.13	36.85	397	297	A	V
802.11g CH 11 2462MHz		2483.5	68.61	-5.39	74	65.2	32.98	7.25	36.82	382	0	P	H
		2483.5	52.48	-1.52	54	49.07	32.98	7.25	36.82	382	0	A	H
	*	2460	108.14	-	-	104.79	32.96	7.22	36.83	382	0	P	H
	*	2462	100.31	-	-	96.96	32.96	7.22	36.83	382	0	A	H
		2483.5	66.46	-7.54	74	63.05	32.98	7.25	36.82	338	303	P	V
		2483.5	49.87	-4.13	54	46.46	32.98	7.25	36.82	338	303	A	V
	*	2466	106.53	-	-	103.18	32.96	7.22	36.83	338	303	P	V
	*	2462	98.32	-	-	94.97	32.96	7.22	36.83	338	303	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	48.51	-25.49	74	69.44	34.2	10.25	65.38	300	0	P	H
		4830	47.67	-26.33	74	68.6	34.2	10.25	65.38	100	0	P	V
802.11g CH 06 2437MHz		4875	54.23	-19.77	74	75.13	34.23	10.29	65.42	100	128	P	H
		4875	45.58	-8.42	54	66.48	34.23	10.29	65.42	100	128	A	H
		7305	50.73	-23.27	74	68.06	35.86	12.72	65.91	300	0	P	H
		4875	52.25	-21.75	74	73.15	34.23	10.29	65.42	252	16	P	V
		4875	44.03	-9.97	54	64.93	34.23	10.29	65.42	252	16	A	V
		7305	47.77	-26.23	74	65.1	35.86	12.72	65.91	100	0	P	V
802.11g CH 11 2462MHz		4920	52.57	-21.43	74	73.42	34.26	10.34	65.45	100	128	P	H
		4920	43.21	-10.79	54	64.06	34.26	10.34	65.45	100	128	A	H
		7380	45.68	-28.32	74	63.18	35.88	12.73	66.11	300	0	P	H
		4920	49.2	-24.8	74	70.05	34.26	10.34	65.45	100	0	P	V
		7380	43.08	-30.92	74	60.58	35.88	12.73	66.11	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		2389.95	67.33	-6.67	74	64.21	32.88	7.1	36.86	166	255	P	H
		2389.95	52.57	-1.43	54	49.45	32.88	7.1	36.86	166	255	A	H
	*	2410	106.91	-	-	103.73	32.9	7.13	36.85	166	255	P	H
	*	2406	99.3	-	-	96.12	32.9	7.13	36.85	166	255	A	H
		2389.82	66.91	-7.09	74	63.79	32.88	7.1	36.86	400	278	P	V
		2389.95	52.2	-1.8	54	49.08	32.88	7.1	36.86	400	278	A	V
	*	2408	105.45	-	-	102.27	32.9	7.13	36.85	400	278	P	V
	*	2408	97.58	-	-	94.4	32.9	7.13	36.85	400	278	A	V
802.11n HT20 CH 11 2462MHz		2485.42	68.56	-5.44	74	65.15	32.98	7.25	36.82	383	0	P	H
		2483.5	52.67	-1.33	54	49.26	32.98	7.25	36.82	383	0	A	H
	*	2466	107.6	-	-	104.25	32.96	7.22	36.83	383	0	P	H
	*	2462	99.81	-	-	96.46	32.96	7.22	36.83	383	0	A	H
		2484.94	63.75	-10.25	74	60.34	32.98	7.25	36.82	386	302	P	V
		2483.5	48.22	-5.78	54	44.81	32.98	7.25	36.82	386	302	A	V
	*	2460	105.5	-	-	102.15	32.96	7.22	36.83	386	302	P	V
	*	2454	97.88	-	-	94.53	32.96	7.22	36.83	386	302	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	48.5	-25.5	74	69.43	34.2	10.25	65.38	300	0	P	H
		4830	47.22	-26.78	74	68.15	34.2	10.25	65.38	100	0	P	V
802.11n HT20 CH 06 2437MHz		4875	55.2	-18.8	74	76.1	34.23	10.29	65.42	100	130	P	H
		4875	44.96	-9.04	54	65.86	34.23	10.29	65.42	100	130	A	H
		7305	48.55	-25.45	74	65.88	35.86	12.72	65.91	300	0	P	H
		4875	53.32	-20.68	74	74.22	34.23	10.29	65.42	331	258	P	V
		4875	43.26	-10.74	54	64.16	34.23	10.29	65.42	331	258	A	V
		7305	48.71	-25.29	74	66.04	35.86	12.72	65.91	100	0	P	V
802.11n HT20 CH 11 2462MHz		4920	52.39	-21.61	74	73.24	34.26	10.34	65.45	158	17	P	H
		4920	43.88	-10.12	54	64.73	34.26	10.34	65.45	158	17	A	H
		7380	44.67	-29.33	74	62.17	35.88	12.73	66.11	300	0	P	H
		4920	49.61	-24.39	74	70.46	34.26	10.34	65.45	100	0	P	V
		7380	42.51	-31.49	74	60.01	35.88	12.73	66.11	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 HT40 (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 HT40 CH 03 2422MHz		2382.28	65.03	-8.97	74	61.94	32.86	7.1	36.87	166	355	P	H
		2387.48	52.79	-1.21	54	49.67	32.88	7.1	36.86	166	355	A	H
		2487.82	52.99	-21.01	74	49.55	33	7.25	36.81	166	355	P	H
		2489.62	41.86	-12.14	54	38.42	33	7.25	36.81	166	355	A	H
	*	2426	103.46	-	-	100.23	32.92	7.16	36.85	166	355	P	H
	*	2420	95.33	-	-	92.1	32.92	7.16	36.85	166	355	A	H
		2387.61	62.98	-11.02	74	59.86	32.88	7.1	36.86	400	302	P	V
		2387.74	52.45	-1.55	54	49.33	32.88	7.1	36.86	400	302	A	V
		2498.74	50.25	-23.75	74	46.78	33	7.28	36.81	400	302	P	V
		2484.28	39.62	-14.38	54	36.21	32.98	7.25	36.82	400	302	A	V
	*	2412	101.15	-	-	97.97	32.9	7.13	36.85	400	302	P	V
	*	2410	93.07	-	-	89.89	32.9	7.13	36.85	400	302	A	V
802.11n HT40 CH 06 2437MHz		2385.4	67.81	-6.19	74	64.72	32.86	7.1	36.87	165	358	P	H
		2389.56	52.73	-1.27	54	49.61	32.88	7.1	36.86	165	358	A	H
		2486.74	62.96	-11.04	74	59.55	32.98	7.25	36.82	165	358	P	H
		2483.56	49.99	-4.01	54	46.58	32.98	7.25	36.82	165	358	A	H
	*	2424	105.16	-	-	101.93	32.92	7.16	36.85	165	358	P	H
	*	2420	97.49	-	-	94.26	32.92	7.16	36.85	165	358	A	H
		2385.4	65.05	-8.95	74	61.96	32.86	7.1	36.87	382	285	P	V
		2389.82	51.3	-2.7	54	48.18	32.88	7.1	36.86	382	285	A	V
		2483.56	62.48	-11.52	74	59.07	32.98	7.25	36.82	382	285	P	V
		2483.5	49.13	-4.87	54	45.72	32.98	7.25	36.82	382	285	A	V
	*	2452	102.87	-	-	99.58	32.94	7.19	36.84	382	285	P	V
	*	2434	95.48	-	-	92.25	32.92	7.16	36.85	382	285	A	V



802.11n HT40 CH 09 2452MHz		2389.56	60.02	-13.98	74	56.9	32.88	7.1	36.86	352	357	P	H
		2389.69	45.97	-8.03	54	42.85	32.88	7.1	36.86	352	357	A	H
		2483.68	66.03	-7.97	74	62.62	32.98	7.25	36.82	352	357	P	H
		2483.56	49.72	-4.28	54	46.31	32.98	7.25	36.82	352	357	A	H
	*	2438	103.36	-	-	100.07	32.94	7.19	36.84	352	357	P	H
	*	2438	95.12	-	-	91.83	32.94	7.19	36.84	352	357	A	H
		2389.17	58.46	-15.54	74	55.34	32.88	7.1	36.86	382	284	P	V
		2389.95	45.26	-8.74	54	42.14	32.88	7.1	36.86	382	284	A	V
		2483.5	68.84	-5.16	74	65.43	32.98	7.25	36.82	382	284	P	V
		2483.5	52.77	-1.23	54	49.36	32.98	7.25	36.82	382	284	A	V
	*	2438	103.76	-	-	100.47	32.94	7.19	36.84	382	284	P	V
	*	2434	95.88	-	-	92.65	32.92	7.16	36.85	382	284	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 HT40 (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 HT40 CH 03 2422MHz		4845	45.68	-28.32	74	66.61	34.21	10.25	65.39	300	0	P	H
		7260	42.23	-31.77	74	59.42	35.85	12.72	65.76	300	0	P	H
		4845	45.75	-28.25	74	66.68	34.21	10.25	65.39	100	0	P	V
		7260	41.8	-32.2	74	58.99	35.85	12.72	65.76	100	0	P	V
802.11n HT40 CH 06 2437MHz		4875	47.41	-26.59	74	68.31	34.23	10.29	65.42	300	0	P	H
		7305	43.19	-30.81	74	60.52	35.86	12.72	65.91	300	0	P	H
		4875	45.94	-28.06	74	66.84	34.23	10.29	65.42	100	0	P	V
		7305	42.48	-31.52	74	59.81	35.86	12.72	65.91	100	0	P	V
802.11n HT40 CH 09 2452MHz		4905	47.77	-26.23	74	68.62	34.25	10.34	65.44	300	0	P	H
		7350	42.54	-31.46	74	60.01	35.87	12.72	66.06	300	0	P	H
		4905	47.91	-26.09	74	68.76	34.25	10.34	65.44	100	0	P	V
		7350	42.1	-31.9	74	59.57	35.87	12.72	66.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)

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)
2.4GHz 802.11n HT40 LF		30	21.98	-18.02	40	28.82	24.8	0.76	32.4	-	-	P	H
		159.98	18.99	-24.51	43.5	33.35	16.2	1.84	32.4	-	-	P	H
		320.03	23.36	-22.64	46	33.83	19.3	2.63	32.4	-	-	P	H
		448.07	23.1	-22.9	46	29.53	22.84	3.13	32.4	-	-	P	H
		565.44	25.75	-20.25	46	28.72	26.1	3.33	32.4	-	-	P	H
		754.59	28.67	-17.33	46	28.77	28.1	4.08	32.28	-	-	P	H
		42.61	21.2	-18.8	40	34.89	17.8	0.91	32.4	-	-	P	V
		64.92	20.08	-19.92	40	39.55	11.8	1.13	32.4	-	-	P	V
		250.19	19.85	-26.15	46	31.75	18.4	2.1	32.4	-	-	P	V
		415.09	21.12	-24.88	46	28.18	22.3	3.04	32.4	-	-	P	V
		566.41	25.52	-20.48	46	28.52	26.06	3.34	32.4	-	-	P	V
		780.78	29.38	-16.62	46	29.29	28.1	4.17	32.18	-	-	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

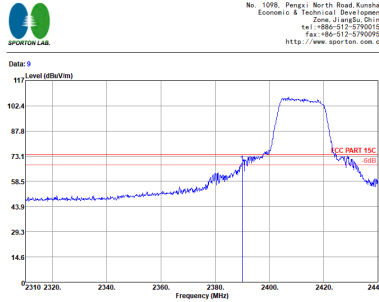
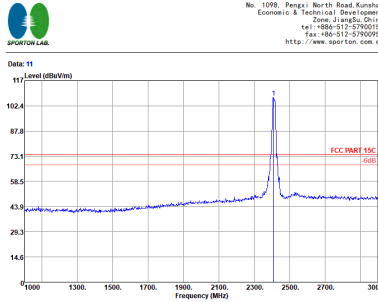
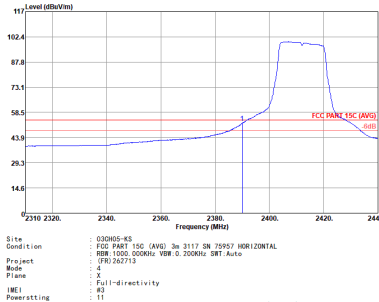
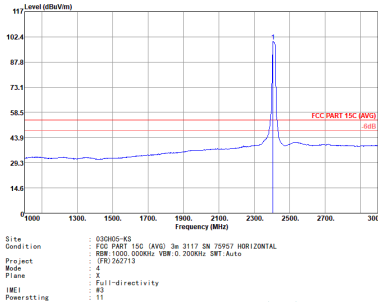
Note symbol

-L	Low channel location
-R	High channel location

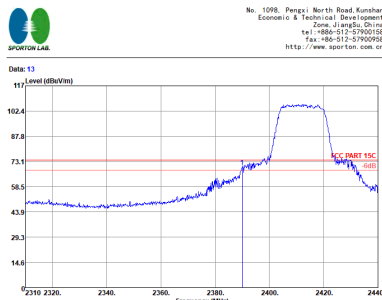
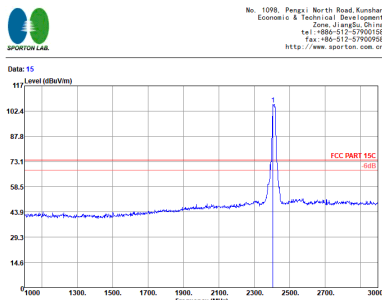
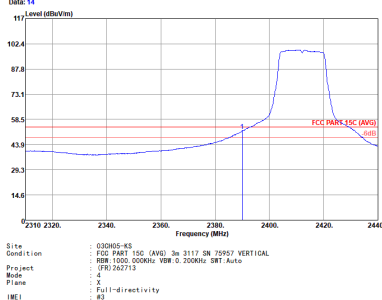
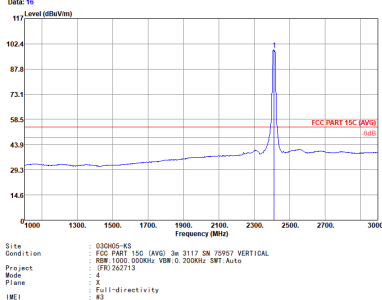


2.4GHz 2400~2483.5MHz

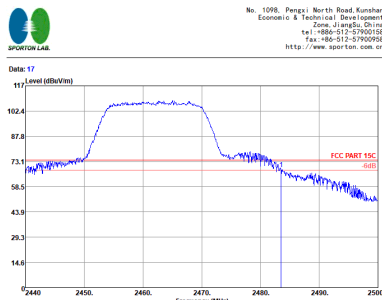
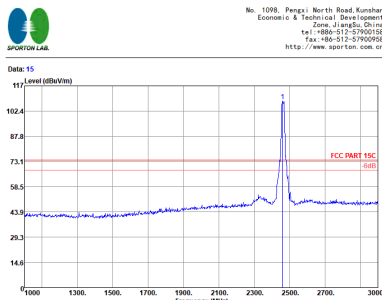
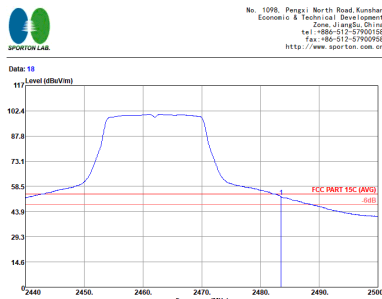
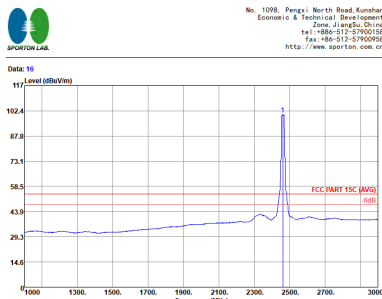
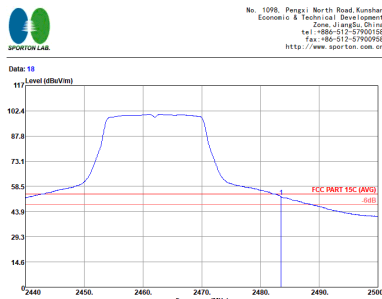
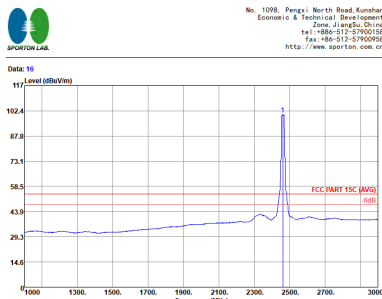
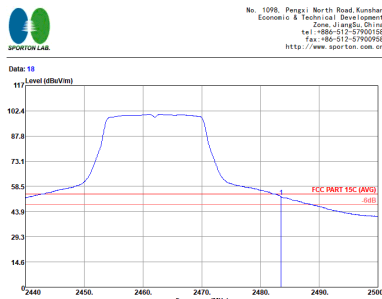
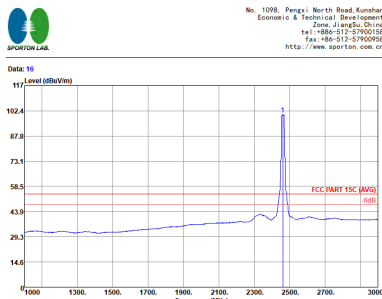
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																						
ANT	802.11g CH01 2412MHz																																																																																																																						
1	Horizontal	Fundamental																																																																																																																					
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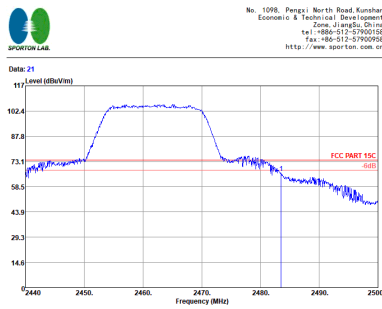
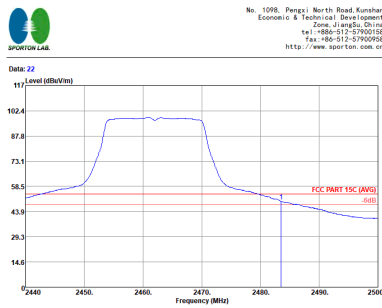
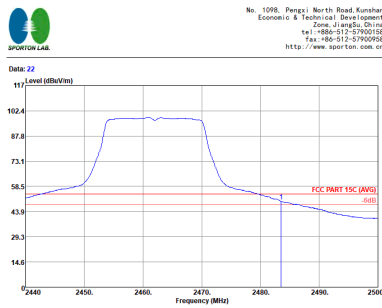
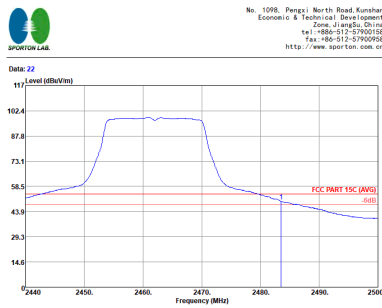


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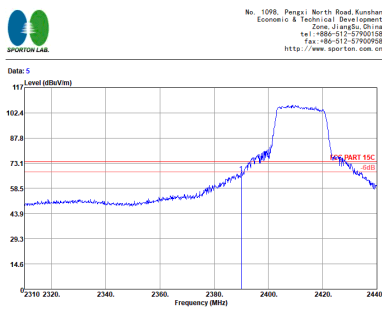
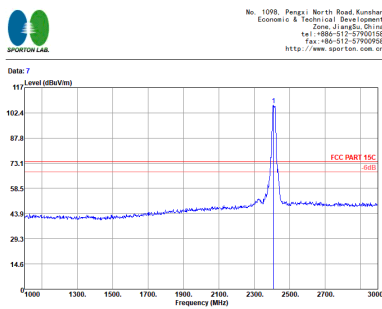
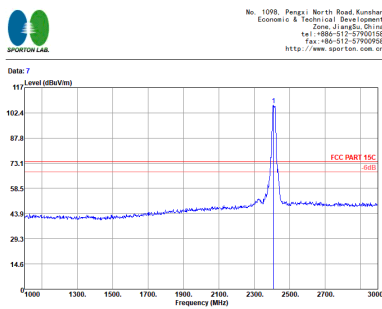
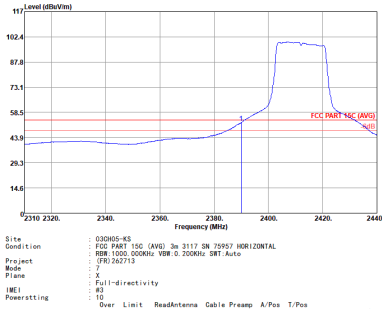
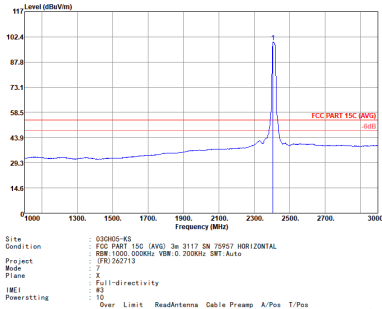
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Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn SPORTON LAB. Logo Date: 22 Level (dBm/100m) Site : 030805-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 70957 VERTICAL Project : RSM 1000.000kHz VBR:3000.000kHz SMT:Auto FR262713 Mode : 0 Plane : 0 Full-directivity : 0 IMEI : 0 PowerSetting : 14 <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/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 2483.50</td><td>49.87</td><td>-4.13</td><td>54.00</td><td>46.46</td><td>32.98</td><td>7.25</td><td>36.82</td><td>338</td><td>303 Average</td><td>VERTICAL</td></tr></table> Date: 20 Level (dBm/100m) Site : 030805-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 70957 VERTICAL Project : RSM 1000.000kHz VBR:3000.000kHz SMT:Auto FR262713 Mode : 0 Plane : 0 Full-directivity : 0 IMEI : 0 PowerSetting : 14 <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/Phas</th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 2462.00</td><td>98.32</td><td>44.32</td><td>54.00</td><td>94.97</td><td>32.96</td><td>7.22</td><td>36.83</td><td>338</td><td>303 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dBm/100m	dB	dB	cm	deg			1 2483.50	49.87	-4.13	54.00	46.46	32.98	7.25	36.82	338	303 Average	VERTICAL	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dB	dBm/100m	dBm/100m	dB	dB	cm	deg			1 * 2462.00	98.32	44.32	54.00	94.97	32.96	7.22	36.83	338	303 Average	VERTICAL																																																																				
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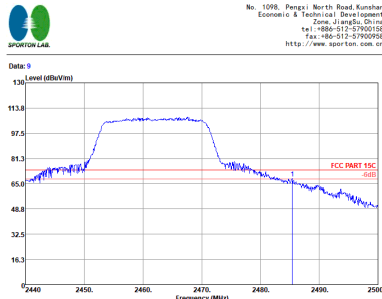
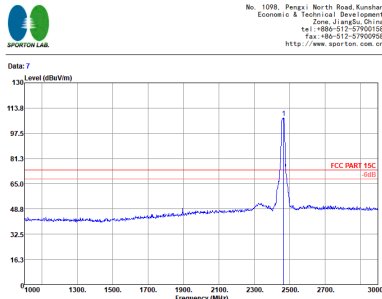
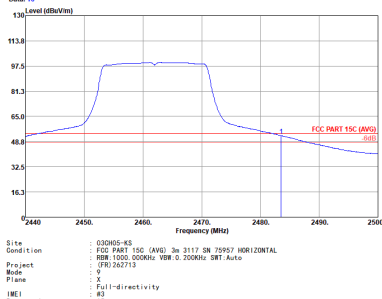
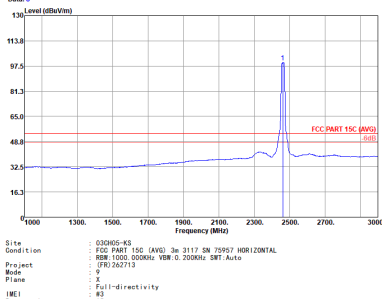
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																													
ANT	802.11n HT20 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 SPORTON LAB. Logo Data: 5 117 Level (dBm/m) 102.4 87.8 73.1 58.5 43.9 29.3 14.6 0 2310 2320 2340 2360 2380 2400 2420 2440 Frequency (MHz) FCC PART 15C (dBm) Site : 030905-K3 Condition : FCC PART 15C 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity IMEI : PowerSetting : 10 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/m</th><th>dB</th><th>dBm/m</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1 2389.95</td><td>67.33</td><td>-6.67</td><td>74.00</td><td>64.21</td><td>32.88</td><td>7.10</td><td>36.86</td><td>166</td><td>250 Peak</td></tr></table> HORIZONTAL <td>  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 SPORTON LAB. Logo Data: 7 117 Level (dBm/m) 102.4 87.8 73.1 58.5 43.9 29.3 14.6 0 1000 1500 2000 2500 3000 Frequency (MHz) FCC PART 15C (dBm) Site : 030905-K3 Condition : FCC PART 15C 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity IMEI : PowerSetting : 10 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/m</th><th>dB</th><th>dBm/m</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1 * 2410.00</td><td>106.91</td><td>32.91</td><td>74.00</td><td>103.73</td><td>32.90</td><td>7.13</td><td>36.85</td><td>166</td><td>250 Peak</td></tr></table> HORIZONTAL </td>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBm/m	dB	dBm/m	dBm	dB	dB	dB	cn	deg	1 2389.95	67.33	-6.67	74.00	64.21	32.88	7.10	36.86	166	250 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 SPORTON LAB. Logo Data: 7 117 Level (dBm/m) 102.4 87.8 73.1 58.5 43.9 29.3 14.6 0 1000 1500 2000 2500 3000 Frequency (MHz) FCC PART 15C (dBm) Site : 030905-K3 Condition : FCC PART 15C 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity IMEI : PowerSetting : 10 <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/m</th><th>dB</th><th>dBm/m</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr><tr><td>1 * 2410.00</td><td>106.91</td><td>32.91</td><td>74.00</td><td>103.73</td><td>32.90</td><td>7.13</td><td>36.85</td><td>166</td><td>250 Peak</td></tr></table> HORIZONTAL	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBm/m	dB	dBm/m	dBm	dB	dB	dB	cn	deg	1 * 2410.00	106.91	32.91	74.00	103.73	32.90	7.13	36.85	166	250 Peak
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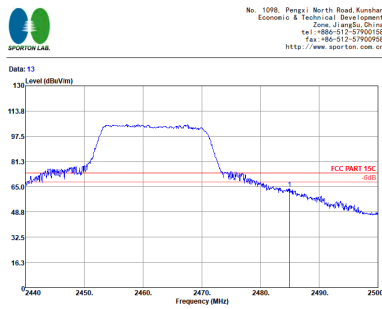
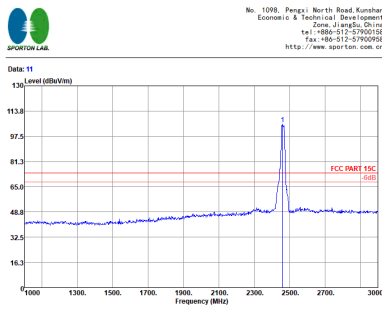
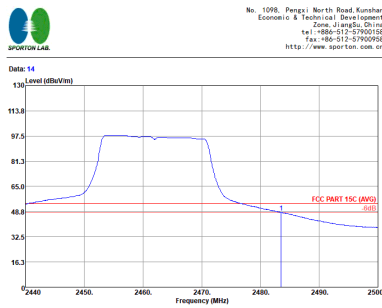
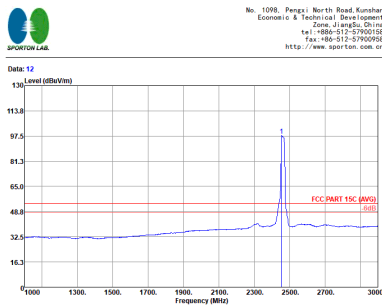


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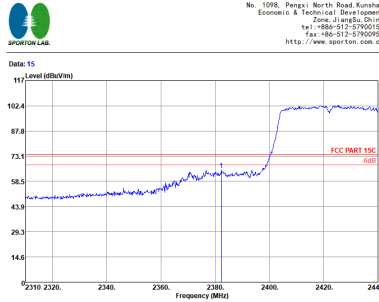
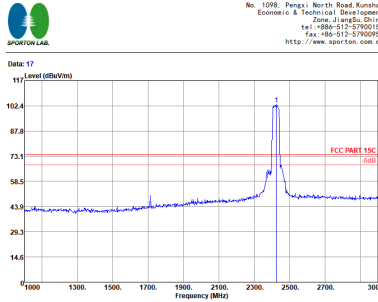
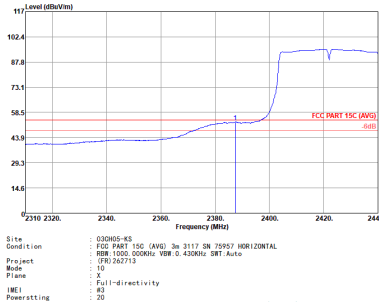
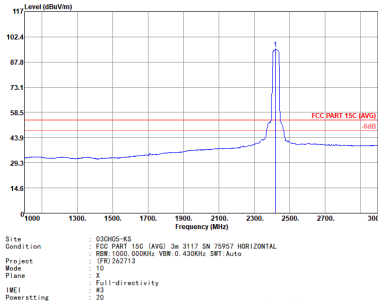
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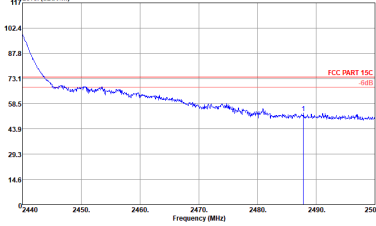
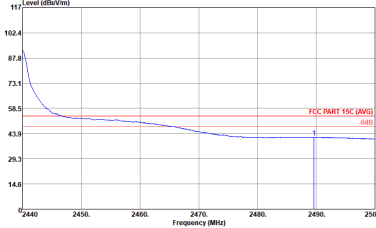
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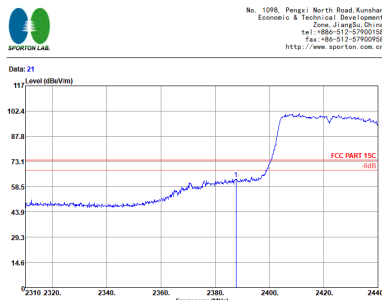
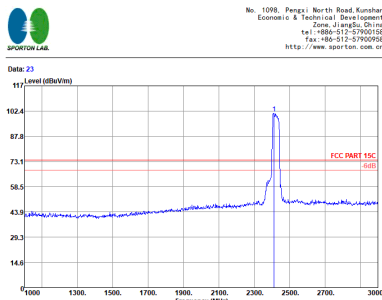
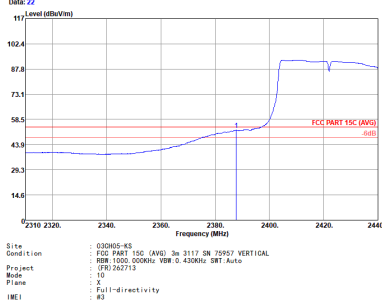
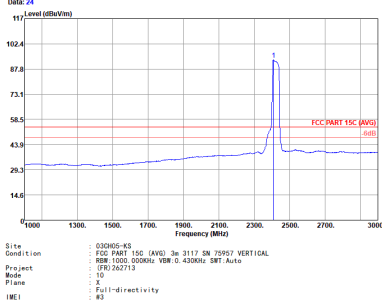
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz 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 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity : X PowerSetting : 20 <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>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th></tr><tr><td>MHz</td><td>dBm/Vm</td><td>dB</td><td>dBm/Vm</td><td>dBm/Vm</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2382.28</td><td>65.03</td><td>-6.97</td><td>74.00</td><td>61.94</td><td>32.86</td><td>7.10 36.87 166 350 Peak HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss		MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	cm	deg	1	2382.28	65.03	-6.97	74.00	61.94	32.86	7.10 36.87 166 350 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 : 030905-K3 Condition : FCC PART 15C 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 3000 000KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity : X PowerSetting : 20 <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>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th></tr><tr><td>MHz</td><td>dBm/Vm</td><td>dB</td><td>dBm/Vm</td><td>dBm/Vm</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2426.00</td><td>103.66</td><td>29.46</td><td>74.00</td><td>100.23</td><td>32.92</td><td>7.16 36.85 166 355 Peak HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss		MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	cm	deg	1	2426.00	103.66	29.46	74.00	100.23	32.92	7.16 36.85 166 355 Peak HORIZONTAL
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MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	cm	deg																																																											
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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 0.4300KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity : X PowerSetting : 20 <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>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th></tr><tr><td>MHz</td><td>dBm/Vm</td><td>dB</td><td>dBm/Vm</td><td>dBm/Vm</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2387.48</td><td>52.79</td><td>-1.21</td><td>54.00</td><td>49.67</td><td>32.88</td><td>7.10 36.86 166 350 Average HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss		MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	cm	deg	1	2387.48	52.79	-1.21	54.00	49.67	32.88	7.10 36.86 166 350 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 : 030905-K3 Condition : FCC PART 15C (AVG) 3m 3117 5W 75957 HORIZONTAL Project : RSM 1000 000KHz VSW 0.4300KHz SRT Auto Bode : (FR)262713 Plane : X Full-directivity : X PowerSetting : 20 <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>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th></tr><tr><td>MHz</td><td>dBm/Vm</td><td>dB</td><td>dBm/Vm</td><td>dBm/Vm</td><td>dB</td><td>cm</td><td>deg</td></tr><tr><td>1</td><td>2420.00</td><td>95.33</td><td>41.33</td><td>54.00</td><td>92.10</td><td>32.92</td><td>7.16 36.85 166 355 Average HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level	Factor	Loss		MHz	dBm/Vm	dB	dBm/Vm	dBm/Vm	dB	cm	deg	1	2420.00	95.33	41.33	54.00	92.10	32.92	7.16 36.85 166 355 Average HORIZONTAL
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																											
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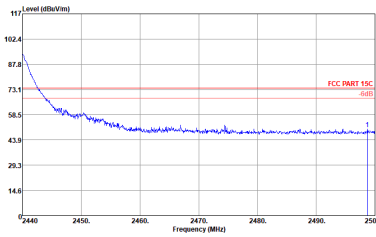
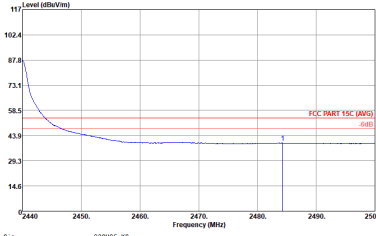


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																						
ANT	802.11n HT40 CH03 2422MHz - R																																						
1	Horizontal	Fundamental																																					
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 19  Site : 030905-K3 Condition : FCC PART 15C 3e 3117 SN 75957 HORIZONTAL Project : RSM 1000, 000KHz, VSW: 3000, 000KHz, SMT Auto FR0262713 Bode : 10 Plane : X Full-directivity : 2 Power setting : 30 <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 Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2487.82</td><td>52.99</td><td>-21.01</td><td>74.00</td><td>49.55</td><td>33.00</td><td>7.25</td><td>36.81</td><td>166</td><td>355</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/100m	dB	dBm/100m	dBm/100m	dB	cm	deg	1	2487.82	52.99	-21.01	74.00	49.55	33.00	7.25	36.81	166	355	Peak	HORIZONTAL	Left Blank
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBm/100m	dB	dBm/100m	dBm/100m	dB	cm	deg																																
1	2487.82	52.99	-21.01	74.00	49.55	33.00	7.25	36.81	166	355	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 Date: 20  Site : 030905-K3 Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 HORIZONTAL Project : RSM 1000, 000KHz, VSW: 3.4300KHz, SMT Auto FR0262713 Bode : 10 Plane : X Full-directivity : 2 Power setting : 30 <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 Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2489.62</td><td>41.86</td><td>-12.14</td><td>54.00</td><td>38.42</td><td>33.00</td><td>7.25</td><td>36.81</td><td>166</td><td>355</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/100m	dB	dBm/100m	dBm/100m	dB	cm	deg	1	2489.62	41.86	-12.14	54.00	38.42	33.00	7.25	36.81	166	355	Average	HORIZONTAL	Left Blank
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
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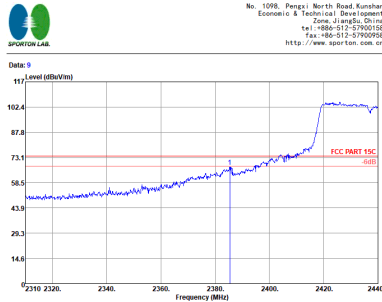
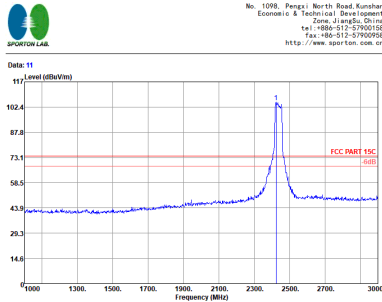
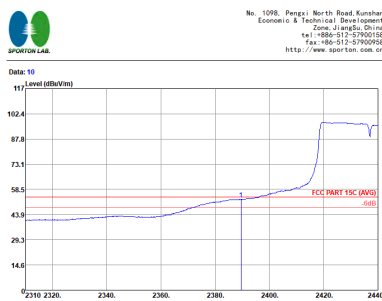
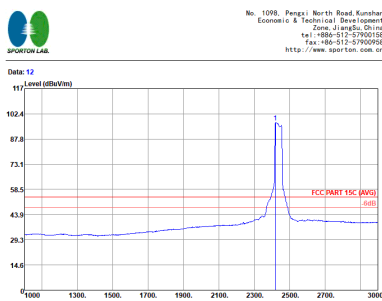


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																			
ANT	802.11n HT40 CH03 2422MHz - L																																																																			
1	Vertical	Fundamental																																																																		
Peak	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000.000MHz VSW:3000.000MHz SMT:Auto Bode : 10 Plane : 2 Polar : Full-directivity Power : 20 Power setting : 20 <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/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 2387.41</td><td>62.98</td><td>-11.02</td><td>74.00</td><td>59.86</td><td>32.88</td><td>7.10</td><td>36.86</td><td>400</td><td>302 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm	dB	dB	cm	deg			1 2387.41	62.98	-11.02	74.00	59.86	32.88	7.10	36.86	400	302 Peak	VERTICAL	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K5 Condition : FCC PART 15C 3m 3117 SN 75957 VERTICAL Project : RSM 1000.000MHz VSW:3000.000MHz SMT:Auto Bode : 10 Plane : 2 Polar : Full-directivity Power : 20 Power setting : 20 <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/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 2412.00</td><td>101.15</td><td>27.15</td><td>74.00</td><td>97.97</td><td>32.90</td><td>7.13</td><td>36.85</td><td>400</td><td>302 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm	dB	dB	cm	deg			1 * 2412.00	101.15	27.15	74.00	97.97	32.90	7.13	36.85	400	302 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
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Avg.	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : RSM 1000.000MHz VSW:3000.000MHz SMT:Auto Bode : 10 Plane : 2 Polar : Full-directivity Power : 20 Power setting : 20 <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/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 2387.74</td><td>52.45</td><td>-11.55</td><td>54.00</td><td>49.33</td><td>32.88</td><td>7.10</td><td>36.86</td><td>400</td><td>302 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm	dB	dB	cm	deg			1 2387.74	52.45	-11.55	54.00	49.33	32.88	7.10	36.86	400	302 Average	VERTICAL	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030905-K5 Condition : FCC PART 15C (AVG) 3m 3117 SN 75957 VERTICAL Project : RSM 1000.000MHz VSW:3000.000MHz SMT:Auto Bode : 10 Plane : 2 Polar : Full-directivity Power : 20 Power setting : 20 <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/Phas</th></tr><tr><th>MHz</th><th>dBm/Vm</th><th>dB</th><th>dBm/Vm</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 2410.00</td><td>92.07</td><td>39.07</td><td>54.00</td><td>89.89</td><td>32.90</td><td>7.13</td><td>36.85</td><td>400</td><td>302 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/Vm	dB	dBm/Vm	dBm	dB	dB	cm	deg			1 * 2410.00	92.07	39.07	54.00	89.89	32.90	7.13	36.85	400	302 Average	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
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WIFI	2.4GHz 2400~2483.5MHz 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 Data: 25  Site : 030905-K3 Condition : FCC PART 15C 3e 3117 SN 75957 VERTICAL Project : RSM 1000, 000KHz, VSW: 3000, 000KHz, DFT: Auto RF0: 262713 Bode : 10 Plane : X Full-directivity : 0 Power setting : 30 <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 Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dBm/100MHz</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2488.74</td><td>50.25</td><td>-23.75</td><td>74.00</td><td>46.78</td><td>33.00</td><td>7.28</td><td>36.81</td><td>400</td><td>302</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	cm	deg	1	2488.74	50.25	-23.75	74.00	46.78	33.00	7.28	36.81	400	302	Peak	VERTICAL	Left blank
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	cm	deg																																
1	2488.74	50.25	-23.75	74.00	46.78	33.00	7.28	36.81	400	302	Peak	VERTICAL																											
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 Data: 26  Site : 030905-K3 Condition : FCC PART 15C (AVG) 3e 3117 SN 75957 VERTICAL Project : RSM 1000, 000KHz, VSW: 3.4300KHz, DFT: Auto RF0: 262713 Bode : 10 Plane : X Full-directivity : 0 Power setting : 30 <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 Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dBm/100MHz</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2484.28</td><td>39.62</td><td>-14.38</td><td>54.00</td><td>36.21</td><td>32.98</td><td>7.25</td><td>36.82</td><td>400</td><td>302</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	cm	deg	1	2484.28	39.62	-14.38	54.00	36.21	32.98	7.25	36.82	400	302	Average	VERTICAL	Left blank
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
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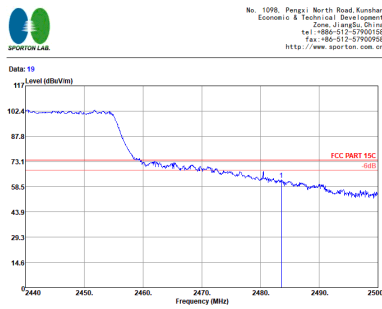
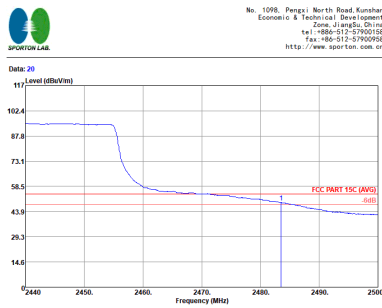


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																																						
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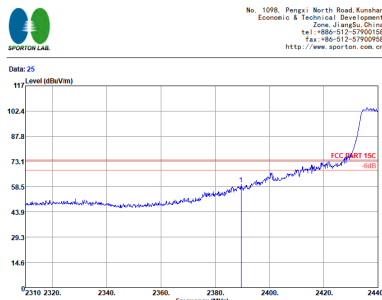
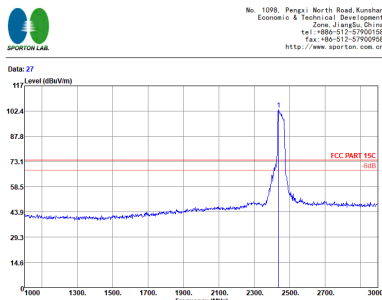
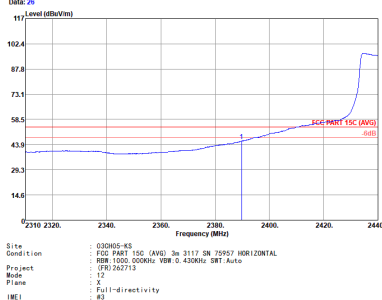


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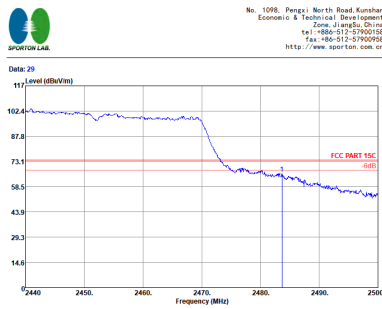
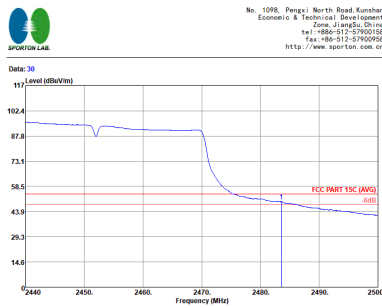


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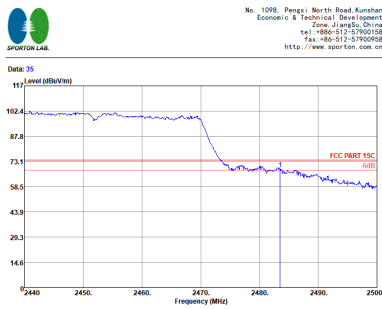
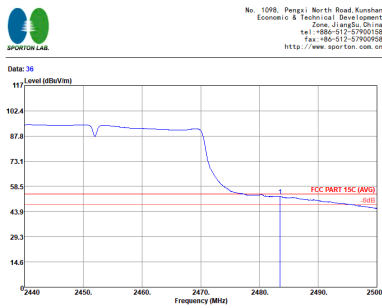


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Peak	 Site : 030905-K3 Condition : FCC PART 15C 3m 3117 SN 75957 HORIZONTAL Project : RSM 1000, 000KHz VSW: 3000, 000KHz SMT Auto Model : FR0262713 Plane : 2 Polarization : Full-directivity Power setting : 15 IMEI : 83 <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</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>on</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2483.68</td><td>66.03</td><td>-7.97</td><td>74.00</td><td>62.62</td><td>32.98</td><td>7.25</td><td>36.82</td><td>352</td><td>357</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phase	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	on	deg	1	2483.68	66.03	-7.97	74.00	62.62	32.98	7.25	36.82	352	357	Peak	HORIZONTAL	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phase																									
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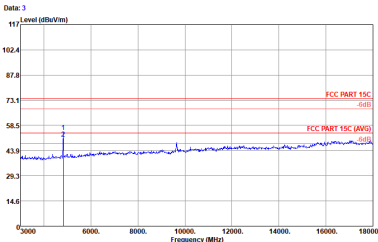
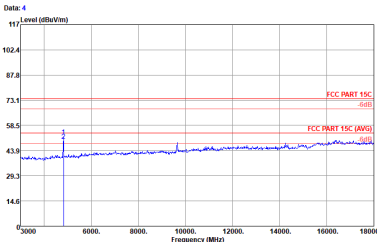


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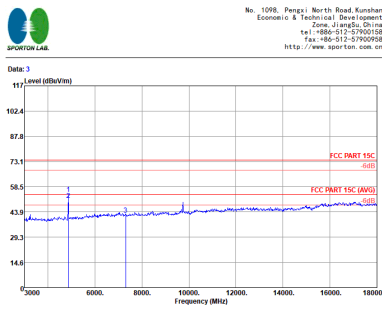
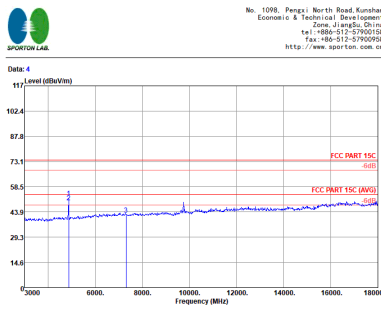


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

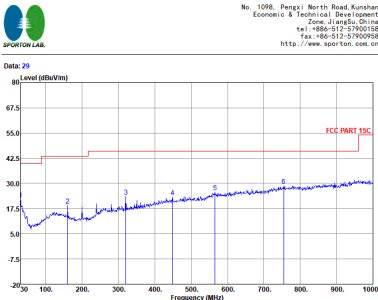
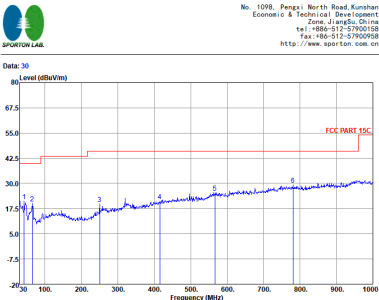
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Peak Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030405-K5 Condition : FCC PART 15C 3m 3117 5N 70957 HORIZONTAL Project : RBW 1000 000kHz VBW 3000 000kHz SFT Auto PRF 252713 Bode : 2 Plane : 1 Full-directivity : 1 IME1 : 2 Power setting : 21 <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>dBm/100KHz</th><th>dB</th><th>dBm/100KHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 4875.00</td><td>54.59</td><td>-19.41</td><td>74.00</td><td>75.49</td><td>34.23</td><td>10.29</td><td>65.42</td><td>100</td><td>130</td><td>Peak</td></tr><tr><td>2 1 4875.00</td><td>50.89</td><td>-23.20</td><td>54.00</td><td>71.70</td><td>34.23</td><td>10.29</td><td>65.42</td><td>100</td><td>130</td><td>Average</td></tr><tr><td>3 7205.00</td><td>42.22</td><td>-31.78</td><td>74.00</td><td>59.55</td><td>35.86</td><td>12.72</td><td>65.91</td><td>300</td><td>0</td><td>Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100KHz	dB	dBm/100KHz	dB	dB	dB	dB	dB	cm	deg	1 4875.00	54.59	-19.41	74.00	75.49	34.23	10.29	65.42	100	130	Peak	2 1 4875.00	50.89	-23.20	54.00	71.70	34.23	10.29	65.42	100	130	Average	3 7205.00	42.22	-31.78	74.00	59.55	35.86	12.72	65.91	300	0	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 : 030405-K5 Condition : FCC PART 15C 3m 3117 5N 70957 VERTICAL Project : RBW 1000 000kHz VBW 3000 000kHz SFT Auto PRF 252713 Bode : 2 Plane : 1 Full-directivity : 1 IME1 : 2 Power setting : 21 <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>dBm/100KHz</th><th>dB</th><th>dBm/100KHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 4875.00</td><td>52.25</td><td>-21.75</td><td>74.00</td><td>73.16</td><td>34.23</td><td>10.29</td><td>65.42</td><td>232</td><td>343</td><td>Peak</td></tr><tr><td>2 1 4875.00</td><td>49.67</td><td>-24.33</td><td>54.00</td><td>70.57</td><td>34.23</td><td>10.29</td><td>65.42</td><td>232</td><td>343</td><td>Average</td></tr><tr><td>3 7205.00</td><td>42.23</td><td>-31.67</td><td>74.00</td><td>59.66</td><td>35.86</td><td>12.72</td><td>65.91</td><td>100</td><td>0</td><td>Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phase	MHz	dBm/100KHz	dB	dBm/100KHz	dB	dB	dB	dB	dB	cm	deg	1 4875.00	52.25	-21.75	74.00	73.16	34.23	10.29	65.42	232	343	Peak	2 1 4875.00	49.67	-24.33	54.00	70.57	34.23	10.29	65.42	232	343	Average	3 7205.00	42.23	-31.67	74.00	59.66	35.86	12.72	65.91	100	0	Peak
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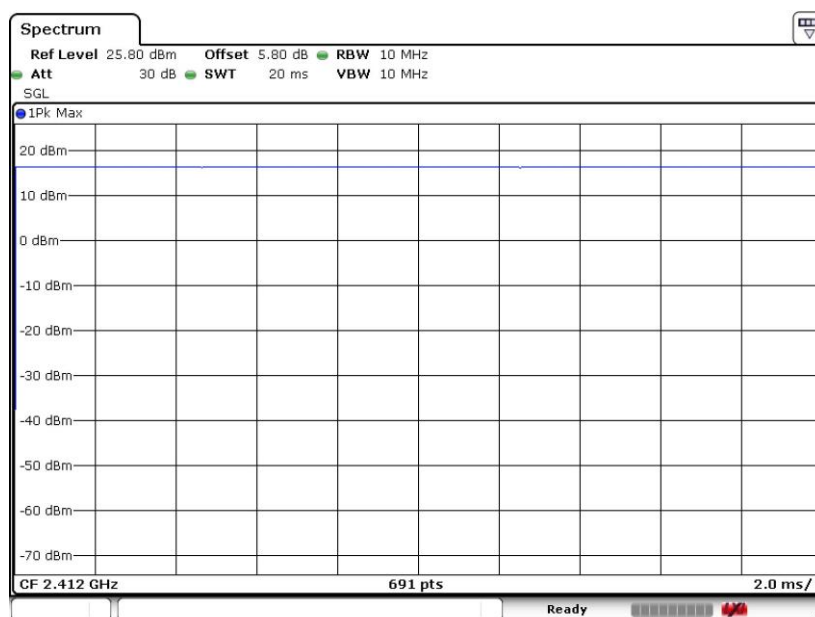
Emission below 1GHz
2.4GHz WIFI 802.11n HT40 (LF)

WIFI	2.4GHz 2400~2483.5MHz																																																																																																																																																																																																
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QP / Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900158 http://www.sporton.com.cn Site : 030405-K3 Condition : FCC PART 15C 3m CBL 01110 59913 HORIZONTAL Project : RSM 100.000KHz VSW 300.000KHz SRT Auto Plane : 10 Polar : 1 Full-directivity : 1 IME1 : 83 <table><thead><tr><th></th><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/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100MHz</th><th>dBm/100MHz</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>30.00</td><td>21.98</td><td>-18.00</td><td>40.00</td><td>28.82</td><td>24.80</td><td>0.76</td><td>32.40</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>159.98</td><td>18.99</td><td>-24.00</td><td>43.50</td><td>33.35</td><td>16.20</td><td>1.84</td><td>32.40</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>230.03</td><td>23.36</td><td>-22.00</td><td>46.00</td><td>33.83</td><td>19.30</td><td>2.63</td><td>32.40</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>448.07</td><td>23.10</td><td>-22.00</td><td>46.00</td><td>29.53</td><td>22.64</td><td>3.12</td><td>32.40</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>565.44</td><td>25.75</td><td>-20.00</td><td>46.00</td><td>28.72</td><td>26.10</td><td>3.33</td><td>32.40</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>754.59</td><td>28.67</td><td>-17.00</td><td>46.00</td><td>28.77</td><td>28.10</td><td>4.08</td><td>32.28</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table>  No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900158 http://www.sporton.com.cn Site : 030405-K3 Condition : FCC PART 15C 3m CBL 01110 59913 VERTICAL Project : RSM 100.000KHz VSW 300.000KHz SRT Auto Plane : 10 Polar : 1 Full-directivity : 1 IME1 : 83 <table><thead><tr><th></th><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/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100MHz</th><th>dBm/100MHz</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th>dB</th><th>dB</th><th>cn</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>42.61</td><td>21.20</td><td>-18.00</td><td>40.00</td><td>34.89</td><td>17.80</td><td>0.91</td><td>32.40</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>44.22</td><td>20.08</td><td>-19.00</td><td>40.00</td><td>39.55</td><td>11.80</td><td>1.13</td><td>32.40</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>250.19</td><td>19.80</td><td>-24.00</td><td>46.00</td><td>31.79</td><td>18.40</td><td>2.10</td><td>32.40</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>416.09</td><td>21.12</td><td>-24.00</td><td>46.00</td><td>28.18</td><td>22.30</td><td>3.04</td><td>32.40</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>566.41</td><td>25.52</td><td>-20.48</td><td>46.00</td><td>28.52</td><td>26.06</td><td>3.34</td><td>32.40</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>780.19</td><td>29.38</td><td>-16.00</td><td>46.00</td><td>29.27</td><td>28.10</td><td>4.17</td><td>32.18</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr></tbody></table>		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100MHz	dBm/100MHz	Line	Level Factor	Loss Factor		dB	dB	cn	deg	1	30.00	21.98	-18.00	40.00	28.82	24.80	0.76	32.40	---	Peak	HORIZONTAL	2	159.98	18.99	-24.00	43.50	33.35	16.20	1.84	32.40	---	Peak	HORIZONTAL	3	230.03	23.36	-22.00	46.00	33.83	19.30	2.63	32.40	---	Peak	HORIZONTAL	4	448.07	23.10	-22.00	46.00	29.53	22.64	3.12	32.40	---	Peak	HORIZONTAL	5	565.44	25.75	-20.00	46.00	28.72	26.10	3.33	32.40	---	Peak	HORIZONTAL	6	754.59	28.67	-17.00	46.00	28.77	28.10	4.08	32.28	---	Peak	HORIZONTAL		Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100MHz	dBm/100MHz	Line	Level Factor	Loss Factor		dB	dB	cn	deg	1	42.61	21.20	-18.00	40.00	34.89	17.80	0.91	32.40	---	Peak	VERTICAL	2	44.22	20.08	-19.00	40.00	39.55	11.80	1.13	32.40	---	Peak	VERTICAL	3	250.19	19.80	-24.00	46.00	31.79	18.40	2.10	32.40	---	Peak	VERTICAL	4	416.09	21.12	-24.00	46.00	28.18	22.30	3.04	32.40	---	Peak	VERTICAL	5	566.41	25.52	-20.48	46.00	28.52	26.06	3.34	32.40	---	Peak	VERTICAL	6	780.19	29.38	-16.00	46.00	29.27	28.10	4.17	32.18	---	Peak	VERTICAL
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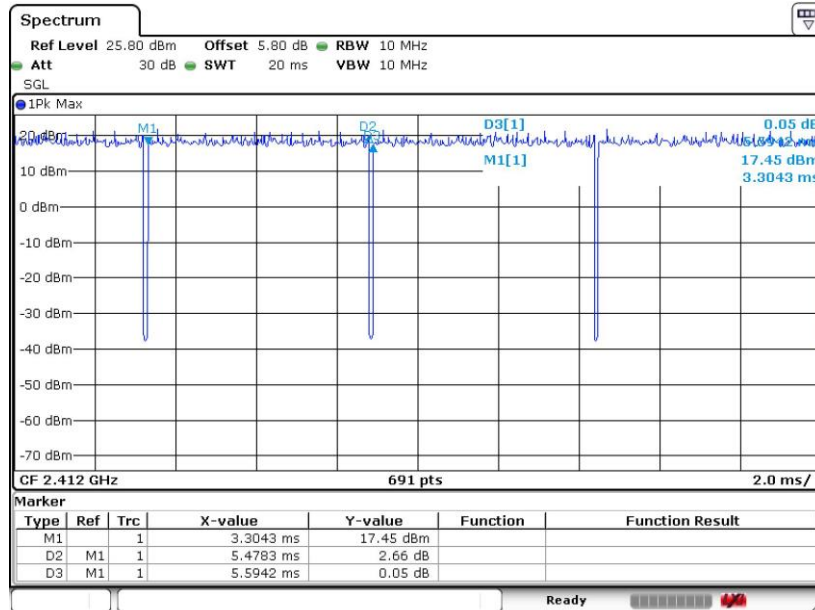
Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11b	100	-	-	10Hz
802.11g	97.93	5.478	0.183	0.2KHz
802.11n HT20	97.77	5.073	0.197	0.2KHz
802.11n HT40	96.05	2.464	0.406	0.43KHz

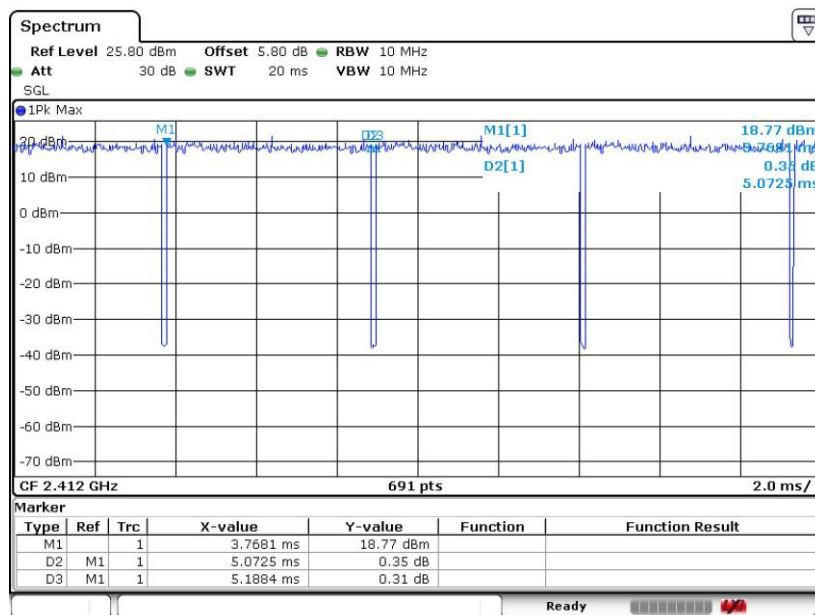
802.11b



802.11g



802.11n HT20



802.11n HT40

