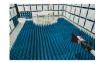


Element Materials Technology

(formerly PCTEST) 18855 Adams Court, Morgan Hill, CA 95037 USA Tel. 408.538.5600 http://www.element.com



PART 27 MEASUREMENT REPORT

Applicant Name:

Apple Inc. One Apple Park Way Cupertino, CA 95014 United States Date of Testing: 10/1/2023 - 3/19/2024 Test Report Issue Date: 4/2/2024 Test Site/Location: Element Materials Technology Test Report Serial No.: 1C2311270064-09.BCG

FCC ID: APPLICANT:	BCGA2903 Apple Inc.	
Application Type: Model: EUT Type:	Certification A2903, A2904 Tablet Device	

EUT Type: FCC Classification: FCC Rule Part: Test Procedure(s): Tablet Device PCS Licensed Transmitter (PCB) 27 ANSI C63.26-2015, ANSI/TIA-603-E-2016, KDB 971168 D01 v03r01

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947. Test results reported herein relate only to the item(s) tested.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

RJ Ortanez Executive Vice President

Prepared by: WKR000006193

Reviewed by: WKR000005805



FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 1 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 101351
			1/2 2 00/07/2022



TABLE OF CONTENTS

1.0	INTR	ODUCTION	7
	1.1	Scope	7
	1.2	Element Materials Technology Test Location	7
	1.3	Test Facility / Accreditations	7
2.0	PRO	DUCT INFORMATION	8
	2.1	Equipment Description	8
	2.2	Device Capabilities	8
	2.3	Antenna Description	10
	2.4	Test Support Equipment	10
	2.5	Test Configuration	11
	2.6	Software and Firmware	11
	2.7	EMI Suppression Device(s)/Modifications	11
3.0	DESC	RIPTION OF TESTS	12
	3.1	Evaluation Procedure	12
	3.2	Radiated Spurious Emissions	12
4.0	MEAS	SUREMENT UNCERTAINTY	13
5.0	TEST	EQUIPMENT CALIBRATION DATA	14
6.0	SAMF	PLE CALCULATIONS	15
7.0	TEST	RESULTS	16
	7.1	Summary	16
	7.2	Occupied Bandwidth	
	7.3	Spurious and Harmonic Emissions at Antenna Terminal	
	7.4	Band Edge Emissions at Antenna Terminal	144
	7.5	Peak-Average Ratio	215
	7.6	Radiated Power (ERP/EIRP)	
	7.7	Radiated Spurious Emissions	
	7.8	Frequency Stability / Temperature Variation	341
8.0	CON	CLUSION	351

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 2 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024 Tablet Device		Fage 2 01 351
			1/2 2 00/07/2023



th





ERP Tx Frequency Emission Mode **Bandwidth** Modulation OBW [MHz] Max. Power Max. Power Range [MHz] Designator **[W]** [dBm] QPSK 665.5 - 695.5 4.5410 0.153 4M54G7W 21.85 16QAM 665.5 - 695.5 4.5427 0.132 21.19 4M54D7W 5 MHz 64QAM 665.5 - 695.5 4.5299 0.104 20.17 4M53D7W 256QAM 665.5 - 695.5 4.5418 0.049 16.91 4M54D7W QPSK 668.0 - 693.0 9.0093 0.151 9M01G7W 21.79 16QAM 668.0 - 693.0 9.0250 0.131 21.16 9M03D7W 10 MHz 64QAM 668.0 - 693.0 9.0282 0.099 19.96 9M03D7W 256QAM 668.0 - 693.0 9.0145 0.050 16.99 9M01D7W I TF Band 71 QPSK 670.5 - 690.5 13.530 0 1 4 7 21.67 13M5G7W 670.5 - 690.5 16QAM 13.517 0.124 20.94 13M5D7W 15 MHz 64QAM 670.5 - 690.5 13.499 0.097 19.88 13M5D7W 256QAM 670.5 - 690.5 13.517 0.048 16.77 13M5D7W QPSK 673.0 - 688.0 17.963 0.146 21.63 18M0G7W 16QAM 673.0 - 688.0 18.019 0.131 21.17 18M0D7W 20 MHz 64QAM 673.0 - 688.0 17.973 0.102 20.10 18M0D7W 256QAM 673.0 - 688.0 18.000 0.048 16.78 18M0D7W 1M10G7W **QPSK** 699.7 - 715.3 1.1039 0.176 22.45 16QAM 1.1140 1M11D7W 699.7 - 715.3 0.145 21.62 1.4 MHz 64QAM 699.7 - 715.3 1.1082 0.115 20.62 1M11D7W 256QAM 699.7 - 715.3 1.1061 0.057 17.55 1M11D7W QPSK 700.5 - 714.5 2.7187 2M72G7W 0.175 22.43 16QAM 700.5 - 714.5 2.7267 0.152 21.82 2M73D7W 3 MHz 64QAM 700.5 - 714.5 2.7176 0.116 20.64 2M72D7W 256QAM 700.5 - 714.5 2.7229 0.061 17.82 2M72D7W I TF Band 12 701.5 - 713.5 4.5355 **QPSK** 0.176 22.45 4M54G7W 16QAM 701.5 - 713.5 4.5292 4M53D7W 0.153 21.85 5 MHz 64QAM 701.5 - 713.5 4.5354 0.119 20.75 4M54D7W 256QAM 701.5 - 713.5 4.5522 0.057 17.56 4M55D7W QPSK 704.0 - 711.0 9.0198 0.175 9M02G7W 22.43 16QAM 704.0 - 711.0 8.9897 0.148 21.70 8M99D7W 10 MHz 64QAM 704.0 - 711.0 8.9960 0.115 20.62 9M00D7W 256QAM 704.0 - 711.0 9.0061 0.057 17.59 9M01D7W OPSK 706.5 - 713.5 4.5355 0.176 22.45 4M54G7W 16QAM 4M53D7W 706.5 - 713.5 4.5292 0.148 21.71 5 MHz 64QAM 706.5 - 713.5 4.5354 0.121 20.84 4M54D7W 256QAM 706.5 - 713.5 4.5522 0.056 17.46 4M55D7W LTE Band 17 QPSK 709.0 - 711.0 9.0198 0.172 22.35 9M02G7W 16QAM 709.0 - 711.0 8.9897 0.149 21.74 8M99D7W 10 MHz 64QAM 709.0 - 711.0 8.9960 0.111 20.47 9M00D7W 256QAM 9.0061 17.58 9M01D7W 709.0 - 711.0 0.057 QPSK 779.5 - 784.5 4.5278 4M53G7W 0.172 22.35 779.5 - 784.5 16QAM 4.5350 0.153 21.84 4M53D7W 5 MHz 64QAM 779.5 - 784.5 4.5481 0.118 20.72 4M55D7W 256QAM 779.5 - 784.5 4.5349 0.056 17.47 4M53D7W LTE Band 13 QPSK 782.0 9.0134 0.164 22.16 9M01G7W 16QAM 782.0 9.0009 0.150 9M00D7W 21.76 10 MHz 64QAM 782.0 8.9949 0.108 20.34 8M99D7W 256QAM 782.0 9.0089 0.056 17.51 9M01D7W

Overview Table (<1GHz Band)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 3 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	- 3/19/2024 Tablet Device	
		·	V2.2 09/07/2023



					Ef		
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	OBW [MHz]	Max. Power [W]	Max. Power [dBm]	Emission Designator
		π/2 BPSK	665.5 - 695.5	4.4813	0.146	21.64	4M48G7W
		QPSK	665.5 - 695.5	4.4784	0.147	21.67	4M44G7W
	5 MHz	16QAM	665.5 - 695.5	4.4660	0.122	20.86	4M45D7W
		64QAM	665.5 - 695.5	4.4724	0.084	19.22	4M47D7W
		256QAM	665.5 - 695.5	4.4684	0.052	17.14	4M47D7W
		π/2 BPSK	668.0 - 693.0	8.9778	0.145	21.61	8M98G7W
		QPSK	668.0 - 693.0	9.3154	0.146	21.63	9M32G7W
	10 MHz	16QAM	668.0 - 693.0	9.3116	0.121	20.81	9M31D7W
		64QAM	668.0 - 693.0	9.3404	0.085	19.31	9M34D7W
NR Band n71		256QAM	668.0 - 693.0	9.2722	0.051	17.06	9M27D7W
NIX Danu II/ I		π/2 BPSK	670.5 - 690.5	13.419	0.150	21.77	13M4G7W
		QPSK	670.5 - 690.5	14.069	0.150	21.76	14M1G7W
	15 MHz	16QAM	670.5 - 690.5	14.140	0.124	20.92	14M1D7W
		64QAM	670.5 - 690.5	14.173	0.088	19.46	14M2D7W
		256QAM	670.5 - 690.5	14.143	0.053	17.24	14M1D7W
		π/2 BPSK	673.0 - 688.0	17.926	0.149	21.75	17M9G7W
		QPSK	673.0 - 688.0	18.969	0.151	21.78	19M0G7W
	20 MHz	16QAM	673.0 - 688.0	18.845	0.129	21.09	18M8D7W
		64QAM	673.0 - 688.0	18.990	0.086	19.34	19M0D7W
		256QAM	673.0 - 688.0	18.873	0.053	17.27	18M9D7W
		π/2 BPSK	701.5 - 713.5	4.4304	0.176	22.45	4M43G7W
		QPSK	701.5 - 713.5	4.4946	0.176	22.45	4M49G7W
	5 MHz	16QAM	701.5 - 713.5	4.4962	0.150	21.76	4M50D7W
		64QAM	701.5 - 713.5	4.4674	0.099	19.94	4M47D7W
		256QAM	701.5 - 713.5	4.4762	0.062	17.92	4M48D7W
		π/2 BPSK	704.0 - 711.0	8.9122	0.175	22.43	8M91G7W
		QPSK	704.0 - 711.0	9.2605	0.176	22.45	9M26G7W
NR Band n12	10 MHz	16QAM	704.0 - 711.0	9.3449	0.142	21.54	9M34D7W
	-	64QAM	704.0 - 711.0	9.3077	0.103	20.11	9M31D7W
		256QAM	704.0 - 711.0	9.2803	0.063	18.00	9M28D7W
		π/2 BPSK	706.5 - 708.5	13.443	0.175	22.42	13M4G7W
		QPSK	706.5 - 708.5	14.101	0.176	22.45	14M1G7W
	15 MHz	16QAM	706.5 - 708.5	14.101	0.141	21.51	14M1D7W
		64QAM	706.5 - 708.5	14.129	0.101	20.04	14M1D7W
		256QAM		-	0.065	18.11	14M1D7W
			706.5 - 708.5	14.091	0.005	10.11	1410110700

Overview Table (<1GHz Band)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 4 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 4 01 331
			\/2 2 00/07/2023



						EI	RP	
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	OBW [MHz]	PAR at 0.1% [dB]	Max. Power [W]	Max. Power [dBm]	Emission Designator
WCDMA1700	5 MHz	Spread Spectrum	1712.4 - 1752.6	4.1745	2.87	0.499	26.98	4M17F9W
		QPSK	1710.7 - 1754.3	1.1147	5.01	0.499	26.98	1M11G7W
	1 4 MHz	16QAM	1710.7 - 1754.3	1.1144	5.78	0.394	25.96	1M11D7W
	1.4 MHz	64QAM	1710.7 - 1754.3	1.1152	6.45	0.316	25.00	1M12D7W
		256QAM	1710.7 - 1754.3	1.1134	6.88	0.159	22.02	1M11D7W
		QPSK	1711.5 - 1753.5	2.7236	4.67	0.481	26.82	2M72G7W
	3 MHz	16QAM	1711.5 - 1753.5	2.7298	5.65	0.408	26.11	2M73D7W
	5 10112	64QAM	1711.5 - 1753.5	2.7259	6.46	0.327	25.15	2M73D7W
		256QAM	1711.5 - 1753.5	2.7245	6.91	0.155	21.91	2M72D7W
		QPSK	1712.5 - 1752.5	4.5374	4.89	0.501	27.00	4M54G7W
	5 MHz	16QAM	1712.5 - 1752.5	4.5443	5.86	0.429	26.32	4M54D7W
	0 10112	64QAM	1712.5 - 1752.5	4.5363	6.45	0.328	25.16	4M54D7W
LTE Band 4		256QAM	1712.5 - 1752.5	4.5434	7.04	0.161	22.08	4M54D7W
		QPSK	1715.0 - 1750.0	9.0281	4.98	0.483	26.84	9M03G7W
	10MHz	16QAM	1715.0 - 1750.0	9.0433	5.89	0.417	26.20	9M04D7W
	1011112	64QAM	1715.0 - 1750.0	9.0429	6.50	0.325	25.12	9M04D7W
		256QAM	1715.0 - 1750.0	9.0261	6.69	0.157	21.95	9M03D7W
		QPSK	1717.5 - 1747.5	13.5671	5.04	0.470	26.72	13M6G7W
	15 MHz	16QAM	1717.5 - 1747.5	13.5297	5.94	0.394	25.96	13M5D7W
	10 10112	64QAM	1717.5 - 1747.5	13.5465	6.46	0.308	24.88	13M5D7W
		256QAM	1717.5 - 1747.5	13.5295	6.66	0.150	21.76	13M5D7W
		QPSK	1720.0 - 1745.0	18.0233	4.95	0.480	26.81	18M0G7W
	20 MHz	16QAM	1720.0 - 1745.0	18.0235	5.87	0.421	26.24	18M0D7W
	20 10112	64QAM	1720.0 - 1745.0	18.0332	6.48	0.313	24.95	18M0D7W
		256QAM	1720.0 - 1745.0	17.9664	6.69	0.148	21.70	18M0D7W
		QPSK	1710.7 - 1779.3	1.1147	5.04	0.504	27.02	1M11G7W
	1.4 MHz	16QAM	1710.7 - 1779.3	1.1144	5.85	0.393	25.94	1M11D7W
	1.4 101112	64QAM	1710.7 - 1779.3	1.1152	6.52	0.313	24.96	1M12D7W
		256QAM	1710.7 - 1779.3	1.1134	6.73	0.160	22.05	1M11D7W
		QPSK	1711.5 - 1778.5	2.7236	4.71	0.476	26.78	2M72G7W
	3 MHz	16QAM	1711.5 - 1778.5	2.7298	5.72	0.422	26.25	2M73D7W
	0 10112	64QAM	1711.5 - 1778.5	2.7259	6.52	0.328	25.16	2M73D7W
		256QAM	1711.5 - 1778.5	2.7245	6.87	0.158	21.98	2M72D7W
		QPSK	1712.5 - 1777.5	4.5374	4.93	0.494	26.94	4M54G7W
	5 MHz	16QAM	1712.5 - 1777.5	4.5443	5.85	0.421	26.24	4M54D7W
	012	64QAM	1712.5 - 1777.5	4.5363	6.50	0.327	25.14	4M54D7W
LTE Band 66		256QAM	1712.5 - 1777.5	4.5434	7.05	0.160	22.03	4M54D7W
ETE Bana oo		QPSK	1715.0 - 1775.0	9.0281	5.02	0.469	26.71	9M03G7W
	10 MHz	16QAM	1715.0 - 1775.0	9.0433	5.88	0.405	26.07	9M04D7W
	10 11112	64QAM	1715.0 - 1775.0	9.0429	6.51	0.327	25.14	9M04D7W
		256QAM	1715.0 - 1775.0	9.0261	7.14	0.156	21.94	9M03D7W
		QPSK	1717.5 - 1772.5	13.5671	4.99	0.473	26.75	13M6G7W
	15 MHz	16QAM	1717.5 - 1772.5	13.5297	5.94	0.395	25.97	13M5D7W
		64QAM	1717.5 - 1772.5	13.5465	6.50	0.316	25.00	13M5D7W
		256QAM	1717.5 - 1772.5	13.5295	6.69	0.149	21.73	13M5D7W
		QPSK	1720.0 - 1770.0	18.0233	4.89	0.470	26.72	18M0G7W
	20 MHz	16QAM	1720.0 - 1770.0	18.0235	5.89	0.412	26.15	18M0D7W
	20 10112	64QAM	1720.0 - 1770.0	18.0332	6.50	0.321	25.07	18M0D7W
		256QAM	1720.0 - 1770.0	17.9664	6.67	0.152	21.81	18M0D7W

Overview Table (>1GHz Bands)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 5 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 5 01 551
			1/2 2 00/07/2022



						EIRP		
Mode	Bandwidth	Modulation	Tx Frequency Range [MHz]	OBW [MHz]	PAR at 0.1% [dB]	Max. Power [W]	Max. Power [dBm]	Emission Designator
		π/2 BPSK	1712.5 - 1777.5	4.4803	4.02	0.496	26.96	4M48G7W
		QPSK	1712.5 - 1777.5	4.4743	5.28	0.507	27.05	4M47G7W
	5 MHz	16QAM	1712.5 - 1777.5	4.4741	6.38	0.404	26.07	4M47D7W
		64QAM	1712.5 - 1777.5	4.4735	6.49	0.287	24.57	4M47D7W
		256QAM	1712.5 - 1777.5	4.4754	6.68	0.176	22.45	4M48D7W
		π/2 BPSK	1715.0 - 1775.0	8.9492	4.27	0.494	26.94	8M95G7W
		QPSK	1715.0 - 1775.0	9.3213	5.58	0.504	27.02	9M32G7W
	10 MHz	16QAM	1715.0 - 1775.0	9.2805	6.36	0.389	25.90	9M28D7W
		64QAM	1715.0 - 1775.0	9.3361	6.50	0.287	24.58	9M34D7W
		256QAM	1715.0 - 1775.0	9.3029	6.90	0.173	22.37	9M30D7W
		π/2 BPSK	1717.5 - 1772.5	13.4454	4.16	0.511	27.08	13M4G7W
		QPSK	1717.5 - 1772.5	14.1269	5.42	0.513	27.10	14M1G7W
	15 MHz	16QAM	1717.5 - 1772.5	14.1018	6.33	0.418	26.21	14M1D7W
		64QAM	1717.5 - 1772.5	14.0736	6.63	0.289	24.61	14M1D7W
		256QAM	1717.5 - 1772.5	14.1014	6.48	0.184	22.64	14M1D7W
		π/2 BPSK	1720.0 - 1770.0	17.9079	4.31	0.513	27.10	17M9G7W
		QPSK	1720.0 - 1770.0	18.9730	5.39	0.509	27.07	19M0G7W
	20 MHz	16QAM	1720.0 - 1770.0	19.0117	6.29	0.424	26.28	19M0D7W
		64QAM	1720.0 - 1770.0	18.9477	6.55	0.289	24.62	18M9D7W
		256QAM	1720.0 - 1770.0	18.9739	6.67	0.177	22.48	19M0D7W
NR Band n66		π/2 BPSK	1722.5 - 1767.5	22.9492	4.02	0.509	27.07	22M9G7W
		QPSK	1722.5 - 1767.5	23.7967	5.24	0.513	27.10	23M8G7W
	25 MHz	16QAM	1722.5 - 1767.5	23.7520	6.25	0.411	26.14	23M8D7W
	20 10112	64QAM	1722.5 - 1767.5	23.7111	6.47	0.297	24.73	23M7D7W
		256QAM	1722.5 - 1767.5	23.7927	6.66	0.185	22.67	23M8D7W
		π/2 BPSK	1725.0 - 1765.0	28.5945	4.21	0.511	27.08	28M6G7W
		QPSK	1725.0 - 1765.0	28.5690	5.44	0.513	27.10	28M6G7W
	30 MHz	16QAM	1725.0 - 1765.0	28.6836	6.31	0.414	26.17	28M7D7W
	30 1011 12	64QAM	1725.0 - 1765.0	28.5018	6.55	0.287	24.58	28M5D7W
		256QAM	1725.0 - 1765.0	28.6219	6.75	0.191	22.80	28M6D7W
		π/2 BPSK	1727.5 - 1762.5	32.2187	4.13	0.513	27.10	32M2G7W
		QPSK	1727.5 - 1762.5	33.5691	5.45	0.505	27.03	33M6G7W
	35 MHz	16QAM	1727.5 - 1762.5	33.6182	6.42	0.393	25.94	33M6D7W
	55 WIT12	64QAM	1727.5 - 1762.5	33.6718	6.65	0.292	24.65	33M7D7W
		256QAM	1727.5 - 1762.5	33.7263	6.72	0.292	22.54	33M7D7W
		π/2 BPSK	1730.0 - 1760.0	38.6420	4.09	0.179	27.08	38M6G7W
	40 MHz	QPSK 16QAM	1730.0 - 1760.0 1730.0 - 1760.0	38.5956 38.5310	5.34 6.31	0.513 0.425	27.10 26.28	38M6G7W 38M5D7W
		64QAM	1730.0 - 1760.0	38.6057	6.63	0.425	26.28	38M6D7W
		256QAM	1730.0 - 1760.0	38.5852	6.69	0.190	22.78	38M6D7W
		π/2 BPSK QPSK	1712.5 - 1777.5	4.4847 4.4702	4.01	0.414 0.417	26.17 26.20	4M48G7W 4M47G7W
	5 MI -		1712.5 - 1777.5		5.37			
	5 MHz	16QAM	1712.5 - 1777.5	4.4790	6.39	0.328	25.16	4M48D7W
		64QAM	1712.5 - 1777.5	4.4698	6.43	0.247	23.93	4M47D7W
		256QAM	1712.5 - 1777.5	4.4614	6.54	0.155	21.90	4M46D7W
		π/2 BPSK	1715.0 - 1775.0	8.9362	4.22	0.411	26.14	8M94G7W
ND Dord 770		QPSK 1604M	1715.0 - 1775.0	9.3119	5.63	0.417	26.20	9M31G7W
NR Band n70	10 MHz	16QAM	1715.0 - 1775.0	9.3407	6.16	0.346	25.39	9M34D7W
		64QAM	1715.0 - 1775.0	9.2953	6.62	0.245	23.89	9M30D7W
		256QAM	1715.0 - 1775.0	9.3255	6.80	0.150	21.76	9M33D7W
		π/2 BPSK	1717.5 - 1772.5	13.4668	4.15	0.417	26.20	13M5G7W
		QPSK	1717.5 - 1772.5	14.1245	5.46	0.416	26.19	14M1G7W
	15 MHz	16QAM	1717.5 - 1772.5	14.1657	6.45	0.334	25.24	14M2D7W
		64QAM	1717.5 - 1772.5	14.1026	6.71	0.249	23.97	14M1D7W
		256QAM	1717.5 - 1772.5	14.1279	6.60	0.154	21.87	14M1D7W

Overview Table (>1GHz Bands)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 6 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 0 01 351



1.0 INTRODUCTION

1.1 Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada.

1.2 Element Materials Technology Test Location

These measurement tests were conducted at the Element Materials Technology facility located at 18855 Adams Court, Morgan Hill, CA 95037. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014 and KDB 414788 D01 v01r01.

1.3 Test Facility / Accreditations

Measurements were performed at Element Materials Technology

- Element Materials Technology is an ISO 17025-2017 accredited test facility under the American Association for Laboratory Accreditation (A2LA) with Certificate number 2041.02 for Specific Absorption Rate (SAR), Hearing Aid Compatibility (HAC) testing, where applicable, and Electromagnetic Compatibility (EMC) testing for FCC and Innovation, Science, and Economic Development Canada rules.
- Element Materials Technology TCB is a Telecommunication Certification Body (TCB) accredited to ISO/IEC 17065-2012 by A2LA (Certificate number 2041.03) in all scopes of FCC Rules and ISED Standards (RSS).
- Element Materials Technology facility is a registered (22831) test laboratory with the site description on file with ISED.
- Element Washington DC LLC is a Recognized U.S. Certification Assessment Body (CAB # US0110) for ISED Canada as designated by NIST under the U.S. and Canada Mutual Agreements (MRAs).

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 7 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024 Tablet Device		Fage 7 01 351
			1/2 2 00/07/2022

Unless otherwise specified, no part of this report may be reproduced or utilized in any part, form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from Element Materials Technology. If you have any questions about this or have an enquiry about obtaining additional rights to this report or assembly of contents thereof, please contact ct.info@element.com.



2.0 PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the **Apple Tablet Device FCC ID: BCGA2903**. The test data contained in this report pertains only to the emissions due to the EUT's licensed transmitters that operate under the provisions of Part 27.

Test Device Serial No.: RH779H9653, W046C4WFF6, F1Y0XGN9Q3, DLXGYH0000A0000EVL, DLXGY90000D0000EVP

2.2 Device Capabilities

This device contains the following capabilities:

850/1700/1900 WCDMA/HSPA, Multi-band LTE, 5G NR (FR1), 802.11b/g/n/ax WLAN, 802.11a/n/ac/ax UNII, 802.11a/ax WIFI 6E, 802.15.4, Bluetooth (1x, EDR, LE1M, LE2M, HDR4, HDR8), NB UNII (1x, HDR4, HDR8), WPT

This device supports BT Beamforming

This device supports simultaneous transmission operations, which allows for multiple transmitters to transmit simultaneously on the same antenna. The table below shows all configurations possible.

		Wifi 2GHz	Bluetooth	Thread	Wifi 5GHz	Wifi 6GHz	NB UNII	LTE/FF	R1 NR
Antenna	Simultaneous Tx Config	802.11 b/g/n/ax	BDR, EDR, HDR4/8, LE1/2M	15.4	802.11 a/n/ac/ax	802.11 a/ax	BDR, HDR4/8	MB/HB	UHB
3a	Config 1	X	\checkmark	X	\checkmark	X	X	\checkmark	X
3a	Config 2	X	✓	X	X	\checkmark	X	\checkmark	X
3a	Config 3	\checkmark	X	X	X	X	\checkmark	\checkmark	X
3a	Config 4	X	×	~	\checkmark	X	X	\checkmark	X
3a	Config 5	X	X	>	X	\checkmark	X	\checkmark	X
3a	Config 6	\checkmark	X	X	X	X	\checkmark	X	X
3a	Config 7	\checkmark	X	X	X	X	X	\checkmark	X
3a	Config 8	X	✓	X	\checkmark	X	X	X	X
3a	Config 9	X	~	X	X	\checkmark	X	X	X
3a	Config 10	X	\checkmark	X	X	X	X	\checkmark	X
3a	Config 11	X	X	\checkmark	\checkmark	X	X	X	X
3a	Config 13	X	X	\checkmark	X	\checkmark	X	X	X
3a	Config 14	X	X	\checkmark	X	X	X	~	X
3a	Config 15	X	×	X	\checkmark	X	X	\checkmark	X
3a	Config 16	X	X	X	X	\checkmark	X	~	X
3a	Config 17	X	X	X	X	X	\checkmark	\checkmark	X
1a	Config 18	\checkmark	×	X	X	X	X	X	\checkmark
1a	Config 15	X	\checkmark	X	X	X	X	X	\checkmark
1a	Config 16	X	X	✓	X	X	X	X	\checkmark
1b	Config 17	X	X	X	\checkmark	X	X	\checkmark	X
1b	Config 18	X	X	X	X	\checkmark	X	\checkmark	X
1b	Config 19	X	X	X	X	X	\checkmark	\checkmark	X

Table 2-1. Simultaneous Transmission Configurations

\checkmark = Support; \varkappa = Not Support

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 8 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 6 01 351
	-		V2.2 09/07/2023



Note:

All the above simultaneous transmission configurations have been tested and the worst-case configuration was found to be Config 1 and reported in RF UNII OFDM, RF Bluetooth, RF FCC Part 27b test reports.

Specific 2.4GHz Wi-Fi antenna that can only transmit simultaneously with 2.4GHz Bluetooth antenna is listed in the SAR test report. For BT (2.4GHz) in connected mode and Wi-Fi (2.4GHz) - Wi-Fi max power will not exceed minimum of (13.5dBm, SAR max cap, Reg max cap) power. For BT (2.4GHz) in disconnected mode and Wi-Fi (2.4GHz) - BT will be using iPA only and Wi-Fi max power will not exceed minimum of (SAR max cap, Reg max cap) power. Bluetooth can simultaneously transmit with IEEE 802.11a/n/ac/ax 5/6 GHz on separate antenna.

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 9 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 9 01 351
	•		V2.2 09/07/2023



Antenna Description 2.3

Band	Antenna Gain [dBi]							
Danu	Antenna 4	Antenna 3b	Antenna 2b	Antenna 3a	Antenna 1b			
LTE Band 12/17			×	×	×			
NR Band 12	-1.1	-1.9	×	~	*			
LTE Band 13	-1.2	-2.1	×	×	×			
LTE Band 4/66		×	-2.1	-0.3	-2.4			
NR Band n66	1.4							
WCDMA1700								
LTE Band 71	4 7							
NR Band n71	-1.7	-2.8	×	×	×			
NR Band 70	0.5	×	-3.4	-0.8	-3.1			
		Table 2-2. Highest	Antenna Gain	•				

Following antenna gains provided by manufacturer were used for testing.

× = Not Support

Test Support Equipment 2.4

1	Apple MacBook Pro	Model:	A2141	S/N:	C02H604EQ05D
	w/AC/DC Adapter	Model:	A2166	S/N:	C4H042705ZNPM0WA6
2	Apple USB-C Cable	Model:	Spartan	S/N:	GXK1336018XKTR024
3	USB-C Cable	Model:	A246C	S/N:	DWH80115BK826GV19
	w/ AC Adapter	Model:	A2305	S/N:	C4H95160004PF4F4V
4	Apple Pencil	Model:	A2538	S/N:	KJ26TCFXJW
5	DC Power Supply	Model:	KPS3010D	S/N:	N/A
		Table 2-	3. Test Support	Equipment	

Table 2-3. Test Support Equipment

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 10 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	023 - 3/19/2024 Tablet Device	
			1/2 2 09/07/2023



2.5 Test Configuration

The EUT was tested per the guidance of ANSI C63.26 2015, TIA-603-E-2016 and KDB 971168 D01 v03r01. See Section 7.0 of this test report for a description of the radiated and antenna port conducted emissions tests.

For emissions from 1GHz – 18GHz, low, mid, and high channels were tested with highest power and worst case configuration. The emissions below 1GHz and above 18GHz were tested with the highest transmitting power and the worst case channel.

The EUT was manipulated through three orthogonal planes of X-orientation (flatbed), Y-orientation (landscape), and Z-orientation (portrait) during the testing. Only the worst case emissions were reported in this test report.

2.6 Software and Firmware

The test was conducted with firmware version 21E8197 installed on the EUT.

2.7 EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and no modifications were made during testing.

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 11 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 11 01 551
			V2.2 09/07/2023



3.0 DESCRIPTION OF TESTS

3.1 Evaluation Procedure

The measurement procedures described in the documents titled "American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services" (ANSI C63.26-2015 and TIA-603-E-2016) and "Procedures for Compliance Measurement of the Fundamental Emission Power of Licensed Wideband (> 1 MHz) Digital Transmission Systems" (KDB 971168 D01 v03r01) were used in the measurement of the EUT.

Deviation from Measurement Procedure......None

3.2 Radiated Spurious Emissions

The radiated test facilities consisted of an indoor 3 meter semi-anechoic chamber used for final measurements and exploratory measurements, when necessary. The measurement area is contained within the semi-anechoic chamber which is shielded from any ambient interference. The test site inside the chamber is a 6m x 5.2m elliptical, obstruction-free area in accordance with Figure 5.7 of Clause 5 in ANSI C63.4-2014. Absorbers are arranged on the floor between the turn table and the antenna mast in such a way so as to maximize the reduction of reflections for measurements above 1GHz. For measurements below 1GHz, the absorbers are removed. A raised turntable is used for radiated measurement. The turn table is a continuously rotatable, remote-controlled, metallic turntable and 2 meters (6.56 ft.) in diameter. The turn table is flush with the raised floor of the chamber in order to maintain its function as a ground plane. An 80cm tall test table made of Styrodur is placed on top of the turn table. A Styrodur pedestal is placed on top of the test table to bring the total table height to 1.5m.

The equipment under test was transmitting while connected to its integral antenna and is placed on a turntable 3 meters from the receive antenna. The receive antenna height is adjusted between 1 and 4 meter height, the turntable is rotated through 360 degrees, and the EUT is manipulated through all orthogonal planes representative of its typical use to achieve the highest reading on the receive spectrum analyzer.

For radiated spurious emissions measurements and calculations, conversion method is used per the formulas in KDB 971168 Section 5.8.4. Field Strength (EIRP) is calculated using the following formulas:

 $E_{[dB\mu V/m]} = Measured amplitude level_{[dBm]} + 107 + Cable Loss_{[dB]} + Antenna Factor_{[dB/m]} And$

 $EIRP_{[dBm]} = E_{[dB\mu V/m]} + 20logD - 104.8$; where D is the measurement distance in meters.

All radiated measurements are performed in a chamber that meets the site requirements per ANSI C63.4-2014.

Per KDB 414788 D01 v01r01, radiated emission test sites other than open-field test sites (e.g., shielded anechoic chambers), may be employed for emission measurements below 30MHz if characterized so that the measurements correspond to those obtained at an open-field test site. To determine test site equivalency, a reference sample transmitting at 149kHz was measured on an open field test site (asphalt with no ground plane) and then measured in the 3m semi-anechoic chamber. A calibrated 60cm loop antenna was used while the reference device was rotated through the X, Y and Z axis in order to capture the worst case level. A maximum deviation of 2.77dB at 149kHz was measured when comparing the 3 meter semi-anechoic chamber to the open field site.

Radiated spurious emission levels are investigated with the receive antenna horizontally and vertically polarized per ANSI C63.26-2015 and TIA-603-E-2016.

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 12 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 12 01 351
	•		V2.2 09/07/2023



4.0 MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.23-2012. All measurement uncertainty values are shown with a coverage factor of k = 2 to indicate a 95% level of confidence. The measurement uncertainty shown below meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Contribution	Expanded Uncertainty (±dB)
Conducted Bench Top Measurements	2.07
Radiated Disturbance (<30MHz)	4.12
Radiated Disturbance (30MHz-1GHz)	4.85
Radiated Disturbance (1-18GHz)	5.08
Radiated Disturbance (>18GHz)	4.59

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 13 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 13 01 351
	•	·	V2.2 09/07/2023



5.0 TEST EQUIPMENT CALIBRATION DATA

Test Equipment Calibration is traceable to the National Institute of Standards and Technology (NIST). Measurements antennas used during testing were calibrated in accordance to the requirements of ANSI C63.5-2017.

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent Technologies	N9030A	3Hz-44GHz PXA Signal Analyzer	6/21/2023	Annual	6/21/2024	MY49430244
ESPEC	SU-241	Tabletop Temperature Chamber	11/17/2023	Annual	11/17/2024	92009574
ETS-Lindgren	3117	Double Ridged Guide Antenna (1-18 GHz)	3/30/2023	Annual	3/30/2024	00218555
Keysight Technology	N9040B	UXA Signal Analyzer	11/5/2023	Annual	11/5/2024	MY57213068
Rohde & Schwarz	TS-PR18	Pre-Amplifier (1GHz - 18GHz)	8/31/2023	Annual	8/31/2024	100052
Rohde & Schwarz	FSV40	Signal Analyzer (10Hz-40GHz)	5/11/2023	Annual	5/11/2024	101619
Rohde & Schwarz	ESW44	EMI Test Receiver	6/6/2023	Annual	6/6/2024	101668
Rohde & Schwarz	TS-PR8	Pre-Amplifier (30MHz - 8GHz)	6/22/2023	Annual	6/22/2024	102356
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	11/30/2023	Annual	11/30/2024	161616
Rohde & Schwarz	CMW500	Wideband Radio Communication Tester	12/27/2023	Annual	12/27/2024	164715
Rohde & Schwarz	TS-PR1840	Pre-Amplifier (18GHz - 40GHz)	6/2/2023	Annual	6/2/2024	100050
Rohde & Schwarz	HFH2-Z2	Loop Antenna	5/1/2023	Annual	5/1/2024	100519
Rohde & Schwarz	FSW43	Signal Analyzer (2Hz-43.5GHz)	7/13/2023	Annual	7/13/2024	101261
Schwarzbeck	VULB 9162	Bilog Antenna (30MHz - 6GHz)	4/17/2023	Annual	4/17/2024	00304

Table 5-1. Test Equipment

Notes:

1. For equipment listed above that has a calibration date or calibration due date that falls within the test date range, care was taken to ensure that this equipment was used after the calibration date and before the calibration due date.

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 14 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	19/2024 Tablet Device	
	•	·	V2.2 09/07/2023



6.0 SAMPLE CALCULATIONS

Emission Designator

WCDMA Emission Designator

Emission Designator = 4M16F9W

WCDMA BW = 4.16 MHz F = Frequency Modulation 9 = Composite Digital Info W = Combination (Audio/Data)

π/2 BPSK / QPSK Modulation

Emission Designator = 8M62G7W BW = 8.62 MHz G = Phase Modulation 7 = Quantized/Digital Info W = Combination of Any

QAM Modulation

Emission Designator = 8M45D7W LTE BW = 8.45 MHz D = Amplitude/Angle Modulated 7 = Quantized/Digital Info W = Combination of Any

Spurious Radiated Emission

Example: Middle Channel LTE Mode 2nd Harmonic (1564 MHz)

The average spectrum analyzer reading at 3 meters with the EUT on the turntable was -81.0 dBm. The gain of the substituted antenna is 8.1 dBi. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -81.0 dBm on the spectrum analzyer. The loss of the cable between the signal generator and the terminals of the substituted antenna is 2.0 dB at 1564 MHz. So 6.1 dB is added to the signal generator reading of -30.9 dBm yielding -24.80 dBm. The fundamental EIRP was 25.501 dBm so this harmonic was 25.501 dBm - (-24.80).

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 15 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 15 01 551
L	•	•	V2.2 09/07/2023



7.0 TEST RESULTS

7.1 Summary

Company Name:	<u>Apple Inc.</u>
FCC ID:	BCGA2903
FCC Classification:	PCS Licensed Transmitter (PCB)
Mode(s):	WCDMA/LTE/NR

Test Condition	Test Description	FCC Part Section(s)	Test Limit	Test Result	Reference
	Occupied Bandwidth	2.1049	N/A	N/A	Section 7.2
	Conducted Band Edge / Spurious Emissions	2.1051, 27.53	-13 dBm at Band Edge and for all out-of-band emissions	PASS	Sections 7.3, 7.4
	Conducted Band Edge / Spurious Emissions (LTE Band 13)	2.1051, 27.53	-13 dBm at Band Edge and for all out-of-band emissions < -70 dBW/MHz (for wideband signals) < -80 dBW (for discrete emissions less than 700Hz BW) For all emissions in the band 1559 - 1610 MHz	PASS	Sections 7.3, 7.4
	Peak-Average Ratio	27.50(d)(5)	< 13 dB	PASS	Section 7.5
	Transmitter Conducted Output Power	2.1046	NA	N/A	See RF Exposure Report
	Frequency Stability	2.1055, 27.54	Fundamental emissions stay within authorized frequency block over the temperature and voltage range as tested	PASS	Section 7.8
	Effective Radiated Power / Equivalent Isotropic Radiated Power (LTE Band 71)			PASS	Section 7.6
CONDUCTED	Effective Radiated Power / Equivalent Isotropic Radiated Power (NR Band n71)	07.50/5)(40)	< 3 Watts max. ERP	PASS	Section 7.6
	Effective Radiated Power / Equivalent Isotropic Radiated Power (LTE Band 12/17) Effective Radiated Power / Equivalent Isotropic Radiated Power (NR Band 12)	27.50(b)(10)	< 3 Watts max. EXP	PASS	Section 7.6
				PASS	Section 7.6
	Effective Radiated Power / Equivalent Isotropic Radiated Power (LTE Band 13)	27.50(c)(10)	< 3 Watts max. ERP	PASS	Section 7.6
	Equivalent Isotropic Radiated Power (WCDMA)			PASS	Section 7.6
	Equivalent lsotropic Radiated Power (NR Band n66)	07 50(4)(4)		PASS	Section 7.6
	Equivalent lsotropic Radiated Power (LTE Band 4/66)	27.50(d)(4)	< 1 Watts max. EIRP	PASS	Section 7.6
	Equivalent Isotropic Radiated Power (NR Band n70)			PASS	Section 7.6
RADIATED	Radiated Spurious Emissions (LTE Band 13) 2.1053, 27.53(f) -13 dBm for all out-of-band emissions <-70 dBW/MHz (for wideband signals) <-80 dBW (for discrete emissions less than 700		< -70 dBW/MHz (for wideband signals) < -80 dBW (for discrete emissions less than 700Hz BW)	PASS	Section 7.7
	Radiated Spurious Emissions	2.1053, 27.53	-13 dBm for all out-of-band emissions	PASS	Section 7.7

Table 7-1. Summary of Test Results

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 16 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 10 01 331
			V2.2 09/07/2023



Notes:

- 1. All modes of operation and data rates were investigated. The test results shown in the following sections represent the worst case emissions.
- 2. The analyzer plots were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables, directional couplers, and attenuators used as part of the system to maintain a link between the call box and the EUT at all frequencies of interest.
- 3. All antenna ports conducted emissions testing was performed on a test bench with the antenna port of the EUT connected to the spectrum analyzer through calibrated cables, attenuators, and couplers.
- 4. All conducted emissions measurements are performed with automated test software to capture the corresponding plots necessary to show compliance. The measurement software utilized is Element EMC Software Tool EMC Software Tool v1.1.

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 17 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 17 01 351
			V2.2 09/07/2023



7.2 Occupied Bandwidth §2.1049

Test Overview

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured. All modes of operation were investigated and the worst case configuration results are reported in this section. All ports were tested and only the worst case data were reported.

Test Procedure Used

KDB 971168 D01 v03r01 - Section 4.2

Test Settings

- 1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99% occupied bandwidth and the 26dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
- 2. RBW = 1 5% of the expected OBW
- 3. VBW \geq 3 x RBW
- 4. Detector = Peak
- 5. Trace mode = max hold
- 6. Sweep = auto couple
- 7. The trace was allowed to stabilize
- 8. If necessary, steps 2 7 were repeated after changing the RBW such that it would be within

1-5% of the 99% occupied bandwidth observed in Step 7

Test Setup

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

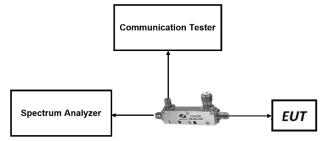


Figure 7-1. Test Instrument & Measurement Setup

Test Notes

None.

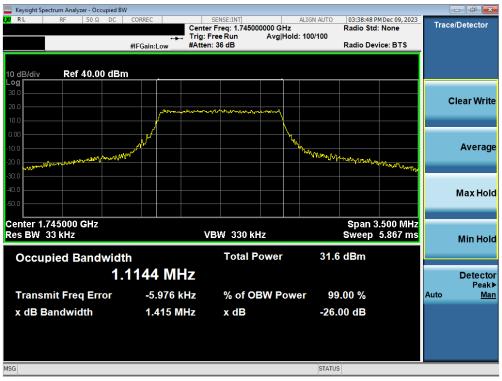
FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 18 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage to 01 551
	•		V2.2 09/07/2023



LTE Band 66/4

Keysight Spectrum Analyzer - Occupied B	W						
LXI RL RF 50Ω DC	🛻 Tri	SENSE:INT nter Freq: 1.745000000 G g: Free Run Avg ten: 36 dB	ALIGN AUTO Hz Hold: 100/100	03:38:39 PM Radio Std: 1 Radio Devic	None	Trace/	Detector
10 dB/div Ref 40.00 dB/							
30.0 20.0 10.0		manna fraint frains frains	V V			CI	lear Write
-10.0 -20.0			The work was	Maganaluura	May Drawelly Lyng		Average
-40.0 -50.0 Center 1.745000 GHz				Enon 24	500 MHz		Max Hold
Res BW 33 kHz Occupied Bandwid		VBW 330 kHz Total Power	33.2	Sweep 5 Sweep 5			Min Hold
1.	1147 MHz						Detector Peak
Transmit Freq Error	-729 Hz	% of OBW P	ower 99	.00 %		Auto	Man
x dB Bandwidth	1.401 MHz	x dB	-26.	00 dB			
MSG			STATUS	5			





Plot 7-2. Occupied Bandwidth Plot (LTE Band 66/4 - 1.4MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 19 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 19 01 351
			V2.2 09/07/2023



Keysight Spectrum Analyzer - Occup					- đ <mark>-</mark> ×
RL RF 50 Ω	DC CORREC	SENSE:INT Center Freg: 1.745000000	ALIGN AUTO	03:39:01 PM Dec 09, 2023 Radio Std: None	Trace/Detector
		Trig: Free Run Av	g Hold: 100/100	Radio Sta. None	
	#IFGain:Low	#Atten: 36 dB		Radio Device: BTS	_
0 dB/div Ref 40.00	dBm				
og					
30.0					Clear Write
20.0	mm	man man	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
10.0	<u>/</u>				
).00	/				
0.0					Average
	- man -		""www.	m Manual manyaya	
				an entry of the the	
10.0					Max Hold
50.0					Wax noid
enter 1.745000 GHz				Span 3.500 MHz	
tes BW 33 kHz		VBW 330 kHz		Sweep 5.867 ms	Min Hold
		Total Powe	xr 24 '	2 dBm	I
Occupied Bandw			51.2		
	1.1152 MH	Z			Detecto
Transmit Freq Erro	or 2.531 kl	Hz % of OBW	Power 00	9.00 %	Peak Auto Mar
x dB Bandwidth	1.382 MI	Hz x dB	-26.	00 dB	
G			STATU	-	

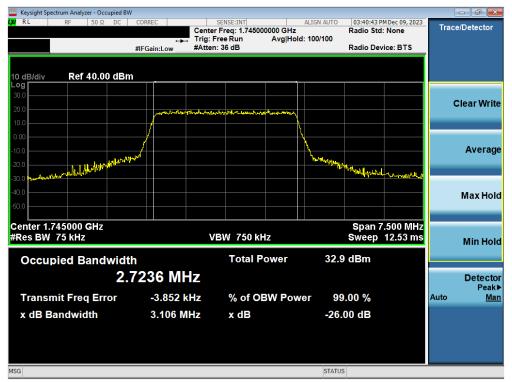




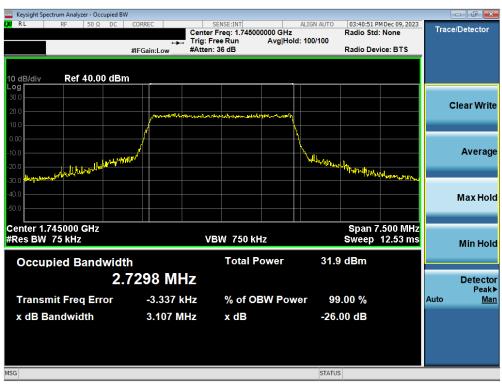
Plot 7-4. Occupied Bandwidth Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 20 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 20 01 551
	•		V2.2 09/07/2023





Plot 7-5. Occupied Bandwidth Plot (LTE Band 66/4 - 3MHz QPSK - Full RB)



Plot 7-6. Occupied Bandwidth Plot (LTE Band 66/4 - 3MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 21 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 21 01 351
			\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied BW								
ΙΧ΄ RL RF 50Ω DC	CORREC	SENSE:INT Center Freq: 1.74500 Trig: Free Run #Atten: 36 dB		IGN AUTO	03:41:00 P Radio Std		Trace	e/Detector
,	#IFGain:Low	#Atten: 36 dB			Radio Dev	ice. BT3		
10 dB/div Ref 40.00 dBm	<u> </u>							
30.0								lear Write
20.0	monorman	www.www.www.www.www.www.	a warded with the					
0.00	/		L N					
-10.0	1		\					Average
	ب ا			^N Ulvillillify	(Hilling) where	Manhow Multimerica		
-30.0						· ·		
-50.0								Max Hold
Center 1.745000 GHz					Snon 7	.500 MHz		
#Res BW 75 kHz		VBW 750 kH	Iz			12.53 ms		Min Hold
Occupied Bandwidt	h	Total P	ower	31.1	dBm			
	7259 MH	lz						Detector Peak▶
Transmit Freq Error	-2.130 k	Hz % of O	3W Power	99	.00 %		Auto	Man
x dB Bandwidth	3.102 M	Hz x dB		-26.0	00 dB			
MSG				STATUS				





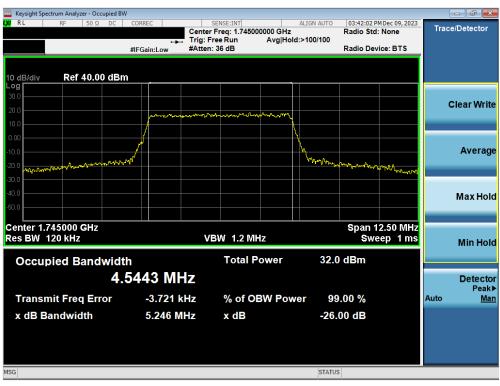
32Plot 7-8. Occupied Bandwidth Plot (LTE Band 66/4 - 3MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 22 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 22 01 351
			\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied B ¹					
LX/ RL RF 50Ω DC	CORREC	SENSE:INT enter Freg: 1.7450000	ALIGN AUTO	03:41:56 PM Dec 09, 2023 Radio Std: None	Trace/Detector
		ig: Free Run	Avg Hold: 100/100	Radio Device: BTS	
	#IFGain:Low #P	itten: 36 dB		Radio Device: B13	
10 dB/div Ref 40.00 dBr	n				
30.0					
20.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	www.	man		Clear Write
10.0					
0.00					
-10.0			NA L		Average
-20.0 -30.0			munni	Mur Mur march	
-30.0				· · · · · · · · · · · · · · · · · · ·	
-40.0					Max Hold
-50.0					
Center 1.745000 GHz				Onen 42 50 Mille	
Res BW 120 kHz		VBW 1.2 MHz		Span 12.50 MHz Sweep 1 ms	
				•	Min Hold
Occupied Bandwid	th	Total Pov	wer 32.8	8 dBm	
4	5374 MHz				Detector
					Peak▶
Transmit Freq Error	-4.636 kHz	% of OBV	V Power 99	9.00 %	Auto <u>Man</u>
x dB Bandwidth	5.270 MHz	x dB	-26.	00 dB	
MSG			STATU	S	

Plot 7-9. Occupied Bandwidth Plot (LTE Band 66/4 - 5MHz QPSK - Full RB)



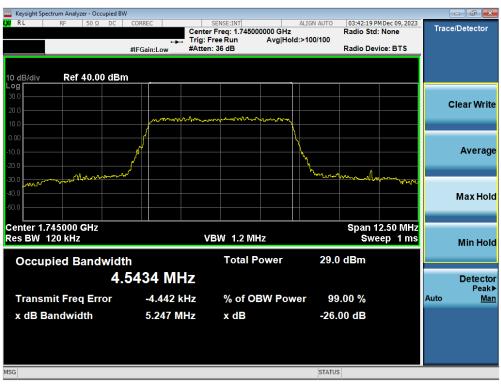
Plot 7-10. Occupied Bandwidth Plot (LTE Band 66/4 - 5MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 23 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 23 01 351
			\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied BW					
IX RL RF 50Ω DC		SENSE:INT		03:42:11 PM Dec 09, 2023 Radio Std: None	Trace/Detector
		Trig: Free Run #Atten: 36 dB	Avg Hold: 100/100	Radio Device: BTS	
10 dB/div Ref 40.00 dBm	<u>المجارعة المجارعة ا</u>			,	
30.0					
20.0		mm			Clear Write
10.0					
0.00					A
-10.0	NV III		Anada	A	Average
-20.0 many many month and			44800	- Angle Walker And A	
-40.0					Max Hold
-50.0					Waxhold
Center 1.745000 GHz				Span 12.50 MHz	
Res BW 120 kHz		VBW 1.2 MH	lz	Sweep 1 ms	Min Hold
Occupied Bandwidt	h	Total P	ower 31:	2 dBm	
	" 5363 MHz		0111		Detector
4.	5565 MIL	2			Detector Peak►
Transmit Freq Error	-3.544 kH	z % of O	3W Power 99	9.00 %	Auto <u>Man</u>
x dB Bandwidth	5.275 MH	z xdB	-26.	00 dB	
MSG			STATU	9	
mou			STATO		

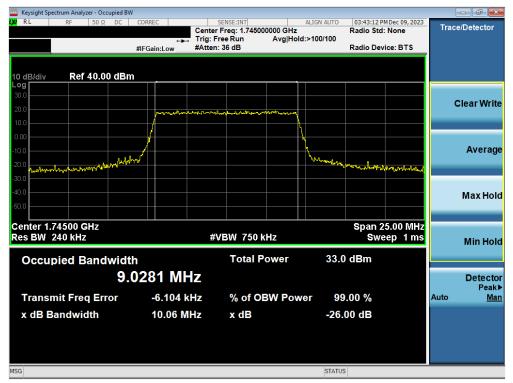
Plot 7-11. Occupied Bandwidth Plot (LTE Band 66/4 - 5MHz 64-QAM - Full RB)



Plot 7-12. Occupied Bandwidth Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 24 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 24 01 551
	•	•	\/2 2 09/07/2023





Plot 7-13. Occupied Bandwidth Plot (LTE Band 66/4 - 10MHz QPSK - Full RB)

Keysight Spectrum Analyzer - Occupied BW RL RF 50 Ω DC	CORREC	SENSE:INT	ALIGN AUTO	03:43:18 PM Dec 09, 202	3 Trace/Detector
	🛶 Trig:	er Freq: 1.745000000 GI Free Run Avg l n: 36 dB	Hz Hold:>100/100	Radio Std: None Radio Device: BTS	
10 dB/div Ref 40.00 dBm Log			_		
30.0 20.0	Murray Maria	www.www.war	↓ ↓		Clear Write
10.0	e of the second		Tula dana a		Average
-10.0 -20.0 -30.0			· YVY-JHRIMLeel	man water and	
-40.0					Max Hold
Center 1.74500 GHz Res BW 240 kHz	ŧ	VBW 750 kHz		Span 25.00 MH Sweep 1 m	
Occupied Bandwidth 9.0) 433 MHz	Total Power	32.1	dBm	Detector Peak
Transmit Freq Error	-8.739 kHz	% of OBW P		00 %	Auto <u>Mar</u>
x dB Bandwidth	10.05 MHz	x dB	-26.0	00 dB	
MSG			STATUS		

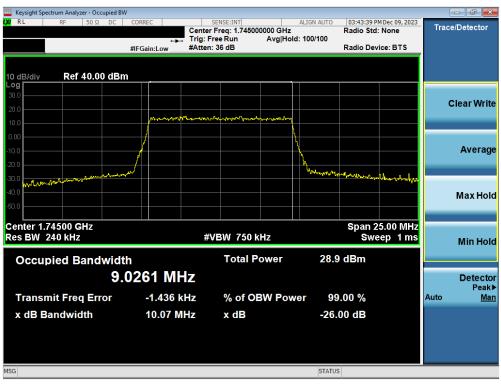
Plot 7-14. Occupied Bandwidth Plot (LTE Band 66/4 - 10MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 25 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 25 01 551
			\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied BW					
XI RL RF 50 Ω DC			ALIGN AUTO D GHz vg Hold: 100/100	03:43:32 PM Dec 09, 2023 Radio Std: None	Trace/Detector
	#IFGain:Low	#Atten: 36 dB		Radio Device: BTS	
10 dB/div Ref 40.00 dBm	1				
20.0					Clear Write
10.0	1				
0.00 -10.0 -20.0	h _w N		h how have	(PA +	Average
-20.0 Mhanner Mar Andre Mar				and the shall and provide the	
-40.0					Max Hold
Center 1.74500 GHz Res BW 240 kHz		#VBW 750 kHz		Span 25.00 MHz Sweep 1 ms	Min Hold
Occupied Bandwidt	h	Total Pow	ver 31.3	3 dBm	
9.0	0429 MH	Ζ			Detector Peak
Transmit Freq Error	-7.751 kH	z % of OBW	Power 99	9.00 %	Auto <u>Man</u>
x dB Bandwidth	10.12 MH	z x dB	-26	.00 dB	
ISG			STATU	s	

Plot 7-15. Occupied Bandwidth Plot (LTE Band 66/4 - 10MHz 64-QAM - Full RB)



Plot 7-16. Occupied Bandwidth Plot (LTE Band 66/4 - 10MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 26 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 20 01 551
			\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied					
X RL RF 50 Ω DC		sense:INT enter Freq: 1.74500000 rig: Free Run A	ALIGN AUTO 00 GHz Avg Hold: 100/100	03:44:19 PM Dec 09, 202: Radio Std: None	Trace/Detector
	#IFGain:Low #	Atten: 36 dB		Radio Device: BTS	_
10 dB/div Ref 40.00 dB	im				
Log 30.0					
20.0	Jurgenlertargen	เราะโหกรูรูปไปสุของ _{หม} าประกระไปเป็นได้ได้ได้ไ	harter		Clear Write
10.0			<u> </u>		
0.00			L		
-10.0	array and a second s		Ing the state of t		Average
-20.0				and have a property and a property of the second	
-40.0					Max Hold
-50.0					
Center 1.74500 GHz				Span 37.50 MH;	
Res BW 360 kHz		#VBW 1.2 MHz		Sweep 1 ms	
Occupied Bandwid	lth	Total Pov	ver 33.0) dBm	
	3.567 MHz				Detector
					Peak▶
Transmit Freq Error	-15.425 kHz		Power 99	9.00 %	Auto <u>Man</u>
x dB Bandwidth	14.97 MHz	x dB	-26.	00 dB	
MSG			STATU	S	

Plot 7-17. Occupied Bandwidth Plot (LTE Band 66/4 - 15MHz QPSK - Full RB)

Keysight Spectrum Analyzer - Occupied Β' RL RF 50 Ω DC	CORREC	SENSE:INT	ALIGN AUTO		M Dec 09, 2023	Trace/Detecto
	🛶 Trig	ter Freq: 1.745000000 G : Free Run Avg en: 36 dB	Hz Hold: 100/100	Radio Std: Radio Dev		Trace/Delector
10 dB/div Ref 40.00 dBr	n					
30.0		mapour your Agender				Clear Wr
10.0						
-10.0	and the second s		handberrough		malwither has	Avera
-30.0						MaxHo
-50.0				0 7077	7 50 BALL-	
Res BW 360 kHz		#VBW 1.2 MHz			7.50 MHz ep 1 ms	Min Ho
Occupied Bandwid	th 3.530 MHz	Total Power	31.9	dBm		Detect
Transmit Freq Error	-1.401 kHz	% of OBW P	ower 99	0.00 %		Auto <u>M</u>
x dB Bandwidth	14.80 MHz	x dB	-26.	00 dB		
MSG			STATUS	5		

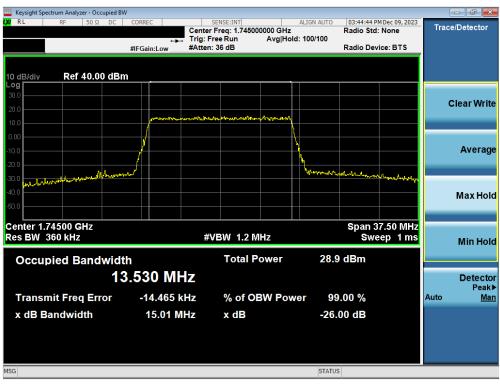
Plot 7-18. Occupied Bandwidth Plot (LTE Band 66/4 - 15MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 27 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 27 01 351
	•	•	\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied B					
XVIRL RF 50Ω DC	CORREC	SENSE:INT		03:44:33 PM Dec 09, 202 Radio Std: None	Trace/Detector
	₩FGain:Low	Trig: Free Run #Atten: 36 dB	Avg Hold:>100/100	Radio Device: BTS	
10 dB/div Ref 40.00 dBr	n				
30.0					
20.0	antonition	Martin and Andrews	L A		Clear Write
10.0					
0.00					
-10.0	all all of		hole		Average
-20.0			**!!!!!!!	and the second of the second o	
-40.0					
-50.0					Max Hold
Center 1.74500 GHz				Onen 07.50 Mill	
Res BW 360 kHz		#VBW 1.2 N	IHz	Span 37.50 MH Sweep 1 m	
		Total P	24	1 dBm	Minitiona
Occupied Bandwid			ower 31.	Тавт	
13	3.547 MH	IZ			Detector Peak▶
Transmit Freq Error	-5.948 k	Hz % of O	BW Power 99	9.00 %	Auto <u>Man</u>
x dB Bandwidth	15.00 M	Hz x dB	-26	.00 dB	
MSG			STATU	IS	

Plot 7-19. Occupied Bandwidth Plot (LTE Band 66/4 - 15MHz 64-QAM - Full RB)



Plot 7-20. Occupied Bandwidth Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 28 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Faye 20 01 351	
			\/2 2 09/07/2023	



	ectrum Analyze	er - Occu	upied BW									_	
X/RL	RF	50 Ω	DC	CORRE	C	Cent	SENSE:INT ter Freg: 1.745	00000 GHz	ALIGN AUTO	03:45:37 P Radio Std	M Dec 09, 2023	Trac	e/Detector
				#IFGa	n:Low	, Trig	: Free Run en: 36 dB		ld: 100/100	Radio Dev			
40 - 10 - 10 -	Dof		dBaa										
10 dB/div Log	Ref 4	¥U.UU	dBm										
30.0													Clear Write
20.0					ومار المامين فارمار	welphan	mmana	www.					
10.0													
0.00				-7					<u>\</u>				
-10.0									hast.				Average
-20.0	withthe sund	And all	han Malana Ang	1 4~~					hardnergen	Sam and a chanal laws	المرجع معالم المالحط		
-30.0	AND AL MICHAN												
-40.0													Max Hold
-50.0													
	74500 01									0			
Center 1. Res BW	.74500 GI 470 kHz	HZ				#VBW 1.6 MHz					0.00 MHz ep 1 ms		
NCS BII	TT V KITZ						#VBVV 1.0 WINZ				sep i nio		Min Hold
Occu	pied Ba	and	widt	h			Total Power 33.0) dBm			
			18	02	3 M	H7							Detector
													Peak▶
Trans	mit Freq	Erro	or	-2	4.682	kHz	% of C	BW Pov	ver 99	9.00 %		Auto	Man
x dB E	Bandwid	th		1	9.86	٨Hz	x dB		-26.	00 dB			
ISG									STATU	S			

Plot 7-21. Occupied Bandwidth Plot (LTE Band 66/4 - 20MHz QPSK - Full RB)

Keysight Spectrum Analyzer - Occupied BW R RL RF 50 Ω DC	CORREC Cente	sense:INT er Freq: 1.745000000 GHz Free Run Avg Hc n: 36 dB	z Radio old: 100/100	5:43 PM Dec 09, 2023 • Std: None	Trace/Detector
10 dB/div Ref 40.00 dBn			•		
20.0	-name-name	and a state of the second state of the second states and the second states and the second states and the second			Clear Write
10.0 0.00 10.0 20.0 Muserware (really mile game)	l _{luwltz} d		howwwwww	what was all and	Average
40.0 					Max Hold
Center 1.74500 GHz Res BW 470 kHz		VBW 1.6 MHz		an 50.00 MHz Sweep 1 ms	Min Hold
	.024 MHz	Total Power	32.0 dBn		Detecto Peak
Transmit Freq Error x dB Bandwidth	-2.719 kHz 20.09 MHz	% of OBW Por x dB	wer 99.00 % -26.00 dE		Auto <u>Mar</u>
ISG			STATUS		

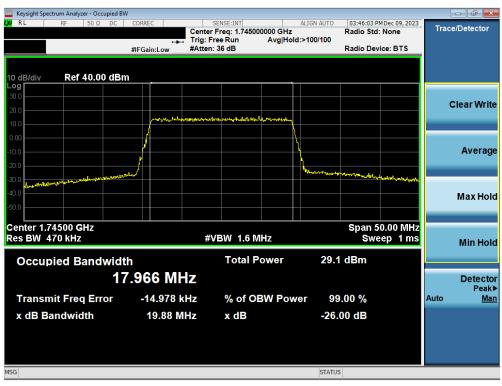
Plot 7-22. Occupied Bandwidth Plot (LTE Band 66/4 - 20MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 20 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 29 of 351	
	•	•	\/2 2 09/07/2023	



Keysight Spectrum Analyzer - Occup	oied BW										
💢 RL RF 50 Ω	DC CORRE	C		ISE:INT			ALIGN AUTO		M Dec 09, 2023	Trac	ce/Detector
				eq: 1.74500			>100/100	Radio Std	None		
	#IFGa	in:Low	#Atten: 3		, traine			Radio Dev	ice: BTS		
		_	_								
10 dB/div Ref 40.00	dBm	<u> </u>				_					
30.0											
											Clear Write
20.0		manne	nord ween how		mont						
10.0											
0.00						ł					
-10.0						\square					Average
-20.0	MANNAN						May Warning	and			_
-20.0 -30.0							hul withing	and and the start	hill was a server and		
-40.0											Max Hold
-50.0											
Center 1.74500 GHz			40.0						0.00 MHz		
Res BW 470 kHz			#VE	W 1.6 M	ΠZ			SWG	ep 1 ms		Min Hold
Occupied Bandu	d al tala			Total P	ower		34.2	dBm			
Occupied Bandw				Total I	Ower		51.2				
	18.03	3 MH	z								Detector
											Peak▶
Transmit Freq Erro	r -2	3.656 k	Hz	% of O	3W Pov	Ve	er 99	.00 %		Auto	<u>Man</u>
x dB Bandwidth	1	19.70 M	Hz	x dB			-26.	00 dB			
MSG							STATUS				

Plot 7-23. Occupied Bandwidth Plot (LTE Band 66/4 - 20MHz 64-QAM - Full RB)

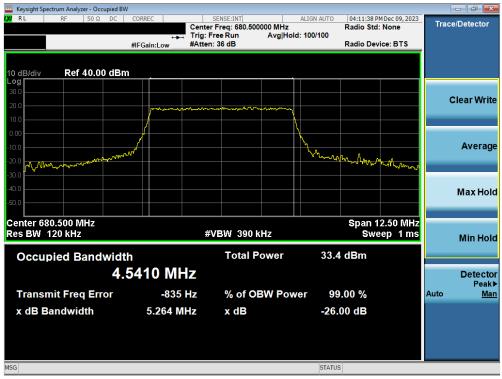


Plot 7-24. Occupied Bandwidth Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 30 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 30 01 351	
			\/2 2 09/07/2023	



LTE Band 71



Plot 7-25. Occupied Bandwidth Plot (LTE Band 71 - 5MHz QPSK - Full RB)



Plot 7-26. Occupied Bandwidth Plot (LTE Band 71 - 5MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 31 of 351	
1C2311270064-09.BCG	-09.BCG 10/1/2023 - 3/19/2024 Tablet Device		Page 31 01 351	
L			V2.2 09/07/2023	



🔤 Keysight Spectrum Analyzer										
LXIRL RF 5	50Ω DC	CORREC	Cent	SENSE:INT er Freg: 680.50	0000 MHz	ALIGN AUTO	04:11:55 P Radio Std	M Dec 09, 2023	Trace	/Detector
		#IFGain:Lov	Trig: Free Run Avg Hold: 100/100			i: 100/100				
10 dB/div Ref 4	0.00 dBn	n				1				
20.0									c	lear Write
10.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	وليهر المركبة مركبه						
-10.0		کم _								Average
-20.0 -30.0	Altra Ward	4./ ⁴				A. N Drahaw	ᠰᡙᠬᠬᠰᡳ᠇ᠥᢔ	mm		
-40.0										Max Hold
Center 680.500 MH Res BW 120 kHz	z			#VBW 390	kHz			2.50 MHz ep 1 ms		Min Hold
Occupied Ba	ndwidt	th		Total	Power	31.2	2 dBm			WIII HOIG
		5299	MHz							Detector Peak▶
Transmit Freq	Error	-2.2	25 kHz	% of C	BW Pow	er 99	.00 %		Auto	Man
x dB Bandwidt	h	5.24	7 MHz	x dB		-26.	00 dB			
ISG						STATUS	5			

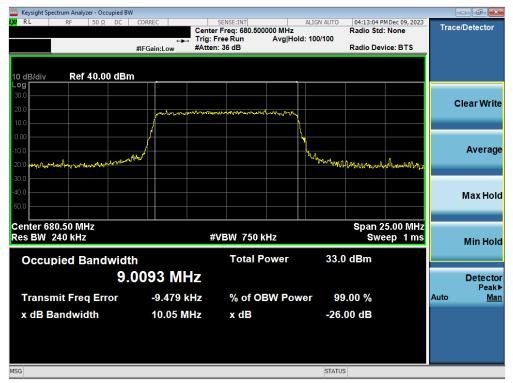
Plot 7-27. Occupied Bandwidth Plot (LTE Band 71 - 5MHz 64-QAM - Full RB)



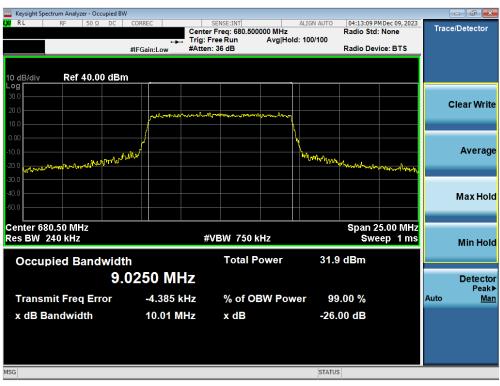
Plot 7-28. Occupied Bandwidth Plot (LTE Band 71 - 5MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 32 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 52 01 351	
			V2.2 09/07/2023	





Plot 7-29. Occupied Bandwidth Plot (LTE Band 71 - 10MHz QPSK - Full RB)



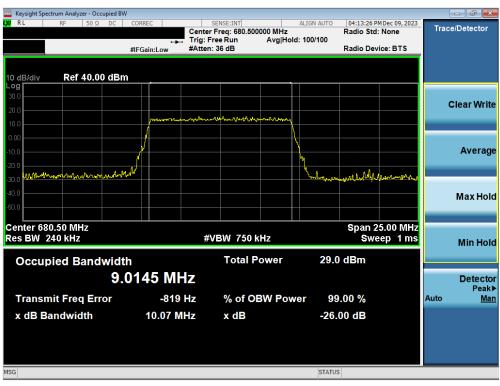
Plot 7-30. Occupied Bandwidth Plot (LTE Band 71 - 10MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 22 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 33 of 351	
			V2.2 09/07/2023	



Keysight Spectrum Analyzer - Occu	upied BW							
LX/ RL RF 50 Ω	DC CORREC	SENSE:INT				1Dec 09, 2023	Trac	e/Detector
		Center Freq: 680.500 Trig: Free Run	000 MHz Avg Hold: 1		adio Std:	None	mac	0.000000
		#Atten: 36 dB	Avginola. I		adio Devi	ce: BTS		
	an ouncou							
10 dB/div Ref 40.00) dBm							
Log 30.0								
								Clear Write
20.0	n Assachant of	man many many maker	and					cical mile
10.0								
0.00			<u> </u>					
-10.0	1		1 1					Average
	monty		۱. I.	leante				Average
-20.0 Martaelabologramound	ANNOV Y			War you when the	w Murray	why hayn,		
-30.0								
-40.0								Max Hold
-50.0								
-30.0							_	
Center 680.50 MHz					Span 2	5.00 MHz		
Res BW 240 kHz		#VBW 750 k	Hz			ep 1 ms		Min Hold
Occupied Bandy	width	Total P	ower	31.0 d	IBm			
	9.0282 MH	1Z						Detector
Tronomit From From	e 6 6 7 0 k	W - 5 OI		- 00.0	0.0/		Auto	Peak▶
Transmit Freq Erro	or 6.672 k	HZ % OF OF	3W Power	r 99.0	0 %		Auto	<u>Man</u>
x dB Bandwidth	10.02 M	Hz x dB		-26.00) dB			
MSG				STATUS				

Plot 7-31. Occupied Bandwidth Plot (LTE Band 71 - 10MHz 64-QAM - Full RB)



Plot 7-32. Occupied Bandwidth Plot (LTE Band 71 - 10MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	element PART 27 MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 34 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device		
			\/2 2 09/07/2023	



Keysight Spectrum Analyzer - Occupied B						
(X) RL RF 50 Ω DC		SENSE:INT ter Freq: 680.500000 MI : Free Run Avg	ALIGN AUTO Hz Hold:>100/100	04:14:05 PM Radio Std:	Dec 09, 2023 None	Trace/Detector
		en: 36 dB		Radio Devi	ce: BTS	
10 dB/div Ref 40.00 dB	n					
30.0						Clear Write
20.0	Mannah	Margalynes, gwrladyraetherydryd	alver,			
0.00	/		l,			
-10.0			<u> </u>			Average
-20.0 Antroportal work to a show			Mr Margeller	aman	and had the	
-30.0						
-40.0						Max Hold
-50.0						
Center 680.50 MHz Res BW 360 kHz		#VBW 1.2 MHz			7.50 MHz ep 1 ms	Min Hold
Occupied Bandwid	th	Total Power	r 32.	8 dBm		
	13.530 MHz					Detecto Peak
Transmit Freq Error	-24.895 kHz	% of OBW F	ower 99	9.00 %		Auto <u>Mar</u>
x dB Bandwidth	14.91 MHz	x dB	-26	.00 dB		
MSG			STATU	S		

Plot 7-33. Occupied Bandwidth Plot (LTE Band 71 - 15MHz QPSK - Full RB)



Plot 7-34. Occupied Bandwidth Plot (LTE Band 71 - 15MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 35 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device		
	•	•	V2.2 09/07/2023	



Keysight Spectrum Analyzer - Occupied B					
ΙΧΙ R L RF 50 Ω DC		SENSE:INT Center Freq: 680.500 Trig: Free Run	ALIGN AUTO 0000 MHz Avg Hold:>100/100	04:14:15 PM Dec 09, 2023 Radio Std: None	Trace/Detector
		#Atten: 36 dB	<u> </u>	Radio Device: BTS	_
10 dB/div Ref 40.00 dB					
10 dB/div Ref 40.00 dBi					
30.0					Clear Write
20.0	mariant	nen hen Anenhousen	the strong		olcul Wille
10.0					
-10.0					Average
	- All Carlos		Market		Average
-20.0 Non-d. h. N				home full mark had a mark has	
-40.0					Max Hold
-50.0					
0				0	
Center 680.50 MHz Res BW 360 kHz		#VBW 1.2 №	IHz	Span 37.50 MHz Sweep 1 ms	
<u></u>				•	Min Hold
Occupied Bandwid		Total P	ower 30.	.8 dBm	
1:	3.499 MH:	Z			Detector
Transmit Freq Error	-2.303 kH	z % of Ol	BW Power 9	9.00 %	Peak▶ Auto <u>Man</u>
x dB Bandwidth	15.24 MH	z x dB	-26	.00 dB	
MSG			STATI	US	

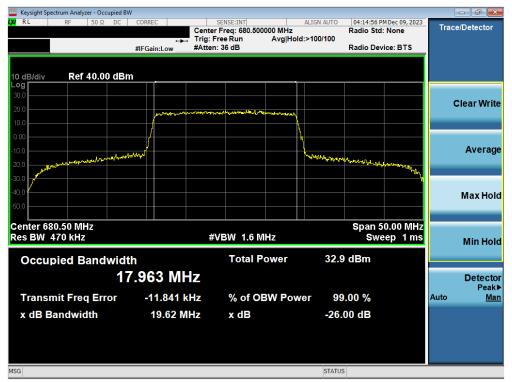
Plot 7-35. Occupied Bandwidth Plot (LTE Band 71 - 15MHz 64-QAM - Full RB)



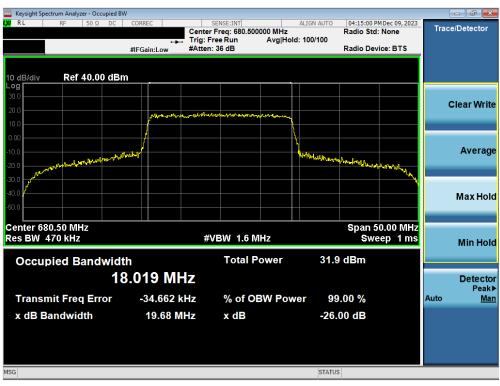
Plot 7-36. Occupied Bandwidth Plot (LTE Band 71 - 15MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 36 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 36 01 35 1
		•	V2.2 09/07/2023





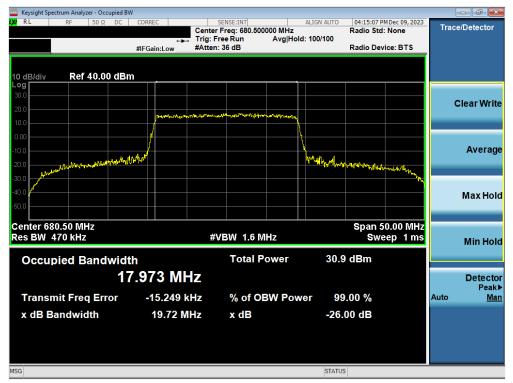
Plot 7-37. Occupied Bandwidth Plot (LTE Band 71 - 20MHz QPSK - Full RB)



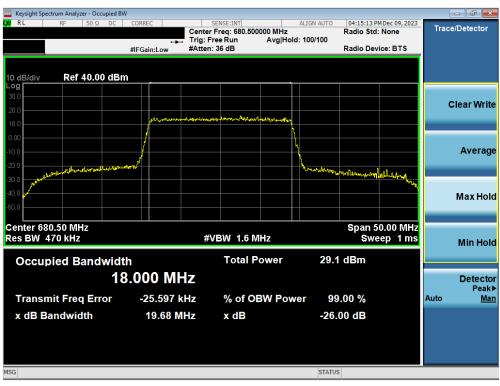
Plot 7-38. Occupied Bandwidth Plot (LTE Band 71 - 20MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 37 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 37 01 331
			V2.2 09/07/2023





Plot 7-39. Occupied Bandwidth Plot (LTE Band 71 - 20MHz 64-QAM - Full RB)



Plot 7-40. Occupied Bandwidth Plot (LTE Band 71 - 20MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	nent PART 27 MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 38 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 36 01 351	
			\/2 2 09/07/2023	



LTE Band 12/17



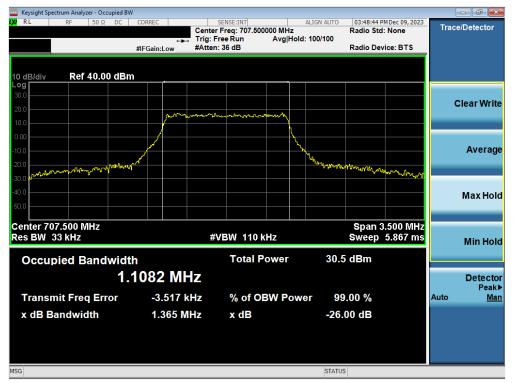
Plot 7-41. Occupied Bandwidth Plot (LTE Band 12 – 1.4MHz QPSK - Full RB)



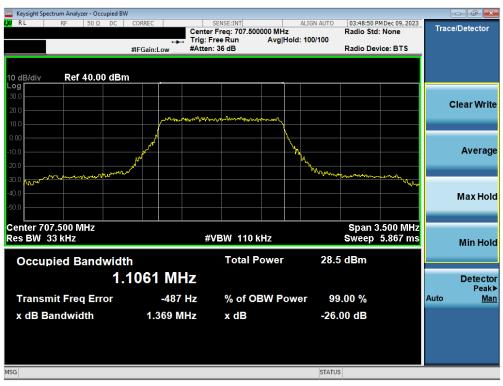
Plot 7-42. Occupied Bandwidth Plot (LTE Band 12 – 1.4MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 39 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 39 01 351
			V2.2 09/07/2023





Plot 7-43. Occupied Bandwidth Plot (LTE Band 12 – 1.4MHz 64-QAM - Full RB)



Plot 7-44. Occupied Bandwidth Plot (LTE Band 12 – 1.4MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element PART 27 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 40 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 40 of 351	
			V2.2 09/07/2023	





Plot 7-45. Occupied Bandwidth Plot (LTE Band 12 - 3MHz QPSK - Full RB)



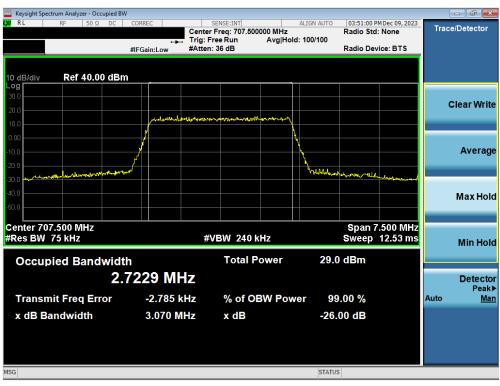
Plot 7-46. Occupied Bandwidth Plot (LTE Band 12 - 3MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 41 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 41 01 351
			\/2 2 09/07/2023



Keysight Spectrum Analyzer - Occupied B							
IXI RL RF 50Ω DC	CORREC ++	SENSE:INT Center Freq: 707.500 Trig: Free Run	ALIGN AUTO 000 MHz Avg Hold: 100/100	Radio Std		Trace	/Detector
	#IFGain:Low	#Atten: 36 dB		Radio Dev	vice: BTS		
10 dB/div Ref 40.00 dB	m						
30.0						с	lear Write
10.0	Marsanthermon	aluterallor	without				
0.00	<u>/</u>		<u> </u>				
-10.0			N				Average
-20.0	Marte			PP WWW WHAT	A who who have	_	_
-30.0							
-40.0							Max Hold
-50.0						_	
Center 707.500 MHz #Res BW 75 kHz		#VBW 240 k	U-7		.500 MHz 12.53 ms		
TRES DVV 75 KHZ		#8088 240 K	112	Gweep	12.33 1115		Min Hold
Occupied Bandwid	th	Total P	ower 30.	9 dBm			
2	.7176 MH	Z					Detector Peak▶
Transmit Freq Error	-2.968 kl	lz % of OE	3W Power 9	9.00 %		Auto	<u>Man</u>
x dB Bandwidth	3.109 MI	lz xdB	-26	.00 dB			
MSG			STAT	16			
mou			STAT	55			

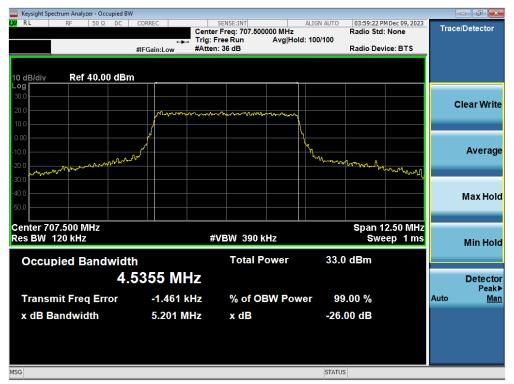
Plot 7-47. Occupied Bandwidth Plot (LTE Band 12 - 3MHz 64-QAM - Full RB)



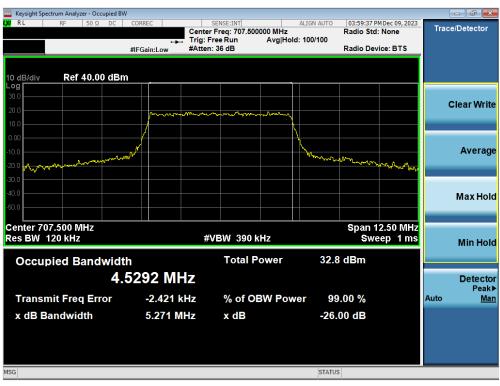
Plot 7-48. Occupied Bandwidth Plot (LTE Band 12 - 3MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element)	element PART 27 MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Page 42 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device		
			V2.2 09/07/2023	





Plot 7-49. Occupied Bandwidth Plot (LTE Band 12/17 - 5MHz QPSK - Full RB)



Plot 7-50. Occupied Bandwidth Plot (LTE Band 12/17 - 5MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 43 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 45 01 551
			\/2 2 09/07/2023





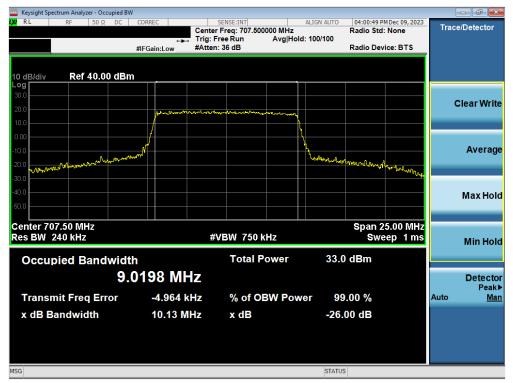
Plot 7-51. Occupied Bandwidth Plot (LTE Band 12/17 - 5MHz 64-QAM - Full RB)



Plot 7-52. Occupied Bandwidth Plot (LTE Band 12/17 - 5MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 44 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 44 of 351	
			\/2 2 09/07/2023	





Plot 7-53. Occupied Bandwidth Plot (LTE Band 12/17 - 10MHz QPSK - Full RB)



Plot 7-54. Occupied Bandwidth Plot (LTE Band 12/17 - 10MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	element PART 27 MEASUREMENT REPORT		
Test Report S/N:	Test Dates:	EUT Type:	Dogo 45 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 45 of 351	
			\/2 2 09/07/2023	



Cente →→ Trig:	er Freq: 707.500000 MHz Free Run Avg Hold	Radio : 100/100	Std: None	Trace/Detector
#IFGain:Low #Atte	n. 30 dB	Radio	Device: B13	
				Clear Write
an man and a second	man have been house and			
	Y			Average
		WWWWWW www	-tommontonio	
				Max Hold
#	≠VBW 750 kHz			Min Hold
h	Total Power	31.4 dBm	1	
9960 MHz				Detector Peak▶
-8.063 kHz	% of OBW Powe	er 99.00 %	,	Auto <u>Man</u>
10.10 MHz	x dB	-26.00 dE	3	
	HFGain:Low Trig: #IFGain:Low #Atte	CORREC SENSE:INT Center Freq: 707.500000 MHz Trig: Free Run AvgiHold #FGain:Low #Atten: 36 dB #U #VBW 750 kHz #VBW 750 kHz h Total Power 9960 MHz -8.063 kHz % of OBW Power	CORREC SENSE:INT ALIGN AUTO 04:01 #IFGain:Low Center Freq: 707.500000 MHz Avg Hold: 100/100 Radio #IFGain:Low #Atten: 36 dB Avg Hold: 100/100 Radio #IFGain:Low #IFGain:Low #IFGain:Low Radio	CORREC SENSE:INT ALIGN AUTO 04:01:08 PM.Dec 09, 2023 Center Freq: 707.500000 MHz Radio Std: None #IFGain:Low #Atten: 36 dB Radio Std: None #Atten: 36 dB Radio Std: None Radio Device: BTS Radio Device: BTS Radio Device: BTS Span 25.00 MHz Span 25.00 MHz Sweep 1 ms h Total Power 31.4 dBm 9960 MHz -8.063 kHz % of OBW Power 99.00 %

Plot 7-55. Occupied Bandwidth Plot (LTE Band 12/17 - 10MHz 64-QAM - Full RB)

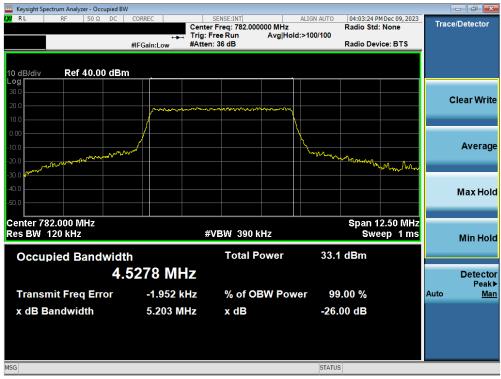


Plot 7-56. Occupied Bandwidth Plot (LTE Band 12/17 - 10MHz 256-QAM - Full RB)

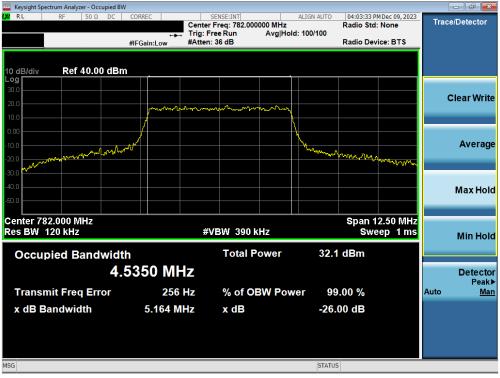
FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dogo 46 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 46 of 351	
			V2 2 09/07/2023	



LTE Band 13



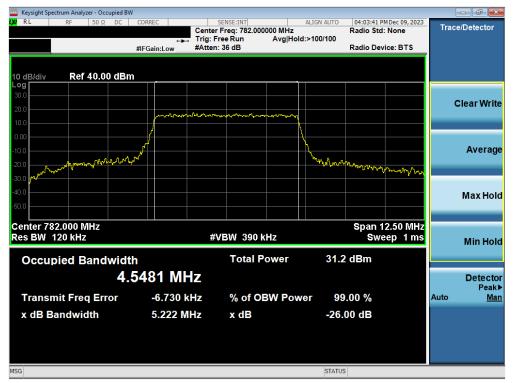
Plot 7-57. Occupied Bandwidth Plot (LTE Band 13 - 5MHz QPSK - Full RB)



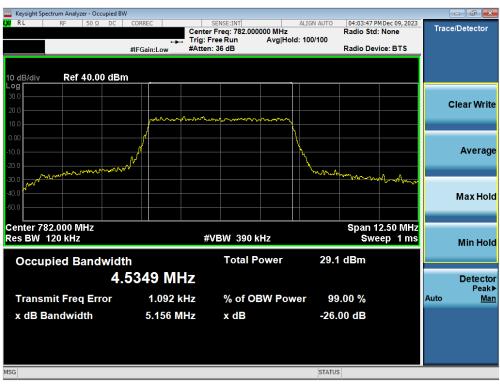
Plot 7-58. Occupied Bandwidth Plot (LTE Band 13 - 5MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 47 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 47 01 351
			V2.2 09/07/2023





Plot 7-59. Occupied Bandwidth Plot (LTE Band 13 - 5MHz 64-QAM - Full RB)



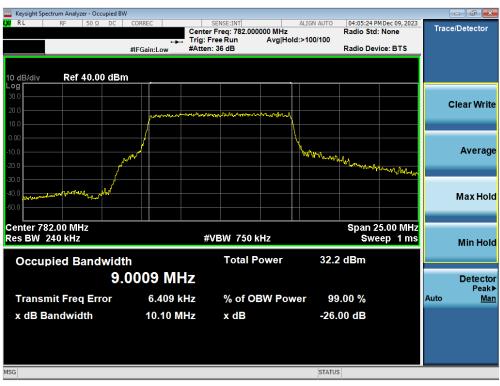
Plot 7-60. Occupied Bandwidth Plot (LTE Band 13 - 5MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 48 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 40 01 551
<u>-</u>	-	·	V2.2 09/07/2023



Keysight Spectrum Analyzer - Occupied BW					
ΙΧΙ RL RF 50 Ω DC	CORREC	SENSE:INT Center Freq: 782.000 Trig: Free Run	ALIGN AUTO 0000 MHz Avg Hold: 100/100	04:05:18 PM Dec 09, 2023 Radio Std: None	Trace/Detector
	#IFGain:Low	#Atten: 36 dB		Radio Device: BTS	
10 dB/div Ref 40.00 dBm Log	<u> </u>				
30.0					
20.0	ponteriorma	and the second	monum		Clear Write
10.0					
0.00					
-10.0	-MV		home	have the set of	Average
-20.0					
-40.0					
-50.0					Max Hold
Center 782.00 MHz Res BW 240 kHz		#VBW 7501	(Hz	Span 25.00 MHz Sweep 1 ms	Min Hold
		Total P		2 dBm	MIII HOIG
Occupied Bandwidt			ower 34.	2 abm	
9.0	0134 M⊦	IZ			Detector Peak▶
Transmit Freq Error	9.079 k	Hz % of O	BW Power 99	9.00 %	Auto <u>Man</u>
x dB Bandwidth	10.22 M	Hz x dB	-26	.00 dB	
MSG			STATU	S	

Plot 7-61. Occupied Bandwidth Plot (LTE Band 13 - 10MHz QPSK - Full RB)



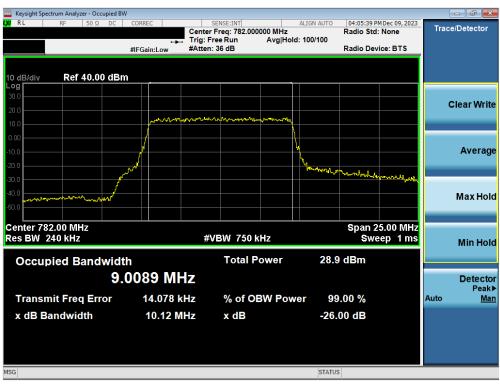
Plot 7-62. Occupied Bandwidth Plot (LTE Band 13 - 10MHz 16-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 49 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 49 01 551
			V2.2 09/07/2023





Plot 7-63. Occupied Bandwidth Plot (LTE Band 13 - 10MHz 64-QAM - Full RB)

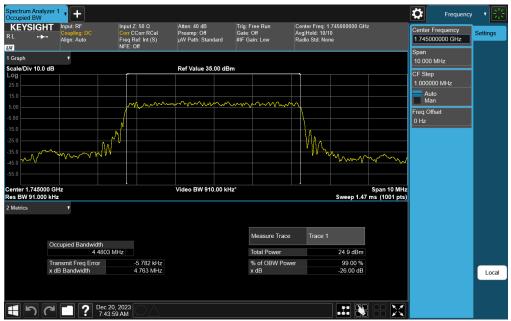


Plot 7-64. Occupied Bandwidth Plot (LTE Band 13 - 10MHz 256-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 50 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 50 01 551
			\/2 2 09/07/2023



NR Band n66



Plot 7-65. Occupied Bandwidth Plot (NR Band n66 - 5.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



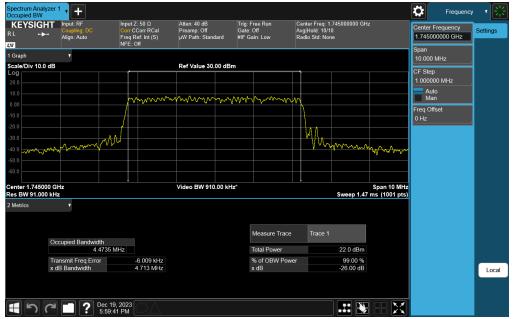
Plot 7-66. Occupied Bandwidth Plot (NR Band n66 - 5.0MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 51 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 51 01 551
			\/2 2 09/07/2023





Plot 7-67. Occupied Bandwidth Plot (NR Band n66 - 5.0MHz CP-OFDM 16QAM - Full RB)



Plot 7-68. Occupied Bandwidth Plot (NR Band n66 - 5.0MHz CP-OFDM 64QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 52 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 52 01 551
		·	V2 2 09/07/2023





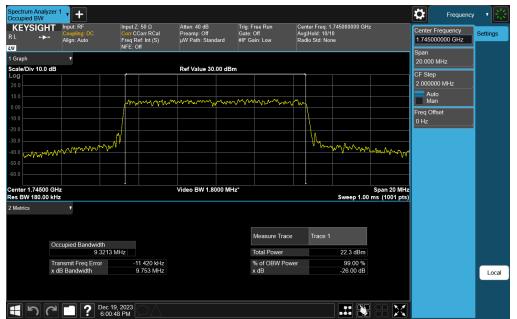
Plot 7-69. Occupied Bandwidth Plot (NR Band n66 - 5.0MHz CP-OFDM 256QAM - Full RB)



Plot 7-70. Occupied Bandwidth Plot (NR Band n66 - 10.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 53 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 55 01 551
		·	V/2 2 09/07/2023





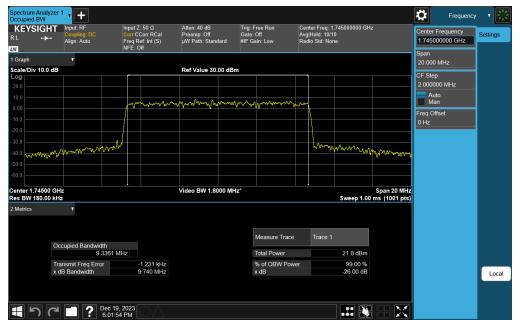
Plot 7-71. Occupied Bandwidth Plot (NR Band n66 - 10.0MHz CP-OFDM QPSK - Full RB)



Plot 7-72. Occupied Bandwidth Plot (NR Band n66 - 10.0MHz CP-OFDM 16QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 54 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 54 01 551
	•	·	V/2 2 09/07/2023





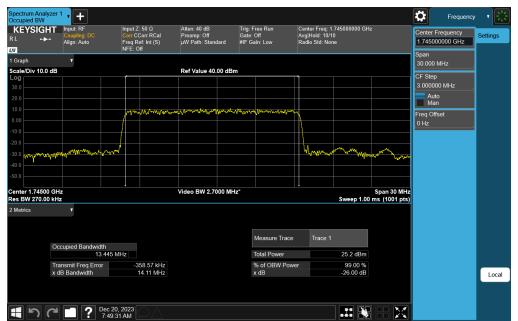
Plot 7-73. Occupied Bandwidth Plot (NR Band n66 - 10.0MHz CP-OFDM 64QAM - Full RB)



Plot 7-74. Occupied Bandwidth Plot (NR Band n66 - 10.0MHz CP-OFDM 256QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 55 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 55 01 551
	•	•	1/2 2 09/07/2023





Plot 7-75. Occupied Bandwidth Plot (NR Band n66 - 15.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



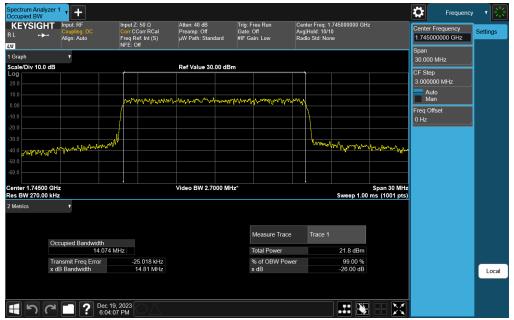
Plot 7-76. Occupied Bandwidth Plot (NR Band n66 - 15.0MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 56 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 50 01 551
		·	V2 2 09/07/2023



KEYSIGH ∷L +► ₪	Coupling: DC	Input Z: 5 Corr CCo Freq Ref NFE: Off	rr RCal Int (S)	Atten: 40 dB Preamp: Off μW Path: Stan	Gat	g: Free Run te: Off Gain: Low	Avgl	er Freq: 1 Hold: 10/1 o Std: Nor		:	Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	T dR			Ref Value 30.	00 dBm						Span 30.000 MHz	
pg				Rei Value 30.							CF Step 3.000000 MHz	
) and shared a	hannama		0					Auto Man	
			utri Ardin e M	Anne A. Orlectur		WAA MUKAO M					Freq Offset 0 Hz	
		1						Imm	www.www.			
0.0 .0	withnews									NWVVVVV		
				Video BW 2.70						Span 30 MHz		
				VIDEO DVV 2./					Sweep 1.00	ms (1001 pts)		
										1113 (1001 pt3)		
s BW 270.00												
s BW 270.00	kHz Y					Measure Tra	ce	Trace 1		<u></u>		
s BW 270.00	kHz	2 MHz				Measure Tra	ce	Trace 1	22.4 dBm	ins (1001 pts)		
s BW 270.00	kHz v Occupied Bandwidth	-3.	839 kHz .77 MHz					Trace 1		<u></u>		Local
enter 1.74500 Is BW 270.00 Metrics	kHz V Occupied Bandwidth 14.10: Transmit Freq Error	-3.				Total Power % of OBW P		Trace 1	22.4 dBm 99.00 %	<u></u>		Local

Plot 7-77. Occupied Bandwidth Plot (NR Band n66 - 15.0MHz CP-OFDM 16QAM - Full RB)



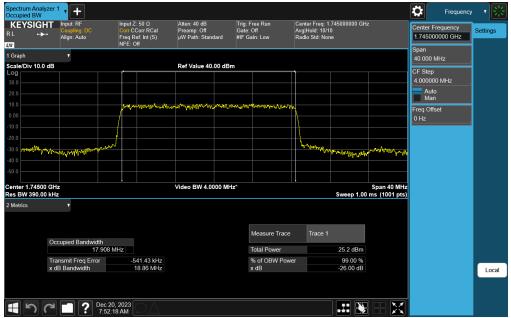
Plot 7-78. Occupied Bandwidth Plot (NR Band n66 - 15.0MHz CP-OFDM 64QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 57 of 351
		·	V2 2 09/07/2023





Plot 7-79. Occupied Bandwidth Plot (NR Band n66 - 15.0MHz CP-OFDM 256QAM - Full RB)



Plot 7-80. Occupied Bandwidth Plot (NR Band n66 - 20.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 58 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 56 01 551
			V/2 2 09/07/2023



. +)	HT Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off µW Path: Standard	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 1 Avg Hold: 10/1 Radio Std: Nor		Center Frequency 1.745000000 GHz Span	Settings
Graph ale/Div 10.0	Y		Ref Value 30.00 d	D			40.000 MHz	
ale/Div 10.0	D dB		Ref Value 30.00 d	Bm			CF Step	I ,
0.0							4.000000 MHz	
00		mound	mond was allowed	www.how	wowwally		Man	
							Freq Offset 0 Hz	
0.0	from the magnet of the second stranger	vt/			hyperton	monder have abertown	Mm	
.0 topol()topol								
nter 1.7450			Video BW 4.0000 P	MHz*			40 MHz	
s BW 390.0 Aetrics	10 kHz v					Sweep 1.00 ms (10	01 pts)	
				Measure Tr	ace Trace 1			
	Occupied Bandwidth 18.973	MHz		Total Power		22.4 dBm		
	Transmit Freq Error x dB Bandwidth	59.709 kHz 19.92 MHz		% of OBW F	Power	99.00 %		
				x dB		-26.00 dB		Loca

Plot 7-81. Occupied Bandwidth Plot (NR Band n66 - 20.0MHz CP-OFDM QPSK - Full RB)



Plot 7-82. Occupied Bandwidth Plot (NR Band n66 - 20.0MHz CP-OFDM 16QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 59 of 351
		·	V2 2 09/07/2023



KEYSIGI ∟ → 1	Coupling: DC	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off µW Path: Standard	Trig: Free Run Gate: Off #IF Gain: Low	Avg Hol	Freq: 1.745000000 C Id: 10/10 Std: None	βHz	Center Frequency 1.745000000 GHz	Settings
Graph cale/Div 10.0	T D dB		Ref Value 30.00 di	3				Span 40.000 MHz	
								CF Step 4.000000 MHz	
								Auto Man	
			windowydynanytyda	an da tana tana ang ang ang ang ang ang ang ang ang	www.			Freq Offset 0 Hz	
0.0 0.0 0.0	when all marter and and the	MA				militariana	mannappen		
enter 1.7450 es BW 390.0			Video BW 4.0000 N	lHz*		Sweep 1.	Span 40 MHz 00 ms (1001 pts)		
Metrics	•						_		
				Measure Tr	ace Tr	race 1			
	Occupied Bandwidth 18.948	MHz		Total Power		21.7 dBr	n		
	Transmit Freq Error x dB Bandwidth	20.401 kHz 19.92 MHz		% of OBW F x dB	Power	99.00 % -26.00 dt			Loca

Plot 7-83. Occupied Bandwidth Plot (NR Band n66 - 20.0MHz CP-OFDM 64QAM - Full RB)



Plot 7-84. Occupied Bandwidth Plot (NR Band n66 - 20.0MHz CP-OFDM 256QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates: EUT Type:		Page 60 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 60 01 331
			V2 2 09/07/2023





Plot 7-85. Occupied Bandwidth Plot (NR Band n66 - 25.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



Plot 7-86. Occupied Bandwidth Plot (NR Band n66 - 25.0MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 61 of 351
		·	V2 2 09/07/2023



KEYSIGH ⊥ ↔ 1	Coupling: DC	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off µW Path: Standa	Trig: Free Run Gate: Off rd #IF Gain: Low	Center Fre Avg Hold: Radio Std			Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	T		Ref Value 30.0	0.48				50.000 MHz	
og			Rer value 30.0					CF Step 5.000000 MHz	
								Auto	
		promponed	Meryanapoliticon	wayn ward	money			Man Freq Offset	
								0 Hz	
0.0					. Wi	Whater			
0.0 mmmmp	water man water and	<u>, 10</u>				whether when the second	when we when we		
nter 1.74500			Video BW 5.000	0 MHz*		Sweep 1.00 n	Span 50 MHz ns (1001 pts)		
s BW 470.00	T								
s BW 470.00	۲			Measure Tra	ace Trac	e 1			
s BW 470.00		MHz		Measure Tra Total Power	ace Trac	ze 1 22.4 dBm			
s BW 470.00	Occupied Bandwidth 23 752 Transmit Freq Error	31.783 kHz		Total Power % of OBW F		22.4 dBm 99.00 %			
Hetrics	Occupied Bandwidth 23.752			Total Power		22.4 dBm			Loca

Plot 7-87. Occupied Bandwidth Plot (NR Band n66 - 25.0MHz CP-OFDM 16QAM - Full RB)



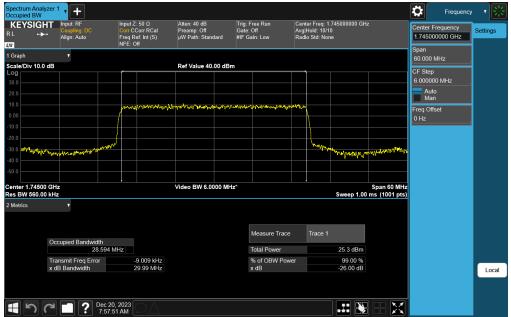
Plot 7-88. Occupied Bandwidth Plot (NR Band n66 - 25.0MHz CP-OFDM 64QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 62 of 351
		·	V2 2 09/07/2023



KEYSIGI ∟ ↔ 1	Coupling: DC	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off μW Path: Stand	Trig: Free Run Gate: Off ard #IF Gain: Low	Avg H	er Freq: 1.74500 Iold: 10/10 Std: None	0000 GHz	Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	T		Ref Value 30.0					50.000 MHz	
og			Ref value 50.0					CF Step 5.000000 MHz	1
								Auto Man	
		- /	alver and a second second second second	<u>innpression Managara</u> na	manna			Freq Offset 0 Hz	
D.0	, which and a straight for the rest of the rest of the	w				malan	Windows		
).0 <mark>//./././/./////</mark>).0	V 101 - 11								
nter 1.7450 s BW 470.0			Video BW 5.00	00 MHz*		Swe	Span 50 MH eep 1.00 ms (1001 pt		
Netrics	Y								
	Occupied Bandwidth			Measure T	race	Trace 1			
	23.793	MHz		Total Powe	er	19	.0 dBm		
	Transmit Freq Error x dB Bandwidth	30.997 kHz 24.97 MHz		% of OBW x dB	Power		9.00 % 6.00 dB		Loca

Plot 7-89. Occupied Bandwidth Plot (NR Band n66 - 25.0MHz CP-OFDM 256QAM - Full RB)



Plot 7-90. Occupied Bandwidth Plot (NR Band n66 - 30.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 63 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 03 01 351
		·	V/2 2 09/07/2023



KEYSIGH	Coupling: DC	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off μW Path: Standard	Trig: Free Run Gate: Off #IF Gain: Low	Avgi	ter Freq: 1 Hold: 10/1 io Std: No			Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	T		Ref Value 30.00 dE	·					60.000 MHz	
og			Ref Value 30.00 dE	om					CF Step 6.000000 MHz	1
0.0									Auto	
		- holiman per alla	mhaliphingrammer	washing to a second	produce				Man Freq Offset	
0.0						1			0 Hz	
	math obtain					hope	and the second	Maistana ata		
	martinet and a start with							ann nann Sela		
0.0										
nter 1.74500) GHz		Video BW 6.0000 M	Hz*				Span 60 MHz		
s BW 560.00							Sweep 1.00	ms (1001 pts)		
Vetrics	Ŧ									
				Measure Tr	ace	Trace 1				
	Occupied Bandwidth	MUZ		Total Power			22.5 dBm			
	28.569			% of OBW F	Power		99.00 %			
	28.569 Transmit Freq Error	-63.200 kHz					-26 00 dB			1
	28.569			x dB			-26.00 dB			Loca

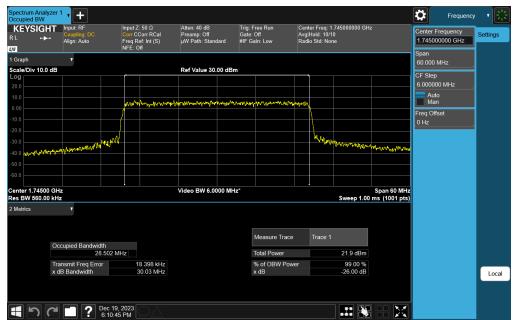
Plot 7-91. Occupied Bandwidth Plot (NR Band n66 - 30.0MHz CP-OFDM QPSK - Full RB)



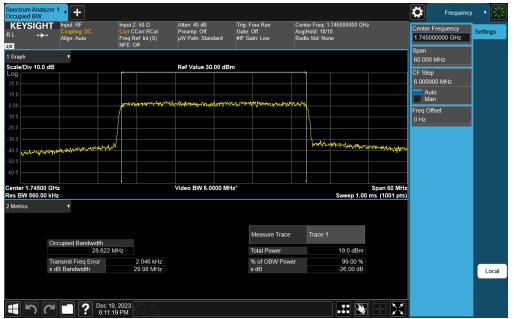
Plot 7-92. Occupied Bandwidth Plot (NR Band n66 - 30.0MHz CP-OFDM 16QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 64 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 04 01 551	
	*	•	1/2 2 09/07/2023	





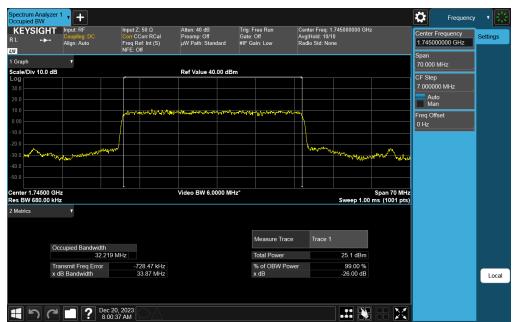
Plot 7-93. Occupied Bandwidth Plot (NR Band n66 - 30.0MHz CP-OFDM 64QAM - Full RB)



Plot 7-94. Occupied Bandwidth Plot (NR Band n66 - 30.0MHz CP-OFDM 256QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 65 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 05 01 551	
			1/2 2 09/07/2023	





Plot 7-95. Occupied Bandwidth Plot (NR Band n66 - 35.0MHz DFT-s-OFDM π/2 BPSK - Full RB)



Plot 7-96. Occupied Bandwidth Plot (NR Band n66 - 35.0MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2903	element)	element PART 27 MEASUREMENT REPORT	
Test Report S/N:	Test Dates:	EUT Type:	Page 66 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 66 01 551
			V2 2 09/07/2023



KEYSIGH ∷L +► ₪	Coupling: DC		t Ζ:50 Ω CCorr RCal Ref:Int (S) : Off	Atten: 40 dB Preamp: Off µW Path: Stand		irig: Free Run Gate: Off IF Gain: Low	Avgi	er Freq: 1. Hold: 10/1 o Std: Nor			Center Fre		Settings
Graph cale/Div 10.0	10			Ref Value 30.	00 JD						Span 70.000 MI	Hz	
.og		- í		Ref Value 30.	UU dBm						CF Step 7.000000		
10.0											7.000000	MHZ	
0.00		m	www.www.	balanan manana mana Manana manana mana ma	en al andres	and the superstanding	hherewood	1			Man Man		
								\			Freq Offse 0 Hz	t	
20.0		h						J.	MA				1
0.0 10 10	on male of the laboration	YM						,		Whenmontheater			
enter 1.74500 es BW 680.00		•		Video BW 6.00	000 MHz*			•	Sween 1 00	Span 70 MHz ms (1001 pts)			
Metrics	Ţ												
						Measure Tra	ce	Trace 1					
	Occupied Bandwidth												
	33.61 Transmit Freg Error	8 MHz	31.428 kHz			Total Power % of OBW P	owor		22.5 dBm 99.00 %				
	x dB Bandwidth		35.33 MHz			x dB	ower		-26.00 dB				Loca

Plot 7-97. Occupied Bandwidth Plot (NR Band n66 - 35.0MHz CP-OFDM 16QAM - Full RB)



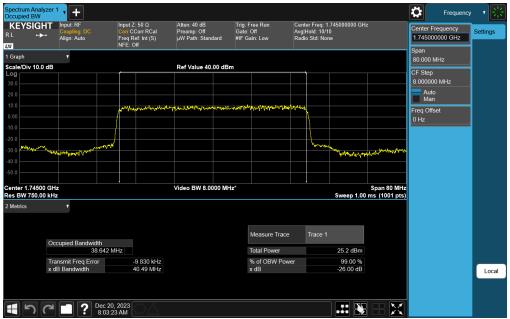
Plot 7-98. Occupied Bandwidth Plot (NR Band n66 - 35.0MHz CP-OFDM 64QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 67 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 07 01 351
		·	V2 2 09/07/2023



L ↔	HT Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off μW Path: Standard	Trig: Free Run Gate: Off #IF Gain: Low	Avg H	er Freq: 1.74500 Iold: 10/10 • Std: None	0000 GHz	Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	T A B		Ref Value 30.00 dE	im				70.000 MHz	
			Kei value 30.00 dL					CF Step 7.000000 MHz	
								Auto Man	
			ᠰᢛᡣᡏᠬᢣᡬᡁᡧᠱᡁᠬᢇᠯᠬᢛᠮᡧᡔᡟᢔ	hyiniyayet/ky/Prow.Juningayet	AND WALL			Freq Offset 0 Hz	
D.0 D.0	and a construction of the					mann	manymore		
).0 <mark>***********</mark>).0	Alexand Maritzania 1								
nter 1.7450			Video BW 6.0000 M	Hz*		Swe	Span 70 M eep 1.00 ms (1001 p		
Netrics	,								
				Measure Tra	ice	Trace 1			
	Occupied Bandwidth 33,726	MHz		Total Power		19	0 dBm		
				% of OBW P	ower		9.00 %		
	Transmit Freq Error x dB Bandwidth	-29.301 kHz 35.26 MHz		x dB		-26	6.00 dB		Loca

Plot 7-99. Occupied Bandwidth Plot (NR Band n66 - 35.0MHz CP-OFDM 256QAM - Full RB)



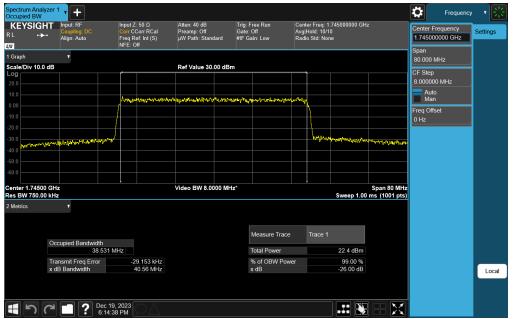
Plot 7-100. Occupied Bandwidth Plot (NR Band n66 - 40.0MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 68 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage to 01 331	
		·	V2 2 09/07/2023	



KEYSIGI ⊥ ↔ 1	Coupling: DC	Input Z: 5 Corr CCo Freq Ref NFE: Off	rr RCal	Atten: 40 dB Preamp: Off μW Path: Stan		rig: Free Run iate: Off IF Gain: Low	Avgi	er Freq: 1 Hold: 10/1 o Std: Nor		z	Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	T III			Ref Value 30	00 dB						80.000 MHz	
				Rei Value 30	oo abiii						CF Step 8.000000 MHz	
											Auto	
		1 million	h. yh r Llafferdin di	or and the second s	hundenskyn	ready and subject	waterstand	\			Man Freq Offset	
0.0											0 Hz	
	Martin Marthan Martin Martin	~						hun	and the states of the second	an monoral day		
).0).0												
nter 1.7450				Video BW 8.0	000 MHz*					Span 80 MHz		
es BW 750.0 Metrics	v KHZ								Sweep 1.00	ms (1001 pts)		
	Occupied Bandwidth					Measure Tra	ce	Trace 1				
	38.59	6 MHz				Total Power			22.4 dBm			
	Transmit Freq Error x dB Bandwidth		802 kHz .55 MHz			% of OBW P x dB	ower		99.00 % -26.00 dB			Loca

Plot 7-101. Occupied Bandwidth Plot (NR Band n66 - 40.0MHz CP-OFDM QPSK - Full RB)



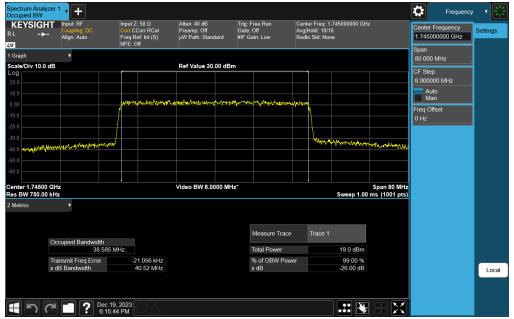
Plot 7-102. Occupied Bandwidth Plot (NR Band n66 - 40.0MHz CP-OFDM 16QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Dago CO of 251
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 69 of 351
L	·		V2.2 09/07/2023



KEYSIGI ≀L ↔	Coupling: DC	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 40 dB Preamp: Off µW Path: Standa	Trig: Free Run Gate: Off ard #IF Gain: Low	Center Free Avg Hold: 1 Radio Std: I			Center Frequency 1.745000000 GHz Span	Settings
Graph cale/Div 10.0	₹ DdB		Ref Value 30.0	00 dBm				80.000 MHz	
								CF Step 8.000000 MHz	
		and with a shaddard	water the strength of	Mylynnama	and the she			Auto Man	
								Freq Offset 0 Hz	
20.0 30.0	no vales version of a vales of the	en l				have and added and	yman ar		
40.0 50.0 60.0									
enter 1.7450 es BW 750.0			Video BW 8.00	00 MHz*		Sweep 1.00	Span 80 MHz ms (1001 pts)		
Metrics	v					<u> </u>			
	Occupied Bandwidth			Measure Tr	ace Trace	:1			
		6 MHz		Total Power		21.9 dBm			
	Transmit Freq Error x dB Bandwidth	-47.410 kHz 40.41 MHz		% of OBW I x dB	Power	99.00 % -26.00 dB			Loca
									LOCA

Plot 7-103. Occupied Bandwidth Plot (NR Band n66 - 40.0MHz CP-OFDM 64QAM - Full RB)



Plot 7-104. Occupied Bandwidth Plot (NR Band n66 - 40.0MHz CP-OFDM 256QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 70 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 70 01 351
			V/2 2 09/07/2023



NR Band n70



Plot 7-105. Occupied Bandwidth Plot (NR Band n70 - 5MHz DFT-s-OFDM π/2 BPSK - Full RB)



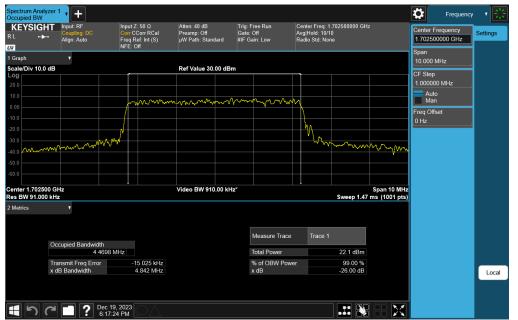
Plot 7-106. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM QPSK - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 71 of 351
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage / 1 01 351
		-	V2 2 09/07/2023





Plot 7-107. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM 16-QAM - Full RB)



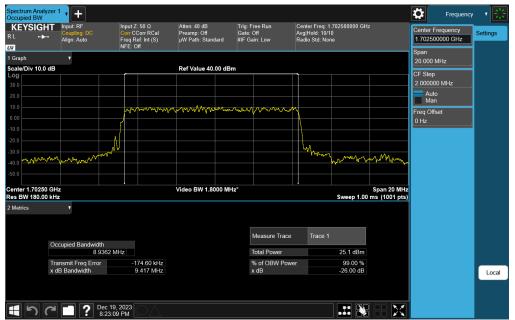
Plot 7-108. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM 64-QAM - Full RB)

FCC ID: BCGA2903	element	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 72 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device		
,			\/2 2 09/07/2023	



∟ +> _	HT Input: RF Coupling: DC Align: Auto	Corr Freq	IZ: 50 Ω CCorr RCal Ref: Int (S)	Atten: 40 dB Preamp: Off μW Path: Stand	Gat	: Free Run e: Off Gain: Low	Avg	nter Freq: 1 g Hold: 10/1 dio Std: Nor		z	Center Fr 1.702500	equency 1000 GHz	Settings
Graph	•	NFE	: Off								Span 10.000 M	lHz	
ale/Div 10.0) dB			Ref Value 30.	00 dBm						CF Step		
											1.000000 Auto	MHz	
0.0		~	m	mmm	mmm	mm	m				Man		
		_/						1			Freq Offs 0 Hz	et	
								\ \			0112		
0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	-W'						Mm	mm	muhu			
.0	~~~~~									· • • • • • • • • • • • • • •			
0.0													
nter 1.7025	00.04-			Video BW 910	00 1/10=*					Span 10 MHz			
s BW 91.00				VIGEO DVV 910	.00 KH2				Sweep 1.47	ms (1001 pts)			
Metrics	۲												
	Occupied Bandwidth					Measure Trac	e	Trace 1					
	4.4614	MHz				Total Power			19.3 dBm				
	Transmit Freq Error x dB Bandwidth		-5.659 kHz 4.691 MHz			% of OBW Po x dB	wer		99.00 % -26.00 dB				
			- OST WINZ			x ub			-20.00 dB				Loca
	X dB Bandwidth												

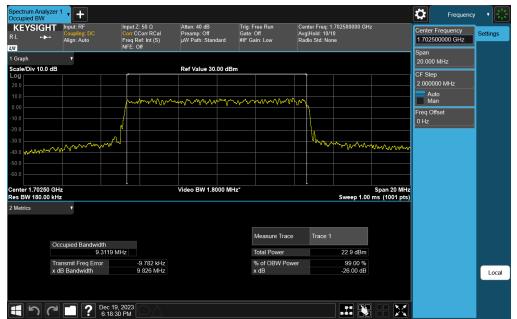
Plot 7-109. Occupied Bandwidth Plot (NR Band n70 - 5MHz CP-OFDM 256-QAM - Full RB)



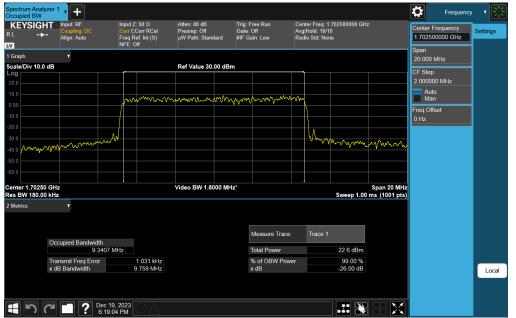
Plot 7-110. Occupied Bandwidth Plot (NR Band n70 - 10MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: BCGA2903	element 🤁	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Dega 72 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 73 of 351	
			V2 2 09/07/2023	





Plot 7-111. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM QPSK - Full RB)



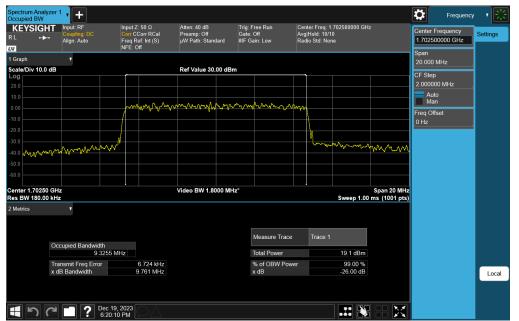
Plot 7-112. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM 16-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Page 74 of 351	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Fage 74 01 351	
			V2 2 09/07/2023	





Plot 7-113. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM 64-QAM - Full RB)



Plot 7-114. Occupied Bandwidth Plot (NR Band n70 - 10MHz CP-OFDM 256-QAM - Full RB)

FCC ID: BCGA2903	element)	PART 27 MEASUREMENT REPORT	Approved by: Technical Manager	
Test Report S/N:	Test Dates:	EUT Type:	Daga 75 of 251	
1C2311270064-09.BCG	10/1/2023 - 3/19/2024	Tablet Device	Page 75 of 351	
			V2 2 09/07/2023	