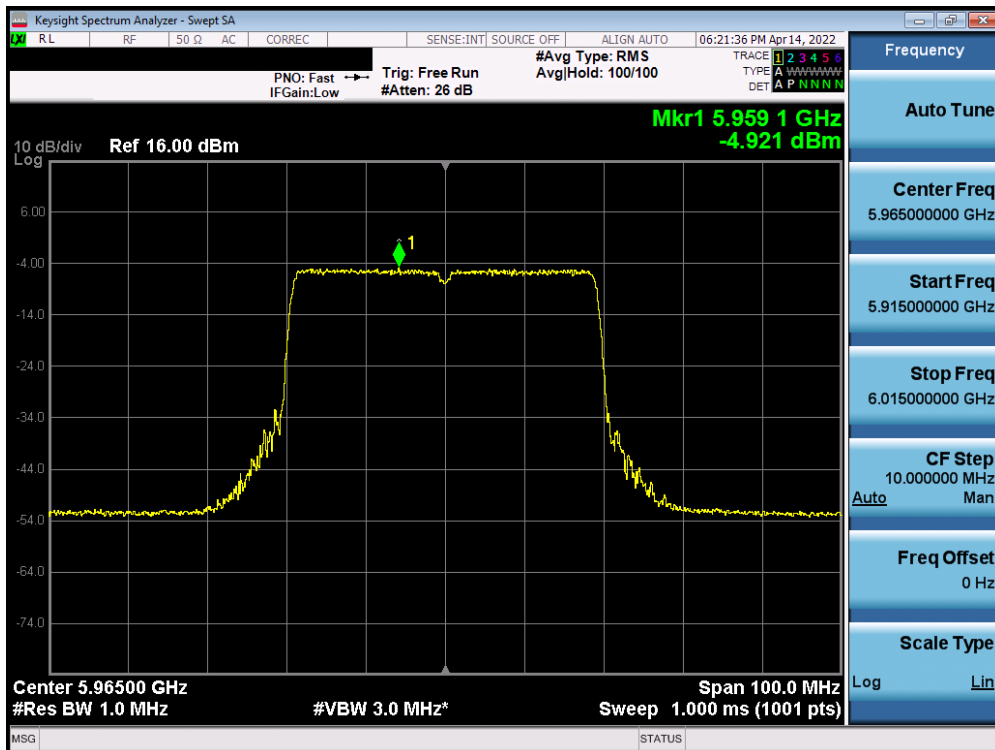
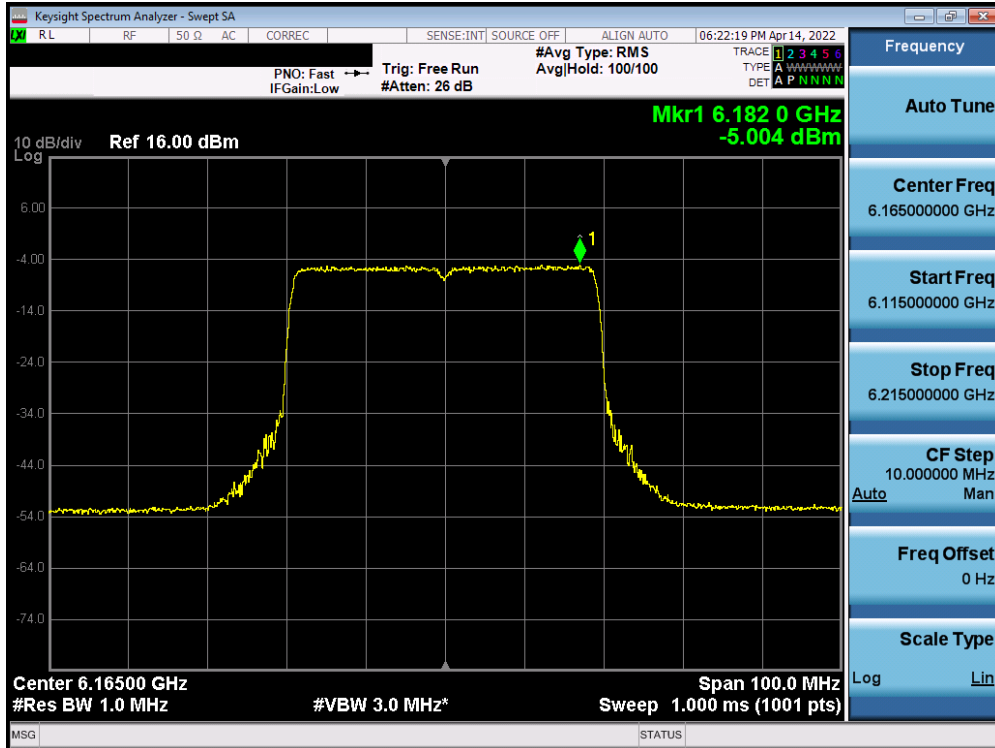


Plot 7-443. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) UNII Band 5) – Ch. 93)

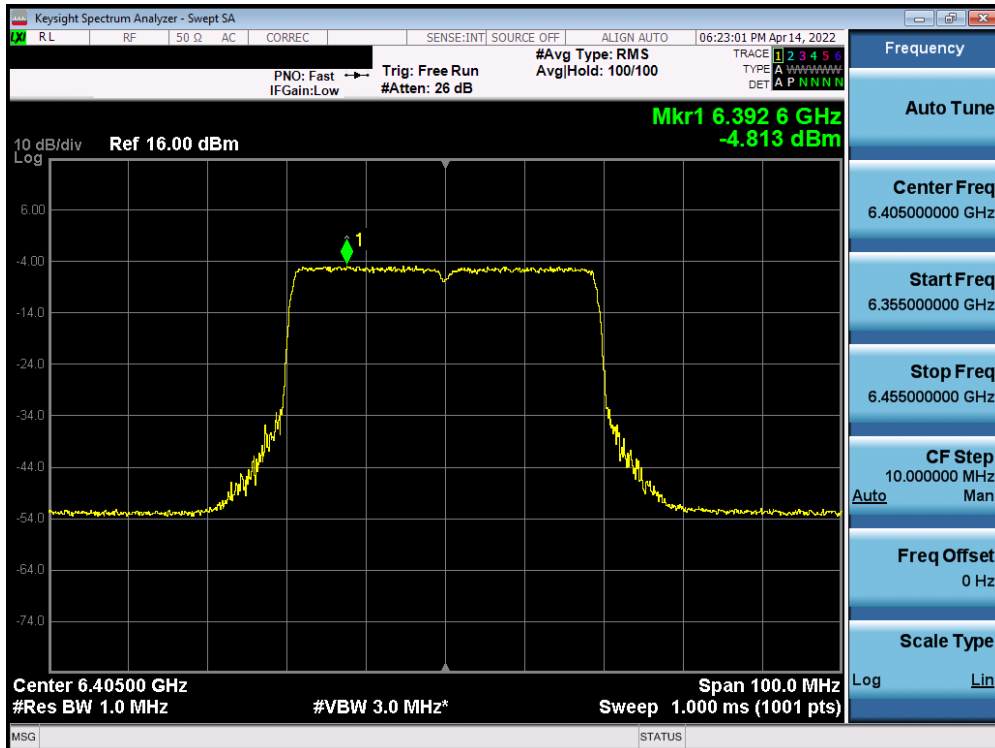


Plot 7-444. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 3)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 274 of 630

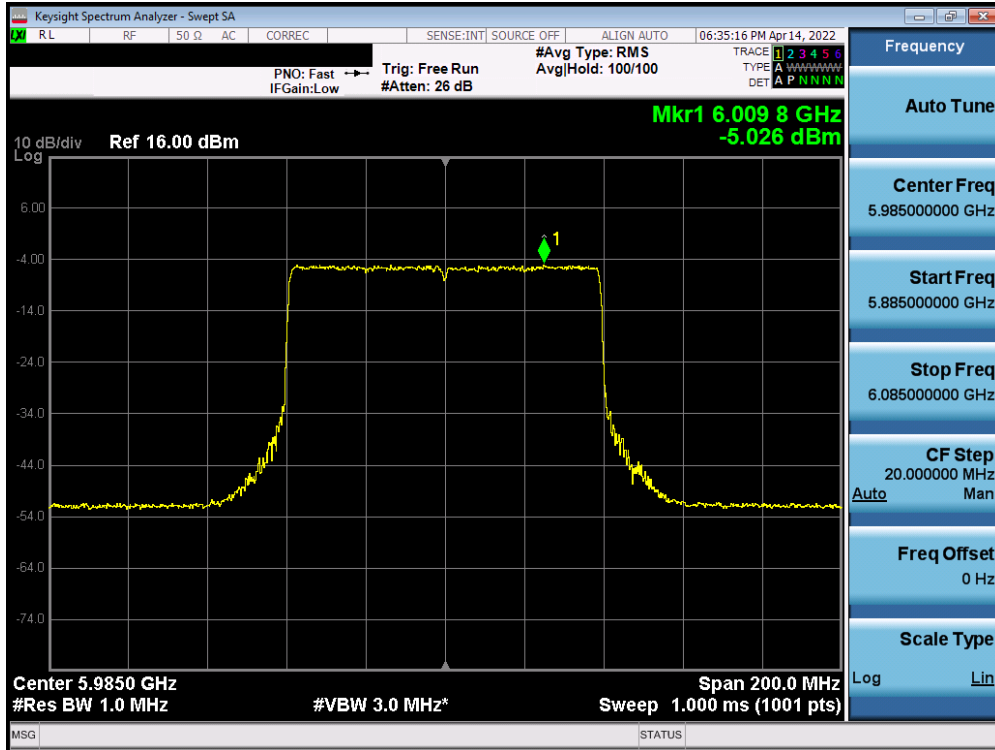


Plot 7-445. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 43)

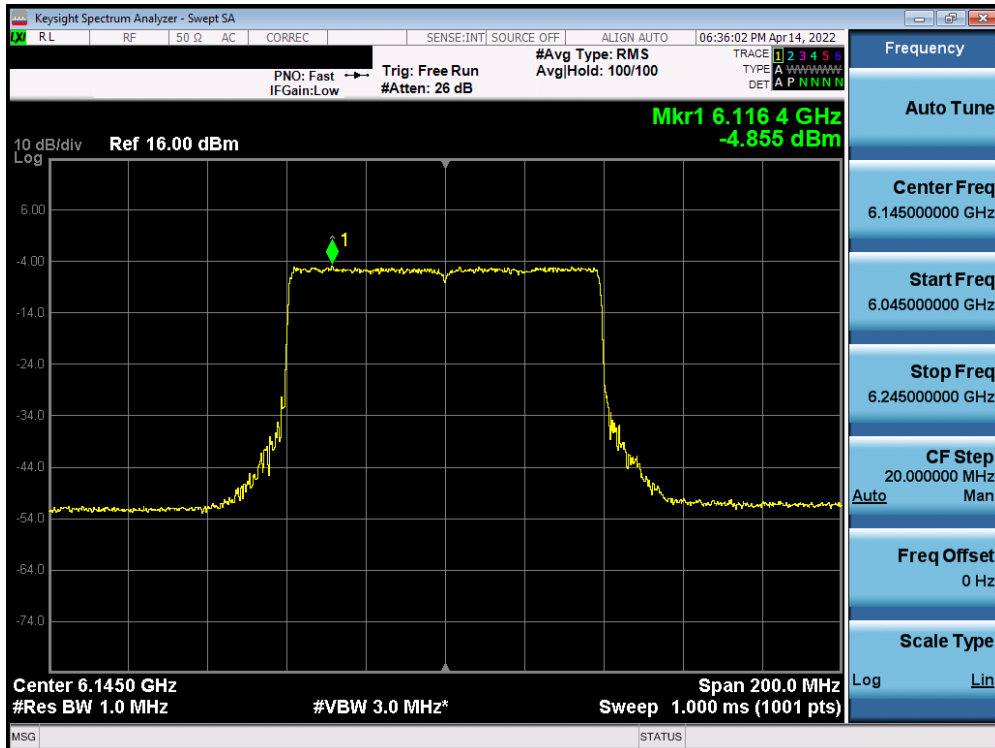


Plot 7-446. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 91)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 275 of 630

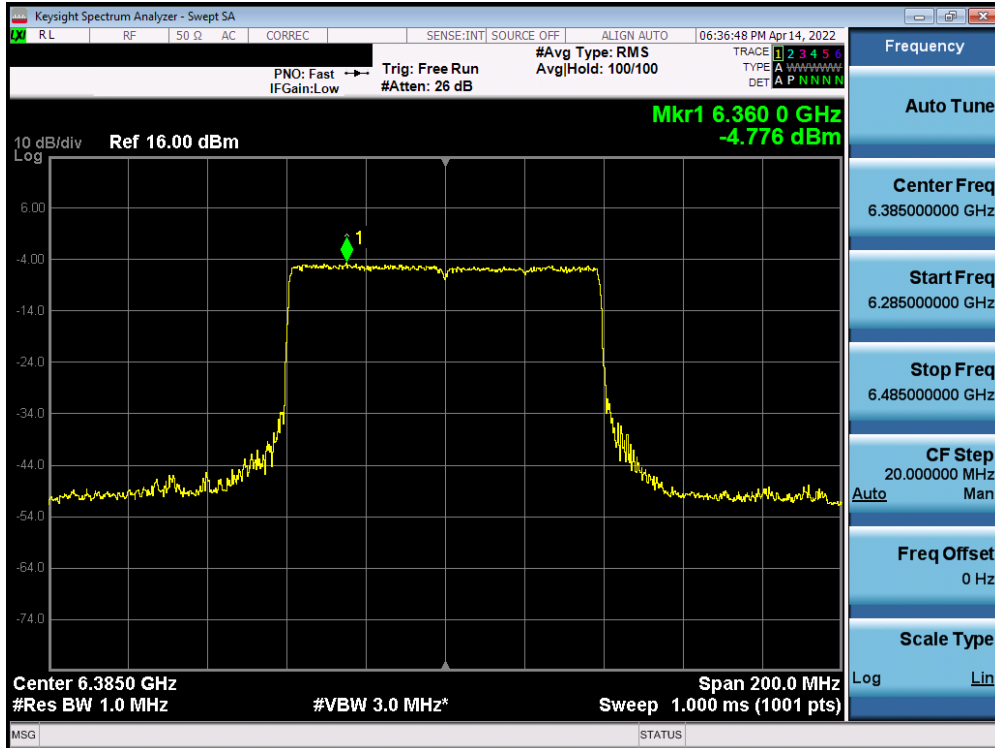


Plot 7-447. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 7)

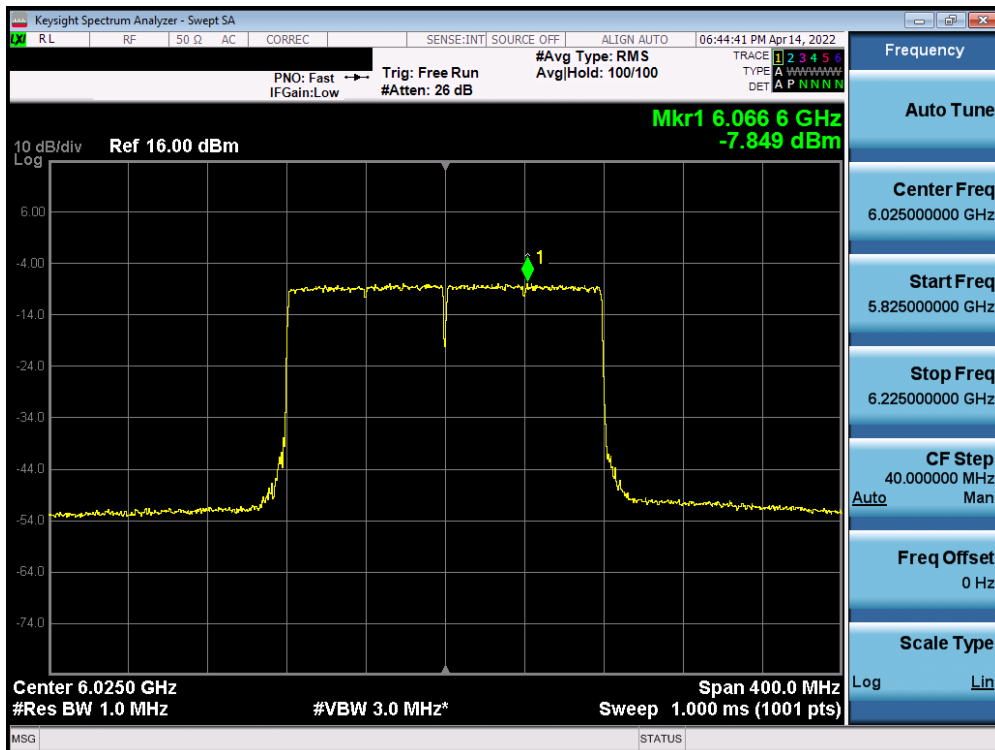


Plot 7-448. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 39)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 276 of 630

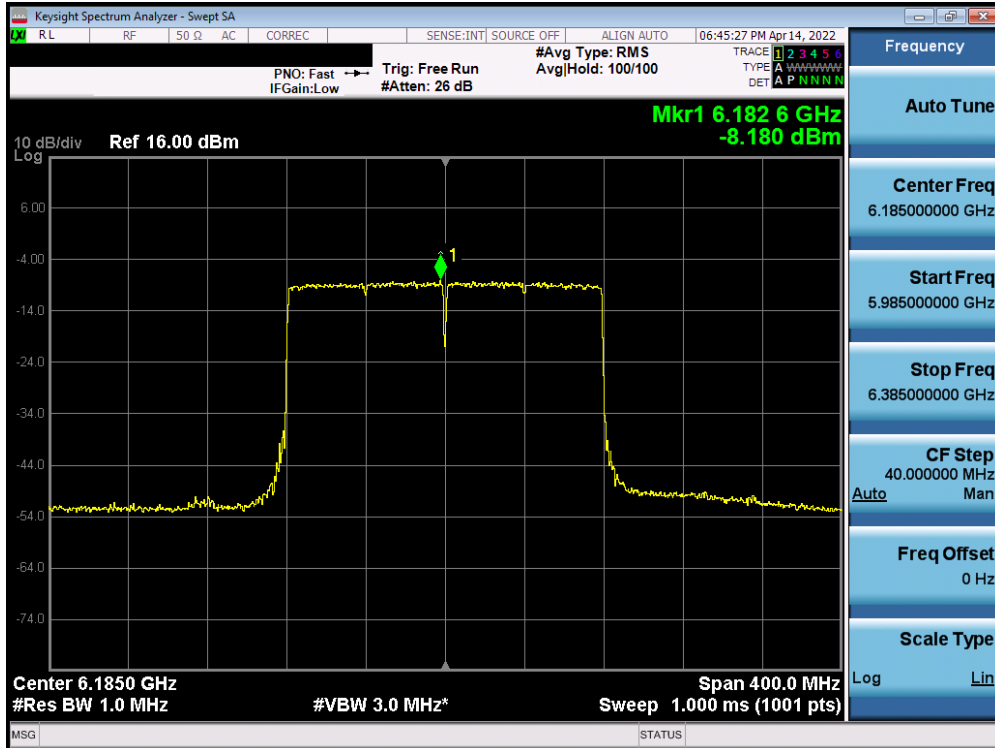


Plot 7-449. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 87)

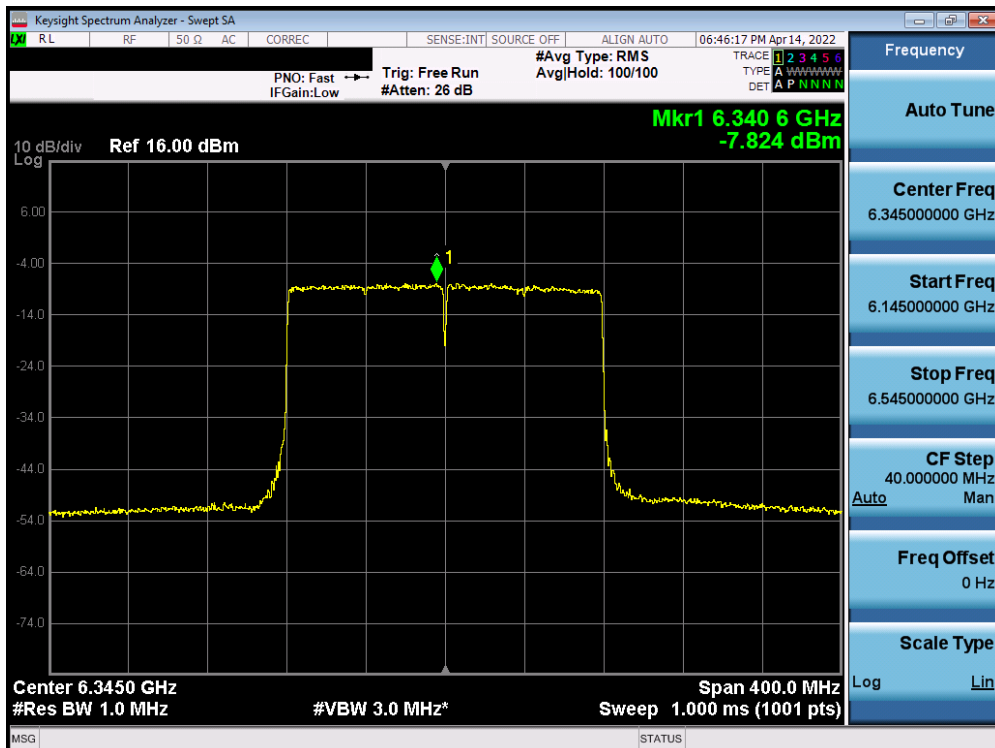


Plot 7-450. Power Spectral Density Plot SISO ANT2 (160MHz BW 1602.11ax (Full Tone) (UNII Band 5) – Ch. 15)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 277 of 630

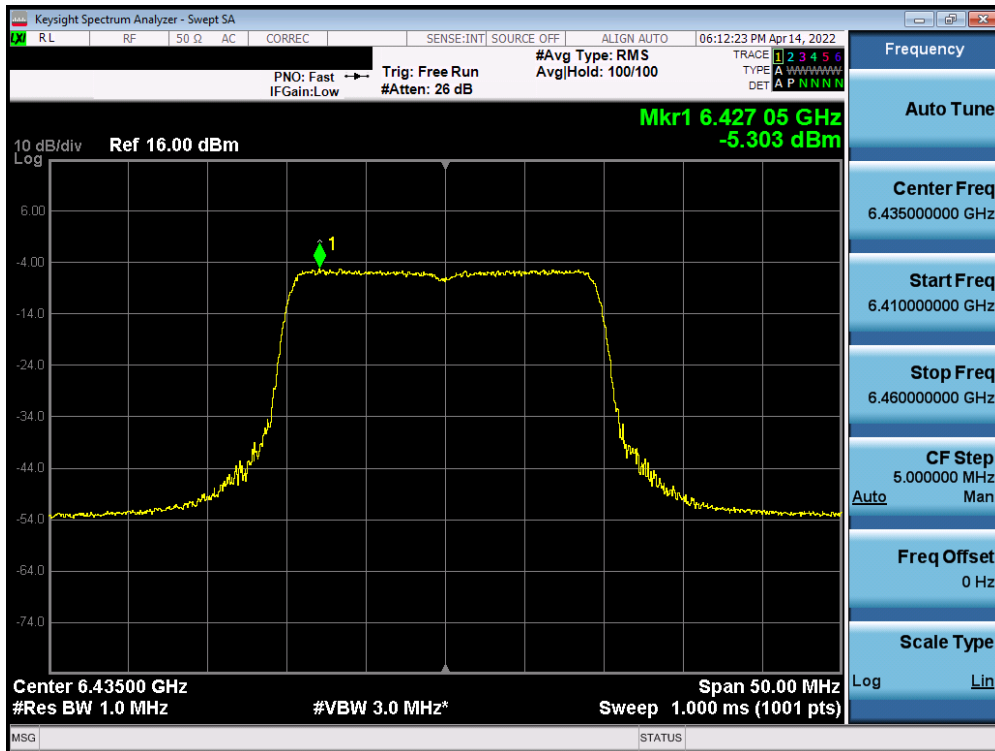


Plot 7-451. Power Spectral Density Plot SISO ANT2 (160MHz BW 1602.11ax (Full Tone) (UNII Band 5) – Ch. 47)

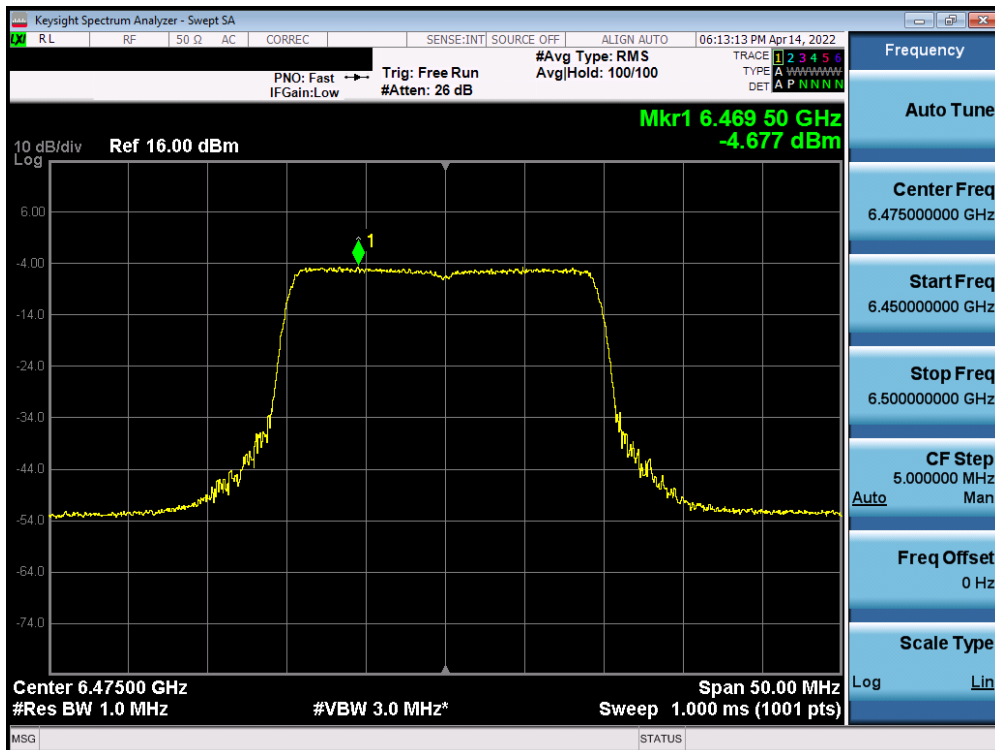


Plot 7-452. Power Spectral Density Plot SISO ANT2 (160MHz BW 1602.11ax (Full Tone) (UNII Band 5) – Ch. 79)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 278 of 630

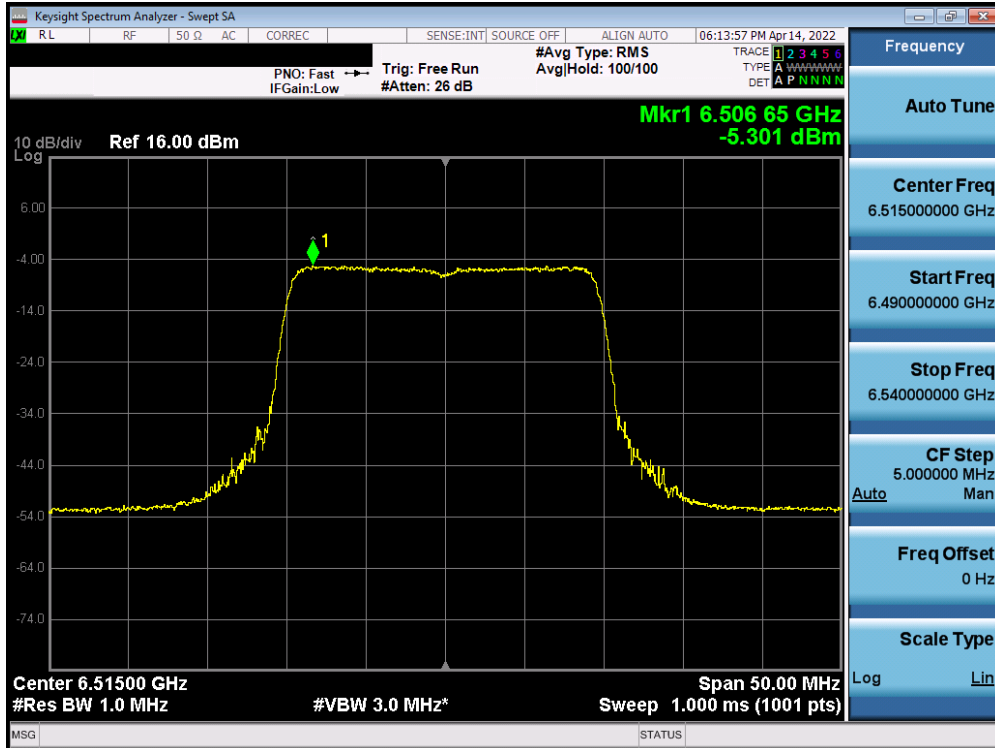


Plot 7-453. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 97)

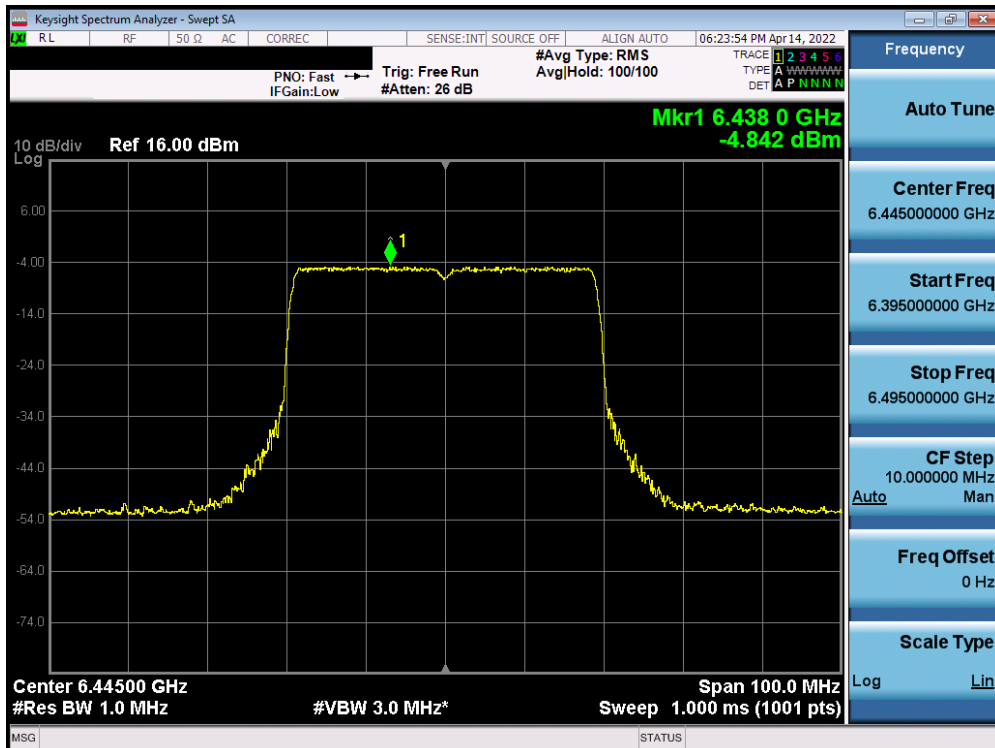


Plot 7-454. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 105)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 279 of 630

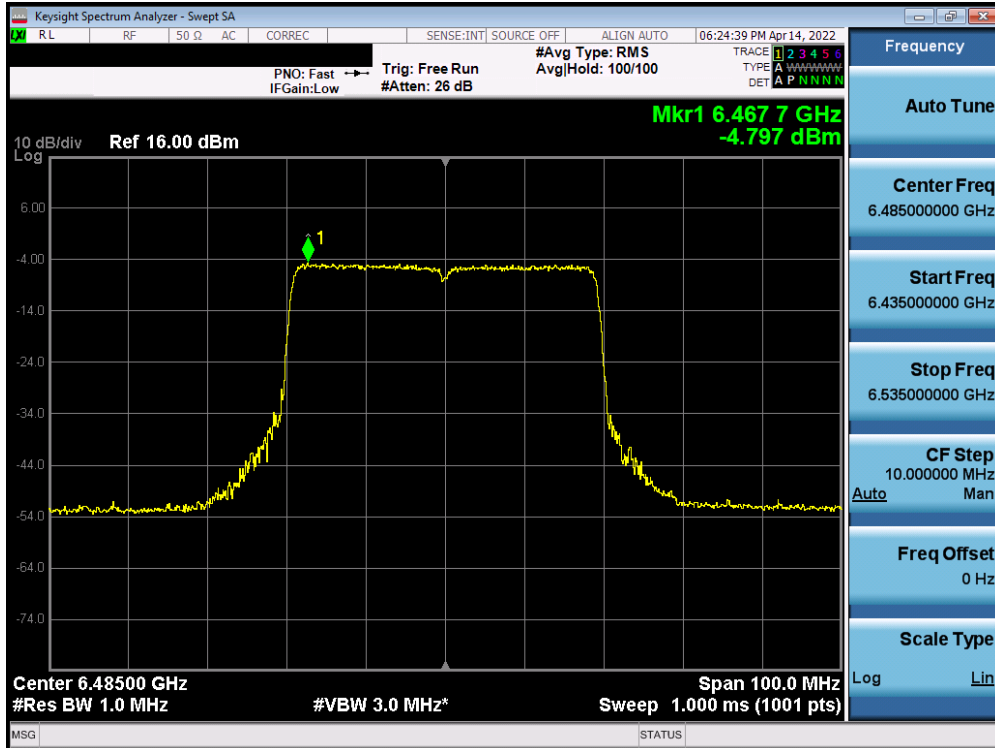


Plot 7-455. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 113)

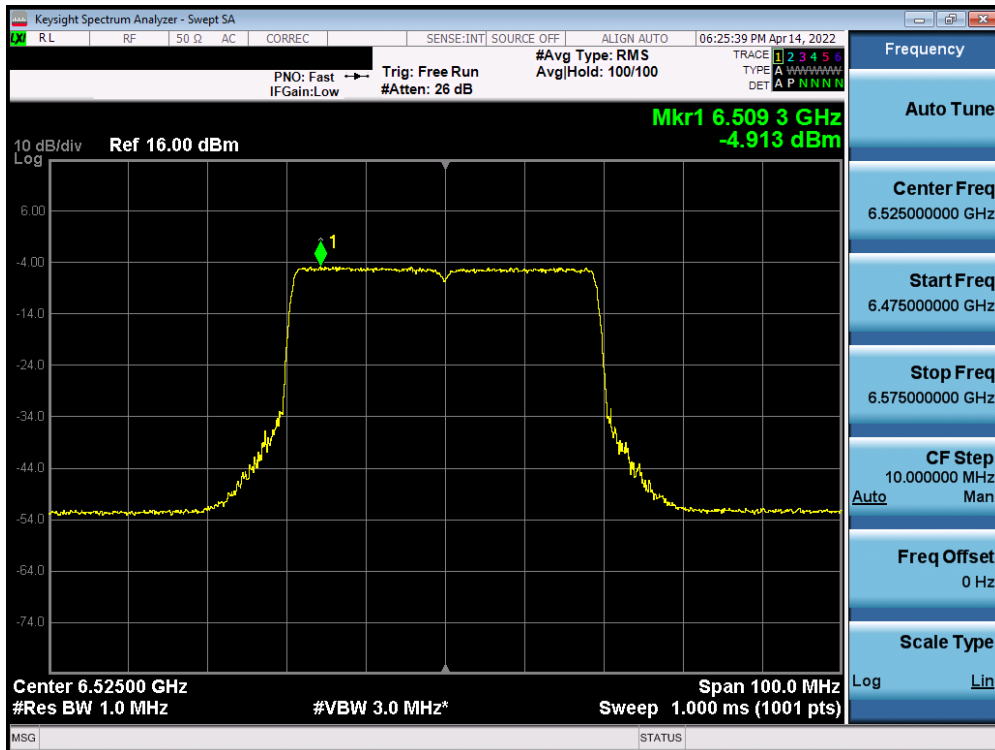


Plot 7-456. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 99)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device		Page 280 of 630

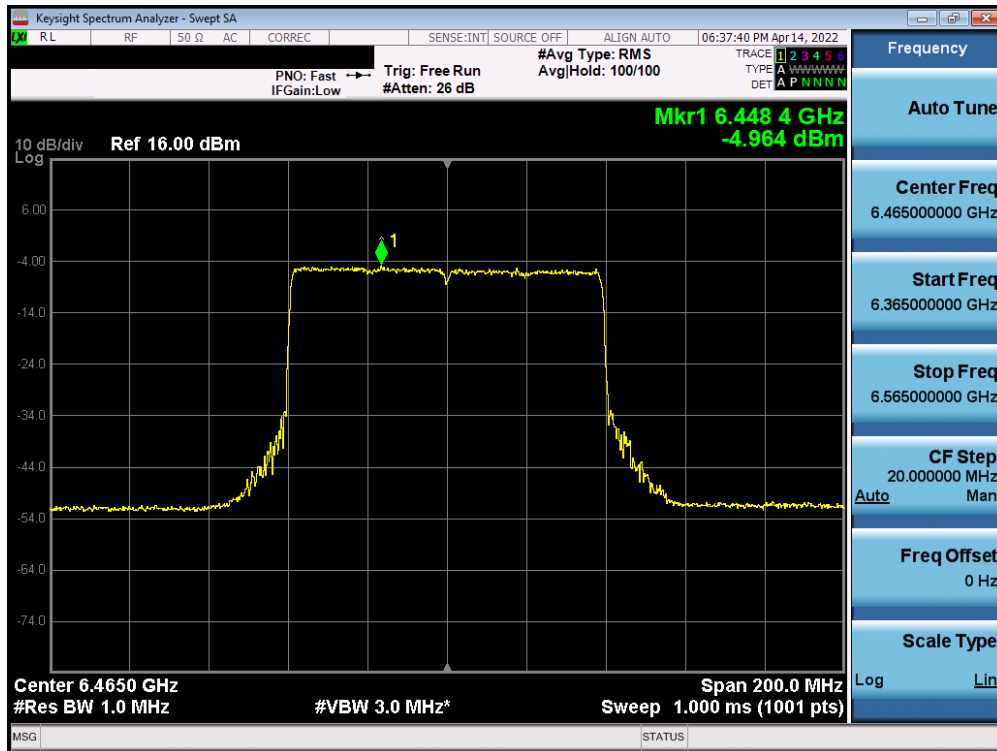


Plot 7-457. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 107)

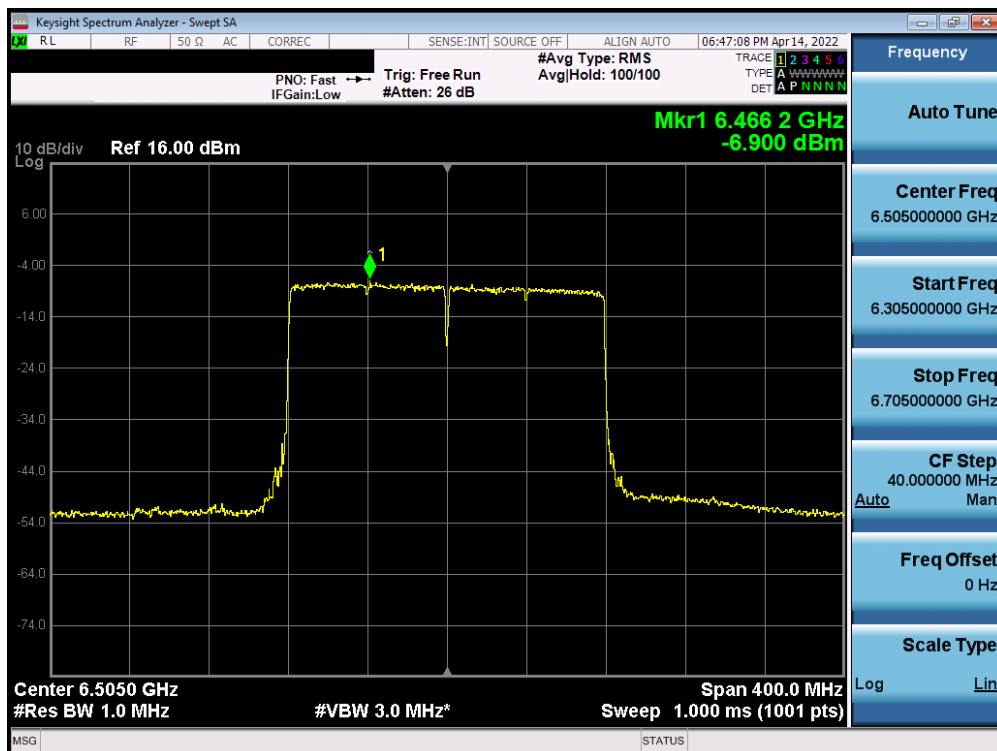


Plot 7-458. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 115)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device		Page 281 of 630

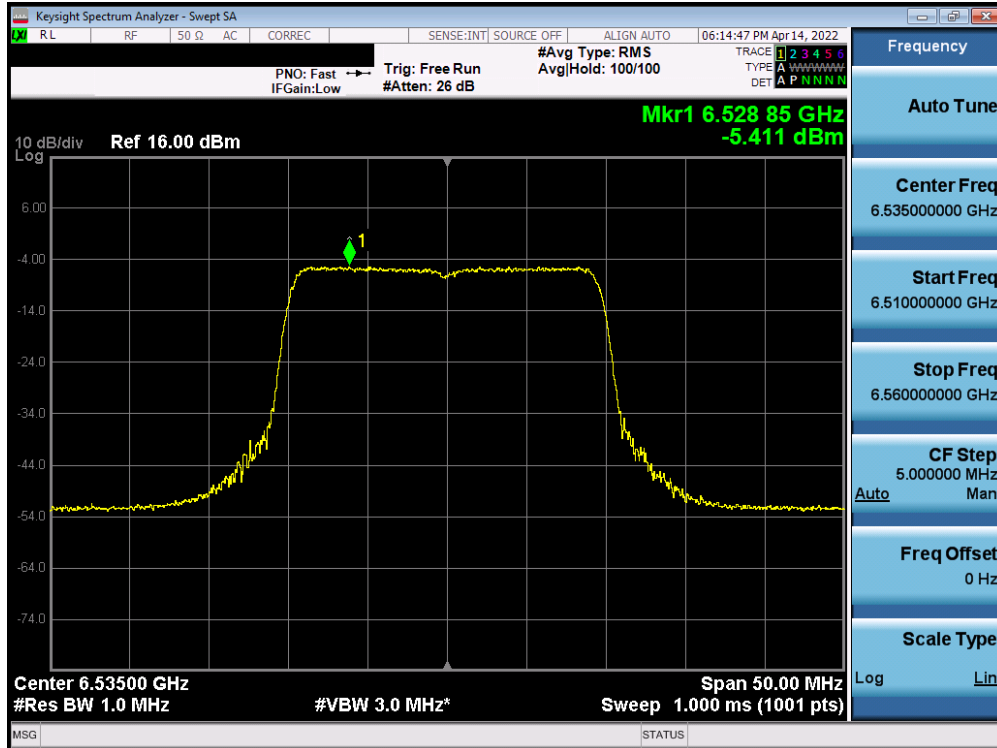


Plot 7-459. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 103)

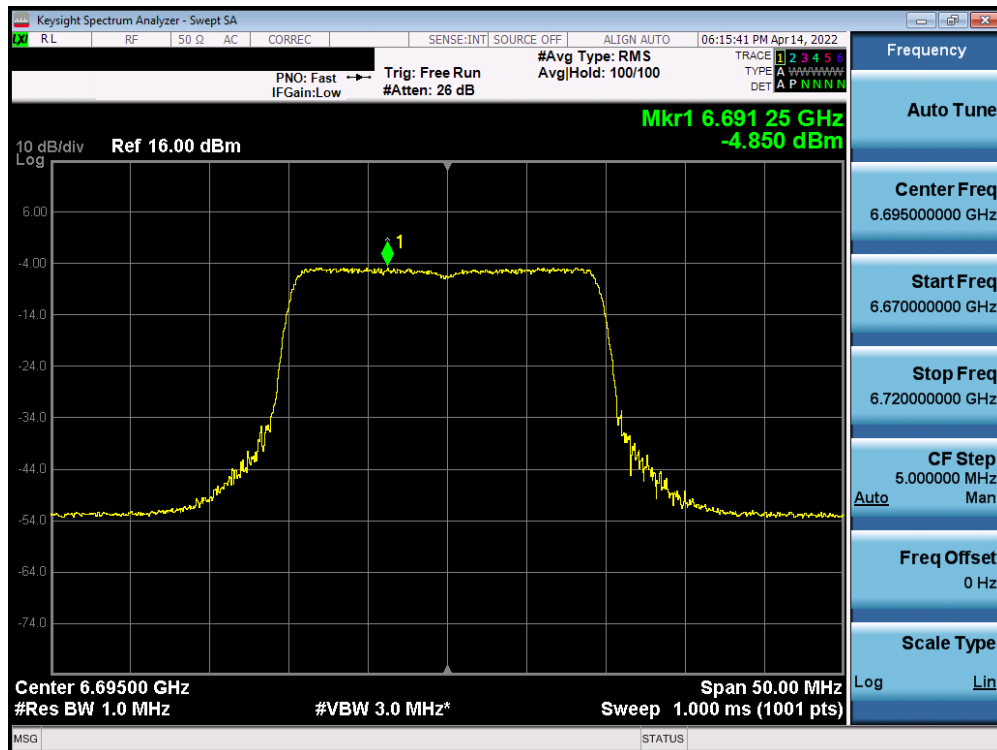


Plot 7-460. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 6) – Ch. 111)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 282 of 630

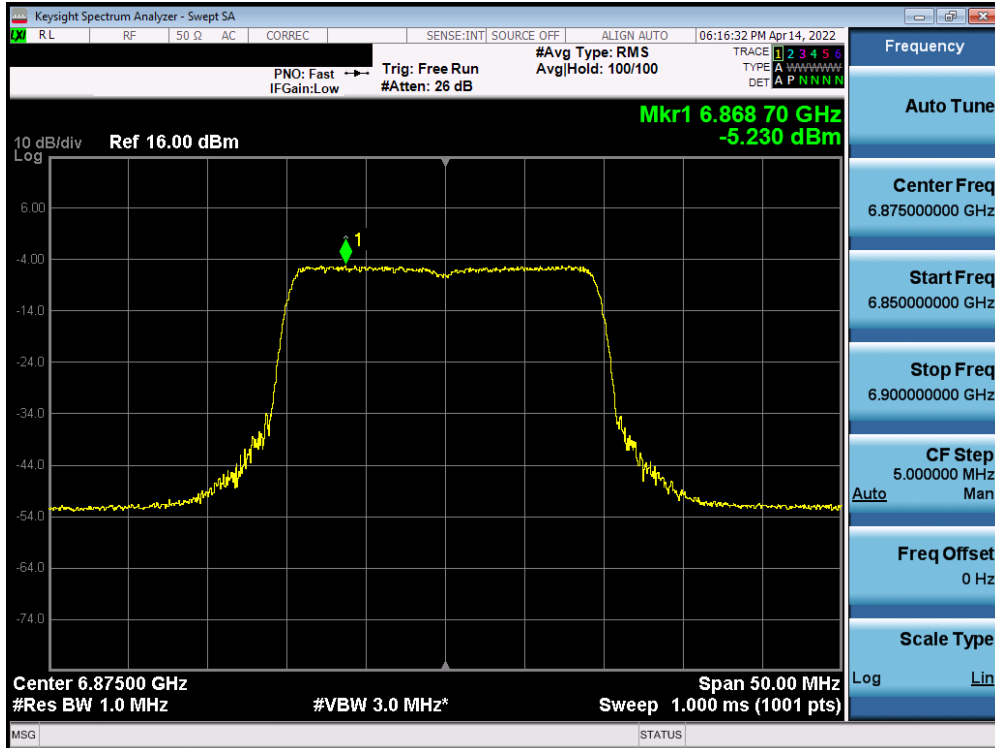


Plot 7-461. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 117)

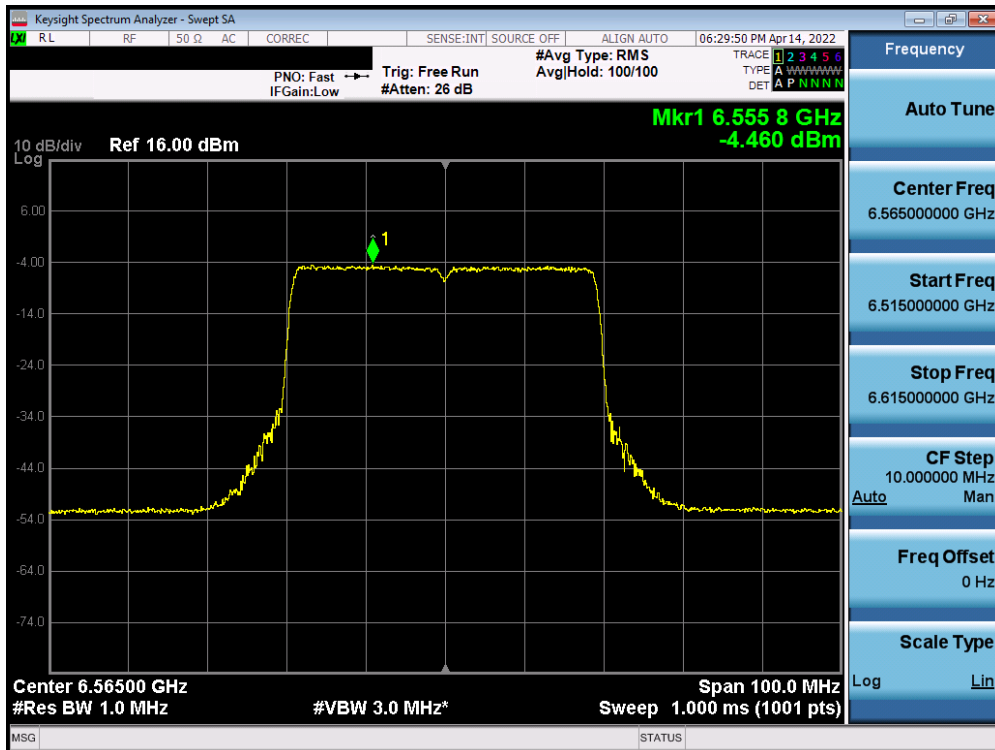


Plot 7-462. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 149)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 283 of 630

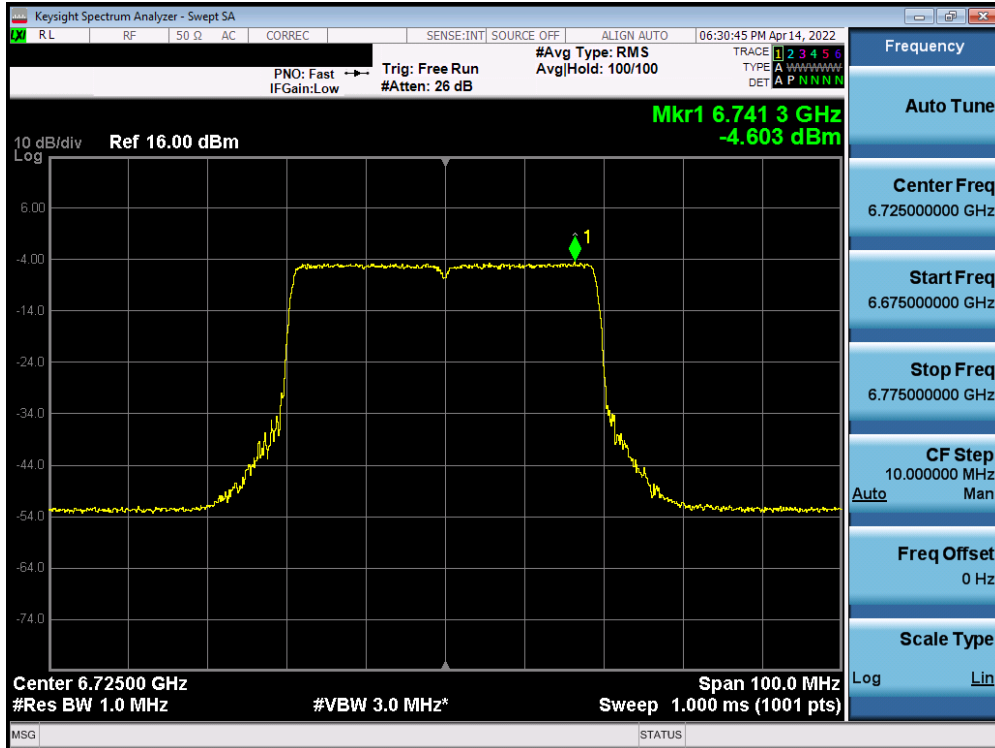


Plot 7-463. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 185)

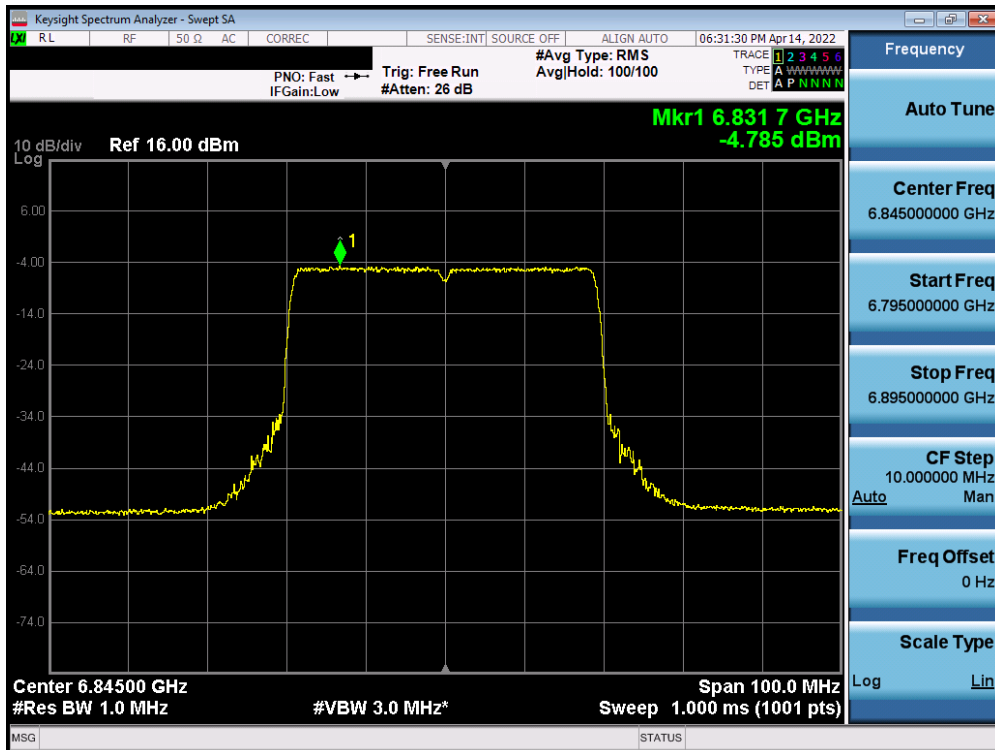


Plot 7-464. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 123)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 284 of 630

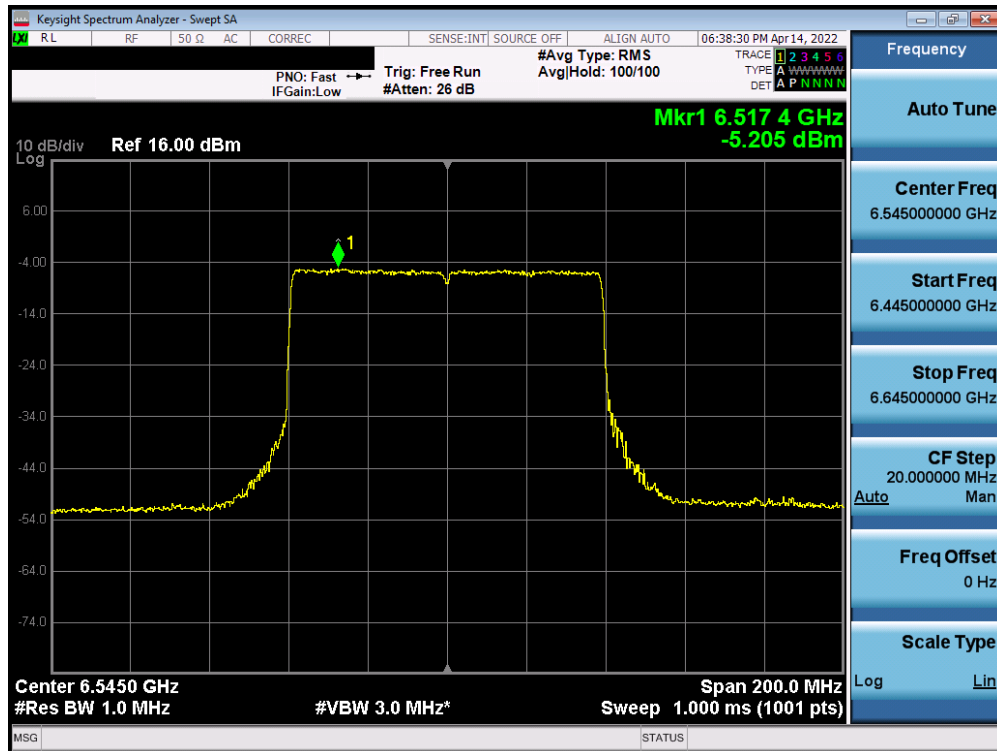


Plot 7-465. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 155)

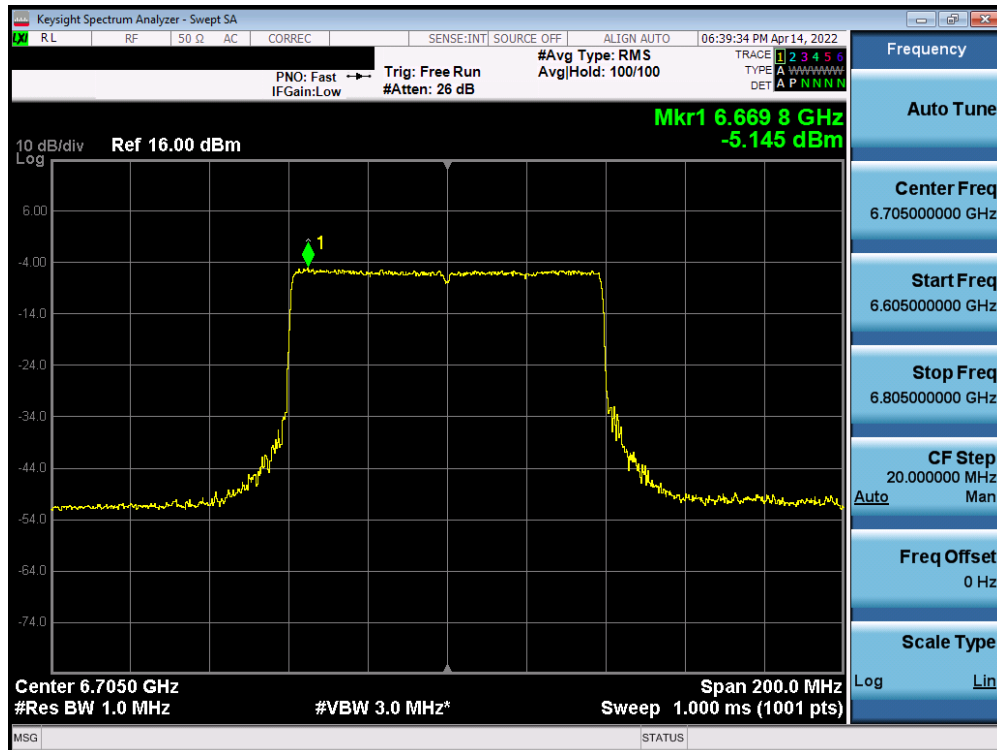


Plot 7-466. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 179)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 285 of 630

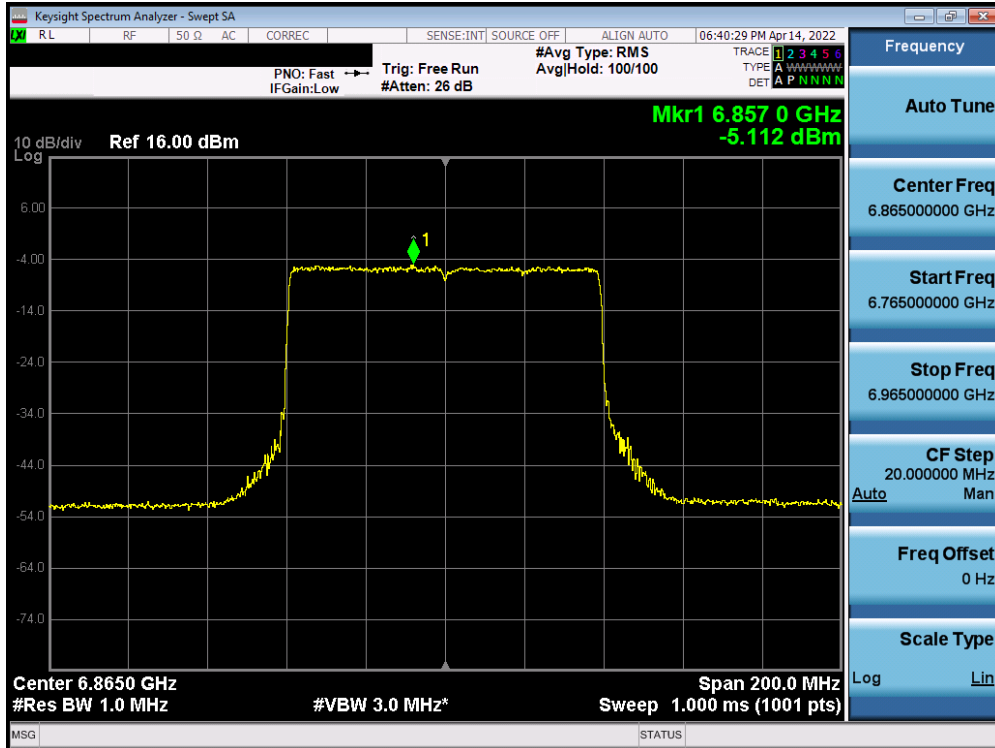


Plot 7-467. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 119)

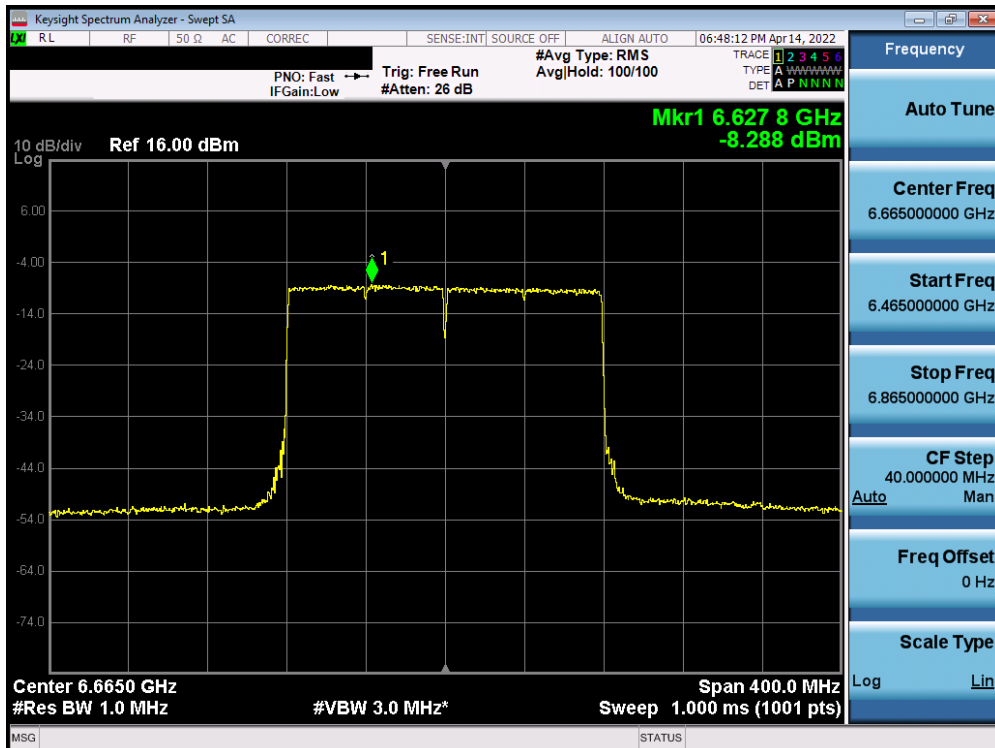


Plot 7-468. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 151)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 286 of 630

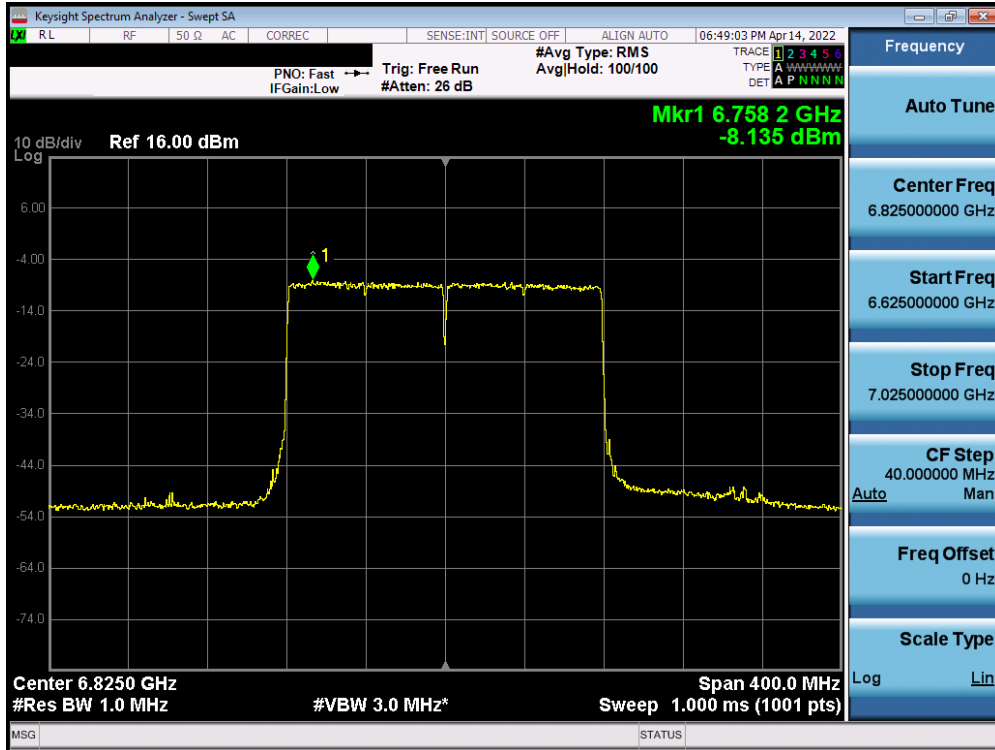


Plot 7-469. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 183)

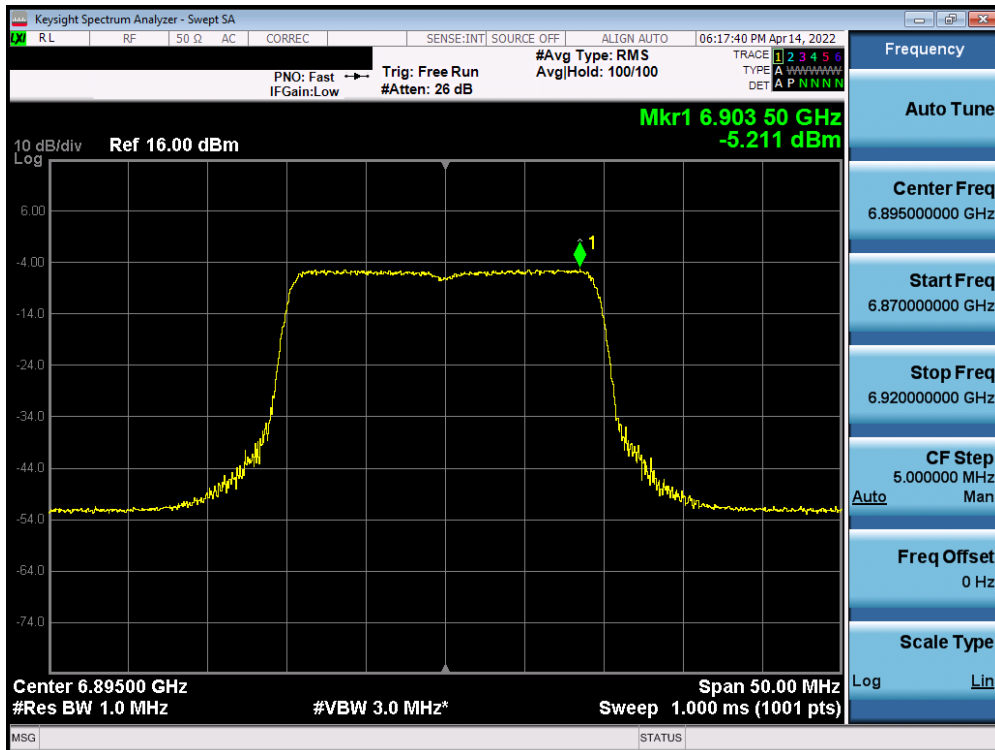


Plot 7-470. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 143)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 287 of 630

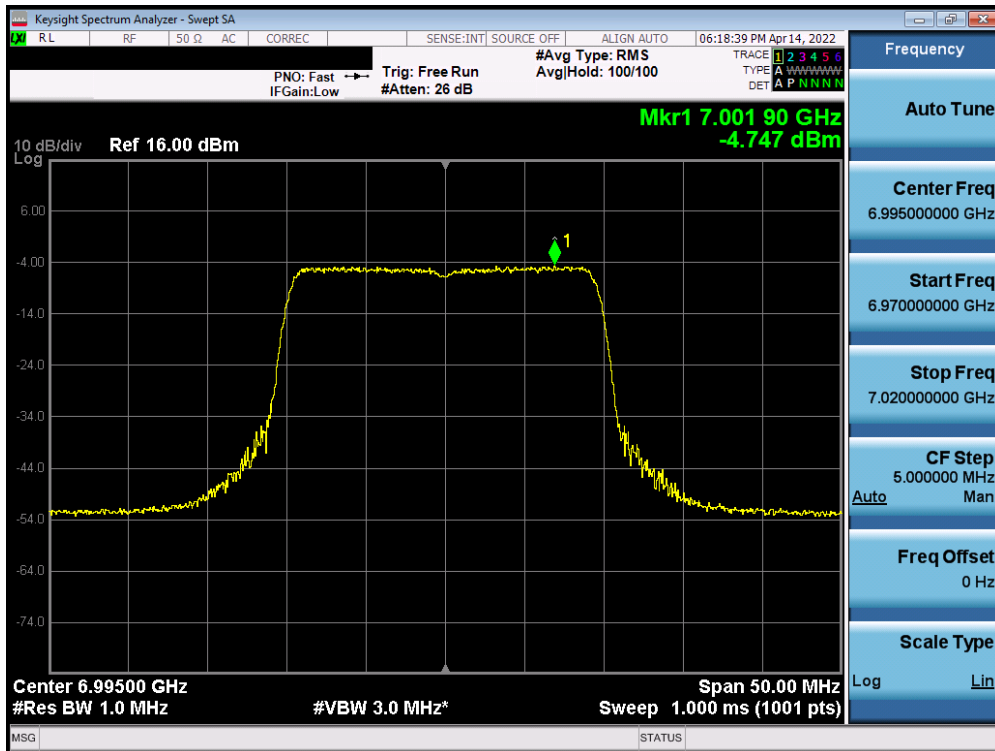


Plot 7-471. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 7) – Ch. 175)

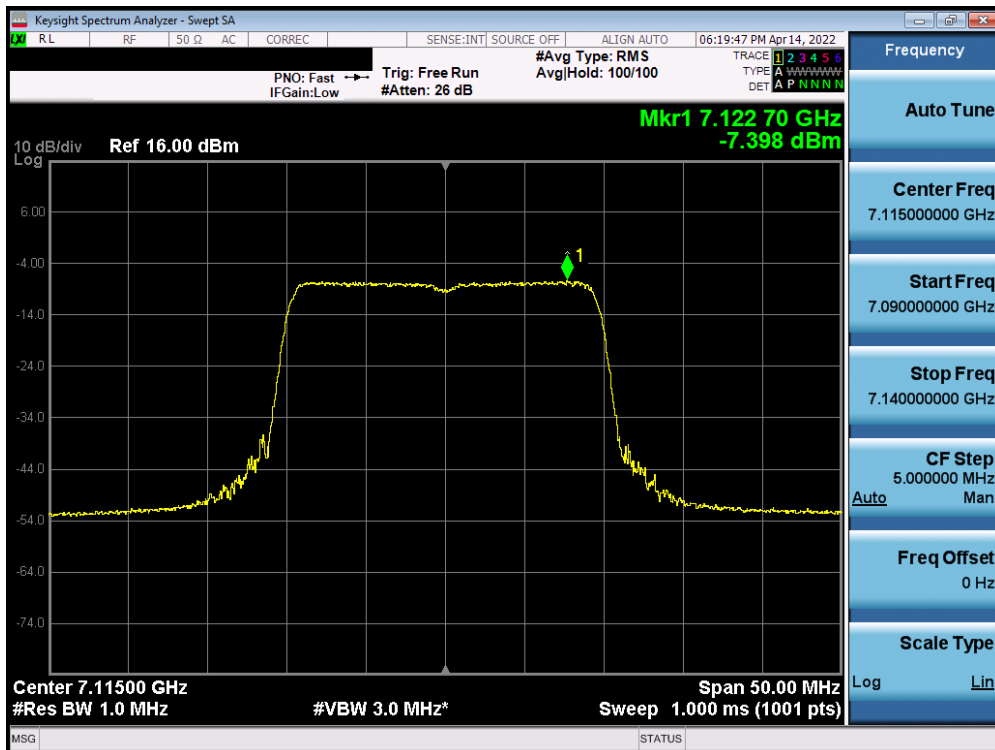


Plot 7-472. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 189)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 288 of 630

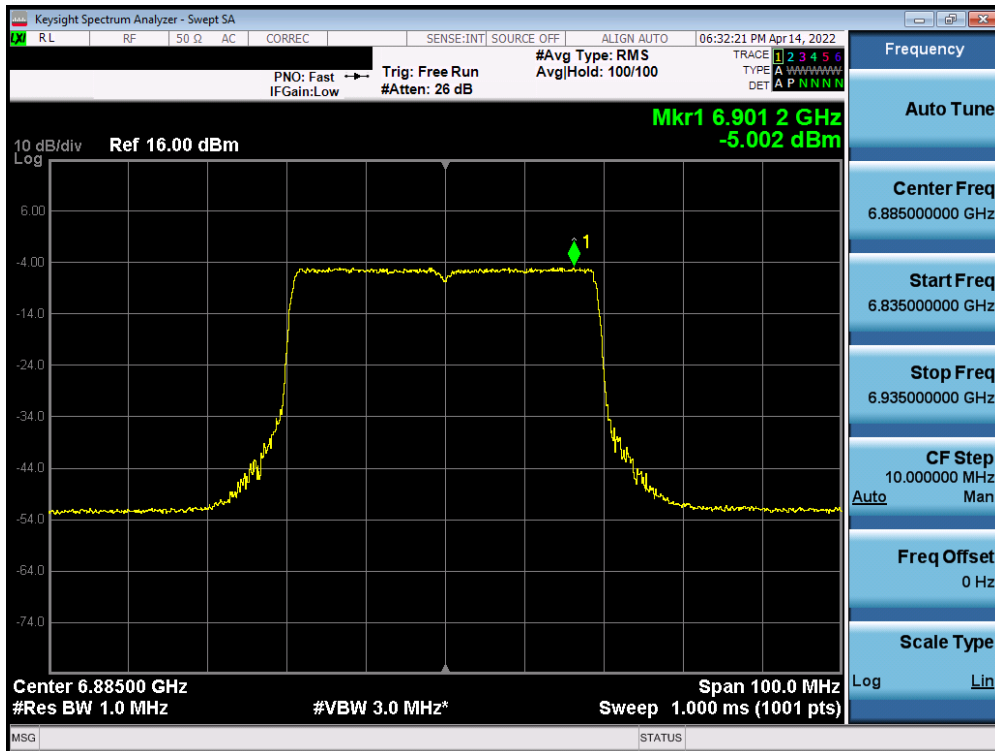


Plot 7-473. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 209)

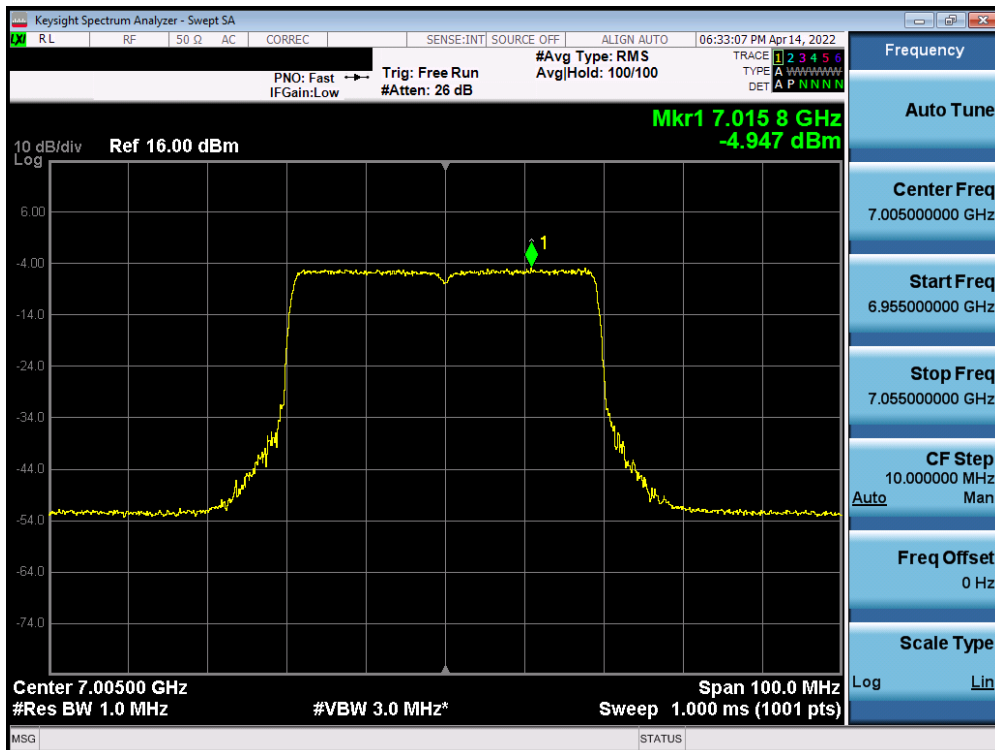


Plot 7-474. Power Spectral Density Plot SISO ANT2 (20MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 233)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 289 of 630

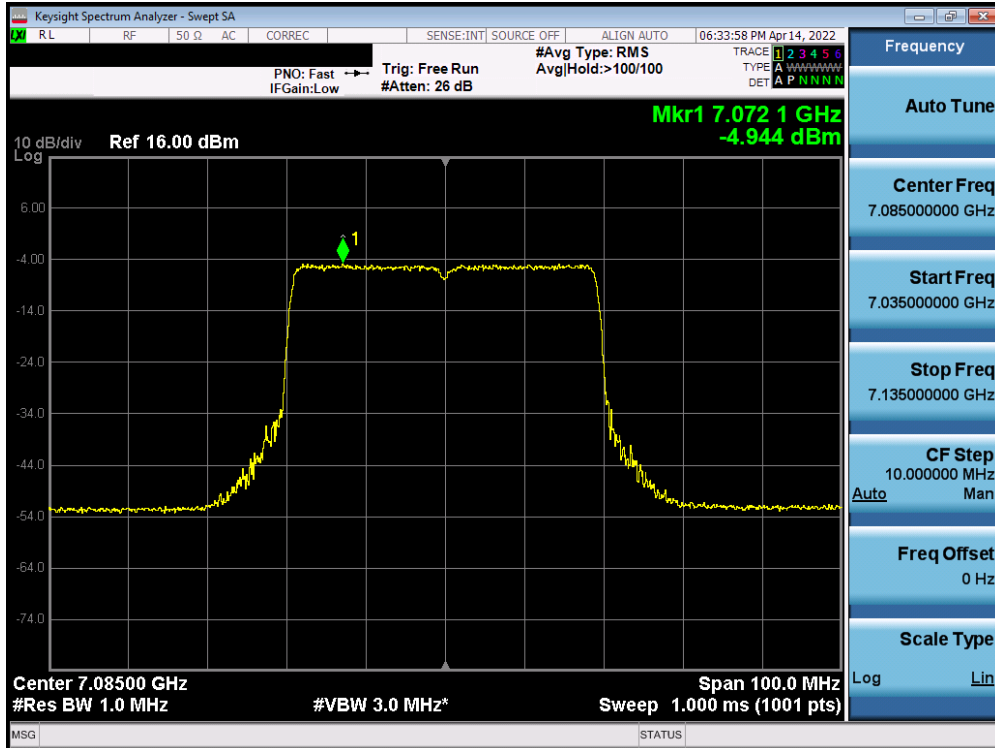


Plot 7-475. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 187)

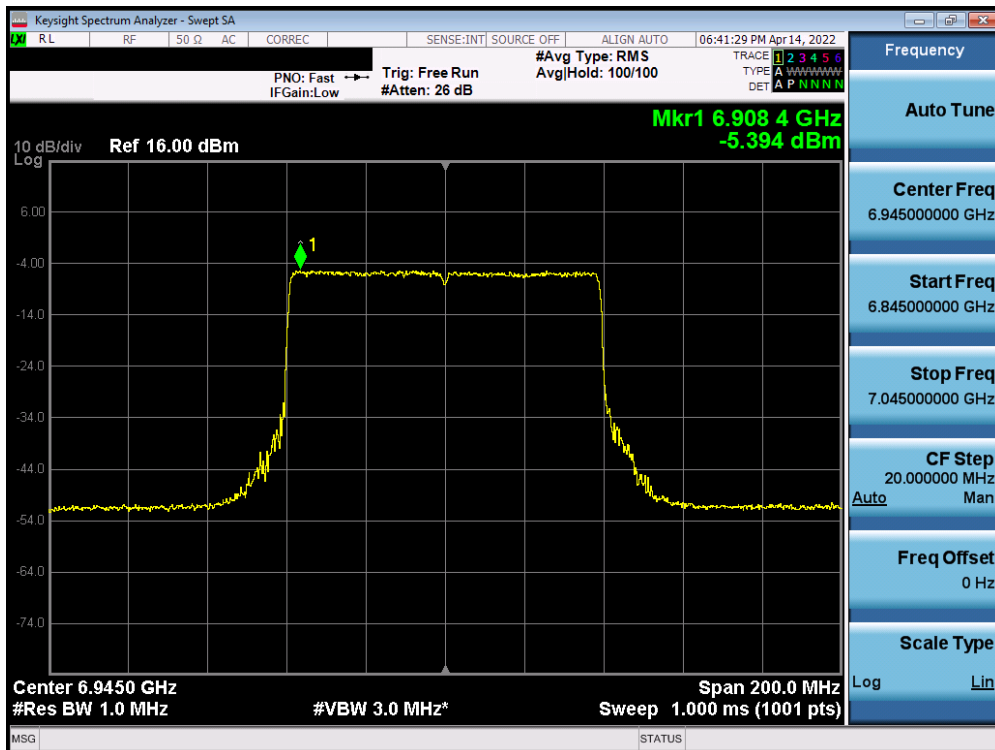


Plot 7-476. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 211)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 290 of 630

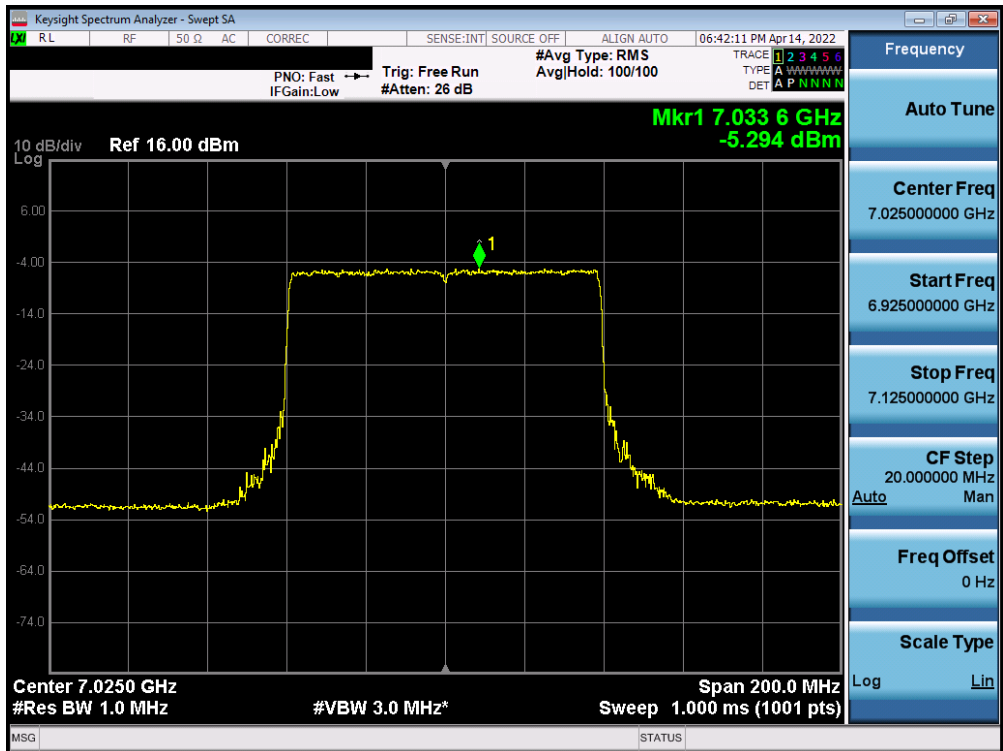


Plot 7-477. Power Spectral Density Plot SISO ANT2 (40MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 227)

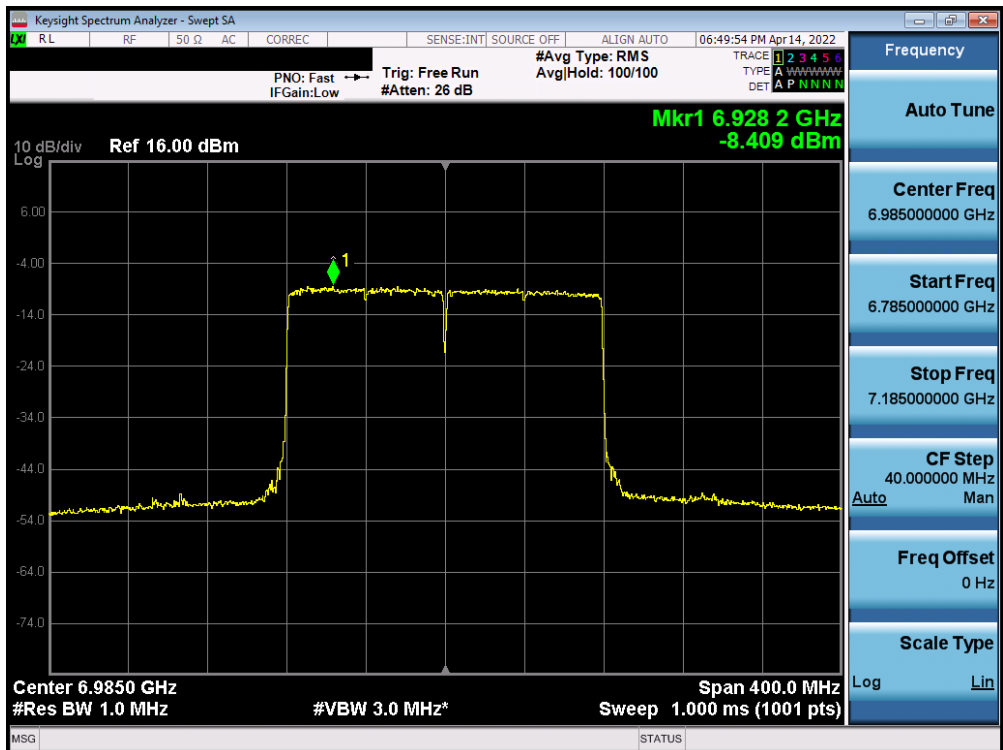


Plot 7-478. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 199)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 291 of 630



Plot 7-479. Power Spectral Density Plot SISO ANT2 (80MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 215)



Plot 7-480. Power Spectral Density Plot SISO ANT2 (160MHz BW 802.11ax (Full Tone) (UNII Band 8) – Ch. 207)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 292 of 630

MIMO Power Spectral Density Measurements

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	5935	2	ax (20MHz)	-11.96	-11.76	3.50	3.20	-8.85	6.36	-2.49	-1	-1.49
	6175	45	ax (20MHz)	-12.15	-11.70	3.50	3.20	-8.91	6.36	-2.55	-1	-1.55
	6415	93	ax (20MHz)	-11.99	-11.66	3.50	3.20	-8.81	6.36	-2.45	-1	-1.45
	5965	3	ax (40MHz)	-12.07	-11.66	3.50	3.20	-8.85	6.36	-2.49	-1	-1.49
	6165	43	ax (40MHz)	-11.98	-11.95	3.50	3.20	-8.95	6.36	-2.59	-1	-1.59
	6405	91	ax (40MHz)	-11.66	-11.12	3.50	3.20	-8.38	6.36	-2.01	-1	-1.01
	5985	7	ax (80MHz)	-11.83	-11.71	3.50	3.20	-8.76	6.36	-2.40	-1	-1.40
	6145	39	ax (80MHz)	-12.02	-11.38	3.50	3.20	-8.68	6.36	-2.31	-1	-1.31
	6385	87	ax (80MHz)	-11.68	-11.81	3.50	3.20	-8.74	6.36	-2.37	-1	-1.37
	6025	15	ax (160MHz)	-11.85	-11.92	3.50	3.20	-8.87	6.36	-2.51	-1	-1.51
6185	47	ax (160MHz)	-12.20	-11.97	3.50	3.20	-9.07	6.36	-2.71	-1	-1.71	
6345	79	ax (160MHz)	-11.60	-11.22	3.50	3.20	-8.39	6.36	-2.03	-1	-1.03	
Band 6	6435	97	ax (20MHz)	-9.97	-11.25	3.40	2.40	-7.55	5.92	-1.63	-1	-0.63
	6475	105	ax (20MHz)	-11.90	-11.64	3.40	2.40	-8.75	5.92	-2.83	-1	-1.83
	6515	113	ax (20MHz)	-11.82	-11.95	3.40	2.40	-8.87	5.92	-2.95	-1	-1.95
	6445	99	ax (40MHz)	-11.69	-11.27	3.40	2.40	-8.46	5.92	-2.54	-1	-1.54
	6485	107	ax (40MHz)	-12.05	-11.38	3.40	2.40	-8.69	5.92	-2.77	-1	-1.77
	6525	115	ax (40MHz)	-11.95	-11.65	3.40	3.30	-8.79	6.36	-2.43	-1	-1.43
	6465	103	ax (80MHz)	-11.56	-11.52	3.40	3.30	-8.53	6.36	-2.17	-1	-1.17
6505	111	ax (80MHz)	-11.81	-11.68	3.40	3.30	-8.73	6.36	-2.37	-1	-1.37	
Band 7	6535	117	ax (20MHz)	-11.64	-11.94	3.40	3.30	-8.78	6.36	-2.42	-1	-1.42
	6695	149	ax (20MHz)	-12.22	-11.20	3.40	3.30	-8.67	6.36	-2.31	-1	-1.31
	6875	185	ax (20MHz)	-12.50	-11.86	3.40	3.30	-9.16	6.36	-2.80	-1	-1.80
	6565	123	ax (40MHz)	-11.69	-12.14	3.40	3.30	-8.90	6.36	-2.54	-1	-1.54
	6725	155	ax (40MHz)	-11.89	-11.28	3.40	3.30	-8.56	6.36	-2.20	-1	-1.20
	6845	179	ax (40MHz)	-12.10	-11.40	3.40	3.30	-8.73	6.36	-2.37	-1	-1.37
	6545	119	ax (80MHz)	-11.87	-11.77	3.40	3.30	-8.81	6.36	-2.45	-1	-1.45
	6705	151	ax (80MHz)	-12.18	-11.54	3.50	3.30	-8.83	6.41	-2.42	-1	-1.42
	6865	183	ax (80MHz)	-12.46	-11.46	3.50	3.30	-8.92	6.41	-2.51	-1	-1.51
	6665	143	ax (160MHz)	-12.25	-11.50	3.50	3.30	-8.85	6.41	-2.44	-1	-1.44
6825	175	ax (160MHz)	-12.21	-11.61	3.50	3.30	-8.89	6.41	-2.48	-1	-1.48	
Band 8	6895	189	ax (20MHz)	-12.36	-11.73	3.50	3.30	-9.02	6.41	-2.61	-1	-1.61
	6995	209	ax (20MHz)	-11.84	-11.72	3.50	3.30	-8.77	6.41	-2.36	-1	-1.36
	7115	233	ax (20MHz)	-11.99	-11.91	3.50	3.30	-8.94	6.41	-2.53	-1	-1.53
	6885	187	ax (40MHz)	-11.71	-11.59	3.50	3.30	-8.64	6.41	-2.23	-1	-1.23
	7005	211	ax (40MHz)	-12.60	-12.26	3.50	3.30	-9.42	6.41	-3.01	-1	-2.01
	7085	227	ax (40MHz)	-11.64	-12.35	3.50	3.30	-8.97	6.41	-2.56	-1	-1.56
	6945	199	ax (80MHz)	-11.84	-11.81	3.50	3.30	-8.81	6.41	-2.40	-1	-1.40
	7025	215	ax (80MHz)	-12.45	-12.07	3.50	3.30	-9.25	6.41	-2.84	-1	-1.84
6985	207	ax (160MHz)	-12.64	-12.27	3.50	3.30	-9.44	6.41	-3.03	-1	-2.03	

Table 7-72. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (26 Tones)

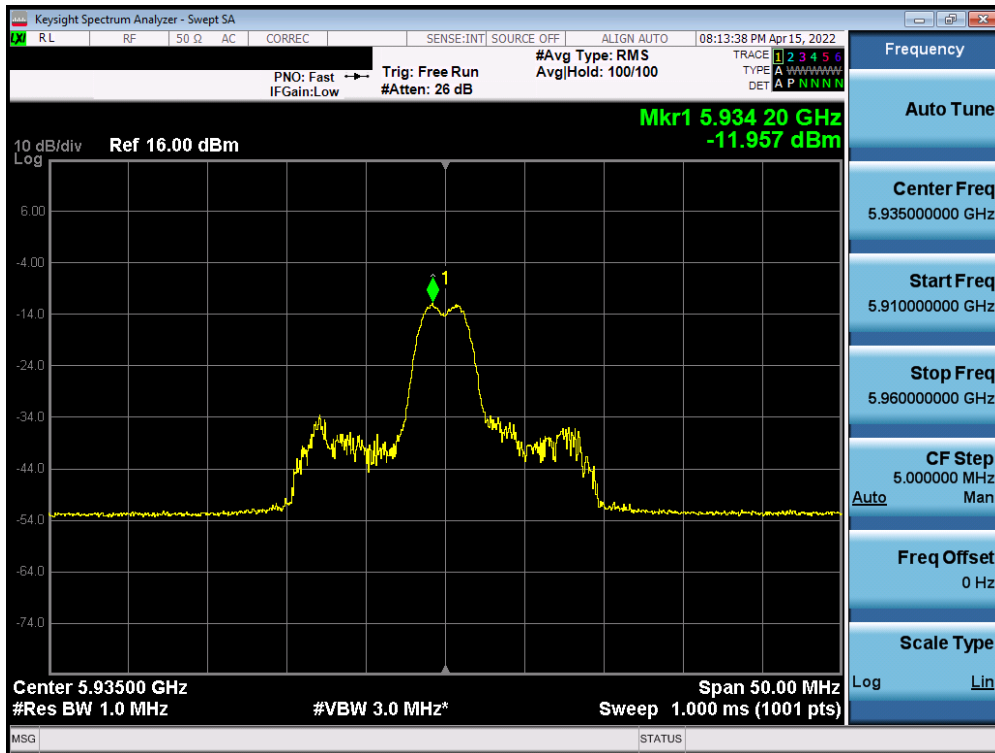
FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 293 of 630

	Frequency [MHz]	Channel	802.11 MODE	Antenna-1 Power Density [dBm]	Antenna-2 Power Density [dBm]	Antenna-1 Gain [dBi]	Antenna-2 Gain [dBi]	Summed MIMO Power Density [dBm]	Directional Gain [dBi]	EIRP [dBm]	Max EIRP [dBm]	Margin [dB]
Band 5	5935	2	ax (20MHz)	-11.27	-11.08	3.50	3.20	-8.16	6.36	-1.80	-1	-0.80
	6175	45	ax (20MHz)	-11.67	-11.13	3.50	3.20	-8.38	6.36	-2.02	-1	-1.02
	6415	93	ax (20MHz)	-10.90	-11.20	3.50	3.20	-8.04	6.36	-1.68	-1	-0.68
	5965	3	ax (40MHz)	-11.46	-11.41	3.50	3.20	-8.43	6.36	-2.07	-1	-1.07
	6165	43	ax (40MHz)	-12.07	-11.63	3.50	3.20	-8.83	6.36	-2.47	-1	-1.47
	6405	91	ax (40MHz)	-11.97	-11.18	3.50	3.20	-8.55	6.36	-2.19	-1	-1.19
	5985	7	ax (80MHz)	-11.80	-11.29	3.50	3.20	-8.53	6.36	-2.17	-1	-1.17
	6145	39	ax (80MHz)	-11.58	-11.51	3.50	3.20	-8.54	6.36	-2.18	-1	-1.18
	6385	87	ax (80MHz)	-11.26	-11.39	3.50	3.20	-8.32	6.36	-1.95	-1	-0.95
	6025	15	ax (160MHz)	-12.37	-11.60	3.50	3.20	-8.96	6.36	-2.60	-1	-1.60
	6185	47	ax (160MHz)	-12.72	-11.80	3.50	3.20	-9.22	6.36	-2.86	-1	-1.86
	6345	79	ax (160MHz)	-12.36	-11.41	3.50	3.20	-8.85	6.36	-2.48	-1	-1.48
Band 6	6435	97	ax (20MHz)	-10.94	-11.16	3.40	2.40	-8.04	5.92	-2.12	-1	-1.12
	6475	105	ax (20MHz)	-11.13	-10.89	3.40	2.40	-7.99	5.92	-2.07	-1	-1.07
	6515	113	ax (20MHz)	-11.01	-11.13	3.40	2.40	-8.06	5.92	-2.14	-1	-1.14
	6445	99	ax (40MHz)	-12.02	-11.42	3.40	2.40	-8.70	5.92	-2.77	-1	-1.77
	6485	107	ax (40MHz)	-12.12	-11.60	3.40	2.40	-8.84	5.92	-2.92	-1	-1.92
	6525	115	ax (40MHz)	-11.70	-11.10	3.40	2.40	-8.38	5.92	-2.45	-1	-1.45
	6465	103	ax (80MHz)	-11.39	-11.25	3.40	2.40	-8.31	5.92	-2.38	-1	-1.38
	6505	111	ax (160MHz)	-12.12	-11.39	3.40	2.40	-8.73	5.92	-2.80	-1	-1.80
	6535	117	ax (20MHz)	-10.96	-10.69	3.40	3.30	-7.81	6.36	-1.45	-1	-0.45
	6695	149	ax (20MHz)	-11.59	-11.04	3.40	3.30	-8.29	6.36	-1.93	-1	-0.93
Band 7	6875	185	ax (20MHz)	-11.68	-11.27	3.40	3.30	-8.46	6.36	-2.10	-1	-1.10
	6565	123	ax (40MHz)	-12.39	-11.49	3.40	3.30	-8.91	6.36	-2.54	-1	-1.54
	6725	155	ax (40MHz)	-12.07	-11.48	3.40	3.30	-8.75	6.36	-2.39	-1	-1.39
	6885	179	ax (40MHz)	-11.44	-11.41	3.40	3.30	-8.42	6.36	-2.06	-1	-1.06
	6545	119	ax (80MHz)	-11.54	-11.45	3.40	3.30	-8.48	6.36	-2.12	-1	-1.12
	6705	151	ax (80MHz)	-11.85	-11.20	3.40	3.30	-8.50	6.36	-2.14	-1	-1.14
	6865	183	ax (80MHz)	-11.90	-11.26	3.40	3.30	-8.56	6.36	-2.20	-1	-1.20
	6665	143	ax (160MHz)	-13.18	-12.13	3.40	3.30	-9.61	6.36	-3.25	-1	-2.25
	6825	175	ax (160MHz)	-12.59	-11.78	3.40	3.30	-9.16	6.36	-2.80	-1	-1.80
	6895	189	ax (20MHz)	-11.57	-11.44	3.50	3.30	-8.49	6.41	-2.08	-1	-1.08
Band 8	6995	209	ax (20MHz)	-11.05	-11.58	3.50	3.30	-8.30	6.41	-1.88	-1	-0.88
	7115	233	ax (20MHz)	-10.72	-11.27	3.50	3.30	-7.97	6.41	-1.56	-1	-0.56
	6845	187	ax (40MHz)	-11.28	-11.47	3.50	3.30	-8.36	6.41	-1.95	-1	-0.95
	7005	211	ax (40MHz)	-11.96	-11.46	3.50	3.30	-8.69	6.41	-2.28	-1	-1.28
	7085	227	ax (40MHz)	-11.38	-11.69	3.50	3.30	-8.52	6.41	-2.11	-1	-1.11
	6945	199	ax (80MHz)	-11.34	-11.91	3.50	3.30	-8.61	6.41	-2.19	-1	-1.19
	7025	215	ax (80MHz)	-11.30	-12.00	3.50	3.30	-8.62	6.41	-2.21	-1	-1.21
	6985	207	ax (160MHz)	-12.11	-11.84	3.50	3.30	-8.96	6.41	-2.55	-1	-1.55

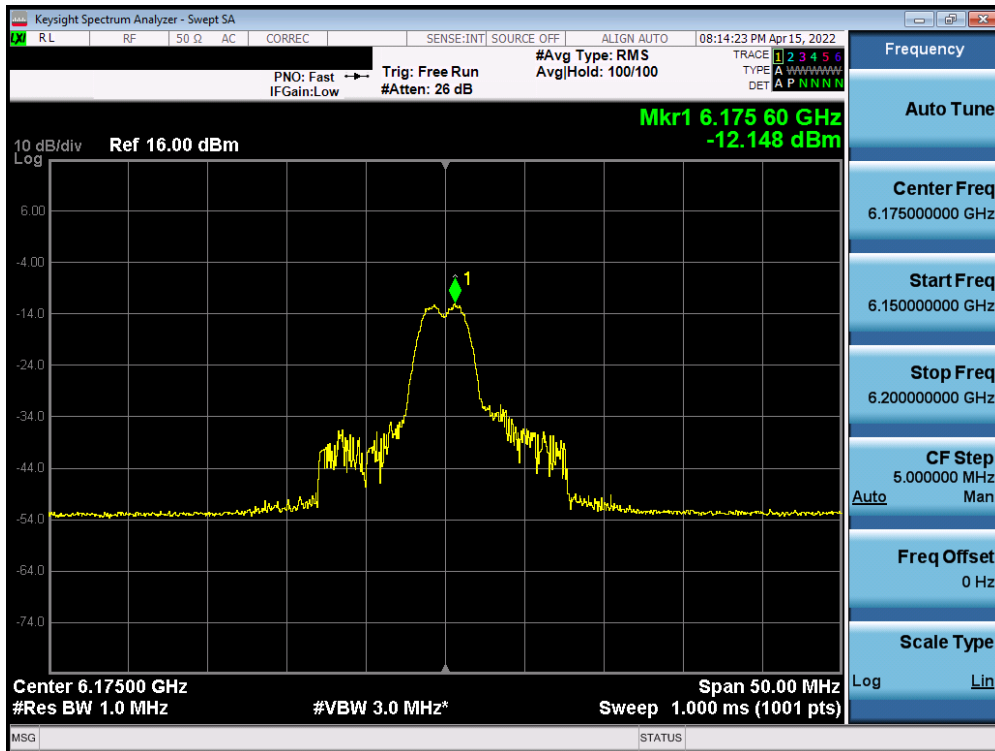
Table 7-73. MIMO e.i.r.p. Conducted Power Spectral Density Measurements (Full Tones)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 294 of 630

MIMO Antenna-1 Power Spectral Density Measurements (26 Tones)



Plot 7-481. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) UNII Band 5) – Ch. 2

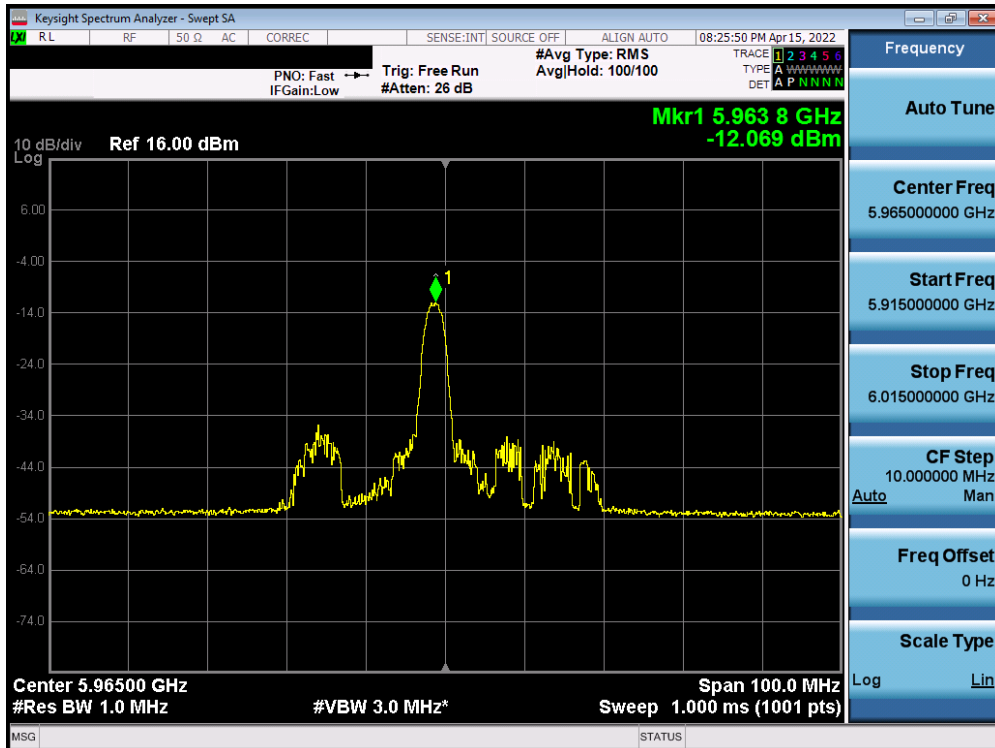


Plot 7-482. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 45)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 295 of 630

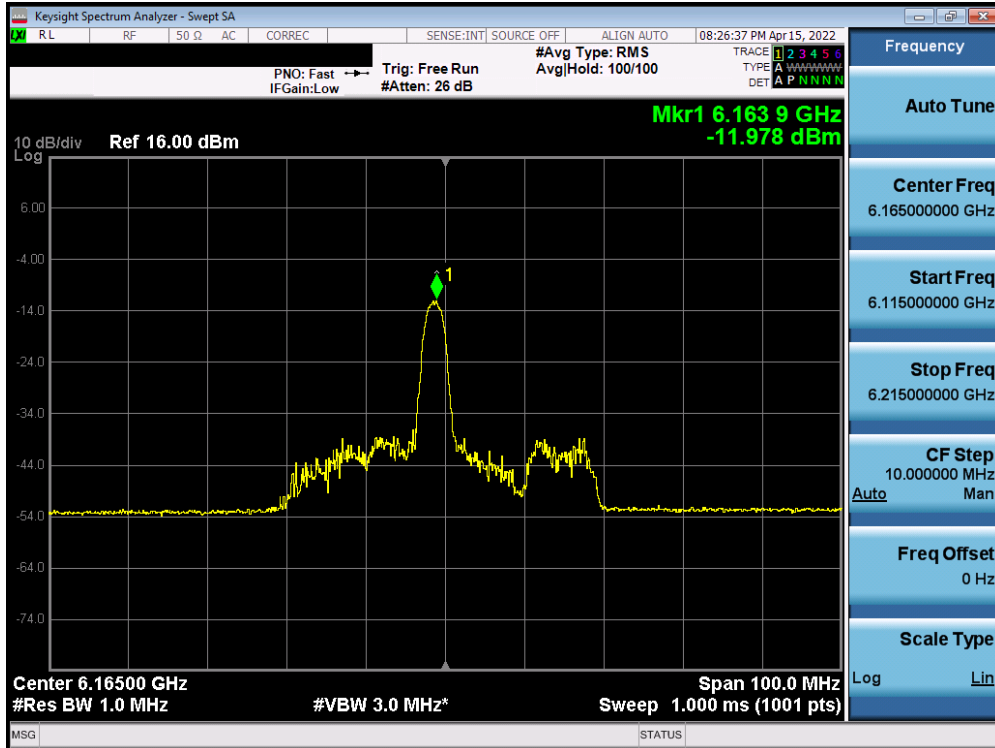


Plot 7-483. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) UNII Band 5) – Ch. 93)



Plot 7-484. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 3)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 296 of 630

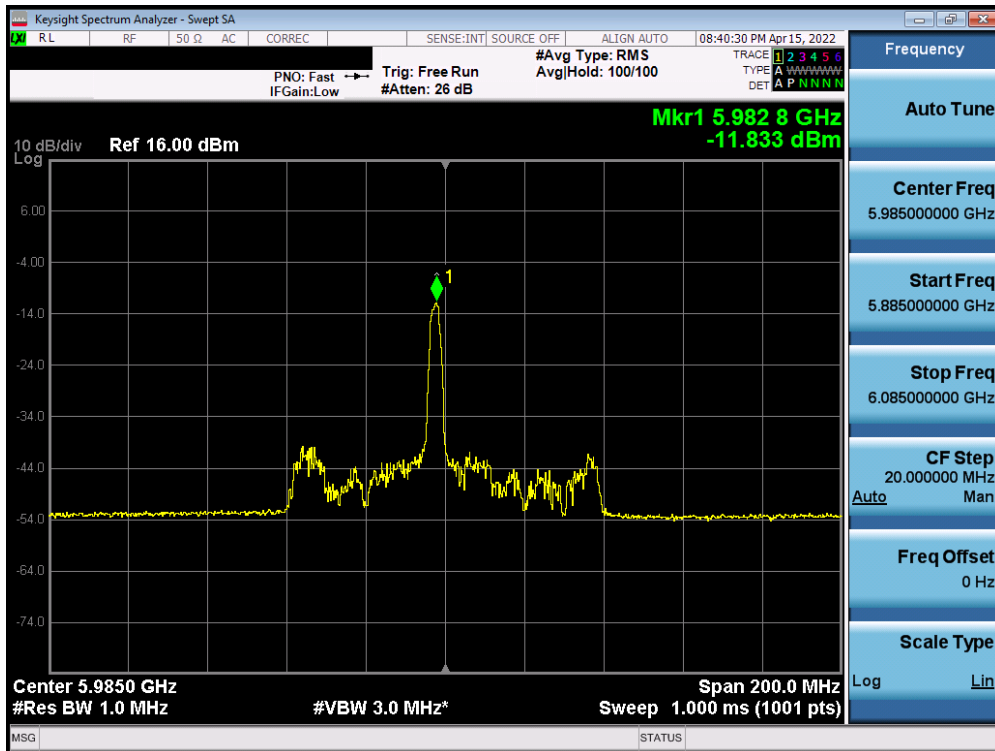


Plot 7-485. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 43)

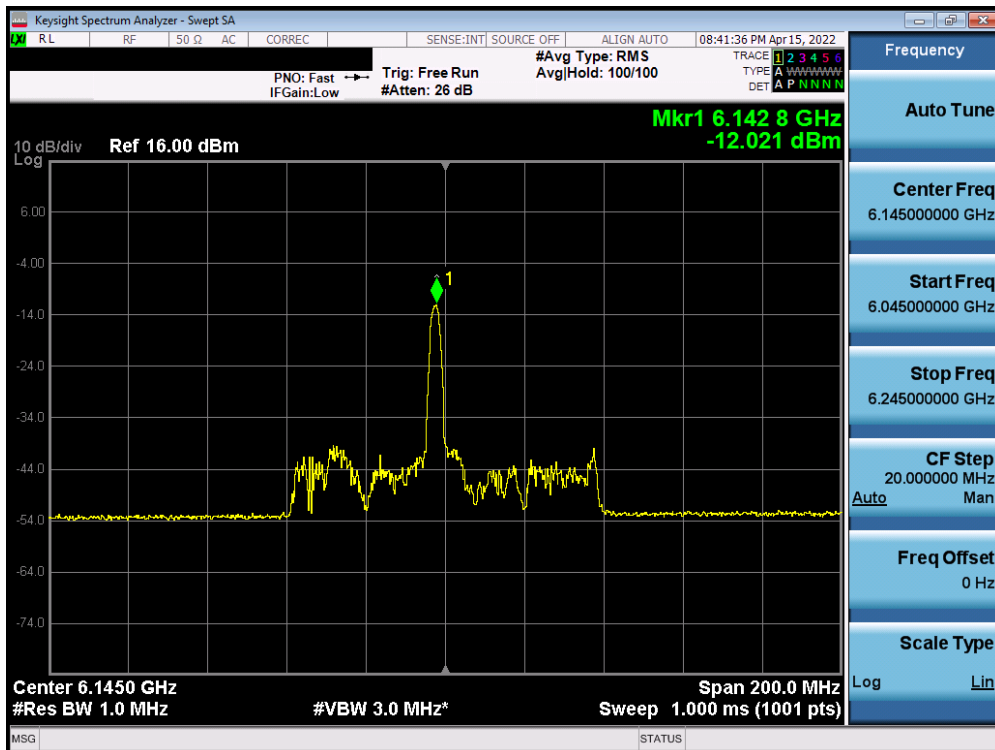


Plot 7-486. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 91)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 297 of 630



Plot 7-487. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 7)

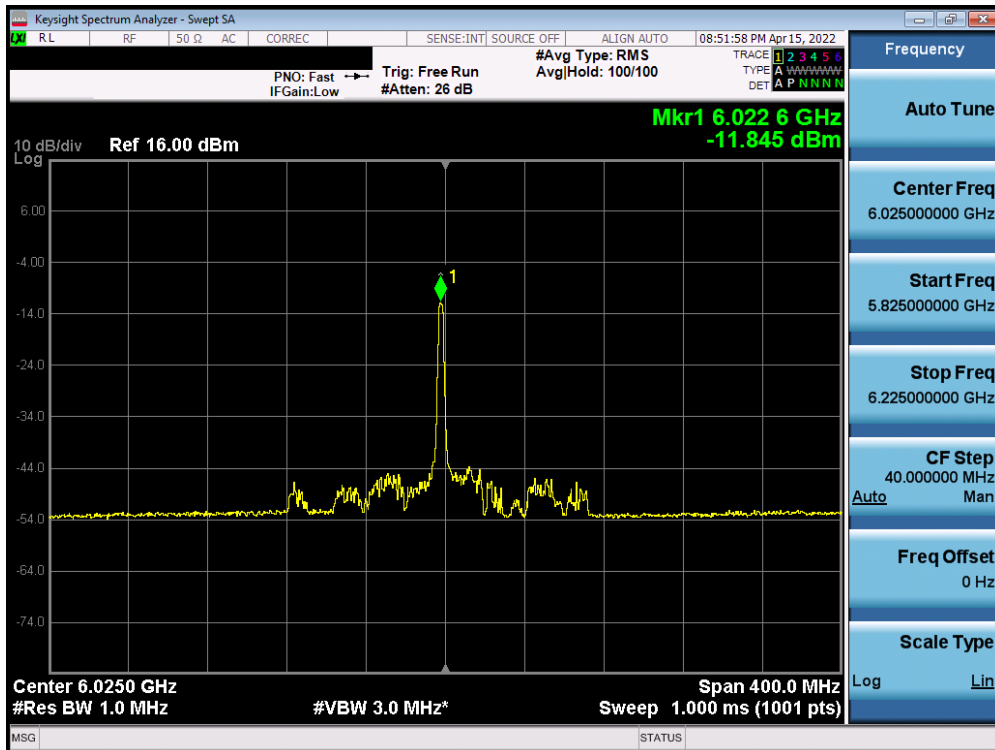


Plot 7-488. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 39)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 298 of 630

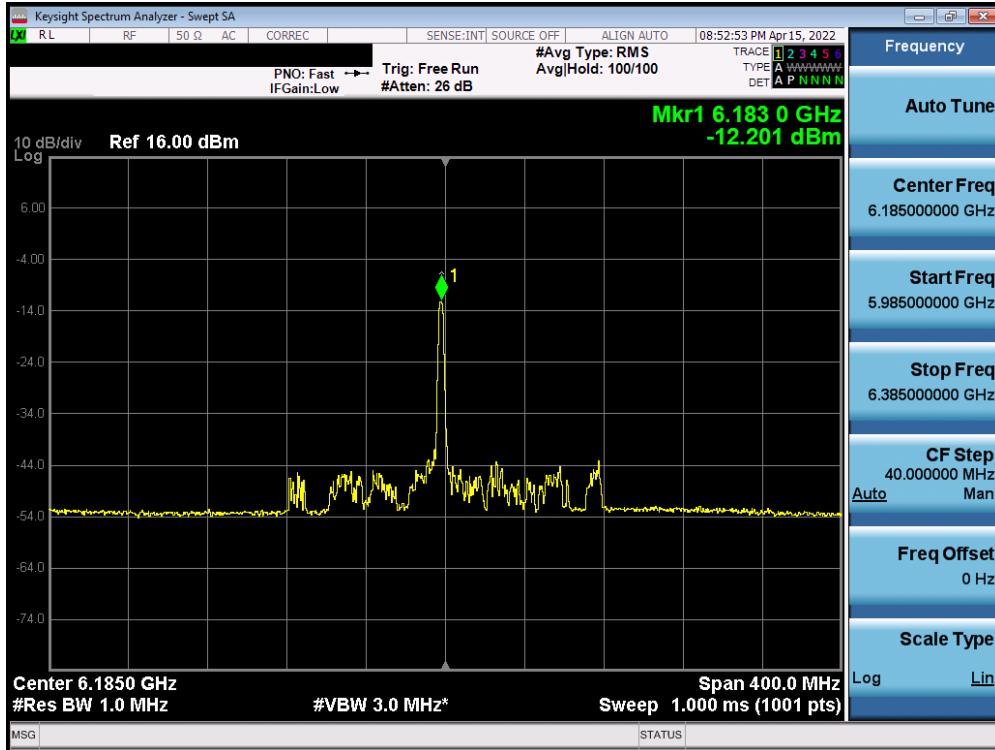


Plot 7-489. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 87)

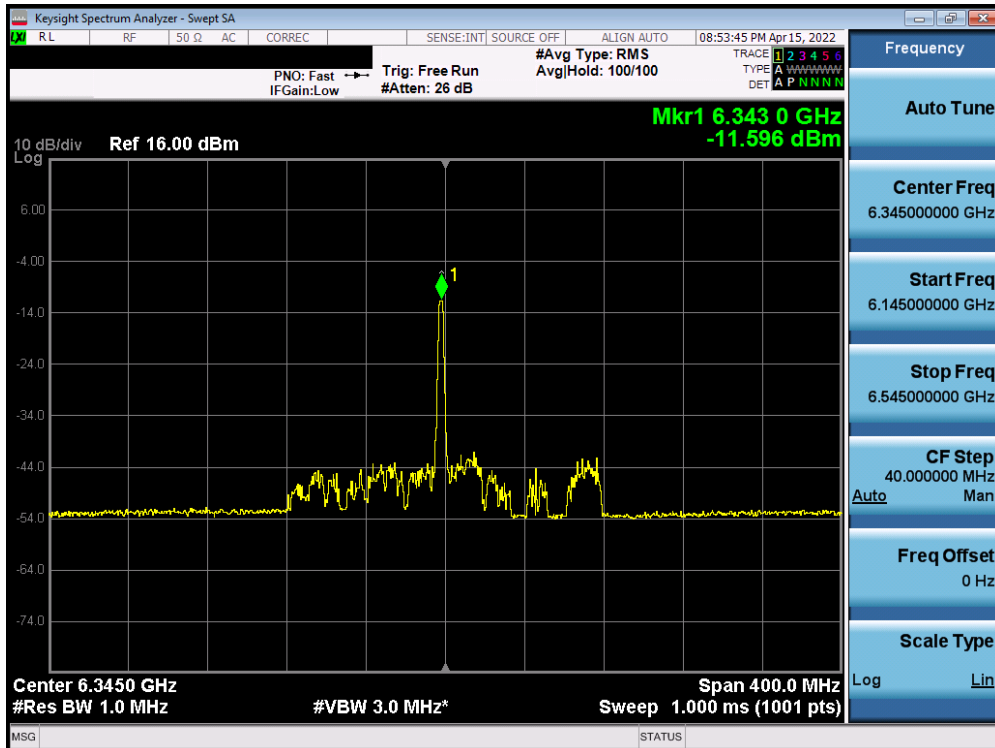


Plot 7-490. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 15)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 299 of 630



Plot 7-491. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 47)

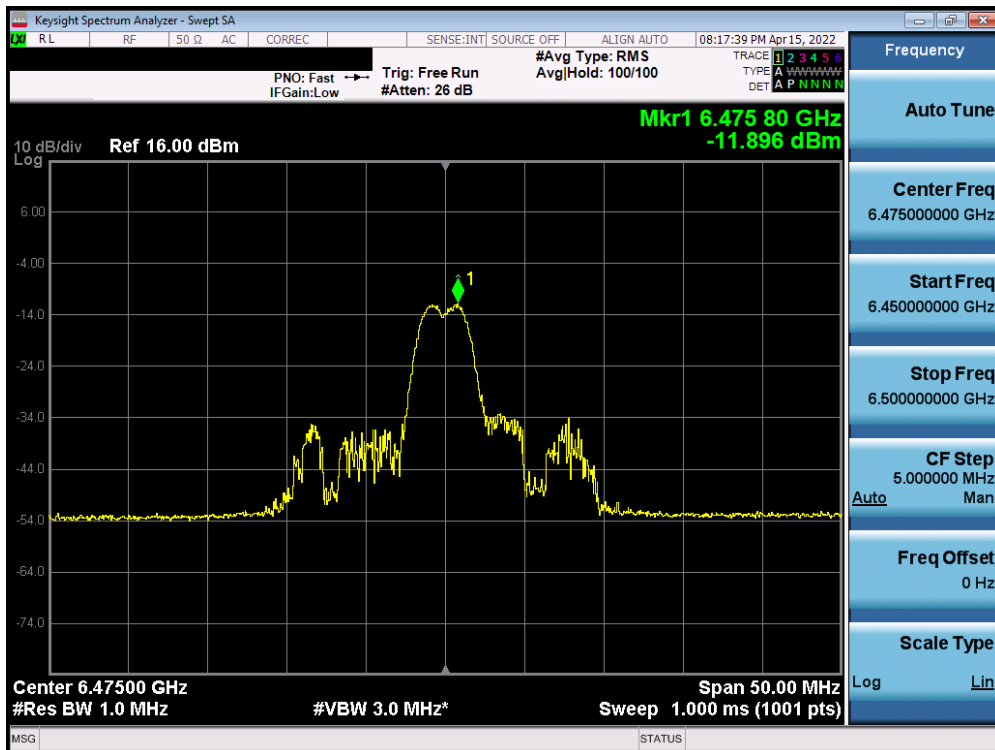


Plot 7-492. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 5) – Ch. 79)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 300 of 630



Plot 7-493. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 97)



Plot 7-494. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 105)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 301 of 630



Plot 7-495. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 113)

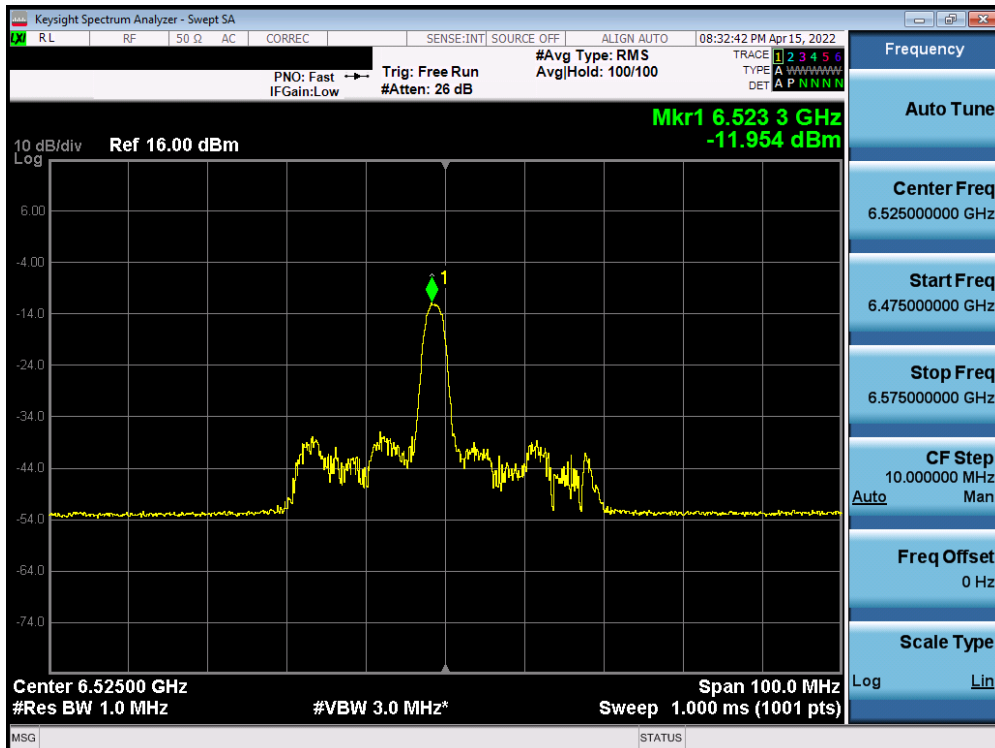


Plot 7-496. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 99)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 302 of 630



Plot 7-497. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 107)

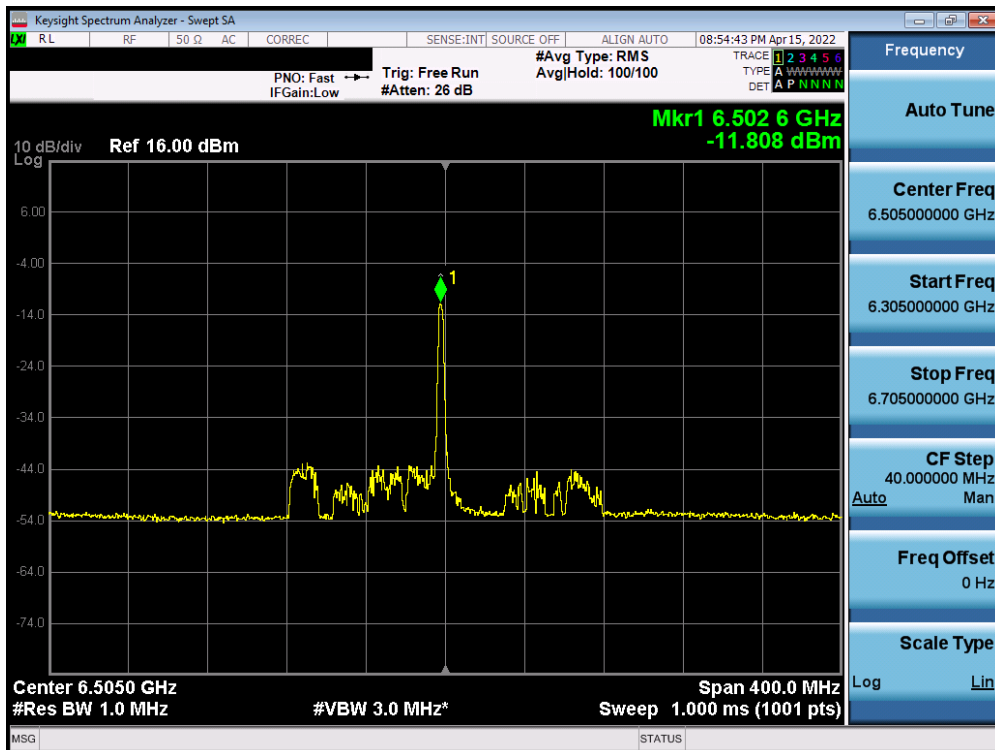


Plot 7-498. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 115)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 303 of 630



Plot 7-499. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 103)

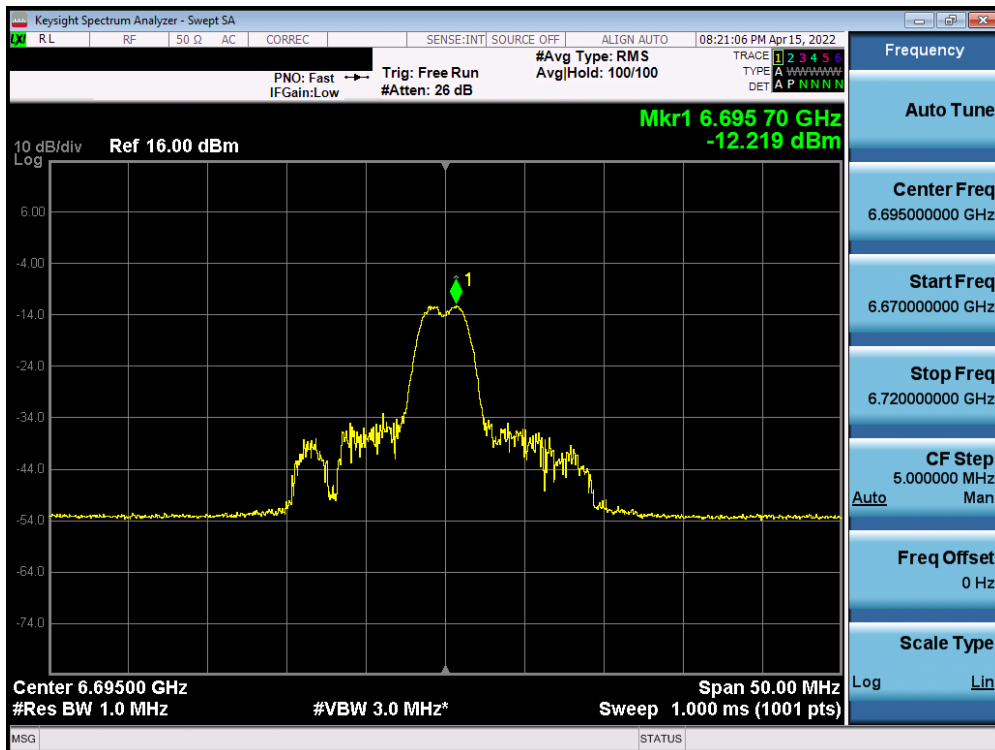


Plot 7-500. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 6) – Ch. 111)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 304 of 630



Plot 7-501. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 117)

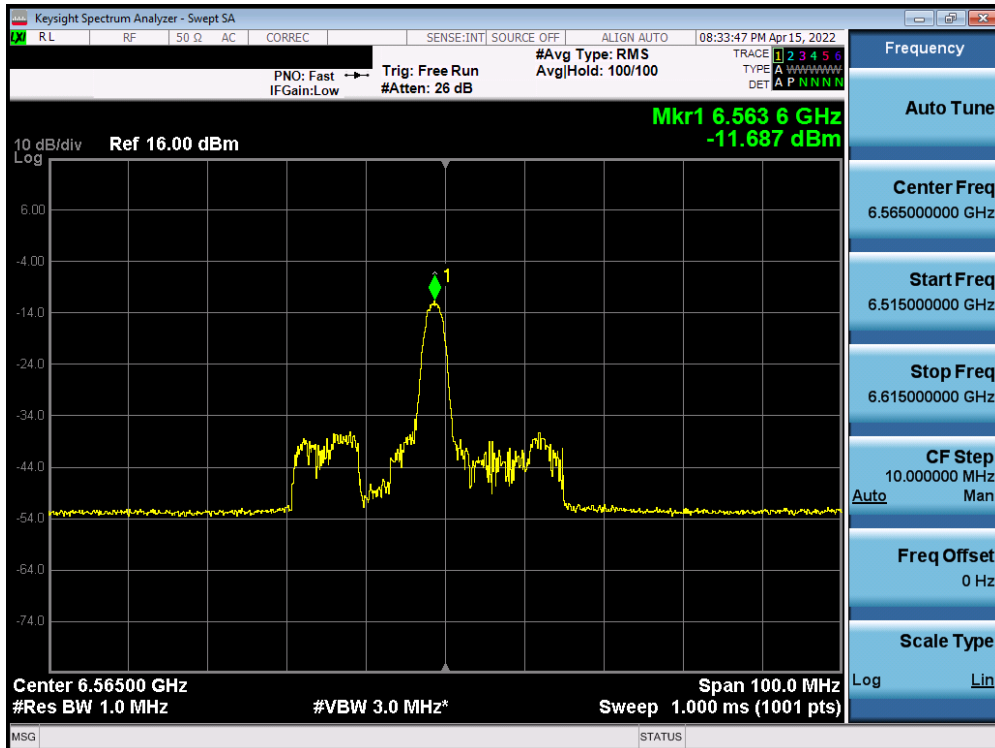


Plot 7-502. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 149)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 305 of 630

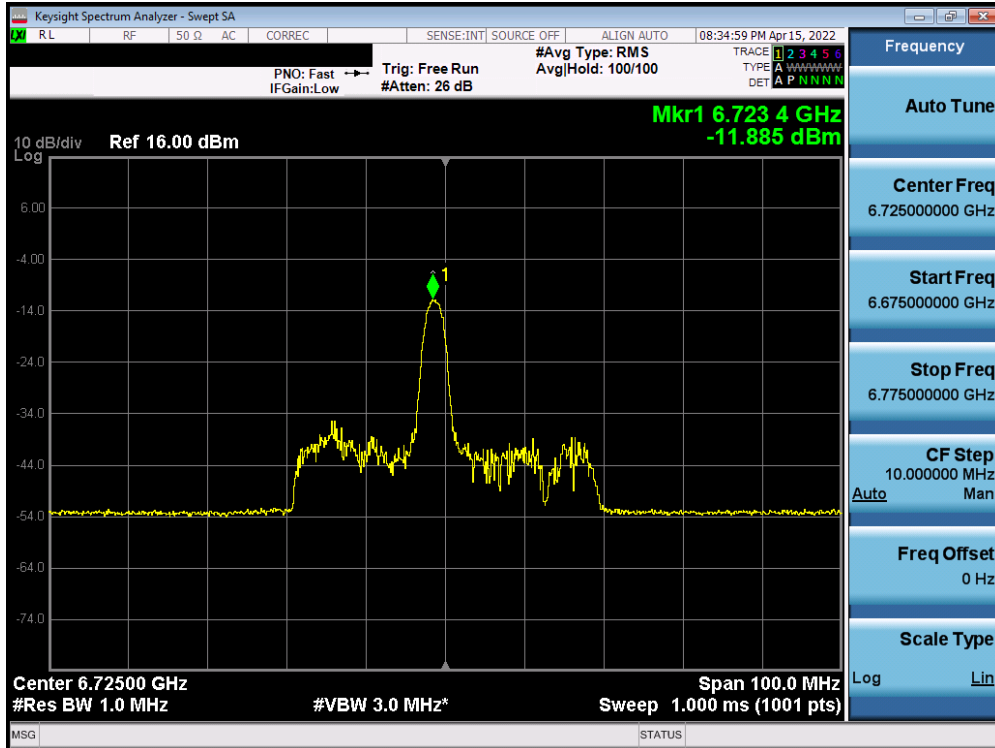


Plot 7-503. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 185)



Plot 7-504. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 123)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 306 of 630

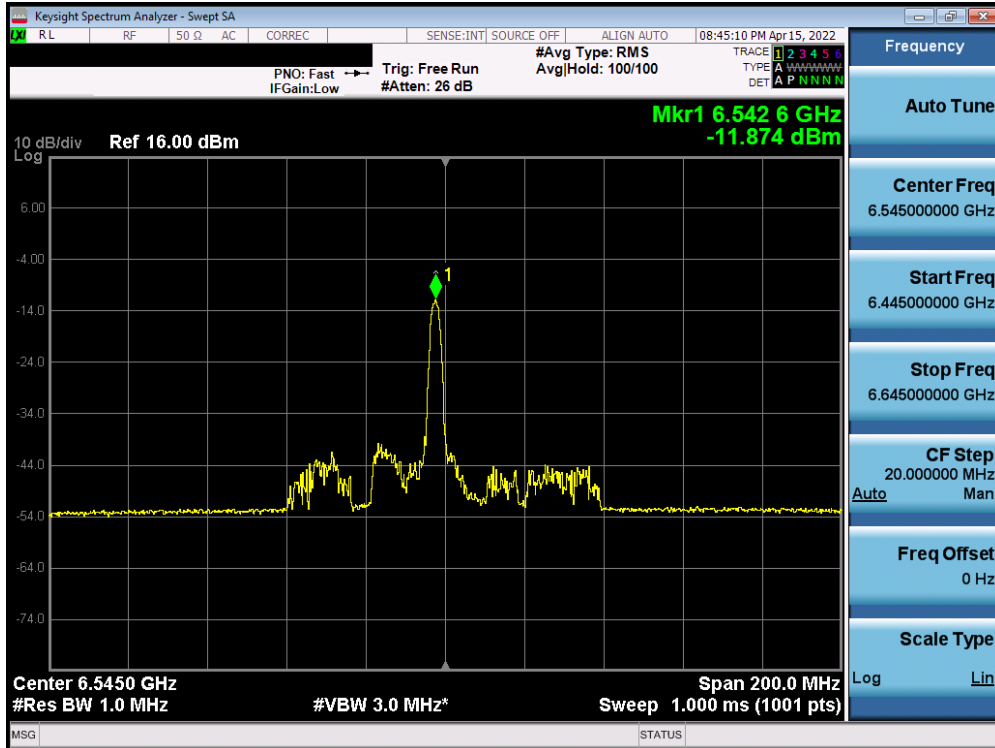


Plot 7-505. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 155)

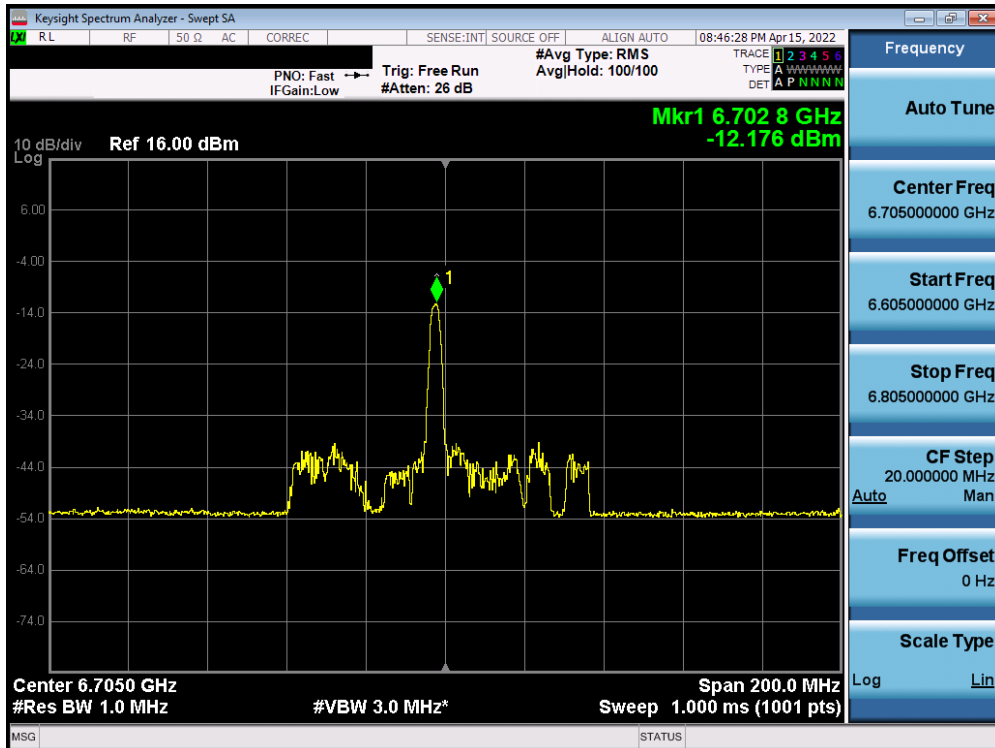


Plot 7-506. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 179)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 307 of 630

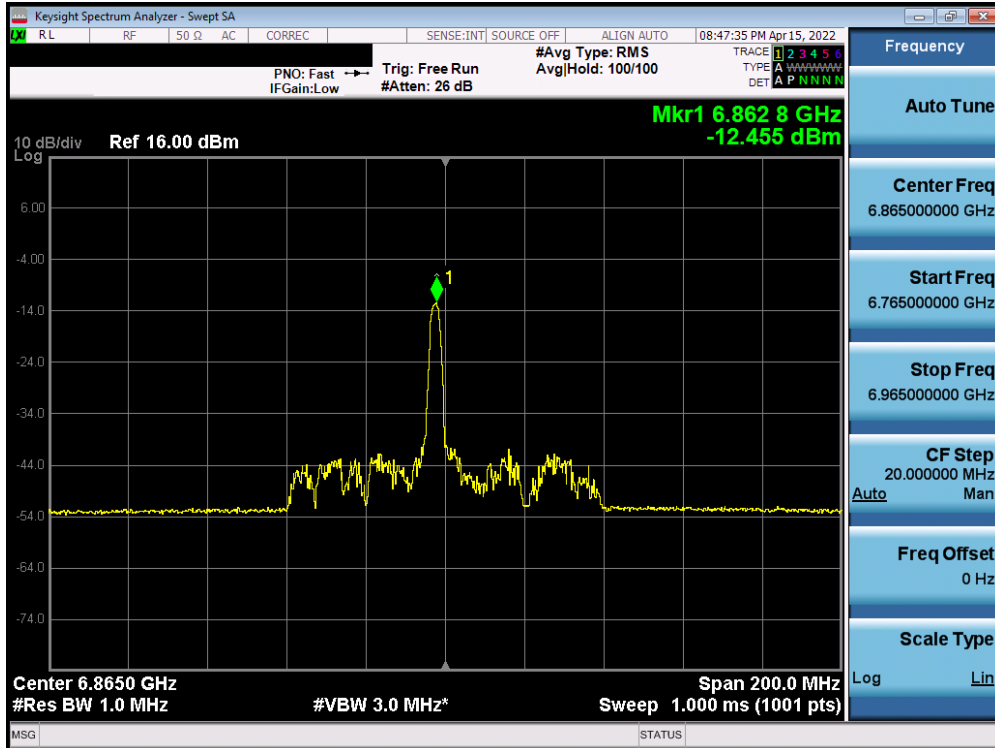


Plot 7-507. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 119)

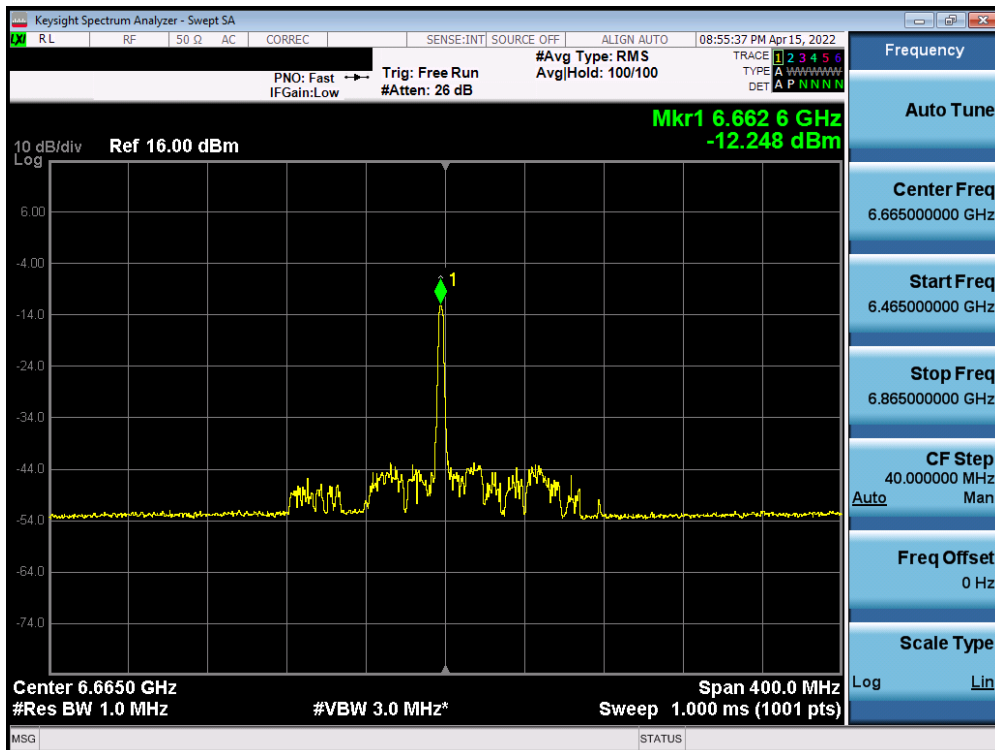


Plot 7-508. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 151)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 308 of 630

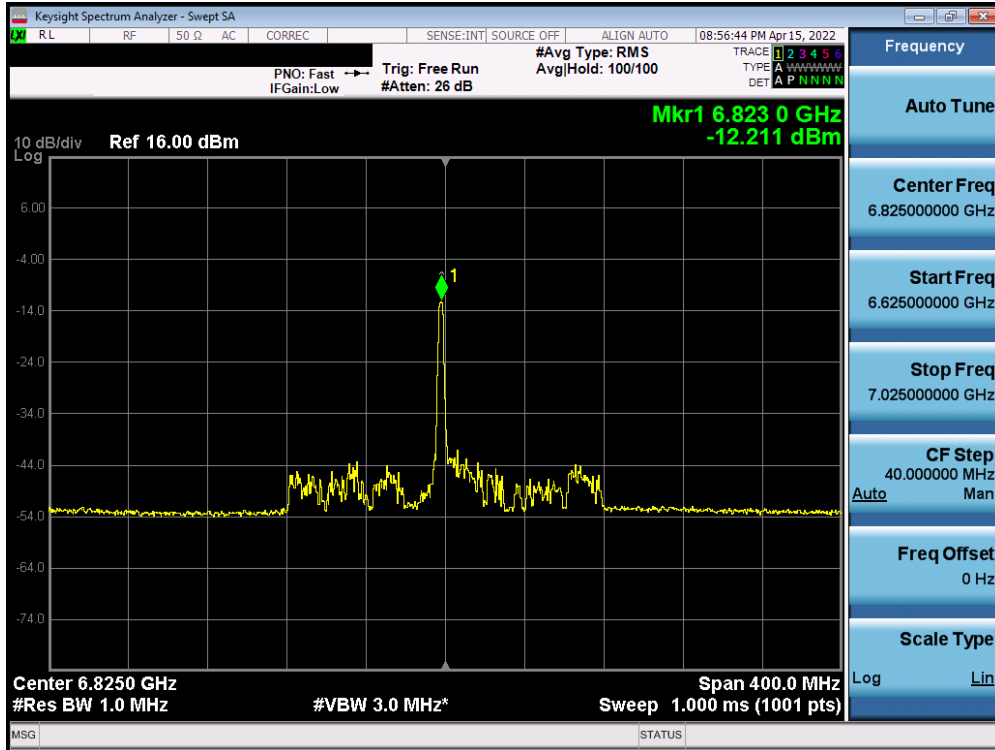


Plot 7-509. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 183)



Plot 7-510. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 143)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 309 of 630

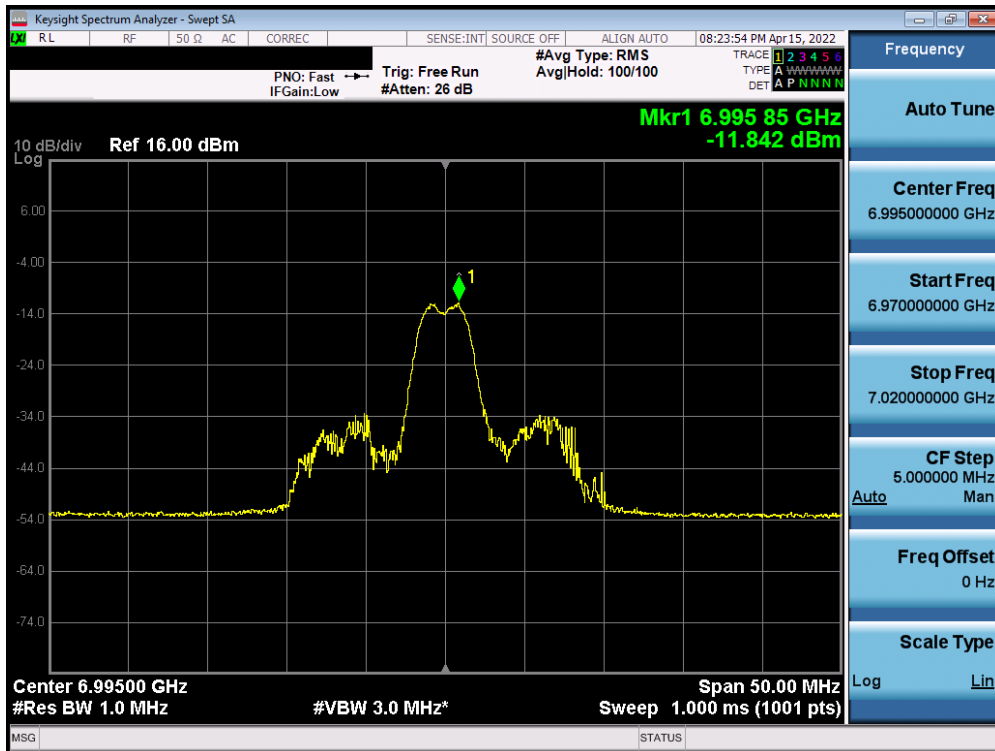


Plot 7-511. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 7) – Ch. 175)



Plot 7-512. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 189)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 310 of 630

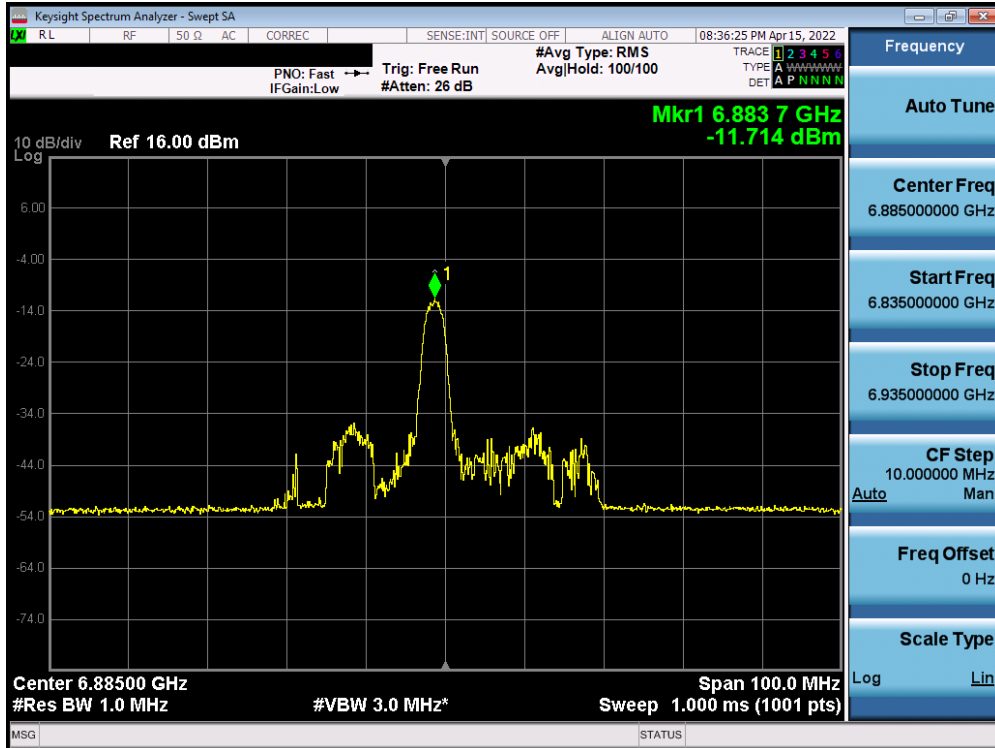


Plot 7-513. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 209)

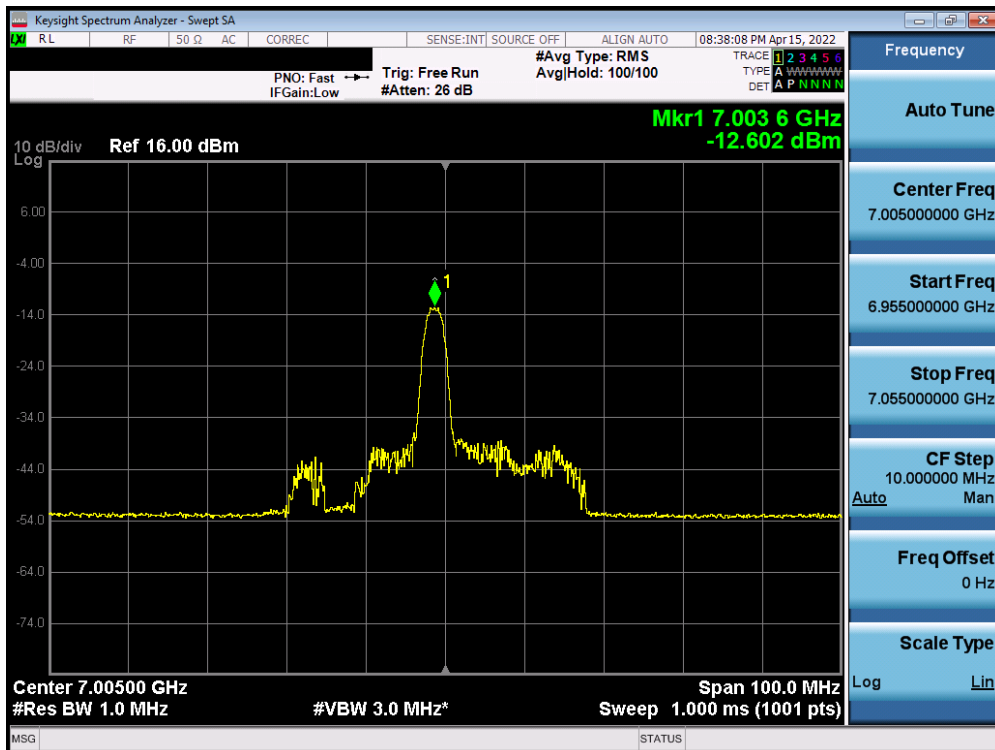


Plot 7-514. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 233)

FCC ID: C3K1997		MEASUREMENT REPORT (CERTIFICATION)		Approved by:
Test Report S/N:	Test Dates:	EUT Type:		Technical Manager
1M2204040049-18-R2.C3K	3/14/2022 – 8/18/2022	Portable Computing Device		Page 311 of 630

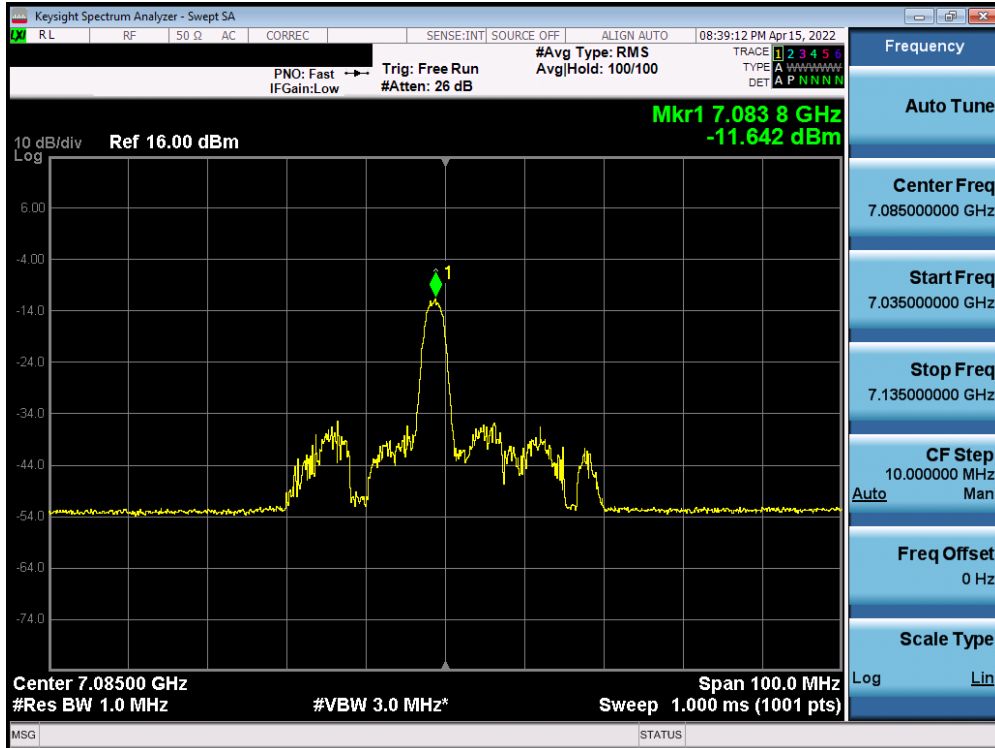


Plot 7-515. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 187)



Plot 7-516. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 211)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 312 of 630



Plot 7-517. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 227)

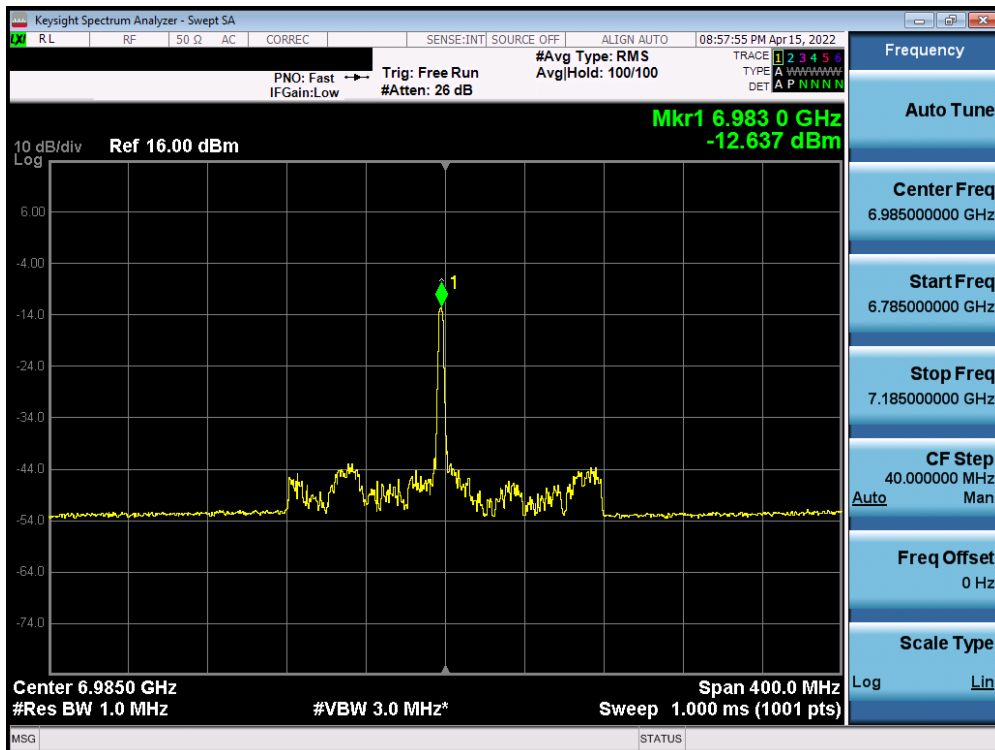


Plot 7-518. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 199)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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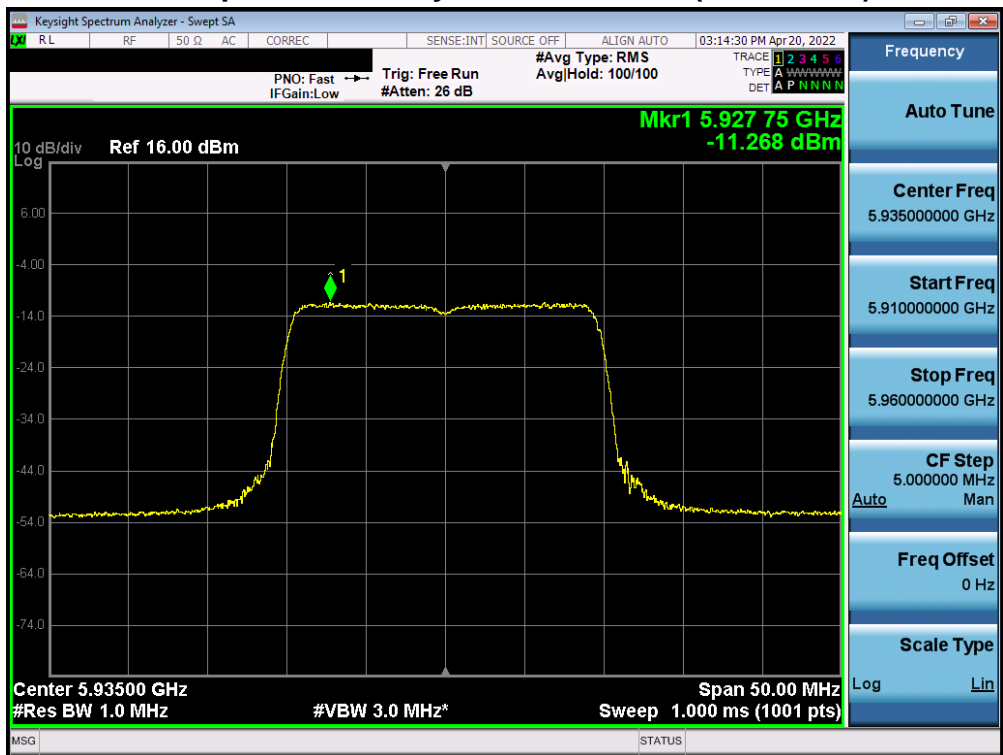
Plot 7-519. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 215)



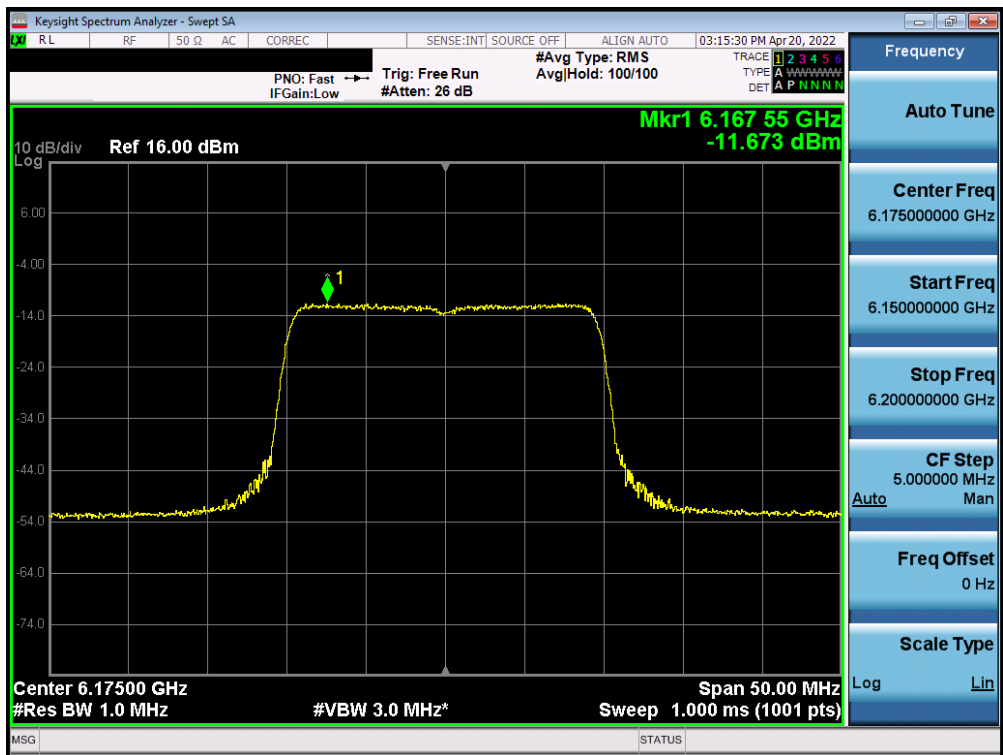
Plot 7-520. Power Spectral Density Plot MIMO ANT1 (160MHz BW 802.11ax (26 Tones) (UNII Band 8) – Ch. 207)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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MIMO Antenna-1 Power Spectral Density Measurements (Full Tones)

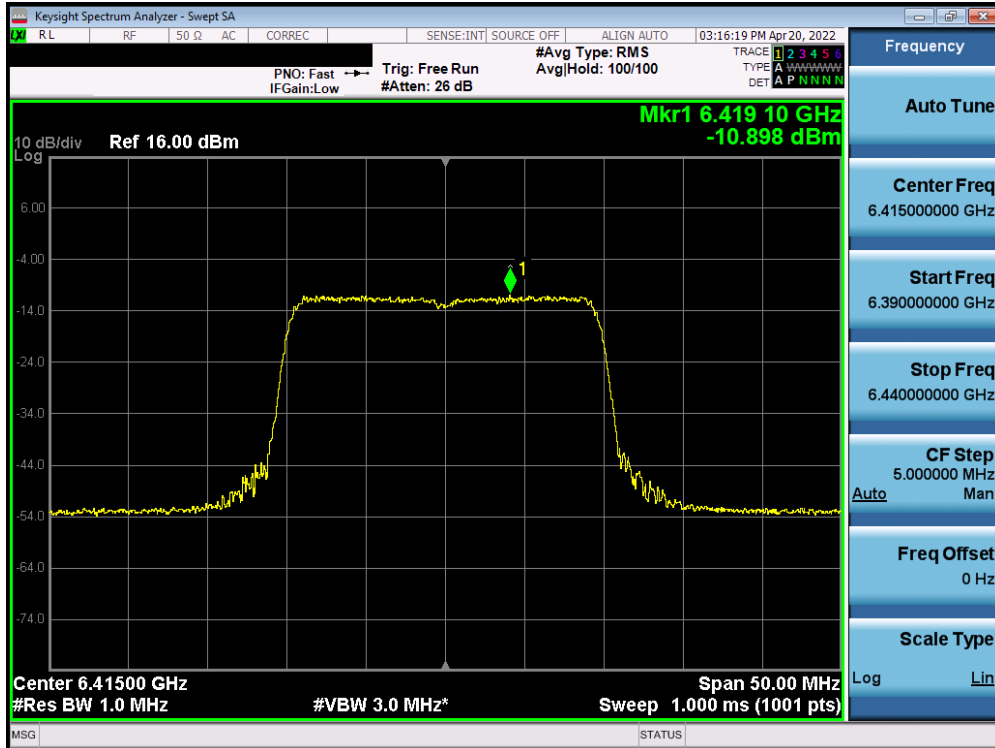


Plot 7-521. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tone) UNII Band 5) – Ch. 2

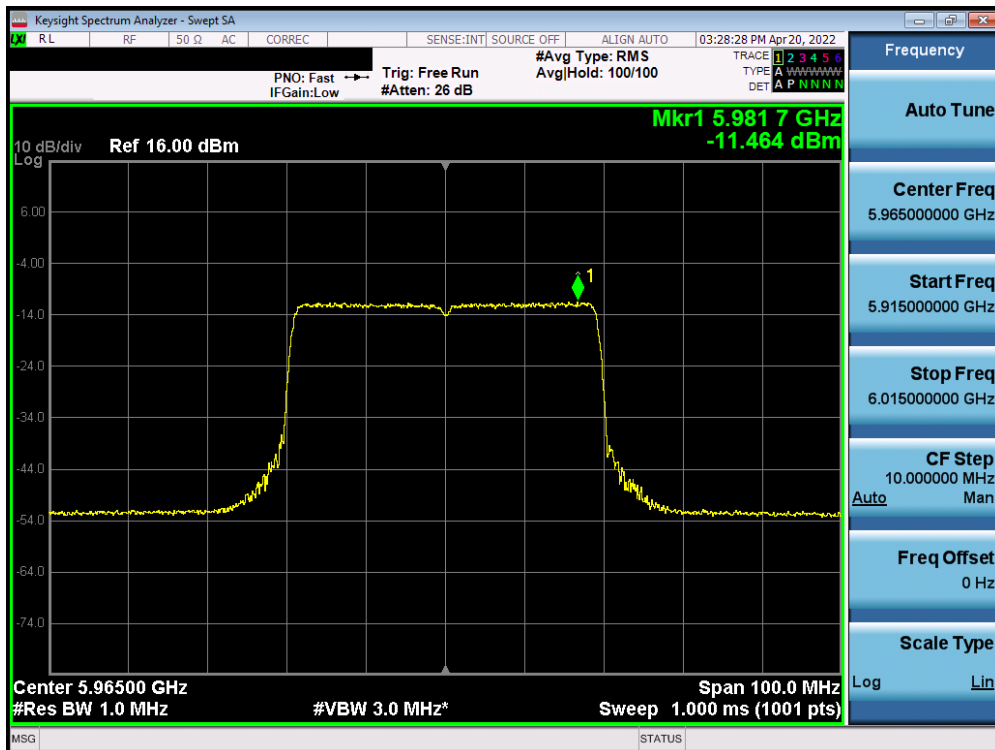


Plot 7-522. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 45)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 315 of 630

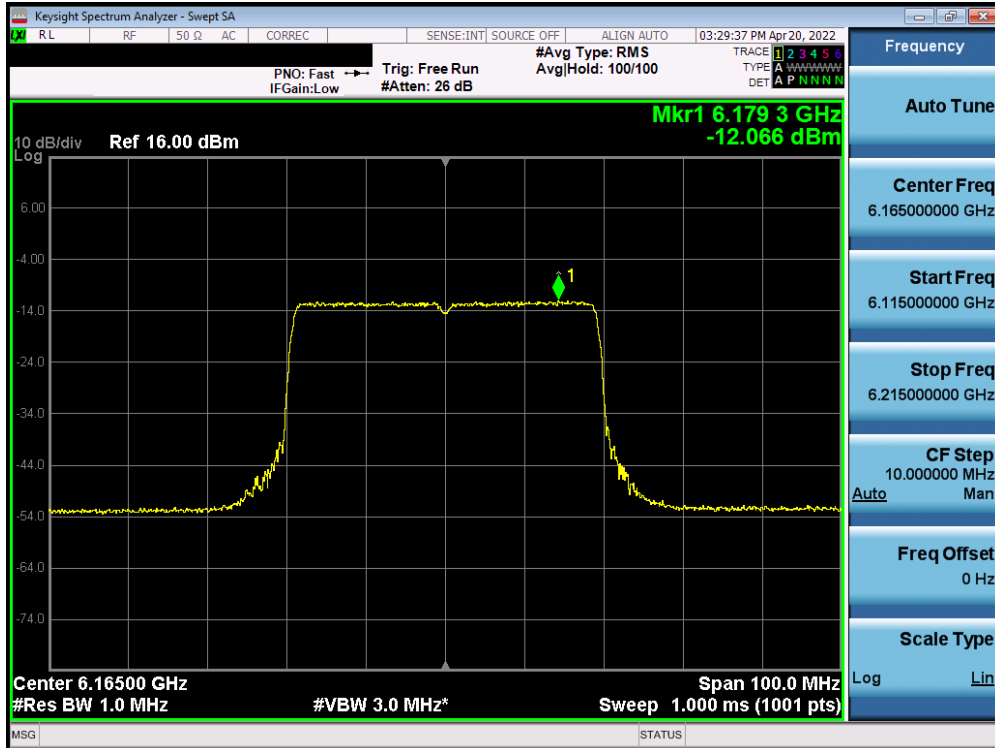


Plot 7-523. Power Spectral Density Plot MIMO ANT1 (20MHz BW 802.11ax (Full Tone) UNII Band 5) – Ch. 93

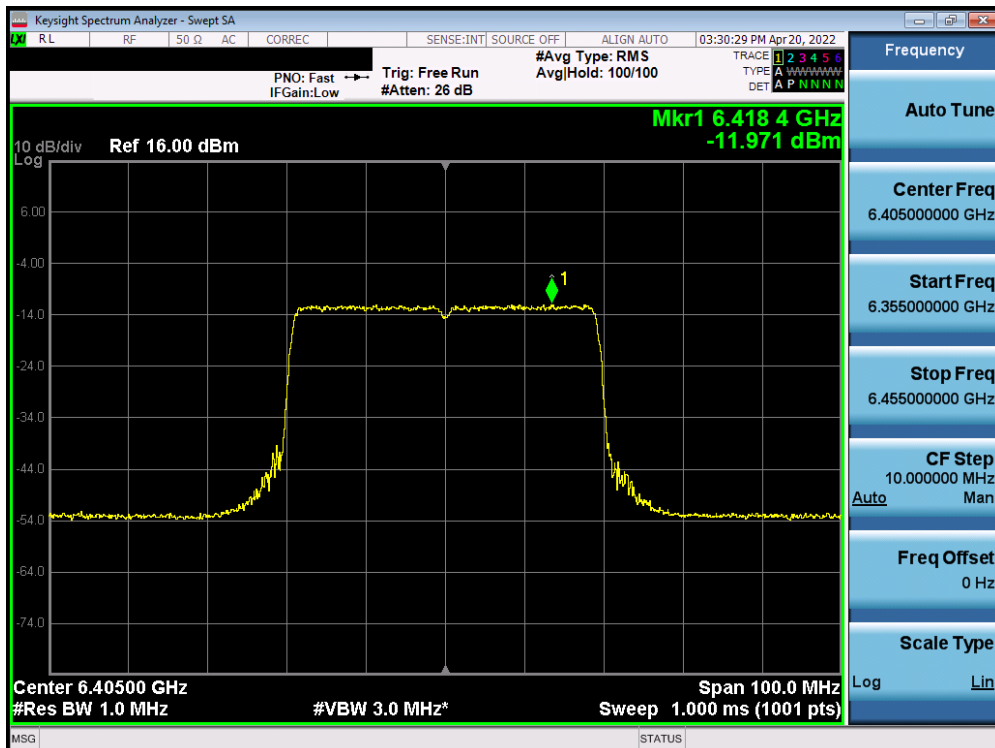


Plot 7-524. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 3)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 316 of 630

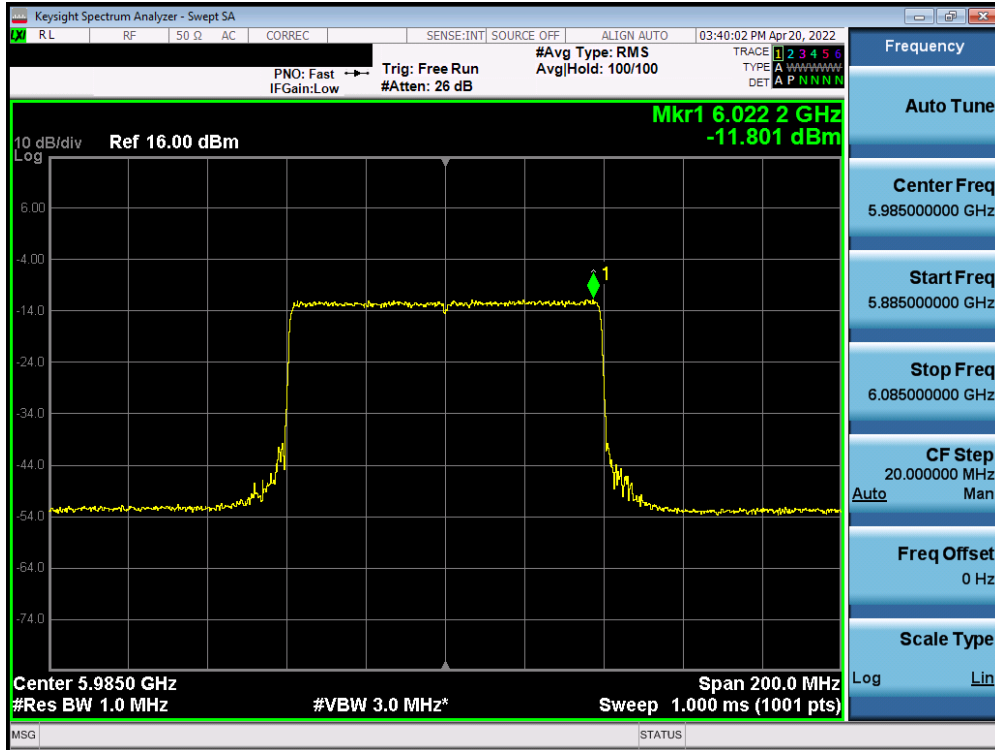


Plot 7-525. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 43)

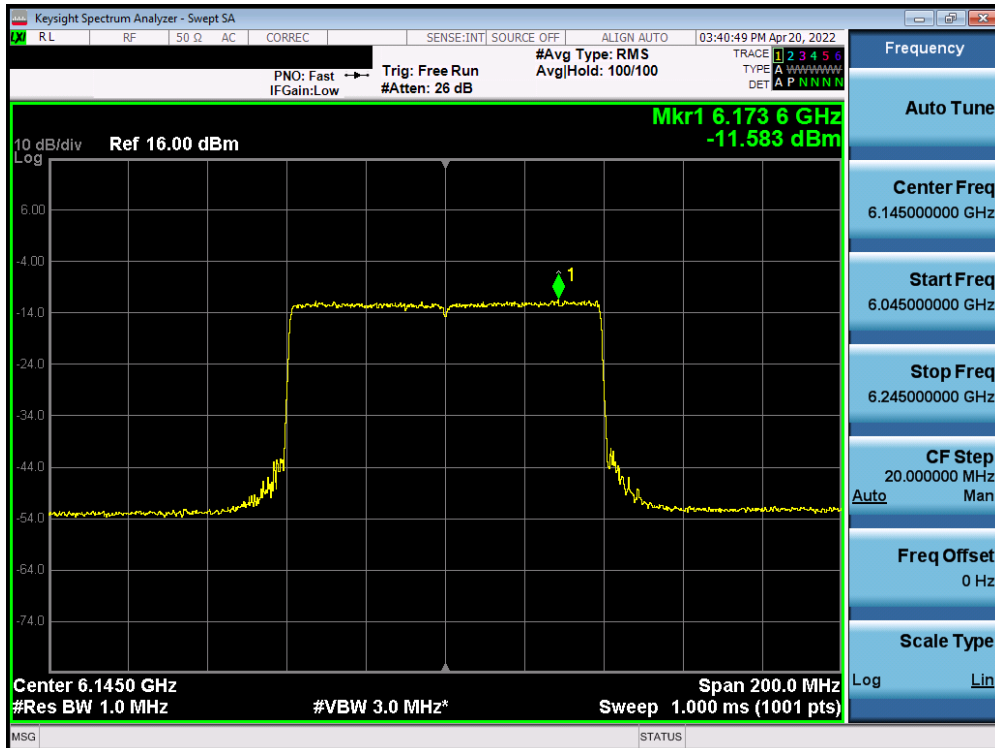


Plot 7-526. Power Spectral Density Plot MIMO ANT1 (40MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 91)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
Test Report S/N: 1M2204040049-18-R2.C3K	Test Dates: 3/14/2022 – 8/18/2022	EUT Type: Portable Computing Device	Page 317 of 630

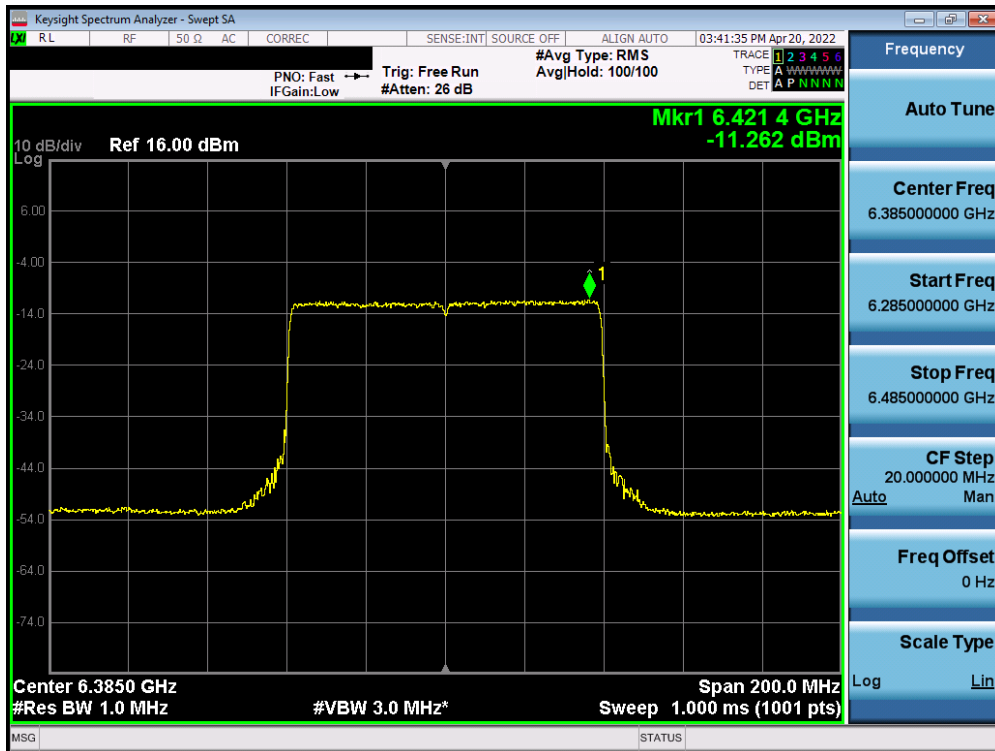


Plot 7-527. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 7)

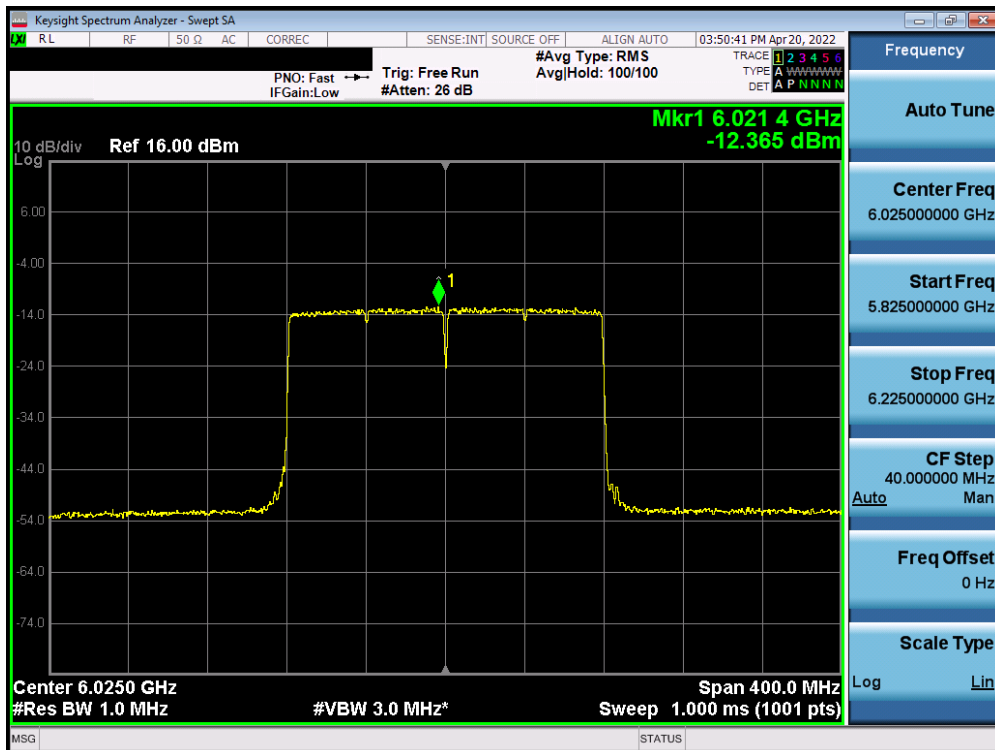


Plot 7-528. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 39)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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Plot 7-529. Power Spectral Density Plot MIMO ANT1 (80MHz BW 802.11ax (Full Tone) (UNII Band 5) – Ch. 87)



Plot 7-530. Power Spectral Density Plot MIMO ANT1 (160MHz BW 1602.11ax (Full Tone) (UNII Band 5) – Ch. 15)

FCC ID: C3K1997	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Technical Manager
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