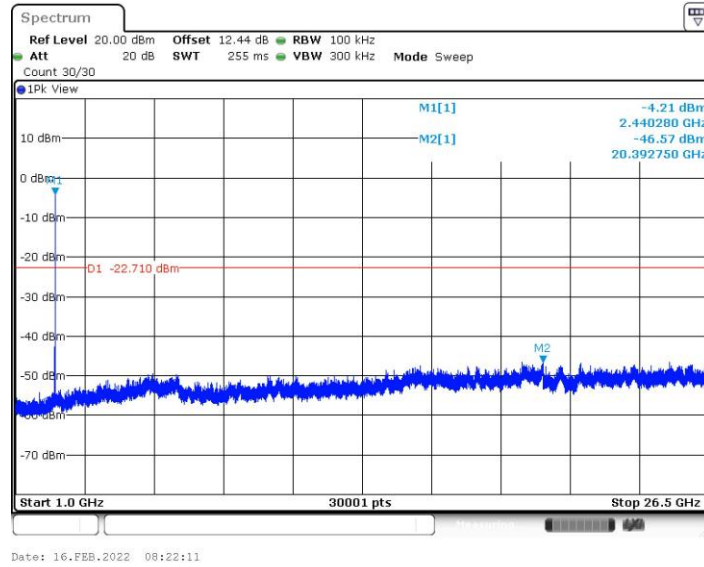
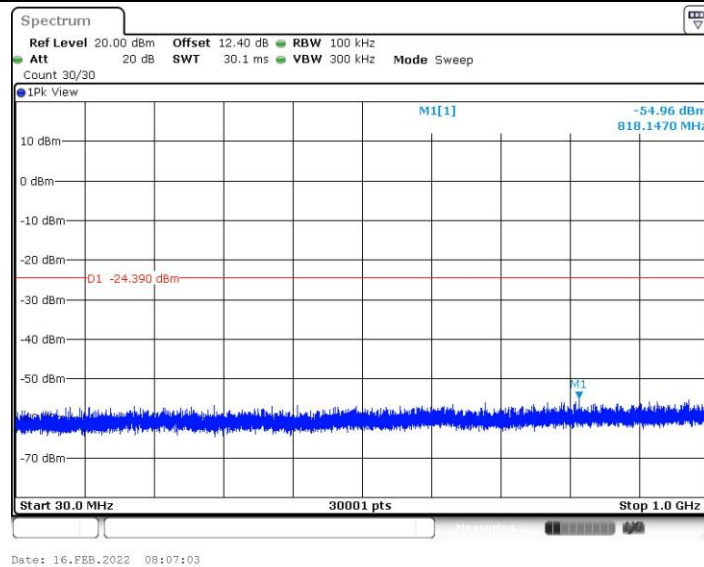




BLE_1M_Ant2_2440_1000~26500

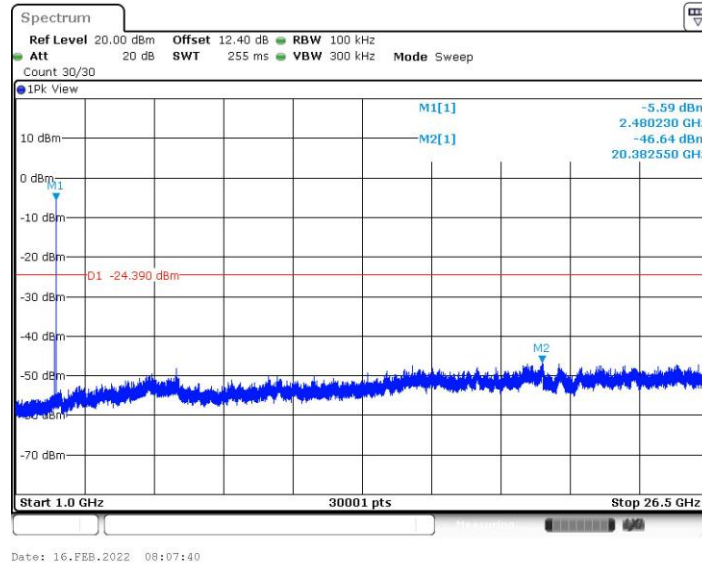


BLE_1M_Ant1_2480_30~1000

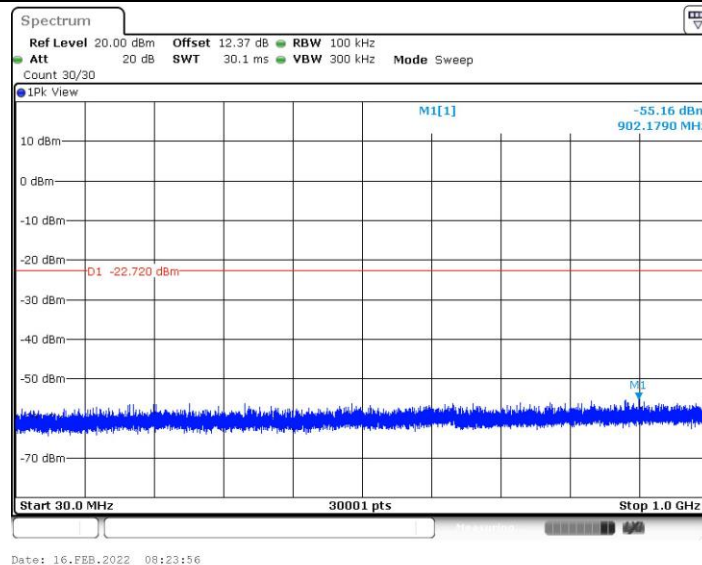




BLE_1M_Ant1_2480_1000~26500

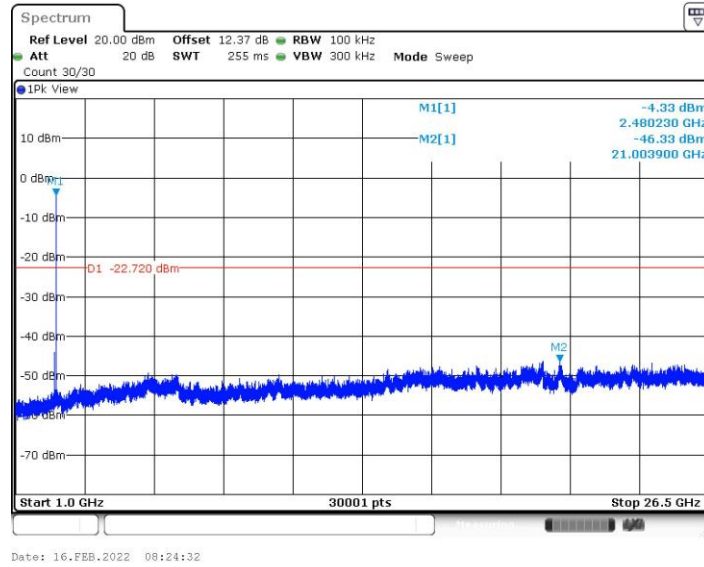


BLE_1M_Ant2_2480_30~1000

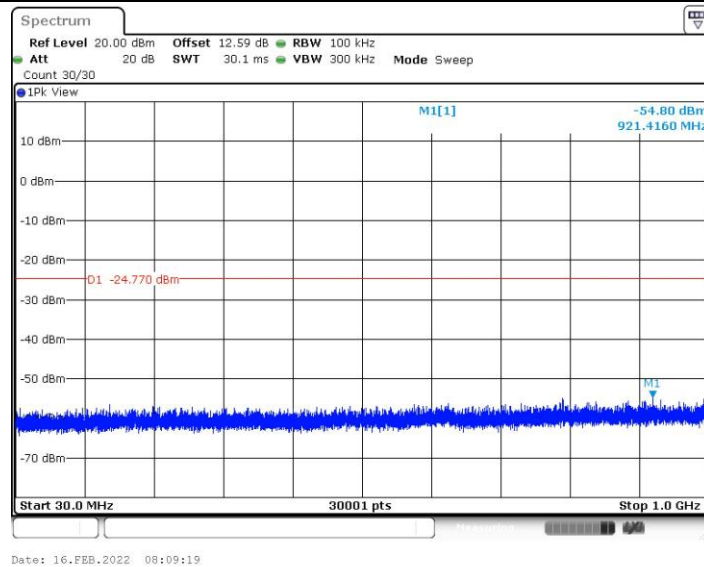




BLE_1M_Ant2_2480_1000~26500

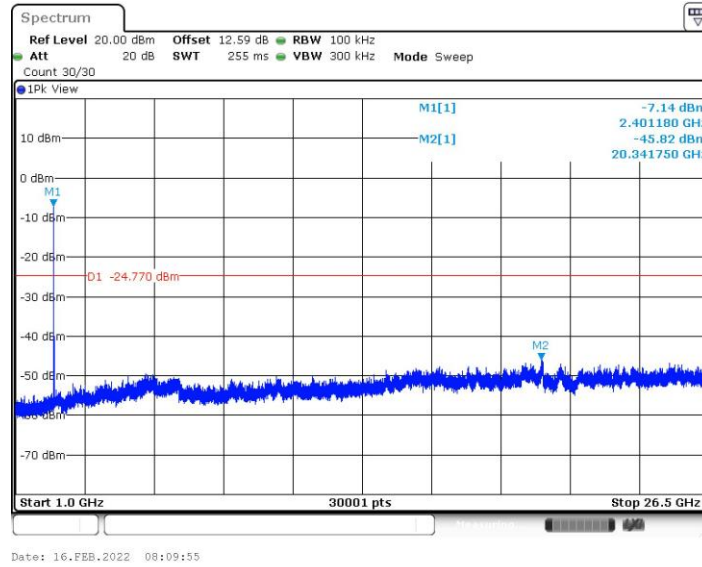


BLE_2M_Ant1_2402_30~1000

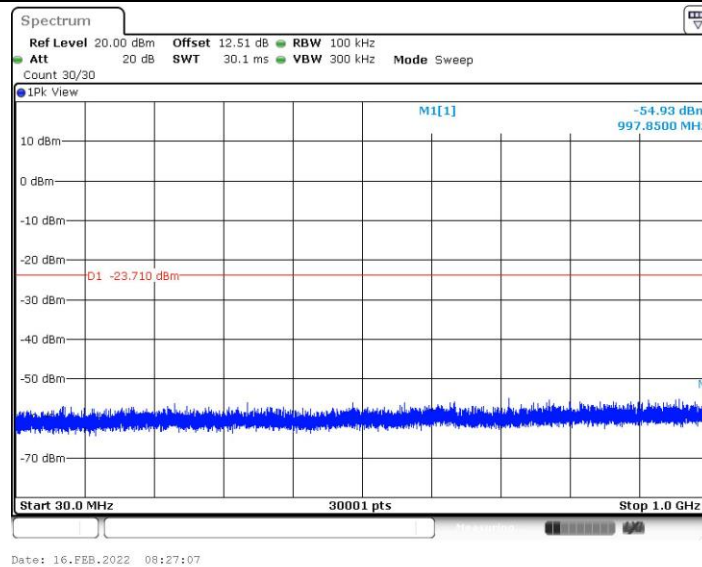




BLE_2M_Ant1_2402_1000~26500

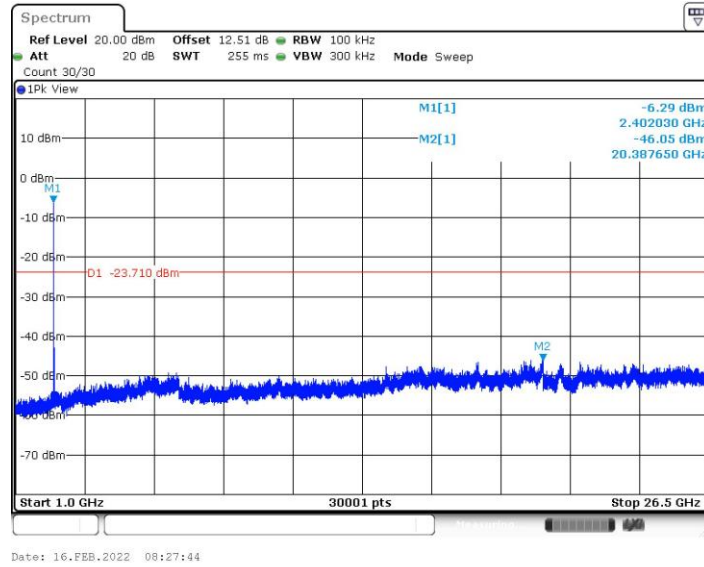


BLE_2M_Ant2_2402_30~1000

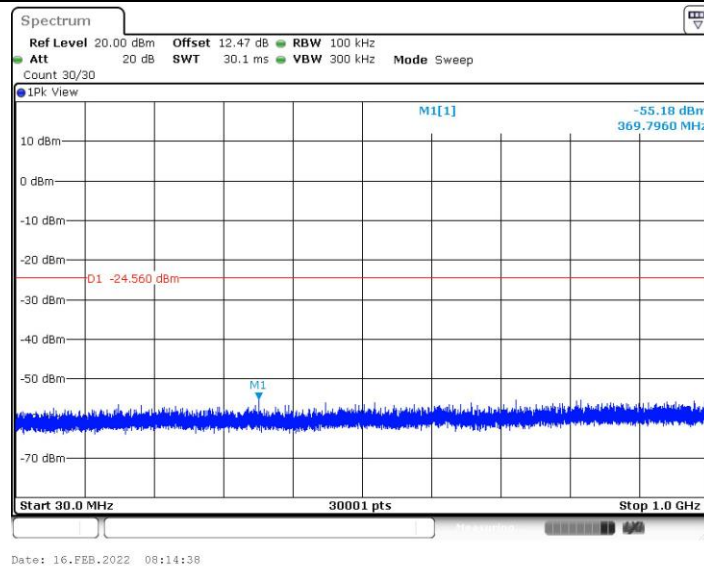




BLE_2M_Ant2_2402_1000~26500

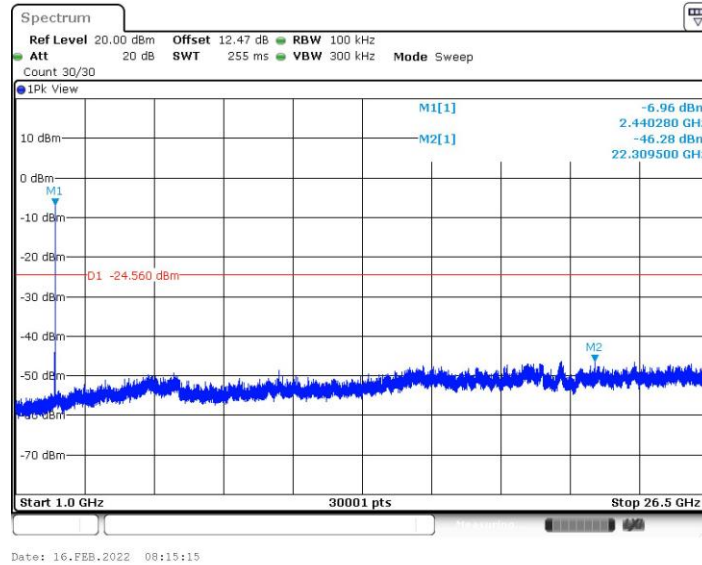


BLE_2M_Ant1_2440_30~1000

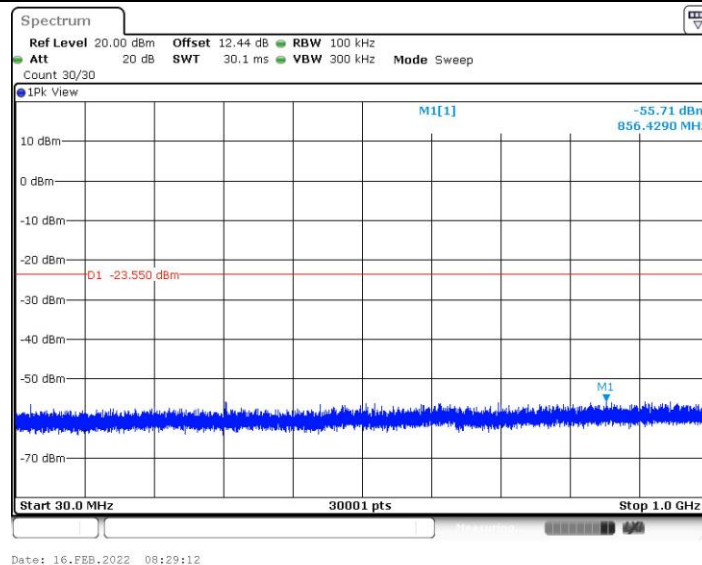




BLE_2M_Ant1_2440_1000~26500

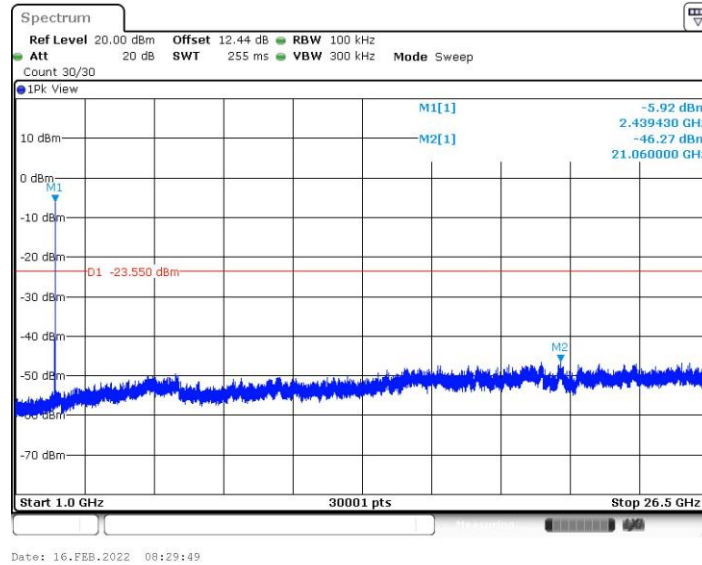


BLE_2M_Ant2_2440_30~1000

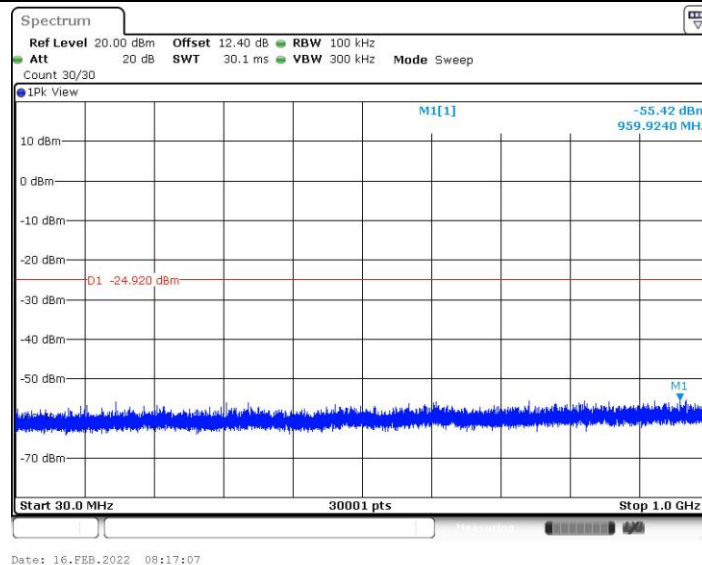




BLE_2M_Ant2_2440_1000~26500

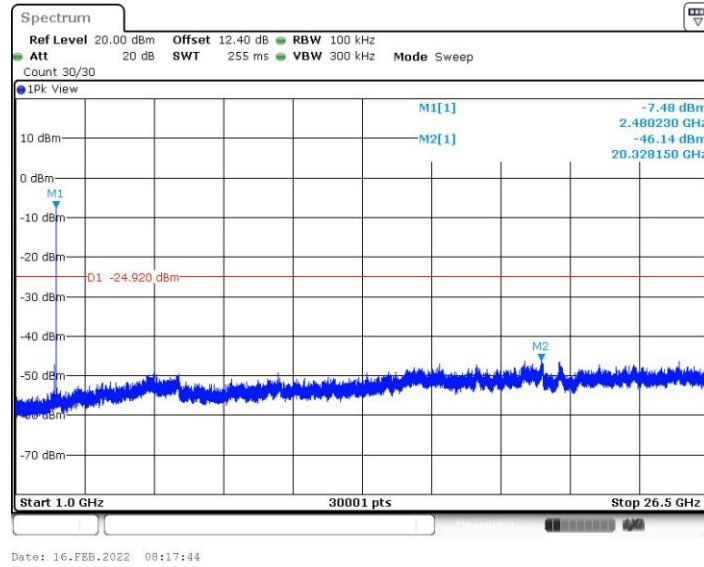


BLE_2M_Ant1_2480_30~1000

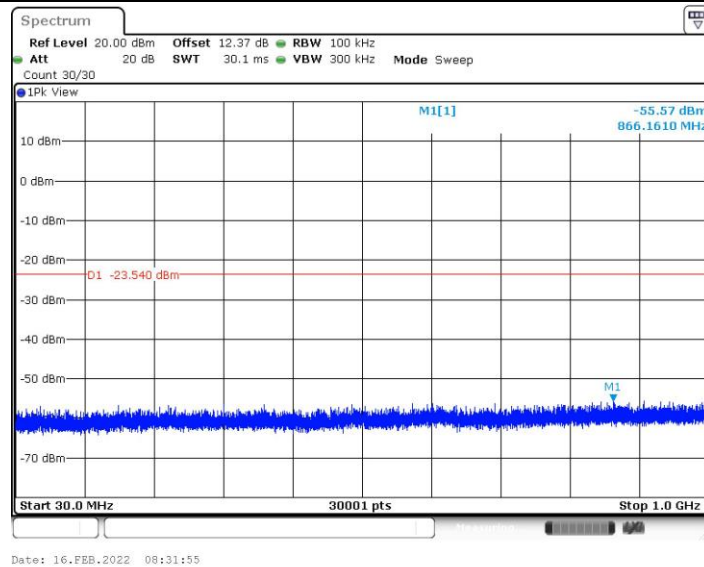


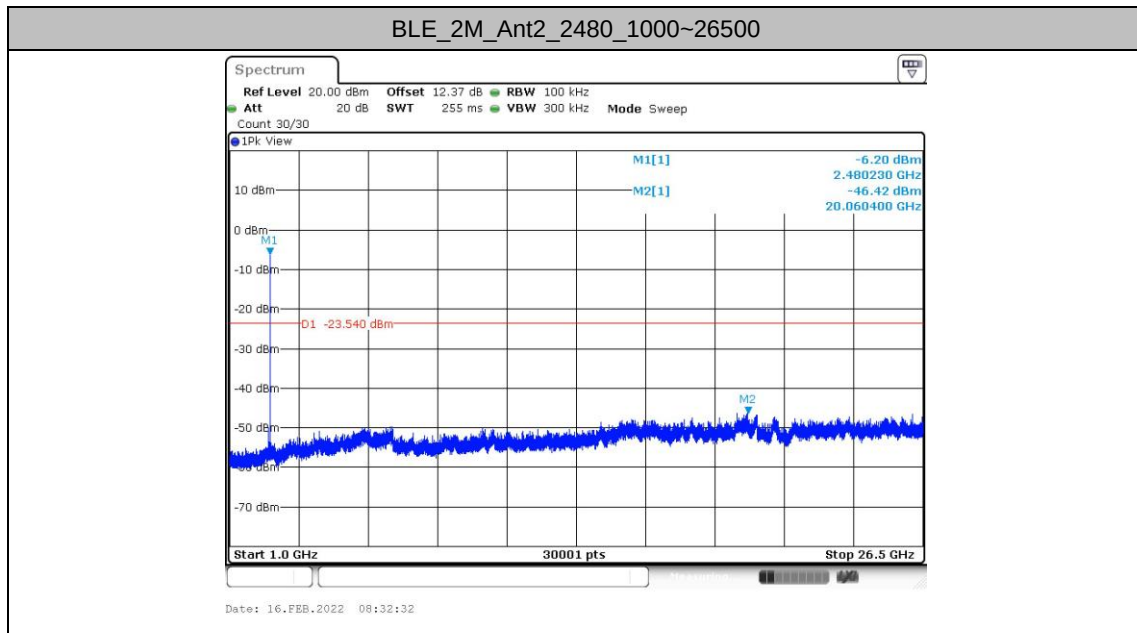


BLE_2M_Ant1_2480_1000~26500



BLE_2M_Ant2_2480_30~1000



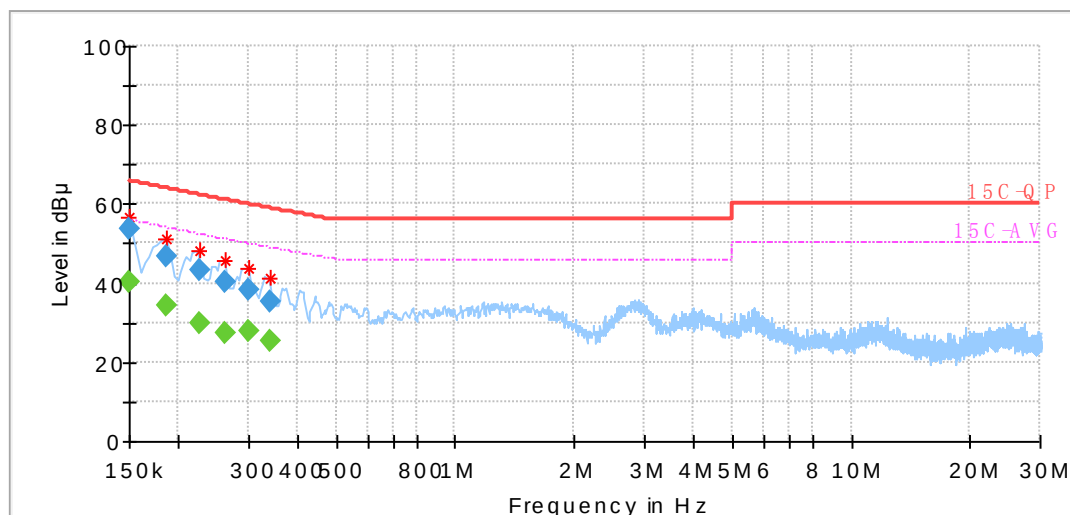




Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2℃
		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



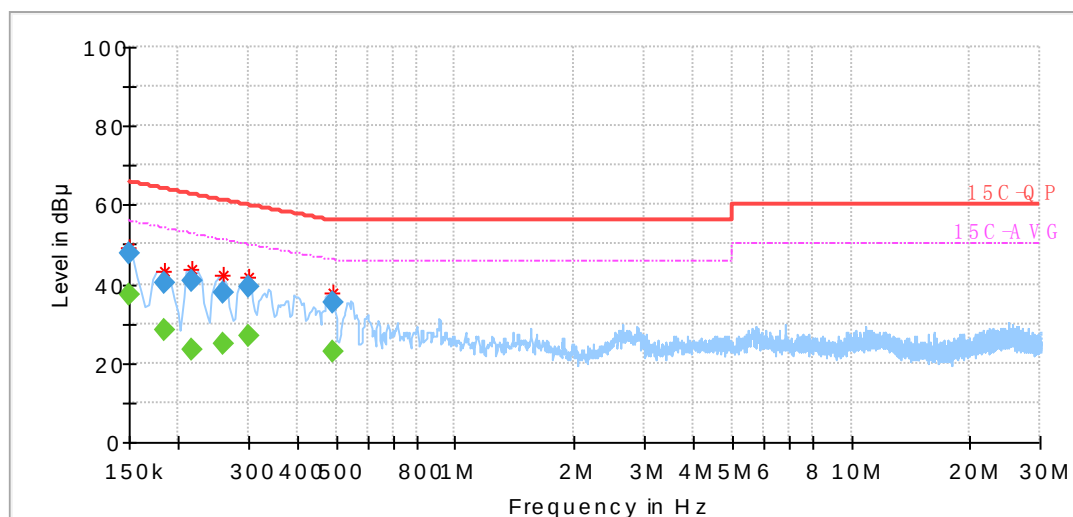
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	40.40	56.00	15.60	L1	OFF	20.1
0.150000	53.71	---	66.00	12.29	L1	OFF	20.1
0.187312	---	34.20	54.00	19.80	L1	OFF	20.0
0.187312	46.73	---	64.03	17.30	L1	OFF	20.0
0.225394	---	29.91	52.40	22.49	L1	OFF	19.9
0.225394	43.08	---	62.43	19.35	L1	OFF	19.9
0.262706	---	27.60	51.10	23.51	L1	OFF	19.9
0.262706	40.05	---	61.14	21.09	L1	OFF	19.9
0.300788	---	28.06	49.98	21.92	L1	OFF	19.9
0.300788	38.35	---	60.02	21.67	L1	OFF	19.9
0.338812	---	25.18	49.02	23.84	L1	OFF	19.9
0.338812	35.18	---	59.05	23.87	L1	OFF	19.9



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2℃
		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



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	37.41	56.00	18.59	N	OFF	20.2
0.150000	48.01	---	66.00	17.99	N	OFF	20.2
0.184350	---	28.39	54.15	25.75	N	OFF	20.2
0.184350	40.11	---	64.17	24.06	N	OFF	20.2
0.215681	---	23.59	52.77	29.19	N	OFF	20.2
0.215681	40.75	---	62.81	22.06	N	OFF	20.2
0.258975	---	24.70	51.22	26.52	N	OFF	20.1
0.258975	37.76	---	61.26	23.50	N	OFF	20.1
0.301500	---	26.78	49.96	23.18	N	OFF	20.0
0.301500	39.52	---	60.00	20.48	N	OFF	20.0
0.489544	---	23.05	46.16	23.10	N	OFF	19.9
0.489544	35.22	---	56.16	20.94	N	OFF	19.9



Appendix C. Radiated Spurious Emission

Test Engineer :	Henry Li	Temperature :	22~23°C
		Relative Humidity :	41~42%

2.4GHz 2400~2483.5MHz

BLE (ANT 1) -1Mbps (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2388	53.63	-20.37	74	48.41	30.94	7.16	32.88	114	121	P	H
		2389.82	43.35	-10.65	54	38.09	30.94	7.16	32.84	114	121	A	H
	*	2402	92.79	-	-	87.47	31	7.16	32.84	114	121	P	H
	*	2402	92.03	-	-	86.71	31	7.16	32.84	114	121	A	H
		2344.45	53.89	-20.11	74	48.97	30.77	7.07	32.92	381	77	P	V
		2385.14	43.17	-10.83	54	37.98	30.94	7.13	32.88	381	77	A	V
	*	2402	89.91	-	-	84.59	31	7.16	32.84	381	77	P	V
	*	2402	89.11	-	-	83.79	31	7.16	32.84	381	77	A	V
BLE CH 19 2440MHz		2311.3	54.17	-19.83	74	49.51	30.65	7.01	33	135	125	P	H
		2385.92	43.3	-10.7	54	38.08	30.94	7.16	32.88	135	125	A	H
	*	2440	91.49	-	-	85.96	31.07	7.23	32.77	135	125	P	H
	*	2440	90.54	-	-	85.01	31.07	7.23	32.77	135	125	A	H
		2489.8	54.29	-19.71	74	48.46	31.17	7.3	32.64	135	125	P	H
		2492.08	43.77	-10.23	54	37.87	31.17	7.3	32.57	135	125	A	H
		2361.61	54.08	-19.92	74	49.07	30.83	7.1	32.92	295	64	P	V
		2379.94	43.27	-10.73	54	38.14	30.88	7.13	32.88	295	64	A	V
	*	2440	90.95	-	-	85.42	31.07	7.23	32.77	295	64	P	V
	*	2440	90.2	-	-	84.67	31.07	7.23	32.77	295	64	A	V
		2498.08	54.67	-19.33	74	48.77	31.17	7.3	32.57	295	64	P	V
		2490.88	43.87	-10.13	54	38.04	31.17	7.3	32.64	295	64	A	V



BLE CH 39 2480MHz	*	2480	92.21	-	-	86.45	31.13	7.27	32.64	217	109	P	H
	*	2480	91.38	-	-	85.62	31.13	7.27	32.64	217	109	A	H
		2487.34	55.16	-18.84	74	49.36	31.17	7.27	32.64	217	109	P	H
		2483.5	43.88	-10.12	54	38.12	31.13	7.27	32.64	217	109	A	H
	*	2480	90.77	-	-	85.01	31.13	7.27	32.64	320	73	P	V
	*	2480	89.96	-	-	84.2	31.13	7.27	32.64	320	73	A	V
		2487.16	54.24	-19.76	74	48.44	31.17	7.27	32.64	320	73	P	V
		2483.62	43.88	-10.12	54	38.12	31.13	7.27	32.64	320	73	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

BLE (ANT 1) -1Mbps (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		4800	41.79	-32.21	74	57.08	34.51	10.24	60.04	300	0	P	H
		4800	42.11	-31.89	74	57.4	34.51	10.24	60.04	100	0	P	V
BLE CH 19 2440MHz		4875	42.06	-31.94	74	57.11	34.66	10.32	60.03	300	0	P	H
		7320	43.79	-30.21	74	54.98	36.56	12.77	60.52	300	0	P	H
		4875	41.09	-32.91	74	56.14	34.66	10.32	60.03	100	0	P	V
		7320	44.24	-29.76	74	55.43	36.56	12.77	60.52	100	0	P	V
BLE CH 39 2480MHz		4965	42.02	-31.98	74	56.79	34.81	10.43	60.01	300	0	P	H
		7440	43.79	-30.21	74	54.86	36.59	12.88	60.54	300	0	P	H
		4965	42.25	-31.75	74	57.02	34.81	10.43	60.01	100	0	P	V
		7440	44.93	-29.07	74	56	36.59	12.88	60.54	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

BLE (ANT 2) -1Mbps (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2381.24	54.13	-19.87	74	49	30.88	7.13	32.88	103	120	P	H
		2389.69	43.38	-10.62	54	38.16	30.94	7.16	32.88	103	120	A	H
	*	2402	93.43	-	-	88.11	31	7.16	32.84	103	120	P	H
	*	2402	92.72	-	-	87.4	31	7.16	32.84	103	120	A	H
		2382.02	53.82	-20.18	74	48.69	30.88	7.13	32.88	392	53	P	V
		2386.57	43.41	-10.59	54	38.19	30.94	7.16	32.88	392	53	A	V
	*	2402	92.48	-	-	87.16	31	7.16	32.84	392	53	P	V
	*	2402	91.74	-	-	86.42	31	7.16	32.84	392	53	A	V
BLE CH 19 2440MHz		2364.21	53.99	-20.01	74	48.98	30.83	7.1	32.92	105	129	P	H
		2387.35	43.38	-10.62	54	38.16	30.94	7.16	32.88	105	129	A	H
	*	2440	94.22	-	-	88.69	31.07	7.23	32.77	105	129	P	H
	*	2440	93.47	-	-	87.94	31.07	7.23	32.77	105	129	A	H
		2497.42	54.65	-19.35	74	48.75	31.17	7.3	32.57	105	129	P	H
		2492.68	43.91	-10.09	54	38.01	31.17	7.3	32.57	105	129	A	H
		2367.59	53.91	-20.09	74	48.81	30.88	7.1	32.88	381	35	P	V
		2387.74	43.34	-10.66	54	38.12	30.94	7.16	32.88	381	35	A	V
	*	2440	90.93	-	-	85.4	31.07	7.23	32.77	381	35	P	V
	*	2440	90.14	-	-	84.61	31.07	7.23	32.77	381	35	A	V
		2484.64	54.68	-19.32	74	48.92	31.13	7.27	32.64	381	35	P	V
		2494.6	43.95	-10.05	54	38.05	31.17	7.3	32.57	381	35	A	V



BLE CH 39 2480MHz	*	2480	93.44	-	-	87.68	31.13	7.27	32.64	106	115	P	H
	*	2480	92.65	-	-	86.89	31.13	7.27	32.64	106	115	A	H
		2490.28	54.41	-19.59	74	48.58	31.17	7.3	32.64	106	115	P	H
		2483.5	44.08	-9.92	54	38.32	31.13	7.27	32.64	106	115	A	H
	*	2480	91.93	-	-	86.17	31.13	7.27	32.64	400	39	P	V
	*	2480	91	-	-	85.24	31.13	7.27	32.64	400	39	A	V
		2491.72	54.11	-19.89	74	48.28	31.17	7.3	32.64	400	39	P	V
		2499.46	44.09	-9.91	54	38.19	31.17	7.3	32.57	400	39	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

BLE (ANT 2) ---1Mbps (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		4800	40.9	-33.1	74	56.19	34.51	10.24	60.04	300	0	P	H
		4800	41.38	-32.62	74	56.67	34.51	10.24	60.04	100	0	P	V
BLE CH 19 2440MHz		4875	41.63	-32.37	74	56.68	34.66	10.32	60.03	300	0	P	H
		7320	44.03	-29.97	74	55.22	36.56	12.77	60.52	300	0	P	H
		4875	41.84	-32.16	74	56.89	34.66	10.32	60.03	100	0	P	V
		7320	44.04	-29.96	74	55.23	36.56	12.77	60.52	100	0	P	V
BLE CH 39 2480MHz		4965	42.33	-31.67	74	57.1	34.81	10.43	60.01	300	0	P	H
		7440	43.18	-30.82	74	54.25	36.59	12.88	60.54	300	0	P	H
		4965	42.7	-31.3	74	57.47	34.81	10.43	60.01	100	0	P	V
		7440	44.58	-29.42	74	55.65	36.59	12.88	60.54	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

BLE (ANT 1) -2Mbps (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2377.73	54.51	-19.49	74	49.38	30.88	7.13	32.88	234	304	P	H
		2387.48	43.64	-10.36	54	38.42	30.94	7.16	32.88	234	304	A	H
	*	2402	92.05	-	-	86.73	31	7.16	32.84	234	304	P	H
	*	2402	90.36	-	-	85.04	31	7.16	32.84	234	304	A	H
		2334.57	53.89	-20.11	74	49.01	30.77	7.07	32.96	292	243	P	V
		2382.41	43.58	-10.42	54	38.45	30.88	7.13	32.88	292	243	A	V
	*	2402	91.31	-	-	85.99	31	7.16	32.84	292	243	P	V
	*	2402	89.71	-	-	84.39	31	7.16	32.84	292	243	A	V
BLE CH 19 2440MHz		2364.21	53.83	-20.17	74	48.82	30.83	7.1	32.92	232	305	P	H
		2382.67	43.79	-10.21	54	38.66	30.88	7.13	32.88	232	305	A	H
	*	2440	91.76	-	-	86.23	31.07	7.23	32.77	232	305	P	H
	*	2440	90.13	-	-	84.6	31.07	7.23	32.77	232	305	A	H
		2489.44	55.08	-18.92	74	49.25	31.17	7.3	32.64	232	305	P	H
		2498.74	44.22	-9.78	54	38.32	31.17	7.3	32.57	232	305	A	H
		2340.55	53.98	-20.02	74	49.06	30.77	7.07	32.92	366	251	P	V
		2389.04	43.57	-10.43	54	38.35	30.94	7.16	32.88	366	251	A	V
	*	2440	91.89	-	-	86.36	31.07	7.23	32.77	366	251	P	V
	*	2440	90.26	-	-	84.73	31.07	7.23	32.77	366	251	A	V
		2497.18	54.63	-19.37	74	48.73	31.17	7.3	32.57	366	251	P	V
		2495.32	44.16	-9.84	54	38.26	31.17	7.3	32.57	366	251	A	V



BLE CH 39 2480MHz	*	2480	91.51	-	-	85.75	31.13	7.27	32.64	170	296	P	H
	*	2480	89.8	-	-	84.04	31.13	7.27	32.64	170	296	A	H
		2497.9	54.7	-19.3	74	48.8	31.17	7.3	32.57	170	296	P	H
		2483.5	44.79	-9.21	54	39.03	31.13	7.27	32.64	170	296	A	H
	*	2480	91.64	-	-	85.88	31.13	7.27	32.64	313	248	P	V
	*	2480	89.93	-	-	84.17	31.13	7.27	32.64	313	248	A	V
		2484.7	54.28	-19.72	74	48.52	31.13	7.27	32.64	313	248	P	V
		2483.5	44.89	-9.11	54	39.13	31.13	7.27	32.64	313	248	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz
BLE (ANT 1) -2Mbps (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		4800	41.23	-32.77	74	56.52	34.51	10.24	60.04	300	0	P	H
		4800	41.04	-32.96	74	56.33	34.51	10.24	60.04	100	0	P	V
BLE CH 19 2440MHz		4875	41.49	-32.51	74	56.54	34.66	10.32	60.03	300	0	P	H
		7320	43.17	-30.83	74	54.36	36.56	12.77	60.52	300	0	P	H
		4875	41.97	-32.03	74	57.02	34.66	10.32	60.03	100	0	P	V
		7320	44.42	-29.58	74	55.61	36.56	12.77	60.52	100	0	P	V
BLE CH 39 2480MHz		4965	42.57	-31.43	74	57.34	34.81	10.43	60.01	300	0	P	H
		7440	43.25	-30.75	74	54.32	36.59	12.88	60.54	300	0	P	H
		4965	42.83	-31.17	74	57.6	34.81	10.43	60.01	100	0	P	V
		7440	44.11	-29.89	74	55.18	36.59	12.88	60.54	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

BLE (ANT 2) -2Mbps (Band Edge @ 3m)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2376.43	53.95	-20.05	74	48.82	30.88	7.13	32.88	105	128	P	H
		2386.83	43.61	-10.39	54	38.39	30.94	7.16	32.88	105	128	A	H
	*	2402	93.84	-	-	88.52	31	7.16	32.84	105	128	P	H
	*	2402	92.14	-	-	86.82	31	7.16	32.84	105	128	A	H
		2365.38	54.33	-19.67	74	49.28	30.83	7.1	32.88	391	55	P	V
		2387.09	43.57	-10.43	54	38.35	30.94	7.16	32.88	391	55	A	V
	*	2402	92.51	-	-	87.19	31	7.16	32.84	391	55	P	V
	*	2402	90.8	-	-	85.48	31	7.16	32.84	391	55	A	V
BLE CH 19 2440MHz		2338.34	54.4	-19.6	74	49.52	30.77	7.07	32.96	149	119	P	H
		2385.14	43.75	-10.25	54	38.56	30.94	7.13	32.88	149	119	A	H
	*	2440	94.48	-	-	88.95	31.07	7.23	32.77	149	119	P	H
	*	2440	92.83	-	-	87.3	31.07	7.23	32.77	149	119	A	H
		2490.58	54.94	-19.06	74	49.11	31.17	7.3	32.64	149	119	P	H
		2486.08	44.14	-9.86	54	38.34	31.17	7.27	32.64	149	119	A	H
		2365.51	54.55	-19.45	74	49.5	30.83	7.1	32.88	378	27	P	V
		2389.56	43.77	-10.23	54	38.55	30.94	7.16	32.88	378	27	A	V
	*	2440	91.04	-	-	85.51	31.07	7.23	32.77	378	27	P	V
	*	2440	89.28	-	-	83.75	31.07	7.23	32.77	378	27	A	V
		2487.34	55.04	-18.96	74	49.24	31.17	7.27	32.64	378	27	P	V
		2487.22	44.23	-9.77	54	38.43	31.17	7.27	32.64	378	27	A	V



BLE CH 39 2480MHz	*	2480	93.33	-	-	87.57	31.13	7.27	32.64	109	116	P	H
	*	2480	91.68	-	-	85.92	31.13	7.27	32.64	109	116	A	H
		2488.24	54.18	-19.82	74	48.35	31.17	7.3	32.64	109	116	P	H
		2483.5	45.39	-8.61	54	39.63	31.13	7.27	32.64	109	116	A	H
	*	2480	92.35	-	-	86.59	31.13	7.27	32.64	400	42	P	V
	*	2480	90.69	-	-	84.93	31.13	7.27	32.64	400	42	A	V
		2483.92	55.26	-18.74	74	49.5	31.13	7.27	32.64	400	42	P	V
		2483.5	45.26	-8.74	54	39.5	31.13	7.27	32.64	400	42	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

BLE (ANT 2) -2Mbps (Harmonic @ 3m)

BLE	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		4800	41.44	-32.56	74	56.73	34.51	10.24	60.04	300	0	P	H
		4800	41.37	-32.63	74	56.66	34.51	10.24	60.04	100	0	P	V
BLE CH 19 2440MHz		4875	42.08	-31.92	74	57.13	34.66	10.32	60.03	300	0	P	H
		7320	44.04	-29.96	74	55.23	36.56	12.77	60.52	300	0	P	H
		4875	41.53	-32.47	74	56.58	34.66	10.32	60.03	100	0	P	V
		7320	45.13	-28.87	74	56.32	36.56	12.77	60.52	100	0	P	V
BLE CH 39 2480MHz		4965	42.29	-31.71	74	57.06	34.81	10.43	60.01	300	0	P	H
		7440	44.2	-29.8	74	55.27	36.59	12.88	60.54	300	0	P	H
		4965	42.68	-31.32	74	57.45	34.81	10.43	60.01	100	0	P	V
		7440	43.99	-30.01	74	55.06	36.59	12.88	60.54	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 BLE (ANT 2) -2Mbps (LF)

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BLE LF		30	22.55	-17.45	40	28.05	25.15	0.58	31.23	-	-	P	H
		106.63	28	-15.5	43.5	40.82	17.29	1.68	31.79	-	-	P	H
		194.9	34.6	-8.9	43.5	48.11	15.56	2.27	31.34	-	-	P	H
		337.49	28.74	-17.26	46	37.31	20.1	2.98	31.65	-	-	P	H
		562.53	27.99	-18.01	46	30.52	25.16	3.86	31.55	-	-	P	H
		749.74	29.96	-16.04	46	30.93	25.69	4.45	31.11	-	-	P	H
		39.7	30.37	-9.63	40	41.4	19.9	0.72	31.65	-	-	P	V
		94.02	33.39	-10.11	43.5	46.94	16.84	1.54	31.93	-	-	P	V
		129.91	33.69	-9.81	43.5	45.65	17.74	1.84	31.54	-	-	P	V
		194.9	28.86	-14.64	43.5	41.51	16.42	2.27	31.34	-	-	P	V
		353.01	29.3	-16.7	46	36.41	21.48	3.04	31.63	-	-	P	V
		564.47	30.25	-15.75	46	32.15	25.78	3.86	31.54	-	-	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:

BLE	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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”.

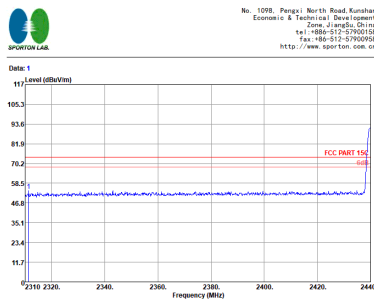
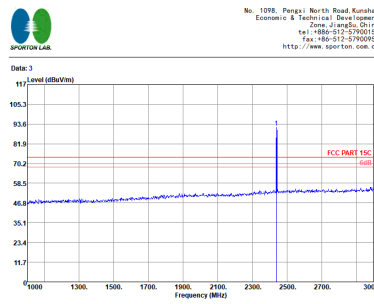
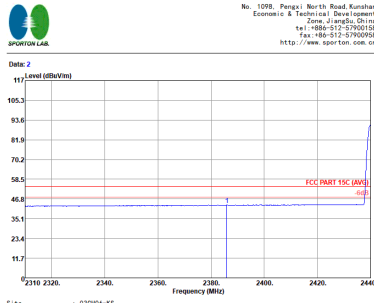
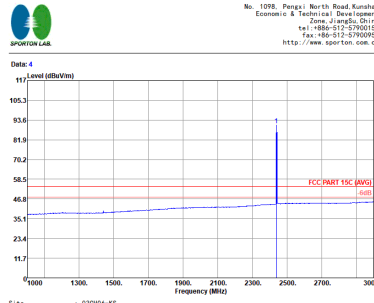
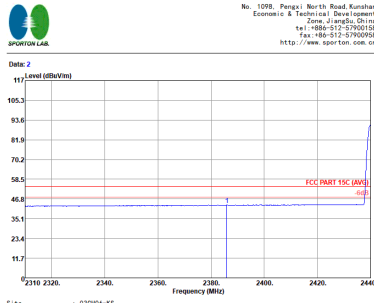
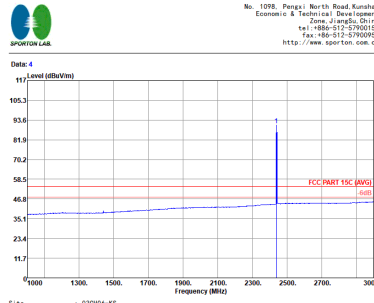
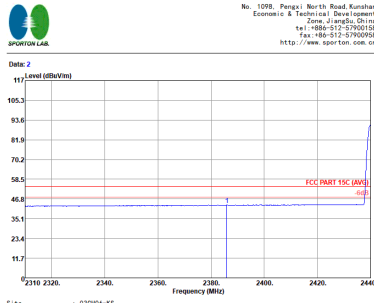
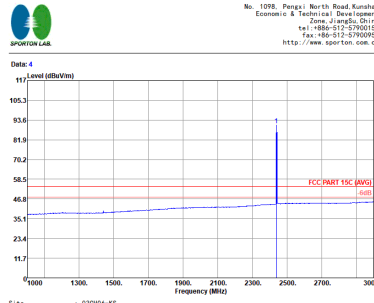


Appendix D. Radiated Spurious Emission Plots

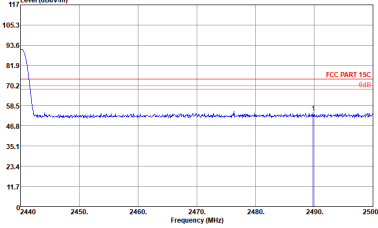
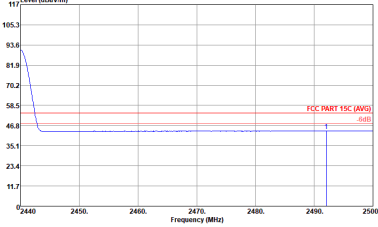
Note symbol

-L	Low channel location
-R	High channel location

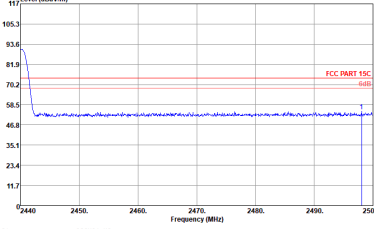
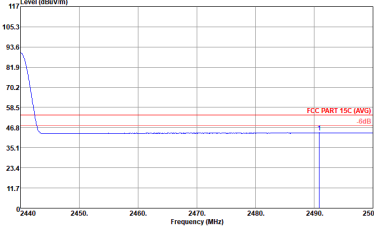


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																																																																						
ANT	BLE CH19 2440MHz - L																																																																																																																																						
1	Horizontal	Fundamental																																																																																																																																					
Peak	 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 Date: 1 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2325 2340 2360 2380 2400 2420 2440 Frequency (MHz) FCC PART 15C dBm Site : 030H0-KS Condition : FCC PART 15C 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2311.30</td><td>54.17</td><td>-19.83</td><td>74.00</td><td>49.51</td><td>30.65</td><td>7.01</td><td>33.00</td><td>135</td><td>125 Peak</td></tr></table> HORIZONT  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 Date: 3 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2400 2415 2430 2445 2460 2475 2490 Frequency (MHz) FCC PART 15C dBm Site : 030H0-KS Condition : FCC PART 15C 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>91.49</td><td>17.49</td><td>74.00</td><td>85.96</td><td>31.07</td><td>7.23</td><td>32.77</td><td>135</td><td>125 Peak</td></tr></table> HORIZONT <tr><td rowspan="2">Avg.</td><td>  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 Date: 2 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2325 2340 2360 2380 2400 2420 2440 Frequency (MHz) FCC PART 15C (AVG) dBm Site : 030H0-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2385.92</td><td>43.30</td><td>-10.70</td><td>54.00</td><td>38.08</td><td>30.94</td><td>7.16</td><td>32.88</td><td>135</td><td>125 Average</td></tr></table> HORIZONT  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 Date: 4 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2400 2415 2430 2445 2460 2475 2490 Frequency (MHz) FCC PART 15C (AVG) dBm Site : 030H0-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>90.54</td><td>36.54</td><td>54.00</td><td>85.01</td><td>31.07</td><td>7.23</td><td>32.77</td><td>135</td><td>125 Average</td></tr></table> HORIZONT </td></tr>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2311.30	54.17	-19.83	74.00	49.51	30.65	7.01	33.00	135	125 Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2440.00	91.49	17.49	74.00	85.96	31.07	7.23	32.77	135	125 Peak	Avg.	 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 Date: 2 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2325 2340 2360 2380 2400 2420 2440 Frequency (MHz) FCC PART 15C (AVG) dBm Site : 030H0-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2385.92</td><td>43.30</td><td>-10.70</td><td>54.00</td><td>38.08</td><td>30.94</td><td>7.16</td><td>32.88</td><td>135</td><td>125 Average</td></tr></table> HORIZONT  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 Date: 4 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2400 2415 2430 2445 2460 2475 2490 Frequency (MHz) FCC PART 15C (AVG) dBm Site : 030H0-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>90.54</td><td>36.54</td><td>54.00</td><td>85.01</td><td>31.07</td><td>7.23</td><td>32.77</td><td>135</td><td>125 Average</td></tr></table> HORIZONT	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2385.92	43.30	-10.70	54.00	38.08	30.94	7.16	32.88	135	125 Average	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2440.00	90.54	36.54	54.00	85.01	31.07	7.23	32.77	135	125 Average
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																												
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Avg.	 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 Date: 2 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2325 2340 2360 2380 2400 2420 2440 Frequency (MHz) FCC PART 15C (AVG) dBm Site : 030H0-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2385.92</td><td>43.30</td><td>-10.70</td><td>54.00</td><td>38.08</td><td>30.94</td><td>7.16</td><td>32.88</td><td>135</td><td>125 Average</td></tr></table> HORIZONT  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 Date: 4 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2400 2415 2430 2445 2460 2475 2490 Frequency (MHz) FCC PART 15C (AVG) dBm Site : 030H0-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : FR102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>90.54</td><td>36.54</td><td>54.00</td><td>85.01</td><td>31.07</td><td>7.23</td><td>32.77</td><td>135</td><td>125 Average</td></tr></table> HORIZONT	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2385.92	43.30	-10.70	54.00	38.08	30.94	7.16	32.88	135	125 Average	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg			1	2440.00	90.54	36.54	54.00	85.01	31.07	7.23	32.77	135	125 Average																																																																				
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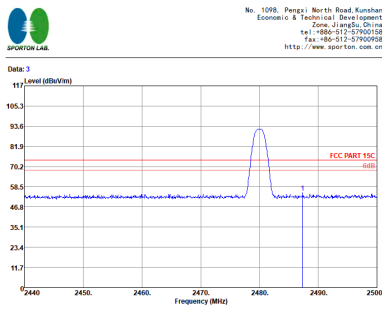
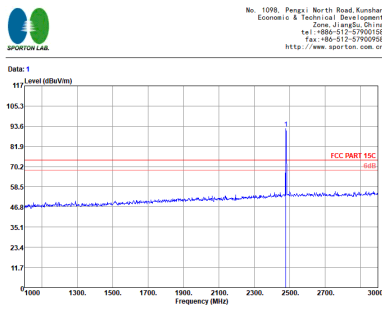
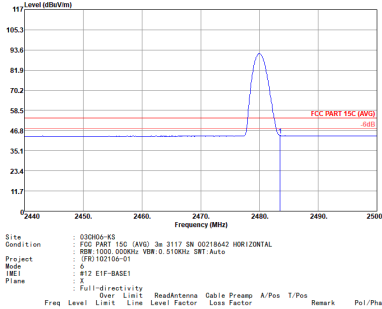
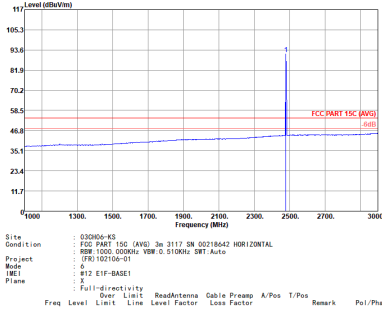


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																		
ANT		BLE CH19 2440MHz - R																																		
1	Horizontal	Fundamental																																		
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Data: 5  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL Project : RSM 1000, 0000Hz VBR 3000, 0000Hz SRT Auto Mod : FR102106-01 Plane : E MEI : #12 E1F-BASE1 Full-directivity : X <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>dBm/100m</th><th>dBm/100m</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2489.80</td><td>54.29</td><td>-19.71</td><td>74.00</td><td>48.46</td><td>31.17</td><td>7.30</td><td>32.64</td><td>135</td><td>125 Peak</td><td>HORIZONTAL</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	dBm/100m	dBm/100m	cm	deg			1	2489.80	54.29	-19.71	74.00	48.46	31.17	7.30	32.64	135	125 Peak	HORIZONTAL	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																									
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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 Data: 6  Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL Project : RSM 1000, 0000Hz VBR 3.01000Hz SRT Auto Mod : FR102106-01 Plane : E MEI : #12 E1F-BASE1 Full-directivity : X <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>dBm/100m</th><th>dBm/100m</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2492.08</td><td>43.77</td><td>-10.23</td><td>54.00</td><td>37.87</td><td>31.17</td><td>7.30</td><td>32.57</td><td>135</td><td>125 Average</td><td>HORIZONTAL</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	dBm/100m	dBm/100m	cm	deg			1	2492.08	43.77	-10.23	54.00	37.87	31.17	7.30	32.57	135	125 Average	HORIZONTAL	Left blank
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																									
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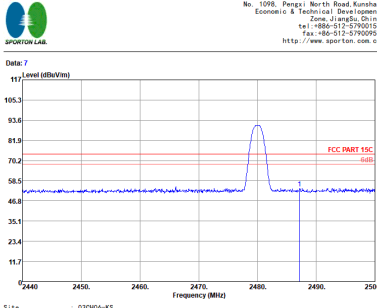
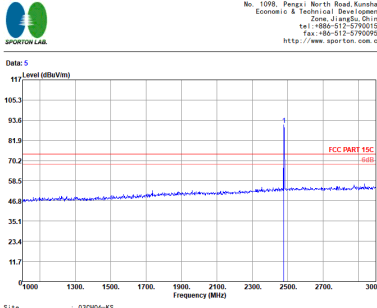
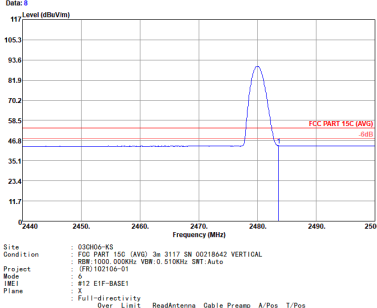
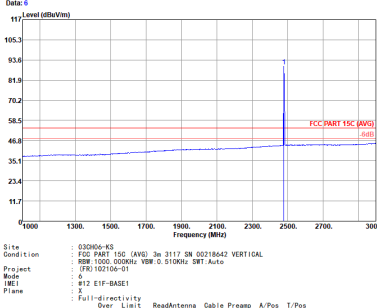


BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT		BLE CH19 2440MHz - R	
1	Vertical	Fundamental	
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Data: 11  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL RBM 1000.000000 VBR 3000.000000 SRT Auto Project : (FR) 102106-01 Mode : S FREQ : #12 E1F-BASE1 Plane : E Full-directivity Over Limit ReadAntenna Cable Presamp A/Pos T/Pos Remark Pol/Phas MHz dBm/100m dB dBm/100m dB dB cm deg 1 2498.08 54.67 -19.33 74.00 48.77 31.17 7.30 32.57 295 64 Peak VERTICAL	Left blank	
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: 12  Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL RBM 1000.000000 VBR 0.510000 SRT Auto Project : (FR) 102106-01 Mode : S FREQ : #12 E1F-BASE1 Plane : E Full-directivity Over Limit ReadAntenna Cable Presamp A/Pos T/Pos Remark Pol/Phas MHz dBm/100m dB dBm/100m dB dB cm deg 1 2498.88 43.87 -10.13 54.00 38.04 31.17 7.30 32.64 295 64 Average VERTICAL	Left blank	



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																									
ANT	BLE CH39 2480MHZ																									
1	Horizontal	Fundamental																								
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site Condition Project Mod MEI Plane 030906-KS FCC PART 15C 3m 3117 SN 00218642 HORIZONT RSM 1000 0000Hz VSW:3000.0000Hz SMT Auto (FR) 102106-01 #12 EIF-BASE1 Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor dB dB cm deg <table><tr><td>1</td><td>2487.34</td><td>55.16</td><td>-18.84</td><td>74.00</td><td>49.36</td><td>31.17</td><td>7.27</td><td>32.64</td><td>217</td><td>109 Peak</td><td>HORIZONT</td></tr></table>	1	2487.34	55.16	-18.84	74.00	49.36	31.17	7.27	32.64	217	109 Peak	HORIZONT	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site Condition Project Mod MEI Plane 030906-KS FCC PART 15C 3m 3117 SN 00218642 HORIZONT RSM 1000 0000Hz VSW:3000.0000Hz SMT Auto (FR) 102106-01 #12 EIF-BASE1 Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor dB dB cm deg <table><tr><td>1</td><td>2480.00</td><td>92.21</td><td>18.21</td><td>74.00</td><td>86.45</td><td>31.13</td><td>7.27</td><td>32.64</td><td>217</td><td>109 Peak</td><td>HORIZONT</td></tr></table>	1	2480.00	92.21	18.21	74.00	86.45	31.13	7.27	32.64	217	109 Peak	HORIZONT
	1	2487.34	55.16	-18.84	74.00	49.36	31.17	7.27	32.64	217	109 Peak	HORIZONT														
1	2480.00	92.21	18.21	74.00	86.45	31.13	7.27	32.64	217	109 Peak	HORIZONT															
Avg.	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site Condition Project Mod MEI Plane 030906-KS FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONT RSM 1000 0000Hz VSW:3.0100Hz SMT Auto (FR) 102106-01 #12 EIF-BASE1 Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor dB dB cm deg <table><tr><td>1</td><td>2483.50</td><td>43.88</td><td>-10.12</td><td>54.00</td><td>38.12</td><td>31.13</td><td>7.27</td><td>32.64</td><td>217</td><td>109 Average</td><td>HORIZONT</td></tr></table>	1	2483.50	43.88	-10.12	54.00	38.12	31.13	7.27	32.64	217	109 Average	HORIZONT	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site Condition Project Mod MEI Plane 030906-KS FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONT RSM 1000 0000Hz VSW:3.0100Hz SMT Auto (FR) 102106-01 #12 EIF-BASE1 Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor dB dB cm deg <table><tr><td>1</td><td>2480.00</td><td>91.38</td><td>37.38</td><td>54.00</td><td>85.42</td><td>31.13</td><td>7.27</td><td>32.64</td><td>217</td><td>109 Average</td><td>HORIZONT</td></tr></table>	1	2480.00	91.38	37.38	54.00	85.42	31.13	7.27	32.64	217	109 Average	HORIZONT
1	2483.50	43.88	-10.12	54.00	38.12	31.13	7.27	32.64	217	109 Average	HORIZONT															
1	2480.00	91.38	37.38	54.00	85.42	31.13	7.27	32.64	217	109 Average	HORIZONT															

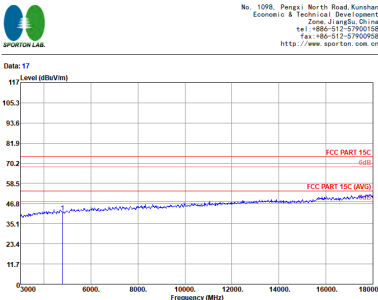
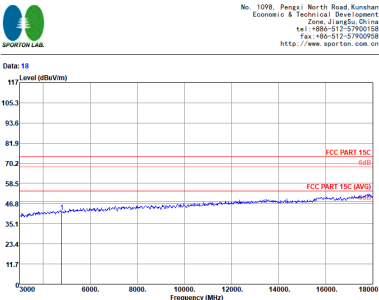


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHZ	
1	Vertical	Fundamental
Peak	 Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT Auto Mode : (FR) 102106-01 MEI : 6 Plane : #12 E1F-BASE1 Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cm deg 1 2487.16 54.24 -19.76 74.00 48.44 31.17 7.27 32.64 320 73 Peak VERTICAL	 Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : R8B-1000, 0000Hz, VSW: 3000, 0000Hz, SMT Auto Mode : (FR) 102106-01 MEI : 6 Plane : #12 E1F-BASE1 Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cm deg 1 2480.00 90.77 16.77 74.00 85.01 31.13 7.27 32.64 320 73 Peak VERTICAL
Avg.	 Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : R8B-1000, 0000Hz, VSW: 3.0100Hz, SMT Auto Mode : (FR) 102106-01 MEI : 6 Plane : #12 E1F-BASE1 Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cm deg 1 2483.62 43.88 -10.12 54.00 38.12 31.13 7.27 32.64 320 73 Average VERTICAL	 Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Economic & Technical Development Zone, Jiangsu China Project : R8B-1000, 0000Hz, VSW: 3.0100Hz, SMT Auto Mode : (FR) 102106-01 MEI : 6 Plane : #12 E1F-BASE1 Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas Freq Level Limit Line Level Factor Loss Factor cm deg 1 2480.00 89.96 35.96 54.00 84.20 31.13 7.27 32.64 320 73 Average VERTICAL

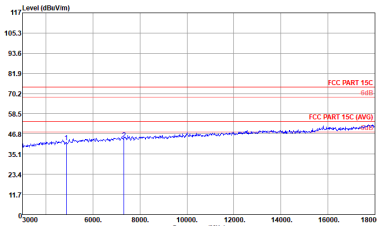
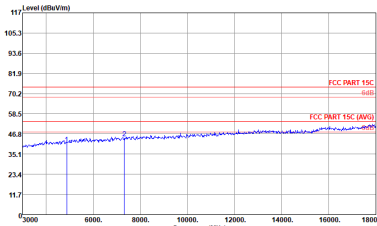


2.4GHz 2400~2483.5MHz

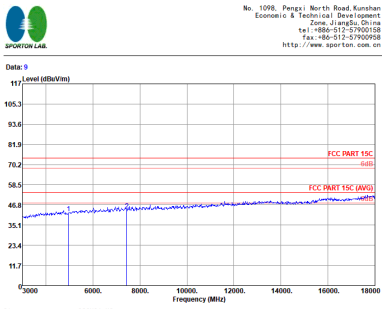
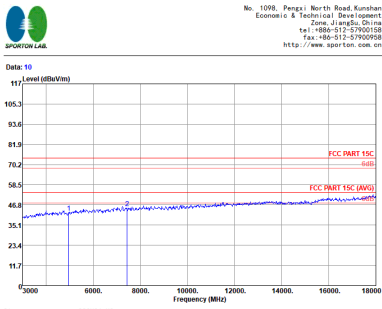
BLE (ANT 1) -1Mbps (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																									
ANT	BLE CH00 2402MHz																									
1	Horizontal	Vertical																								
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 : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00318642 HORIZONTAL Project : RSR 1000 000000 VSR 3000 000000 SRT Auto Date : 20121010-01 Mode : #12 E1F-BASE1 Plane : X Full-directivity : Over Limit : ReadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : <table><tr><th>1</th><th>4800.00</th><th>41.79</th><th>-32.21</th><th>74.00</th><th>57.08</th><th>34.51</th><th>10.24</th><th>60.04</th><th>300</th><th>0 Peak</th><th>HORIZONTAL</th></tr></table>	1	4800.00	41.79	-32.21	74.00	57.08	34.51	10.24	60.04	300	0 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 : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00318642 VERTICAL Project : RSR 1000 000000 VSR 3000 000000 SRT Auto Date : 20121010-01 Mode : #12 E1F-BASE1 Plane : X Full-directivity : Over Limit : ReadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : <table><tr><th>1</th><th>4800.00</th><th>42.11</th><th>-31.89</th><th>74.00</th><th>57.40</th><th>34.51</th><th>10.24</th><th>60.04</th><th>100</th><th>0 Peak</th><th>VERTICAL</th></tr></table>	1	4800.00	42.11	-31.89	74.00	57.40	34.51	10.24	60.04	100	0 Peak	VERTICAL
1	4800.00	41.79	-32.21	74.00	57.08	34.51	10.24	60.04	300	0 Peak	HORIZONTAL															
1	4800.00	42.11	-31.89	74.00	57.40	34.51	10.24	60.04	100	0 Peak	VERTICAL															
Avg.																										



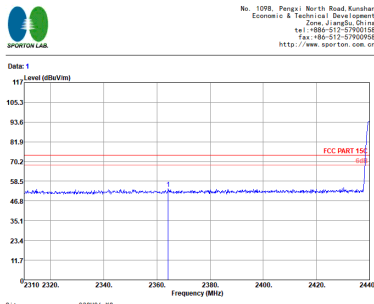
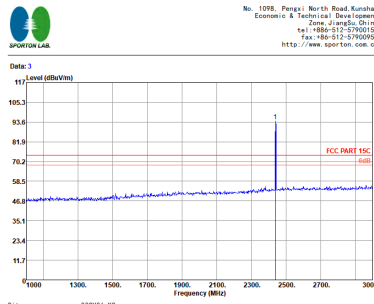
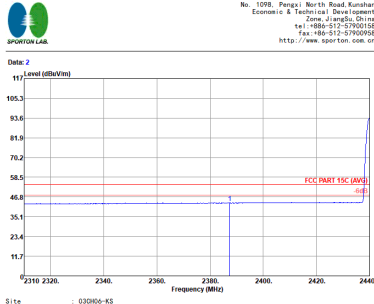
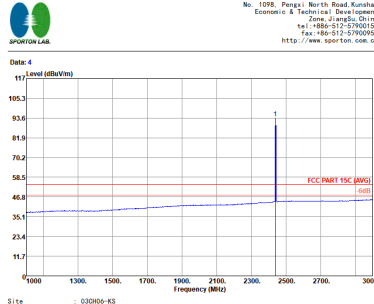
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHZ	
1	Horizontal	Vertical
Peak Avg.	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 13  Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 HORIZONTAL RBM 1000 000KHz VBW 3000 000KHz SFT Auto Project : FR102106-01 Ride : 5 MEI : #12 E1F-BASE1 Plane : X Full-directivity Over Limit HeadAntenna Cable Premo Loss Factor A/Pos T/Pos cm deg 1 4870.00 42.06 -31.94 74.00 57.11 34.66 10.32 60.03 300 0 Peak HORIZONTAL 2 7320.00 43.79 -30.21 74.00 54.98 36.56 12.77 60.52 300 0 Peak HORIZONTAL	 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 Date: 14  Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 VERTICAL RBM 1000 000KHz VBW 3000 000KHz SFT Auto Project : FR102106-01 Ride : 5 MEI : #12 E1F-BASE1 Plane : X Full-directivity Over Limit HeadAntenna Cable Premo Loss Factor A/Pos T/Pos cm deg 1 4870.00 41.09 -32.91 74.00 56.14 34.66 10.32 60.03 100 0 Peak VERTICAL 2 7320.00 44.24 -29.76 74.00 55.43 36.56 12.77 60.52 100 0 Peak VERTICAL



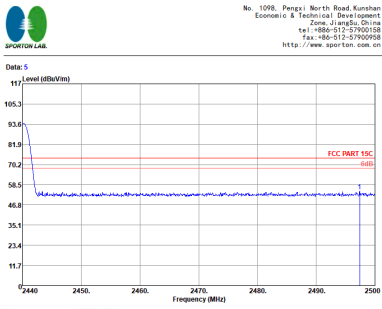
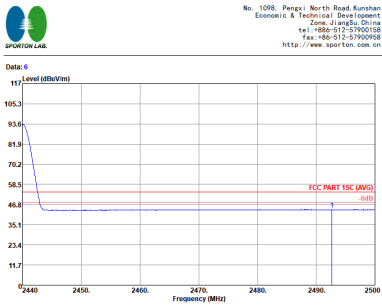
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHZ	
1	Horizontal	Vertical
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu China Tel: +86-512-57900158 Fax: +86-512-57900958 http://www.sporton.com.cn Site : 030804-K5 Condition : FCC PART 15C 3m 3117 SN 00218462 HORIZONT Project : R88-1000-0000KHz VSW:3000-0000KHz SRT:Auto Ride : FR102106-01 IMEI : 812 E1F-BASE1 Plane : X Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV/m dB dB dB cm deg 1 4960.00 42.02 -31.99 74.00 54.86 34.81 10.43 60.01 300 0 Peak HORIZONT 2 7440.00 43.79 -30.21 74.00 54.86 36.39 12.88 60.54 300 0 Peak HORIZONT	 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 : 030804-K5 Condition : FCC PART 15C 3m 3117 SN 00218462 VERTICAL Project : R88-1000-0000KHz VSW:3000-0000KHz SRT:Auto Ride : FR102106-01 IMEI : 812 E1F-BASE1 Plane : X Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV/m dB dB dB cm deg 1 4960.00 42.20 -31.75 74.00 57.02 34.81 10.43 60.01 100 0 Peak VERTICAL 2 7440.00 44.93 -29.07 74.00 56.00 36.39 12.88 60.54 100 0 Peak VERTICAL

Note: Pre-scanned for 18GHz to 26GHz, there are no signals, thus only test data below 18GHz are shown in the report.

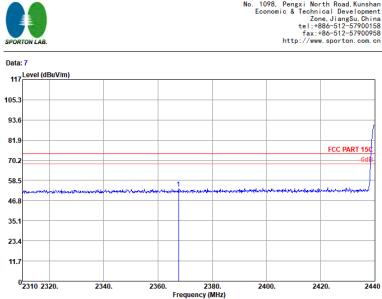
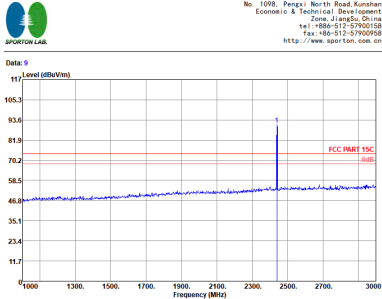
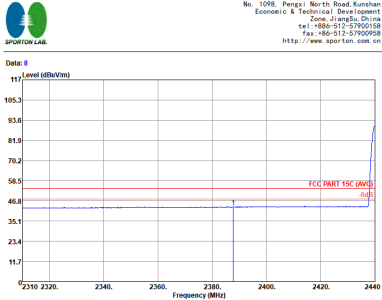
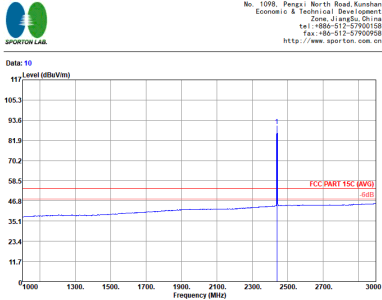


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
2	Horizontal	Fundamental
Peak	The plot shows the peak level of the signal in dBm/Hz versus frequency in MHz. The x-axis ranges from 2310 to 2440 MHz, and the y-axis ranges from 11.7 to 117 dBm/Hz. A red line indicates the FCC Part 15C limit. The signal level is approximately 105 dBm/Hz at 2440 MHz. Site : 030906-KS Condition : FCC PART 15C 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : (FR) 102106-01 MPE : 14 #12 E1F-BASE1 Plane : X Full-directivity : Full-directivity Over Limit : ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dB dB dB cm deg 1 2344.21 53.99 -20.01 74.00 48.99 30.83 7.10 32.92 105 129 Peak HORIZONT	The plot shows the peak level of the signal in dBm/Hz versus frequency in MHz. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 11.7 to 117 dBm/Hz. A red line indicates the FCC Part 15C limit. The signal level is approximately 105 dBm/Hz at 2440 MHz. Site : 030906-KS Condition : FCC PART 15C 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : (FR) 102106-01 MPE : 14 #12 E1F-BASE1 Plane : X Full-directivity : Full-directivity Over Limit : ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dB dB dB cm deg 1 2440.00 94.22 20.22 74.00 88.69 31.07 7.23 32.77 105 129 Peak HORIZONT
Avg.	The plot shows the average level of the signal in dBm/Hz versus frequency in MHz. The x-axis ranges from 2310 to 2440 MHz, and the y-axis ranges from 11.7 to 117 dBm/Hz. A red line indicates the FCC Part 15C (AVG) limit. The signal level is approximately 105 dBm/Hz at 2440 MHz. Site : 030906-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : (FR) 102106-01 MPE : 14 #12 E1F-BASE1 Plane : X Full-directivity : Full-directivity Over Limit : ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dB dB dB cm deg 1 2387.35 43.38 -10.62 54.00 38.16 30.94 7.16 32.88 105 129 Average HORIZONT	The plot shows the average level of the signal in dBm/Hz versus frequency in MHz. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 11.7 to 117 dBm/Hz. A red line indicates the FCC Part 15C (AVG) limit. The signal level is approximately 105 dBm/Hz at 2440 MHz. Site : 030906-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTA Project : RRM-1000.000MHz VSW-3000.000MHz SRT-Auto Model : (FR) 102106-01 MPE : 14 #12 E1F-BASE1 Plane : X Full-directivity : Full-directivity Over Limit : ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark Pol/Phas MHz dBuV/m dB dBuV/m dB dB dB cm deg 1 2440.00 93.47 39.47 54.00 87.94 31.07 7.23 32.77 105 129 Average HORIZONT



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
2	Horizontal	Fundamental
Peak	 Data: 5 Site : 030904-K3 Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL RBW 1000.000000 VBR 3000.000000 SRT Auto Project : (FR) 102106-01 Rete : 14 MEI : #12 E1F-BASE1 Plane : 8 Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB dB cm deg 1 2497.42 54.65 -19.35 74.00 48.75 31.17 7.30 32.57 105 129 Peak HORIZONTAL	Left blank
Avg.	 Data: 6 Site : 030904-K3 Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL RBW 1000.000000 VBR 0.510000 SRT Auto Project : (FR) 102106-01 Rete : 14 MEI : #12 E1F-BASE1 Plane : 8 Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Remark Pol/Phas MHz dBuV/m dB dBuV/m dBuV dB dB cm deg 1 2492.68 43.91 -10.09 54.00 38.01 31.17 7.30 32.57 105 129 Average HORIZONTAL	Left blank

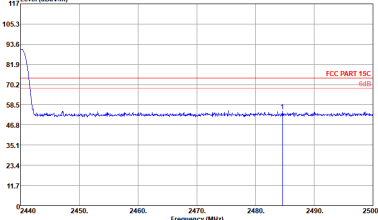
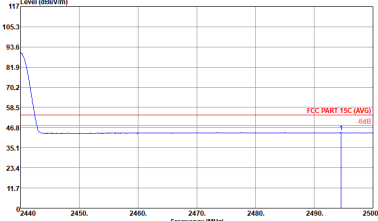


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - L	
2	Vertical	Fundamental
Peak	 No. 1098, Pengxi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Date: 7 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2320 2340 2360 2380 2400 2420 2440 Frequency (MHz) Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : RSM 1000, 0000Hz VSW: 3000, 0000Hz SMT: Auto Project : (FR) 102106-01 Mode : 14 MEI : #12 EIF-BASE1 Plane : X Full-directivity : Full-directivity ReadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : Freq Level Limit Line Level Factor Loss Factor dB dB cm deg 1 2367.59 53.91 -20.09 74.00 48.81 30.88 7.10 32.88 381 35 Peak VERTICAL	 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 Date: 9 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 1000 1300 1600 1900 2200 2500 2800 3000 Frequency (MHz) Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : RSM 1000, 0000Hz VSW: 3000, 0000Hz SMT: Auto Project : (FR) 102106-01 Mode : 14 MEI : #12 EIF-BASE1 Plane : X Full-directivity : Full-directivity ReadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : Freq Level Limit Line Level Factor Loss Factor dB dB cm deg 1 * 2440.00 90.93 16.93 74.00 85.40 31.07 7.23 32.77 381 35 Peak VERTICAL
Avg.	 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 Date: 8 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 2310 2320 2340 2360 2380 2400 2420 2440 Frequency (MHz) Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : RSM 1000, 0000Hz VSW: 3.5100Hz SMT: Auto Project : (FR) 102106-01 Mode : 14 MEI : #12 EIF-BASE1 Plane : X Full-directivity : Full-directivity ReadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : Freq Level Limit Line Level Factor Loss Factor dB dB cm deg 1 2387.74 43.34 -10.66 54.00 38.12 30.94 7.16 32.88 381 35 Average VERTICAL	 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 Date: 10 Level (dBuV/m) 117 105.3 93.6 81.9 70.2 58.5 46.8 35.1 23.4 11.7 1000 1300 1600 1900 2200 2500 2800 3000 Frequency (MHz) Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : RSM 1000, 0000Hz VSW: 3.5100Hz SMT: Auto Project : (FR) 102106-01 Mode : 14 MEI : #12 EIF-BASE1 Plane : X Full-directivity : Full-directivity ReadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : Freq Level Limit Line Level Factor Loss Factor dB dB cm deg 1 * 2440.00 90.14 36.14 54.00 84.61 31.07 7.23 32.77 381 35 Average VERTICAL

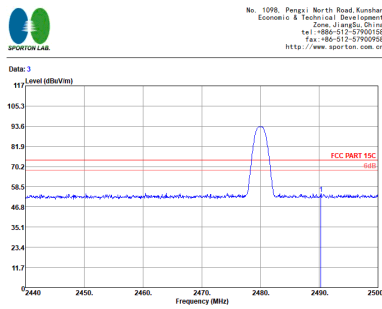
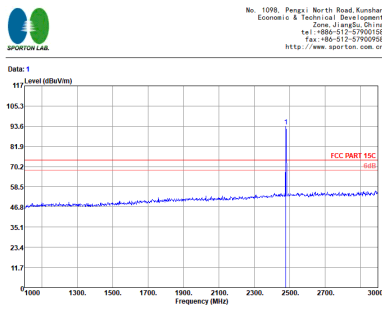
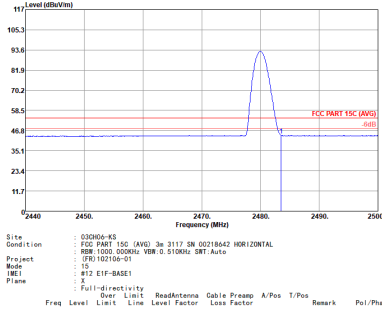
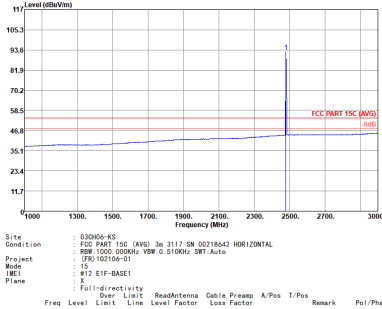


FCC RF Test Report

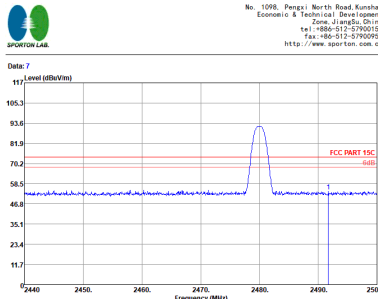
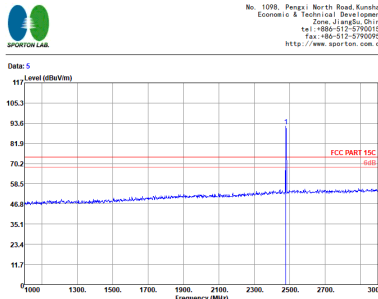
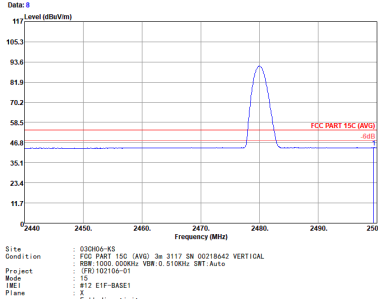
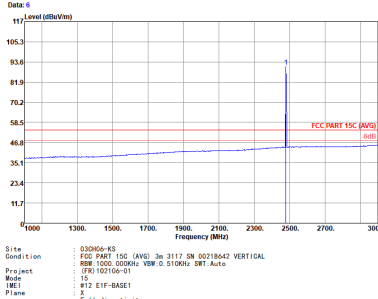
Report No. : FR102106-01B

BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																	
ANT		BLE CH19 2440MHz - R																																	
2		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 Data: 11  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL RBM 1000, 0000Hz VBR 3000, 0000Hz SRT Auto Project : FR102106-01 Ride : 14 IMEI : #12 E1F-BASE1 Plane : Full-directivity <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2484.64</td><td>54.68</td><td>-19.32</td><td>74.00</td><td>48.92</td><td>31.13</td><td>7.27</td><td>32.64</td><td>381</td><td>35</td><td>Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	Line	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	cm	deg			1	2484.64	54.68	-19.32	74.00	48.92	31.13	7.27	32.64	381	35	Peak	VERTICAL	Left blank
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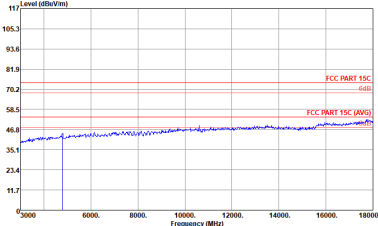
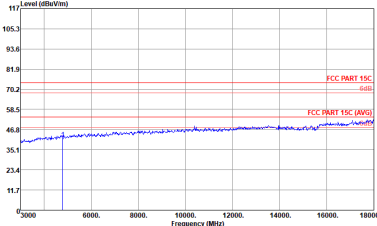


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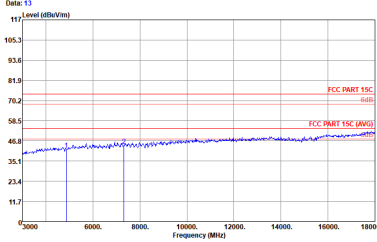
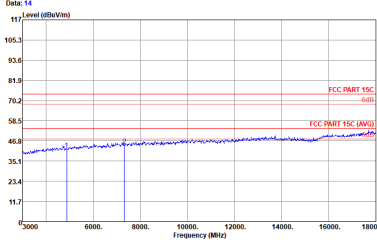


2.4GHz 2400~2483.5MHz

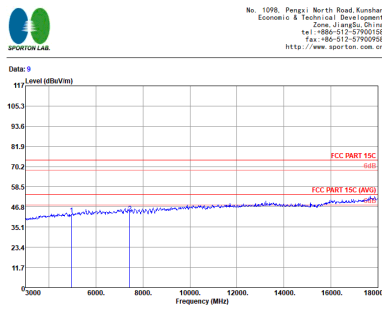
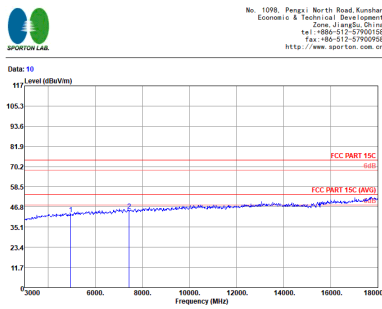
BLE (ANT 2) -1Mbps (Harmonic @ 3m)

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ANT	BLE CH00 2402MHz																																																											
2	Horizontal						Vertical																																																					
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 Date: 15  Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL Project : RSR 1000 000KHz VSW:3000 000KHz SRT Auto Mode : (FR) 102106-01 Ref : 13 Ref : #12 E1F-BASE1 Plane : Z Full-directivity : Over Limit : BeadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : <table><tr><th>1</th><th>4800.00</th><th>40.90</th><th>-33.10</th><th>74.00</th><th>56.19</th><th>34.51</th><th>10.24</th><th>60.04</th><th>300</th><th>0 Peak</th><th>HORIZONTAL</th></tr><tr><th>WZ</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th></tr></table>						1	4800.00	40.90	-33.10	74.00	56.19	34.51	10.24	60.04	300	0 Peak	HORIZONTAL	WZ	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg		 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: 16  Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : RSR 1000 000KHz VSW:3000 000KHz SRT Auto Mode : (FR) 102106-01 Ref : 13 Ref : #12 E1F-BASE1 Plane : Z Full-directivity : Over Limit : BeadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phas : <table><tr><th>1</th><th>4800.00</th><th>41.38</th><th>-32.62</th><th>74.00</th><th>56.67</th><th>34.51</th><th>10.24</th><th>60.04</th><th>100</th><th>0 Peak</th><th>VERTICAL</th></tr><tr><th>WZ</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th></tr></table>						1	4800.00	41.38	-32.62	74.00	56.67	34.51	10.24	60.04	100	0 Peak	VERTICAL	WZ	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg	
	1	4800.00	40.90	-33.10	74.00	56.19	34.51	10.24	60.04	300	0 Peak	HORIZONTAL																																																
WZ	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg																																																		
1	4800.00	41.38	-32.62	74.00	56.67	34.51	10.24	60.04	100	0 Peak	VERTICAL																																																	
WZ	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg																																																		



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHZ	
2	Horizontal	Vertical
Peak Avg.	 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 Date: 13  Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 HORIZONTAL Project : R88 1000 000KHz VBW:3000 000KHz SMT:Auto Mode : 14 MEI : #12 E1F-BASE1 Plane : X Full-directivity Over Limit Resultant Loss Factor Cable Premo A/Pos T/Pos cm deg 1 4870.00 41.63 -32.37 74.00 56.68 34.66 10.32 60.03 300 0 Peak HORIZONTAL 2 7320.00 44.03 -29.97 74.00 55.22 36.56 12.77 60.52 300 0 Peak HORIZONTAL	 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 Date: 14  Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 VERTICAL Project : R88 1000 000KHz VBW:3000 000KHz SMT:Auto Mode : 14 MEI : #12 E1F-BASE1 Plane : X Full-directivity Over Limit Resultant Loss Factor Cable Premo A/Pos T/Pos cm deg 1 4870.00 41.84 -32.16 74.00 56.89 34.66 10.32 60.03 100 0 Peak VERTICAL 2 7320.00 44.04 -29.96 74.00 55.23 36.56 12.77 60.52 100 0 Peak VERTICAL



BLE	2.4GHz 20483.5MHz Harmonic @ 3m																																																																																									
ANT	BLE CH39 2480MHz																																																																																									
2	Horizontal	Vertical																																																																																								
Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900258 http://www.sporton.com.cn SPORTON LAB. Date: 9 Level (dBuV/m) Frequency (MHz) FCC PART 15C (dB) FCC PART 15C (dB) Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218462 HORIZONTAL Project : RBW 1000, 000KHz VBW 3000, 000KHz SFT Auto Model : FTS102106-01 Date : 15 Mode : #12 E1F-BASE1 Plane : X <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4960.00</td><td>42.33</td><td>-31.67</td><td>74.00</td><td>57.10</td><td>34.81</td><td>10.43</td><td>60.01</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>43.18</td><td>-30.82</td><td>74.00</td><td>54.25</td><td>36.39</td><td>12.88</td><td>60.54</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg	1	4960.00	42.33	-31.67	74.00	57.10	34.81	10.43	60.01	300	0 Peak	HORIZONTAL	2	7440.00	43.18	-30.82	74.00	54.25	36.39	12.88	60.54	300	0 Peak	HORIZONTAL	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China Tel: +86-512-57900158 Fax: +86-512-57900258 http://www.sporton.com.cn SPORTON LAB. Date: 10 Level (dBuV/m) Frequency (MHz) FCC PART 15C (dB) FCC PART 15C (dB) Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218462 VERTICAL Project : RBW 1000, 000KHz VBW 3000, 000KHz SFT Auto Model : FTS102106-01 Date : 15 Mode : #12 E1F-BASE1 Plane : X <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4960.00</td><td>42.70</td><td>-31.30</td><td>74.00</td><td>57.47</td><td>34.81</td><td>10.43</td><td>60.01</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>44.58</td><td>-29.42</td><td>74.00</td><td>55.65</td><td>36.39</td><td>12.88</td><td>60.54</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg	1	4960.00	42.70	-31.30	74.00	57.47	34.81	10.43	60.01	100	0 Peak	VERTICAL	2	7440.00	44.58	-29.42	74.00	55.65	36.39	12.88	60.54	100	0 Peak	VERTICAL
	Freq	Level	Limit	ReadAntenna	Cable Preamp	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
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1	4960.00	42.70	-31.30	74.00	57.47	34.81	10.43	60.01	100	0 Peak	VERTICAL																																																																															
2	7440.00	44.58	-29.42	74.00	55.65	36.39	12.88	60.54	100	0 Peak	VERTICAL																																																																															

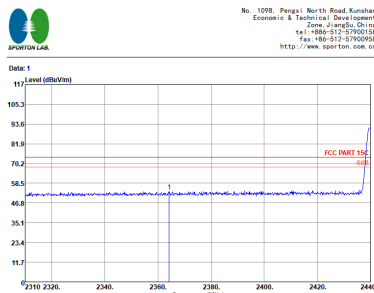
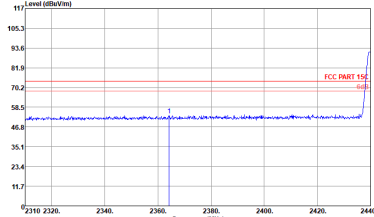
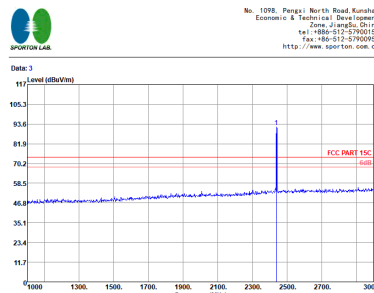
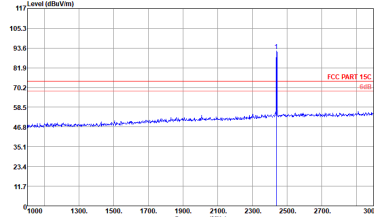
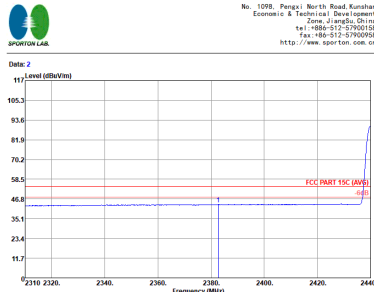
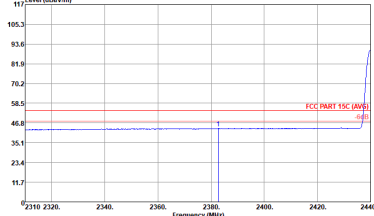
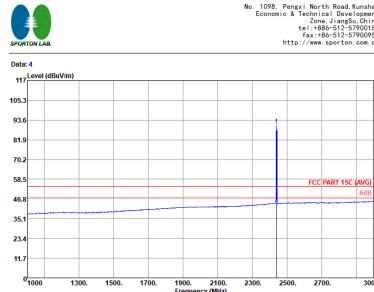
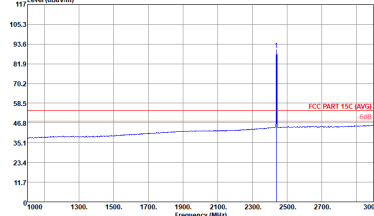
Note: Pre-scanned for 18GHz to 26GHz, there are no signals, thus only test data below 18GHz are shown in the report.

2.4GHz 2400~2483.5MHz

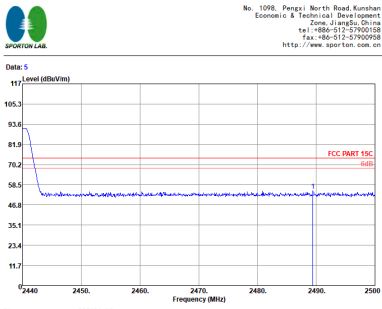
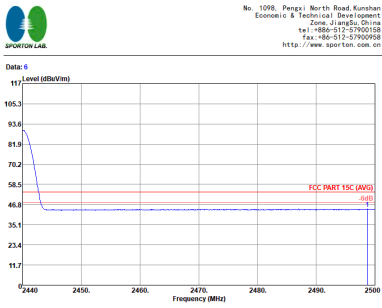
BLE (ANT 1) -2Mbps (Band Edge @ 3m)

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BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																					
ANT	BLE CH19 2440MHz - L																																																																					
1	Horizontal	Fundamental																																																																				
Peak	 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 Date: 1  Site : 030906-KS Condition : FCC PART 15C 3e 3117 SN 00218642 HORIZONTAL Project : RRM-1000.000MHz VSW:3000.000GHz SRT:Auto Model : (FR) 102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2364.21</td><td>53.83</td><td>-20.17</td><td>74.00</td><td>48.82</td><td>30.83</td><td>7.10</td><td>32.92</td><td>232</td><td>305 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB/m	dB	dB	cm	deg			1	2364.21	53.83	-20.17	74.00	48.82	30.83	7.10	32.92	232	305 Peak	HORIZONTAL	 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 Date: 3  Site : 030906-KS Condition : FCC PART 15C 3e 3117 SN 00218642 HORIZONTAL Project : RRM-1000.000MHz VSW:3000.000GHz SRT:Auto Model : (FR) 102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>91.76</td><td>17.76</td><td>74.00</td><td>86.23</td><td>31.07</td><td>7.23</td><td>32.77</td><td>232</td><td>305 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB/m	dB	dB	cm	deg			1	2440.00	91.76	17.76	74.00	86.23	31.07	7.23	32.77	232	305 Peak	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																											
MHz	dBμV/m	dB	dBμV/m	dB/m	dB	dB	cm	deg																																																														
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MHz	dBμV/m	dB	dBμV/m	dB/m	dB	dB	cm	deg																																																														
1	2440.00	91.76	17.76	74.00	86.23	31.07	7.23	32.77	232	305 Peak	HORIZONTAL																																																											
Avg.	 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 Date: 2  Site : 030906-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTAL Project : RRM-1000.000MHz VSW:1.000GHz SRT:Auto Model : (FR) 102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2382.67</td><td>43.79</td><td>-10.21</td><td>54.00</td><td>38.66</td><td>30.88</td><td>7.13</td><td>32.88</td><td>232</td><td>305 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB/m	dB	dB	cm	deg			1	2382.67	43.79	-10.21	54.00	38.66	30.88	7.13	32.88	232	305 Average	HORIZONTAL	 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 Date: 4  Site : 030906-KS Condition : FCC PART 15C (AVG) 3e 3117 SN 00218642 HORIZONTAL Project : RRM-1000.000MHz VSW:1.000GHz SRT:Auto Model : (FR) 102106-01 Mode : S ME1 : #12 EIF-BASE1 Plane : X Full-directivity : X <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>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2440.00</td><td>90.13</td><td>36.13</td><td>54.00</td><td>84.60</td><td>31.07</td><td>7.23</td><td>32.77</td><td>232</td><td>305 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB/m	dB	dB	cm	deg			1	2440.00	90.13	36.13	54.00	84.60	31.07	7.23	32.77	232	305 Average	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																											
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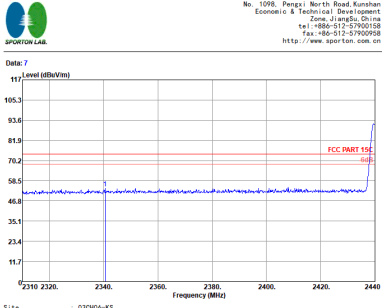
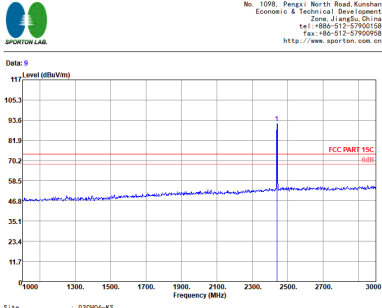
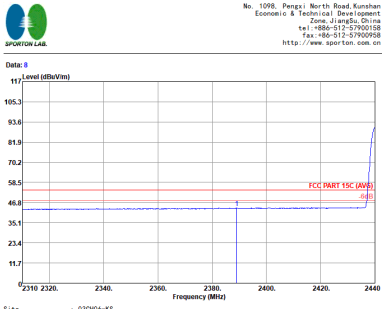
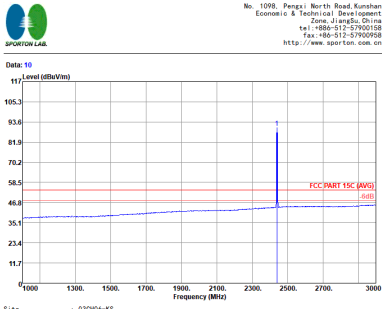


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTA Project : RSM 1000, 0000Hz VBR 3000, 0000Hz SRT Auto Mod : (FR) 102106-01 MFI : #12 E1F-BASE1 Plane : E Full-directivity Freq Level Limit Line Level Factor Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBm/m dB dBm/m dB dBm dB cm deg 1 2489.44 55.08 -18.92 74.00 49.25 31.17 7.30 32.64 232 305 Peak HORIZONT	Left blank
Avg.	 Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTA Project : RSM 1000, 0000Hz VBR 1, 0000Hz SRT Auto Mod : (FR) 102106-01 MFI : #12 E1F-BASE1 Plane : E Full-directivity Freq Level Limit Line Level Factor Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBm/m dB dBm/m dB dBm dB cm deg 1 2489.74 44.22 -9.78 54.00 38.32 31.17 7.30 32.57 232 305 Average HORIZONT	Left blank

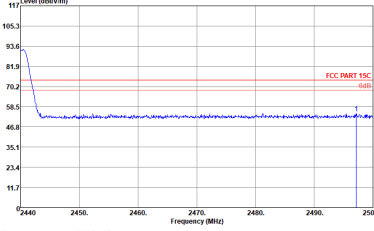
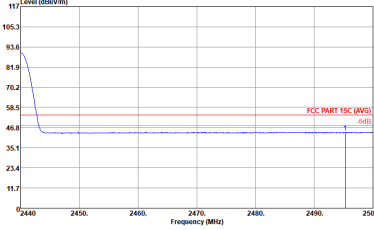


FCC RF Test Report

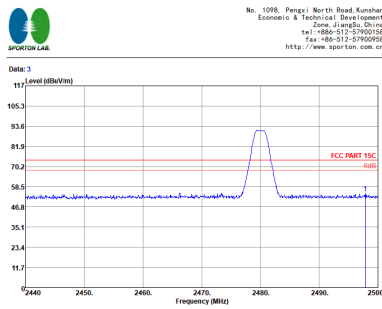
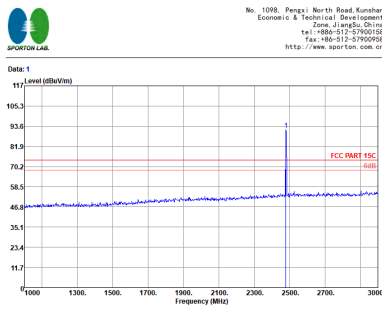
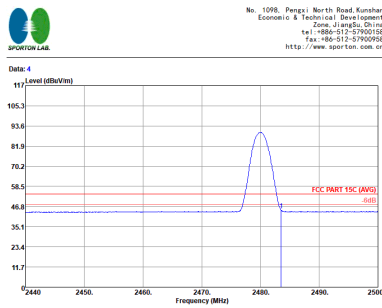
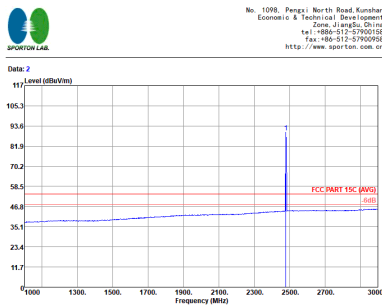
Report No. : FR102106-01B

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH19 2440MHz - 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 : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : RSM 1000 0000Hz VSW:3000.0000Hz SMT Auto RFR 102106-01 Mode : #12 E1F-BASE1 Plane : Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Level Line Level Factor Loss Factor cm deg 1 2340.55 53.98 -20.02 74.00 49.06 30.77 7.07 32.92 366 251 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 : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : RSM 1000 0000Hz VSW:3000.0000Hz SMT Auto RFR 102106-01 Mode : #12 E1F-BASE1 Plane : Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Level Line Level Factor Loss Factor cm deg 1 2440.00 91.89 17.89 74.00 86.36 31.07 7.23 32.77 366 251 Peak VERTICAL
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 : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : RSM 1000 0000Hz VSW:1.0000Hz SMT Auto RFR 102106-01 Mode : #12 E1F-BASE1 Plane : Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Level Line Level Factor Loss Factor cm deg 1 2389.04 43.57 -10.43 54.00 38.35 30.94 7.16 32.88 366 251 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 : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : RSM 1000 0000Hz VSW:1.0000Hz SMT Auto RFR 102106-01 Mode : #12 E1F-BASE1 Plane : Z Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Level Line Level Factor Loss Factor cm deg 1 2440.00 90.26 36.26 54.00 84.73 31.07 7.23 32.77 366 251 Average VERTICAL

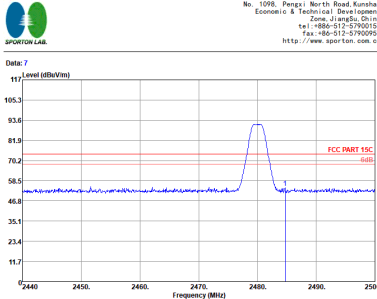
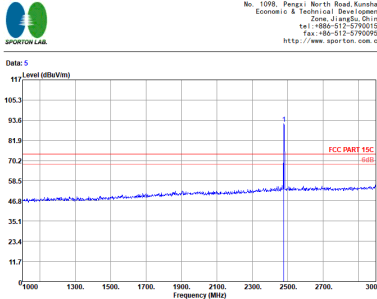
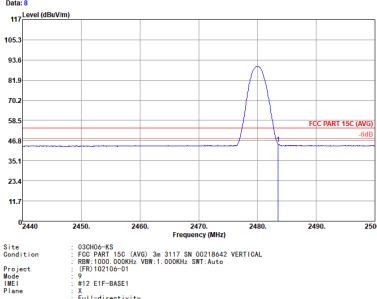
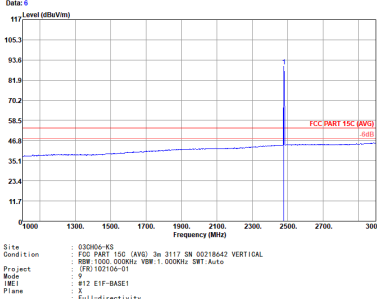


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ANT		BLE CH19 2440MHz - R																																					
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Peak	 No. 1098, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Data: 11  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL RSM 1000.000000 VSW 1.000000 SRT Auto Project : (FR) 102106-01 Model : #12 E1F-BASE1 Plane : E <table><tr><th>Full-directivity</th><th>Over 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 Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2497.18</td><td>54.63</td><td>-19.37</td><td>74.00</td><td>48.73</td><td>31.17</td><td>7.30</td><td>32.57</td><td>366</td><td>251</td><td>Peak</td><td>VERTICAL</td></tr></table>	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level Factor	Loss Factor			MHz	dBm/100m	dB	dBm/100m	dB	dB	cm	deg	1	2497.18	54.63	-19.37	74.00	48.73	31.17	7.30	32.57	366	251	Peak	VERTICAL	Left blank
	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
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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 Data: 12  Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL RSM 1000.000000 VSW 1.000000 SRT Auto Project : (FR) 102106-01 Model : #12 E1F-BASE1 Plane : E <table><tr><th>Full-directivity</th><th>Over 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 Factor</th><th>Loss Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100m</th><th>dB</th><th>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2495.32</td><td>44.16</td><td>-9.84</td><td>54.00</td><td>38.26</td><td>31.17</td><td>7.30</td><td>32.57</td><td>366</td><td>251</td><td>Average</td><td>VERTICAL</td></tr></table>	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Line	Level Factor	Loss Factor			MHz	dBm/100m	dB	dBm/100m	dB	dB	cm	deg	1	2495.32	44.16	-9.84	54.00	38.26	31.17	7.30	32.57	366	251	Average	VERTICAL	Left blank
	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
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BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																																																																	
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1	Horizontal	Fundamental																																																																																
Peak	 Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL Project : RRM 1000 0000Hz VSW:3000.0000Hz SRT:Auto Mod : (FR) 102106-01 MEI : #12 EIF-BASE1 Plane : Z <table><tr><th>Full-directivity</th><th>Over 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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 2487.90</td><td>54.70</td><td>-19.30</td><td>74.00</td><td>48.80</td><td>31.17</td><td>7.30</td><td>32.57</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>170</td><td>296 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>HORIZONTAL</td></tr></table>	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 2487.90	54.70	-19.30	74.00	48.80	31.17	7.30	32.57							170	296 Peak								HORIZONTAL	 Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL Project : RRM 1000 0000Hz VSW:3000.0000Hz SRT:Auto Mod : (FR) 102106-01 MEI : #12 EIF-BASE1 Plane : Z <table><tr><th>Full-directivity</th><th>Over 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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 2480.00</td><td>91.51</td><td>17.51</td><td>74.00</td><td>85.75</td><td>31.13</td><td>7.27</td><td>32.64</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>170</td><td>296 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>HORIZONTAL</td></tr></table>	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 2480.00	91.51	17.51	74.00	85.75	31.13	7.27	32.64							170	296 Peak								HORIZONTAL
	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
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Avg.	 Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL Project : RRM 1000 0000Hz VSW:1.0000Hz SRT:Auto Mod : (FR) 102106-01 MEI : #12 EIF-BASE1 Plane : Z <table><tr><th>Full-directivity</th><th>Over 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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 2483.50</td><td>44.79</td><td>-9.21</td><td>54.00</td><td>39.03</td><td>31.13</td><td>7.27</td><td>32.64</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>170</td><td>296 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>HORIZONTAL</td></tr></table>	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 2483.50	44.79	-9.21	54.00	39.03	31.13	7.27	32.64							170	296 Average								HORIZONTAL	 Site : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL Project : RRM 1000 0000Hz VSW:1.0000Hz SRT:Auto Mod : (FR) 102106-01 MEI : #12 EIF-BASE1 Plane : Z <table><tr><th>Full-directivity</th><th>Over 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>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 2480.00</td><td>89.80</td><td>35.80</td><td>54.00</td><td>84.04</td><td>31.13</td><td>7.27</td><td>32.64</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>170</td><td>296 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>HORIZONTAL</td></tr></table>	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 2480.00	89.80	35.80	54.00	84.04	31.13	7.27	32.64							170	296 Average								HORIZONTAL
	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
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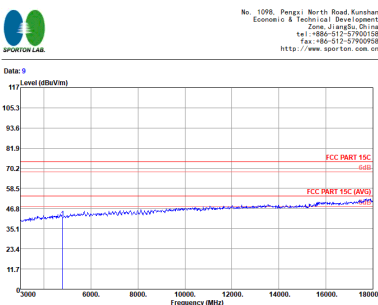
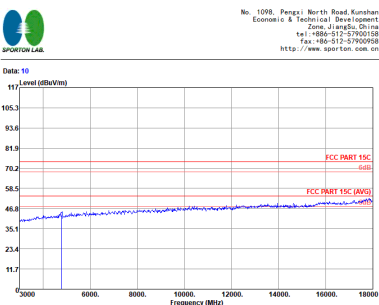


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHZ	
1	Vertical	Fundamental
Peak	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : R8B 1000 0000Hz VSW:3000.0000Hz SRT:Auto R8B 102106-01 Mode : #12 EIF-BASE1 Plane : Z Full-directivity Over Limit Freq Level Line Level Factor Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBm/m dB dBm/m dB dBm dB cm deg 1 2484.70 54.28 -19.72 74.00 48.52 31.13 7.27 32.64 313 248 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 : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : R8B 1000 0000Hz VSW:3000.0000Hz SRT:Auto R8B 102106-01 Mode : #12 EIF-BASE1 Plane : Z Full-directivity Over Limit Freq Level Line Level Factor Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBm/m dB dBm/m dB dBm dB cm deg 1 2480.00 91.64 17.64 74.00 85.88 31.13 7.27 32.64 313 248 Peak VERTICAL
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 : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : R8B 1000 0000Hz VSW:1.0000Hz SRT:Auto R8B 102106-01 Mode : #12 EIF-BASE1 Plane : Z Full-directivity Over Limit Freq Level Line Level Factor Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBm/m dB dBm/m dB dBm dB cm deg 1 2483.50 44.89 -9.11 54.00 39.13 31.13 7.27 32.64 313 248 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 : 030906-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : R8B 1000 0000Hz VSW:1.0000Hz SRT:Auto R8B 102106-01 Mode : #12 EIF-BASE1 Plane : Z Full-directivity Over Limit Freq Level Line Level Factor Loss Factor A/Pos T/Pos Remark Pol/Phas MHz dBm/m dB dBm/m dB dBm dB cm deg 1 2480.00 89.93 35.93 54.00 84.17 31.13 7.27 32.64 313 248 Average VERTICAL

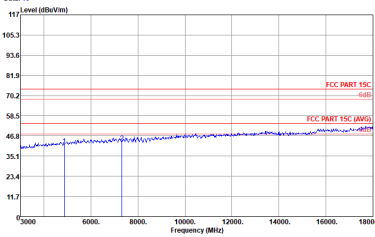
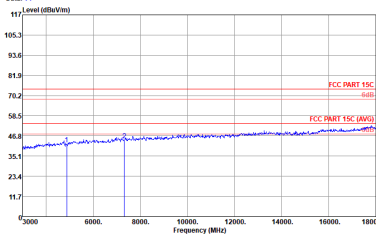


2.4GHz 2400~2483.5MHz

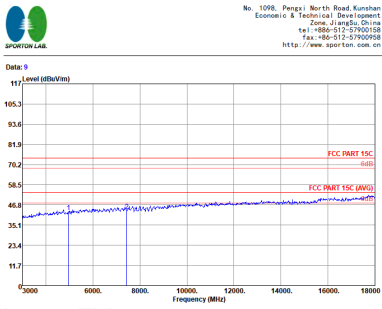
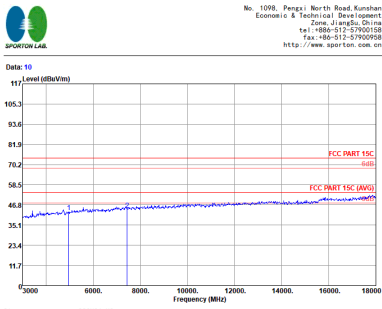
BLE (ANT 1) -2Mbps(Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																									
ANT	BLE CH00 2402MHZ																									
1	Horizontal	Vertical																								
Peak Avg.	 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: 9 Level (dBuV/m) Frequency (MHz) FCC PART 15C (dB) FCC PART 15C (dB) Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00318642 HORIZONTAL Project : RRM 1000 000000 YSR 3000 000000 SRT Auto Mode : (FR)102106-01 Plane : #12 E1F-BASE1 Full-directivity : X Over Limit : Level : Line : Level Factor : Loss Factor : A/Pos : T/Pos : Remark : Pol/Phas : <table><tr><th>1</th><th>4800.00</th><th>41.23</th><th>-32.77</th><th>74.00</th><th>56.52</th><th>34.51</th><th>10.24</th><th>60.04</th><th>300</th><th>0 Peak</th><th>HORIZONTAL</th></tr></table>	1	4800.00	41.23	-32.77	74.00	56.52	34.51	10.24	60.04	300	0 Peak	HORIZONTAL	 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: 10 Level (dBuV/m) Frequency (MHz) FCC PART 15C (dB) FCC PART 15C (dB) Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00318642 VERTICAL Project : RRM 1000 000000 YSR 3000 000000 SRT Auto Mode : (FR)102106-01 Plane : #12 E1F-BASE1 Full-directivity : X Over Limit : Level : Line : Level Factor : Loss Factor : A/Pos : T/Pos : Remark : Pol/Phas : <table><tr><th>1</th><th>4800.00</th><th>41.04</th><th>-32.96</th><th>74.00</th><th>56.33</th><th>34.51</th><th>10.24</th><th>60.04</th><th>100</th><th>0 Peak</th><th>VERTICAL</th></tr></table>	1	4800.00	41.04	-32.96	74.00	56.33	34.51	10.24	60.04	100	0 Peak	VERTICAL
	1	4800.00	41.23	-32.77	74.00	56.52	34.51	10.24	60.04	300	0 Peak	HORIZONTAL														
1	4800.00	41.04	-32.96	74.00	56.33	34.51	10.24	60.04	100	0 Peak	VERTICAL															



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHZ	
1	Horizontal	Vertical
Peak Avg.	 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 Date: 13  Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL RBM 1000 000KHz VSW: 3000 000KHz SRT: Auto Project : FR102106-01 Ride : S IMEI : 812 E1F-BASE1 Plane : X Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Loss Factor Loss Factor cm deg 1 4870.00 41.49 -32.51 74.00 54.54 34.66 10.32 60.03 300 0 Peak HORIZONTAL 2 7320.00 43.17 -30.83 74.00 54.56 36.56 12.77 60.52 300 0 Peak HORIZONTAL	 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 Date: 14  Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL RBM 1000 000KHz VSW: 3000 000KHz SRT: Auto Project : FR102106-01 Ride : S IMEI : 812 E1F-BASE1 Plane : X Full-directivity Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Loss Factor Loss Factor cm deg 1 4870.00 41.97 -32.03 74.00 57.02 34.66 10.32 60.03 100 0 Peak VERTICAL 2 7320.00 44.42 -29.58 74.00 55.61 36.56 12.77 60.52 100 0 Peak VERTICAL



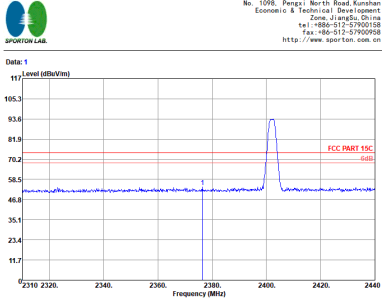
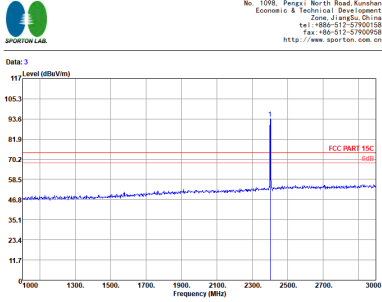
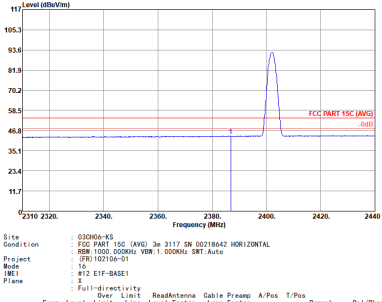
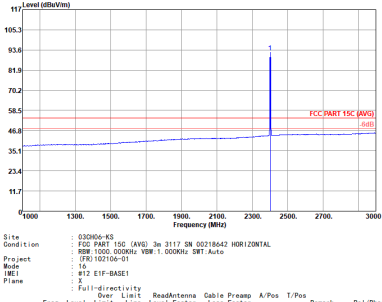
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHZ	
1	Horizontal	Vertical
Peak	 Site : 030804-K5 Condition : FCC PART 15C 3m 3117 SN 00218462 HORIZONTAL Project : R88-1000-0000KHz VSW:3000-0000KHz SRT:Auto Ride : FR102106-01 IMEI : 812 E1F-BASE1 Plane : X Full-directivity : X Over : X Limit : X ReadAntenna : X Cable Preamp : X Loss Factor : X A/Pos : X T/Pos : X Remark : 0 Peak Pol/Phas : HORIZONTAL	 Site : 030804-K5 Condition : FCC PART 15C 3m 3117 SN 00218462 VERTICAL Project : R88-1000-0000KHz VSW:3000-0000KHz SRT:Auto Ride : FR102106-01 IMEI : 812 E1F-BASE1 Plane : X Full-directivity : X Over : X Limit : X ReadAntenna : X Cable Preamp : X Loss Factor : X A/Pos : X T/Pos : X Remark : 0 Peak Pol/Phas : VERTICAL

Note: Pre-scanned for 18GHz to 26GHz, there are no signals, thus only test data below 18GHz are shown in the report.

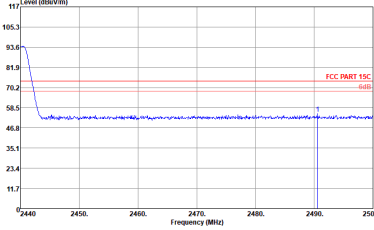
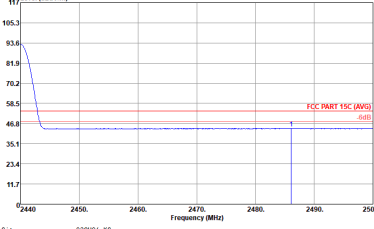


2.4GHz 2400~2483.5MHz

BLE (ANT 2) -2Mbps (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
2	Horizontal	Fundamental
Peak	 Site : 030906-K3 Condition : FCC PART 15C 3m 3117 SW 00218642 HORIZONTAL Project : RSM 1000.000MHz VSW:3000.000MHz SRT:Auto Mode : (FR)102106-01 MEI : #12 E1F-BASE1 Plane : X Full-directivity : 2 Over Limit : 128 Peak ReadAntenna : 105 Cable Preamp : 105 Loss Factor : 105 A/Pos : 105 T/Pos : 105 Remark : HORIZONTAL Pol/Phas : HORIZONTAL	 Site : 030906-K3 Condition : FCC PART 15C 3m 3117 SW 00218642 HORIZONTAL Project : RSM 1000.000MHz VSW:3000.000MHz SRT:Auto Mode : (FR)102106-01 MEI : #12 E1F-BASE1 Plane : X Full-directivity : 2 Over Limit : 128 Peak ReadAntenna : 105 Cable Preamp : 105 Loss Factor : 105 A/Pos : 105 T/Pos : 105 Remark : HORIZONTAL Pol/Phas : HORIZONTAL
Avg.	 Site : 030906-K3 Condition : FCC PART 15C (AVG) 3m 3117 SW 00218642 HORIZONTAL Project : RSM 1000.000MHz VSW:3000.000MHz SRT:Auto Mode : (FR)102106-01 MEI : #12 E1F-BASE1 Plane : X Full-directivity : 2 Over Limit : 128 Average ReadAntenna : 105 Cable Preamp : 105 Loss Factor : 105 A/Pos : 105 T/Pos : 105 Remark : HORIZONTAL Pol/Phas : HORIZONTAL	 Site : 030906-K3 Condition : FCC PART 15C (AVG) 3m 3117 SW 00218642 HORIZONTAL Project : RSM 1000.000MHz VSW:3000.000MHz SRT:Auto Mode : (FR)102106-01 MEI : #12 E1F-BASE1 Plane : X Full-directivity : 2 Over Limit : 128 Average ReadAntenna : 105 Cable Preamp : 105 Loss Factor : 105 A/Pos : 105 T/Pos : 105 Remark : HORIZONTAL Pol/Phas : HORIZONTAL

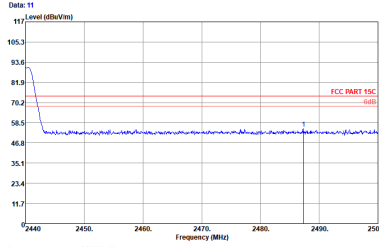
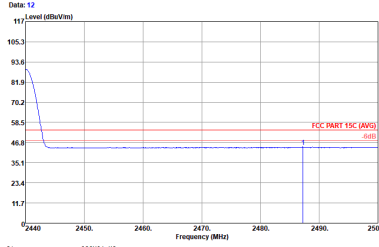


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m																																
ANT	BLE CH19 2440MHz - R																																
2	Horizontal	Fundamental																															
Peak	 No. 1098, Pengzi North Road Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900958 http://www.sporton.com.cn Data: 5  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 HORIZONTAL Power : 1000.000000 WBR:3000.000000 SRT:Auto Project : FR102106-01 Mode : 17 MEI : 812 E1F-BASE1 Plane : 4 Full-directivity <table><tr><th>Freq</th><th>Level</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/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2440.58</td><td>54.94</td><td>-19.06</td><td>74.00</td><td>49.11</td><td>31.17</td><td>7.30</td><td>32.64</td><td>149</td><td>119</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dBm/100m	dBm/100m	dB	cm	deg		1	2440.58	54.94	-19.06	74.00	49.11	31.17	7.30	32.64	149	119	Peak	HORIZONTAL	Left blank
	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
MHz	dBm/100m	dBm/100m	dBm/100m	dBm/100m	dB	cm	deg																										
1	2440.58	54.94	-19.06	74.00	49.11	31.17	7.30	32.64	149	119	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 Data: 6  Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 HORIZONTAL Power : 1000.000000 WBR:3000.000000 SRT:Auto Project : FR102106-01 Mode : 17 MEI : 812 E1F-BASE1 Plane : 4 Full-directivity <table><tr><th>Freq</th><th>Level</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/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dBm/100m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2440.58</td><td>44.14</td><td>-9.86</td><td>54.00</td><td>38.34</td><td>31.17</td><td>7.27</td><td>32.64</td><td>149</td><td>119</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dBm/100m	dBm/100m	dB	cm	deg		1	2440.58	44.14	-9.86	54.00	38.34	31.17	7.27	32.64	149	119	Average	HORIZONTAL	Left blank
	Freq	Level	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																								
MHz	dBm/100m	dBm/100m	dBm/100m	dBm/100m	dB	cm	deg																										
1	2440.58	44.14	-9.86	54.00	38.34	31.17	7.27	32.64	149	119	Average	HORIZONTAL																					



FCC RF Test Report

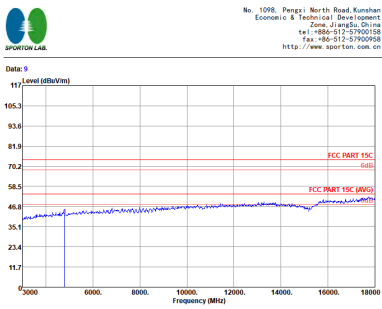
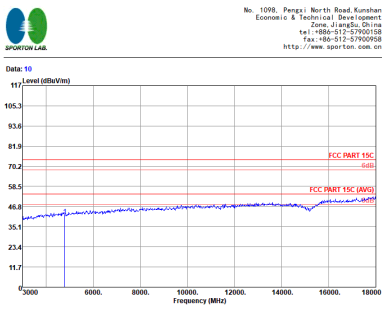
Report No. : FR102106-01B

BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m																																						
ANT		BLE CH19 2440MHz - R																																						
2		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 Data: 11  Site : 030904-KS Condition : FCC PART 15C 3m 3117 SN 00218642 VERTICAL Project : RSM 1000, 000000, VSR:3000, 000000, SRT:Auto Model : (FR)102106-01 MEI : 17 Plane : 112 E-IF-BASE1 <table><tr><th>Full-directivity</th><th>Over 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>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2487.34</td><td>55.04</td><td>-18.96</td><td>74.00</td><td>49.24</td><td>31.17</td><td>7.27</td><td>32.64</td><td>378</td><td>27</td><td>Peak</td><td>VERTICAL</td></tr></table>		Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	cm	deg	1	2487.34	55.04	-18.96	74.00	49.24	31.17	7.27	32.64	378	27	Peak	VERTICAL	Left blank
	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Limit	Level Factor	Loss Factor																																				
MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	cm	deg																																	
1	2487.34	55.04	-18.96	74.00	49.24	31.17	7.27	32.64	378	27	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: 12  Site : 030904-KS Condition : FCC PART 15C (AVG) 3m 3117 SN 00218642 VERTICAL Project : RSM 1000, 000000, VSR:1, 000000, SRT:Auto Model : (FR)102106-01 MEI : 17 Plane : 112 E-IF-BASE1 <table><tr><th>Full-directivity</th><th>Over 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>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2487.22</td><td>44.23</td><td>-9.77</td><td>54.00</td><td>38.43</td><td>31.17</td><td>7.27</td><td>32.64</td><td>378</td><td>27</td><td>Average</td><td>VERTICAL</td></tr></table>		Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	cm	deg	1	2487.22	44.23	-9.77	54.00	38.43	31.17	7.27	32.64	378	27	Average	VERTICAL	Left blank
	Full-directivity	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Limit	Level Factor	Loss Factor																																				
MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	cm	deg																																	
1	2487.22	44.23	-9.77	54.00	38.43	31.17	7.27	32.64	378	27	Average	VERTICAL																												



2.4GHz 2400~2483.5MHz

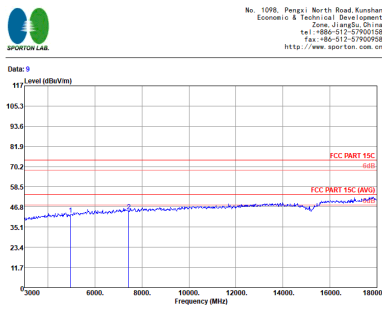
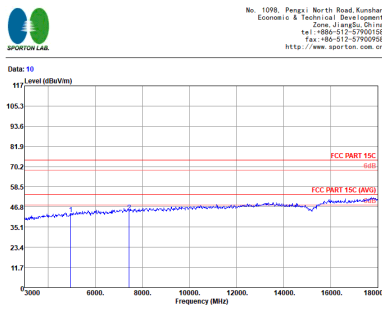
BLE (ANT 2) -2Mbps (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHZ	
2	Horizontal	Vertical
Peak Avg.	 Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00318642 HORIZONTAL Project : RSM 1000 000000 YSR 3000 000000 SRT Auto Mode : E5 MEI : #12 E1F-BASE1 Plane : X Full-directivity : Over Limit : HeadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phase : 0 Peak HORIZONTAL	 Site : 030906-KS Condition : FCC PART 15C 3m 3117 SN 00318642 VERTICAL Project : RSM 1000 000000 YSR 3000 000000 SRT Auto Mode : E5 MEI : #12 E1F-BASE1 Plane : X Full-directivity : Over Limit : HeadAntenna : Cable Preamp : A/Pos : T/Pos : Remark : Pol/Phase : 0 Peak VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																																																																																									
ANT	BLE CH19 2440MHz																																																																																																																																																									
2	Horizontal	Vertical																																																																																																																																																								
Peak Avg.	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 Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 HORIZONTAL Project : RRM 1000 0000Hz VSW:3000 0000Hz SMT:Auto Date : 17 Mode : 17 Plane : 17 Full-directivity : 17 Level : 17 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</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>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>cm</th><th>deg</th><th></th></tr><tr><td>4870.00</td><td>42.08</td><td>-31.92</td><td>74.00</td><td>57.13</td><td>34.66</td><td>10.32</td><td>60.03</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>7320.00</td><td>44.04</td><td>-29.96</td><td>74.00</td><td>55.23</td><td>36.56</td><td>12.77</td><td>60.52</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table> 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 Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 HORIZONTAL Project : RRM 1000 0000Hz VSW:3000 0000Hz SMT:Auto Date : 17 Mode : 17 Plane : 17 Full-directivity : 17 Level : 17 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</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>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>cm</th><th>deg</th><th></th></tr><tr><td>4870.00</td><td>42.08</td><td>-31.92</td><td>74.00</td><td>57.13</td><td>34.66</td><td>10.32</td><td>60.03</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>7320.00</td><td>44.04</td><td>-29.96</td><td>74.00</td><td>55.23</td><td>36.56</td><td>12.77</td><td>60.52</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Limit	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dB	dB	cm	cm	deg		4870.00	42.08	-31.92	74.00	57.13	34.66	10.32	60.03	0 Peak	HORIZONTAL	7320.00	44.04	-29.96	74.00	55.23	36.56	12.77	60.52	0 Peak	HORIZONTAL	Freq	Level	Limit	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dB	dB	cm	cm	deg		4870.00	42.08	-31.92	74.00	57.13	34.66	10.32	60.03	0 Peak	HORIZONTAL	7320.00	44.04	-29.96	74.00	55.23	36.56	12.77	60.52	0 Peak	HORIZONTAL	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 Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 VERTICAL Project : RRM 1000 0000Hz VSW:3000 0000Hz SMT:Auto Date : 17 Mode : 17 Plane : 17 Full-directivity : 17 Level : 17 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</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>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>cm</th><th>deg</th><th></th></tr><tr><td>4870.00</td><td>41.53</td><td>-32.47</td><td>74.00</td><td>56.58</td><td>34.66</td><td>10.32</td><td>60.03</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>7320.00</td><td>40.13</td><td>-29.87</td><td>74.00</td><td>56.32</td><td>36.56</td><td>12.77</td><td>60.52</td><td>0 Peak</td><td>VERTICAL</td></tr></table> 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 Site : 030904-K5 Condition : FCC PART 15C 3m 3117 SN 00218442 VERTICAL Project : RRM 1000 0000Hz VSW:3000 0000Hz SMT:Auto Date : 17 Mode : 17 Plane : 17 Full-directivity : 17 Level : 17 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</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>dBm/100m</th><th>dB</th><th>dB</th><th>cm</th><th>cm</th><th>deg</th><th></th></tr><tr><td>4870.00</td><td>41.53</td><td>-32.47</td><td>74.00</td><td>56.58</td><td>34.66</td><td>10.32</td><td>60.03</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>7320.00</td><td>40.13</td><td>-29.87</td><td>74.00</td><td>56.32</td><td>36.56</td><td>12.77</td><td>60.52</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dB	dB	cm	cm	deg		4870.00	41.53	-32.47	74.00	56.58	34.66	10.32	60.03	0 Peak	VERTICAL	7320.00	40.13	-29.87	74.00	56.32	36.56	12.77	60.52	0 Peak	VERTICAL	Freq	Level	Limit	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBm/100m	dBm/100m	dB	dB	cm	cm	deg		4870.00	41.53	-32.47	74.00	56.58	34.66	10.32	60.03	0 Peak	VERTICAL	7320.00	40.13	-29.87	74.00	56.32	36.56	12.77	60.52	0 Peak	VERTICAL
	Freq	Level	Limit	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																	
MHz	dBm/100m	dBm/100m	dB	dB	cm	cm	deg																																																																																																																																																			
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Freq	Level	Limit	Level Factor	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																		
MHz	dBm/100m	dBm/100m	dB	dB	cm	cm	deg																																																																																																																																																			
4870.00	42.08	-31.92	74.00	57.13	34.66	10.32	60.03	0 Peak	HORIZONTAL																																																																																																																																																	
7320.00	44.04	-29.96	74.00	55.23	36.56	12.77	60.52	0 Peak	HORIZONTAL																																																																																																																																																	
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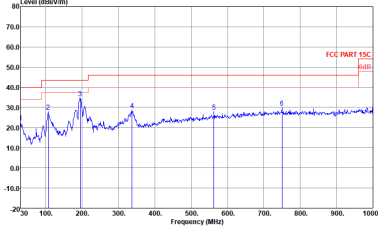
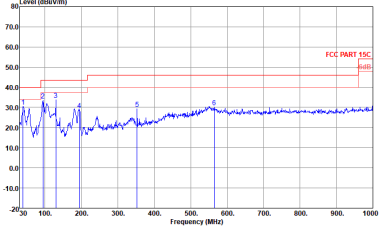


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m																																																																																																
ANT	BLE CH39 2480MHz																																																																																																
2	Horizontal	Vertical																																																																																															
Peak	 No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site : 030804-KS Condition : FCC PART 15C 3m 3117 SN 00218462 HORIZONTAL Project : RBW 1000, 000kHz VBW 3000, 000kHz SFT Auto Model : FTS 102106-01 Date : 18 Plane : #12 E1F-BASE1 Full-directivity Over Limit ReadAntenna Cable Premo Loss Factor A/Pos T/Pos Remark Pol/Phas <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Line</th><th>ReadAntenna</th><th>Cable Premo</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4960.00</td><td>42.29</td><td>-31.71</td><td>74.00</td><td>57.05</td><td>34.81</td><td>10.43</td><td>60.01</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>7440.00</td><td>44.29</td><td>-29.80</td><td>74.00</td><td>55.27</td><td>36.39</td><td>12.88</td><td>60.54</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>  No. 1098, Pengji North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900058 http://www.sporton.com.cn Site : 030804-KS Condition : FCC PART 15C 3m 3117 SN 00218462 VERTICAL Project : RBW 1000, 000kHz VBW 3000, 000kHz SFT Auto Model : FTS 102106-01 Date : 18 Plane : #12 E1F-BASE1 Full-directivity Over Limit ReadAntenna Cable Premo Loss Factor A/Pos T/Pos Remark Pol/Phas <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Line</th><th>ReadAntenna</th><th>Cable Premo</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>4960.00</td><td>42.68</td><td>-31.32</td><td>74.00</td><td>57.45</td><td>34.81</td><td>10.43</td><td>60.01</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>7440.00</td><td>43.99</td><td>-30.01</td><td>74.00</td><td>55.56</td><td>36.39</td><td>12.88</td><td>60.54</td><td>100</td><td>0 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Limit	Over	Line	ReadAntenna	Cable Premo	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg			1	4960.00	42.29	-31.71	74.00	57.05	34.81	10.43	60.01	300	0 Peak	HORIZONTAL	2	7440.00	44.29	-29.80	74.00	55.27	36.39	12.88	60.54	300	0 Peak	HORIZONTAL	Freq	Level	Limit	Over	Line	ReadAntenna	Cable Premo	Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg			1	4960.00	42.68	-31.32	74.00	57.45	34.81	10.43	60.01	100	0 Peak	VERTICAL	2	7440.00	43.99	-30.01	74.00	55.56	36.39	12.88	60.54	100	0 Peak	VERTICAL
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Note: Pre-scanned for 18GHz to 26GHz, there are no signals, thus only test data below 18GHz are shown in the report.



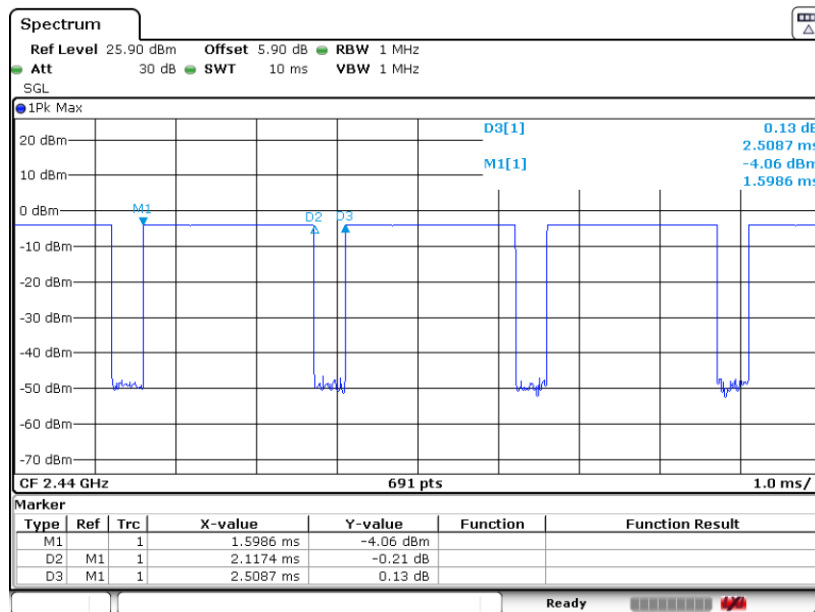
Emission below 1GHz
2.4GHz BLE (ANT 2) -2Mbps (LF)

BLE	2.4GHz 2400~2483.5MHz																																																																																																																																																																	
ANT	BLE LF																																																																																																																																																																	
2	Horizontal	Vertical																																																																																																																																																																
QP / Peak	 No. 109B, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sportron.com.cn Data: 11  Site : 030906-KS Condition : FCC PART 15C 3m CBLA1100N23188 HORIZONTAL Project : RSW 100.000MHz VSW 300.000MHz SMT Auto Mode : RF102106-01 Plane : #12 E1F-BASE1 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>30.00</td><td>22.50</td><td>-17.45</td><td>40.00</td><td>38.05</td><td>25.15</td><td>0.58</td><td>31.33</td><td>Peak HORIZONTAL</td></tr><tr><td>2</td><td>106.43</td><td>28.00</td><td>-15.50</td><td>43.50</td><td>40.82</td><td>17.29</td><td>1.68</td><td>31.79</td><td>Peak HORIZONTAL</td></tr><tr><td>3</td><td>194.90</td><td>34.00</td><td>-8.90</td><td>43.50</td><td>48.11</td><td>15.56</td><td>2.27</td><td>31.54</td><td>Peak HORIZONTAL</td></tr><tr><td>4</td><td>237.49</td><td>28.74</td><td>-17.26</td><td>46.00</td><td>37.31</td><td>20.10</td><td>2.98</td><td>31.65</td><td>Peak HORIZONTAL</td></tr><tr><td>5</td><td>562.53</td><td>27.99</td><td>-16.01</td><td>46.00</td><td>30.52</td><td>25.16</td><td>3.86</td><td>31.55</td><td>Peak HORIZONTAL</td></tr><tr><td>6</td><td>749.74</td><td>29.96</td><td>-16.04</td><td>46.00</td><td>30.93</td><td>25.09</td><td>4.45</td><td>31.11</td><td>Peak HORIZONTAL</td></tr></table>	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg			1	30.00	22.50	-17.45	40.00	38.05	25.15	0.58	31.33	Peak HORIZONTAL	2	106.43	28.00	-15.50	43.50	40.82	17.29	1.68	31.79	Peak HORIZONTAL	3	194.90	34.00	-8.90	43.50	48.11	15.56	2.27	31.54	Peak HORIZONTAL	4	237.49	28.74	-17.26	46.00	37.31	20.10	2.98	31.65	Peak HORIZONTAL	5	562.53	27.99	-16.01	46.00	30.52	25.16	3.86	31.55	Peak HORIZONTAL	6	749.74	29.96	-16.04	46.00	30.93	25.09	4.45	31.11	Peak HORIZONTAL	 No. 109B, Pengzi North Road, Kunshan Economic & Technical Development Zone, Jiangsu, China tel: +86-512-57900158 fax: +86-512-57900158 http://www.sportron.com.cn Data: 12  Site : 030906-KS Condition : FCC PART 15C 3m CBLA1100N23188 VERTICAL Project : RSW 100.000MHz VSW 300.000MHz SMT Auto Mode : RF102106-01 Plane : #12 E1F-BASE1 <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>dBm/100kHz</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>39.70</td><td>30.37</td><td>-9.43</td><td>40.00</td><td>41.40</td><td>19.98</td><td>0.72</td><td>31.65</td><td>Peak VERTICAL</td></tr><tr><td>2</td><td>94.02</td><td>33.29</td><td>-10.11</td><td>43.50</td><td>46.94</td><td>16.84</td><td>1.54</td><td>31.93</td><td>Peak VERTICAL</td></tr><tr><td>3</td><td>179.91</td><td>33.49</td><td>-10.81</td><td>43.50</td><td>45.65</td><td>17.74</td><td>1.84</td><td>31.54</td><td>Peak VERTICAL</td></tr><tr><td>4</td><td>194.90</td><td>28.80</td><td>-14.64</td><td>43.50</td><td>41.01</td><td>16.42</td><td>2.27</td><td>31.34</td><td>Peak VERTICAL</td></tr><tr><td>5</td><td>353.01</td><td>29.20</td><td>-15.70</td><td>46.00</td><td>36.41</td><td>21.48</td><td>3.04</td><td>31.63</td><td>Peak VERTICAL</td></tr><tr><td>6</td><td>564.47</td><td>30.25</td><td>-15.75</td><td>46.00</td><td>32.15</td><td>25.78</td><td>3.86</td><td>31.54</td><td>Peak VERTICAL</td></tr></table>	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas	MHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	dBm/100kHz	cm	deg			1	39.70	30.37	-9.43	40.00	41.40	19.98	0.72	31.65	Peak VERTICAL	2	94.02	33.29	-10.11	43.50	46.94	16.84	1.54	31.93	Peak VERTICAL	3	179.91	33.49	-10.81	43.50	45.65	17.74	1.84	31.54	Peak VERTICAL	4	194.90	28.80	-14.64	43.50	41.01	16.42	2.27	31.34	Peak VERTICAL	5	353.01	29.20	-15.70	46.00	36.41	21.48	3.04	31.63	Peak VERTICAL	6	564.47	30.25	-15.75	46.00	32.15	25.78	3.86	31.54	Peak VERTICAL
	Freq	Level	Limit	Line	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas																																																																																																																																																								
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3	179.91	33.49	-10.81	43.50	45.65	17.74	1.84	31.54	Peak VERTICAL																																																																																																																																																									
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Appendix E. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
Bluetooth LE 1Mbps	84.40	2.117	0.472	0.51KHz
Bluetooth LE 2Mbps	56.96	1.074	0.931	1KHz

Bluetooth LE 1Mbps





Bluetooth LE 2Mbps

