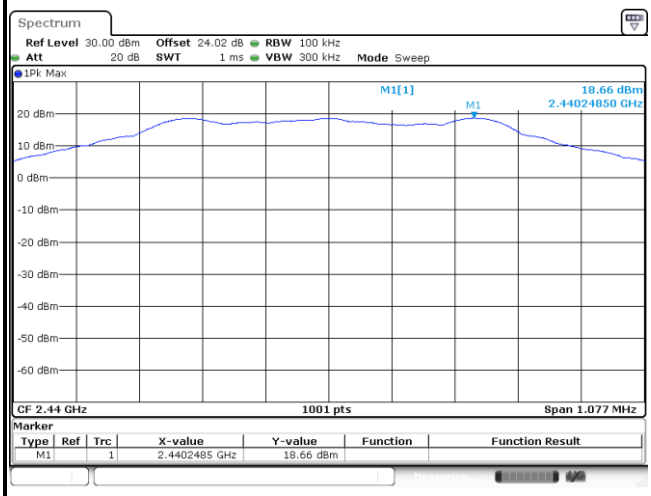
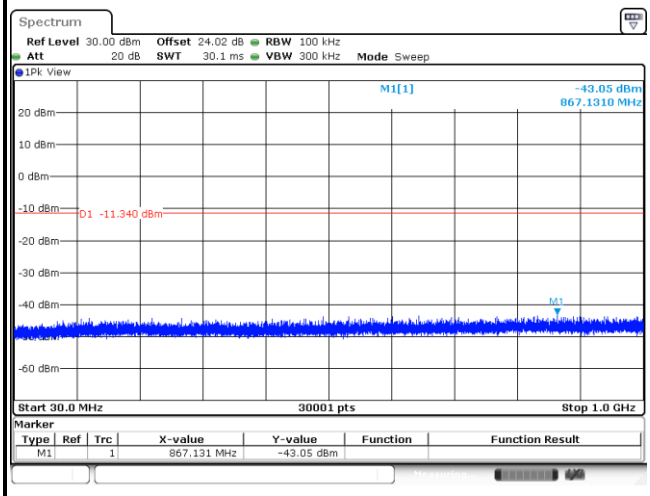
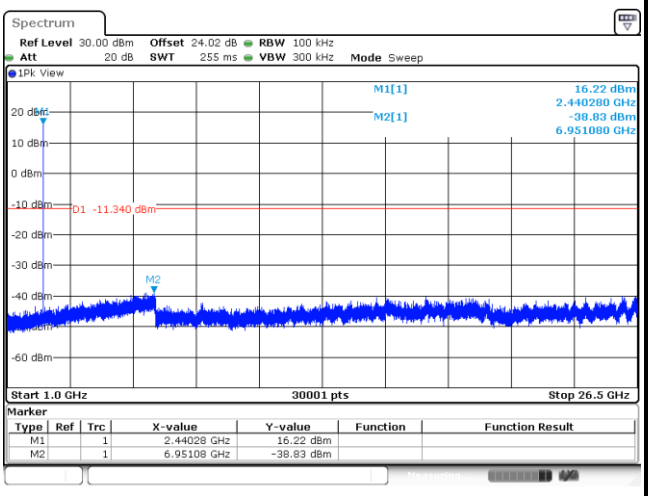
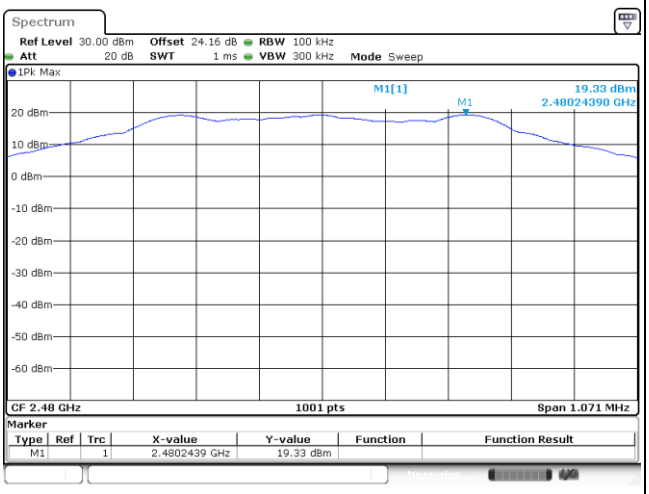
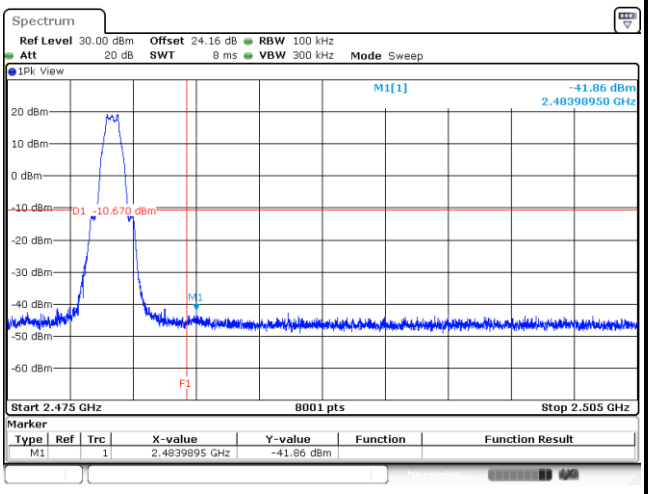
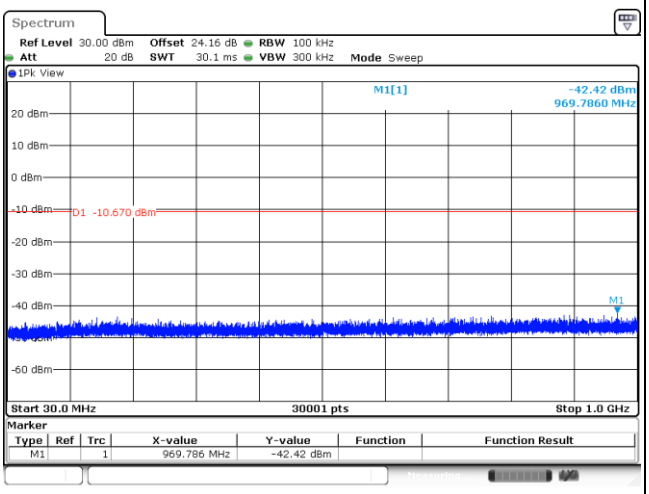
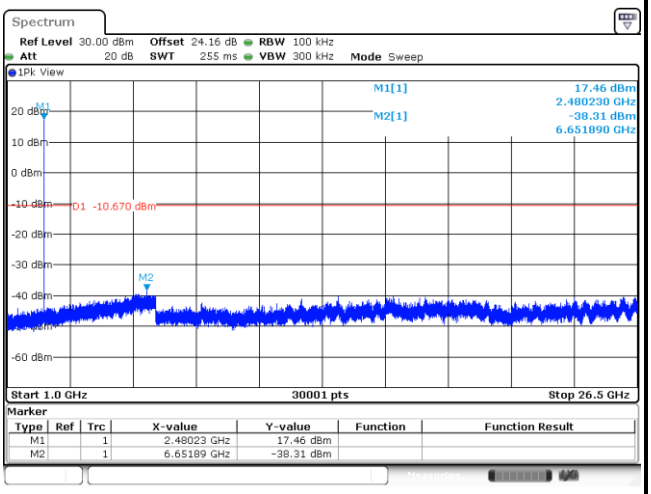
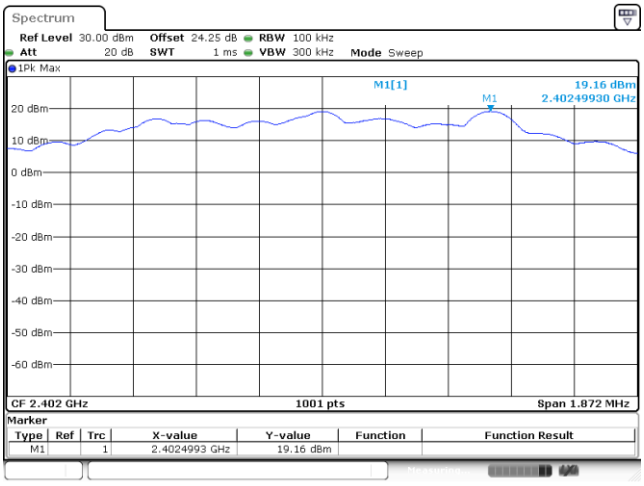
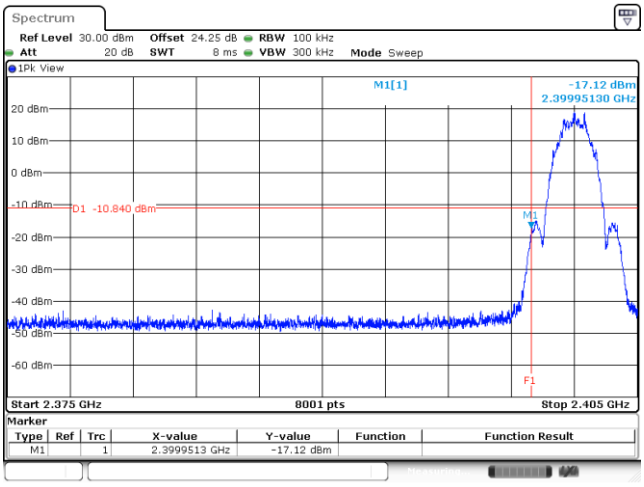
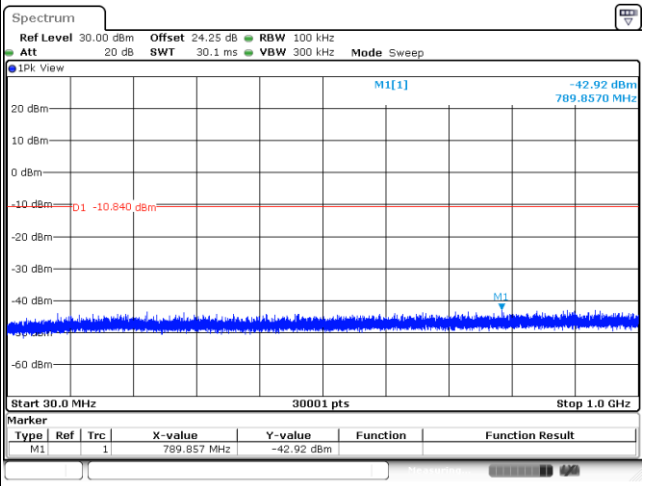
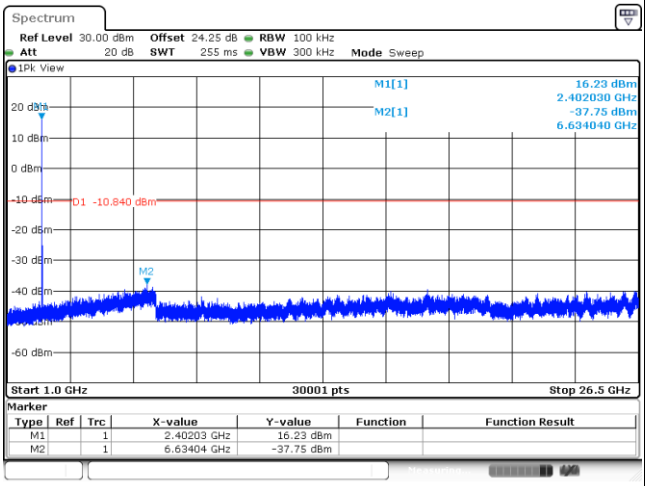
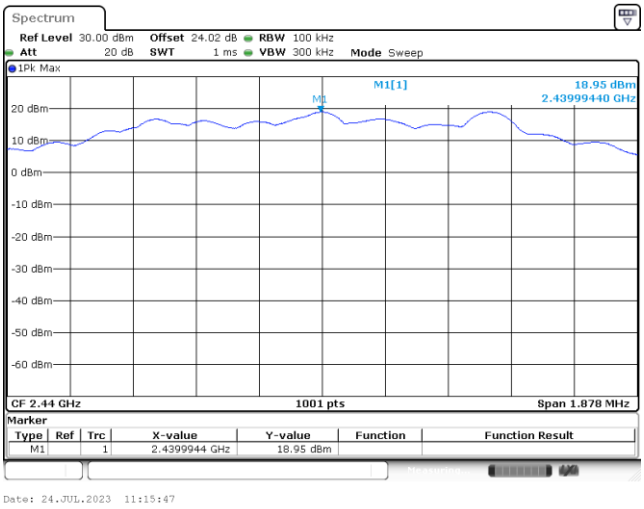
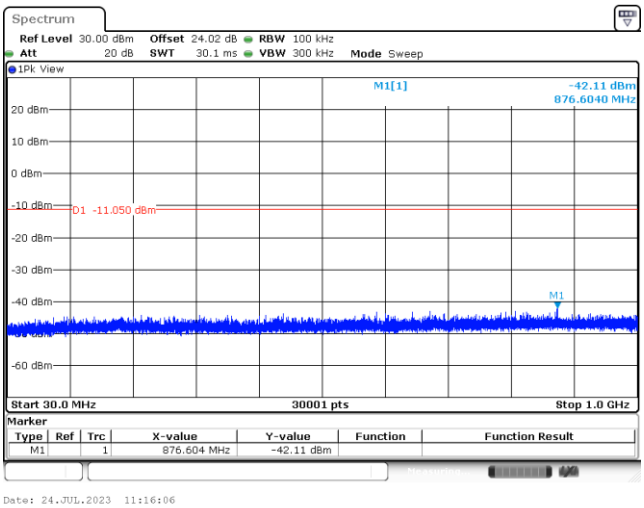
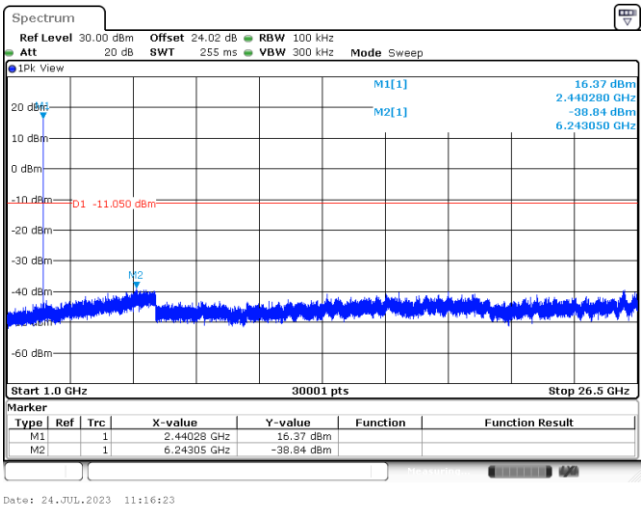
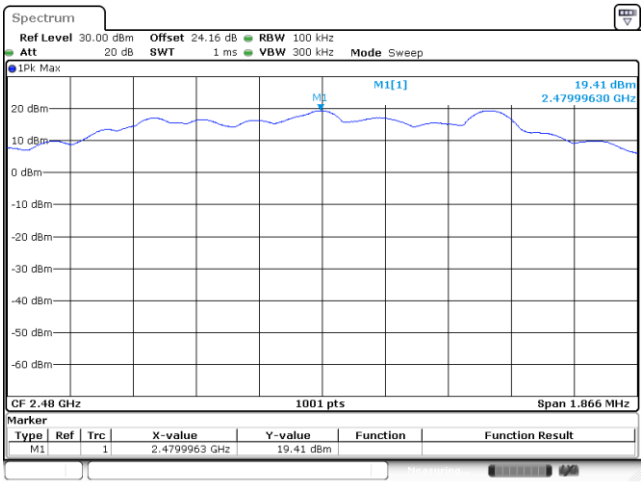
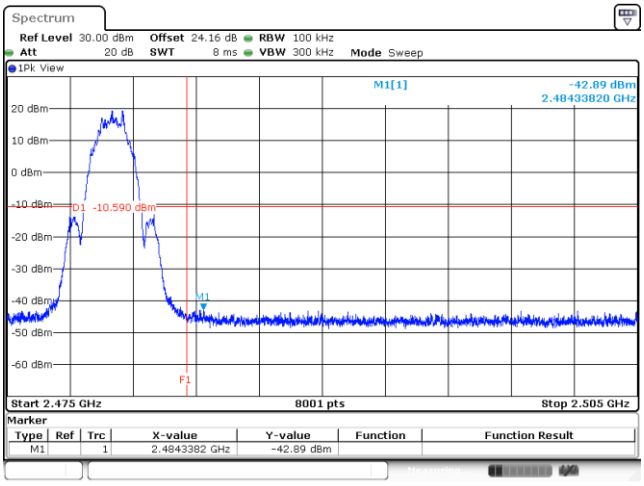
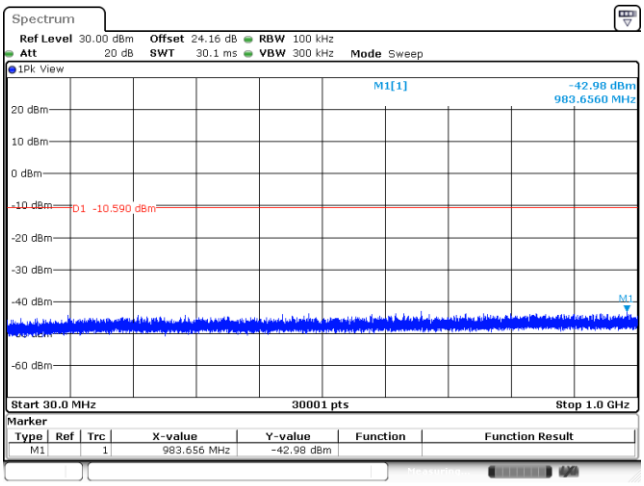
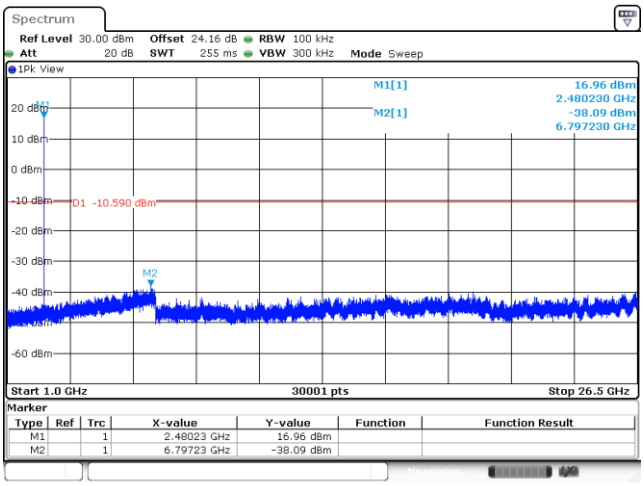
<1Mbps> Channel 19	
100kHz PSD reference Level Plot	**Mid Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

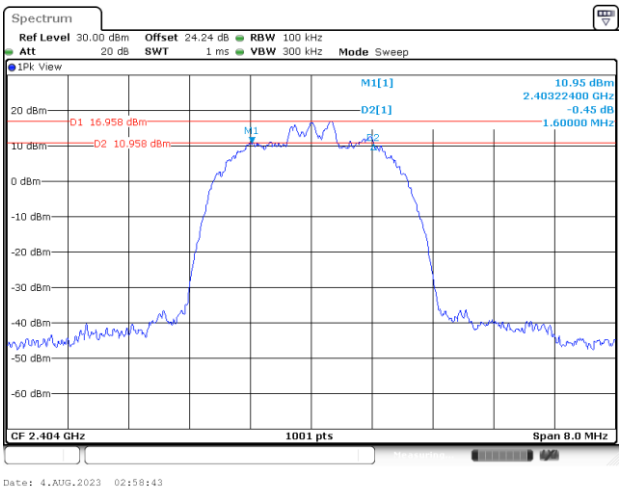
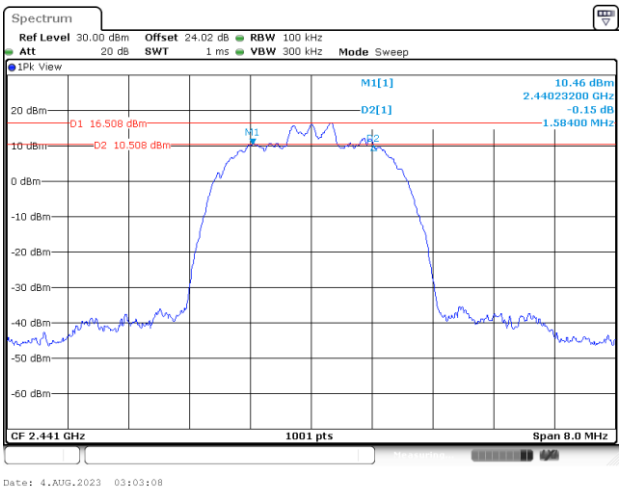
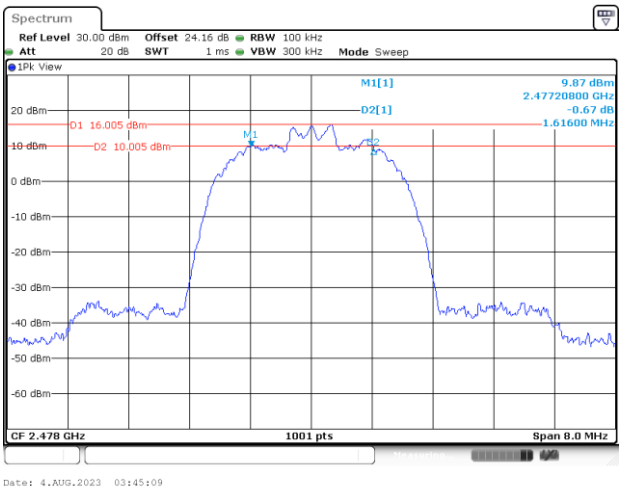
<1Mbps> Channel 39	
100kHz PSD reference Level Plot	**High Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

<2Mbps> Channel 00	
100kHz PSD reference Level Plot	**Low Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

<2Mbps> Channel 19	
100kHz PSD reference Level Plot	**Mid Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

<2Mbps> Channel 39	
100kHz PSD reference Level Plot	**High Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

6dB Bandwidth

<HR 4Mbps>	
6 dB Bandwidth Plot on Channel 02	**6 dB Bandwidth Plot on Channel 39**
	
6 dB Bandwidth Plot on Channel 76	
	

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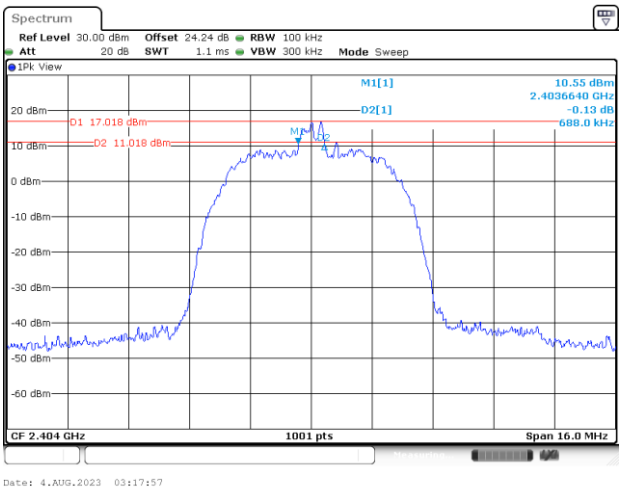
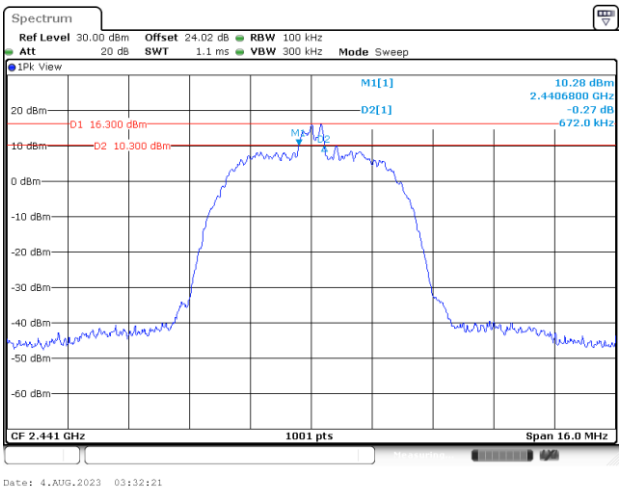
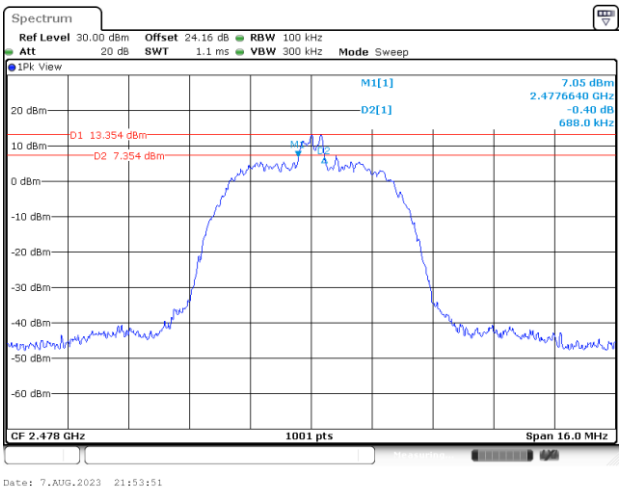
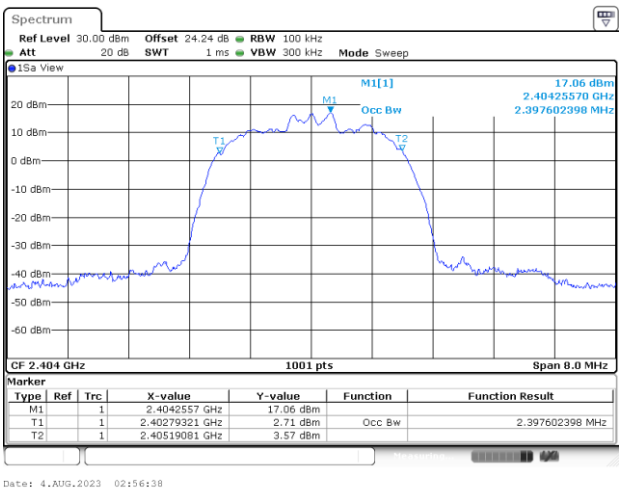
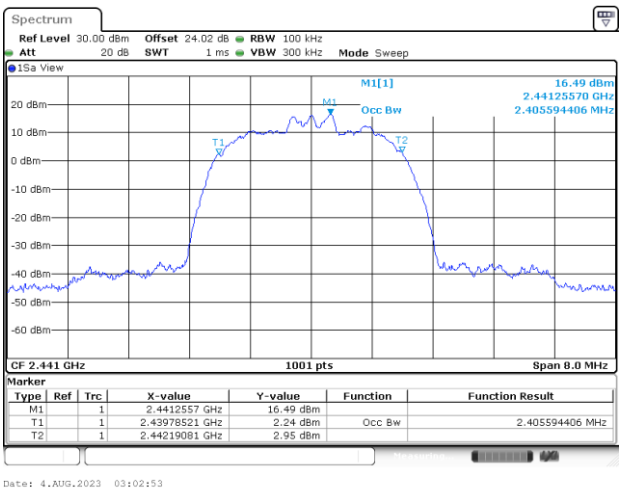
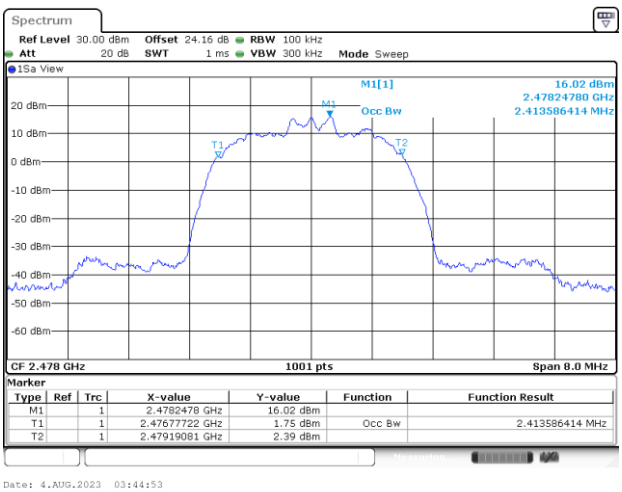
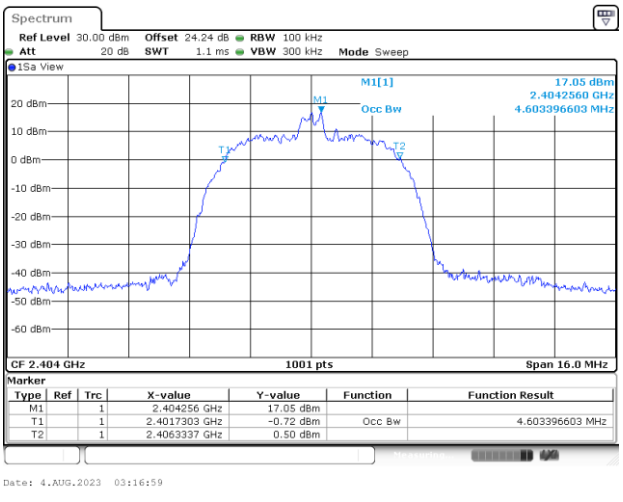
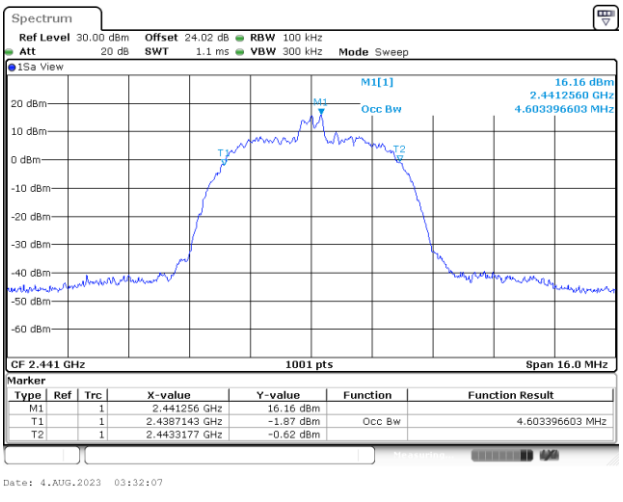
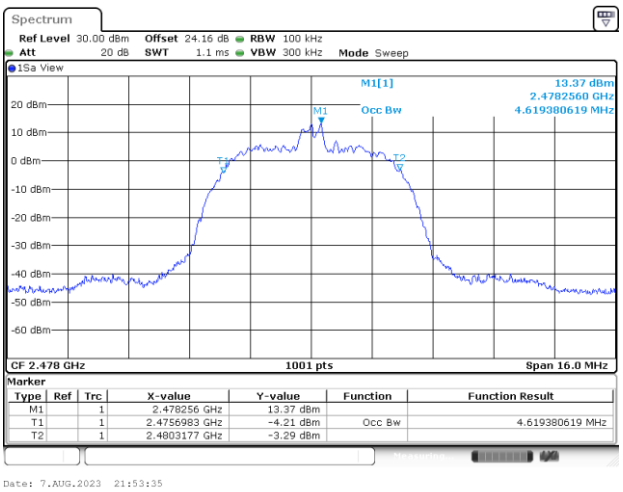
6 dB Bandwidth Plot on Channel 02	**6 dB Bandwidth Plot on Channel 39**
	
6 dB Bandwidth Plot on Channel 76	
	

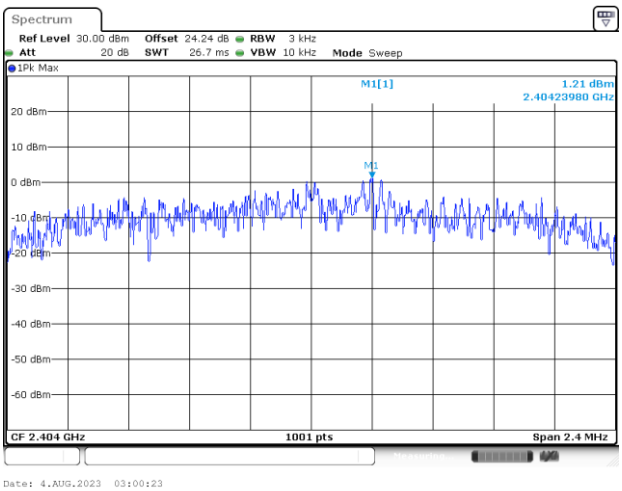
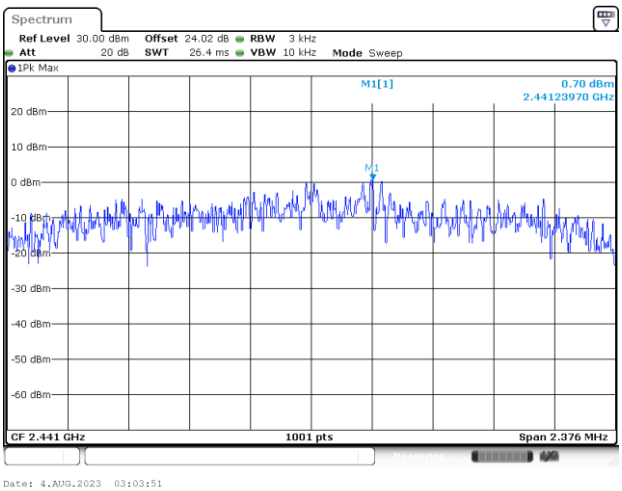
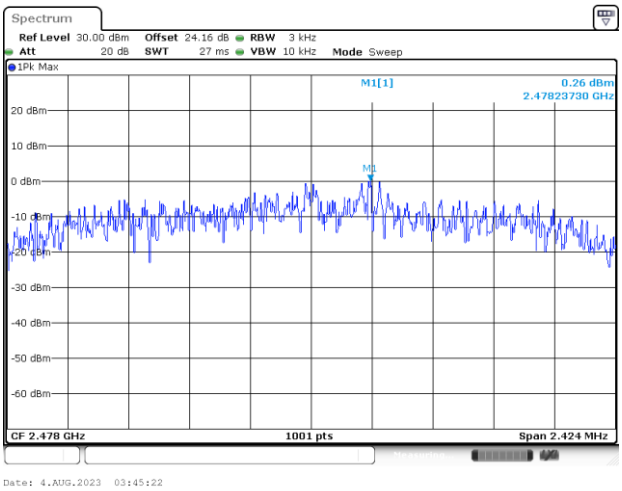
99% Occupied Bandwidth

< HR 4Mbps >	
99% Occupied Bandwidth Plot on Channel 02	**99% Occupied Plot Bandwidth on Channel 39**
	
99% Occupied Bandwidth Plot on Channel 76	
	

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

< HR 8Mbps >	
99% Occupied Bandwidth Plot on Channel 02	**99% Occupied Plot Bandwidth on Channel 39**
	
99% Occupied Bandwidth Plot on Channel 76	
	

Power Spectral Density (dBm/3kHz)

< HR 4Mbps >	
Power Density (dBm/3kHz) Plot Channel 02	**Power Density (dBm/3kHz) Plot Channel 39**
	
Power Density (dBm/3kHz) Plot Channel 76	
	

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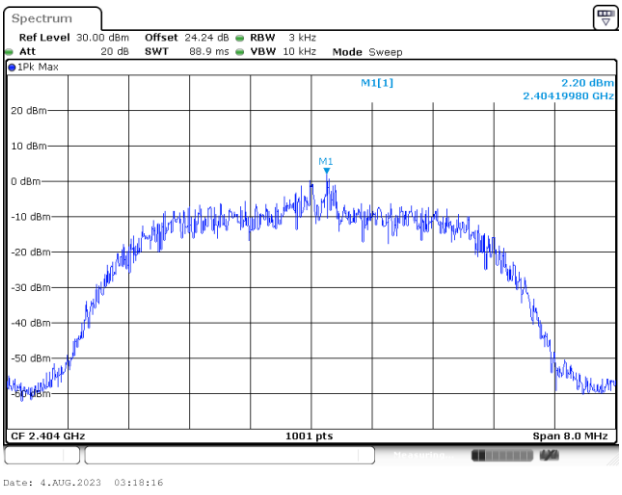
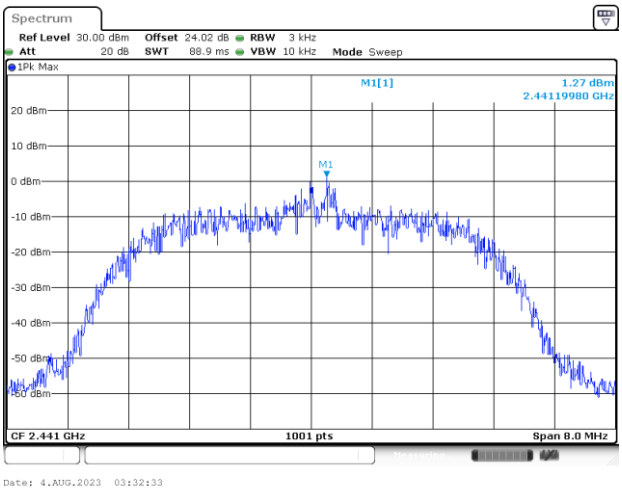
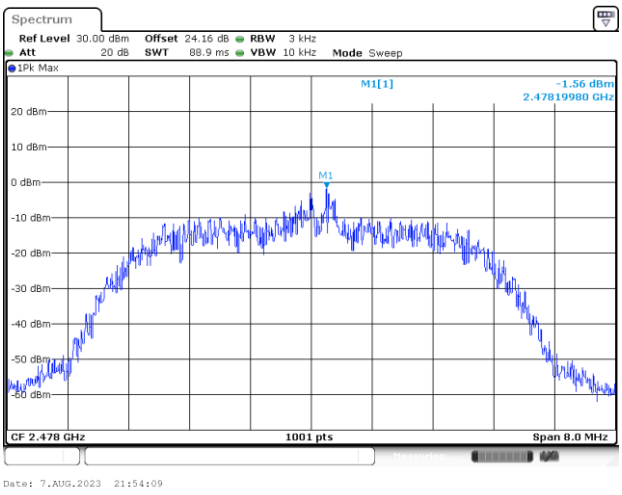
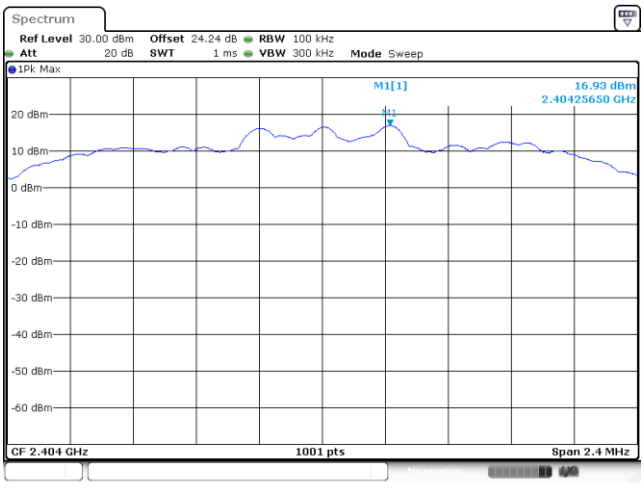
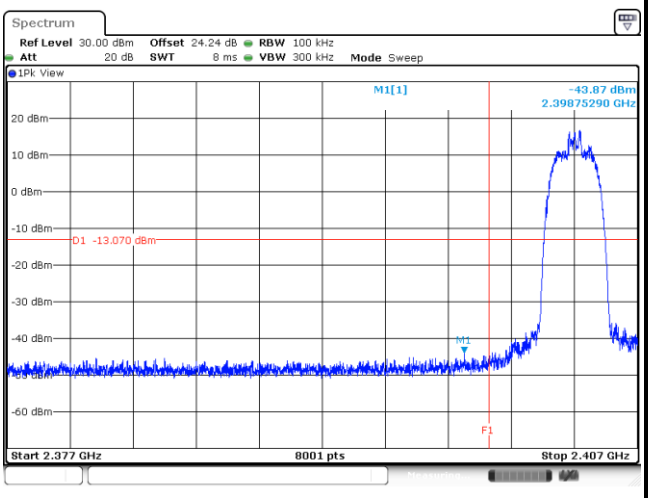
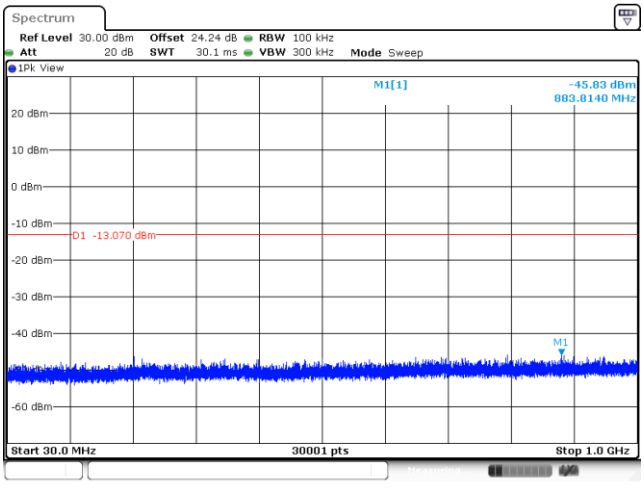
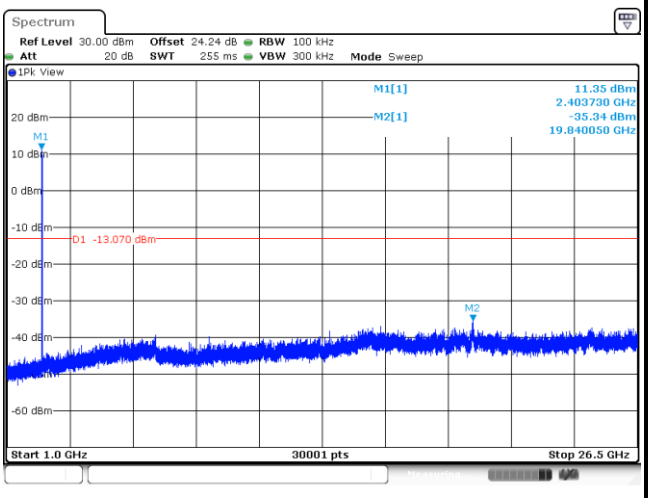
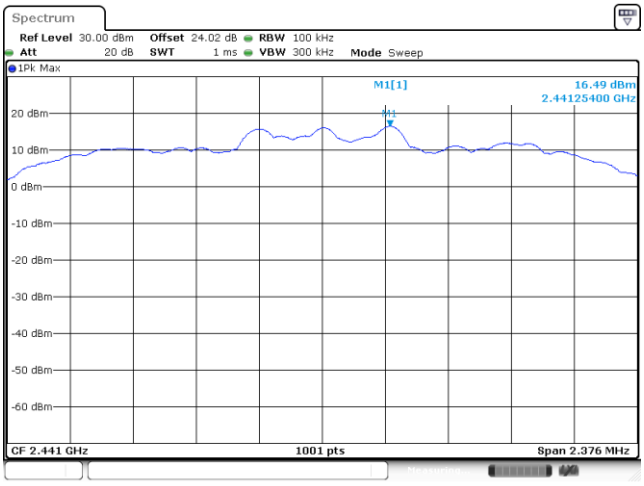
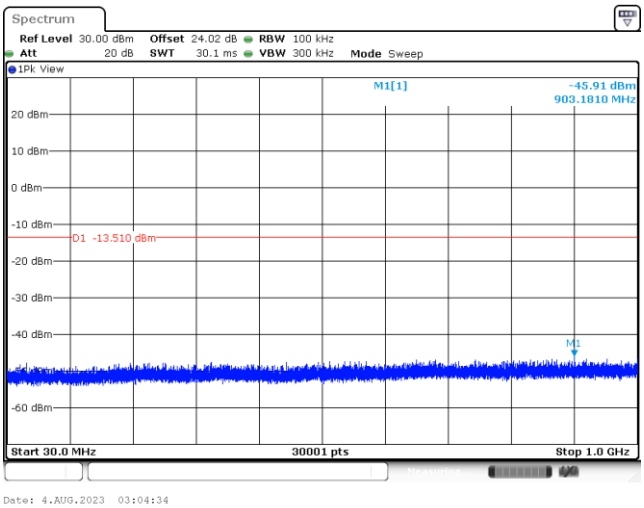
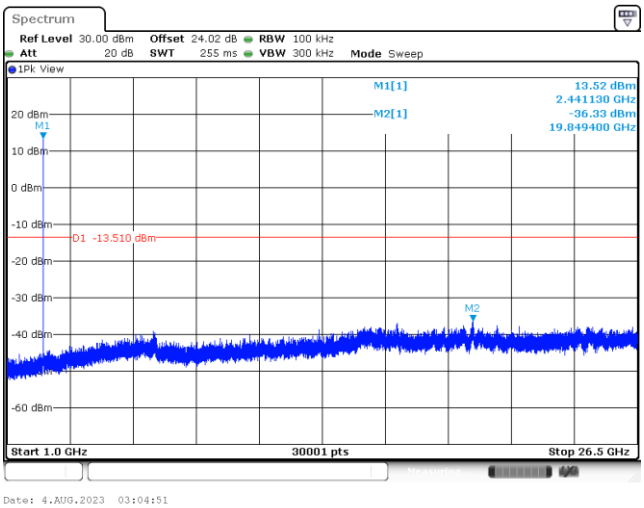
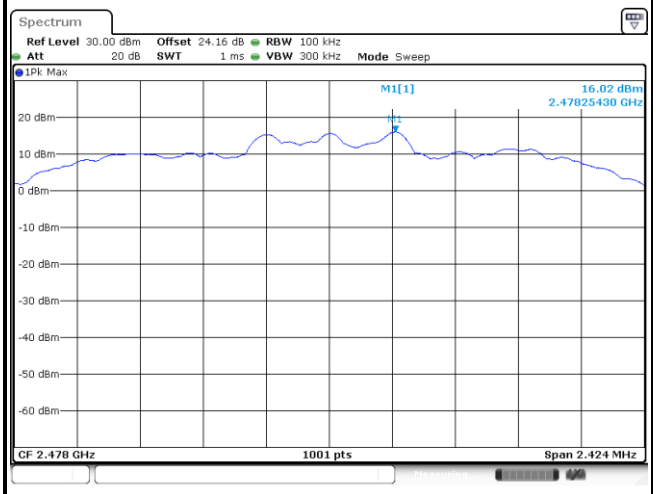
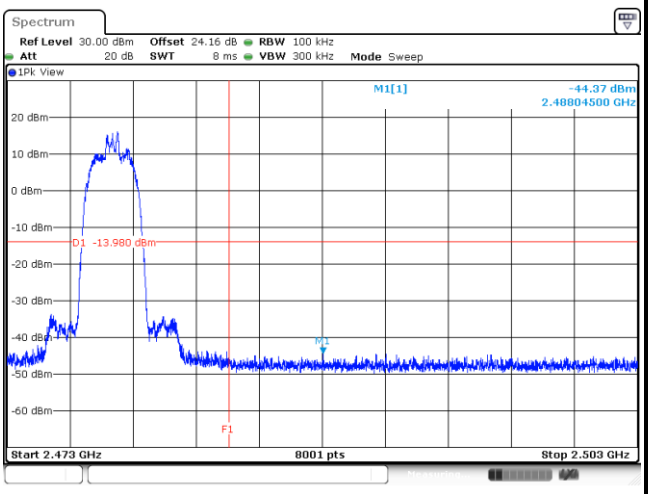
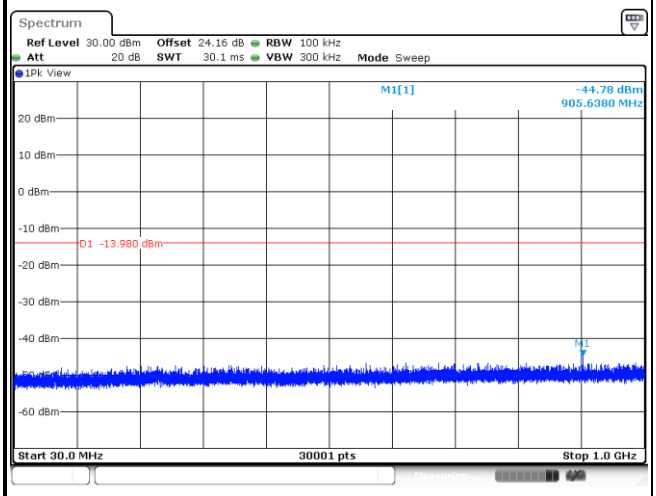
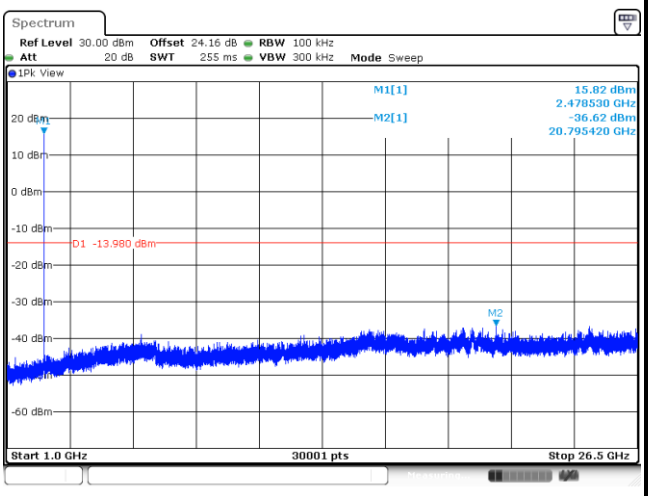
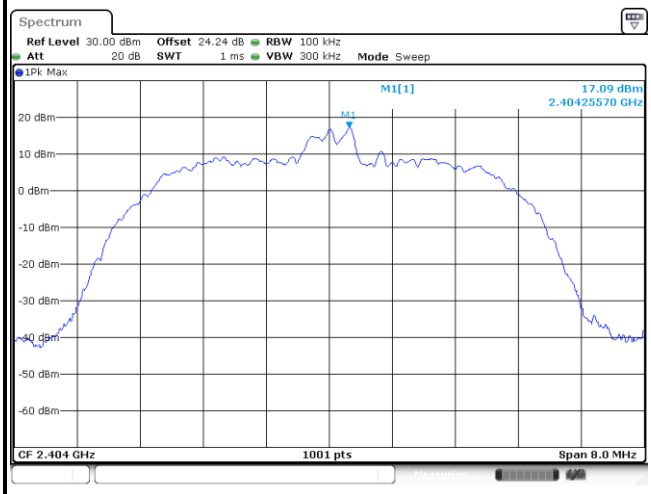
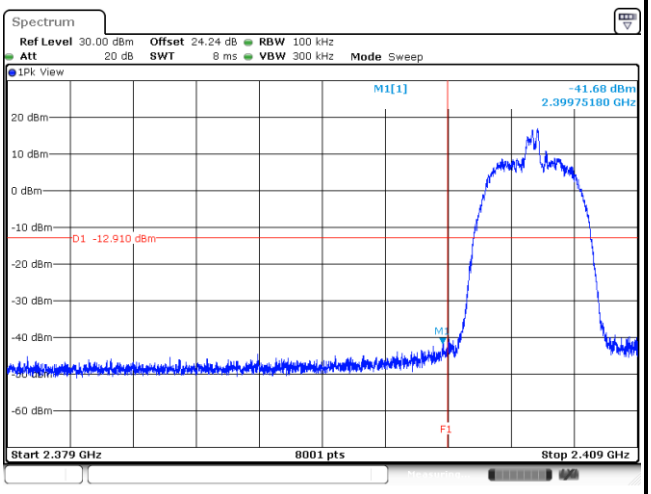
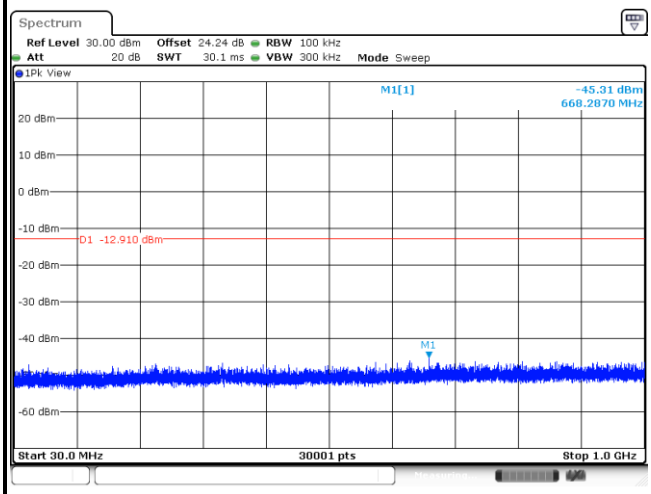
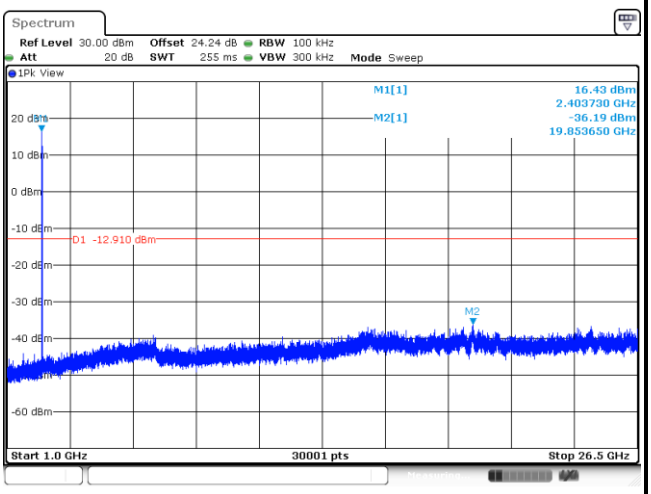
Power Density (dBm/3kHz) Plot Channel 02	**Power Density (dBm/3kHz) Plot Channel 39**
	
Power Density (dBm/3kHz) Plot Channel 76	
	

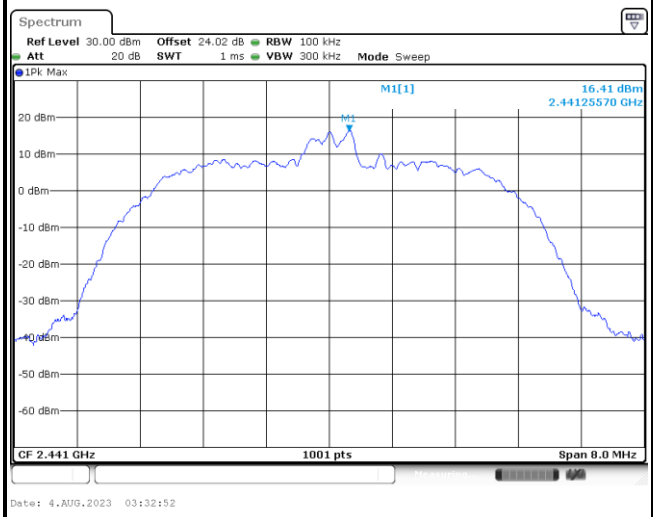
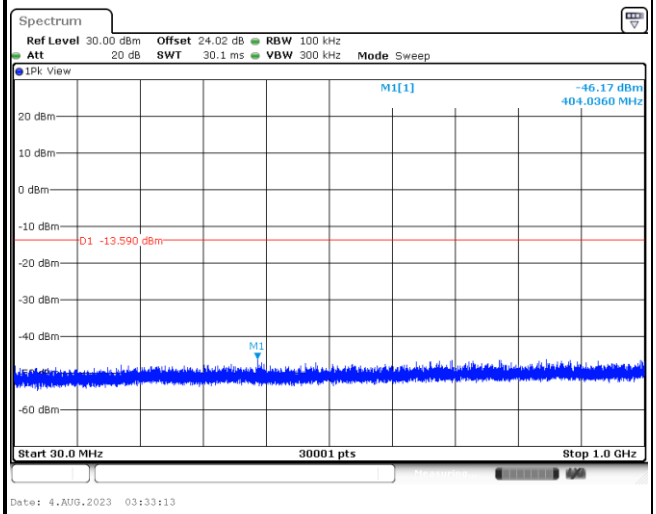
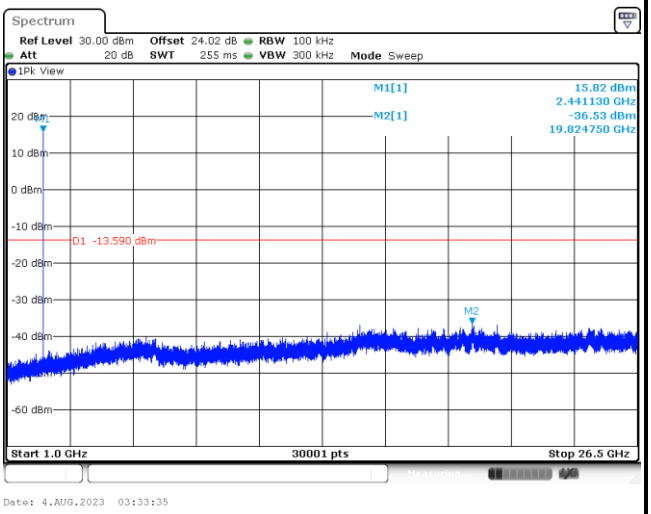
Band Edge and Spurious Emission

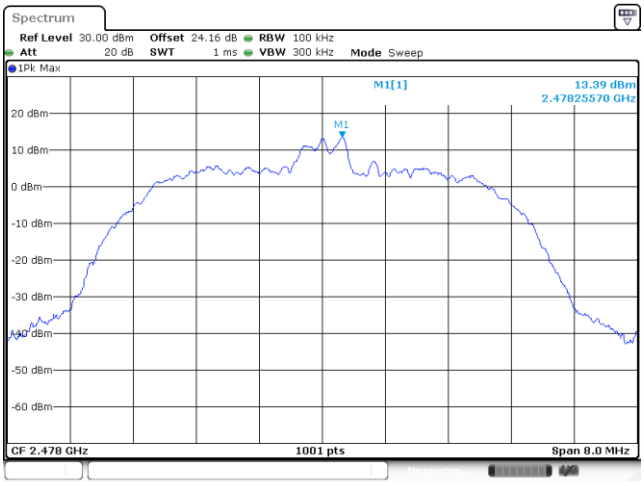
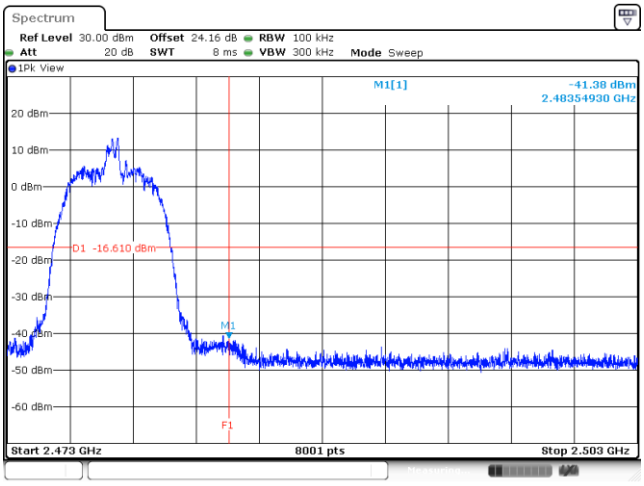
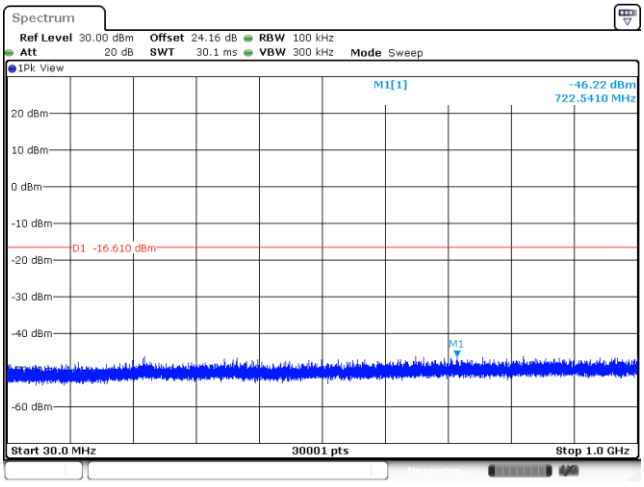
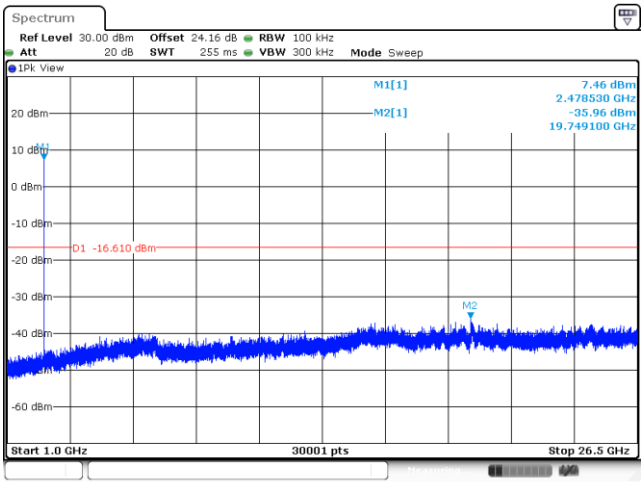
< HR 4Mbps > Channel 02	
100kHz PSD reference Level Plot	**Low Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

< HR 4Mbps > Channel 39	
100kHz PSD reference Level Plot	**Mid Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

< HR 4Mbps > Channel 76	
100kHz PSD reference Level Plot	**High Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

< HR 8Mbps > Channel 02	
100kHz PSD reference Level Plot	**Low Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

< HR 8Mbps > Channel 39	
100kHz PSD reference Level Plot	**Mid Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

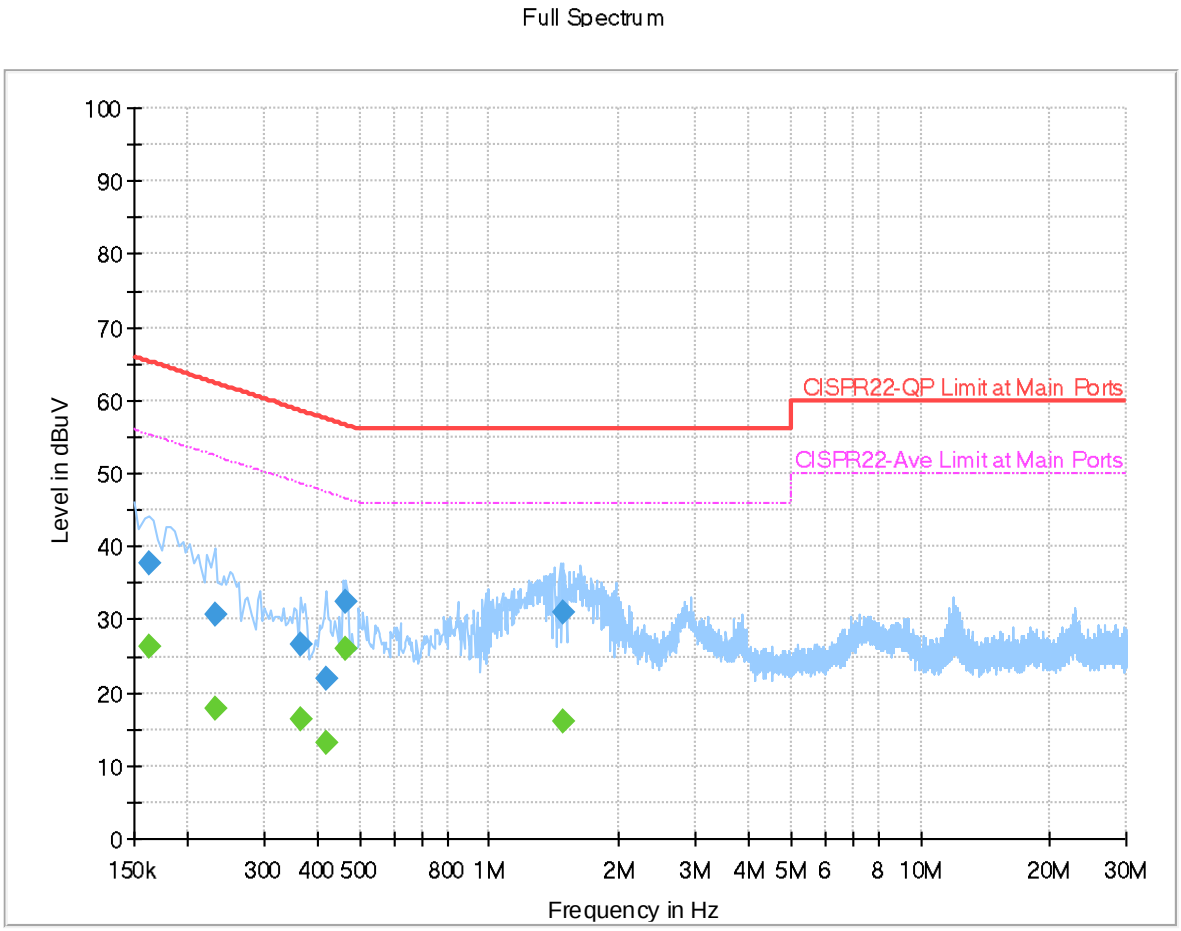
< HR 8Mbps > Channel 76	
100kHz PSD reference Level Plot	**High Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	23.4~26.7℃
		Relative Humidity :	62.3~67.1%

EUT Information

Report NO :	380306
Test Mode :	Mode 1
Test Voltage :	110Vac/60Hz
Phase :	Line



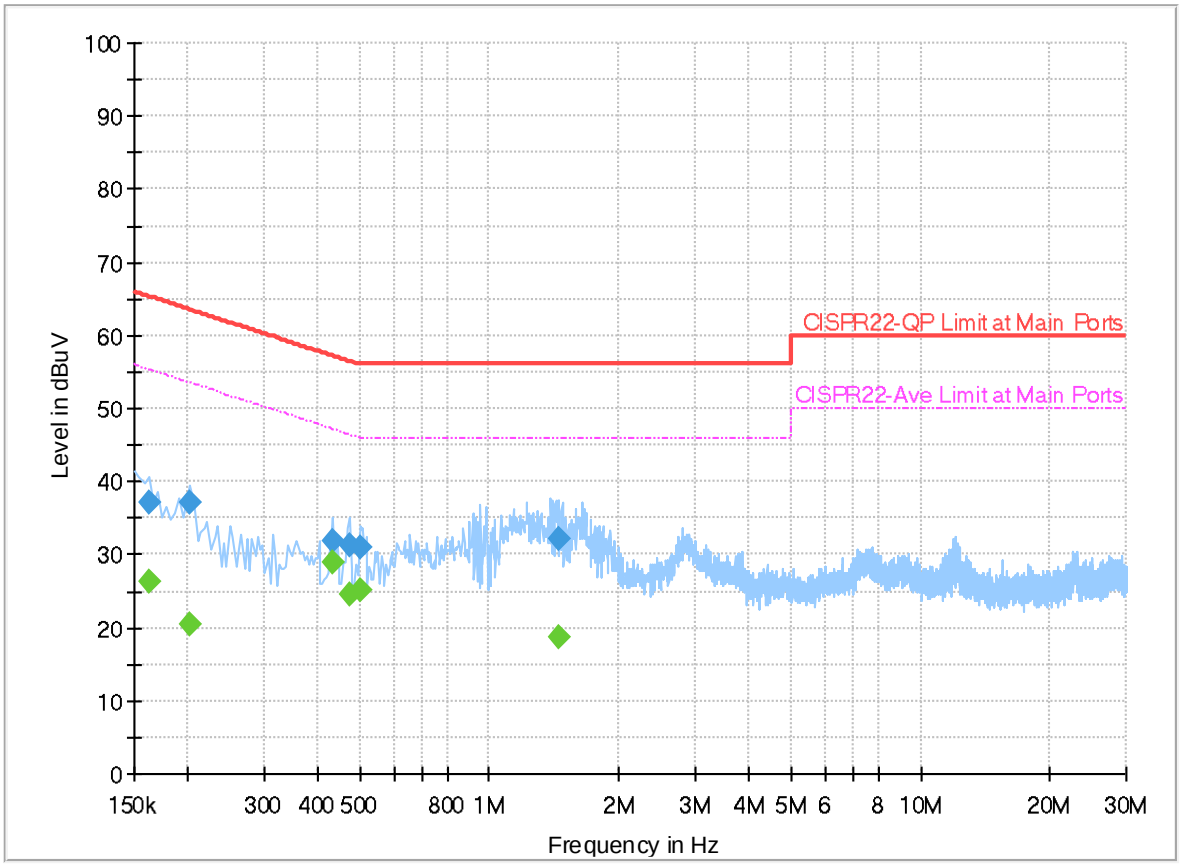
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162000	---	26.30	55.36	29.06	L1	OFF	19.9
0.162000	37.83	---	65.36	27.53	L1	OFF	19.9
0.230000	---	17.71	52.45	34.74	L1	OFF	19.9
0.230000	30.65	---	62.45	31.80	L1	OFF	19.9
0.366000	---	16.49	48.59	32.10	L1	OFF	19.9
0.366000	26.61	---	58.59	31.98	L1	OFF	19.9
0.418000	---	13.15	47.49	34.34	L1	OFF	20.0
0.418000	22.01	---	57.49	35.48	L1	OFF	20.0
0.466000	---	25.96	46.59	20.63	L1	OFF	20.0
0.466000	32.58	---	56.59	24.01	L1	OFF	20.0
1.474000	---	16.11	46.00	29.89	L1	OFF	20.0
1.474000	30.99	---	56.00	25.01	L1	OFF	20.0

EUT Information

Report NO :	380306
Test Mode :	Mode 1
Test Voltage :	110Vac/60Hz
Phase :	Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.162000	---	26.22	55.36	29.14	N	OFF	19.9
0.162000	37.12	---	65.36	28.24	N	OFF	19.9
0.202000	---	20.38	53.53	33.15	N	OFF	19.9
0.202000	37.10	---	63.53	26.43	N	OFF	19.9
0.434000	---	29.07	47.18	18.11	N	OFF	20.0
0.434000	31.96	---	57.18	25.22	N	OFF	20.0
0.474000	---	24.55	46.44	21.89	N	OFF	20.0
0.474000	31.19	---	56.44	25.25	N	OFF	20.0
0.502000	---	25.05	46.00	20.95	N	OFF	20.0
0.502000	30.94	---	56.00	25.06	N	OFF	20.0
1.446000	---	18.75	46.00	27.25	N	OFF	20.0
1.446000	32.22	---	56.00	23.78	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Bank Lin and Lu Wen-Kai	Temperature :	20~25°C
		Relative Humidity :	55~65%

<1Mbps>

<Ant. 3>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 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)
BLE CH 00 2402MHz		2316.72	50.71	-23.29	74	37.22	27.07	18.84	32.42	101	308	P	H
		2375.1	41.29	-12.71	54	27.8	27	18.95	32.46	101	308	A	H
	*	2402	112.08	-	-	98.55	27	19	32.47	101	308	P	H
	*	2402	110.97	-	-	97.44	27	19	32.47	101	308	A	H
													H
		2369.115	50.94	-23.06	74	37.45	27	18.94	32.45	398	123	P	V
		2343.39	41.24	-12.76	54	27.78	27	18.89	32.43	398	123	A	V
	*	2402	106.97	-	-	93.44	27	19	32.47	398	123	P	V
	*	2402	106.31	-	-	92.78	27	19	32.47	398	123	A	V
													V
BLE CH 19 2440MHz		2386.32	51.44	-22.56	74	37.99	26.94	18.97	32.46	135	253	P	H
		2384.72	41.23	-12.77	54	27.77	26.95	18.97	32.46	135	253	A	H
	*	2440	114.16	-	-	100.78	26.8	19.08	32.5	135	253	P	H
	*	2440	113.38	-	-	100	26.8	19.08	32.5	135	253	A	H
		2498.8	50.48	-23.52	74	36.84	26.99	19.19	32.54	135	253	P	H
		2495.68	41.62	-12.38	54	28.01	26.96	19.19	32.54	135	253	A	H
		2385.52	50.8	-23.2	74	37.35	26.94	18.97	32.46	307	78	P	V
		2372.56	41.46	-12.54	54	27.96	27	18.95	32.45	307	78	A	V
	*	2440	109.35	-	-	95.97	26.8	19.08	32.5	307	78	P	V
	*	2440	108.73	-	-	95.35	26.8	19.08	32.5	307	78	A	V
		2499.04	50.83	-23.17	74	37.19	26.99	19.19	32.54	307	78	P	V
		2497.84	41.54	-12.46	54	27.91	26.98	19.19	32.54	307	78	A	V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz	*	2480	116.07	-	-	102.54	26.9	19.16	32.53	122	260	P	H
	*	2480	115.41	-	-	101.88	26.9	19.16	32.53	122	260	A	H
		2484.4	56.91	-17.09	74	43.38	26.9	19.16	32.53	122	260	P	H
		2484.32	47.81	-6.19	54	34.28	26.9	19.16	32.53	122	260	A	H
													H
													H
	*	2480	110.6	-	-	97.07	26.9	19.16	32.53	297	78	P	V
	*	2480	109.93	-	-	96.4	26.9	19.16	32.53	297	78	A	V
		2484.24	52.92	-21.08	74	39.39	26.9	19.16	32.53	297	78	P	V
		2484.12	44.42	-9.58	54	30.89	26.9	19.16	32.53	297	78	A	V
													V
													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 (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	45.54	-28.46	74	32.3	32.32	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	45.63	-28.37	74	32.39	32.32	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4880	46.83	-27.17	74	33.38	32.56	14.46	33.57	-	-	P	H
		7320	50.53	-23.47	74	32.4	37.5	16.58	35.95	-	-	P	H
		7320	40.9	-13.1	54	22.77	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BLE CH 19 2440MHz		4880	46.81	-27.19	74	33.36	32.56	14.46	33.57	-	-	P	V
		7320	51.47	-22.53	74	33.34	37.5	16.58	35.95	-	-	P	V
		7320	40.81	-13.19	54	22.68	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		4960	46.02	-27.98	74	32.48	32.7	14.4	33.56	-	-	P	H
		7440	50.32	-23.68	74	32.16	37.32	16.88	36.04	-	-	P	H
		7440	42.96	-11.04	54	24.8	37.32	16.88	36.04	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	46.29	-27.71	74	32.75	32.7	14.4	33.56	-	-	P	V
		7440	50.68	-23.32	74	32.52	37.32	16.88	36.04	-	-	P	V
		7440	44.4	-9.6	54	26.24	37.32	16.88	36.04	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

2.4GHz BLE (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					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 SHF		24867	44.88	-29.12	74	42.2	39.73	22.69	59.74	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		24587	44.86	-29.14	74	43.41	39.5	22.19	60.24	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

2.4GHz BLE (LF)

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					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		30.97	22.97	-17.03	40	30.07	24.62	1.04	32.76	-	-	P	H
		57.16	27.21	-12.79	40	46.14	12.05	1.75	32.73	-	-	P	H
		120.21	29.75	-13.75	43.5	42.62	17.46	2.39	32.72	-	-	P	H
		173.56	23.71	-19.79	43.5	38.35	15.2	2.85	32.69	-	-	P	H
		725.49	32.97	-13.03	46	32.85	27.52	5.33	32.73	-	-	P	H
		959.26	35.56	-10.44	46	29.43	31.29	6.15	31.31	-	-	P	H
													H
													H
													H
													H
													H
													H
		31.94	26.62	-13.38	40	34.38	23.94	1.05	32.75	-	-	P	V
		56.19	33.45	-6.55	40	52.27	12.18	1.73	32.73	-	-	P	V
		79.47	31.07	-8.93	40	48.5	13.29	2	32.72	-	-	P	V
		120.21	27.93	-15.57	43.5	40.8	17.46	2.39	32.72	-	-	P	V
		264.74	20.94	-25.06	46	30.36	19.9	3.36	32.68	-	-	P	V
		949.56	37.33	-8.67	46	31.67	30.97	6.1	31.41	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<Ant. 4>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 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)
BLE CH 00 2402MHz		2337.825	50.92	-23.08	74	37.45	27.02	18.88	32.43	100	20	P	H
		2389.8	42.48	-11.52	54	29.07	26.9	18.98	32.47	100	20	A	H
	*	2402	114.85	-	-	101.32	27	19	32.47	100	20	P	H
	*	2402	114.08	-	-	100.55	27	19	32.47	100	20	A	H
													H
													H
		2319.24	51.24	-22.76	74	37.72	27.09	18.85	32.42	400	110	P	V
		2388.54	41.43	-12.57	54	28	26.91	18.98	32.46	400	110	A	V
	*	2402	110.5	-	-	96.97	27	19	32.47	400	110	P	V
	*	2402	109.97	-	-	96.44	27	19	32.47	400	110	A	V
													V
													V
BLE CH 19 2440MHz		2310	51.25	-22.75	74	37.83	27	18.83	32.41	100	21	P	H
		2379.6	41.47	-12.53	54	27.97	27	18.96	32.46	100	21	A	H
	*	2440	114.38	-	-	101	26.8	19.08	32.5	100	21	P	H
	*	2440	113.78	-	-	100.4	26.8	19.08	32.5	100	21	A	H
		2490.72	50.64	-23.36	74	37.08	26.91	19.18	32.53	100	21	P	H
		2483.52	41.63	-12.37	54	28.1	26.9	19.16	32.53	100	21	A	H
		2326.64	50.65	-23.35	74	37.11	27.1	18.86	32.42	400	125	P	V
		2384.4	41.41	-12.59	54	27.94	26.96	18.97	32.46	400	125	A	V
	*	2440	111.66	-	-	98.28	26.8	19.08	32.5	400	125	P	V
	*	2440	111.11	-	-	97.73	26.8	19.08	32.5	400	125	A	V
		2491.92	51.07	-22.93	74	37.5	26.92	19.18	32.53	400	125	P	V
		2492.88	41.66	-12.34	54	28.09	26.93	19.18	32.54	400	125	A	V

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz	*	2480	115.03	-	-	101.5	26.9	19.16	32.53	144	360	P	H
	*	2480	114.4	-	-	100.87	26.9	19.16	32.53	144	360	A	H
		2483.6	55.33	-18.67	74	41.8	26.9	19.16	32.53	144	360	P	H
		2484.24	46.33	-7.67	54	32.8	26.9	19.16	32.53	144	360	A	H
													H
													H
	*	2480	111.87	-	-	98.34	26.9	19.16	32.53	400	123	P	V
	*	2480	111.24	-	-	97.71	26.9	19.16	32.53	400	123	A	V
		2484.24	52.91	-21.09	74	39.38	26.9	19.16	32.53	400	123	P	V
		2483.92	44.2	-9.8	54	30.67	26.9	19.16	32.53	400	123	A	V
													V
													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 (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	46.8	-27.2	74	33.56	32.32	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	45.98	-28.02	74	32.74	32.32	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4880	46.76	-27.24	74	33.31	32.56	14.46	33.57	-	-	P	H
		7320	50.05	-23.95	74	31.92	37.5	16.58	35.95	-	-	P	H
		7320	40.79	-13.21	54	22.66	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BLE CH 19 2440MHz		4880	46.67	-27.33	74	33.22	32.56	14.46	33.57	-	-	P	V
		7320	50.26	-23.74	74	32.13	37.5	16.58	35.95	-	-	P	V
		7320	40.7	-13.3	54	22.57	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		4960	46.62	-27.38	74	33.08	32.7	14.4	33.56	-	-	P	H
		7440	54.69	-19.31	74	36.53	37.32	16.88	36.04	117	63	P	H
		7440	47.47	-6.53	54	29.31	37.32	16.88	36.04	117	63	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	47.86	-26.14	74	34.32	32.7	14.4	33.56	-	-	P	V
		7440	54.92	-19.08	74	36.76	37.32	16.88	36.04	100	102	P	V
		7440	47.42	-6.58	54	29.26	37.32	16.88	36.04	100	102	A	V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission above 18GHz

2.4GHz BLE (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					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 SHF		24902	44.49	-29.51	74	41.83	39.59	22.75	59.68	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		24636	45.08	-28.92	74	43.5	39.46	22.28	60.16	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

2.4GHz BLE (LF)

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					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		31.94	22.09	-17.91	40	29.85	23.94	1.05	32.75	-	-	P	H
		56.19	26.46	-13.54	40	45.28	12.18	1.73	32.73	-	-	P	H
		119.24	29.64	-13.86	43.5	42.63	17.35	2.38	32.72	-	-	P	H
		175.5	21.54	-21.96	43.5	36.19	15.15	2.88	32.68	-	-	P	H
		561.56	28.94	-17.06	46	30.83	26.2	4.79	32.88	-	-	P	H
		955.38	36	-10	46	30.01	31.21	6.13	31.35	-	-	P	H
													H
													H
													H
													H
													H
													H
		55.22	32.95	-7.05	40	51.68	12.28	1.72	32.73	-	-	P	V
		79.47	28.88	-11.12	40	46.31	13.29	2	32.72	-	-	P	V
		118.27	27.06	-16.44	43.5	40.1	17.3	2.38	32.72	-	-	P	V
		259.89	20.64	-25.36	46	30.1	19.88	3.33	32.67	-	-	P	V
		563.5	28.14	-17.86	46	30.02	26.2	4.8	32.88	-	-	P	V
		951.5	35.73	-10.27	46	29.95	31.06	6.11	31.39	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<2Mbps>

<Ant. 3>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 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)
BLE CH 00 2402MHz		2326.065	51.65	-22.35	74	38.11	27.1	18.86	32.42	100	307	P	H
		2380.245	40.63	-13.37	54	27.13	27	18.96	32.46	100	307	A	H
	*	2402	111.2	-	-	97.67	27	19	32.47	100	307	P	H
	*	2402	109.65	-	-	96.12	27	19	32.47	100	307	A	H
													H
													H
		2379.3	51.05	-22.95	74	37.55	27	18.96	32.46	400	123	P	V
		2381.505	40.64	-13.36	54	27.16	26.98	18.96	32.46	400	123	A	V
	*	2402	107.04	-	-	93.51	27	19	32.47	400	123	P	V
	*	2402	105.41	-	-	91.88	27	19	32.47	400	123	A	V
													V
													V
BLE CH 19 2440MHz		2369.2	50.77	-23.23	74	37.28	27	18.94	32.45	132	267	P	H
		2350.8	40.72	-13.28	54	27.25	27	18.91	32.44	132	267	A	H
	*	2440	114.25	-	-	100.87	26.8	19.08	32.5	132	267	P	H
	*	2440	111.49	-	-	98.11	26.8	19.08	32.5	132	267	A	H
		2492.56	50.95	-23.05	74	37.37	26.93	19.18	32.53	132	267	P	H
		2494.56	40.91	-13.09	54	27.32	26.95	19.18	32.54	132	267	A	H
		2377.2	51.22	-22.78	74	37.72	27	18.96	32.46	397	95	P	V
		2371.12	40.64	-13.36	54	27.14	27	18.95	32.45	397	95	A	V
	*	2440	109.25	-	-	95.87	26.8	19.08	32.5	397	95	P	V
	*	2440	107.59	-	-	94.21	26.8	19.08	32.5	397	95	A	V
		2497.36	50.9	-23.1	74	37.28	26.97	19.19	32.54	397	95	P	V
		2495.28	40.79	-13.21	54	27.19	26.95	19.19	32.54	397	95	A	V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz	*	2480	116.23	-	-	102.7	26.9	19.16	32.53	130	266	P	H
	*	2480	114.48	-	-	100.95	26.9	19.16	32.53	130	266	A	H
		2483.52	59.6	-14.4	74	46.07	26.9	19.16	32.53	130	266	P	H
		2483.52	49.76	-4.24	54	36.23	26.9	19.16	32.53	130	266	A	H
													H
													H
	*	2480	109.17	-	-	95.64	26.9	19.16	32.53	383	104	P	V
	*	2480	107.49	-	-	93.96	26.9	19.16	32.53	383	104	A	V
		2483.56	52.62	-21.38	74	39.09	26.9	19.16	32.53	383	104	P	V
		2483.52	44.87	-9.13	54	31.34	26.9	19.16	32.53	383	104	A	V
													V
													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 (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	45.54	-28.46	74	32.3	32.32	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	45.37	-28.63	74	32.13	32.32	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4880	46.89	-27.11	74	33.44	32.56	14.46	33.57	-	-	P	H
		7320	50.11	-23.89	74	31.98	37.5	16.58	35.95	-	-	P	H
		7320	40.8	-13.2	54	22.67	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BLE CH 19 2440MHz													H
		4880	46.94	-27.06	74	33.49	32.56	14.46	33.57	-	-	P	V
		7320	49.85	-24.15	74	31.72	37.5	16.58	35.95	-	-	P	V
		7320	40.74	-13.26	54	22.61	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		4960	46.51	-27.49	74	32.97	32.7	14.4	33.56	-	-	P	H
		7440	50.96	-23.04	74	32.8	37.32	16.88	36.04	-	-	P	H
		7440	43.77	-10.23	54	25.61	37.32	16.88	36.04	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	46.15	-27.85	74	32.61	32.7	14.4	33.56	-	-	P	V
		7440	50.04	-23.96	74	31.88	37.32	16.88	36.04	-	-	P	V
		7440	45.15	-8.85	54	26.99	37.32	16.88	36.04	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

<Ant. 4>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 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)
BLE CH 00 2402MHz		2389.905	51.96	-22.04	74	38.55	26.9	18.98	32.47	121	96	P	H
		2390	41.76	-12.24	54	28.35	26.9	18.98	32.47	121	96	A	H
	*	2402	115.7	-	-	102.17	27	19	32.47	121	96	P	H
	*	2402	114.12	-	-	100.59	27	19	32.47	121	96	A	H
													H
													H
		2386.125	51.12	-22.88	74	37.67	26.94	18.97	32.46	361	115	P	V
		2388.435	41.06	-12.94	54	27.62	26.92	18.98	32.46	361	115	A	V
	*	2402	111.73	-	-	98.2	27	19	32.47	361	115	P	V
	*	2402	110.11	-	-	96.58	27	19	32.47	361	115	A	V
													V
													V
BLE CH 19 2440MHz		2386	50.84	-23.16	74	37.39	26.94	18.97	32.46	142	94	P	H
		2389.36	40.88	-13.12	54	27.45	26.91	18.98	32.46	142	94	A	H
	*	2440	115.78	-	-	102.4	26.8	19.08	32.5	142	94	P	H
	*	2440	113.78	-	-	100.4	26.8	19.08	32.5	142	94	A	H
		2492.72	50.78	-23.22	74	37.21	26.93	19.18	32.54	142	94	P	H
		2484.64	40.92	-13.08	54	27.38	26.9	19.17	32.53	142	94	A	H
		2359.92	50.97	-23.03	74	37.49	27	18.92	32.44	396	119	P	V
		2372.88	40.76	-13.24	54	27.26	27	18.95	32.45	396	119	A	V
	*	2440	112.87	-	-	99.49	26.8	19.08	32.5	396	119	P	V
	*	2440	111.21	-	-	97.83	26.8	19.08	32.5	396	119	A	V
		2499.12	51.29	-22.71	74	37.65	26.99	19.19	32.54	396	119	P	V
		2489.04	40.87	-13.13	54	27.33	26.9	19.17	32.53	396	119	A	V

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz	*	2480	116.79	-	-	103.26	26.9	19.16	32.53	145	95	P	H
	*	2480	115	-	-	101.47	26.9	19.16	32.53	145	95	A	H
		2484.32	57.39	-16.61	74	43.86	26.9	19.16	32.53	145	95	P	H
		2483.52	49.66	-4.34	54	36.13	26.9	19.16	32.53	145	95	A	H
													H
													H
	*	2480	113.53	-	-	100	26.9	19.16	32.53	382	125	P	V
	*	2480	111.84	-	-	98.31	26.9	19.16	32.53	382	125	A	V
		2483.52	55.89	-18.11	74	42.36	26.9	19.16	32.53	382	125	P	V
		2483.52	47.07	-6.93	54	33.54	26.9	19.16	32.53	382	125	A	V
													V
													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 (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	45.85	-28.15	74	32.61	32.32	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	45.26	-28.74	74	32.02	32.32	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4880	46.84	-27.16	74	33.39	32.56	14.46	33.57	-	-	P	H
		7320	51.25	-22.75	74	33.12	37.5	16.58	35.95	-	-	P	H
		7320	40.29	-13.71	54	22.16	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BLE CH 19 2440MHz		4880	47.36	-26.64	74	33.91	32.56	14.46	33.57	-	-	P	V
		7320	50.3	-23.7	74	32.17	37.5	16.58	35.95	-	-	P	V
		7320	40.88	-13.12	54	22.75	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

BLE	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		4960	47.18	-26.82	74	33.64	32.7	14.4	33.56	-	-	P	H
		7440	54.94	-19.06	74	36.78	37.32	16.88	36.04	100	326	P	H
		7440	47.83	-6.17	54	29.67	37.32	16.88	36.04	100	326	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	48.69	-25.31	74	35.15	32.7	14.4	33.56	-	-	P	V
		7440	56.33	-17.67	74	38.17	37.32	16.88	36.04	100	83	P	V
		7440	48.79	-5.21	54	30.63	37.32	16.88	36.04	100	83	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

<HR 4Mbps>

<Ant. 3>

2.4GHz 2402~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	TaBT Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 02 2404MHz		2373.42	51.14	-22.86	74	37.64	27	18.95	32.45	137	280	P	H
		2389.275	40.32	-13.68	54	26.89	26.91	18.98	32.46	137	280	A	H
	*	2404	111.92	-	-	98.38	27	19.01	32.47	137	280	P	H
	*	2404	108.42	-	-	94.88	27	19.01	32.47	137	280	A	H
													H
													H
		2324.175	51.43	-22.57	74	37.89	27.1	18.86	32.42	360	97	P	V
		2388.855	40.29	-13.71	54	26.86	26.91	18.98	32.46	360	97	A	V
	*	2404	108.15	-	-	94.61	27	19.01	32.47	360	97	P	V
	*	2404	104.66	-	-	91.12	27	19.01	32.47	360	97	A	V
													V
													V
BT CH 39 2441MHz		2323.44	50.82	-23.18	74	37.29	27.1	18.85	32.42	135	257	P	H
		2351.92	40.28	-13.72	54	26.81	27	18.91	32.44	135	257	A	H
	*	2441	113.27	-	-	99.88	26.81	19.08	32.5	135	257	P	H
	*	2441	109.69	-	-	96.3	26.81	19.08	32.5	135	257	A	H
		2485.6	51.53	-22.47	74	37.99	26.9	19.17	32.53	135	257	P	H
		2484.32	40.79	-13.21	54	27.26	26.9	19.16	32.53	135	257	A	H
		2357.2	51.12	-22.88	74	37.64	27	18.92	32.44	396	94	P	V
		2379.28	40.19	-13.81	54	26.69	27	18.96	32.46	396	94	A	V
	*	2441	109.41	-	-	96.02	26.81	19.08	32.5	396	94	P	V
	*	2441	105.87	-	-	92.48	26.81	19.08	32.5	396	94	A	V
		2487.76	51.67	-22.33	74	38.13	26.9	19.17	32.53	396	94	P	V
		2488.8	40.5	-13.5	54	26.96	26.9	19.17	32.53	396	94	A	V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz	*	2478	114.58	-	-	101.08	26.88	19.15	32.53	161	262	P	H
	*	2478	111.01	-	-	97.51	26.88	19.15	32.53	161	262	A	H
		2483.52	55.81	-18.19	74	42.28	26.9	19.16	32.53	161	262	P	H
		2483.52	45.65	-8.35	54	32.12	26.9	19.16	32.53	161	262	A	H
													H
													H
	*	2478	109.27	-	-	95.77	26.88	19.15	32.53	339	94	P	V
	*	2478	105.69	-	-	92.19	26.88	19.15	32.53	339	94	A	V
		2484.16	52.67	-21.33	74	39.14	26.9	19.16	32.53	339	94	P	V
		2483.52	42.59	-11.41	54	29.06	26.9	19.16	32.53	339	94	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2402~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 02 2404MHz		4808	45.75	-28.25	74	32.5	32.33	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4808	45.47	-28.53	74	32.22	32.33	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4882	46.08	-27.92	74	32.64	32.56	14.45	33.57	-	-	P	H
		7323	50.15	-23.85	74	32.02	37.5	16.58	35.95	-	-	P	H
		7323	40.61	-13.39	54	22.48	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BT CH 39 2441MHz		4882	46.38	-27.62	74	32.94	32.56	14.45	33.57	-	-	P	V
		7323	50.45	-23.55	74	32.32	37.5	16.58	35.95	-	-	P	V
		7323	40.81	-13.19	54	22.68	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz		4956	46.17	-27.83	74	32.63	32.7	14.4	33.56	-	-	P	H
		7434	49.29	-24.71	74	31.13	37.33	16.86	36.03	-	-	P	H
		7434	40.65	-13.35	54	22.49	37.33	16.86	36.03	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4956	46.04	-27.96	74	32.5	32.7	14.4	33.56	-	-	P	V
		7434	50.1	-23.9	74	31.94	37.33	16.86	36.03	-	-	P	V
		7434	42.61	-11.39	54	24.45	37.33	16.86	36.03	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

2.4GHz BT (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	TaBT	Peak	Pol.
					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 BT SHF		24986	45.89	-28.11	74	43.08	39.44	22.9	59.53	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		24601	44.66	-29.34	74	43.06	39.6	22.22	60.22	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	TaBT	Peak	Pol.
					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 BT LF		30	22.94	-17.06	40	29.47	25.2	1.03	32.76	-	-	P	H
		55.22	26.35	-13.65	40	45.08	12.28	1.72	32.73	-	-	P	H
		119.24	29.15	-14.35	43.5	42.14	17.35	2.38	32.72	-	-	P	H
		172.59	22.73	-20.77	43.5	37.29	15.28	2.85	32.69	-	-	P	H
		565.44	28.36	-17.64	46	30.24	26.19	4.8	32.87	-	-	P	H
		944.71	35.69	-10.31	46	30.38	30.68	6.09	31.46	-	-	P	H
													H
													H
													H
													H
													H
													H
		30	26.56	-13.44	40	33.09	25.2	1.03	32.76	-	-	P	V
		56.19	31.88	-8.12	40	50.7	12.18	1.73	32.73	-	-	P	V
		119.24	26.48	-17.02	43.5	39.47	17.35	2.38	32.72	-	-	P	V
		147.37	21.29	-22.21	43.5	34.34	17.06	2.6	32.71	-	-	P	V
		257.95	20.77	-25.23	46	30.55	19.57	3.32	32.67	-	-	P	V
		959.26	35.71	-10.29	46	29.58	31.29	6.15	31.31	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<Ant. 4>

2.4GHz 2402~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	TaBT Pos	Peak Avg.	Pol.
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 02 2404MHz		2388.33	52.19	-21.81	74	38.75	26.92	18.98	32.46	180	82	P	H
		2389.695	41.81	-12.19	54	28.39	26.9	18.98	32.46	180	82	A	H
	*	2404	114.01	-	-	100.47	27	19.01	32.47	180	82	P	H
	*	2404	110.46	-	-	96.92	27	19.01	32.47	180	82	A	H
													H
													H
		2332.05	51.46	-22.54	74	37.94	27.08	18.87	32.43	400	118	P	V
		2389.8	41.03	-12.97	54	27.62	26.9	18.98	32.47	400	118	A	V
	*	2404	111.19	-	-	97.65	27	19.01	32.47	400	118	P	V
	*	2404	107.7	-	-	94.16	27	19.01	32.47	400	118	A	V
													V
													V
BT CH 39 2441MHz		2387.44	51.01	-22.99	74	37.56	26.93	18.98	32.46	200	80	P	H
		2389.2	40.57	-13.43	54	27.14	26.91	18.98	32.46	200	80	A	H
	*	2441	113.47	-	-	100.08	26.81	19.08	32.5	200	80	P	H
	*	2441	109.93	-	-	96.54	26.81	19.08	32.5	200	80	A	H
		2483.68	51.05	-22.95	74	37.52	26.9	19.16	32.53	200	80	P	H
		2484.32	40.75	-13.25	54	27.22	26.9	19.16	32.53	200	80	A	H
		2381.68	51.18	-22.82	74	37.69	26.98	18.97	32.46	396	129	P	V
		2388.72	40.34	-13.66	54	26.91	26.91	18.98	32.46	396	129	A	V
	*	2441	111.87	-	-	98.48	26.81	19.08	32.5	396	129	P	V
	*	2441	108.32	-	-	94.93	26.81	19.08	32.5	396	129	A	V
		2496.96	50.9	-23.1	74	37.28	26.97	19.19	32.54	396	129	P	V
		2484.56	40.63	-13.37	54	27.1	26.9	19.16	32.53	396	129	A	V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz	*	2478	113.51	-	-	100.01	26.88	19.15	32.53	198	85	P	H
	*	2478	109.86	-	-	96.36	26.88	19.15	32.53	198	85	A	H
		2483.56	54.59	-19.41	74	41.06	26.9	19.16	32.53	198	85	P	H
		2483.52	45.11	-8.89	54	31.58	26.9	19.16	32.53	198	85	A	H
													H
													H
	*	2478	111.21	-	-	97.71	26.88	19.15	32.53	391	126	P	V
	*	2478	107.71	-	-	94.21	26.88	19.15	32.53	391	126	A	V
		2483.64	54.08	-19.92	74	40.55	26.9	19.16	32.53	391	126	P	V
		2483.52	44.03	-9.97	54	30.5	26.9	19.16	32.53	391	126	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2402~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 02 2404MHz		4808	45.77	-28.23	74	32.52	32.33	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4808	46.03	-27.97	74	32.78	32.33	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4882	46.4	-27.6	74	32.96	32.56	14.45	33.57	-	-	P	H
		7323	50.43	-23.57	74	32.3	37.5	16.58	35.95	-	-	P	H
		7323	40.83	-13.17	54	22.7	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BT CH 39 2441MHz		4882	47.36	-26.64	74	33.92	32.56	14.45	33.57	-	-	P	V
		7323	53.68	-20.32	74	35.55	37.5	16.58	35.95	371	179	P	V
		7323	44.03	-9.97	54	25.9	37.5	16.58	35.95	371	179	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz		4956	47.76	-26.24	74	34.22	32.7	14.4	33.56	-	-	P	H
		7434	50.63	-23.37	74	32.47	37.33	16.86	36.03	-	-	P	H
		7434	43.9	-10.1	54	25.74	37.33	16.86	36.03	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4956	46.48	-27.52	74	32.94	32.7	14.4	33.56	-	-	P	V
		7434	50.41	-23.59	74	32.25	37.33	16.86	36.03	-	-	P	V
		7434	44.81	-9.19	54	26.65	37.33	16.86	36.03	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

2.4GHz BT (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	TaBT	Peak	Pol.
					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 BT SHF		24608	45.16	-28.84	74	43.57	39.57	22.23	60.21	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		24832	44.94	-29.06	74	42.45	39.66	22.63	59.8	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	TaBT	Peak	Pol.
					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 BT LF		30	22.48	-17.52	40	29.01	25.2	1.03	32.76	-	-	P	H
		55.22	25.69	-14.31	40	44.42	12.28	1.72	32.73	-	-	P	H
		119.24	29.5	-14	43.5	42.49	17.35	2.38	32.72	-	-	P	H
		174.53	22.49	-21.01	43.5	37.1	15.2	2.87	32.68	-	-	P	H
		826.37	35.15	-10.85	46	33.75	27.98	5.76	32.34	-	-	P	H
		960.23	35.98	-18.02	54	29.83	31.3	6.15	31.3	-	-	P	H
													H
													H
													H
													H
													H
													H
		31.94	27.11	-12.89	40	34.87	23.94	1.05	32.75	-	-	P	V
		55.22	32.81	-7.19	40	51.54	12.28	1.72	32.73	-	-	P	V
		79.47	28.85	-11.15	40	46.28	13.29	2	32.72	-	-	P	V
		120.21	26.65	-16.85	43.5	39.52	17.46	2.39	32.72	-	-	P	V
		264.74	20.55	-25.45	46	29.97	19.9	3.36	32.68	-	-	P	V
		946.65	35.92	-10.08	46	30.47	30.8	6.09	31.44	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.

<HR 8Mbps>

<Ant. 3>

2.4GHz 2402~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	TaBT Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 02 2404MHz		2346.225	51.34	-22.66	74	37.88	27	18.9	32.44	102	308	P	H
		2390	41	-13	54	27.59	26.9	18.98	32.47	102	308	A	H
	*	2404	110.96	-	-	97.42	27	19.01	32.47	102	308	P	H
	*	2404	105.58	-	-	92.04	27	19.01	32.47	102	308	A	H
													H
													H
		2373.42	51.43	-22.57	74	37.93	27	18.95	32.45	399	96	P	V
		2389.695	40.36	-13.64	54	26.94	26.9	18.98	32.46	399	96	A	V
	*	2404	106.88	-	-	93.34	27	19.01	32.47	399	96	P	V
	*	2404	101.45	-	-	87.91	27	19.01	32.47	399	96	A	V
													V
													V
BT CH 39 2441MHz		2332.24	51.15	-22.85	74	37.63	27.08	18.87	32.43	136	266	P	H
		2375.76	40.44	-13.56	54	26.95	27	18.95	32.46	136	266	A	H
	*	2441	111.78	-	-	98.39	26.81	19.08	32.5	136	266	P	H
	*	2441	106.33	-	-	92.94	26.81	19.08	32.5	136	266	A	H
		2485.36	51.23	-22.77	74	37.69	26.9	19.17	32.53	136	266	P	H
		2483.52	40.67	-13.33	54	27.14	26.9	19.16	32.53	136	266	A	H
		2377.2	50.89	-23.11	74	37.39	27	18.96	32.46	389	96	P	V
		2338.48	40.25	-13.75	54	26.78	27.02	18.88	32.43	389	96	A	V
	*	2441	107.52	-	-	94.13	26.81	19.08	32.5	389	96	P	V
	*	2441	102.15	-	-	88.76	26.81	19.08	32.5	389	96	A	V
		2484.64	51.35	-22.65	74	37.81	26.9	19.17	32.53	389	96	P	V
		2499.04	40.59	-13.41	54	26.95	26.99	19.19	32.54	389	96	A	V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz	*	2478	110.57	-	-	97.07	26.88	19.15	32.53	127	277	P	H
	*	2478	105.17	-	-	91.67	26.88	19.15	32.53	127	277	A	H
		2484	63.3	-10.7	74	49.77	26.9	19.16	32.53	127	277	P	H
		2483.52	52.41	-1.59	54	38.88	26.9	19.16	32.53	127	277	A	H
													H
													H
	*	2478	105.81	-	-	92.31	26.88	19.15	32.53	383	92	P	V
	*	2478	100.39	-	-	86.89	26.88	19.15	32.53	383	92	A	V
		2484.04	58.96	-15.04	74	45.43	26.9	19.16	32.53	383	92	P	V
		2483.52	48.49	-5.51	54	34.96	26.9	19.16	32.53	383	92	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2402~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 02 2404MHz		4808	46.22	-27.78	74	32.97	32.33	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4808	46.37	-27.63	74	33.12	32.33	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4882	45.99	-28.01	74	32.55	32.56	14.45	33.57	-	-	P	H
		7323	51.55	-22.45	74	33.42	37.5	16.58	35.95	-	-	P	H
		7323	39.98	-14.02	54	21.85	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BT CH 39 2441MHz		4882	46.06	-27.94	74	32.62	32.56	14.45	33.57	-	-	P	V
		7323	51.44	-22.56	74	33.31	37.5	16.58	35.95	-	-	P	V
		7323	40.14	-13.86	54	22.01	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4956	46.44	-27.56	74	32.9	32.7	14.4	33.56	-	-	P	H
		7434	50.58	-23.42	74	32.42	37.33	16.86	36.03	-	-	P	H
		7434	39.47	-14.53	54	21.31	37.33	16.86	36.03	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BT CH 76 2478MHz		4956	46.35	-27.65	74	32.81	32.7	14.4	33.56	-	-	P	V
		7434	51.08	-22.92	74	32.92	37.33	16.86	36.03	-	-	P	V
		7434	39.46	-14.54	54	21.3	37.33	16.86	36.03	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

<Ant. 4>

2.4GHz 2402~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	TaBT Pos	Peak Avg.	Pol.
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 02 2404MHz		2388.75	53.03	-20.97	74	39.6	26.91	18.98	32.46	103	247	P	H
		2390	42.67	-11.33	54	29.26	26.9	18.98	32.47	103	247	A	H
	*	2404	112.02	-	-	98.48	27	19.01	32.47	103	247	P	H
	*	2404	106.55	-	-	93.01	27	19.01	32.47	103	247	A	H
													H
													H
		2389.905	52.22	-21.78	74	38.81	26.9	18.98	32.47	361	115	P	V
		2389.905	42.71	-11.29	54	29.3	26.9	18.98	32.47	361	115	A	V
	*	2404	110.69	-	-	97.15	27	19.01	32.47	361	115	P	V
	*	2404	105.28	-	-	91.74	27	19.01	32.47	361	115	A	V
													V
													V
BT CH 39 2441MHz		2368.72	50.98	-23.02	74	37.49	27	18.94	32.45	108	251	P	H
		2387.12	40.49	-13.51	54	27.04	26.93	18.98	32.46	108	251	A	H
	*	2441	112.48	-	-	99.09	26.81	19.08	32.5	108	251	P	H
	*	2441	107.11	-	-	93.72	26.81	19.08	32.5	108	251	A	H
		2485.68	51.71	-22.29	74	38.17	26.9	19.17	32.53	108	251	P	H
		2483.52	40.95	-13.05	54	27.42	26.9	19.16	32.53	108	251	A	H
		2339.6	51.49	-22.51	74	38.03	27	18.89	32.43	397	114	P	V
		2389.36	40.33	-13.67	54	26.9	26.91	18.98	32.46	397	114	A	V
	*	2441	111.86	-	-	98.47	26.81	19.08	32.5	397	114	P	V
	*	2441	106.45	-	-	93.06	26.81	19.08	32.5	397	114	A	V
		2499.6	50.77	-23.23	74	37.12	27	19.19	32.54	397	114	P	V
		2485.36	40.59	-13.41	54	27.05	26.9	19.17	32.53	397	114	A	V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz	*	2478	109.62	35.62	74	96.12	26.88	19.15	32.53	100	254	P	H
	*	2478	104.25	50.25	54	90.75	26.88	19.15	32.53	100	254	A	H
		2483.92	61.71	-12.29	74	48.18	26.9	19.16	32.53	100	254	P	H
		2483.52	51.71	-2.29	54	38.18	26.9	19.16	32.53	100	254	A	H
													H
													H
	*	2478	108.03	34.03	74	94.53	26.88	19.15	32.53	382	109	P	V
	*	2478	102.56	48.56	54	89.06	26.88	19.15	32.53	382	109	A	V
		2483.68	61.08	-12.92	74	47.55	26.9	19.16	32.53	382	109	P	V
		2483.52	50.6	-3.4	54	37.07	26.9	19.16	32.53	382	109	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2402~2483.5MHz

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 02 2404MHz		4808	45.89	-28.11	74	32.64	32.33	14.51	33.59	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4808	46.3	-27.7	74	33.05	32.33	14.51	33.59	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4882	47.83	-26.17	74	34.39	32.56	14.45	33.57	-	-	P	H
		7323	50.27	-23.73	74	32.14	37.5	16.58	35.95	-	-	P	H
		7323	40.82	-13.18	54	22.69	37.5	16.58	35.95	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BT CH 39 2441MHz		4882	47.78	-26.22	74	34.34	32.56	14.45	33.57	-	-	P	V
		7323	51.99	-22.01	74	33.86	37.5	16.58	35.95	-	-	P	V
		7323	40.84	-13.16	54	22.71	37.5	16.58	35.95	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	TaBT Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		4956	46.79	-27.21	74	33.25	32.7	14.4	33.56	-	-	P	H
		7434	51.42	-22.58	74	33.26	37.33	16.86	36.03	-	-	P	H
		7434	40.06	-13.94	54	21.9	37.33	16.86	36.03	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
BT CH 76 2478MHz		4956	46.6	-27.4	74	33.06	32.7	14.4	33.56	-	-	P	V
		7434	51.52	-22.48	74	33.36	37.33	16.86	36.03	-	-	P	V
		7434	40.36	-13.64	54	22.2	37.33	16.86	36.03	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

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	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

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.
					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. 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

Test Engineer :	Bank Lin and Lu Wen-Kai	**Temperature :**	20~25°C
		Relative Humidity :	55~65%

Note symbol

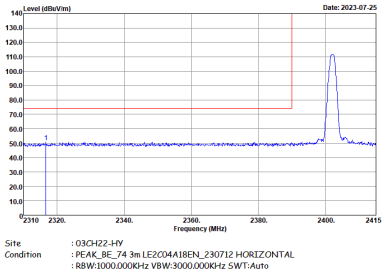
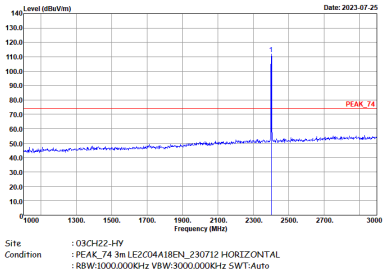
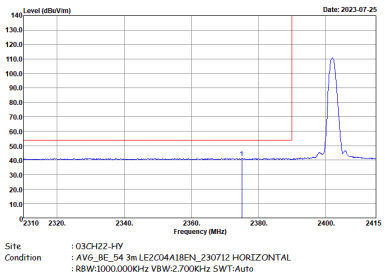
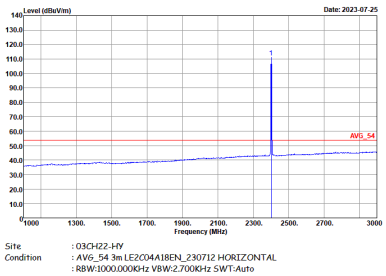
-L	**Low channel location**
-R	**High channel location**

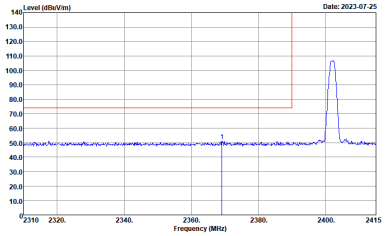
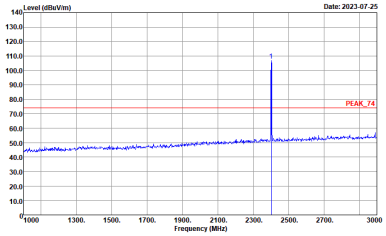
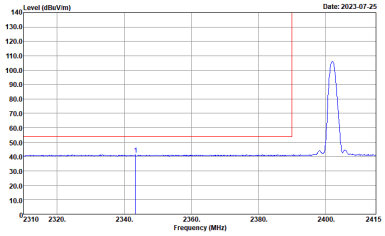
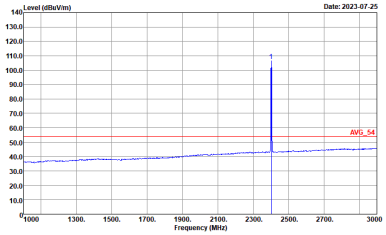
<1Mbps>

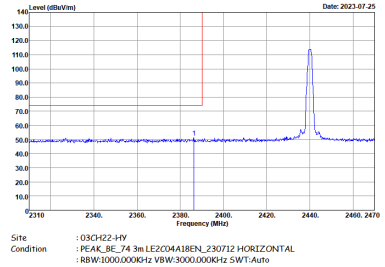
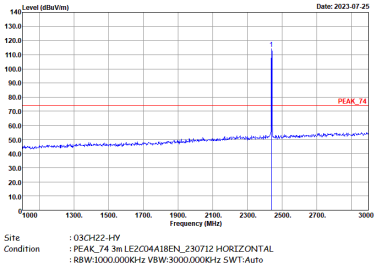
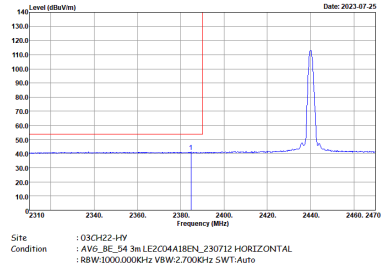
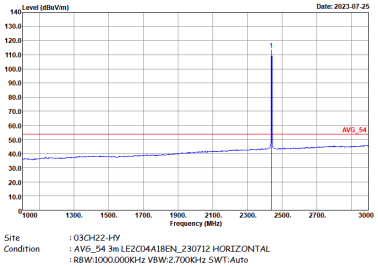
<Ant. 3>

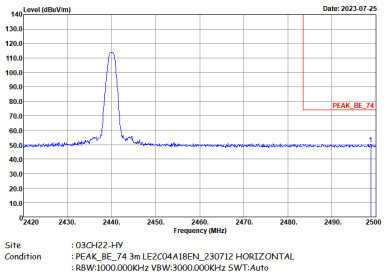
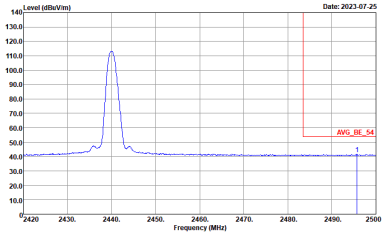
2.4GHz 2400~2483.5MHz

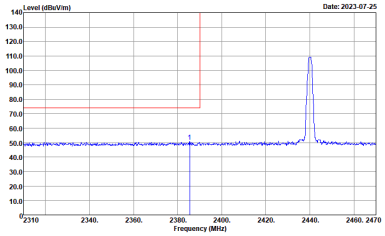
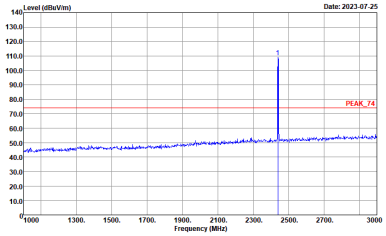
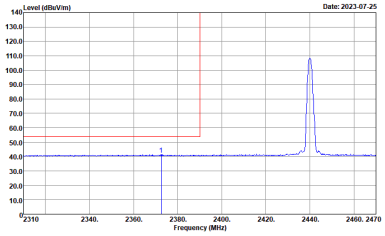
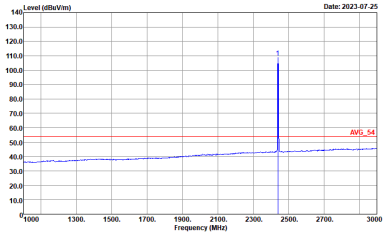
BLE (Band Edge @ 3m)

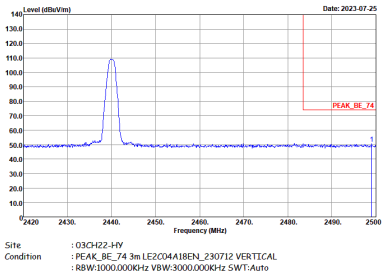
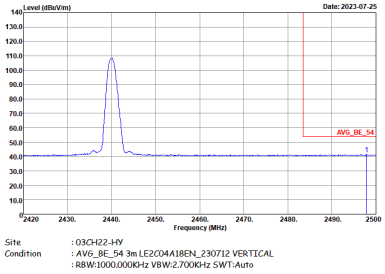
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Fundamental
Peak		
Avg.		

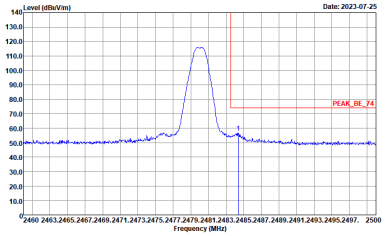
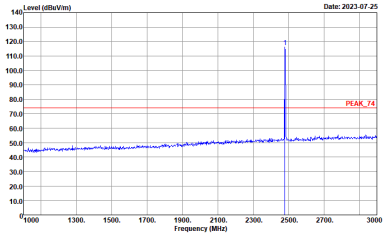
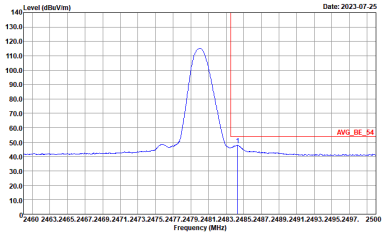
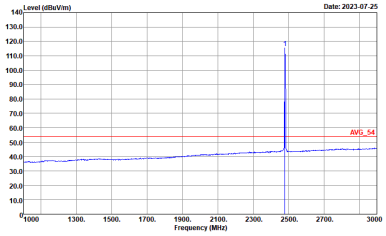
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

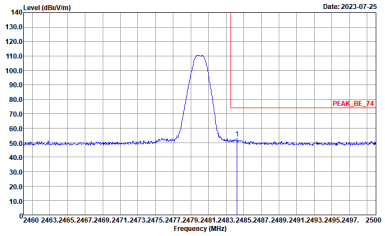
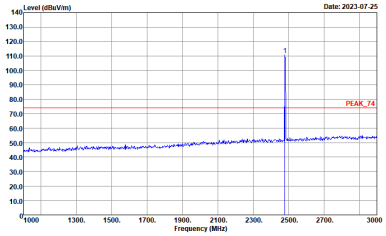
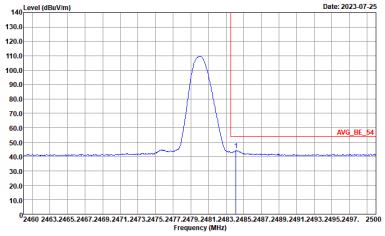
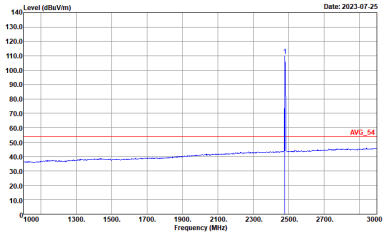
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Horizontal	Fundamental
Peak		
Avg.		

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	Left blank

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

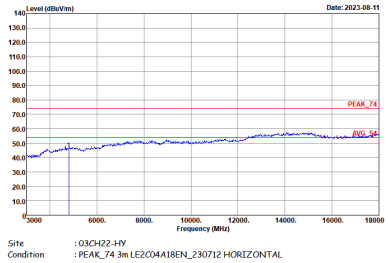
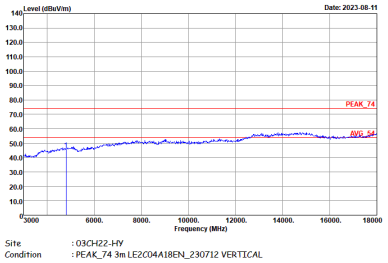
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

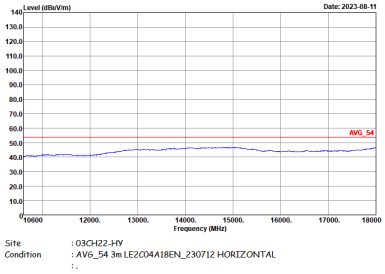
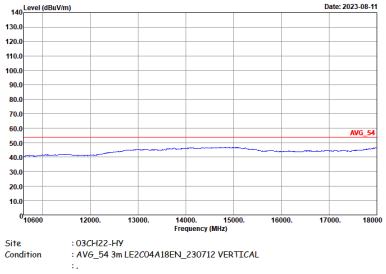
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

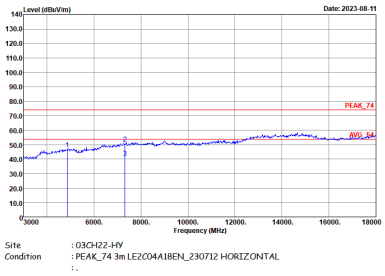
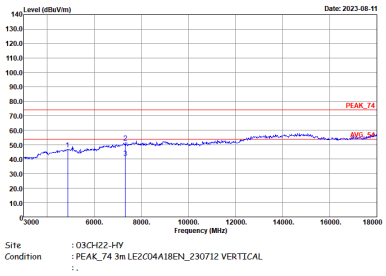
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

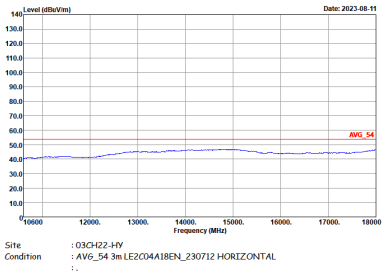
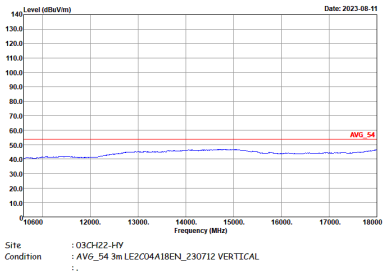
2.4GHz 2400~2483.5MHz

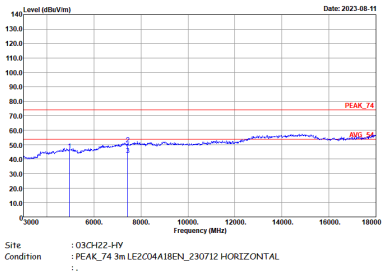
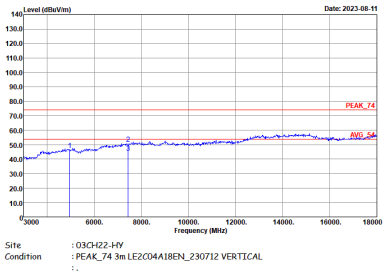
BLE (Harmonic @ 3m)

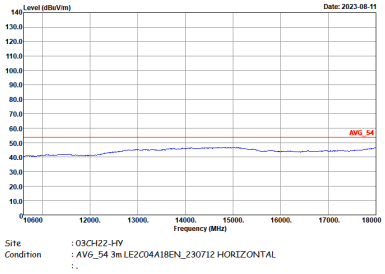
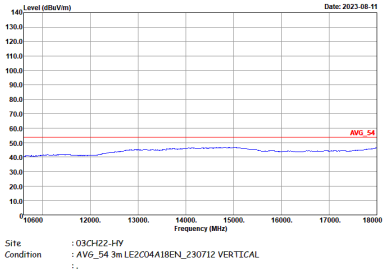
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
Peak Avg.		

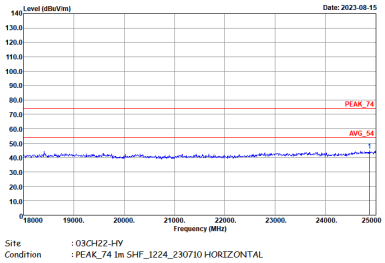
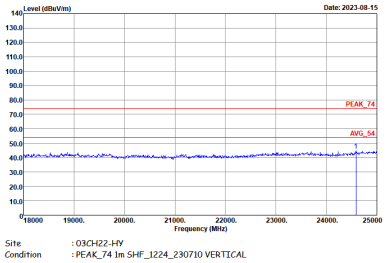
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

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

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

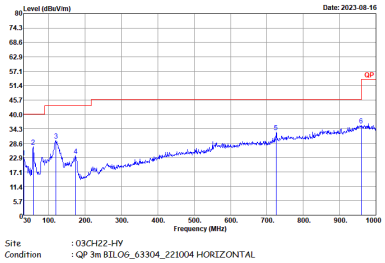
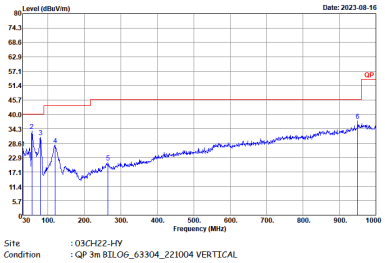
Emission above 18GHz

2.4GHz BLE (SHF @ 1m)

BLE	2.4GHz 2400~2483.5MHz	
	BLE SHF	
	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

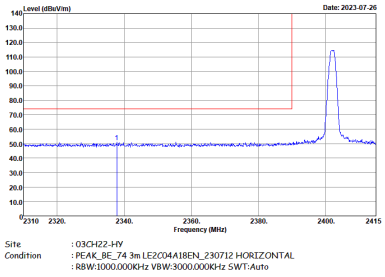
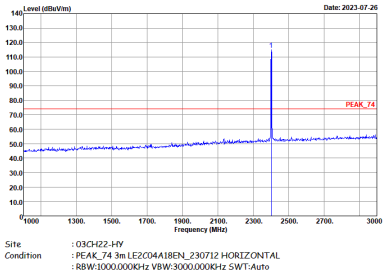
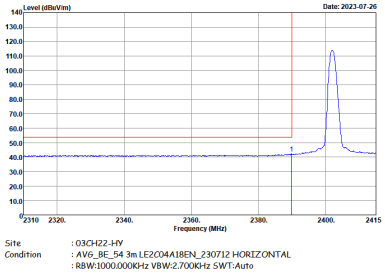
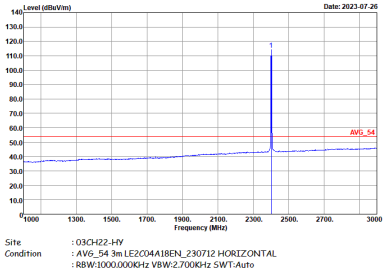
2.4GHz BLE (LF)

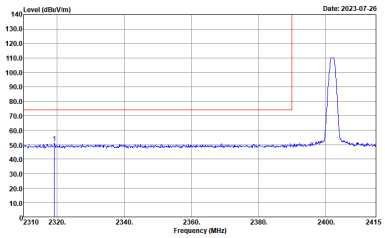
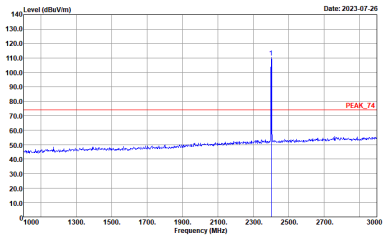
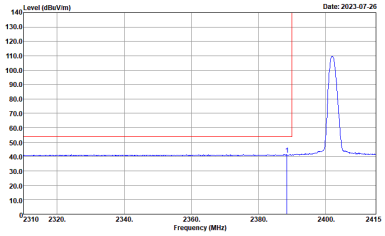
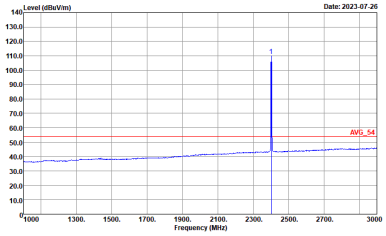
BLE	2.4GHz 2400~2483.5MHz	
	BLE LF	
	Horizontal	Vertical
QP / Peak		

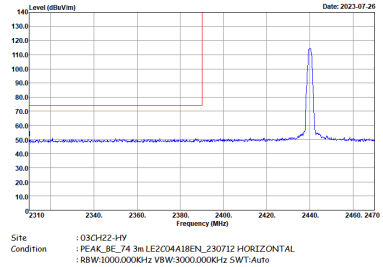
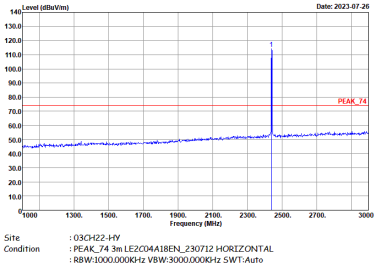
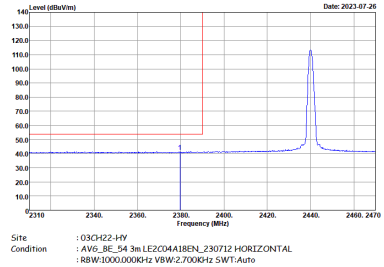
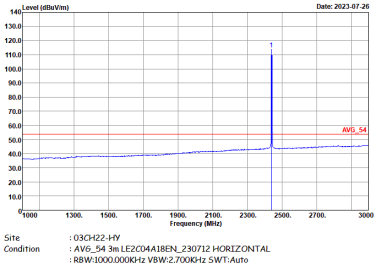
<Ant. 4>

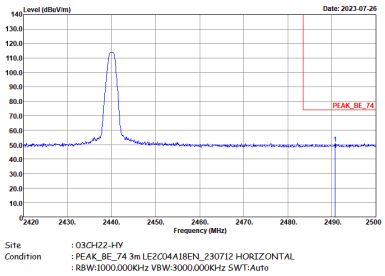
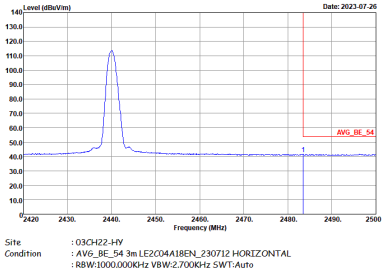
2.4GHz 2400~2483.5MHz

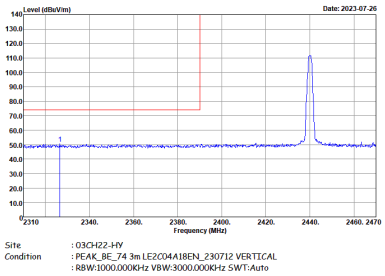
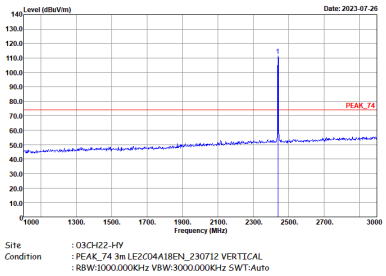
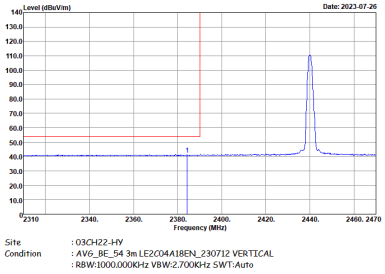
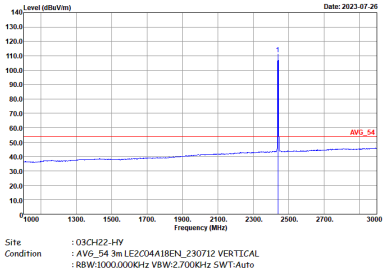
BLE (Band Edge @ 3m)

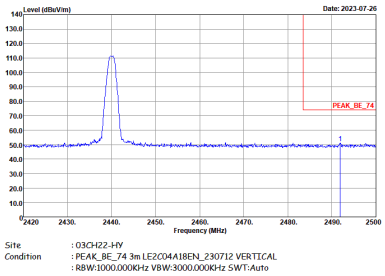
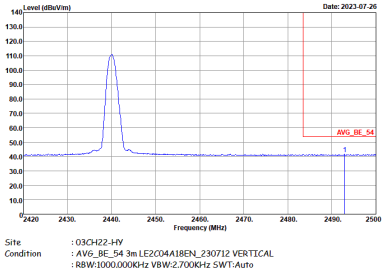
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Fundamental
Peak		
Avg.		

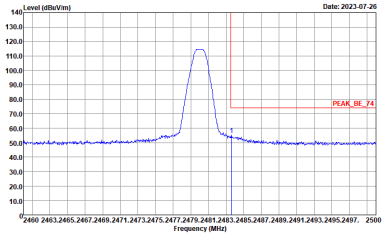
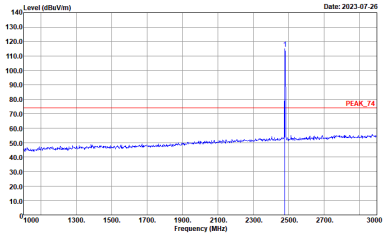
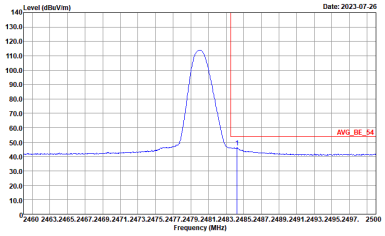
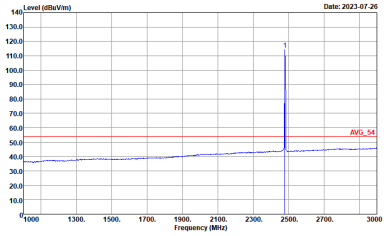
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

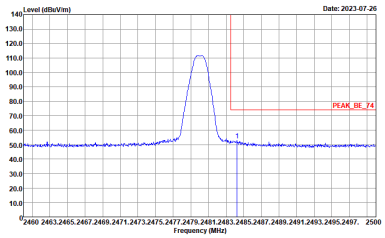
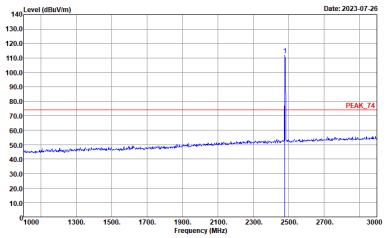
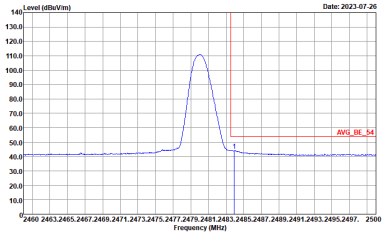
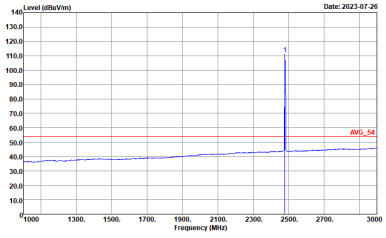
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Vertical	Fundamental
Peak		
Avg.		

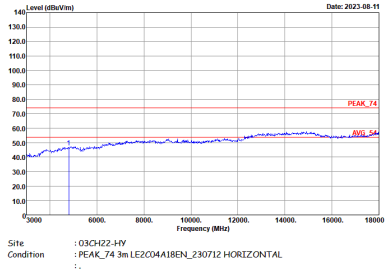
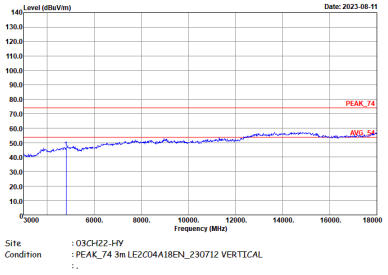
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

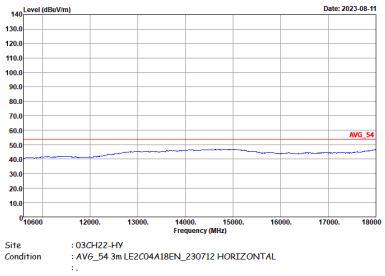
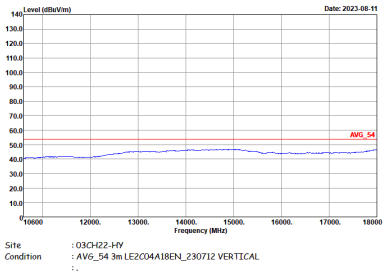
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

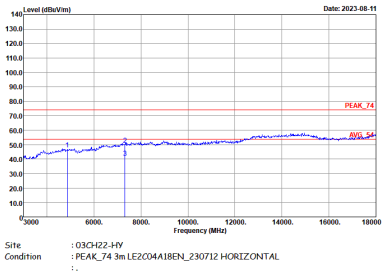
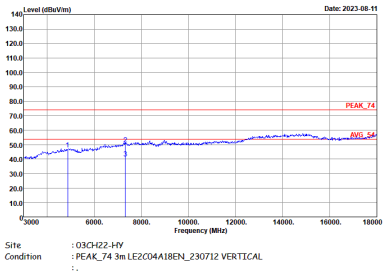
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:2.700KHz SWT:Auto

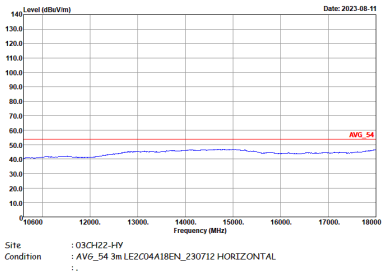
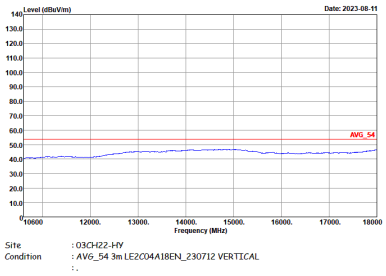
2.4GHz 2400~2483.5MHz

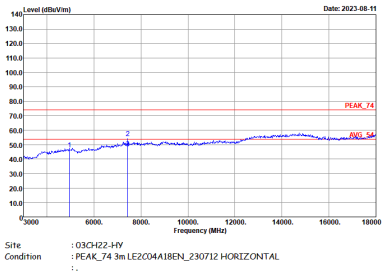
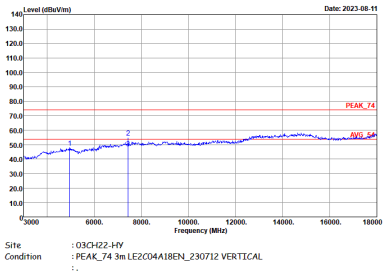
BLE (Harmonic @ 3m)

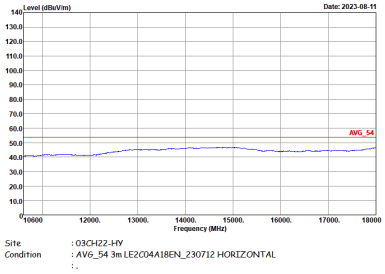
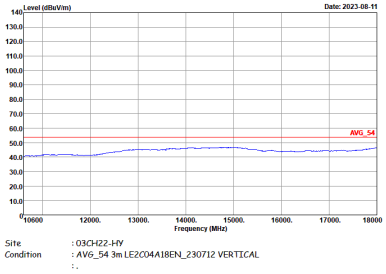
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
Peak Avg.		

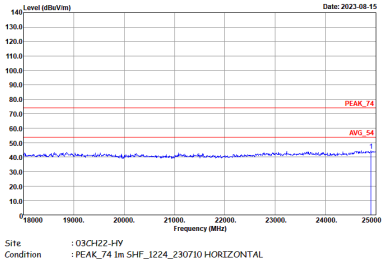
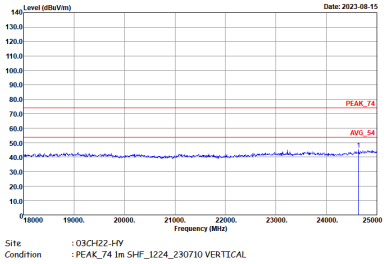
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

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

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

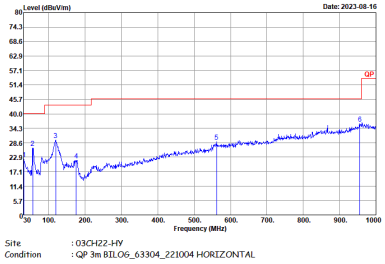
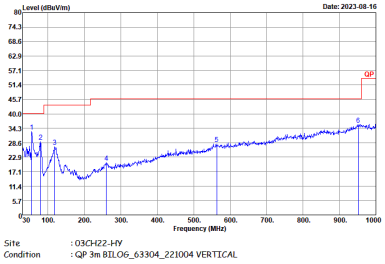
Emission above 18GHz

2.4GHz BLE (SHF @ 1m)

BLE	2.4GHz 2400~2483.5MHz	
	BLE SHF	
	Horizontal	Vertical
Peak Avg.		

Emission below 1GHz

2.4GHz BLE (LF)

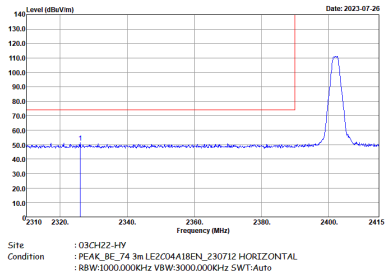
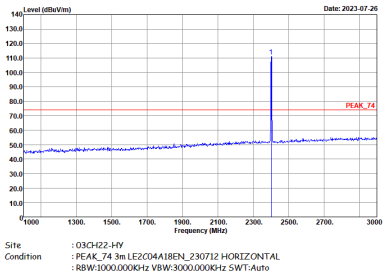
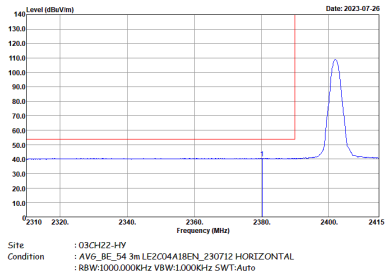
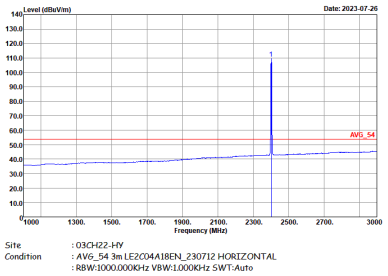
BLE	2.4GHz 2400~2483.5MHz	
	BLE LF	
	Horizontal	Vertical
QP / Peak		

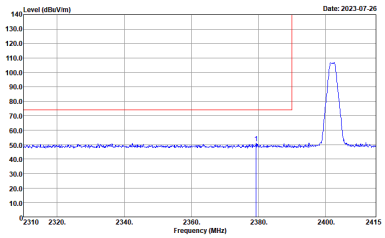
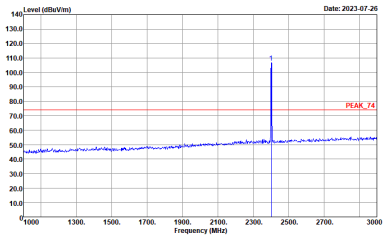
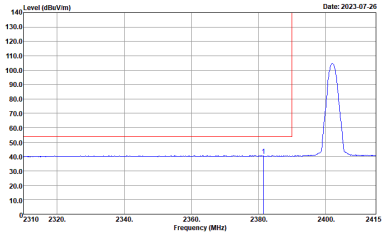
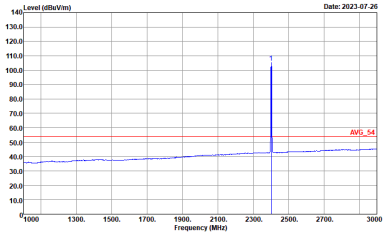
<2Mbps>

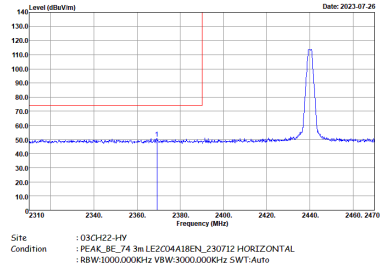
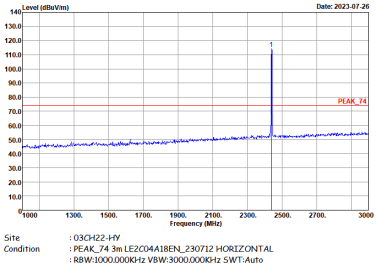
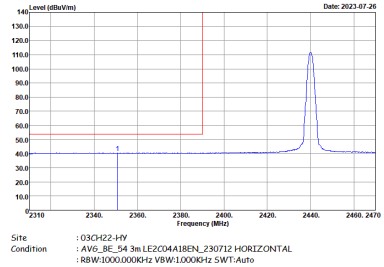
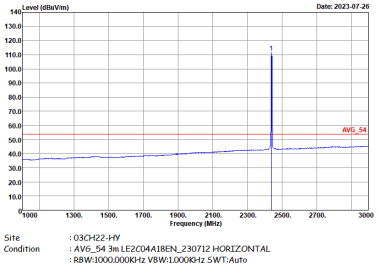
<Ant. 3>

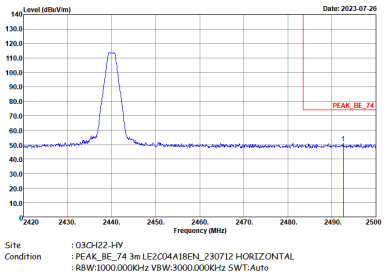
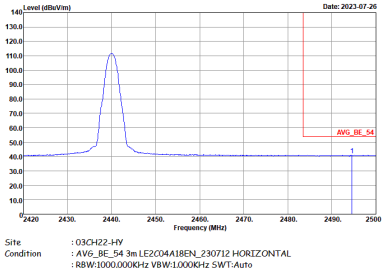
2.4GHz 2400~2483.5MHz

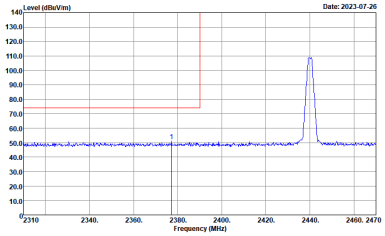
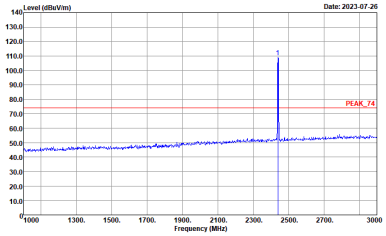
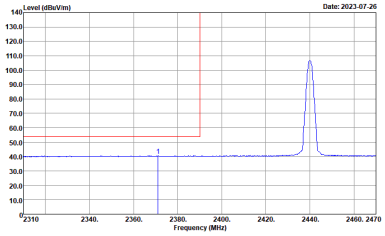
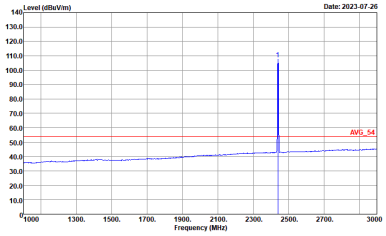
BLE (Band Edge @ 3m)

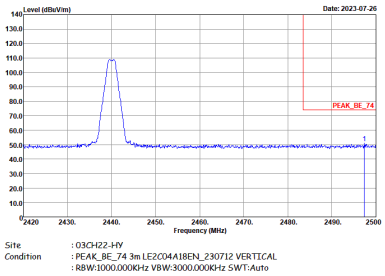
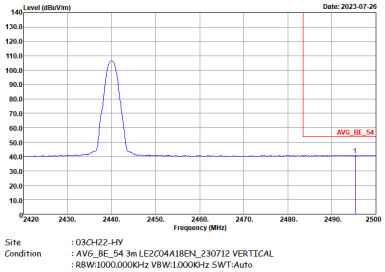
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Fundamental
Peak		
Avg.		

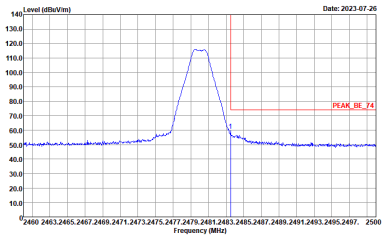
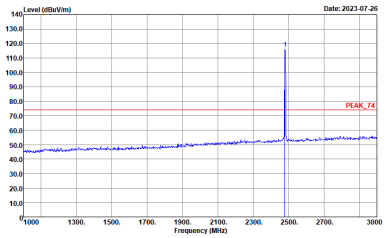
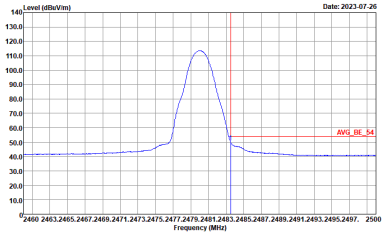
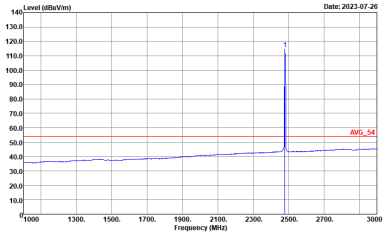
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

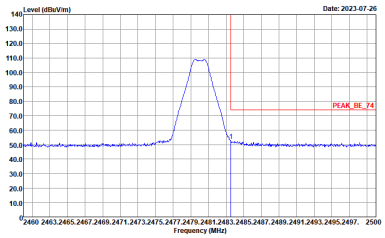
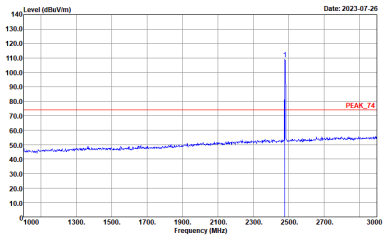
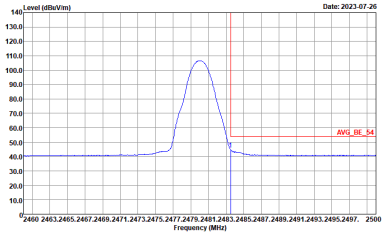
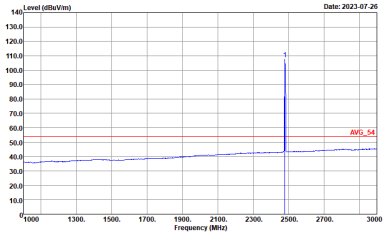
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Horizontal	Fundamental
Peak		
Avg.		

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

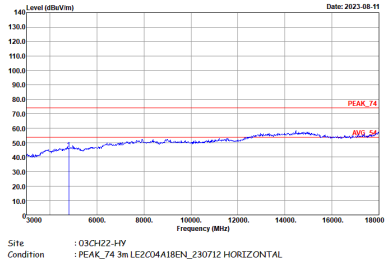
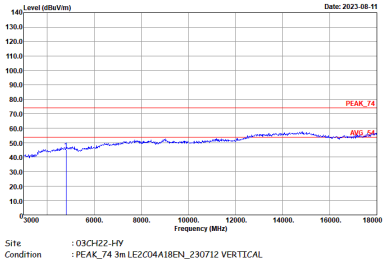
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

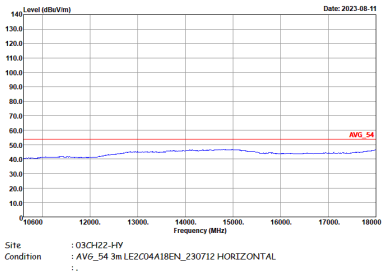
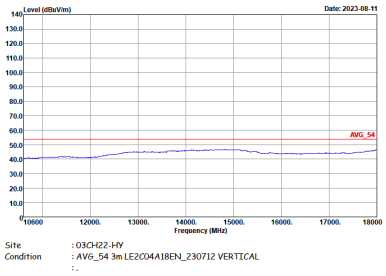
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

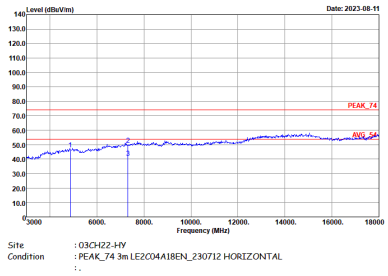
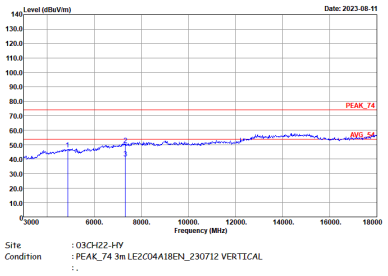
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

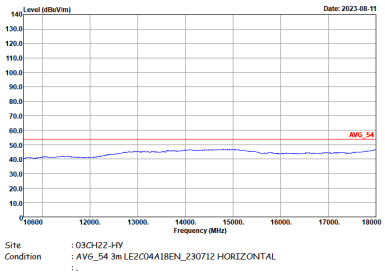
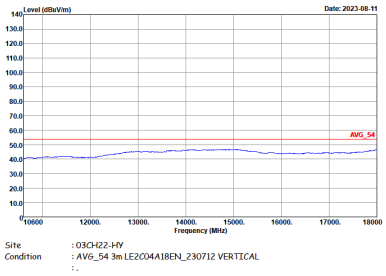
2.4GHz 2400~2483.5MHz

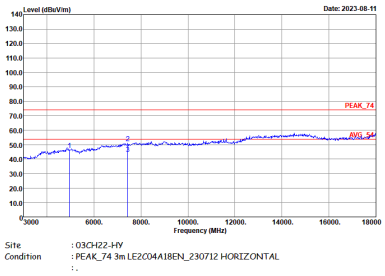
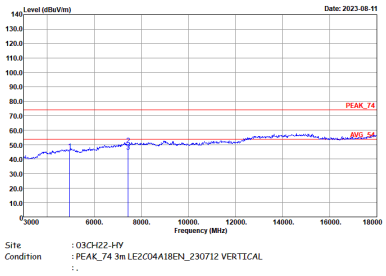
BLE (Harmonic @ 3m)

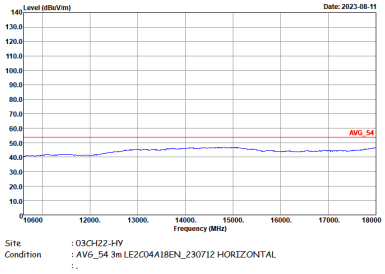
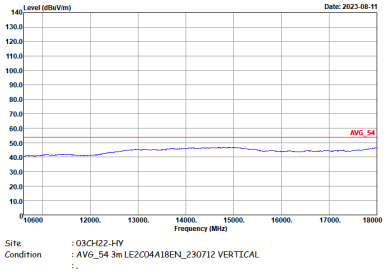
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
Peak Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

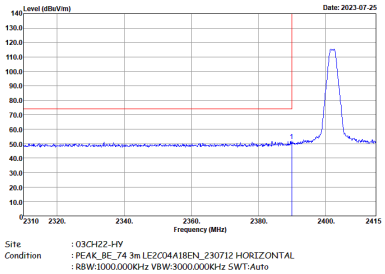
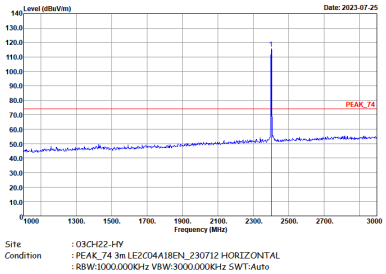
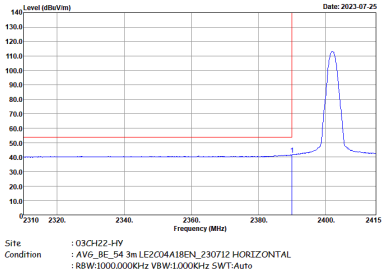
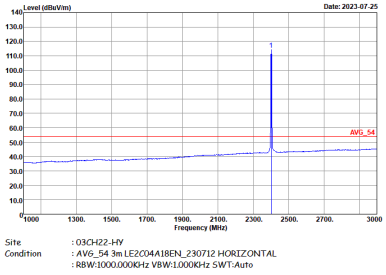
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
Peak		

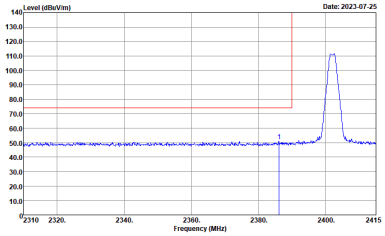
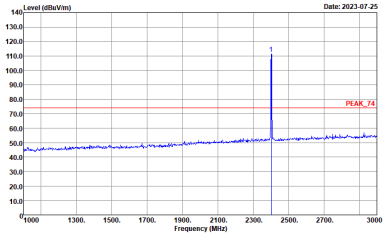
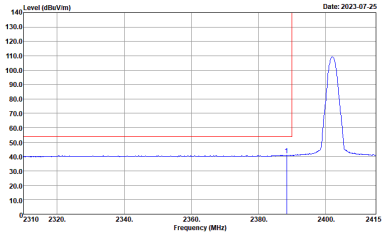
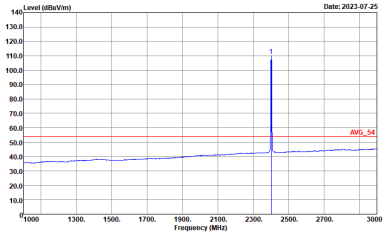
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

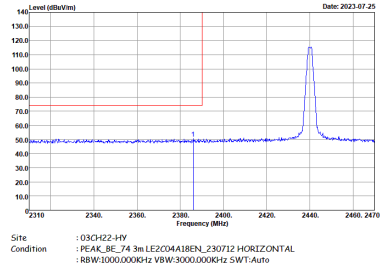
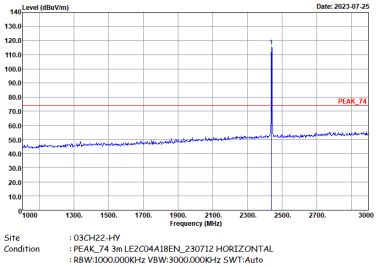
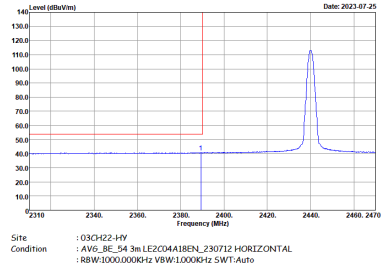
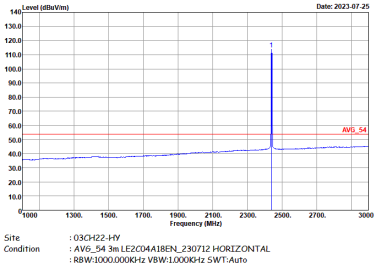
<Ant. 4>

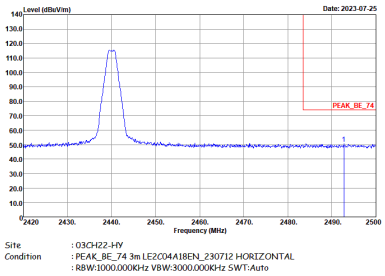
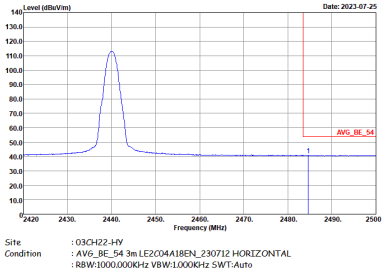
2.4GHz 2400~2483.5MHz

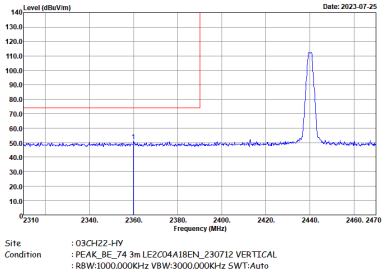
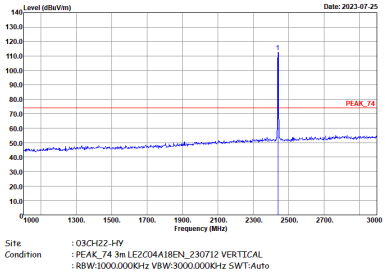
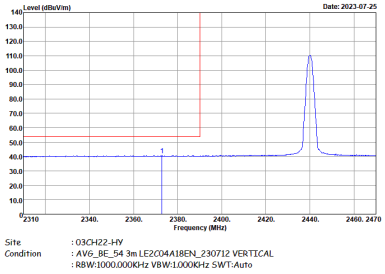
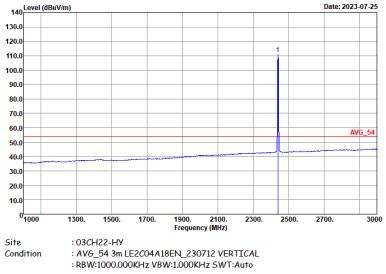
BLE (Band Edge @ 3m)

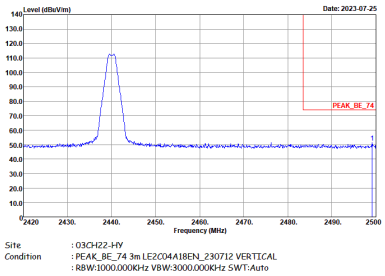
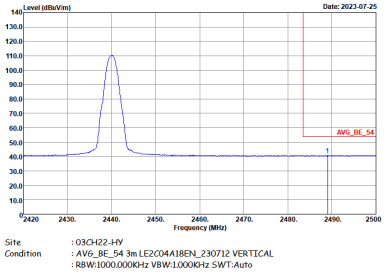
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Fundamental
Peak		
Avg.		

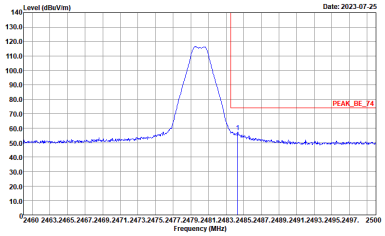
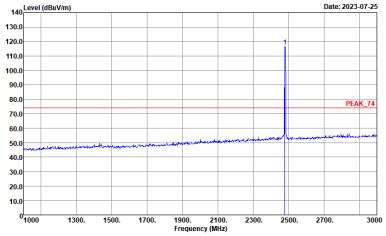
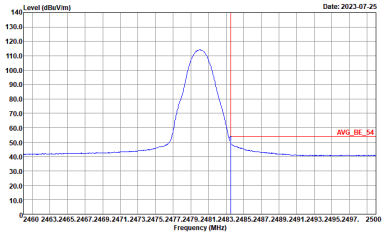
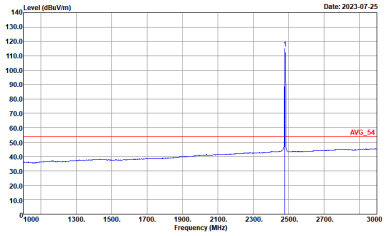
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

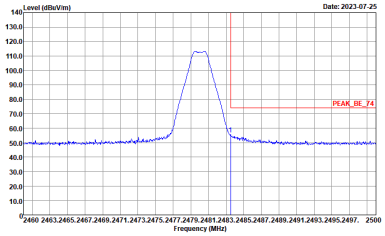
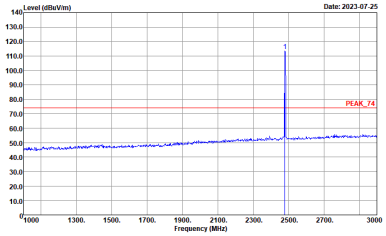
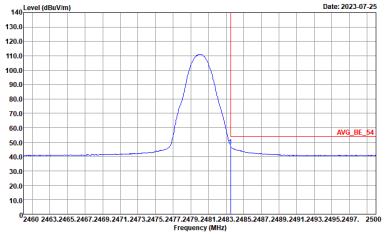
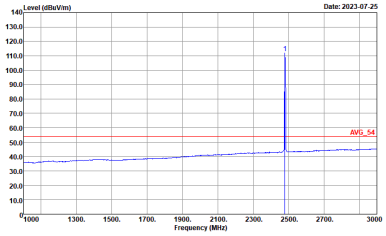
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Horizontal	Fundamental
Peak		
Avg.		

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Vertical	Fundamental
Peak		
Avg.		

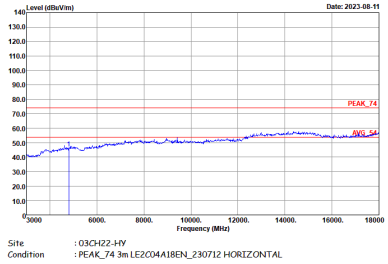
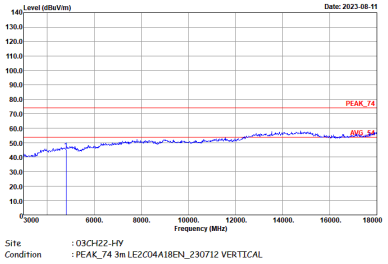
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

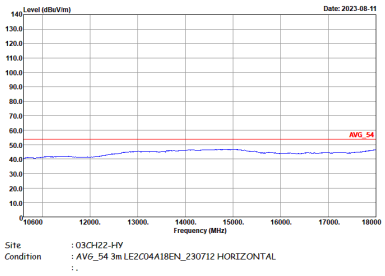
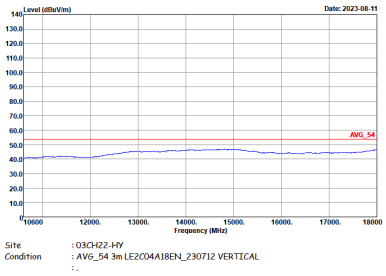
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

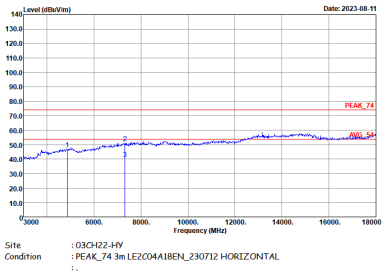
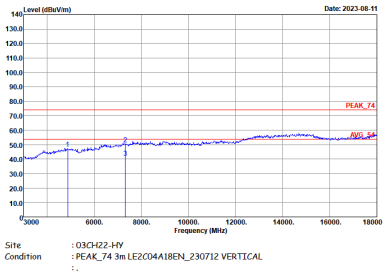
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

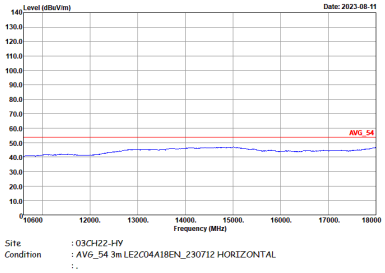
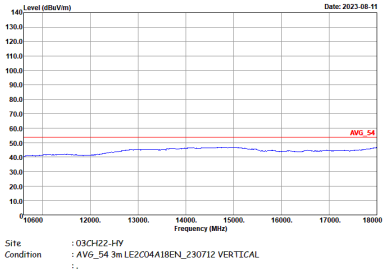
2.4GHz 2400~2483.5MHz

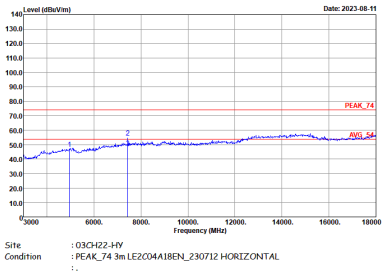
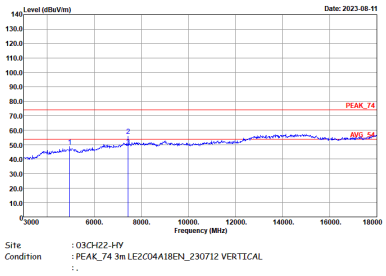
BLE (Harmonic @ 3m)

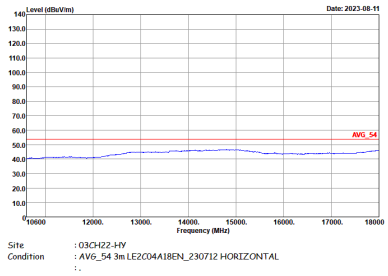
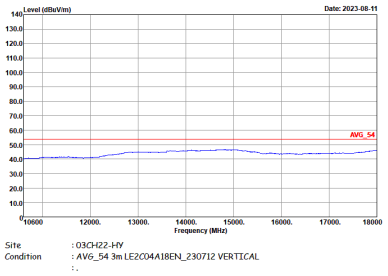
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
Peak Avg.		

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

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

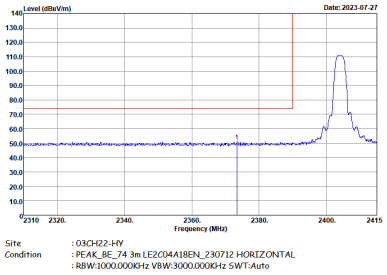
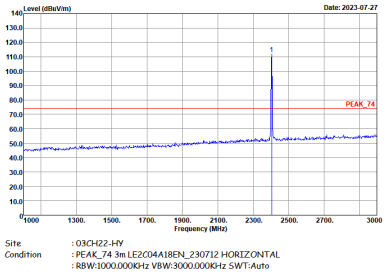
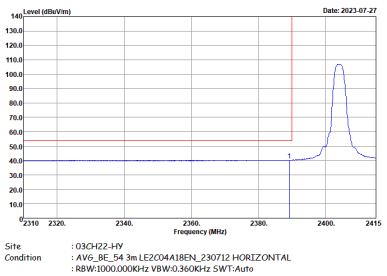
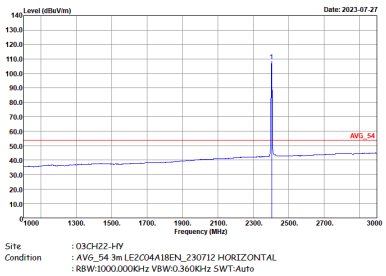
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
10.6G ~18G Avg.		

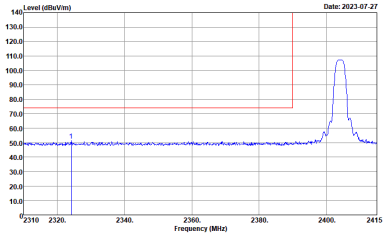
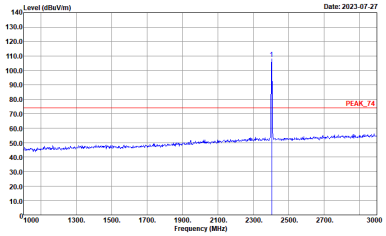
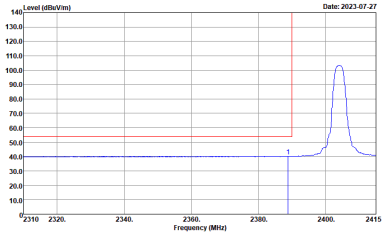
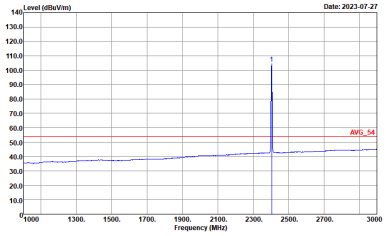
<HR 4Mbps>

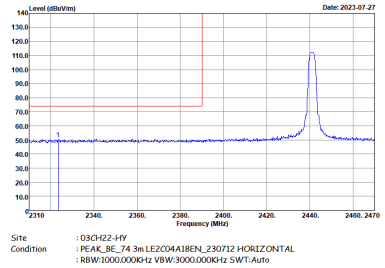
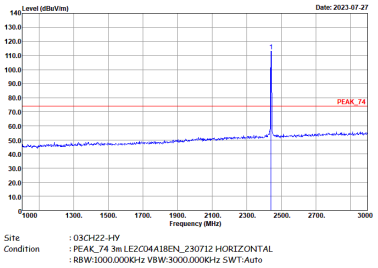
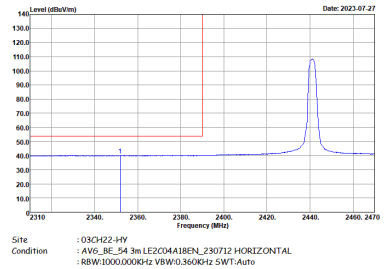
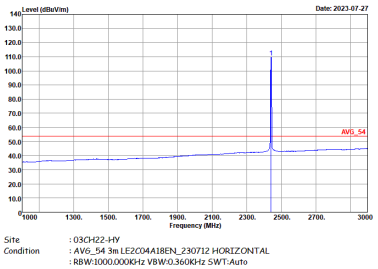
<Ant. 3>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH02 2404MHz	
	Horizontal	Fundamental
Peak		
Avg.		

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH02 2404MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.360KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_230712 VERTICAL : RBW:1000.000KHz VBW:0.360KHz SWT:Auto

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH39 2441MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HV Condition : PEAK_BE_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HV Condition : PEAK_74 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HV Condition : AVG_BE_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.360KHz SWT:Auto	 Site : 03CH22-HV Condition : AVG_54 3m LE2C04A18EN_230712 HORIZONTAL : RBW:1000.000KHz VBW:0.360KHz SWT:Auto