

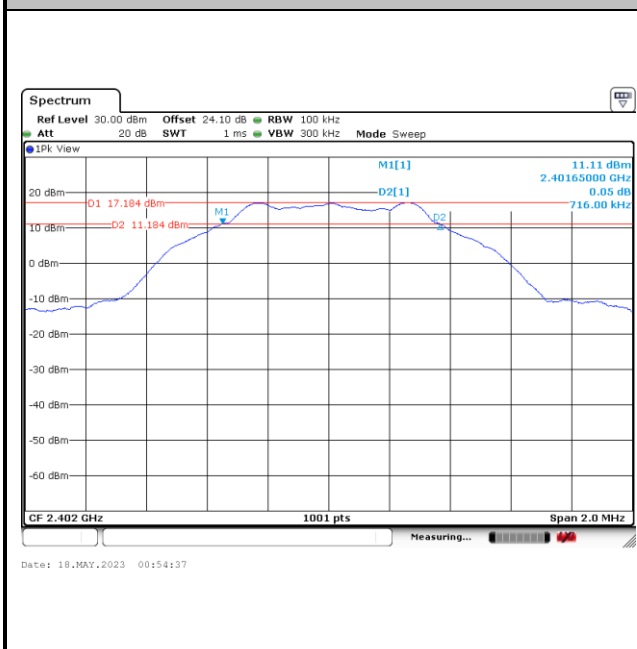


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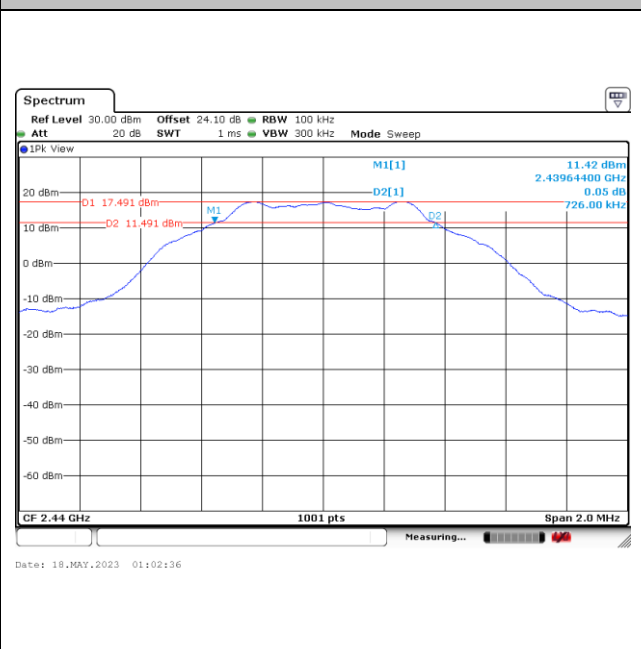
6dB Bandwidth

<1Mbps>

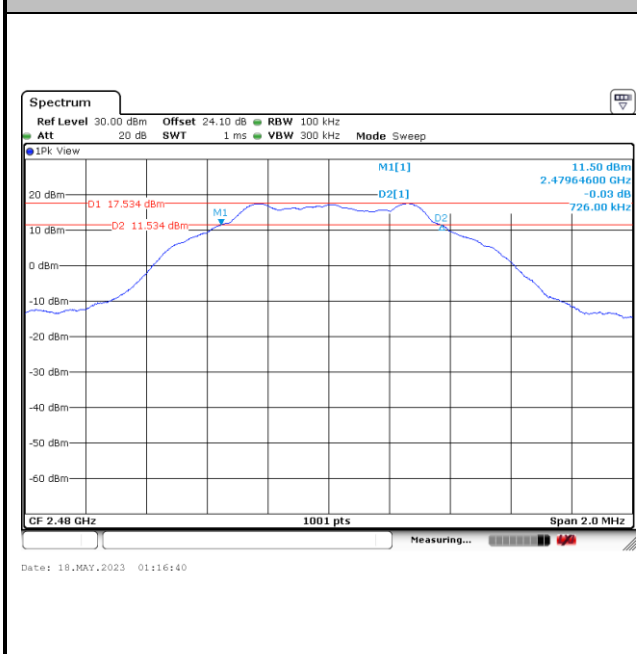
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19



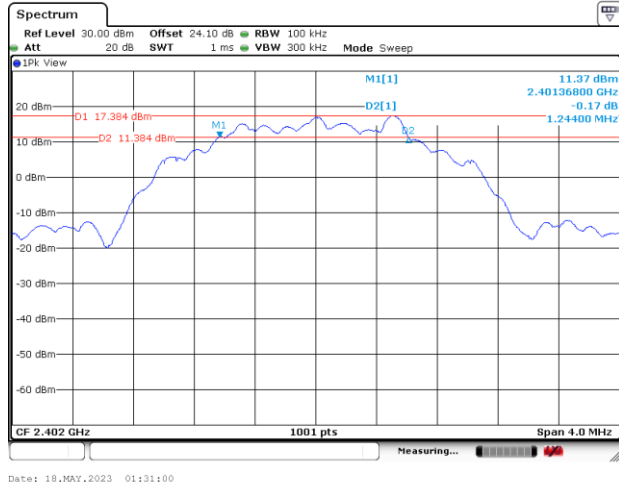
6 dB Bandwidth Plot on Channel 39



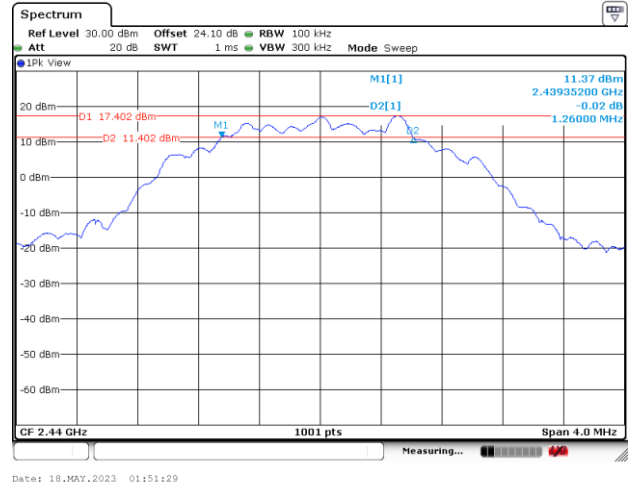


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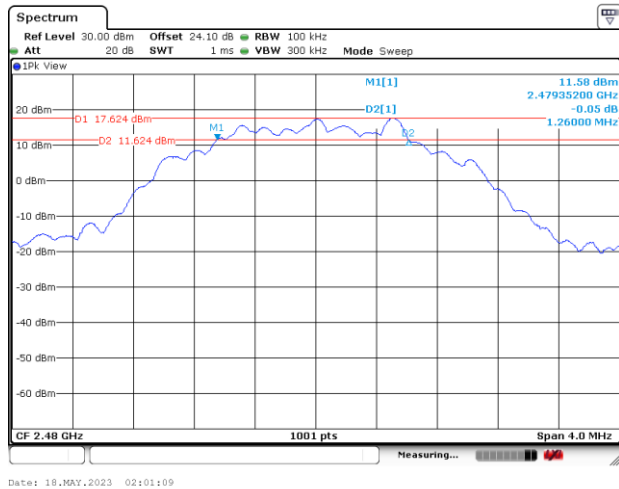
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19



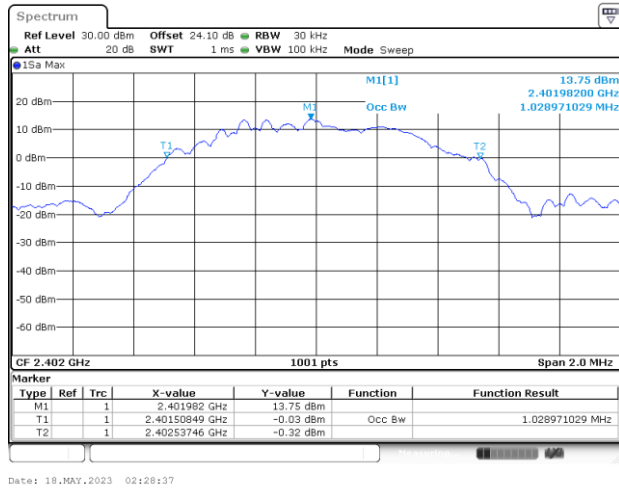
6 dB Bandwidth Plot on Channel 39



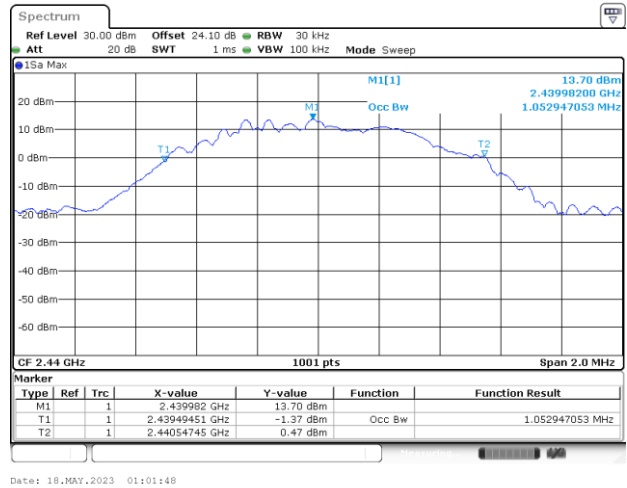
99% Occupied Bandwidth

<1Mbps>

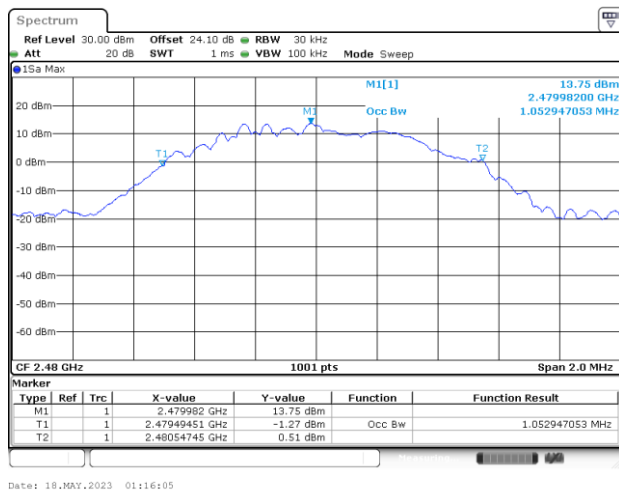
99% Occupied Bandwidth Plot on Channel 00



99% Occupied Plot Bandwidth on Channel 19



99% Occupied Bandwidth Plot on Channel 39

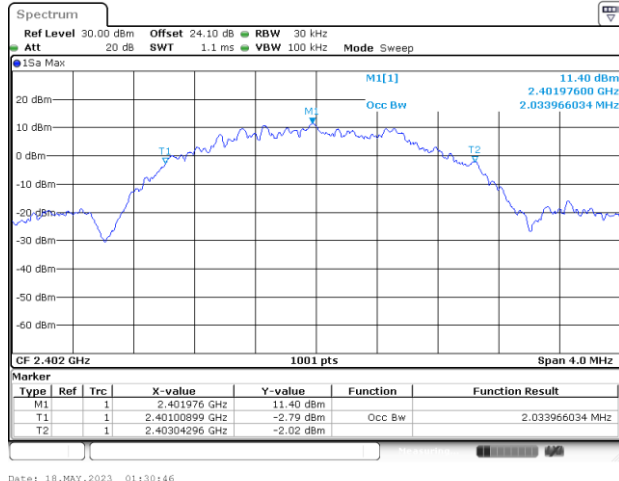


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

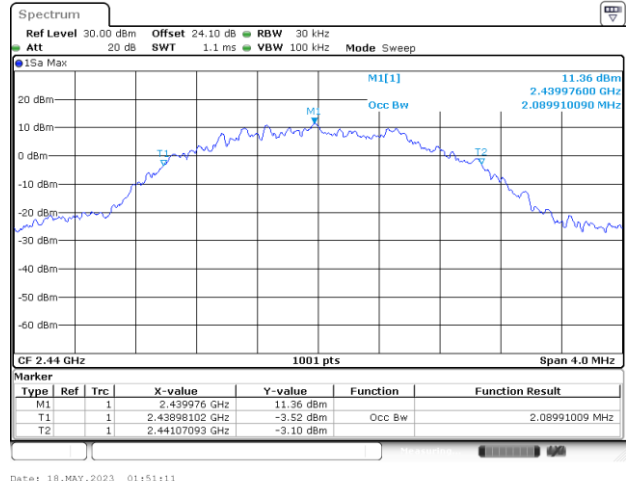


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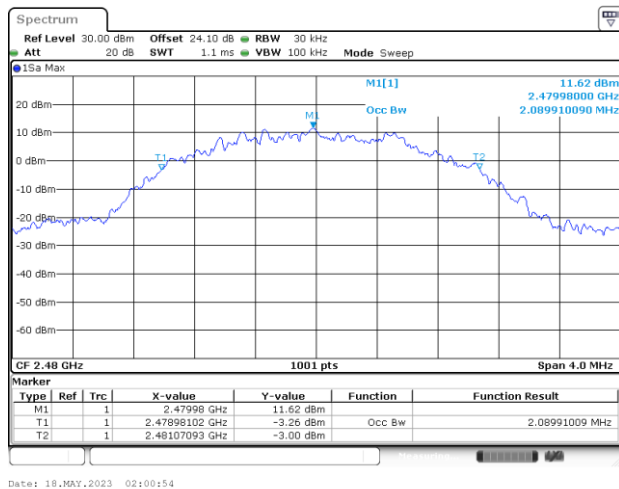
99% Occupied Bandwidth Plot on Channel 00



99% Occupied Plot Bandwidth on Channel 19

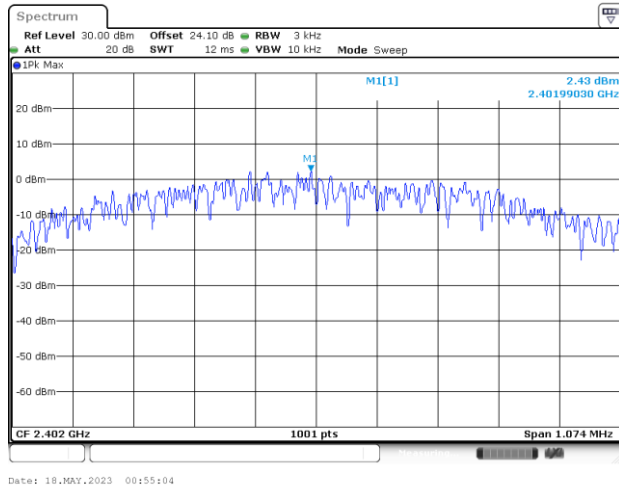
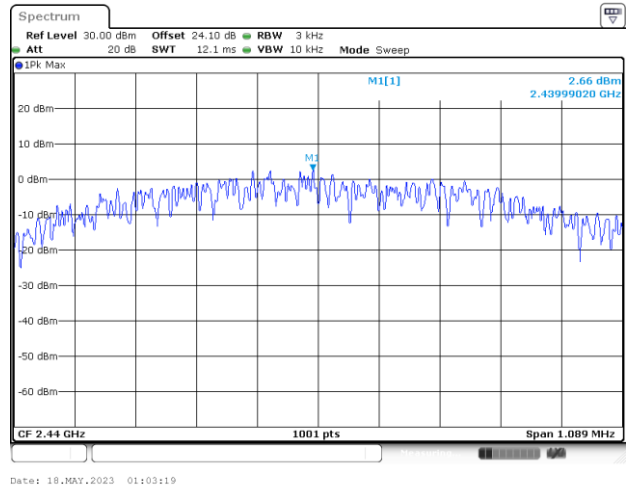
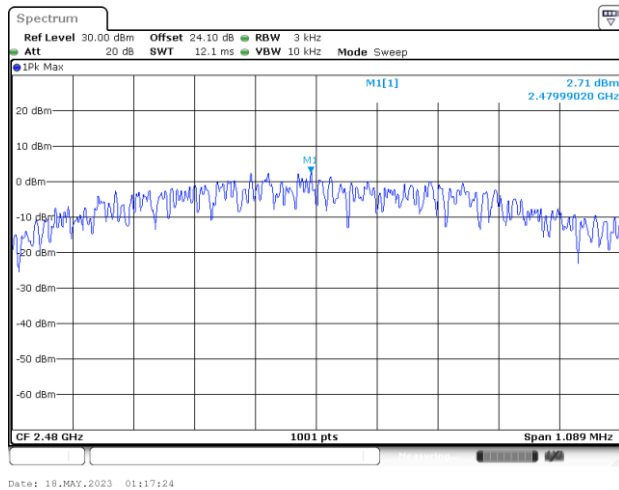


99% Occupied Bandwidth Plot on Channel 39



**Power Spectral Density (dBm/3kHz)**

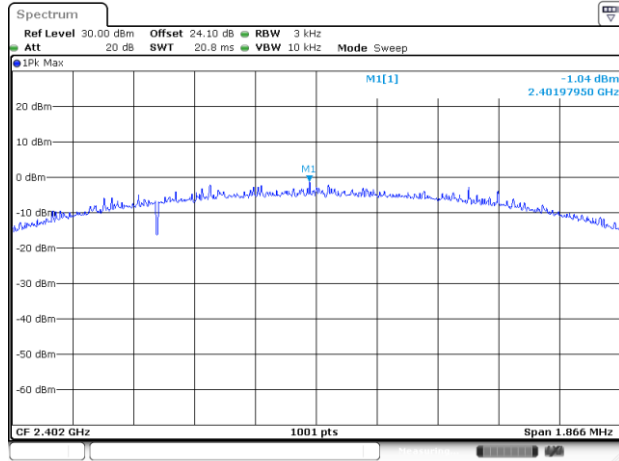
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Power Density (dBm/3kHz) Plot Channel 00**Power Density (dBm/3kHz) Plot Channel 19****Power Density (dBm/3kHz) Plot Channel 39**

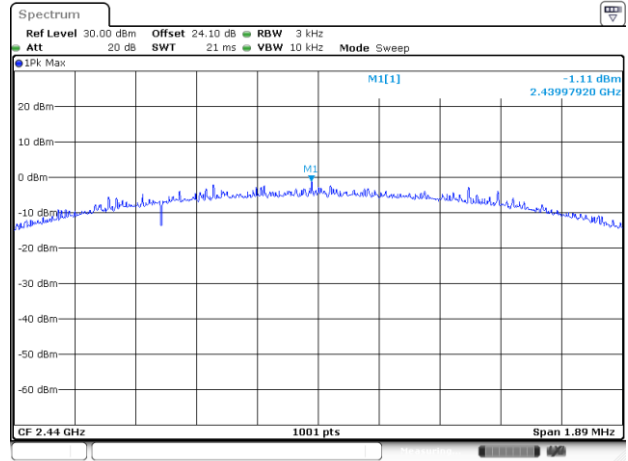


<2Mbps>

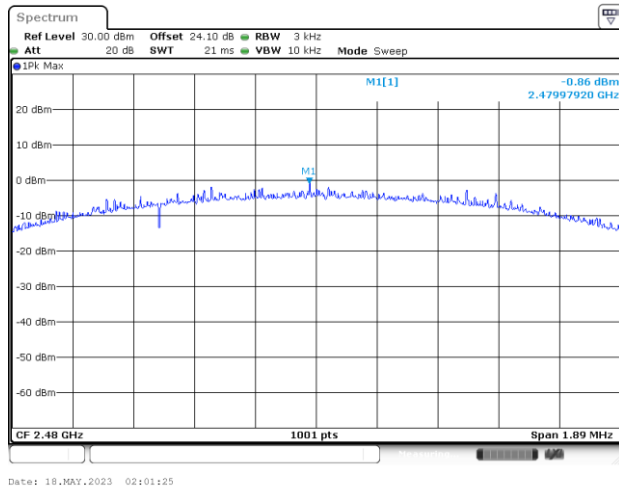
Power Density (dBm/3kHz) Plot Channel 00



Power Density (dBm/3kHz) Plot Channel 19



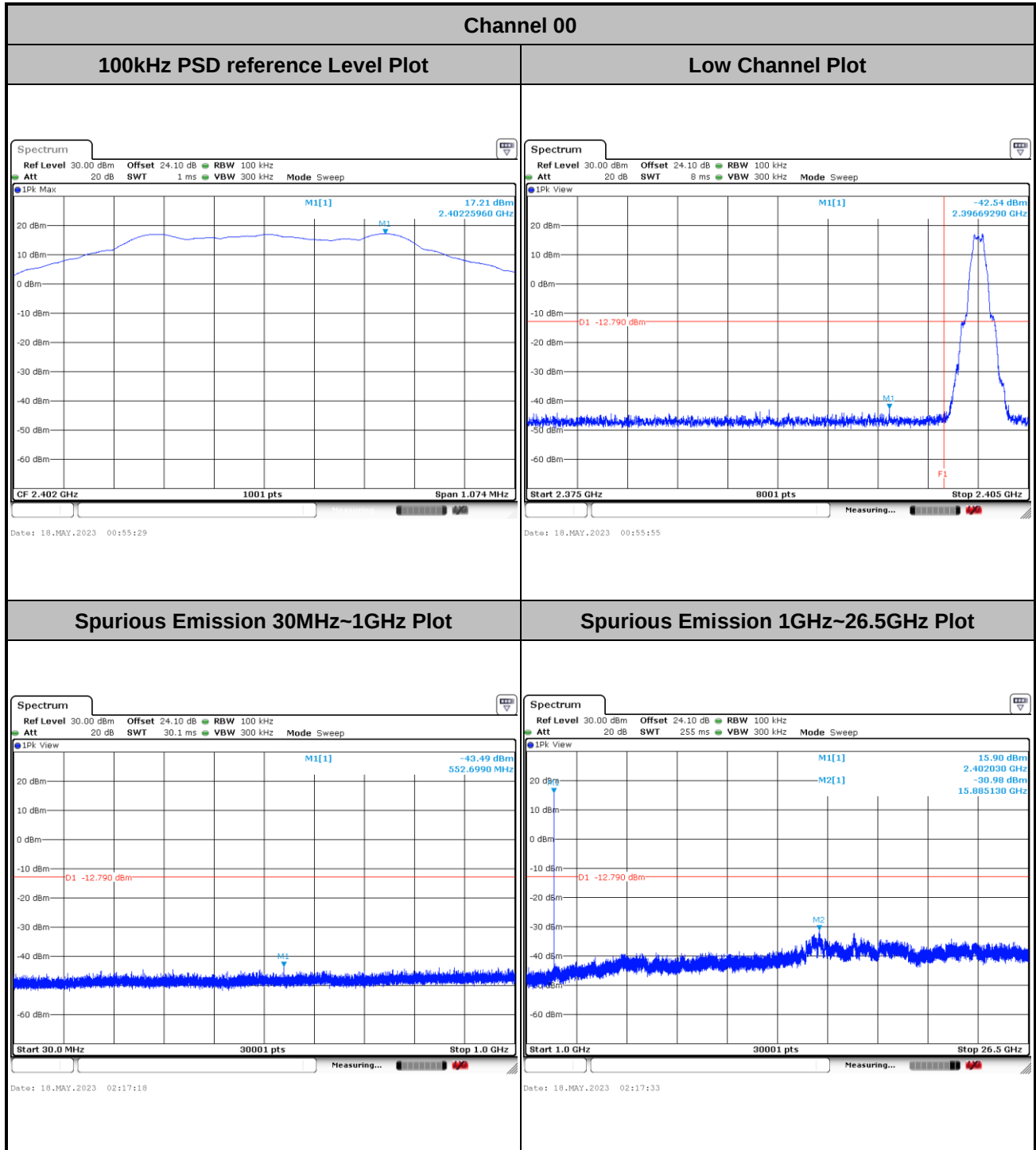
Power Density (dBm/3kHz) Plot Channel 39





Band Edge and Conducted Spurious Emission

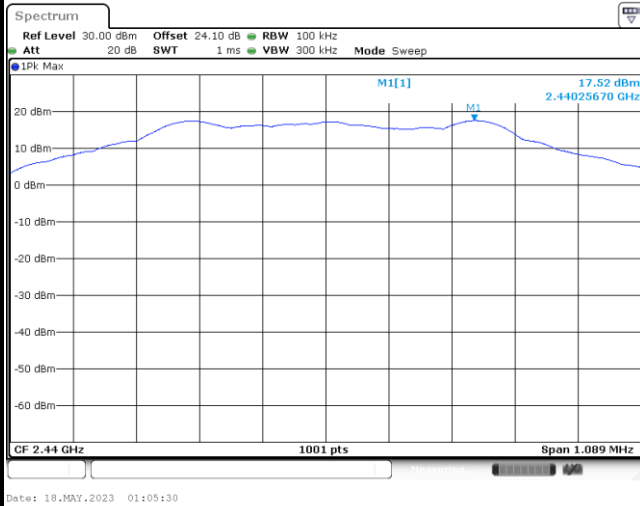
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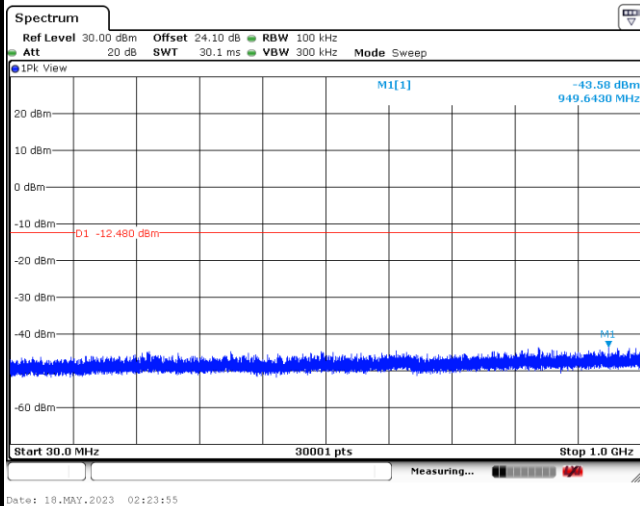
Channel 19

100kHz PSD reference Level Plot

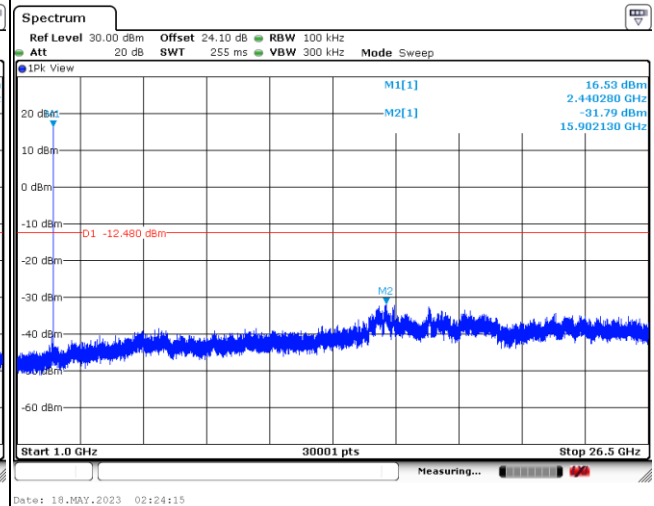


Low Channel Plot

Spurious Emission 30MHz~1GHz Plot



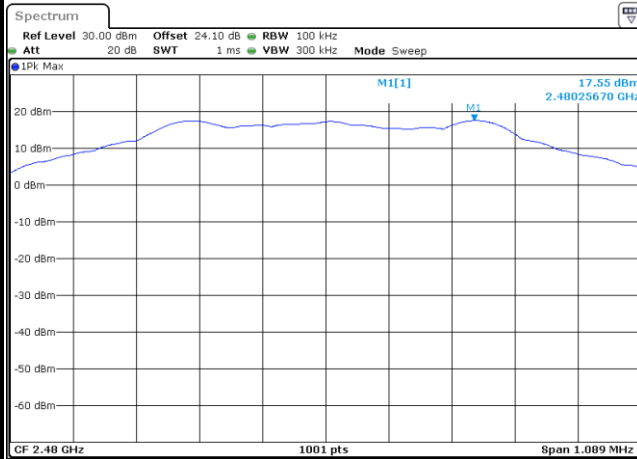
Spurious Emission 1GHz~26.5GHz Plot





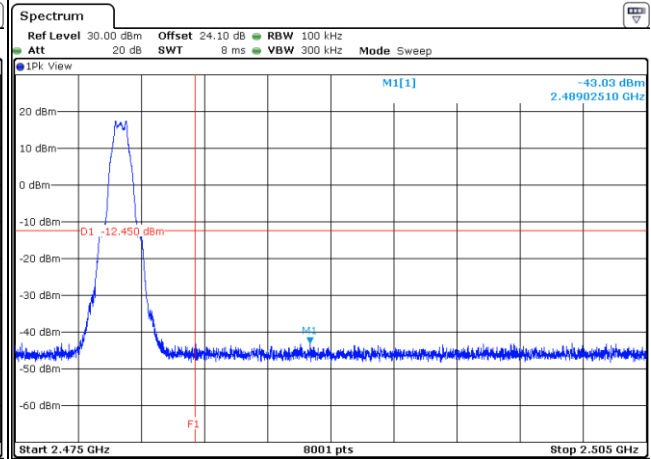
Channel 39

100kHz PSD reference Level Plot



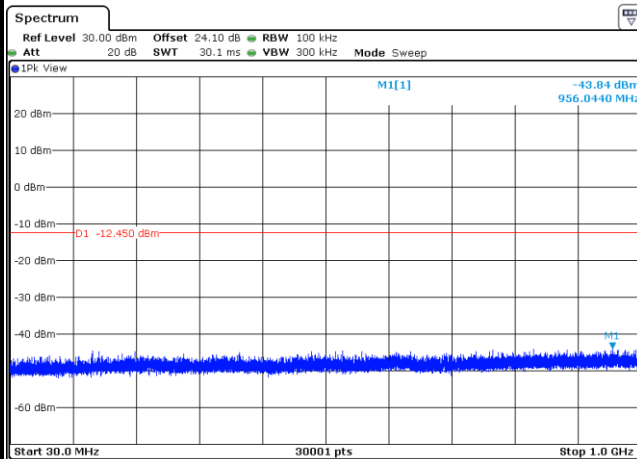
Date: 18.MAY.2023 01:17:55

Low Channel Plot



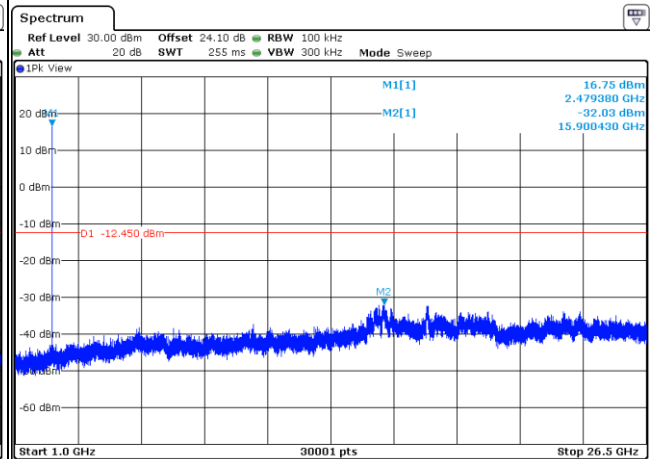
Date: 18.MAY.2023 01:18:58

Spurious Emission 30MHz~1GHz Plot



Date: 18.MAY.2023 01:18:15

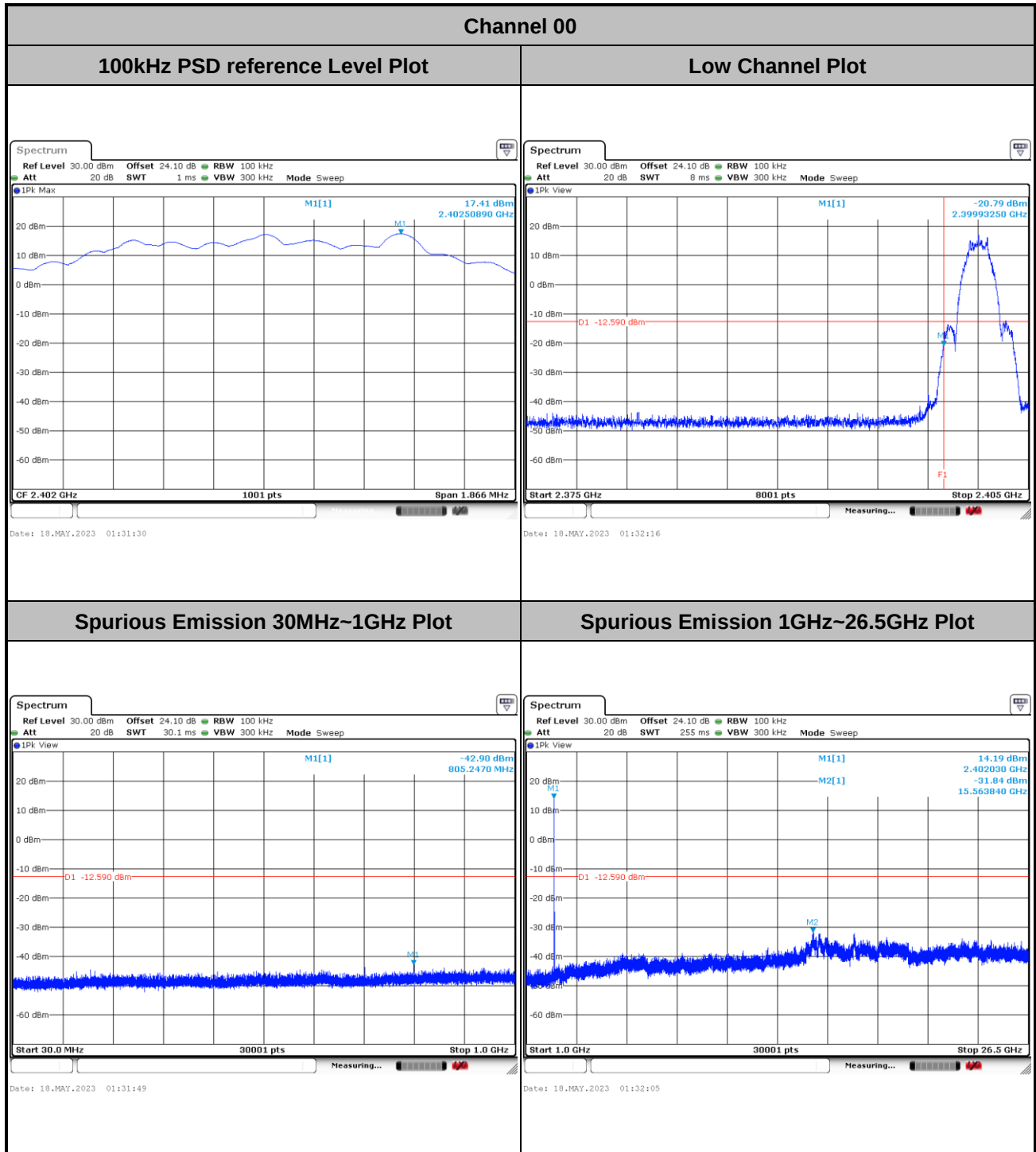
Spurious Emission 1GHz~26.5GHz Plot



Date: 18.MAY.2023 01:18:31



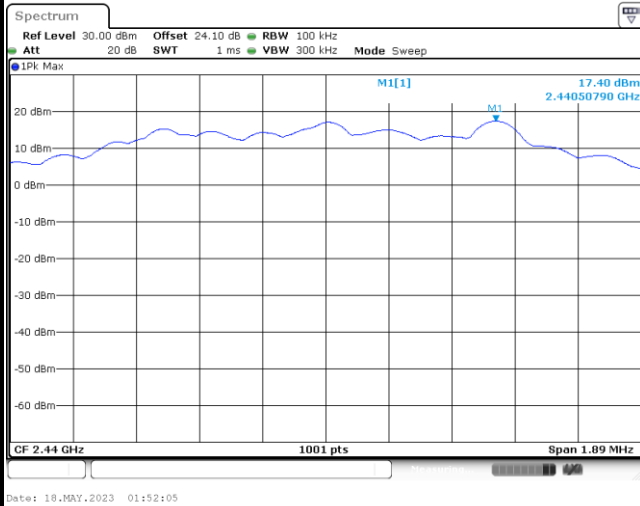
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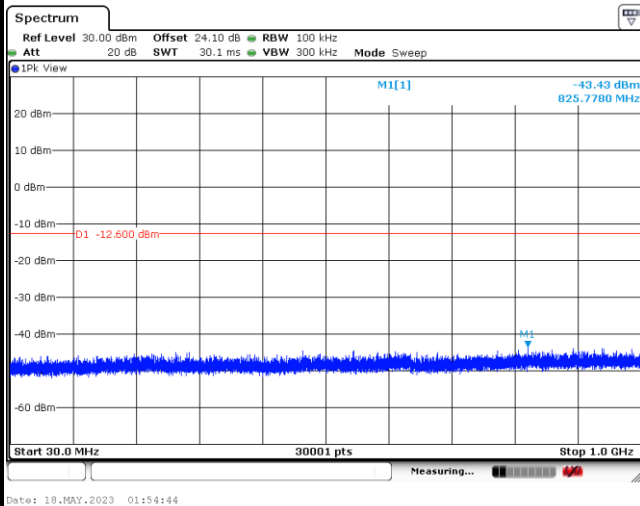
Channel 19

100kHz PSD reference Level Plot

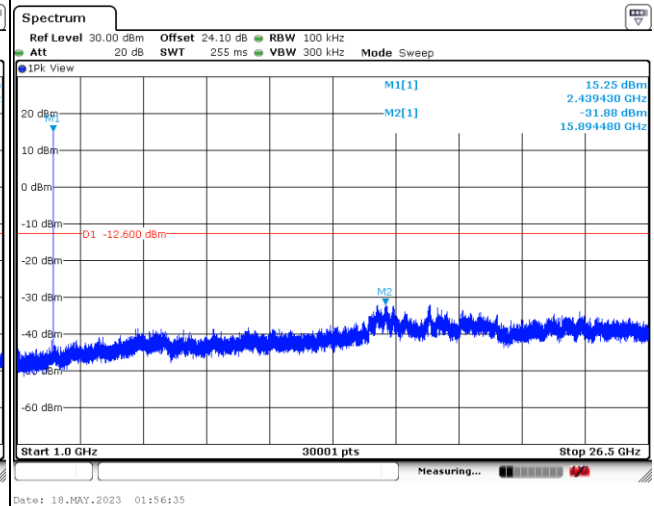


Low Channel Plot

Spurious Emission 30MHz~1GHz Plot



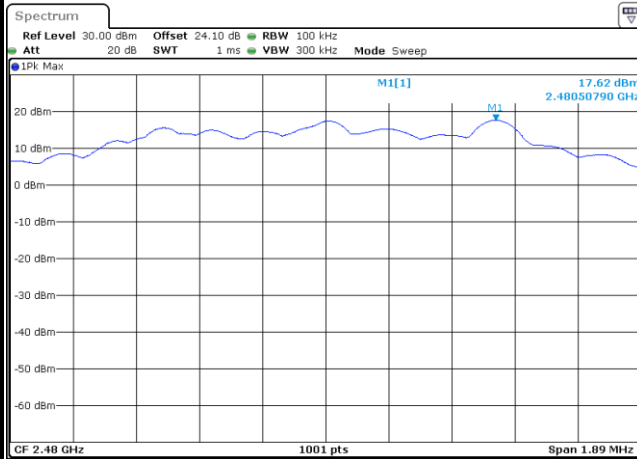
Spurious Emission 1GHz~26.5GHz Plot



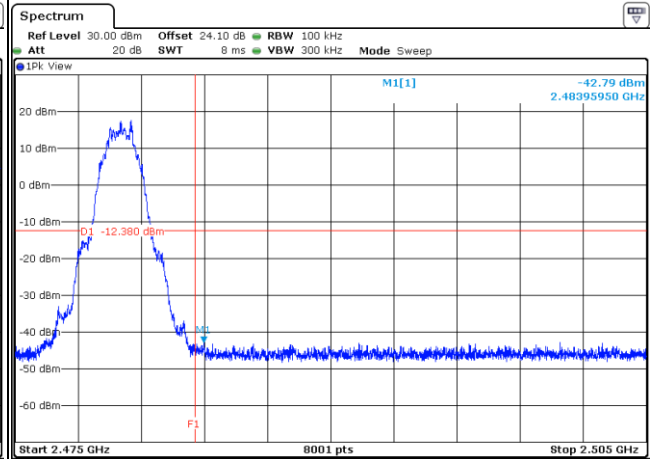


Channel 39

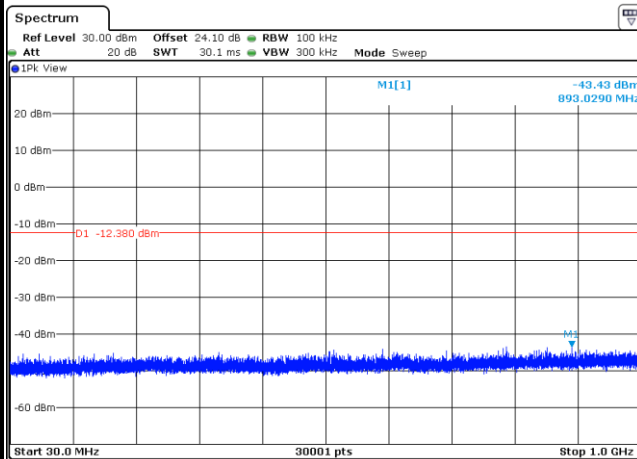
100kHz PSD reference Level Plot



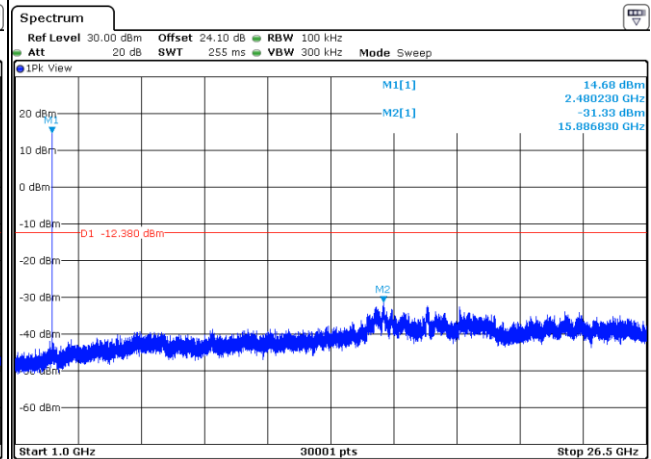
Low Channel Plot



Spurious Emission 30MHz~1GHz Plot



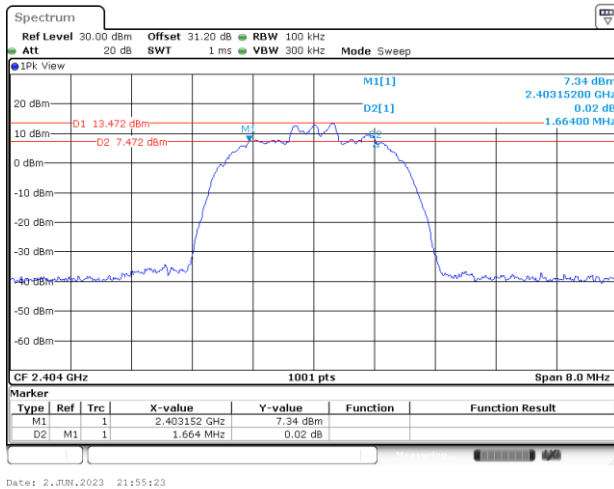
Spurious Emission 1GHz~26.5GHz Plot



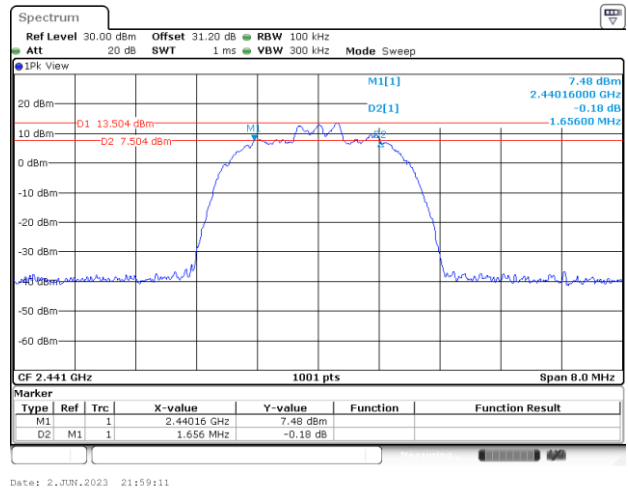
6dB Bandwidth

<4Mbps>

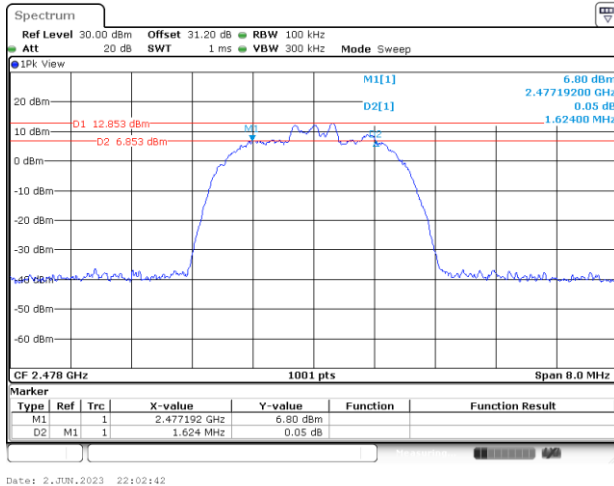
6 dB Bandwidth Plot on Channel 02



6 dB Bandwidth Plot on Channel 39



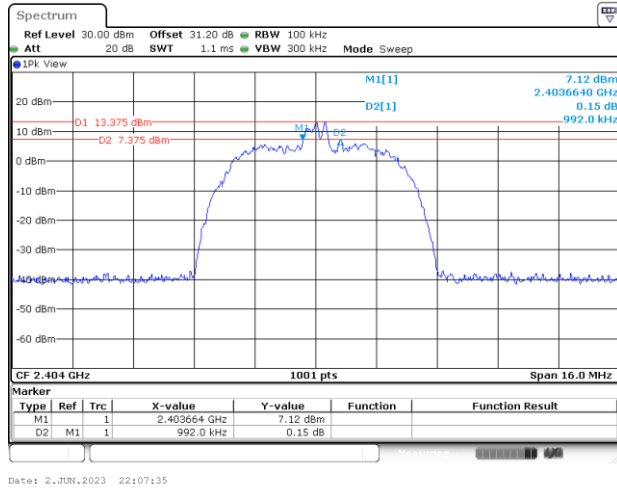
6 dB Bandwidth Plot on Channel 76



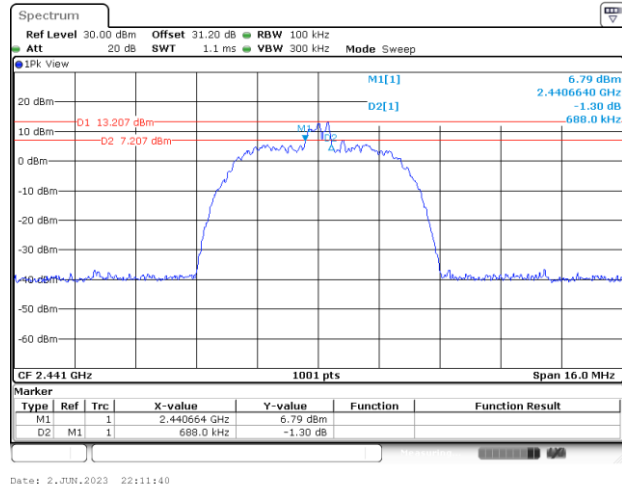


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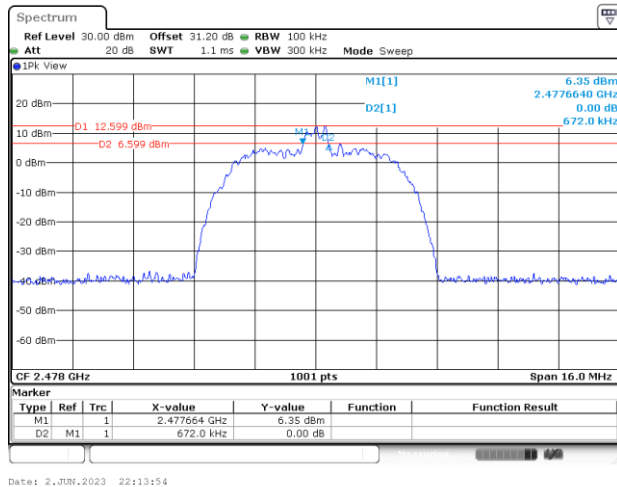
6 dB Bandwidth Plot on Channel 02



6 dB Bandwidth Plot on Channel 39

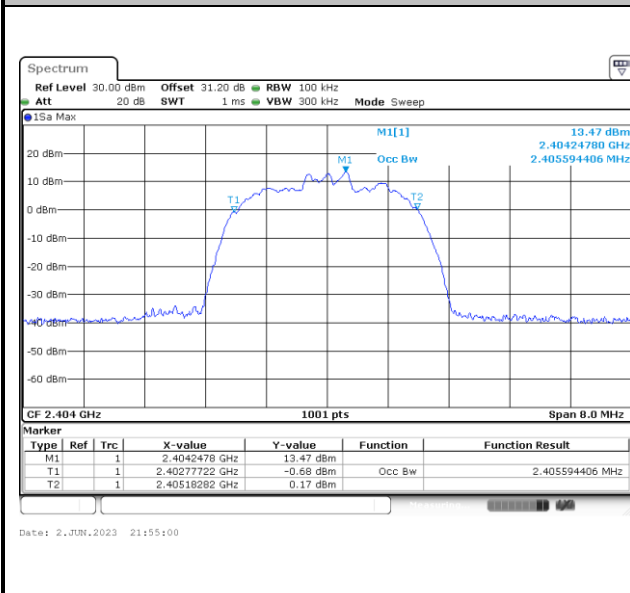
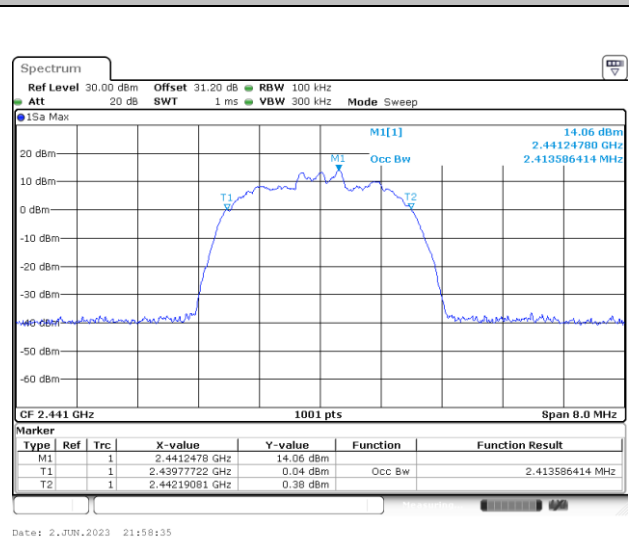
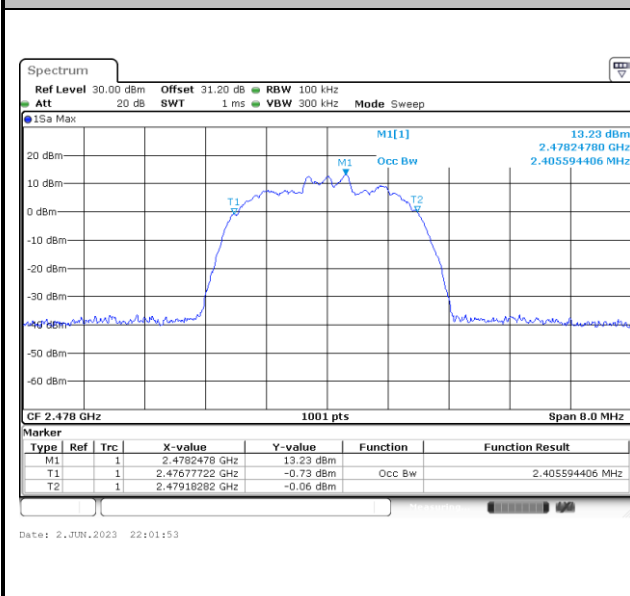


6 dB Bandwidth Plot on Channel 76



**99% Occupied Bandwidth**

<4Mbps>

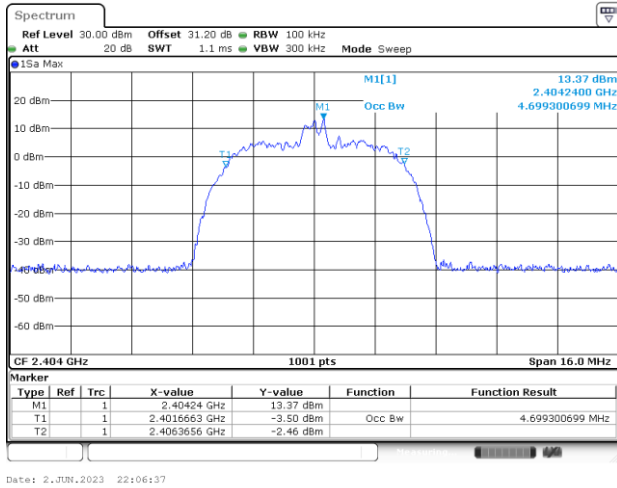
99% Occupied Bandwidth Plot on Channel 02**99% Occupied Plot Bandwidth on Channel 39****99% Occupied Bandwidth Plot on Channel 76**

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

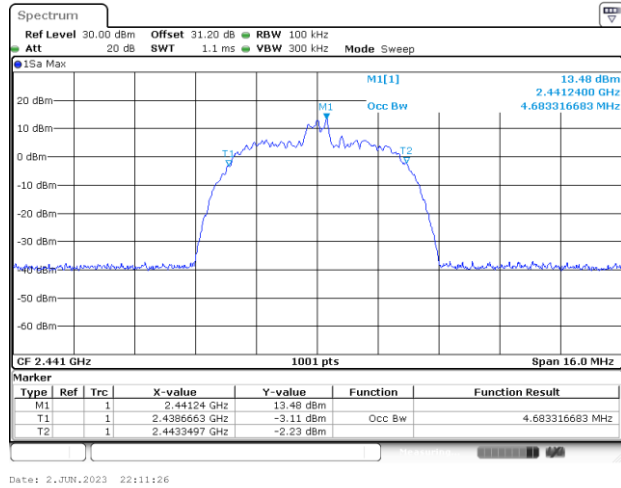


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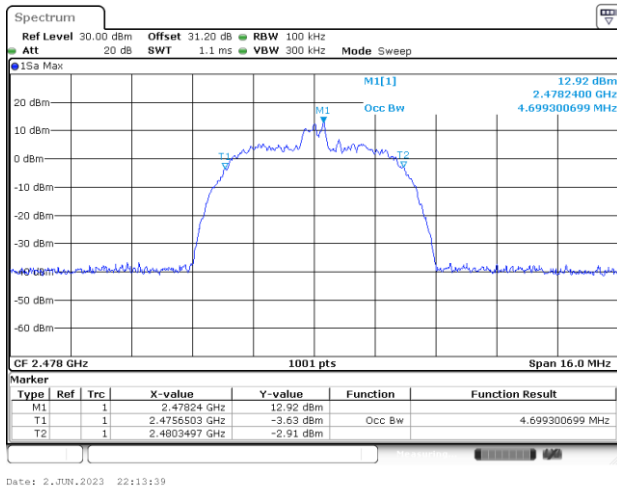
99% Occupied Bandwidth Plot on Channel 02



99% Occupied Plot Bandwidth on Channel 39

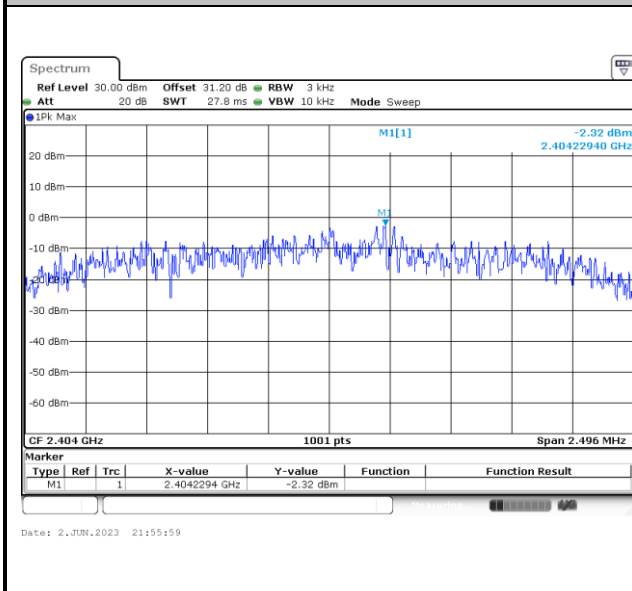
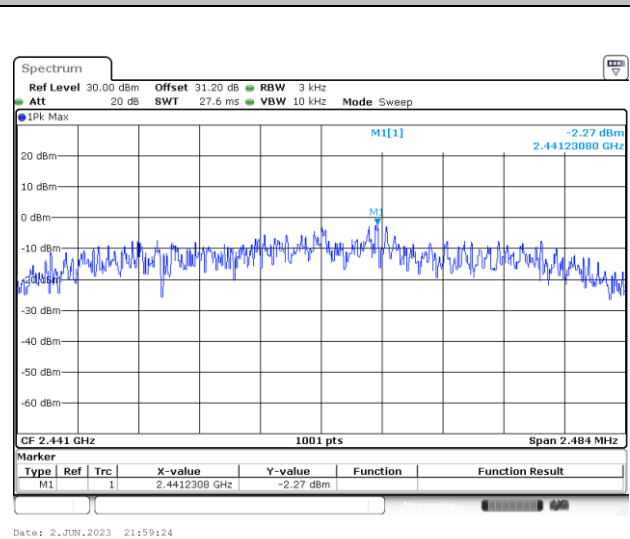
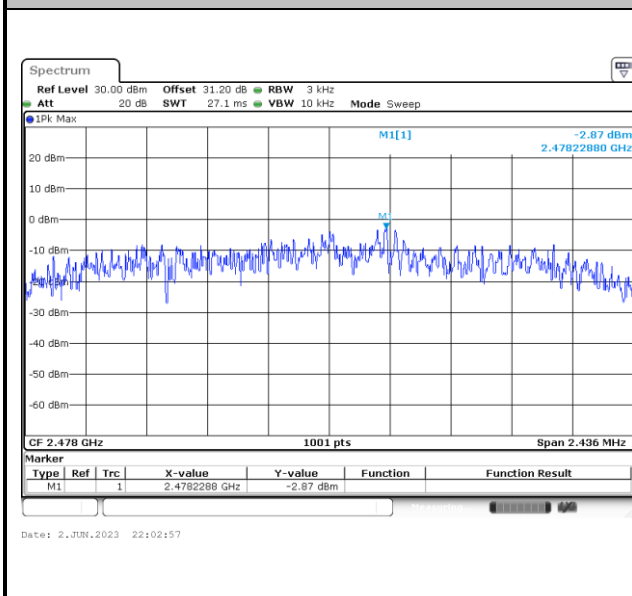


99% Occupied Bandwidth Plot on Channel 76



**Power Spectral Density (dBm/3kHz)**

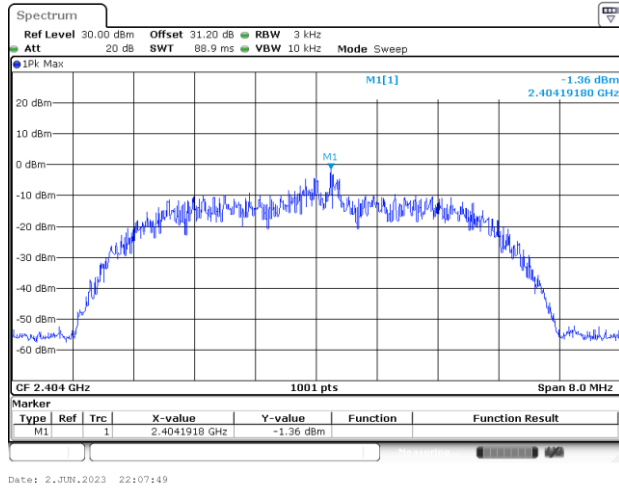
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Power Density (dBm/3kHz) Plot Channel 02**Power Density (dBm/3kHz) Plot Channel 39****Power Density (dBm/3kHz) Plot Channel 76**

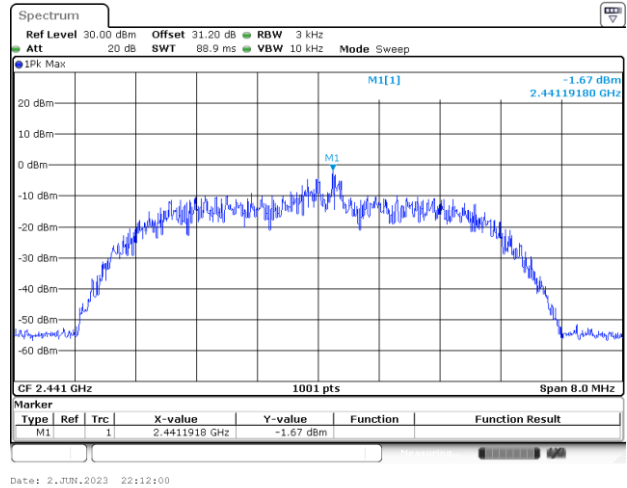


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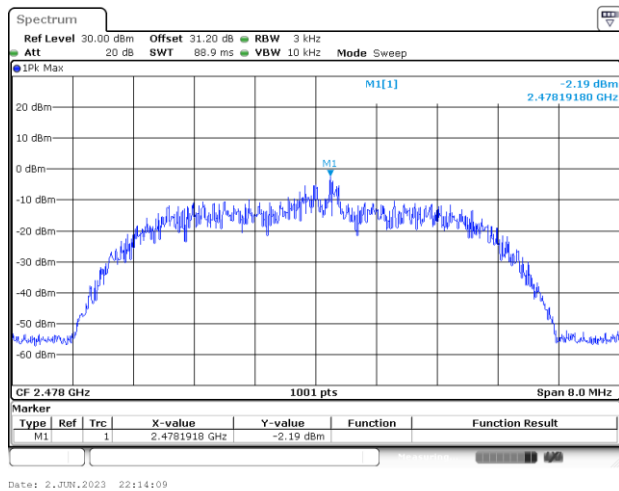
Power Density (dBm/3kHz) Plot Channel 02



Power Density (dBm/3kHz) Plot Channel 39



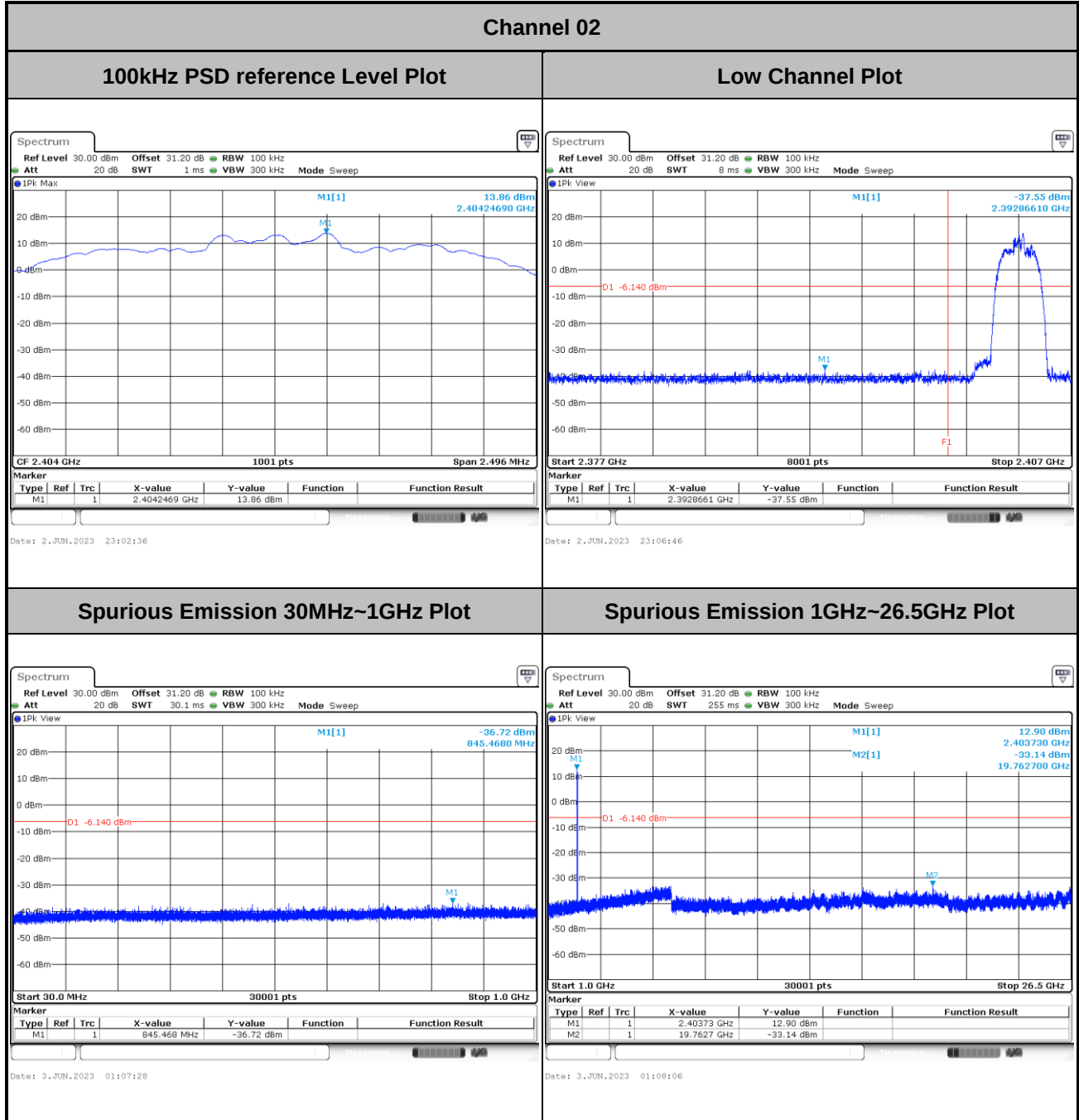
Power Density (dBm/3kHz) Plot Channel 76





Band Edge and Spurious Emission

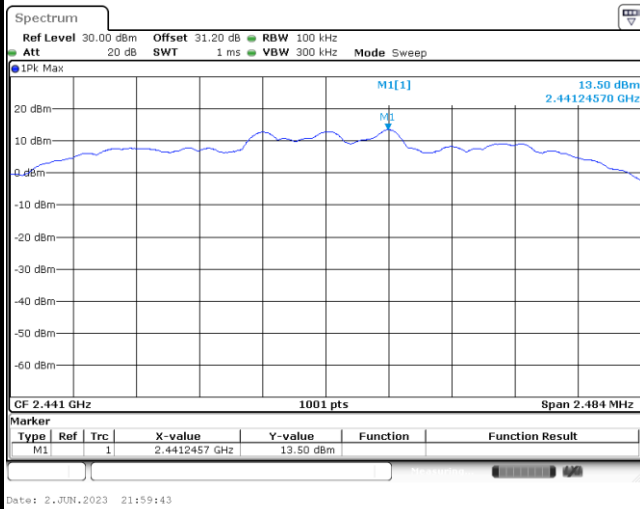
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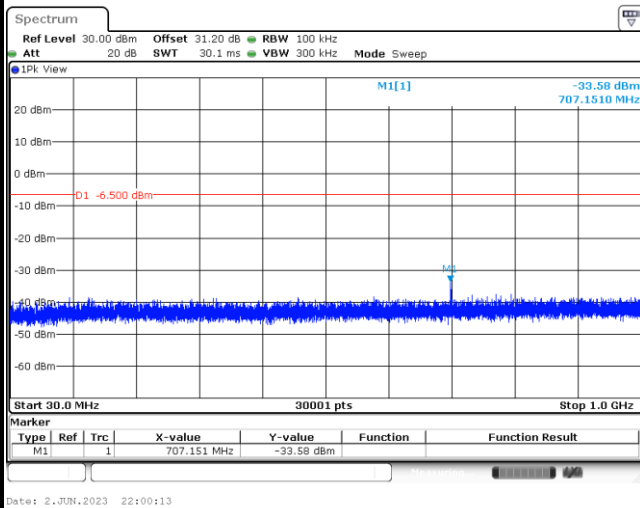
Channel 39

100kHz PSD reference Level Plot

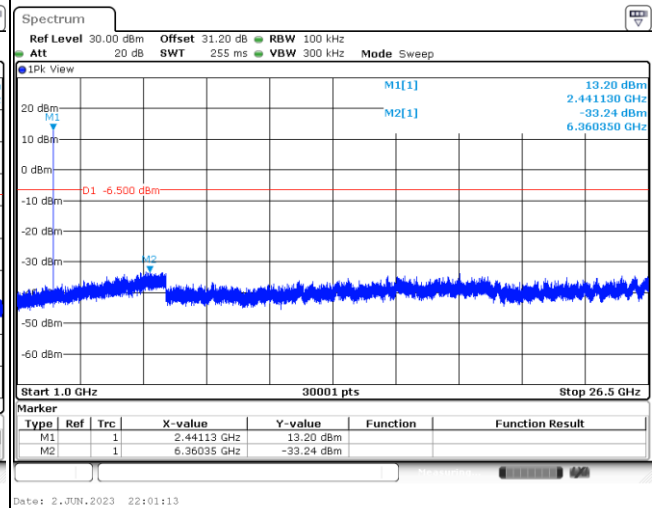


Middle Channel Plot

Spurious Emission 30MHz~1GHz Plot



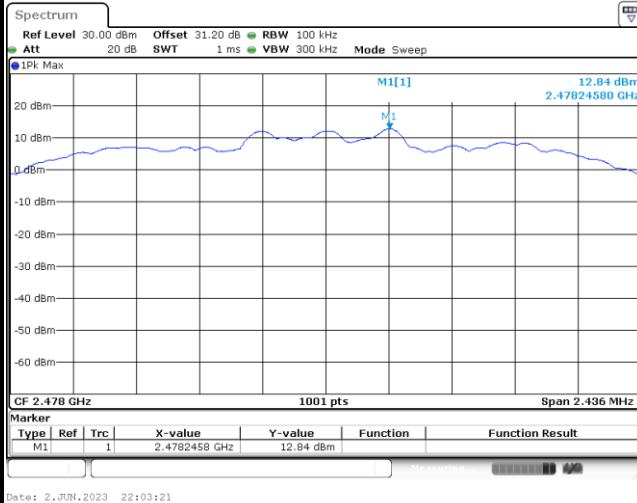
Spurious Emission 1GHz~26.5GHz Plot



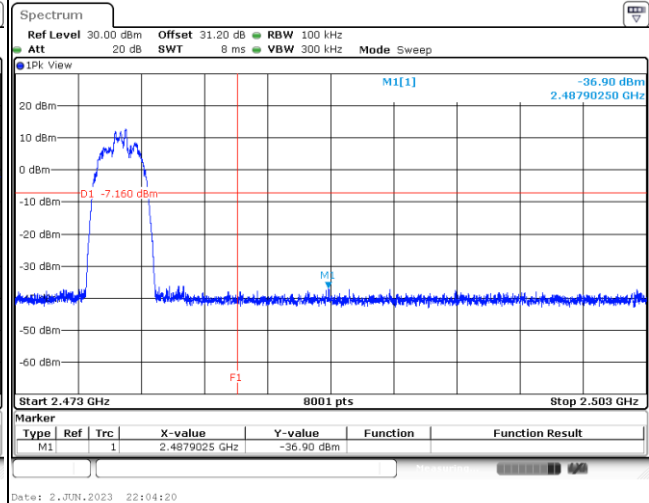


Channel 76

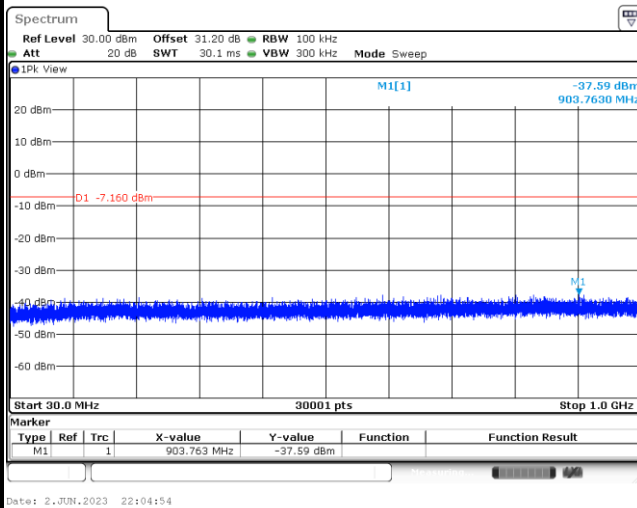
100kHz PSD reference Level Plot



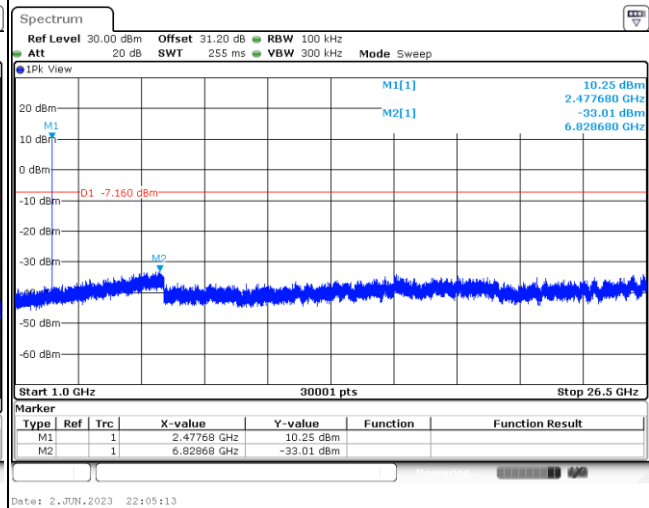
High Channel Plot



Spurious Emission 30MHz~1GHz Plot

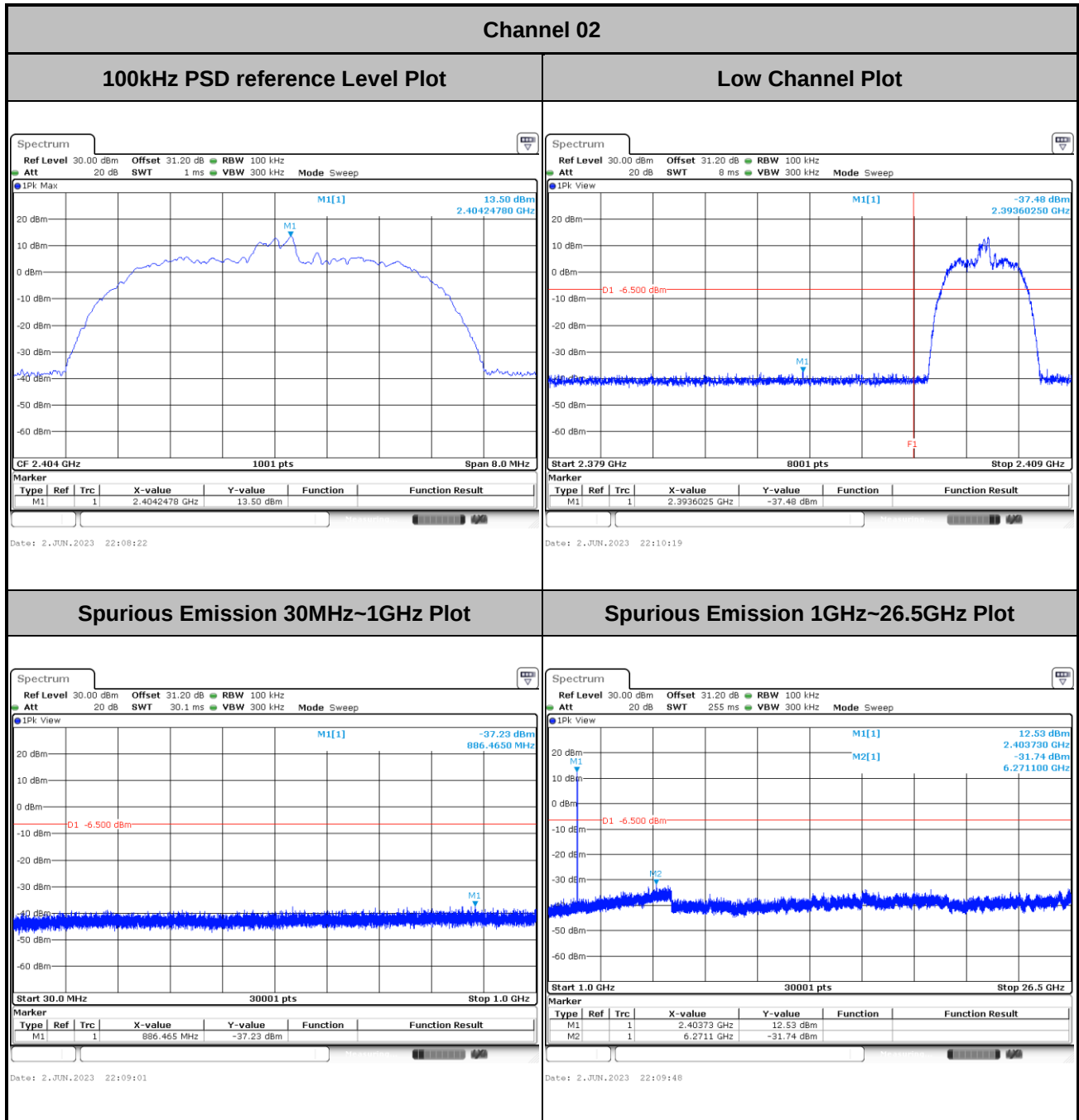


Spurious Emission 1GHz~26.5GHz Plot





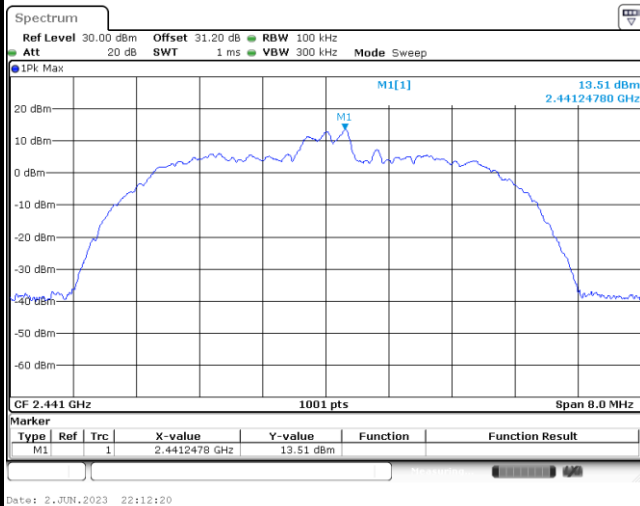
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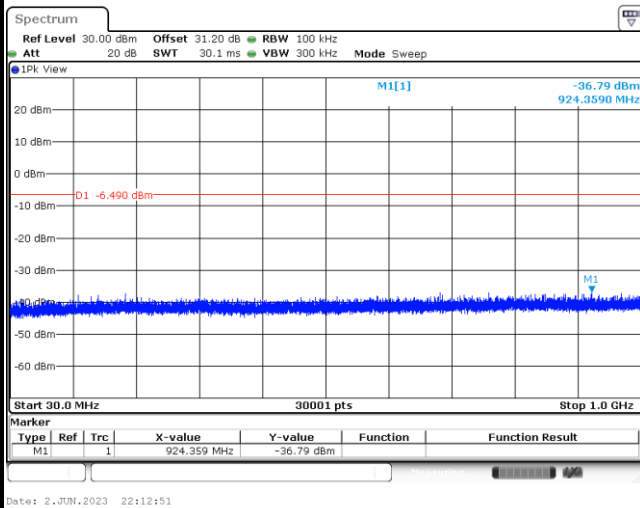
Channel 39

100kHz PSD reference Level Plot

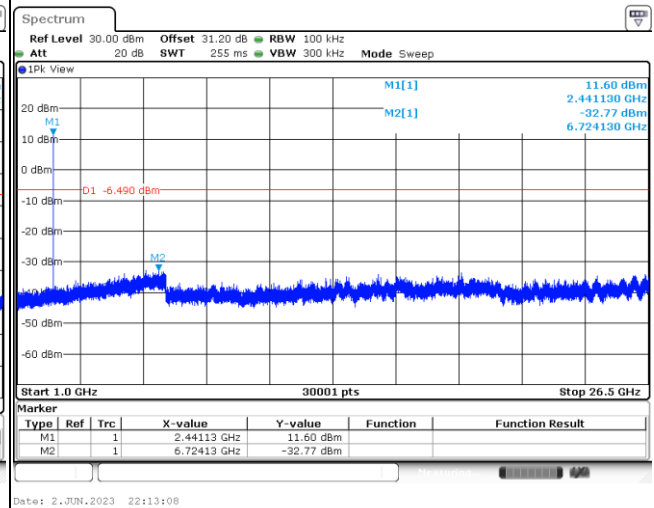


Middle Channel Plot

Spurious Emission 30MHz~1GHz Plot



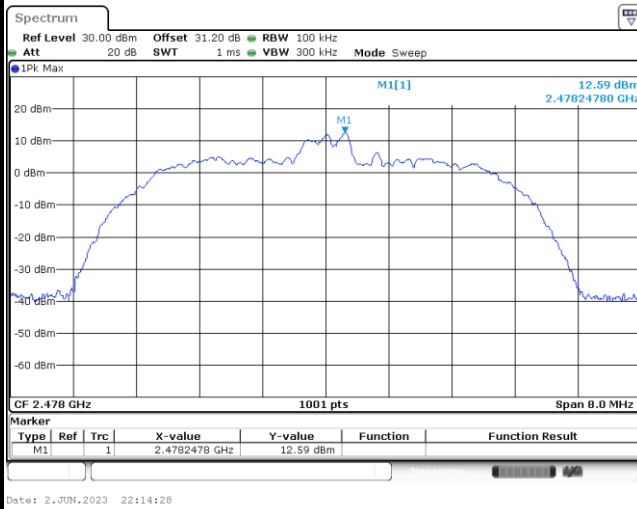
Spurious Emission 1GHz~26.5GHz Plot



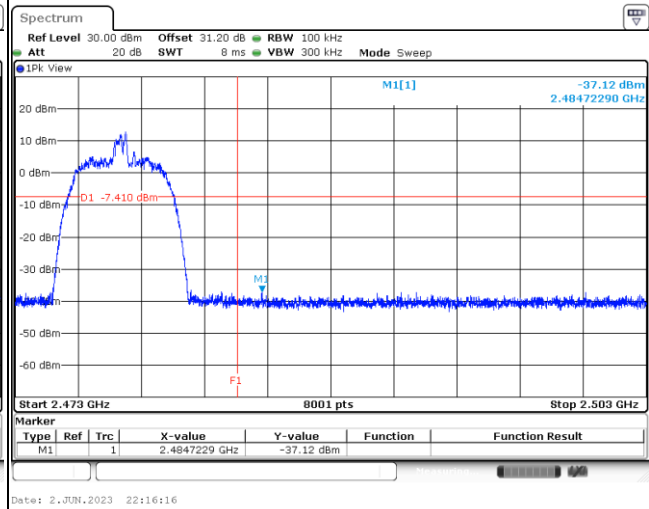


Channel 76

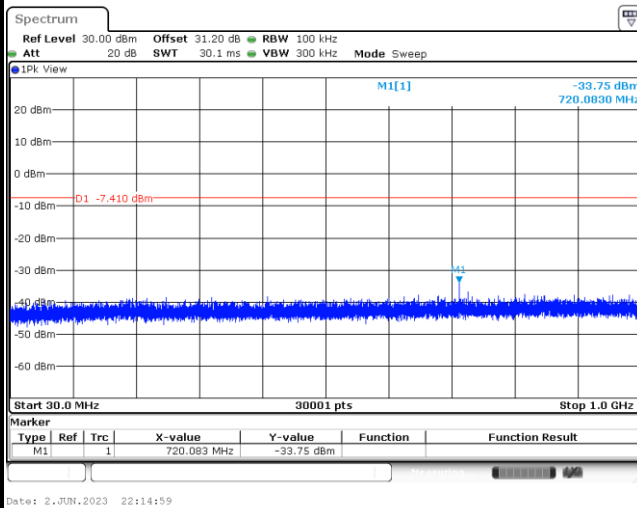
100kHz PSD reference Level Plot



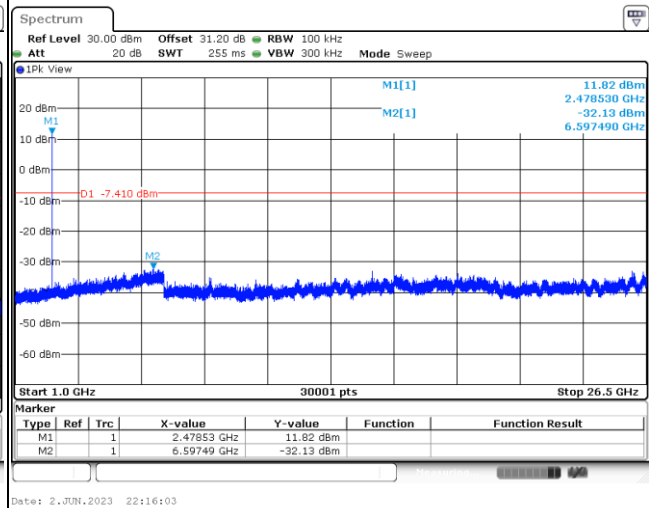
High Channel Plot



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot





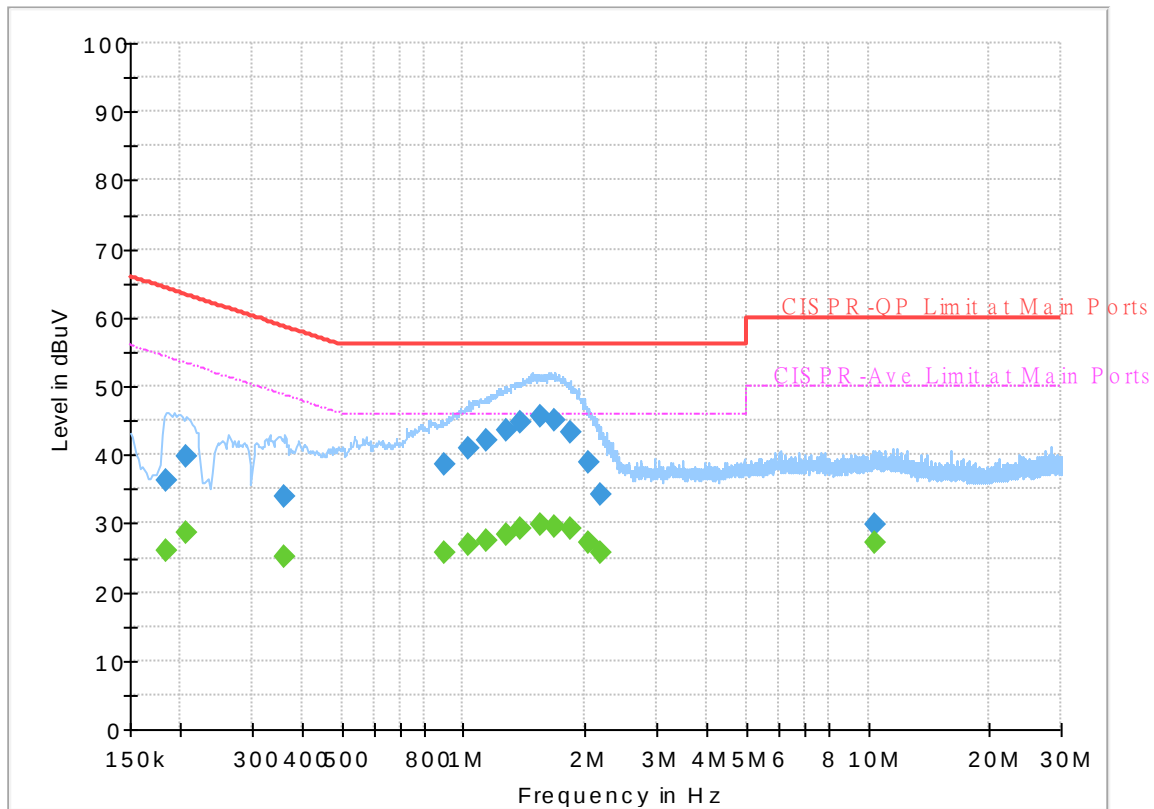
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Calvin Wang	Temperature :	23~26°C
		Relative Humidity :	45~55%

EUT Information

Report NO : 2D0206-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



Final_Result

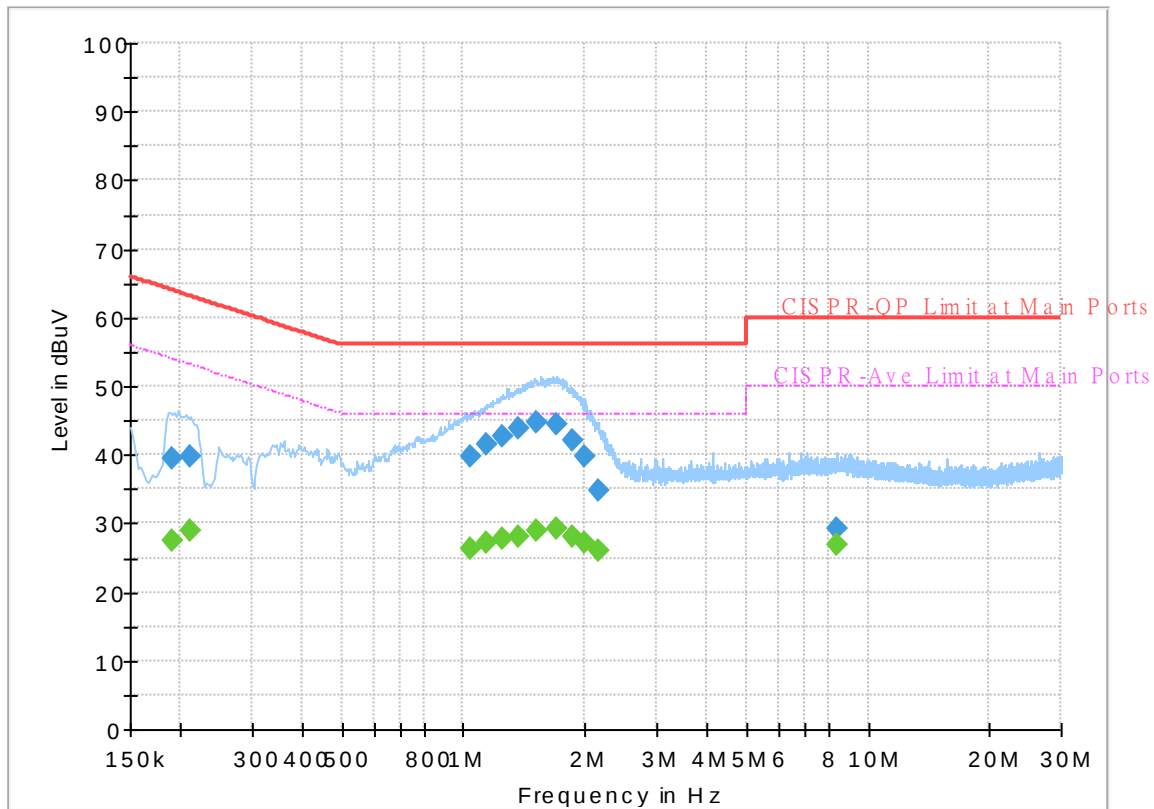
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	25.98	54.31	28.33	L1	OFF	19.9
0.183750	36.40	---	64.31	27.91	L1	OFF	19.9
0.206250	---	28.66	53.36	24.70	L1	OFF	19.9
0.206250	39.71	---	63.36	23.65	L1	OFF	19.9
0.361500	---	25.26	48.69	23.43	L1	OFF	19.9
0.361500	33.92	---	58.69	24.77	L1	OFF	19.9
0.897000	---	25.81	46.00	20.19	L1	OFF	19.9
0.897000	38.51	---	56.00	17.49	L1	OFF	19.9
1.034250	---	27.01	46.00	18.99	L1	OFF	19.9
1.034250	40.91	---	56.00	15.09	L1	OFF	19.9
1.144500	---	27.59	46.00	18.41	L1	OFF	19.9
1.144500	42.04	---	56.00	13.96	L1	OFF	19.9
1.279500	---	28.44	46.00	17.56	L1	OFF	19.9
1.279500	43.68	---	56.00	12.32	L1	OFF	19.9
1.378500	---	29.29	46.00	16.71	L1	OFF	19.9
1.378500	44.60	---	56.00	11.40	L1	OFF	19.9
1.554000	---	29.94	46.00	16.06	L1	OFF	19.9
1.554000	45.48	---	56.00	10.52	L1	OFF	19.9
1.689000	---	29.56	46.00	16.44	L1	OFF	19.9
1.689000	44.92	---	56.00	11.08	L1	OFF	19.9
1.830750	---	29.16	46.00	16.84	L1	OFF	19.9

1.830750	43.42	---	56.00	12.58	L1	OFF	19.9
2.037750	---	27.32	46.00	18.68	L1	OFF	19.9
2.037750	38.76	---	56.00	17.24	L1	OFF	19.9
2.179500	---	25.85	46.00	20.15	L1	OFF	19.9
2.179500	34.10	---	56.00	21.90	L1	OFF	19.9
10.340250	---	27.18	50.00	22.82	L1	OFF	20.3
10.340250	29.89	---	60.00	30.11	L1	OFF	20.3

EUT Information

Report NO : 2D0206-01
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.190500	---	27.38	54.02	26.64	N	OFF	19.9
0.190500	39.57	---	64.02	24.45	N	OFF	19.9
0.210750	---	28.98	53.18	24.20	N	OFF	19.9
0.210750	39.79	---	63.18	23.39	N	OFF	19.9
1.038750	---	26.24	46.00	19.76	N	OFF	19.9
1.038750	39.90	---	56.00	16.10	N	OFF	19.9
1.135500	---	27.08	46.00	18.92	N	OFF	19.9
1.135500	41.38	---	56.00	14.62	N	OFF	19.9
1.248000	---	27.84	46.00	18.16	N	OFF	19.9
1.248000	42.82	---	56.00	13.18	N	OFF	19.9
1.369500	---	28.20	46.00	17.80	N	OFF	19.9
1.369500	43.75	---	56.00	12.25	N	OFF	19.9
1.513500	---	28.92	46.00	17.08	N	OFF	19.9
1.513500	44.60	---	56.00	11.40	N	OFF	19.9
1.704750	---	29.20	46.00	16.80	N	OFF	19.9
1.704750	44.34	---	56.00	11.66	N	OFF	19.9
1.860000	---	28.08	46.00	17.92	N	OFF	19.9
1.860000	41.98	---	56.00	14.02	N	OFF	19.9
1.997250	---	27.26	46.00	18.74	N	OFF	19.9
1.997250	39.67	---	56.00	16.33	N	OFF	19.9
2.150250	---	25.91	46.00	20.09	N	OFF	19.9

2.150250	34.71	---	56.00	21.29	N	OFF	19.9
8.333250	---	26.84	50.00	23.16	N	OFF	20.2
8.333250	29.12	---	60.00	30.88	N	OFF	20.2



Appendix C. Radiated Spurious Emission

Test Engineer :	Michael Liu, Bank Lin and Wen-Kai Lu	Temperature :	20.1~23.1°C
		Relative Humidity :	55~65%



MIMO <Ant. 3+4>

<1Mbps>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

BLE	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2377.2	51.24	-22.76	74	37.84	26.9	18.96	32.46	119	182	P	H
		2388.435	41.38	-12.62	54	27.96	26.9	18.98	32.46	119	182	A	H
	*	2402	110.45	-	-	97.02	26.9	19	32.47	119	182	P	H
	*	2402	110	-	-	96.57	26.9	19	32.47	119	182	A	H
													H
													H
		2323.02	51.24	-22.76	74	37.91	26.9	18.85	32.42	105	87	P	V
		2370.9	41.63	-12.37	54	28.24	26.9	18.94	32.45	105	87	A	V
	*	2402	113.18	-	-	99.75	26.9	19	32.47	105	87	P	V
	*	2402	112.21	-	-	98.78	26.9	19	32.47	105	87	A	V
													V
													V
BLE CH 19 2440MHz		2337.36	51.86	-22.14	74	38.51	26.9	18.88	32.43	139	182	P	H
		2370.64	41.29	-12.71	54	27.9	26.9	18.94	32.45	139	182	A	H
	*	2440	111.42	-	-	97.86	26.98	19.08	32.5	139	182	P	H
	*	2440	110.93	-	-	97.37	26.98	19.08	32.5	139	182	A	H
		2498.16	51.63	-22.37	74	38.08	26.9	19.19	32.54	139	182	P	H
		2499.6	41.66	-12.34	54	28.11	26.9	19.19	32.54	139	182	A	H
		2381.04	51.9	-22.1	74	38.5	26.9	18.96	32.46	100	85	P	V
		2389.68	41.49	-12.51	54	28.07	26.9	18.98	32.46	100	85	A	V
	*	2440	115.97	-	-	102.41	26.98	19.08	32.5	100	85	P	V
	*	2440	115.52	-	-	101.96	26.98	19.08	32.5	100	85	A	V
		2495.6	51.1	-22.9	74	37.54	26.91	19.19	32.54	100	85	P	V
		2488.4	41.86	-12.14	54	28.3	26.92	19.17	32.53	100	85	A	V



BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz	*	2480	115.56	-	-	101.99	26.94	19.16	32.53	231	146	P	H
	*	2480	115.09	-	-	101.52	26.94	19.16	32.53	231	146	A	H
		2483.92	53.78	-20.22	74	40.22	26.93	19.16	32.53	231	146	P	H
		2483.52	43.69	-10.31	54	30.13	26.93	19.16	32.53	231	146	A	H
													H
													H
	*	2480	115.13	-	-	101.56	26.94	19.16	32.53	100	62	P	V
	*	2480	114.53	-	-	100.96	26.94	19.16	32.53	100	62	A	V
		2483.76	52.39	-21.61	74	38.83	26.93	19.16	32.53	100	62	P	V
		2483.6	43.49	-10.51	54	29.93	26.93	19.16	32.53	100	62	A	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

BLE (Harmonic @ 3m)

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	46.72	-27.28	74	33.38	32.42	14.51	33.59	-	-	P	H
													H
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													H
													H
													H
													H
		4804	47.36	-26.64	74	34.02	32.42	14.51	33.59	-	-	P	V
													V
													V
													V
													V
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BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 19 2440MHz		4880	47.4	-26.6	74	33.91	32.6	14.46	33.57	-	-	P	H
		7320	52.53	-21.47	74	33.96	37.94	16.58	35.95	-	-	P	H
		7320	41.76	-12.24	54	23.19	37.94	16.58	35.95	-	-	A	H
													H
													H
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													H
		4880	46.84	-27.16	74	33.35	32.6	14.46	33.57	-	-	P	V
		7320	51.88	-22.12	74	33.31	37.94	16.58	35.95	-	-	P	V
		7320	41.83	-12.17	54	23.26	37.94	16.58	35.95	-	-	A	V
													V
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BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz		4960	46.33	-27.67	74	32.79	32.7	14.4	33.56	-	-	P	H
		7440	51.3	-22.7	74	32.64	37.82	16.88	36.04	-	-	P	H
		7440	41.22	-12.78	54	22.56	37.82	16.88	36.04	-	-	A	H
													H
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													H
		4960	46.57	-27.43	74	33.03	32.7	14.4	33.56	-	-	P	V
		7440	51.71	-22.29	74	33.05	37.82	16.88	36.04	-	-	P	V
		7440	41.23	-12.77	54	22.57	37.82	16.88	36.04	-	-	A	V
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<2Mbps>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

BLE	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BLE CH 00 2402MHz		2388.54	50.86	-23.14	74	37.44	26.9	18.98	32.46	182	140	P	H
		2384.445	40.76	-13.24	54	27.35	26.9	18.97	32.46	182	140	A	H
	*	2402	113.86	-	-	100.43	26.9	19	32.47	182	140	P	H
	*	2402	112.17	-	-	98.74	26.9	19	32.47	182	140	A	H
													H
													H
		2351.475	51.87	-22.13	74	38.5	26.9	18.91	32.44	109	87	P	V
		2389.59	40.86	-13.14	54	27.44	26.9	18.98	32.46	109	87	A	V
	*	2402	113.27	-	-	99.84	26.9	19	32.47	109	87	P	V
	*	2402	111.25	-	-	97.82	26.9	19	32.47	109	87	A	V
													V
													V
BLE CH 19 2440MHz		2334.64	51.38	-22.62	74	38.03	26.9	18.88	32.43	117	138	P	H
		2375.12	40.69	-13.31	54	27.3	26.9	18.95	32.46	117	138	A	H
	*	2440	114.4	-	-	100.84	26.98	19.08	32.5	117	138	P	H
	*	2440	112.47	-	-	98.91	26.98	19.08	32.5	117	138	A	H
		2490.64	50.69	-23.31	74	37.12	26.92	19.18	32.53	117	138	P	H
		2483.92	40.87	-13.13	54	27.31	26.93	19.16	32.53	117	138	A	H
		2379.76	51	-23	74	37.6	26.9	18.96	32.46	100	84	P	V
		2374.96	40.75	-13.25	54	27.35	26.9	18.95	32.45	100	84	A	V
	*	2440	114.91	-	-	101.35	26.98	19.08	32.5	100	84	P	V
	*	2440	113.23	-	-	99.67	26.98	19.08	32.5	100	84	A	V
		2495.04	50.68	-23.32	74	37.12	26.91	19.19	32.54	100	84	P	V
		2494.32	40.98	-13.02	54	27.43	26.91	19.18	32.54	100	84	A	V



BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 39 2480MHz	*	2480	114.01	-	-	100.44	26.94	19.16	32.53	143	142	P	H
	*	2480	112.36	-	-	98.79	26.94	19.16	32.53	143	142	A	H
		2483.56	55.62	-18.38	74	42.06	26.93	19.16	32.53	143	142	P	H
		2483.52	49.99	-4.01	54	36.43	26.93	19.16	32.53	143	142	A	H
													H
													H
	*	2480	113.69	-	-	100.12	26.94	19.16	32.53	100	86	P	V
	*	2480	112	-	-	98.43	26.94	19.16	32.53	100	86	A	V
		2483.6	56.3	-17.7	74	42.74	26.93	19.16	32.53	100	86	P	V
		2483.52	50.01	-3.99	54	36.45	26.93	19.16	32.53	100	86	A	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

BLE (Harmonic @ 3m)

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 00 2402MHz		4804	46.85	-27.15	74	33.51	32.42	14.51	33.59	-	-	P	H
													H
													H
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		4804	47.21	-26.79	74	33.87	32.42	14.51	33.59	-	-	P	V
													V
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BLE	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH 19 2440MHz		4880	46.64	-27.36	74	33.15	32.6	14.46	33.57	-	-	P	H
		7320	50.61	-23.39	74	32.04	37.94	16.58	35.95	-	-	P	H
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		4880	47.44	-26.56	74	33.95	32.6	14.46	33.57	-	-	P	V
		7320	50.75	-23.25	74	32.18	37.94	16.58	35.95	-	-	P	V
													V
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[illegible]

Emission above 18GHz

2.4GHz BLE (SHF)

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BLE SHF		38812	50.4	-23.6	74	41.15	43.87	28.57	63.19	-	-	P	H
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		38812	50.84	-23.16	74	41.59	43.87	28.57	63.19	-	-	P	V
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Emission below 1GHz

2.4GHz BLE (LF)

BLE	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BLE LF		58.13	27.73	-12.27	40	46.91	11.8	1.76	32.74	-	-	P	H
		123.12	29.98	-13.52	43.5	42.77	17.49	2.41	32.69	-	-	P	H
		556.71	28.45	-17.55	46	30.62	26	4.77	32.94	-	-	P	H
		662.44	29.85	-16.15	46	31.39	26.25	5.11	32.9	-	-	P	H
		736.16	36.58	-9.42	46	36.15	27.82	5.38	32.77	-	-	P	H
		946.65	35.81	-10.19	46	30.47	30.8	6.09	31.55	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		46.49	28.77	-11.23	40	43.66	16.26	1.6	32.75	-	-	P	V
		58.13	30.35	-9.65	40	49.53	11.8	1.76	32.74	-	-	P	V
		120.21	27.2	-16.3	43.5	40.04	17.46	2.39	32.69	-	-	P	V
		263.77	20.73	-25.27	46	30.23	19.9	3.35	32.75	-	-	P	V
		544.1	26.59	-19.41	46	30.38	24.43	4.71	32.93	-	-	P	V
		960.23	36.04	-17.96	54	30.01	31.3	6.15	31.42	-	-	P	V
													V
													V
													V
													V
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												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.												



<4Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH02 2404MHz		2370.69	50.72	-23.28	74	37.33	26.9	18.94	32.45	187	139	P	H
		2389.905	40.52	-13.48	54	27.11	26.9	18.98	32.47	187	139	A	H
	*	2404	110.58	-	-	97.13	26.91	19.01	32.47	187	139	P	H
	*	2404	107.25	-	-	93.8	26.91	19.01	32.47	187	139	A	H
													H
													H
		2326.695	50.85	-23.15	74	37.51	26.9	18.86	32.42	103	87	P	V
		2389.905	40.45	-13.55	54	27.04	26.9	18.98	32.47	103	87	A	V
	*	2404	109.83	-	-	96.38	26.91	19.01	32.47	103	86	P	V
	*	2404	106.4	-	-	92.95	26.91	19.01	32.47	103	86	A	V
													V
													V
BT CH 39 2441MHz		2388.88	50.9	-23.1	74	37.48	26.9	18.98	32.46	178	139	P	H
		2389.52	40.31	-13.69	54	26.89	26.9	18.98	32.46	178	139	A	H
	*	2441	111.15	-	-	97.59	26.98	19.08	32.5	178	139	P	H
	*	2441	107.72	-	-	94.16	26.98	19.08	32.5	178	139	A	H
		2493.52	50.81	-23.19	74	37.26	26.91	19.18	32.54	178	139	P	H
		2489.68	40.65	-13.35	54	27.09	26.92	19.17	32.53	178	139	A	H
		2344.08	50.32	-23.68	74	36.96	26.9	18.89	32.43	100	85	P	V
		2367.44	40.29	-13.71	54	26.9	26.9	18.94	32.45	100	85	A	V
	*	2441	110.39	-	-	96.83	26.98	19.08	32.5	100	85	P	V
	*	2441	107.11	-	-	93.55	26.98	19.08	32.5	100	85	A	V
		2494.48	50.58	-23.42	74	37.03	26.91	19.18	32.54	100	85	P	V
		2495.76	40.63	-13.37	54	27.07	26.91	19.19	32.54	100	85	A	V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz	*	2478	109.22	-	-	95.66	26.94	19.15	32.53	238	133	P	H
	*	2478	105.82	-	-	92.26	26.94	19.15	32.53	238	133	A	H
		2486.28	52.91	-21.09	74	39.34	26.93	19.17	32.53	238	133	P	H
		2483.72	42.93	-11.07	54	29.37	26.93	19.16	32.53	238	133	A	H
													H
													H
	*	2478	108.91	-	-	95.35	26.94	19.15	32.53	106	86	P	V
	*	2478	105.57	-	-	92.01	26.94	19.15	32.53	106	86	A	V
		2483.72	51.99	-22.01	74	38.43	26.93	19.16	32.53	106	86	P	V
		2483.56	42.88	-11.12	54	29.32	26.93	19.16	32.53	106	86	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

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 02 2404MHz		4808	45.98	-28.02	74	32.63	32.43	14.51	33.59	-	-	P	H
		7212	50.27	-23.73	74	32.16	37.57	16.41	35.87	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4808	46.63	-27.37	74	33.28	32.43	14.51	33.59	-	-	P	V
		7212	50.1	-23.9	74	31.99	37.57	16.41	35.87	-	-	P	V
													V
													V
													V
													V
													V
													V
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													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	46.46	-27.54	74	32.98	32.6	14.45	33.57	-	-	P	H
		7323	49.98	-24.02	74	31.4	37.95	16.58	35.95	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	46.43	-27.57	74	32.95	32.6	14.45	33.57	-	-	P	V
		7323	50.39	-23.61	74	31.81	37.95	16.58	35.95	-	-	P	V
													V
													V
													V
													V
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													V
													V
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													V
													V

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<8Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH02 2404MHz		2315.565	50.71	-23.29	74	37.38	26.9	18.84	32.41	159	135	P	H
		2389.065	40.42	-13.58	54	27	26.9	18.98	32.46	159	135	A	H
	*	2404	110.42	-	-	96.97	26.91	19.01	32.47	159	135	P	H
	*	2404	105.87	-	-	92.42	26.91	19.01	32.47	159	135	A	H
													H
													H
		2365.755	50.97	-23.03	74	37.59	26.9	18.93	32.45	325	63	P	V
		2388.645	40.3	-13.7	54	26.88	26.9	18.98	32.46	325	63	A	V
	*	2404	107.74	-	-	94.29	26.91	19.01	32.47	325	63	P	V
	*	2404	102.36	-	-	88.91	26.91	19.01	32.47	325	63	A	V
													V
													V
BT CH 39 2441MHz		2325.04	50.98	-23.02	74	37.64	26.9	18.86	32.42	112	136	P	H
		2387.28	40.32	-13.68	54	26.9	26.9	18.98	32.46	112	136	A	H
	*	2441	111.18	-	-	97.62	26.98	19.08	32.5	112	136	P	H
	*	2441	105.83	-	-	92.27	26.98	19.08	32.5	112	136	A	H
		2494.88	51.41	-22.59	74	37.85	26.91	19.19	32.54	112	136	P	H
		2484.96	40.59	-13.41	54	27.02	26.93	19.17	32.53	112	136	A	H
		2341.2	50.72	-23.28	74	37.36	26.9	18.89	32.43	352	66	P	V
		2389.84	40.42	-13.58	54	27.01	26.9	18.98	32.47	352	66	A	V
	*	2441	107.85	-	-	94.29	26.98	19.08	32.5	352	66	P	V
	*	2441	103.47	-	-	89.91	26.98	19.08	32.5	352	66	A	V
		2490.32	50.37	-23.63	74	36.8	26.92	19.18	32.53	352	66	P	V
		2489.76	40.59	-13.41	54	27.02	26.92	19.18	32.53	352	66	A	V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 76 2478MHz	*	2478	109.64	-	-	96.08	26.94	19.15	32.53	112	136	P	H
	*	2478	104.71	-	-	91.15	26.94	19.15	32.53	112	136	A	H
		2483.92	62.67	-11.33	74	49.11	26.93	19.16	32.53	112	136	P	H
		2483.52	52.36	-1.64	54	38.8	26.93	19.16	32.53	112	136	A	H
													H
													H
	*	2478	106.99	-	-	93.43	26.94	19.15	32.53	349	63	P	V
	*	2478	101.71	-	-	88.15	26.94	19.15	32.53	349	63	A	V
		2483.96	60.76	-13.24	74	47.2	26.93	19.16	32.53	349	63	P	V
		2483.52	50.08	-3.92	54	36.52	26.93	19.16	32.53	349	63	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

BT (Harmonic @ 3m)

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 02 2404MHz		4808	46.16	-27.84	74	32.81	32.43	14.51	33.59	-	-	P	H
		7212	50.28	-23.72	74	32.17	37.57	16.41	35.87	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4808	46.49	-27.51	74	33.14	32.43	14.51	33.59	-	-	P	V
		7212	50.23	-23.77	74	32.12	37.57	16.41	35.87	-	-	P	V
													V
													V
													V
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													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	46.95	-27.05	74	33.47	32.6	14.45	33.57	-	-	P	H
		7323	50.48	-23.52	74	31.9	37.95	16.58	35.95	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	46.63	-27.37	74	33.15	32.6	14.45	33.57	-	-	P	V
		7323	50.35	-23.65	74	31.77	37.95	16.58	35.95	-	-	P	V
													V
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													V
													V

[illegible]

Emission above 18GHz

2.4GHz BT (SHF)

[illegible]

Emission below 1GHz

2.4GHz BT (LF)

[illegible]



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is over limit line.
P/A	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
BT CH 00 2402MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Michael Liu, Bank Lin and Wen-Kai Lu	Temperature :	20.1~23.1°C
		Relative Humidity :	55~65%

Note symbol

-L	Low channel location
-R	High channel location

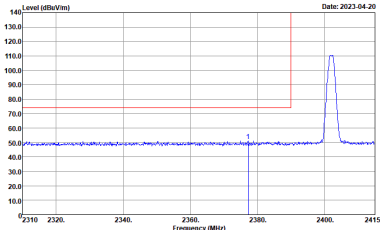
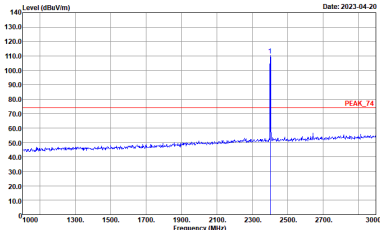
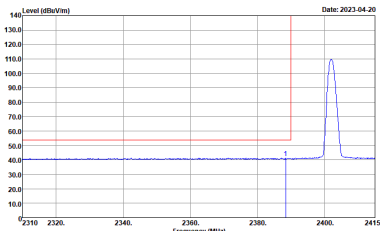
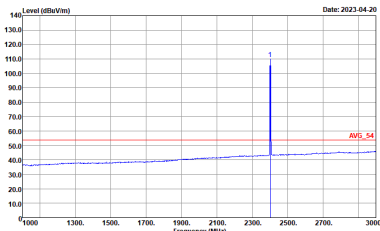


MIMO <Ant. 3+4>

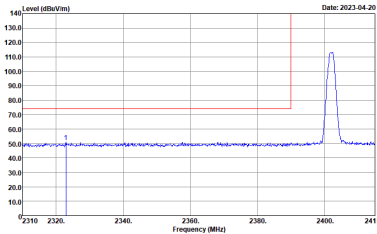
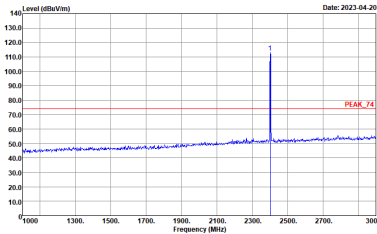
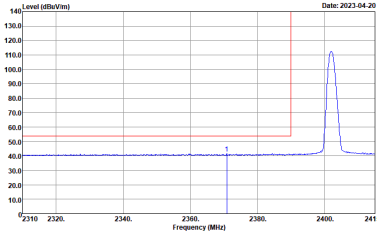
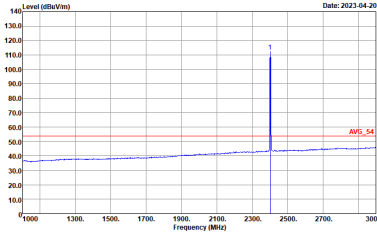
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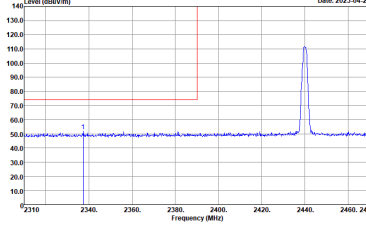
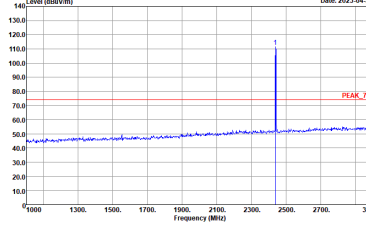
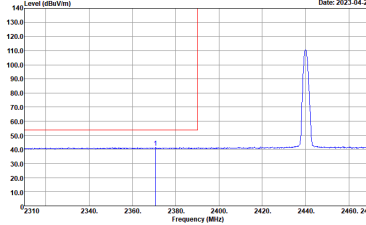
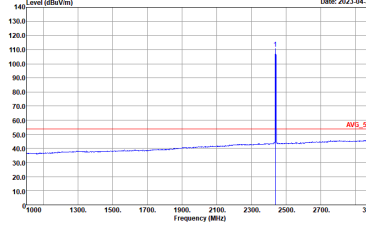
2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

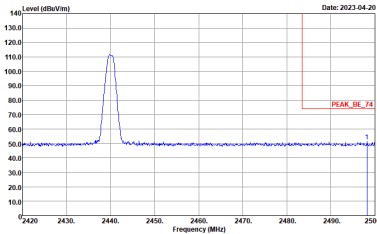
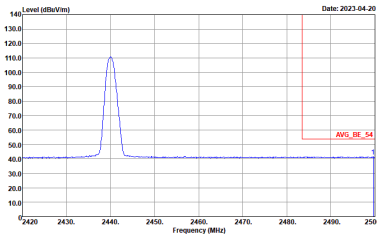
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	BLE CH00 2402MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:2700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:2700KHz SWT:Auto



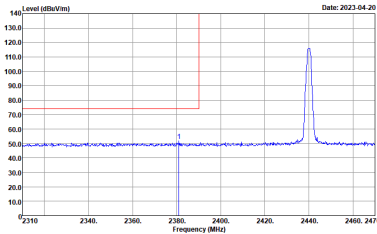
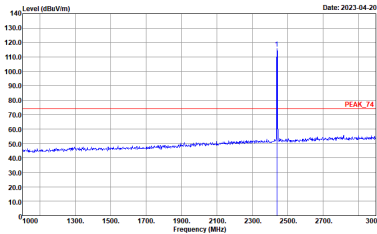
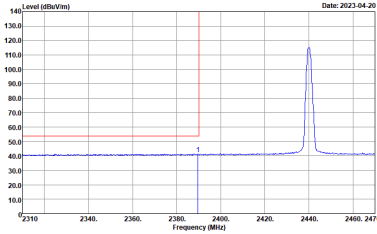
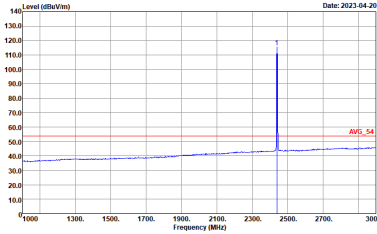
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto

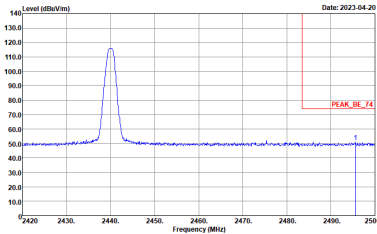
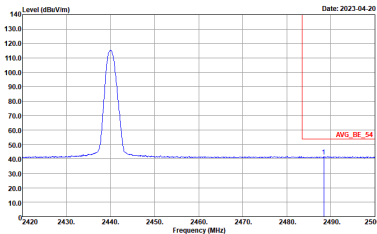


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	Left blank

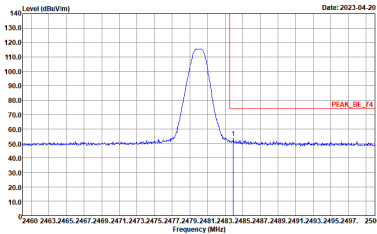
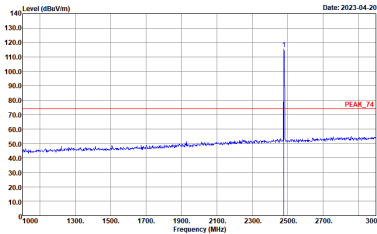
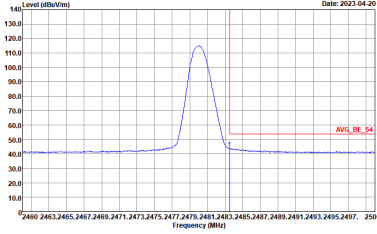
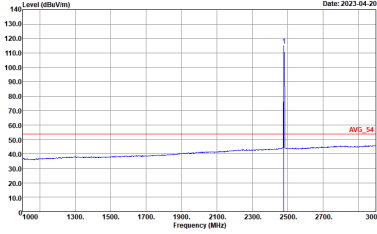


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto

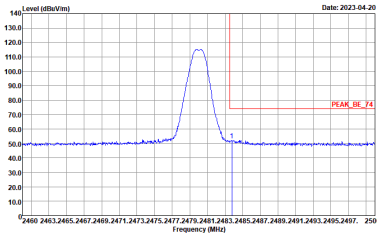
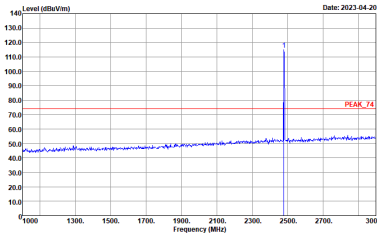
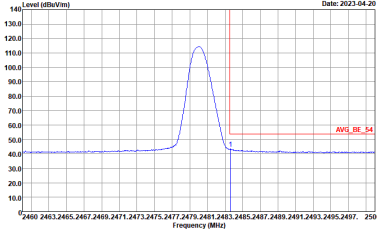
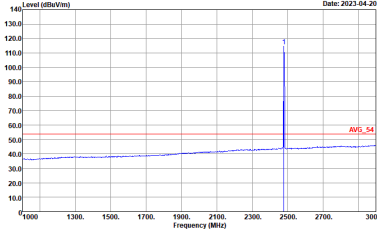


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto

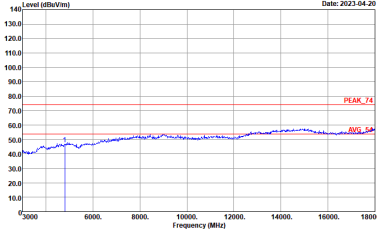
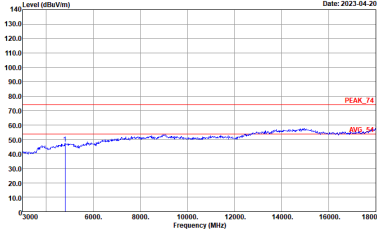


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:2700KHz SWT:Auto



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH22-1HY Condition : PEAK_74 3m LE2CD4A18EN_220706 HORIZONTAL	 Site : 03CH22-1HY Condition : PEAK_74 3m LE2CD4A18EN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
10.6G ~18G Avg.	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-IHY Condition : PEAK_74 3m LE2CD4A18EN_220706 HORIZONTAL :	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-IHY Condition : PEAK_74 3m LE2CD4A18EN_220706 VERTICAL :



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
10.6G ~18G Avg.	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
Peak	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : PEAK_74 3m LE2CD4A18EN_220706 HORIZONTAL :	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : PEAK_74 3m LE2CD4A18EN_220706 VERTICAL :



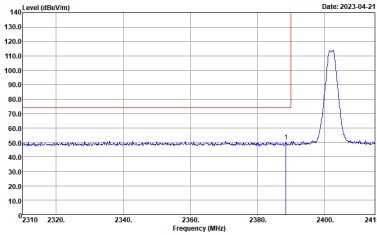
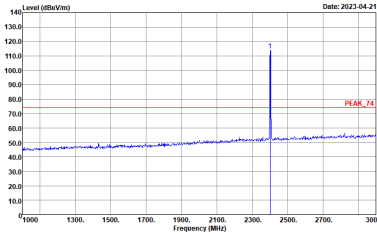
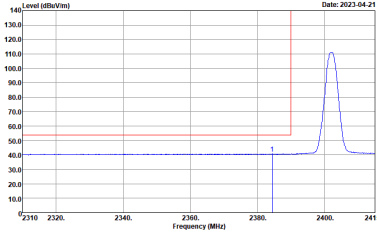
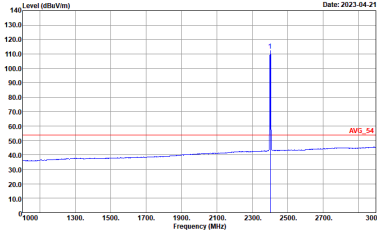
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
10.6G ~18G Avg.	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-20 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 VERTICAL



<2Mbps>

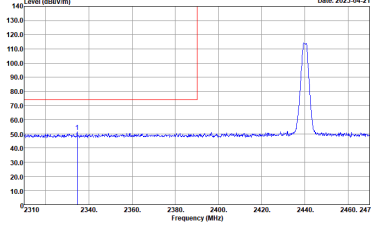
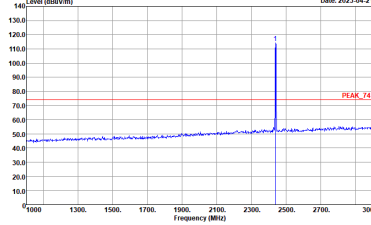
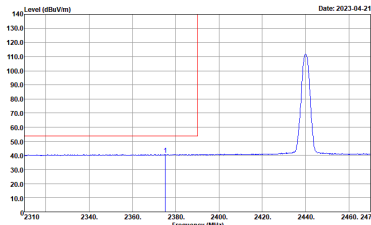
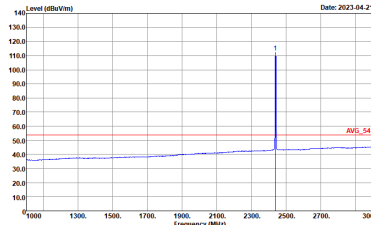
2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

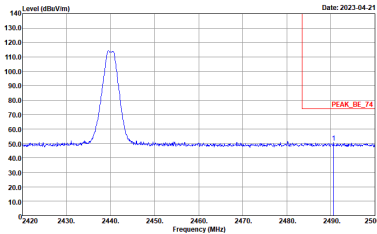
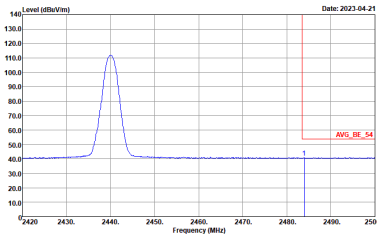
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

BLE		2.4GHz 2400~2483.5MHz Band Edge @ 3m	
		BLE CH19 2440MHz - L	
	Horizontal	Fundamental	
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	

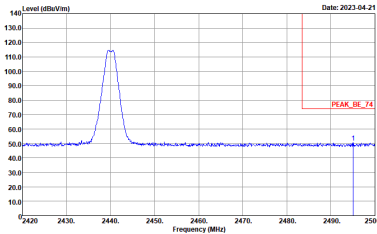
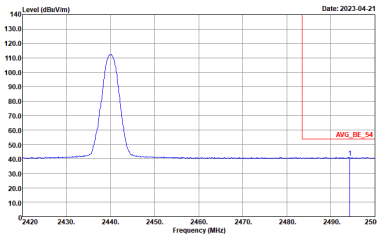


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

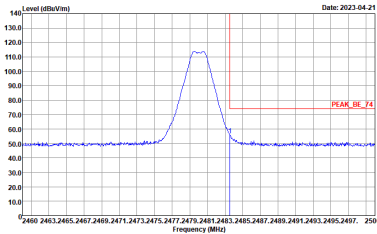
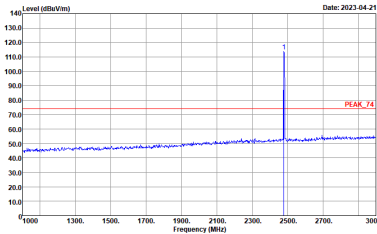
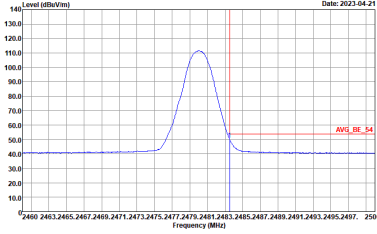
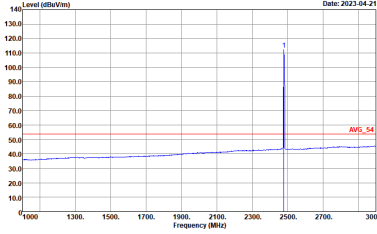


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Vertical	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH39 2480MHz	
	Vertical	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-1HY Condition : PEAK_74 3m LE2CD4A18EN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-1HY Condition : PEAK_74 3m LE2CD4A18EN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH00 2402MHz	
	Horizontal	Vertical
10.6G ~18G Avg.	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-IHY Condition : PEAK_74 3m LE2CD4A18EN_220706 HORIZONTAL :	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-IHY Condition : PEAK_74 3m LE2CD4A18EN_220706 VERTICAL :



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH19 2440MHz	
	Horizontal	Vertical
10.6G ~18G Avg.	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
Peak	Level (dBuV/m) Date: 2023-04-21 PEAK_74 Avg_54 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A1BEN_220706 HORIZONTAL	Level (dBuV/m) Date: 2023-04-21 PEAK_74 Avg_54 Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A1BEN_220706 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH39 2480MHz	
	Horizontal	Vertical
10.6G ~18G Avg.	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 HORIZONTAL :	Level (dBuV/m) Date: 2023-04-21 Site : 03CH22-HY Condition : AVG_54 3m LE2C04A18EN_220706 VERTICAL :



Emission above 18GHz

2.4GHz BLE (SHF @ 1m)

BLE	2.4GHz 2400~2483.5MHz	
	BLE SHF	
	Horizontal	Vertical
Peak Avg.	Date: 1 Level (dBuV/m) Date: 2023-04-29 Site : 03CH22-14Y Condition : PEAK_74 1m SHF_1223_220705 HORIZONTAL :	Date: 2 Level (dBuV/m) Date: 2023-04-29 Site : 03CH22-14Y Condition : PEAK_74 1m SHF_1223_220705 VERTICAL :



Emission below 1GHz

2.4GHz BLE (LF)

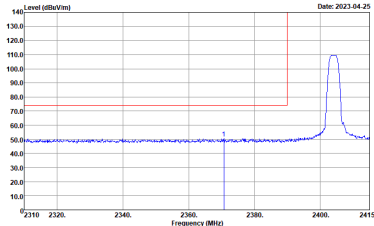
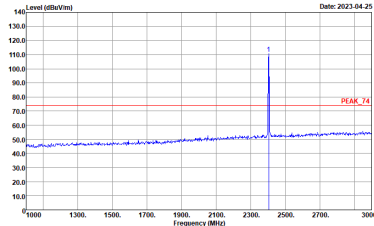
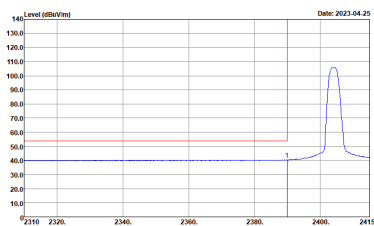
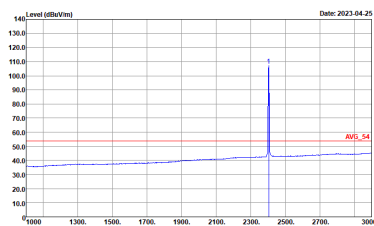
BLE	2.4GHz 2400~2483.5MHz	
	BLE LF	
	Horizontal	Vertical
QP / Peak	Level (dBuV/m) Date: 2023-04-29 Site : 03CH22-HY Condition : QP 3m BILOG_63304_ZZ1004 HORIZONTAL	Level (dBuV/m) Date: 2023-04-29 Site : 03CH22-HY Condition : QP 3m BILOG_63304_ZZ1004 VERTICAL



<4Mbps>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH02 2404MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LE2004A18EN_220706 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH22-HY Condition : PEAK_74 3m LE2004A18EN_220706 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LE2004A18EN_220706 HORIZONTAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto	 Site : 03CH22-HY Condition : AVG_54 3m LE2004A18EN_220706 HORIZONTAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto

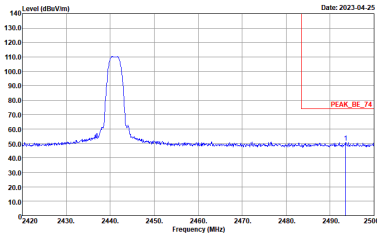
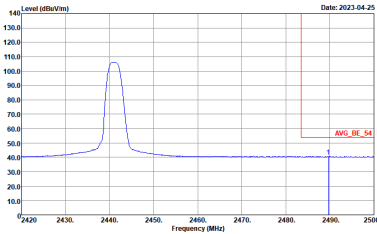


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH02 2404MHz	
	Vertical	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH39 2441MHz	
	Horizontal	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto

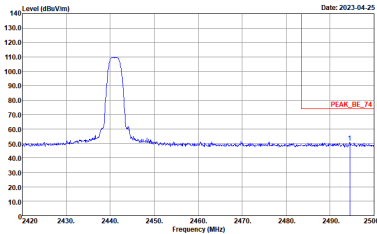
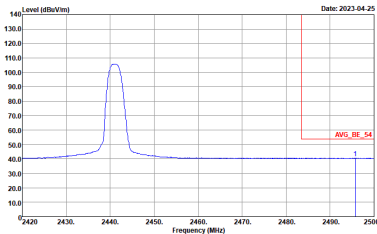


BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH39 2441MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL RBW:1000.000KHz VBW:0.560KHz SWT:Auto	



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH39 2441MHz	
	Vertical	Fundamental
Peak	Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH39 2441MHz	
	Vertical	Fundamental
Peak	 Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	
Avg	 Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	



BT		2.4GHz 2400~2483.5MHz Band Edge @ 3m	
		BT CH78 2480MHz	
		Horizontal	Fundamental
Peak		Site : 03CH22-HY Condition : PEAK_BE_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH22-HY Condition : PEAK_74 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg		Site : 03CH22-HY Condition : AVG_BE_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto	Site : 03CH22-HY Condition : AVG_54 3m LEZC04A18EN_220706 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto