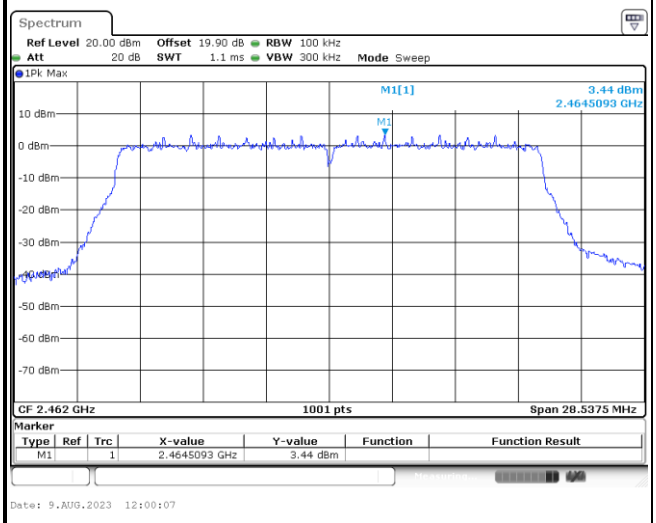
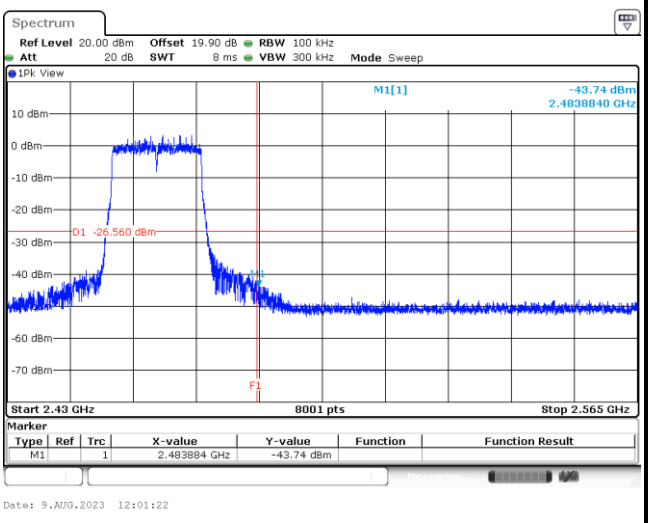
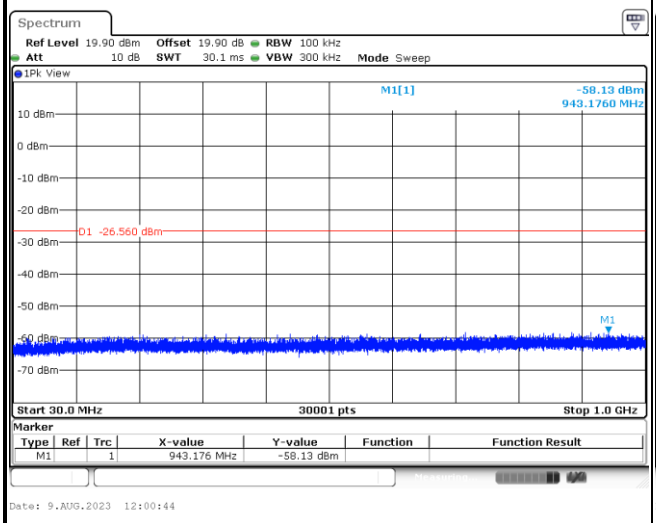
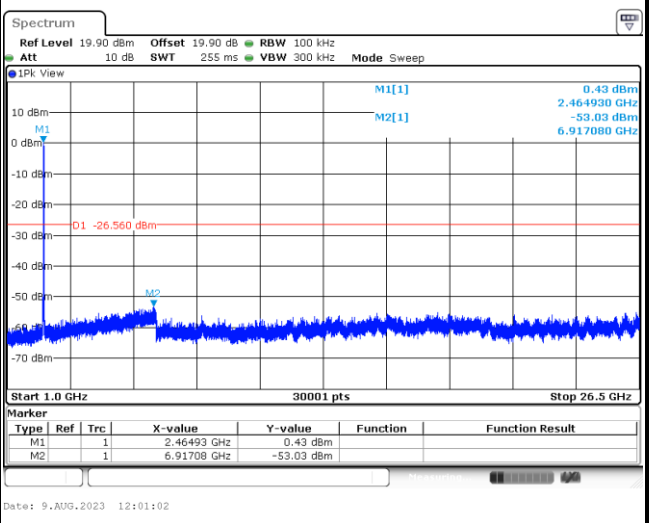
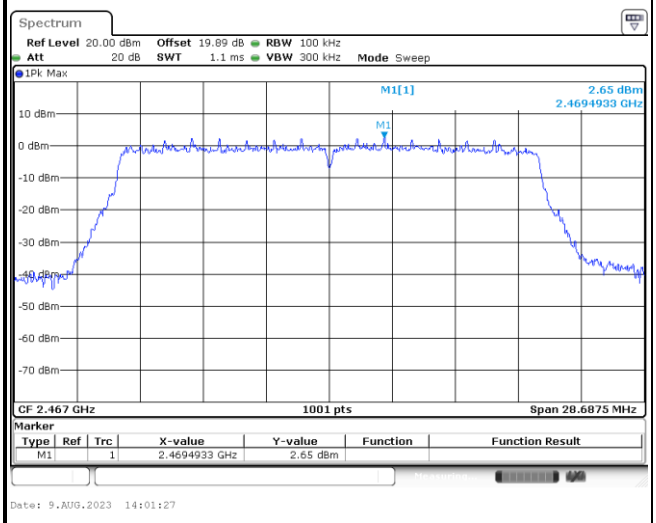
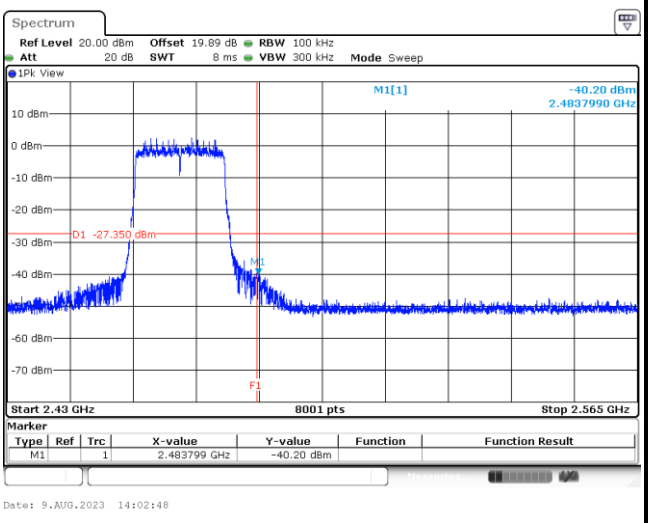
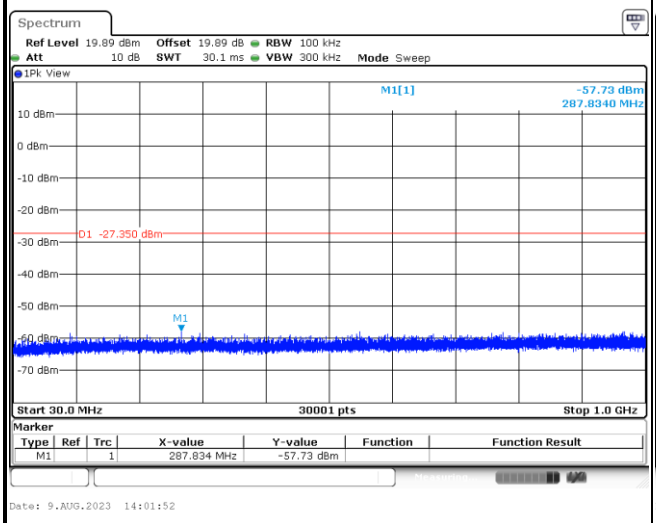
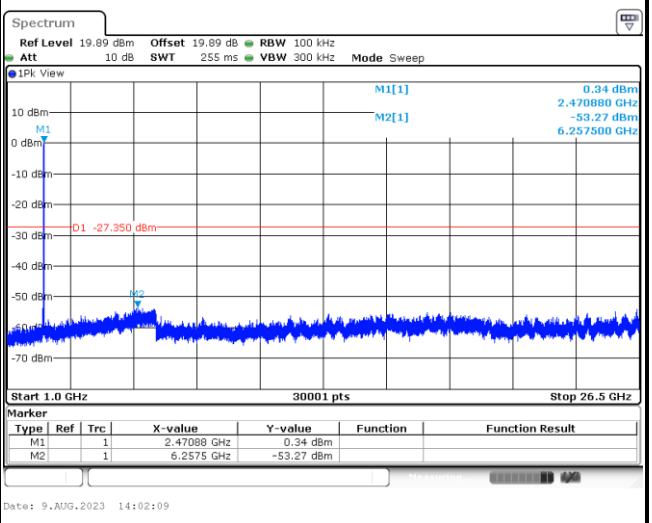
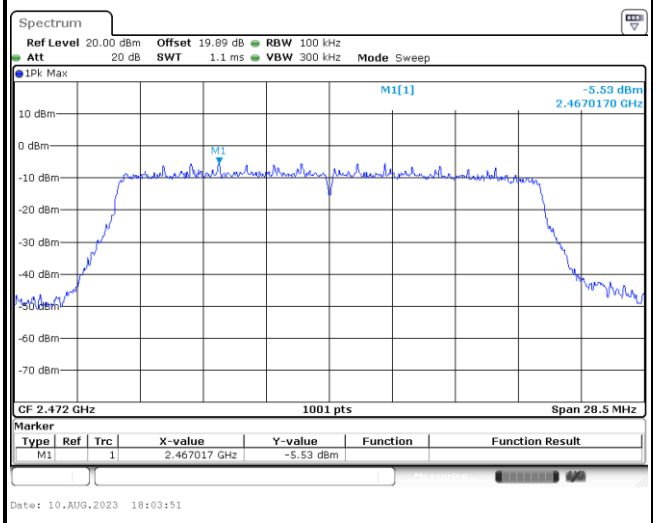
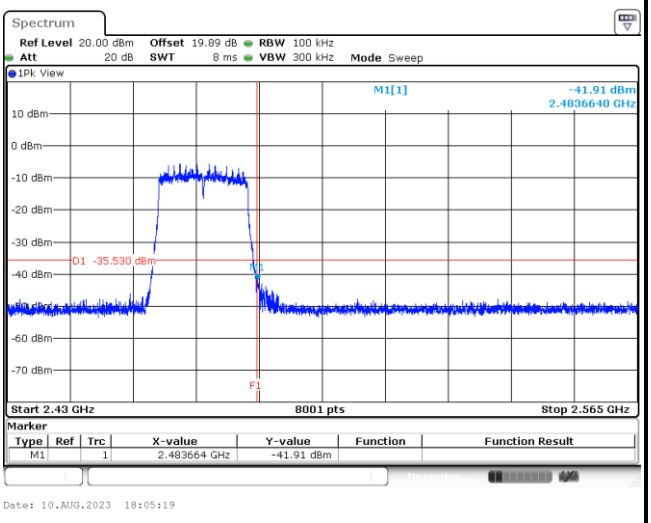
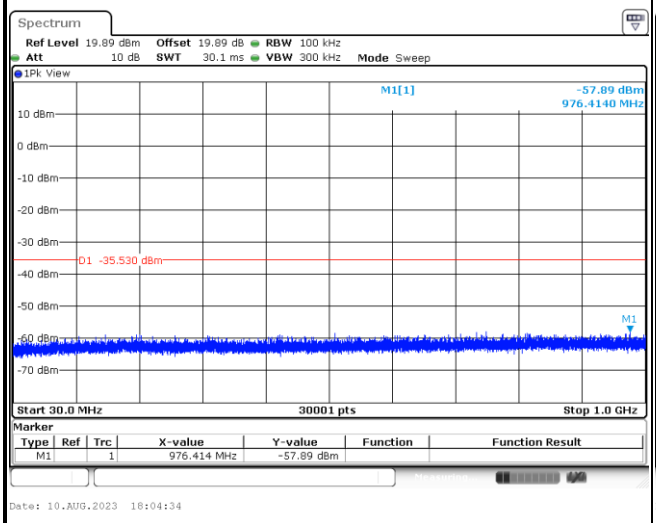
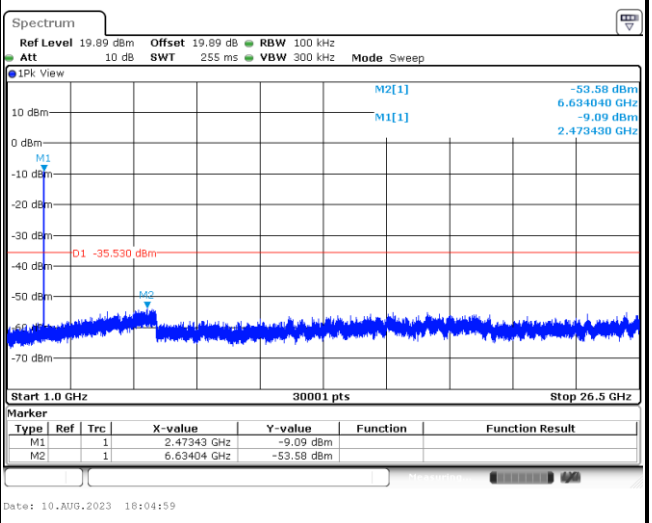
Test Mode :	802.11ax HE20	Test Channel :	11 Full RU

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

Test Mode :	802.11ax HE20	Test Channel :	12 Full RU

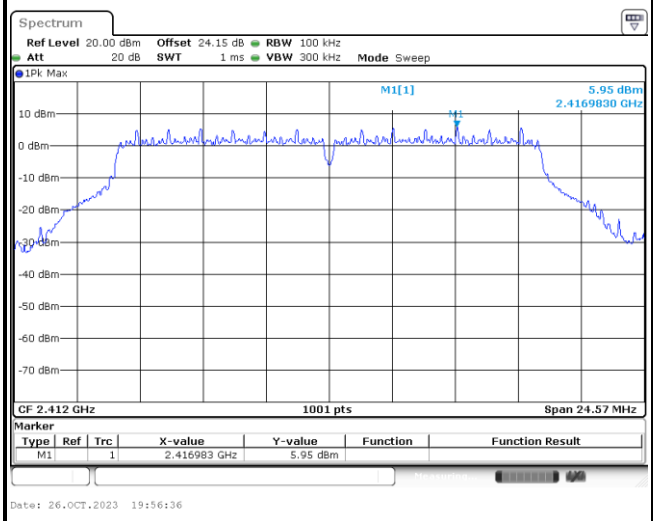
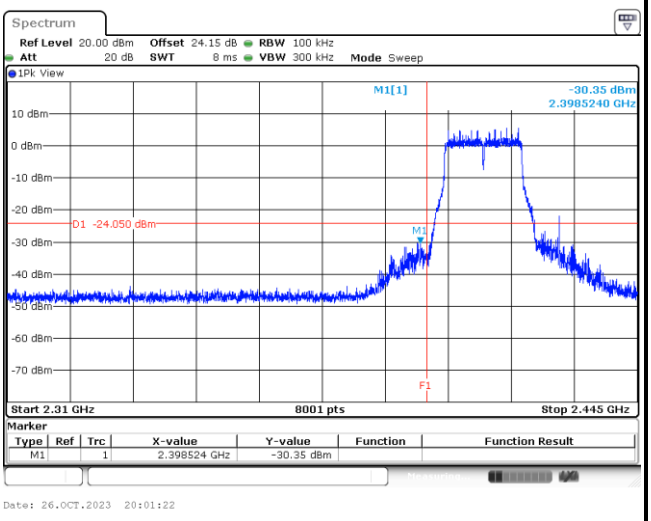
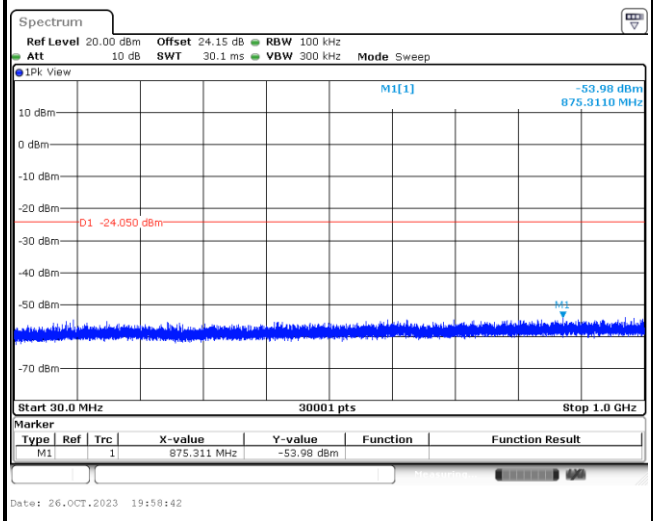
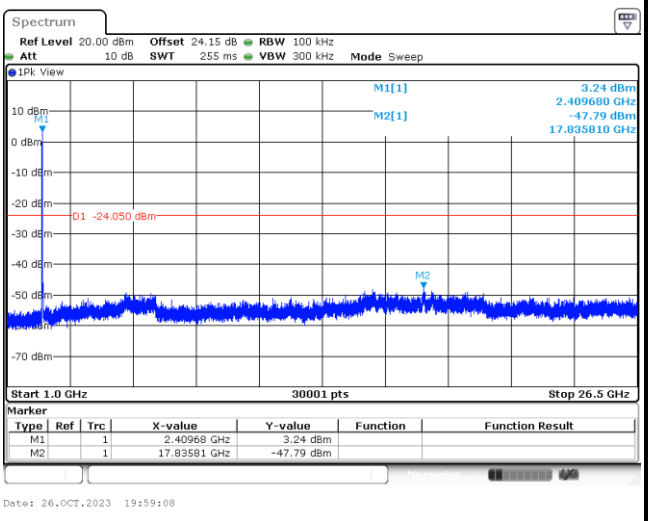
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

Test Mode :	802.11ax HE20	Test Channel :	13 Full Ru

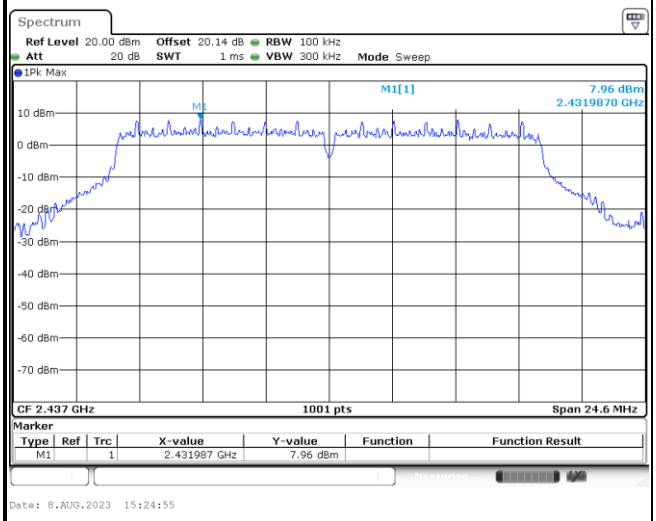
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

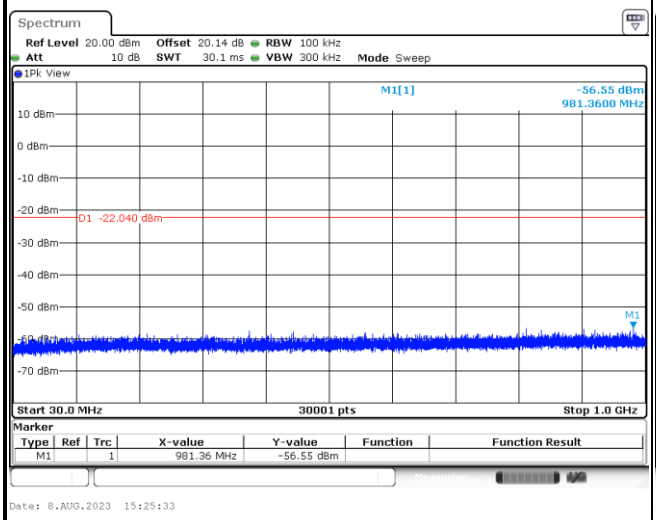
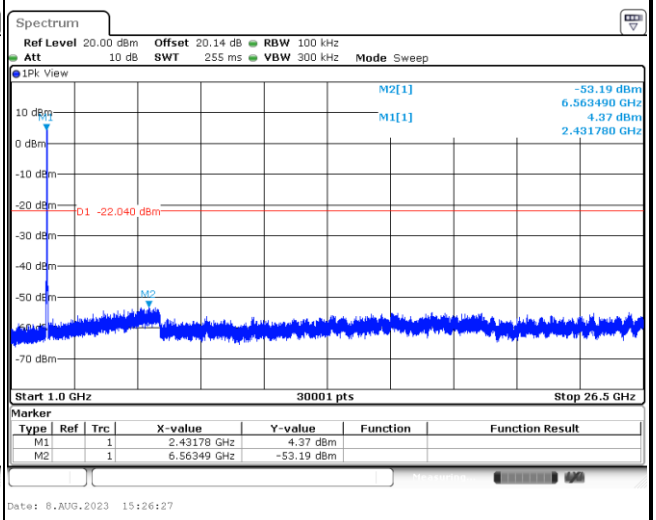
Number of TX = 2, Ant. 3 (Measured)

Test Mode :	802.11g	Test Channel :	01

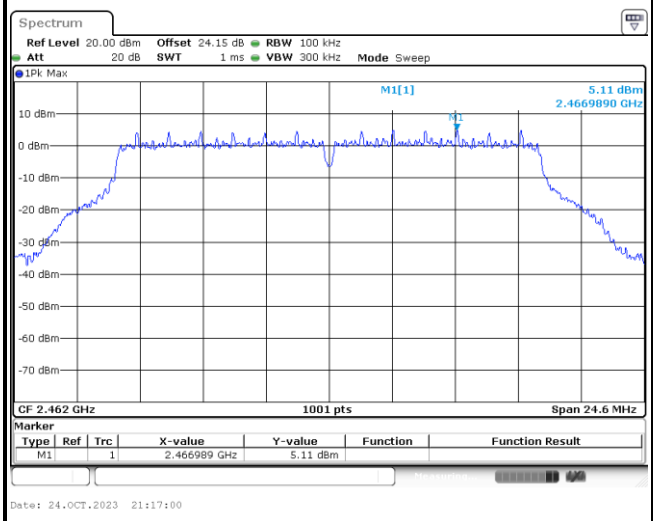
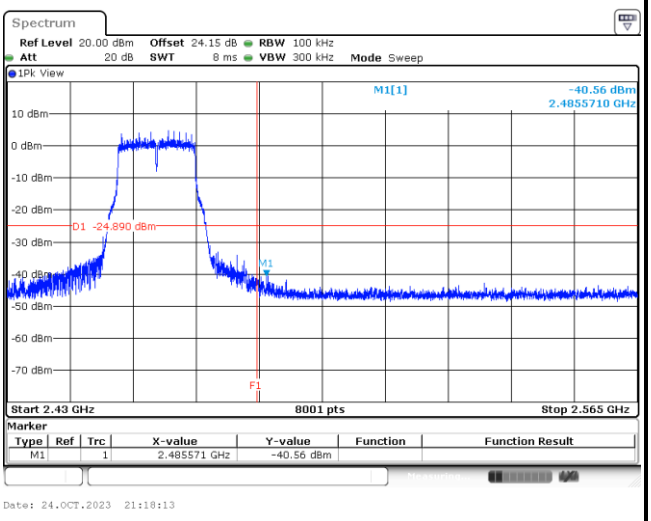
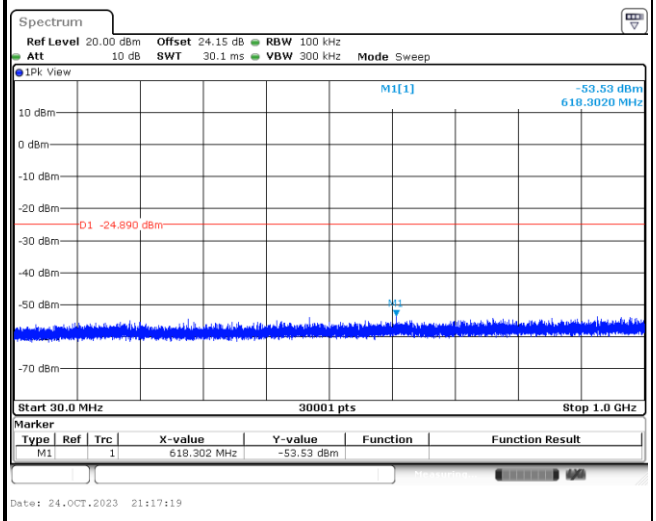
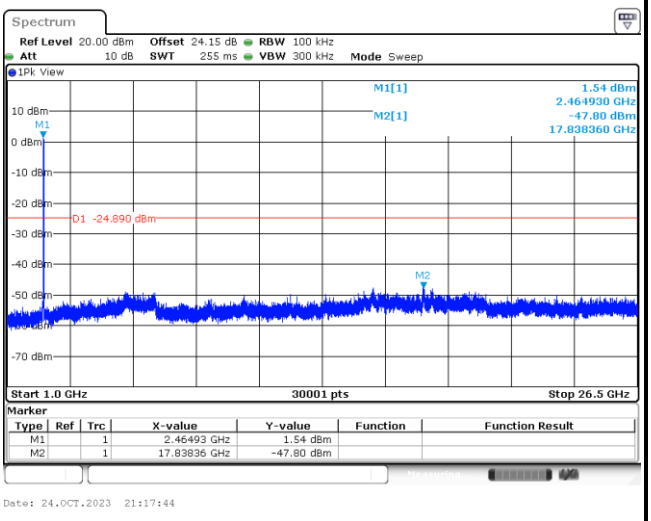
100kHz PSD reference Level	Low Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

Test Mode :	802.11g	Test Channel :	06

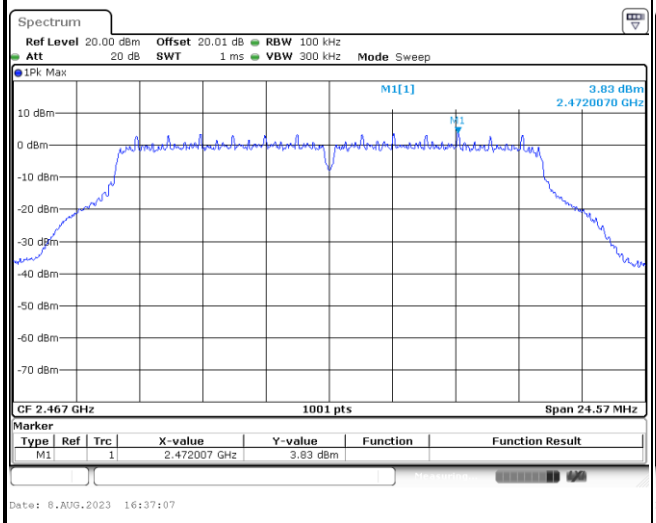
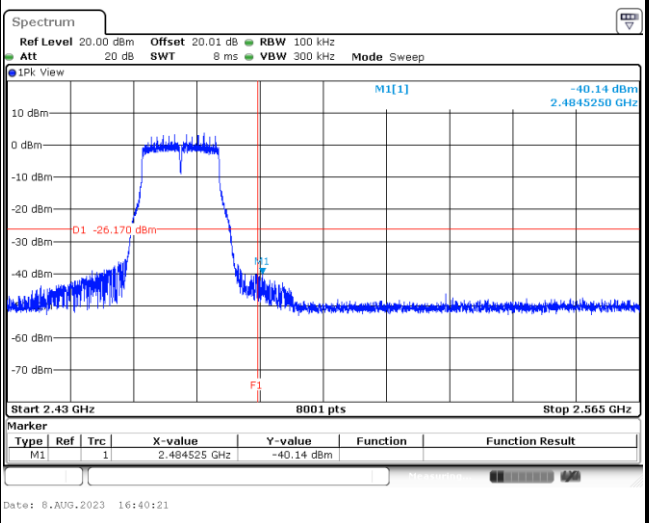
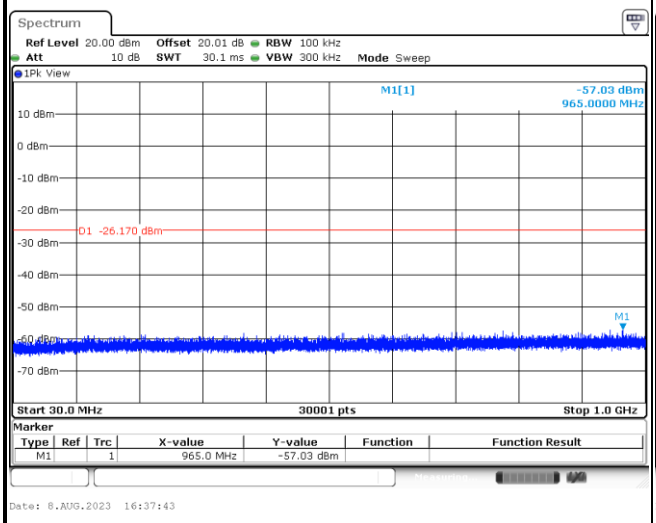
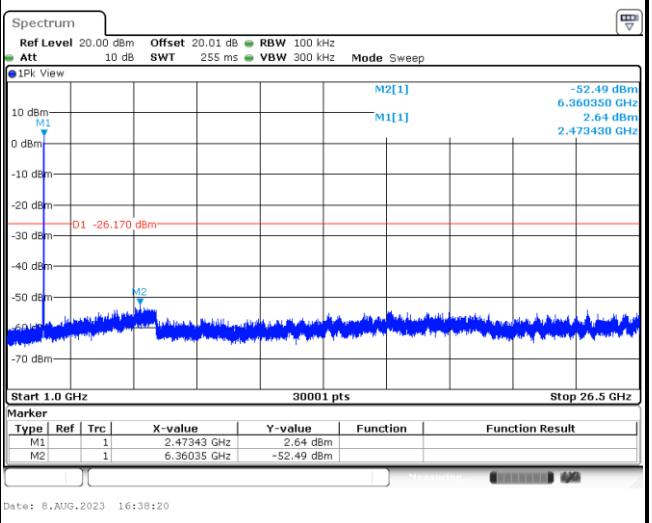
100kHz PSD reference Level	Mid Channel Plot
	

Spurious Emission 30MHz~1GHz	Spurious Emission 1GHz~26.5GHz
	

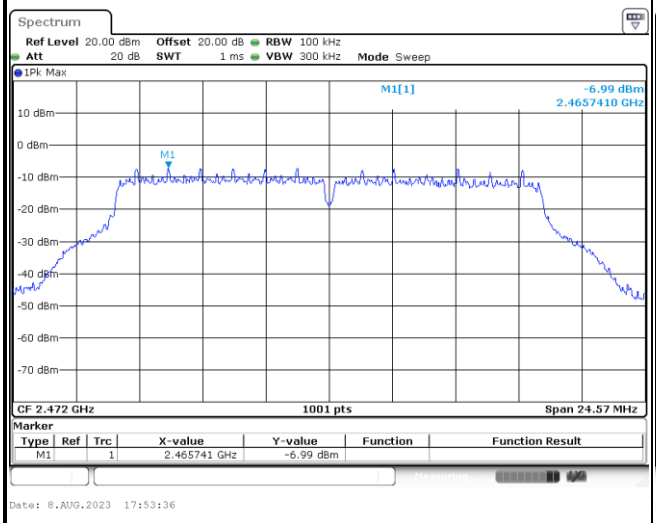
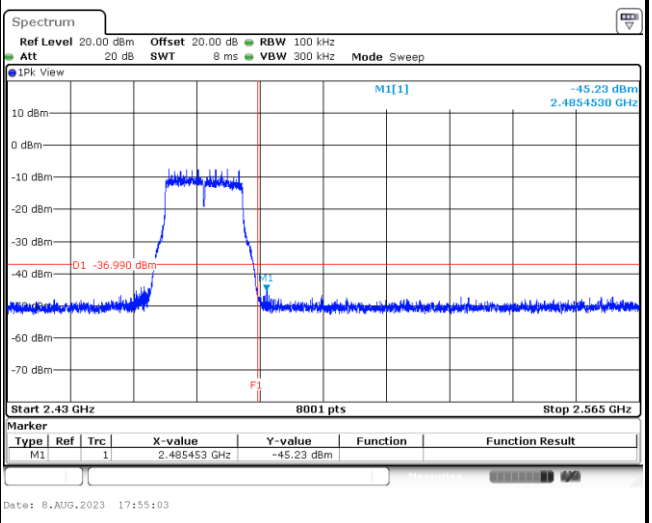
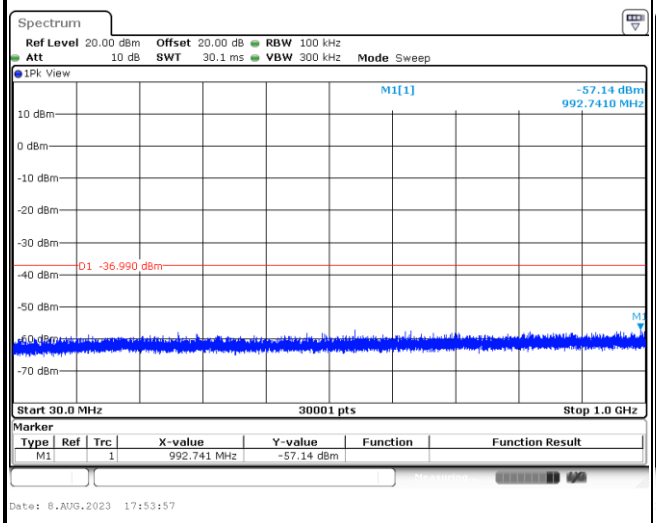
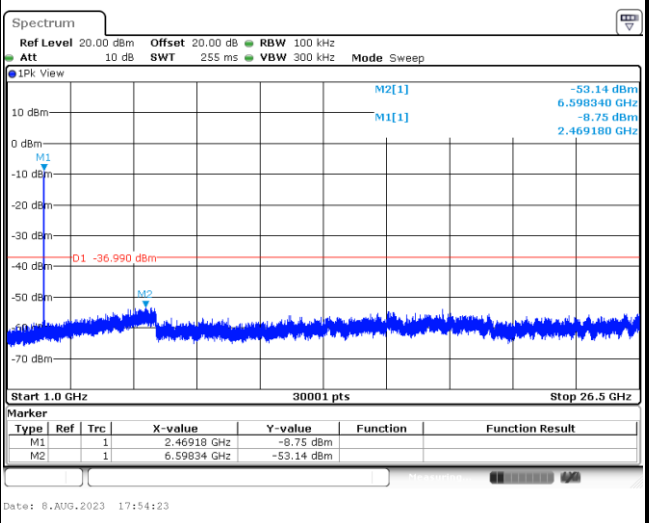
Test Mode :	802.11g	Test Channel :	11

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

Test Mode :	802.11g	Test Channel :	12

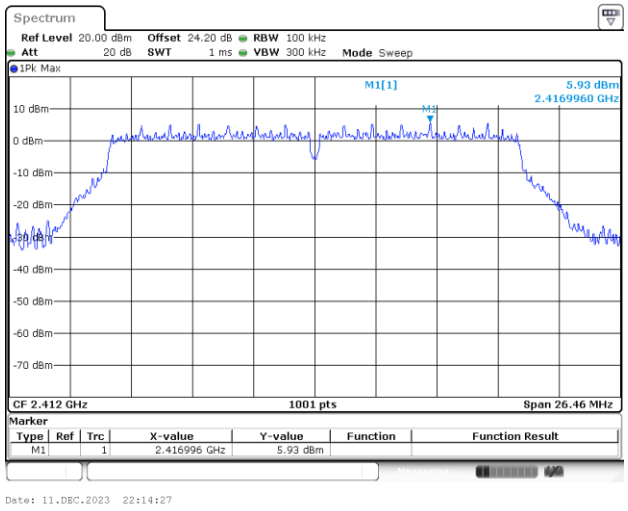
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

Test Mode :	802.11g	Test Channel :	13

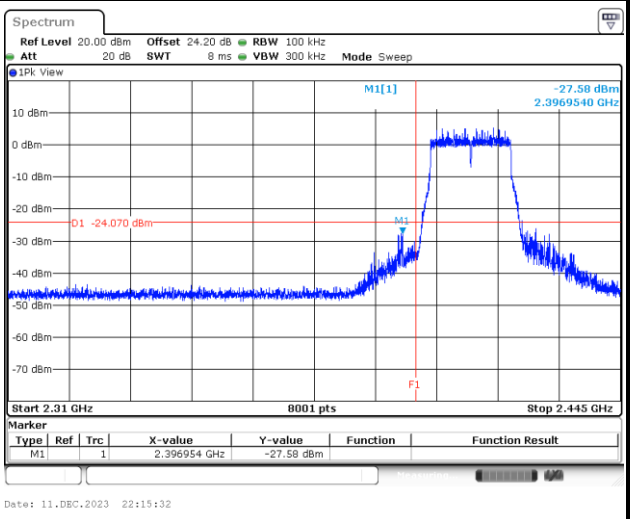
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

Test Mode :	802.11n HT20	Test Channel :	01

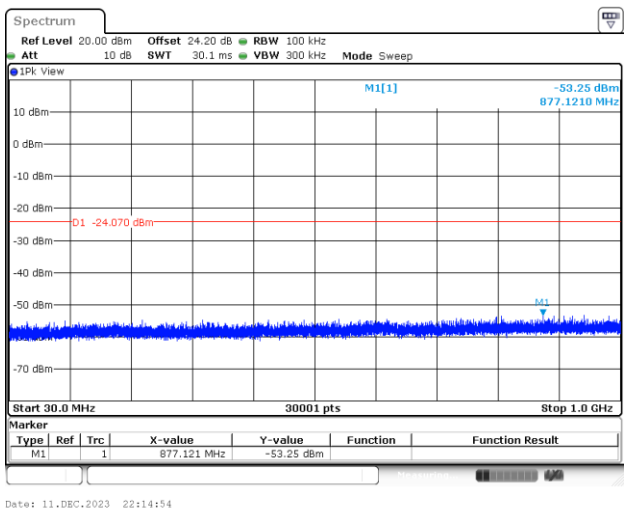
100kHz PSD reference Level



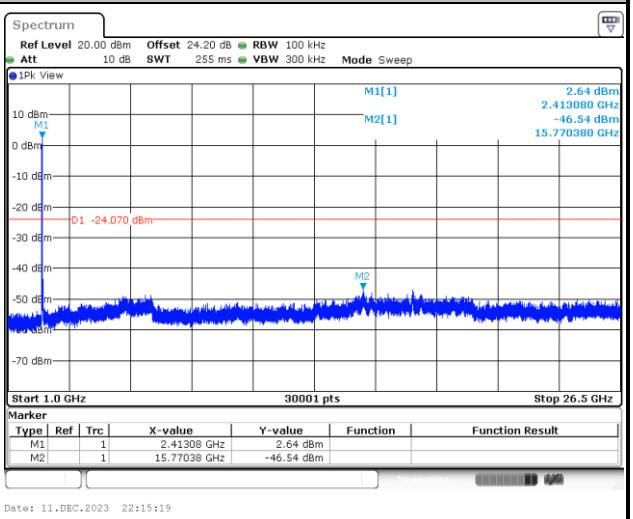
Low Channel Plot



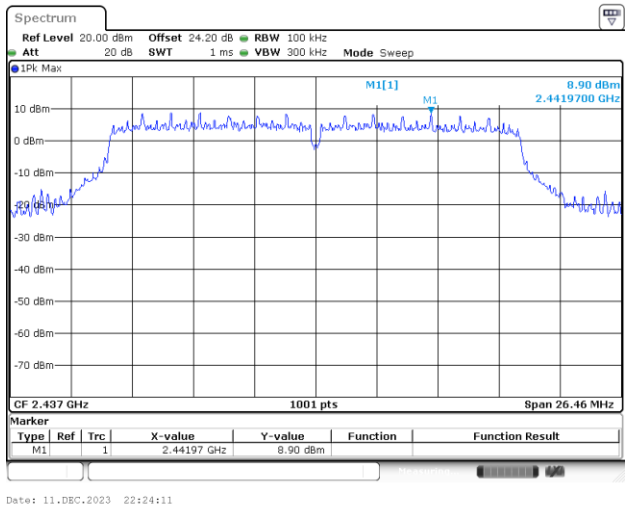
Spurious Emission 30MHz~1GHz

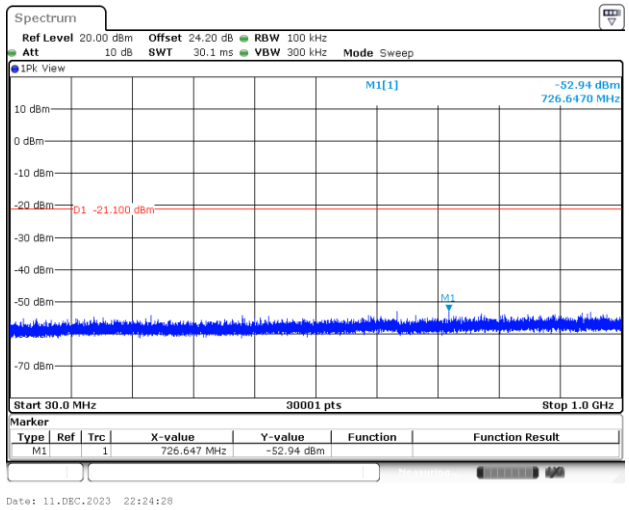
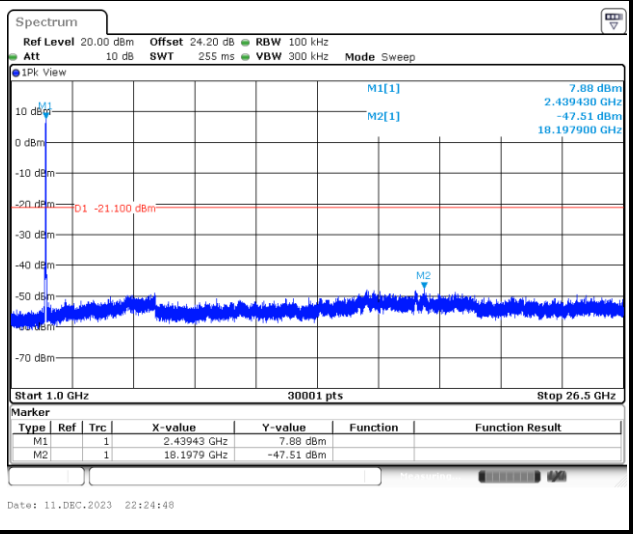


Spurious Emission 1GHz~26.5GHz



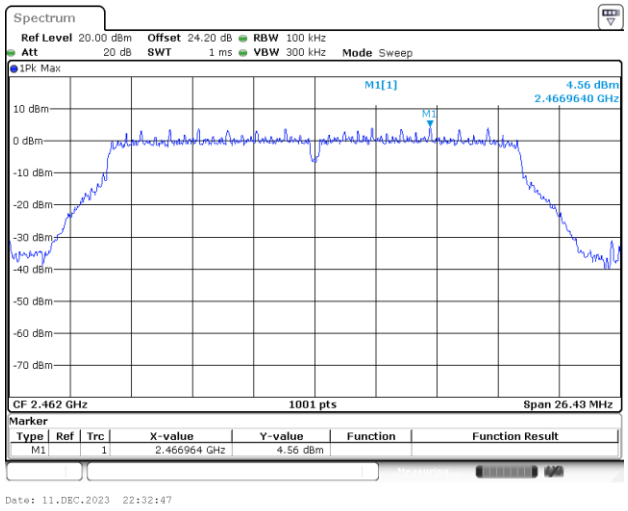
Test Mode :	802.11n HT20	Test Channel :	06

100kHz PSD reference Level	High Channel Plot
	

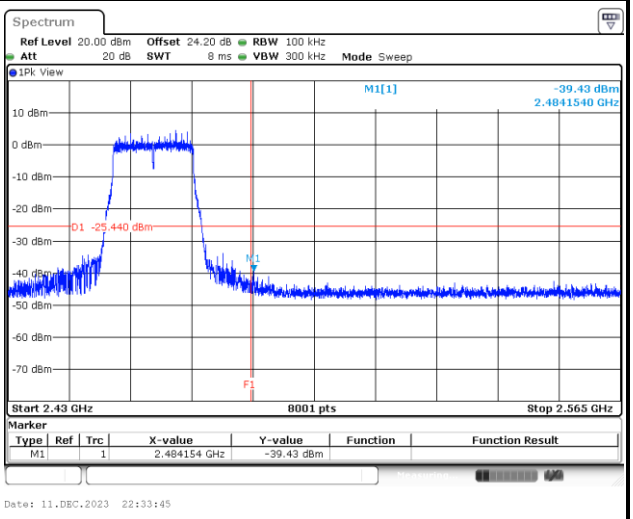
Spurious Emission 30MHz~1GHz	Spurious Emission 1GHz~26.5GHz
	

Test Mode :	802.11n HT20	Test Channel :	11

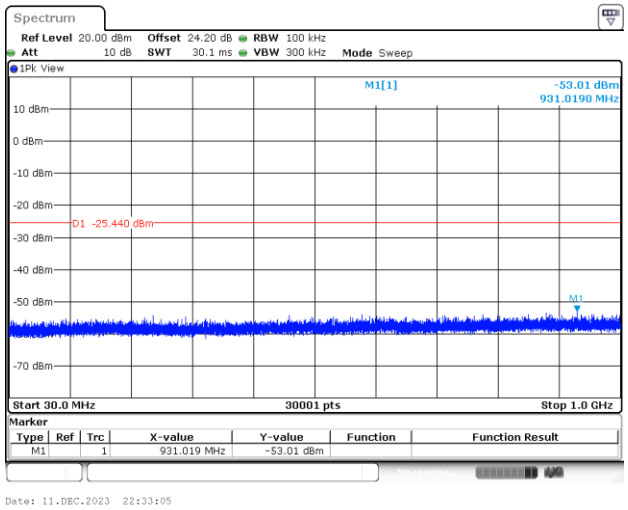
100kHz PSD reference Level



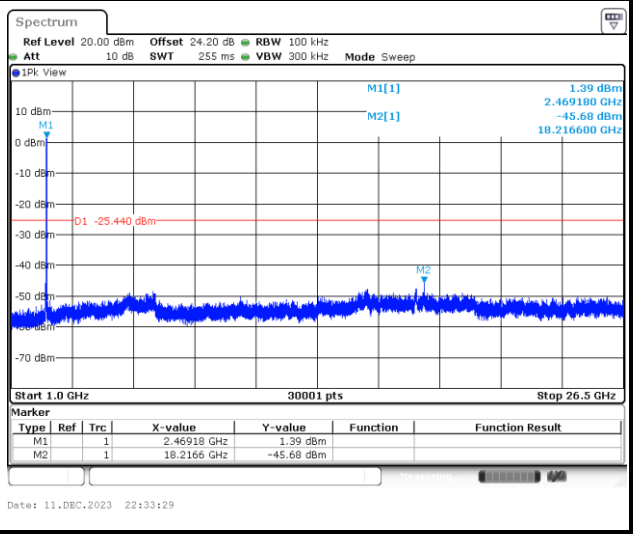
Middle Channel Plot



Spurious Emission 30MHz~1GHz

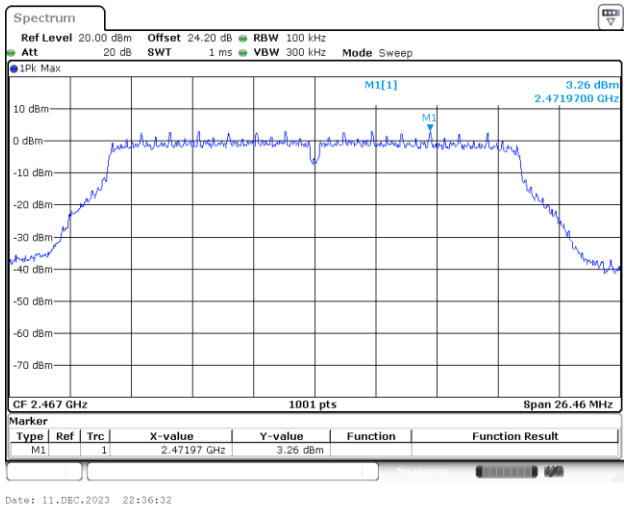


Spurious Emission 1GHz~26.5GHz

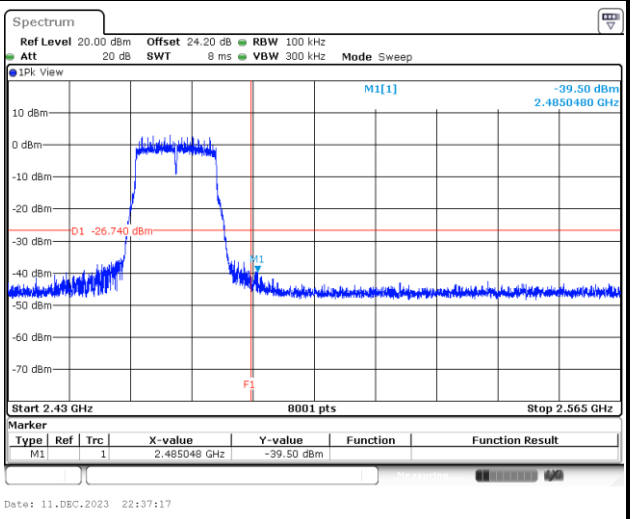


Test Mode :	802.11n HT20	Test Channel :	12

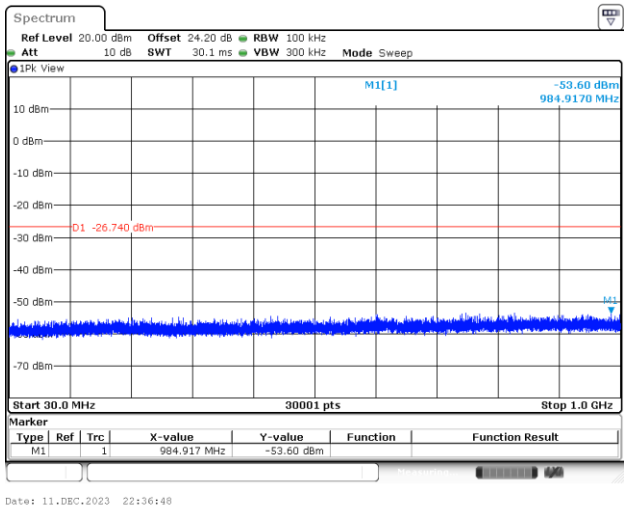
100kHz PSD reference Level



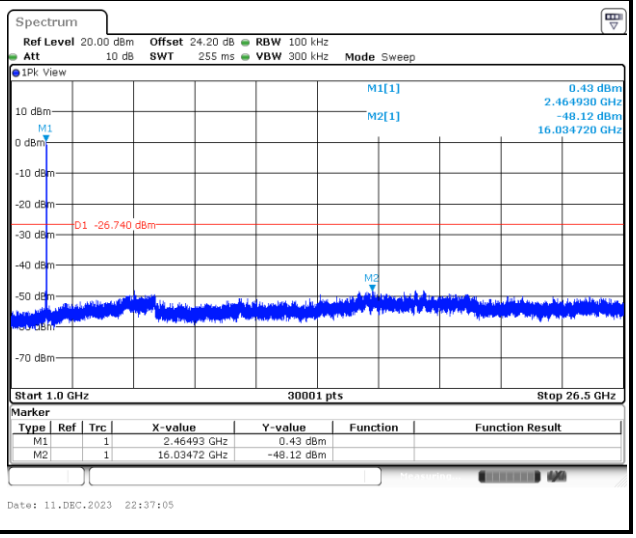
High Channel Plot



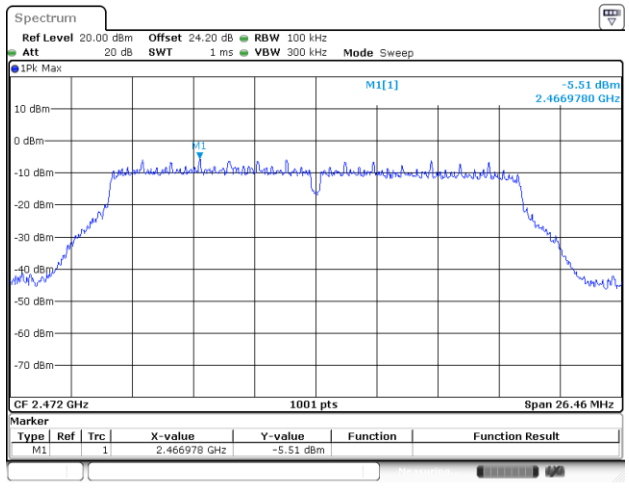
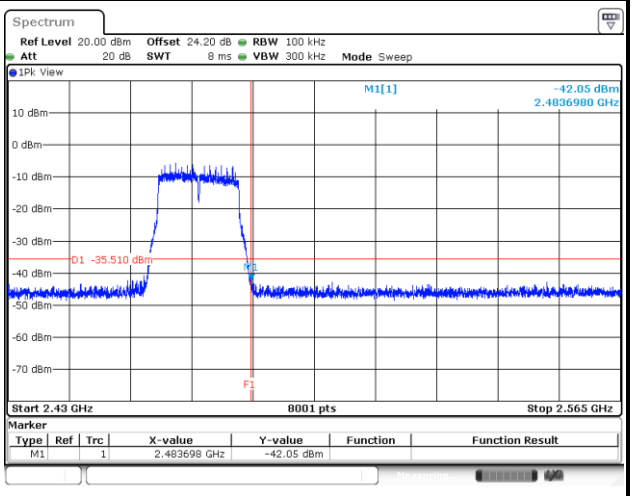
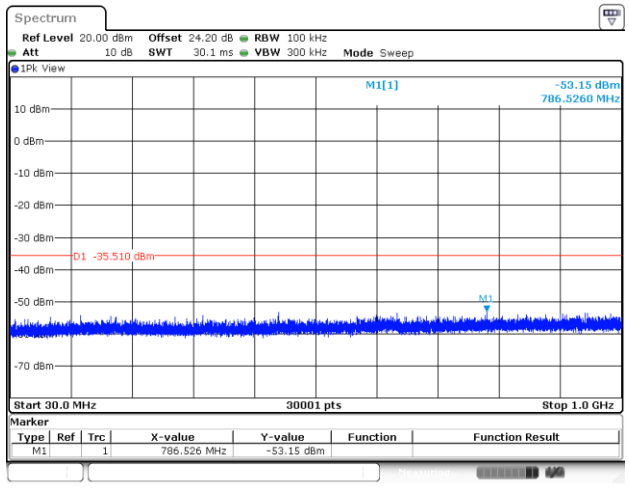
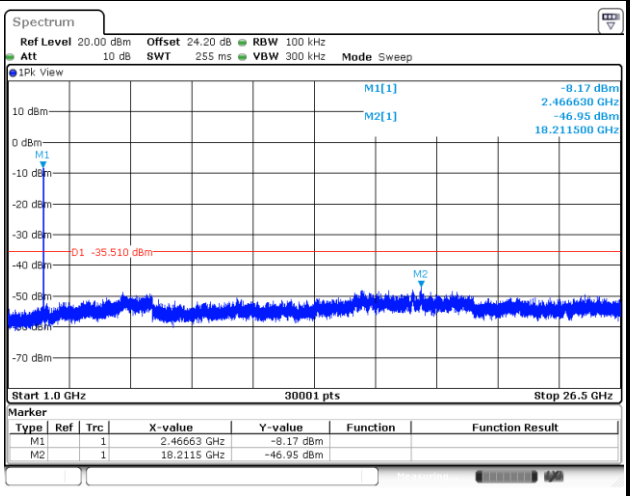
Spurious Emission 30MHz~1GHz



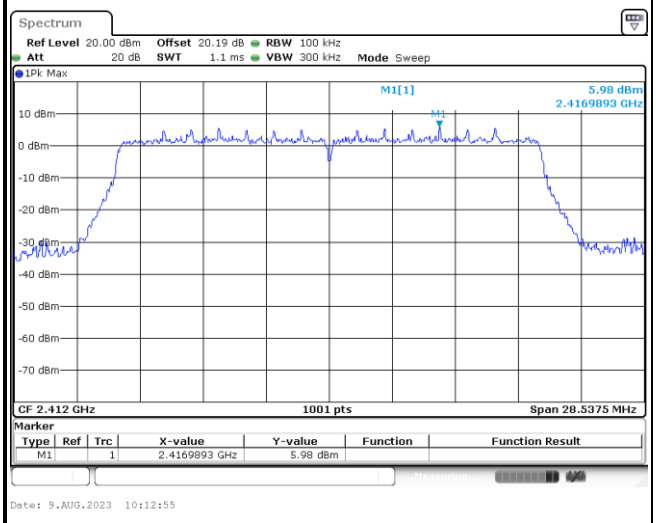
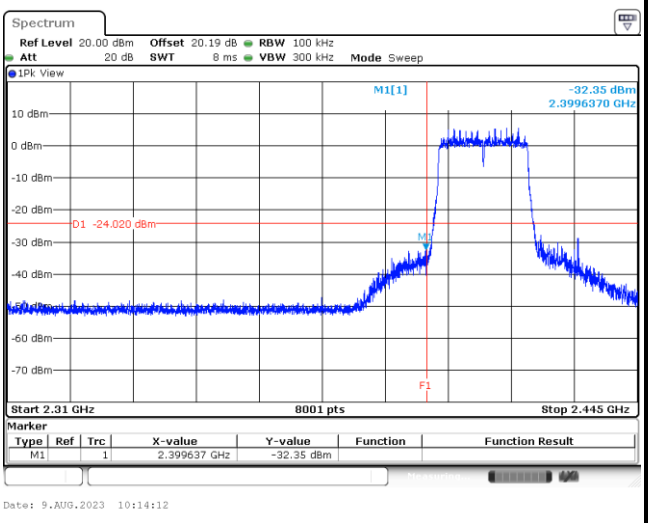
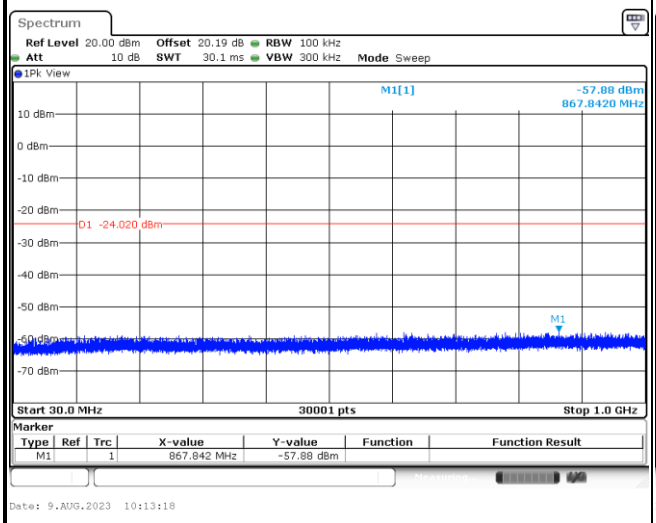
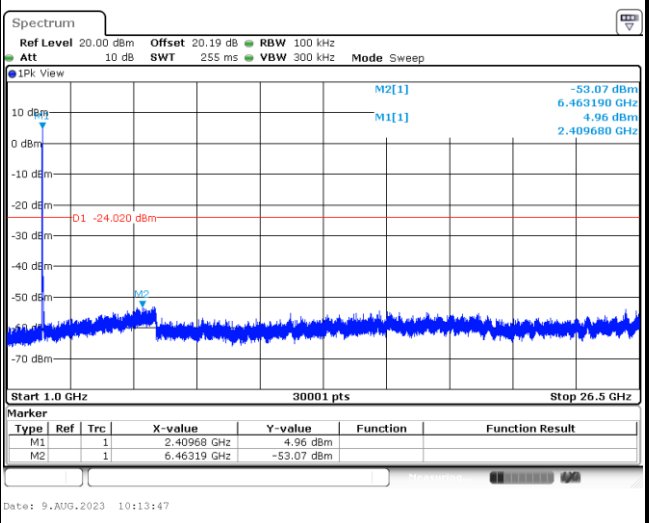
Spurious Emission 1GHz~26.5GHz



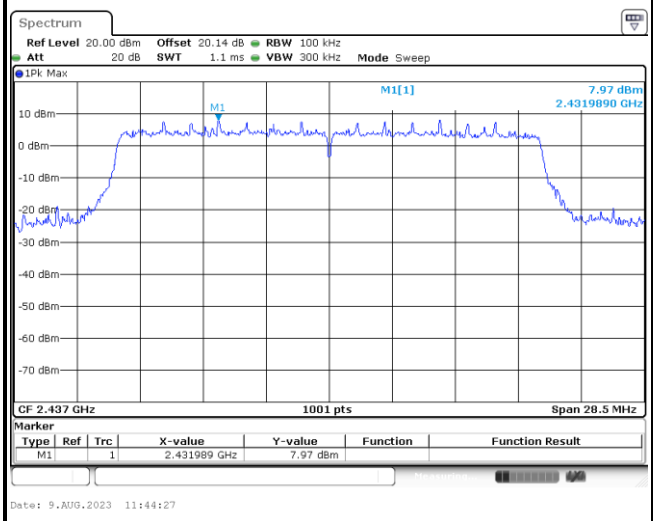
Test Mode :	802.11n HT20	Test Channel :	13

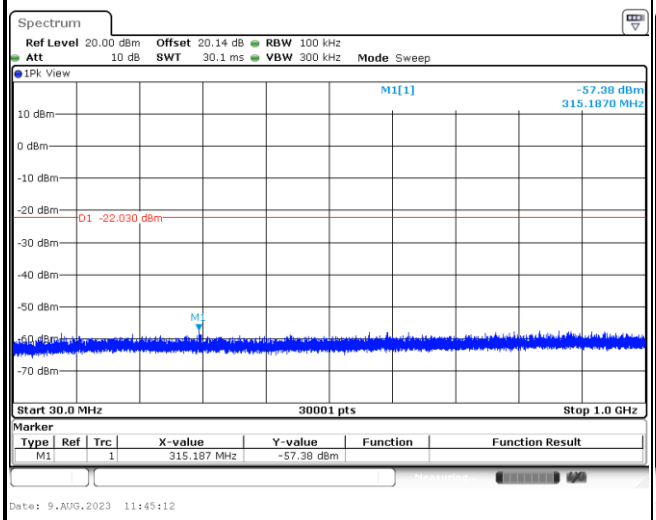
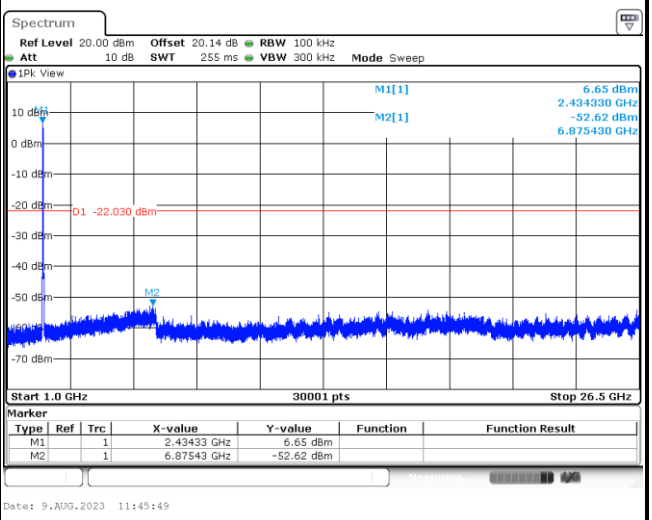
100kHz PSD reference Level	Low Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

Test Mode :	802.11ax HE20	Test Channel :	01 Full RU

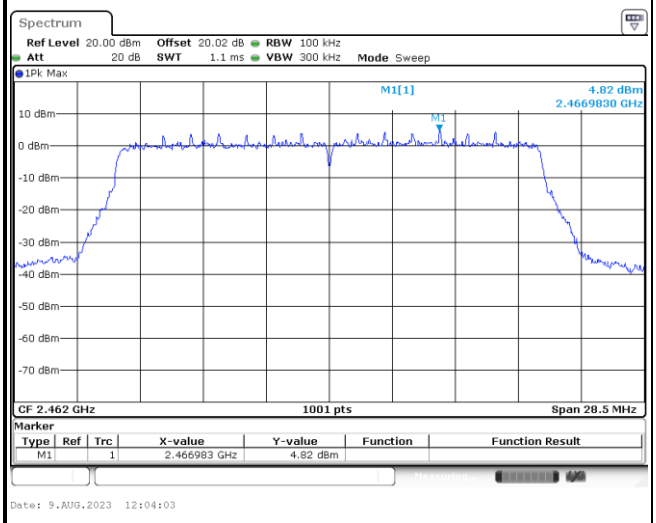
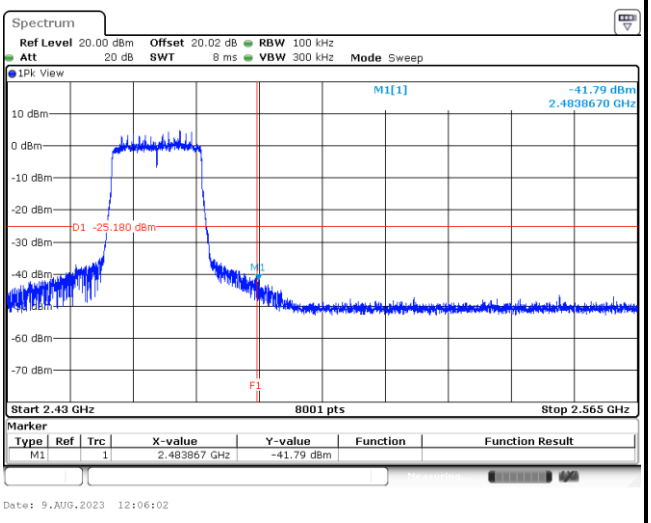
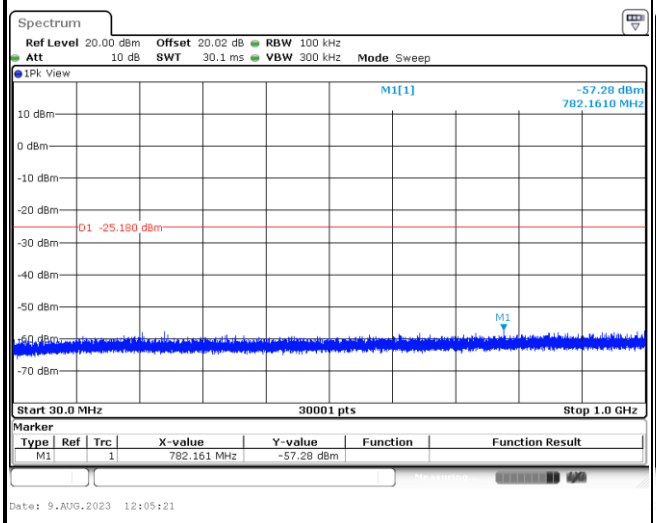
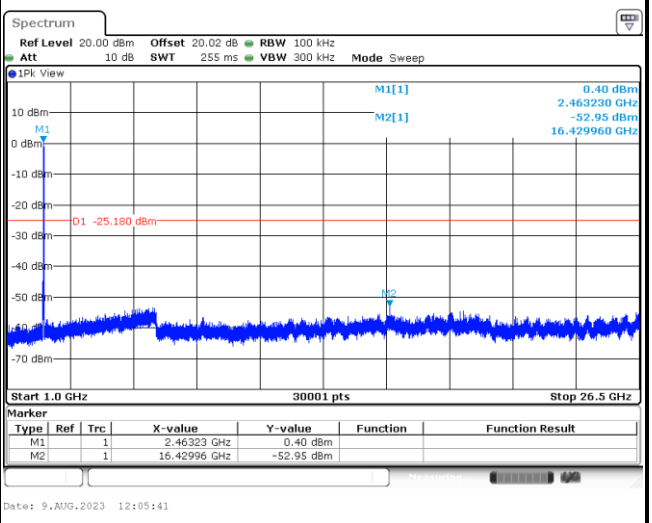
100kHz PSD reference Level	Low Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

Test Mode :	802.11ax HE20	Test Channel :	06 Full RU

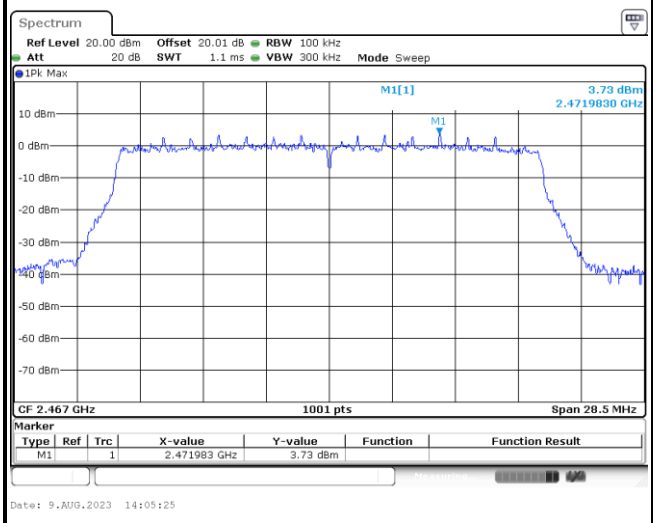
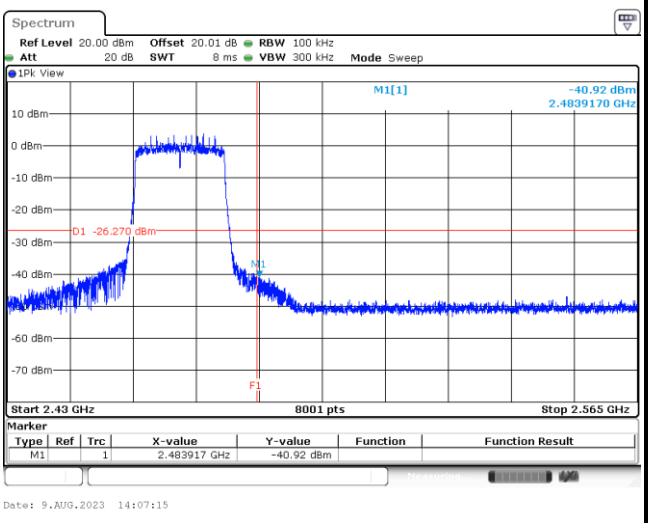
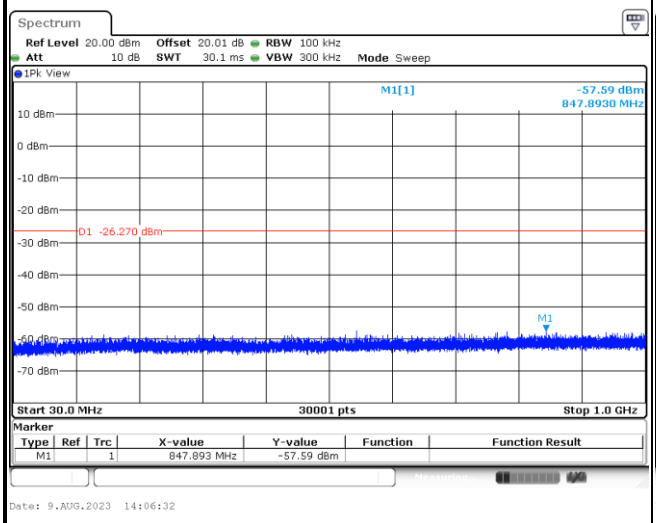
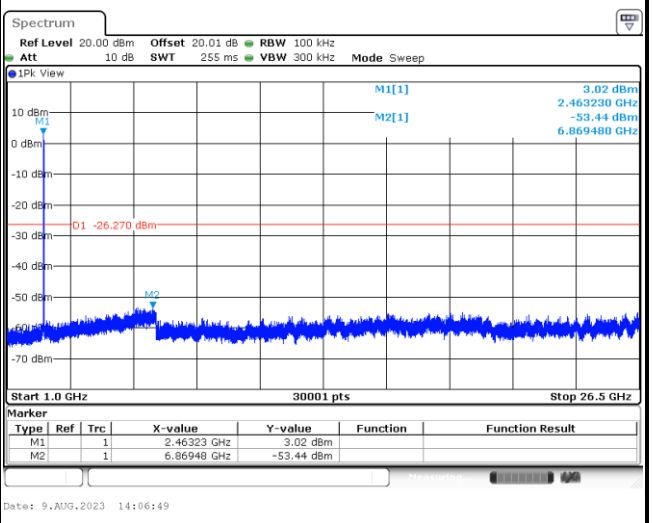
100kHz PSD reference Level	Mid Channel Plot
	

Spurious Emission 30MHz~1GHz	Spurious Emission 1GHz~26.5GHz
	

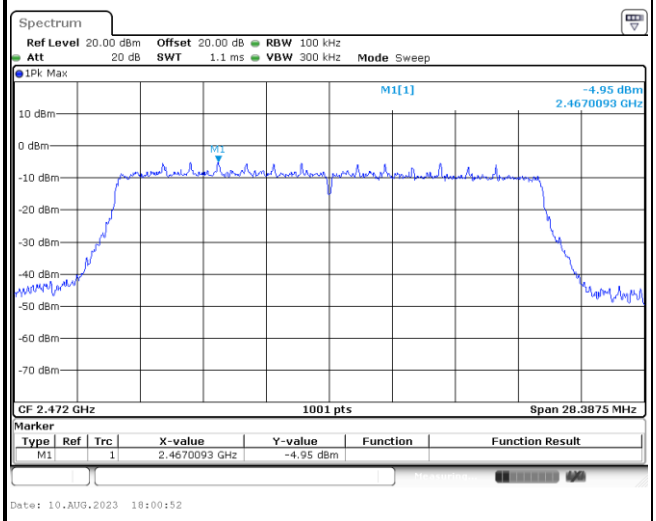
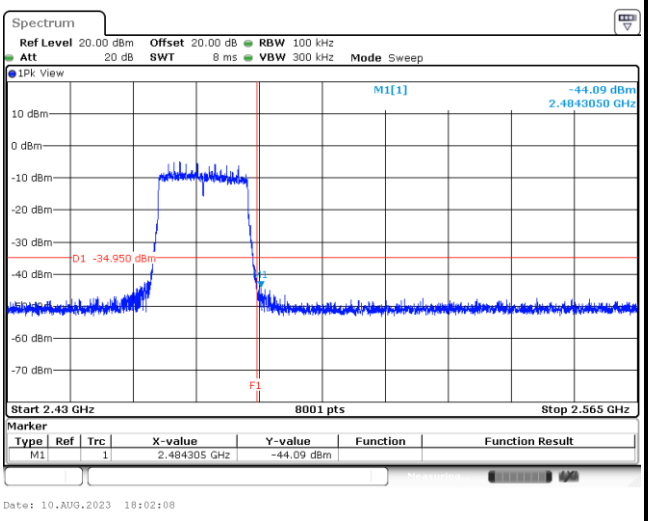
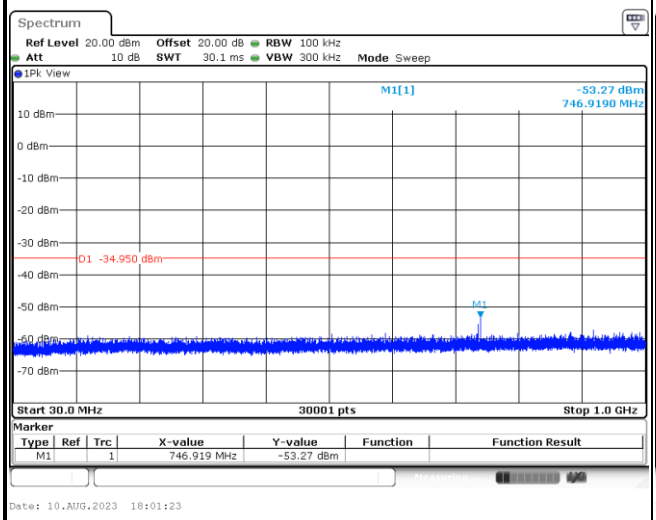
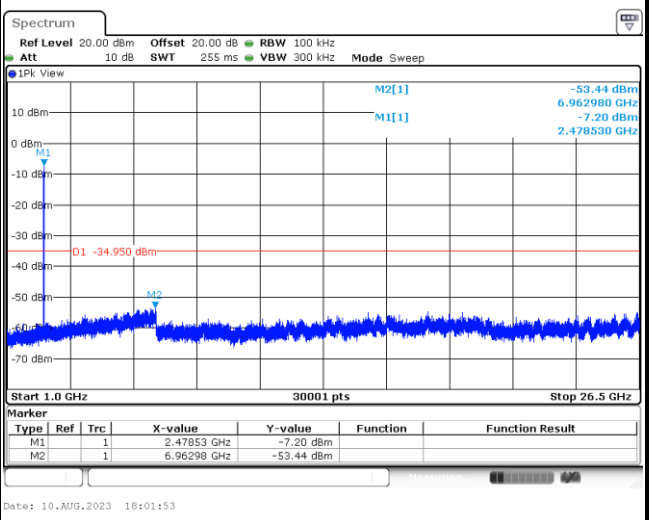
Test Mode :	802.11ax HE20	Test Channel :	11 Full RU

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

Test Mode :	802.11ax HE20	Test Channel :	12 Full RU

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

Test Mode :	802.11ax HE20	Test Channel :	13 Full RU

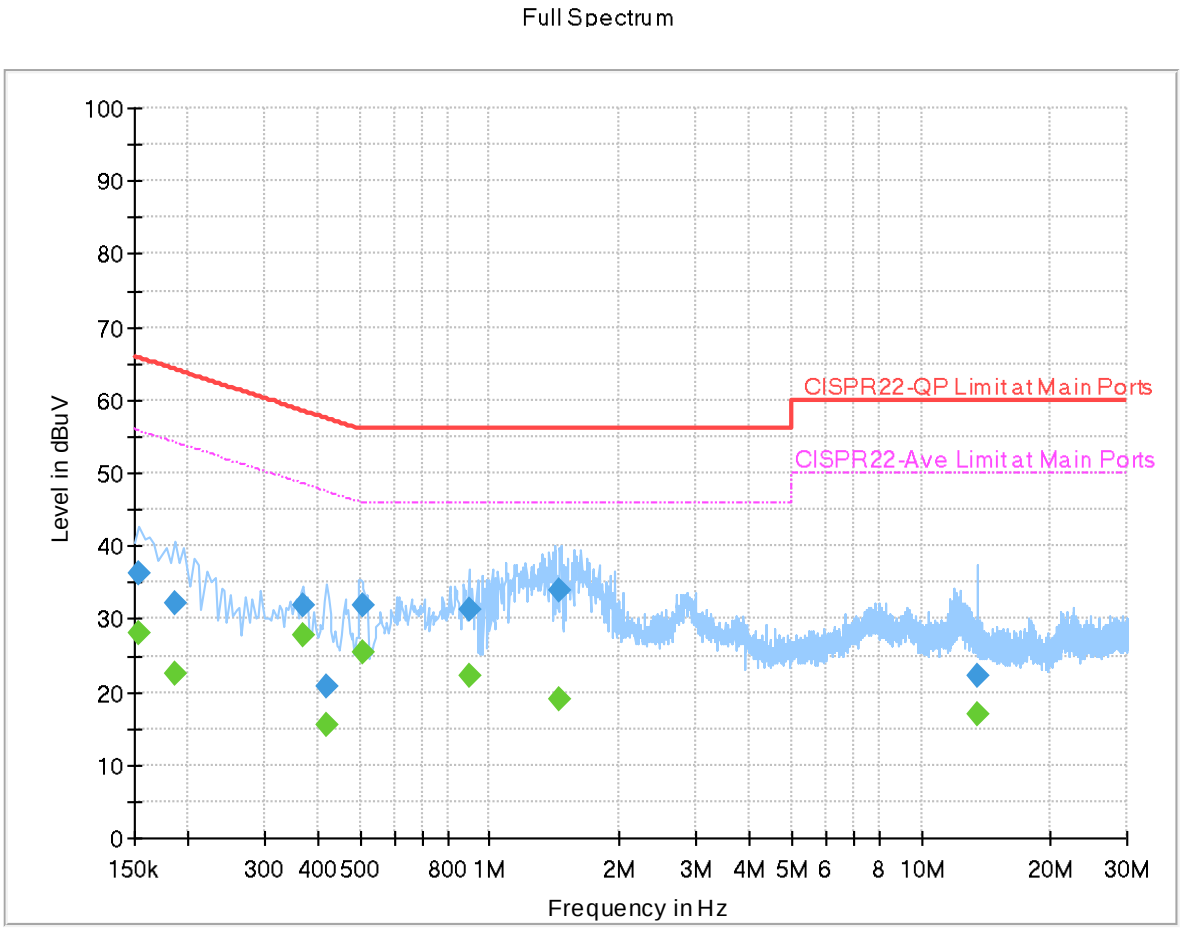
100kHz PSD reference Level	High Channel Plot
	
Spurious Emission 30MHz~1GHz	**Spurious Emission 1GHz~26.5GHz**
	

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 :	380307
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

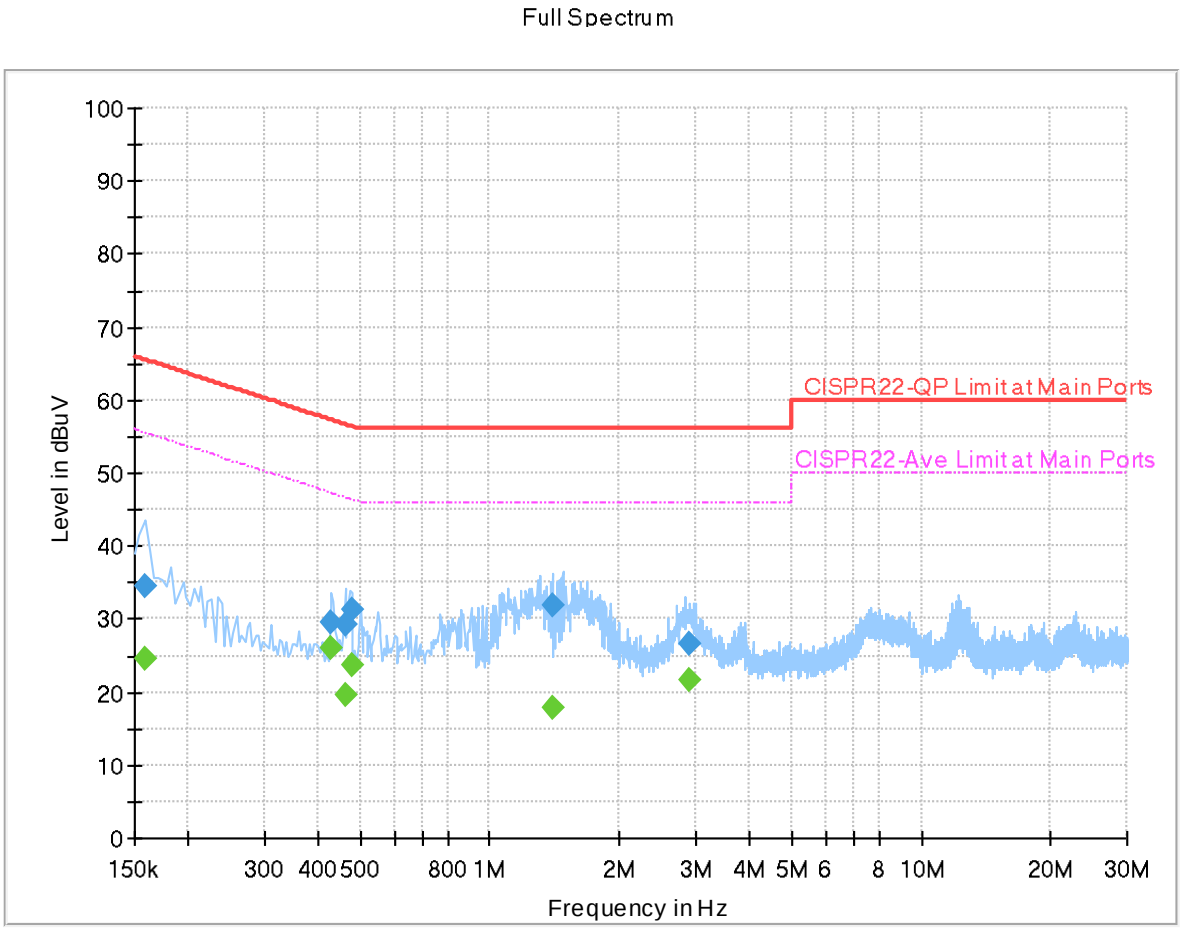


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.154000	---	27.93	55.78	27.85	L1	OFF	19.9
0.154000	36.38	---	65.78	29.40	L1	OFF	19.9
0.186000	---	22.66	54.21	31.55	L1	OFF	19.9
0.186000	32.02	---	64.21	32.19	L1	OFF	19.9
0.370000	---	27.81	48.50	20.69	L1	OFF	19.9
0.370000	31.87	---	58.50	26.63	L1	OFF	19.9
0.418000	---	15.58	47.49	31.91	L1	OFF	20.0
0.418000	20.65	---	57.49	36.84	L1	OFF	20.0
0.506000	---	25.51	46.00	20.49	L1	OFF	20.0
0.506000	31.94	---	56.00	24.06	L1	OFF	20.0
0.894000	---	22.20	46.00	23.80	L1	OFF	20.0
0.894000	31.25	---	56.00	24.75	L1	OFF	20.0
1.454000	---	19.14	46.00	26.86	L1	OFF	20.0
1.454000	33.87	---	56.00	22.13	L1	OFF	20.0
13.566000	---	17.05	50.00	32.95	L1	OFF	20.1
13.566000	22.25	---	60.00	37.75	L1	OFF	20.1

EUT Information

Report NO :	380307
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158000	---	24.50	55.57	31.07	N	OFF	19.9
0.158000	34.36	---	65.57	31.21	N	OFF	19.9
0.430000	---	25.90	47.25	21.35	N	OFF	20.0
0.430000	29.60	---	57.25	27.65	N	OFF	20.0
0.462000	---	19.61	46.66	27.05	N	OFF	20.0
0.462000	29.31	---	56.66	27.35	N	OFF	20.0
0.478000	---	23.57	46.37	22.80	N	OFF	20.0
0.478000	31.19	---	56.37	25.18	N	OFF	20.0
1.394000	---	17.79	46.00	28.21	N	OFF	20.0
1.394000	31.80	---	56.00	24.20	N	OFF	20.0
2.918000	---	21.73	46.00	24.27	N	OFF	20.0
2.918000	26.65	---	56.00	29.35	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Test Engineer :	Bigshow Wang, Quentin Liu and Danel Lee	Temperature :	21~26°C
		Relative Humidity :	45~60%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2385.518	50.39	-23.61	74	44.27	27.37	15.52	36.77	318	88	P	H
		2385.518	39.43	-14.57	54	33.31	27.37	15.52	36.77	318	88	A	H
	*	2412	111.8	-	-	105.57	27.45	15.55	36.77	318	88	P	H
	*	2412	108.29	-	-	102.06	27.45	15.55	36.77	318	88	A	H
													H
													H
		2382.956	49.96	-24.04	74	43.84	27.37	15.52	36.77	350	309	P	V
		2389.422	39.08	-14.92	54	32.94	27.38	15.53	36.77	350	309	A	V
	*	2412	95.94	-	-	89.71	27.45	15.55	36.77	350	309	P	V
	*	2412	92.76	-	-	86.53	27.45	15.55	36.77	350	309	A	V
													V
													V
802.11b CH 06 2437MHz		2389.233	50.97	-23.03	74	44.83	27.38	15.53	36.77	311	92	P	H
		2388.057	39.17	-14.83	54	33.04	27.38	15.52	36.77	311	92	A	H
	*	2437	111.04	-	-	104.68	27.55	15.58	36.77	311	92	P	H
	*	2437	109.26	-	-	102.9	27.55	15.58	36.77	311	92	A	H
		2494.439	50.66	-23.34	74	44	27.78	15.65	36.77	311	92	P	H
		2484.313	39.81	-14.19	54	33.2	27.74	15.64	36.77	311	92	A	H
		2335.137	50.87	-23.13	74	44.93	27.27	15.45	36.78	328	271	P	V
		2389.968	39.04	-14.96	54	32.9	27.38	15.53	36.77	328	271	A	V
	*	2437	106.81	-	-	100.45	27.55	15.58	36.77	328	271	P	V
	*	2437	103.74	-	-	97.38	27.55	15.58	36.77	328	271	A	V
		2493.609	50.56	-23.44	74	43.91	27.77	15.65	36.77	328	271	P	V
		2495.186	39.56	-14.44	54	32.9	27.78	15.65	36.77	279	220	A	V

802.11b CH 11 2462MHz	*	2462	113.12	-	-	106.63	27.65	15.61	36.77	267	83	P	H
	*	2462	110.01	-	-	103.52	27.65	15.61	36.77	267	83	A	H
		2487.878	51.54	-22.46	74	44.92	27.75	15.64	36.77	267	83	P	H
		2488.574	40.99	-13.01	54	34.37	27.75	15.64	36.77	267	83	A	H
													H
													H
	*	2462	104.13	-	-	97.64	27.65	15.61	36.77	350	292	P	V
	*	2462	100.81	-	-	94.32	27.65	15.61	36.77	350	292	A	V
		2487.994	51.71	-22.29	74	45.09	27.75	15.64	36.77	350	292	P	V
		2484.746	39.7	-14.3	54	33.09	27.74	15.64	36.77	350	292	A	V
													V
													V
802.11b CH 12 2467MHz	*	2467	112.61	-	-	106.09	27.67	15.62	36.77	300	86	P	H
	*	2467	109.44	-	-	102.92	27.67	15.62	36.77	300	86	A	H
		2484.471	57.29	-16.71	74	50.68	27.74	15.64	36.77	300	86	P	H
		2484.471	51.79	-2.21	54	45.18	27.74	15.64	36.77	300	86	A	H
													H
													H
	*	2467	104.64	-	-	98.12	27.67	15.62	36.77	350	268	P	V
	*	2467	101.31	-	-	94.79	27.67	15.62	36.77	350	268	A	V
		2484.524	53.26	-20.74	74	46.65	27.74	15.64	36.77	350	268	P	V
		2484.471	45.53	-8.47	54	38.92	27.74	15.64	36.77	350	268	A	V
													V
													V

802.11b CH 13 2472MHz	*	2472	110.99	-	-	104.45	27.69	15.62	36.77	300	85	P	H
	*	2472	107.74	-	-	101.2	27.69	15.62	36.77	300	85	A	H
		2486.176	56.79	-17.21	74	50.18	27.74	15.64	36.77	300	85	P	H
		2486.704	51.86	-2.14	54	45.24	27.75	15.64	36.77	300	85	A	H
													H
													H
	*	2472	105.22	-	-	98.68	27.69	15.62	36.77	394	295	P	V
	*	2472	102.12	-	-	95.58	27.69	15.62	36.77	394	295	A	V
		2486.032	54.39	-19.61	74	47.78	27.74	15.64	36.77	394	295	P	V
		2486.608	46.57	-7.43	54	39.95	27.75	15.64	36.77	394	295	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

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 4	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)
802.11b CH 01 2412MHz		4824	41.92	-32.08	74	58.93	32.24	8.51	57.76	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	40.38	-33.62	74	57.39	32.24	8.51	57.76	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4	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)
		4874	46.23	-27.77	74	62.9	32.54	8.56	57.77	100	104	P	H
		4874	41.98	-12.02	54	58.65	32.54	8.56	57.77	100	104	A	H
		7311	48.29	-25.71	74	59.87	36.73	10.34	58.65	100	115	P	H
		7311	41.52	-12.48	54	53.1	36.73	10.34	58.65	100	115	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 06 2437MHz													H
		4874	46.5	-27.5	74	63.17	32.54	8.56	57.77	387	259	P	V
		4874	40.42	-13.58	54	57.09	32.54	8.56	57.77	387	259	A	V
		7311	50.7	-23.3	74	62.28	36.73	10.34	58.65	100	46	P	V
		7311	43.96	-10.04	54	55.54	36.73	10.34	58.65	100	46	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4	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)
		4924	45.14	-28.86	74	61.5	32.82	8.6	57.78	100	108	P	H
		4924	37.74	-16.26	54	54.1	32.82	8.6	57.78	100	108	A	H
		7386	48.02	-25.98	74	60.07	36.28	10.38	58.71	100	113	P	H
		7386	40.7	-13.3	54	52.75	36.28	10.38	58.71	100	113	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 11 2462MHz													H
		4924	46.24	-27.76	74	62.6	32.82	8.6	57.78	380	256	P	V
		4924	39.79	-14.21	54	56.15	32.82	8.6	57.78	380	256	A	V
		7386	49.25	-24.75	74	61.3	36.28	10.38	58.71	100	56	P	V
		7386	42.97	-11.03	54	55.02	36.28	10.38	58.71	100	56	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4	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)
		4934	45.05	-28.95	74	61.36	32.87	8.61	57.79	100	112	P	H
		4934	38.65	-15.35	54	54.96	32.87	8.61	57.79	100	112	A	H
		7401	48.88	-25.12	74	61.01	36.2	10.39	58.72	100	114	P	H
		7401	40.76	-13.24	54	52.89	36.2	10.39	58.72	100	114	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 12 2467MHz													H
		4934	46.07	-27.93	74	62.38	32.87	8.61	57.79	352	251	P	V
		4934	39.84	-14.16	54	56.15	32.87	8.61	57.79	352	251	A	V
		7401	50.33	-23.67	74	62.46	36.2	10.39	58.72	100	55	P	V
		7401	43.05	-10.95	54	55.18	36.2	10.39	58.72	100	55	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4	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)
		4944	46.03	-27.97	74	62.28	32.92	8.62	57.79	100	113	P	H
		4944	39.91	-14.09	54	56.16	32.92	8.62	57.79	100	113	A	H
		7416	47.47	-26.53	74	59.61	36.17	10.42	58.73	100	116	P	H
		7416	38.74	-15.26	54	50.88	36.17	10.42	58.73	100	116	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 13 2472MHz													H
		4944	47.26	-26.74	74	63.51	32.92	8.62	57.79	353	251	P	V
		4944	42.08	-11.92	54	58.33	32.92	8.62	57.79	353	251	A	V
		7416	48.57	-25.43	74	60.71	36.17	10.42	58.73	100	55	P	V
		7416	40.86	-13.14	54	53	36.17	10.42	58.73	100	55	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.

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2382.834	50.75	-23.25	74	44.63	27.37	15.52	36.77	378	239	P	H
		2388.934	39.14	-14.86	54	33	27.38	15.53	36.77	378	239	A	H
	*	2412	106.61	-	-	100.38	27.45	15.55	36.77	378	239	P	H
	*	2412	103.42	-	-	97.19	27.45	15.55	36.77	378	239	A	H
													H
													H
		2345.502	50.62	-23.38	74	44.64	27.29	15.47	36.78	100	259	P	V
		2388.934	39.7	-14.3	54	33.56	27.38	15.53	36.77	100	259	A	V
	*	2412	110.98	-	-	104.75	27.45	15.55	36.77	100	259	P	V
	*	2412	107.89	-	-	101.66	27.45	15.55	36.77	100	259	A	V
													V
													V
802.11b CH 06 2437MHz		2381.001	50.58	-23.42	74	44.48	27.36	15.51	36.77	327	230	P	H
		2389.674	39.19	-14.81	54	33.05	27.38	15.53	36.77	327	230	A	H
	*	2437	110.21	-	-	103.85	27.55	15.58	36.77	327	230	P	H
	*	2437	106.54	-	-	100.18	27.55	15.58	36.77	327	230	A	H
		2490.289	51.01	-22.99	74	44.38	27.76	15.64	36.77	327	230	P	H
		2483.981	39.65	-14.35	54	33.04	27.74	15.64	36.77	327	230	A	H
		2315.145	50.23	-23.77	74	44.35	27.23	15.43	36.78	100	260	P	V
		2389.968	39.32	-14.68	54	33.18	27.38	15.53	36.77	100	260	A	V
	*	2437	111.59	-	-	105.23	27.55	15.58	36.77	100	260	P	V
	*	2437	108.35	-	-	101.99	27.55	15.58	36.77	100	260	A	V
		2487.799	51.17	-22.83	74	44.55	27.75	15.64	36.77	100	260	P	V
		2484.645	39.75	-14.25	54	33.14	27.74	15.64	36.77	100	260	A	V

802.11b CH 11 2462MHz	*	2462	110.57	-	-	104.08	27.65	15.61	36.77	400	226	P	H
	*	2462	107.04	-	-	100.55	27.65	15.61	36.77	400	226	A	H
		2488.864	51.93	-22.07	74	45.3	27.76	15.64	36.77	400	226	P	H
		2488.748	41.09	-12.91	54	34.47	27.75	15.64	36.77	400	226	A	H
													H
													H
	*	2462	113.54	-	-	107.05	27.65	15.61	36.77	100	266	P	V
	*	2462	110.36	-	-	103.87	27.65	15.61	36.77	100	266	A	V
		2486.08	51.86	-22.14	74	45.25	27.74	15.64	36.77	100	266	P	V
		2488.748	42.28	-11.72	54	35.66	27.75	15.64	36.77	100	266	A	V
													V
													V
802.11b CH 12 2467MHz	*	2467	110.84	-	-	104.32	27.67	15.62	36.77	353	229	P	H
	*	2467	106.93	-	-	100.41	27.67	15.62	36.77	353	229	A	H
		2483.623	55.78	-18.22	74	49.18	27.73	15.64	36.77	353	229	P	H
		2484.842	49.01	-4.99	54	42.4	27.74	15.64	36.77	353	229	A	H
													H
													H
	*	2467	112.34	-	-	105.82	27.67	15.62	36.77	100	269	P	V
	*	2467	109.2	-	-	102.68	27.67	15.62	36.77	100	269	A	V
		2483.57	57.1	-16.9	74	50.5	27.73	15.64	36.77	100	269	P	V
		2484.471	50.46	-3.54	54	43.85	27.74	15.64	36.77	100	269	A	V
													V
													V

802.11b CH 13 2472MHz	*	2472	108.91	-	-	102.37	27.69	15.62	36.77	400	230	P	H
	*	2472	106.17	-	-	99.63	27.69	15.62	36.77	400	230	A	H
		2486.56	56.1	-17.9	74	49.48	27.75	15.64	36.77	400	230	P	H
		2486.848	50.3	-3.7	54	43.68	27.75	15.64	36.77	400	230	A	H
													H
													H
	*	2472	110.68	-	-	104.14	27.69	15.62	36.77	100	275	P	V
	*	2472	107.76	-	-	101.22	27.69	15.62	36.77	100	275	A	V
		2485.408	56.78	-17.22	74	50.17	27.74	15.64	36.77	100	275	P	V
		2486.656	51.7	-2.3	54	45.08	27.75	15.64	36.77	100	275	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

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 3	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)
802.11b CH 01 2412MHz		4824	49.5	-24.5	74	66.51	32.24	8.51	57.76	100	314	P	H
		4824	46.86	-7.14	54	63.87	32.24	8.51	57.76	100	314	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4824	50.57	-23.43	74	67.58	32.24	8.51	57.76	101	262	P	V
		4824	47.99	-6.01	54	65	32.24	8.51	57.76	101	262	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3	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)
		4874	48.69	-25.31	74	65.36	32.54	8.56	57.77	321	307	P	H
		4874	46.11	-7.89	54	62.78	32.54	8.56	57.77	321	307	A	H
		7311	53.2	-20.8	74	64.78	36.73	10.34	58.65	100	304	P	H
		7311	47.7	-6.3	54	59.28	36.73	10.34	58.65	100	304	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 06 2437MHz													H
		4874	48.38	-25.62	74	65.05	32.54	8.56	57.77	100	255	P	V
		4874	45.17	-8.83	54	61.84	32.54	8.56	57.77	100	255	A	V
		7311	51.5	-22.5	74	63.08	36.73	10.34	58.65	100	222	P	V
		7311	46.08	-7.92	54	57.66	36.73	10.34	58.65	100	222	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3	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)
		4924	46.47	-27.53	74	62.83	32.82	8.6	57.78	400	293	P	H
		4924	43.43	-10.57	54	59.79	32.82	8.6	57.78	400	293	A	H
		7386	52.1	-21.9	74	64.15	36.28	10.38	58.71	100	329	P	H
		7386	46.97	-7.03	54	59.02	36.28	10.38	58.71	100	329	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 11 2462MHz													H
		4924	44.84	-29.16	74	61.2	32.82	8.6	57.78	100	268	P	V
		4924	41.49	-12.51	54	57.85	32.82	8.6	57.78	100	268	A	V
		7386	49.76	-24.24	74	61.81	36.28	10.38	58.71	100	135	P	V
		7386	44.23	-9.77	54	56.28	36.28	10.38	58.71	100	135	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3	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)
		4934	48.77	-25.23	74	65.08	32.87	8.61	57.79	400	298	P	H
		4934	45.28	-8.72	54	61.59	32.87	8.61	57.79	400	298	A	H
		7401	50.92	-23.08	74	63.05	36.2	10.39	58.72	100	307	P	H
		7401	46.79	-7.21	54	58.92	36.2	10.39	58.72	100	307	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 12 2467MHz													H
		4934	45.93	-28.07	74	62.24	32.87	8.61	57.79	342	218	P	V
		4934	42.29	-11.71	54	58.6	32.87	8.61	57.79	342	218	A	V
		7401	48.98	-25.02	74	61.11	36.2	10.39	58.72	100	225	P	V
		7401	43.27	-10.73	54	55.4	36.2	10.39	58.72	100	225	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 3	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)
		4944	47.02	-26.98	74	63.27	32.92	8.62	57.79	400	313	P	H
		4944	40.81	-13.19	54	57.06	32.92	8.62	57.79	400	313	A	H
		7416	47.9	-26.1	74	60.04	36.17	10.42	58.73	100	287	P	H
		7416	40.66	-13.34	54	52.8	36.17	10.42	58.73	100	287	A	H
													H
													H
													H
													H
													H
													H
													H
802.11b CH 13 2472MHz													H
		4944	47.2	-26.8	74	63.45	32.92	8.62	57.79	340	209	P	V
		4944	41.35	-12.65	54	57.6	32.92	8.62	57.79	340	209	A	V
		7416	50.61	-23.39	74	62.75	36.17	10.42	58.73	100	224	P	V
		7416	45.06	-8.94	54	57.2	36.17	10.42	58.73	100	224	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.

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11g CH 01 2412MHz		2389.666	66.42	-7.58	74	60.28	27.38	15.53	36.77	151	326	P	H
		2390	50.72	-3.28	54	44.58	27.38	15.53	36.77	151	326	A	H
	*	2412	109.78	-	-	103.55	27.45	15.55	36.77	151	326	P	H
	*	2412	101.73	-	-	95.5	27.45	15.55	36.77	151	326	A	H
													H
													H
		2389.91	66.01	-7.99	74	59.87	27.38	15.53	36.77	271	113	P	V
		2389.788	50.89	-3.11	54	44.75	27.38	15.53	36.77	271	113	A	V
	*	2412	111.56	-	-	105.33	27.45	15.55	36.77	271	113	P	V
	*	2412	103.82	-	-	97.59	27.45	15.55	36.77	271	113	A	V
													V
													V
802.11g CH 02 2417MHz		2389.544	65.48	-8.52	74	59.34	27.38	15.53	36.77	380	229	P	H
		2389.788	49.42	-4.58	54	43.28	27.38	15.53	36.77	380	229	A	H
	*	2417	110.06	-	-	103.8	27.47	15.56	36.77	380	229	P	H
	*	2417	102.38	-	-	96.12	27.47	15.56	36.77	380	229	A	H
													H
													H
		2390	64.48	-9.52	74	58.34	27.38	15.53	36.77	250	71	P	V
		2390	49.99	-4.01	54	43.85	27.38	15.53	36.77	250	71	A	V
	*	2417	112.2	-	-	105.94	27.47	15.56	36.77	250	71	P	V
	*	2417	104.53	-	-	98.27	27.47	15.56	36.77	250	71	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11g CH 06 2437MHz		2389.968	57.88	-16.12	74	51.74	27.38	15.53	36.77	336	335	P	H
		2389.527	41.64	-12.36	54	35.5	27.38	15.53	36.77	336	335	A	H
	*	2437	112.85	-	-	106.49	27.55	15.58	36.77	336	335	P	H
	*	2437	104.98	-	-	98.62	27.55	15.58	36.77	336	335	A	H
		2485.309	58.74	-15.26	74	52.13	27.74	15.64	36.77	336	335	P	H
		2485.06	43.05	-10.95	54	36.44	27.74	15.64	36.77	336	335	A	H
		2389.674	58.19	-15.81	74	52.05	27.38	15.53	36.77	100	260	P	V
		2389.674	42.15	-11.85	54	36.01	27.38	15.53	36.77	100	260	A	V
	*	2437	113.84	-	-	107.48	27.55	15.58	36.77	100	260	P	V
	*	2437	104.86	-	-	98.5	27.55	15.58	36.77	100	260	A	V
		2484.811	60.31	-13.69	74	53.7	27.74	15.64	36.77	100	260	P	V
		2484.894	44.18	-9.82	54	37.57	27.74	15.64	36.77	100	260	A	V
802.11g CH 10 2457MHz	*	2457	110.26	-	-	103.79	27.63	15.61	36.77	343	236	P	H
	*	2457	102.72	-	-	96.25	27.63	15.61	36.77	343	236	A	H
		2483.528	67.43	-6.57	74	60.83	27.73	15.64	36.77	343	236	P	H
		2483.702	49.93	-4.07	54	43.33	27.73	15.64	36.77	343	236	A	H
													H
													H
	*	2457	112.9	-	-	106.43	27.63	15.61	36.77	250	79	P	V
	*	2457	105.38	-	-	98.91	27.63	15.61	36.77	250	79	A	V
		2484.05	69.04	-4.96	74	62.43	27.74	15.64	36.77	250	79	P	V
		2483.528	51.59	-2.41	54	44.99	27.73	15.64	36.77	250	79	A	V
													V
													V

802.11g CH 11 2462MHz	*	2462	110.8	-	-	104.31	27.65	15.61	36.77	100	219	P	H
	*	2462	102.13	-	-	95.64	27.65	15.61	36.77	100	219	A	H
		2483.586	69.86	-4.14	74	63.26	27.73	15.64	36.77	100	219	P	H
		2483.644	51.25	-2.75	54	44.65	27.73	15.64	36.77	100	219	A	H
													H
													H
	*	2462	110.61	-	-	104.12	27.65	15.61	36.77	100	102	P	V
	*	2462	102.6	-	-	96.11	27.65	15.61	36.77	100	102	A	V
		2483.644	71.07	-2.93	74	64.47	27.73	15.64	36.77	100	102	P	V
		2483.702	49.86	-4.14	54	43.26	27.73	15.64	36.77	100	102	A	V
													V
													V
802.11g CH 12 2467MHz	*	2467	107.77	-	-	101.25	27.67	15.62	36.77	100	220	P	H
	*	2467	100.13	-	-	93.61	27.67	15.62	36.77	100	220	A	H
		2483.586	71.11	-2.89	74	64.51	27.73	15.64	36.77	100	220	P	H
		2483.586	49.55	-4.45	54	42.95	27.73	15.64	36.77	100	220	A	H
													H
													H
	*	2467	108.18	-	-	101.66	27.67	15.62	36.77	100	101	P	V
	*	2467	100.41	-	-	93.89	27.67	15.62	36.77	100	101	A	V
		2483.586	72.2	-1.8	74	65.6	27.73	15.64	36.77	100	101	P	V
		2485.268	50.41	-3.59	54	43.8	27.74	15.64	36.77	100	101	A	V
													V
													V

802.11g CH 13 2472MHz	*	2472	98.15	-	-	91.61	27.69	15.62	36.77	248	220	P	H
	*	2472	90.37	-	-	83.83	27.69	15.62	36.77	248	220	A	H
		2483.5	66.82	-7.18	74	60.22	27.73	15.64	36.77	248	220	P	H
		2483.5	50.37	-3.63	54	43.77	27.73	15.64	36.77	248	220	A	H
													H
													H
	*	2472	98.52	-	-	91.98	27.69	15.62	36.77	133	100	P	V
	*	2472	90.54	-	-	84	27.69	15.62	36.77	133	100	A	V
		2483.584	69.68	-4.32	74	63.08	27.73	15.64	36.77	133	100	P	V
		2483.5	52.18	-1.82	54	45.58	27.73	15.64	36.77	133	100	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

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 4+3	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)
		4824	48.06	-25.94	74	65.07	32.24	8.51	57.76	286	347	P	H
		4824	38.25	-15.75	54	55.26	32.24	8.51	57.76	286	347	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11g CH 01 2412MHz													H
		4824	45.13	-28.87	74	62.14	32.24	8.51	57.76	104	274	P	V
		4824	35.58	-18.42	54	52.59	32.24	8.51	57.76	104	274	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4874	48.38	-25.62	74	65.05	32.54	8.56	57.77	101	235	P	H
		4874	39.52	-14.48	54	56.19	32.54	8.56	57.77	101	235	A	H
		7311	56.96	-17.04	74	68.54	36.73	10.34	58.65	102	229	P	H
		7311	45.17	-8.83	54	56.75	36.73	10.34	58.65	102	229	A	H
													H
													H
													H
													H
													H
													H
													H
802.11g CH 06 2437MHz													H
		4874	45.77	-28.23	74	62.44	32.54	8.56	57.77	398	312	P	V
		4874	36.41	-17.59	54	53.08	32.54	8.56	57.77	398	312	A	V
		7311	52.96	-21.04	74	64.54	36.73	10.34	58.65	102	197	P	V
		7311	43.57	-10.43	54	55.15	36.73	10.34	58.65	102	197	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4874	48.38	-25.62	74	65.05	32.54	8.56	57.77	101	235	P	H
		4874	39.52	-14.48	54	56.19	32.54	8.56	57.77	101	235	A	H
		7311	56.96	-17.04	74	68.54	36.73	10.34	58.65	102	229	P	H
		7311	45.17	-8.83	54	56.75	36.73	10.34	58.65	102	229	A	H
													H
													H
													H
													H
													H
													H
													H
802.11g CH 06 2437MHz													H
		4874	45.77	-28.23	74	62.44	32.54	8.56	57.77	398	312	P	V
		4874	36.41	-17.59	54	53.08	32.54	8.56	57.77	398	312	A	V
		7311	52.96	-21.04	74	64.54	36.73	10.34	58.65	102	197	P	V
		7311	43.57	-10.43	54	55.15	36.73	10.34	58.65	102	197	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4924	43.86	-30.14	74	60.22	32.82	8.6	57.78	100	343	P	H
		4924	33.19	-20.81	54	49.55	32.82	8.6	57.78	100	343	A	H
		7386	45.14	-28.86	74	57.19	36.28	10.38	58.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11g CH 11 2462MHz													H
		4924	43.71	-30.29	74	60.07	32.82	8.6	57.78	101	255	P	V
		4924	34.67	-19.33	54	51.03	32.82	8.6	57.78	101	255	A	V
		7386	45.54	-28.46	74	57.59	36.28	10.38	58.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4934	43.03	-30.97	74	59.34	32.87	8.61	57.79	-	-	P	H
		7401	53.18	-20.82	74	65.31	36.2	10.39	58.72	102	306	P	H
		7401	41.87	-12.13	54	54	36.2	10.39	58.72	102	306	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11g CH 12 2467MHz		4934	41.77	-32.23	74	58.08	32.87	8.61	57.79	-	-	P	V
		7401	51.88	-22.12	74	64.01	36.2	10.39	58.72	101	230	P	V
		7401	40.94	-13.06	54	53.07	36.2	10.39	58.72	101	230	A	V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4944	40.27	-33.73	74	56.52	32.92	8.62	57.79	-	-	P	H
		7416	43.5	-30.5	74	55.64	36.17	10.42	58.73	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11g CH 13 2472MHz													H
		4944	40.37	-33.63	74	56.62	32.92	8.62	57.79	-	-	P	V
		7416	43.2	-30.8	74	55.34	36.17	10.42	58.73	-	-	P	V
													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.

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 4+3	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)
		2389.422	72.46	-1.54	74	66.32	27.38	15.53	36.77	305	317	P	H
		2389.422	51.68	-2.32	54	45.54	27.38	15.53	36.77	305	317	A	H
	*	2412	111.36	-	-	105.13	27.45	15.55	36.77	305	317	P	H
	*	2412	102.32	-	-	96.09	27.45	15.55	36.77	305	317	A	H
802.11ax													H
HE20 Full													H
CH 01		2389.788	72.34	-1.66	74	66.2	27.38	15.53	36.77	100	229	P	V
2412MHz		2389.666	52.21	-1.79	54	46.07	27.38	15.53	36.77	100	229	A	V
	*	2412	111.72	-	-	105.49	27.45	15.55	36.77	100	229	P	V
	*	2412	101.46	-	-	95.23	27.45	15.55	36.77	100	229	A	V
													V
													V
		2390	66.44	-7.56	74	60.3	27.38	15.53	36.77	294	324	P	H
		2389.883	50.27	-3.73	54	44.13	27.38	15.53	36.77	294	324	A	H
	*	2417	112.19	-	-	105.93	27.47	15.56	36.77	294	324	P	H
	*	2417	102.38	-	-	96.12	27.47	15.56	36.77	294	324	A	H
802.11ax													H
HE20 Full													H
CH 02		2390	64.09	-9.91	74	57.95	27.38	15.53	36.77	100	297	P	V
2417MHz		2390	47.7	-6.3	54	41.56	27.38	15.53	36.77	100	297	A	V
	*	2417	109.33	-	-	103.07	27.47	15.56	36.77	100	297	P	V
	*	2417	100.74	-	-	94.48	27.47	15.56	36.77	100	297	A	V
													V
													V

		2389.821	60.6	-13.4	74	54.46	27.38	15.53	36.77	299	331	P	H
		2389.968	46.37	-7.63	54	40.23	27.38	15.53	36.77	299	331	A	H
	*	2437	113.67	-	-	107.31	27.55	15.58	36.77	299	331	P	H
	*	2437	105.55	-	-	99.19	27.55	15.58	36.77	299	331	A	H
802.11ax		2483.649	63.83	-10.17	74	57.23	27.73	15.64	36.77	299	331	P	H
HE20 Full		2483.981	48.44	-5.56	54	41.83	27.74	15.64	36.77	299	331	A	H
CH 06		2389.527	63.12	-10.88	74	56.98	27.38	15.53	36.77	100	258	P	V
2437MHz		2389.527	46.49	-7.51	54	40.35	27.38	15.53	36.77	100	258	A	V
	*	2437	114.29	-	-	107.93	27.55	15.58	36.77	100	258	P	V
	*	2437	104.96	-	-	98.6	27.55	15.58	36.77	100	258	A	V
		2488.878	64.54	-9.46	74	57.91	27.76	15.64	36.77	100	258	P	V
		2484.147	48.64	-5.36	54	42.03	27.74	15.64	36.77	100	258	A	V
	*	2457	109.6	-	-	103.13	27.63	15.61	36.77	100	339	P	H
	*	2457	100.29	-	-	93.82	27.63	15.61	36.77	100	339	A	H
		2483.872	66.27	-7.73	74	59.66	27.74	15.64	36.77	100	339	P	H
		2483.557	48.54	-5.46	54	41.94	27.73	15.64	36.77	100	339	A	H
802.11ax													H
HE20 Full													H
CH 10	*	2457	112.34	-	-	105.87	27.63	15.61	36.77	201	93	P	V
2457MHz	*	2457	102.88	-	-	96.41	27.63	15.61	36.77	201	93	A	V
		2483.62	68.77	-5.23	74	62.17	27.73	15.64	36.77	201	93	P	V
		2483.746	51.09	-2.91	54	44.49	27.73	15.64	36.77	201	93	A	V
													V
													V

	*	2462	108.45	-	-	101.96	27.65	15.61	36.77	100	331	P	H
	*	2462	99.37	-	-	92.88	27.65	15.61	36.77	100	331	A	H
		2483.876	68.33	-5.67	74	61.72	27.74	15.64	36.77	100	331	P	H
		2483.528	49.51	-4.49	54	42.91	27.73	15.64	36.77	100	331	A	H
802.11ax													H
HE20 Full													H
CH 11	*	2462	112.32	-	-	105.83	27.65	15.61	36.77	100	249	P	V
2462MHz	*	2462	102.04	-	-	95.55	27.65	15.61	36.77	100	249	A	V
		2483.5	69.82	-4.18	74	63.22	27.73	15.64	36.77	100	249	P	V
		2483.776	51.62	-2.38	54	45.01	27.74	15.64	36.77	100	249	A	V
													V
													V
	*	2467	107.72	-	-	101.2	27.67	15.62	36.77	349	225	P	H
	*	2467	99.25	-	-	92.73	27.67	15.62	36.77	349	225	A	H
		2483.729	71.42	-2.58	74	64.82	27.73	15.64	36.77	349	225	P	H
		2483.57	51.72	-2.28	54	45.12	27.73	15.64	36.77	349	225	A	H
802.11ax													H
HE20 Full													H
CH 12	*	2467	110.85	-	-	104.33	27.67	15.62	36.77	100	260	P	V
2467MHz	*	2467	101.35	-	-	94.83	27.67	15.62	36.77	100	260	A	V
		2484.471	71.71	-2.29	74	65.1	27.74	15.64	36.77	100	260	P	V
		2483.782	52.25	-1.75	54	45.64	27.74	15.64	36.77	100	260	A	V
													V
													V

	*	2472	100.53	-	-	93.99	27.69	15.62	36.77	400	321	P	H
	*	2472	91.75	-	-	85.21	27.69	15.62	36.77	400	321	A	H
		2483.5	70.6	-3.4	74	64	27.73	15.64	36.77	400	321	P	H
		2483.5	51.52	-2.48	54	44.92	27.73	15.64	36.77	400	321	A	H
802.11ax													H
HE20 Full													H
CH 13	*	2472	102.76	-	-	96.22	27.69	15.62	36.77	260	96	P	V
2472MHz	*	2472	91.89	-	-	85.35	27.69	15.62	36.77	260	96	A	V
		2483.5	70.71	-3.29	74	64.11	27.73	15.64	36.77	260	96	P	V
		2483.5	52.14	-1.86	54	45.54	27.73	15.64	36.77	260	96	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

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+3	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)
		4824	45.88	-28.12	74	62.89	32.24	8.51	57.76	107	234	P	H
		4824	36.58	-17.42	54	53.59	32.24	8.51	57.76	107	234	A	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 01		4824	40.98	-33.02	74	57.99	32.24	8.51	57.76	-	-	P	V
2412MHz													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4874	46.95	-27.05	74	63.62	32.54	8.56	57.77	102	230	P	H
		4874	37.19	-16.81	54	53.86	32.54	8.56	57.77	102	230	A	H
		7311	49.46	-24.54	74	61.04	36.73	10.34	58.65	100	229	P	H
		7311	40.19	-13.81	54	51.77	36.73	10.34	58.65	100	229	A	H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 06		4874	45.48	-28.52	74	62.15	32.54	8.56	57.77	375	317	P	V
2437MHz		4874	35.48	-18.52	54	52.15	32.54	8.56	57.77	375	317	A	V
		7311	50.72	-23.28	74	62.3	36.73	10.34	58.65	100	200	P	V
		7311	41.58	-12.42	54	53.16	36.73	10.34	58.65	100	200	A	V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4924	42.09	-31.91	74	58.45	32.82	8.6	57.78	-	-	P	H
		7386	43.44	-30.56	74	55.49	36.28	10.38	58.71	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 11		4924	40.04	-33.96	74	56.4	32.82	8.6	57.78	-	-	P	V
2462MHz		7386	42.86	-31.14	74	54.91	36.28	10.38	58.71	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4934	41.74	-32.26	74	58.05	32.87	8.61	57.79	-	-	P	H
		7401	43.39	-30.61	74	55.52	36.2	10.39	58.72	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 12		4934	41.45	-32.55	74	57.76	32.87	8.61	57.79	-	-	P	V
2467MHz		7401	43.22	-30.78	74	55.35	36.2	10.39	58.72	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

WIFI Ant. 4+3	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)
		4944	40.76	-33.24	74	57.01	32.92	8.62	57.79	-	-	P	H
		7416	42.68	-31.32	74	54.82	36.17	10.42	58.73	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
802.11ax													H
HE20 Full													H
CH 13		4944	41.21	-32.79	74	57.46	32.92	8.62	57.79	-	-	P	V
2472MHz		7416	42.23	-31.77	74	54.37	36.17	10.42	58.73	-	-	P	V
													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.

2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 4+3	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)
802.11ax HE20 Partial 26/0 CH 01 2412MHz		2388.934	56.15	-17.85	74	50.01	27.38	15.53	36.77	305	317	P	H
		2389.544	39.38	-14.62	54	33.24	27.38	15.53	36.77	305	317	A	H
	*	2412	107.33	-	-	101.1	27.45	15.55	36.77	305	317	P	H
	*	2412	99.63	-	-	93.4	27.45	15.55	36.77	305	317	A	H
													H
													H
		2390	58.46	-15.54	74	52.32	27.38	15.53	36.77	248	229	P	V
		2389.788	39.89	-14.11	54	33.75	27.38	15.53	36.77	248	229	A	V
	*	2412	106.91	-	-	100.68	27.45	15.55	36.77	248	229	P	V
	*	2412	96.99	-	-	90.76	27.45	15.55	36.77	248	229	A	V
													V
													V
802.11ax HE20 Partial 26/8 CH 11 2462MHz	*	2462	106.81	-	-	100.32	27.65	15.61	36.77	100	331	P	H
	*	2462	96.56	-	-	90.07	27.65	15.61	36.77	100	331	A	H
		2483.992	58.19	-15.81	74	51.58	27.74	15.64	36.77	100	331	P	H
		2484.108	40.12	-13.88	54	33.51	27.74	15.64	36.77	100	331	A	H
													H
													H
	*	2462	104.88	-	-	98.39	27.65	15.61	36.77	100	249	P	V
	*	2462	97.05	-	-	90.56	27.65	15.61	36.77	100	249	A	V
		2484.456	57.29	-16.71	74	50.68	27.74	15.64	36.77	100	249	P	V
		2493.852	39.97	-14.03	54	33.31	27.78	15.65	36.77	100	249	A	V
													V
													V

802.11ax HE20 Partial 26/8 CH 12 2467MHz	*	2467	105.44	-	-	98.92	27.67	15.62	36.77	349	225	P	H
	*	2467	97.47	-	-	90.95	27.67	15.62	36.77	349	225	A	H
		2483.76	61.49	-12.51	74	54.88	27.74	15.64	36.77	349	225	P	H
		2484.282	41.82	-12.18	54	35.21	27.74	15.64	36.77	349	225	A	H
													H
													H
	*	2467	103.85	-	-	97.33	27.67	15.62	36.77	100	260	P	V
	*	2467	95.34	-	-	88.82	27.67	15.62	36.77	100	260	A	V
		2483.528	58.26	-15.74	74	51.66	27.73	15.64	36.77	100	260	P	V
		2483.528	40.59	-13.41	54	33.99	27.73	15.64	36.77	100	260	A	V
													V
													V
802.11ax HE20 Partial 26/8 CH 13 2472MHz	*	2472	101.02	-	-	94.48	27.69	15.62	36.77	400	321	P	H
	*	2472	92.21	-	-	85.67	27.69	15.62	36.77	400	321	A	H
		2483.5	68.77	-5.23	74	62.17	27.73	15.64	36.77	400	321	P	H
		2483.5	50.57	-3.43	54	43.97	27.73	15.64	36.77	400	321	A	H
													H
													H
	*	2472	96.11	-	-	89.57	27.69	15.62	36.77	260	96	P	V
	*	2472	87.45	-	-	80.91	27.69	15.62	36.77	260	96	A	V
		2483.536	65.6	-8.4	74	59	27.73	15.64	36.77	260	96	P	V
		2483.5	47.16	-6.84	54	40.56	27.73	15.64	36.77	260	96	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

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant. 4+3	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)
		2389.788	58.44	-15.56	74	52.3	27.38	15.53	36.77	305	317	P	H
		2390	39.84	-14.16	54	33.7	27.38	15.53	36.77	305	317	A	H
	*	2412	107.06	-	-	100.83	27.45	15.55	36.77	305	317	P	H
802.11ax	*	2412	98.24	-	-	92.01	27.45	15.55	36.77	305	317	A	H
HE20													H
Partial													H
52/37		2388.69	60.06	-13.94	74	53.93	27.38	15.52	36.77	100	229	P	V
CH 01		2389.91	40.65	-13.35	54	34.51	27.38	15.53	36.77	100	229	A	V
2412MHz	*	2412	107.37	-	-	101.14	27.45	15.55	36.77	100	229	P	V
	*	2412	98.55	-	-	92.32	27.45	15.55	36.77	100	229	A	V
													V
													V
	*	2462	104.6	-	-	98.11	27.65	15.61	36.77	100	331	P	H
	*	2462	95.33	-	-	88.84	27.65	15.61	36.77	100	331	A	H
		2484.108	59.18	-14.82	74	52.57	27.74	15.64	36.77	100	331	P	H
802.11ax		2484.282	40.54	-13.46	54	33.93	27.74	15.64	36.77	100	331	A	H
HE20													H
Partial													H
52/40	*	2462	104.86	-	-	98.37	27.65	15.61	36.77	100	249	P	V
CH 11	*	2462	96.81	-	-	90.32	27.65	15.61	36.77	100	249	A	V
2462MHz		2484.34	58.59	-15.41	74	51.98	27.74	15.64	36.77	100	249	P	V
		2484.456	40.2	-13.8	54	33.59	27.74	15.64	36.77	100	249	A	V
													V
													V

	*	2467	106.32	-	-	99.8	27.67	15.62	36.77	349	225	P	H
	*	2467	96.79	-	-	90.27	27.67	15.62	36.77	349	225	A	H
		2483.586	63.86	-10.14	74	57.26	27.73	15.64	36.77	349	225	P	H
802.11ax		2483.528	42.25	-11.75	54	35.65	27.73	15.64	36.77	349	225	A	H
HE20													H
Partial													H
52/40	*	2467	103.96	-	-	97.44	27.67	15.62	36.77	100	260	P	V
CH 12	*	2467	94.81	-	-	88.29	27.67	15.62	36.77	100	260	A	V
2467MHz		2484.282	59.65	-14.35	74	53.04	27.74	15.64	36.77	100	260	P	V
		2484.108	40.73	-13.27	54	34.12	27.74	15.64	36.77	100	260	A	V
													V
													V
	*	2472	98.5	-	-	91.96	27.69	15.62	36.77	400	321	P	H
	*	2472	90.24	-	-	83.7	27.69	15.62	36.77	400	321	A	H
		2483.5	67.72	-6.28	74	61.12	27.73	15.64	36.77	400	321	P	H
802.11ax		2483.5	49.41	-4.59	54	42.81	27.73	15.64	36.77	400	321	A	H
HE20													H
Partial													H
52/40	*	2472	96.75	-	-	90.21	27.69	15.62	36.77	260	96	P	V
CH 13	*	2472	87.38	-	-	80.84	27.69	15.62	36.77	260	96	A	V
2472MHz		2483.5	65.12	-8.88	74	58.52	27.73	15.64	36.77	260	96	P	V
		2483.5	46.96	-7.04	54	40.36	27.73	15.64	36.77	260	96	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

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 4+3	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)
		2389.91	59.8	-14.2	74	53.66	27.38	15.53	36.77	305	317	P	H
		2389.666	40.74	-13.26	54	34.6	27.38	15.53	36.77	305	317	A	H
	*	2412	107.67	-	-	101.44	27.45	15.55	36.77	305	317	P	H
802.11ax	*	2412	98.27	-	-	92.04	27.45	15.55	36.77	305	317	A	H
HE20													H
Partial													H
106/53		2389.666	61.77	-12.23	74	55.63	27.38	15.53	36.77	100	229	P	V
CH 01		2390	41.53	-12.47	54	35.39	27.38	15.53	36.77	100	229	A	V
2412MHz	*	2412	107.32	-	-	101.09	27.45	15.55	36.77	100	229	P	V
	*	2412	97.97	-	-	91.74	27.45	15.55	36.77	100	229	A	V
													V
													V
	*	2462	104.4	-	-	97.91	27.65	15.61	36.77	100	331	P	H
	*	2462	96	-	-	89.51	27.65	15.61	36.77	100	331	A	H
		2483.76	62.1	-11.9	74	55.49	27.74	15.64	36.77	100	331	P	H
802.11ax		2483.528	41.9	-12.1	54	35.3	27.73	15.64	36.77	100	331	A	H
HE20													H
Partial													H
106/54	*	2462	106.27	-	-	99.78	27.65	15.61	36.77	100	249	P	V
CH 11	*	2462	97.13	-	-	90.64	27.65	15.61	36.77	100	249	A	V
2462MHz		2483.644	60.85	-13.15	74	54.25	27.73	15.64	36.77	100	249	P	V
		2483.992	41.35	-12.65	54	34.74	27.74	15.64	36.77	100	249	A	V
													V
													V

	*	2467	107.04	-	-	100.52	27.67	15.62	36.77	349	225	P	H
	*	2467	98.38	-	-	91.86	27.67	15.62	36.77	349	225	A	H
		2483.644	67.67	-6.33	74	61.07	27.73	15.64	36.77	349	225	P	H
802.11ax		2483.586	45.93	-8.07	54	39.33	27.73	15.64	36.77	349	225	A	H
HE20													H
Partial													H
106/54	*	2467	104.94	-	-	98.42	27.67	15.62	36.77	100	260	P	V
CH 12	*	2467	95.34	-	-	88.82	27.67	15.62	36.77	100	260	A	V
2467MHz		2484.514	62.35	-11.65	74	55.74	27.74	15.64	36.77	100	260	P	V
		2483.586	42.06	-11.94	54	35.46	27.73	15.64	36.77	100	260	A	V
													V
													V
	*	2472	98.07	-	-	91.53	27.69	15.62	36.77	400	321	P	H
	*	2472	89.27	-	-	82.73	27.69	15.62	36.77	400	321	A	H
		2483.584	66.83	-7.17	74	60.23	27.73	15.64	36.77	400	321	P	H
802.11ax		2483.5	49.6	-4.4	54	43	27.73	15.64	36.77	400	321	A	H
HE20													H
Partial													H
106/54	*	2472	95.97	-	-	89.43	27.69	15.62	36.77	260	96	P	V
CH 13	*	2472	87.3	-	-	80.76	27.69	15.62	36.77	260	96	A	V
2472MHz		2483.5	64.11	-9.89	74	57.51	27.73	15.64	36.77	260	96	P	V
		2483.5	47.02	-6.98	54	40.42	27.73	15.64	36.77	260	96	A	V
													V
													V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Emission above 18GHz

2.4GHz WIFI 802.11ax HE20 (SHF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		23589	43.4	-30.6	74	60.9	39.1	-2.64	53.96	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
2.4GHz													H
802.11ax													H
HE20		23490	43.42	-30.58	74	60.97	39.12	-2.66	54.01	-	-	P	V
SHF													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 WIFI 802.11ax HE20 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+3		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30	23.42	-16.58	40	30.68	24.41	0.72	32.39	-	-	P	H
		53.58	25.17	-14.83	40	43.85	12.81	0.96	32.45	-	-	P	H
		58.62	23.94	-16.06	40	43.56	11.79	1.03	32.44	-	-	P	H
		88.32	26.39	-17.11	43.5	43.05	14.5	1.25	32.41	-	-	P	H
		863.33	31.25	-14.75	46	30.42	29.04	3.51	31.72	-	-	P	H
		947.86	33.48	-12.52	46	30.34	30.42	3.75	31.03	-	-	P	H
													H
													H
													H
													H
2.4GHz													H
802.11ax													H
HE20		30	29.4	-10.6	40	36.66	24.41	0.72	32.39	-	-	P	V
LF		39.9	29.33	-10.67	40	41.21	19.72	0.82	32.42	-	-	P	V
		52.5	32.52	-7.48	40	50.8	13.23	0.95	32.46	-	-	P	V
		58.44	32.32	-7.68	40	51.91	11.83	1.02	32.44	-	-	P	V
		872.02	30.56	-15.44	46	29.67	29.02	3.53	31.66	-	-	P	V
		947.86	32.56	-13.44	46	29.42	30.42	3.75	31.03	-	-	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.

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:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		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

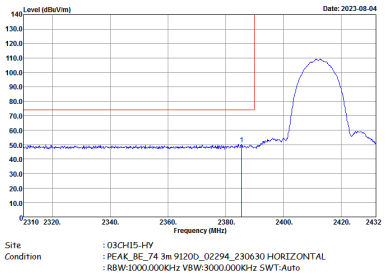
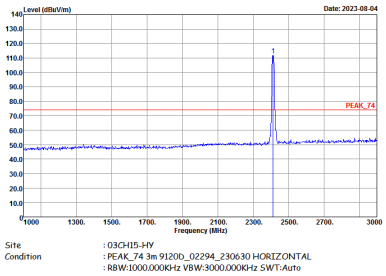
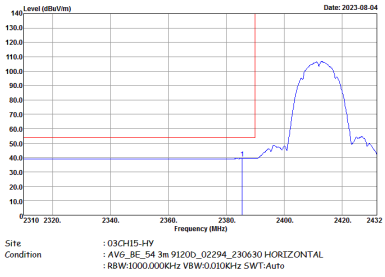
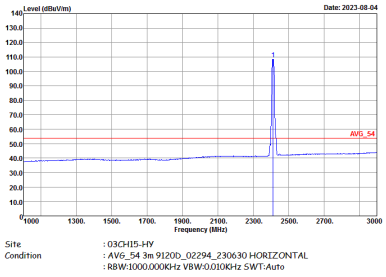
Test Engineer :	Bigshow Wang, Quentin Liu and Danel Lee	**Temperature :**	21~26°C
		Relative Humidity :	45~60%

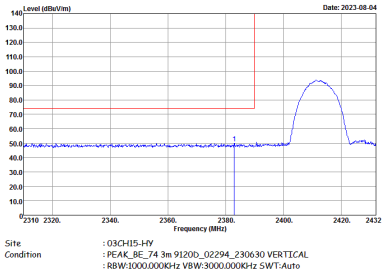
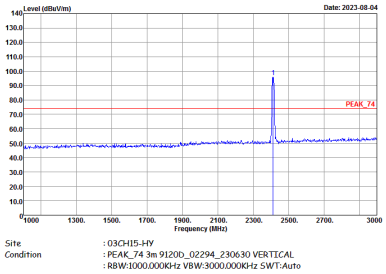
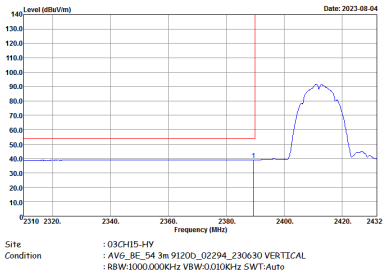
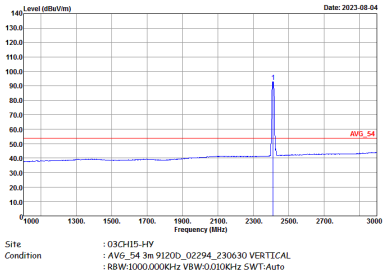
Note symbol

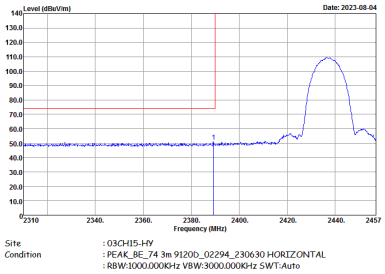
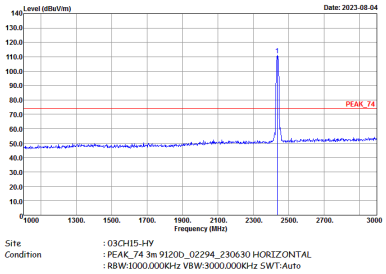
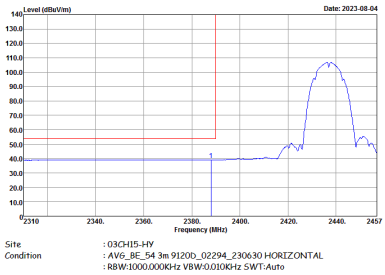
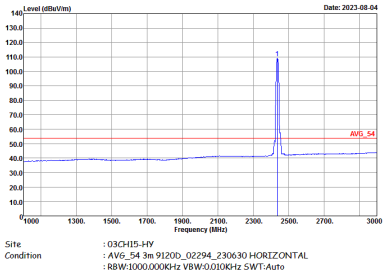
-L	**Low channel location**
-R	**High channel location**

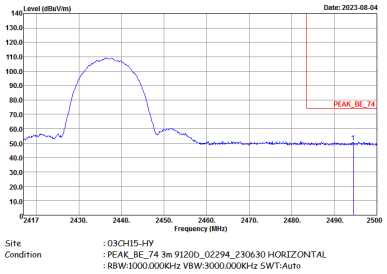
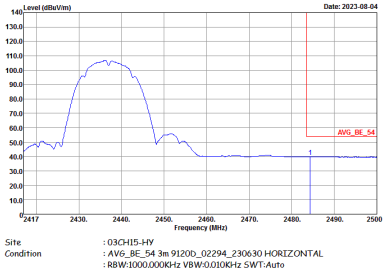
2.4GHz 2400~2483.5MHz

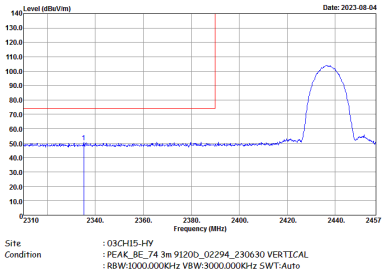
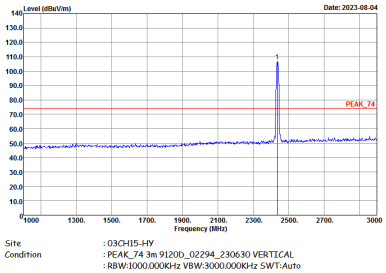
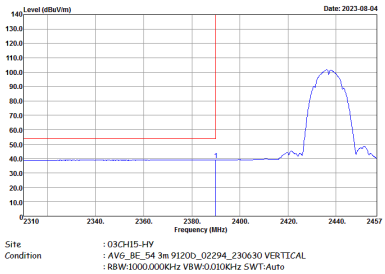
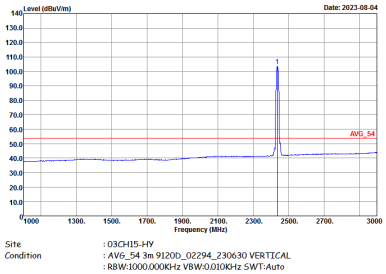
WIFI 802.11b (Band Edge @ 3m)

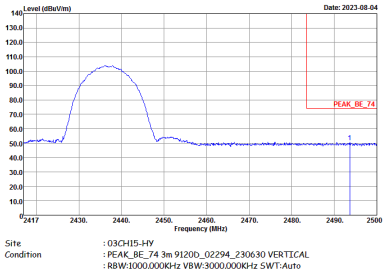
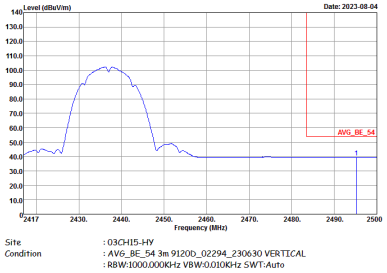
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Fundamental
Peak		
Avg.		

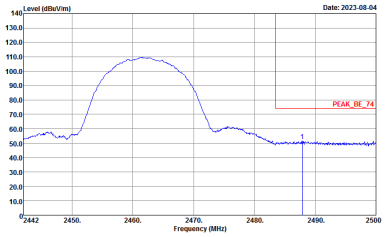
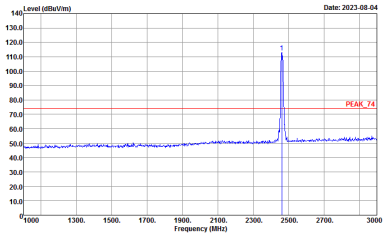
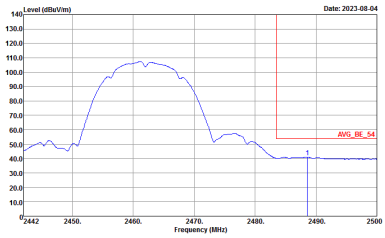
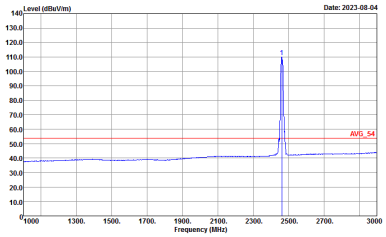
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
4	Vertical	Fundamental
Peak		
Avg.		

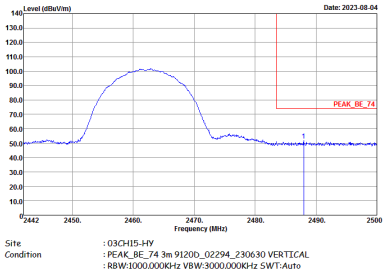
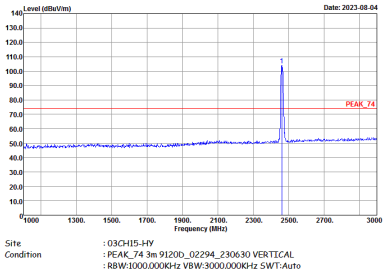
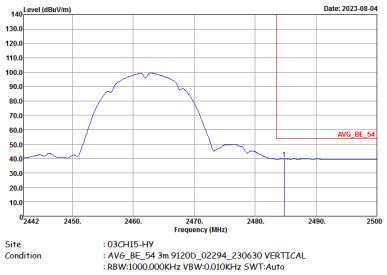
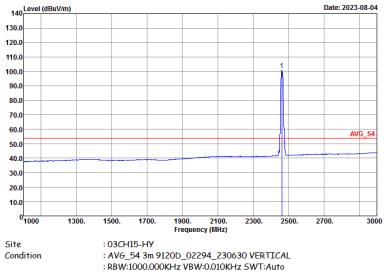
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Horizontal	Fundamental
Peak		
Avg.		

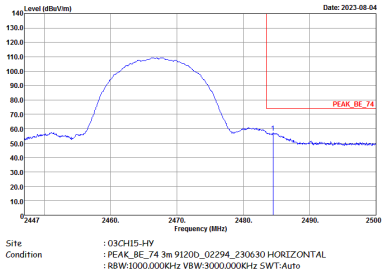
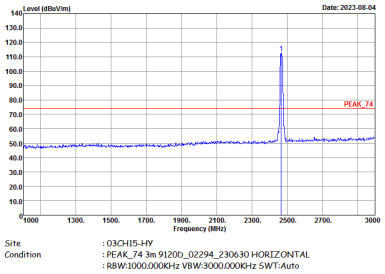
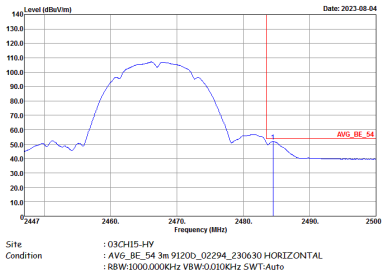
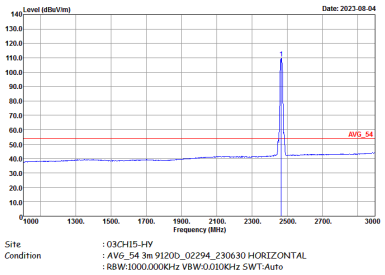
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

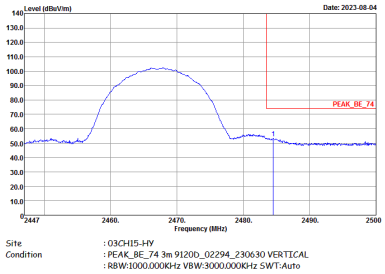
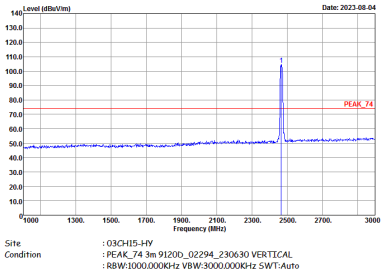
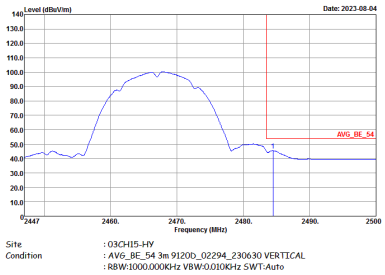
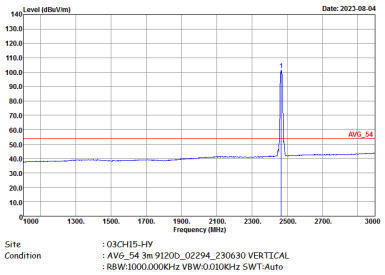
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
4	Vertical	Fundamental
Peak		
Avg.		

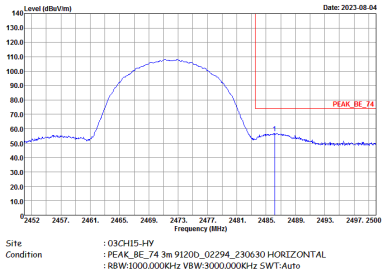
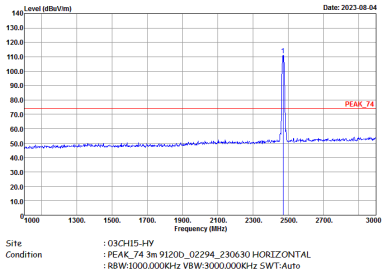
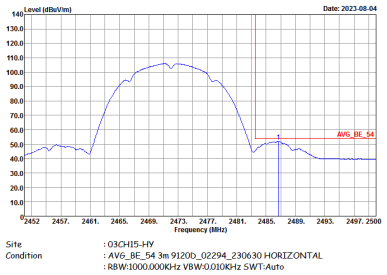
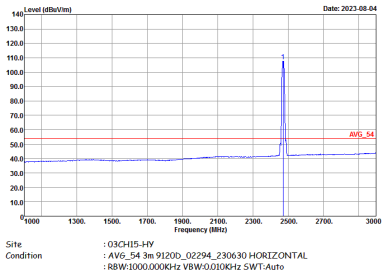
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

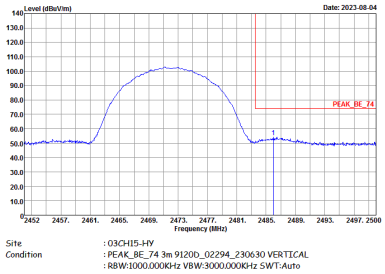
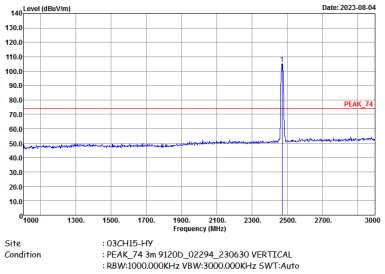
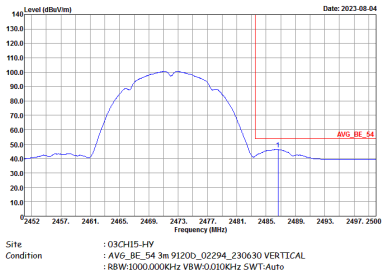
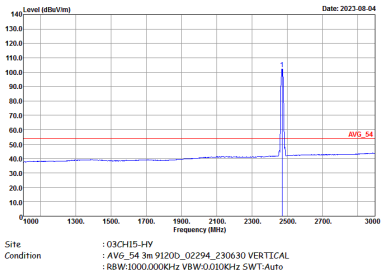
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

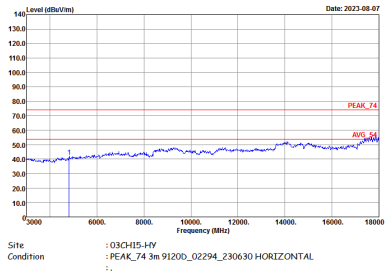
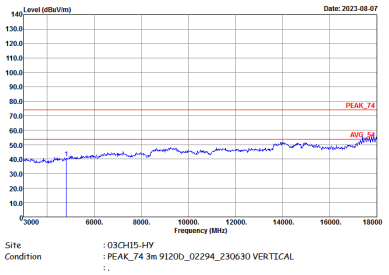
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

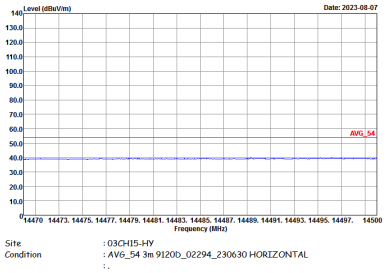
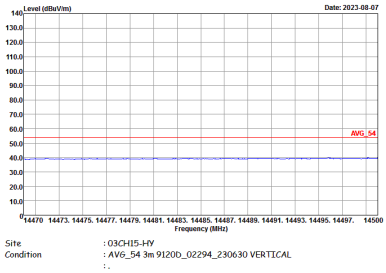
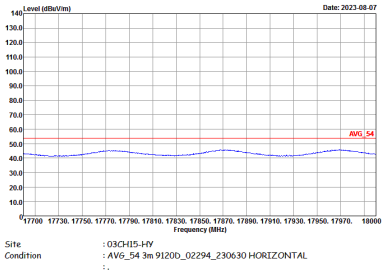
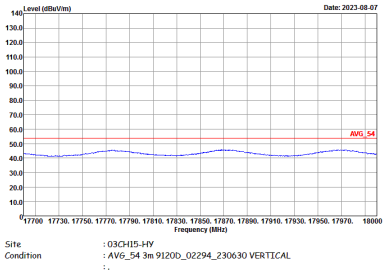
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

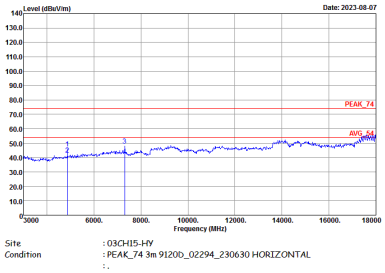
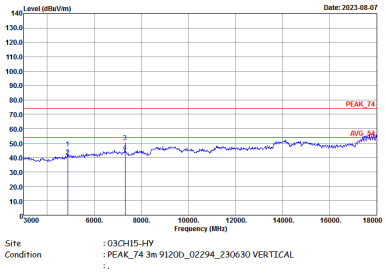
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

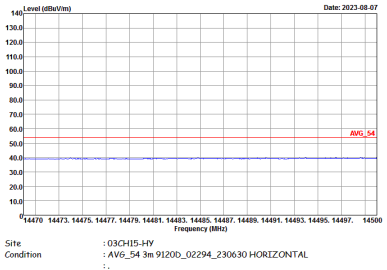
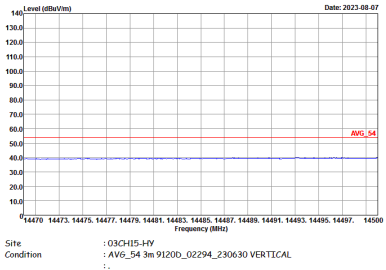
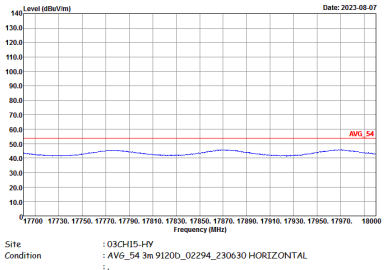
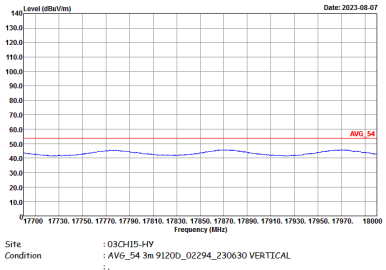
2.4GHz 2400~2483.5MHz

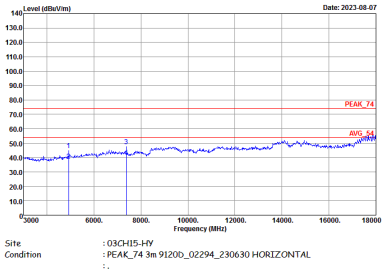
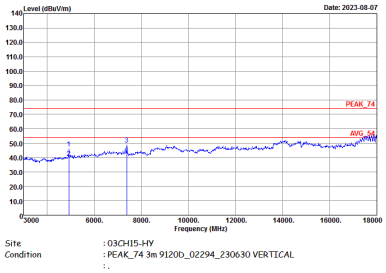
WIFI 802.11b (Harmonic @ 3m)

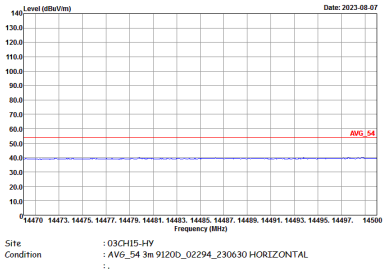
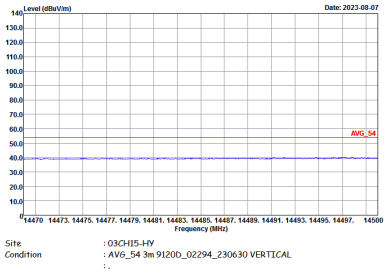
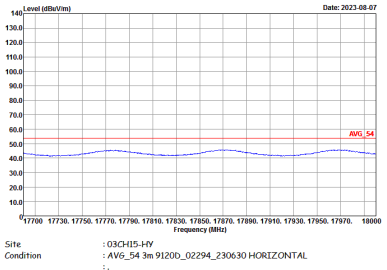
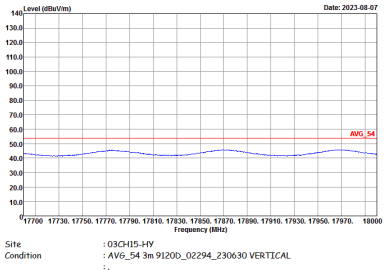
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Vertical
Peak Avg.		

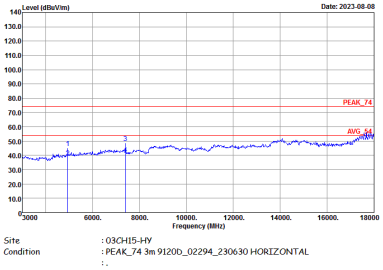
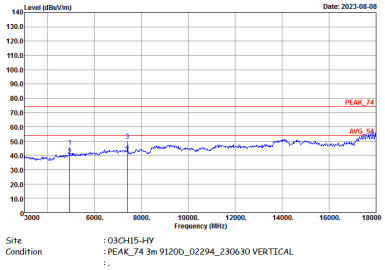
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

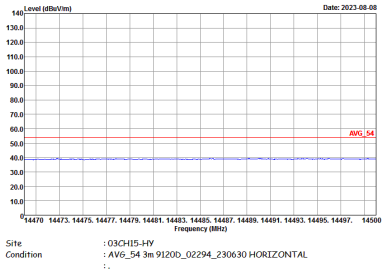
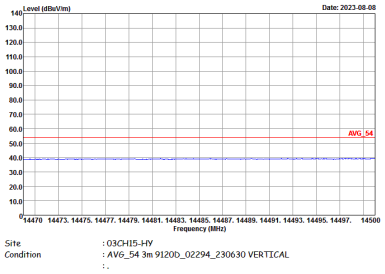
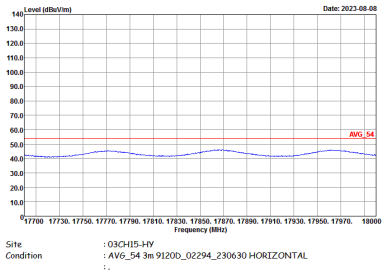
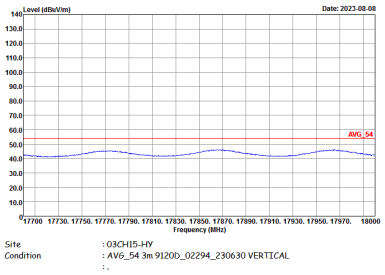
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4	Horizontal	Vertical
Peak Avg.		

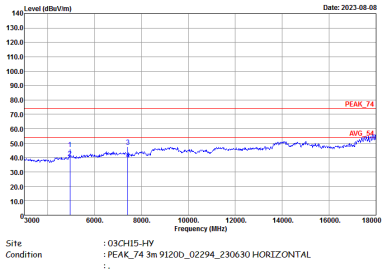
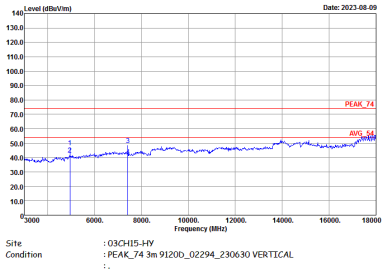
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

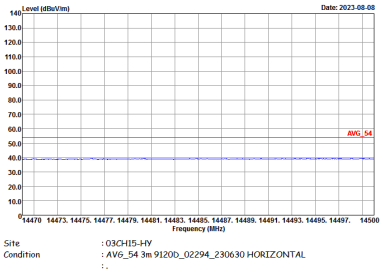
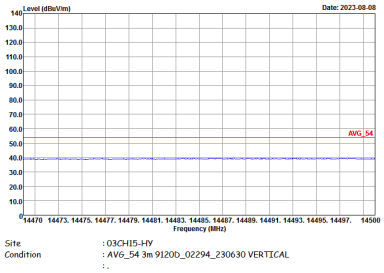
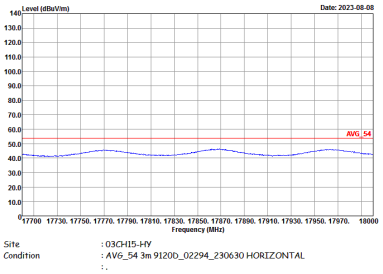
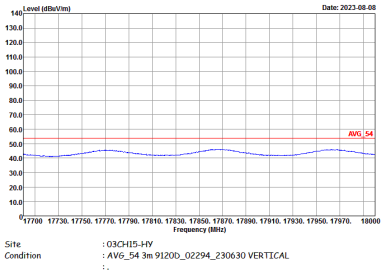
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Vertical
Peak Avg.		

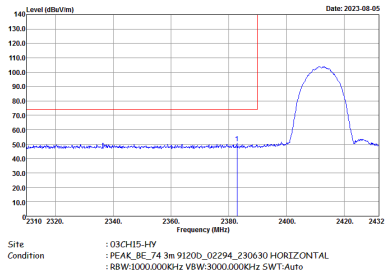
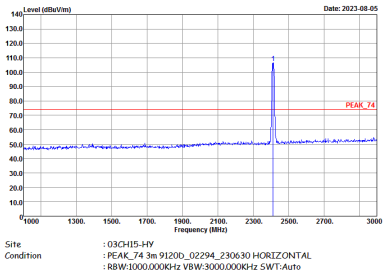
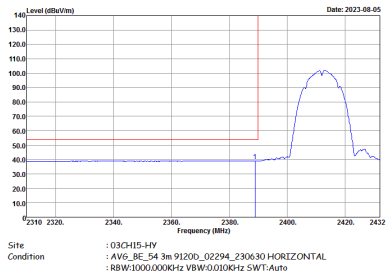
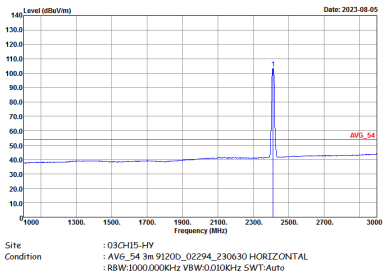
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

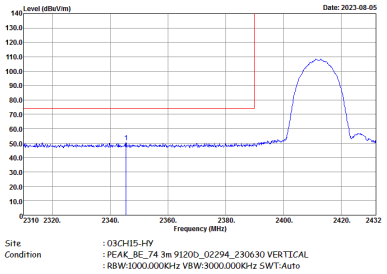
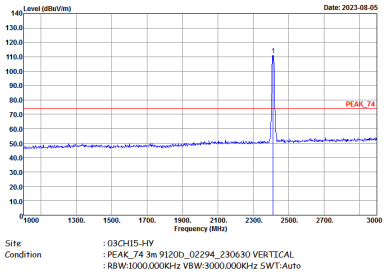
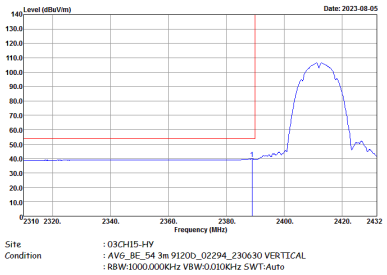
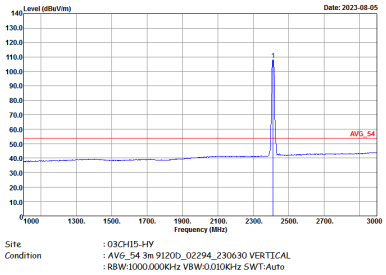
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Vertical
Peak Avg.		

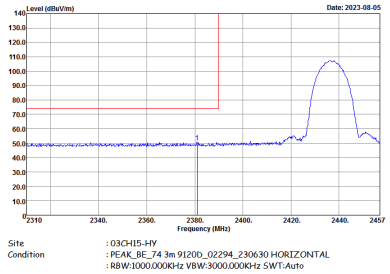
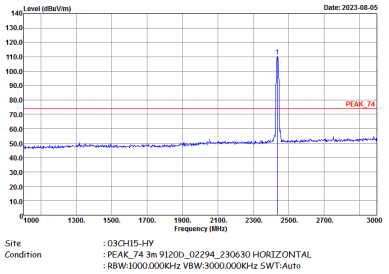
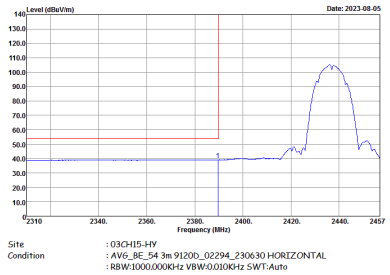
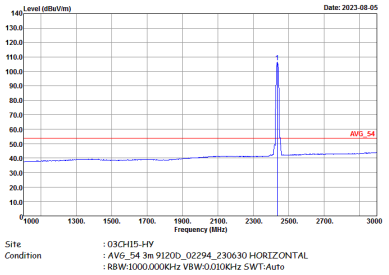
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

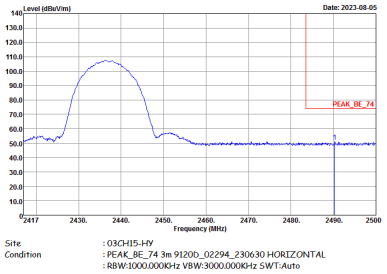
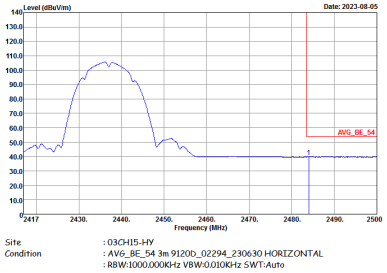
2.4GHz 2400~2483.5MHz

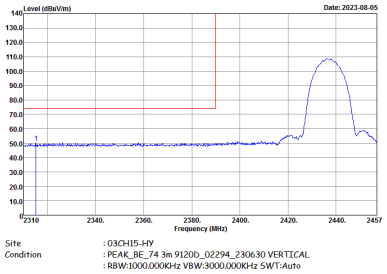
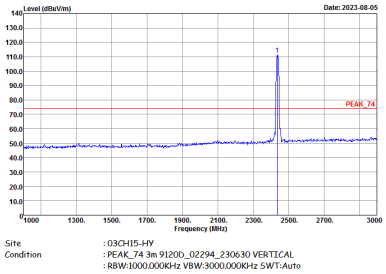
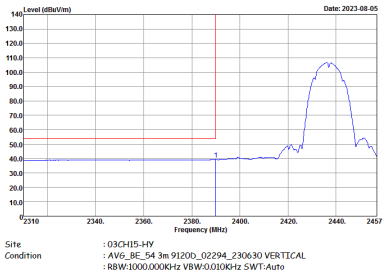
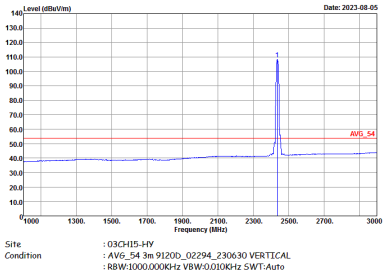
WIFI 802.11b (Band Edge @ 3m)

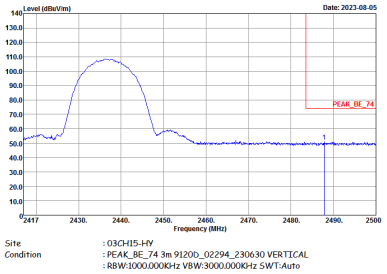
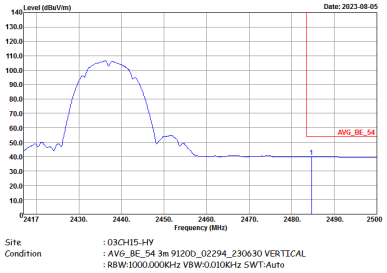
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Fundamental
Peak		
Avg.		

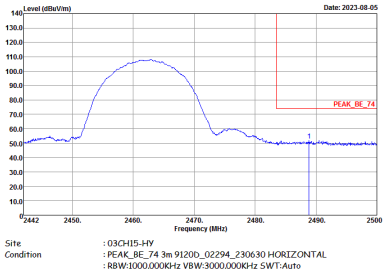
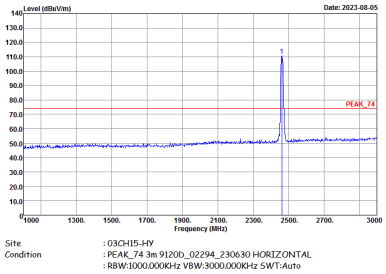
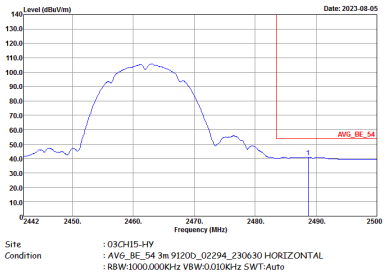
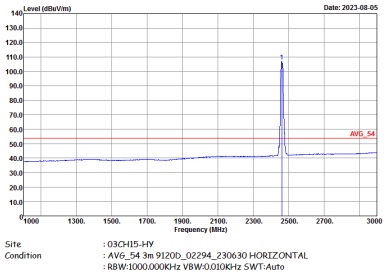
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
3	Vertical	Fundamental
Peak		
Avg.		

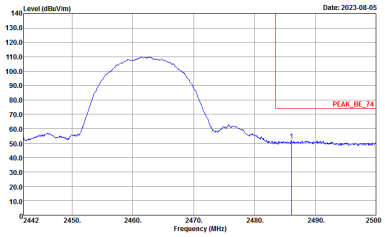
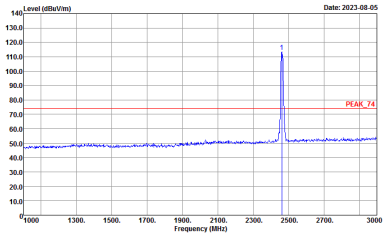
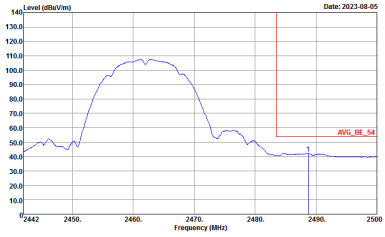
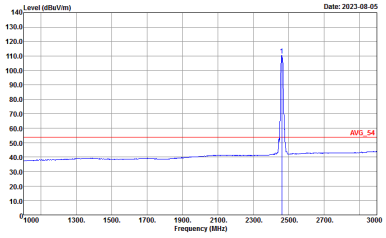
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Horizontal	Fundamental
Peak		
Avg.		

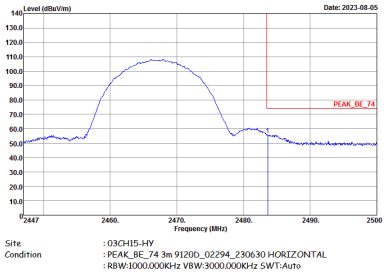
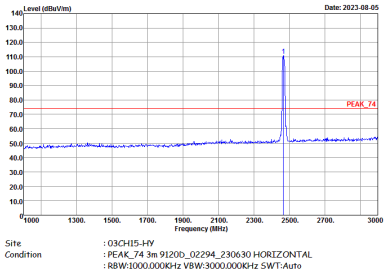
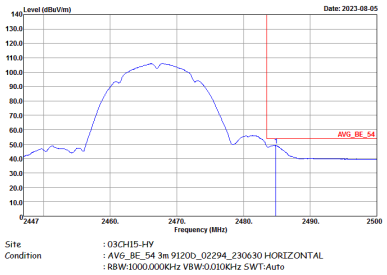
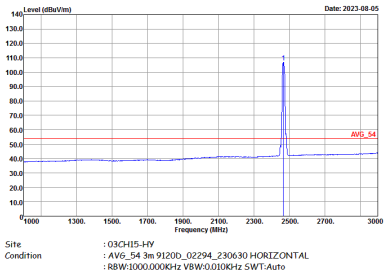
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

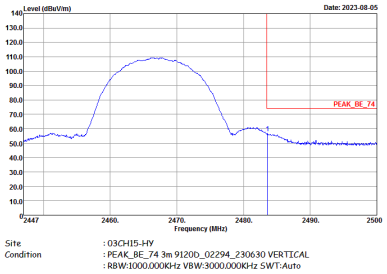
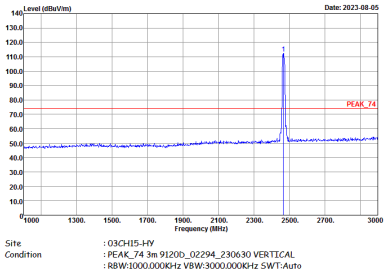
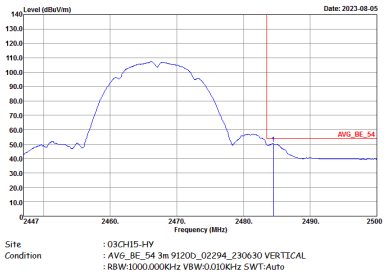
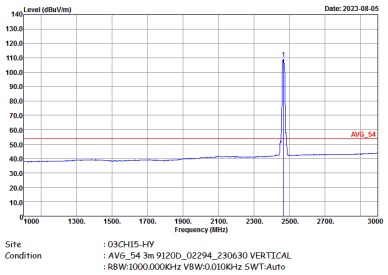
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
3	Vertical	Fundamental
Peak		
Avg.		

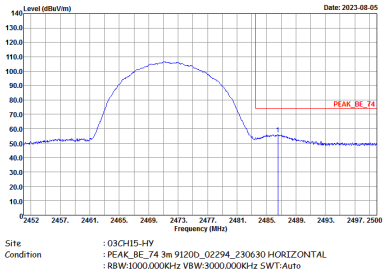
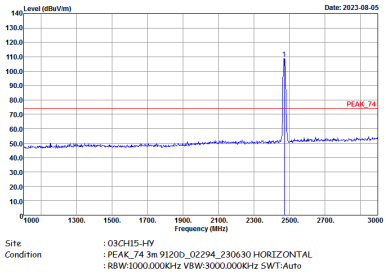
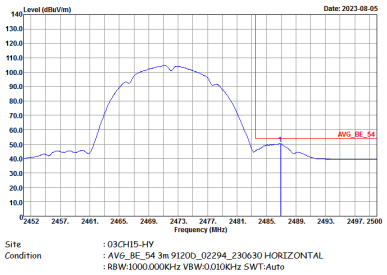
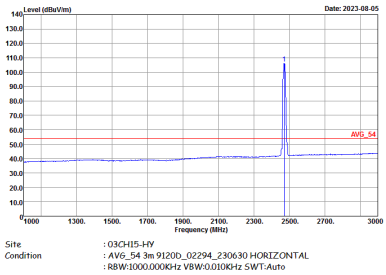
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
3	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

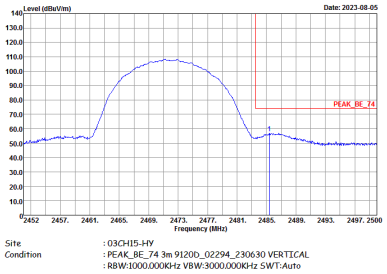
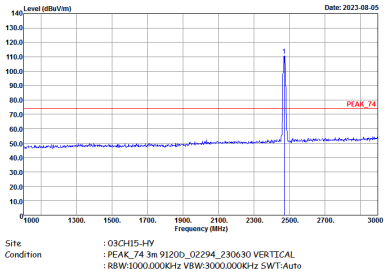
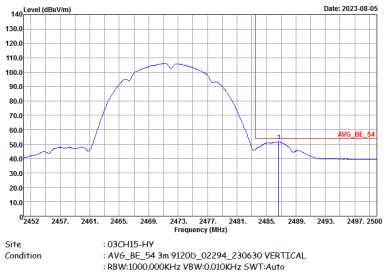
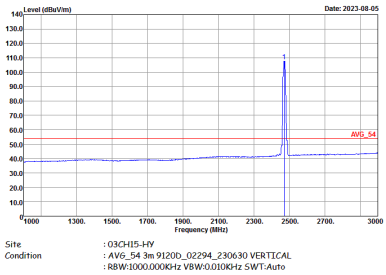
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

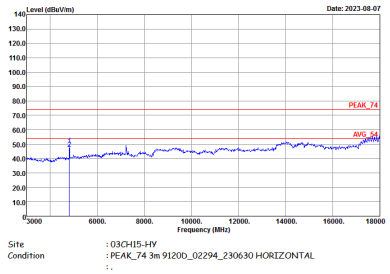
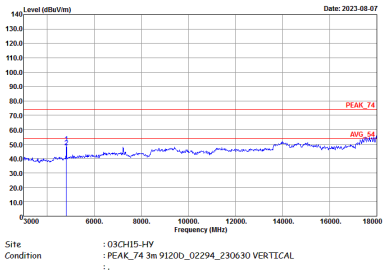
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

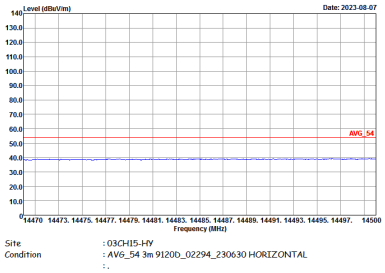
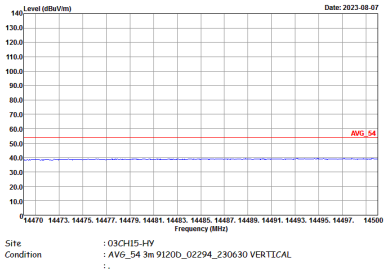
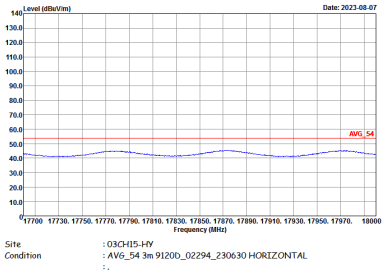
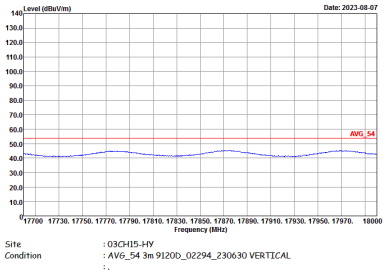
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

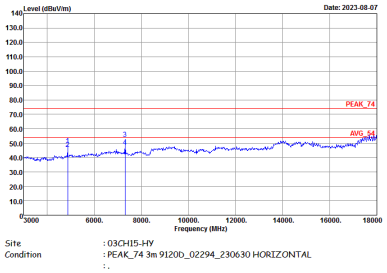
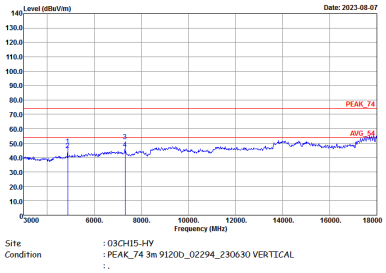
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

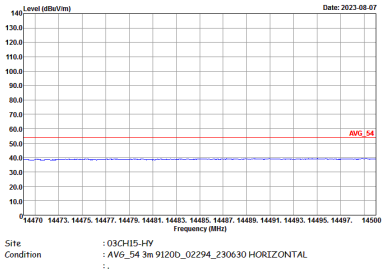
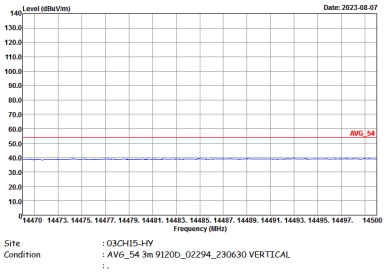
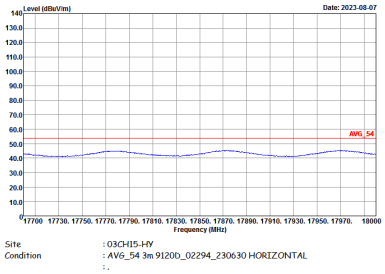
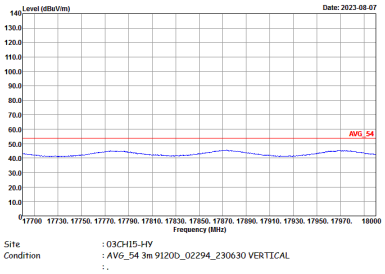
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
3	Horizontal	Vertical
Peak Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
3	Horizontal	Vertical
14.47G ~14.5G Avg.		
17.7G ~18G Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
3	Horizontal	Vertical
Peak Avg.