



Plot 7-53. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 125kbps, iPA – Ch. 19)

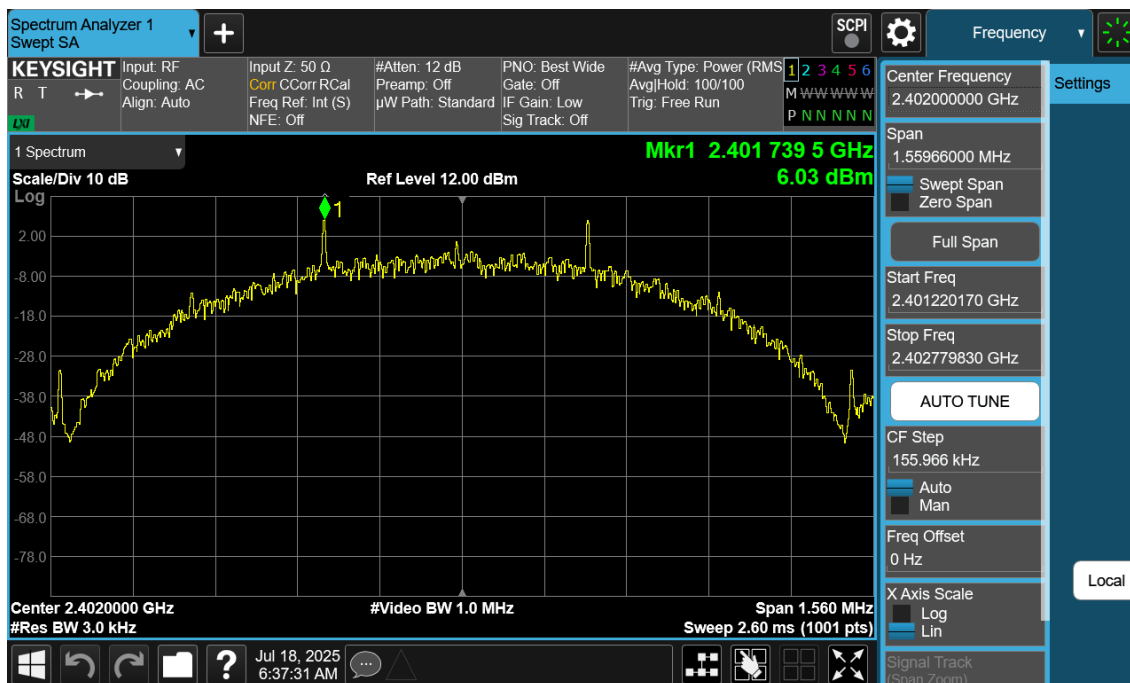


Plot 7-54. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 125kbps, iPA – Ch. 39)

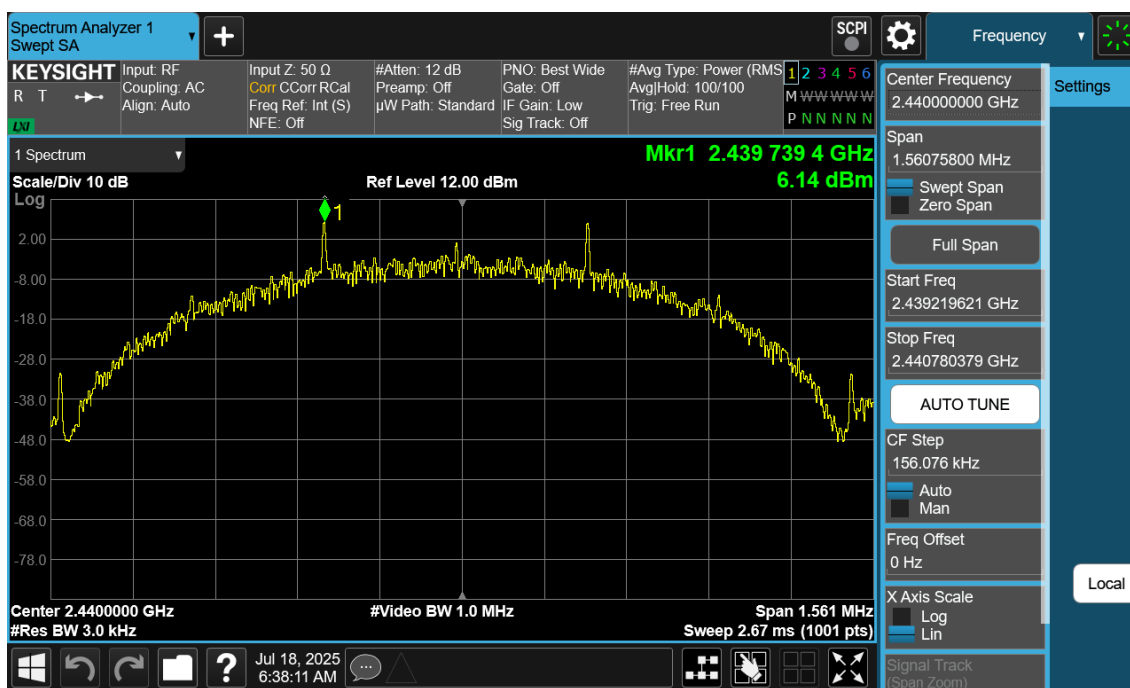
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2504170039-17-R1.BCG	Test Dates: 05/12/2025 - 07/19/2025	EUT Type: Tablet Device	Page 53 of 132

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Plot 7-55. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, ePA – Ch. 0)

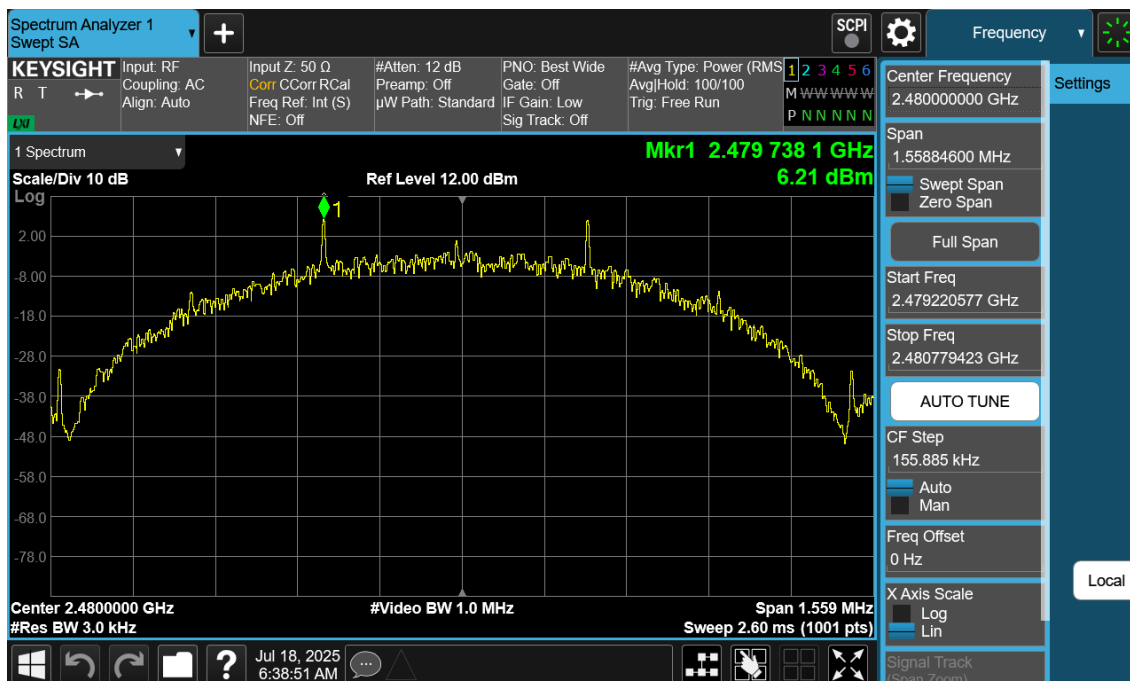


Plot 7-56. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, ePA – Ch. 19)

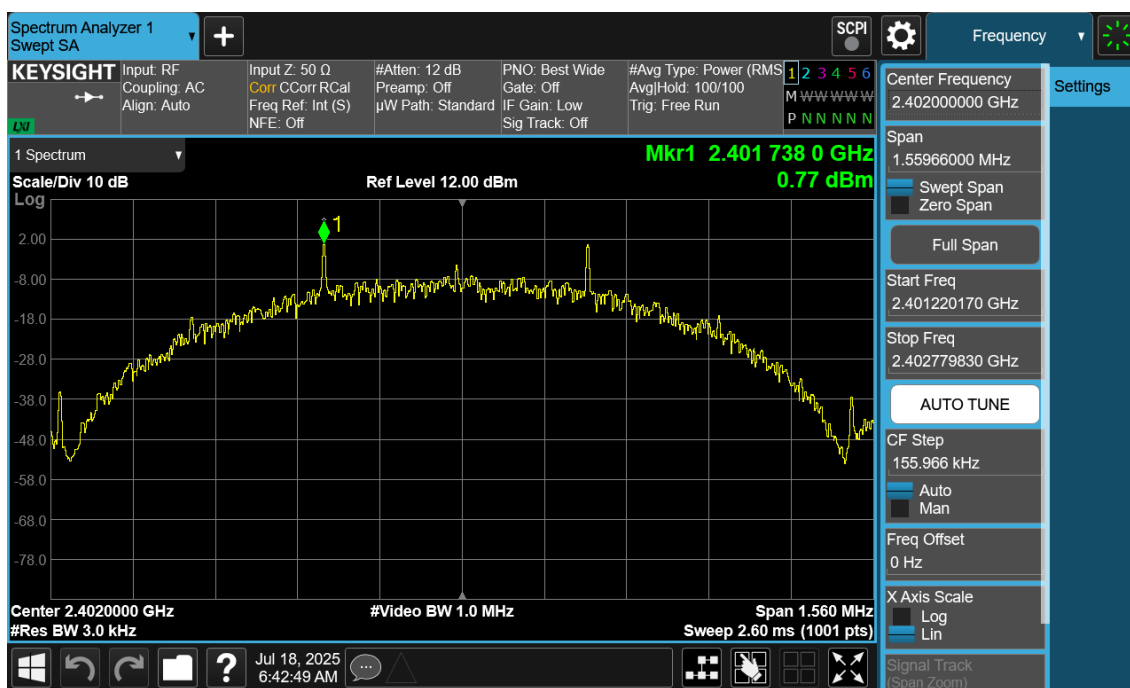
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-57. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, ePA – Ch. 39)

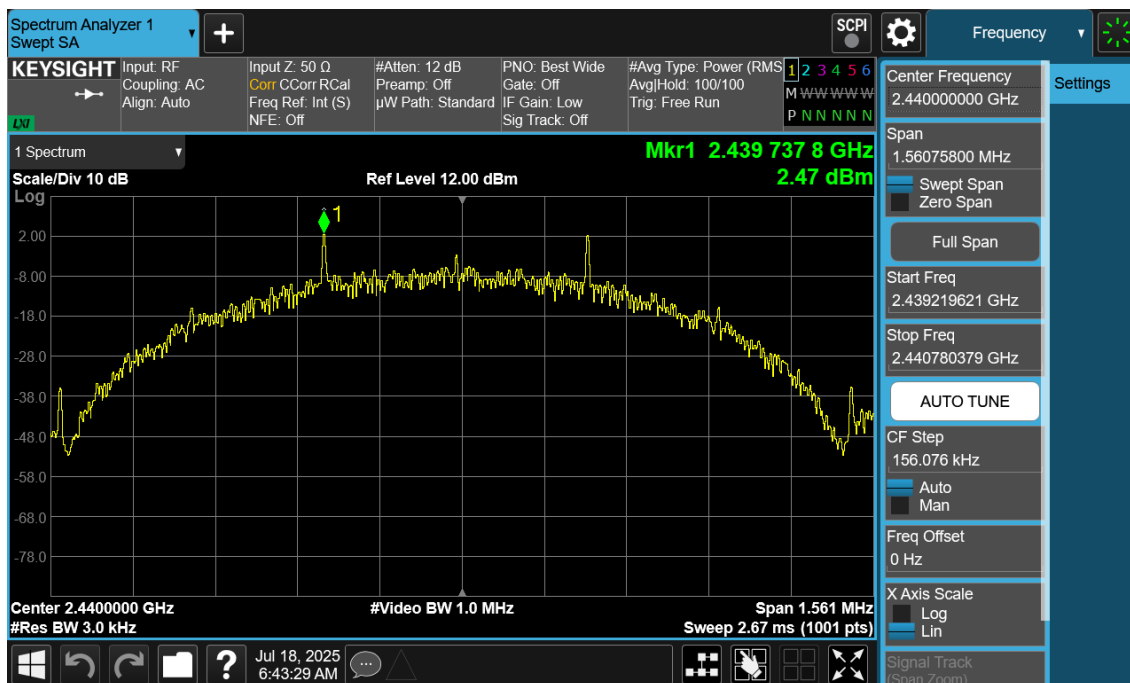


Plot 7-58. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, iPA – Ch. 0)

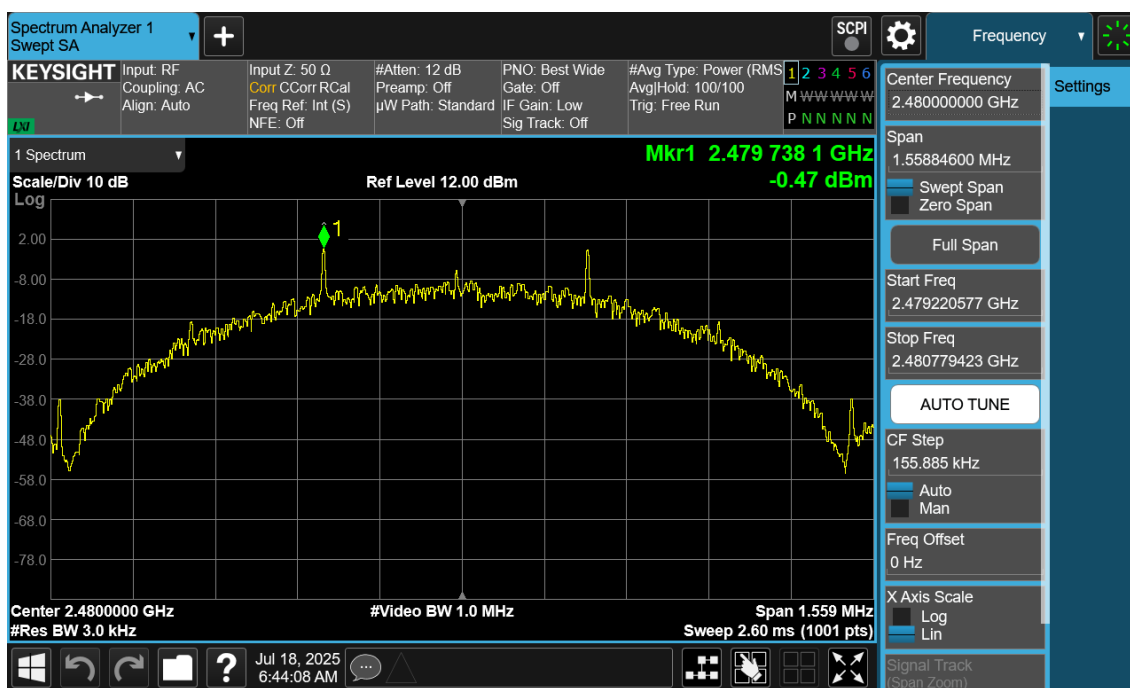
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-59. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, iPA – Ch. 19)

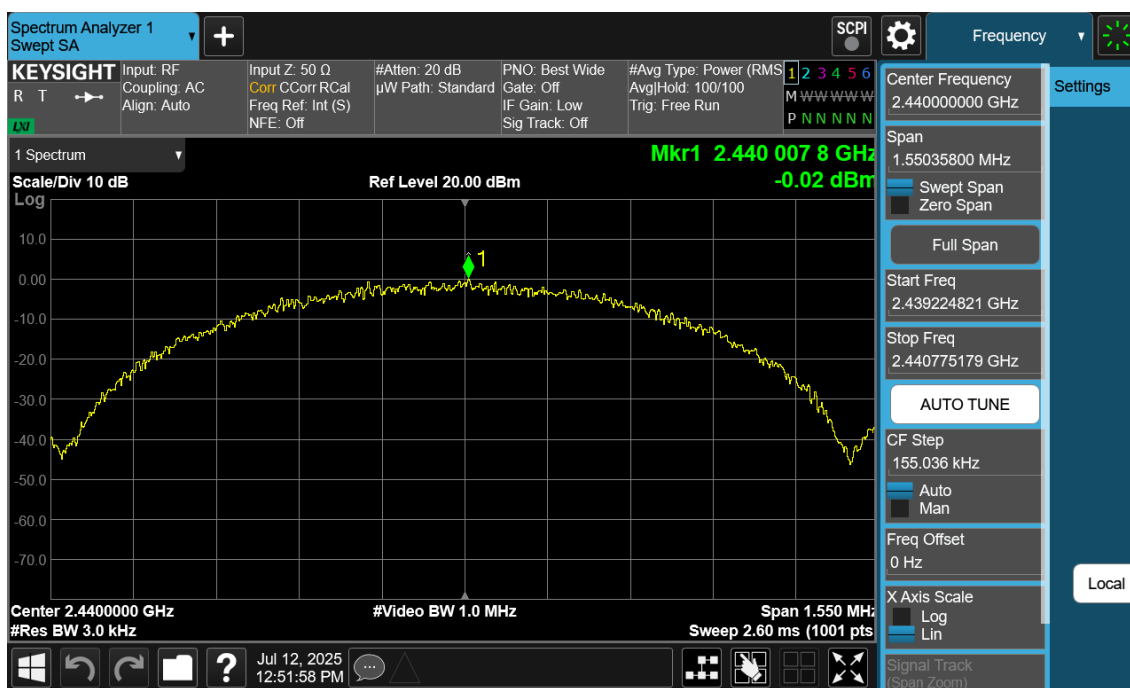


Plot 7-60. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, iPA – Ch. 39)

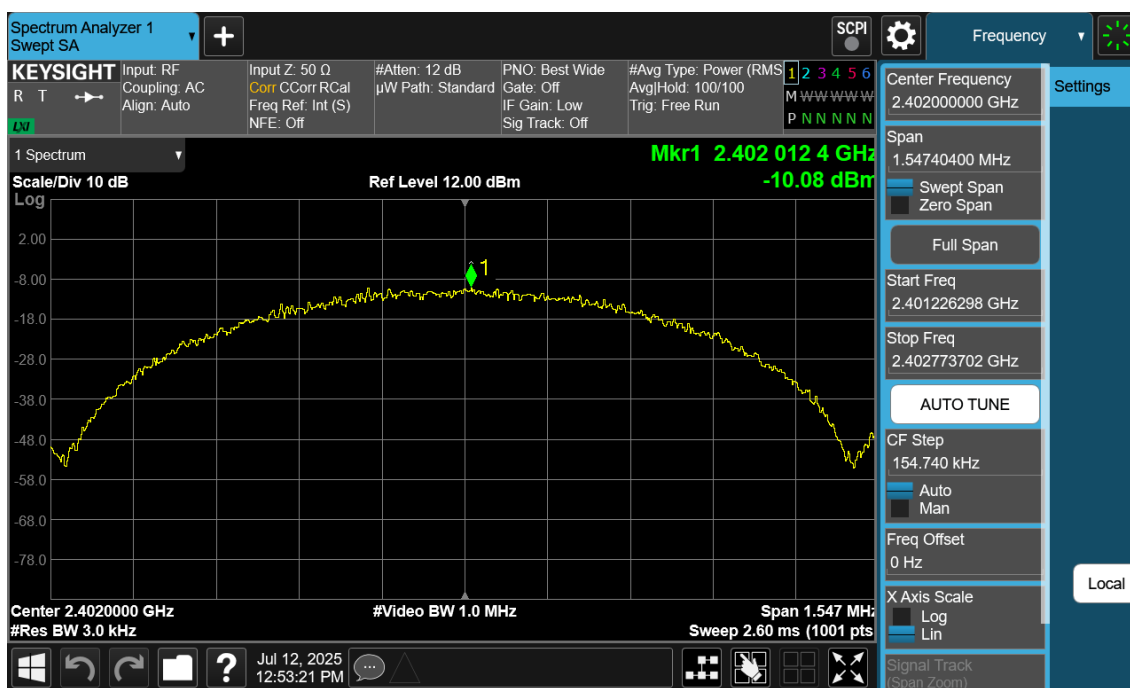
FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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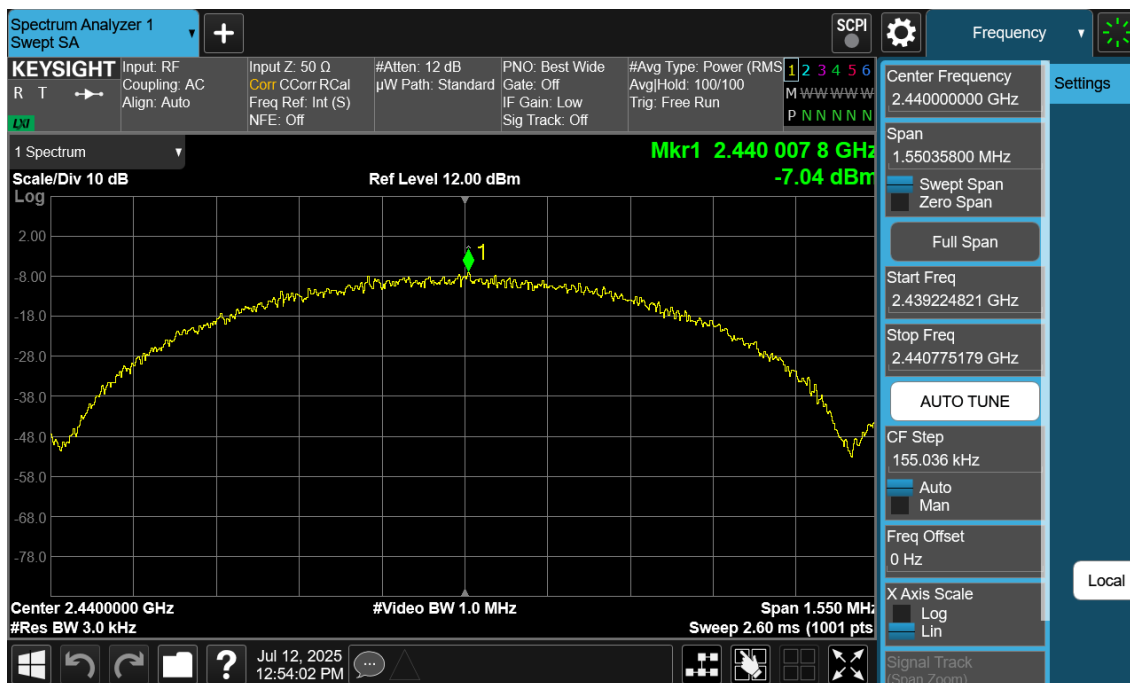
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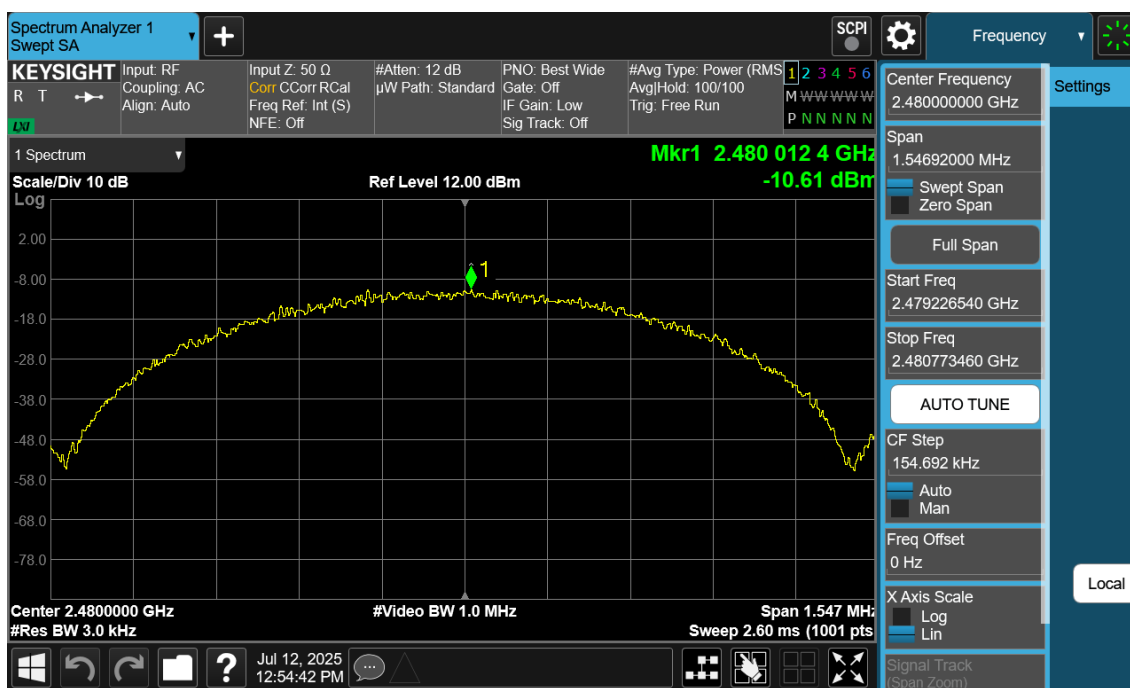
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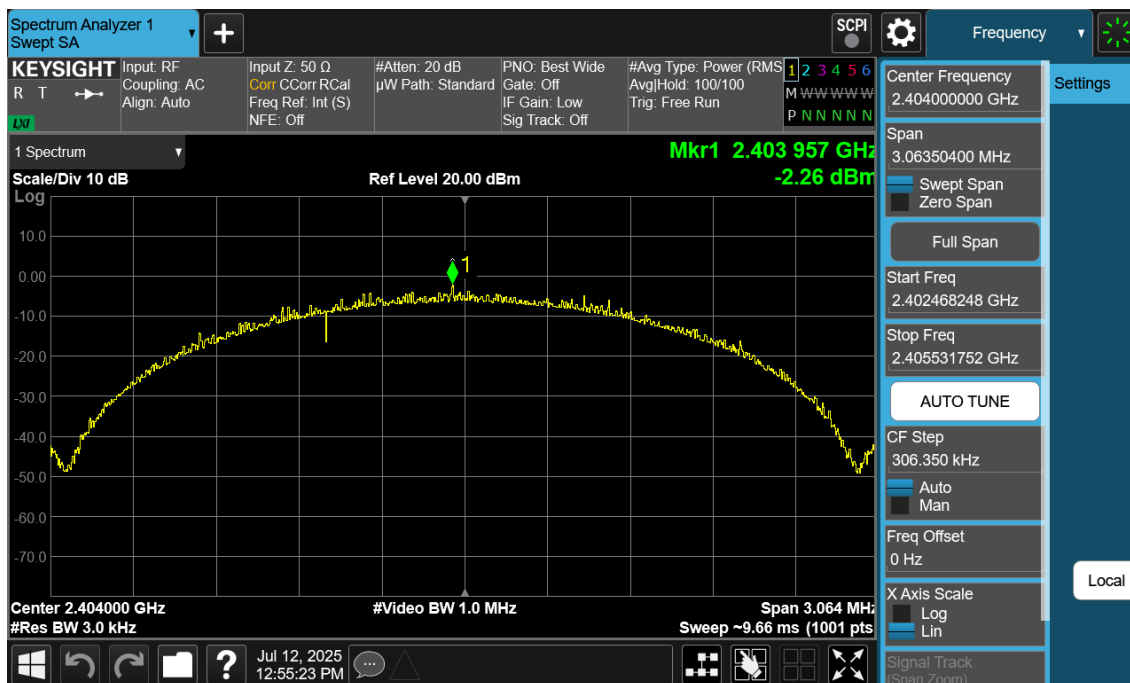


Plot 7-65. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, iPA – Ch. 19)

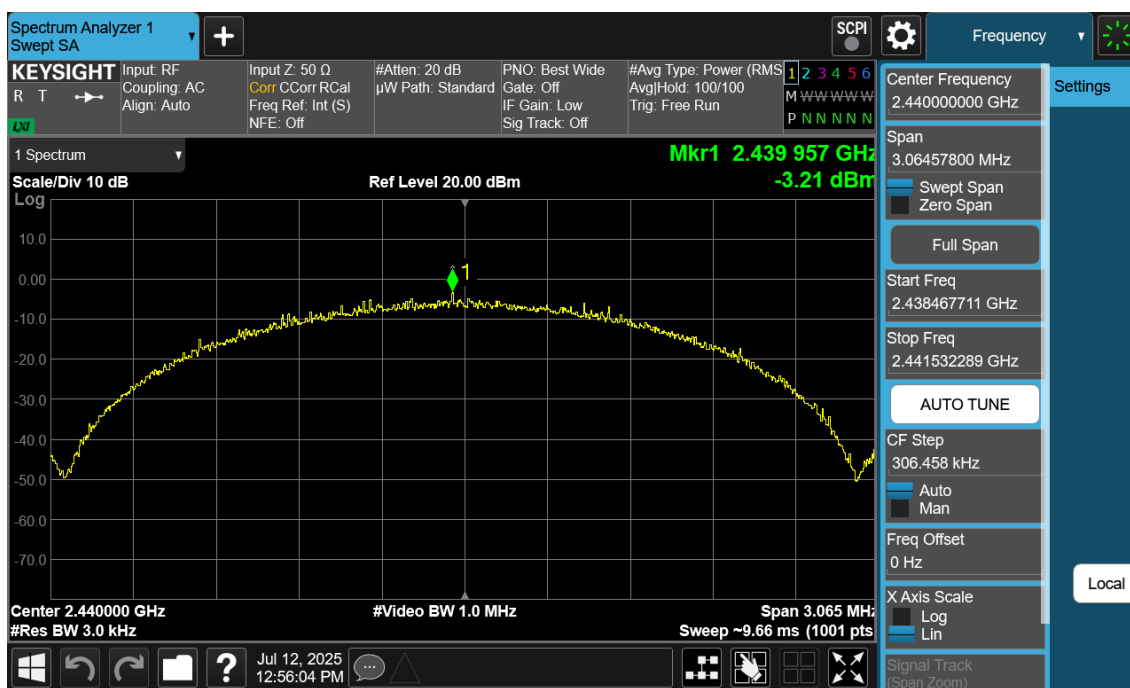


Plot 7-66. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, iPA – Ch. 39)

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Plot 7-67. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 2Mbps, ePA – Ch. 1)

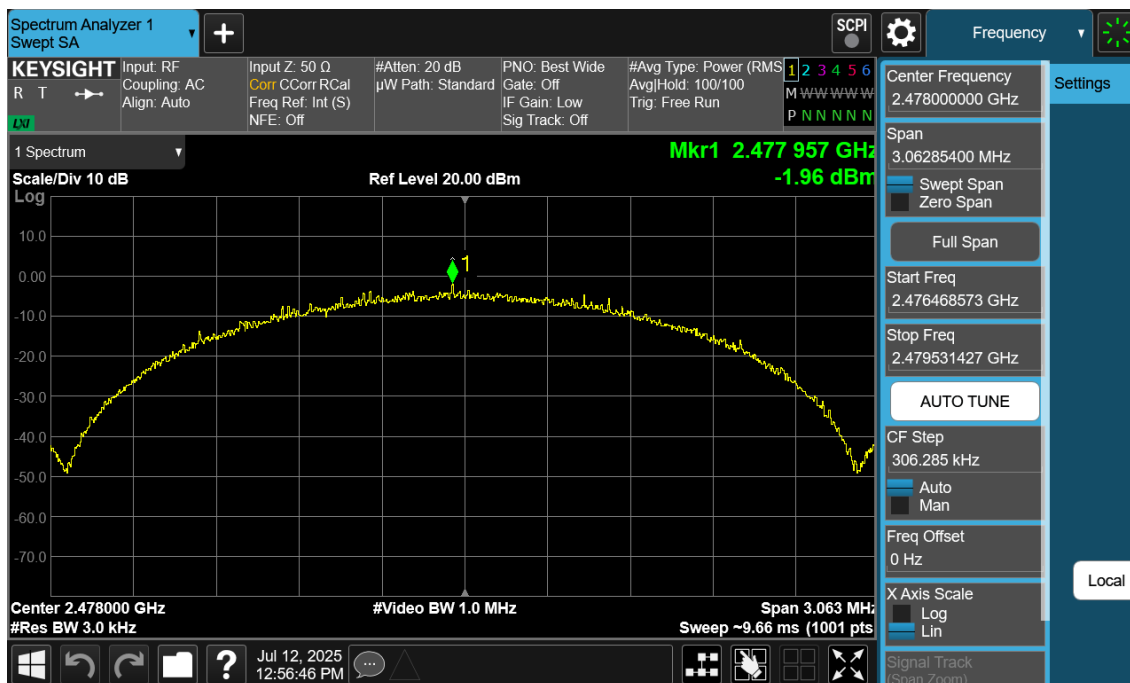


Plot 7-68. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 2Mbps, ePA – Ch. 19)

FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-69. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 2Mbps, ePA – Ch. 38)



Plot 7-70. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 2Mbps, iPA – Ch. 1)

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7.4.3 TxBF

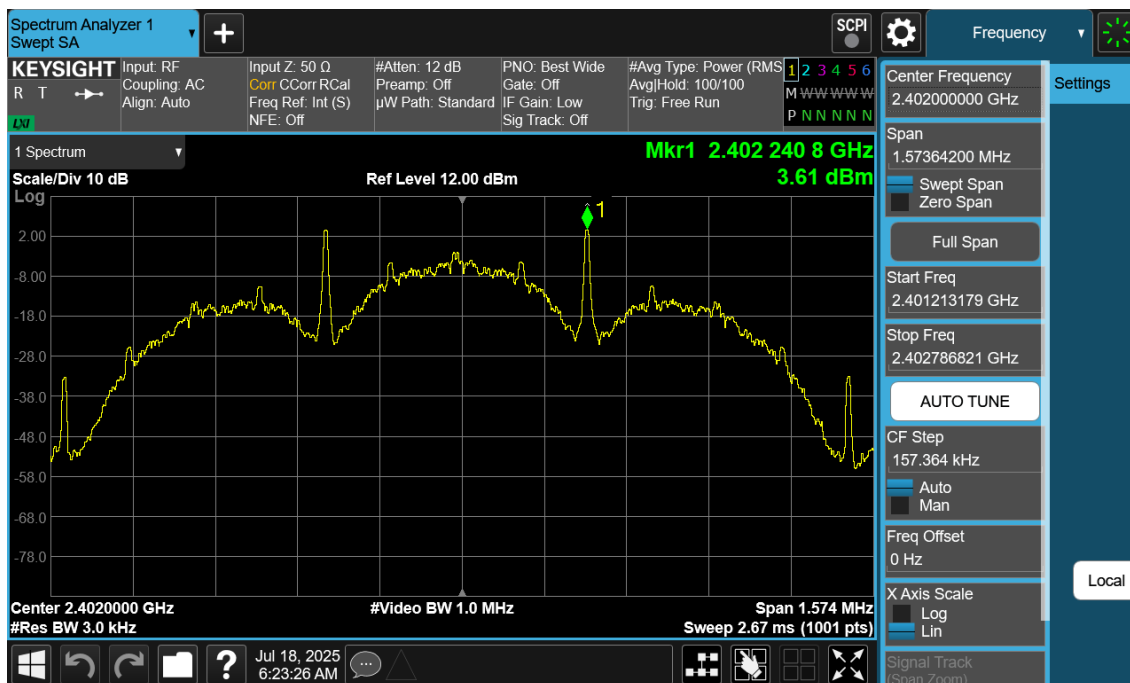
Frequency [MHz]	Data Rate [Mbps]	Power Scheme	Channel No.	Antenna 4a Power Density [dBm/3kHz]	Antenna 2a Power Density [dBm/3kHz]	Summed Power Density [dBm/3kHz]	Max Power Density [dBm/3kHz]	Margin [dB]
2402	0.125	ePA	0	3.61	3.29	6.46	8.0	-1.54
2440	0.125	ePA	19	3.64	3.37	6.52	8.0	-1.48
2480	0.125	ePA	39	3.30	3.44	6.38	8.0	-1.62
2402	0.125	iPA	0	2.32	0.19	4.40	8.0	-3.60
2440	0.125	iPA	19	2.53	2.65	5.60	8.0	-2.40
2480	0.125	iPA	39	1.98	-0.30	4.00	8.0	-4.00
2402	0.500	ePA	0	3.34	3.03	6.20	8.0	-1.80
2440	0.500	ePA	19	3.01	3.22	6.12	8.0	-1.88
2480	0.500	ePA	39	3.12	3.29	6.22	8.0	-1.78
2402	0.500	iPA	0	1.65	0.82	4.26	8.0	-3.74
2440	0.500	iPA	19	2.44	2.52	5.49	8.0	-2.51
2480	0.500	iPA	39	1.41	-0.42	3.60	8.0	-4.40
2402	1.0	ePA	0	1.34	0.97	4.17	8.0	-3.83
2440	1.0	ePA	19	2.57	0.05	4.50	8.0	-3.50
2480	1.0	ePA	39	1.05	1.09	4.08	8.0	-3.92
2402	1.0	iPA	0	-7.88	-10.10	-5.84	8.0	-13.84
2440	1.0	iPA	19	-7.02	-7.03	-4.02	8.0	-12.02
2480	1.0	iPA	39	-7.60	-11.16	-6.01	8.0	-14.01
2404	2.0	ePA	1	-1.41	-2.26	1.20	8.0	-6.80
2440	2.0	ePA	19	-0.27	-3.24	1.50	8.0	-6.50
2478	2.0	ePA	38	-1.00	-1.99	1.54	8.0	-6.46
2404	2.0	iPA	1	-10.40	-11.86	-8.06	8.0	-16.06
2440	2.0	iPA	19	-10.27	-10.32	-7.29	8.0	-15.29
2478	2.0	iPA	38	-10.30	-13.16	-8.48	8.0	-16.48

Table 7-12. Conducted Power Density Measurements TxBF

FCC ID: BCGA3358 IC: 579C-A3358		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-75. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 125kbps, ePA – Ch. 19)

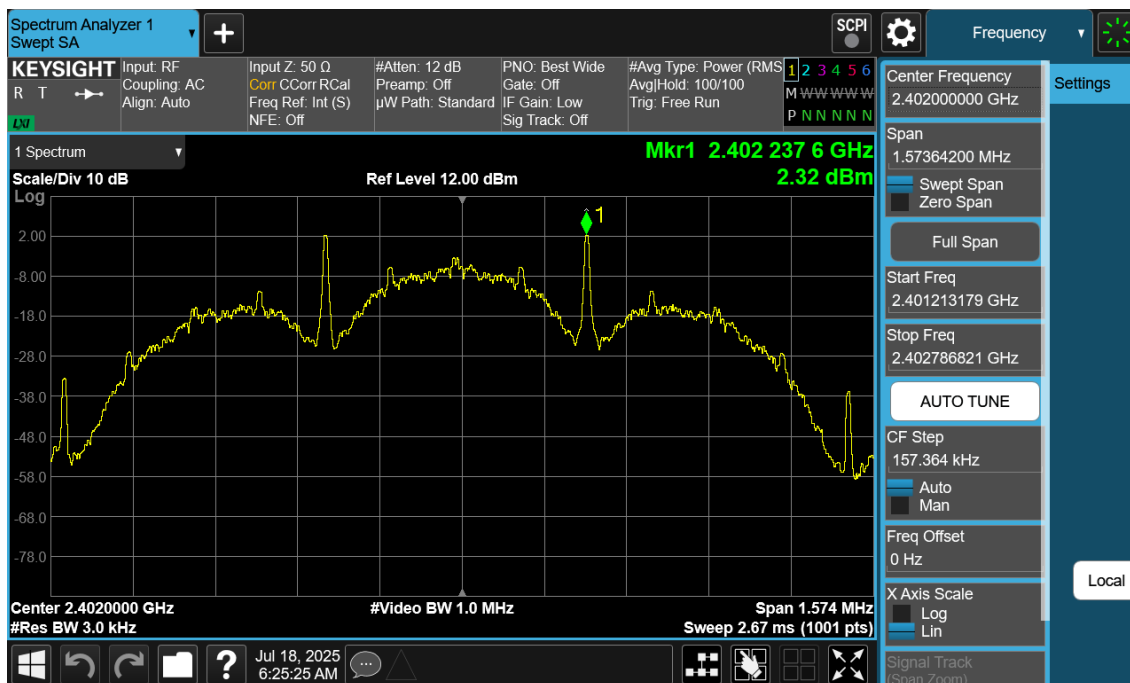


Plot 7-76. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 125kbps, ePA – Ch. 19)

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Plot 7-79. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 125kbps, iPA – Ch. 0)

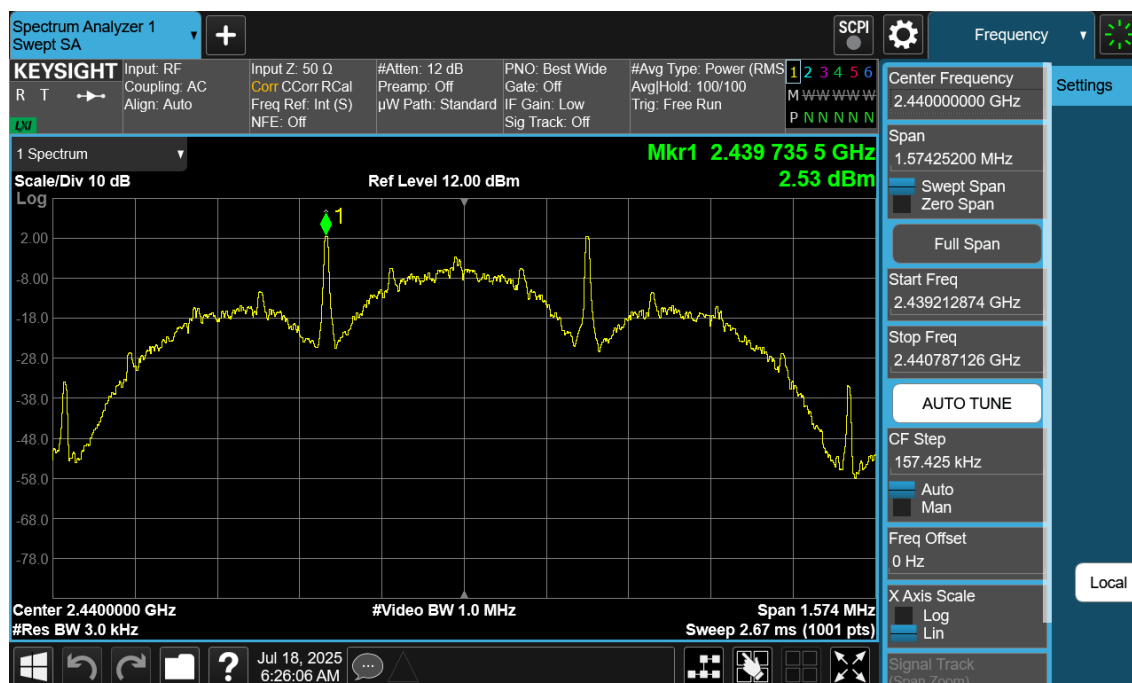


Plot 7-80. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 125kbps, iPA – Ch. 0)

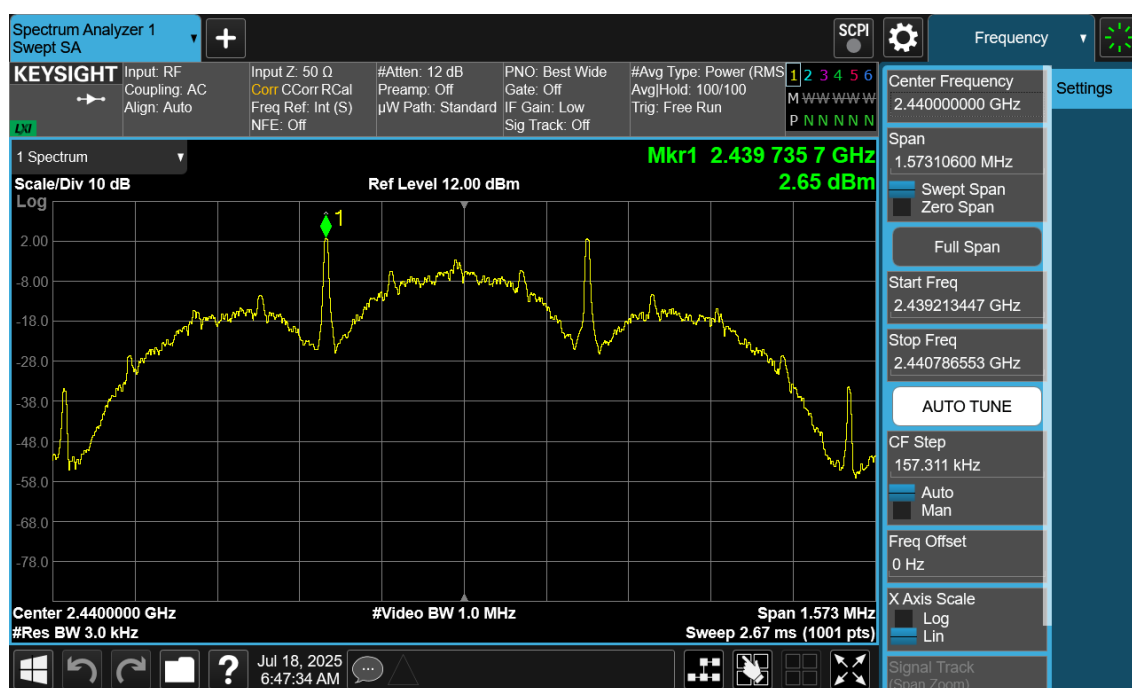
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Plot 7-81. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 125kbps, iPA – Ch. 19)



Plot 7-82. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 125kbps, iPA – Ch. 19)

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Plot 7-83. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 125kbps, iPA – Ch. 39)

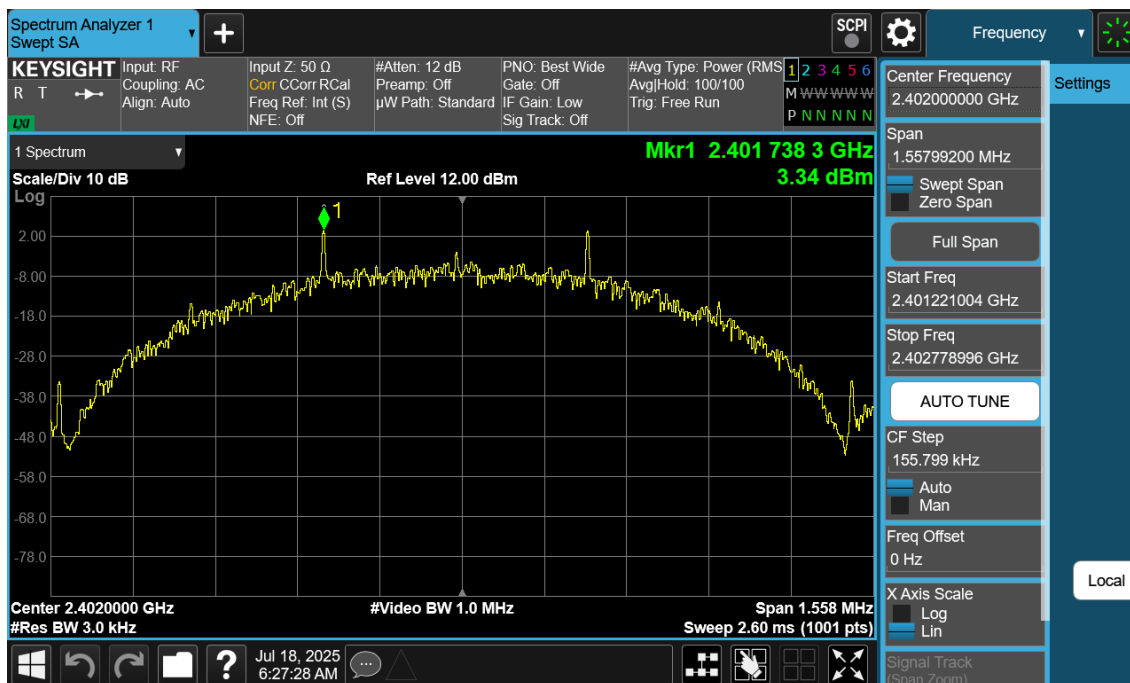


Plot 7-84. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 125kbps, iPA – Ch. 39)

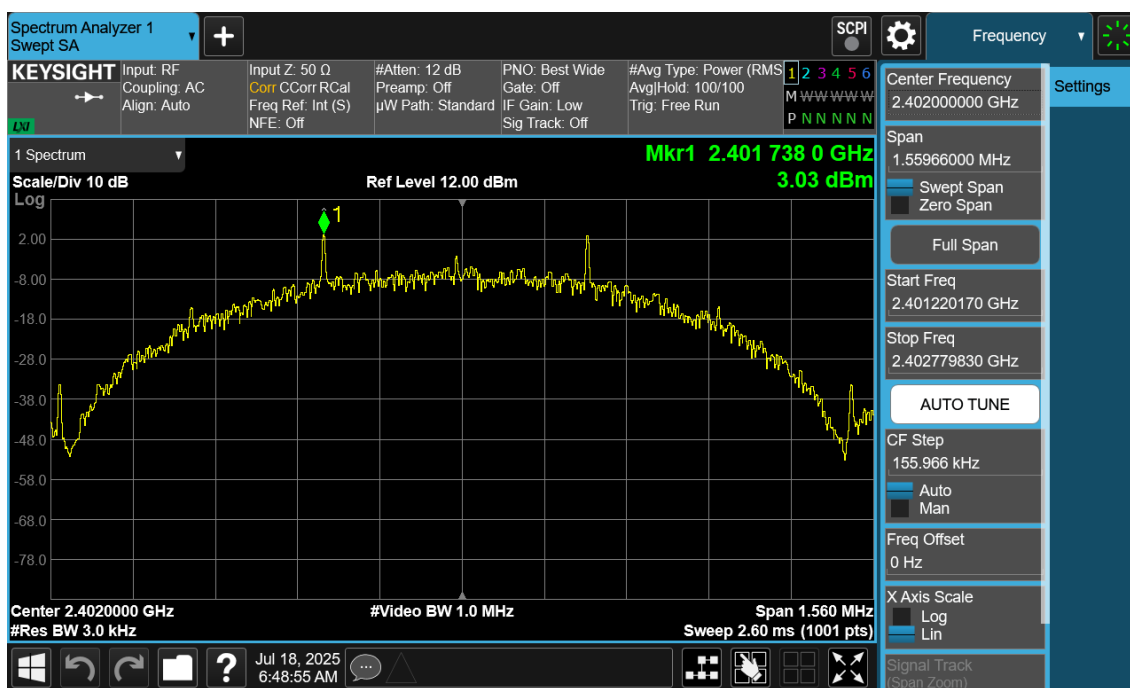
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Plot 7-85. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 500kbps, ePA – Ch. 0)



Plot 7-86. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, ePA – Ch. 0)

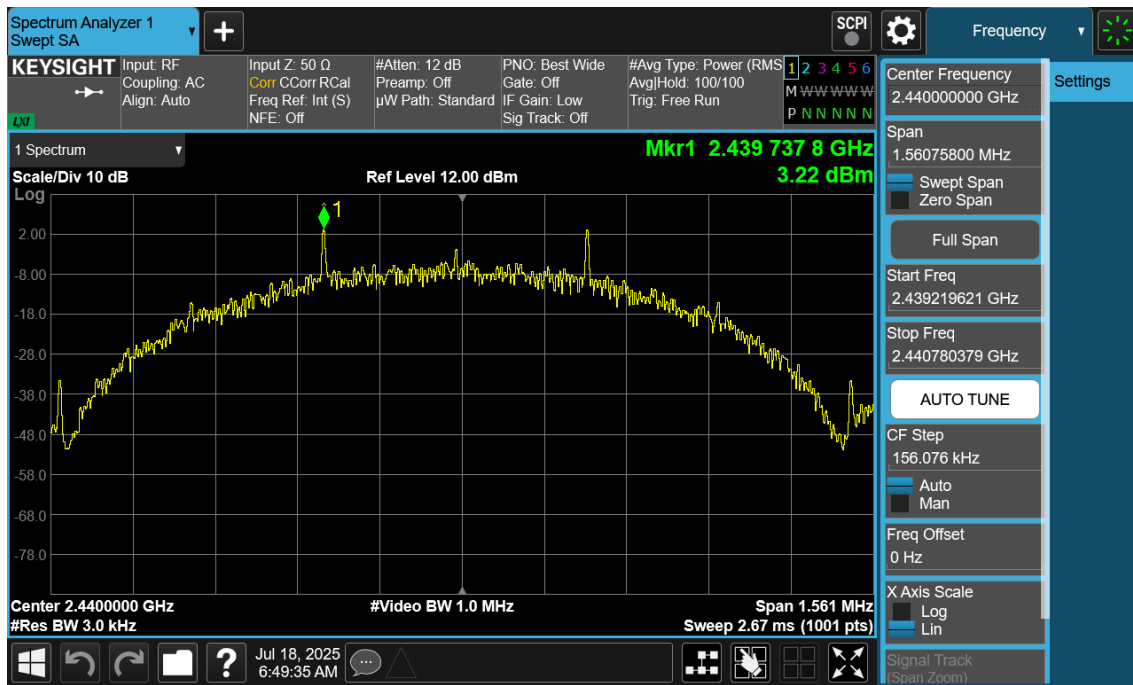
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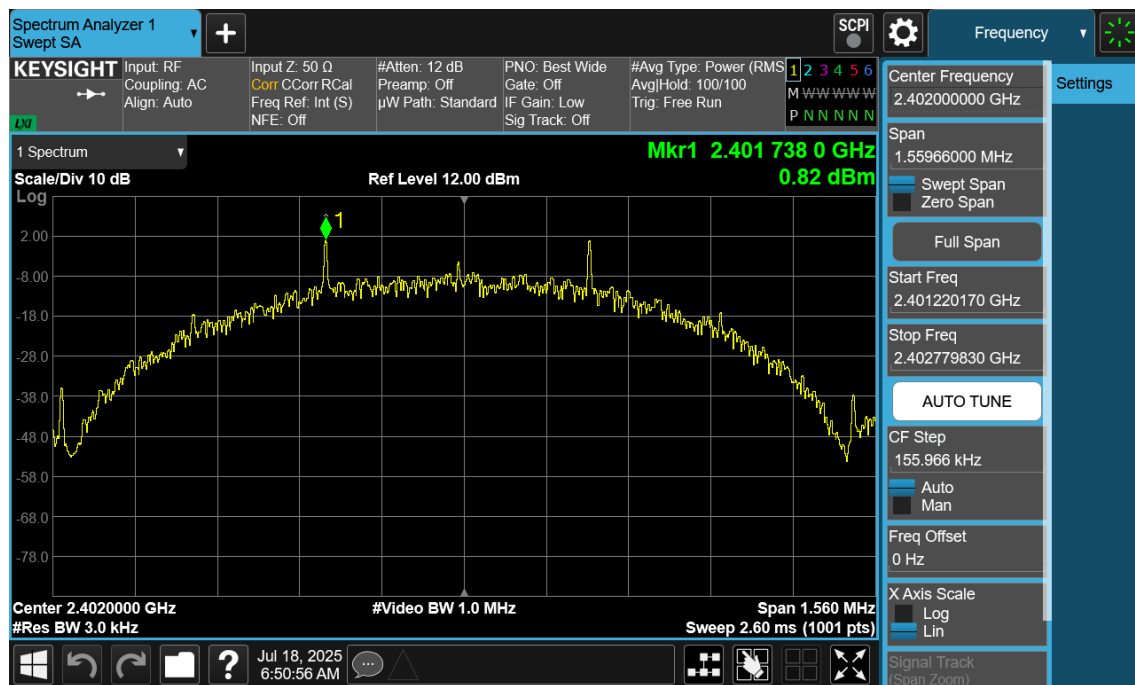
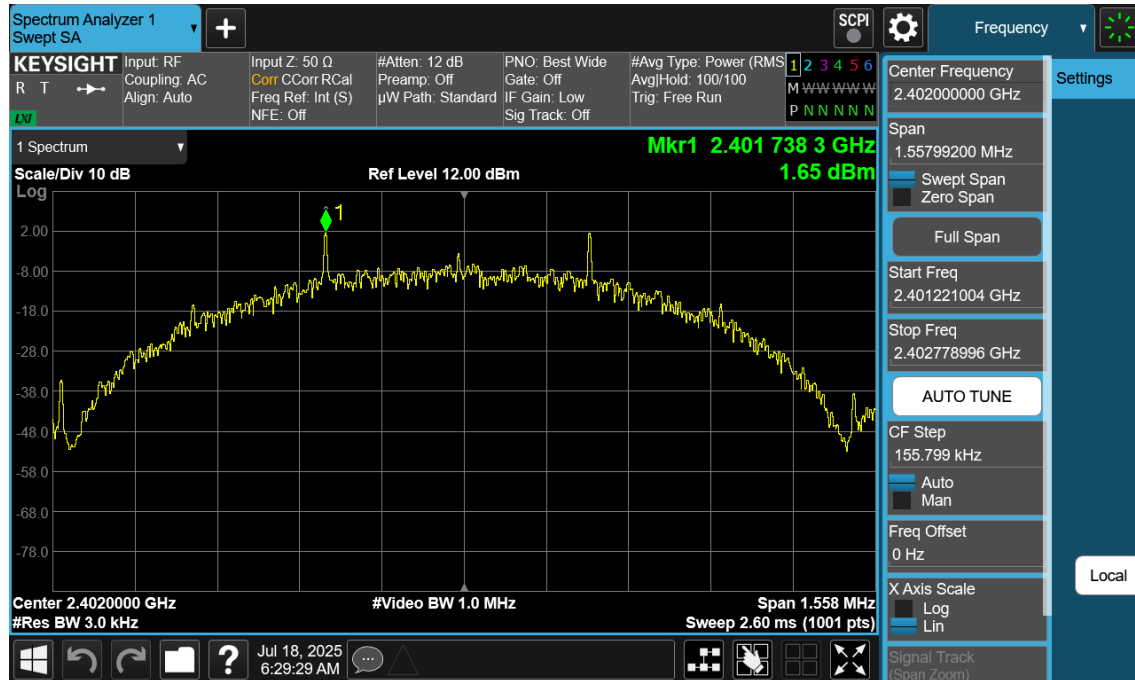


Plot 7-87. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 500kbps, ePA – Ch. 19)



Plot 7-88. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, ePA – Ch. 19)

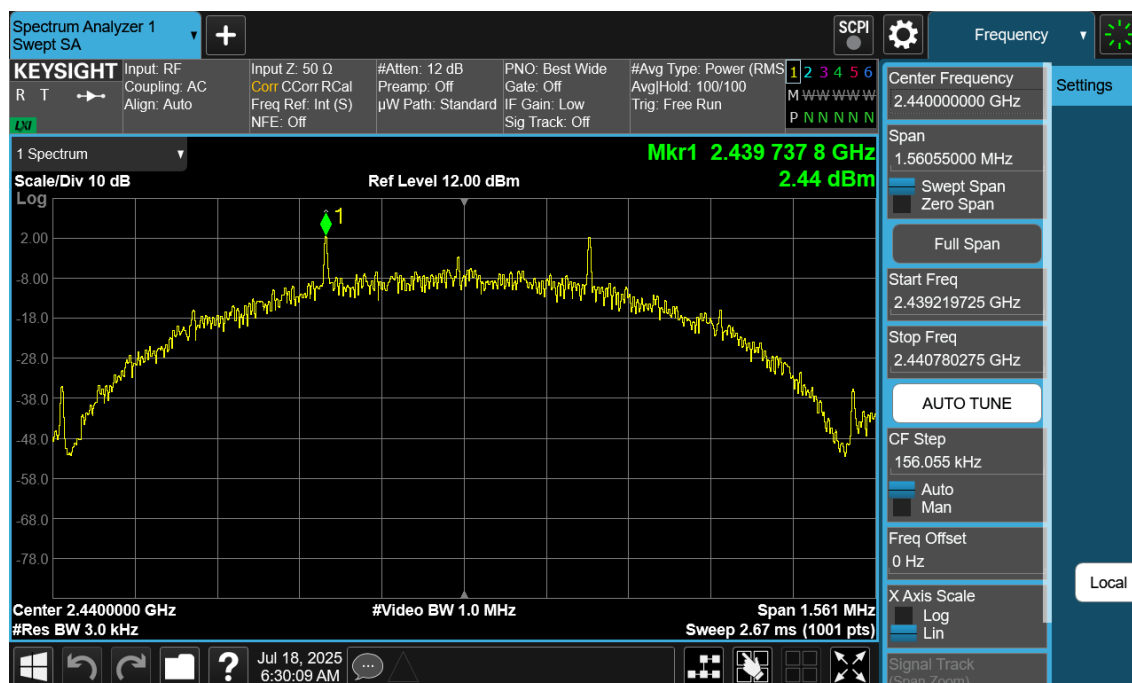
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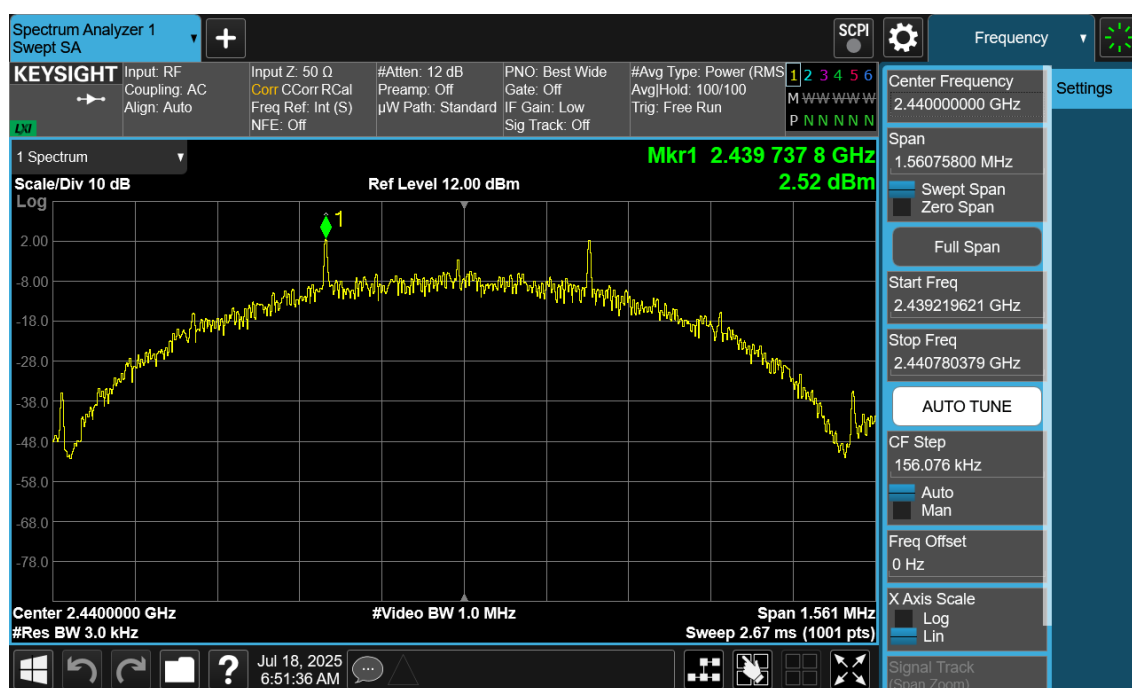
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Plot 7-93. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 500kbps, iPA – Ch. 19)

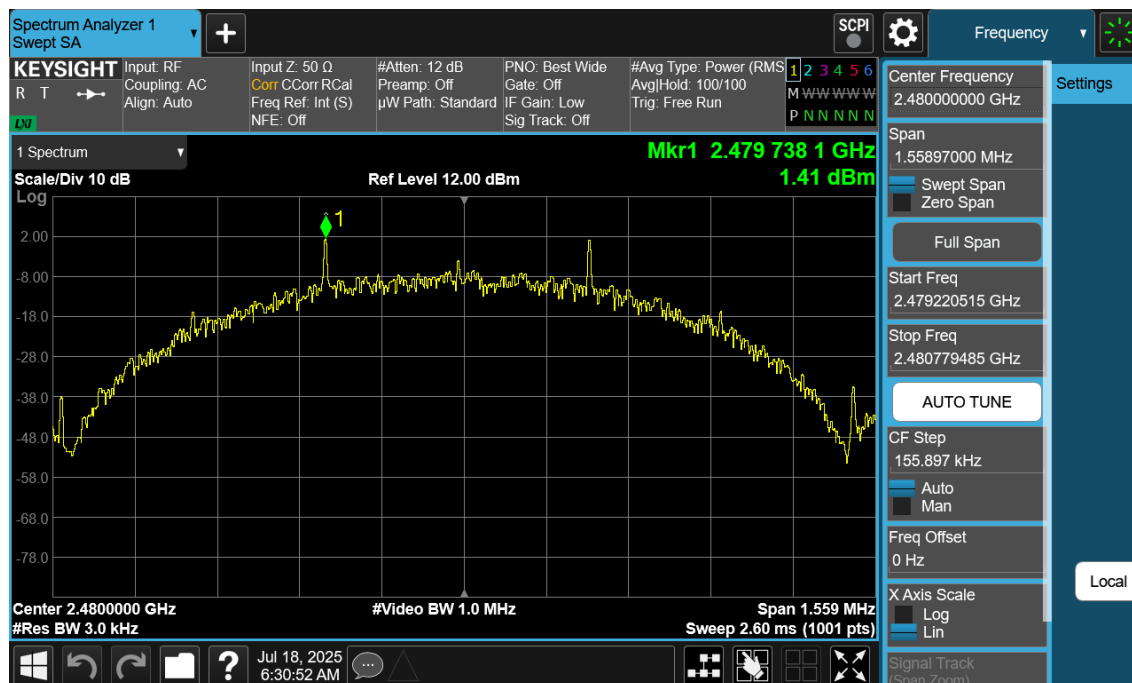


Plot 7-94. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, iPA – Ch. 19)

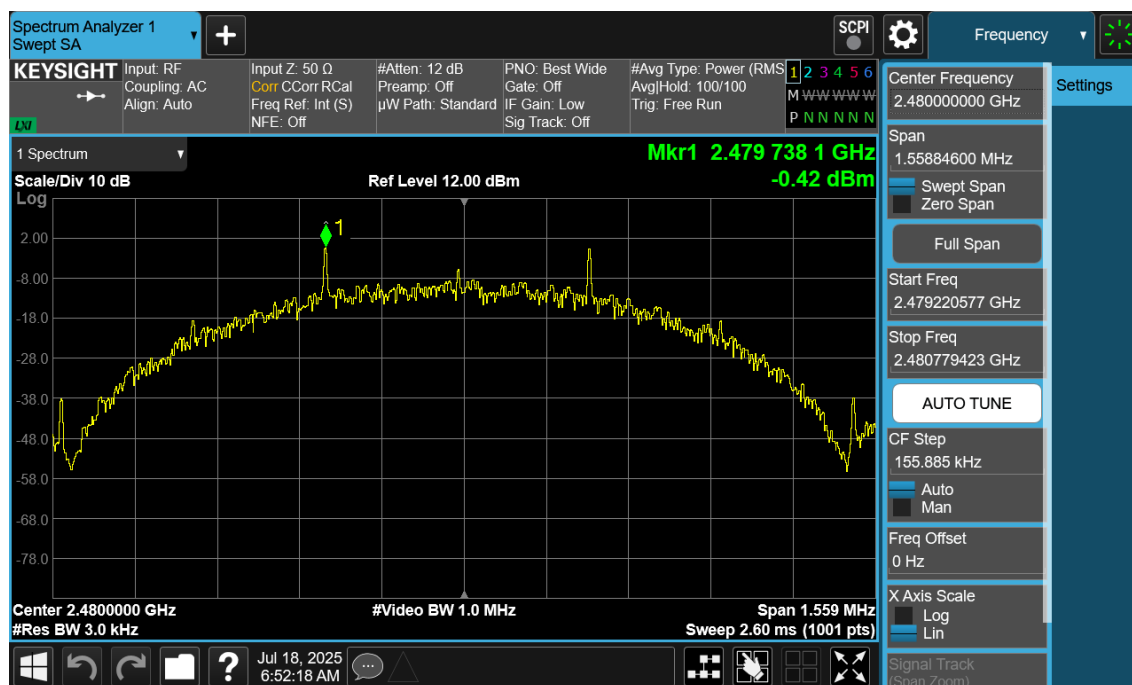
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Plot 7-95. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 500kbps, iPA – Ch. 39)

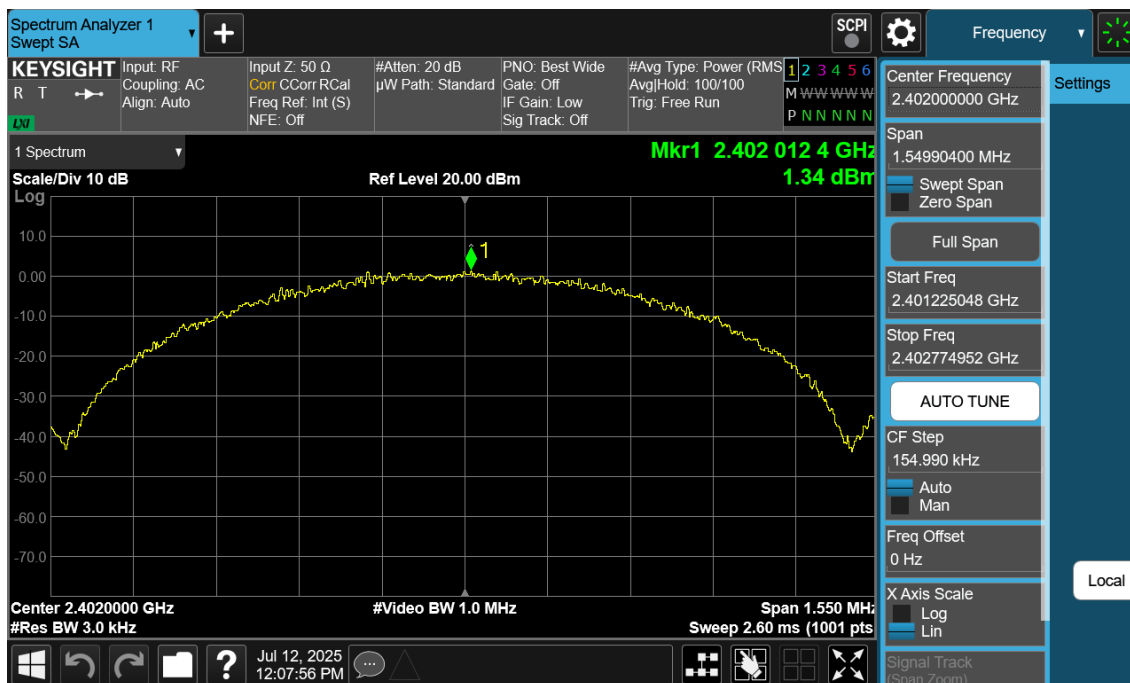


Plot 7-96. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 500kbps, iPA – Ch. 39)

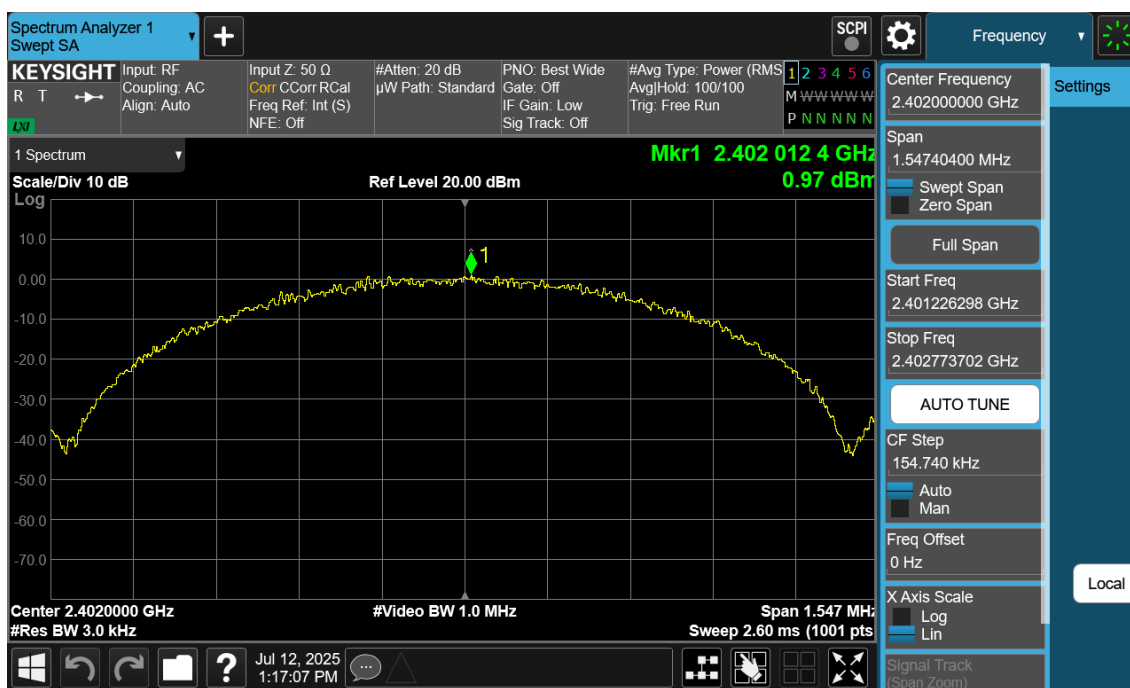
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Plot 7-97. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 1Mbps, ePA – Ch. 0)

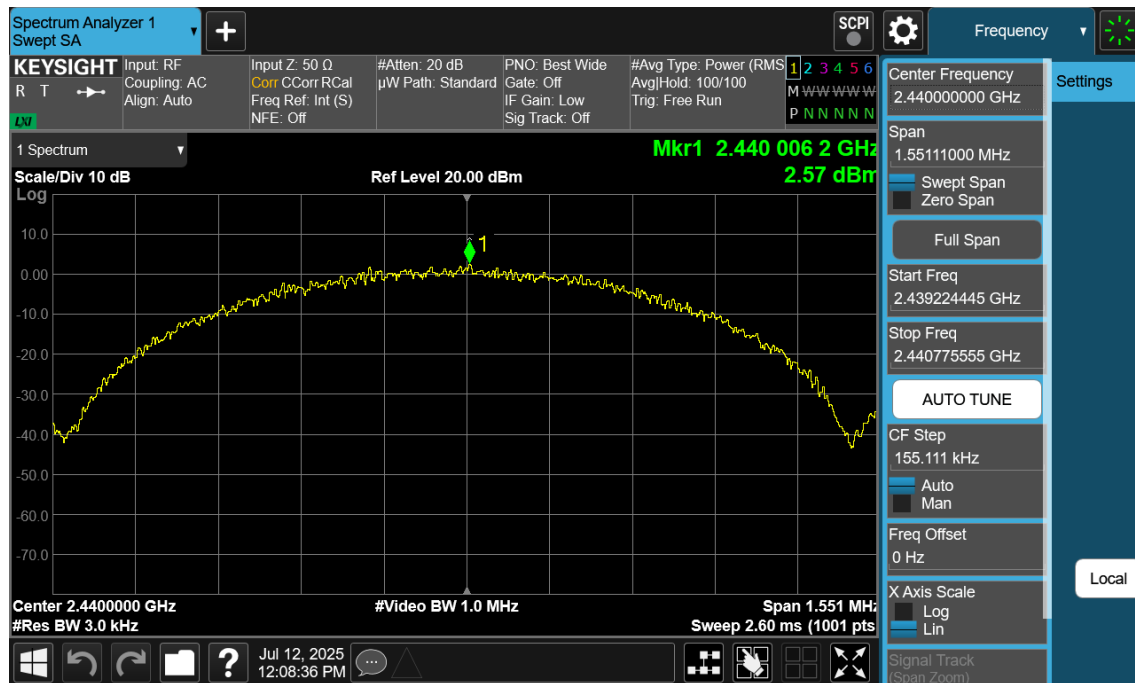


Plot 7-98. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, ePA – Ch. 0)

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Plot 7-99. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 1Mbps, ePA – Ch. 19)



Plot 7-100. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, ePA – Ch. 19)

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Plot 7-101. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 1Mbps, ePA – Ch. 39)



Plot 7-102. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, ePA – Ch. 39)

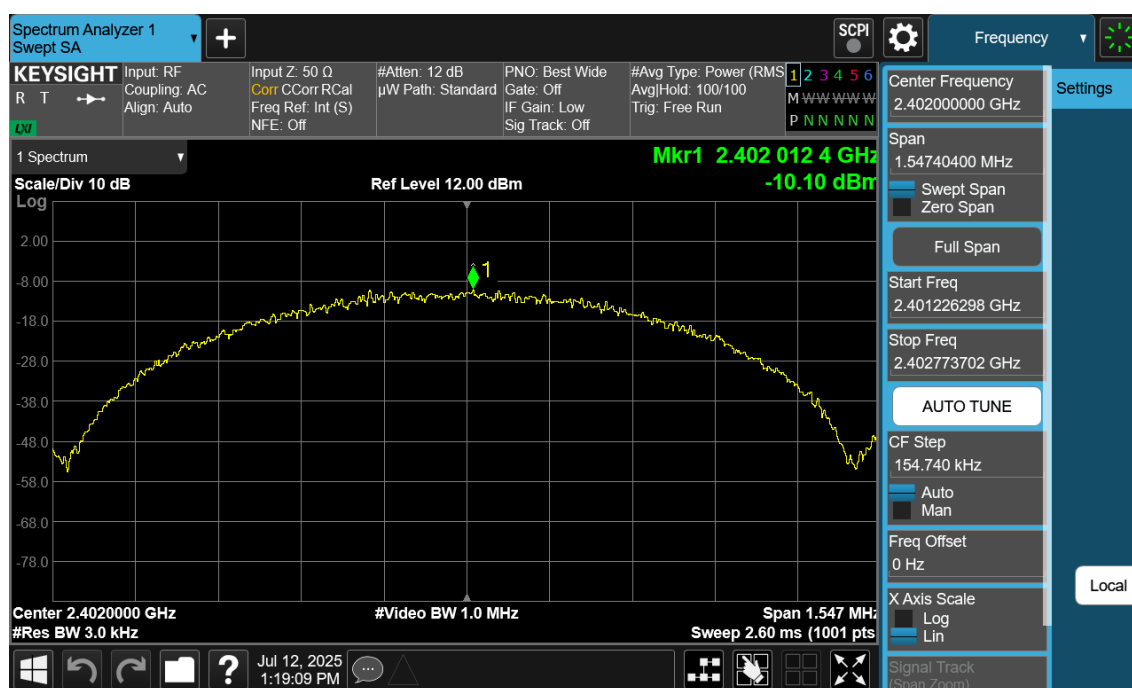
FCC ID: BCGA3358 IC: 579C-A3358	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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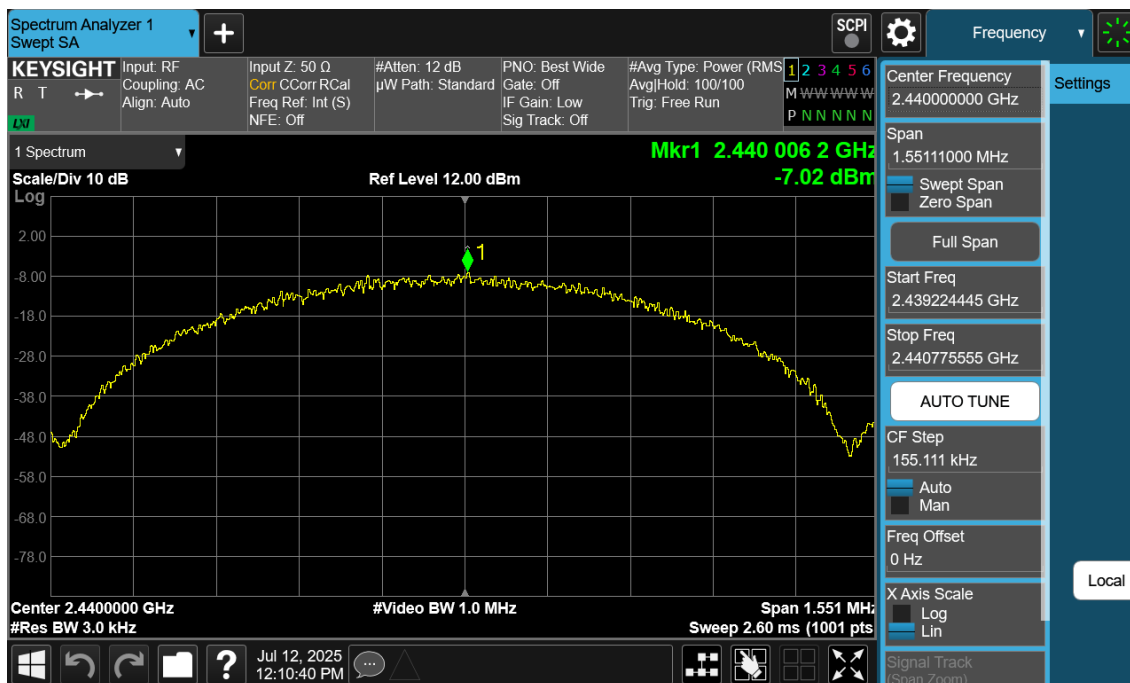


Plot 7-103. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 1Mbps, iPA – Ch. 0)

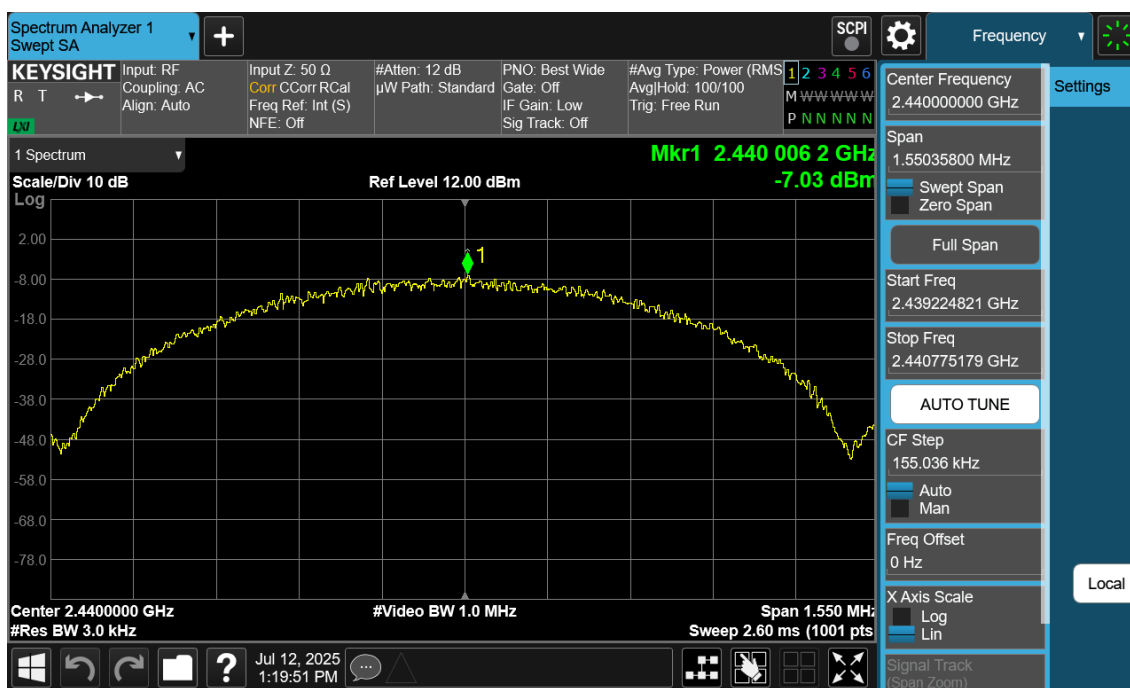


Plot 7-104. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, iPA – Ch. 0)

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Plot 7-105. Power Spectral Density Plot Antenna 4a (Bluetooth (LE), 1Mbps, iPA – Ch. 19)

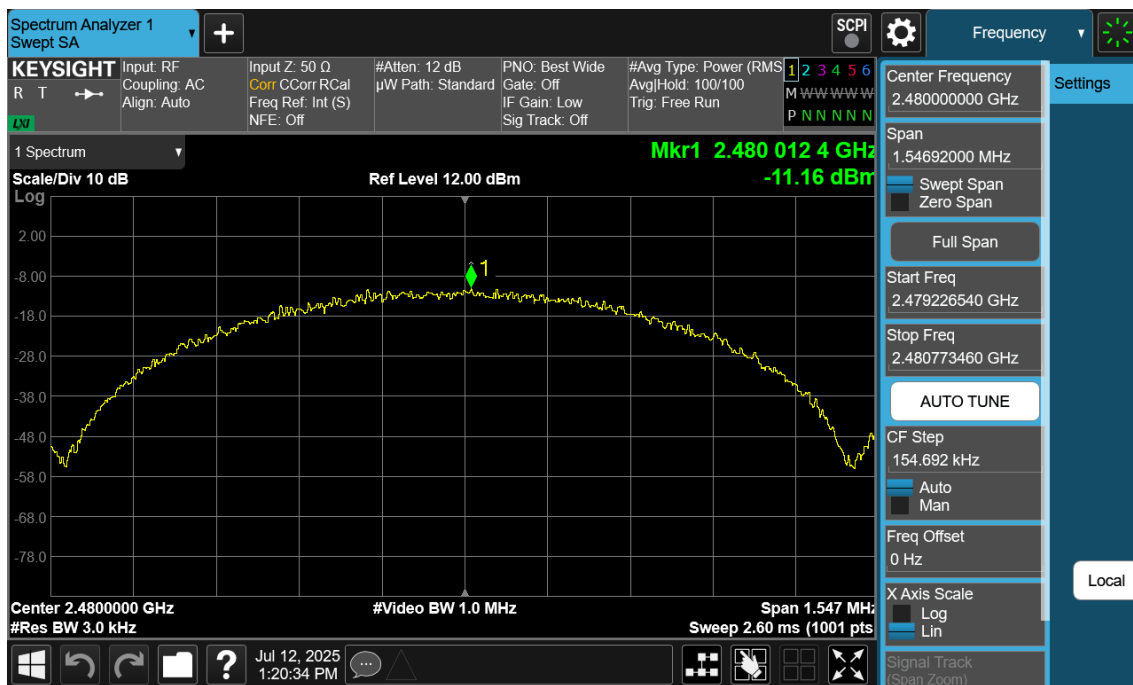


Plot 7-106. Power Spectral Density Plot Antenna 2a (Bluetooth (LE), 1Mbps, iPA – Ch. 19)

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