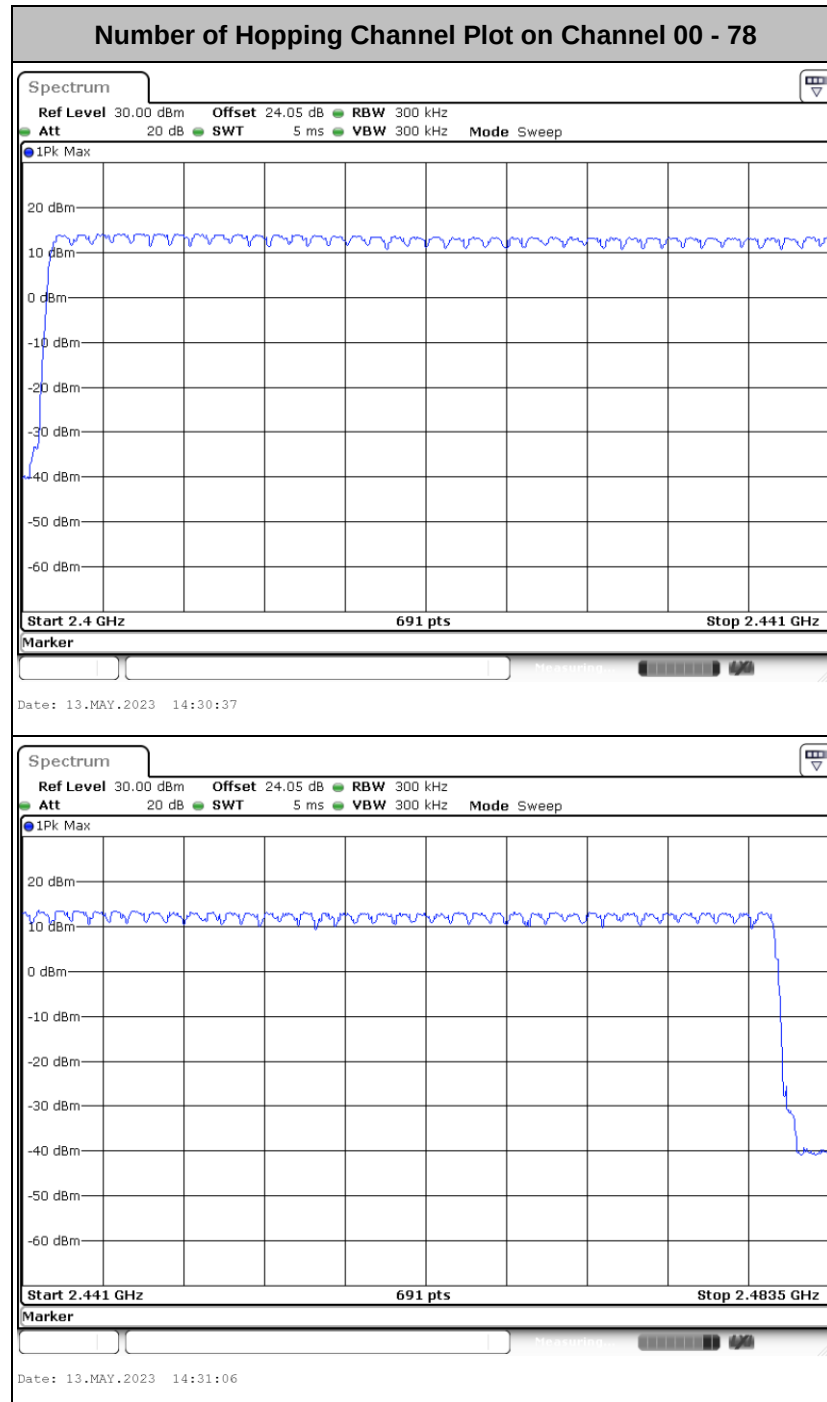




<TXBF BR+EDR Ant. 4>

Number of Hopping Frequency

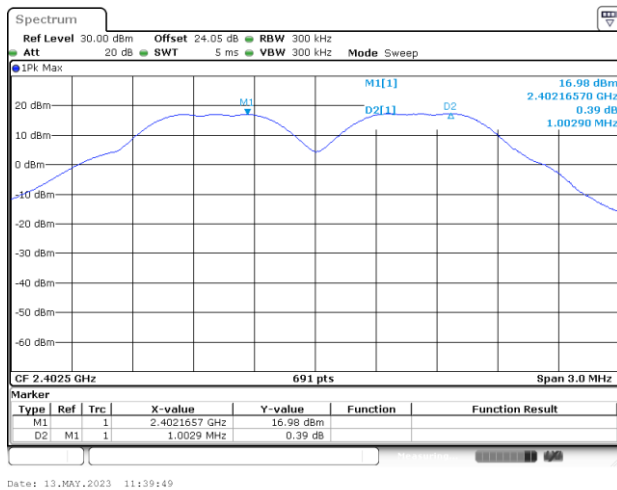




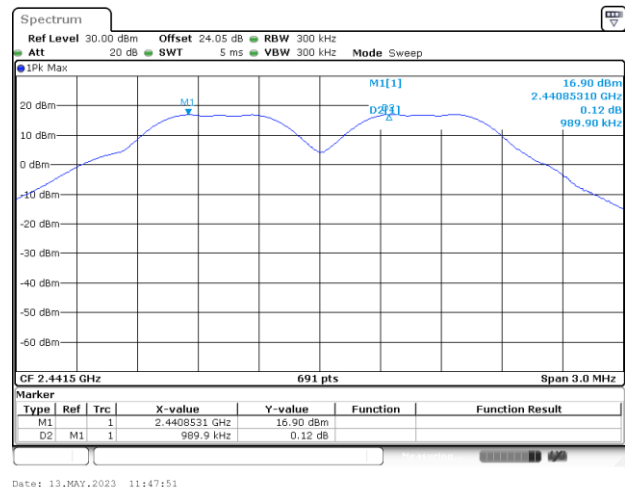
Hopping Channel Separation

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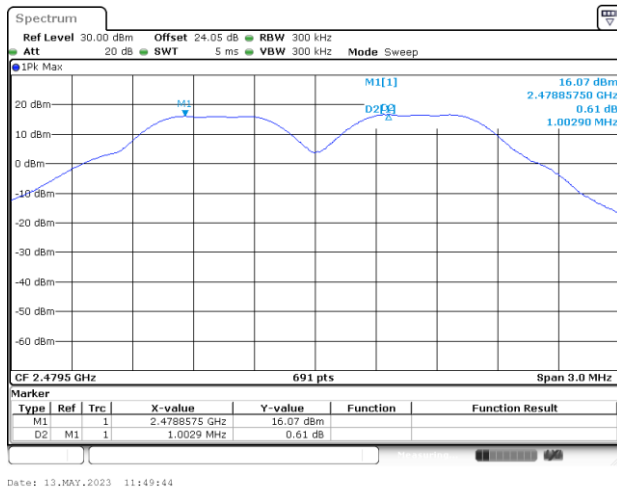
Channel Separation Plot on Channel 00 - 01



Channel Separation Plot on Channel 39 - 40



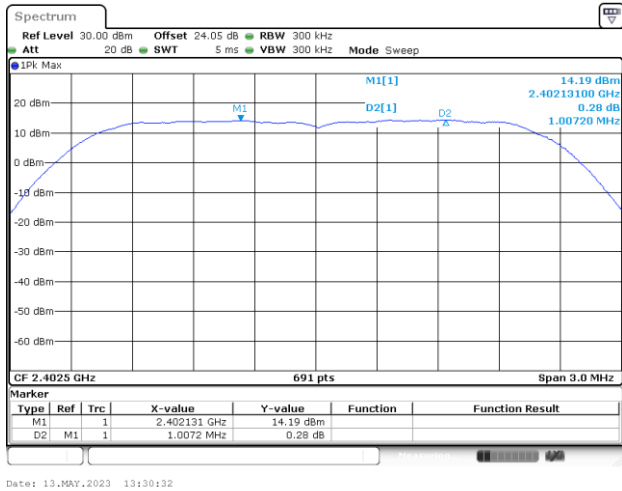
Channel Separation Plot on Channel 77 - 78



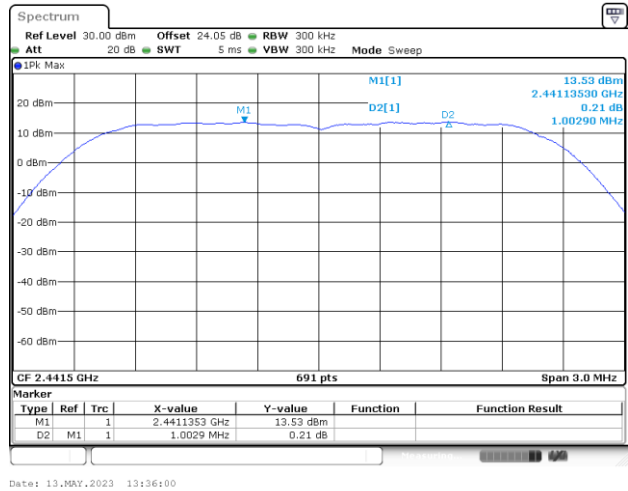


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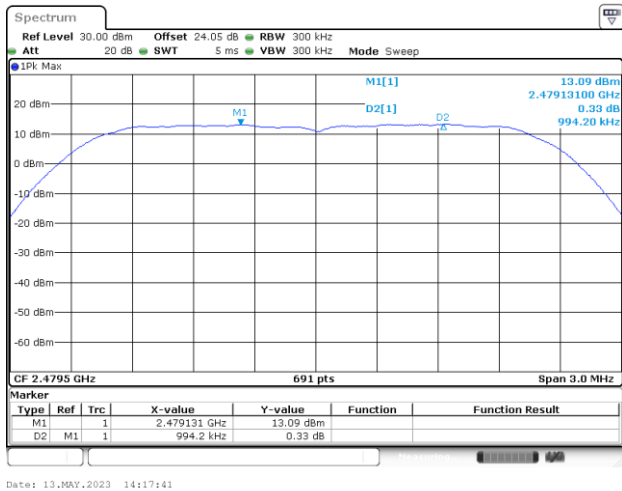
Channel Separation Plot on Channel 00 - 01



Channel Separation Plot on Channel 39 - 40



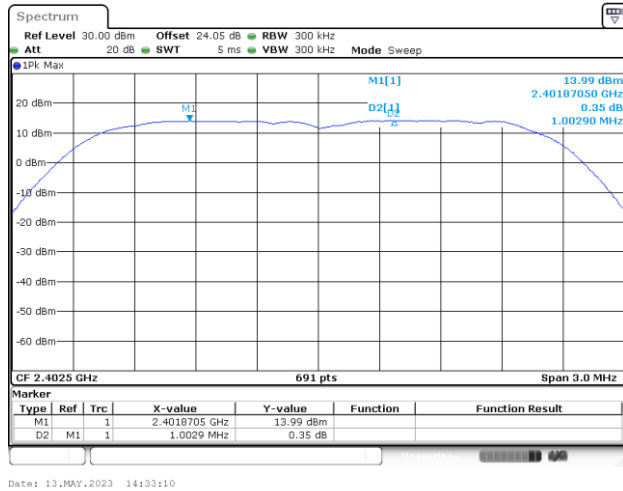
Channel Separation Plot on Channel 77 - 78



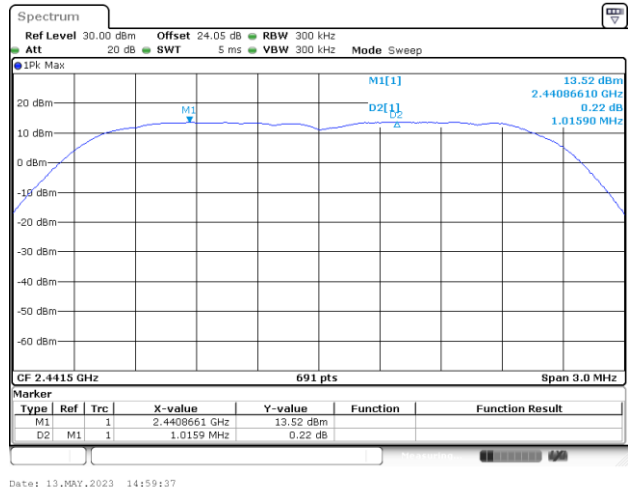


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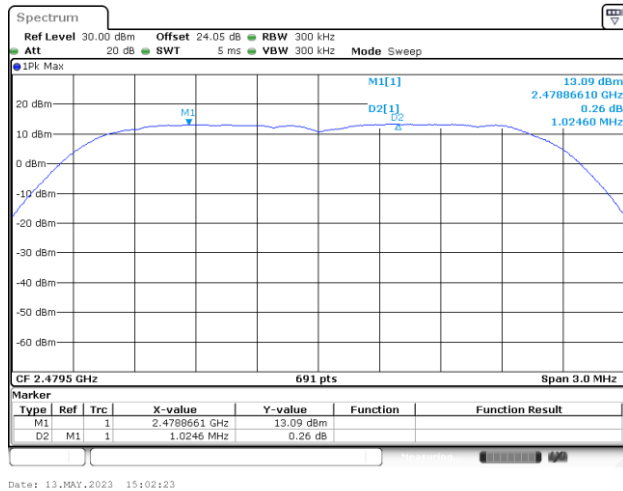
Channel Separation Plot on Channel 00 - 01



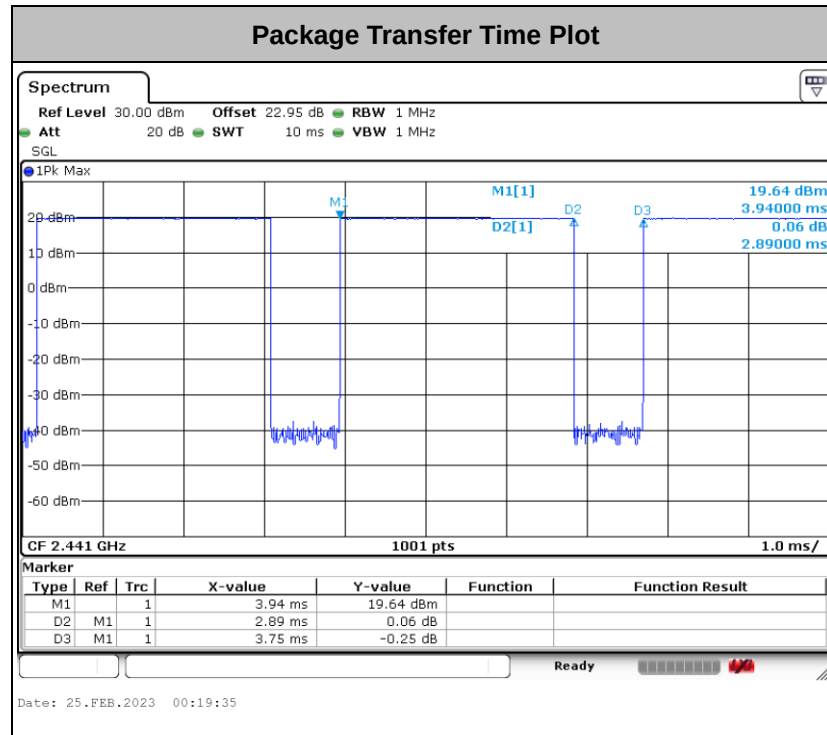
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time

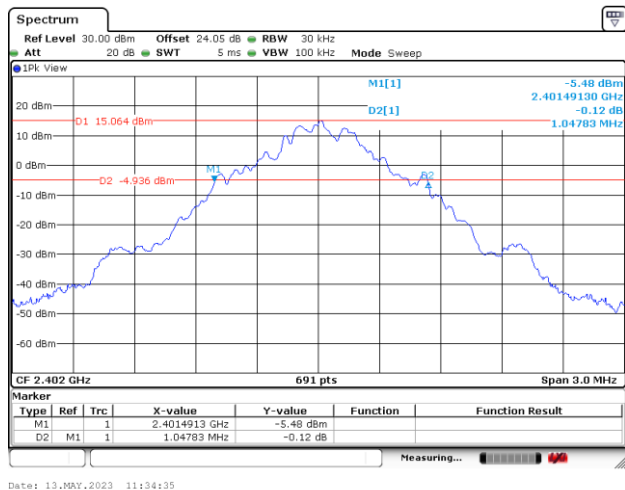

Remark:

1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time

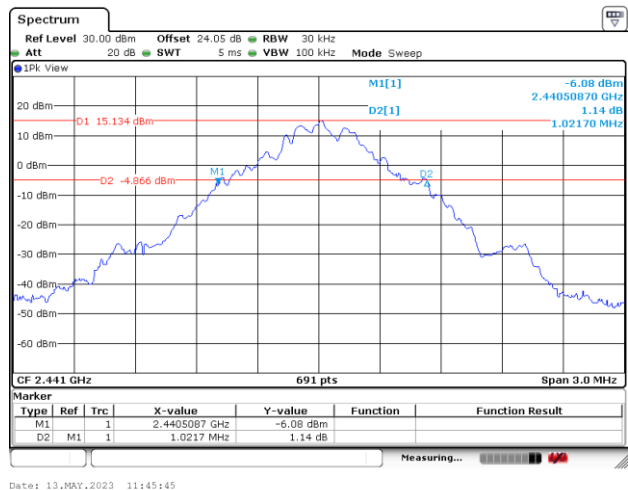
**20dB Bandwidth**

<1Mbps>

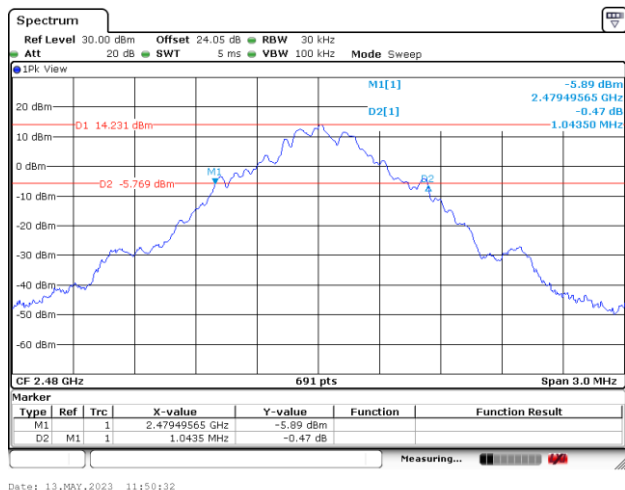
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



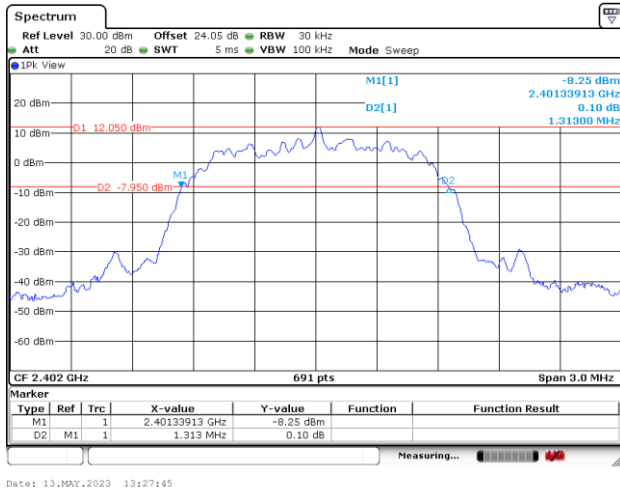
20 dB Bandwidth Plot on Channel 78



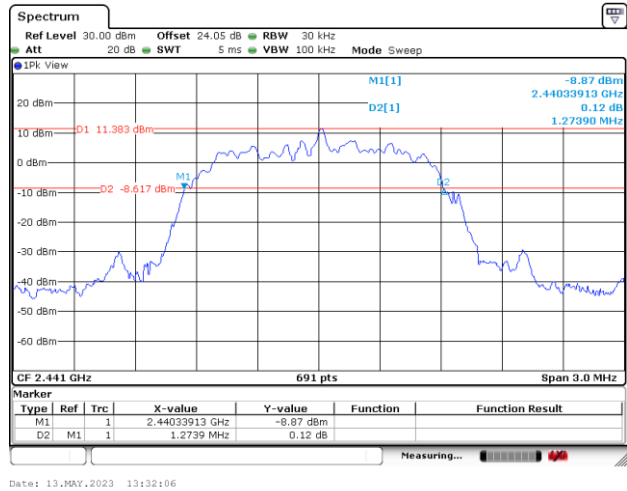


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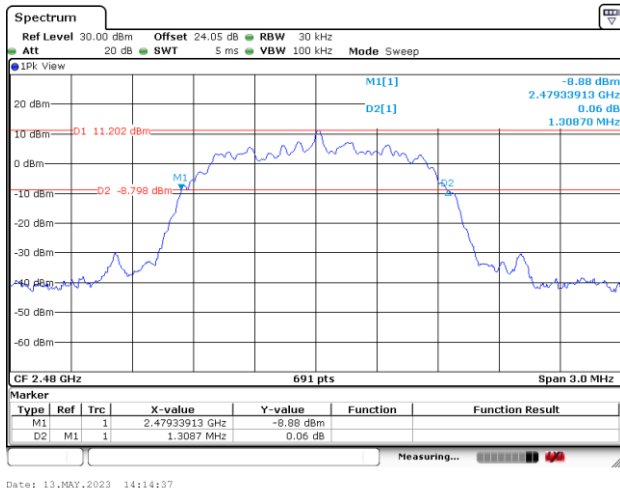
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



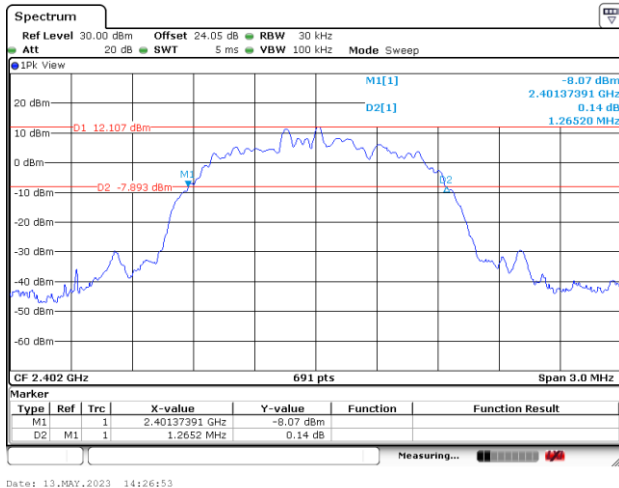
20 dB Bandwidth Plot on Channel 78



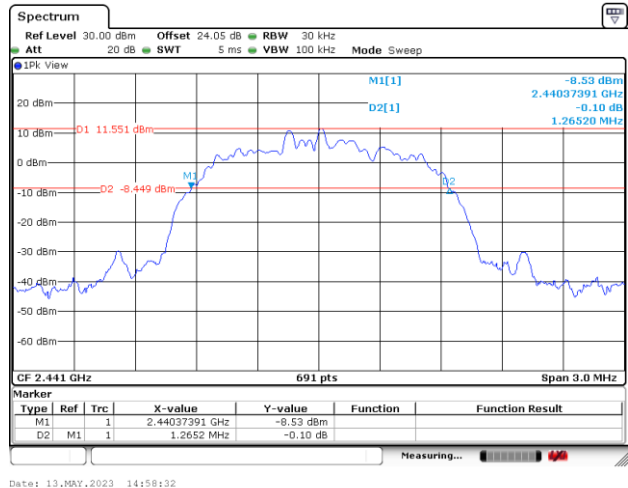


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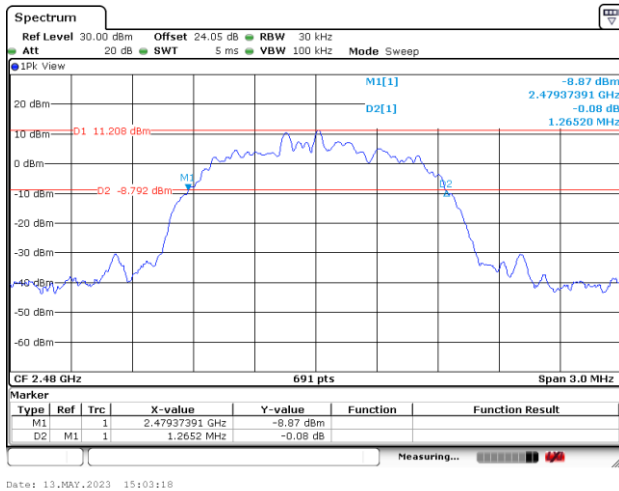
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39

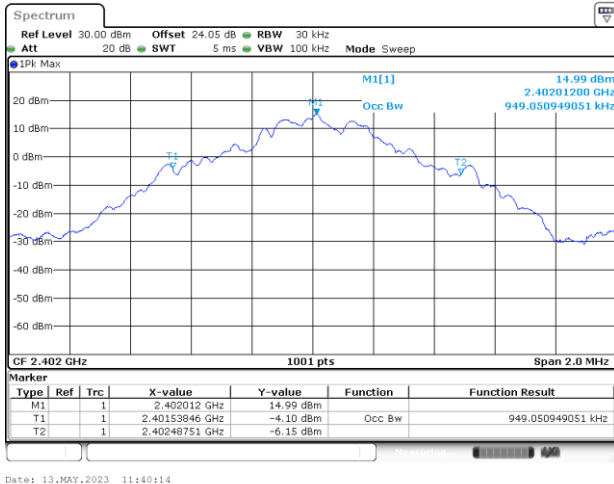
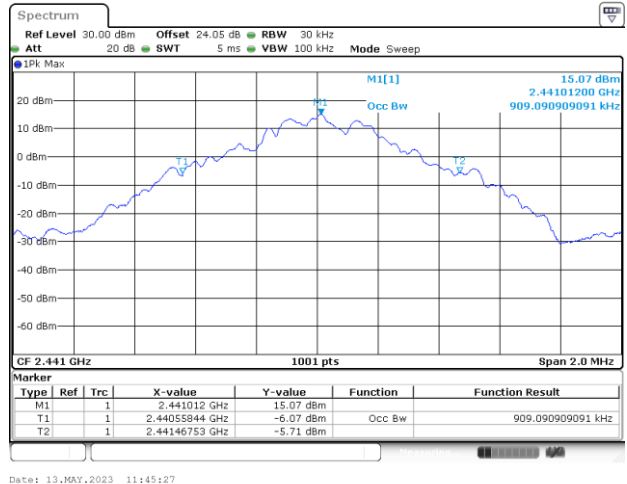
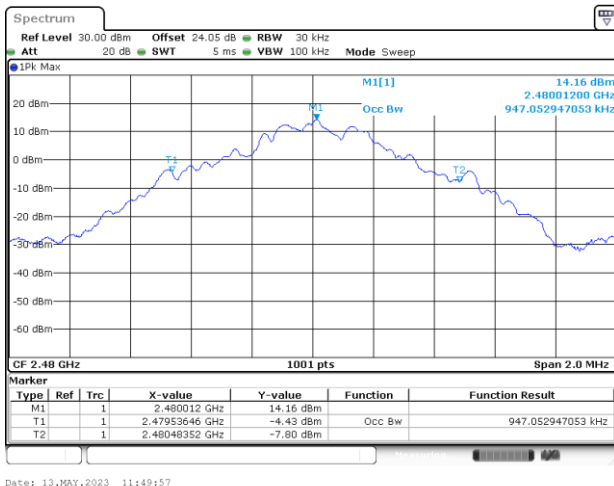


20 dB Bandwidth Plot on Channel 78



**99% Occupied Bandwidth**

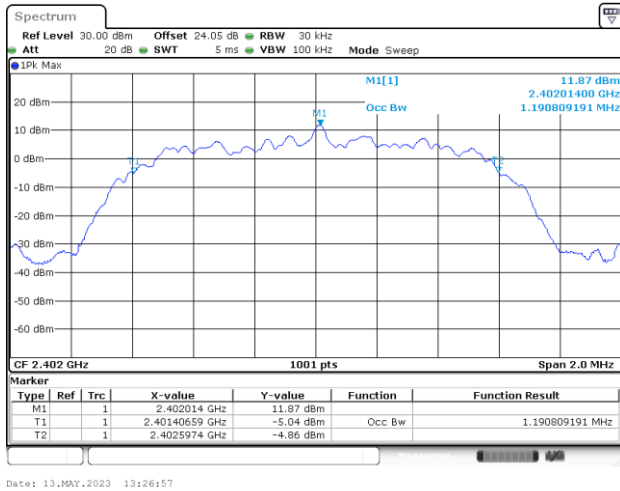
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99% Occupied Bandwidth on Channel 00**99% Occupied Bandwidth on Channel 39****99% Occupied Bandwidth on Channel 78**

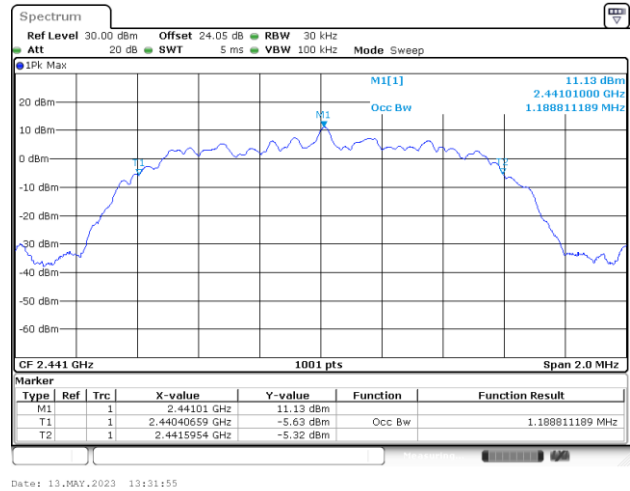


<2Mbps>

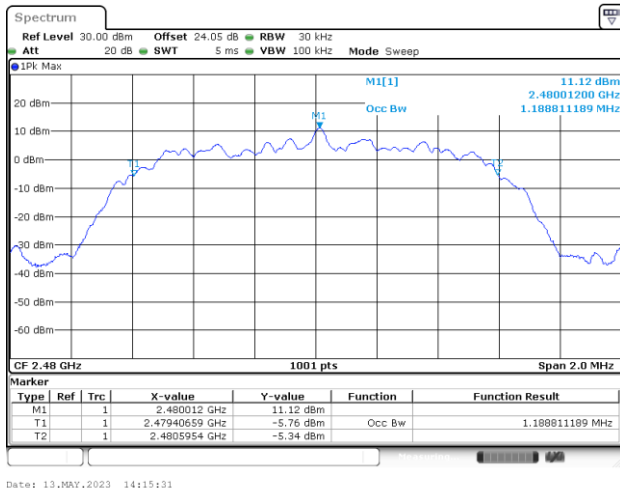
99% Occupied Bandwidth on Channel 00

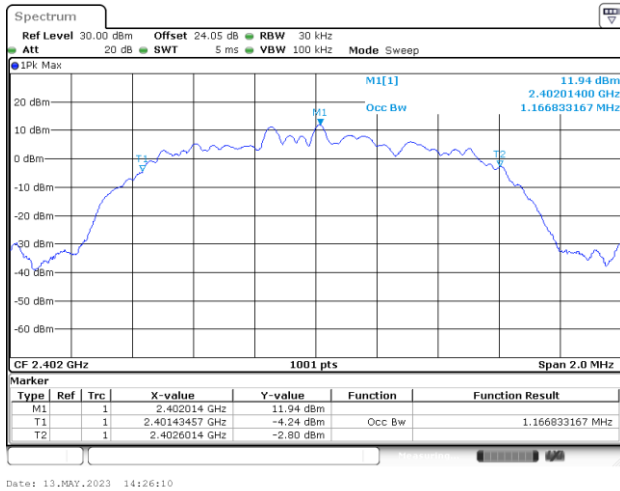
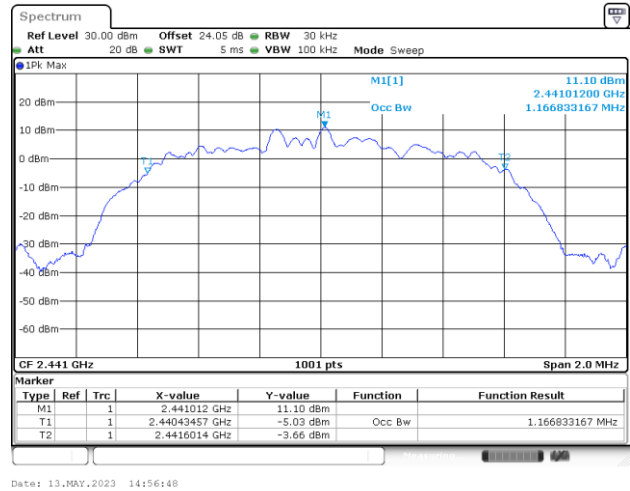
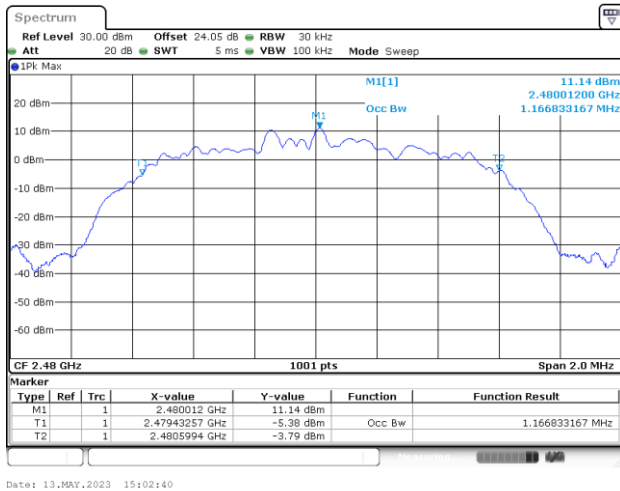


99% Occupied Bandwidth on Channel 39



99% Occupied Bandwidth on Channel 78



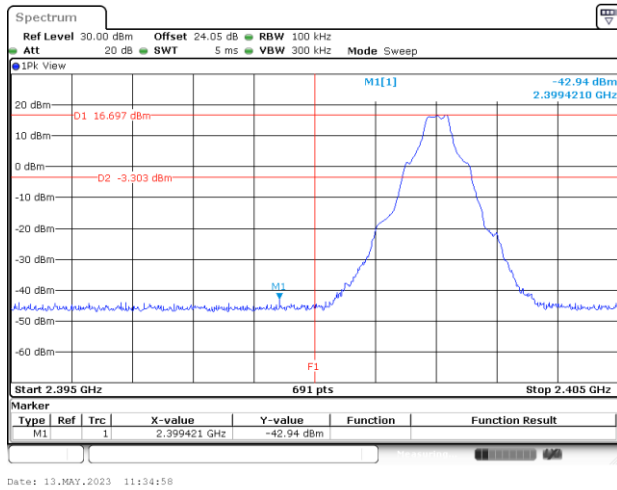
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99% Occupied Bandwidth on Channel 00

99% Occupied Bandwidth on Channel 39

99% Occupied Bandwidth on Channel 78


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

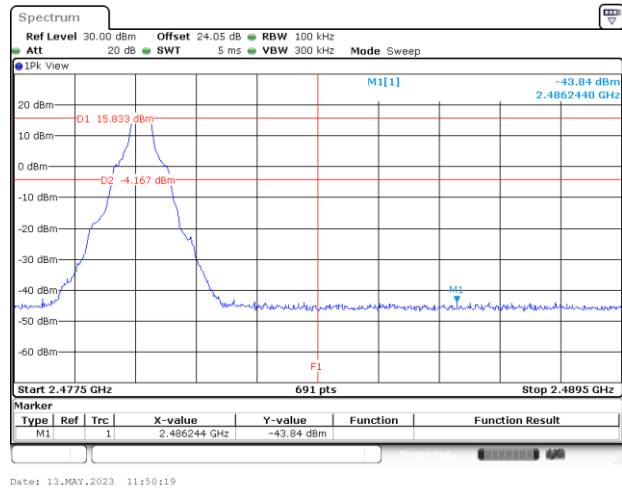
**Band Edges**

<1Mbps>

Low Band Edge Plot on Channel 00

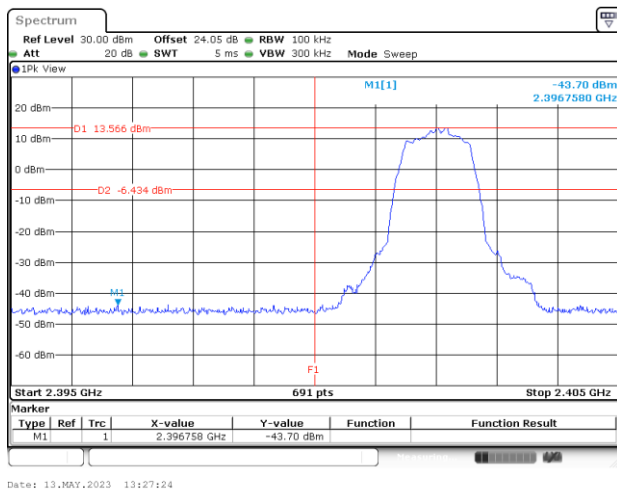


High Band Edge Plot on Channel 78

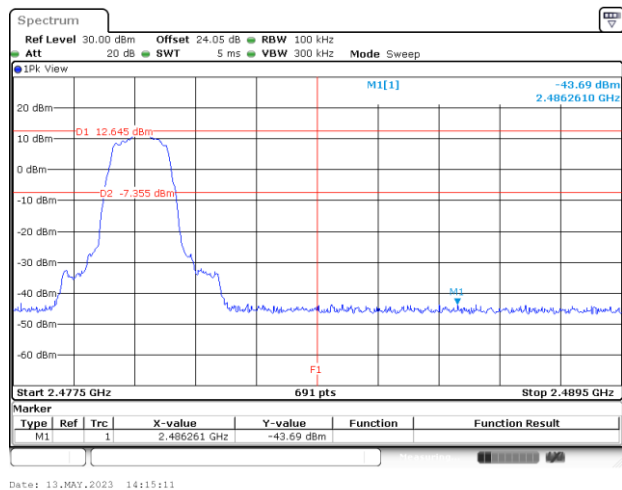


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Low Band Edge Plot on Channel 00



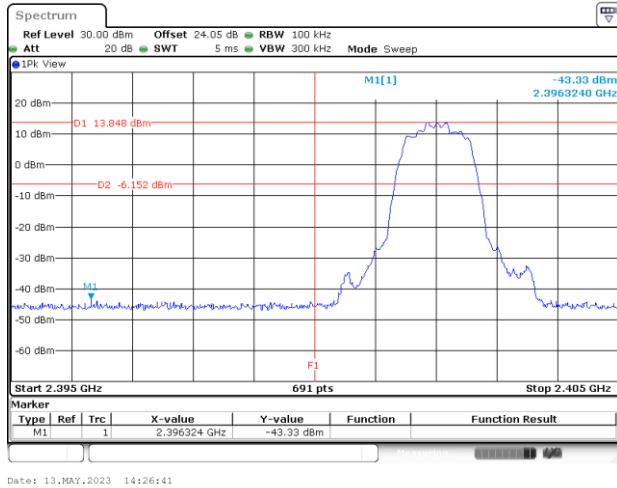
High Band Edge Plot on Channel 78



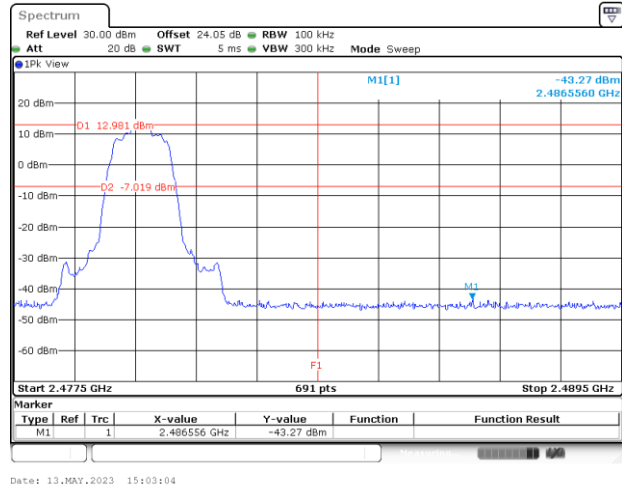


<3Mbps>

Low Band Edge Plot on Channel 00



High Band Edge Plot on Channel 78

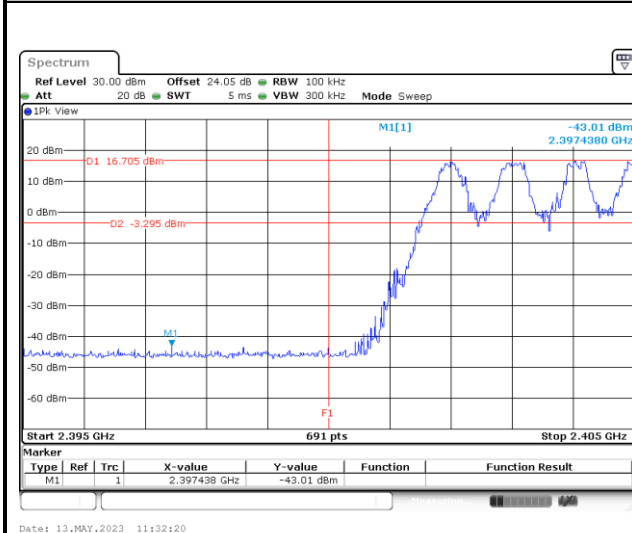




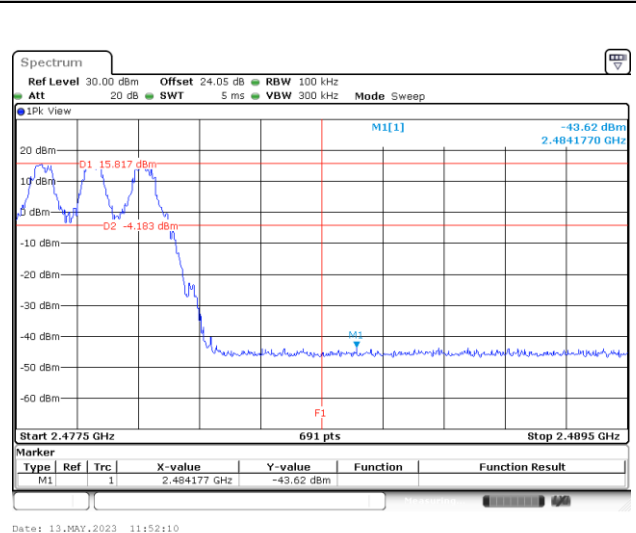
Hopping Mode Band Edges

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Hopping Mode Low Band Edge Plot

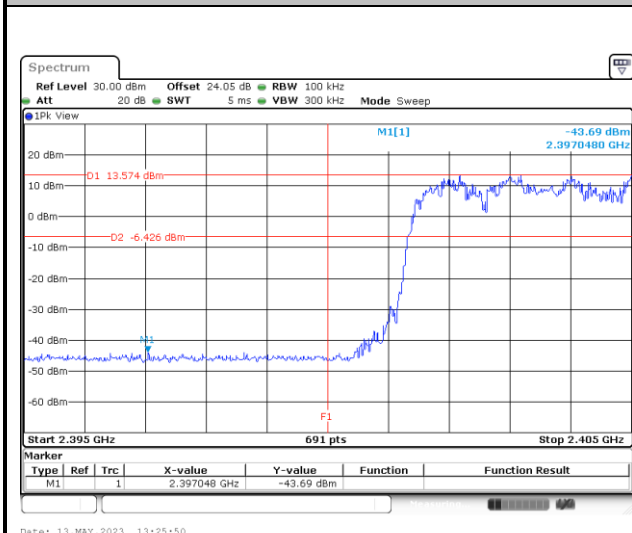


Hopping Mode High Band Edge Plot

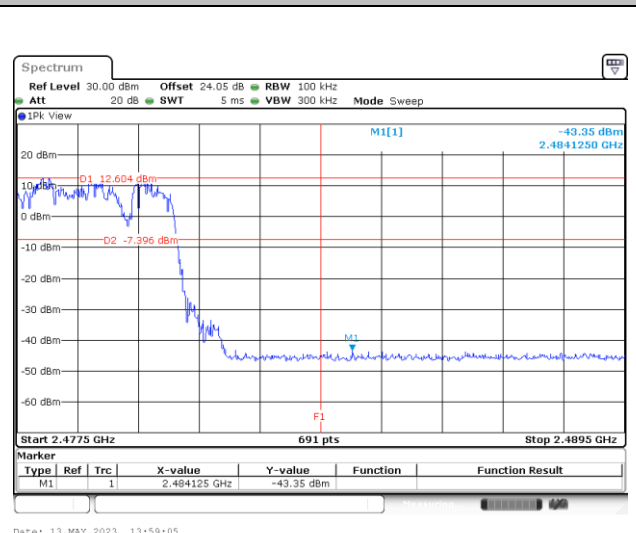


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Hopping Mode Low Band Edge Plot



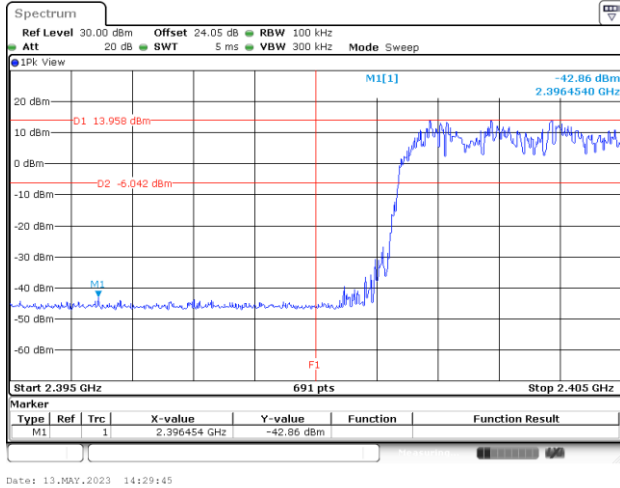
Hopping Mode High Band Edge Plot



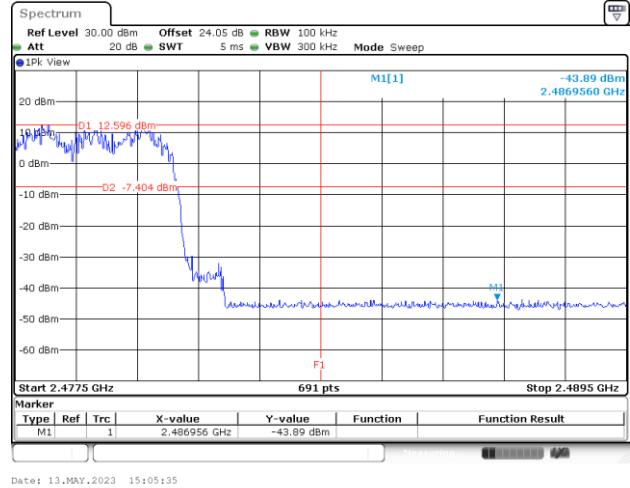


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Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

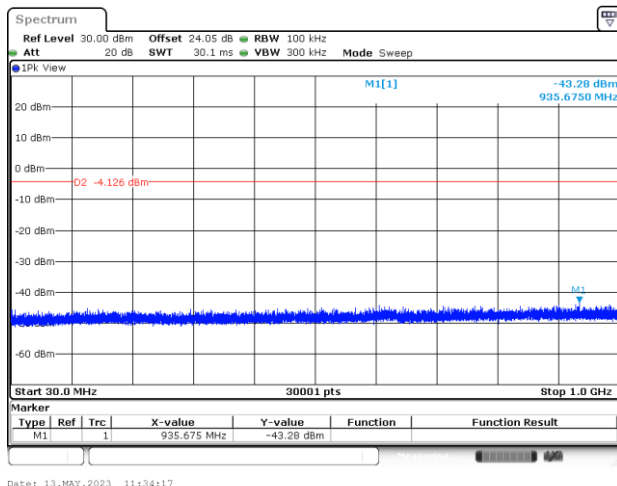




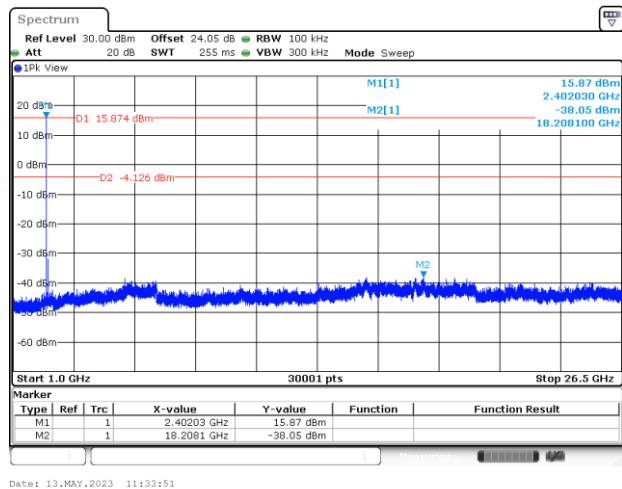
Spurious Emission

<1Mbps>

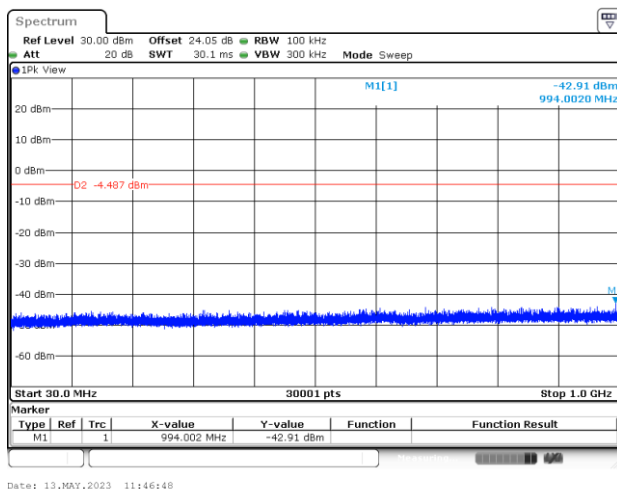
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



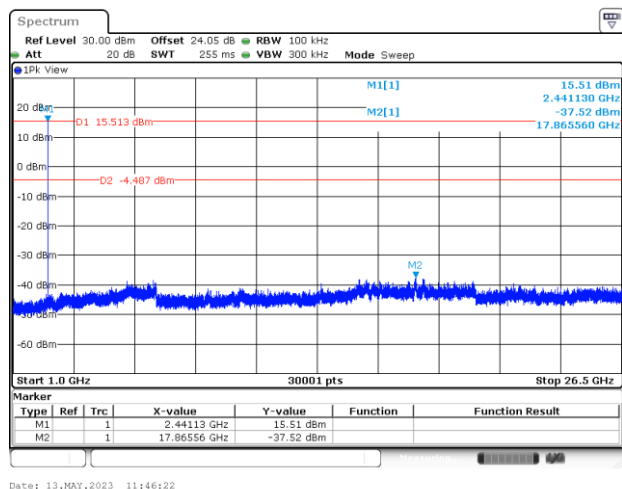
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

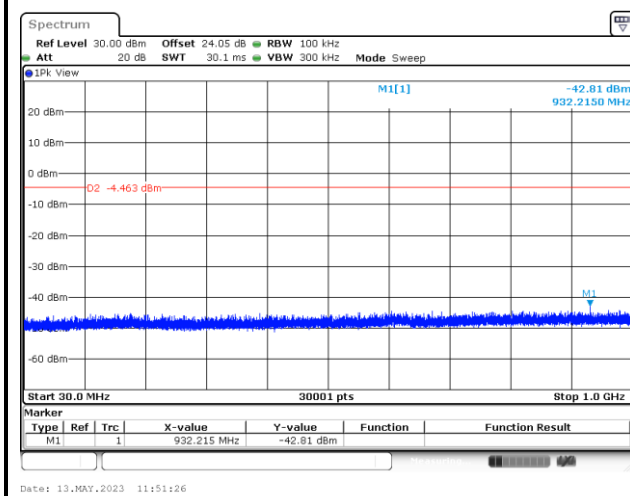


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

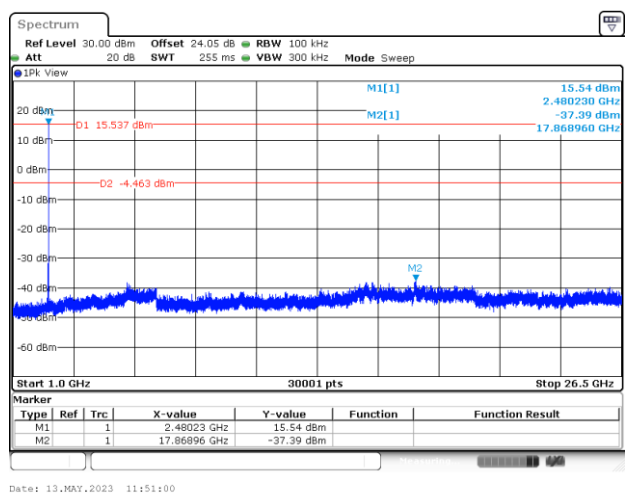




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



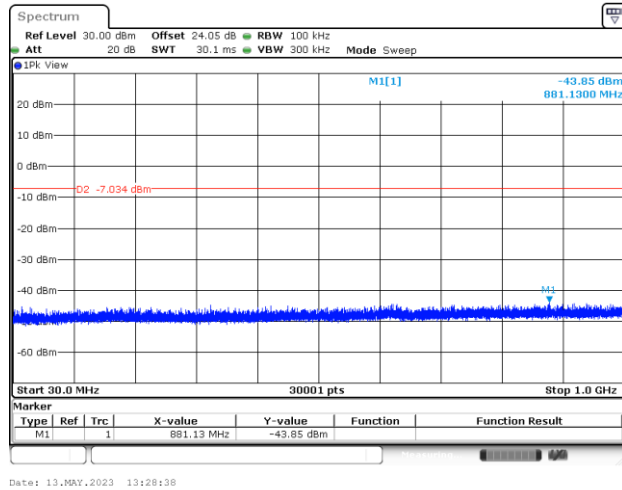
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



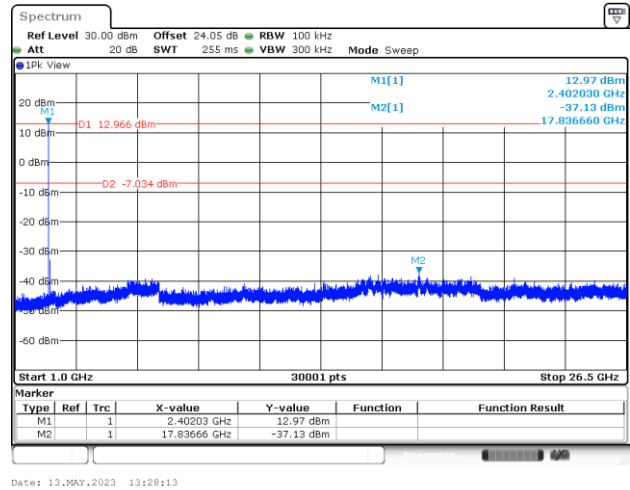


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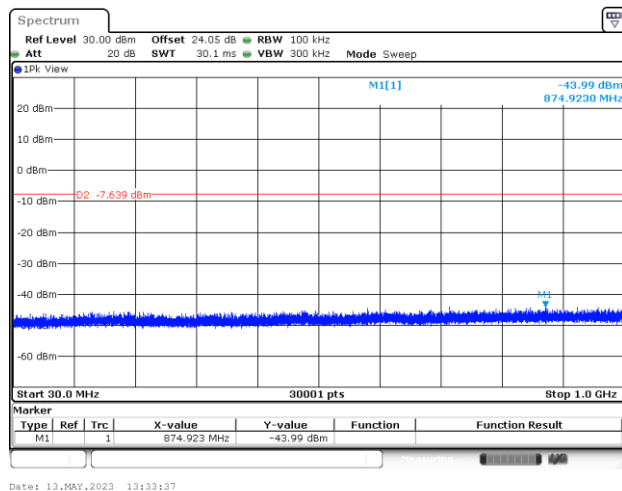
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



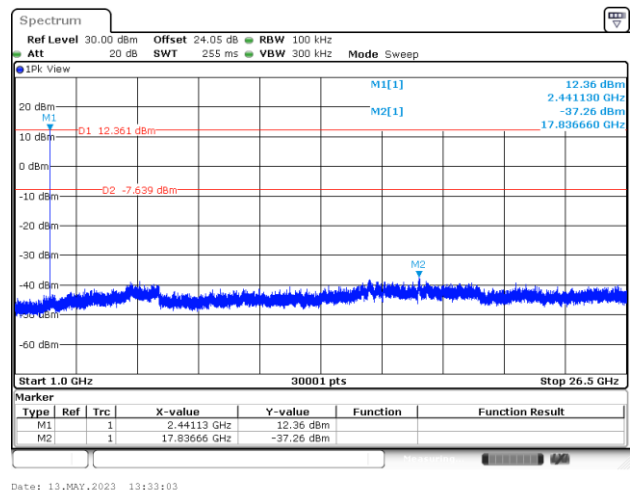
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

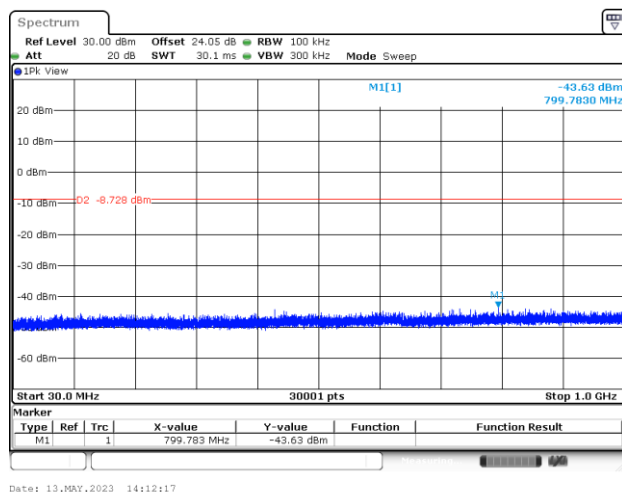


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

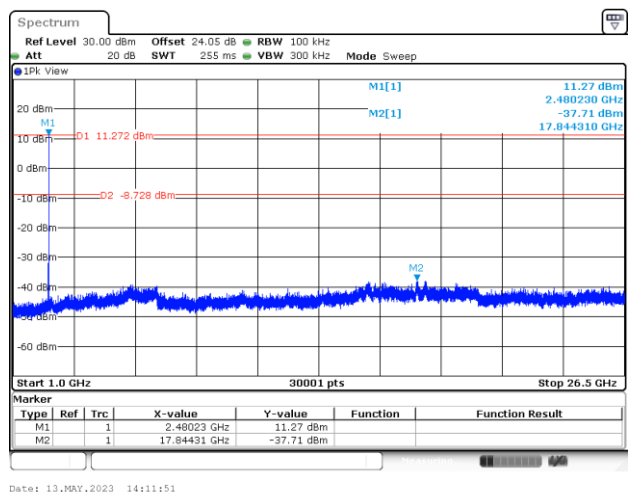




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



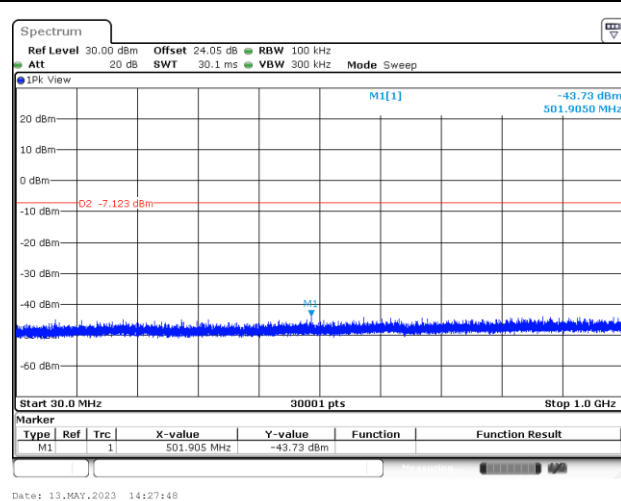
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz



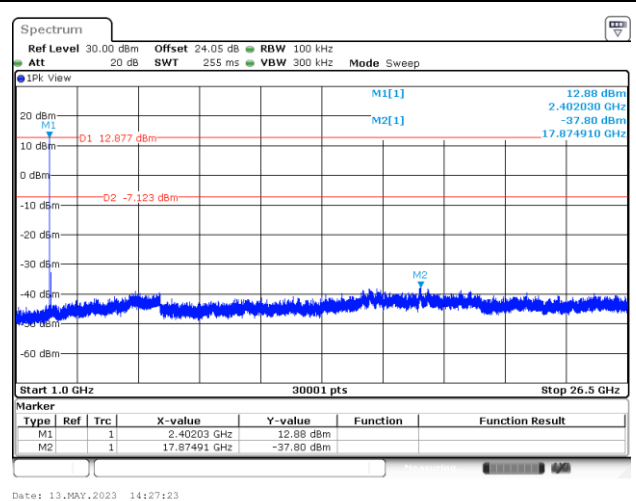


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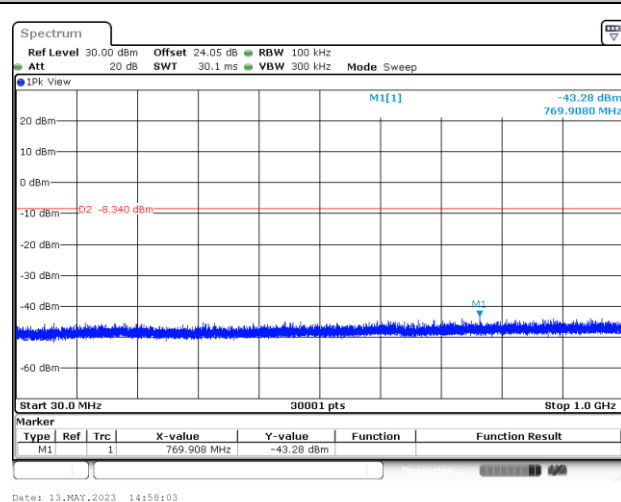
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



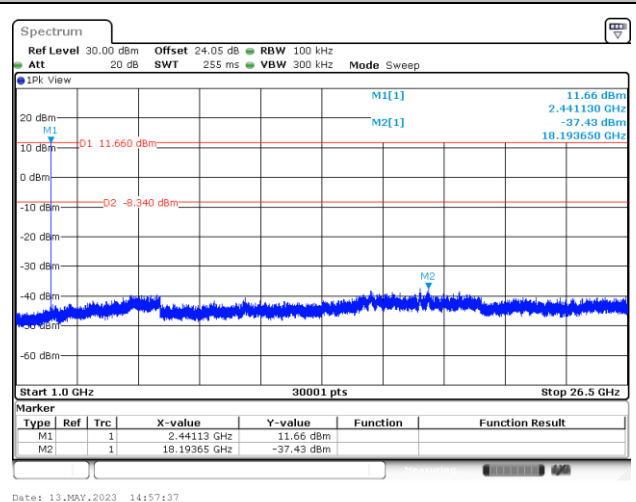
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

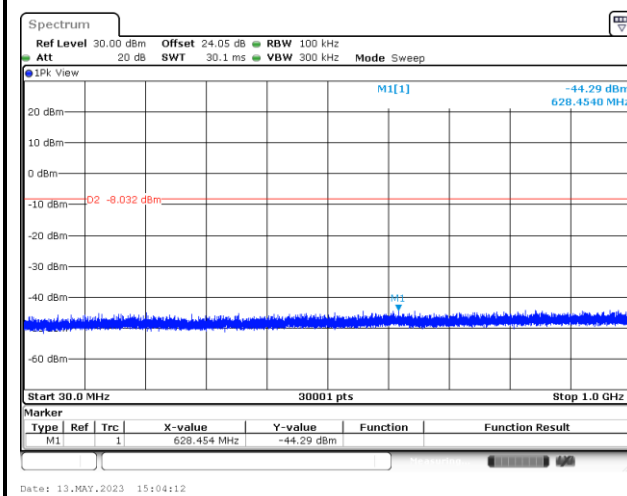


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

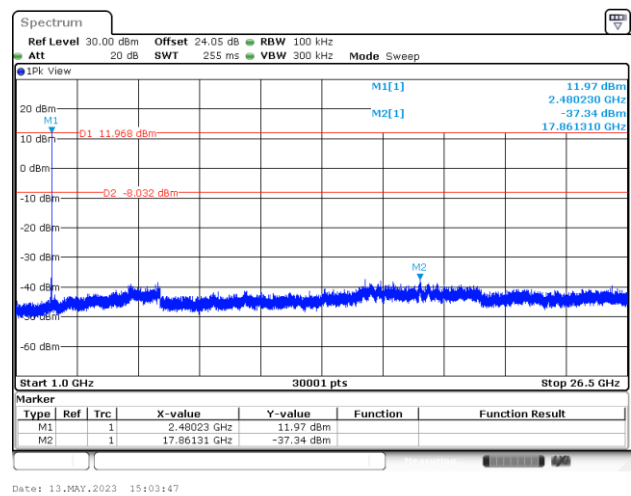




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



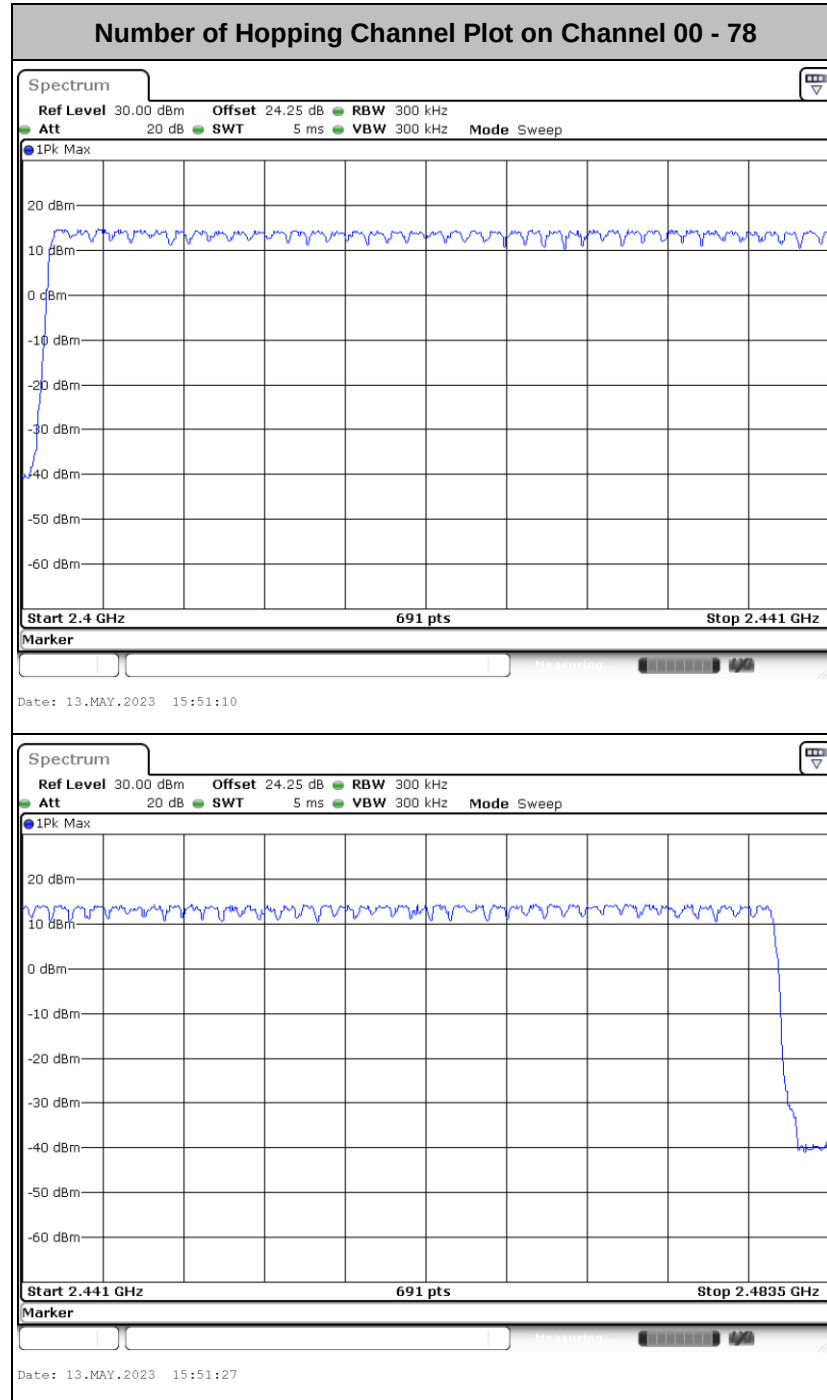
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<TXBF HR 2Mbps Ant.3>

Number of Hopping Frequency

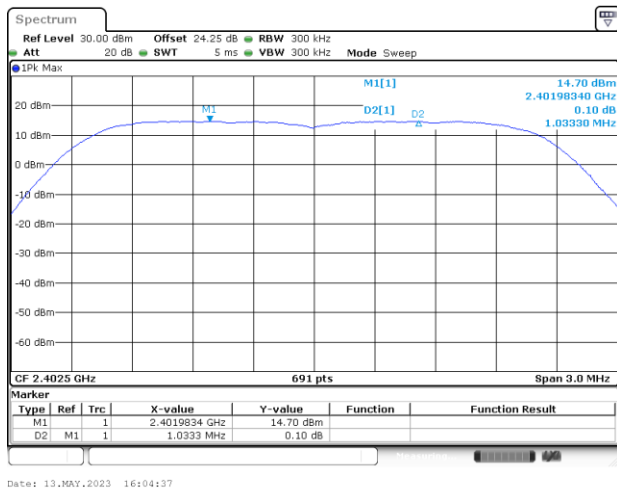




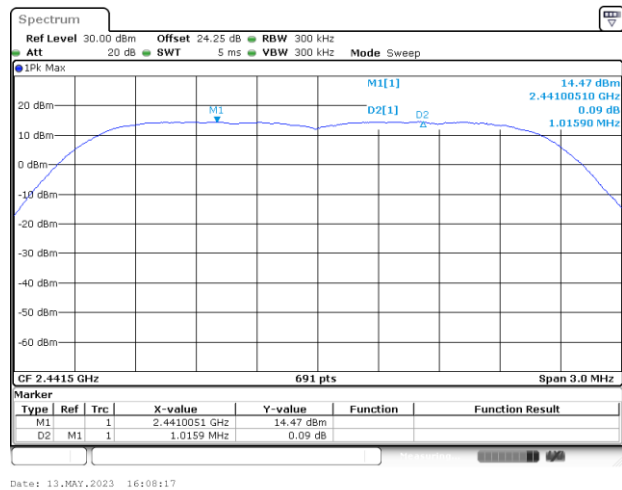
Hopping Channel Separation

<HR 2Mbps>

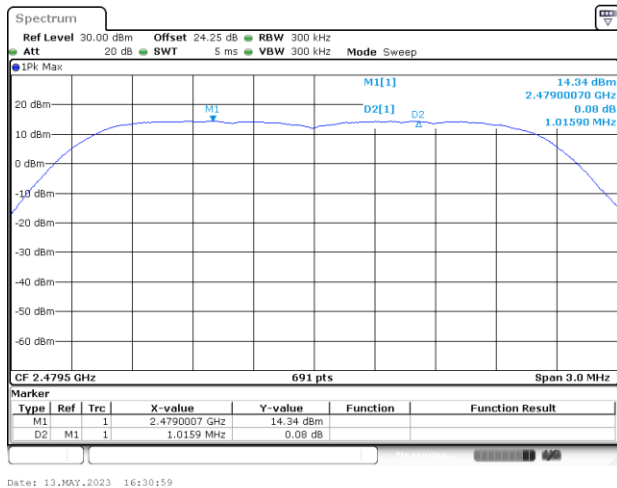
Channel Separation Plot on Channel 00 - 01



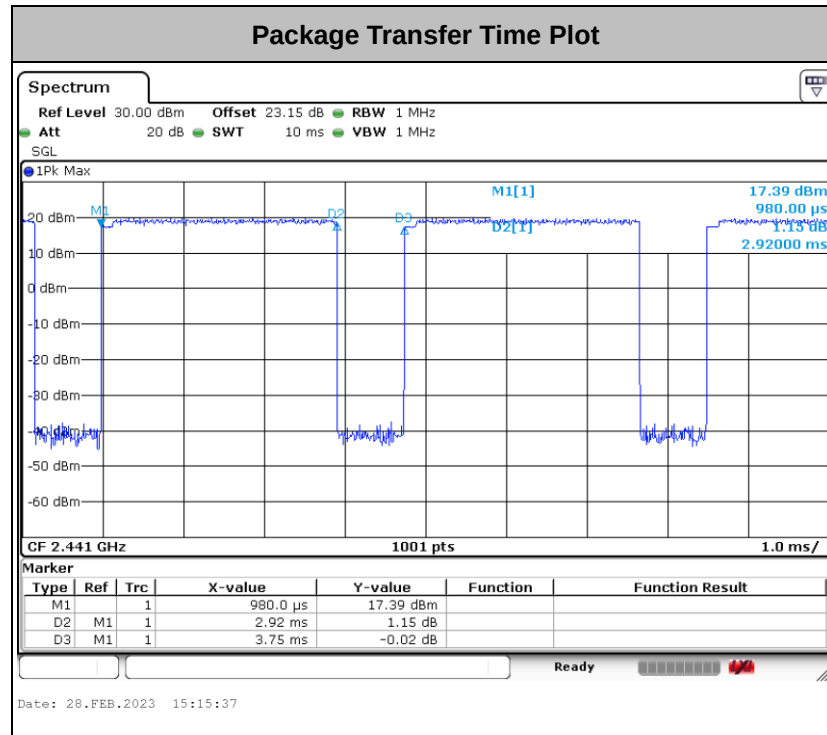
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time

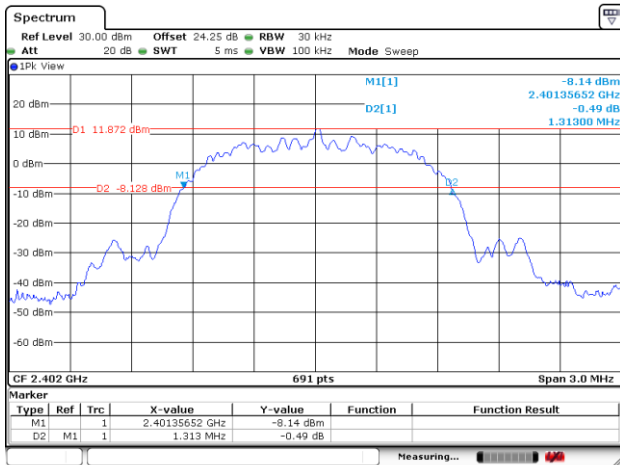


Remark:

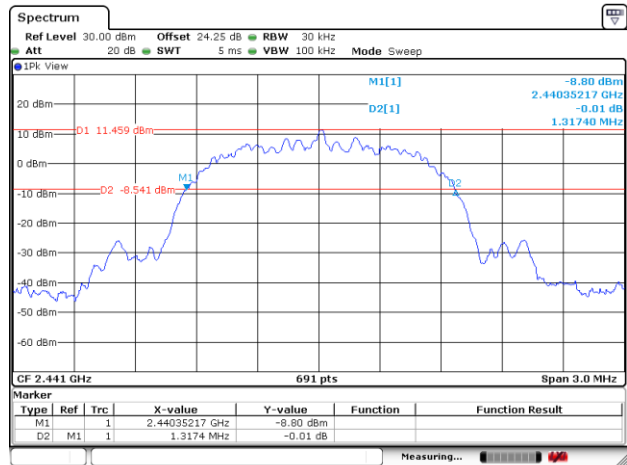
1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time

**20dB Bandwidth**

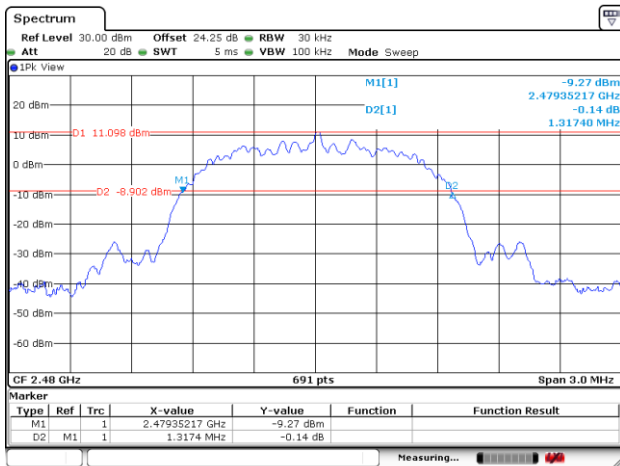
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20 dB Bandwidth Plot on Channel 00

Date: 13.MAY.2023 15:45:09

20 dB Bandwidth Plot on Channel 39

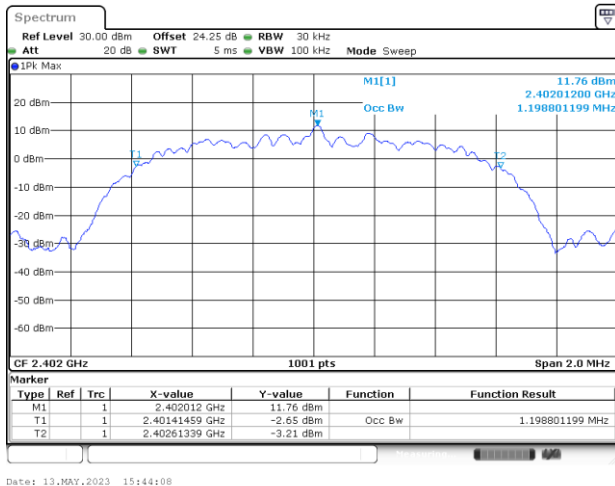
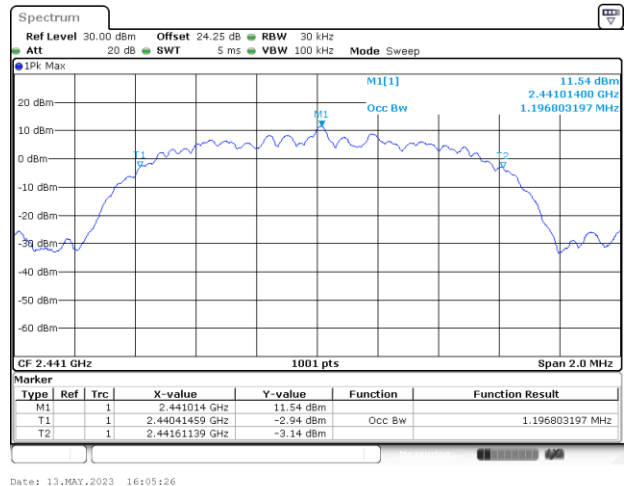
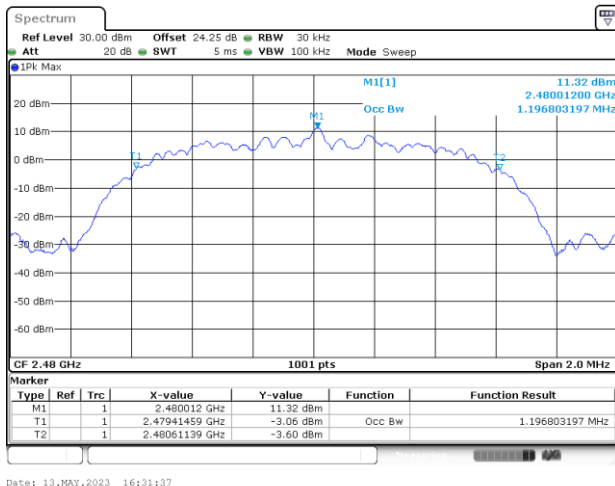
Date: 13.MAY.2023 16:05:51

20 dB Bandwidth Plot on Channel 78

Date: 13.MAY.2023 16:32:30

**99% Occupied Bandwidth**

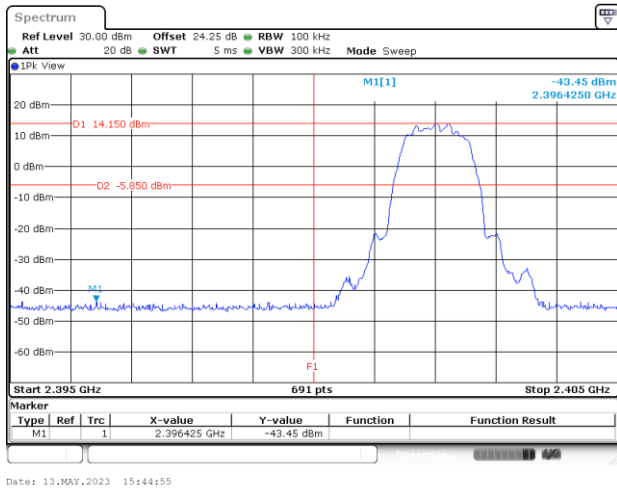
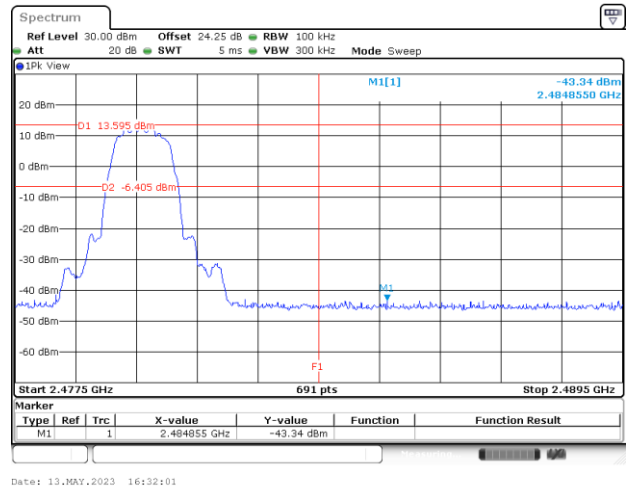
< HR 2Mbps >

99% Occupied Bandwidth on Channel 00**99% Occupied Bandwidth on Channel 39****99% Occupied Bandwidth on Channel 78**

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

**Band Edges**

< HR 2Mbps >

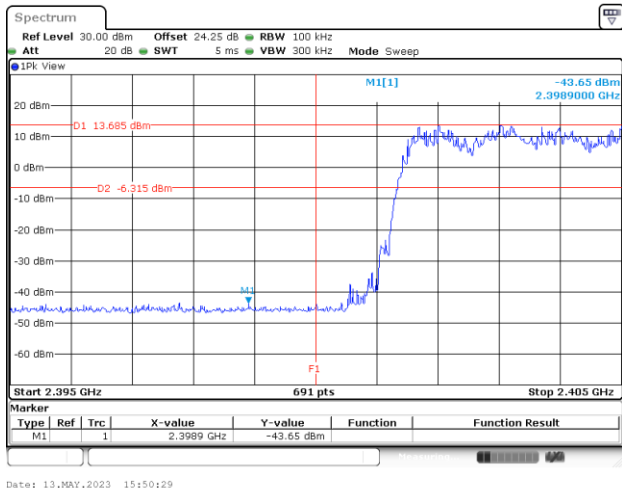
Low Band Edge Plot on Channel 00**High Band Edge Plot on Channel 78**



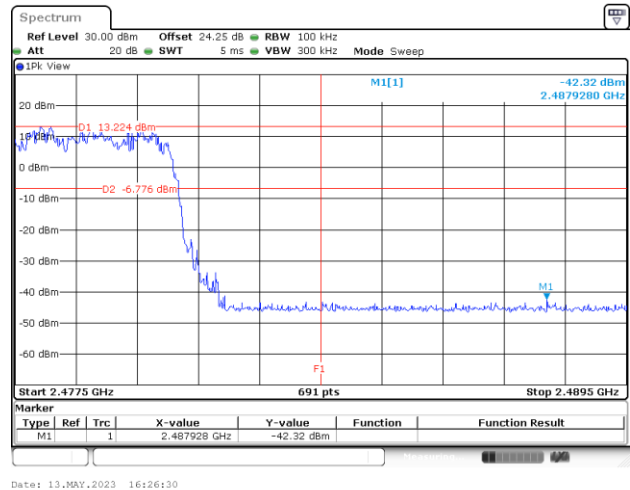
Hopping Mode Band Edges

< HR 2Mbps >

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

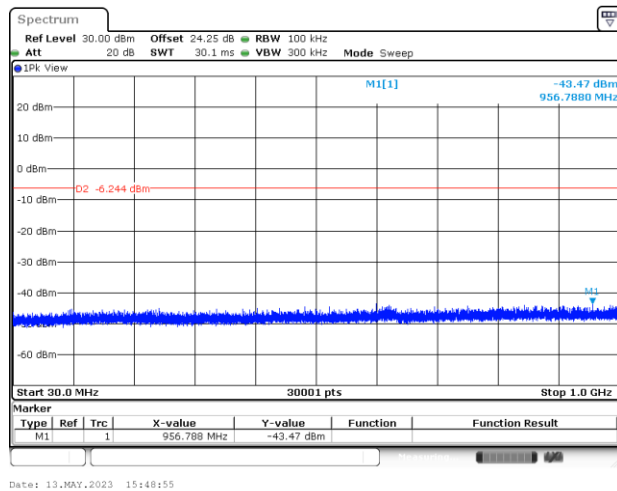




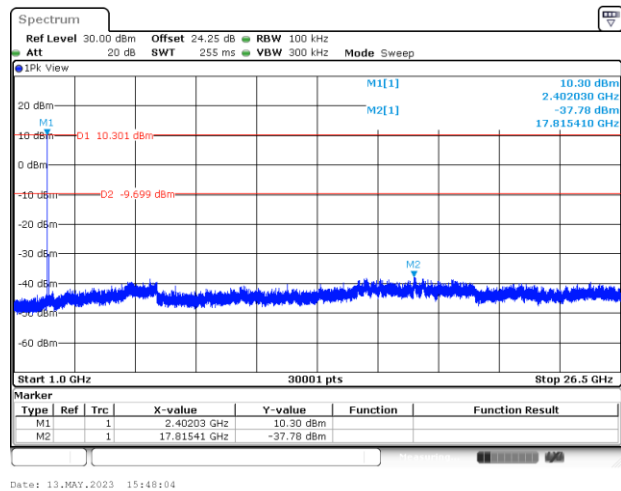
Spurious Emission

< HR 2Mbps >

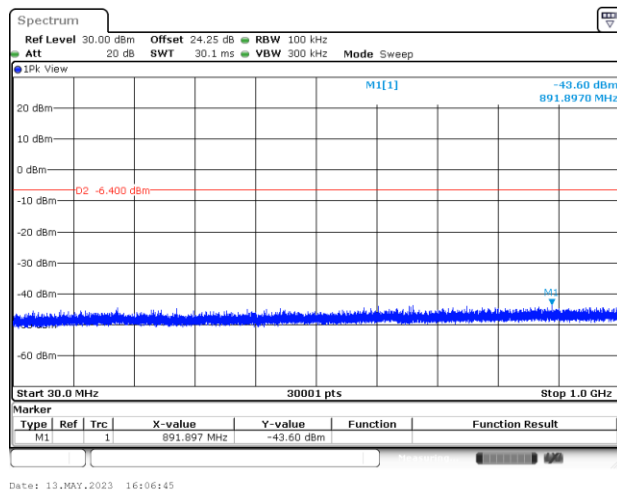
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



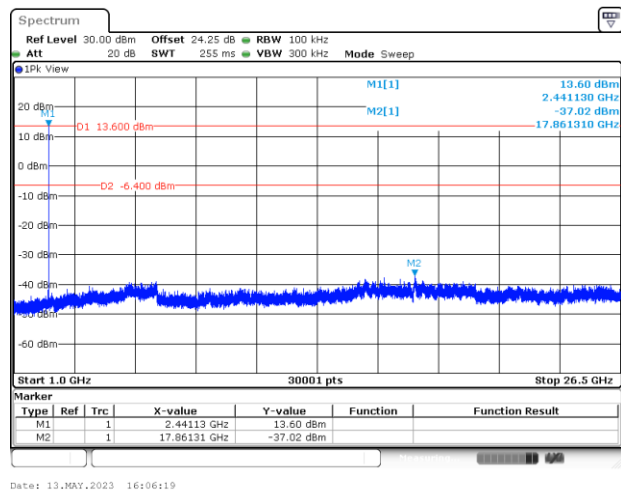
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

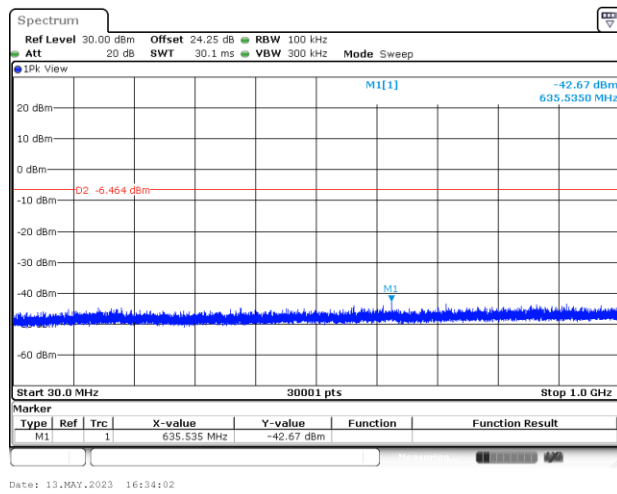


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

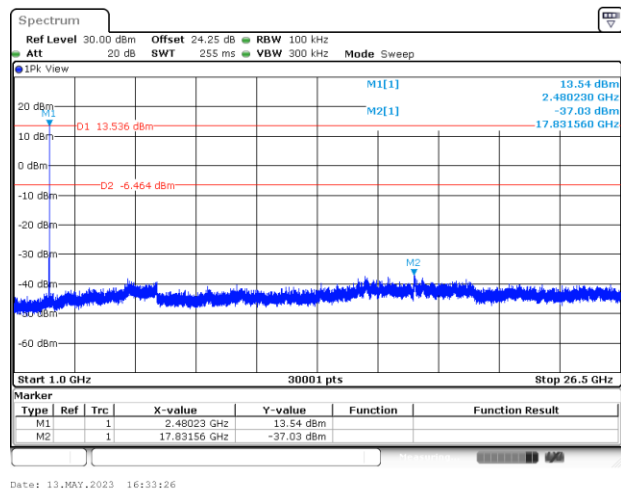




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



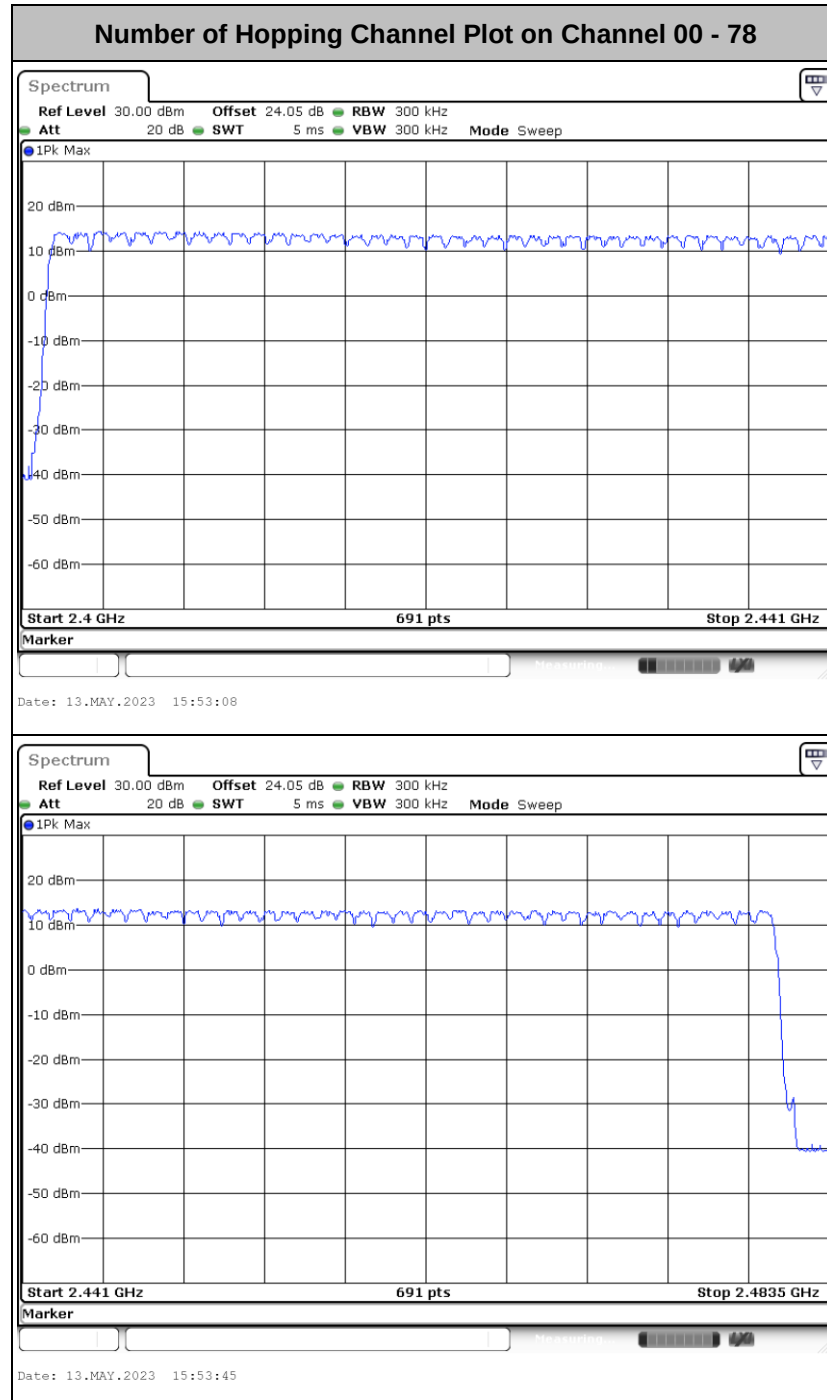
CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





<TXBF HR 2Mbps Ant.4>

Number of Hopping Frequency

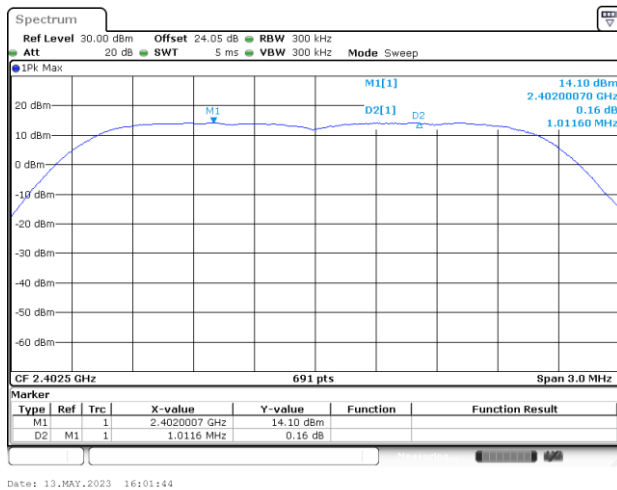




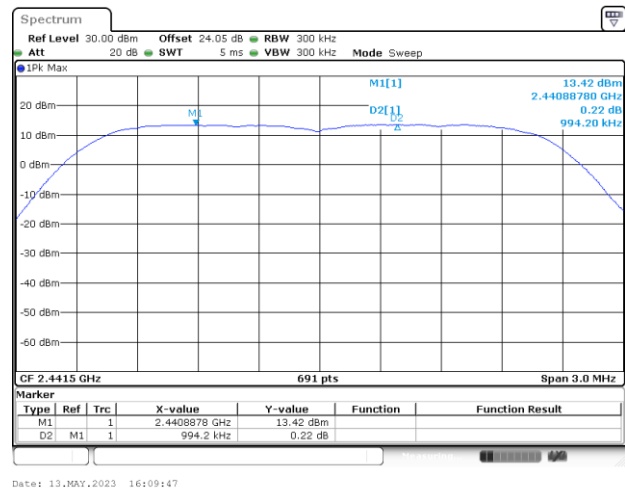
Hopping Channel Separation

<HR 2Mbps>

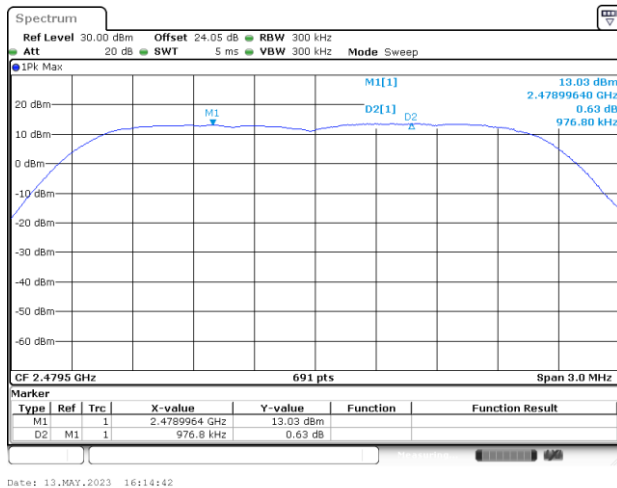
Channel Separation Plot on Channel 00 - 01



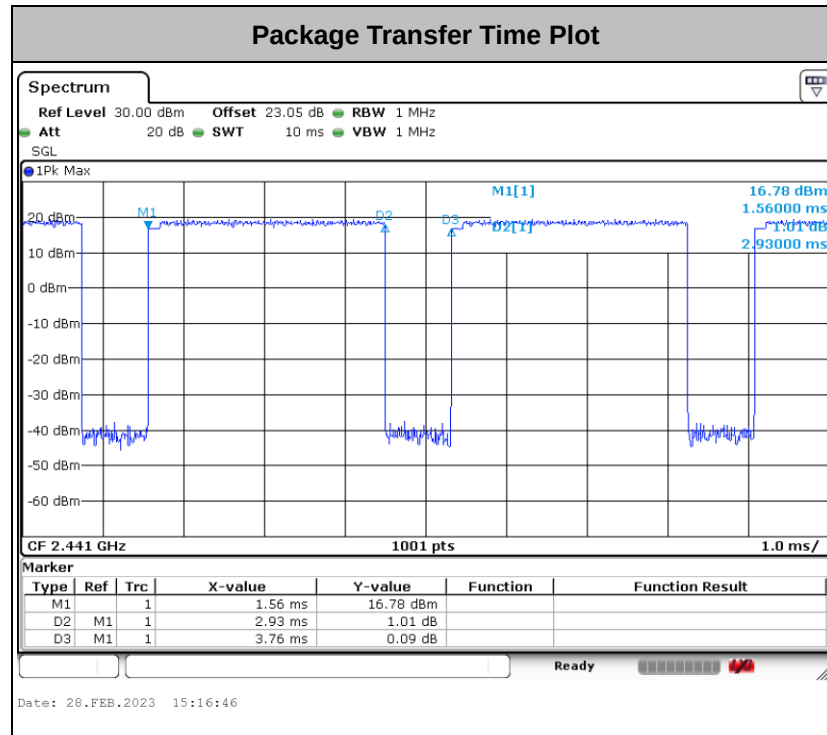
Channel Separation Plot on Channel 39 - 40



Channel Separation Plot on Channel 77 - 78



Dwell Time

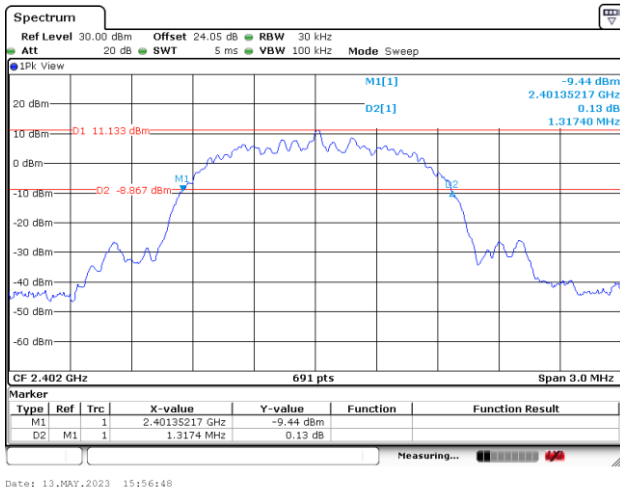

Remark:

1. In normal mode, hopping rate is 1600 hops/s with 6 slots in 79 hopping channels. With channel hopping rate (1600 / 6 / 79) in Occupancy Time Limit (0.4 x 79) (s), Hops Over Occupancy Time comes to (1600 / 6 / 79) x (0.4 x 79) = 106.67 hops.
2. In AFH mode, hopping rate is 800 hops/s with 6 slots in 20 hopping channels. With channel hopping rate (800 / 6 / 20) in Occupancy Time Limit (0.4 x 20) (s), Hops Over Occupancy Time comes to (800 / 6 / 20) x (0.4 x 20) = 53.33 hops.
3. Dwell Time(s) = Hops Over Occupancy Time (hops) x Package Transfer Time

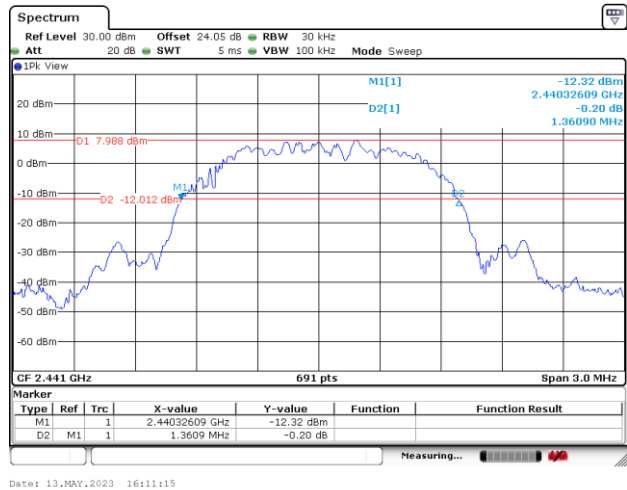
**20dB Bandwidth**

< HR 2Mbps >

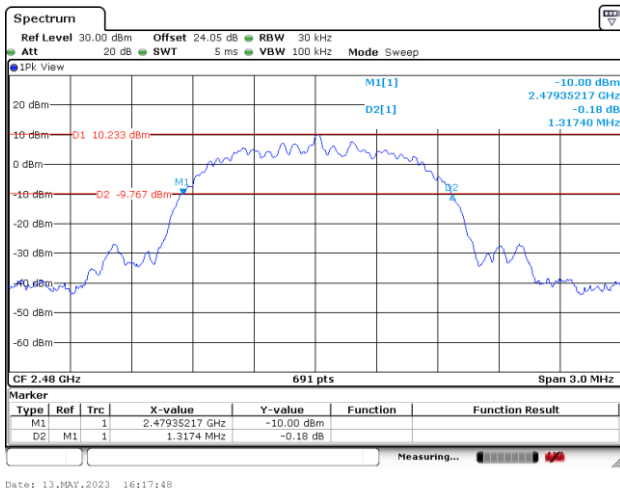
20 dB Bandwidth Plot on Channel 00



20 dB Bandwidth Plot on Channel 39



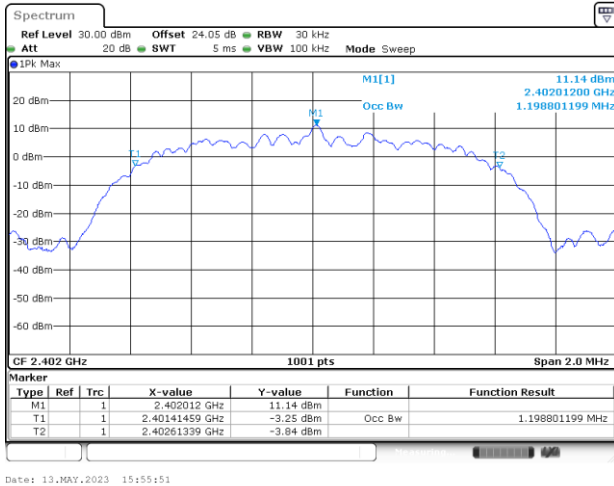
20 dB Bandwidth Plot on Channel 78



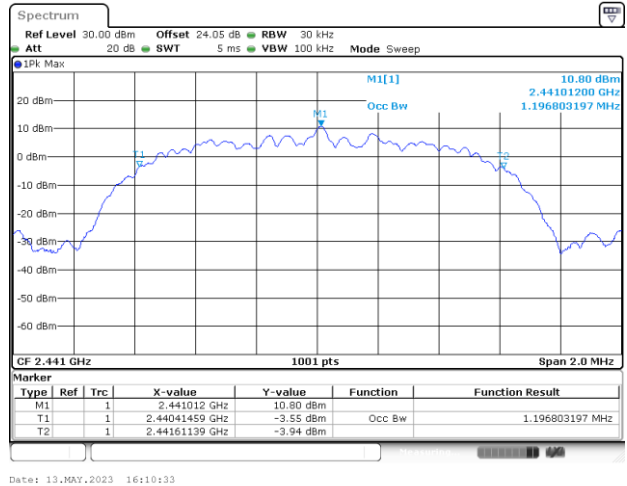
99% Occupied Bandwidth

< HR 2Mbps >

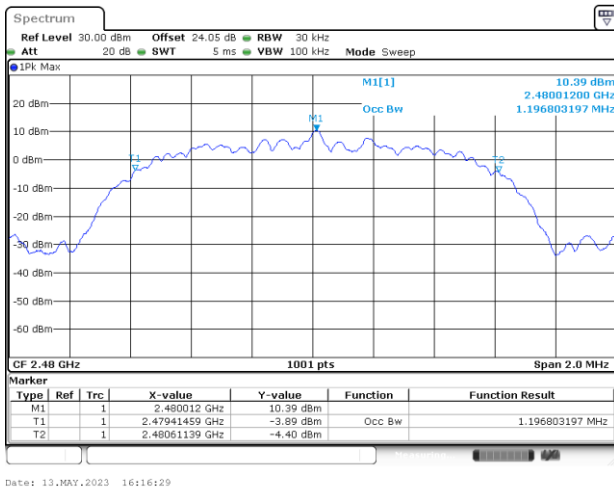
99% Occupied Bandwidth on Channel 00



99% Occupied Bandwidth on Channel 39



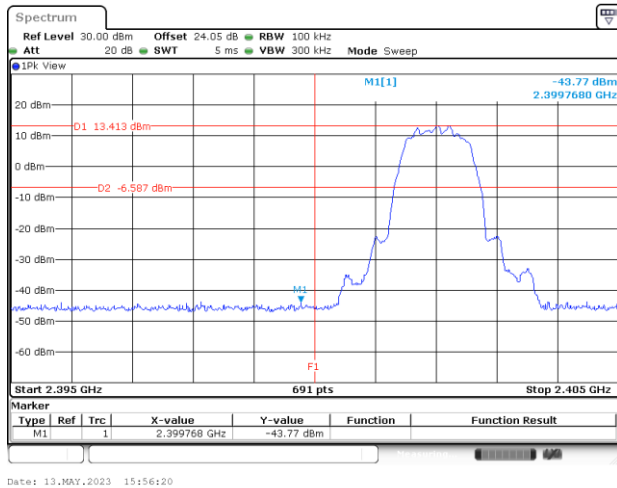
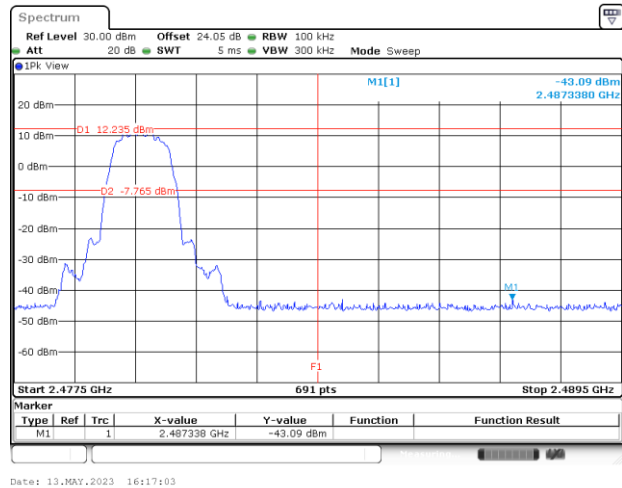
99% Occupied Bandwidth on Channel 78



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

**Band Edges**

< HR 2Mbps >

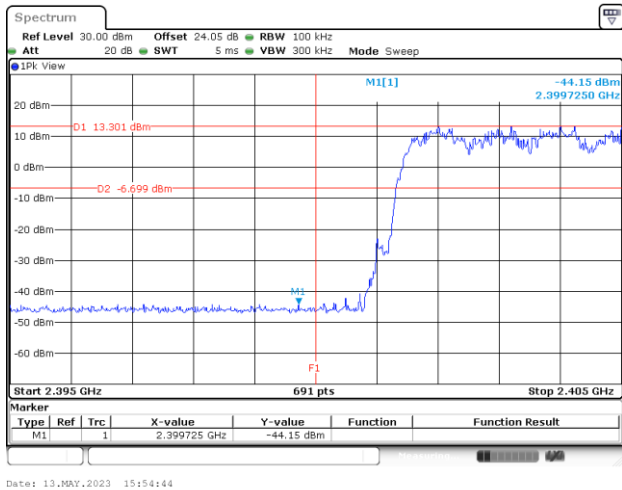
Low Band Edge Plot on Channel 00**High Band Edge Plot on Channel 78**



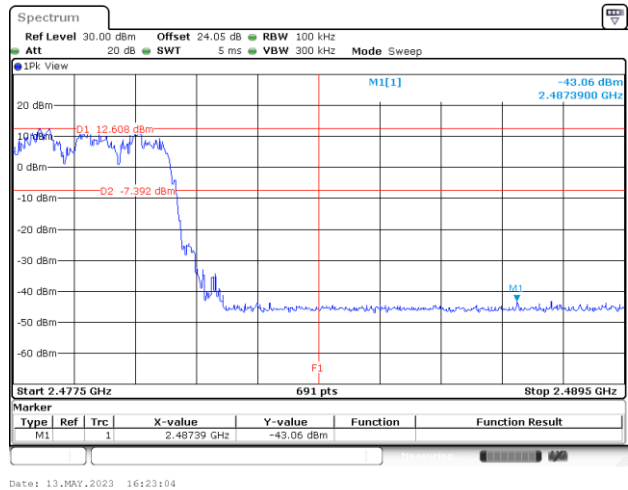
Hopping Mode Band Edges

< HR 2Mbps >

Hopping Mode Low Band Edge Plot



Hopping Mode High Band Edge Plot

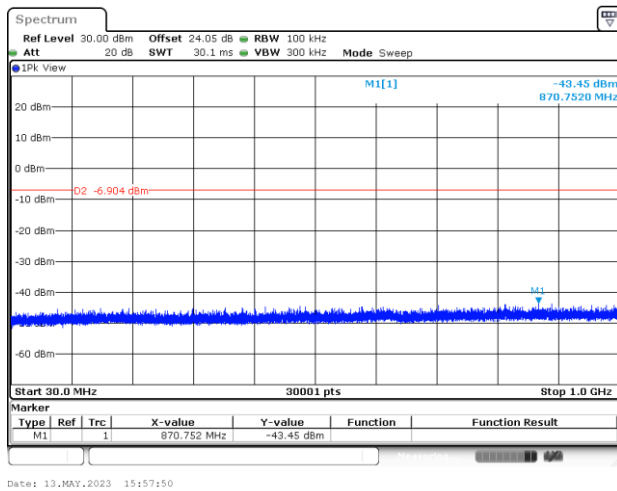




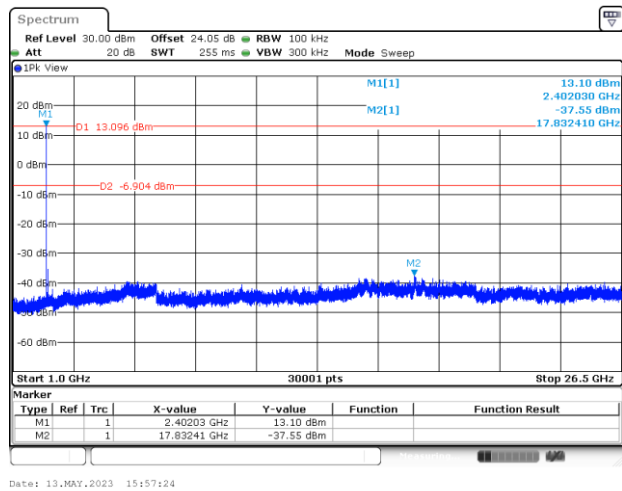
Spurious Emission

< HR 2Mbps >

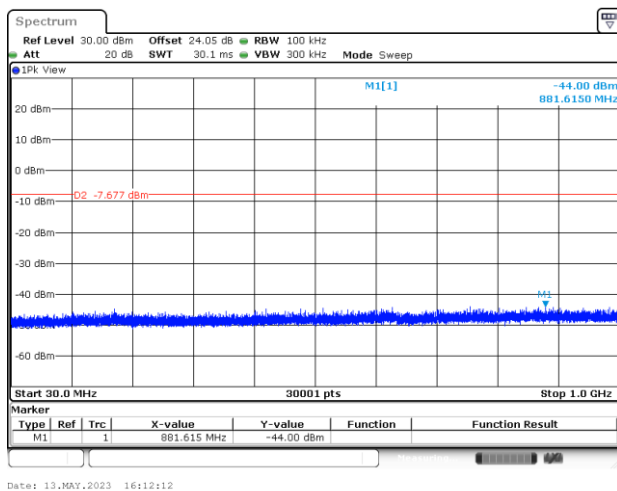
CSE Plot on Ch 00 between 30MHz ~ 1 GHz



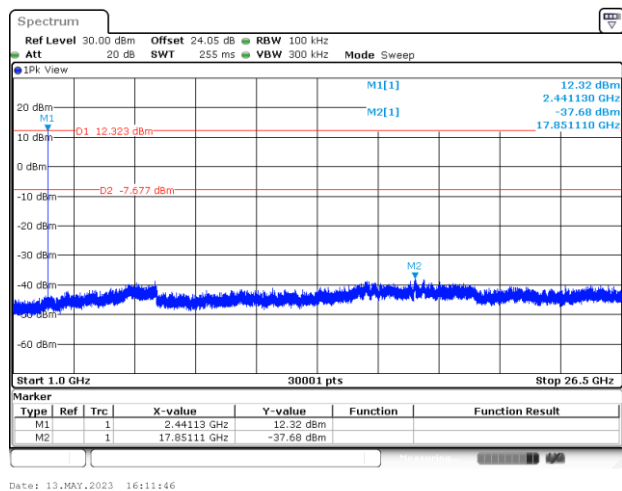
CSE Plot on Ch 00 between 1 GHz ~ 26.5 GHz



CSE Plot on Ch 39 between 30MHz ~ 1 GHz

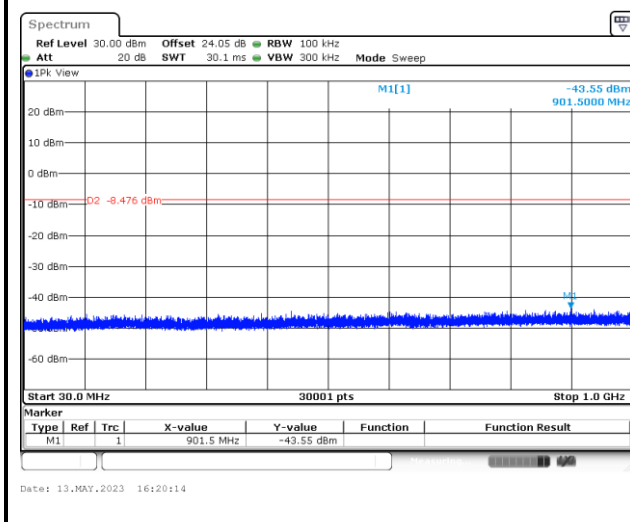


CSE Plot on Ch 39 between 1 GHz ~ 26.5 GHz

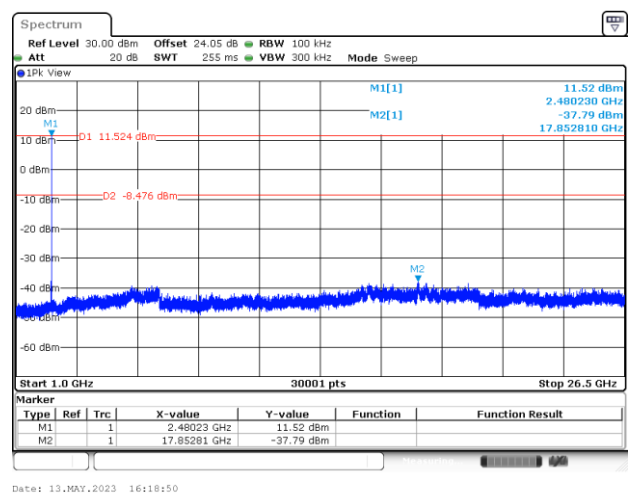




CSE Plot on Ch 78 between 30MHz ~ 1 GHz



CSE Plot on Ch 78 between 1 GHz ~ 26.5 GHz





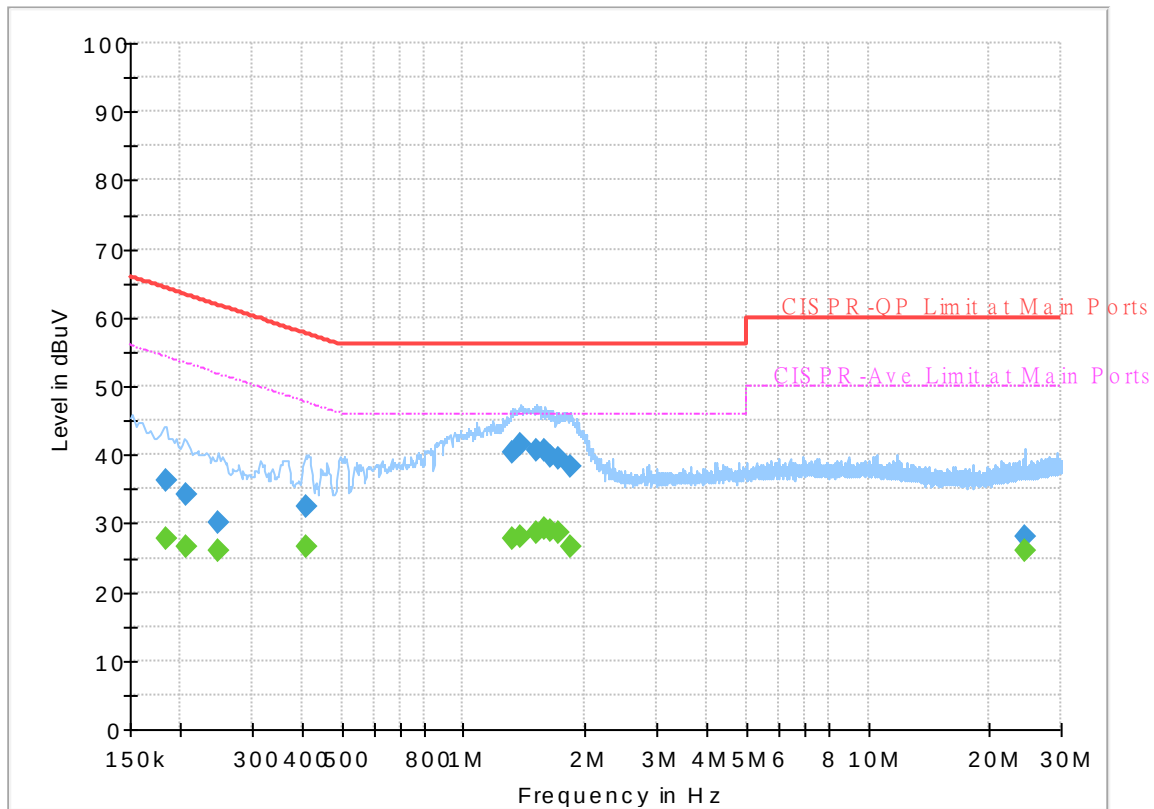
Appendix B. AC Conducted Emission Test Results

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

EUT Information

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

Full Spectrum



Final Result

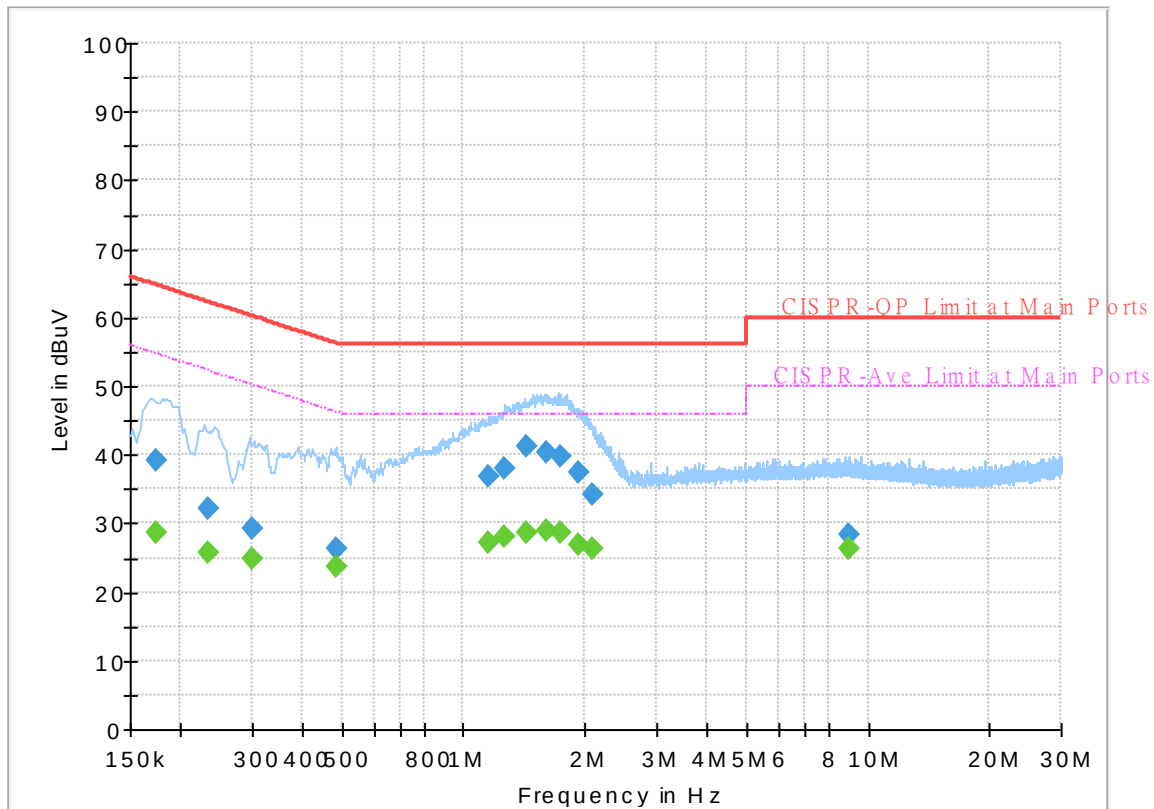
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.183750	---	27.76	54.31	26.55	L1	OFF	19.9
0.183750	36.24	---	64.31	28.07	L1	OFF	19.9
0.206250	---	26.60	53.36	26.76	L1	OFF	19.9
0.206250	34.10	---	63.36	29.26	L1	OFF	19.9
0.249000	---	26.01	51.79	25.78	L1	OFF	19.9
0.249000	30.25	---	61.79	31.54	L1	OFF	19.9
0.408750	---	26.52	47.67	21.15	L1	OFF	19.9
0.408750	32.31	---	57.67	25.36	L1	OFF	19.9
1.324500	---	27.77	46.00	18.23	L1	OFF	19.9
1.324500	40.28	---	56.00	15.72	L1	OFF	19.9
1.387500	---	28.00	46.00	18.00	L1	OFF	19.9
1.387500	41.62	---	56.00	14.38	L1	OFF	19.9
1.511250	---	28.76	46.00	17.24	L1	OFF	19.9
1.511250	40.71	---	56.00	15.29	L1	OFF	19.9
1.594500	---	29.33	46.00	16.67	L1	OFF	19.9
1.594500	40.55	---	56.00	15.45	L1	OFF	19.9
1.641750	---	29.08	46.00	16.92	L1	OFF	19.9
1.641750	39.79	---	56.00	16.21	L1	OFF	19.9
1.716000	---	28.59	46.00	17.41	L1	OFF	19.9
1.716000	39.47	---	56.00	16.53	L1	OFF	19.9
1.833000	---	26.60	46.00	19.40	L1	OFF	19.9

1.833000	38.41	---	56.00	17.59	L1	OFF	19.9
24.319500	---	26.12	50.00	23.88	L1	OFF	20.6
24.319500	27.99	---	60.00	32.01	L1	OFF	20.6

EUT Information

Report NO :
 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)
0.174750	---	28.76	54.73	25.97	N	OFF	19.9
0.174750	39.20	---	64.73	25.53	N	OFF	19.9
0.233250	---	25.83	52.33	26.50	N	OFF	19.9
0.233250	32.18	---	62.33	30.15	N	OFF	19.9
0.300750	---	24.97	50.22	25.25	N	OFF	19.9
0.300750	29.13	---	60.22	31.09	N	OFF	19.9
0.483180	---	23.71	46.28	22.57	N	OFF	19.9
0.483180	26.26	---	56.28	30.02	N	OFF	19.9
1.155750	---	27.17	46.00	18.83	N	OFF	19.9
1.155750	36.97	---	56.00	19.03	N	OFF	19.9
1.261770	---	28.00	46.00	18.00	N	OFF	19.9
1.261770	38.13	---	56.00	17.87	N	OFF	19.9
1.428990	---	28.80	46.00	17.20	N	OFF	19.9
1.428990	41.27	---	56.00	14.73	N	OFF	19.9
1.599090	---	28.83	46.00	17.17	N	OFF	19.9
1.599090	40.44	---	56.00	15.56	N	OFF	19.9
1.744800	---	28.65	46.00	17.35	N	OFF	19.9
1.744800	39.71	---	56.00	16.29	N	OFF	19.9
1.931640	---	26.95	46.00	19.05	N	OFF	19.9
1.931640	37.52	---	56.00	18.48	N	OFF	19.9
2.096250	---	26.24	46.00	19.76	N	OFF	19.9

2.096250	34.08	---	56.00	21.92	N	OFF	19.9
8.922750	---	26.20	50.00	23.80	N	OFF	20.2
8.922750	28.29	---	60.00	31.71	N	OFF	20.2



Appendix C. Radiated Spurious Emission

Test Engineer :	Hao Qun , Gary Guo and Steven Wu	Temperature :	20~25°C
		Relative Humidity :	50~65%

<BR+EDR Ant. 3>

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 CH00 2402MHz		2324.7	54.41	-19.59	74	40.53	27.15	17.22	30.49	279	24	P	H
		2324.7	29.65	-24.35	54	-	-	-	-	-	-	A	H
	*	2402	110.65	-	-	96.33	27.4	17.38	30.46	279	24	P	H
	*	2402	85.89	-	-	-	-	-	-	-	-	A	H
													H
													H
		2326.38	54.11	-19.89	74	40.23	27.14	17.23	30.49	157	85	P	V
		2326.38	29.35	-24.65	54	-	-	-	-	-	-	A	V
	*	2402	111.9	-	-	97.58	27.4	17.38	30.46	157	85	P	V
	*	2402	87.14	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2383.22	53.9	-20.1	74	39.7	27.33	17.34	30.47	303	29	P	H
		2383.22	29.14	-24.86	54	-	-	-	-	-	-	A	H
	*	2441	112.29	-	-	97.7	27.6	17.44	30.45	303	29	P	H
	*	2441	87.53	-	-	-	-	-	-	-	-	A	H
		2488.73	54.88	-19.12	74	40.01	27.79	17.51	30.43	303	29	P	H
		2488.73	30.12	-23.88	54	-	-	-	-	-	-	A	H
		2352.98	53.18	-20.82	74	39.18	27.2	17.28	30.48	212	84	P	V
		2352.98	28.42	-25.58	54	-	-	-	-	-	-	A	V
	*	2441	113.69	-	-	99.1	27.6	17.44	30.45	212	84	P	V
	*	2441	88.93	-	-	-	-	-	-	-	-	A	V
		2493.21	55.07	-18.93	74	40.18	27.8	17.52	30.43	212	84	P	V
		2493.21	30.31	-23.69	54	-	-	-	-	-	-	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 78 2480MHz	*	2480	113.38	-	-	98.62	27.7	17.5	30.44	292	26	P	H
	*	2480	88.62	-	-	-	-	-	-	-	-	A	H
		2485.08	55.72	-18.28	74	40.89	27.75	17.51	30.43	292	26	P	H
		2485.08	30.96	-23.04	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	113.69	-	-	98.93	27.7	17.5	30.44	239	86	P	V
	*	2480	88.93	-	-	-	-	-	-	-	-	A	V
		2485.56	55.91	-18.09	74	41.07	27.76	17.51	30.43	239	86	P	V
		2485.56	31.15	-22.85	54	-	-	-	-	-	-	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 00 2402MHz		4804	43.76	-30.24	74	66.79	32.32	11.3	66.65	257	121	P	H
		4804	19	-35	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	40.27	-33.73	74	63.3	32.32	11.3	66.65	-	-	P	V
		4804	15.51	-38.49	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	44.86	-29.14	74	67.42	32.66	11.36	66.58	100	126	P	H
		4882	20.1	-33.9	54	-	-	-	-	-	-	A	H
		7323	43.99	-30.01	74	59.99	36.85	13.48	66.33	-	-	P	H
		7323	19.23	-34.77	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	44.6	-29.4	74	67.16	32.66	11.36	66.58	396	81	P	V
		4882	19.84	-34.16	54	-	-	-	-	-	-	A	V
		7323	49.27	-24.73	74	65.27	36.85	13.48	66.33	320	184	P	V
		7323	24.51	-29.49	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Line (dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
BT CH 78 2480MHz		4960	41.31	-32.69	74	63.53	32.88	11.41	66.51	-	-	P	H
		4960	16.55	-37.45	54	-	-	-	-	-	-	A	H
		7440	43.36	-30.64	74	59.81	36.44	13.49	66.38	-	-	P	H
		7440	18.6	-35.4	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	40.09	-33.91	74	62.31	32.88	11.41	66.51	-	-	P	V
		4960	15.33	-38.67	54	-	-	-	-	-	-	A	V
		7440	42.87	-31.13	74	59.32	36.44	13.49	66.38	-	-	P	V
		7440	18.11	-35.89	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



<BR+EDR Ant.4>

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 CH00 2402MHz		2368.695	54.27	-19.73	74	40.23	27.2	17.31	30.47	100	142	P	H
		2368.695	29.51	-24.49	54	-	-	-	-	-	-	A	H
	*	2402	108.68	-	-	94.36	27.4	17.38	30.46	100	142	P	H
	*	2402	83.92	-	-	-	-	-	-	-	-	A	H
													H
													H
		2384.235	54.18	-19.82	74	39.96	27.34	17.35	30.47	154	269	P	V
		2384.235	29.42	-24.58	54	-	-	-	-	-	-	A	V
	*	2402	115.84	-	-	101.52	27.4	17.38	30.46	154	269	P	V
	*	2402	91.08	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2387.56	54.6	-19.4	74	40.34	27.38	17.35	30.47	118	141	P	H
		2387.56	29.84	-24.16	54	-	-	-	-	-	-	A	H
	*	2441	107.33	-	-	92.74	27.6	17.44	30.45	118	141	P	H
	*	2441	82.57	-	-	-	-	-	-	-	-	A	H
		2491.67	55.48	-18.52	74	40.59	27.8	17.52	30.43	118	141	P	H
		2491.67	30.72	-23.28	54	-	-	-	-	-	-	A	H
		2381.26	54.16	-19.84	74	39.98	27.31	17.34	30.47	100	249	P	V
		2381.26	29.4	-24.6	54	-	-	-	-	-	-	A	V
	*	2441	113.59	-	-	99	27.6	17.44	30.45	100	249	P	V
	*	2441	88.83	-	-	-	-	-	-	-	-	A	V
		2495.45	55.16	-18.84	74	40.27	27.8	17.52	30.43	100	249	P	V
		2495.45	30.4	-23.6	54	-	-	-	-	-	-	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 78 2480MHz	*	2480	108.2	-	-	93.44	27.7	17.5	30.44	112	139	P	H
	*	2480	83.44	-	-	-	-	-	-	-	-	A	H
		2489.8	55	-19	74	40.12	27.8	17.51	30.43	112	139	P	H
		2489.8	30.24	-23.76	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	114.87	-	-	100.11	27.7	17.5	30.44	112	258	P	V
	*	2480	90.11	-	-	-	-	-	-	-	-	A	V
		2483.72	55.46	-18.54	74	40.65	27.74	17.51	30.44	112	258	P	V
		2483.72	30.7	-23.3	54	-	-	-	-	-	-	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 00 2402MHz		4804	44.07	-29.93	74	67.1	32.32	11.3	66.65	225	125	P	H
		4804	19.31	-34.69	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	43.3	-30.7	74	66.33	32.32	11.3	66.65	100	91	P	V
		4804	18.54	-35.46	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	41.07	-32.93	74	63.63	32.66	11.36	66.58	-	-	P	H
		4882	16.31	-37.69	54	-	-	-	-	-	-	A	H
		7323	45.53	-28.47	74	61.53	36.85	13.48	66.33	-	-	P	H
		7323	20.77	-33.23	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	40.48	-33.52	74	63.04	32.66	11.36	66.58	-	-	P	V
		4882	15.72	-38.28	54	-	-	-	-	-	-	A	V
		7323	44.4	-29.6	74	60.4	36.85	13.48	66.33	-	-	P	V
		7323	19.64	-34.36	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 78 2480MHz		4960	41.74	-32.26	74	63.96	32.88	11.41	66.51	-	-	P	H
		4960	16.98	-37.02	54	-	-	-	-	-	-	A	H
		7440	43.75	-30.25	74	60.2	36.44	13.49	66.38	-	-	P	H
		7440	18.99	-35.01	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	40.58	-33.42	74	62.8	32.88	11.41	66.51	-	-	P	V
		4960	15.82	-38.18	54	-	-	-	-	-	-	A	V
		7440	43.94	-30.06	74	60.39	36.44	13.49	66.38	-	-	P	V
		7440	19.18	-34.82	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



<HR 2Mbps Ant. 3>

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 CH00 2402MHz		2338.035	53.76	-20.24	74	39.81	27.18	17.25	30.48	281	22	P	H
		2338.035	29.09	-24.91	54	-	-		-	-	-	A	H
	*	2402	112.84	-	-	98.52	27.4	17.38	30.46	281	22	P	H
	*	2402	88.17	-	-	-	-		-	-	-	A	H
													H
													H
		2316.09	54.18	-19.82	74	40.27	27.2	17.2	30.49	216	96	P	V
		2316.09	29.51	-24.49	54	-	-		-	-	-	A	V
	*	2402	113.56	-	-	99.24	27.4	17.38	30.46	216	96	P	V
	*	2402	88.89	-	-	-	-		-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2313.92	54.03	-19.97	74	40.12	27.2	17.2	30.49	274	24	P	H
		2313.92	29.36	-24.64	54	-	-	-	-	-	-	A	H
	*	2441	114.71	-	-	100.12	27.6	17.44	30.45	274	24	P	H
	*	2441	90.04	-	-	-	-	-	-	-	-	A	H
		2491.81	55.01	-18.99	74	40.12	27.8	17.52	30.43	274	24	P	H
		2491.81	30.34	-23.66	54	-	-	-	-	-	-	A	H
		2362.5	53.56	-20.44	74	39.53	27.2	17.3	30.47	211	73	P	V
		2362.5	28.89	-25.11	54	-	-	-	-	-	-	A	V
	*	2441	115.31	-	-	100.72	27.6	17.44	30.45	211	73	P	V
	*	2441	90.64	-	-	-	-	-	-	-	-	A	V
		2490.62	55.52	-18.48	74	40.63	27.8	17.52	30.43	211	73	P	V
		2490.62	30.85	-23.15	54	-	-	-	-	-	-	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 78 2480MHz	*	2480	114.58	-	-	99.82	27.7	17.5	30.44	291	23	P	H
	*	2480	89.91	-	-	-	-	-	-	-	-	A	H
		2483.6	54.72	-19.28	74	39.91	27.74	17.51	30.44	291	23	P	H
		2483.6	30.05	-23.95	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	114.29	-	-	99.53	27.7	17.5	30.44	175	70	P	V
	*	2480	89.62	-	-	-	-	-	-	-	-	A	V
		2484	55.78	-18.22	74	40.97	27.74	17.51	30.44	175	70	P	V
		2484	31.11	-22.89	54	-	-	-	-	-	-	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 00 2402MHz		4804	44.21	-29.79	74	67.24	32.32	11.3	66.65	262	121	P	H
		4804	19.45	-34.55	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	44.07	-29.93	74	67.1	32.32	11.3	66.65	400	77	P	V
		4804	19.31	-34.69	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	45.66	-28.34	74	68.22	32.66	11.36	66.58	262	122	P	H
		4882	20.99	-33.01	54	-	-	-	-	-	-	A	H
		7323	44.04	-29.96	74	60.04	36.85	13.48	66.33	-	-	P	H
		7323	19.37	-34.63	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	44.04	-29.96	74	66.6	32.66	11.36	66.58	400	85	P	V
		4882	19.37	-34.63	54	-	-	-	-	-	-	A	V
		7323	43.69	-30.31	74	59.69	36.85	13.48	66.33	-	-	P	V
		7323	19.02	-34.98	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
BT CH 78 2480MHz		4960	45.53	-28.47	74	67.75	32.88	11.41	66.51	254	122	P	H	
		4960	20.86	-33.14	54	-	-	-	-	-	-	A	H	
		7440	44.18	-29.82	74	60.63	36.44	13.49	66.38	-	-	P	H	
		7440	19.51	-34.49	54	-	-	-	-	-	-	A	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
		4960	44.3	-29.7	74	66.52	32.88	11.41	66.51	339	94	P	V	
		4960	19.63	-34.37	54	-	-	-	-	-	-	-	A	V
		7440	43.59	-30.41	74	60.04	36.44	13.49	66.38	-	-	-	P	V
		7440	18.92	-35.08	54	-	-	-	-	-	-	-	A	V
														V
														V
														V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													



<HR 2Mbps Ant. 4>

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 CH00 2402MHz		2388.435	54.61	-19.39	74	40.34	27.38	17.36	30.47	100	143	P	H
		2388.435	29.94	-24.06	54	-	-	-	-	-	-	A	H
	*	2402	110.15	-	-	95.83	27.4	17.38	30.46	100	143	P	H
	*	2402	85.48	-	-	-	-	-	-	-	-	A	H
													H
													H
		2321.445	53.89	-20.11	74	39.97	27.19	17.22	30.49	152	264	P	V
		2321.445	29.22	-24.78	54	-	-	-	-	-	-	A	V
	*	2402	117.15	-	-	102.83	27.4	17.38	30.46	152	264	P	V
	*	2402	92.48	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2335.62	53.83	-20.17	74	39.91	27.16	17.24	30.48	118	141	P	H
		2335.62	29.16	-24.84	54	-	-	-	-	-	-	A	H
	*	2441	108.93	-	-	94.34	27.6	17.44	30.45	118	141	P	H
	*	2441	84.26	-	-	-	-	-	-	-	-	A	H
		2497.27	54.63	-19.37	74	39.73	27.8	17.53	30.43	118	141	P	H
		2497.27	29.96	-24.04	54	-	-	-	-	-	-	A	H
		2373.28	54.29	-19.71	74	40.21	27.23	17.32	30.47	100	267	P	V
		2373.28	29.62	-24.38	54	-	-	-	-	-	-	A	V
	*	2441	114.9	-	-	100.31	27.6	17.44	30.45	100	267	P	V
	*	2441	90.23	-	-	-	-	-	-	-	-	A	V
		2486.42	54.87	-19.13	74	40.03	27.76	17.51	30.43	100	267	P	V
		2486.42	30.2	-23.8	54	-	-	-	-	-	-	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 78 2480MHz	*	2480	110.27	-	-	95.51	27.7	17.5	30.44	110	139	P	H
	*	2480	85.6	-	-	-	-	-	-	-	-	A	H
		2484.52	55.34	-18.66	74	40.51	27.75	17.51	30.43	110	139	P	H
		2484.52	30.67	-23.33	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	116.56	-	-	101.8	27.7	17.5	30.44	112	268	P	V
	*	2480	91.89	-	-	-	-	-	-	-	-	A	V
		2491.96	55.78	-18.22	74	40.89	27.8	17.52	30.43	112	268	P	V
		2491.96	31.11	-22.89	54	-	-	-	-	-	-	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 00 2402MHz		4804	44.59	-29.41	74	67.62	32.32	11.3	66.65	212	120	P	H
		4804	19.83	-34.17	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	40.86	-33.14	74	63.89	32.32	11.3	66.65	-	-	P	V
		4804	16.1	-37.9	54	-	-	-	-	-	-	A	V
													V
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													V
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													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	39.61	-34.39	74	62.17	32.66	11.36	66.58	-	-	P	H
		4882	14.85	-39.15	54	-	-	-	-	-	-	A	H
		7323	44.59	-29.41	74	60.59	36.85	13.48	66.33	-	-	P	H
		7323	19.83	-34.17	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	39.36	-34.64	74	61.92	32.66	11.36	66.58	-	-	P	V
		4882	14.6	-39.4	54	-	-	-	-	-	-	A	V
		7323	44.26	-29.74	74	60.26	36.85	13.48	66.33	-	-	P	V
		7323	19.5	-34.5	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



<TXBF BR+EDR Ant. 3+4>

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 CH00 2402MHz		2389.695	54.97	-19.03	74	40.68	27.4	17.36	30.47	239	15	P	H
		2389.695	30.18	-23.82	54	-	-	-	-	-	-	A	H
	*	2402	111.36	-	-	97.04	27.4	17.38	30.46	239	15	P	H
	*	2402	86.57	-	-	-	-	-	-	-	-	A	H
													H
													H
		2316.72	53.92	-20.08	74	40	27.2	17.21	30.49	123	239	P	V
		2316.72	29.13	-24.87	54	-	-	-	-	-	-	A	V
	*	2402	114.97	-	-	100.65	27.4	17.38	30.46	123	239	P	V
	*	2402	90.18	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2316.44	54.1	-19.9	74	40.19	27.2	17.2	30.49	157	143	P	H
		2316.44	29.31	-24.69	54	-	-	-	-	-	-	A	H
	*	2441	111.55	-	-	96.96	27.6	17.44	30.45	157	143	P	H
	*	2441	86.76	-	-	-	-	-	-	-	-	A	H
		2493.7	54.66	-19.34	74	39.77	27.8	17.52	30.43	157	143	P	H
		2493.7	29.87	-24.13	54	-	-	-	-	-	-	A	H
		2381.96	54.15	-19.85	74	39.96	27.32	17.34	30.47	100	239	P	V
		2381.96	29.36	-24.64	54	-	-	-	-	-	-	A	V
	*	2441	114.9	-	-	100.31	27.6	17.44	30.45	100	239	P	V
	*	2441	90.11	-	-	-	-	-	-	-	-	A	V
		2485.3	54.89	-19.11	74	40.06	27.75	17.51	30.43	100	239	P	V
		2485.3	30.1	-23.9	54	-	-	-	-	-	-	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 78 2480MHz	*	2480	112.17	-	-	97.41	27.7	17.5	30.44	293	142	P	H
	*	2480	87.38	-	-	-	-	-	-	-	-	A	H
		2489.84	54.9	-19.1	74	40.02	27.8	17.51	30.43	293	142	P	H
		2489.84	30.11	-23.89	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	113.32	-	-	98.56	27.7	17.5	30.44	127	76	P	V
	*	2480	88.53	-	-	-	-	-	-	-	-	A	V
		2493	55.13	-18.87	74	40.24	27.8	17.52	30.43	127	76	P	V
		2493	30.34	-23.66	54	-	-	-	-	-	-	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 00 2402MHz		4804	44.85	-29.15	74	67.88	32.32	11.3	66.65	100	124	P	H
		4804	20.09	-33.91	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	43.74	-30.26	74	66.77	32.32	11.3	66.65	397	82	P	V
		4804	18.98	-35.02	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	45.15	-28.85	74	67.71	32.66	11.36	66.58	100	122	P	H
		4882	20.39	-33.61	54	-	-	-	-	-	-	A	H
		7323	44.18	-29.82	74	60.18	36.85	13.48	66.33	-	-	P	H
		7323	19.42	-34.58	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	43.92	-30.08	74	66.48	32.66	11.36	66.58	400	87	P	V
		4882	19.16	-34.84	54	-	-	-	-	-	-	A	V
		7323	44.21	-29.79	74	60.21	36.85	13.48	66.33	-	-	P	V
		7323	19.45	-34.55	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V

[illegible]



<TXBF HR 2Mbps Ant.3+4>

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 CH00 2402MHz		2379.825	53.83	-20.17	74	39.66	27.3	17.34	30.47	238	146	P	H
		2379.825	29.16	-24.84	54	-	-	-	-	-	-	A	H
	*	2402	110.09	-	-	95.77	27.4	17.38	30.46	238	146	P	H
	*	2402	85.42	-	-	-	-	-	-	-	-	A	H
													H
													H
		2366.595	54.15	-19.85	74	40.11	27.2	17.31	30.47	123	239	P	V
		2366.595	29.48	-24.52	54	-	-	-	-	-	-	A	V
	*	2402	114.36	-	-	100.04	27.4	17.38	30.46	123	239	P	V
	*	2402	89.69	-	-	-	-	-	-	-	-	A	V
													V
													V
BT CH 39 2441MHz		2388.26	54.02	-19.98	74	39.75	27.38	17.36	30.47	237	144	P	H
		2388.26	29.35	-24.65	54	-	-	-	-	-	-	A	H
	*	2441	111.8	-	-	97.21	27.6	17.44	30.45	237	144	P	H
	*	2441	87.13	-	-	-	-	-	-	-	-	A	H
		2490.55	54.68	-19.32	74	39.79	27.8	17.52	30.43	237	144	P	H
		2490.55	30.01	-23.99	54	-	-	-	-	-	-	A	H
		2388.68	53.82	-20.18	74	39.54	27.39	17.36	30.47	100	242	P	V
		2388.68	29.15	-24.85	54	-	-	-	-	-	-	A	V
	*	2441	114.58	-	-	99.99	27.6	17.44	30.45	100	242	P	V
	*	2441	89.91	-	-	-	-	-	-	-	-	A	V
		2493.21	54.48	-19.52	74	39.59	27.8	17.52	30.43	100	242	P	V
		2493.21	29.81	-24.19	54	-	-	-	-	-	-	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 78 2480MHz	*	2480	112.7	-	-	97.94	27.7	17.5	30.44	292	145	P	H
	*	2480	88.03	-	-	-	-	-	-	-	-	A	H
		2483.52	55.26	-18.74	74	40.45	27.74	17.51	30.44	292	145	P	H
		2483.52	30.59	-23.41	54	-	-	-	-	-	-	A	H
													H
													H
	*	2480	113.91	-	-	99.15	27.7	17.5	30.44	127	234	P	V
	*	2480	89.24	-	-	-	-	-	-	-	-	A	V
		2484	55.35	-18.65	74	40.54	27.74	17.51	30.44	127	234	P	V
		2484	30.68	-23.32	54	-	-	-	-	-	-	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 00 2402MHz		4804	42.65	-31.35	74	65.68	32.32	11.3	66.65	-	-	P	H
		4804	17.98	-36.02	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4804	40.95	-33.05	74	63.98	32.32	11.3	66.65	-	-	P	V
		4804	16.28	-37.72	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V



BT	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BT CH 39 2441MHz		4882	40.33	-33.67	74	62.89	32.66	11.36	66.58	-	-	P	H
		4882	15.66	-38.34	54	-	-	-	-	-	-	A	H
		7323	43.99	-30.01	74	59.99	36.85	13.48	66.33	-	-	P	H
		7323	19.32	-34.68	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
		4882	39.64	-34.36	74	62.2	32.66	11.36	66.58	-	-	P	V
		4882	14.97	-39.03	54	-	-	-	-	-	-	A	V
		7323	43.67	-30.33	74	59.67	36.85	13.48	66.33	-	-	P	V
		7323	19	-35	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
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													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 78 2480MHz		4960	39.64	-34.36	74	61.86	32.88	11.41	66.51	-	-	P	H
		4960	14.97	-39.03	54	-	-	-	-	-	-	A	H
		7440	43.51	-30.49	74	59.96	36.44	13.49	66.38	-	-	P	H
		7440	18.84	-35.16	54	-	-	-	-	-	-	A	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		4960	39.56	-34.44	74	61.78	32.88	11.41	66.51	-	-	P	V
		4960	14.89	-39.11	54	-	-	-	-	-	-	A	V
		7440	43.17	-30.83	74	59.62	36.44	13.49	66.38	-	-	P	V
		7440	18.5	-35.5	54	-	-	-	-	-	-	A	V
													V
													V
													V
													V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission below 1GHz

2.4GHz BT (LF)

BT	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz BT LF		40.8	24.98	-15.02	40	37.54	18.98	0.71	32.25	-	-	P	H
		97.77	31.64	-11.86	43.5	46.72	15.65	1.51	32.24	-	-	P	H
		158.79	26.71	-16.79	43.5	40.41	16.66	1.93	32.29	-	-	P	H
		389.6	22.05	-23.95	46	29.93	21.49	3.03	32.4	-	-	P	H
		607.3	27.23	-18.77	46	30.69	25.33	3.83	32.62	-	-	P	H
		897.8	29.99	-16.01	46	28.5	28.57	4.67	31.75	-	-	P	H
													H
													H
													H
													H
													H
													H
		40.8	31.5	-8.5	40	44.06	18.98	0.71	32.25	-	-	P	V
		95.88	24.64	-18.86	43.5	40.07	15.34	1.48	32.25	-	-	P	V
		159.6	30.15	-13.35	43.5	43.92	16.58	1.94	32.29	-	-	P	V
		378.4	22.47	-23.53	46	30.79	21.11	2.98	32.41	-	-	P	V
		641.6	27.84	-18.16	46	30.57	25.96	3.92	32.61	-	-	P	V
		943.3	32.87	-13.13	46	29.44	30.02	4.8	31.39	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

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

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

BT	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

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)

Peak measured complies with the limit line, so test result is “PASS”.



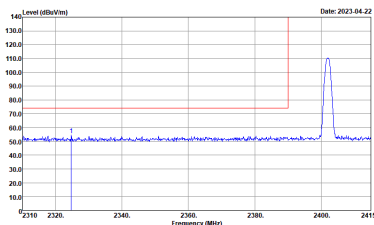
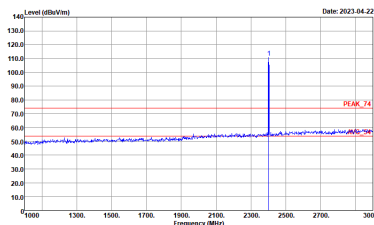
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Hao Qun , Gary Guo and Steven Wu	Temperature :	20~25°C
		Relative Humidity :	50~65%

<BR+EDR Ant. 3>

2.4GHz 2400~2483.5MHz

BT (Band Edge @ 3m)

BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH00 2402MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



BT	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BT CH00 2402MHz	
	Vertical	Fundamental
Peak	Level (dBuV/m) Date: 2023-04-22 Frequency (MHz) Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Level (dBuV/m) Date: 2023-04-22 Frequency (MHz) Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto