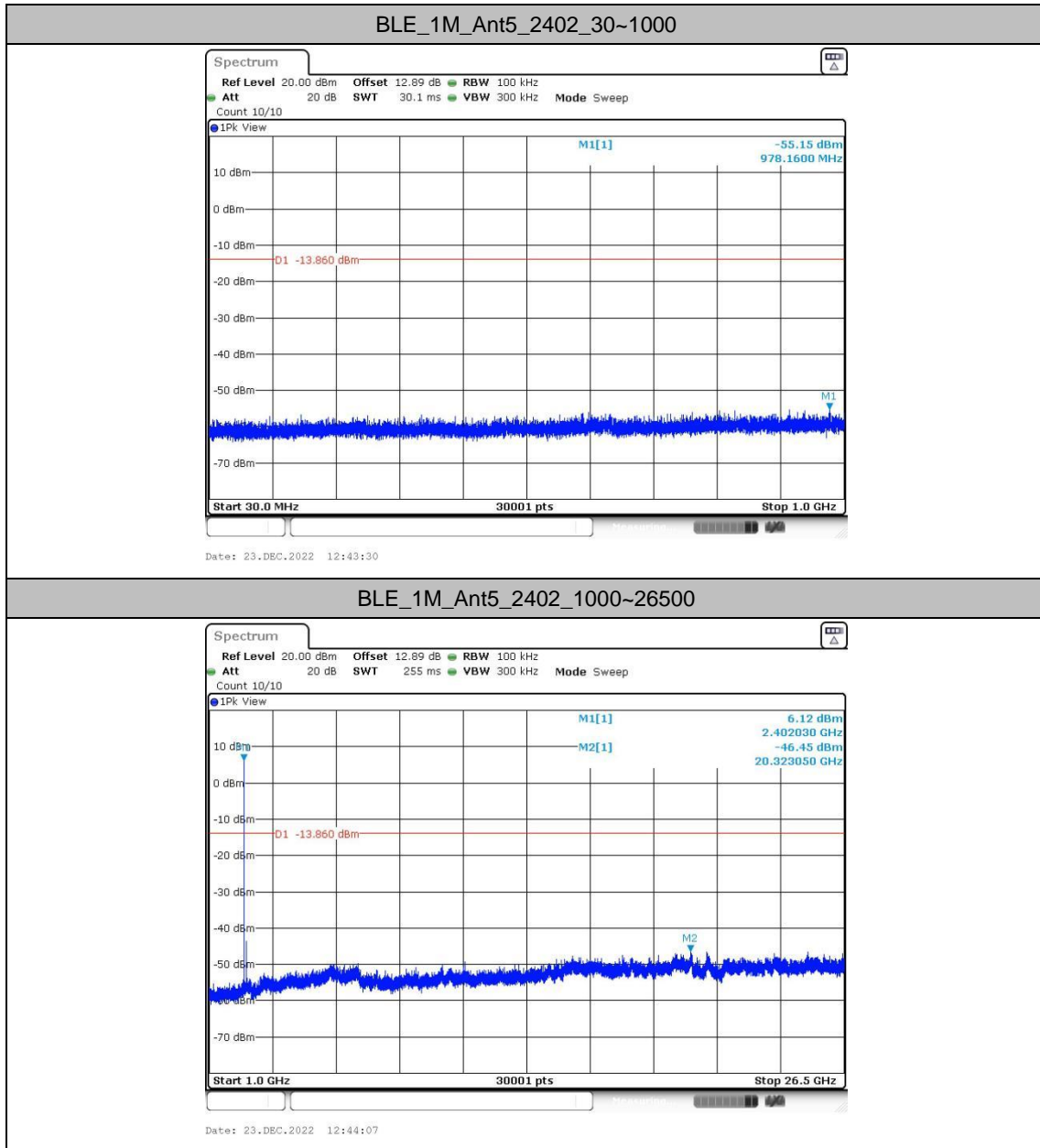


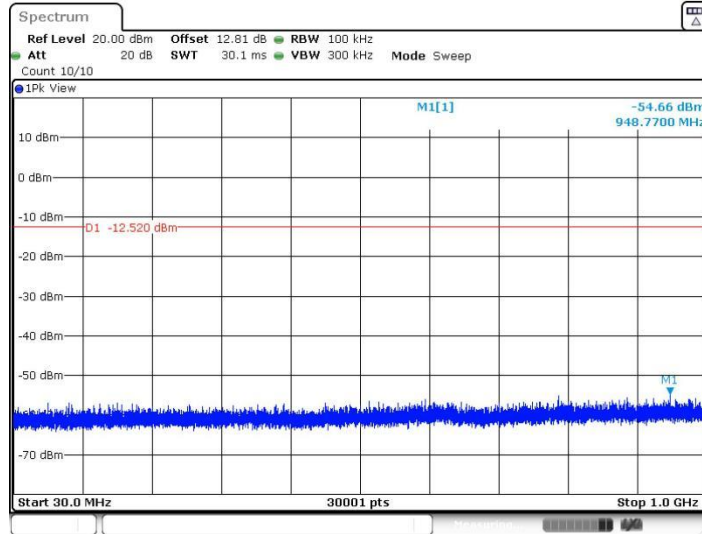


Test Graphs



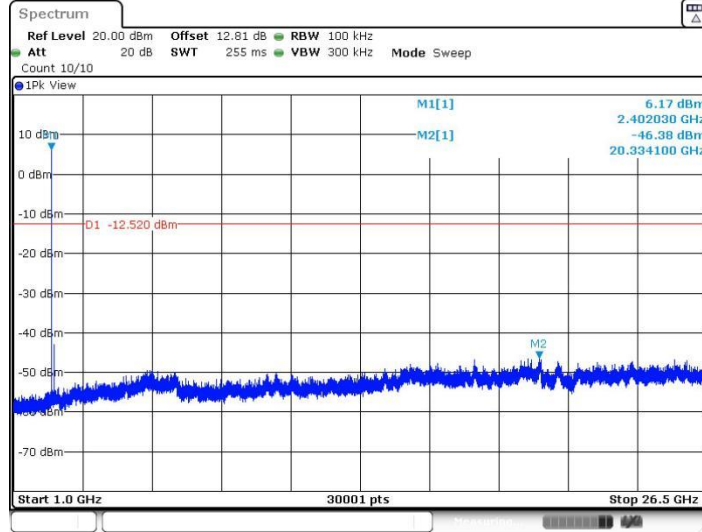


BLE_1M_Ant4_2402_30~1000



Date: 23.DEC.2022 12:59:38

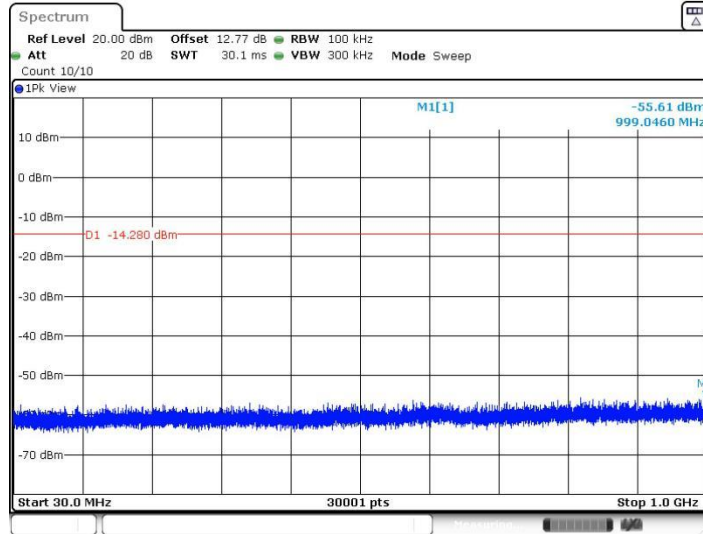
BLE_1M_Ant4_2402_1000~26500



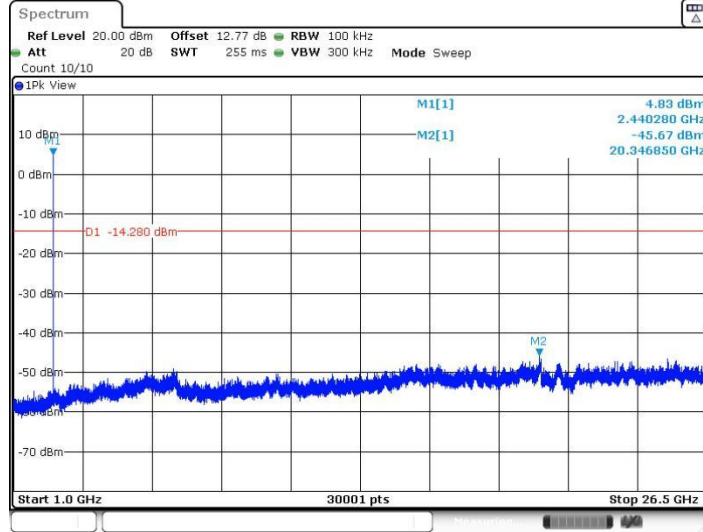
Date: 23.DEC.2022 13:00:15



BLE_1M_Ant5_2440_30~1000

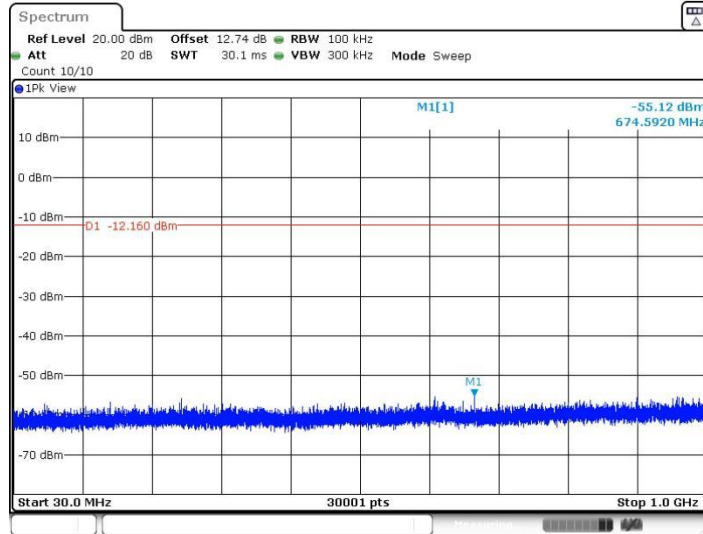


BLE_1M_Ant5_2440_1000~26500



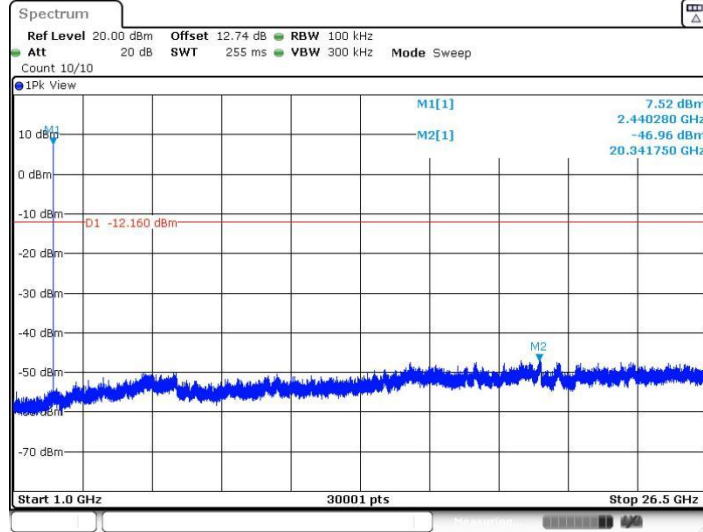


BLE_1M_Ant4_2440_30~1000



Date: 23.DEC.2022 13:01:51

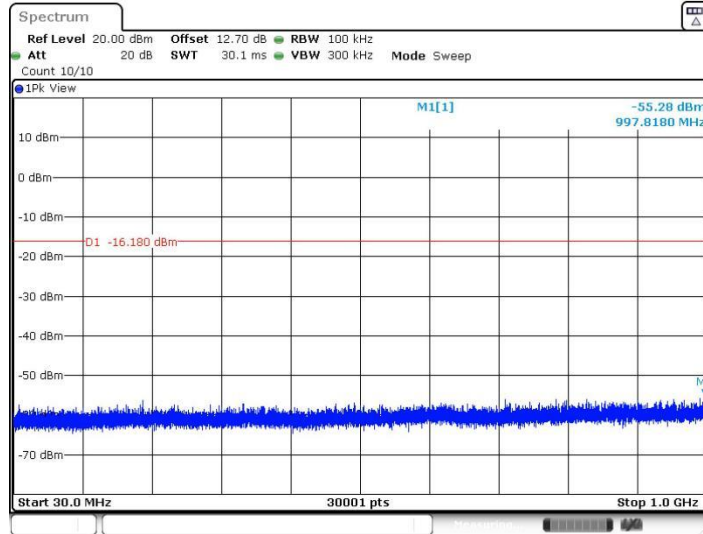
BLE_1M_Ant4_2440_1000~26500



Date: 23.DEC.2022 13:02:28

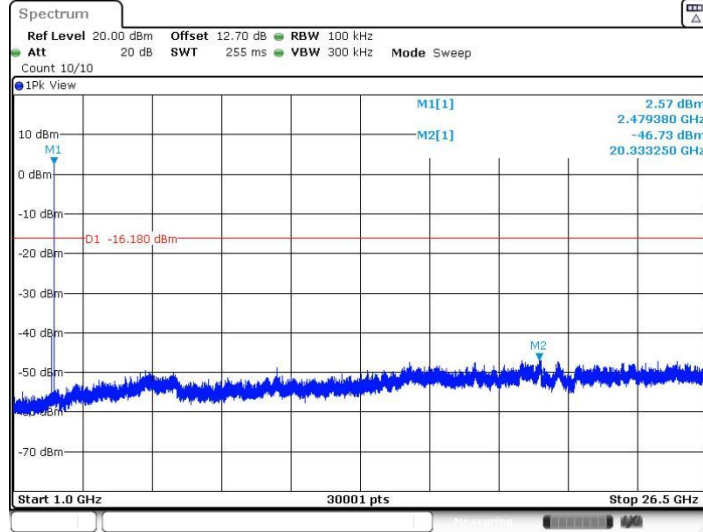


BLE_1M_Ant5_2480_30~1000



Date: 23.DEC.2022 12:48:42

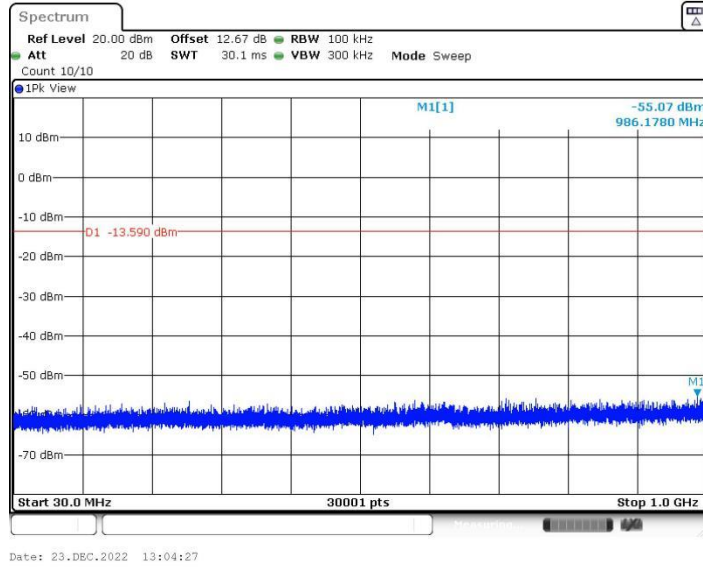
BLE_1M_Ant5_2480_1000~26500



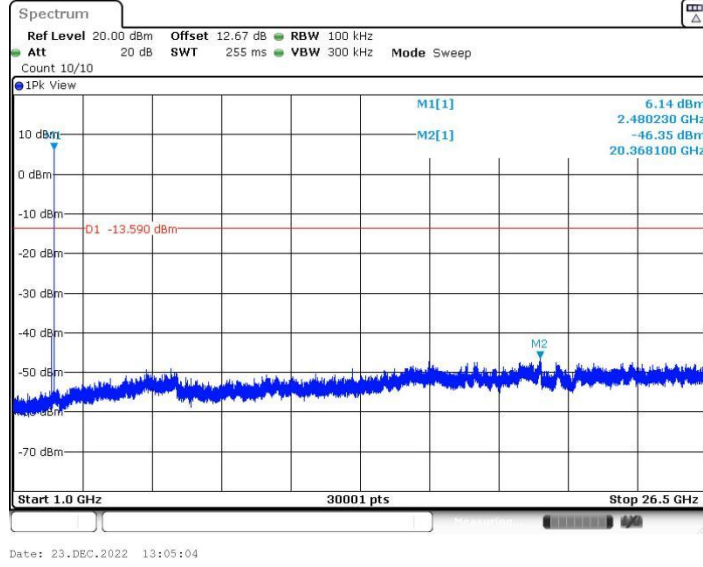
Date: 23.DEC.2022 12:49:19



BLE_1M_Ant4_2480_30~1000

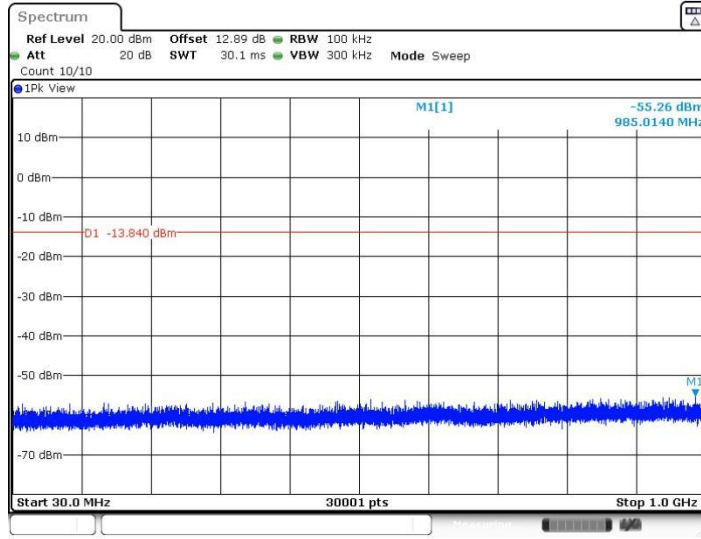


BLE_1M_Ant4_2480_1000~26500



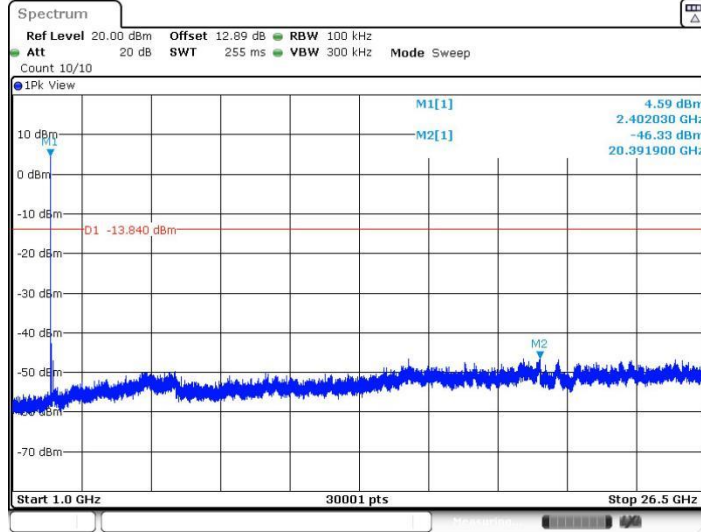


BLE_2M_Ant5_2402_30~1000



Date: 23.DEC.2022 12:51:19

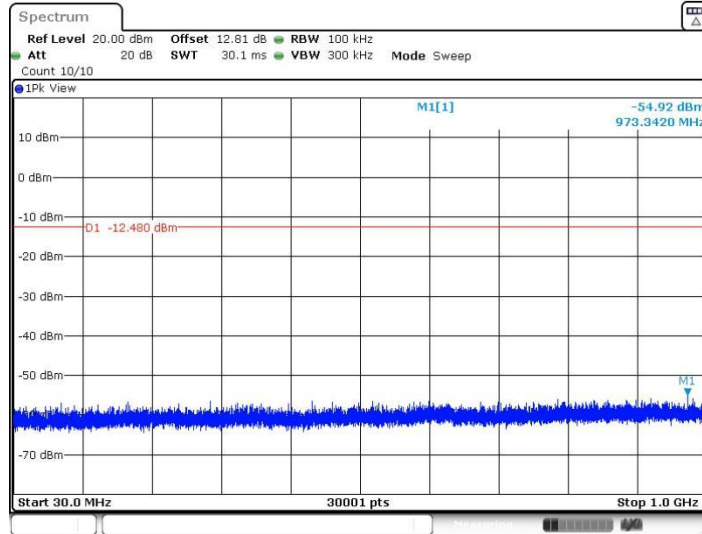
BLE_2M_Ant5_2402_1000~26500



Date: 23.DEC.2022 12:51:56

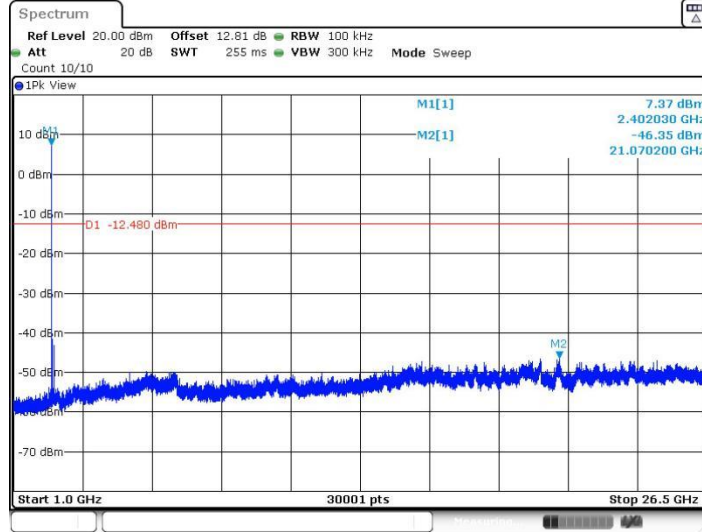


BLE_2M_Ant4_2402_30~1000



Date: 23.DEC.2022 13:06:51

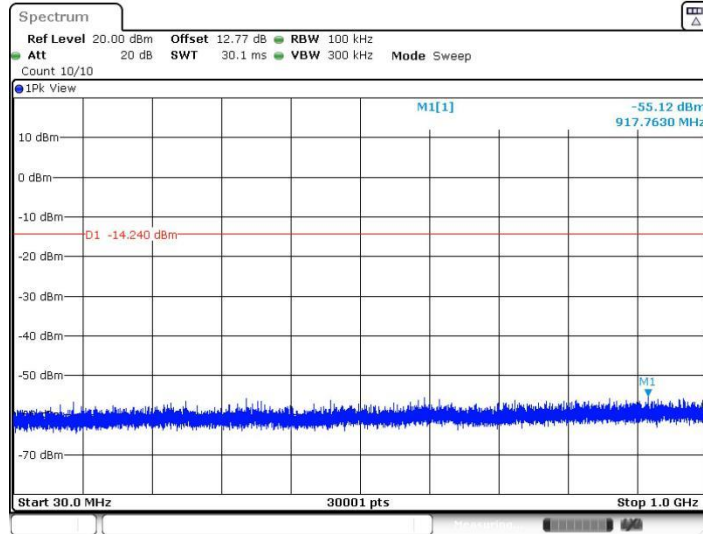
BLE_2M_Ant4_2402_1000~26500



Date: 23.DEC.2022 13:07:28

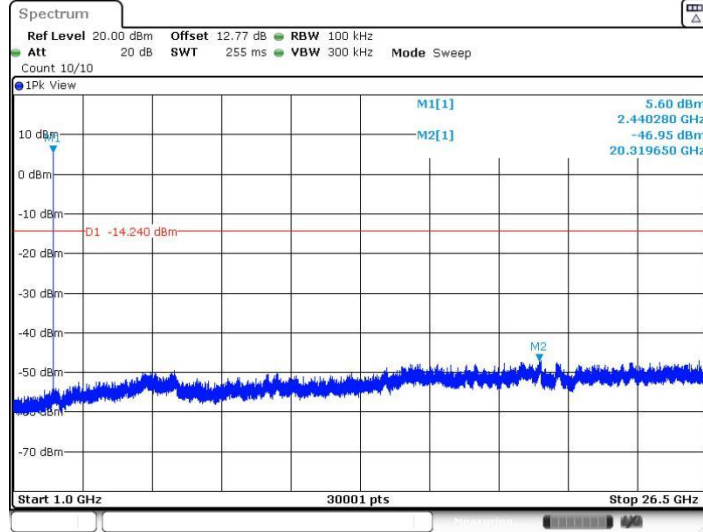


BLE_2M_Ant5_2440_30~1000



Date: 23.DEC.2022 12:53:28

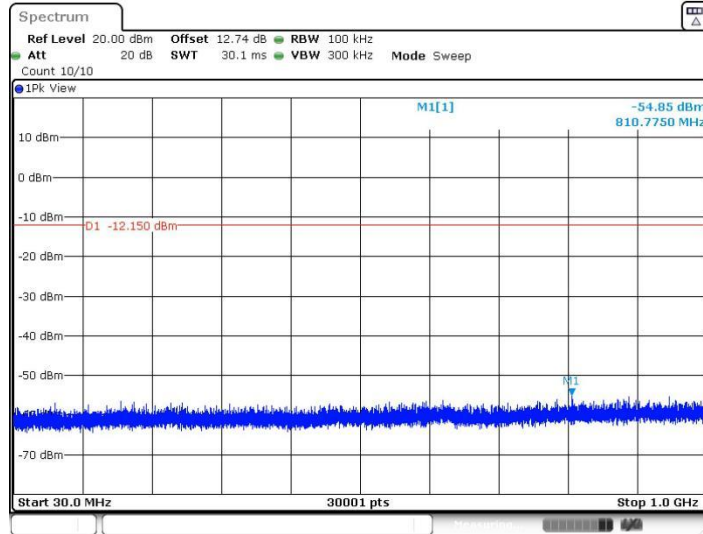
BLE_2M_Ant5_2440_1000~26500



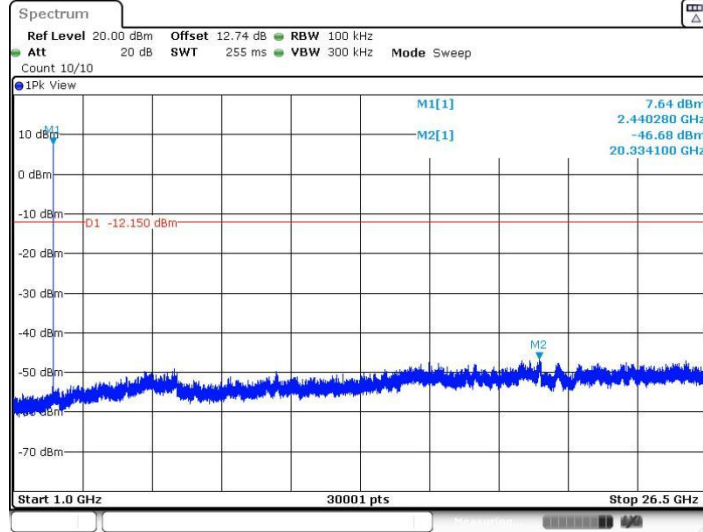
Date: 23.DEC.2022 12:54:05



BLE_2M_Ant4_2440_30~1000

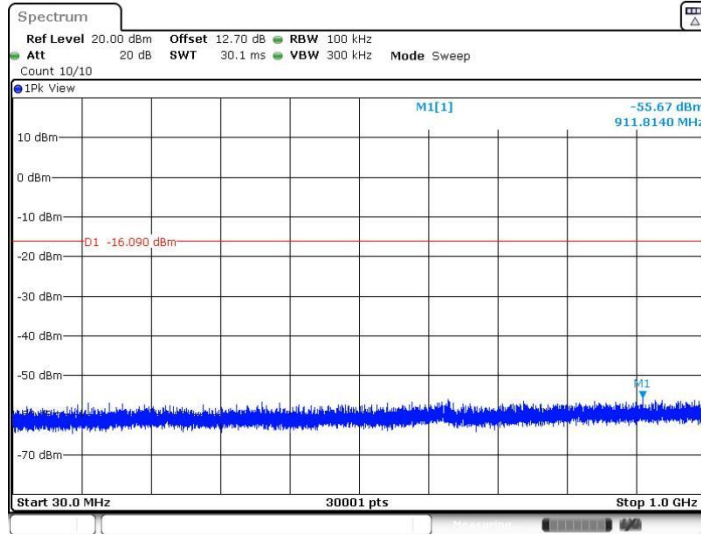


BLE_2M_Ant4_2440_1000~26500



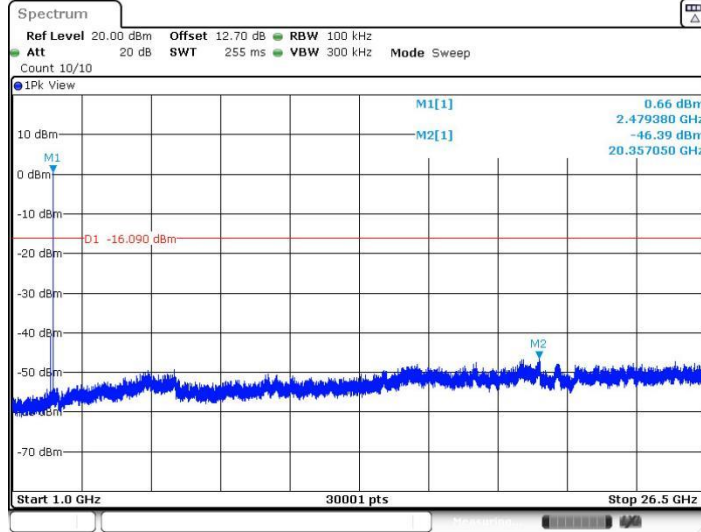


BLE_2M_Ant5_2480_30~1000



Date: 23.DEC.2022 12:56:10

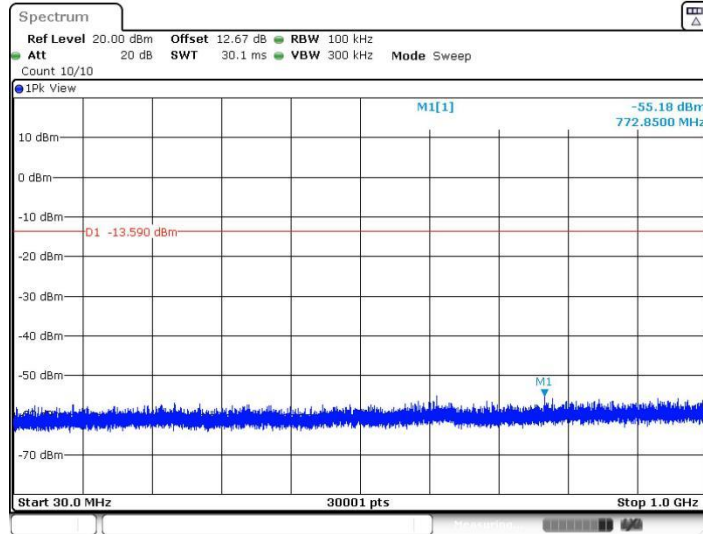
BLE_2M_Ant5_2480_1000~26500



Date: 23.DEC.2022 12:56:48

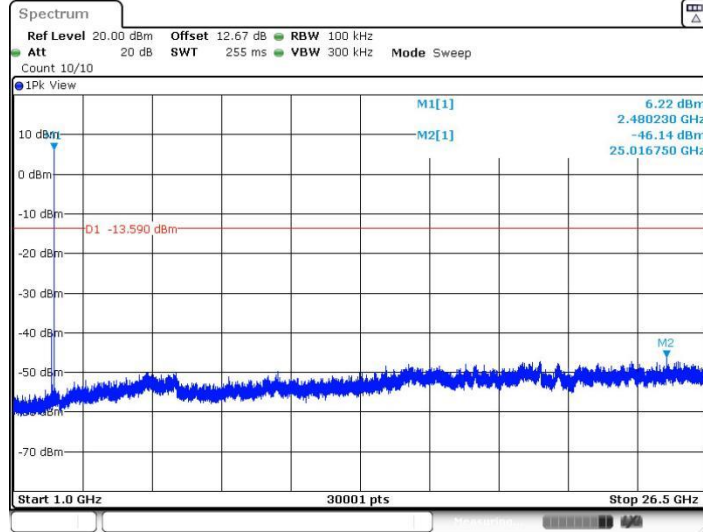


BLE_2M_Ant4_2480_30~1000



Date: 23.DEC.2022 13:11:39

BLE_2M_Ant4_2480_1000~26500

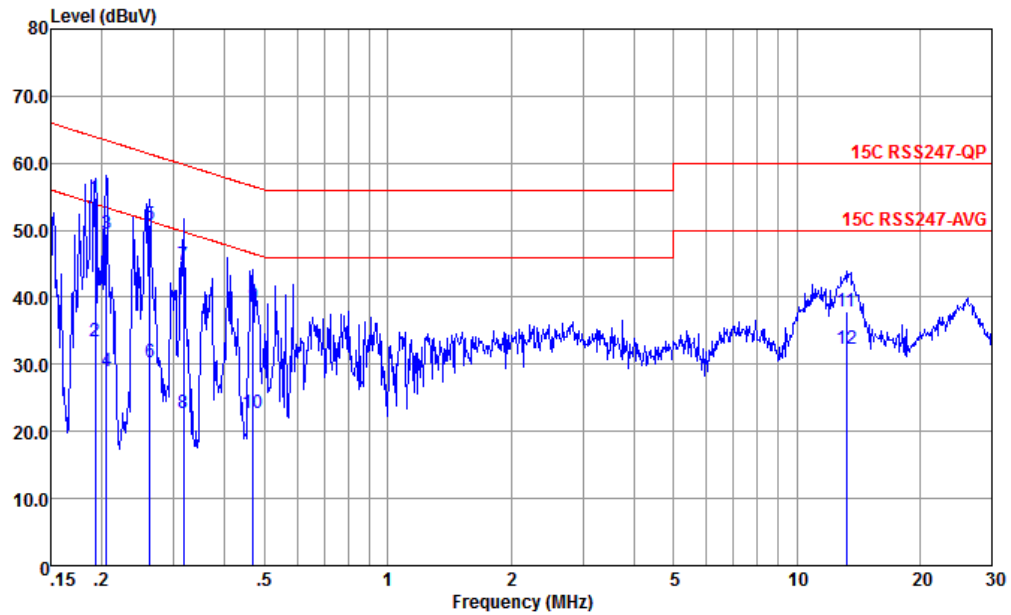


Date: 23.DEC.2022 13:12:16



Appendix B. AC Conducted Emission Test Results

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

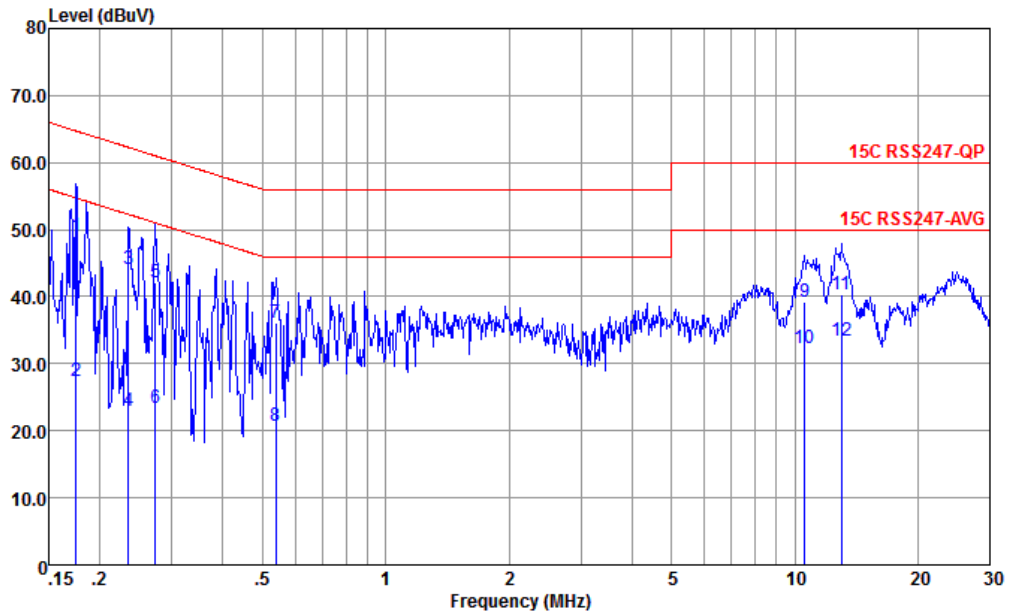


Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060103-L LINE

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1 *	0.192	54.93	-9.00	63.93	44.20	0.31	10.42	QP
2	0.192	33.33	-20.60	53.93	22.60	0.31	10.42	Average
3	0.205	49.53	-13.87	63.40	38.79	0.32	10.42	QP
4	0.205	28.93	-24.47	53.40	18.19	0.32	10.42	Average
5	0.262	50.76	-10.62	61.38	40.11	0.28	10.37	QP
6	0.262	30.26	-21.12	51.38	19.61	0.28	10.37	Average
7	0.317	44.80	-15.00	59.80	34.20	0.26	10.34	QP
8	0.317	22.80	-27.00	49.80	12.20	0.26	10.34	Average
9	0.469	38.70	-17.84	56.54	28.20	0.26	10.24	QP
10	0.469	22.70	-23.84	46.54	12.20	0.26	10.24	Average
11	13.197	37.81	-22.19	60.00	26.20	0.52	11.09	QP
12	13.197	32.21	-17.79	50.00	20.60	0.52	11.09	Average



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



Site : CO01-KS
 Condition : 15C RSS247-QP LISN-060103-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.175	48.94	-15.78	64.72	38.21	0.31	10.42	QP
2	0.175	27.34	-27.38	54.72	16.61	0.31	10.42	Average
3	0.235	44.22	-18.04	62.26	33.50	0.33	10.39	QP
4	0.235	22.92	-29.34	52.26	12.20	0.33	10.39	Average
5	0.273	42.21	-18.82	61.03	31.50	0.34	10.37	QP
6	0.273	23.31	-27.72	51.03	12.60	0.34	10.37	Average
7	0.538	36.08	-19.92	56.00	25.60	0.28	10.20	QP
8	0.538	20.68	-25.32	46.00	10.20	0.28	10.20	Average
9	10.564	39.22	-20.78	60.00	28.11	0.37	10.74	QP
10	10.564	32.31	-17.69	50.00	21.20	0.37	10.74	Average
11	12.988	40.37	-19.63	60.00	28.80	0.50	11.07	QP
12	12.988	33.47	-16.53	50.00	21.90	0.50	11.07	Average

Note:

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



Appendix C. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

Ant 5:

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1Mbps		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2382.87	48.78	-25.22	74	49.82	27.5	5.34	33.88	318	311	P	H
		2350.95	39.47	-14.53	54	40.61	27.39	5.34	33.87	318	311	A	H
	*	2402	96.55	-	-	97.49	27.57	5.37	33.88	318	311	P	H
	*	2402	95.9	-	-	96.84	27.57	5.37	33.88	318	311	A	H
		2345.595	48.84	-25.16	74	49.99	27.38	5.34	33.87	256	258	P	V
		2351.265	39.61	-14.39	54	40.75	27.39	5.34	33.87	256	258	A	V
	*	2402	99.53	-	-	100.47	27.57	5.37	33.88	256	258	P	V
	*	2402	98.89	-	-	99.83	27.57	5.37	33.88	256	258	A	V
BLE CH 39 2480MHz	*	2480	96.83	-	-	97.44	27.83	5.46	33.9	330	315	P	H
	*	2480	96.22	-	-	96.83	27.83	5.46	33.9	330	315	A	H
		2488.8	48.92	-25.08	74	49.5	27.86	5.46	33.9	330	315	P	H
		2491.04	40.02	-13.98	54	40.59	27.87	5.46	33.9	330	315	A	H
	*	2480	99.08	-	-	99.69	27.83	5.46	33.9	273	254	P	V
	*	2480	98.49	-	-	99.1	27.83	5.46	33.9	273	254	A	V
		2484.4	48.74	-25.26	74	49.33	27.85	5.46	33.9	273	254	P	V
		2490.6	39.84	-14.16	54	40.41	27.87	5.46	33.9	273	254	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 (Harmonic @ 3m)**

BLE	Note	Frequency	Level	Margin	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)
1Mbps BLE CH 00 2402MHz		4804	43.03	-30.97	74	52.36	31.55	8.88	49.76	-	-	P	H
		4804	43.18	-30.82	74	52.51	31.55	8.88	49.76	-	-	P	V
BLE CH 19 2440MHz		4880	43.72	-30.28	74	53.06	31.68	8.76	49.78	-	-	P	H
		7320	45.87	-28.13	74	49.44	36.22	10.18	49.97	-	-	P	H
		4880	42.48	-31.52	74	51.82	31.68	8.76	49.78	-	-	P	V
		7320	45.73	-28.27	74	49.3	36.22	10.18	49.97	-	-	P	V
BLE CH 39 2480MHz		4960	42.17	-31.83	74	51.72	31.83	8.41	49.79	-	-	P	H
		7440	45.85	-28.15	74	49.6	36.34	10.17	50.26	-	-	P	H
		4960	41.87	-32.13	74	51.42	31.83	8.41	49.79	-	-	P	V
		7440	45.75	-28.25	74	49.5	36.34	10.17	50.26	-	-	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 (Band Edge @ 3m)

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2Mbps		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2319.66	48.76	-25.24	74	50.02	27.29	5.31	33.86	308	219	P	H
		2354.94	41.04	-12.96	54	42.16	27.41	5.34	33.87	308	219	A	H
	*	2402	98.65	-	-	99.59	27.57	5.37	33.88	308	219	P	H
	*	2402	96.81	-	-	97.75	27.57	5.37	33.88	308	219	A	H
		2382.87	49.16	-24.84	74	50.2	27.5	5.34	33.88	206	276	P	V
		2316.405	40.9	-13.1	54	42.17	27.28	5.31	33.86	206	276	A	V
	*	2402	98.95	-	-	99.89	27.57	5.37	33.88	206	276	P	V
	*	2402	97.25	-	-	98.19	27.57	5.37	33.88	206	276	A	V
BLE CH 39 2480MHz	*	2480	98.01	-	-	98.62	27.83	5.46	33.9	327	216	P	H
	*	2480	96.3	-	-	96.91	27.83	5.46	33.9	327	216	A	H
		2487.68	49.37	-24.63	74	49.95	27.86	5.46	33.9	327	216	P	H
		2498.24	41.21	-12.79	54	41.76	27.89	5.46	33.9	327	216	A	H
	*	2480	99.25	-	-	99.86	27.83	5.46	33.9	274	254	P	V
	*	2480	97.59	-	-	98.2	27.83	5.46	33.9	274	254	A	V
		2485.76	48.92	-25.08	74	49.51	27.85	5.46	33.9	274	254	P	V
		2493.08	41.36	-12.64	54	41.92	27.88	5.46	33.9	274	254	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 (Harmonic @ 3m)**

BLE	Note	Frequency	Level	Margin	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)
2Mbps BLE CH 00 2402MHz		4804	43.45	-30.55	74	52.78	31.55	8.88	49.76	-	-	P	H
		4804	43.4	-30.6	74	52.73	31.55	8.88	49.76	-	-	P	V
BLE CH 19 2440MHz		4880	43.22	-30.78	74	52.56	31.68	8.76	49.78	-	-	P	H
		7320	45.64	-28.36	74	49.21	36.22	10.18	49.97	-	-	P	H
		4880	44.08	-29.92	74	53.42	31.68	8.76	49.78	-	-	P	V
		7320	46.22	-27.78	74	49.79	36.22	10.18	49.97	-	-	P	V
BLE CH 39 2480MHz		4960	41.3	-32.7	74	50.85	31.83	8.41	49.79	-	-	P	H
		7440	45.95	-28.05	74	49.7	36.34	10.17	50.26	-	-	P	H
		4960	42.44	-31.56	74	51.99	31.83	8.41	49.79	-	-	P	V
		7440	45.1	-28.9	74	48.85	36.34	10.17	50.26	-	-	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 (Band Edge @ 3m)

Ant 4:

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1Mbps		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2353.26	49.91	-24.09	74	51.04	27.4	5.34	33.87	125	141	P	H
		2368.905	40.51	-13.49	54	41.59	27.45	5.34	33.87	125	141	A	H
	*	2402	96.53	-	-	97.47	27.57	5.37	33.88	125	141	P	H
	*	2402	95.98	-	-	96.92	27.57	5.37	33.88	125	141	A	H
		2325.12	49.86	-24.14	74	51.11	27.31	5.31	33.87	199	273	P	V
		2358.09	40.43	-13.57	54	41.54	27.42	5.34	33.87	199	273	A	V
	*	2402	93.49	-	-	94.43	27.57	5.37	33.88	199	273	P	V
	*	2402	93.01	-	-	93.95	27.57	5.37	33.88	199	273	A	V
BLE CH 39 2480MHz	*	2480	95.01	-	-	95.62	27.83	5.46	33.9	120	130	P	H
	*	2480	94.49	-	-	95.1	27.83	5.46	33.9	120	130	A	H
		2484.04	49.86	-24.14	74	50.45	27.85	5.46	33.9	120	130	P	H
		2487.04	40.7	-13.3	54	41.28	27.86	5.46	33.9	120	130	A	H
	*	2480	93.28	-	-	93.89	27.83	5.46	33.9	184	270	P	V
	*	2480	92.71	-	-	93.32	27.83	5.46	33.9	184	270	A	V
		2494.24	50.45	-23.55	74	51.01	27.88	5.46	33.9	184	270	P	V
		2485.28	40.85	-13.15	54	41.44	27.85	5.46	33.9	184	270	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 (Harmonic @ 3m)**

BLE	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1Mbps		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		4804	43.78	-30.22	74	53.11	31.55	8.88	49.76	-	-	P	H
		4804	43.81	-30.19	74	53.14	31.55	8.88	49.76	-	-	P	V
BLE CH 19 2440MHz		4880	43.62	-30.38	74	52.96	31.68	8.76	49.78	-	-	P	H
		7320	45.84	-28.16	74	49.41	36.22	10.18	49.97	-	-	P	H
		4880	43.58	-30.42	74	52.92	31.68	8.76	49.78	-	-	P	V
		7320	45.91	-28.09	74	49.48	36.22	10.18	49.97	-	-	P	V
BLE CH 39 2480MHz		4960	41.81	-32.19	74	51.36	31.83	8.41	49.79	-	-	P	H
		7440	46.45	-27.55	74	50.2	36.34	10.17	50.26	-	-	P	H
		4960	41.84	-32.16	74	51.39	31.83	8.41	49.79	-	-	P	V
		7440	46.4	-27.6	74	50.15	36.34	10.17	50.26	-	-	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 (Band Edge @ 3m)

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2Mbps		2343.915	49.81	-24.19	74	51	27.37	5.31	33.87	143	291	P	H
		2353.89	41.02	-12.98	54	42.15	27.4	5.34	33.87	143	291	A	H
	*	2402	98.55	-	-	99.49	27.57	5.37	33.88	143	291	P	H
	*	2402	96.71	-	-	97.65	27.57	5.37	33.88	143	291	A	H
		2354.205	49.91	-24.09	74	51.04	27.4	5.34	33.87	378	250	P	V
		2338.98	41.32	-12.68	54	42.53	27.35	5.31	33.87	378	250	A	V
	*	2402	96.84	-	-	97.78	27.57	5.37	33.88	378	250	P	V
	*	2402	95.1	-	-	96.04	27.57	5.37	33.88	378	250	A	V
BLE CH 00 2402MHz	*	2480	98.21	-	-	98.82	27.83	5.46	33.9	138	287	P	H
	*	2480	96.56	-	-	97.17	27.83	5.46	33.9	138	287	A	H
		2496.56	48.96	-25.04	74	49.51	27.89	5.46	33.9	138	287	P	H
		2483.52	41.53	-12.47	54	42.13	27.84	5.46	33.9	138	287	A	H
	*	2480	97.5	-	-	98.11	27.83	5.46	33.9	356	248	P	V
	*	2480	95.76	-	-	96.37	27.83	5.46	33.9	356	248	A	V
		2484.92	48.75	-25.25	74	49.34	27.85	5.46	33.9	356	248	P	V
		2487.6	41.45	-12.55	54	42.03	27.86	5.46	33.9	356	248	A	V
BLE CH 39 2480MHz	Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
BLE (Harmonic @ 3m)**

BLE	Note	Frequency	Level	Margin	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)
2Mbps BLE CH 00 2402MHz		4804	43.28	-30.72	74	52.61	31.55	8.88	49.76	-	-	P	H
		4804	42.81	-31.19	74	52.14	31.55	8.88	49.76	-	-	P	V
BLE CH 19 2440MHz		4880	43.17	-30.83	74	52.51	31.68	8.76	49.78	-	-	P	H
		7320	46.09	-27.91	74	49.66	36.22	10.18	49.97	-	-	P	H
		4880	44.37	-29.63	74	53.71	31.68	8.76	49.78	-	-	P	V
		7320	45.08	-28.92	74	48.65	36.22	10.18	49.97	-	-	P	V
BLE CH 39 2480MHz		4960	41.17	-32.83	74	50.72	31.83	8.41	49.79	-	-	P	H
		7440	45.37	-28.63	74	49.12	36.34	10.17	50.26	-	-	P	H
		4960	42.17	-31.83	74	51.72	31.83	8.41	49.79	-	-	P	V
		7440	45.89	-28.11	74	49.64	36.34	10.17	50.26	-	-	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 (LF)

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2Mbps		30	25.47	-14.53	40	30.98	25.86	0.53	31.9	-	-	P	H
		192.96	34.56	-8.94	43.5	49.08	15.38	1.41	31.31	-	-	P	H
		288.99	36.02	-9.98	46	45.71	19.66	1.77	31.12	-	-	P	H
		325.85	37.05	-8.95	46	45.95	20.28	1.89	31.07	-	-	P	H
		374.35	33.79	-12.21	46	41.45	21.33	2.04	31.03	-	-	P	H
		947.62	34.2	-11.8	46	30.71	31.07	3.23	30.81	-	-	P	H
		54.25	29.99	-10.01	40	47.71	13.46	0.73	31.91	-	-	P	V
		168.71	30.13	-13.37	43.5	43.84	16.33	1.32	31.36	-	-	P	V
		289.96	33.64	-12.36	46	43.31	19.68	1.77	31.12	-	-	P	V
		324.88	30.37	-15.63	46	39.29	20.27	1.89	31.08	-	-	P	V
		641.1	29.56	-16.44	46	31.41	26.48	2.63	30.96	-	-	P	V
		946.65	34.22	-11.78	46	30.77	31.04	3.23	30.82	-	-	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 Margin 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 00		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
2402MHz													

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. Margin (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. Margin (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. Margin (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

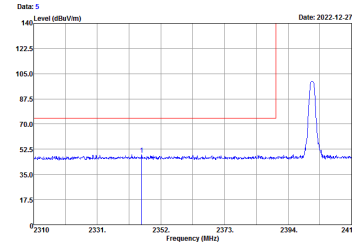
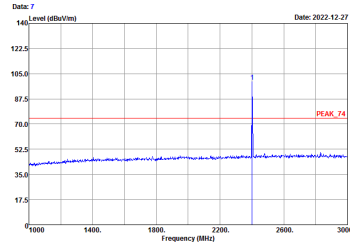
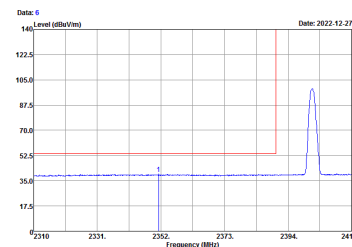
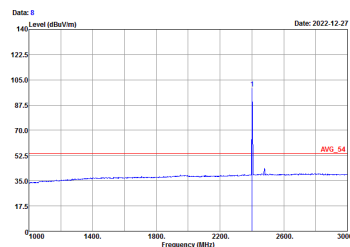
2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

1Mbps:

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
5	Horizontal	Fundamental
Peak	<p>Date: 1 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 4 IMEI : 350841760025512/350841760025520 Plane : Z with Accessories : TM</p>	<p>Date: 3 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 4 IMEI : 350841760025512/350841760025520 Plane : Z with Accessories : TM</p>
Avg.	<p>Date: 2 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_84 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 4 IMEI : 350841760025512/350841760025520 Plane : Z with Accessories : TM</p>	<p>Date: 4 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_84 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 4 IMEI : 350841760025512/350841760025520 Plane : Z with Accessories : TM</p>

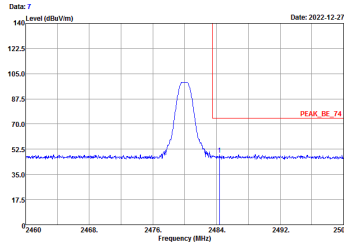
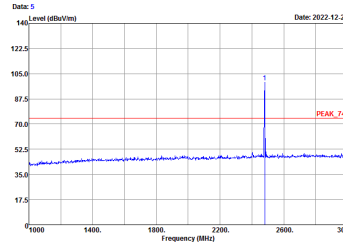
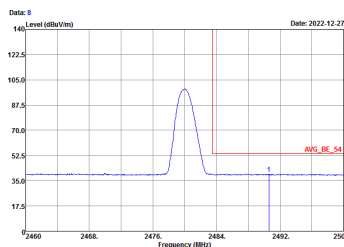
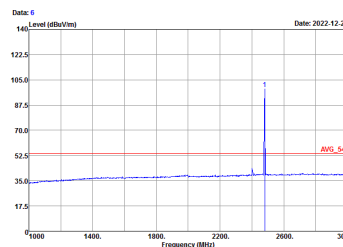


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
5	Vertical	Fundamental
<p>Peak</p>	 <p>Date: 5 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 VERTICAL RFW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 4 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>	 <p>Date: 7 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL RFW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 4 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>
<p>Avg</p>	 <p>Date: 6 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_54 3m 91200-1474-2022 VERTICAL RFW: 1000.000kHz VBW: 3.000kHz Project : 2D0913 Mode : Mode 4 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>	 <p>Date: 8 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_54 3m 91200-1474-2022 VERTICAL RFW: 1000.000kHz VBW: 3.000kHz Project : 2D0913 Mode : Mode 4 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
5	Horizontal	Fundamental
Peak	<p>Date: 3 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>	<p>Date: 1 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>
Avg.	<p>Date: 4 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>	<p>Date: 2 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
5	Vertical	Fundamental
Peak	 <p>Date: 7 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 VERTICAL REW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>	 <p>Date: 5 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL REW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>
Avg.	 <p>Date: 8 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_54 3m 91200-1474-2022 VERTICAL REW: 1000.000kHz VBW: 3.000kHz Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>	 <p>Date: 6 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_54 3m 91200-1474-2022 VERTICAL REW: 1000.000kHz VBW: 3.000kHz Project : 2D0913 Mode : Mode 6 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories IM</p>

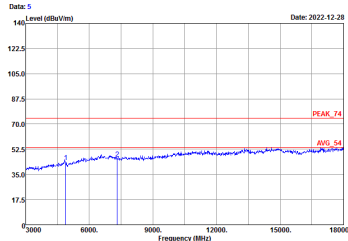
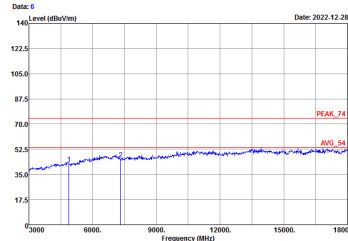


2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
5	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH04-SZ Condition : PEAK_74 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 4 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories TM</p>	<p>Site : 03CH04-SZ Condition : PEAK_74 3m 9120D-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 4 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories TM</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHz	
5	Horizontal	Vertical
Peak Avg.	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">  <p style="font-size: 8px;">Date: 5 Level (dBuV/m) Date: 2022.12.28</p> <p style="font-size: 8px;">Site : 03C104-SZ Condition : PEAK_T4 3m 9120D-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 5 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories TM</p> </div> <div style="width: 45%;">  <p style="font-size: 8px;">Date: 6 Level (dBuV/m) Date: 2022.12.28</p> <p style="font-size: 8px;">Site : 03C104-SZ Condition : PEAK_T4 3m 9120D-1474-2022 VERTICAL Project : 202913 Mode : Mode 5 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories TM</p> </div> </div>	



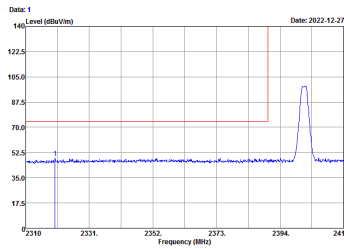
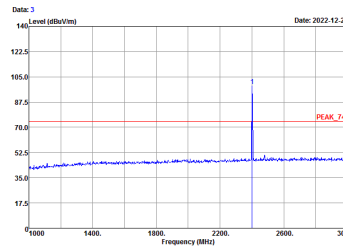
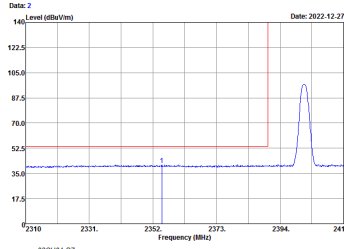
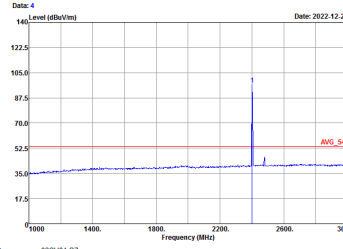
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
5	Horizontal	Vertical
Peak		



2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

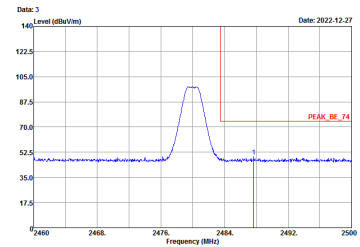
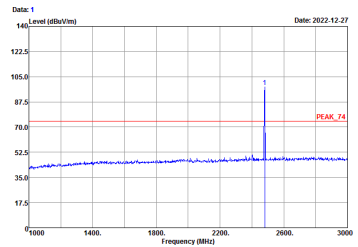
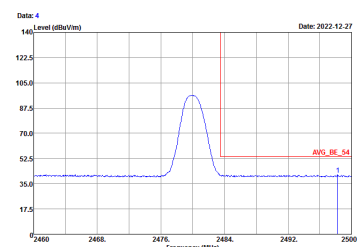
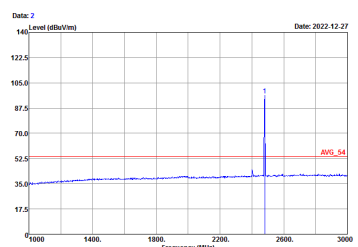
2Mbps:

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
5	Horizontal	Fundamental
<p>Peak</p>	 <p>Date: 1 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_EE_74 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories 2M</p>	 <p>Date: 3 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories 2M</p>
<p>Avg.</p>	 <p>Date: 2 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_EE_54 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories 2M</p>	 <p>Date: 4 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_54 3m 91200-1474-2022 HORIZONTAL Project : 200913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories 2M</p>

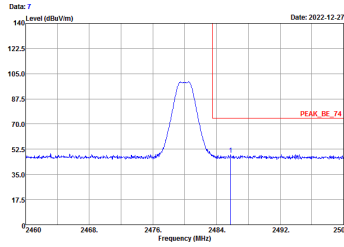
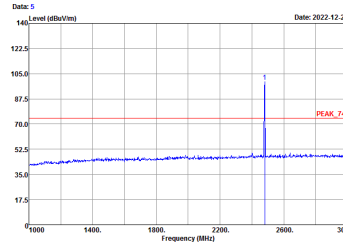
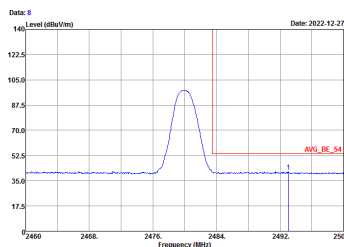
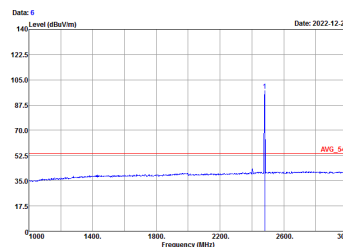


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
5	Vertical	Fundamental
Peak	<p>Date: 5 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>	<p>Date: 7 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>
Avg	<p>Date: 6 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_54 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 10.000kHz Project : 2D0913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>	<p>Date: 8 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_54 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 10.000kHz Project : 2D0913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
5	Horizontal	Fundamental
Peak	 <p>Date: 3 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>	 <p>Date: 1 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>
Avg.	 <p>Date: 4 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>	 <p>Date: 2 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
5	Vertical	Fundamental
Peak	 <p>Date: 7 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>	 <p>Date: 5 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>
Avg.	 <p>Date: 8 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 10.000kHz Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>	 <p>Date: 6 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 10.000kHz Project : 2D0913 Mode : Mode 9 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories ZM</p>

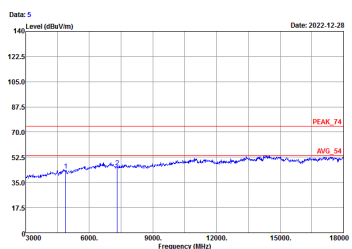
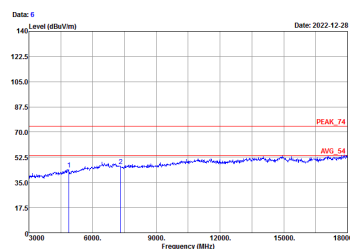


2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
5	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH04-SZ Condition : PEAK, 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories : DA</p>	<p>Site : 03CH04-SZ Condition : PEAK, 3m 9120D-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 7 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories : DA</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHz	
5	Horizontal	Vertical
Peak Avg.	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">  <p style="font-size: small;">Date: 5 Date: 2022.12.28</p> <p style="font-size: x-small;">Site : 03C104-SZ Condition : PEAK_T4 3m 9120D-1474-2022 HORIZONTAL Project : 202913 Mode : Mode S IMEI : 358041760025512/358041760025520 Plane : Z with Accessories 2M</p> </div> <div style="width: 45%;">  <p style="font-size: small;">Date: 6 Date: 2022.12.28</p> <p style="font-size: x-small;">Site : 03C104-SZ Condition : PEAK_T4 3m 9120D-1474-2022 VERTICAL Project : 202913 Mode : Mode S IMEI : 358041760025512/358041760025520 Plane : Z with Accessories 2M</p> </div> </div>	



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
5	Horizontal	Vertical
Peak		



2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

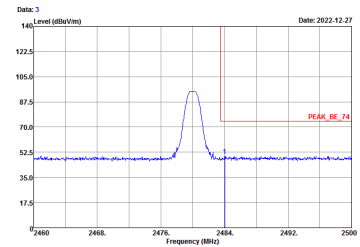
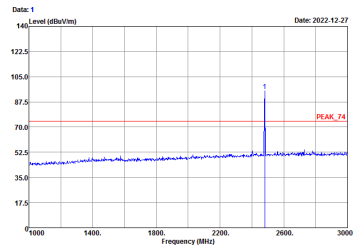
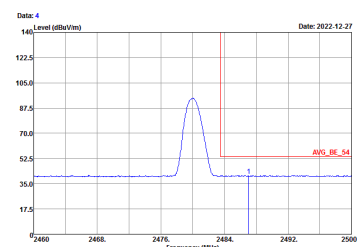
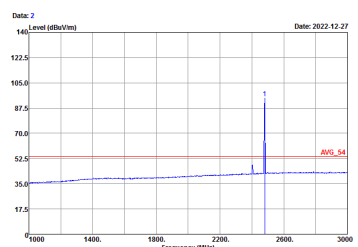
1Mbps:

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH04-SZ Condition : PEAK_BE_74 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 3000.000kHz Project : ZD0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>	<p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 3000.000kHz Project : ZD0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>
Avg.	<p>Site : 03CH04-SZ Condition : AVG_BE_54 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 3.000kHz Project : ZD0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>	<p>Site : 03CH04-SZ Condition : AVG_54 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 3.000kHz Project : ZD0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>

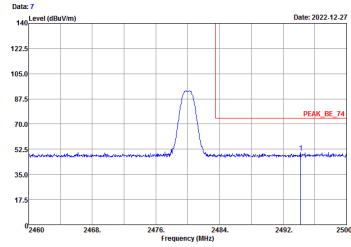
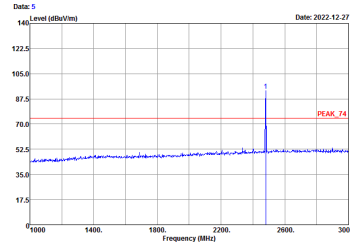
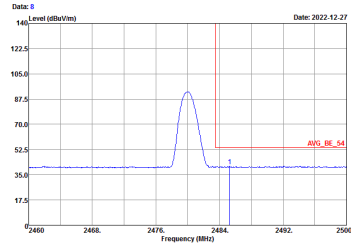
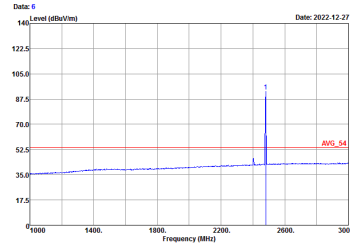


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
4	Vertical	Fundamental
Peak	<p>Date: 5 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_24_3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>	<p>Date: 7 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_F0_3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3000.000kHz Project : 2D0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>
Avg	<p>Date: 6 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_54_3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3.000kHz Project : 2D0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>	<p>Date: 8 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_F0_54_3m 91200-1474-2022 VERTICAL REBW: 1000.000kHz VBW: 3.000kHz Project : 2D0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
4	Horizontal	Fundamental
Peak	 <p>Date: 3 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>	 <p>Date: 1 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>
Avg.	 <p>Date: 4 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>	 <p>Date: 2 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 91200-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
4	Vertical	Fundamental
Peak	 <p>Date: 7 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 91200-1474-2022 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>	 <p>Date: 5 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 91200-1474-2022 VERTICAL REBW:1000.000kHz VBW:3000.000kHz Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>
Avg.	 <p>Date: 8 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 91200-1474-2022 VERTICAL REBW:1000.000kHz VBW:3.000kHz Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>	 <p>Date: 6 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 91200-1474-2022 VERTICAL REBW:1000.000kHz VBW:3.000kHz Project : 2D0913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories IM</p>

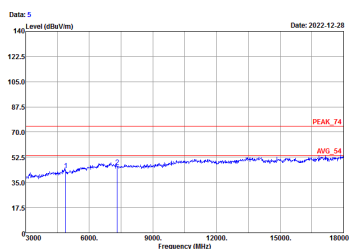
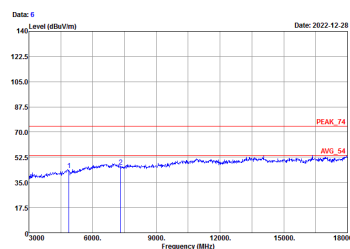


2.4GHz 2400~2483.5MHz

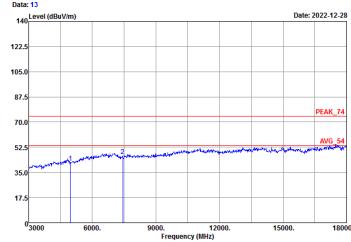
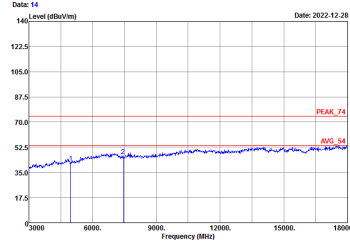
BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Date: 13 Date: 2022.12.28</p> <p>Site : 03CH04-SZ Condition : PEAK, 74 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>	<p>Date: 14 Date: 2022.12.28</p> <p>Site : 03CH04-SZ Condition : PEAK, 74 3m 9120D-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 13 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHz	
4	Horizontal	Vertical
Peak Avg.	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;">  <p style="font-size: small;">Date: 5 Level (dBuV/m) Date: 2022.12.28</p> <p style="font-size: x-small;">Site : 03C104-SZ Condition : PEAK_T4 3m 9120D-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 14 IMEI : 358041760025512/358041760025520 Plane : Xwith Accessories TM</p> </div> <div style="width: 45%;">  <p style="font-size: small;">Date: 6 Level (dBuV/m) Date: 2022.12.28</p> <p style="font-size: x-small;">Site : 03C104-SZ Condition : PEAK_T4 3m 9120D-1474-2022 VERTICAL Project : 202913 Mode : Mode 14 IMEI : 358041760025512/358041760025520 Plane : Xwith Accessories TM</p> </div> </div>	



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
4	Horizontal	Vertical
Peak	 <p>Site : 03C404-SZ Condition : PEAK_T4 3m 91200-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>	 <p>Site : 03C404-SZ Condition : PEAK_T4 3m 91200-1474-2022 VERTICAL Project : 202913 Mode : Mode 15 IMEI : 358041760025512/358041760025520 Plane : X with Accessories TM</p>



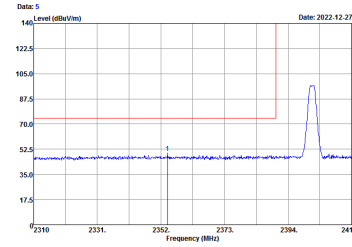
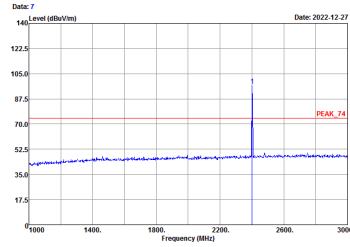
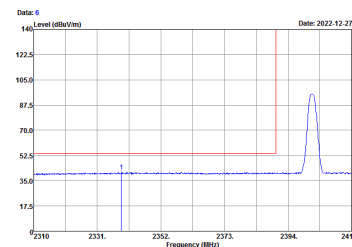
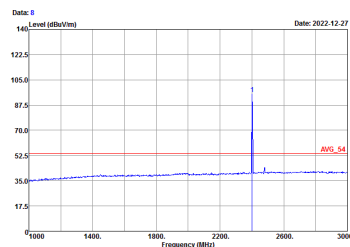
2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

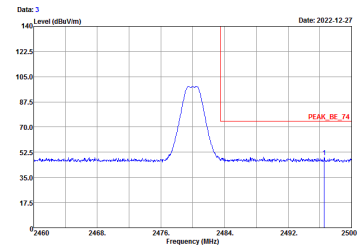
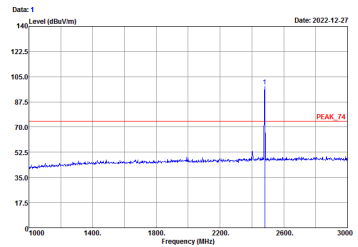
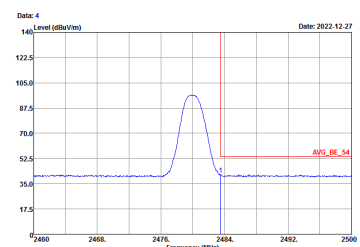
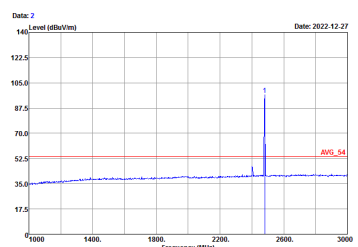
2Mbps:

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
4	Horizontal	Fundamental
Peak	<p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 3000.000kHz Project : 200913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>	<p>Site : 03CH04-SZ Condition : PEAK_74 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 3000.000kHz Project : 200913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>
Avg.	<p>Site : 03CH04-SZ Condition : AVG_54 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 10.000kHz Project : 200913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>	<p>Site : 03CH04-SZ Condition : AVG_54 3m 91200:1474-2022 HORIZONTAL REW: 1000.000kHz VBW: 10.000kHz Project : 200913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>

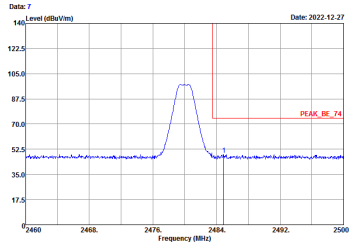
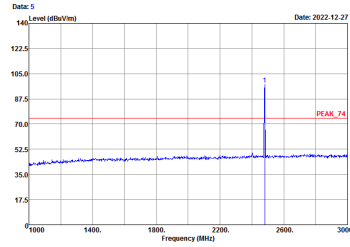
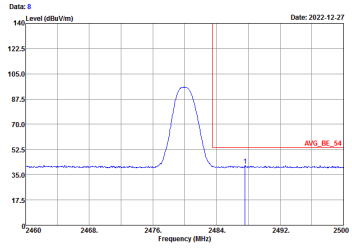
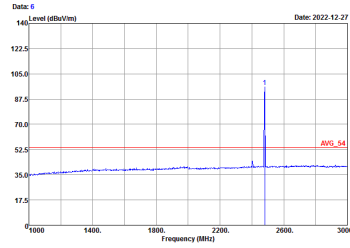


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH00 2402MHz	
4	Vertical	Fundamental
Peak	 <p>Date: 5 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_24_3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : 2M</p>	 <p>Date: 7 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_F0_3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : 2M</p>
Avg	 <p>Date: 6 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_54_3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : 2M</p>	 <p>Date: 8 Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_F0_54_3m 91200-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : 2M</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
4	Horizontal	Fundamental
Peak	 <p>Date: 3 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>	 <p>Date: 1 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>
Avg.	 <p>Date: 4 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>	 <p>Date: 2 Level (dBuV/m) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories ZM</p>

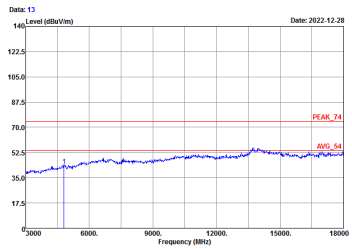
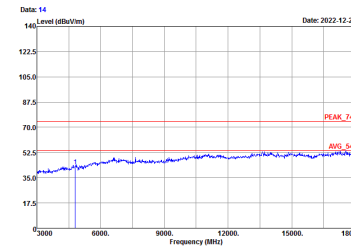


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH39 2480MHz	
4	Vertical	Fundamental
Peak	 <p>Date: 7 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_BE_T4 3m 91200-1474-2022 VERTICAL : REW:1000.000kHz VBW:3000.000kHz Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : ZM</p>	 <p>Date: 5 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : PEAK_T4 3m 91200-1474-2022 VERTICAL : REW:1000.000kHz VBW:3000.000kHz Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : ZM</p>
Avg.	 <p>Date: 8 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_BE_S4 3m 91200-1474-2022 VERTICAL : REW:1000.000kHz VBW:10.000kHz Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : ZM</p>	 <p>Date: 6 Level (dBm/Vm) Date: 2022-12-27</p> <p>Site : 03CH04-SZ Condition : AVG_S4 3m 91200-1474-2022 VERTICAL : REW:1000.000kHz VBW:10.000kHz Project : 2D0913 Mode : Mode 18 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : ZM</p>

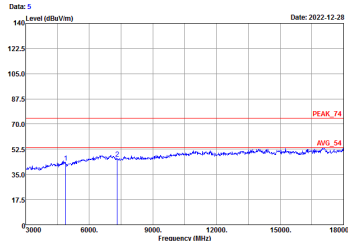
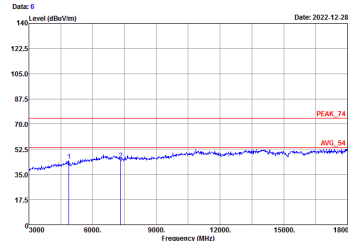


2.4GHz 2400~2483.5MHz

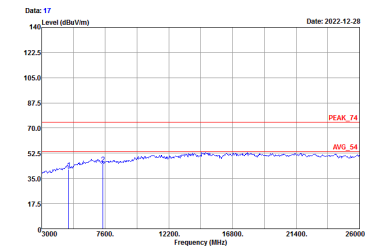
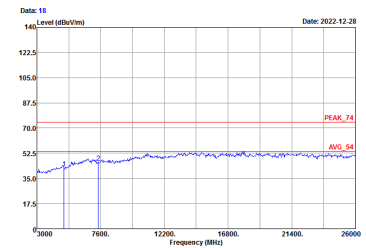
BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH00 2402MHz	
4	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH04-SZ Condition : PEAK, 74 3m 9120D-1474-2022 HORIZONTAL Project : 2D0913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : 2M</p>	 <p>Site : 03CH04-SZ Condition : PEAK, 74 3m 9120D-1474-2022 VERTICAL Project : 2D0913 Mode : Mode 16 IMEI : 358041760025512/358041760025520 Plane : X with Accessories : 2M</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH19 2440MHz	
4	Horizontal	Vertical
Peak Avg.	 <p>Site : 03C104-SZ Condition : PEAK_T4 3m 91200-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 17 IMEI : 358041760025512/358041760025520 Plane : Xwith Accessories : 2M</p>	 <p>Site : 03C104-SZ Condition : PEAK_T4 3m 91200-1474-2022 VERTICAL Project : 202913 Mode : Mode 17 IMEI : 358041760025512/358041760025520 Plane : Xwith Accessories : 2M</p>

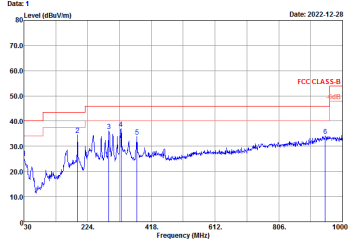
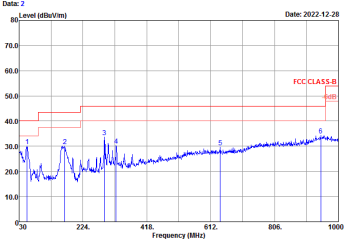


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH39 2480MHz	
4	Horizontal	Vertical
Peak	 <p>Site : 03C404-SZ Condition : PEAK_T4 3m 91200-1474-2022 HORIZONTAL Project : 202913 Mode : Mode 1B IMEI : 358041760025512/358041760025520 Plane : Xwith Accessories ZM</p>	 <p>Site : 03C404-SZ Condition : PEAK_T4 3m 91200-1474-2022 VERTICAL Project : 202913 Mode : Mode 1B IMEI : 358041760025512/358041760025520 Plane : Xwith Accessories ZM</p>



Emission below 1GHz

2.4GHz BLE (LF)

BLE	2.4GHz 2400~2483.5MHz	
ANT	BLE LF	
4	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH04-SZ Condition : FCC CLASS-B 3m LF_ANT_41909_22 HORIZONTAL Project : 200913 Mode : Mode 38 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories : 2M</p>	 <p>Site : 03CH04-SZ Condition : FCC CLASS-B 3m LF_ANT_41909_22 VERTICAL Project : 200913 Mode : Mode 38 IMEI : 358041760025512/358041760025520 Plane : Z with Accessories : 2M</p>



Appendix E. Duty Cycle Plots

Ant 4:

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
Bluetooth LE 1Mbps	62.04	0.388	2.575	3KHz
Bluetooth LE 2Mbps	32.41	0.203	4.929	10KHZ

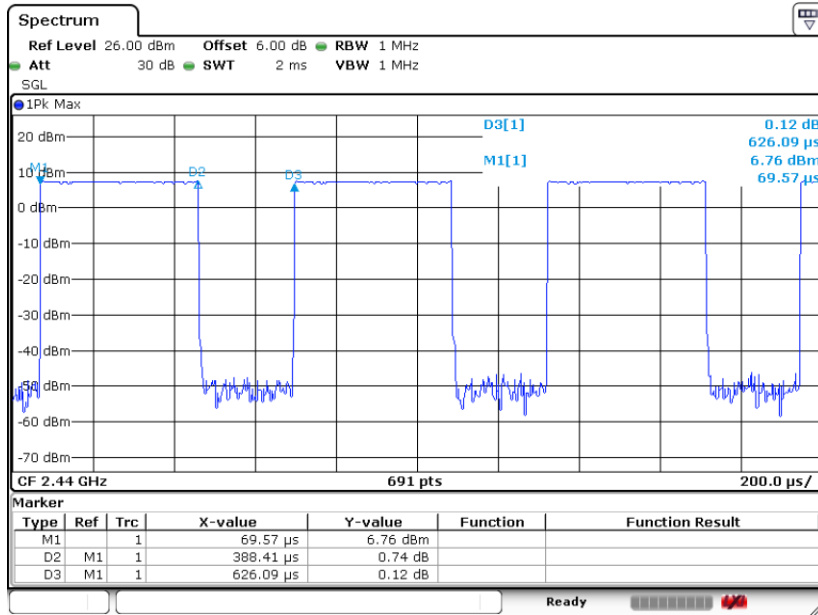
Ant 5:

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
Bluetooth LE 1Mbps	61.95	0.387	2.584	3KHz
Bluetooth LE 2Mbps	32.56	0.204	4.894	10KHZ

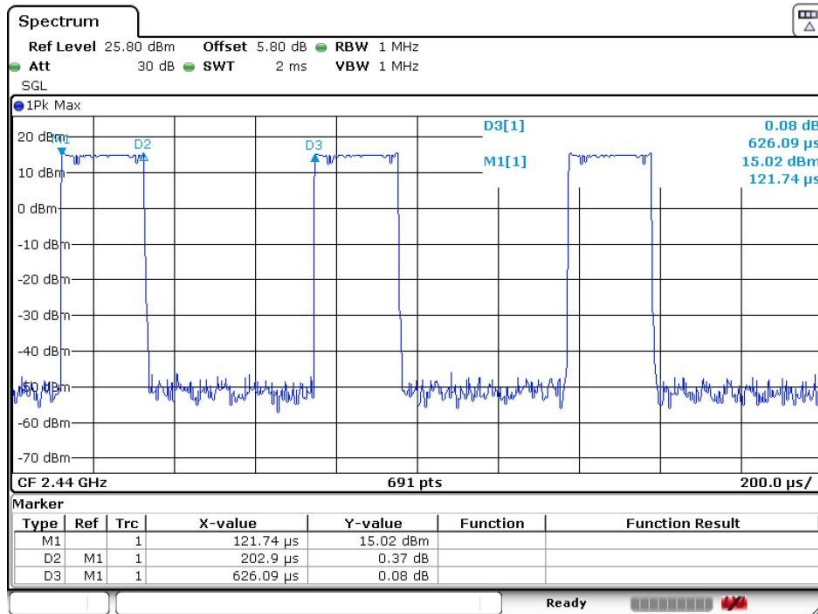


Ant 4:

Bluetooth LE 1Mbps



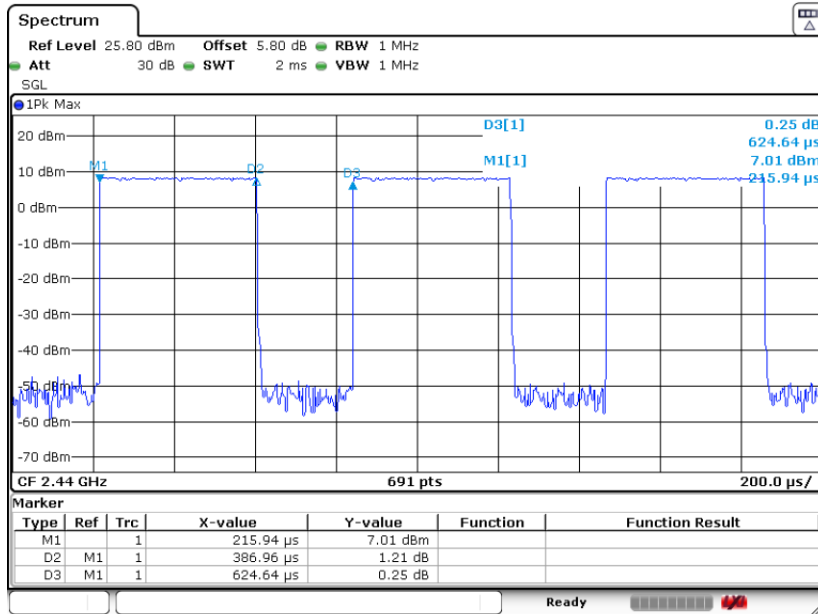
Bluetooth LE 2Mbps





Ant 5:

Bluetooth LE 1Mbps



Bluetooth LE 2Mbps

