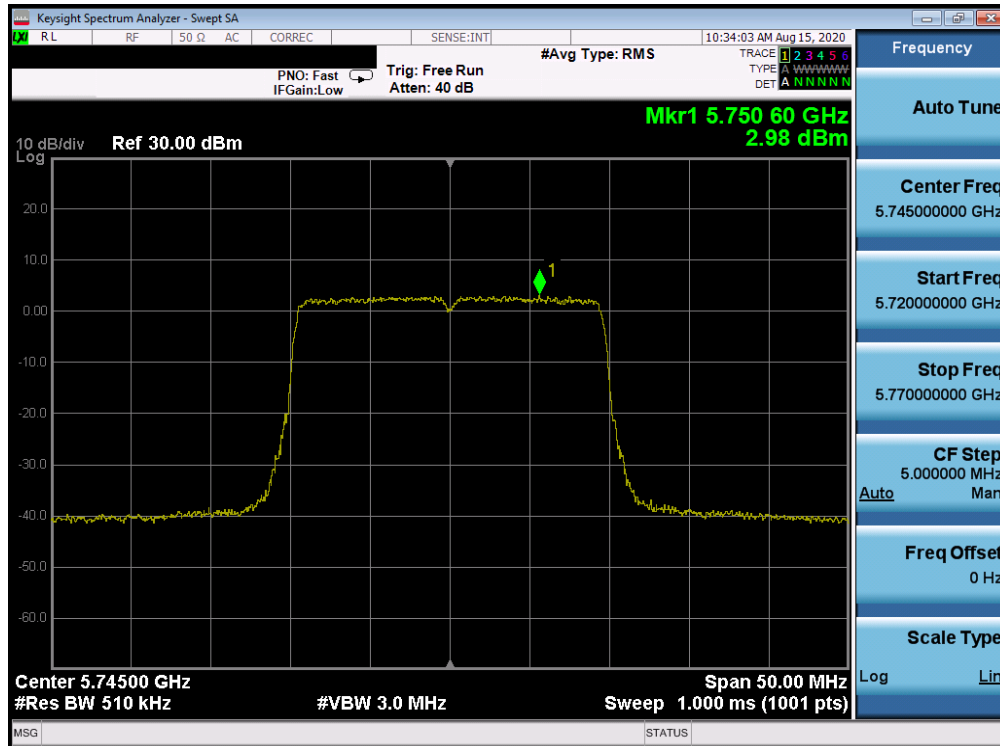
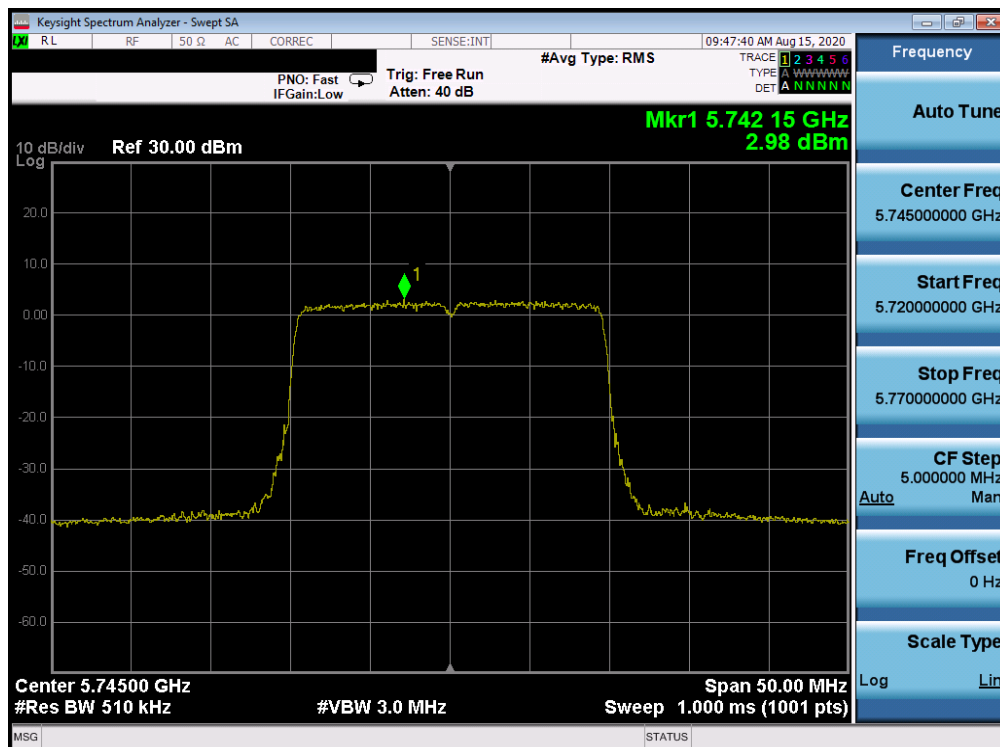


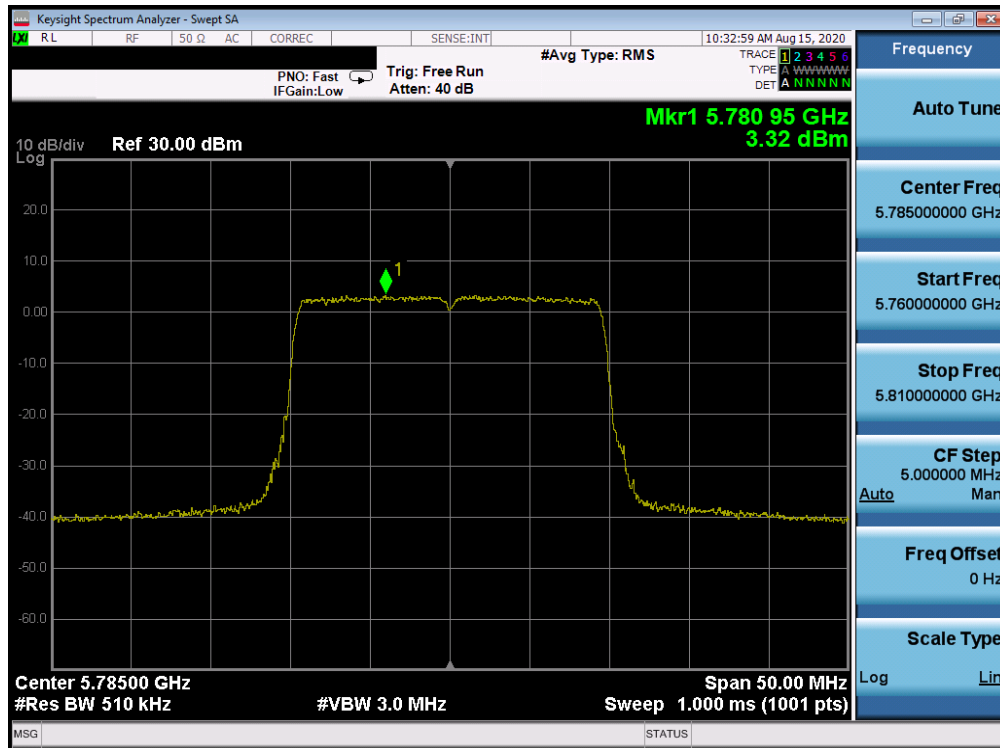


Plot 7-643. Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 149)

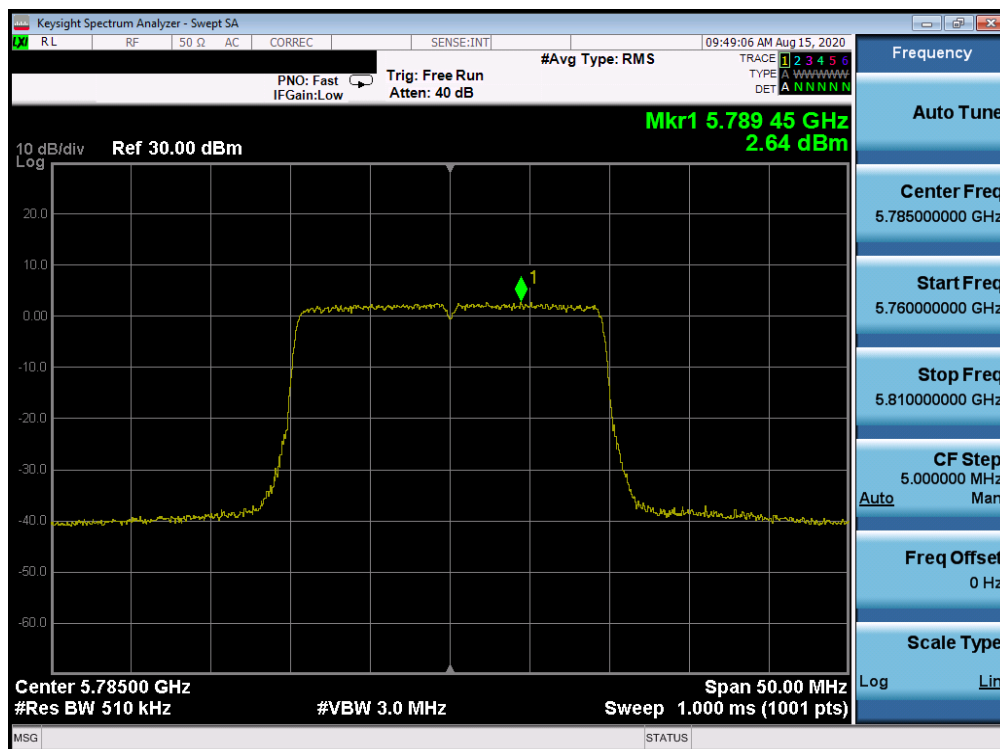


Plot 7-644. Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 3) – Ch. 149)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 390 of 591

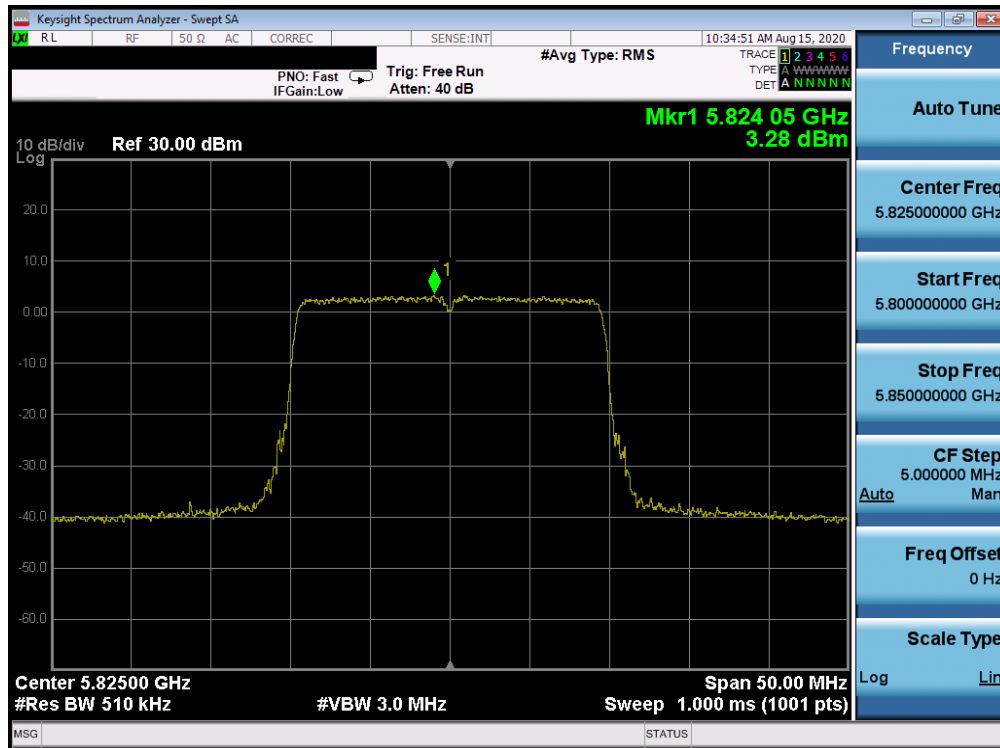


Plot 7-645. Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 157)

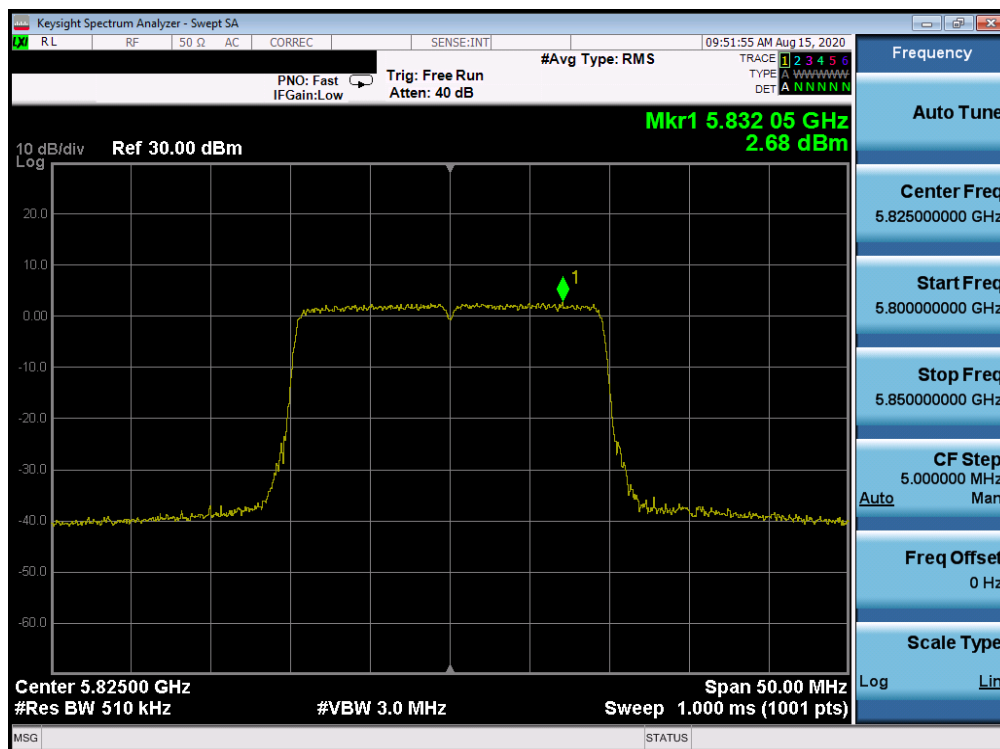


Plot 7-646. Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 157)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 391 of 591

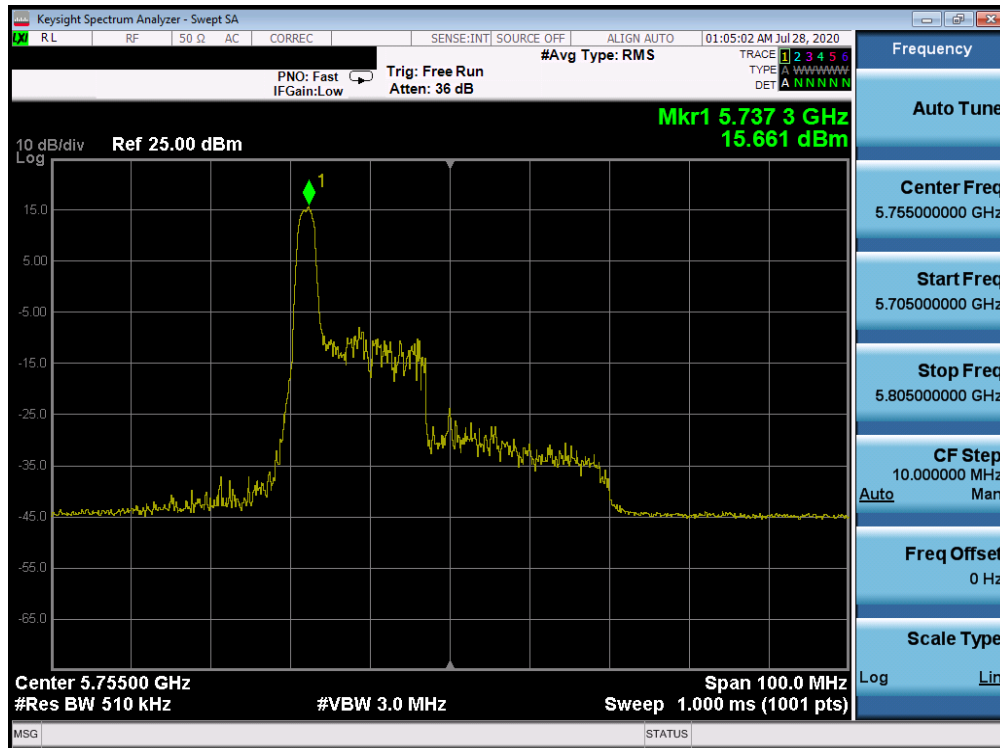


Plot 7-647. Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 165)

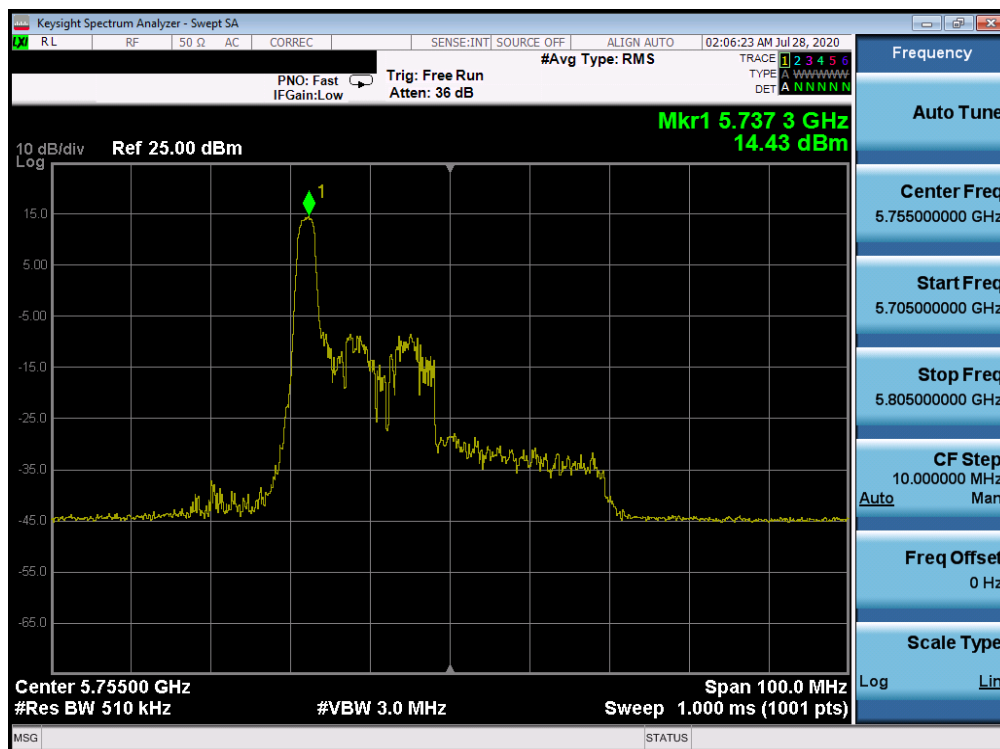


Plot 7-648. Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax– RU242 (UNII Band 3) – Ch. 165)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 392 of 591

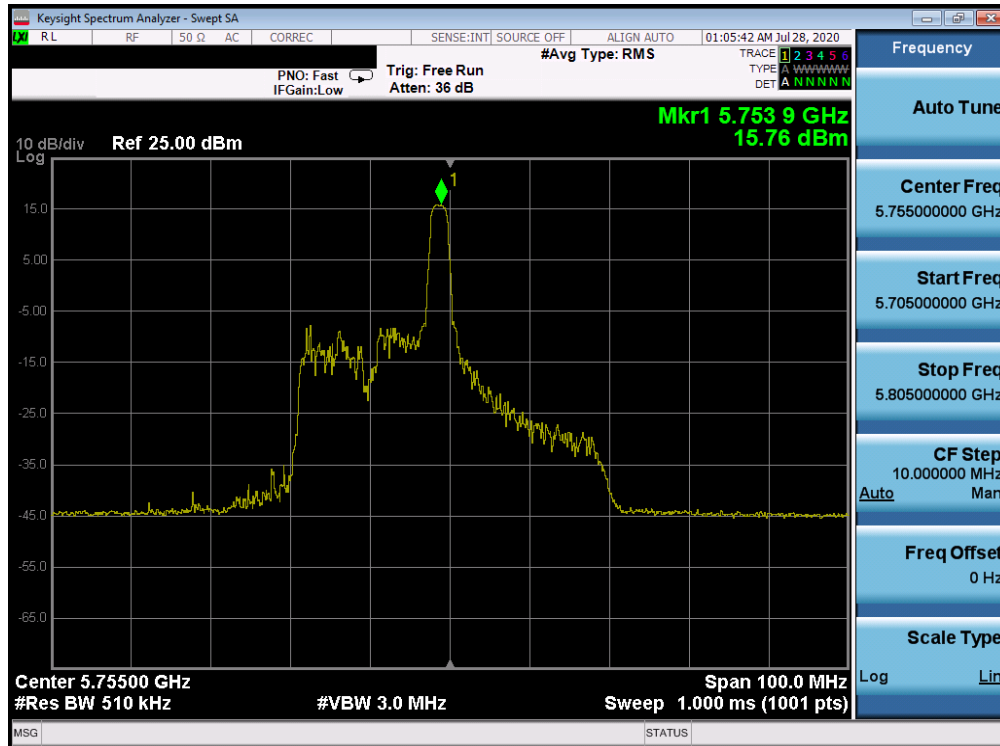


Plot 7-649. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

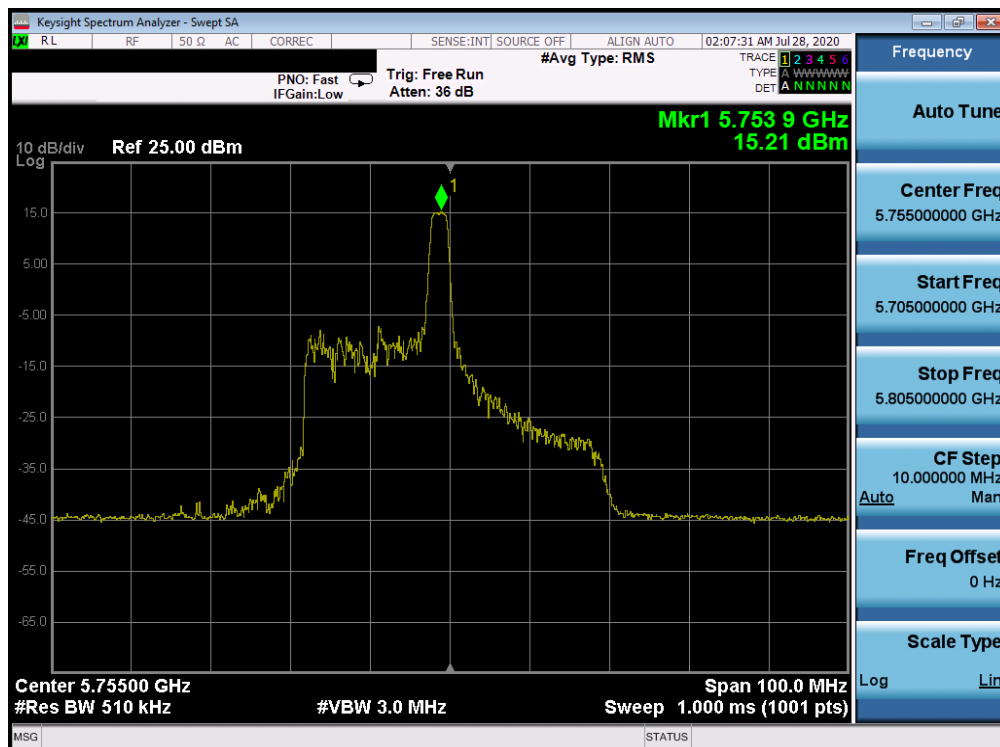


Plot 7-650. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 393 of 591

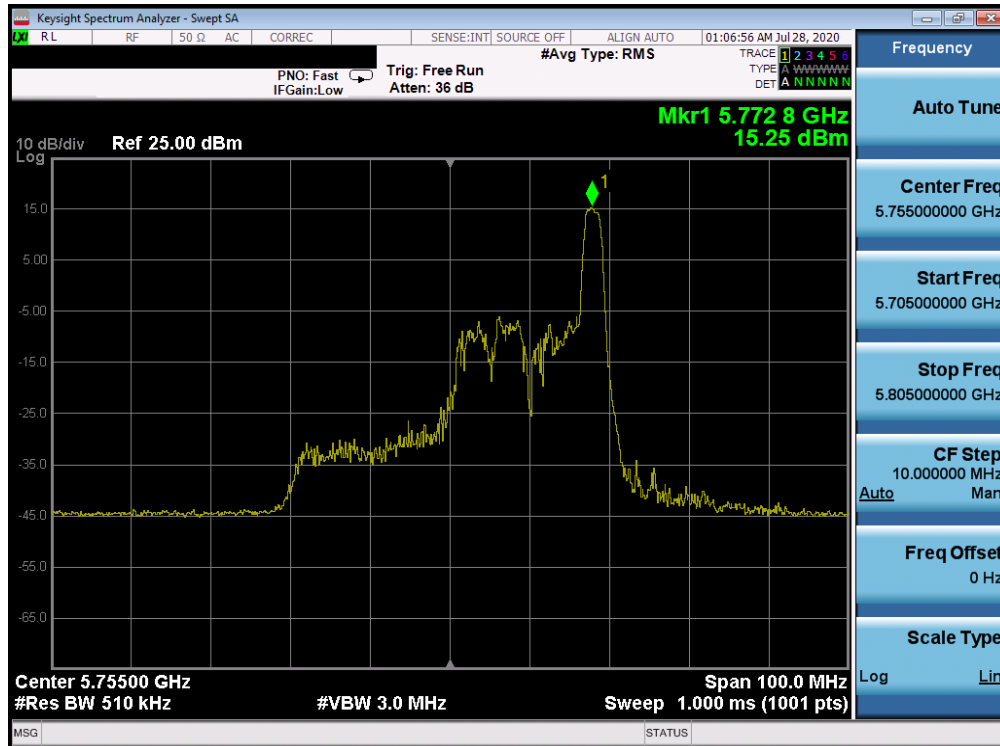


Plot 7-651. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

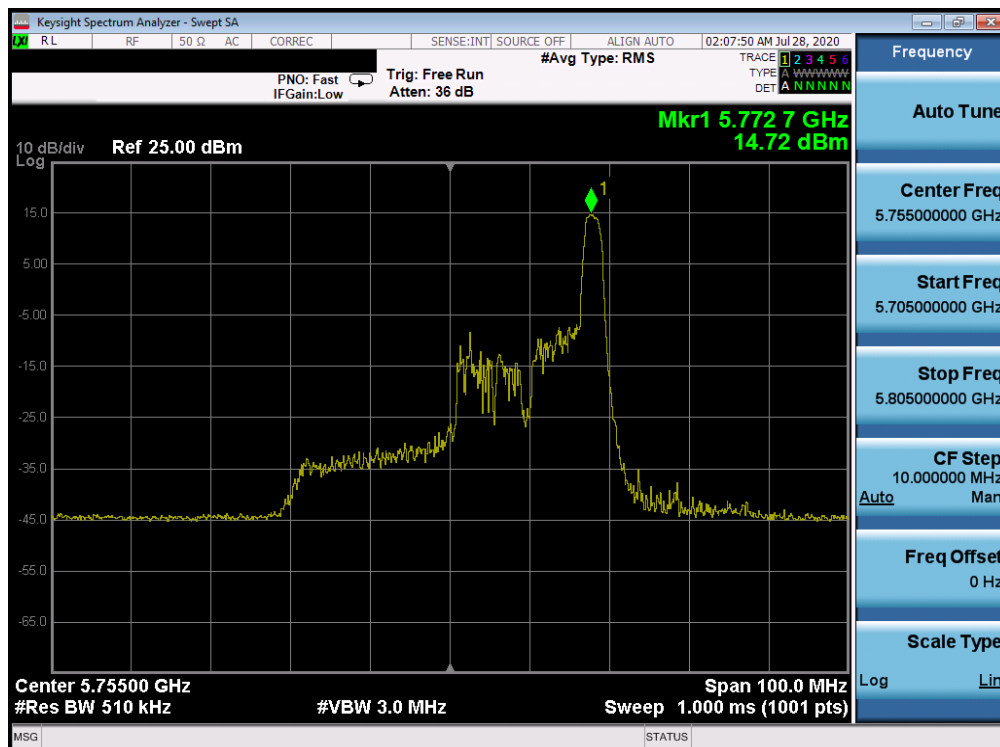


Plot 7-652. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 394 of 591

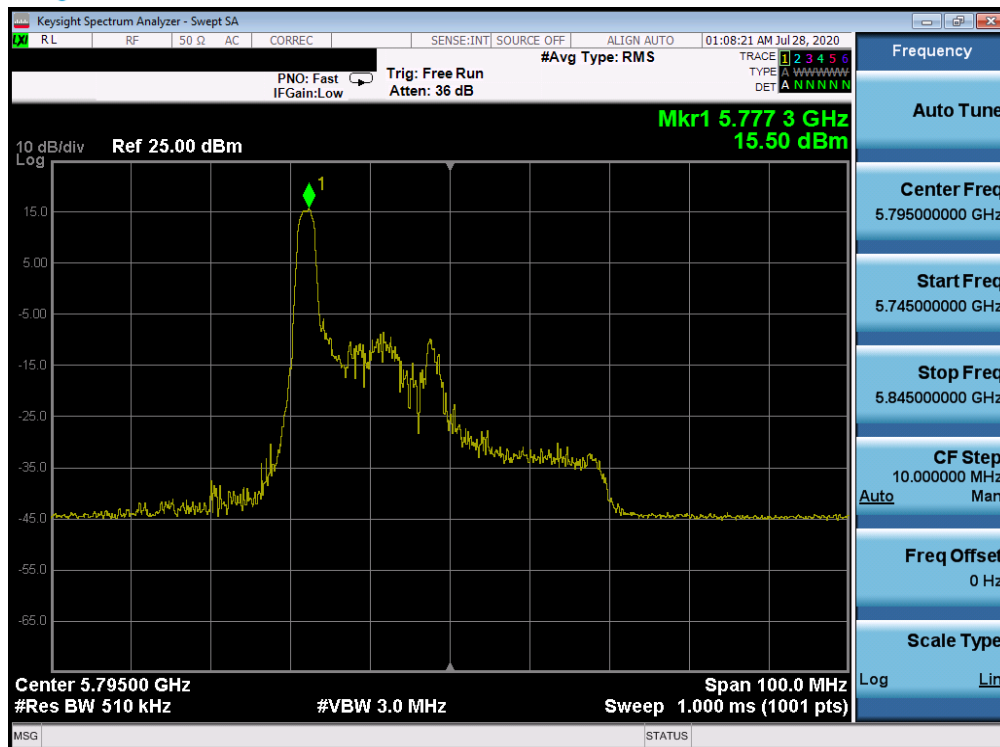


Plot 7-653. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

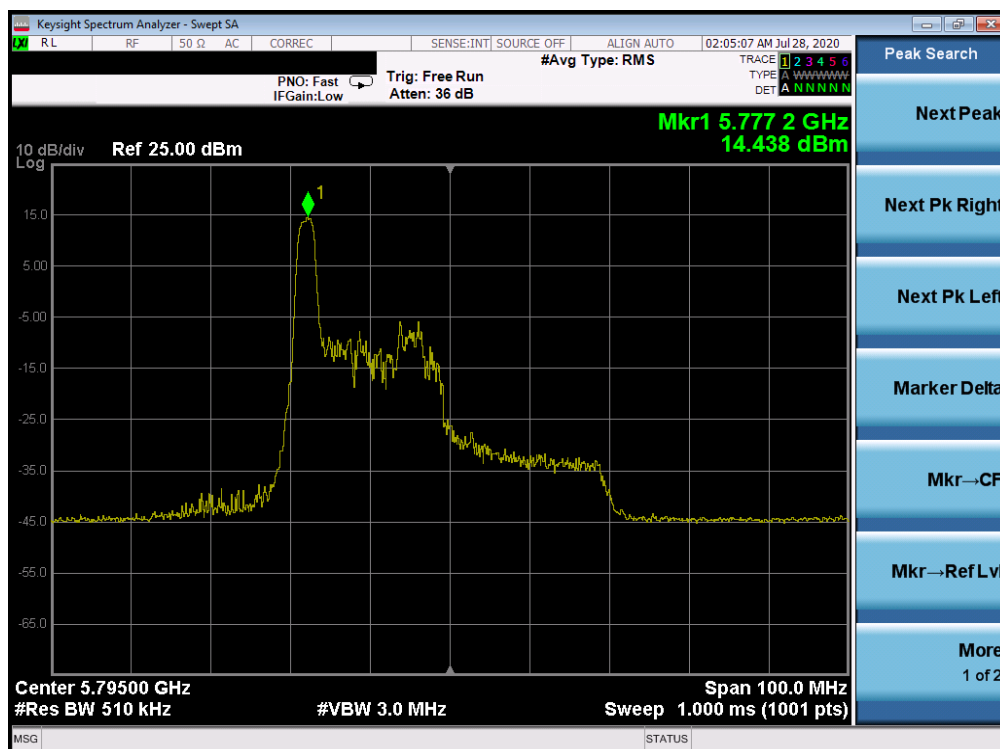


Plot 7-654. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 151)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 395 of 591

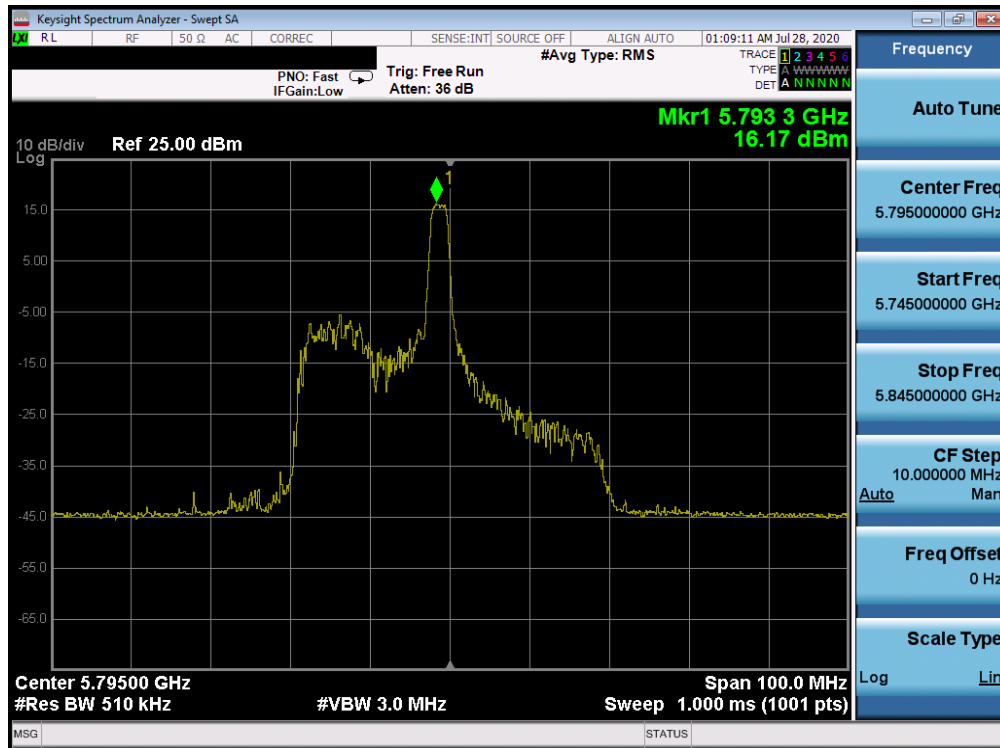


Plot 7-655. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

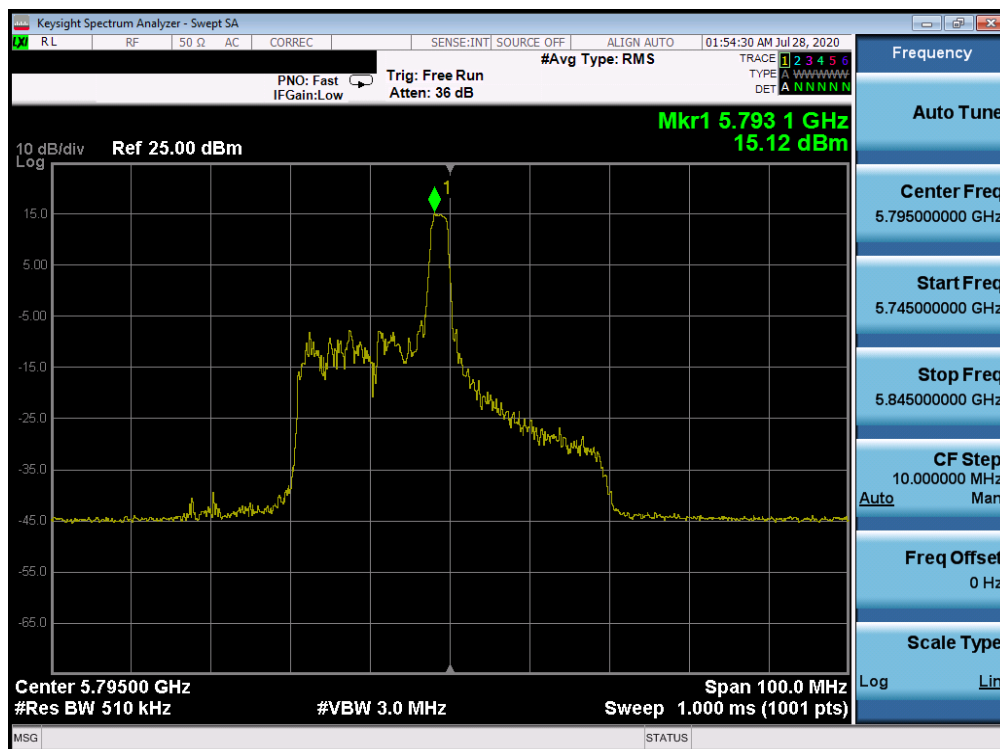


Plot 7-656. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 396 of 591



Plot 7-657. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

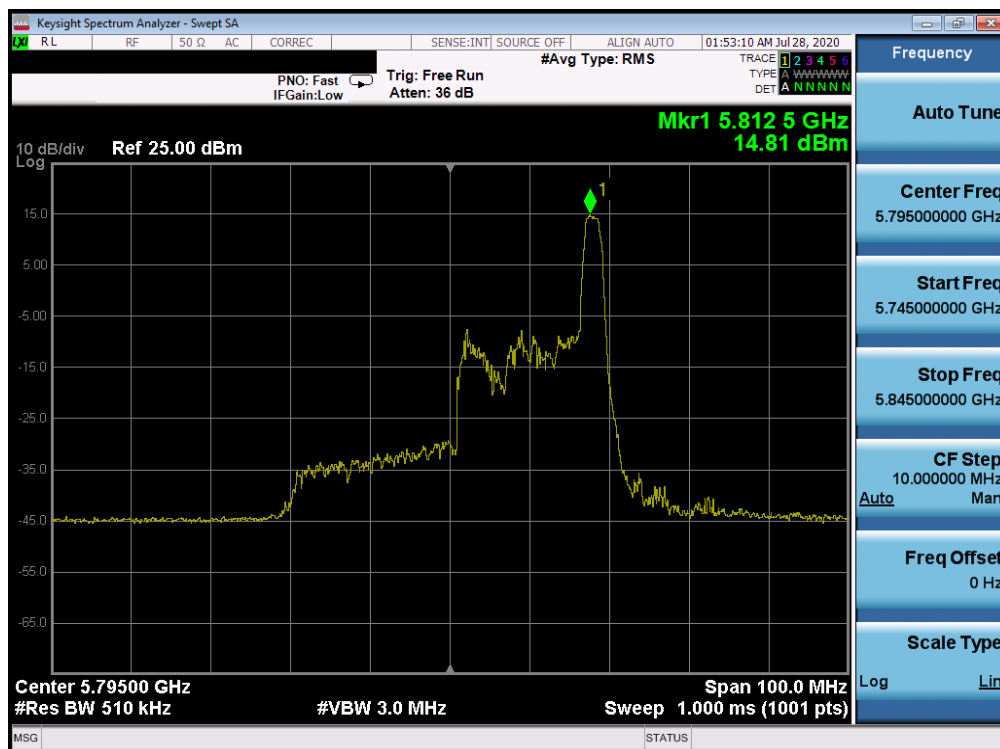


Plot 7-658. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 397 of 591

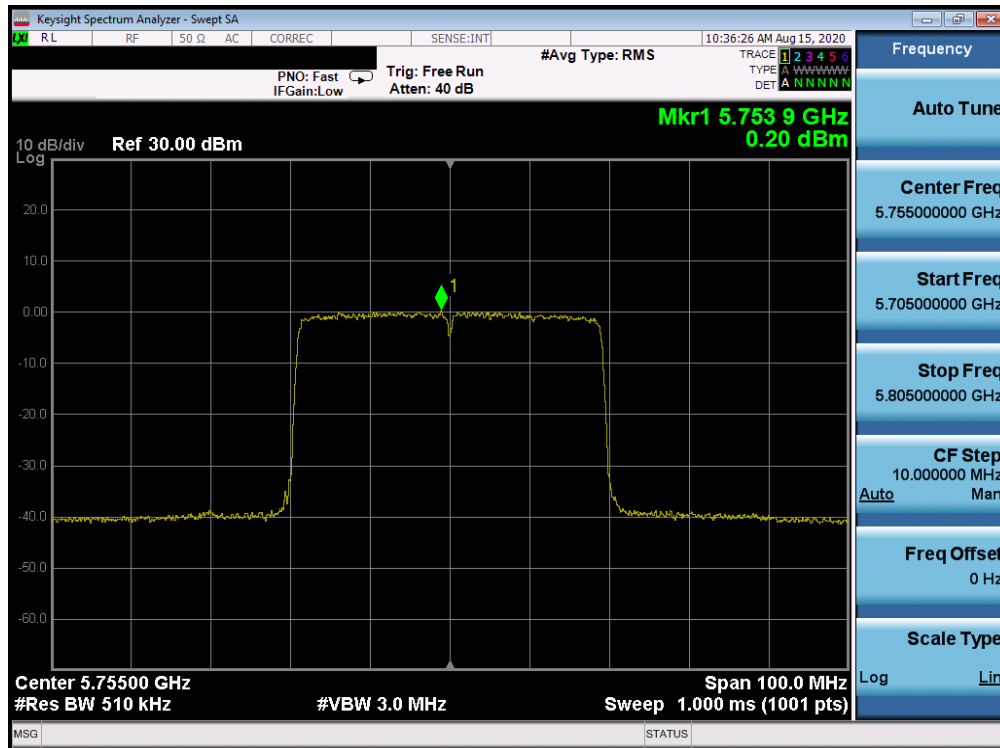


Plot 7-659. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

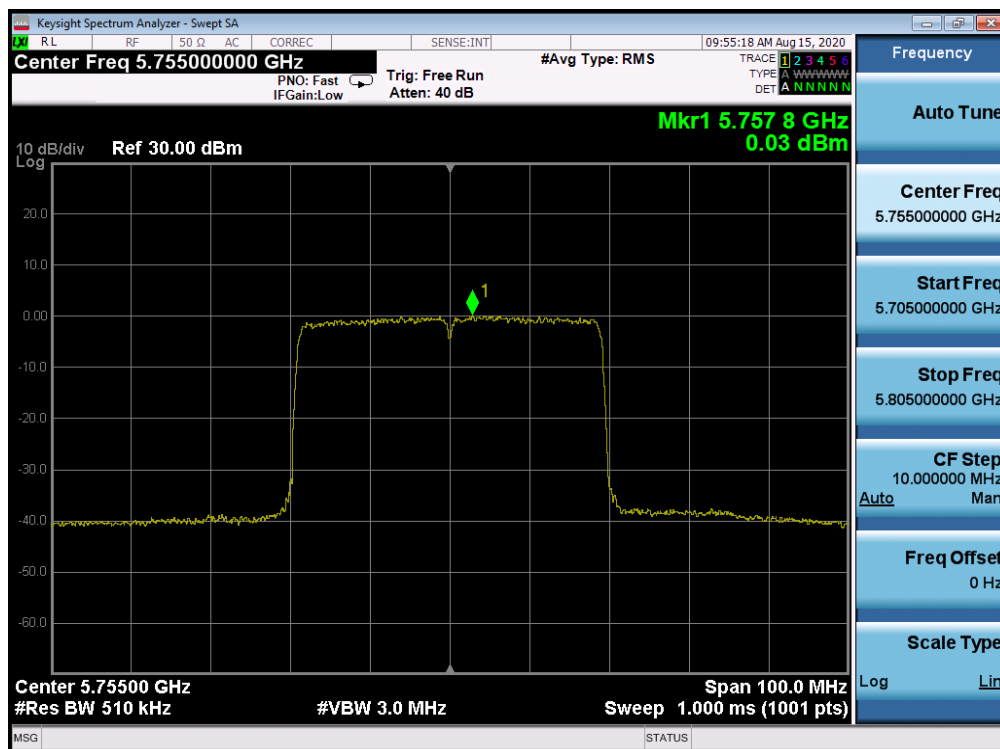


Plot 7-660. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 398 of 591

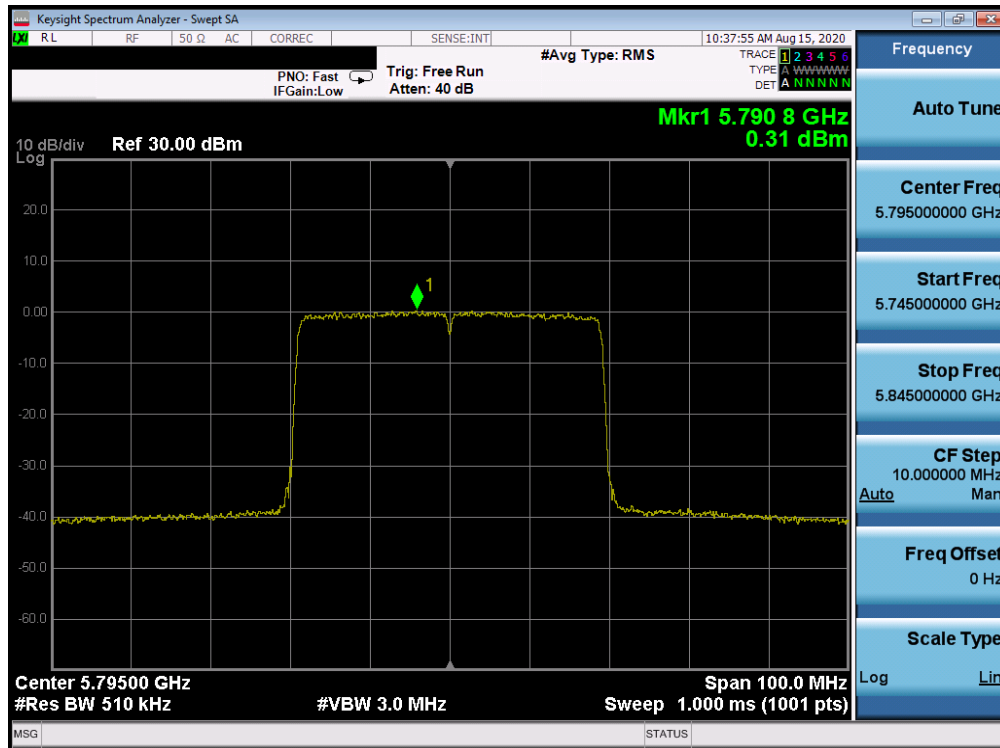


Plot 7-661. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax - RU484 (UNII Band 3) - Ch. 151)

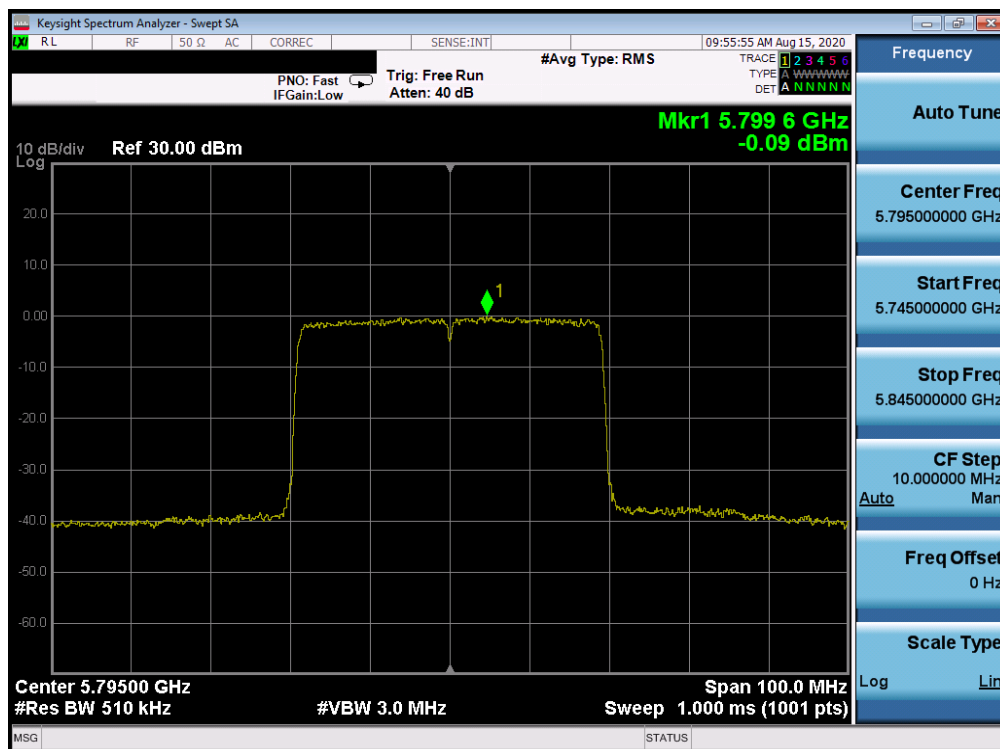


Plot 7-662. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax - RU484 (UNII Band 3) - Ch. 151)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 399 of 591

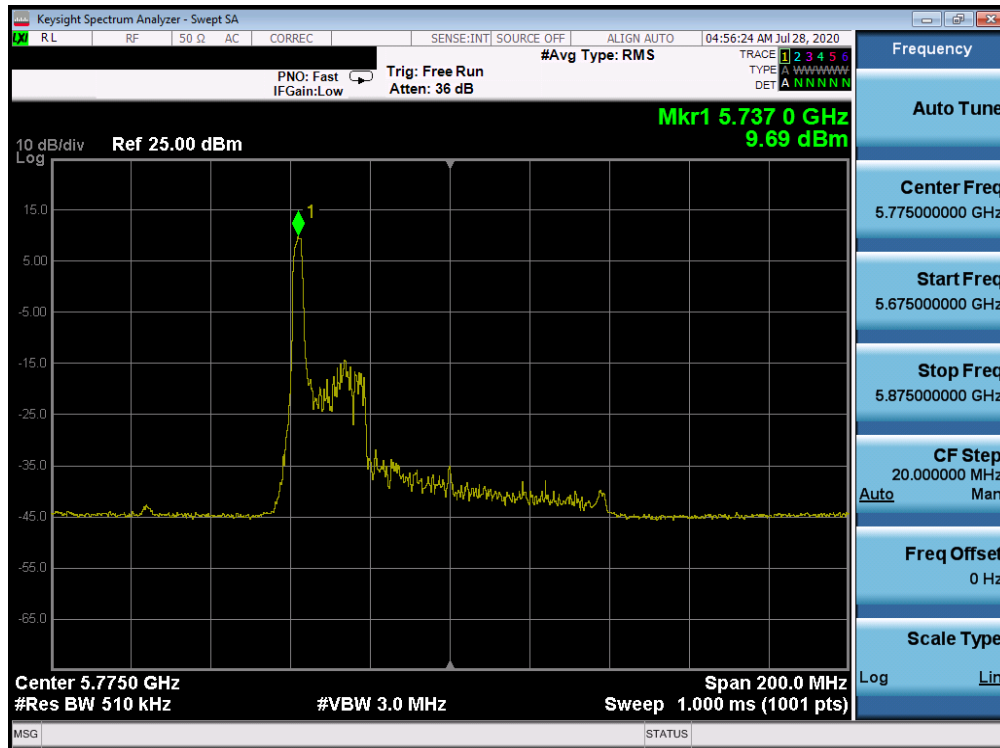


Plot 7-663. Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

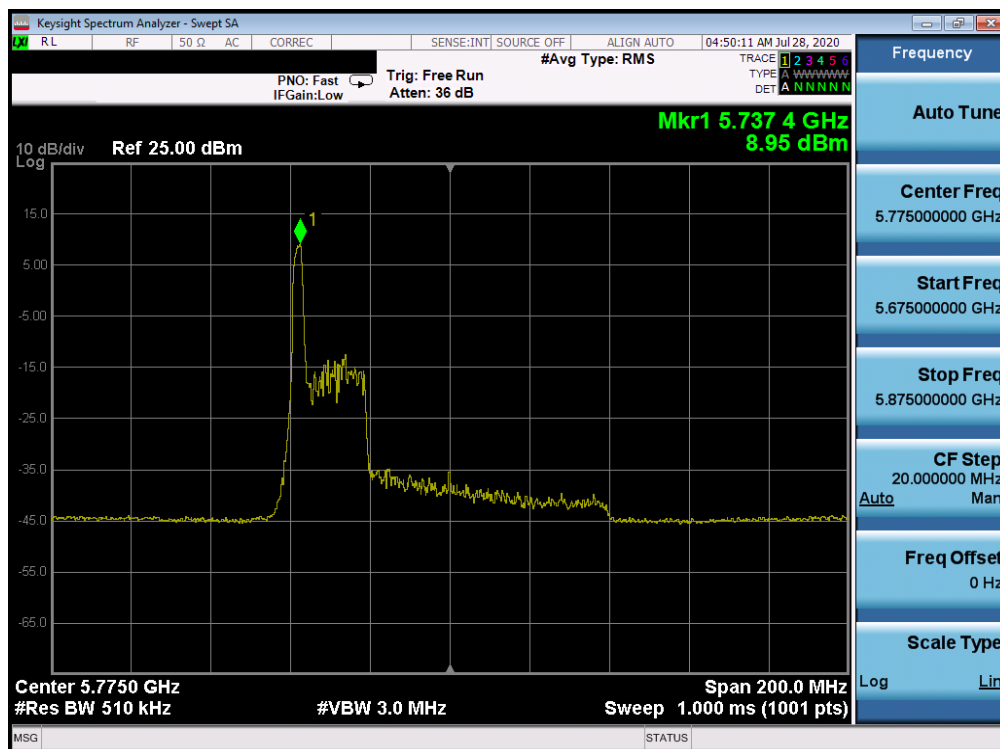


Plot 7-664. Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax – RU484 (UNII Band 3) – Ch. 159)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 400 of 591



Plot 7-665. Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

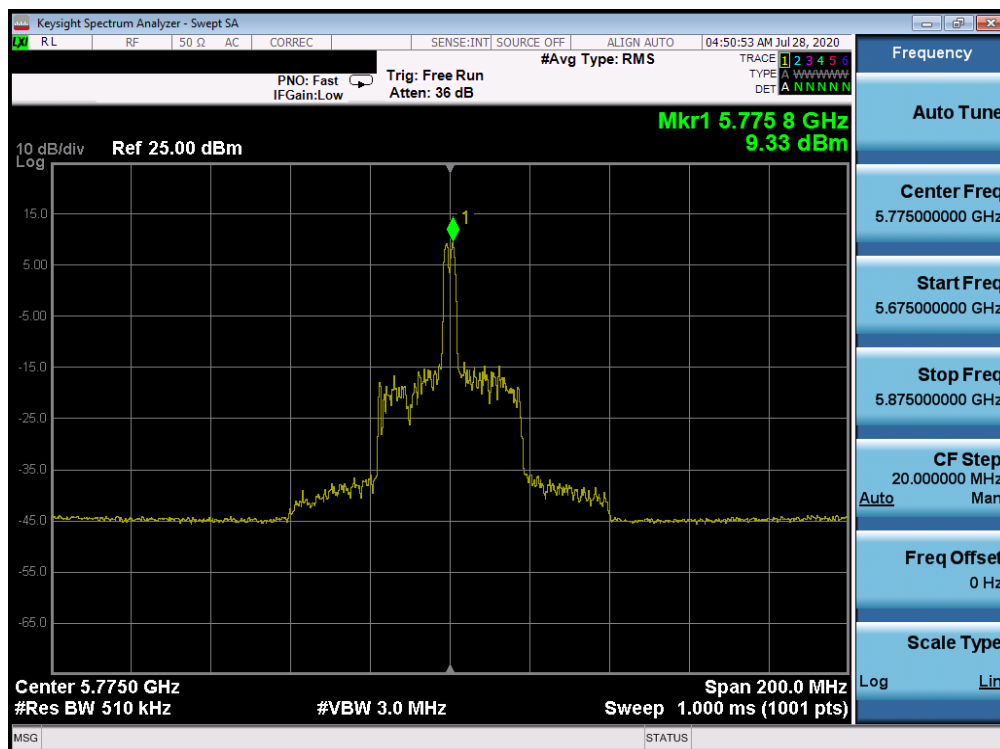


Plot 7-666. Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 401 of 591

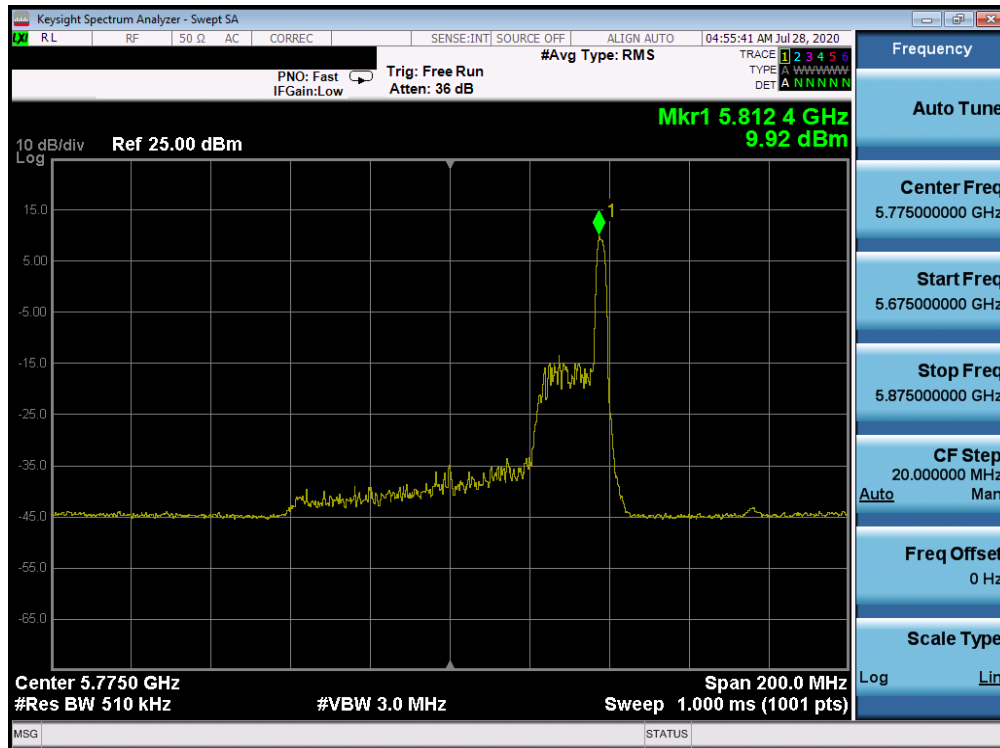


Plot 7-667. Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

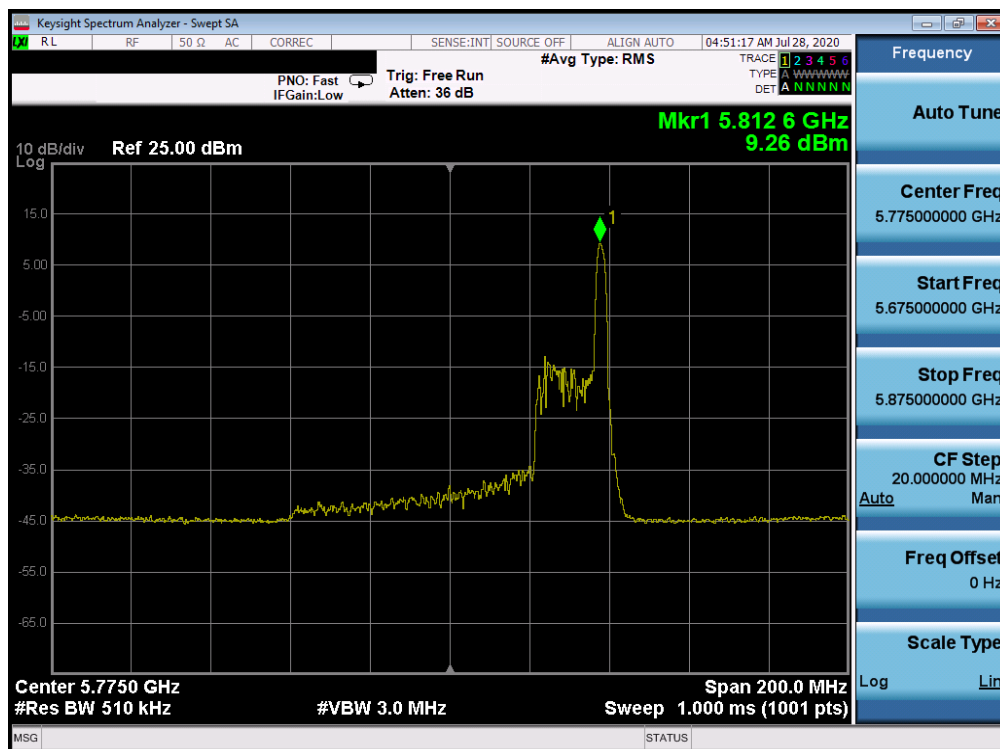


Plot 7-668. Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 402 of 591

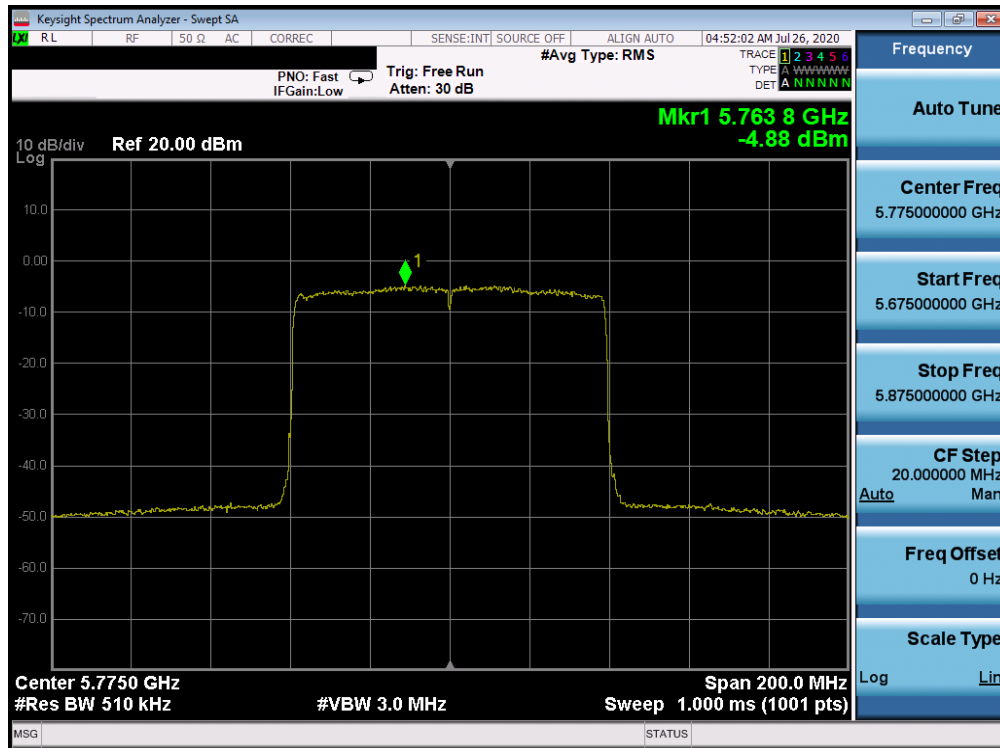


Plot 7-669. Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)

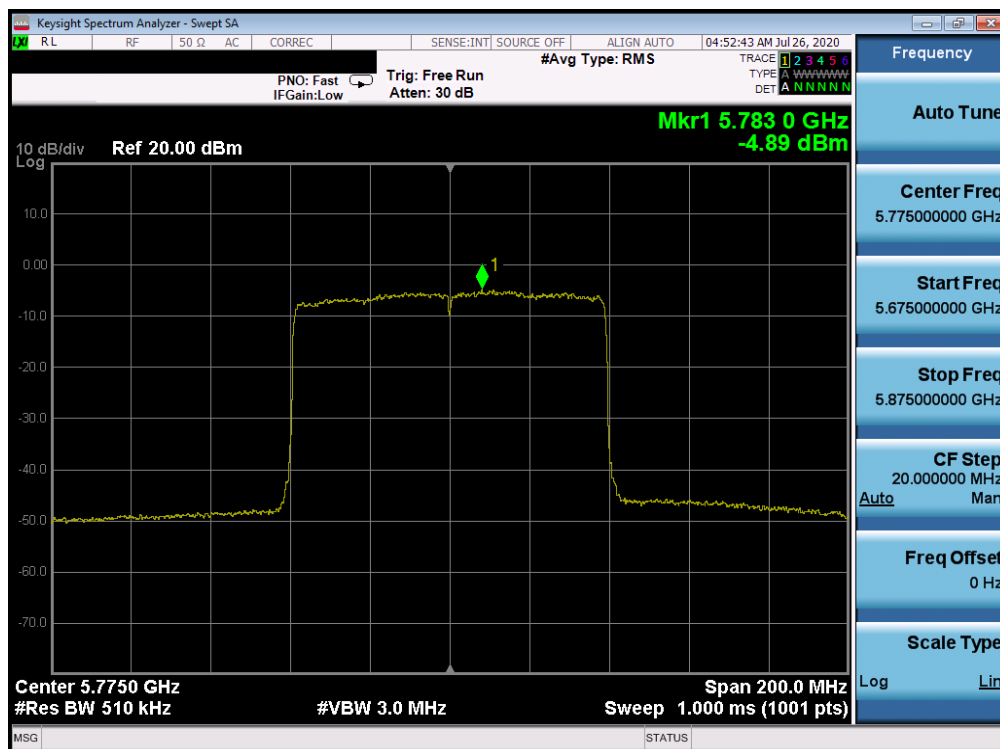


Plot 7-670. Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 403 of 591



Plot 7-671. Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 3) – Ch. 155)



Plot 7-672. Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax – RU996 (UNII Band 3) – Ch. 155)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 404 of 591

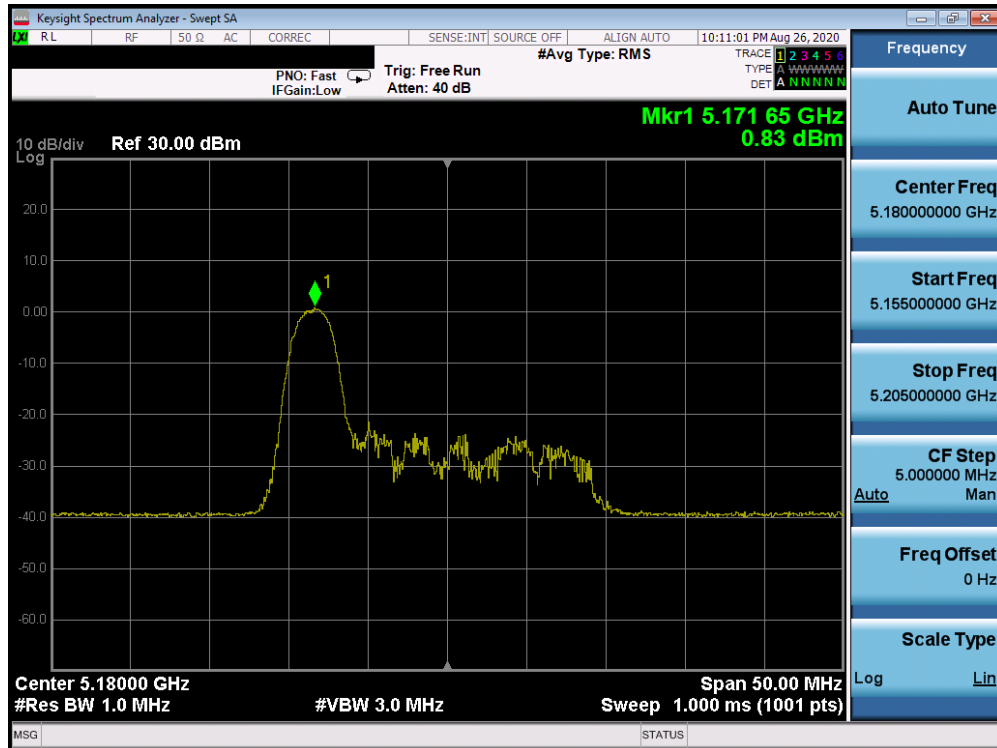
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Power Density [dBm/MHz]			Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
							ANTWF8	ANTWF7A	Summed				
Band 1	5180	36	ax (20MHz)	26	0	135/143.4 (MCS11)	0.83	0.51	3.68	5.61	9.29	10.0	-0.71
				26	4	135/143.4 (MCS11)	0.45	0.26	3.37	5.61	8.98	10.0	-1.02
				26	8	135/143.4 (MCS11)	0.67	0.61	3.65	5.61	9.26	10.0	-0.74
	5200	40	ax (20MHz)	26	0	135/143.4 (MCS11)	0.54	0.60	3.58	5.61	9.19	10.0	-0.81
				26	4	135/143.4 (MCS11)	0.44	0.33	3.40	5.61	9.01	10.0	-0.99
				26	8	135/143.4 (MCS11)	0.63	0.39	3.52	5.61	9.13	10.0	-0.87
	5240	48	ax (20MHz)	26	0	135/143.4 (MCS11)	0.76	0.97	3.88	5.61	9.49	10.0	-0.51
				26	4	135/143.4 (MCS11)	0.36	0.63	3.51	5.61	9.12	10.0	-0.88
				26	8	135/143.4 (MCS11)	0.91	0.75	3.84	5.61	9.45	10.0	-0.55
	5190	38	ax (40MHz)	26	0	271/286.8 (MCS11)	0.15	-0.13	3.02	5.61	8.63	10.0	-1.37
				26	8	271/286.8 (MCS11)	0.60	0.81	3.72	5.61	9.33	10.0	-0.67
				26	17	271/286.8 (MCS11)	0.21	0.09	3.16	5.61	8.77	10.0	-1.23
	5230	46	ax (40MHz)	26	0	271/286.8 (MCS11)	-0.25	-0.22	2.78	5.61	8.39	10.0	-1.61
				26	8	271/286.8 (MCS11)	0.58	0.51	3.56	5.61	9.17	10.0	-0.83
				26	17	271/286.8 (MCS11)	0.15	0.13	3.15	5.61	8.76	10.0	-1.24
	5210	42	ax (80MHz)	26	0	567/600.5 (MCS11)	-0.20	-0.45	2.69	5.61	8.30	10.0	-1.70
				26	18	567/600.5 (MCS11)	-1.29	-0.70	2.03	5.61	7.64	10.0	-2.36
				26	36	567/600.5 (MCS11)	0.04	-0.16	2.95	5.61	8.56	10.0	-1.44

Table 7-80. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD (RU26)

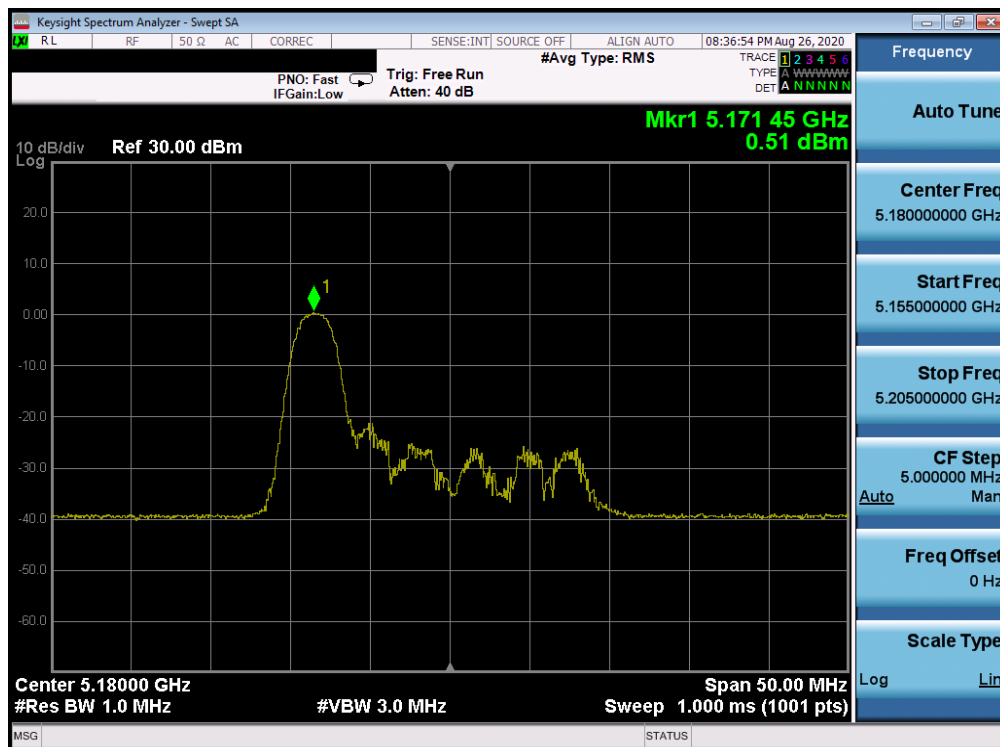
	Frequency [MHz]	Channel No.	802.11 Mode	RU Size	RU Index	Data Rate [Mbps]	Power Density [dBm/MHz]			Directional Antenna Gain [dBi]	e.i.r.p. Power Density [dBm/MHz]	ISED Max e.i.r.p. Power Density [dBm/MHz]	Margin [dB]
							ANTWF8	ANTWF7A	Summed				
Band 1	5180	36	ax (20MHz)	242	61	135/143.4 (MCS11)	-1.19	-3.17	0.94	5.61	6.55	10.0	-3.45
	5200	40	ax (20MHz)	242	61	135/143.4 (MCS11)	-1.41	-3.03	0.87	5.61	6.48	10.0	-3.52
	5240	48	ax (20MHz)	242	61	135/143.4 (MCS11)	-1.06	-2.91	1.12	5.61	6.73	10.0	-3.27
	5190	38	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.73	-3.49	0.49	5.61	6.10	10.0	-3.90
	5230	46	ax (40MHz)	484	65	271/286.8 (MCS11)	-1.20	-3.30	0.89	5.61	6.50	10.0	-3.50
	5210	42	ax (80MHz)	996	67	567/600.5 (MCS11)	-6.24	-8.19	-4.10	5.61	1.51	10.0	-8.49

Table 7-81. ISED Band 1 e.i.r.p. Power Spectral Density Measurements CDD (Fully-loaded RU)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 405 of 591

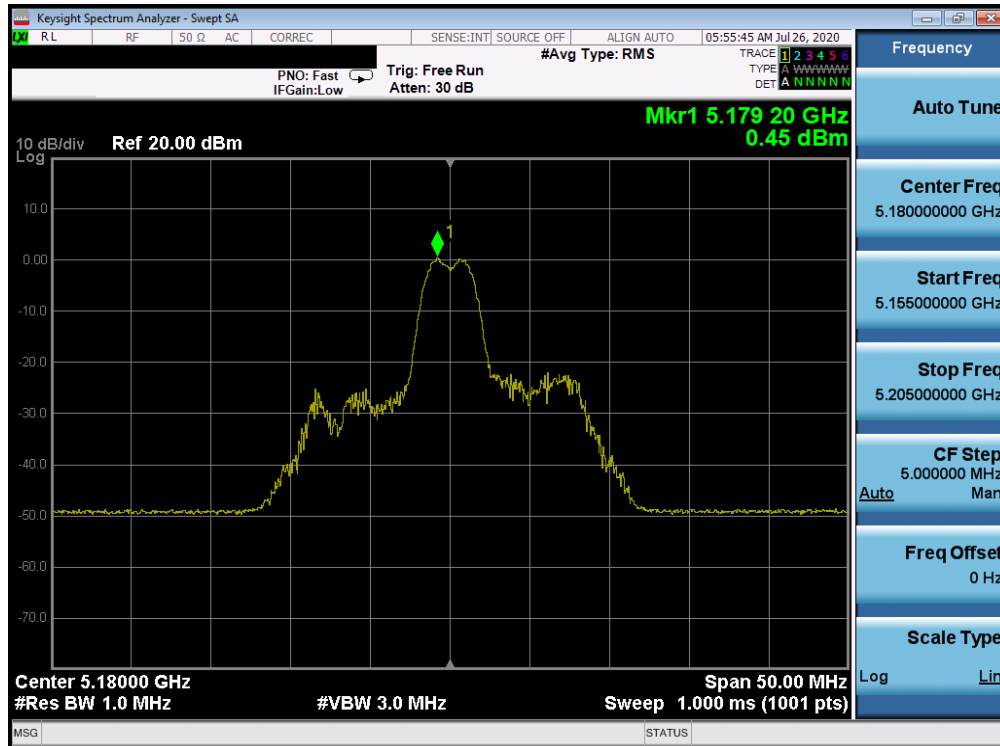


Plot 7-673. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)

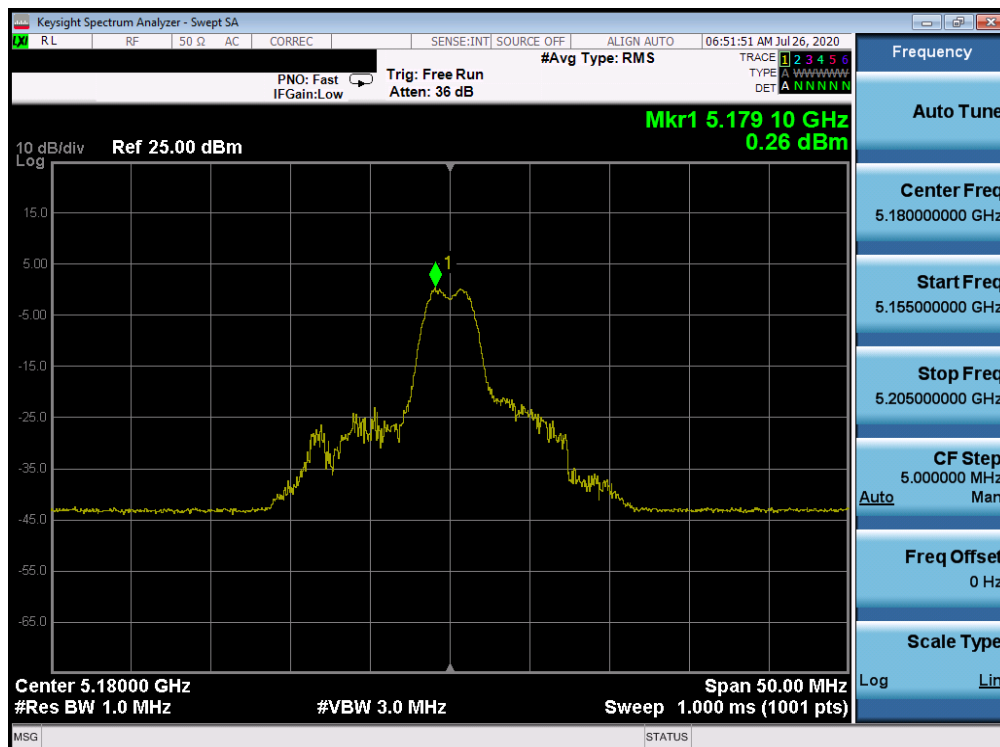


Plot 7-674. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 406 of 591

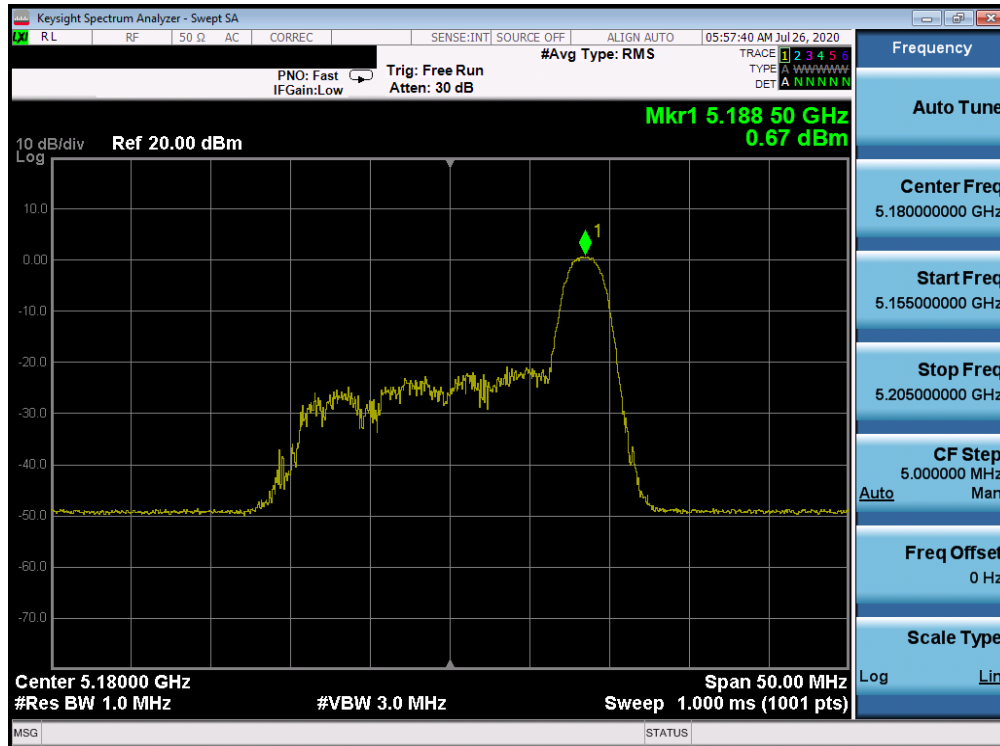


Plot 7-675. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

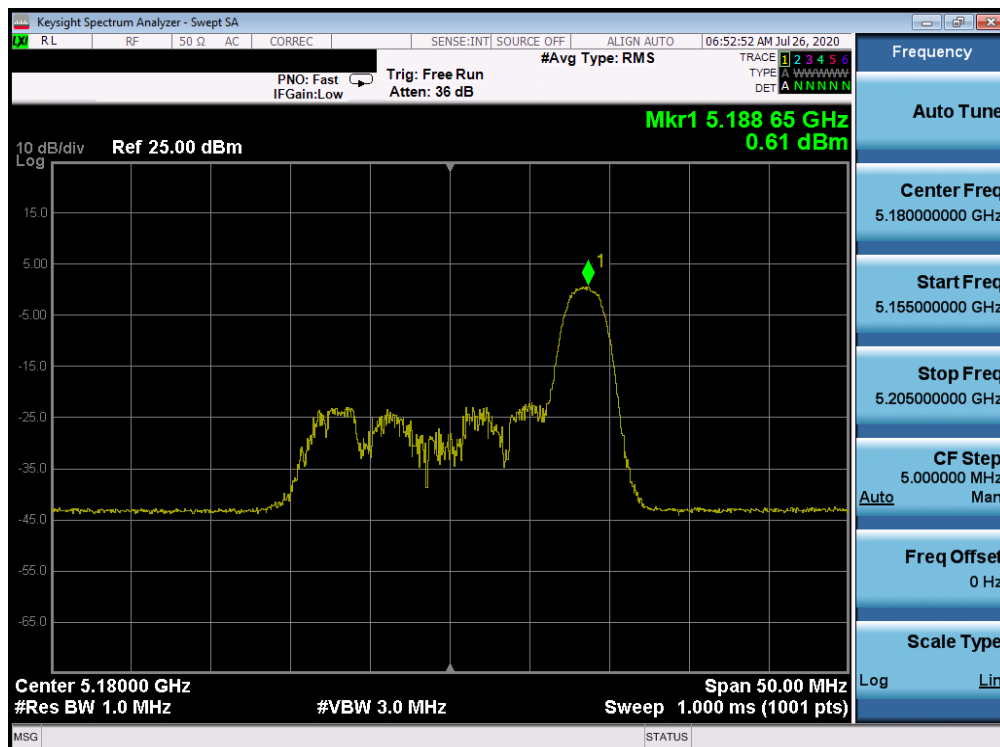


Plot 7-676. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 407 of 591

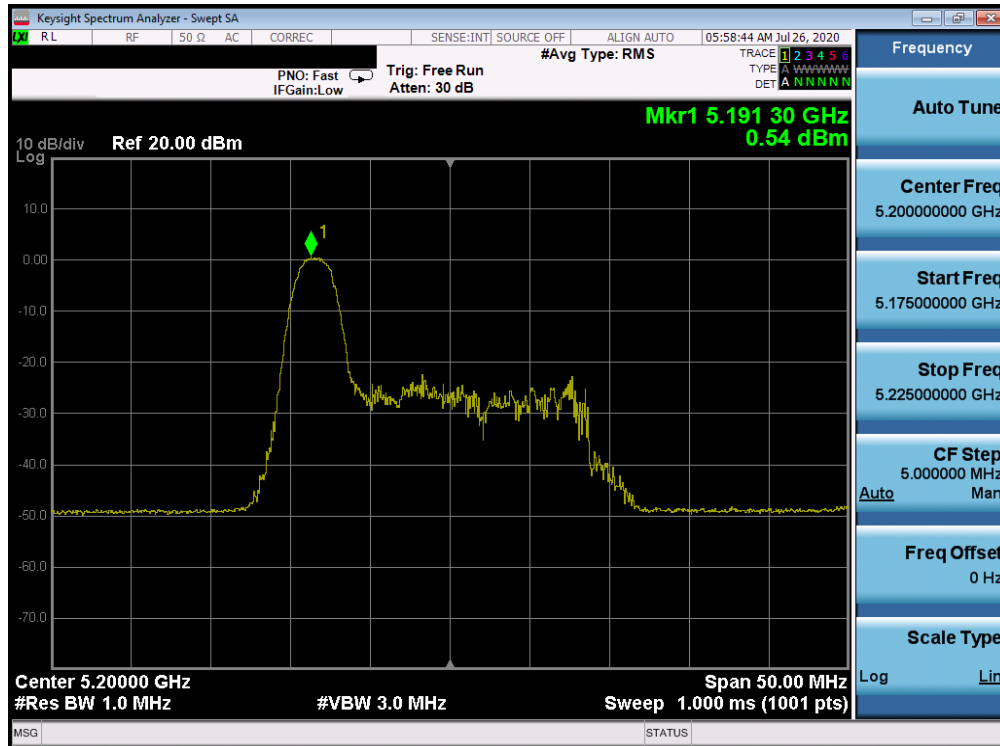


Plot 7-677. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 36)

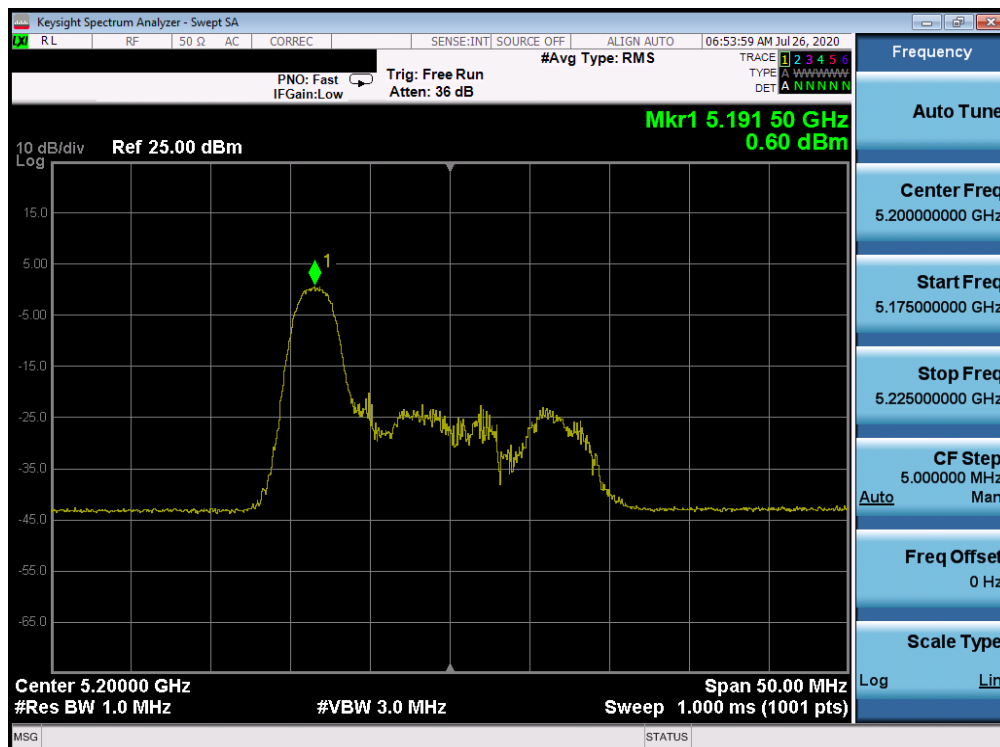


Plot 7-678. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 408 of 591

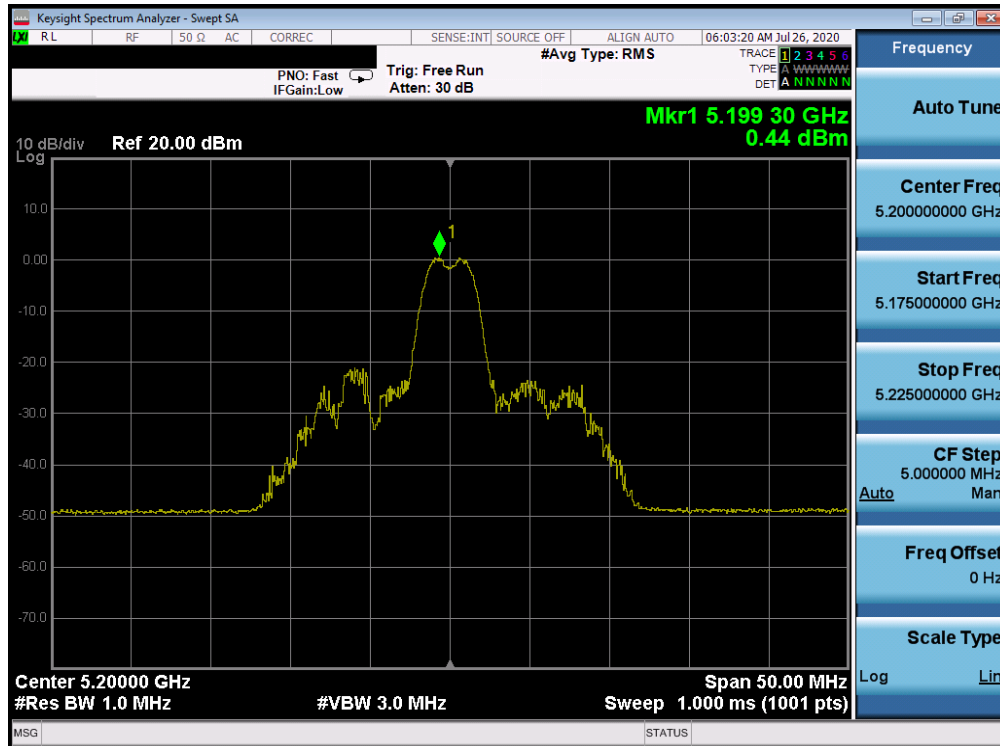


Plot 7-679. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 40)

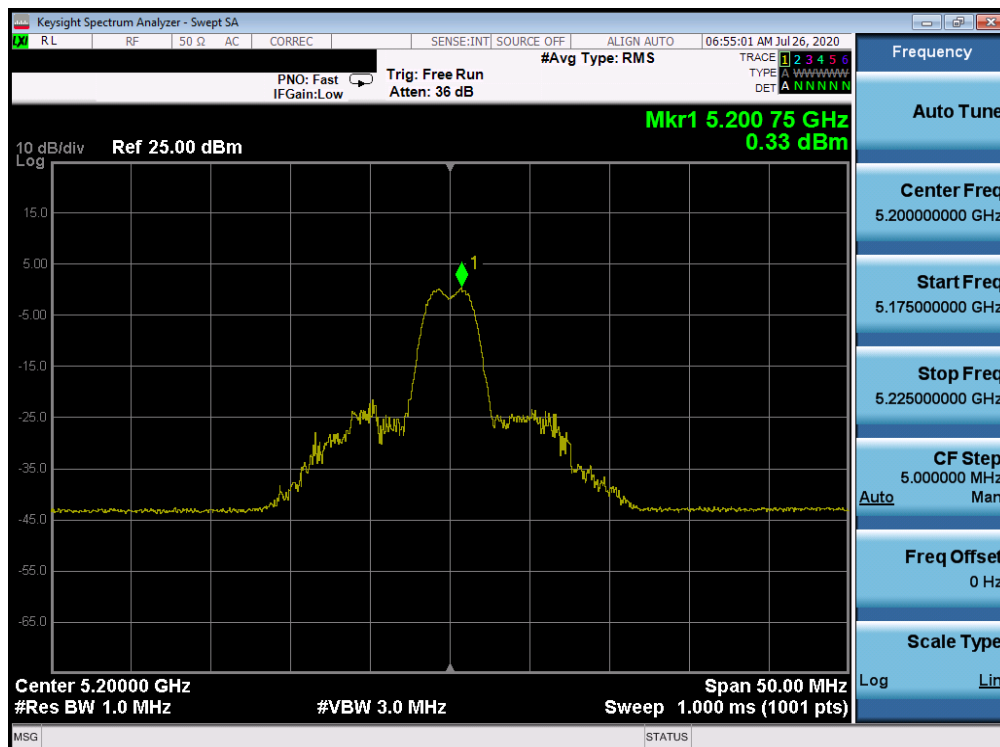


Plot 7-680. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 409 of 591

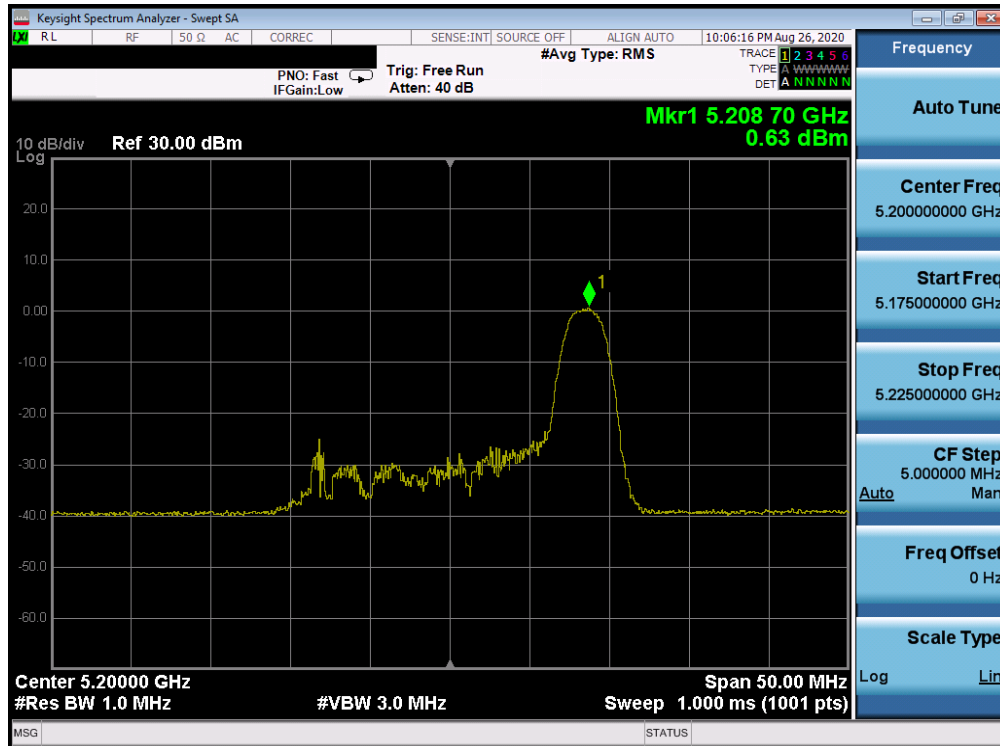


Plot 7-681. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 40)

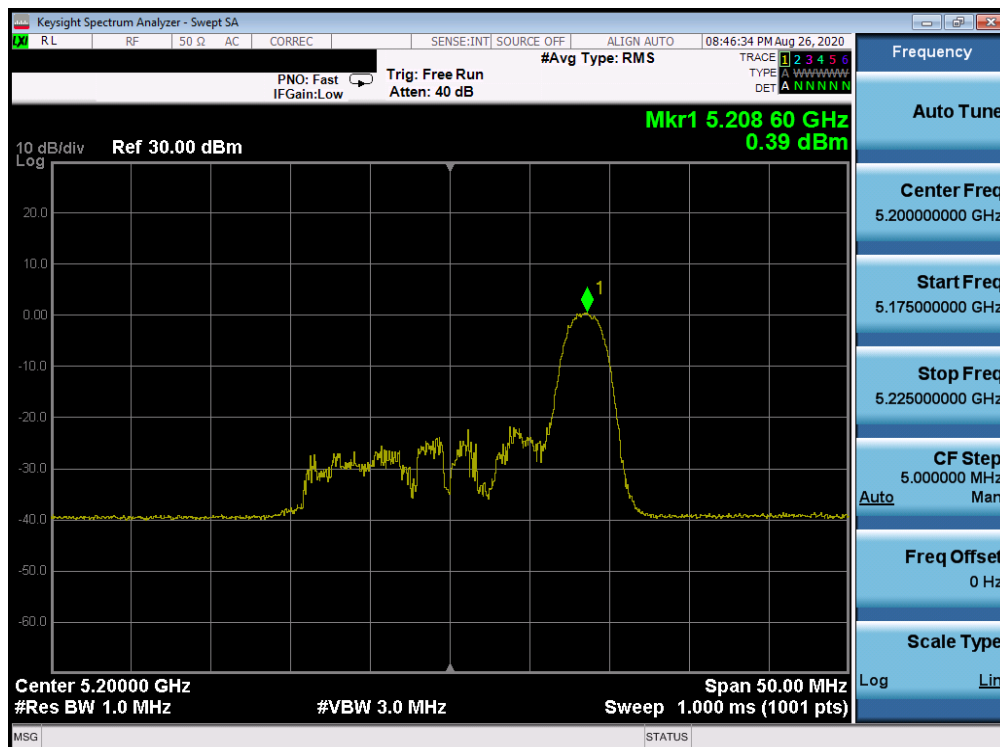


Plot 7-682. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 410 of 591

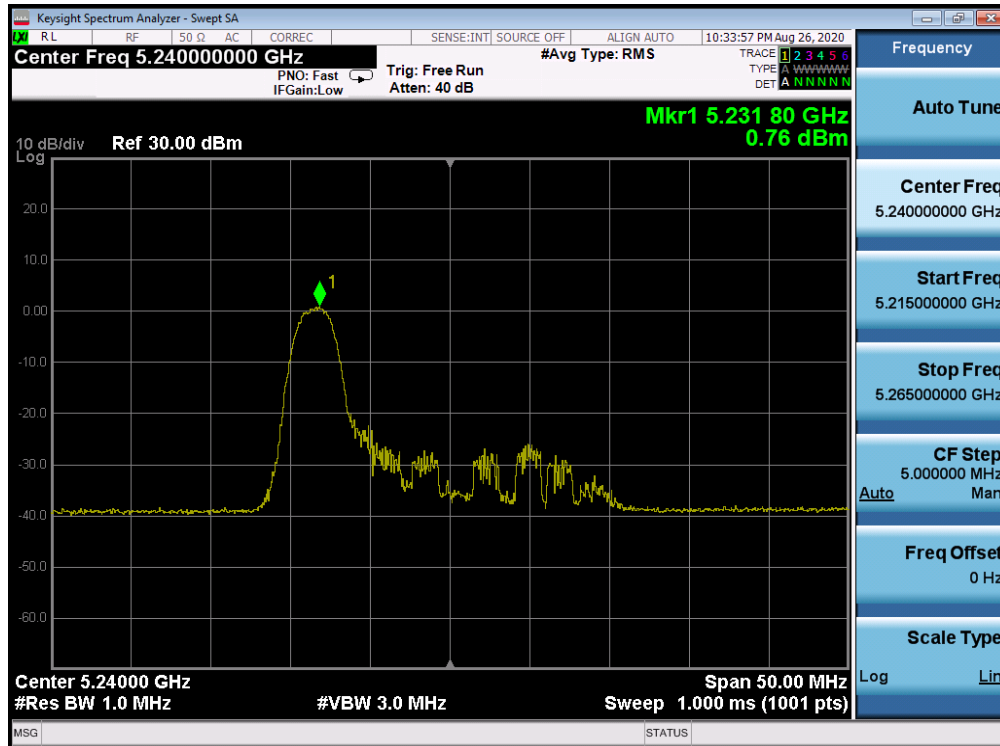


Plot 7-683. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 8- RU26 (UNII Band 1) – Ch. 40)

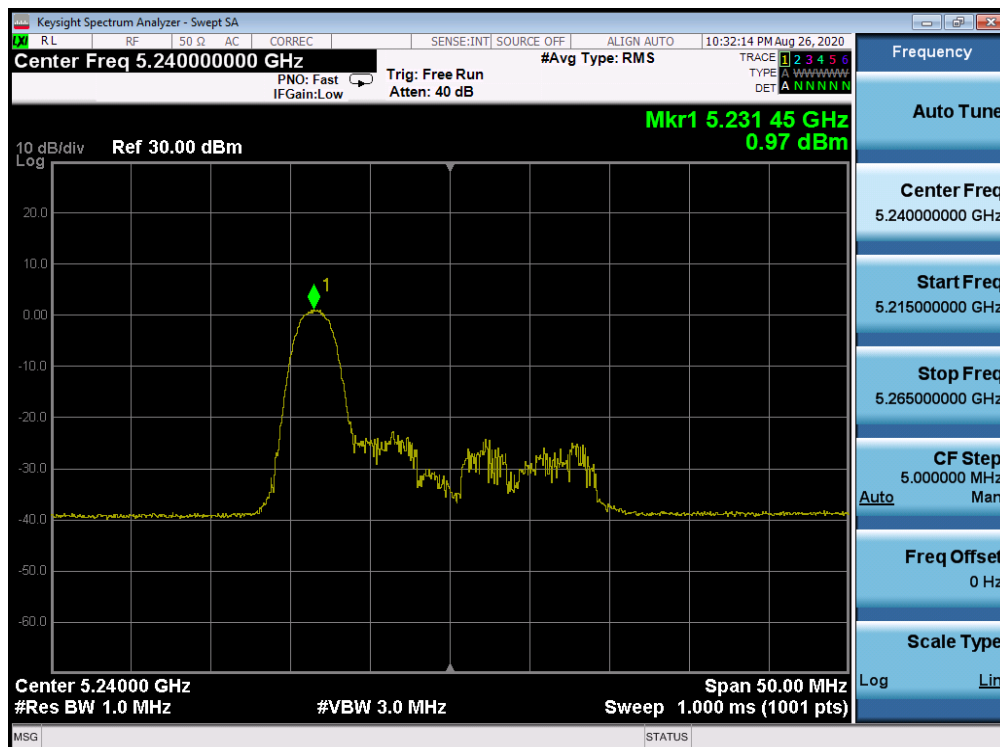


Plot 7-684. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 8- RU26 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 411 of 591

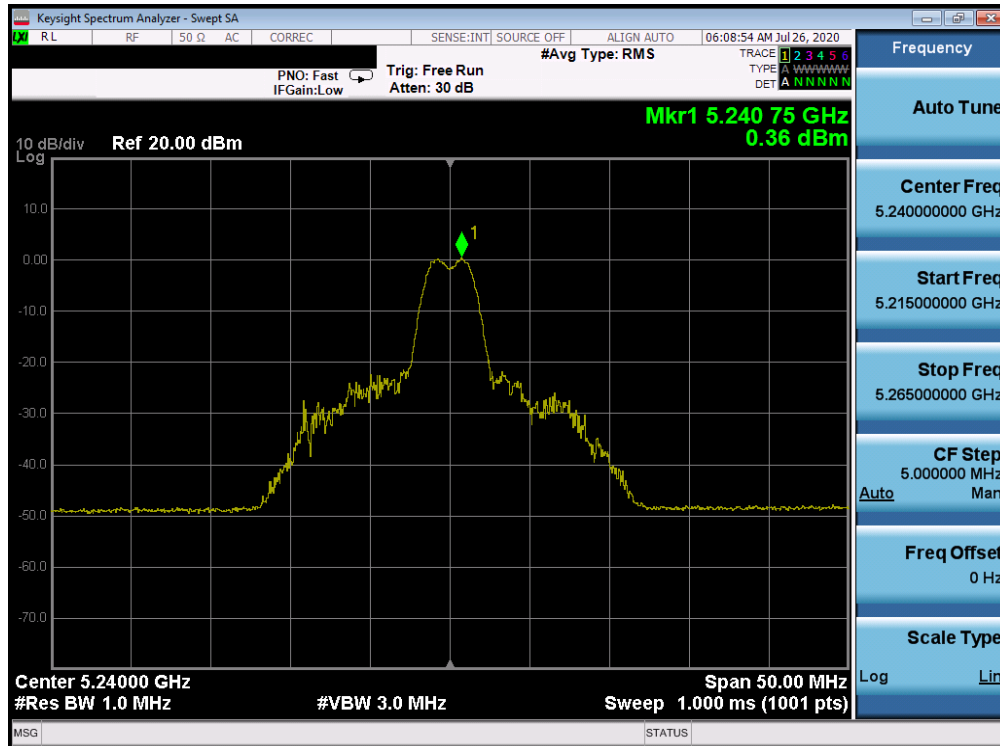


Plot 7-685. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)

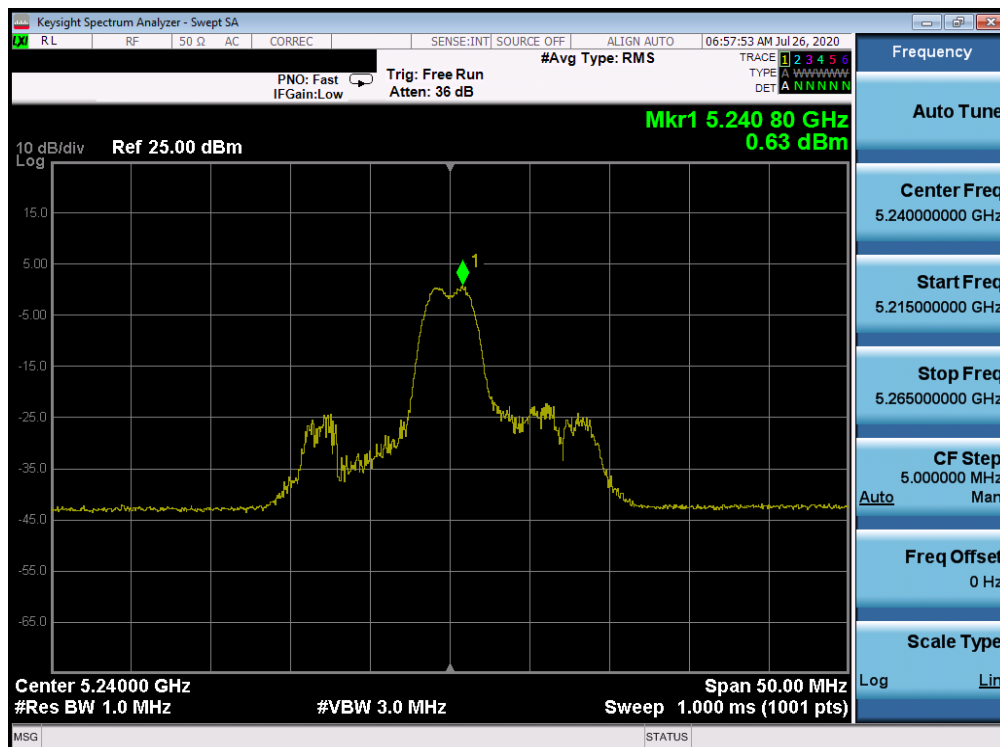


Plot 7-686. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 412 of 591

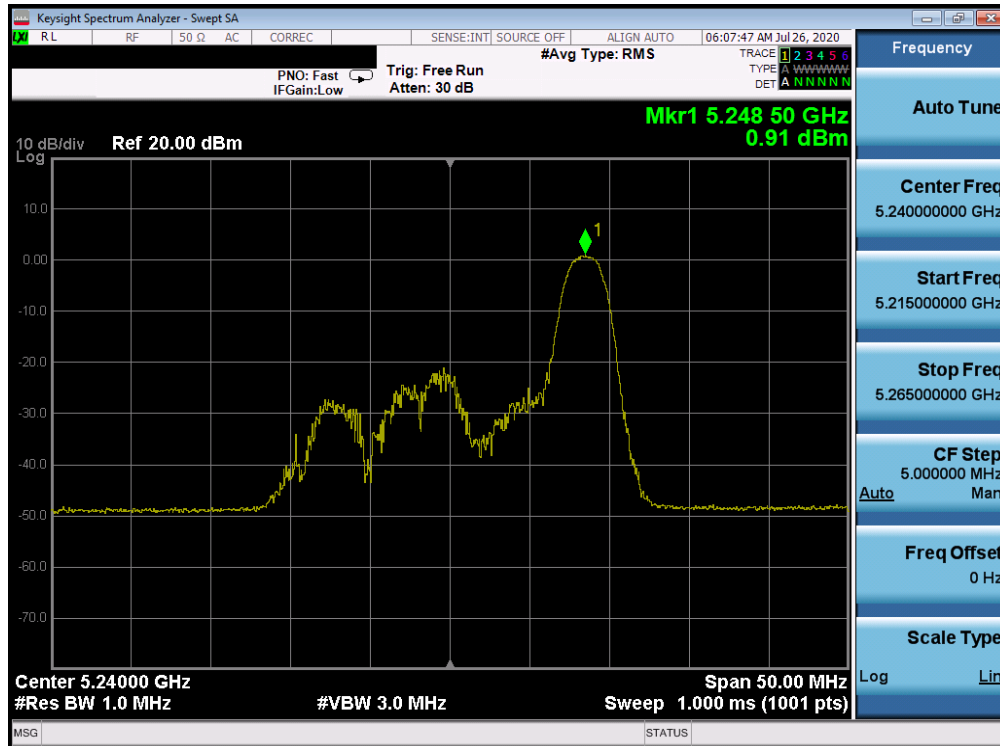


Plot 7-687. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

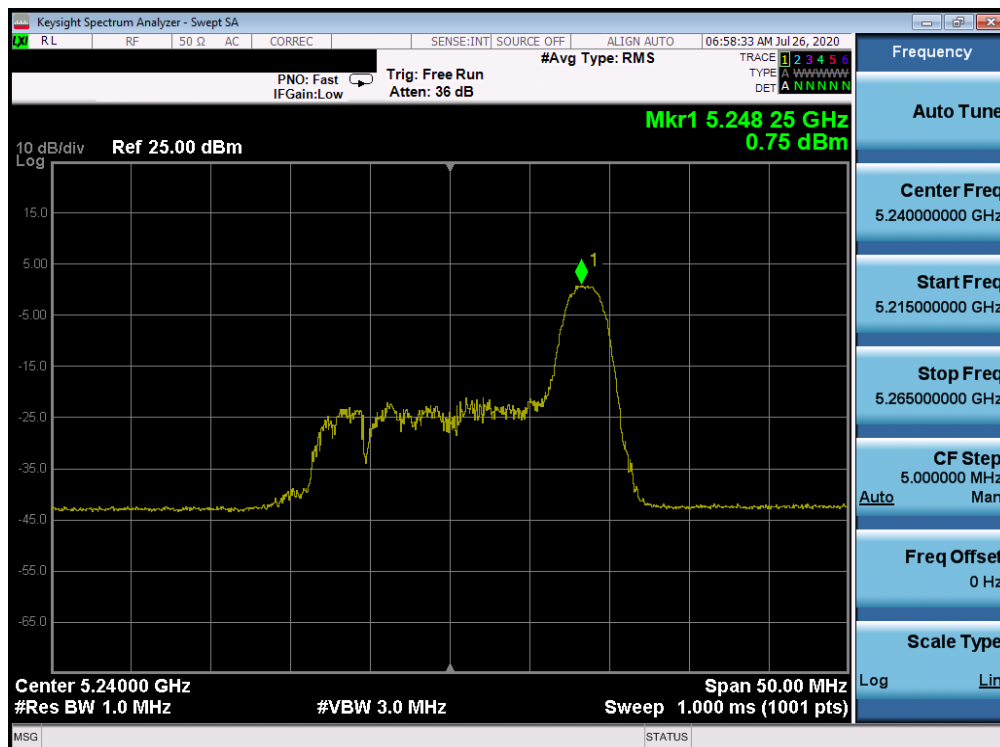


Plot 7-688. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 4 – RU26 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 413 of 591

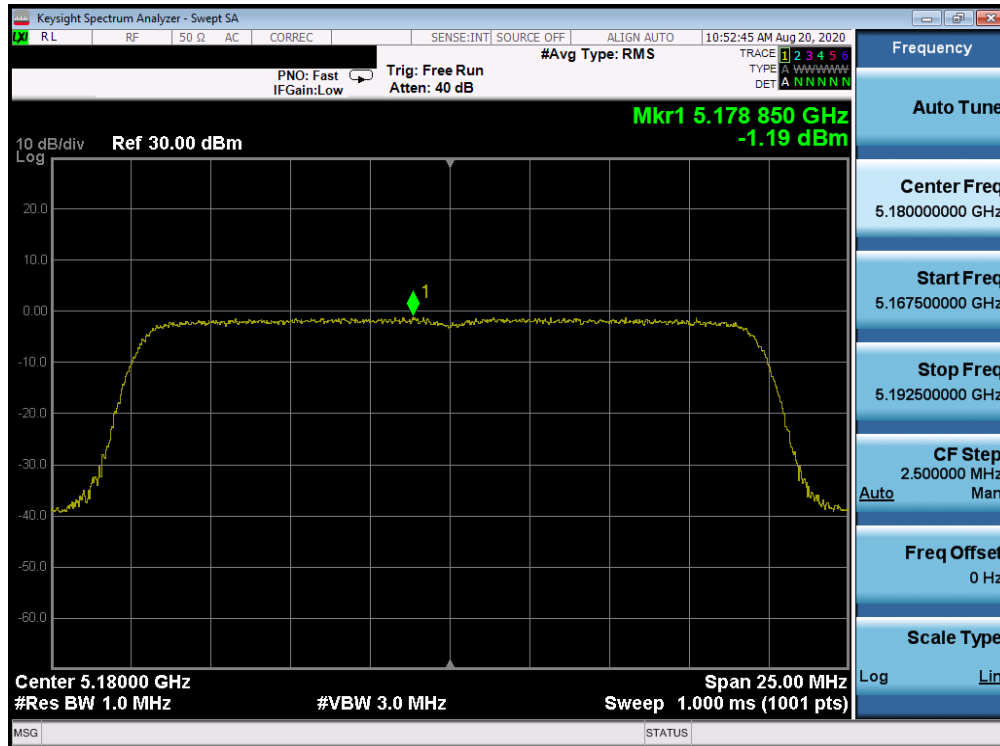


Plot 7-689. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 48)

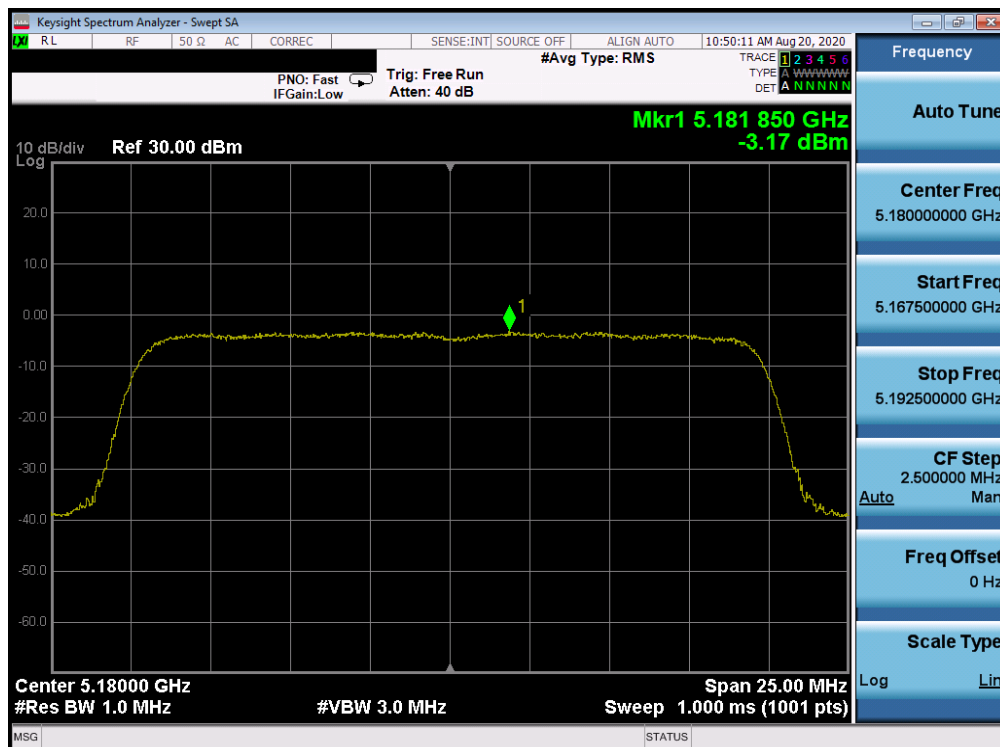


Plot 7-690. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 414 of 591

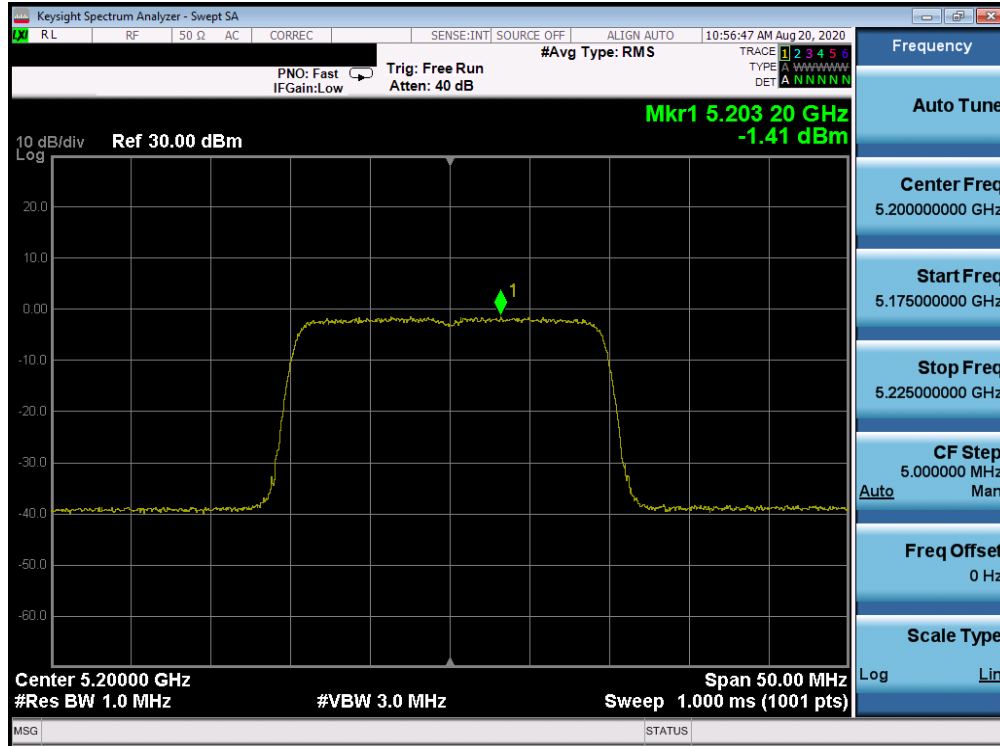


Plot 7-691. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 36)

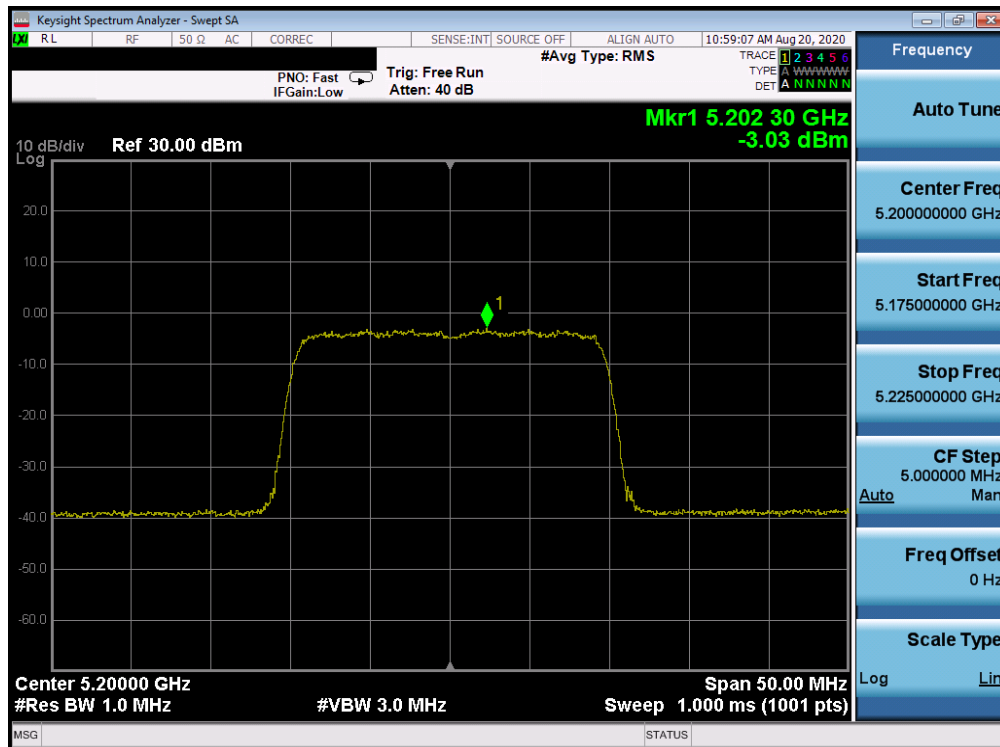


Plot 7-692. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 36)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 415 of 591

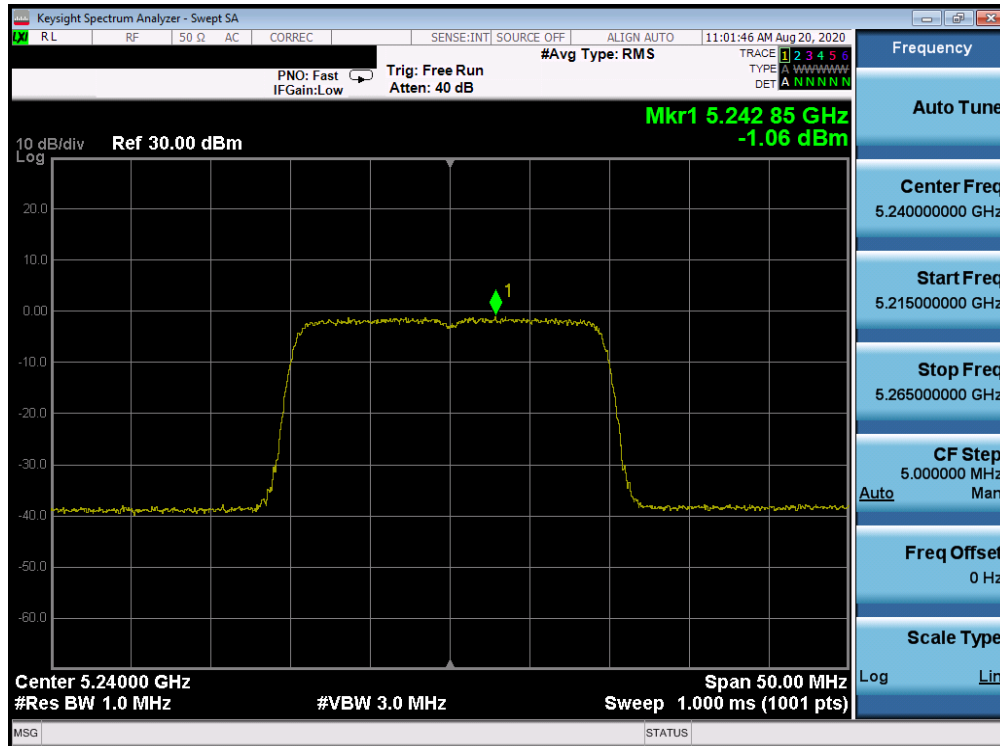


Plot 7-693. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 40)

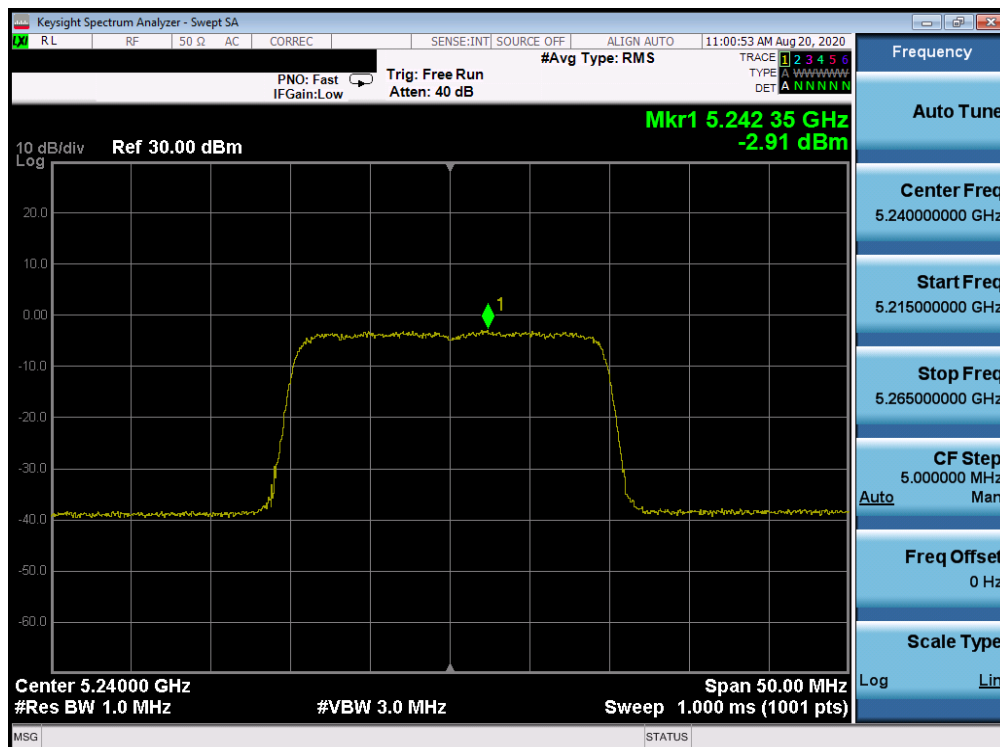


Plot 7-694. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 40)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 416 of 591

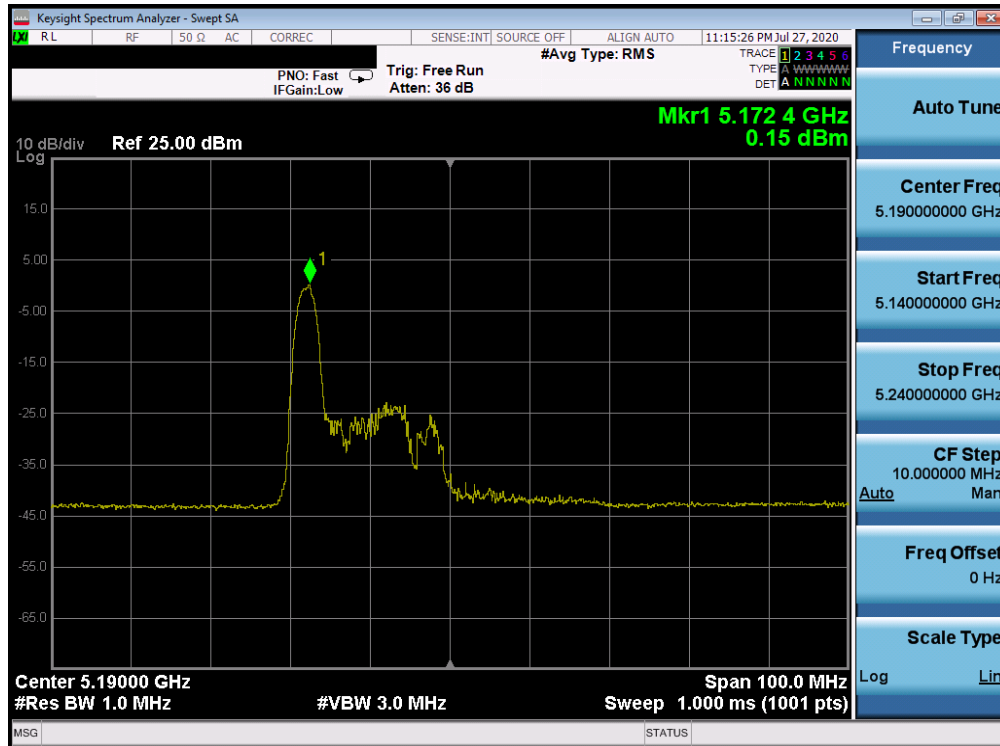


Plot 7-695. ISED Power Spectral Density Plot CDD ANT WF8 (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 48)

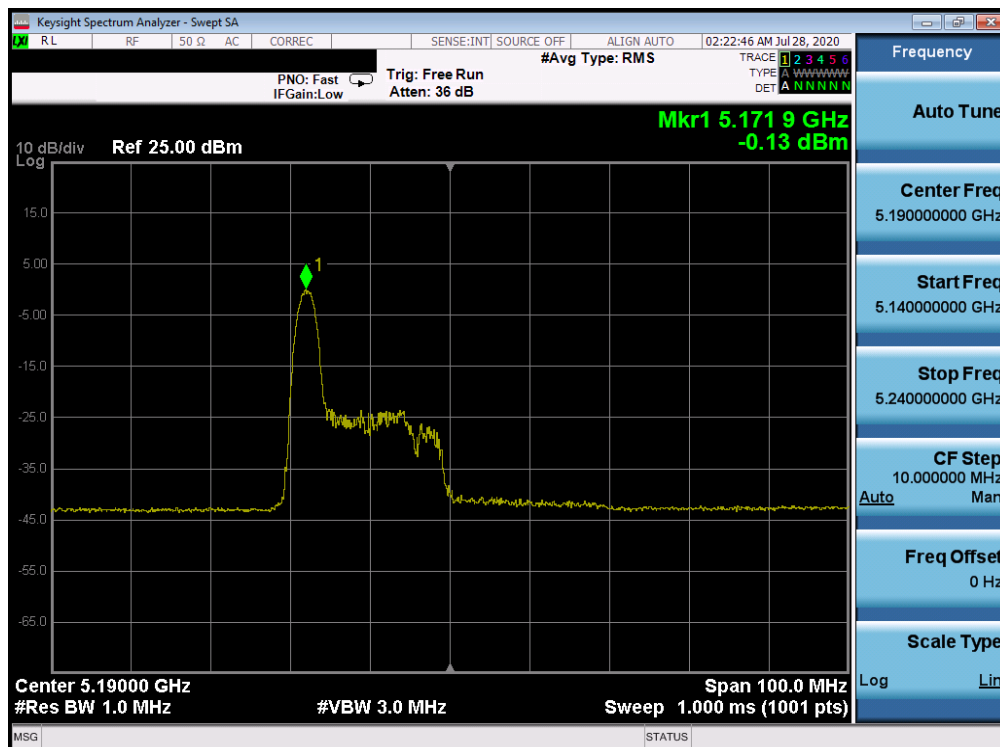


Plot 7-696. ISED Power Spectral Density Plot CDD ANT WF7a (20MHz BW 802.11ax- RU242 (UNII Band 1) – Ch. 48)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 417 of 591

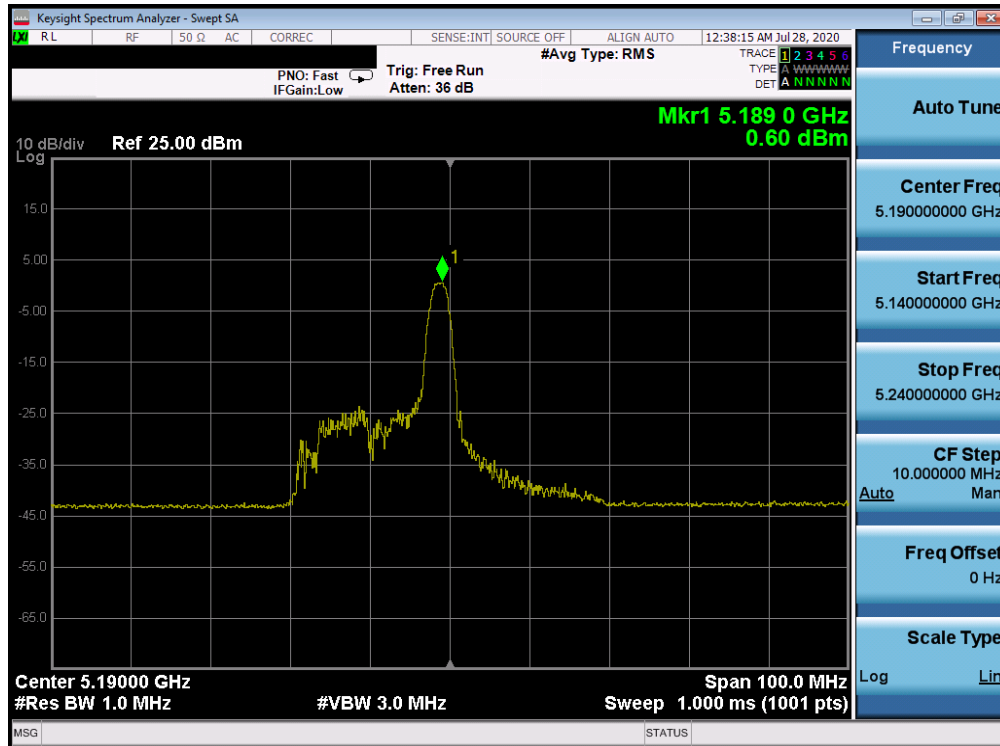


Plot 7-697. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)

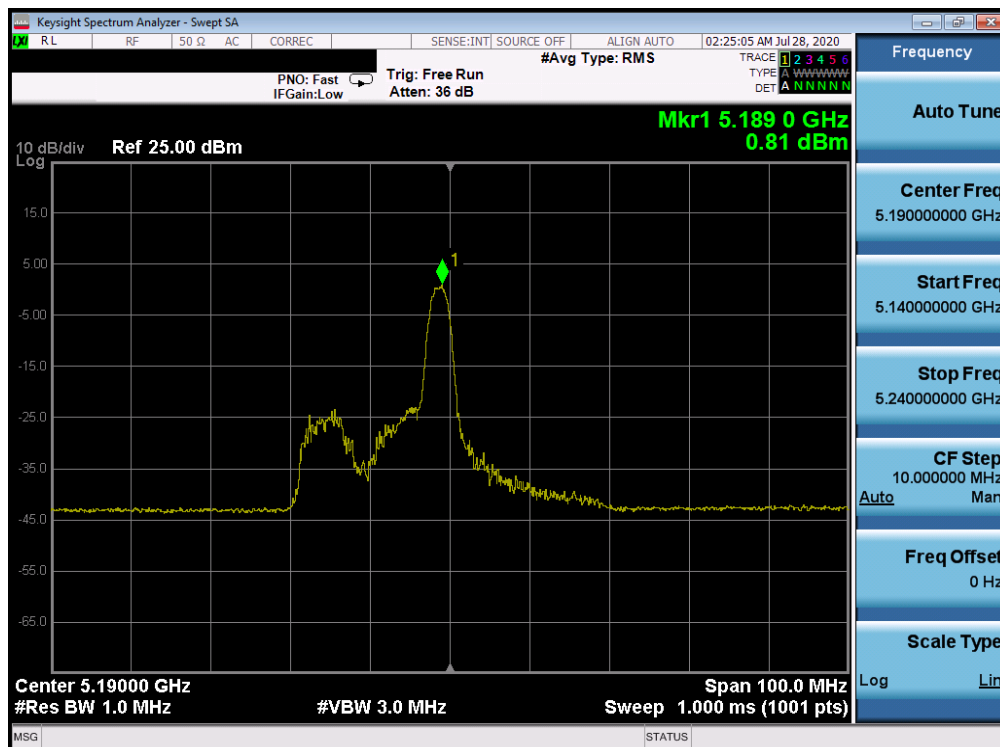


Plot 7-698. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 38)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 418 of 591

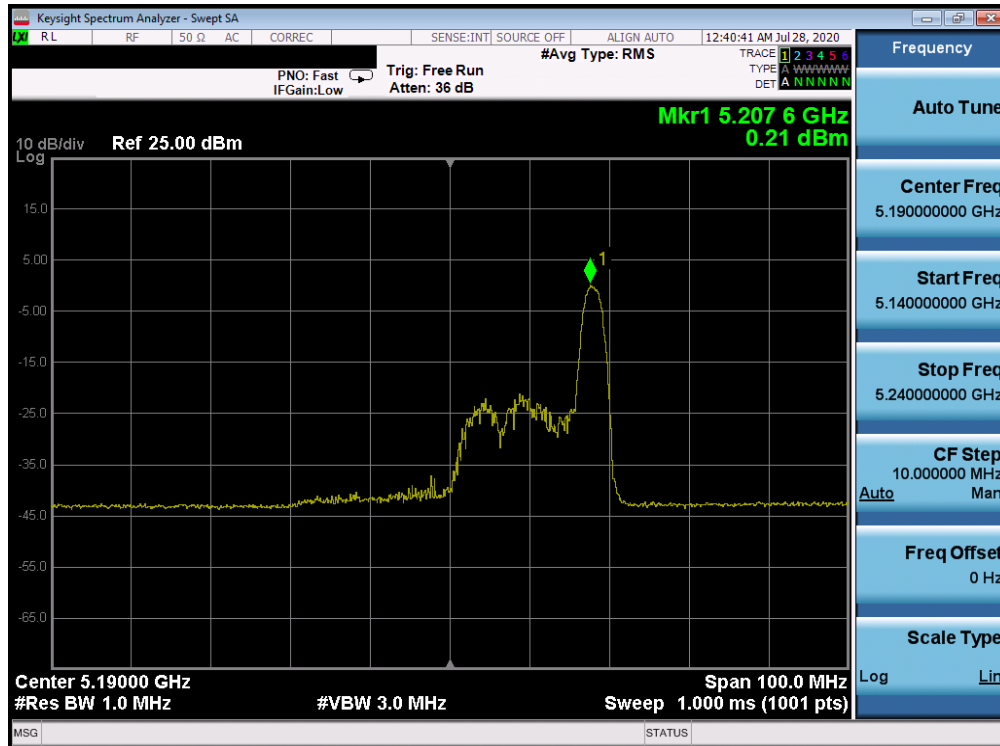


Plot 7-699. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

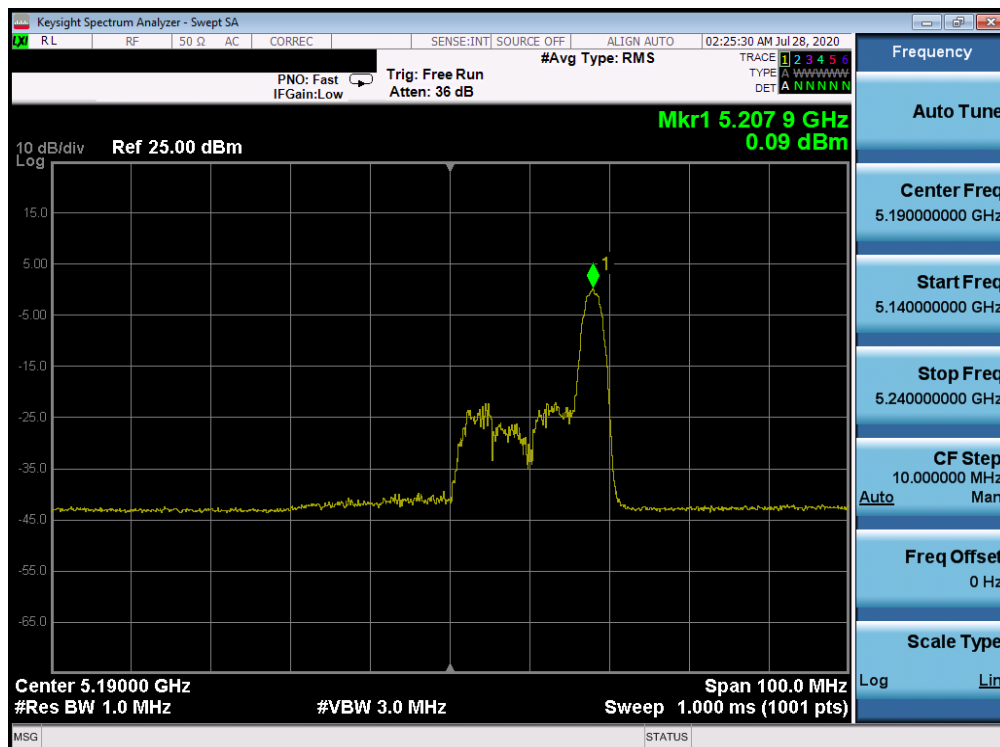


Plot 7-700. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 38)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 419 of 591

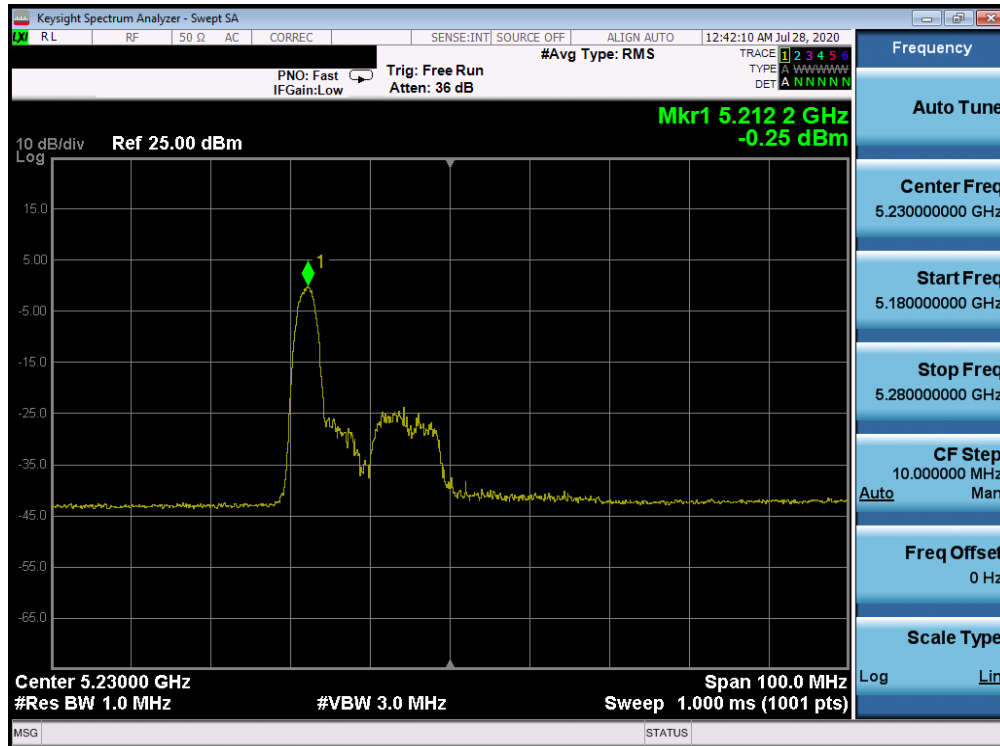


Plot 7-701. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)

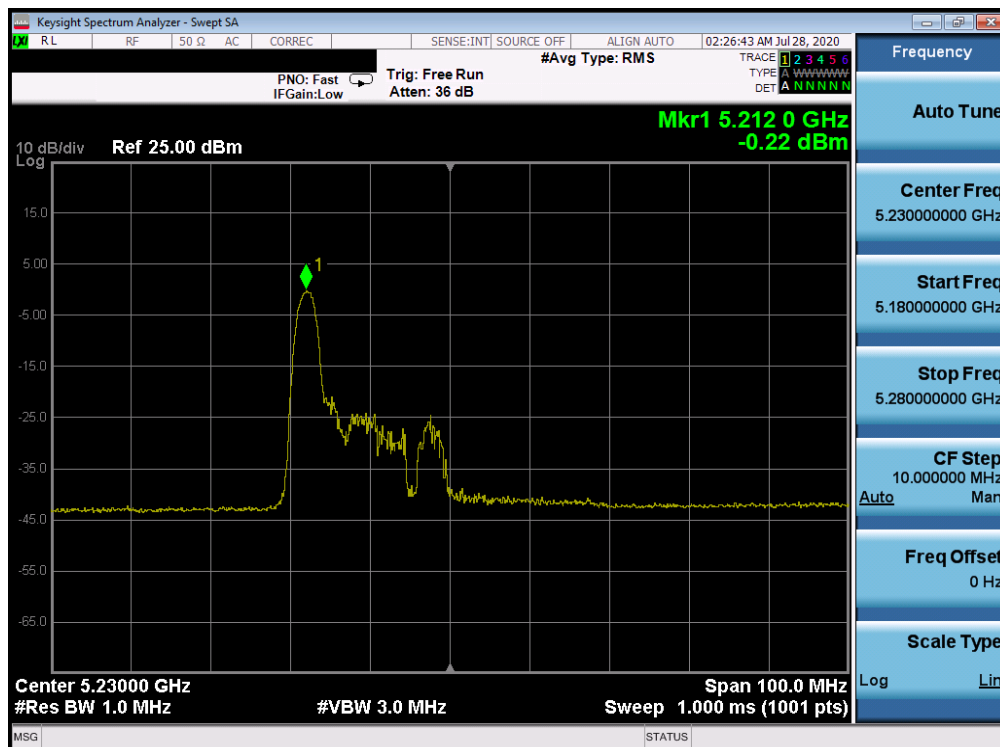


Plot 7-702. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 38)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 420 of 591

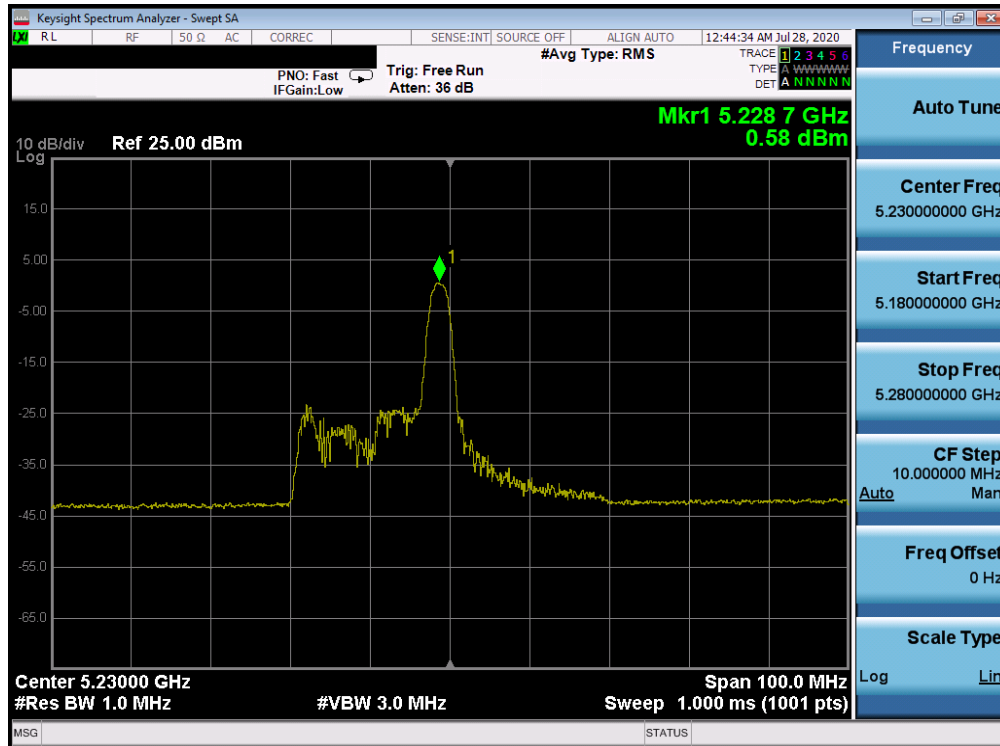


Plot 7-703. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

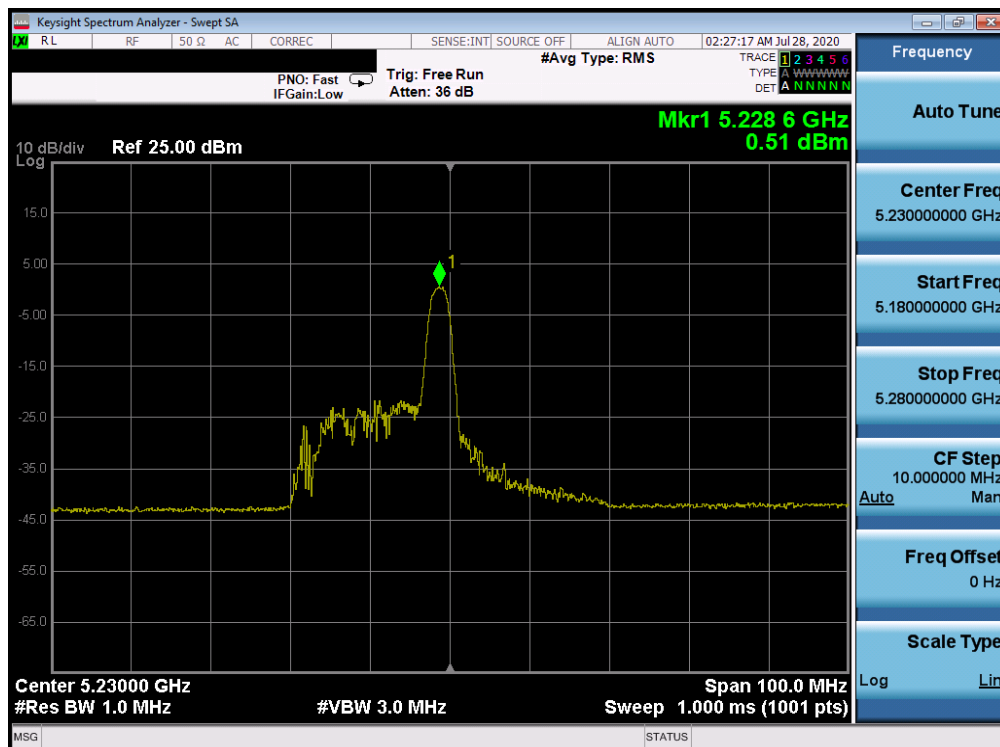


Plot 7-704. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 46)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 421 of 591

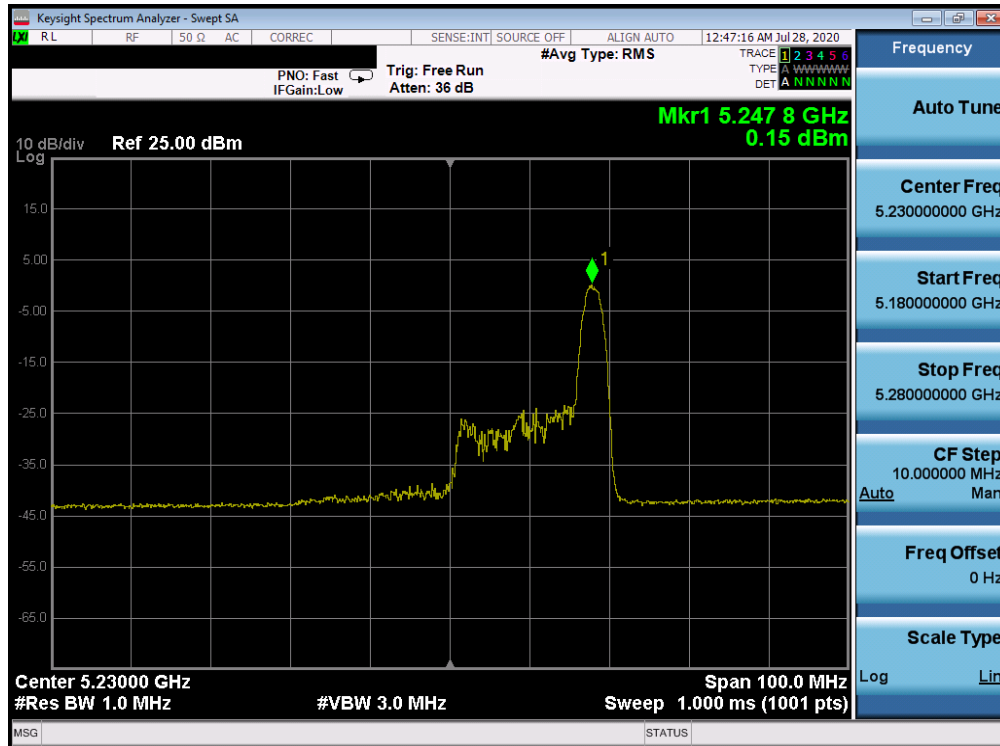


Plot 7-705. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 46)

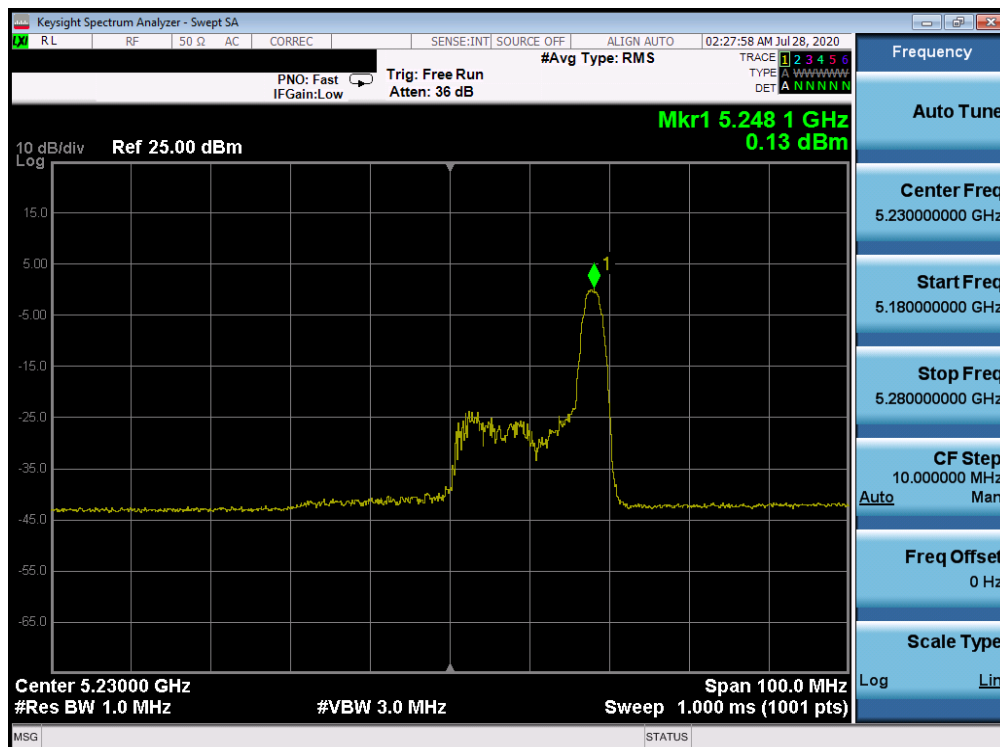


Plot 7-706. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 8 – RU26 (UNII Band 1) – Ch. 46)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 422 of 591

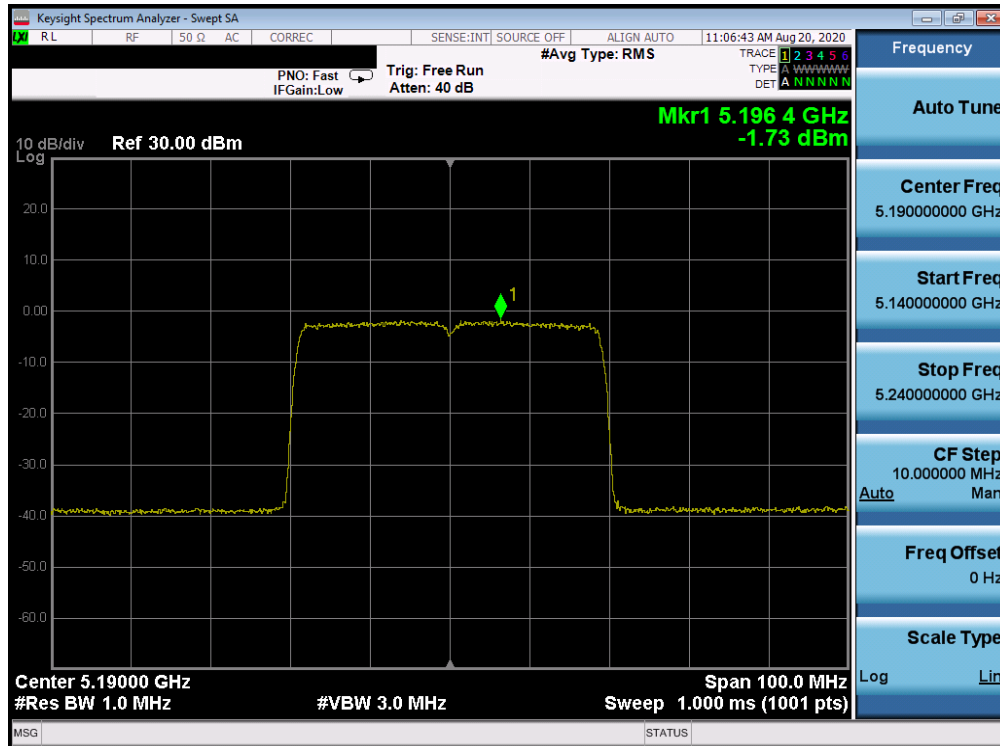


Plot 7-707. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 46)

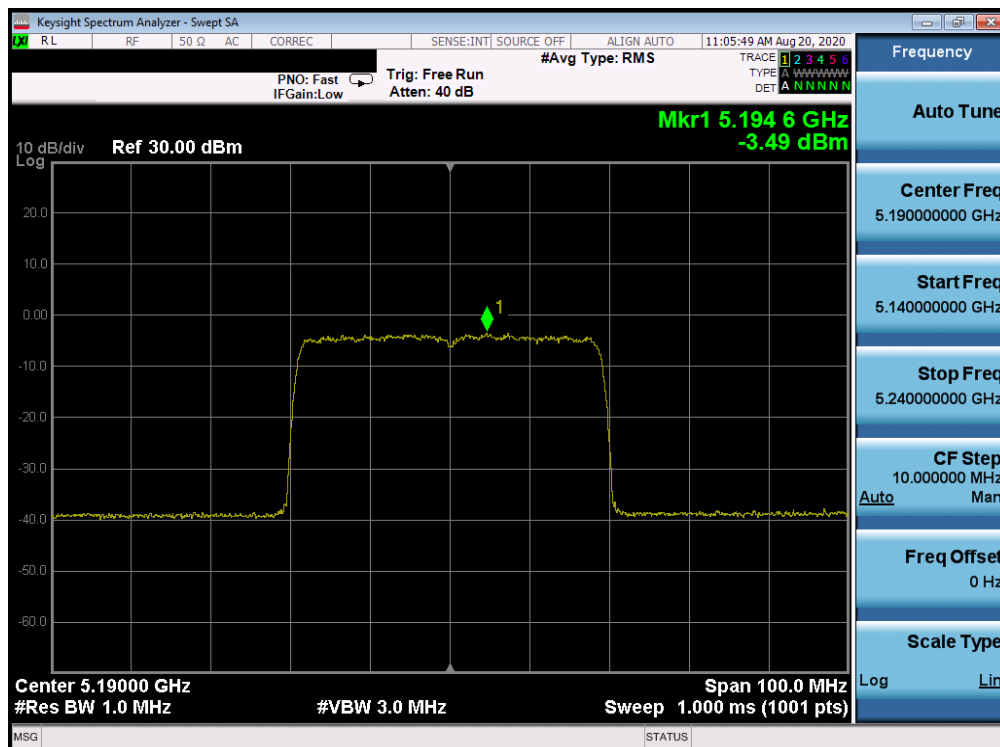


Plot 7-708. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax Index 17 – RU26 (UNII Band 1) – Ch. 46)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 423 of 591

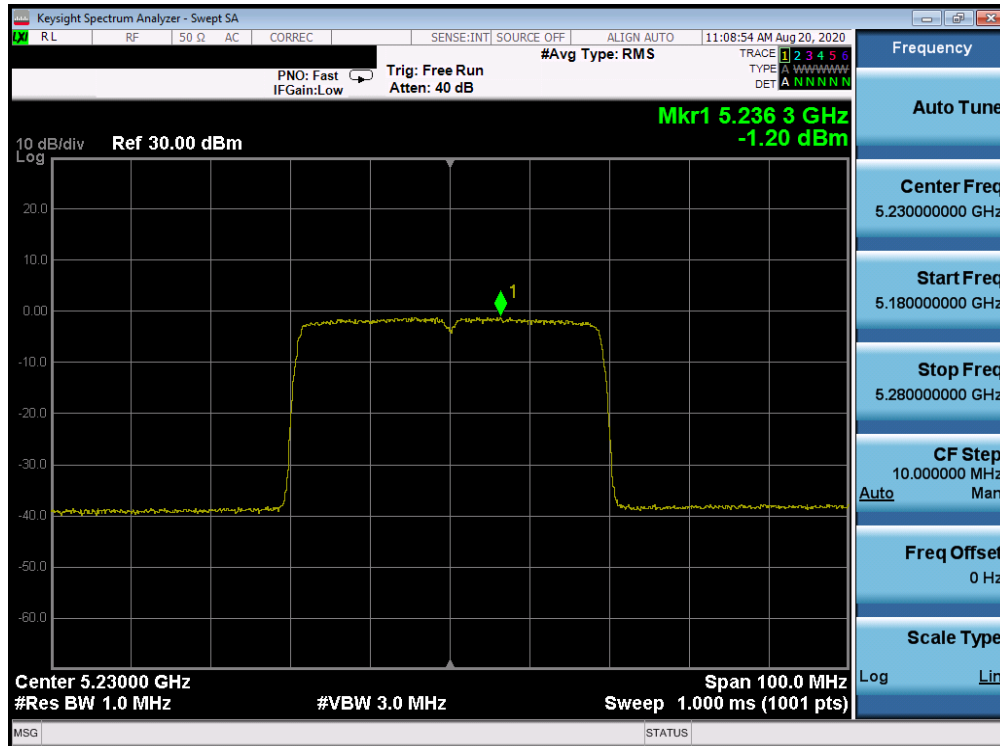


Plot 7-709. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 38)

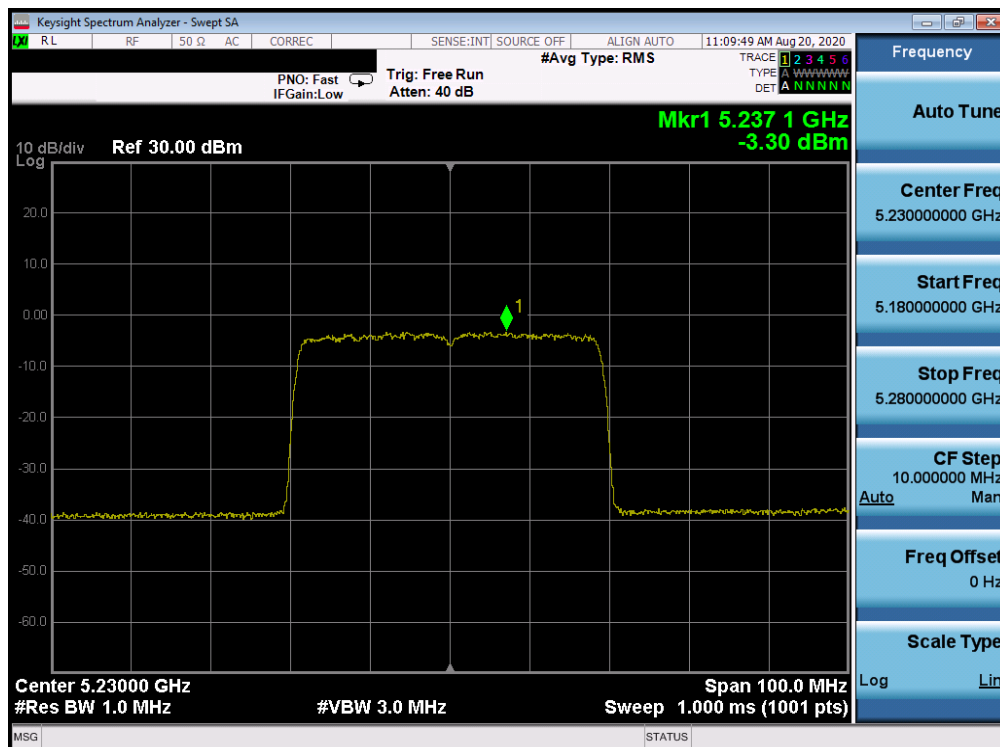


Plot 7-710. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 38)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 424 of 591

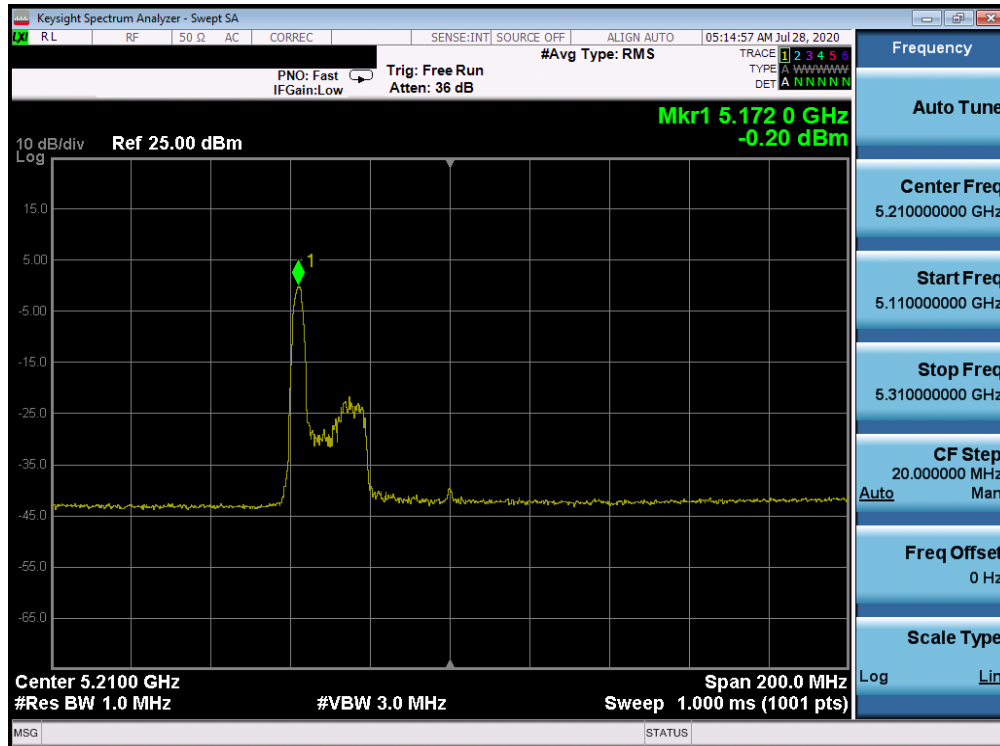


Plot 7-711. ISED Power Spectral Density Plot CDD ANT WF8 (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 46)

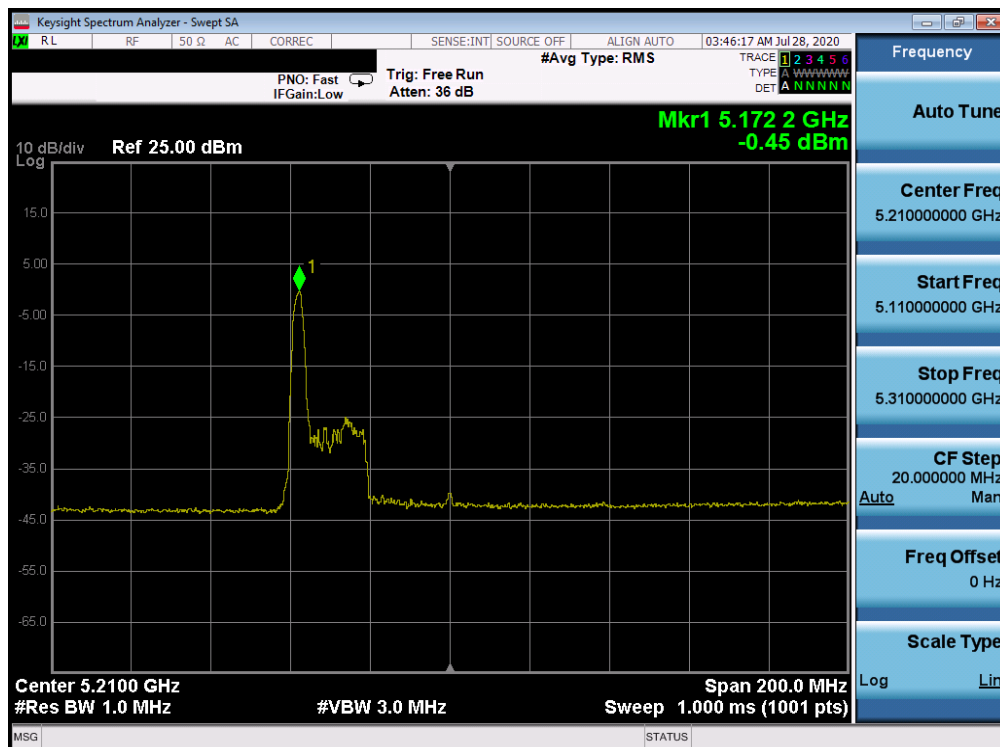


Plot 7-712. ISED Power Spectral Density Plot CDD ANT WF7a (40MHz BW 802.11ax – RU484 (UNII Band 1) – Ch. 46)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 425 of 591

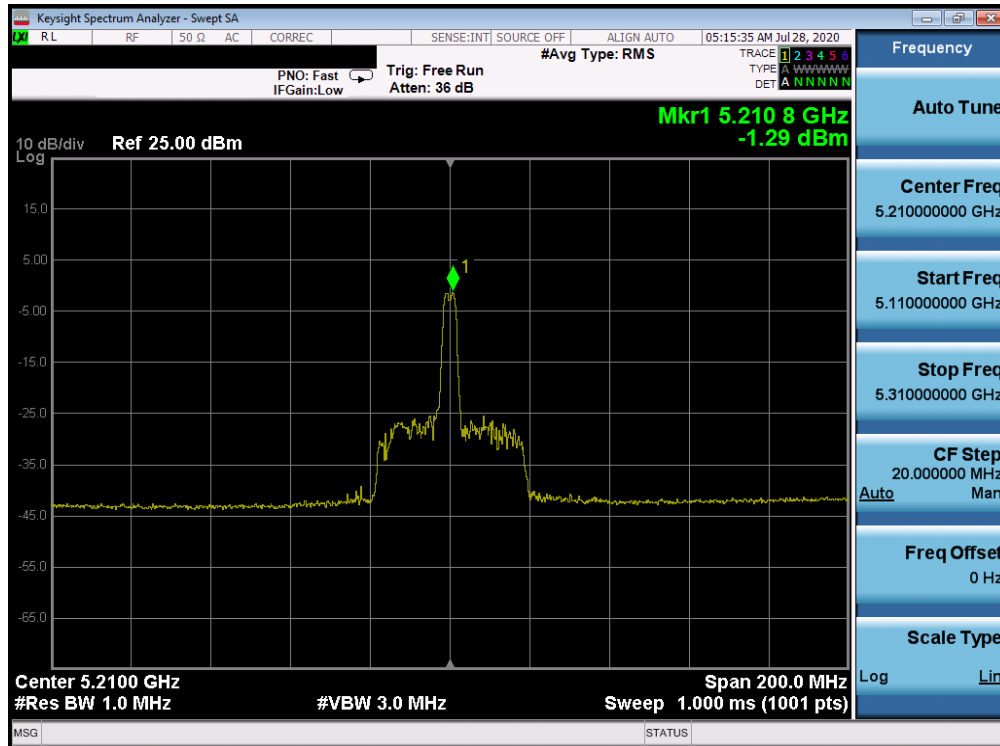


Plot 7-713. ISED Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 42)

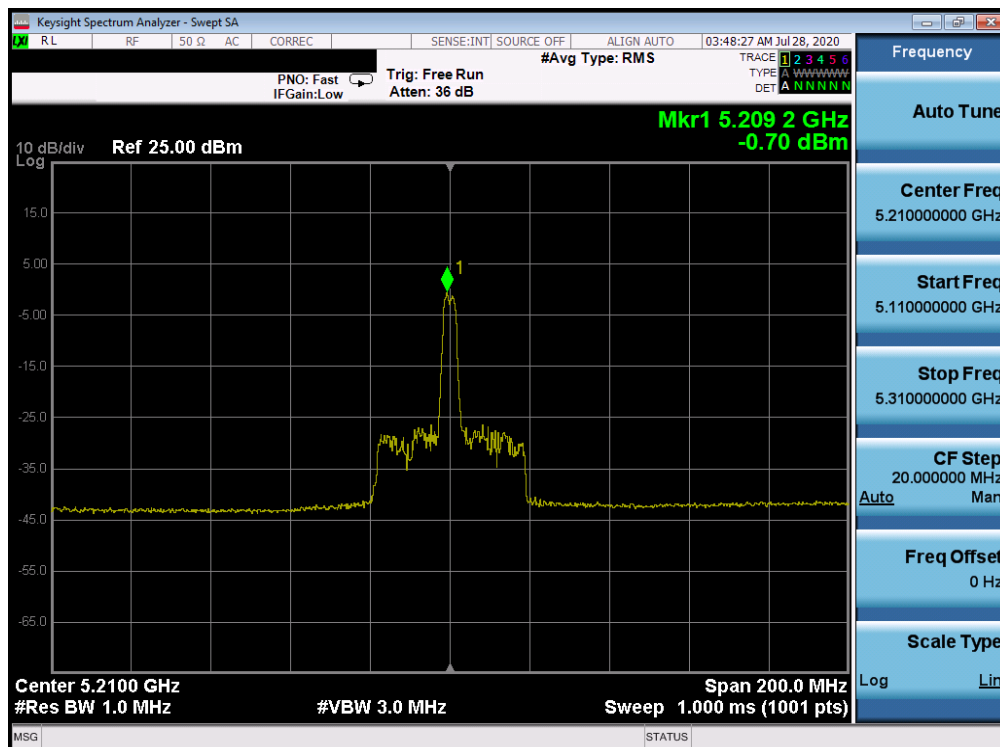


Plot 7-714. ISED Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax Index 0 – RU26 (UNII Band 1) – Ch. 42)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 426 of 591

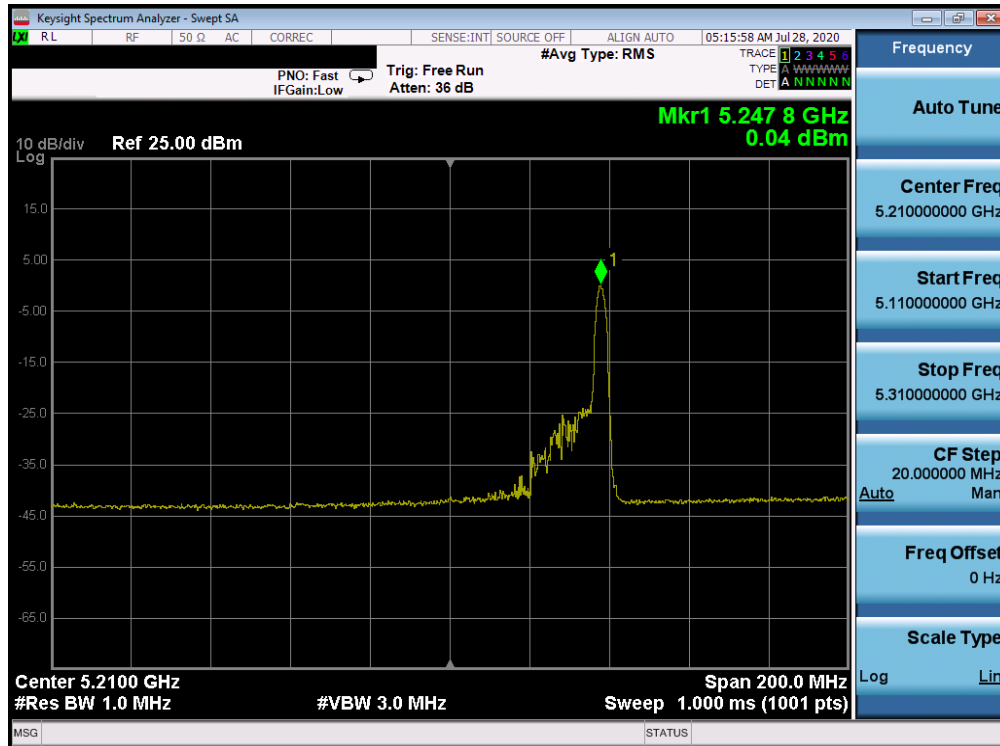


Plot 7-715. ISED Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)

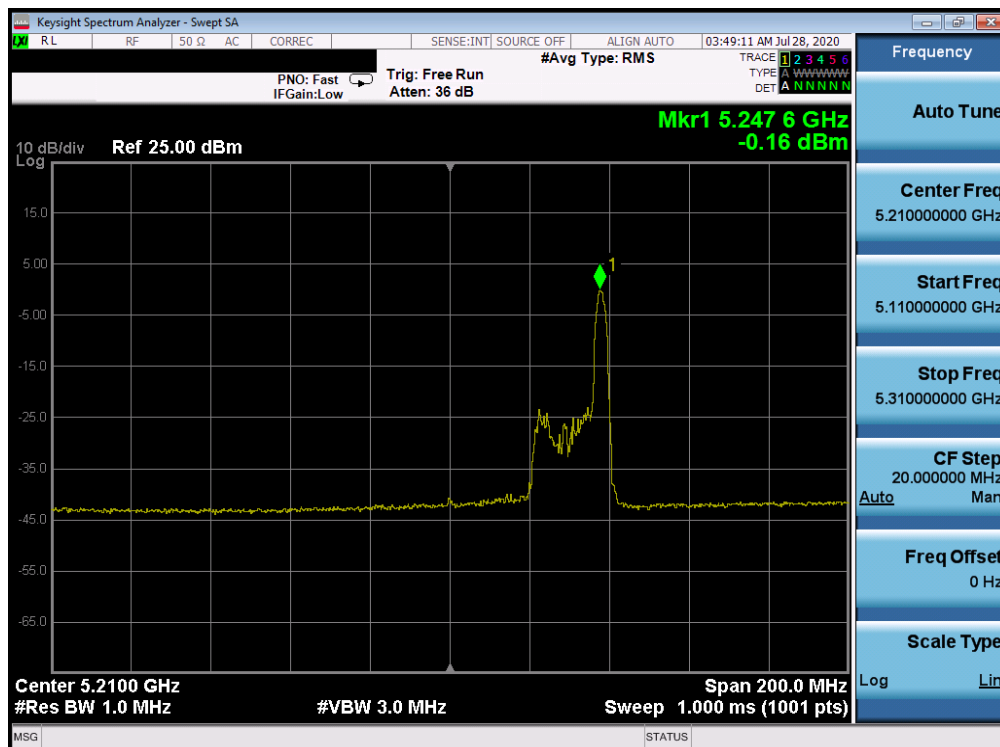


Plot 7-716. ISED Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax Index 18 – RU26 (UNII Band 1) – Ch. 42)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 427 of 591

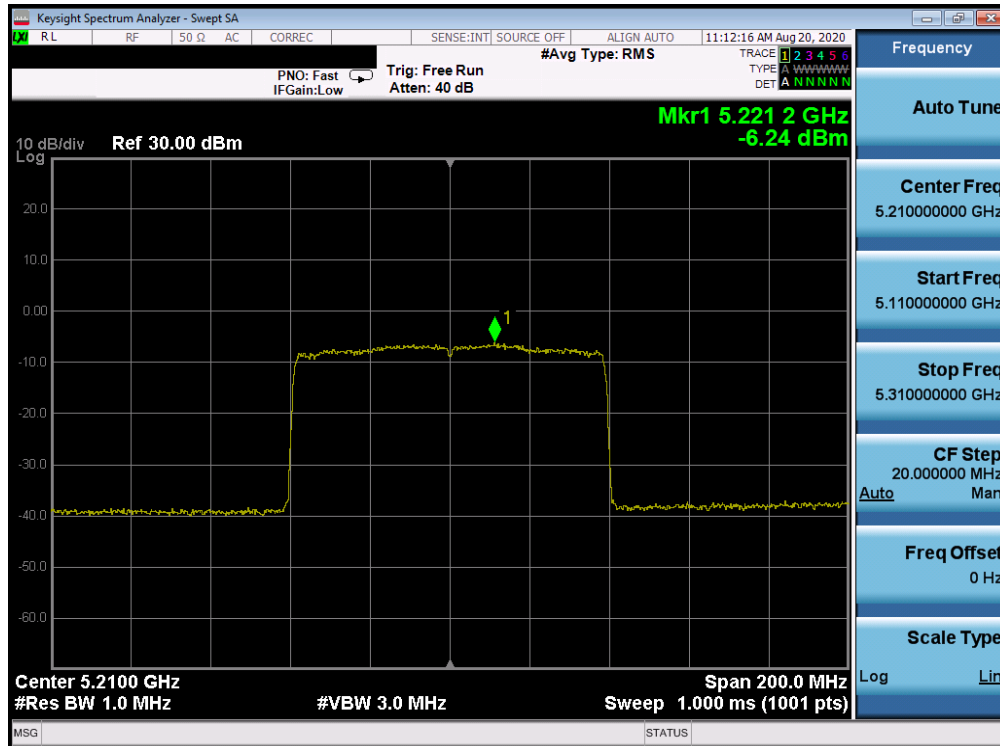


Plot 7-717. ISED Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)

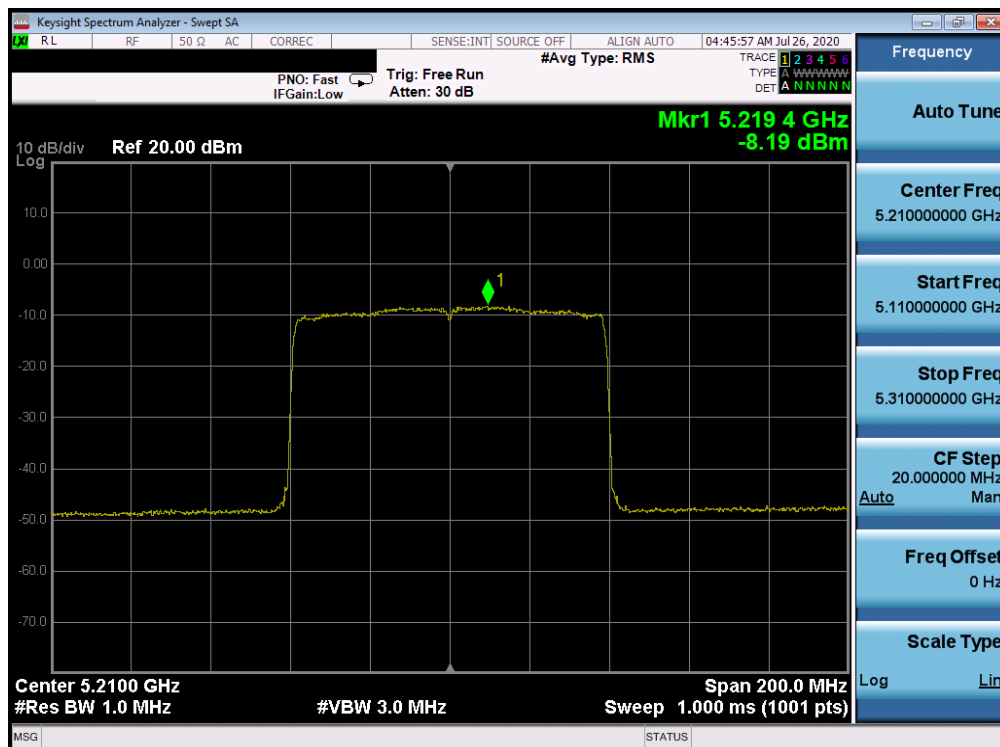


Plot 7-718. ISED Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax Index 36 – RU26 (UNII Band 1) – Ch. 42)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 428 of 591



Plot 7-719. ISED Power Spectral Density Plot CDD ANT WF8 (80MHz BW 802.11ax – RU996 (UNII Band 1) – Ch. 42)



Plot 7-720. ISED Power Spectral Density Plot CDD ANT WF7a (80MHz BW 802.11ax – RU996 (UNII Band 1) – Ch. 42)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 429 of 591

Note:

Per ANSI C63.10-2013 Section 14.3.2.2 and KDB 662911 v02r01 Section E)2), the power spectral density at Antenna 1 and Antenna 2 were first measured separately with reduced Antenna 1 and Antenna 2 powers per manufacture's tune-up document. The measured values were then summed in linear power units then converted back to dBm.

Sample Directional Gain Calculation:

Assuming the antenna gain is -8.61 dBi for Antenna-1 and -7.68 dBi for Antenna-2.

$$\begin{aligned} \text{Directional gain} &= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{ dBi} \\ &= 10 \log[(10^{-8.61/20} + 10^{-7.68/20} / 2] \text{ dBi} \\ &= (-5.12) \text{ dBi} \end{aligned}$$

Sample CDD Calculation:

Assuming the average conducted power spectral density was measured to be 5.88 dBm for Antenna-1 and 6.27 dBm for Antenna-2.

$$\text{Antenna 1} + \text{Antenna 2} = \text{CDD}$$

$$(5.88 \text{ dBm} + 6.27 \text{ dBm}) = (3.87 \text{ mW} + 4.24 \text{ mW}) = 8.11 \text{ mW} = 9.09 \text{ dBm}$$

Sample e.i.r.p Power Spectral Density Calculation:

Assuming the average CDD power density was calculated to be 9.09 dBm with directional gain of -5.12 dBi.

$$\text{e.i.r.p. Power Spectral Density(dBm)} = \text{Power Spectral Density (dBm)} + \text{directional gain (dBi)}$$

$$9.09 \text{ dBm} + (-5.12) \text{ dBi} = 3.97 \text{ dBm}$$

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 430 of 591

7.6 Radiated Spurious Emission – Above 1GHz

§15.407(b) §15.205 §15.209; RSS-Gen [8.9]

Test Overview and Limit

All out of band radiated spurious emissions are measured with a spectrum analyzer connected to a receive antenna while the EUT is operating at its maximum duty cycle, at its maximum power control level, as defined in ANSI C63.10-2013 and KDB 789033 D02 v02r01, and at the appropriate frequencies. All channels, modes (e.g. RU26, 52 Tones, RU106, RU242, RU484 and RU996), and modulations/data rates were investigated among all UNII bands. Only the radiated emissions of the configuration that produced the worst case emissions are reported in this section.

For transmitters operating in the 5.15-5.25 GHz and 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR and Table 7 of RSS-Gen (8.10) must not exceed the limits shown in Table 7-82 per Section 15.209 and RSS-Gen (8.9).

Frequency	Field Strength [μV/m]	Measured Distance [Meters]
Above 960.0 MHz	500	3

Table 7-82. Radiated Limits

Test Procedures Used

ANSI C63.10-2013 – Sections 12.7.7.2, 12.7.6, 12.7.5
KDB 789033 D02 v02r01 – Section G

Test Settings

Average Measurements above 1GHz (Method AD)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = power average (RMS)
5. Number of measurement points = 1001 (Number of points must be $\geq 2 \times \text{span/RBW}$)
6. Averaging type = power (RMS)
7. Sweep time = auto couple
8. Trace was averaged over 100 sweeps

FCC ID: BCGA2316		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 431 of 591

Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

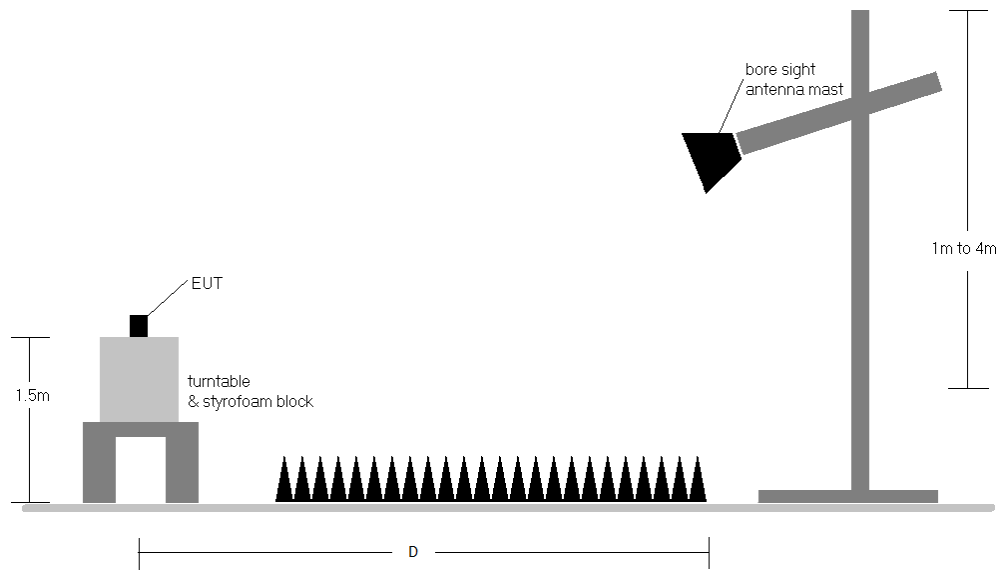


Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 432 of 591

Test Notes

1. All emissions that lie in the restricted bands (denoted by a * next to the frequency) specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-82.
2. All spurious emissions lying in restricted bands specified in §15.205 and Section 8.10 of RSS-Gen are below the limit shown in Table 7-82. All spurious emissions that do not lie in a restricted band are subject to a peak limit of -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.
3. The antenna is manipulated through typical positions, polarity and length during the tests. The EUT is manipulated through three orthogonal planes.
4. This unit was tested with its standard battery.
5. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter using CISPR quasi peak detector below 1GHz. Above 1 GHz, average and peak measurements were taken using linearly polarized horn antennas. The worst-case emissions are reported however emissions whose levels were not within 20dB of the respective limits were not reported.
6. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
7. The wide spectrum spurious emissions plots shown on the following pages are used only for the purpose of emission identification. Any emissions found to be within 20dB of the limit are fully investigated and the results are shown in this section.
8. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
9. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.
10. For radiated measurements, emissions were investigated for the fully-loaded RU configuration and for all of the partially-loaded RU configurations. Among all of the available partially-loaded RU configurations, only the configuration with the worst case emissions is reported.

FCC ID: BCGA2316	 PCTEST [®] Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 433 of 591

Sample Calculations

Determining Spurious Emissions Levels

- Field Strength Level $[\text{dB}\mu\text{V/m}] = \text{Analyzer Level} [\text{dBm}] + 107 + \text{AFCL} [\text{dB/m}]$
- $\text{AFCL} [\text{dB/m}] = \text{Antenna Factor} [\text{dB/m}] + \text{Cable Loss} [\text{dB}] - \text{Preamplifier Gain} [\text{dB}]$
- $\text{Margin} [\text{dB}] = \text{Field Strength Level} [\text{dB}\mu\text{V/m}] - \text{Limit} [\text{dB}\mu\text{V/m}]$

Radiated Band Edge Measurement Offset

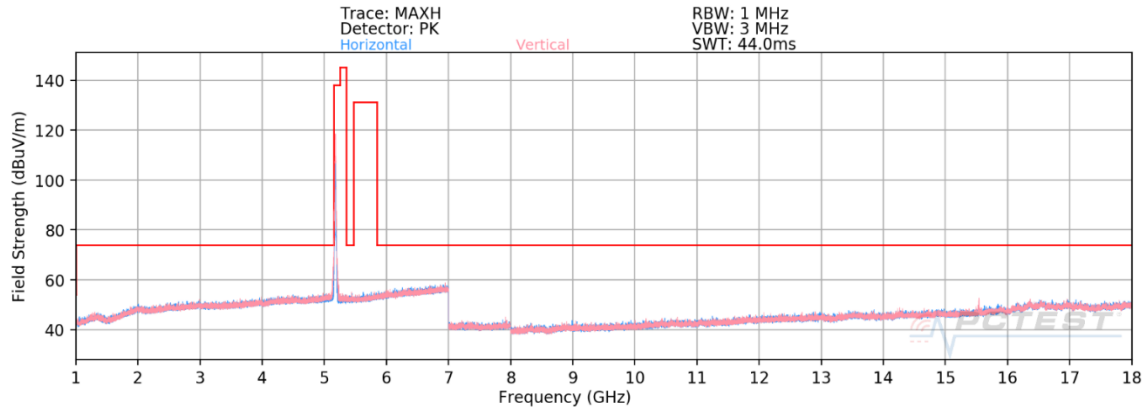
- The amplitude offset shown in the radiated restricted band edge plots in Section 7.6 was calculated using the formula:

$$\text{Offset (dB)} = (\text{Antenna Factor} + \text{Cable Loss} + \text{Attenuator}) - \text{Preamplifier Gain}$$

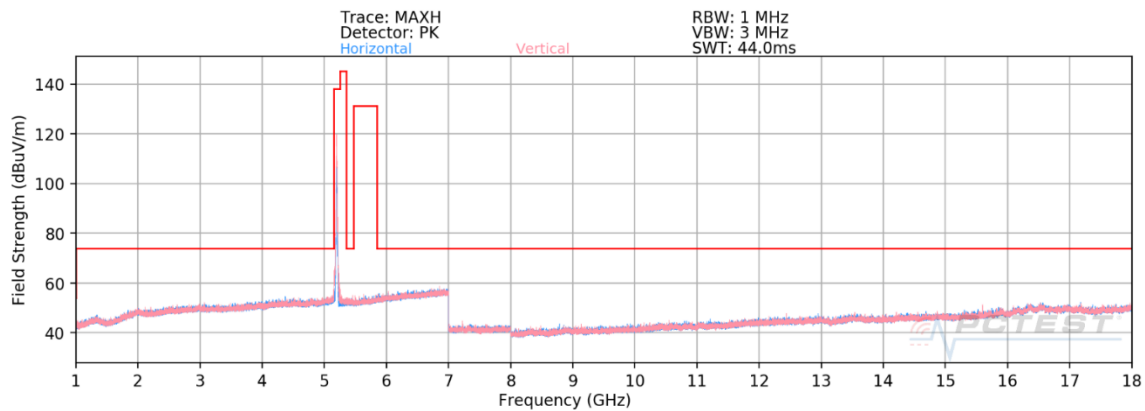
FCC ID: BCGA2316	 Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 434 of 591

7.6.1 Antenna WF8 Radiated Spurious Emission

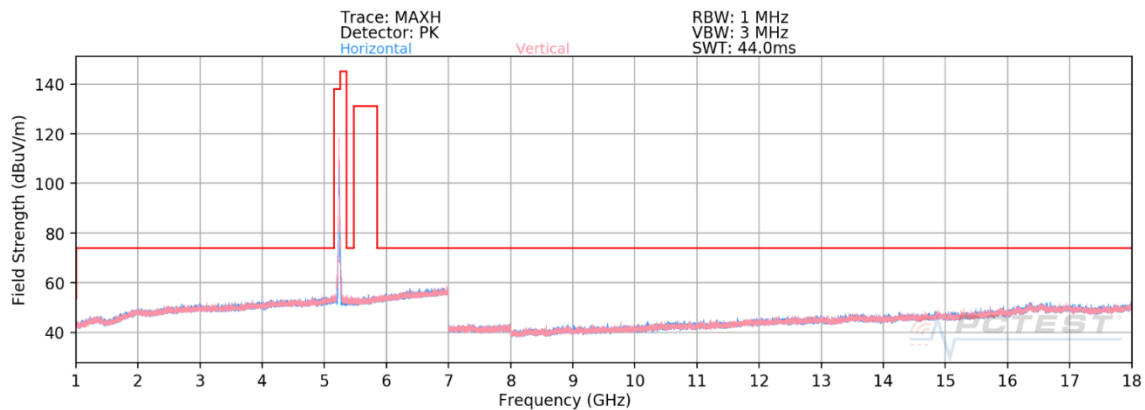
RU26



Plot 7-721. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 1, Ch. 36 – RU26)

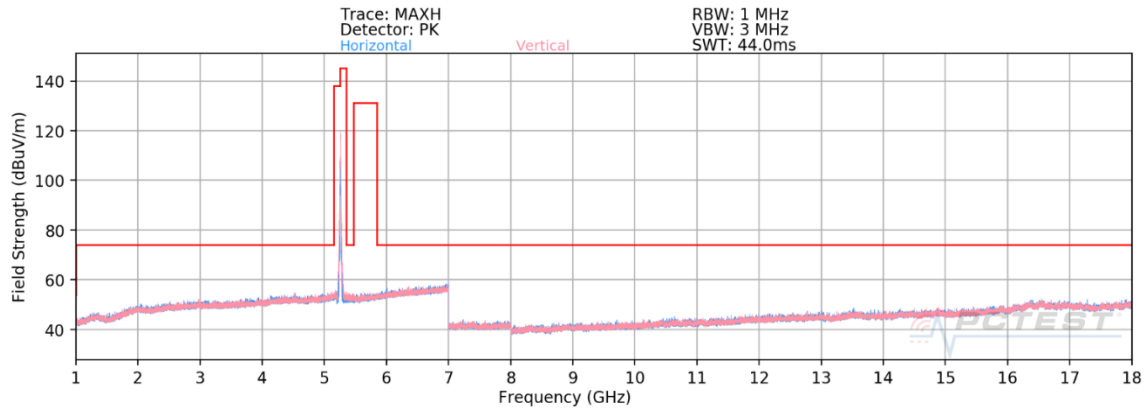


Plot 7-722. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 1, Ch. 40 – RU26)

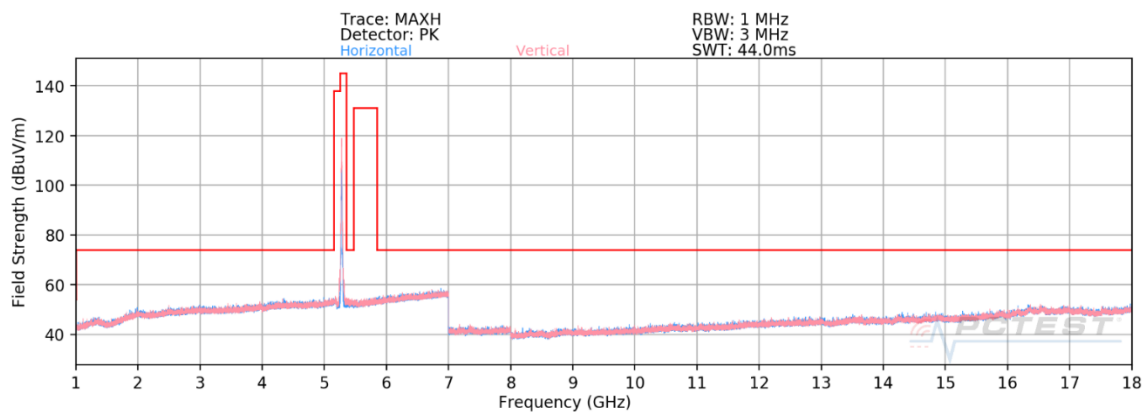


Plot 7-723. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 1, Ch. 48 – RU26)

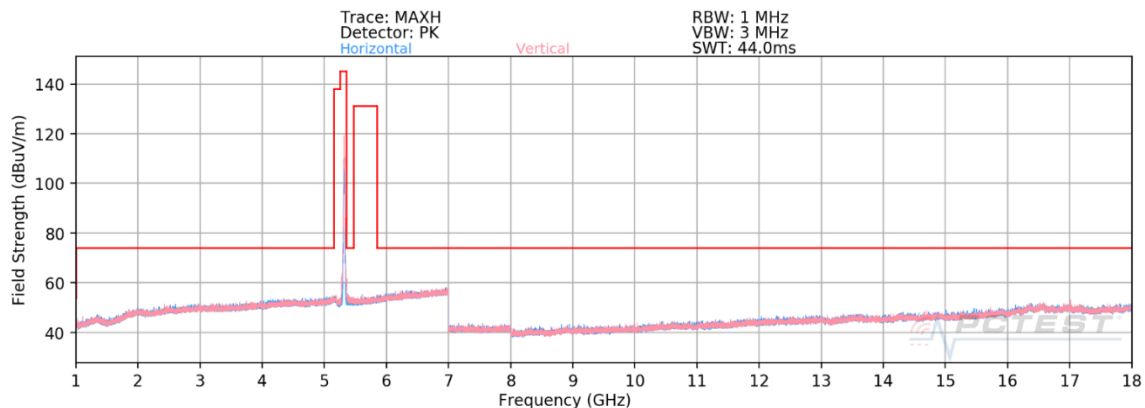
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 435 of 591



Plot 7-724. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2A, Ch. 52 – RU26)

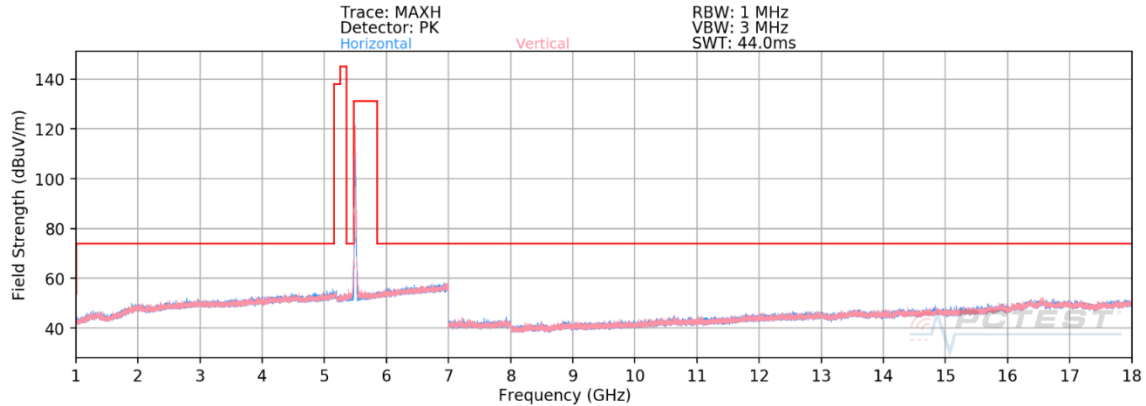


Plot 7-725. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2A, Ch. 56 – RU26)

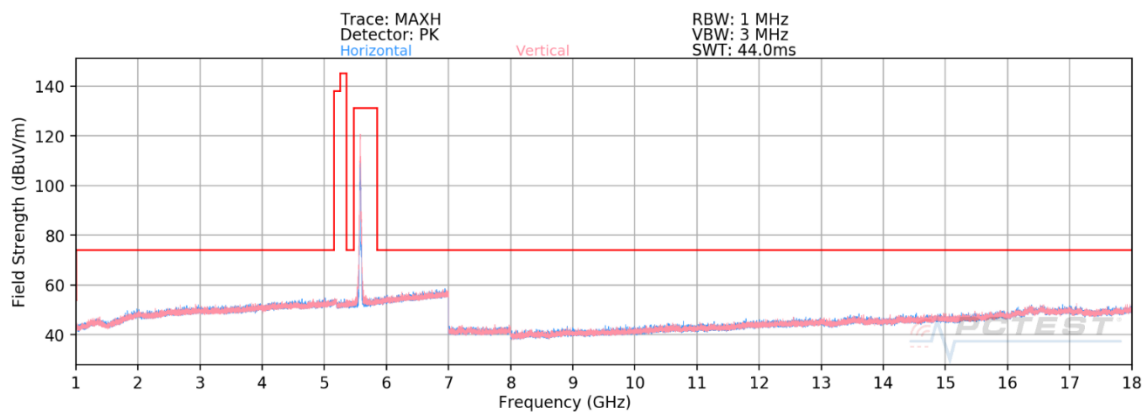


Plot 7-726. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2A, Ch. 64 – RU26)

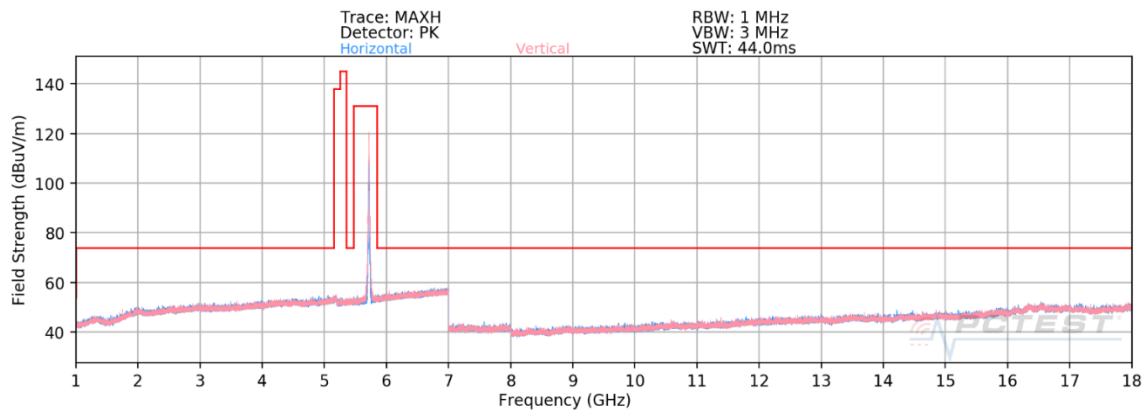
FCC ID: BCGA2316	 MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device
		Page 436 of 591



Plot 7-727. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2C, Ch. 100 – RU26)

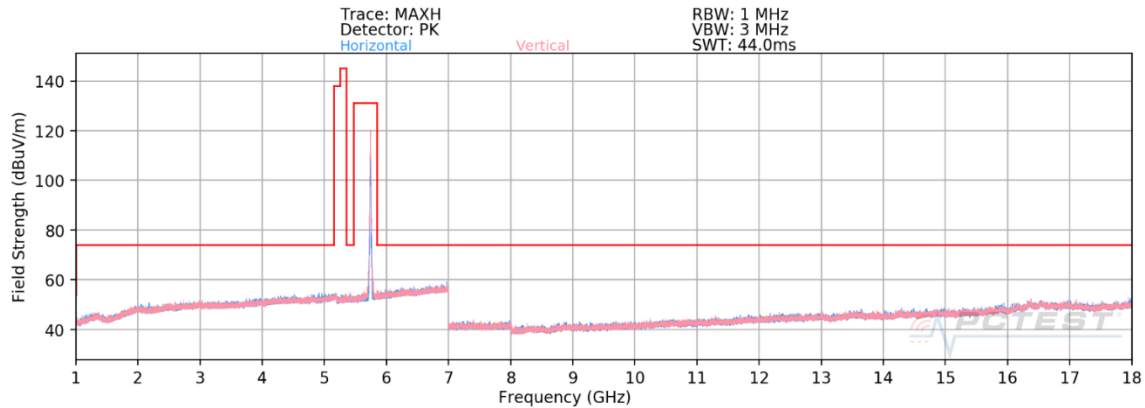


Plot 7-728. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2C, Ch. 116 – RU26)

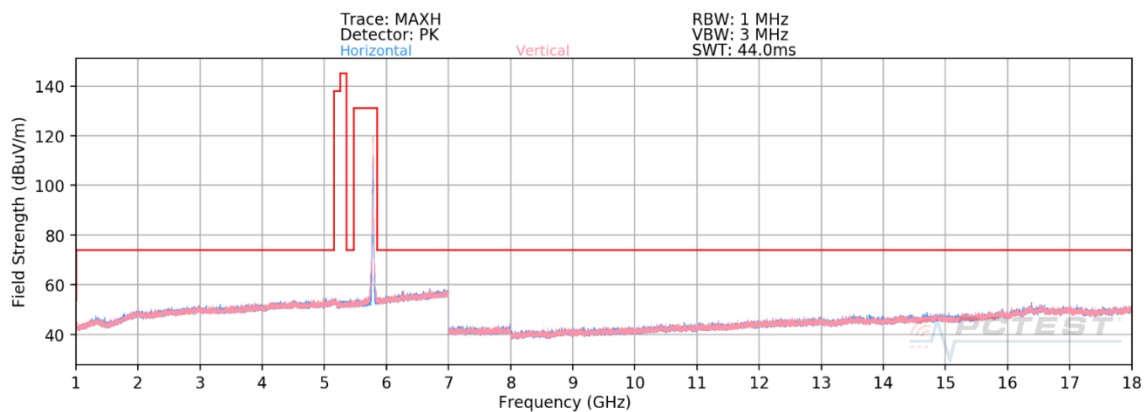


Plot 7-729. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 2C, Ch. 144 – RU26)

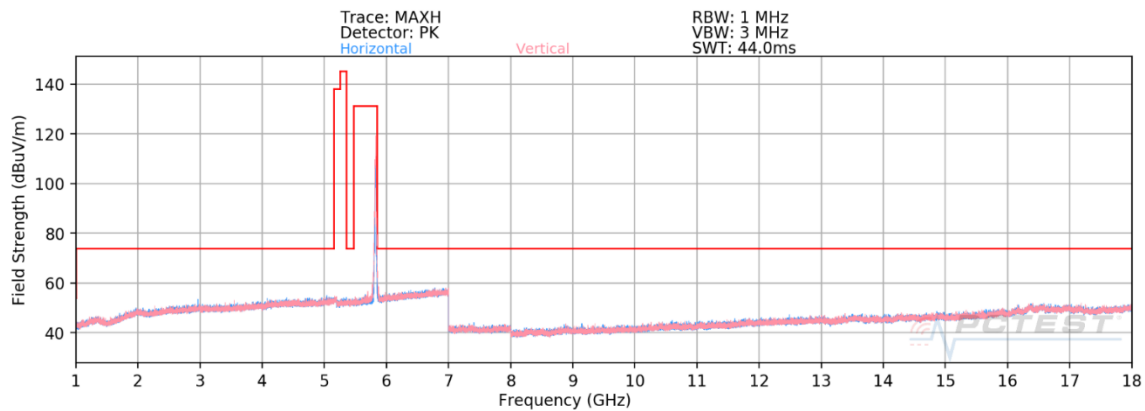
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 437 of 591



Plot 7-730. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 3, Ch. 149 – RU26)



Plot 7-731. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 3, Ch. 157 – RU26)



Plot 7-732. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 3, Ch. 165 – RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 438 of 591

Antenna WF8 Radiated Spurious Emission (RU26)

§15.407(b) §15.205 & §15.209; RSS-Gen [8.9]

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5180MHz
Channel: 36

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10360.00	Peak	V	245	204	-73.22	14.74	48.52	68.20	-19.68
* 15540.00	Average	V	101	143	-79.44	19.68	47.24	53.98	-6.74
* 15540.00	Peak	V	101	143	-67.99	19.68	58.69	73.98	-15.29

Table 7-83. Radiated Measurements ANT WF8 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5200MHz
Channel: 40

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10400.00	Peak	V	101	164	-72.29	15.29	50.00	68.20	-18.20
* 15600.00	Average	V	196	134	-81.52	19.56	45.04	53.98	-8.93
* 15600.00	Peak	V	196	134	-69.57	19.56	56.99	73.98	-16.98

Table 7-84. Radiated Measurements ANT WF8 (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 439 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5240MHz
Channel: 48

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10480.00	Peak	V	101	164	-72.87	14.53	48.66	68.20	-19.54
* 15720.00	Average	V	171	146	-84.79	20.10	42.31	53.98	-11.67
* 15720.00	Peak	V	171	146	-72.56	20.10	54.54	73.98	-19.44

Table 7-85. Radiated Measurements ANT WF8 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5260MHz
Channel: 52

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10520.00	Peak	V	101	170	-71.68	14.33	49.65	68.20	-18.55
* 15780.00	Average	V	200	140	-86.03	19.64	40.61	53.98	-13.37
* 15780.00	Peak	V	200	140	-74.02	19.64	52.62	73.98	-21.36

Table 7-86. Radiated Measurements ANT WF8 (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 440 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5280MHz
Channel: 56

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
10560.00	Peak	V	163	170	-71.98	14.85	49.87	68.20	-18.33
* 15840.00	Average	V	139	204	-86.28	19.84	40.56	53.98	-13.42
* 15840.00	Peak	V	139	204	-74.23	19.84	52.61	73.98	-21.37

Table 7-87. Radiated Measurements ANT WF8 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5320MHz
Channel: 64

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 10640.00	Average	V	138	167	-84.26	15.23	37.97	53.98	-16.01
* 10640.00	Peak	V	138	167	-73.38	15.23	48.85	73.98	-25.13
* 15960.00	Average	V	-	-	-85.74	20.34	41.60	53.98	-12.38
* 15960.00	Peak	V	-	-	-74.31	20.34	53.03	73.98	-20.95

Table 7-88. Radiated Measurements ANT WF8 (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 441 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11000.00	Average	V	147	121	-85.76	15.51	36.75	53.98	-17.23
*	11000.00	Peak	V	147	121	-74.00	15.51	48.51	73.98	-25.47
	16500.00	Peak	V	11	2	-73.60	21.05	54.45	68.20	-13.75

Table 7-89. Radiated Measurements ANT WF8 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5580MHz
Channel: 116

	Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
*	11160.00	Average	V	269	115	-84.89	14.84	36.95	53.98	-17.03
*	11160.00	Peak	V	269	115	-73.08	14.84	48.76	73.98	-25.22
	16740.00	Peak	V	199	91	-73.83	21.26	54.43	68.20	-13.77

Table 7-90. Radiated Measurements ANT WF8 (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 442 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5720MHz
Channel: 144

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11440.00	Average	V	128	195	-86.69	15.72	36.03	53.98	-17.95
* 11440.00	Peak	V	128	195	-74.13	15.72	48.59	73.98	-25.39
17160.00	Peak	V	105	177	-73.56	21.03	54.47	68.20	-13.73

Table 7-91. Radiated Measurements ANT WF8 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5745MHz
Channel: 149

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11490.00	Average	V	323	109	-86.23	15.69	36.46	53.98	-17.52
* 11490.00	Peak	V	323	109	-73.85	15.69	48.84	73.98	-25.14
17235.00	Peak	V	35	161	-74.21	20.90	53.69	68.20	-14.51

Table 7-92. Radiated Measurements ANT WF8 (RU26)

FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 443 of 591

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5785MHz
Channel: 157

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11570.00	Average	V	188	158	-85.42	15.45	37.03	53.98	-16.95
* 11570.00	Peak	V	188	158	-72.55	15.45	49.90	73.98	-24.08
17355.00	Peak	V	261	198	-73.58	20.67	54.09	68.20	-14.11

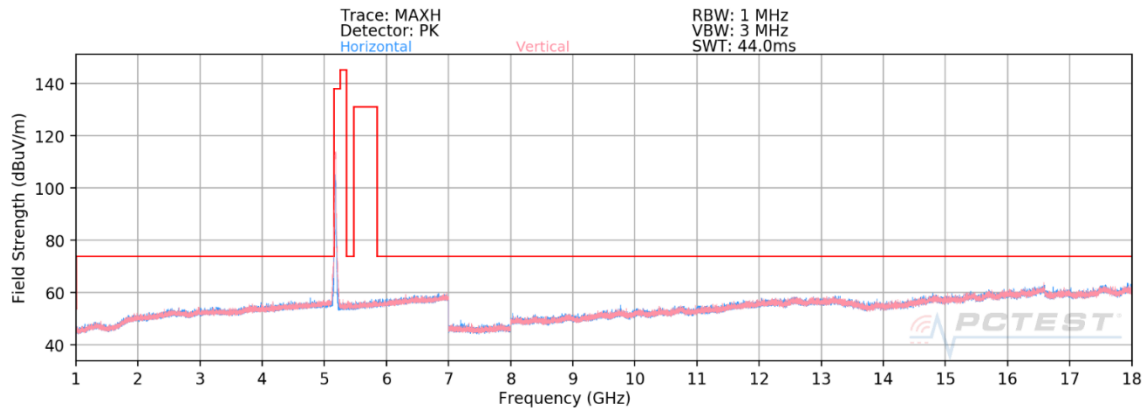
Table 7-93. Radiated Measurements ANT WF8 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS11
RU Index: 4
Distance of Measurements: 3 Meters
Operating Frequency: 5825MHz
Channel: 165

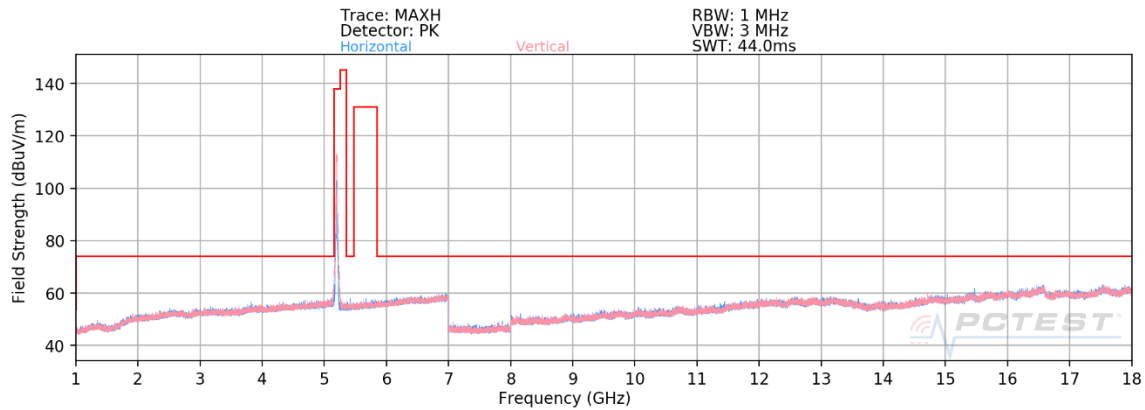
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	Limit [dBμV/m]	Margin [dB]
* 11650.00	Average	V	191	149	-85.50	15.93	37.43	53.98	-16.55
* 11650.00	Peak	V	191	149	-73.61	15.93	49.32	73.98	-24.66
17475.00	Peak	V	30	7	-72.92	20.70	54.78	68.20	-13.42

Table 7-94. Radiated Measurements ANT WF8 (RU26)

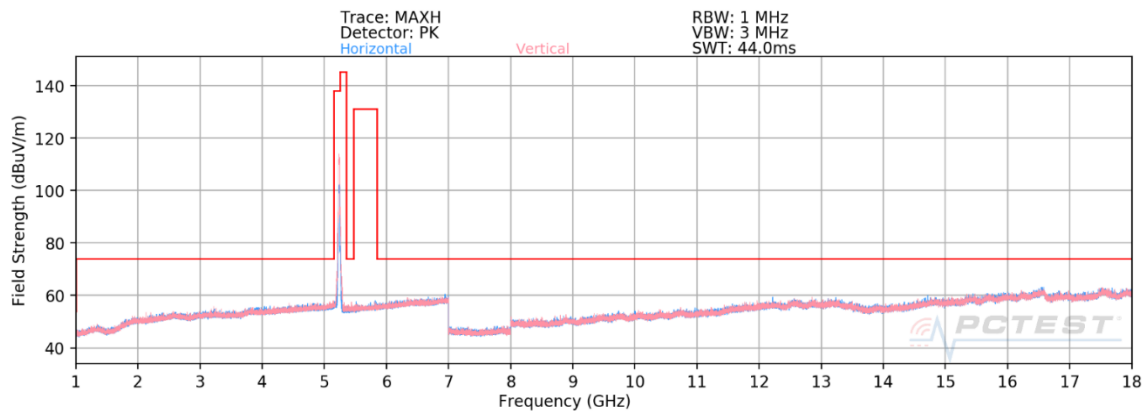
FCC ID: BCGA2316	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 444 of 591



Plot 7-733. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 1, Ch. 36 – RU242)



Plot 7-734. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 1, Ch. 40 – RU242)



Plot 7-735. Radiated Spurious Emissions above 1GHz ANT WF8 (802.11ax – UNII Band 1, Ch. 48 – RU242)

FCC ID: BCGA2316	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C2004270028-09-R1.BCG	Test Dates: 6/15/2020 - 08/14/2020	EUT Type: Tablet Device	Page 445 of 591