

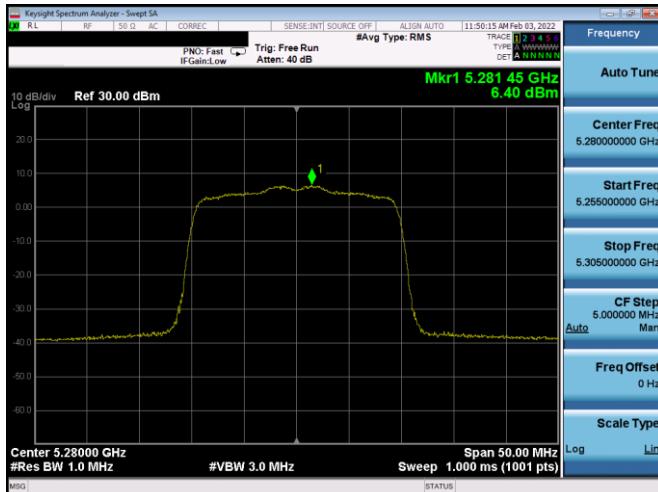
FCC ID: BCGA2589	
IC: 579C-A2589	

MEASUREMENT REPORT  
(CERTIFICATION)

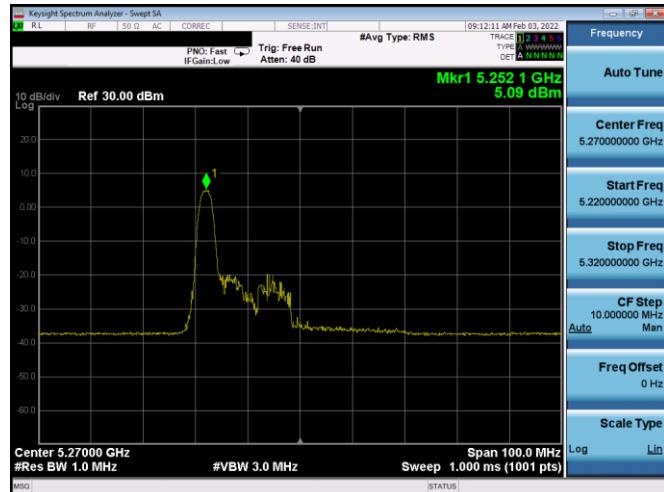
Approved by:  
Technical Manager

Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device
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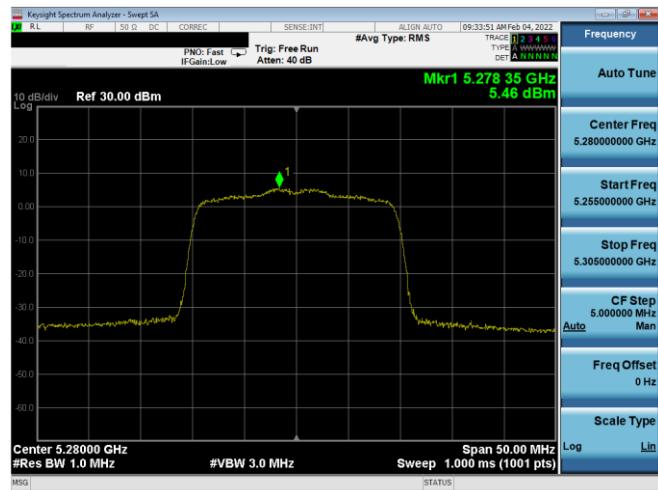
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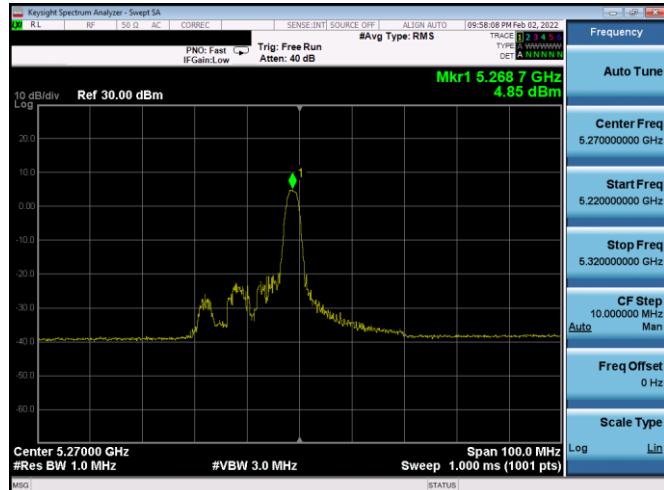
Plot 7-475. PSD CDD Diversity Antenna 2b (20MHz BW 11ax- RU242 - Ch.56)



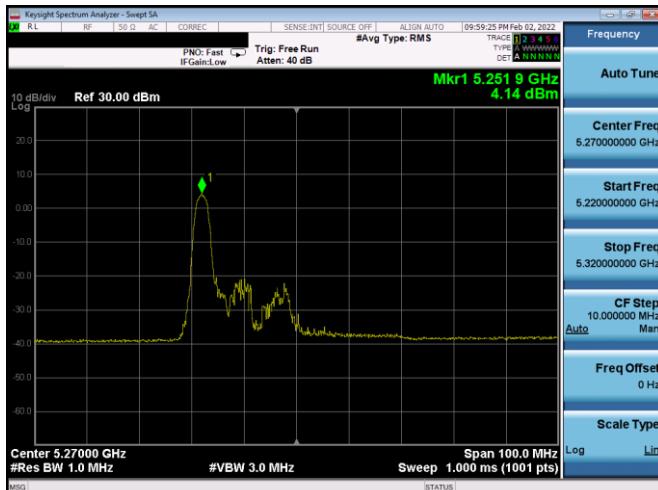
Plot 7-478. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 0 - RU26 - Ch.54)



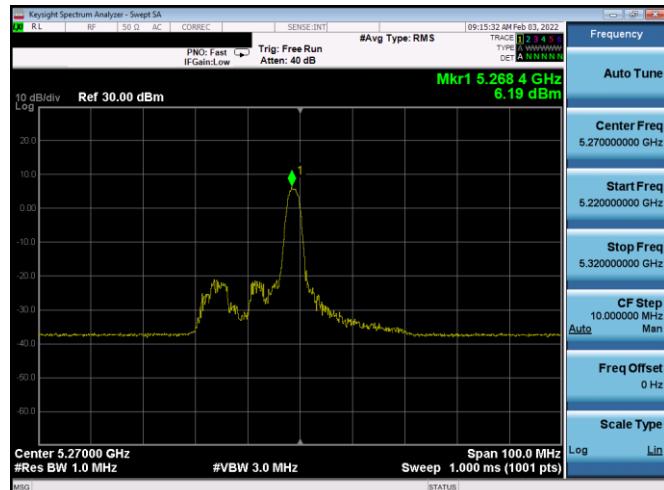
Plot 7-476. PSD CDD Diversity Antenna 3a (20MHz BW 11ax- RU242 - Ch.56)



Plot 7-479. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 8 - RU26 - Ch.54)

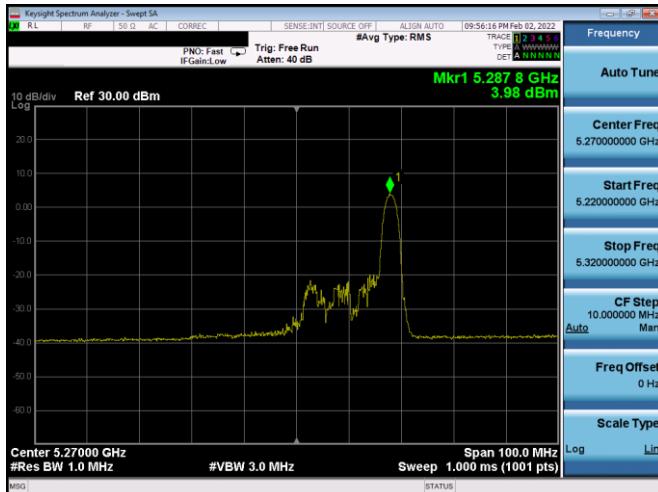


Plot 7-477. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 0 - RU26 - Ch.54)

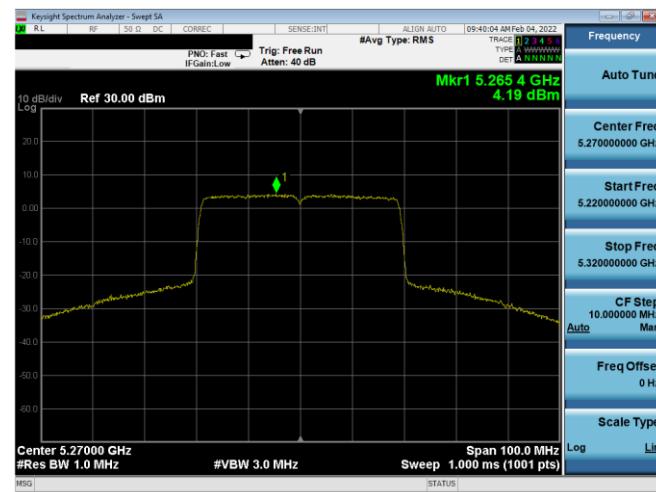


Plot 7-480. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 8 - RU26 - Ch.54)

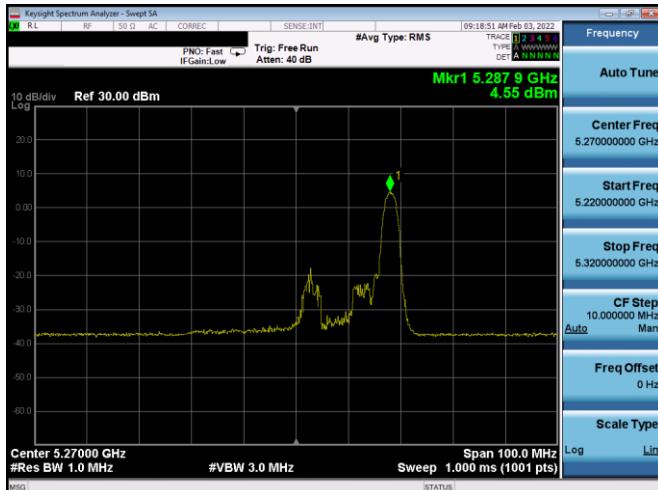
FCC ID: BCGA2589 IC: 579C-A2589	<b>PCTEST</b> Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 178 of 397



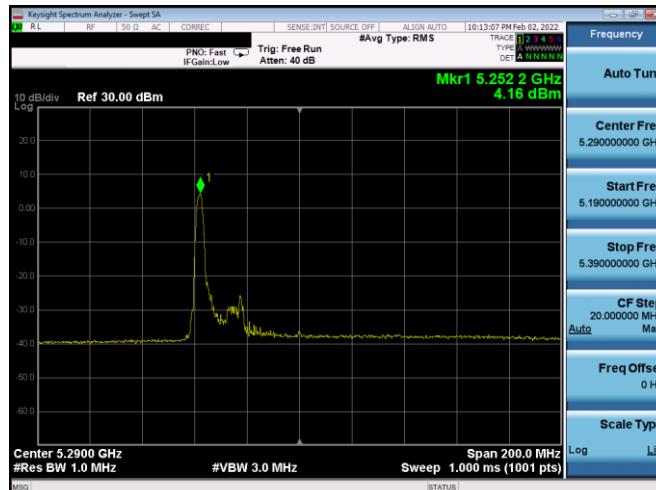
Plot 7-481. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 17 – RU26 – Ch.54)



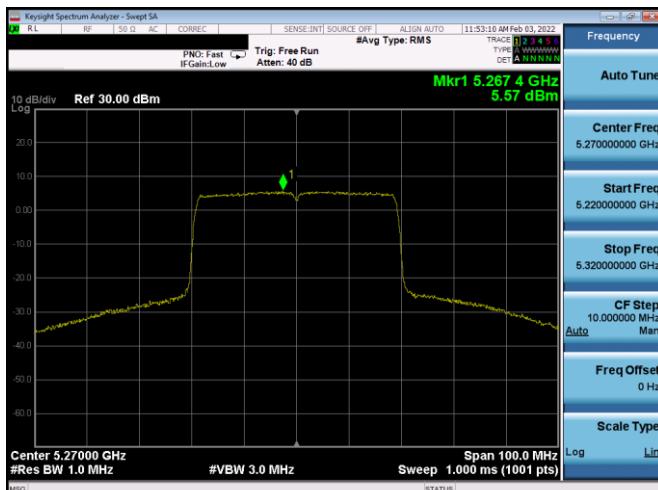
Plot 7-484. PSD CDD Diversity Antenna 3a (40MHz BW 11ax – RU484 – Ch.54)



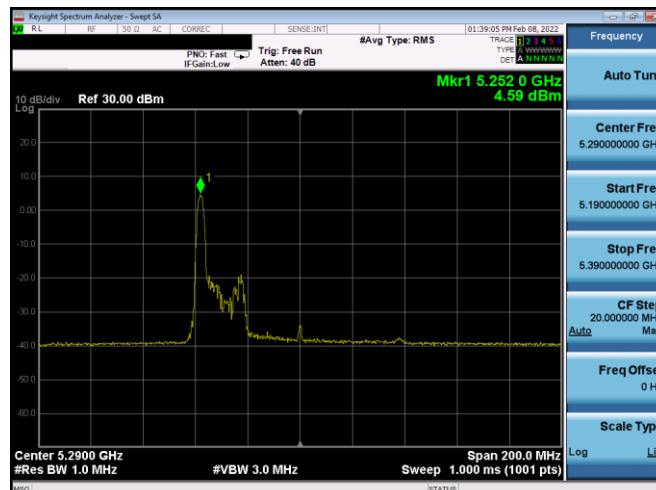
Plot 7-482. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 17 – RU26 – Ch.54)



Plot 7-485. PSD CDD Diversity Antenna 2b (80MHz BW 11ax Index 0 – RU26 – Ch.58)

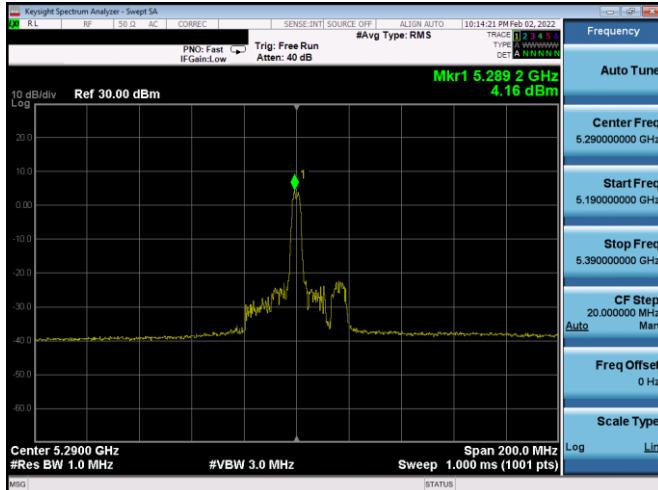


Plot 7-483. PSD CDD Diversity Antenna 2b (40MHz BW 11ax – RU484 – Ch.54)

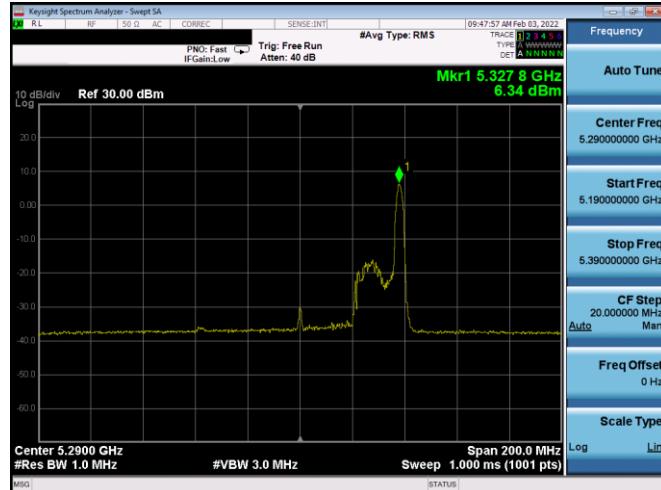


Plot 7-486. PSD CDD Diversity Antenna 3a (80MHz BW 11ax Index 0 – RU26 – Ch.58)

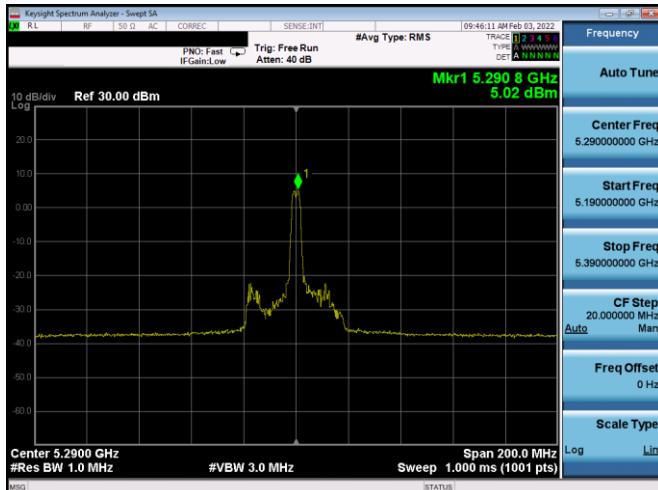
FCC ID: BCGA2589 IC: 579C-A2589	<b>PCTEST</b> Proud to be part of 	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 179 of 397



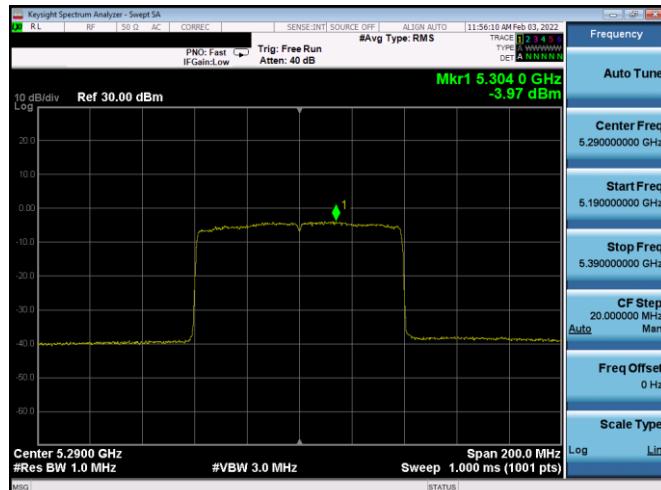
Plot 7-487. PSD CDD Diversity Antenna 2b (80MHz BW 11ax Index 18 – RU26 – Ch.58)



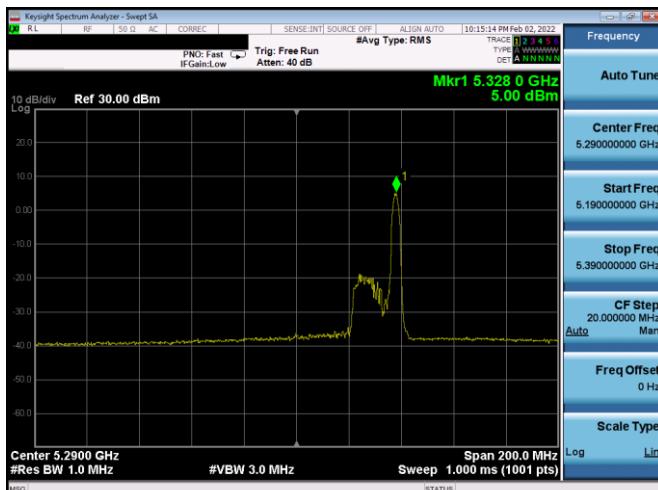
Plot 7-490. PSD CDD Diversity Antenna 3a (80MHz BW 11ax Index 36 – RU26 – Ch.58)



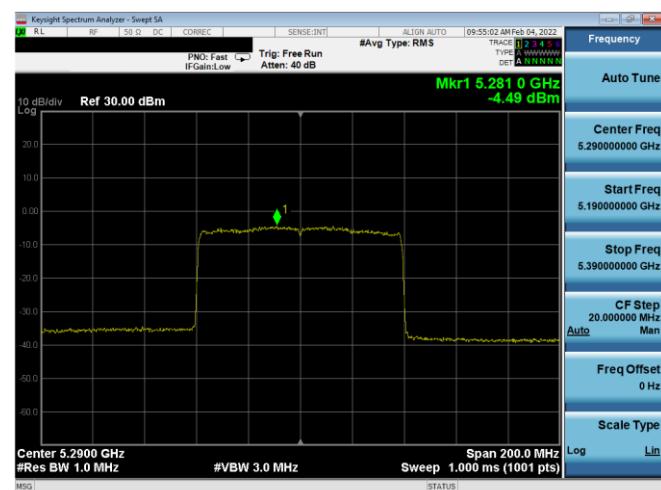
Plot 7-488. PSD CDD Diversity Antenna 3a (80MHz BW 11ax Index 18 – RU26 – Ch.58)



Plot 7-491. PSD CDD Diversity Antenna 2b (80MHz BW 11ax – RU996 – Ch.58)

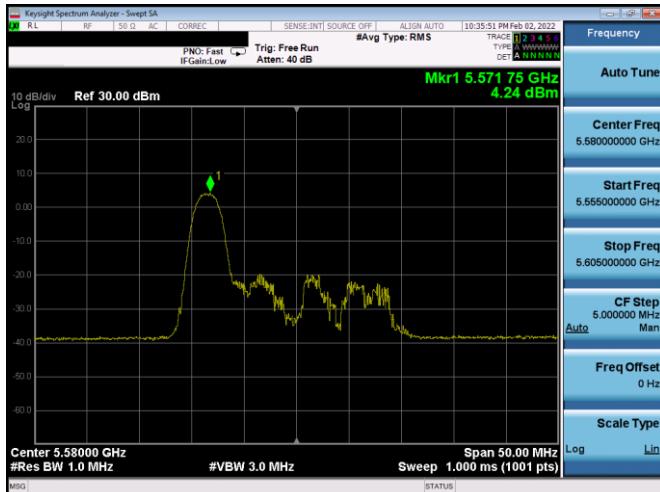


Plot 7-489. PSD CDD Diversity Antenna 2b (80MHz BW 11ax Index 36 – RU26 – Ch.58)

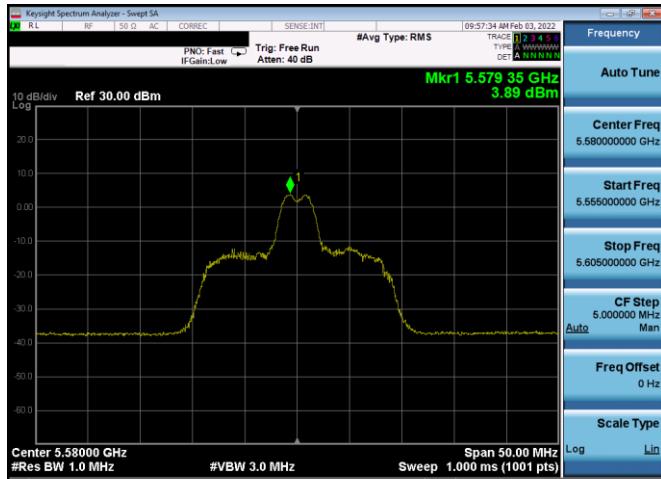


Plot 7-492. PSD CDD Diversity Antenna 3a (80MHz BW 11ax – RU996 – Ch.58)

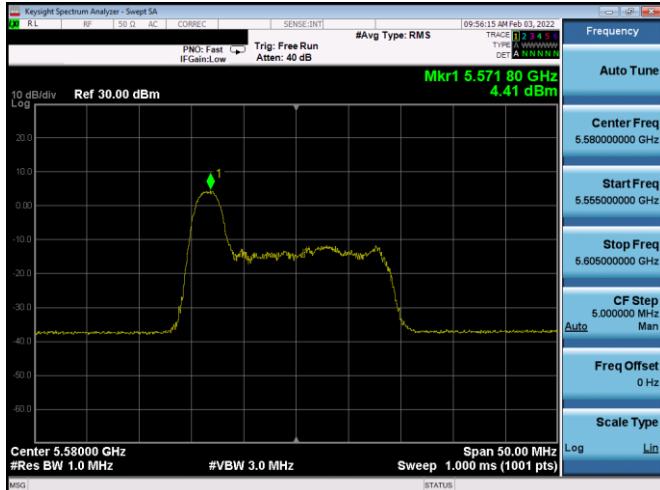
FCC ID: BCGA2589 IC: 579C-A2589	<b>PCTEST</b> Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 180 of 397



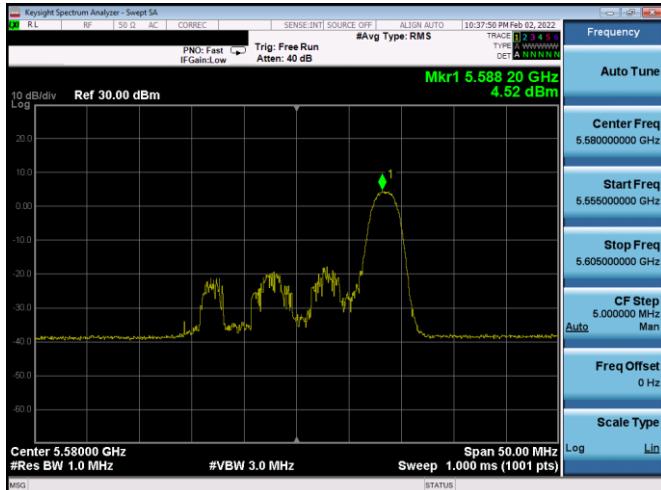
Plot 7-493. PSD CDD Diversity Antenna 2b (20MHz BW 11ax Index 0 – RU26 – Ch.116)



Plot 7-496. PSD CDD Diversity Antenna 3a (20MHz BW 11ax Index 4 – RU26 – Ch.116)



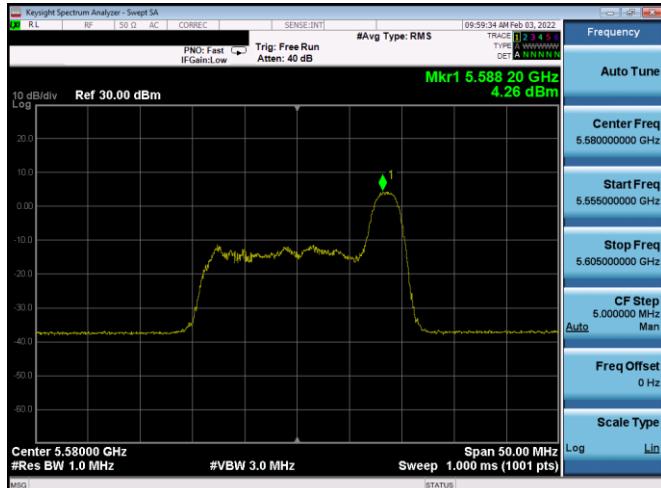
Plot 7-494. PSD CDD Diversity Antenna 3a (20MHz BW 11ax Index 0 – RU26 – Ch.116)



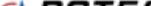
Plot 7-497. PSD CDD Diversity Antenna 2b (20MHz BW 11ax Index 8- RU26 – Ch.116)

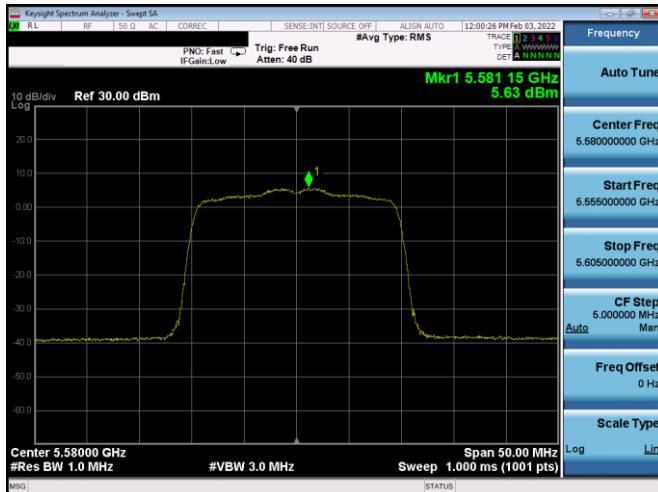


Plot 7-495. PSD CDD Diversity Antenna 2b (20MHz BW 11ax Index 4 – RU26 – Ch.116)

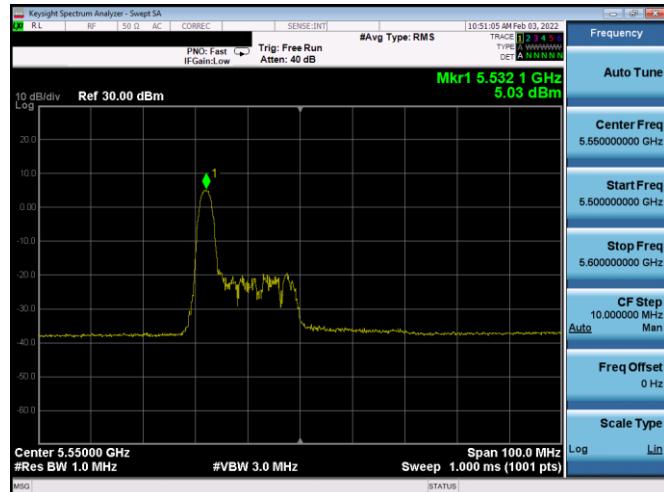


Plot 7-498. PSD CDD Diversity Antenna 3a (20MHz BW 11ax Index 8- RU26 - Ch.116)

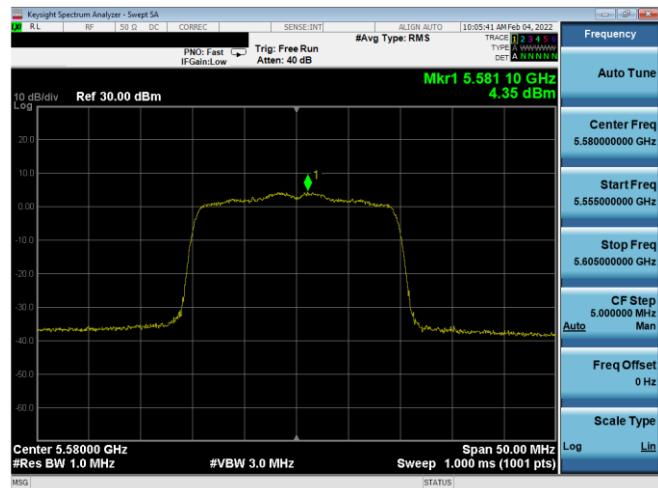
FCC ID: BCGA2589 IC: 579C-A2589		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 181 of 397



Plot 7-499. PSD CDD Diversity Antenna 2b (20MHz BW 11ax- RU242 – Ch.116)



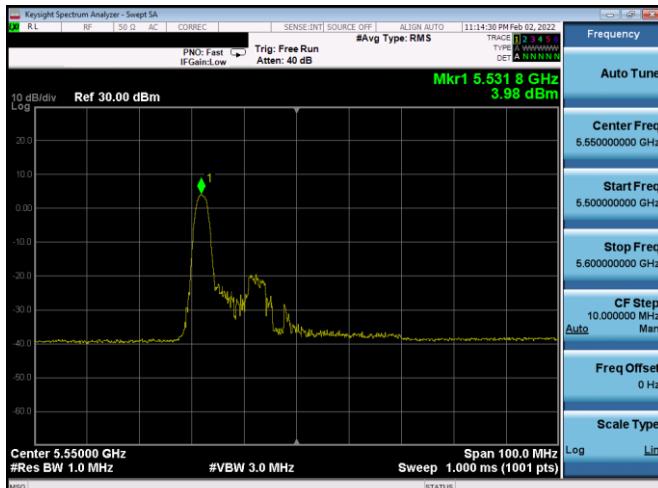
Plot 7-502. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 0 – RU26 – Ch.110)



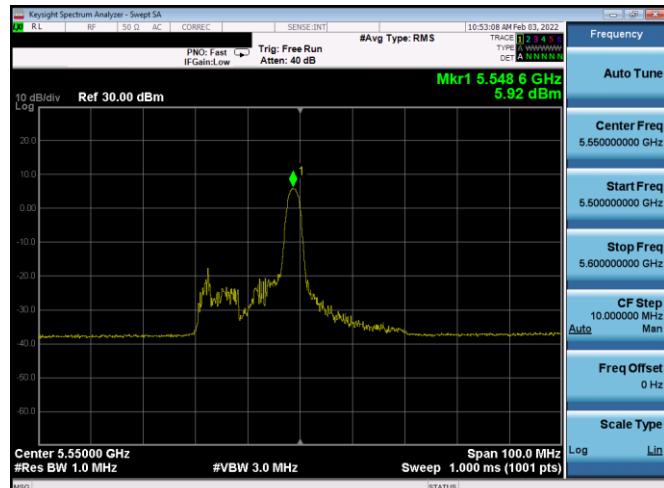
Plot 7-500. PSD CDD Diversity Antenna 3a (20MHz BW 11ax- RU242 – Ch.116)



Plot 7-503. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 8 – RU26 – Ch.110)

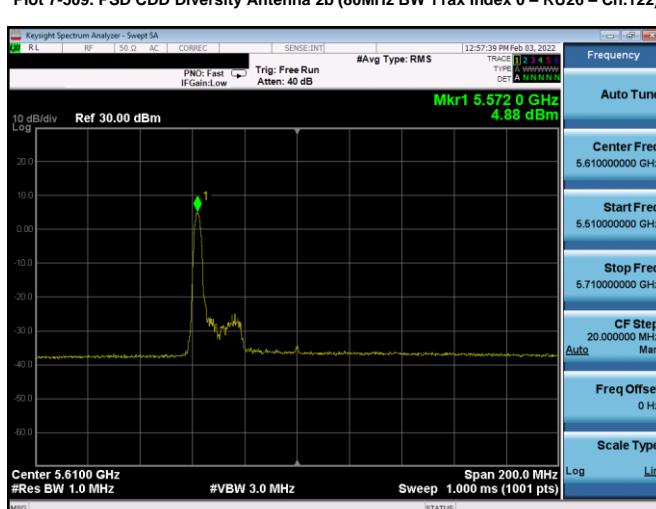
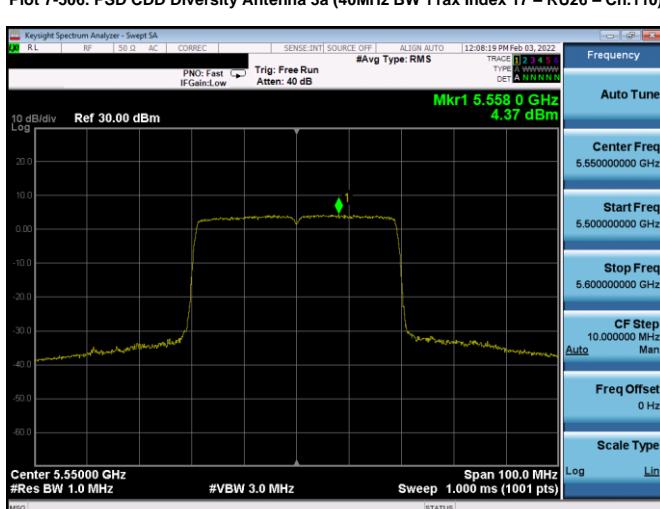
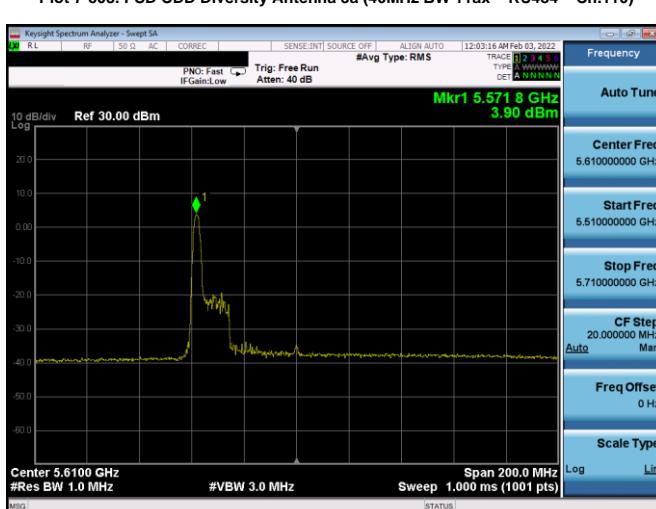
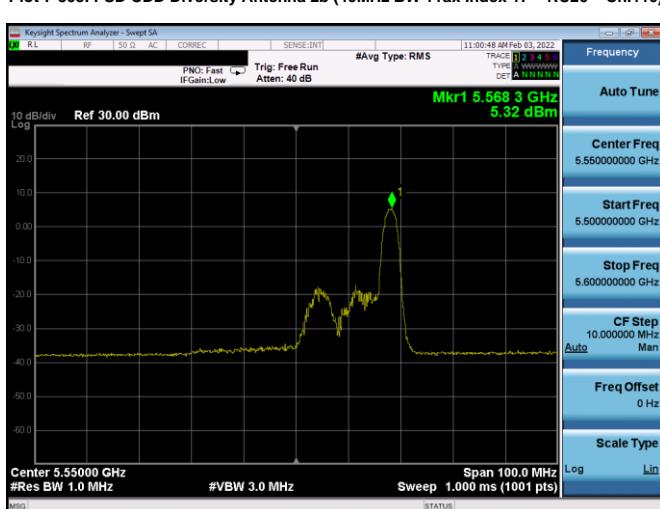
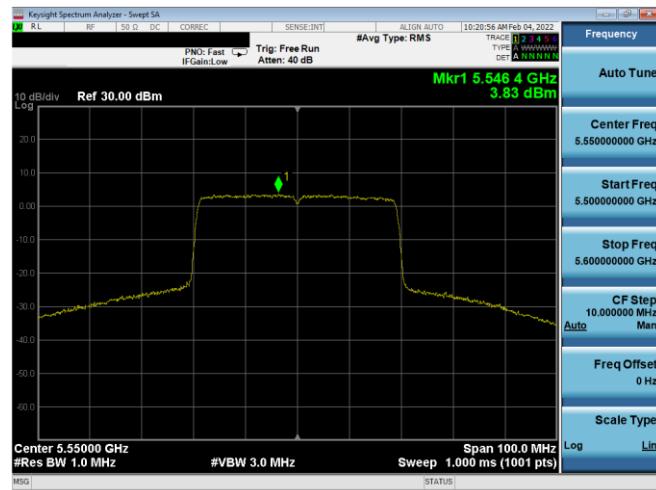
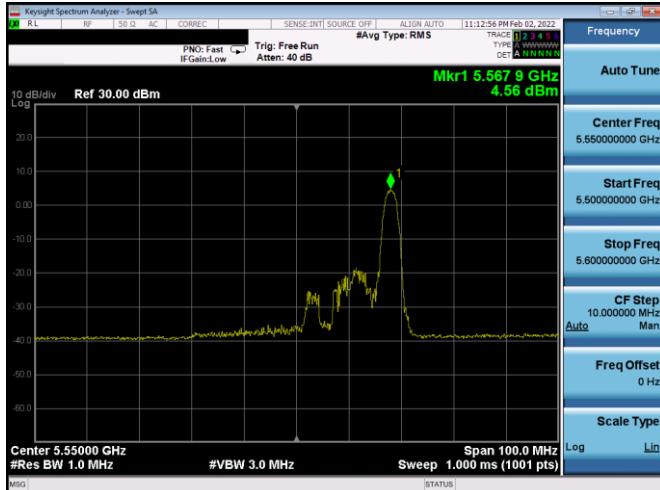


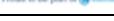
Plot 7-501. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 0 – RU26 – Ch.110)

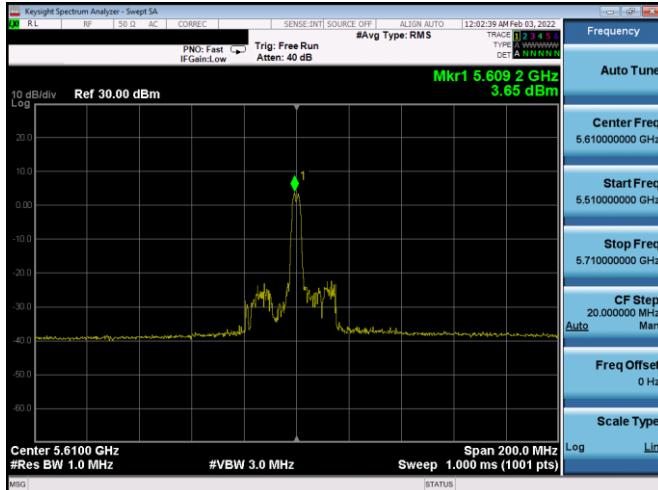


Plot 7-504. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 8 – RU26 – Ch.110)

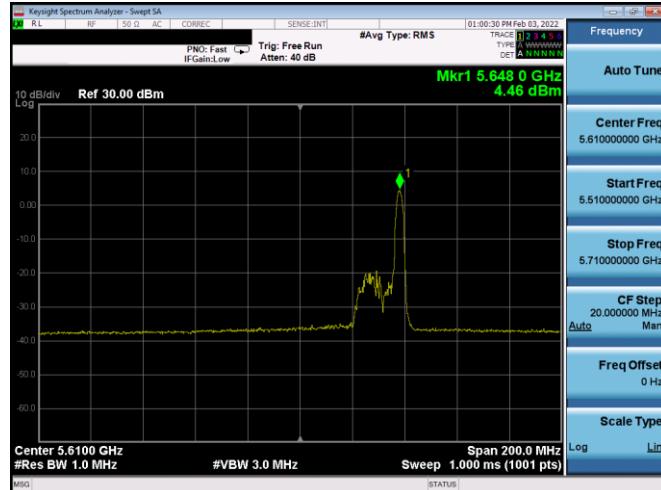
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 182 of 397



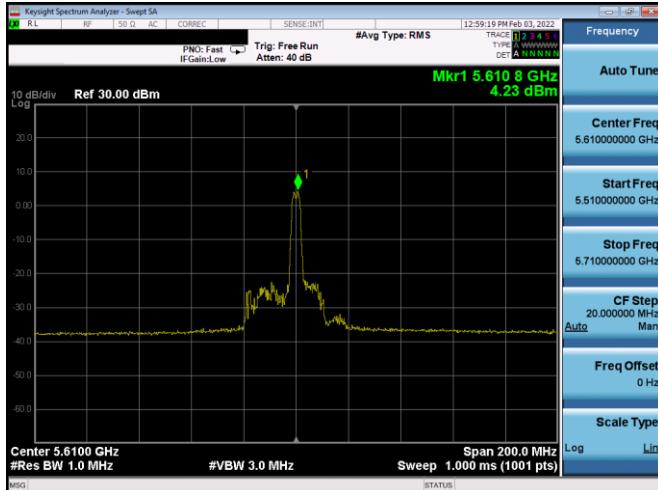
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 183 of 397



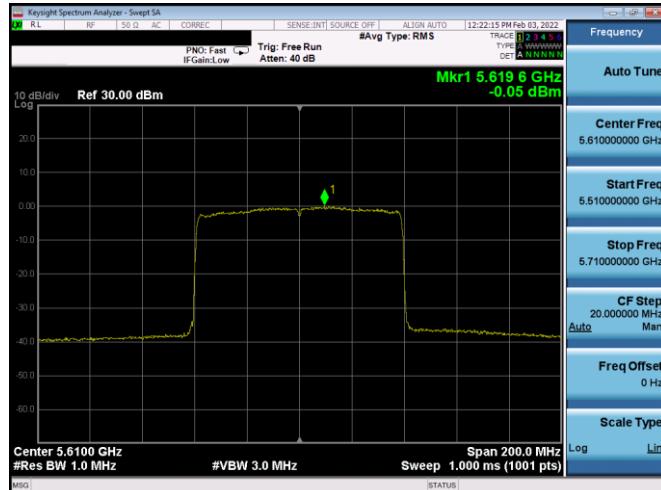
Plot 7-511. PSD CDD Diversity Antenna 2b (80MHz BW 11ax Index 18 – RU26 – Ch.122)



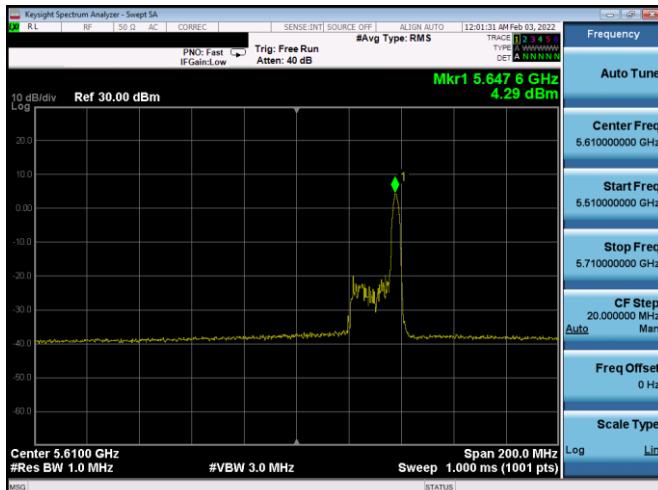
Plot 7-514. PSD CDD Diversity Antenna 3a (80MHz BW 11ax Index 36 – RU26 – Ch.122)



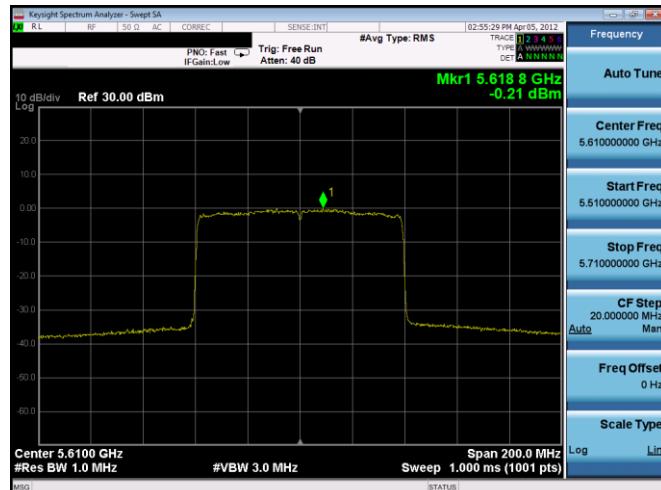
Plot 7-512. PSD CDD Diversity Antenna 3a (80MHz BW 11ax Index 18 – RU26 – Ch.122)



Plot 7-515. PSD CDD Diversity Antenna 2b (80MHz BW 11ax – RU996 – Ch.122)



Plot 7-513. PSD CDD Diversity Antenna 2b (80MHz BW 11ax Index 36 – RU26 – Ch.122)



Plot 7-516. PSD CDD Diversity Antenna 3a (80MHz BW 11ax – RU996 – Ch.122)

FCC ID: BCGA2589 IC: 579C-A2589	<b>PCTEST</b> Proud to be part of 	<b>MEASUREMENT REPORT (CERTIFICATION)</b>	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 184 of 397

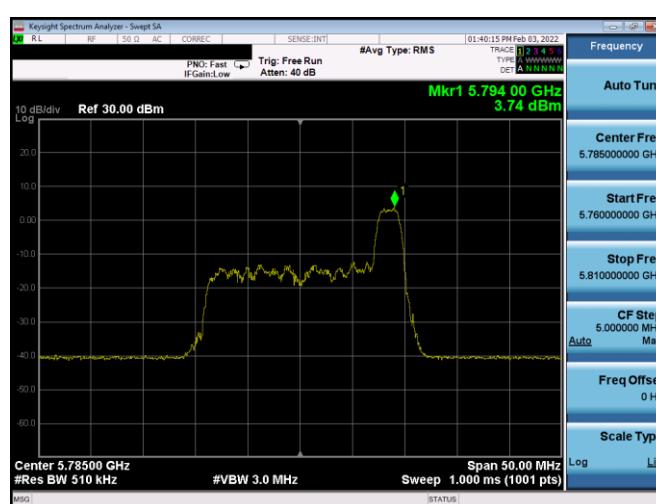
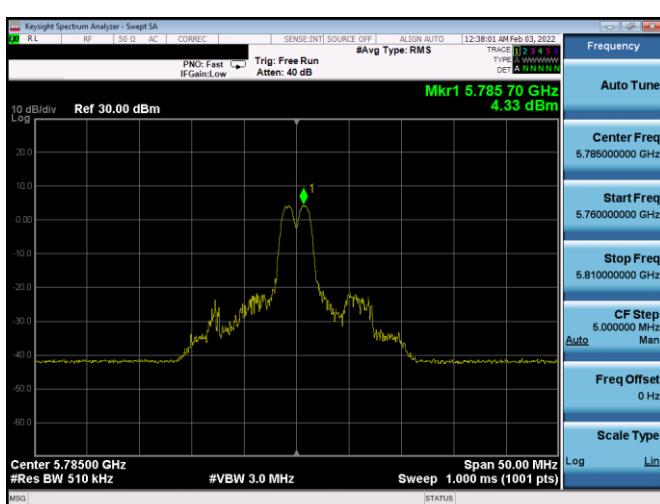
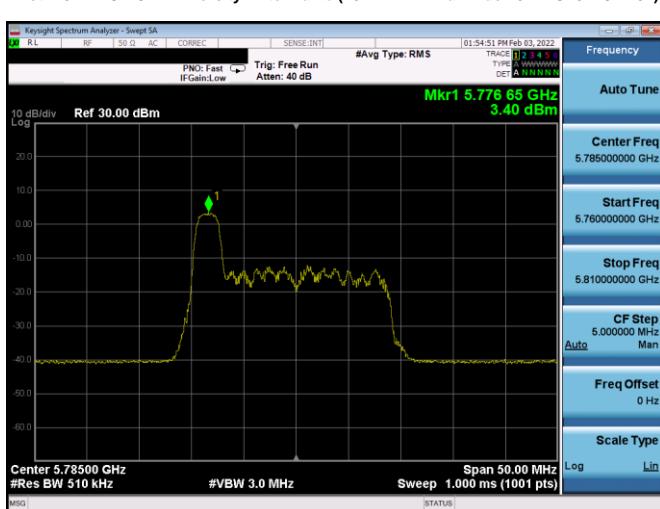
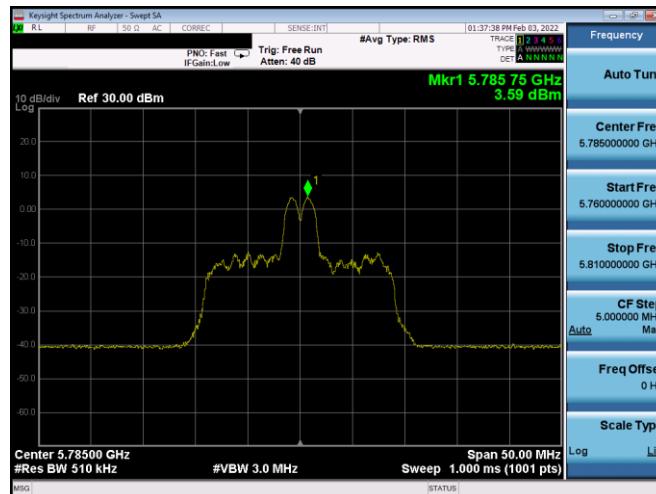
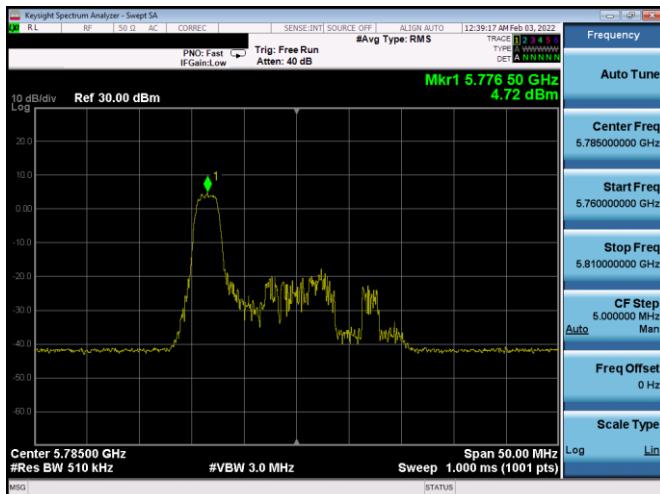
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 2b Power Density [dBm/500kHz]	Antenna 3a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	CDD	26	0	270/286.8 (MCS11)	3.79	2.88	6.37	30.00	-23.63
					26	4	270/286.8 (MCS11)	4.02	3.76	6.90	30.00	-23.10
					26	8	270/286.8 (MCS11)	3.60	3.27	6.45	30.00	-23.55
	5785	157	ax (20MHz)	CDD	26	0	270/286.8 (MCS11)	4.72	3.40	7.12	30.00	-22.88
					26	4	270/286.8 (MCS11)	4.33	3.59	6.99	30.00	-23.01
					26	8	270/286.8 (MCS11)	3.94	3.74	6.85	30.00	-23.15
	5825	165	ax (20MHz)	CDD	26	0	270/286.8 (MCS11)	4.20	4.34	7.28	30.00	-22.72
					26	4	270/286.8 (MCS11)	4.52	4.10	7.32	30.00	-22.68
					26	8	270/286.8 (MCS11)	4.39	3.02	6.77	30.00	-23.23
	5755	151	ax (40MHz)	CDD	26	0	540/573.5 (MCS11)	3.91	3.57	6.75	30.00	-23.25
					26	8	540/573.5 (MCS11)	4.25	4.40	7.34	30.00	-22.66
					26	17	540/573.5 (MCS11)	3.66	3.98	6.83	30.00	-23.17
	5795	159	ax (40MHz)	CDD	26	0	540/573.5 (MCS11)	3.92	3.73	6.84	30.00	-23.16
					26	8	540/573.5 (MCS11)	4.52	4.67	7.60	30.00	-22.40
					26	17	540/573.5 (MCS11)	4.24	3.84	7.05	30.00	-22.95
	5775	155	ax (80MHz)	CDD	26	0	1134/1201 (MCS11)	5.25	4.07	7.71	30.00	-22.29
					26	18	1134/1201 (MCS11)	5.96	6.23	9.11	30.00	-20.89
					26	36	1134/1201 (MCS11)	6.08	6.32	9.21	30.00	-20.79

Table 7-130. Band 3 Power Spectral Density Measurements CDD Diversity (RU26)

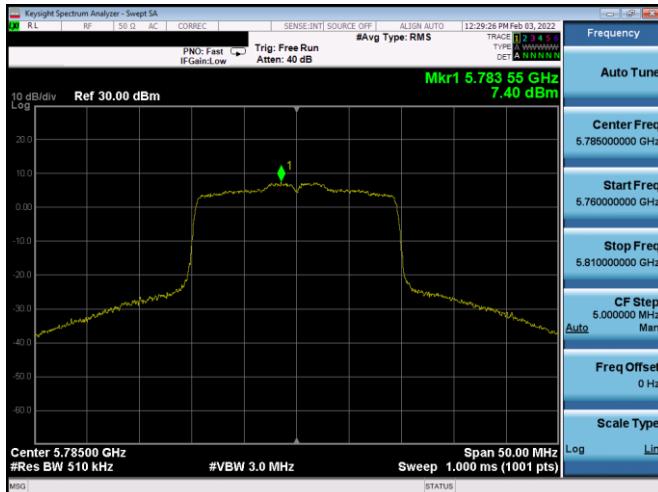
	Frequency [MHz]	Channel No.	802.11 Mode	Mode	RU Size	RU Index	Data Rate [Mbps]	Antenna 2b Power Density [dBm/500kHz]	Antenna 3a Power Density [dBm/500kHz]	Summed Power Density [dBm/500kHz]	Max Permissible Power Density [dBm/500kHz]	Margin [dB]
Band 3	5745	149	ax (20MHz)	CDD	242	61	270/286.8 (MCS11)	7.26	6.21	9.78	30.00	-20.22
	5785	157	ax (20MHz)	CDD	242	61	270/286.8 (MCS11)	7.40	6.74	10.09	30.00	-19.91
	5825	165	ax (20MHz)	CDD	242	61	270/286.8 (MCS11)	7.13	6.98	10.07	30.00	-19.93
	5755	151	ax (40MHz)	CDD	484	65	540/573.5 (MCS11)	3.52	2.14	5.89	30.00	-24.11
	5795	159	ax (40MHz)	CDD	484	65	540/573.5 (MCS11)	3.20	1.81	5.57	30.00	-24.43
	5775	155	ax (80MHz)	CDD	996	67	1134/1201 (MCS11)	-1.62	-2.88	0.81	30.00	-29.19

Table 7-131. Band 3 Power Spectral Density Measurements CDD Diversity (Fully-loaded RU)

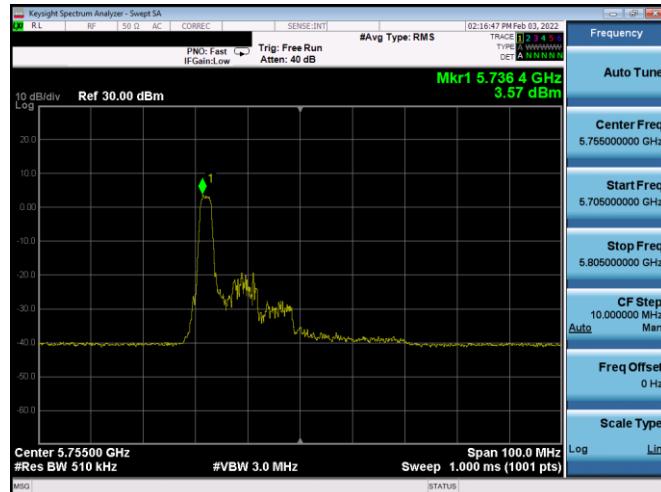
FCC ID: BCGA2589	MEASUREMENT REPORT (CERTIFICATION)			Approved by:
IC: 579C-A2589				Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		
1C2111150079-15.BCG	12/02/2021 - 02/16/2022	Tablet Device		



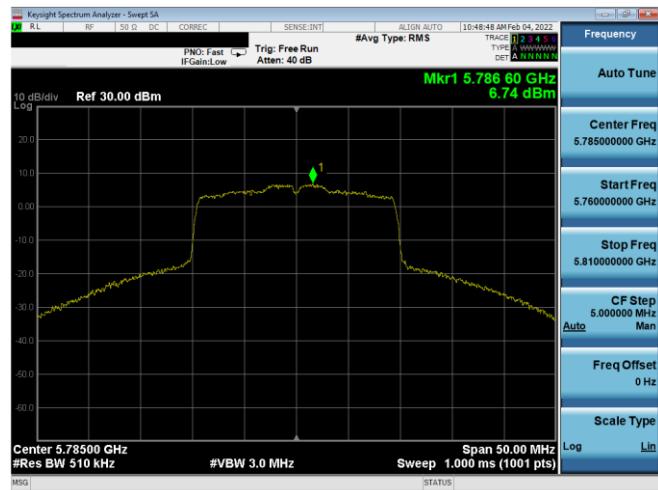
FCC ID: BCGA2589 IC: 579C-A2589	 PCTEST Proud to be part of the element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 186 of 397



Plot 7-523. PSD CDD Diversity Antenna 2b (20MHz BW 11ax- RU242 – Ch.157)



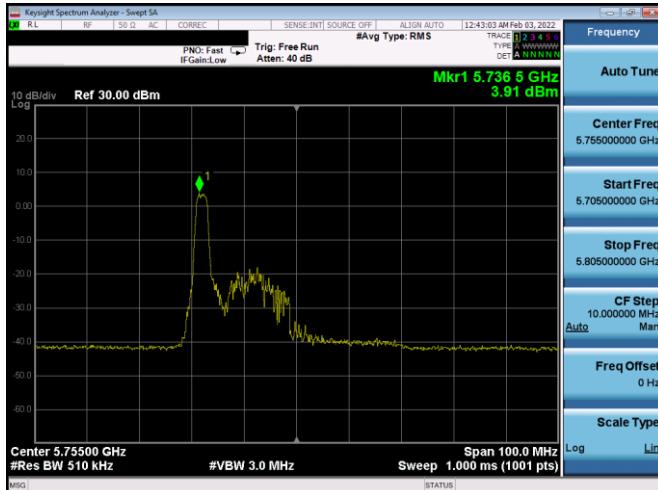
Plot 7-526. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-524. PSD CDD Diversity Antenna 3a (20MHz BW 11ax- RU242 – Ch.157)



Plot 7-527. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 8 – RU26 – Ch.151)



Plot 7-525. PSD CDD Diversity Antenna 2b (40MHz BW 11ax Index 0 – RU26 – Ch.151)



Plot 7-528. PSD CDD Diversity Antenna 3a (40MHz BW 11ax Index 8 – RU26 – Ch.151)

FCC ID: BCGA2589 IC: 579C-A2589	<b>PCTEST</b> Proud to be part of the element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2111150079-15.BCG	Test Dates: 12/02/2021 - 02/16/2022	EUT Type: Tablet Device	Page 187 of 397