

Report No.: AAEMT/RF/250402-01-04

FCC RADIO TEST REPORT

Part 15 subpart E

FCC ID: 2AM8R-D810

Report Reference No.....: AAEMT/RF/250402-01-04

Date of issue.....: 2025-05-24

Testing Laboratory.....: AA Electro Magnetic Test Laboratory Private Limited

Address: Plot No 174, Udyog Vihar - Phase 4, Sector 18,
Gurgaon, Haryana, India

*Applicant's name: Netradyne Inc

*Address: 9171 Towne Centre Drive, Suite 110, San Diego, CA 92122

*Manufacturer.....: Netradyne Inc

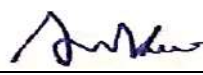
*Address: 9171 Towne Centre Drive, Suite 110, San Diego, CA 92122

*Test item description.....: Driveri

*Trade Mark:  **netradyne**

*Model/Type reference: D-810

Ratings: **Input of AC Adapter: AC 100-240V, 0.5A, 50-60Hz**
Output of AC Adapter/Input of EUT : DC 12V, 5A

Prepared By: (+ signature) Ankur Kumar 

Reviewed & Approved by: (+ signature) 
Dr. Lenin Raja (Authorized Representative) (/ lenin83/)

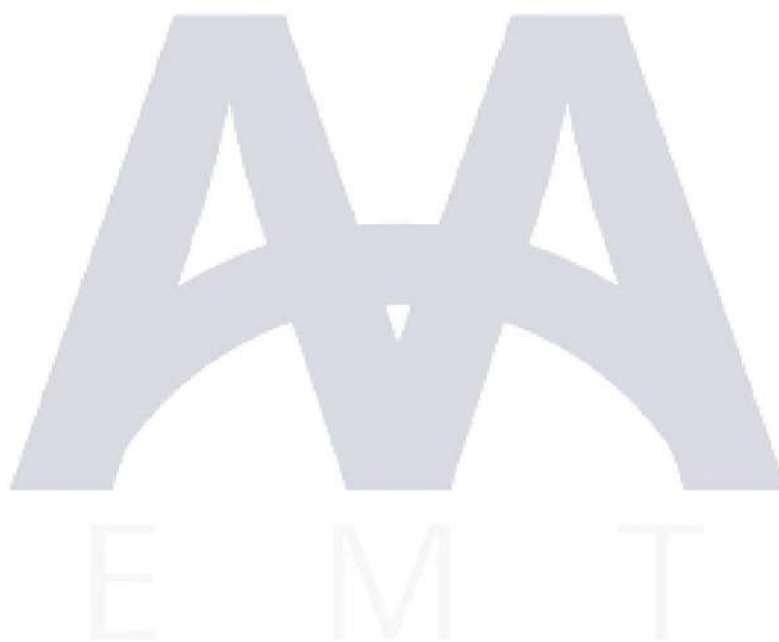
TABLE OF CONTENTS

1.	Summary of test results.....	5
2.	General test information	6
2.1.	Description of EUT	6
2.2.	Accessories of EUT	7
2.3.	Assistant equipment used for test	7
3.	Equipment's List for All Test Items	8
3.1.	Block diagram of EUT configuration for test.....	10
3.2.	Test environment conditions.....	10
3.3.	Measurement uncertainty.....	10
4.	POWER SPECTRAL DENSITY TEST	11
4.1.	Block diagram of test setup	11
4.2.	Applied procedures / limit	11
4.3.	Test Procedure	12
4.4.	Test Result:.....	13
5.	26 dB & 99% Emission Bandwidth.....	53
5.1.	Block diagram of test setup	53
5.2.	Applied procedures / limit	53
5.3.	Test Procedure	53
5.4.	Test Result	54
6.	MAXIMUM CONDUCTED OUTPUT POWER.....	124
6.1.	Test Result	125
7.	Band Edges Measurement	127
7.1.	Test Result	128
8.	RADIATED EMISSION MEASUREMENT	150
8.1.	Block diagram of test setup	150
8.2.	Limit	152
8.3.	Test Procedure	153
8.4.	Test result(Below 30MHz)	155
9.	Power Line Conducted Emission.....	187
9.1.	Block diagram of test setup	187
9.2.	Power Line Conducted Emission Limits	187
9.3.	Test Procedure	188
9.4.	Test Result	188



Report No.: AAEMT/RF/250402-01-04

10.	Conducted Spurious Emissions	191
11.	Antenna Requirements.....	236
11.1.	Limit	236
11.2.	EUT ANTENNA.....	236



Report No.: AAEMT/RF/250402-01-04

TEST REPORT DECLARE

Applicant	:	Netradyne Inc
Address	:	9171 Towne Centre Drive, Suite 110, San Diego, CA 92122
Equipment under Test	:	Driveri
Model No	:	D-810
Trade Mark	:	 netradyne
Manufacturer	:	Netradyne Inc
Address	:	9171 Towne Centre Drive, Suite 110, San Diego, CA 92122

Test Standard Used: FCC Part 15E 15.407

Test procedure used: ANSI C63.10-2013 and KDB 789033 D02 General UNII Test Procedures New Rules v02r01 .

We Declare:

The equipment described above is tested by AA Electro Magnetic Test Laboratory Private Limited and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and AA Electro Magnetic Test Laboratory Private Limited is assumed of full responsibility for the accuracy and completeness of these tests.

After test and evaluation, our opinion is that the equipment provided for test compliance with the requirement of the above FCC standards.

*Disclaimer: The * Information are provided by Manufacturer and it is verified through the Request form and Marking Label, AA Electro Magnetic Test Laboratory is not responsible for the above information accuracy.*

Report No:	AAEMT/RF/250402-01-04		
Date of Test:	Apr. 02 ~ May. 15, 2025	Date of Report:	May. 24, 2025

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of AA Electro Magnetic Test Laboratory Private Limited

1. SUMMARY OF TEST RESULTS

The EUT have been tested according to the applicable standards as referenced below.		
FCC Part15 (15.407) , Subpart E		
Description of Test Item	Standard	Results
AC Power Line Conducted Emissions	FCC §15.207/ RSS-Gen	PASS
Spurious Radiated Emissions	FCC §15.209(a), 15.407(b)	PASS
26 dB and 99% Emission Bandwidth	FCC §15.407(a)	PASS
Maximum Conducted Output Power	FCC §407(a) (1)	PASS
Band Edges	FCC §2.1051, §15.407(b)	PASS
Power Spectral Density	FCC §15.407(a)(1)	PASS
Spurious Emissions at Antenna Terminals	FCC §2.1051, §15.407(b)	PASS
Antenna Requirement	FCC §15.203	PASS

Report No.: AAEMT/RF/250402-01-04

2. GENERAL TEST INFORMATION

2.1. DESCRIPTION OF EUT

*EUT Name	: Driveri
*Model Number	: D-810
*Derivative model No.:	: D-810A, D-811
Power supply	: DC 12V, 5A
Operation frequency	WiFi: 802.11a/n(HT20)/ac(VHT20): 5180MHz~5240MHz; 5745MHz~5825MHz 802.11n(HT40)/ac(VHT40): 5190MHz~5230MHz; 5755MHz~5795MHz 802.11ac(VHT80):5210MHz; 5775MHz
Modulation	802.11a/n: BPSK/QPSK/16QAM/64QAM 802.11ac: BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM
Data Rate	802.11a:6,9,12,18,24,36,48,54Mbps; 802.11ac(VHT20):MCS0-MCS8 802.11ac(VHT40/80):MCS0-MCS11 802.11n(HT20):MCS0-MCS7; 802.11n(HT40):MCS0-MCS7;
*Antenna Type:	: Patch Antenna
*Antenna Gain:	: 5.5dBi
*H/W No.	: 125-00-00001
*S/W No.	: 15.0.5
Battery	: N/A
Date of Receipt	: Apr. 02, 2025
Condition of Sample on receipt	Good
Note:	1 .For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. 2. Antenna gain and antenna type provided by manufacturer.
Opinions and Interpretations:	: See the specific Note / Annexure if any in the whole /full report/NA

Report No.: AAEMT/RF/250402-01-04

Channel List							
802.11a/n/ac (20MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240
149	5745	153	5765	157	5785	161	5805
165	5825	--	--	--	--	--	--
802.11n/ac (40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230	151	5755	159	5795
802.11ac (80MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	-	-	-	-	155	5775

2.2. ACCESSORIES OF EUT

Description of Accessories	Shielded Type	Ferrite Core	Length
AC ADAPTER	N/A	N/A	N/A

2.3. ASSISTANT EQUIPMENT USED FOR TEST

Description of Assistant equipment	Manufacturer	Model number or Type	EMC Compliance	SN
Laptop	DELL	Latitude 3490	-	5M2Z1W2

Report No.: AAEMT/RF/250402-01-04

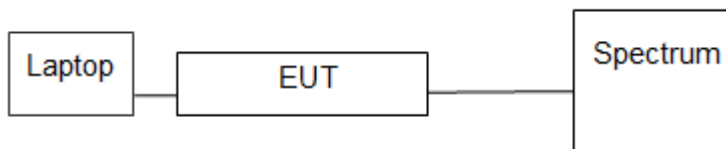
3. EQUIPMENT'S LIST FOR ALL TEST ITEMS

No	Test Equipment	Manufacturer	Model No	Serial No	Cal. Date	Cal.Due Date
1	Spectrum Analyser	R&S	FSP	-	2024/01/10	2026/01/10
2	Loop antenna	DAZE Beijing	ZN30900C	18052	2023/09/15	2026/09/15
3	Hi power horn antenna	DAZE Beijing	ZN30700	18012	2023/09/11	2026/09/10
4	MXA Signal Analyzer	KEYSIGHT	N9020A	MY53290443	2023/07/27	2025/07/27
5	Horn antenna	DAZE Beijing	ZN30703	18005	2023/09/11	2026/09/10
6	Pre-Amplifier	KELIANDA	LNA-0009295	-	2024/01/10	2026/01/10
7	Pre-Amplifier	HP	8447FOPTH64	-	2024/01/10	2026/01/10
8	Biconical Antenna	DAZE Beijing	ZN30505C	17038	2023/09/11	2026/09/10
9	EMI- Test RECEIVER	Rohde and Schwarz	ESIB26	509371	2023/06/11	2025/06/10
10	LISN	Kyoritsu	KNW-407	8-1789-5	2024/01/10	2026/01/10
11	Network – LISN	Schwarzbeck	NNBM8125	81251314	2024/01/10	2026/01/10
12	Network – LISN	Schwarzbeck	NNBM8125	81251315	2024/01/10	2026/01/10
13	PULSE LIMITER	Rohde and Schwarz	ESH3-Z2	100681	-	-
14	50Ω Coaxial Switch	DAIWA	1565157	-	-	-
15	50Ω Coaxial Switch	-	-	-	-	-
16	USB RF Power Sensor	DARE!!	RPR3006W	18I00043SN O02	2025/01/13	2026/01/12
17	USB RF Power Sensor	DARE!!	RPR3006W	18I00043SN O04	2025/01/13	2026/01/12
18	Signal Generator	KEYSIGHT	N5181A	512071	2024/01/10	2026/01/10
19	RF Vector Signal Generator	KEYSIGHT	N5182B	512094	2024/01/10	2026/01/10

Report No.: AAEMT/RF/250402-01-04

20	Spectrum analyzer	ROHDE & SCHWARZ	FSV40-N	101385	2023/04/28	2025/04/28
21	Radio Communication Tester	ROHDE &	CMW 500	124589	2023/09/08	2025/09/08
22	Signal Generator	R&S	SMP 02	837017/004	2023/09/08	2025/09/07
23	DC Regulated Power	Mettravi	RPS-3005	669076	2023/12/12	2025/12/11
24	Climatic Chamber (Environmental Chamber)	SUNRISE SCIENTIFIC	-	-	2024/11/06	2025/11/05
25	Attenuators	HP	8494B	1510A04625	2024/03/21	2026/03/21
26	Attenuators	AGILENT	8495B	MY42140429	2024/03/21	2026/03/21

3.1. BLOCK DIAGRAM OF EUT CONFIGURATION FOR TEST



3.2. TEST ENVIRONMENT CONDITIONS

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	21-25°C
Humidity range:	40-75%
Pressure range:	86-106kPa

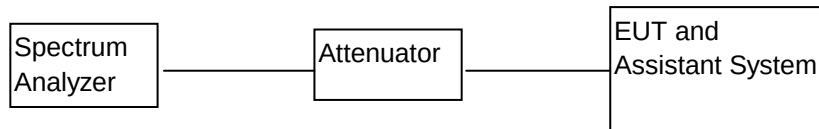
3.3. MEASUREMENT UNCERTAINTY

No.	Item	Uncertainty
1	Conducted Emission Test	2.70dB
2	Radiated Emission Test	3.09dB
3	RF power, conducted	2.46dB
4	RF power density, conducted	2.24dB
5	Spurious emissions, conducted	2.71dB
6	All emissions, radiated(<1G)	3.08dB
7	All emissions, radiated(>1G)	3.09dB

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4. POWER SPECTRAL DENSITY TEST

4.1. BLOCK DIAGRAM OF TEST SETUP



4.2. APPLIED PROCEDURES / LIMIT

According to FCC §15.407(a)(3)

For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omni directional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi..

4.3. TEST PROCEDURE

(For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.1.a).
- b) Set $VBW \geq 3$ RBW.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/RBW)$ to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10\log(1\text{MHz}/RBW)$ to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections 5.c) and 5.d) above, since RBW=100 KHz is available on nearly all spectrum analyzers.

Report No.: AAEMT/RF/250402-01-04

4.4. TEST RESULT:

Antenna 0:

CH. No.	Frequency	power density (dBm/MHz)	Limit (dBm/MHz)	Result
TX 802.11a Mode				
CH36	5180	10.26	11	Pass
CH40	5200	10.01	11	Pass
CH48	5240	9.54	11	Pass
TX 802.11n20 Mode				
CH36	5180	9.81	11	Pass
CH40	5200	10.33	11	Pass
CH48	5240	9.44	11	Pass
TX 802.11n40 Mode				
CH38	5190	8.27	11	Pass
CH46	5230	8.98	11	Pass
TX 802.11ac20 Mode				
CH36	5180	9.99	11	Pass
CH40	5200	10.60	11	Pass
CH48	5240	9.19	11	Pass
TX 802.11ac40 Mode				
CH38	5190	8.56	11	Pass
CH46	5230	8.67	11	Pass
TX 802.11ac80 Mode				
CH42	5210	5.40	11	Pass

Report No.: AAEMT/RF/250402-01-04

CH. No.	Frequency	power density (dBm/500KHz)	Limit (dBm/500KHz)	Result
TX 802.11a Mode				
CH 149	5745	9.08	30	Pass
CH 157	5785	9.23	30	Pass
CH 165	5825	10.07	30	Pass
TX 802.11n20 Mode				
CH 149	5745	9.16	30	Pass
CH 157	5785	9.66	30	Pass
CH 165	5825	9.70	30	Pass
TX 802.11n40 Mode				
CH151	5755	6.95	30	Pass
CH159	5795	5.62	30	Pass
TX 802.11ac20 Mode				
CH 149	5745	9.41	30	Pass
CH 157	5785	10.46	30	Pass
CH 165	5825	10.19	30	Pass
TX 802.11ac40 Mode				
CH151	5755	7.17	30	Pass
CH159	5795	5.89	30	Pass
TX 802.11ac80 Mode				
CH155	5775	7.27	30	Pass

Report No.: AAEMT/RF/250402-01-04

Antenna 1:

CH. No.	Frequency	power density (dBm/MHz)	Limit (dBm/MHz)	Result
TX 802.11a Mode				
CH36	5180	10.59	11	Pass
CH40	5200	10.01	11	Pass
CH48	5240	9.54	11	Pass
TX 802.11n20 Mode				
CH36	5180	10.69	11	Pass
CH40	5200	10.33	11	Pass
CH48	5240	9.44	11	Pass
TX 802.11n40 Mode				
CH38	5190	7.49	11	Pass
CH46	5230	8.53	11	Pass
TX 802.11ac20 Mode				
CH36	5180	10.77	11	Pass
CH40	5200	10.88	11	Pass
CH48	5240	9.19	11	Pass
TX 802.11ac40 Mode				
CH38	5190	7.75	11	Pass
CH46	5230	8.65	11	Pass
TX 802.11ac80 Mode				
CH42	5210	5.21	11	Pass

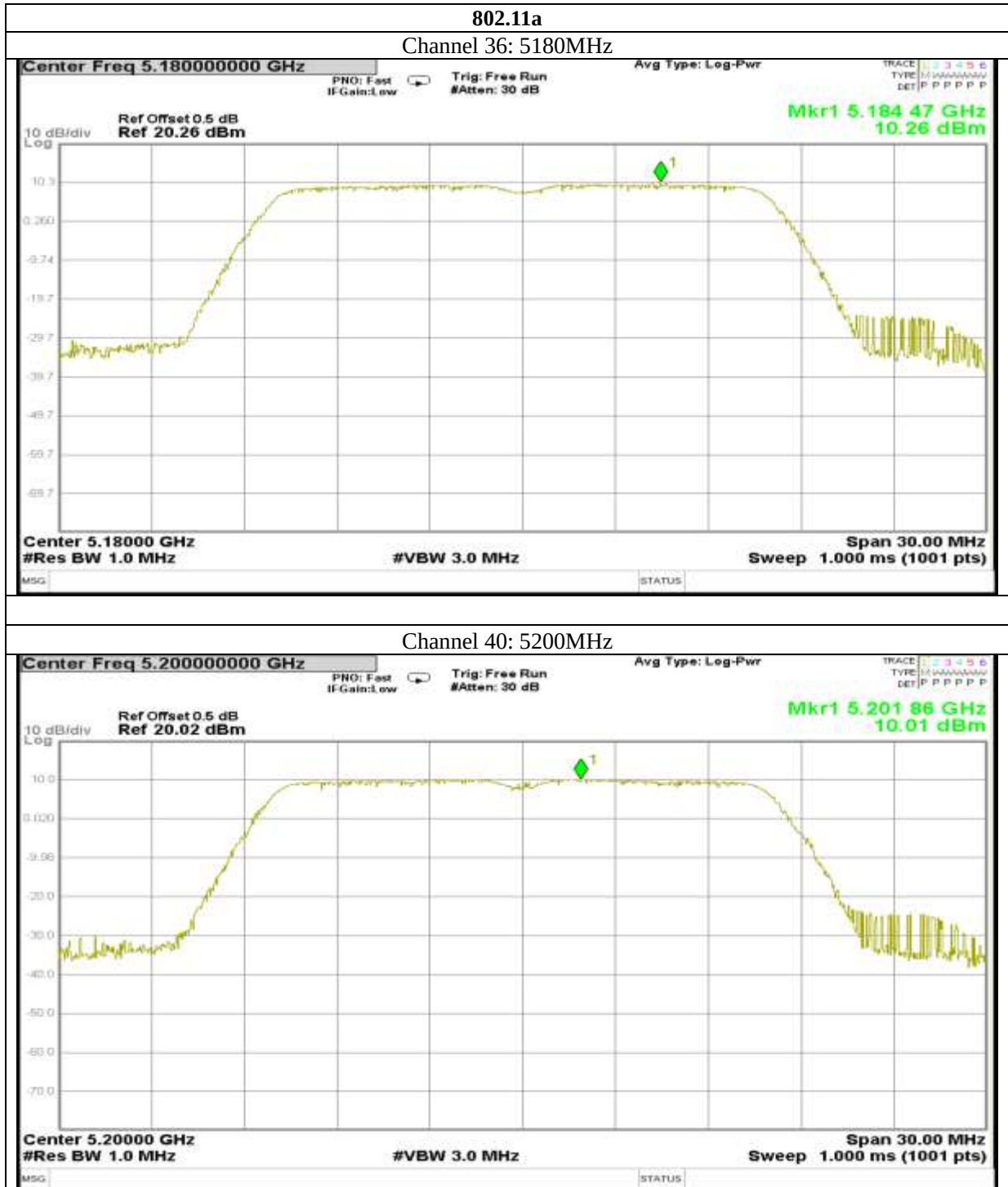
Report No.: AAEMT/RF/250402-01-04

CH. No.	Frequency	power density (dBm/500kHz)	Limit (dBm/500kHz)	Result
TX 802.11a Mode				
CH 149	5745	8.61	30	Pass
CH 157	5785	9.51	30	Pass
CH 165	5825	9.07	30	Pass
TX 802.11n20 Mode				
CH 149	5745	8.81	30	Pass
CH 157	5785	9.13	30	Pass
CH 165	5825	8.54	30	Pass
TX 802.11n40 Mode				
CH151	5755	6.19	30	Pass
CH159	5795	5.71	30	Pass
TX 802.11ac20 Mode				
CH 149	5745	9.26	30	Pass
CH 157	5785	8.87	30	Pass
CH 165	5825	8.97	30	Pass
TX 802.11ac40 Mode				
CH151	5755	6.11	30	Pass
CH159	5795	5.84	30	Pass
TX 802.11ac80 Mode				
CH155	5775	6.85	30	Pass

Report No.: AAEMT/RF/250402-01-04

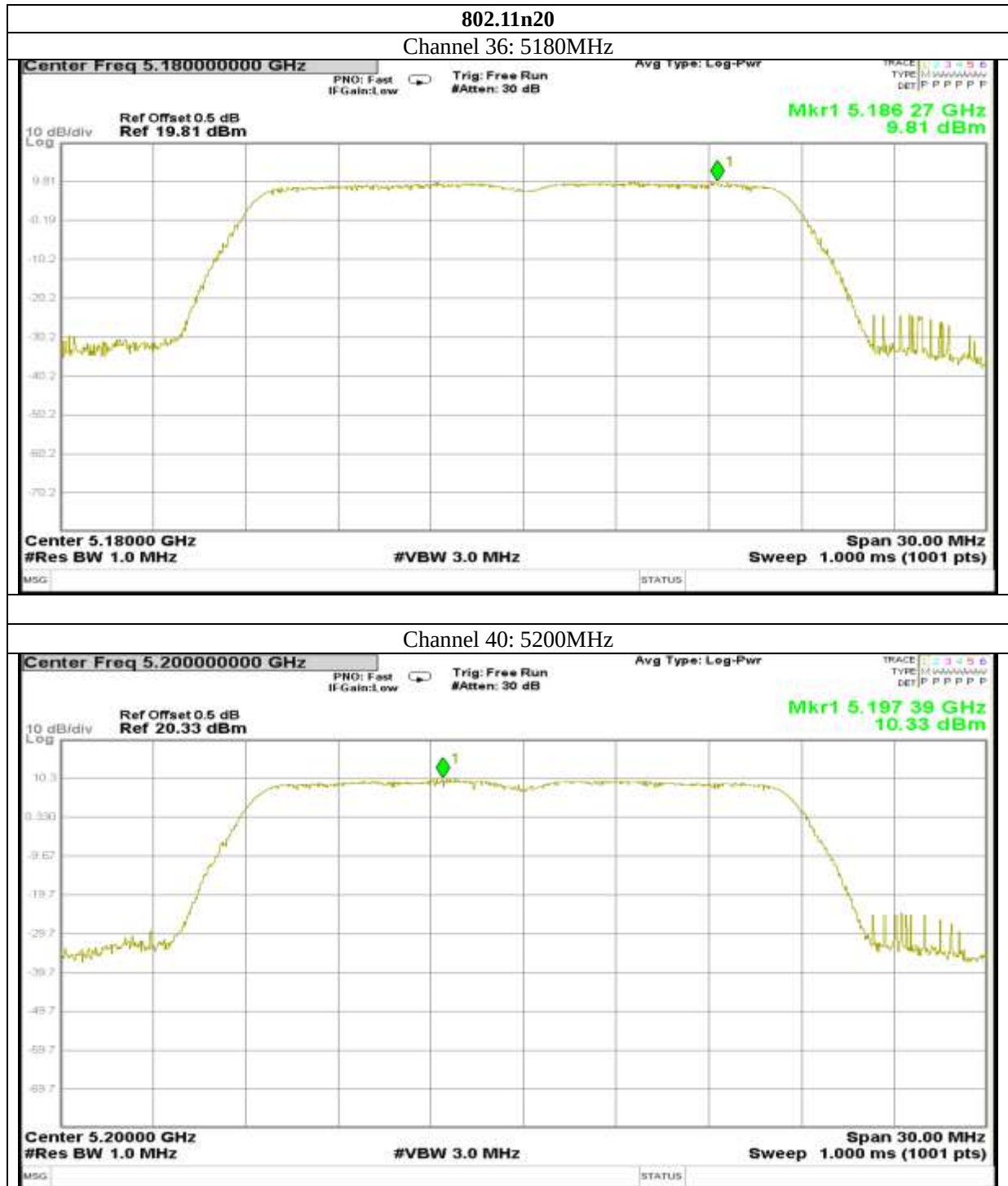
Test plots as followed

Antenna 0:



Report No.: AAEMT/RF/250402-01-04

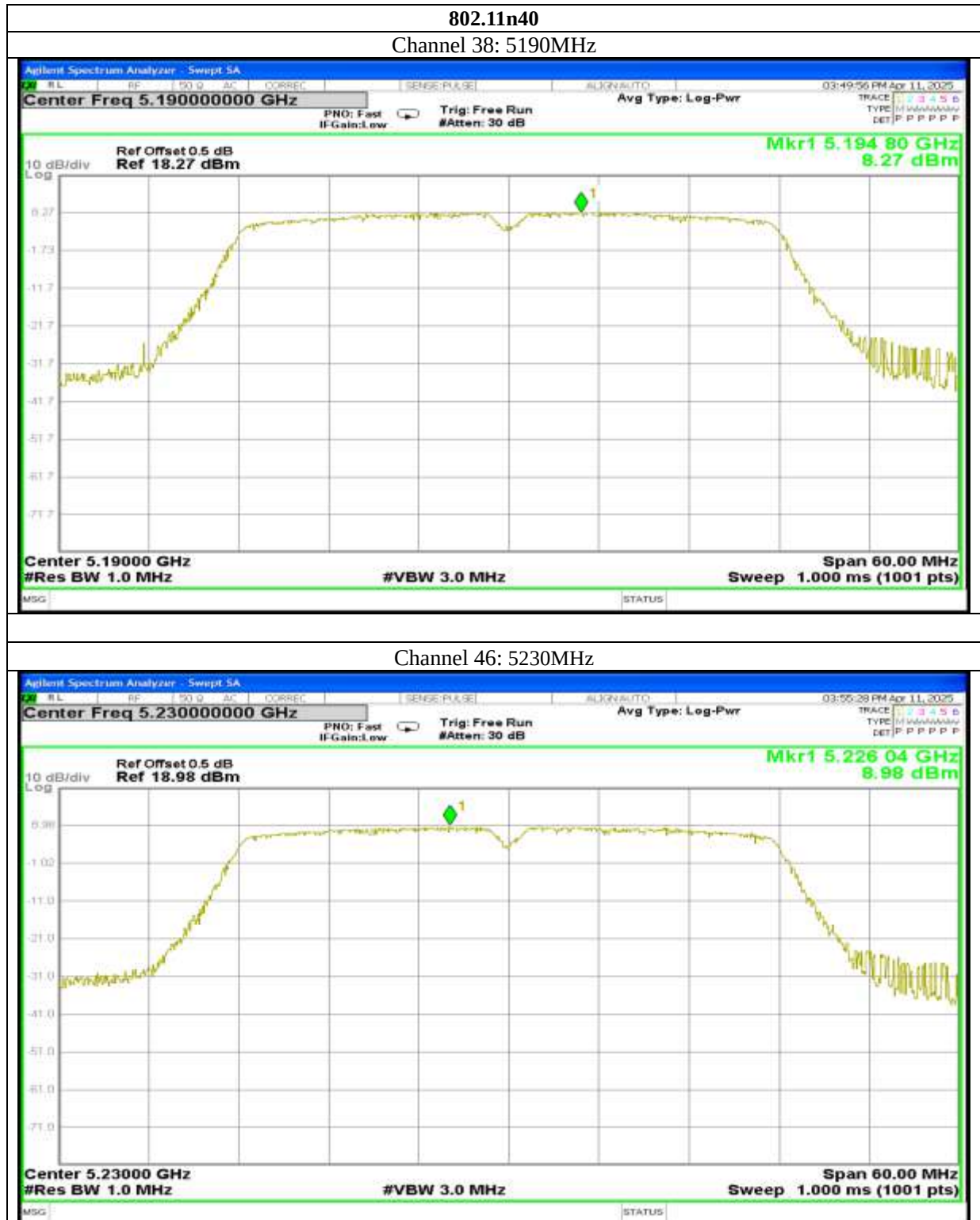




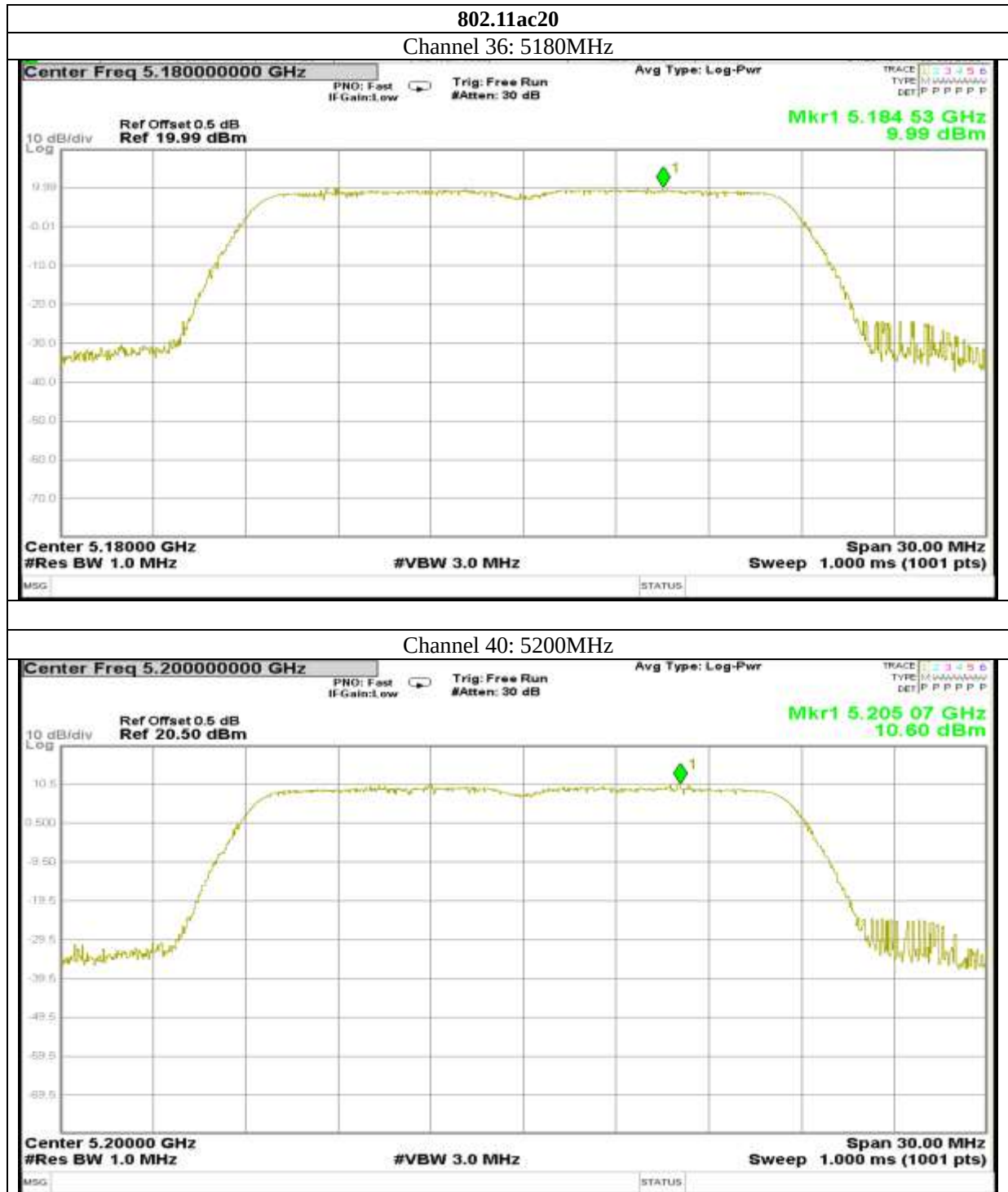
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

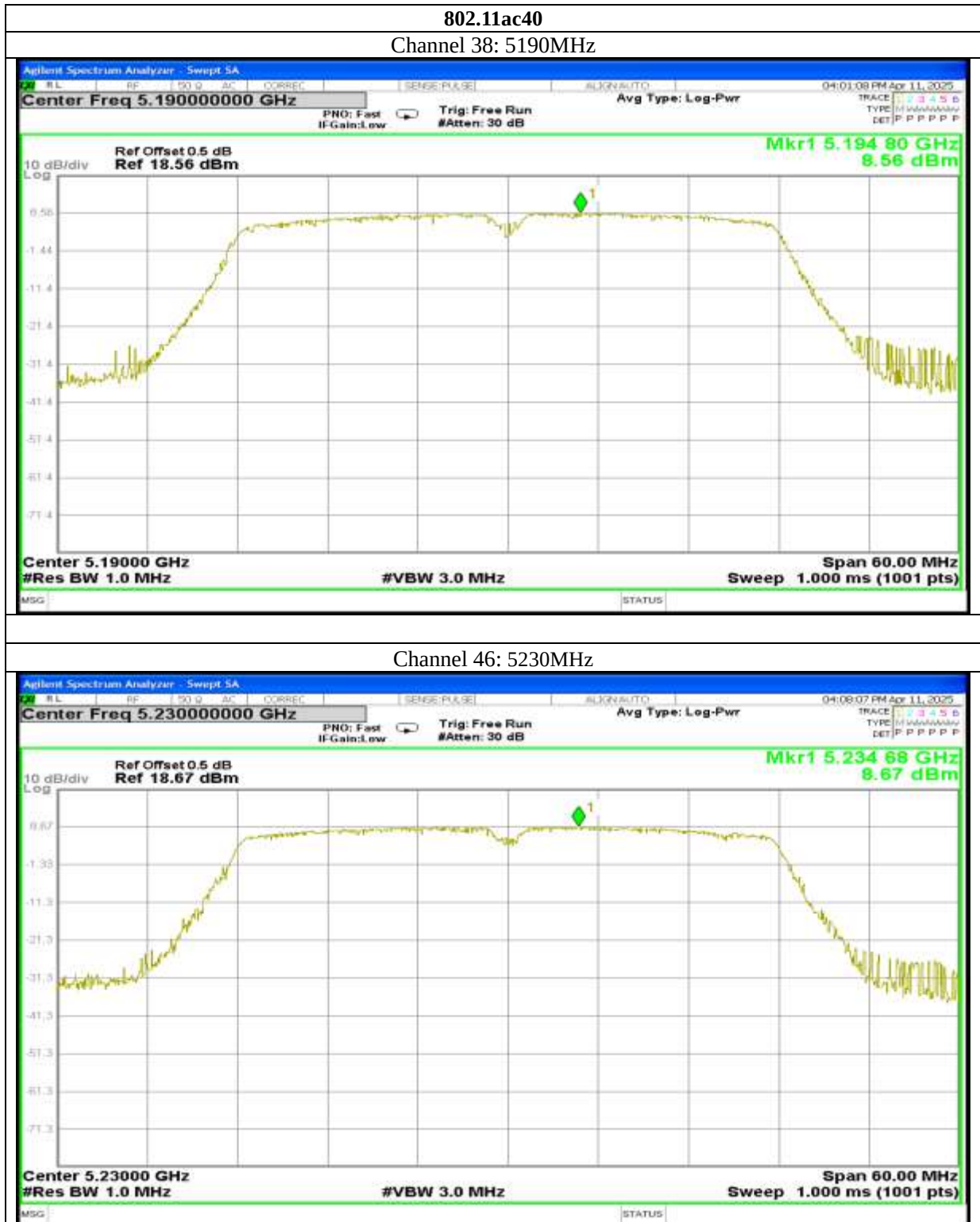


Report No.: AAEMT/RF/250402-01-04





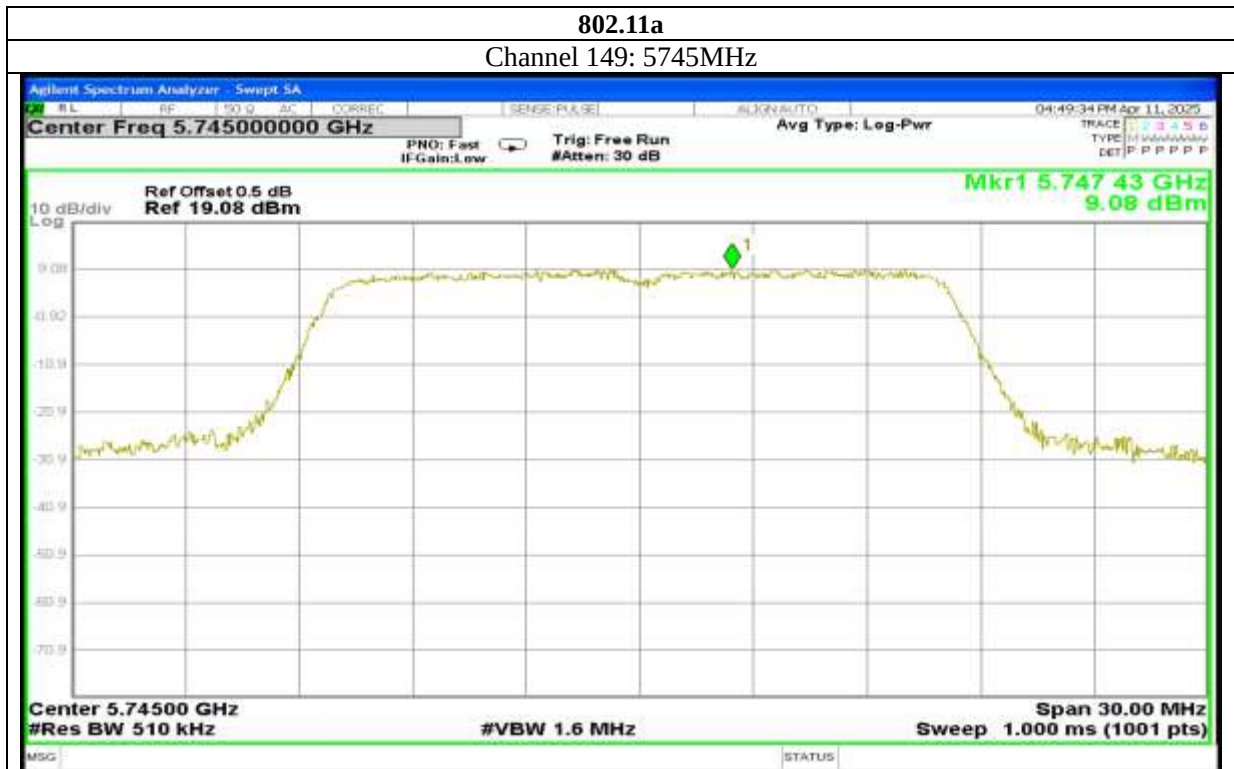
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

802.11n20

Channel 149: 5745MHz

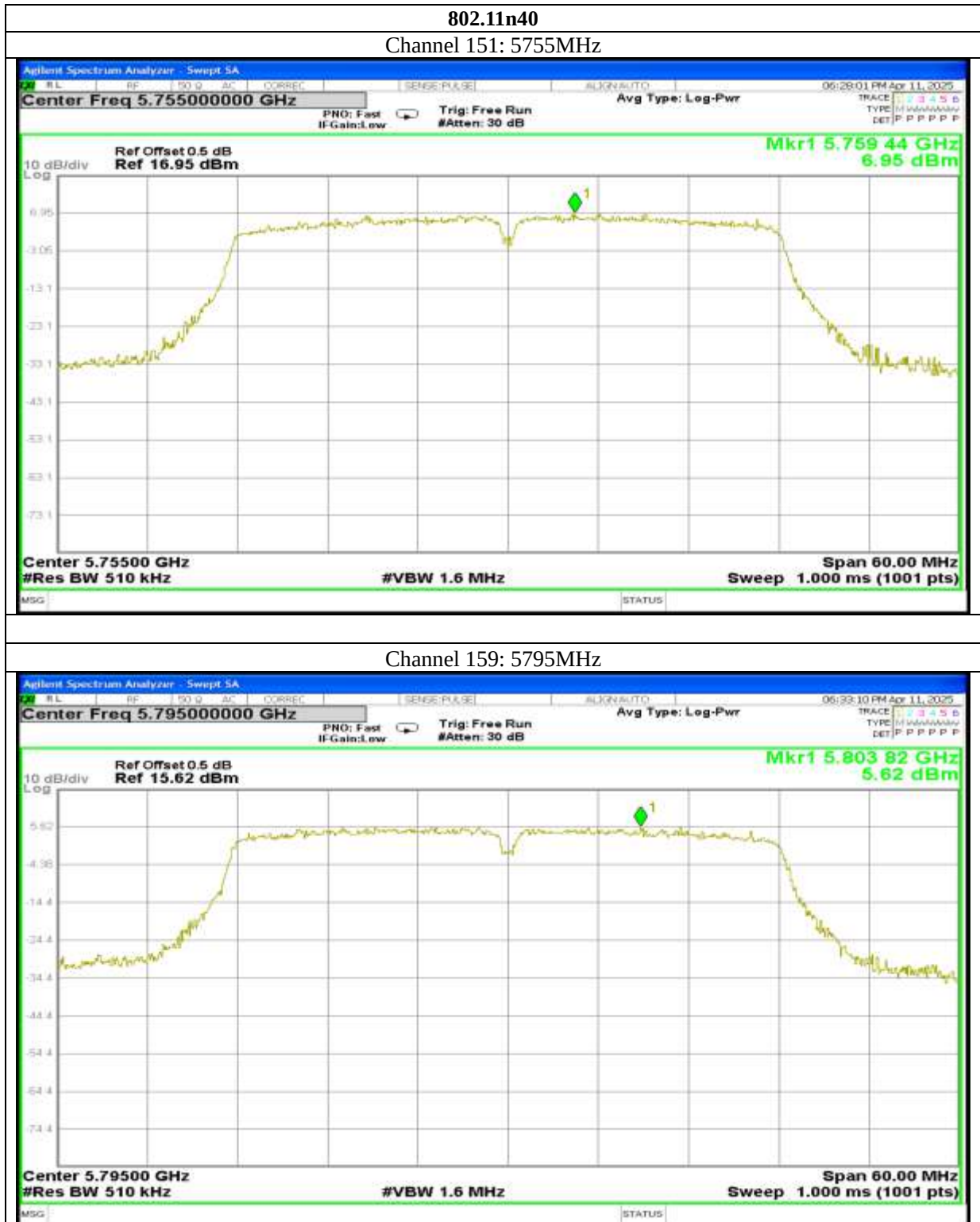


Channel 157: 5785MHz





Report No.: AAEMT/RF/250402-01-04

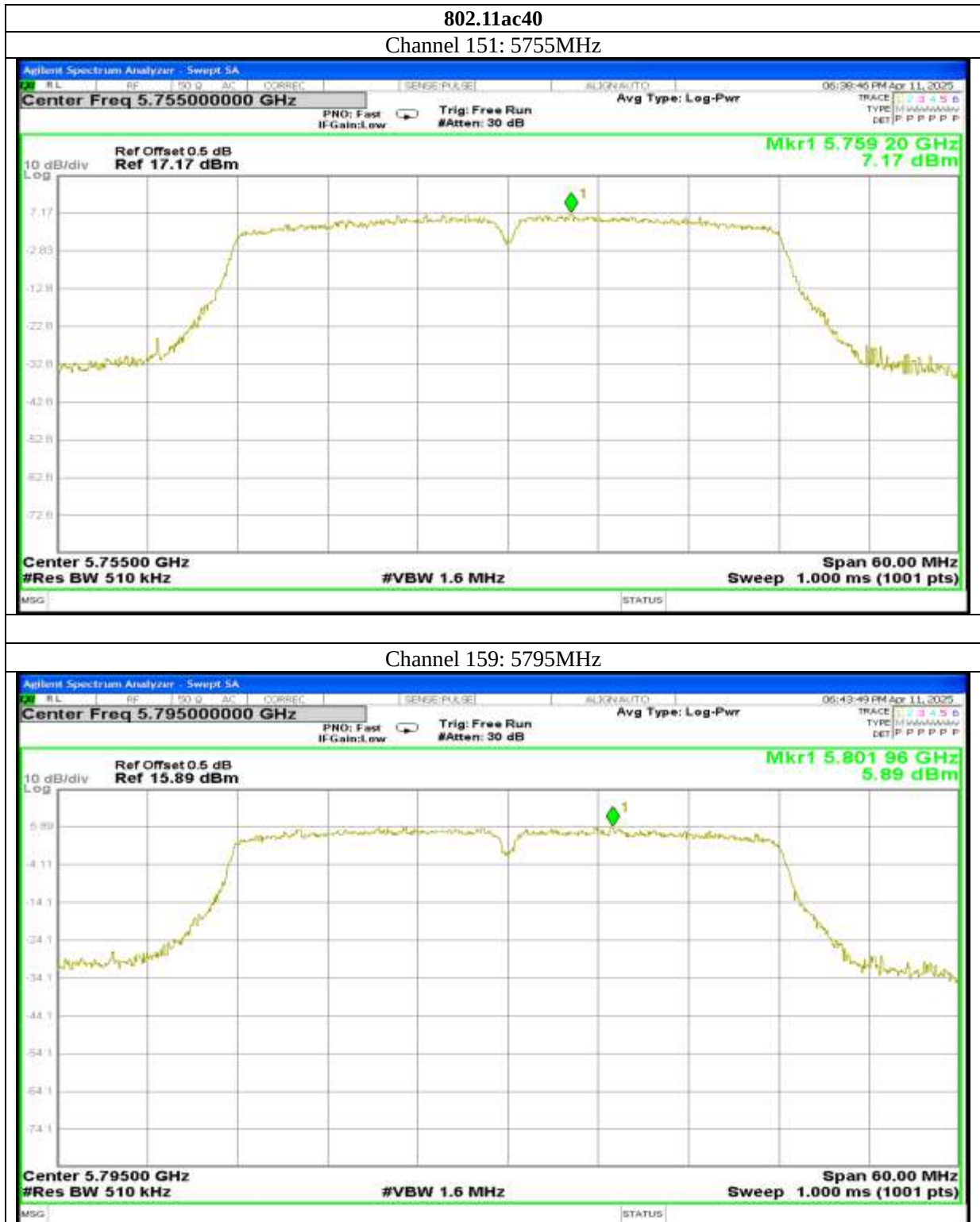


Report No.: AAEMT/RF/250402-01-04





Report No.: AAEMT/RF/250402-01-04

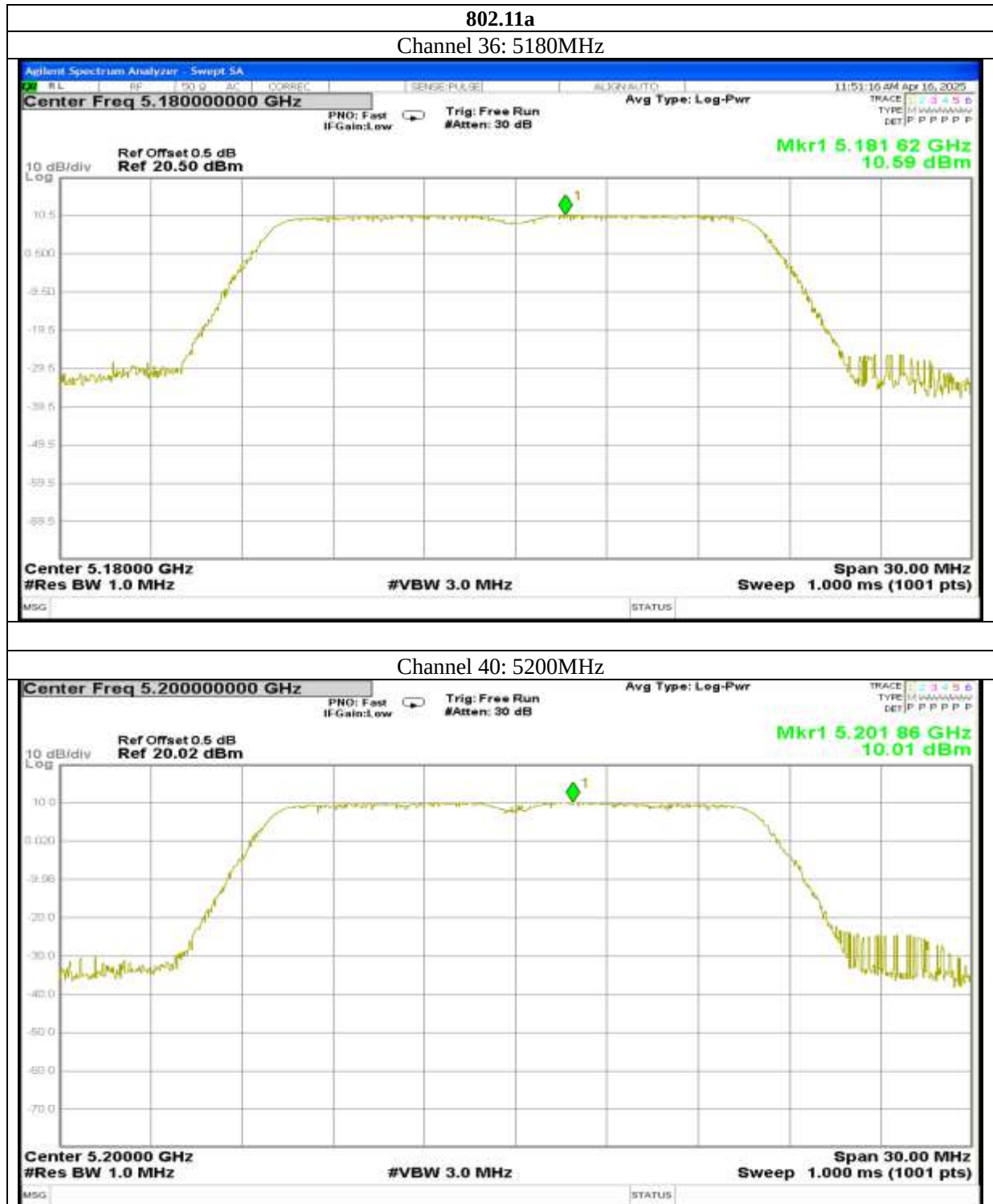


Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

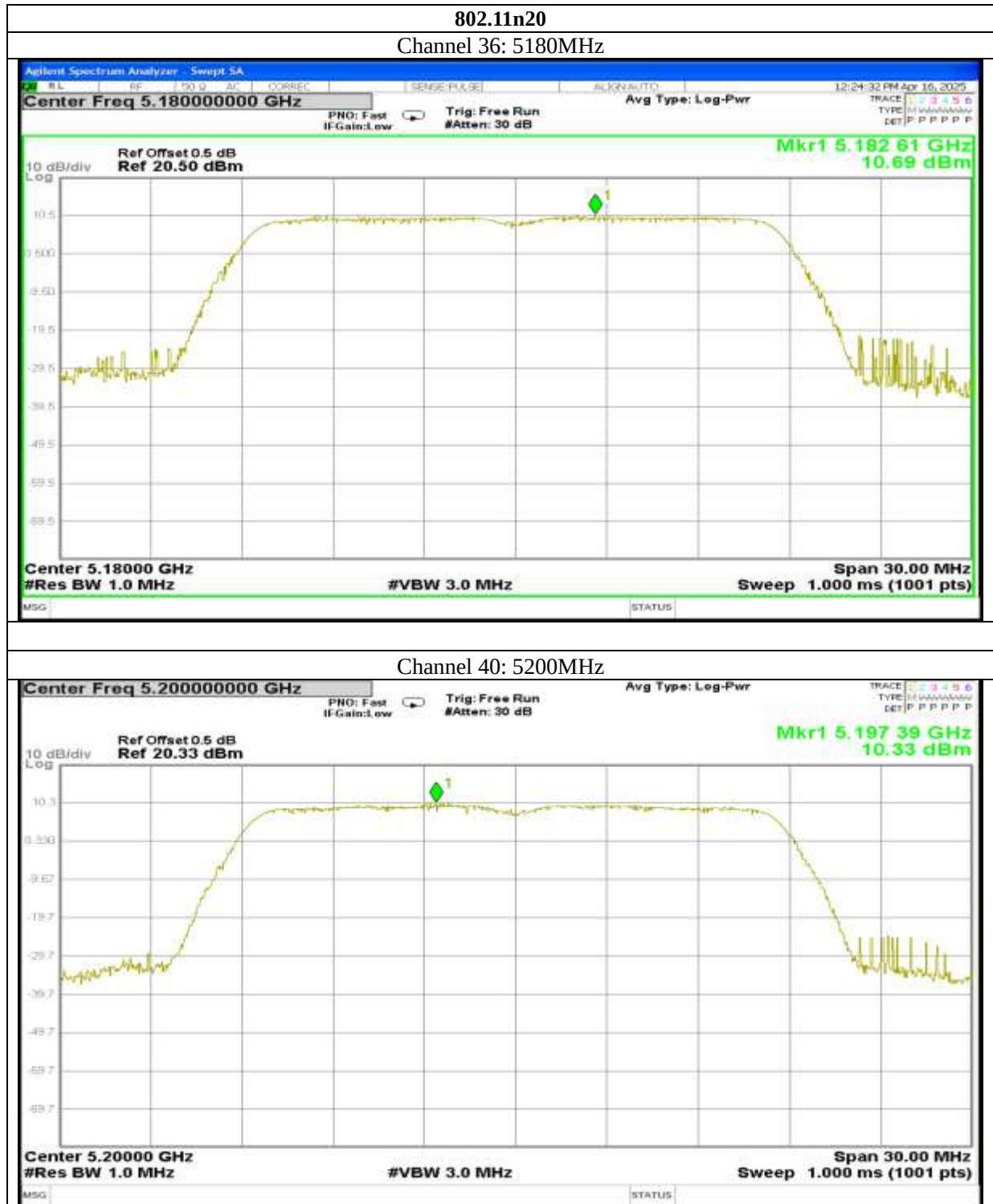
Antenna 1:



Report No.: AAEMT/RF/250402-01-04



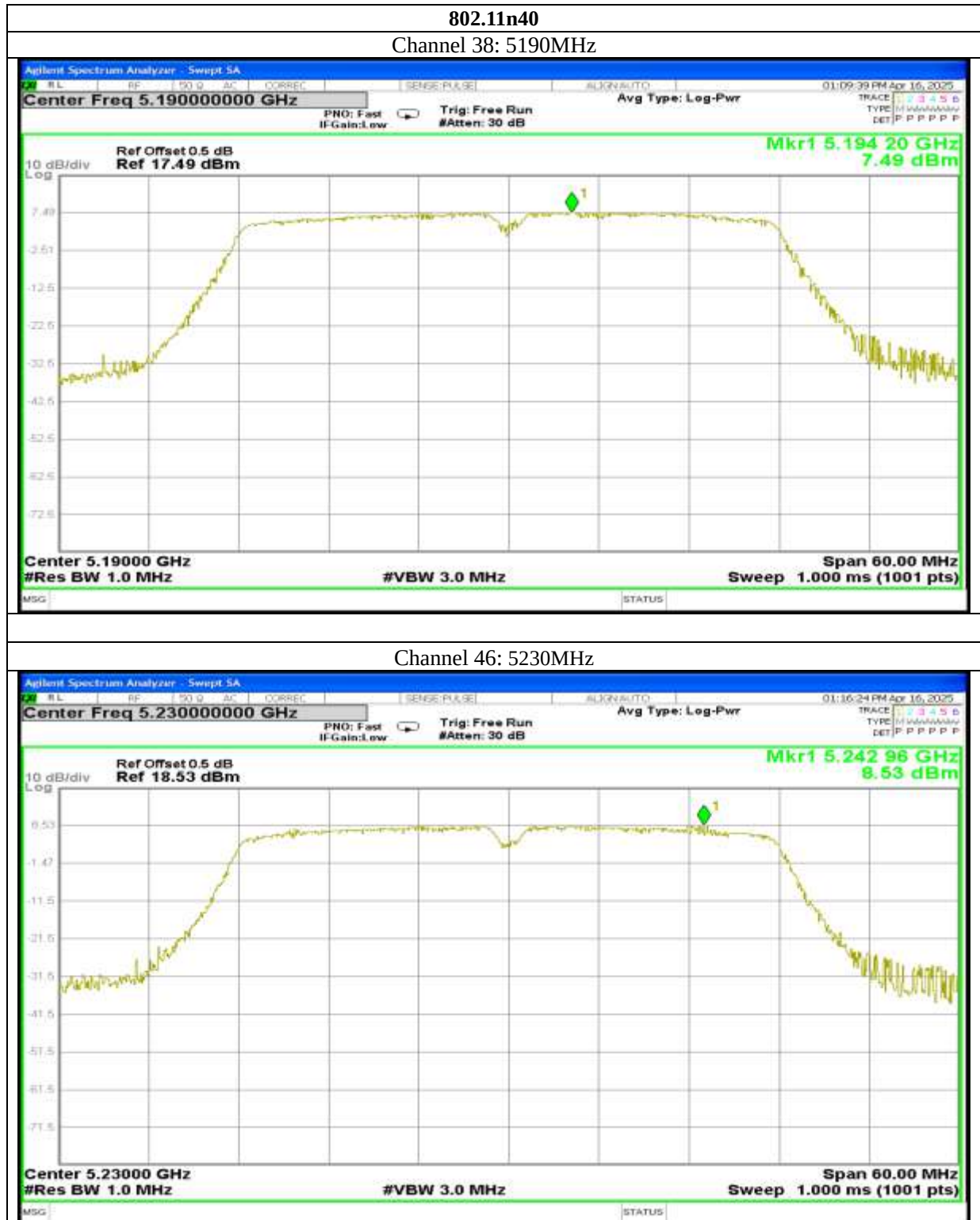
Report No.: AAEMT/RF/250402-01-04



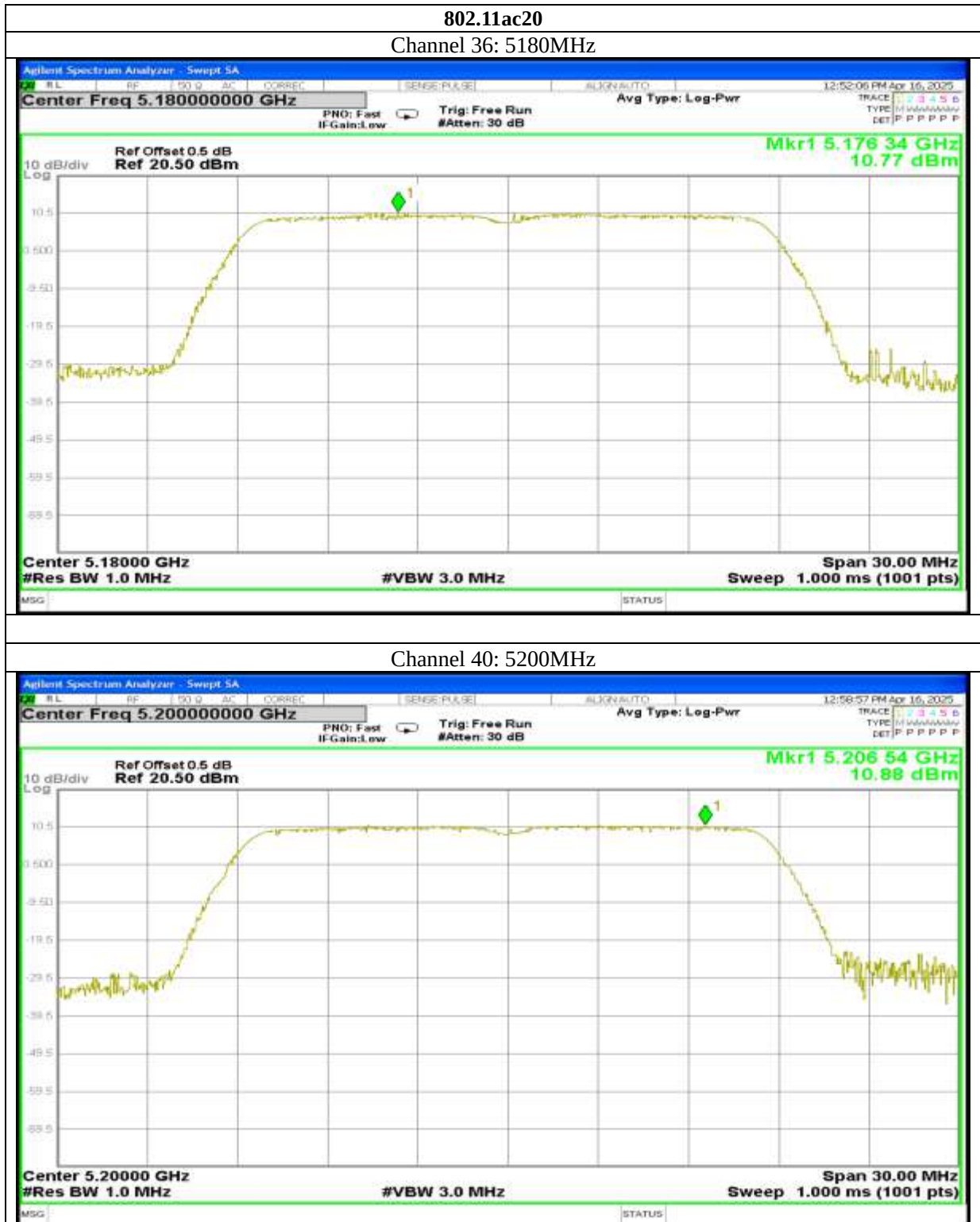
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



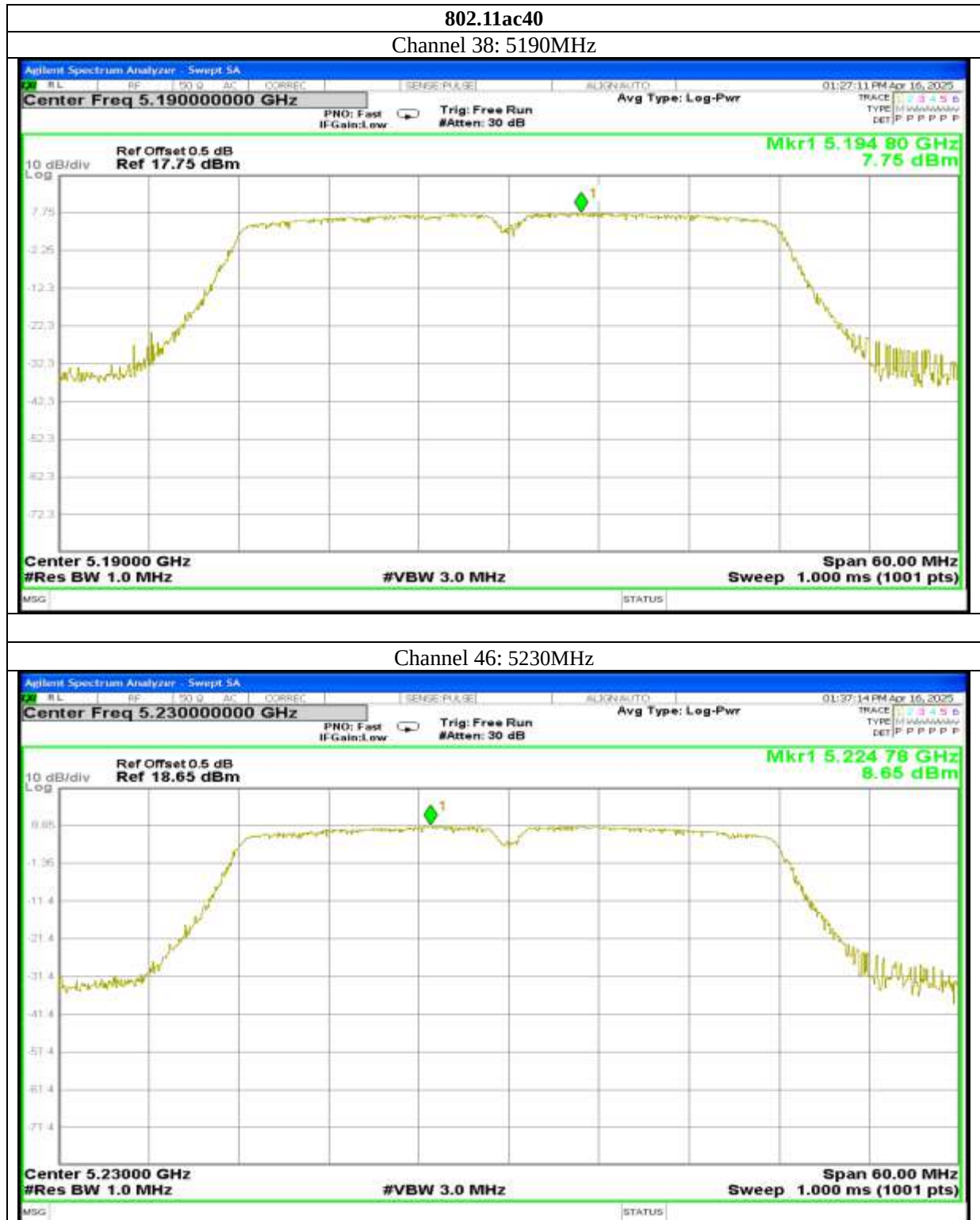
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



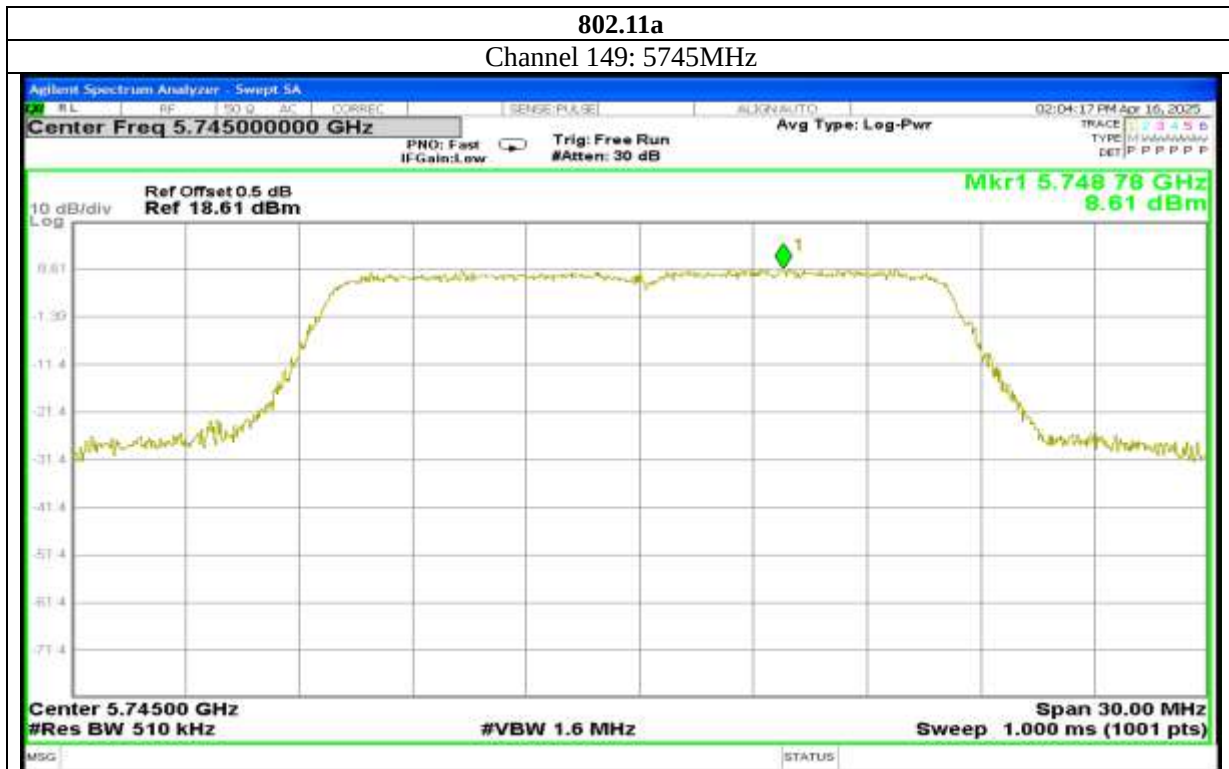
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

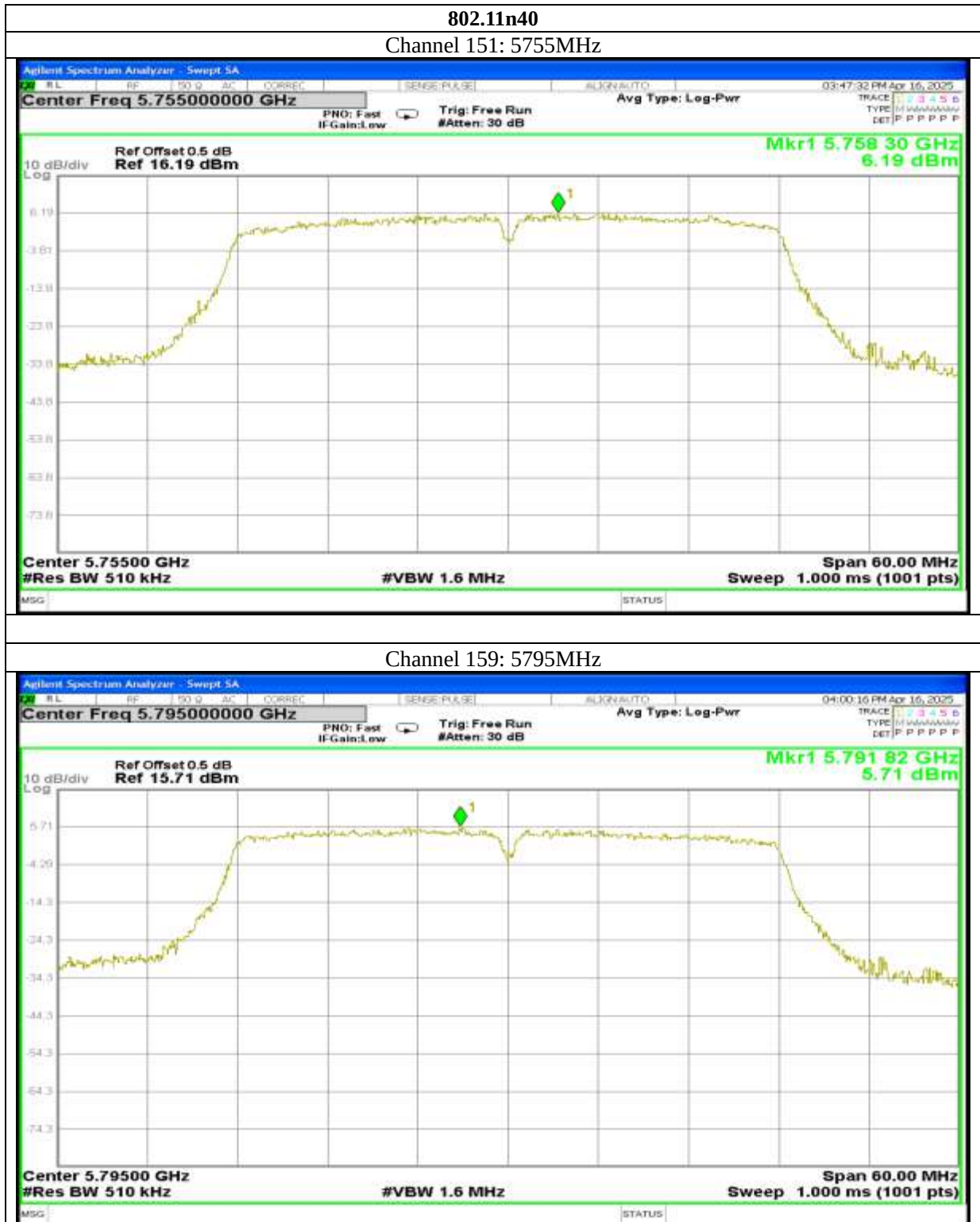


Report No.: AAEMT/RF/250402-01-04

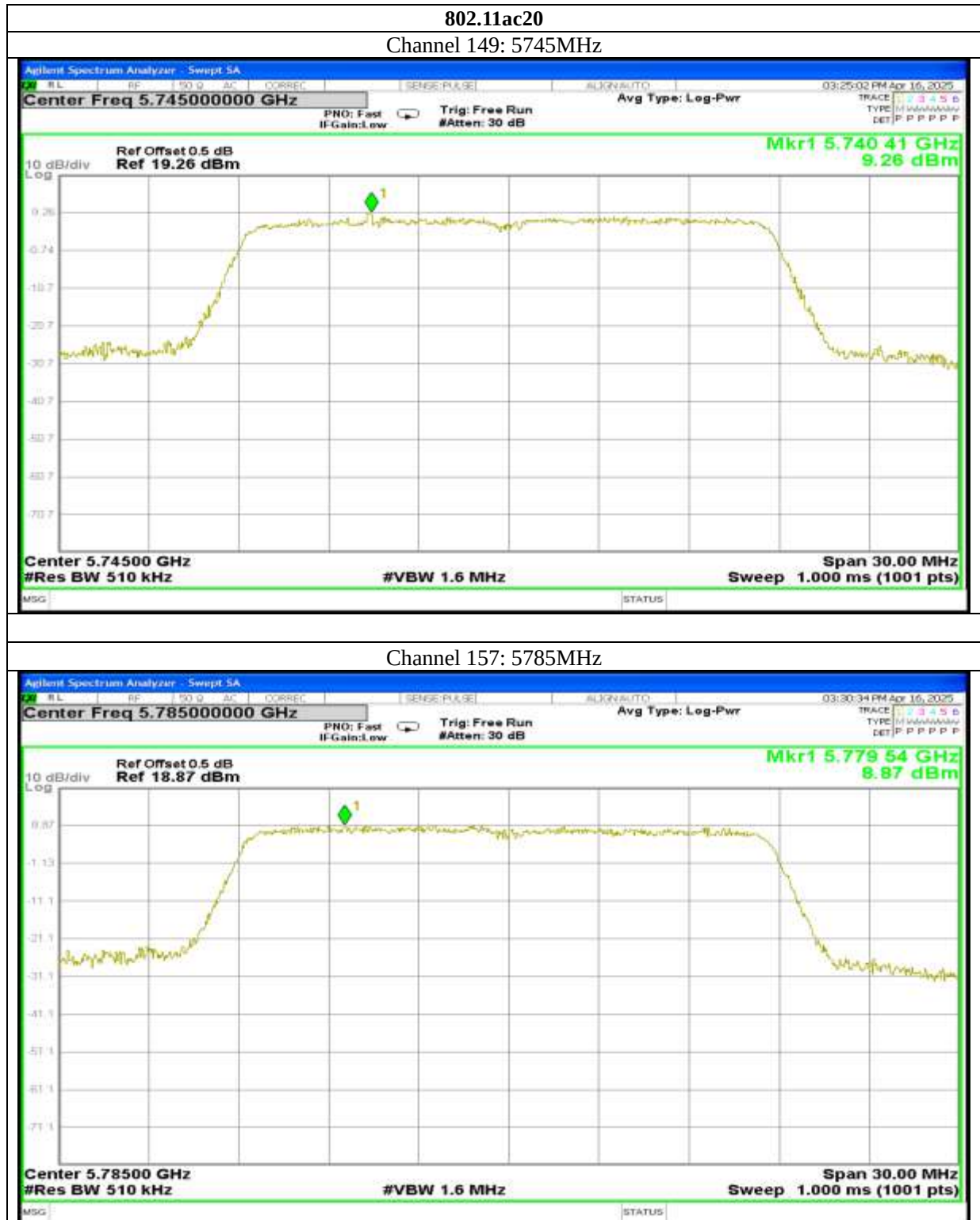




Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04





Report No.: AAEMT/RF/250402-01-04

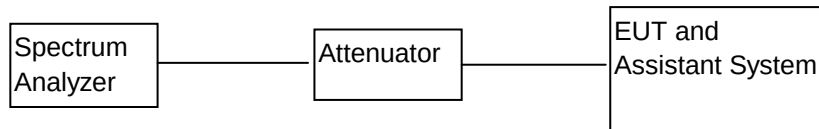


Report No.: AAEMT/RF/250402-01-04



5. 26 dB & 99% Emission Bandwidth

5.1. BLOCK DIAGRAM OF TEST SETUP



5.2. APPLIED PROCEDURES / LIMIT

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

5.3. TEST PROCEDURE

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

The following procedure shall be used for measuring (99 %) power bandwidth:

- Set center frequency to the nominal EUT channel center frequency.
- Set span = 1.5 times to 5.0 times the OBW.
- Set RBW = 1 % to 5 % of the OBW
- Set $VBW \geq 3 \cdot RBW$
- Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
- Use the 99 % power bandwidth function of the instrument (if available).
- If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

5.4. TEST RESULT

Antenna 0:

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11a	802.11n (HT20)	802.11ac (VHT20)
36	5180.00	18.480	19.350	19.380	16.317	17.496	17.501
40	5200.00	18.360	19.350	19.290	16.295	17.504	17.492
48	5240.00	18.690	19.350	19.380	16.354	17.499	17.507
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11a	802.11n (HT20)	802.11ac (VHT20)
149	5745.00	16.380	17.220	17.370	16.321	17.504	17.511
157	5785.00	16.380	17.610	17.640	16.352	17.519	17.510
165	5825.00	16.380	17.370	17.400	16.319	17.509	17.514

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11n (HT40)	802.11ac (VHT40)	802.11n (HT40)	802.11ac (VHT40)
38	5190.00	40.740	40.860	36.045	36.050
46	5230.00	40.980	41.040	36.094	36.087
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11n (HT40)	802.11ac (VHT40)	802.11n (HT40)	802.11ac (VHT40)
151	5755.00	35.220	35.160	35.984	35.929
159	5795.00	35.160	35.580	36.106	36.075

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
		802.11ac (VHT80)	802.11ac (VHT80)
42	5210.00	80.880	74.627
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
		802.11ac (VHT80)	802.11ac (VHT80)
155	5775.00	74.040	74.558

Report No.: AAEMT/RF/250402-01-04

Antenna 1:

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11a	802.11n (HT20)	802.11ac (VHT20)
36	5180.00	18.540	19.470	19.380	16.327	17.509	17.496
40	5200.00	18.420	19.350	19.290	16.322	17.498	17.490
48	5240.00	18.540	19.320	19.350	16.316	17.504	17.501
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)			99% Occupied Bandwidth (MHz)		
		802.11a	802.11n (HT20)	802.11ac (VHT20)	802.11a	802.11n (HT20)	802.11ac (VHT20)
149	5745.00	16.380	17.220	17.340	16.342	17.510	17.508
157	5785.00	16.380	17.610	17.580	16.319	17.503	17.495
165	5825.00	16.380	17.610	17.370	16.323	17.513	17.515

CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11n (HT40)	802.11ac (VHT40)	802.11n (HT40)	802.11ac (VHT40)
38	5190.00	40.860	41.040	36.112	36.073
46	5230.00	40.680	40.920	36.010	36.062
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)		99% Occupied Bandwidth (MHz)	
		802.11n (HT40)	802.11ac (VHT40)	802.11n (HT40)	802.11ac (VHT40)
151	5755.00	35.460	35.160	36.036	36.044
159	5795.00	35.280	35.700	36.076	36.073

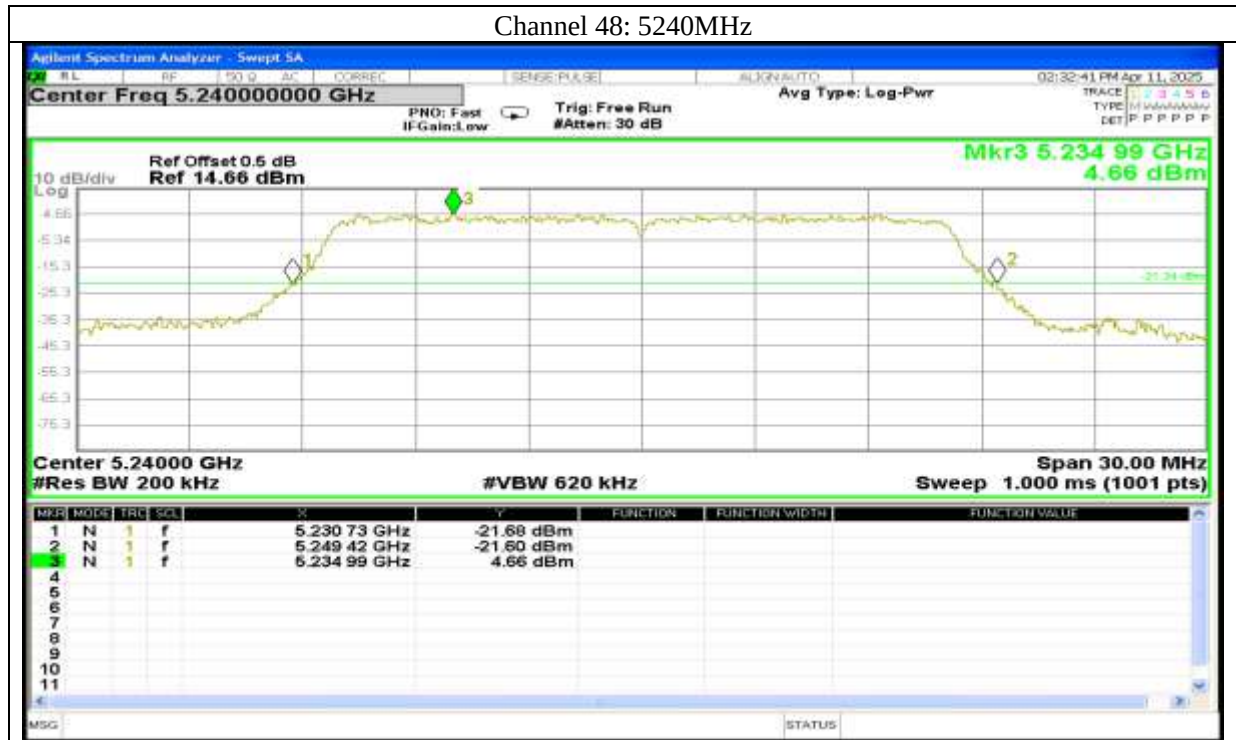
CH. No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
		802.11ac (VHT80)	802.11ac (VHT80)
42	5210.00	80.880	74.674
CH. No.	Frequency (MHz)	6dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
		802.11ac (VHT80)	802.11ac (VHT80)
155	5775.00	75.360	74.433

Report No.: AAEMT/RF/250402-01-04

Test plots as followed:

Antenna 0:

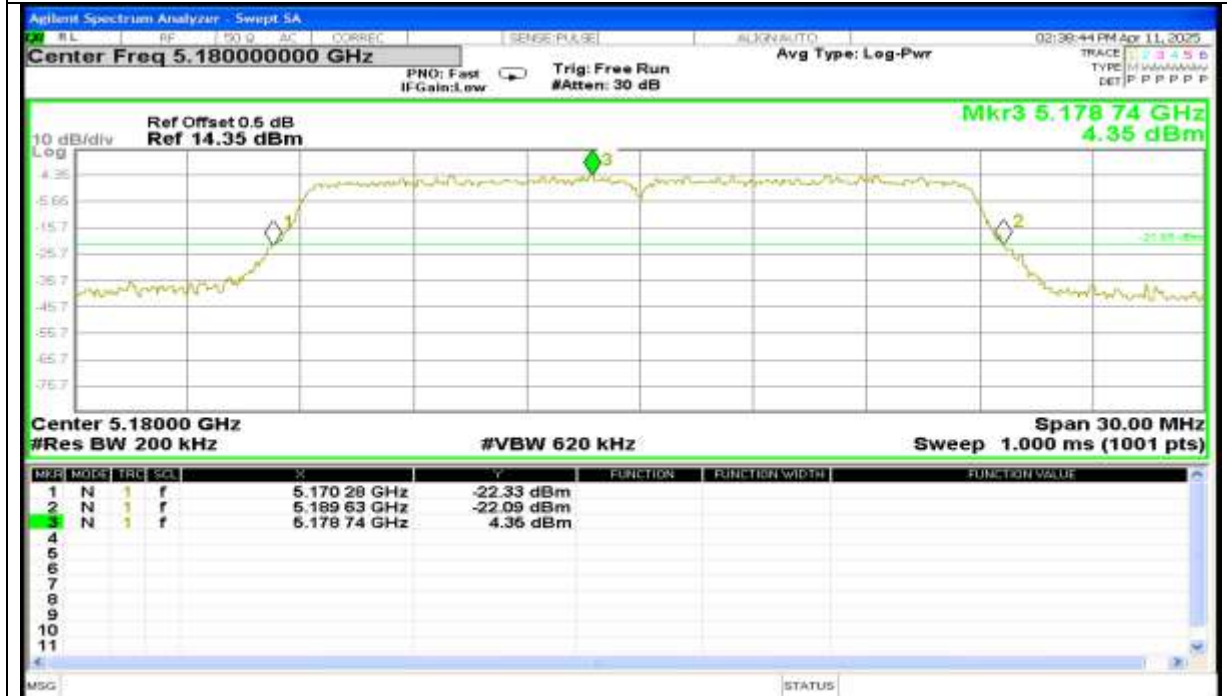




Report No.: AAEMT/RF/250402-01-04

26dB BW 802.11n20

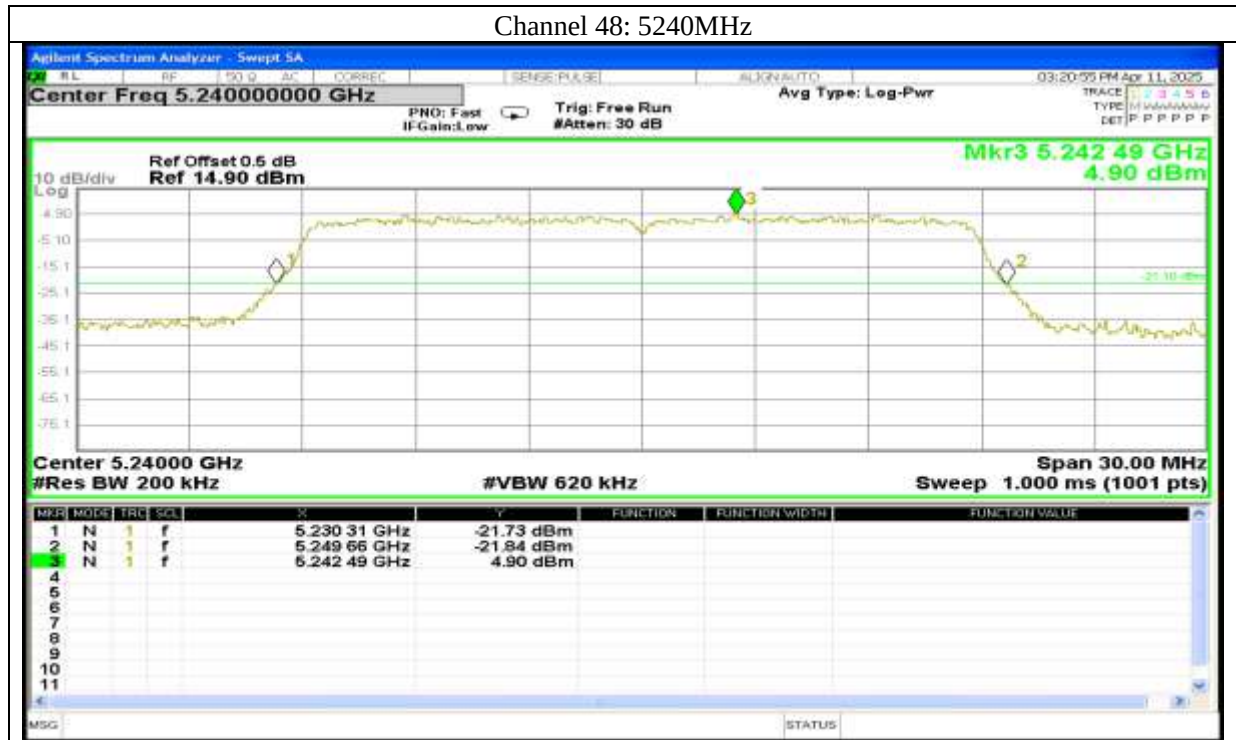
Channel 36: 5180MHz



Channel 40: 5200MHz



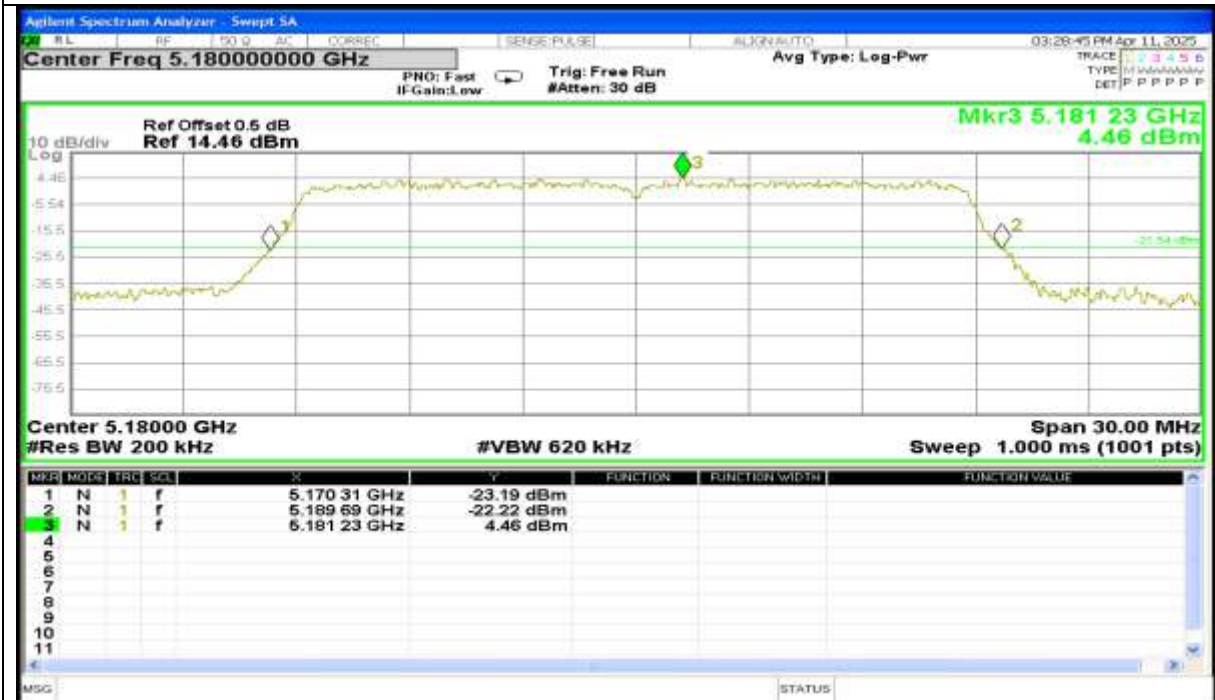
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

26dB BW 802.11ac20

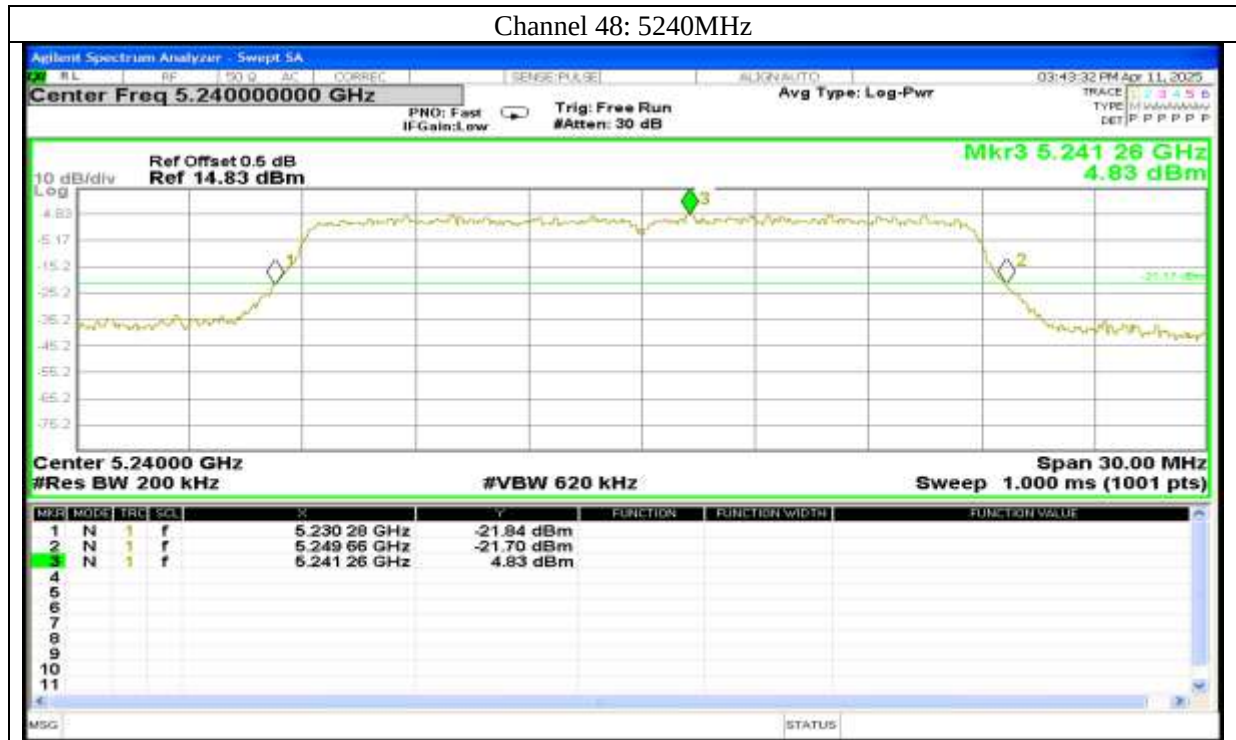
Channel 36: 5180MHz



Channel 40: 5200MHz

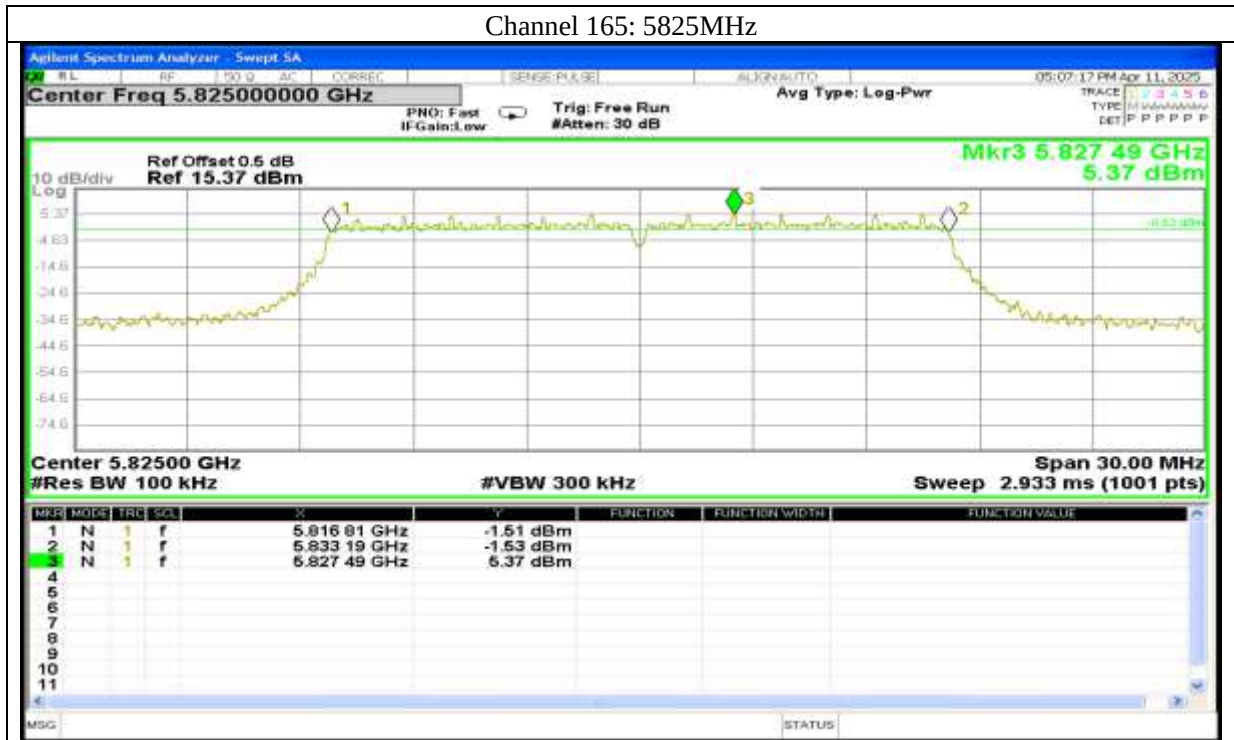


Report No.: AAEMT/RF/250402-01-04

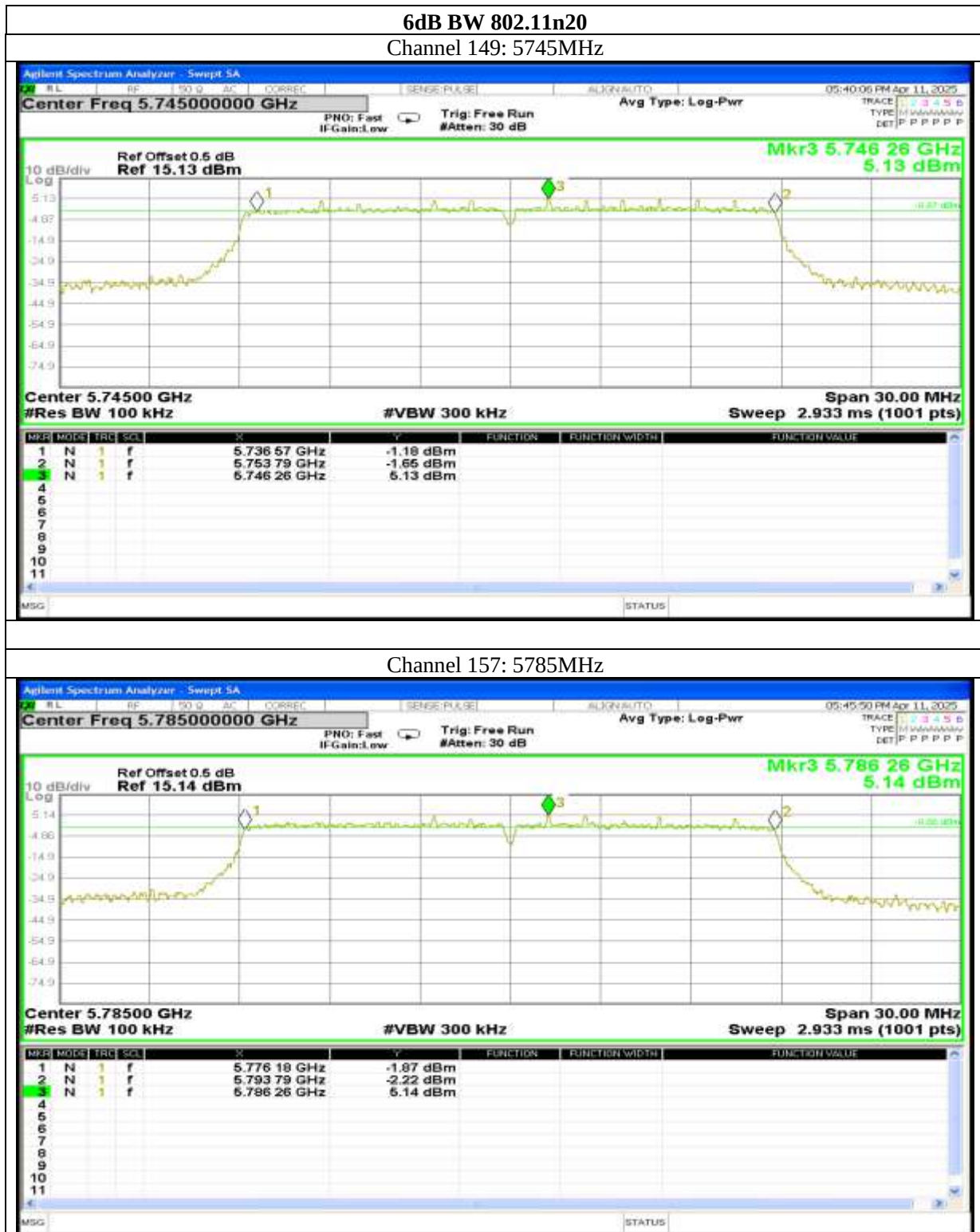


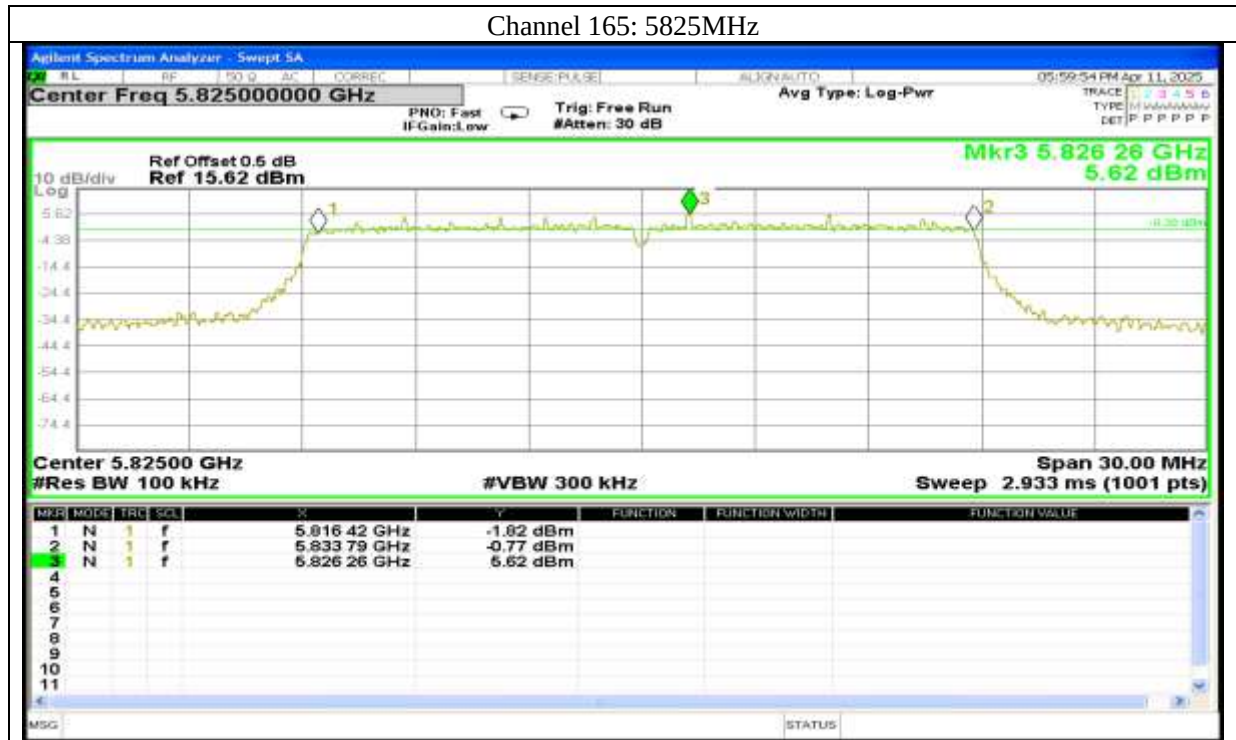
Report No.: AAEMT/RF/250402-01-04



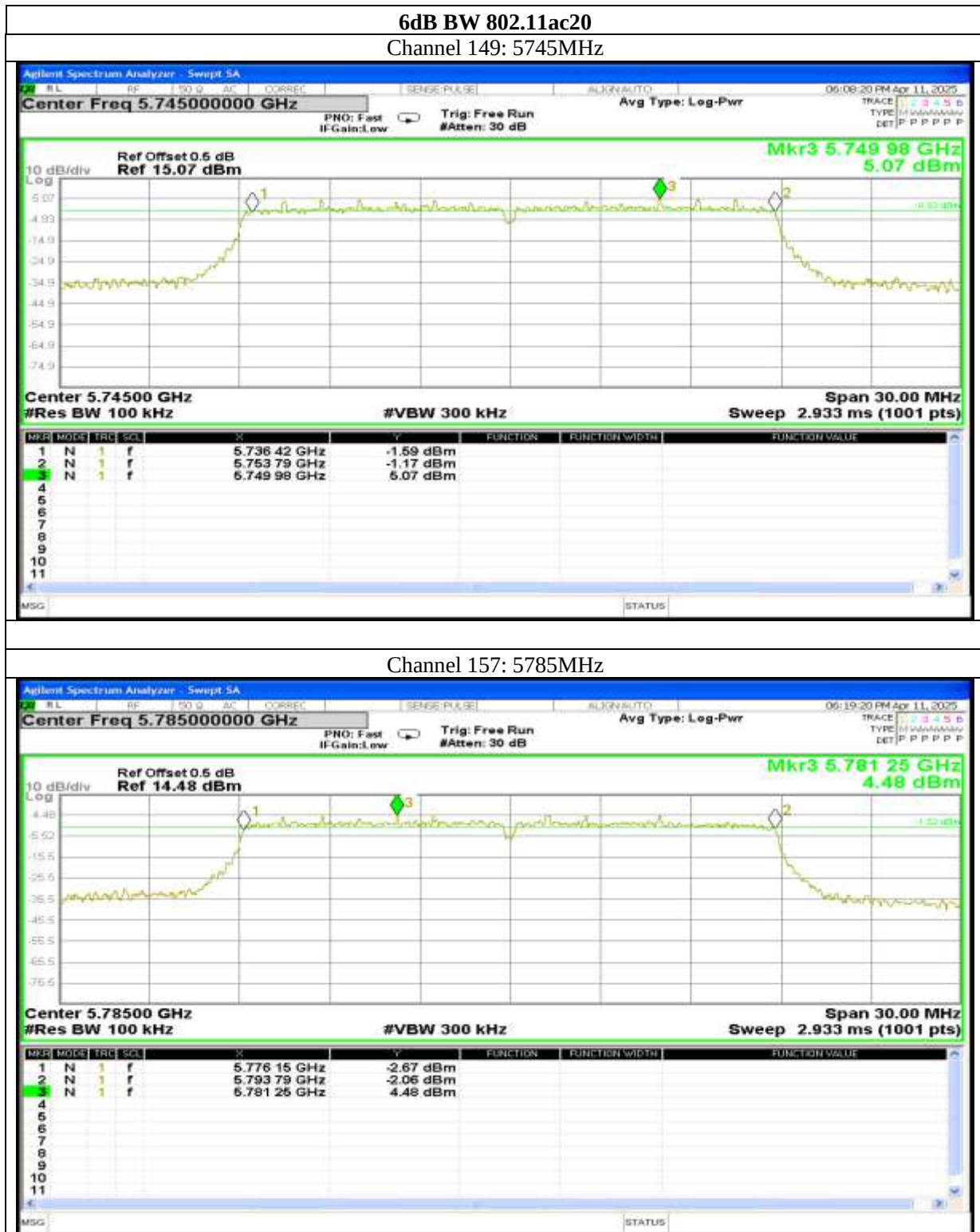


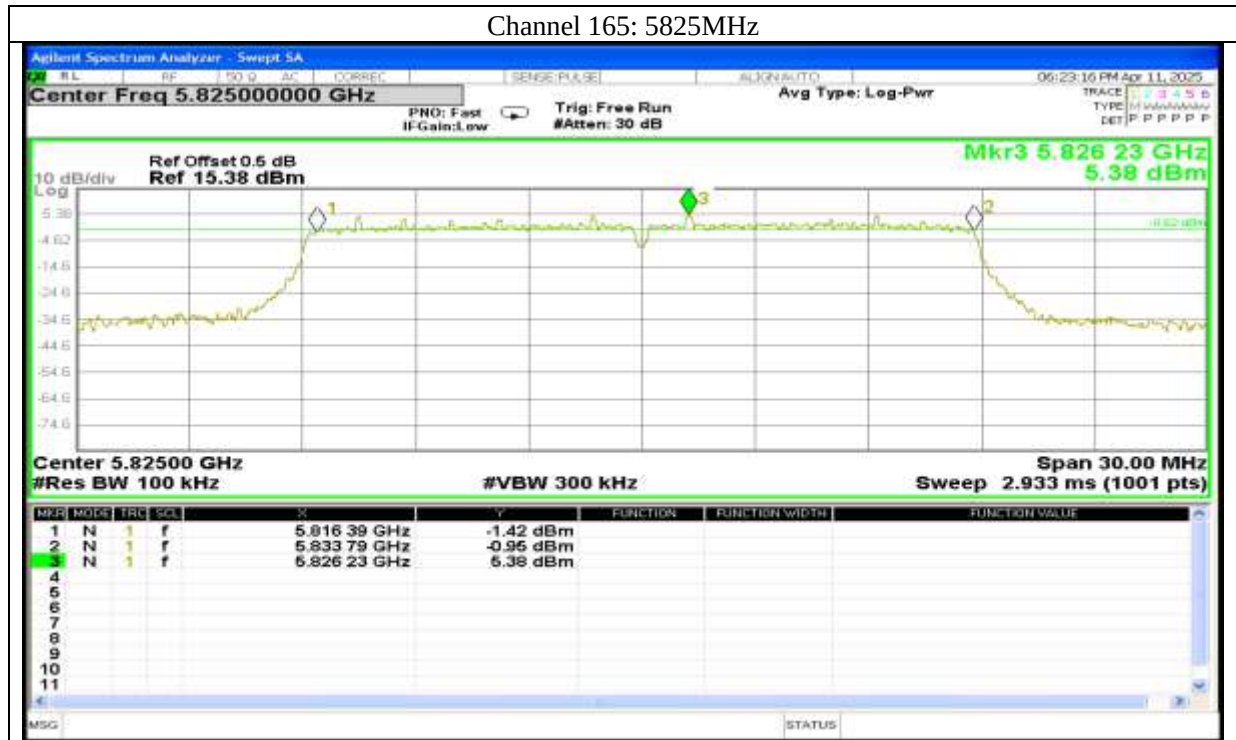
Report No.: AAEMT/RF/250402-01-04





Report No.: AAEMT/RF/250402-01-04





Report No.: AAEMT/RF/250402-01-04

26dB BW 802.11n40

Channel 38: 5190MHz



Channel 46: 5230MHz



Report No.: AAEMT/RF/250402-01-04

26dB BW 802.11ac40

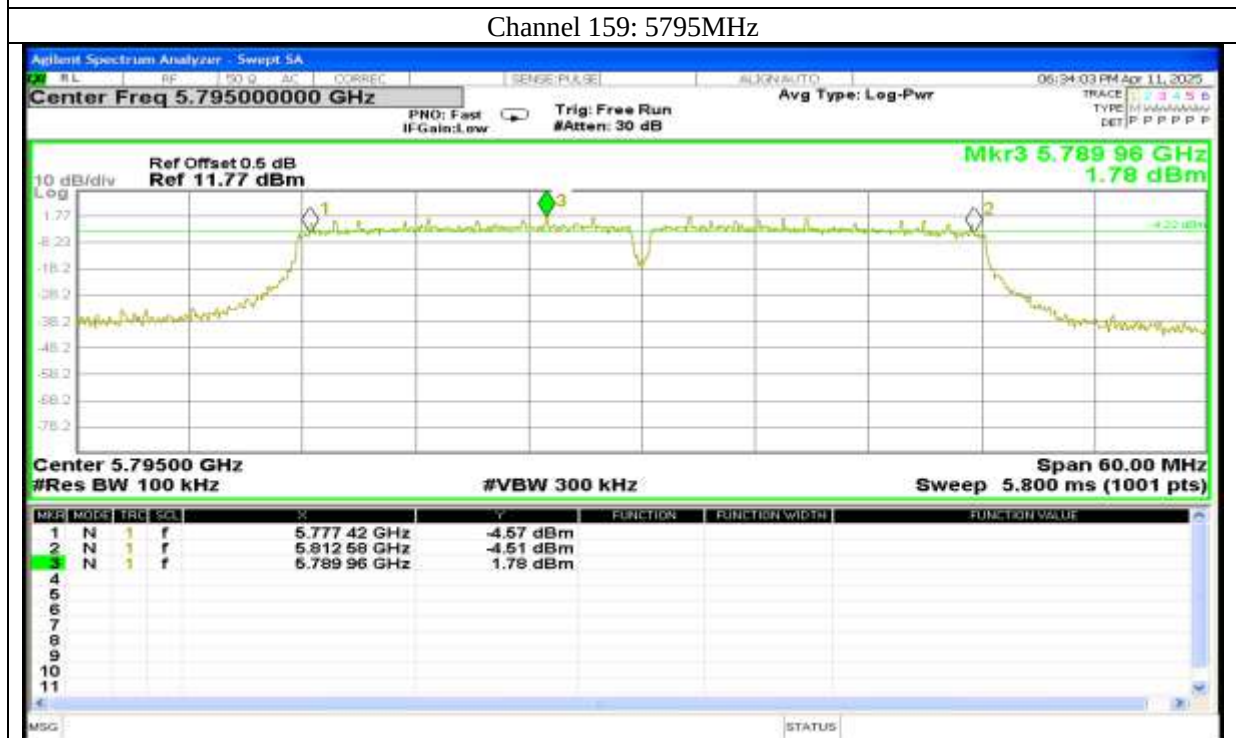
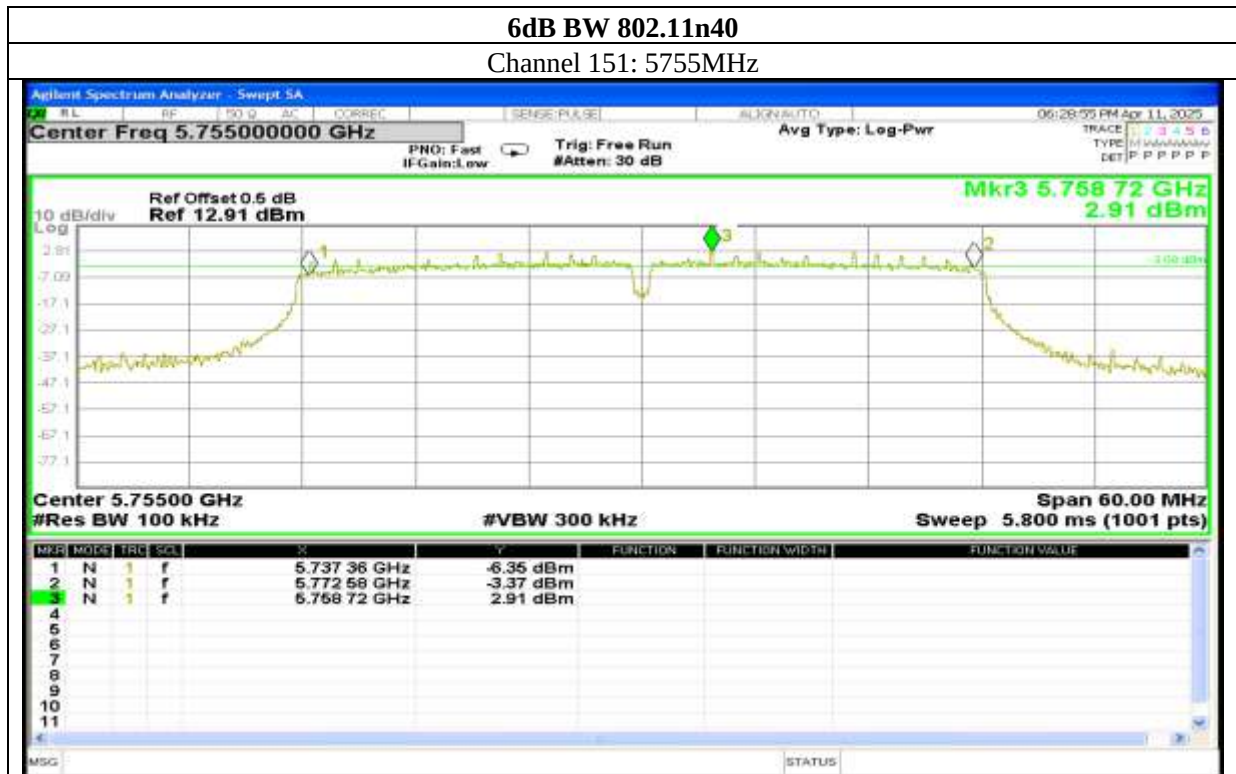
Channel 38: 5190MHz



Channel 46: 5230MHz

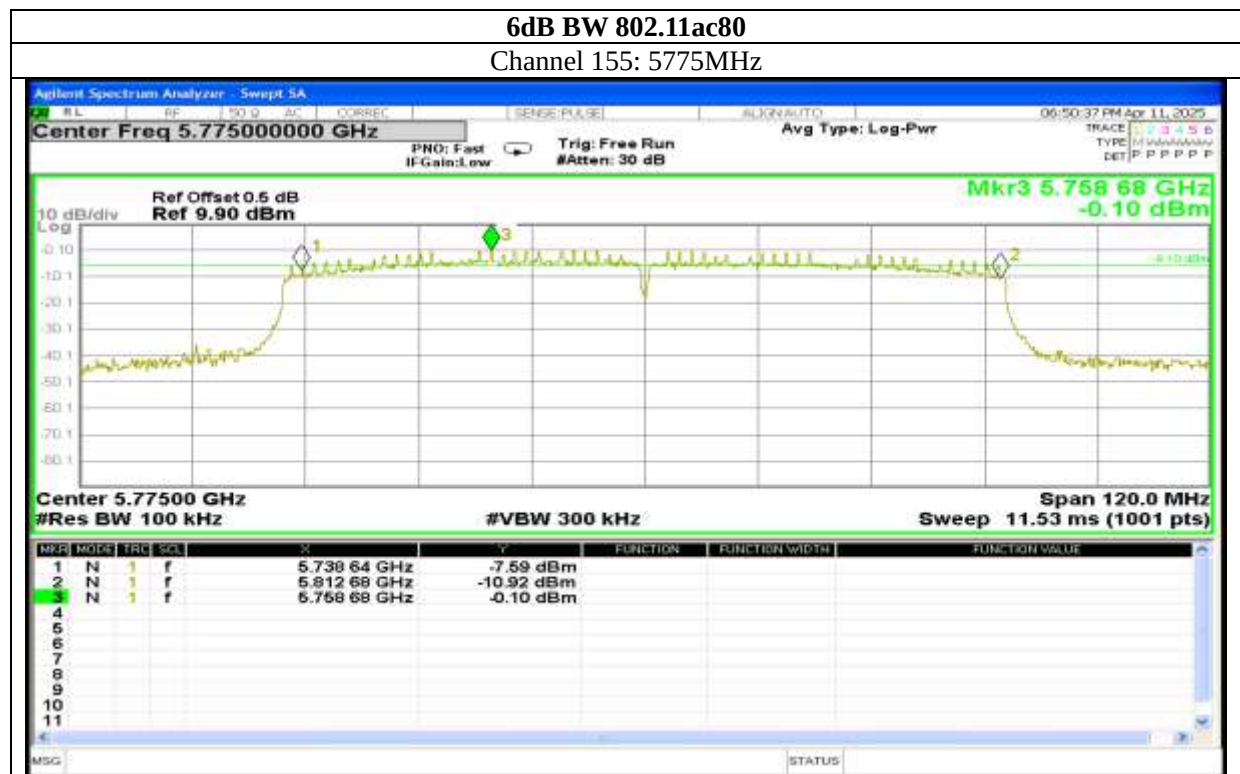
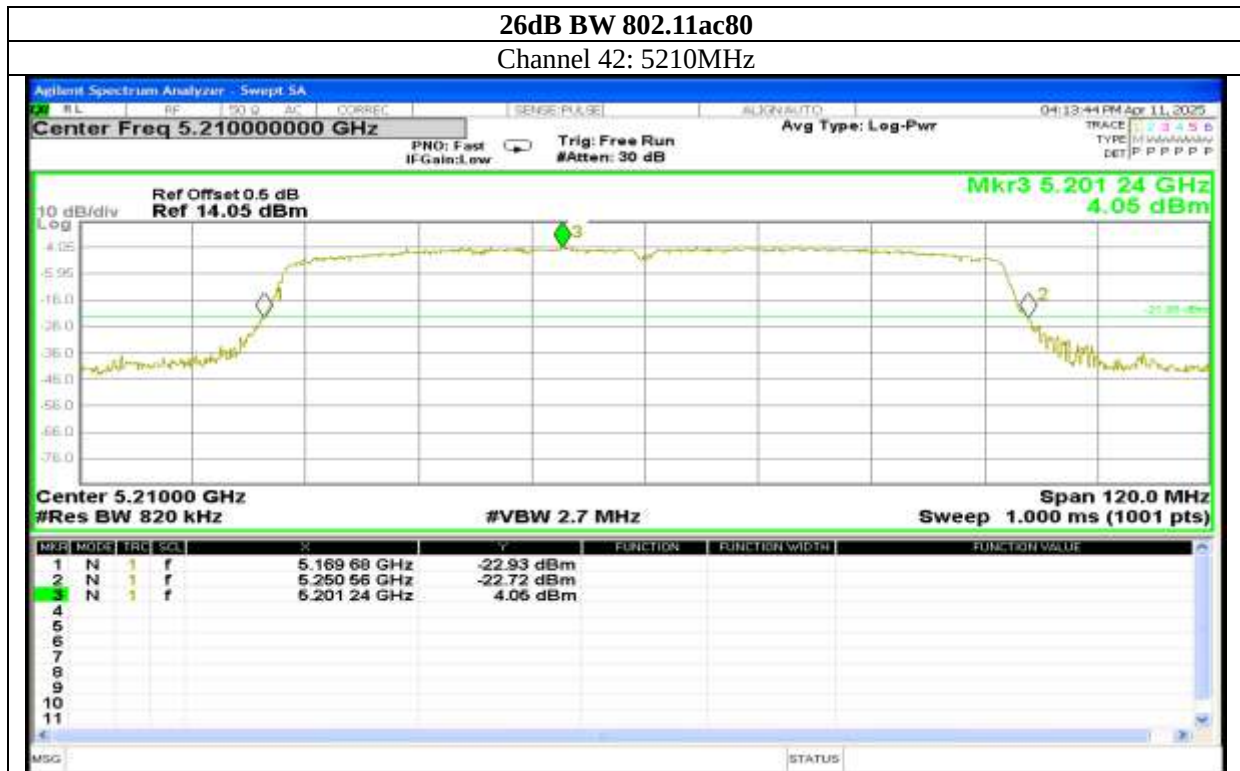


Report No.: AAEMT/RF/250402-01-04

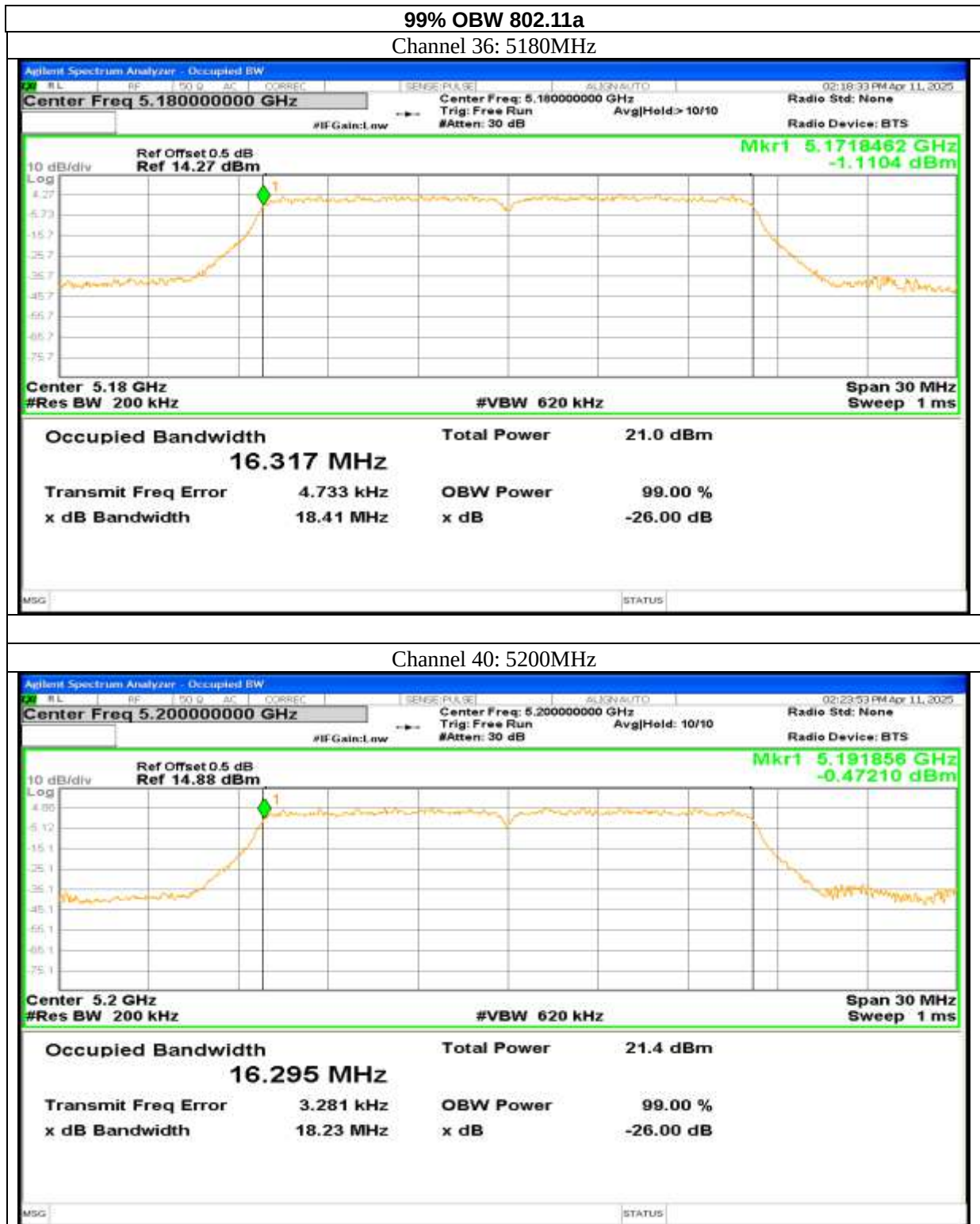


Report No.: AAEMT/RF/250402-01-04

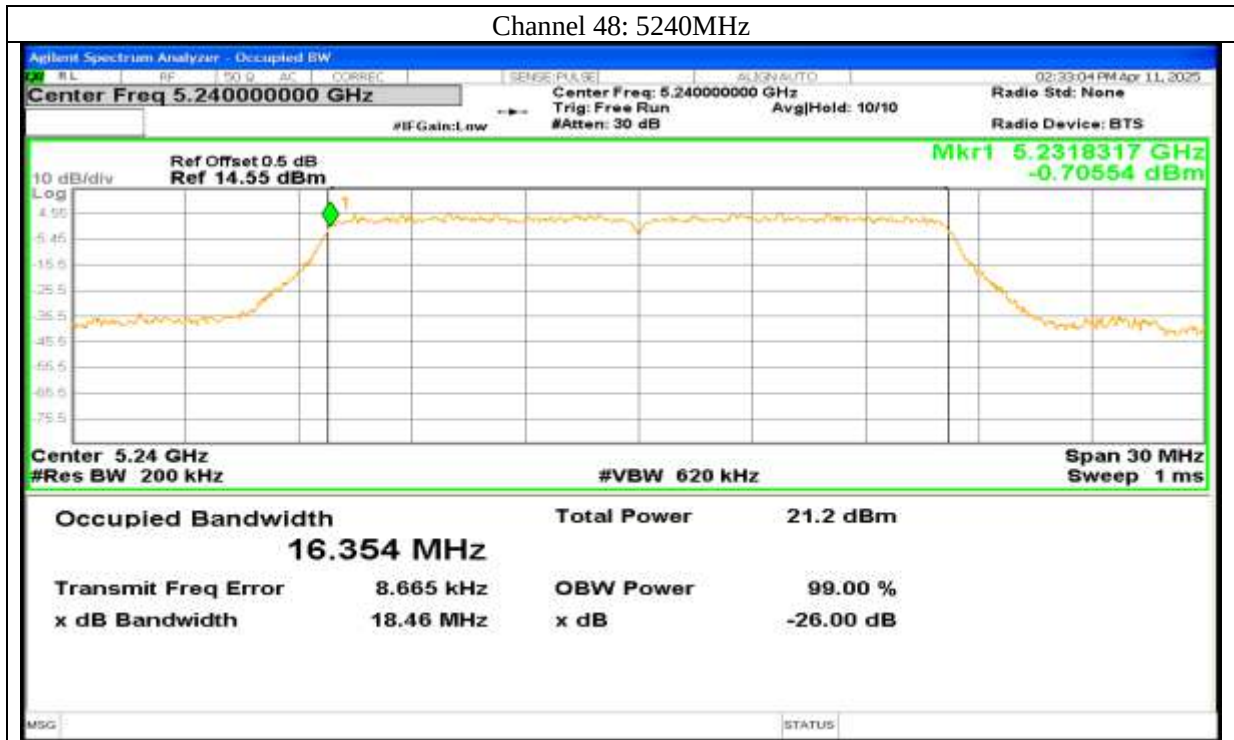




Report No.: AAEMT/RF/250402-01-04



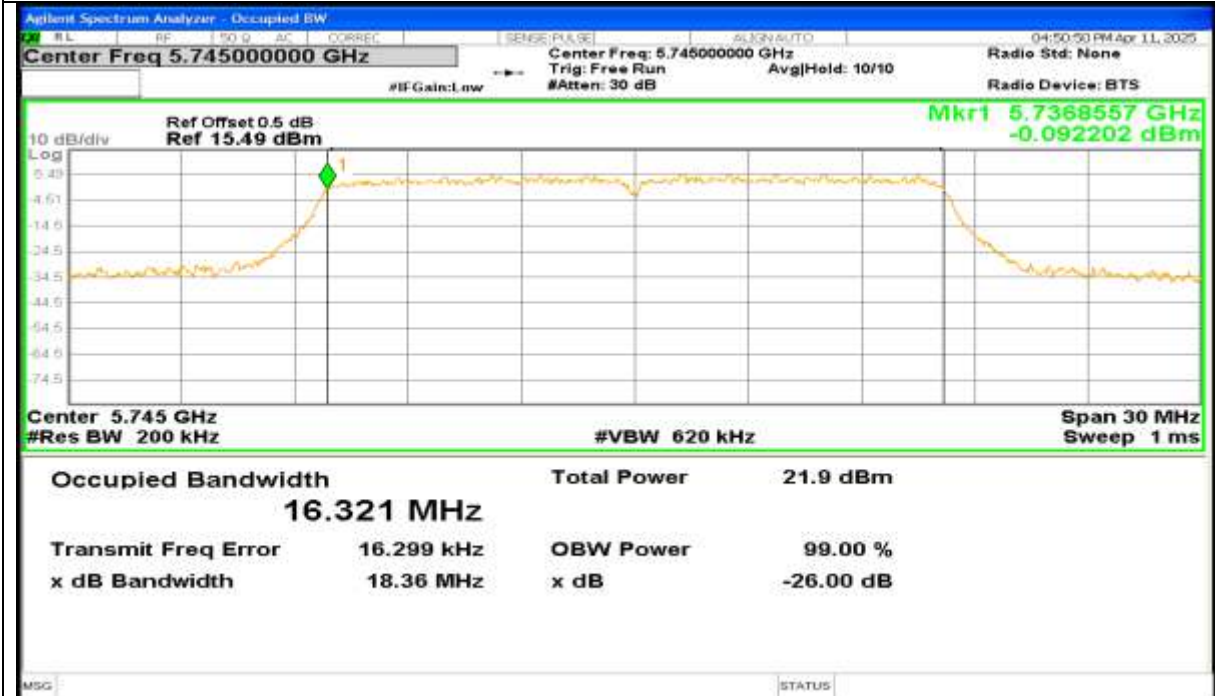
Report No.: AAEMT/RF/250402-01-04



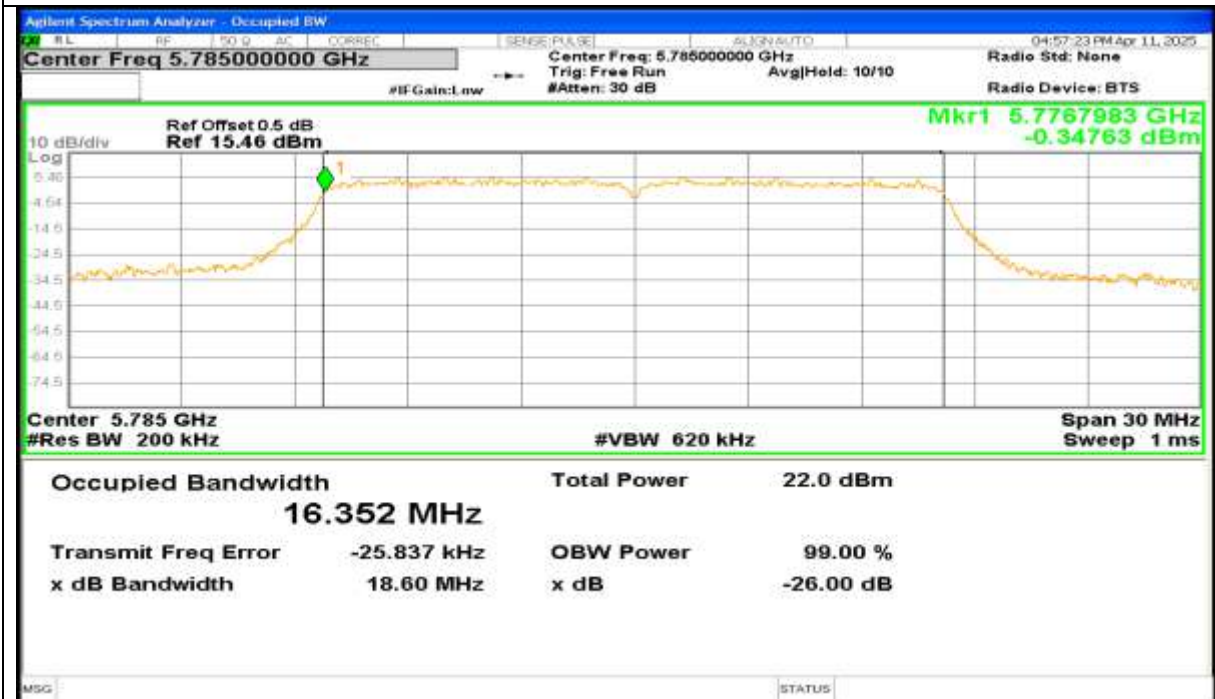
Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11a

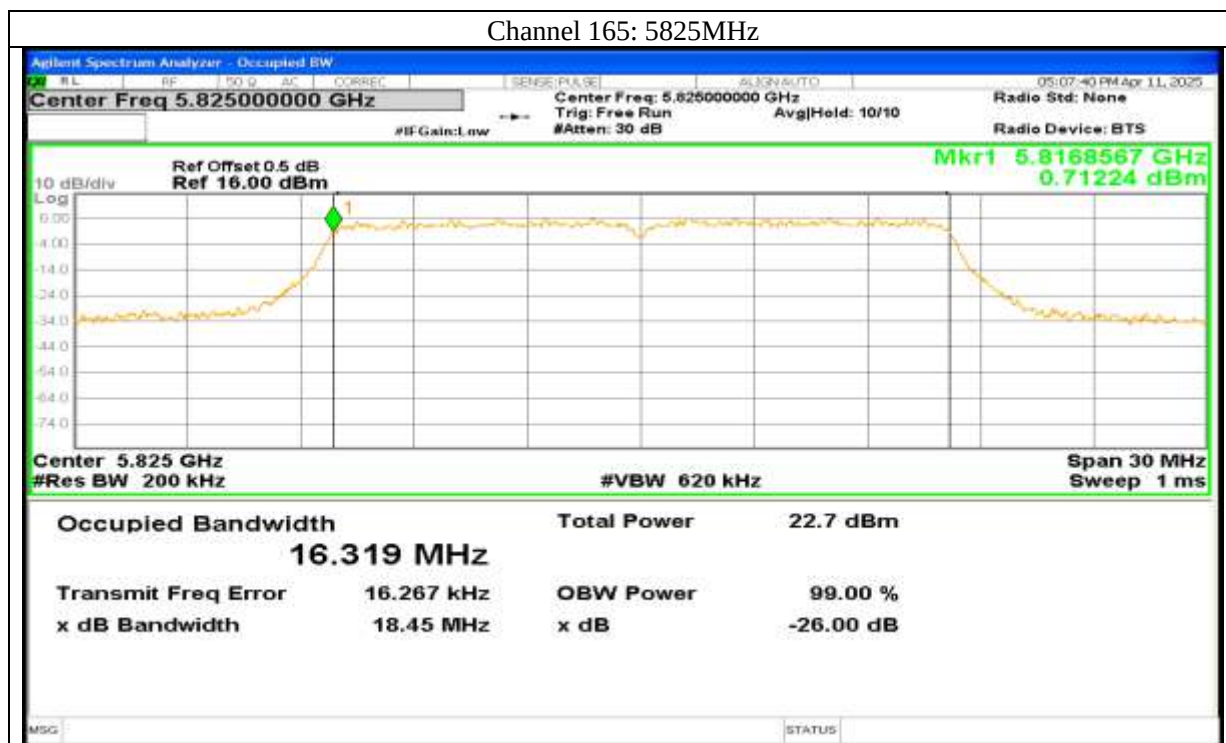
Channel 149: 5745MHz



Channel 157: 5785MHz



Report No.: AAEMT/RF/250402-01-04

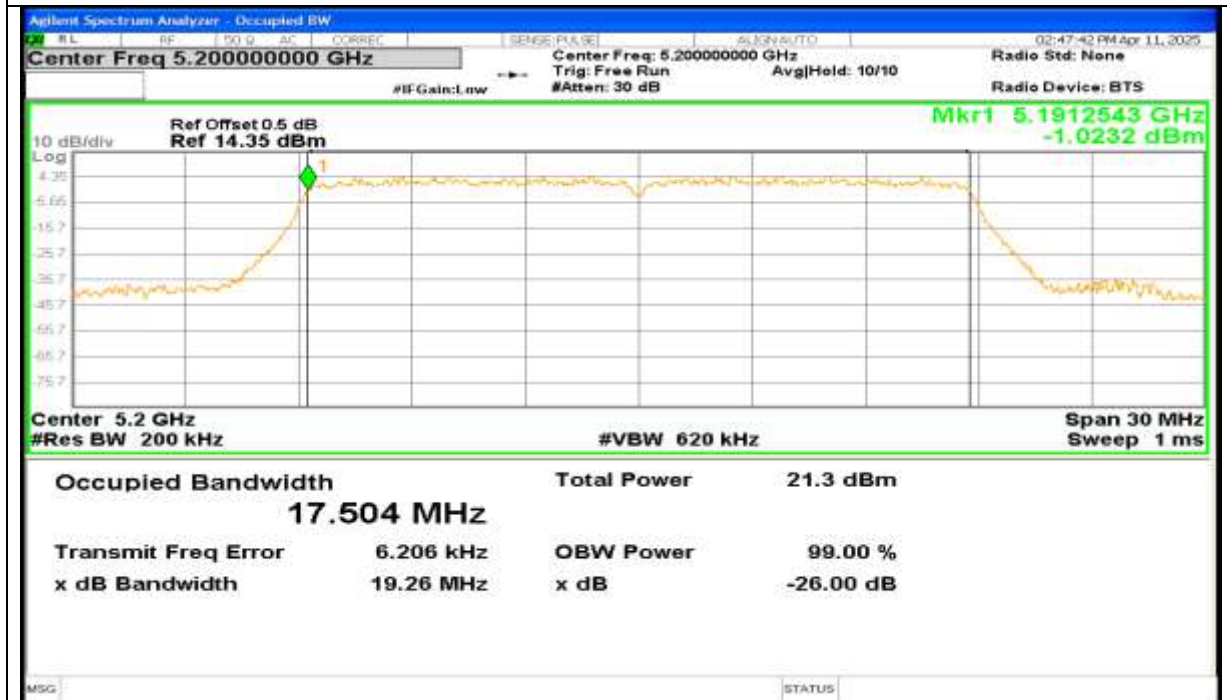


99% OBW 802.11n20

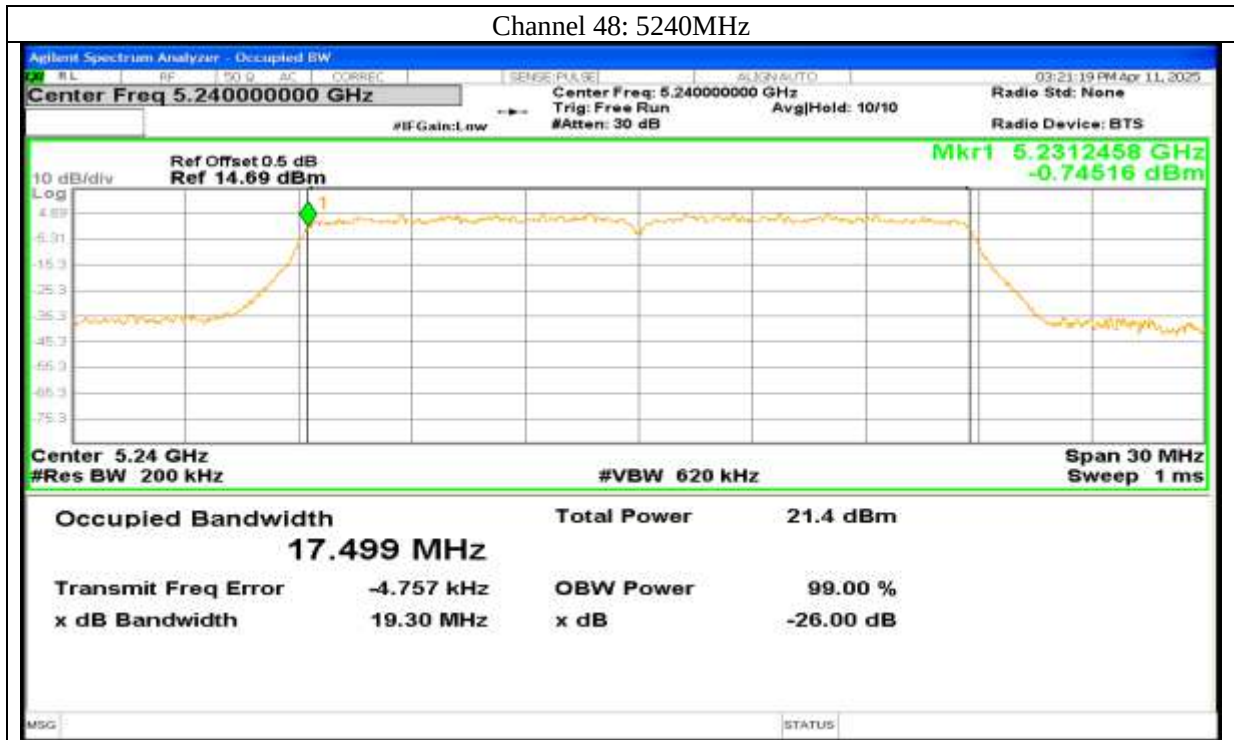
Channel 36: 5180MHz



Channel 40: 5200MHz



Report No.: AAEMT/RF/250402-01-04



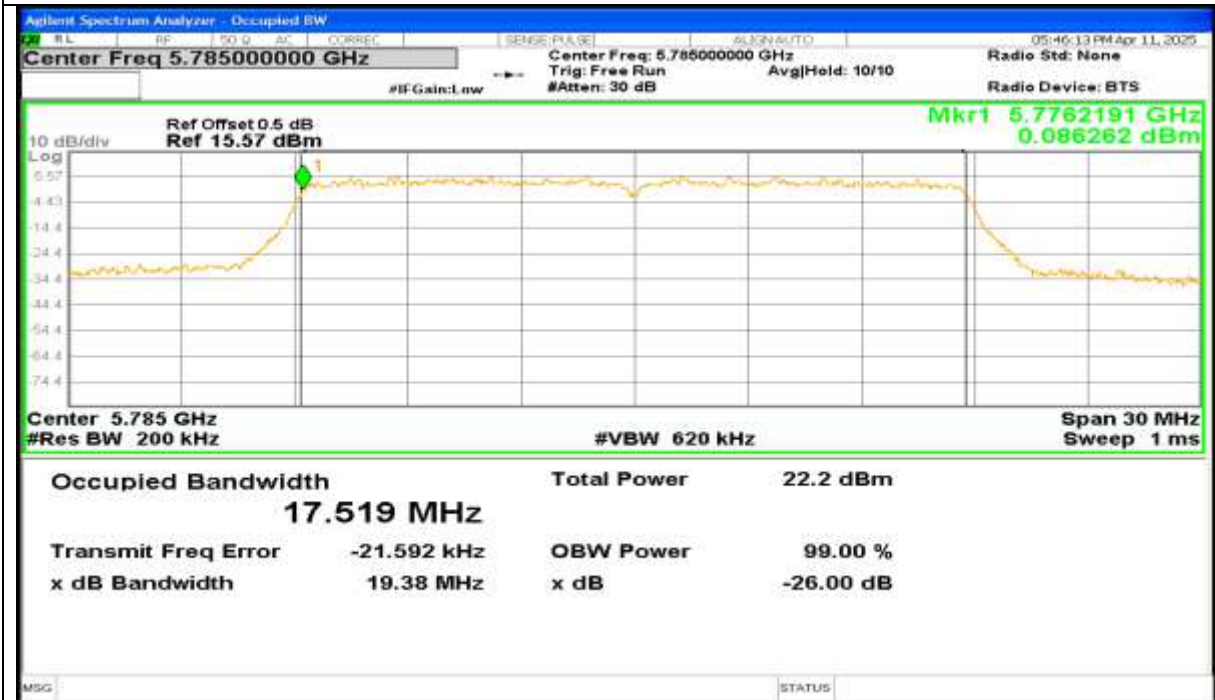
Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11n20

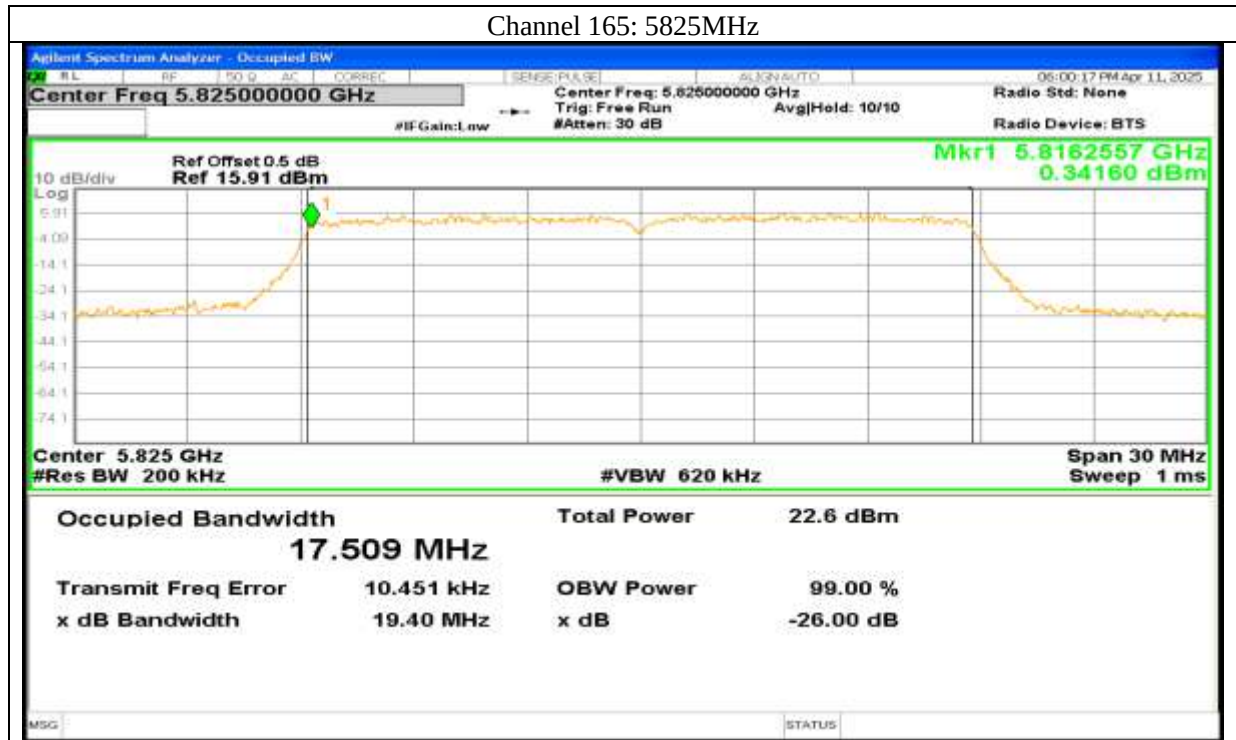
Channel 149: 5745MHz



Channel 157: 5785MHz



Report No.: AAEMT/RF/250402-01-04



99% OBW 802.11ac20

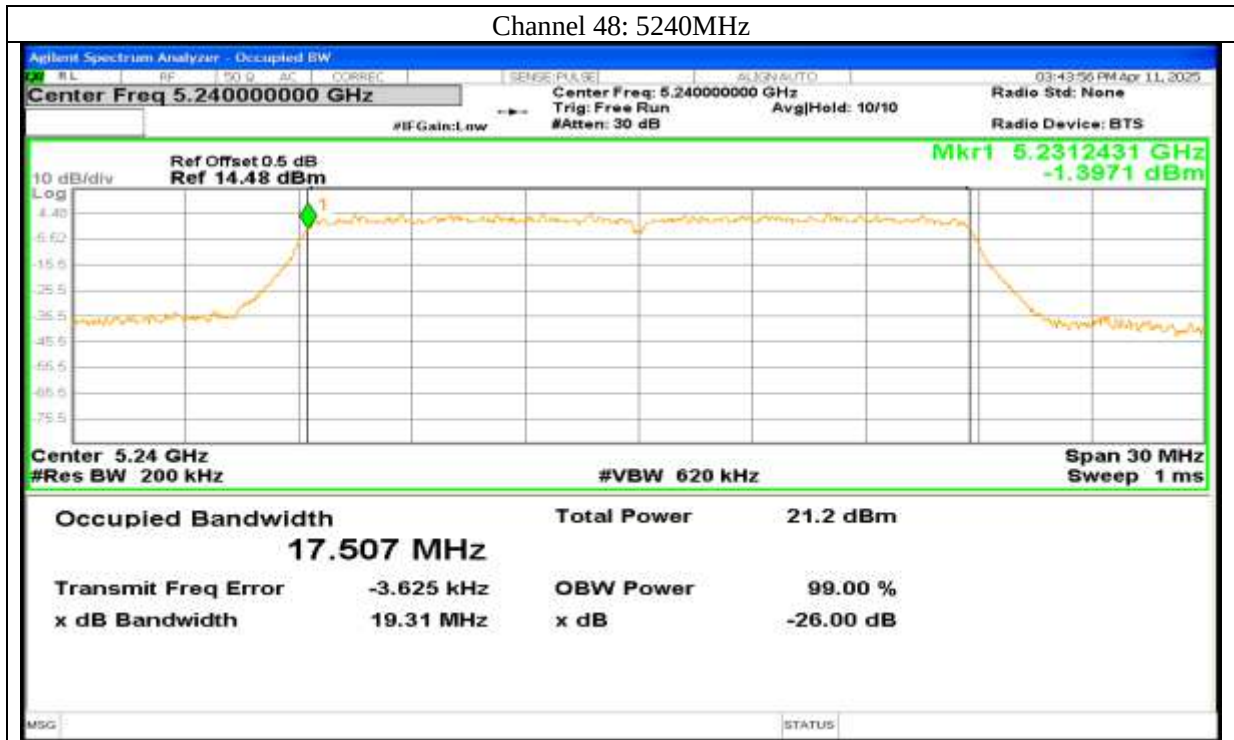
Channel 36: 5180MHz



Channel 40: 5200MHz



Report No.: AAEMT/RF/250402-01-04



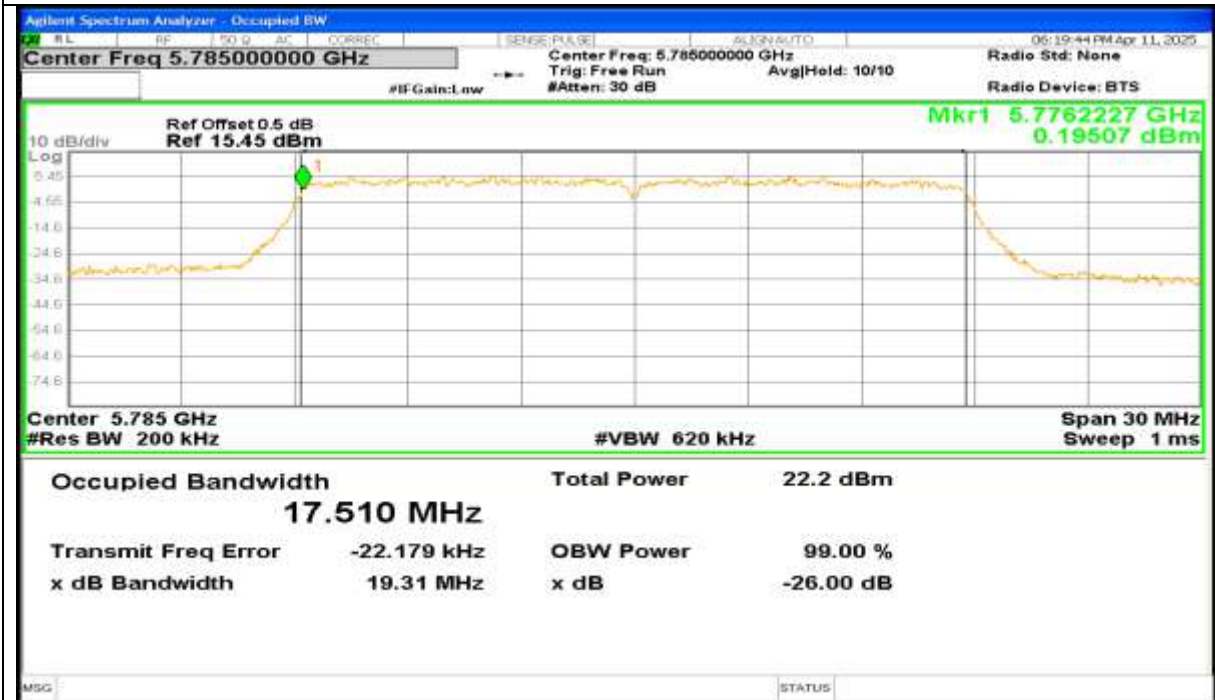
Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11ac20

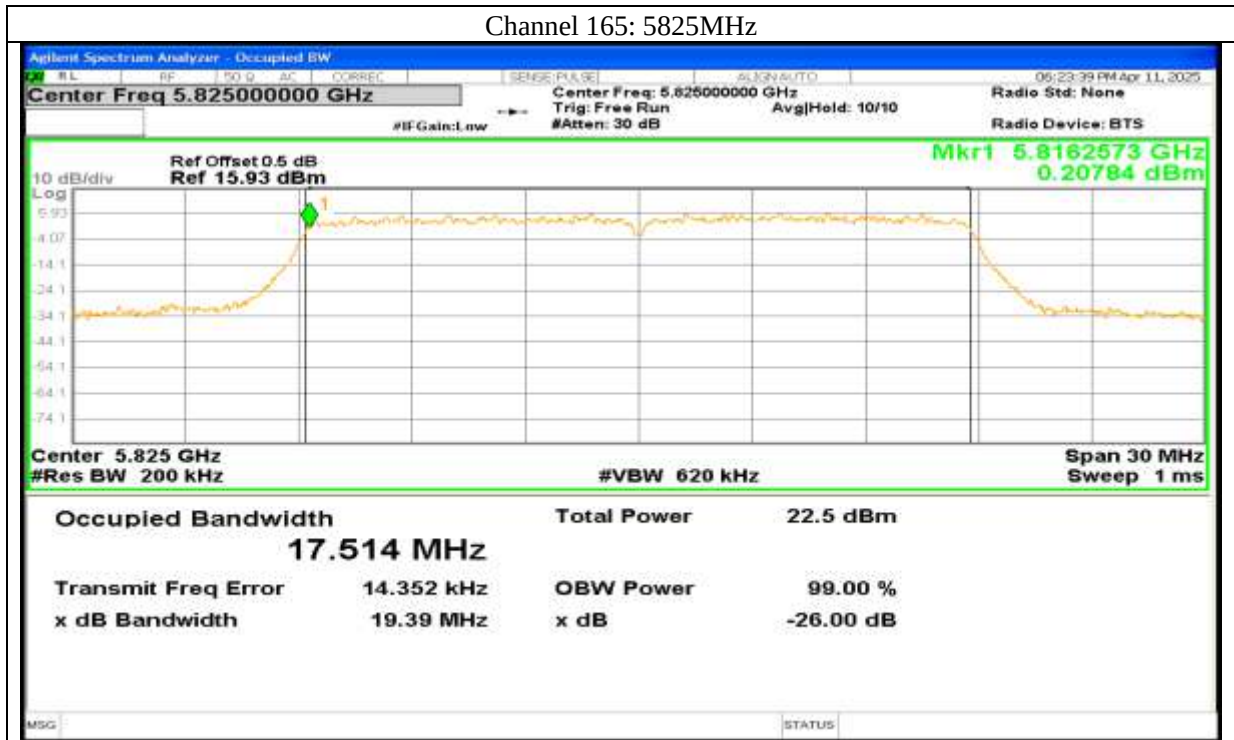
Channel 149: 5745MHz



Channel 157: 5785MHz



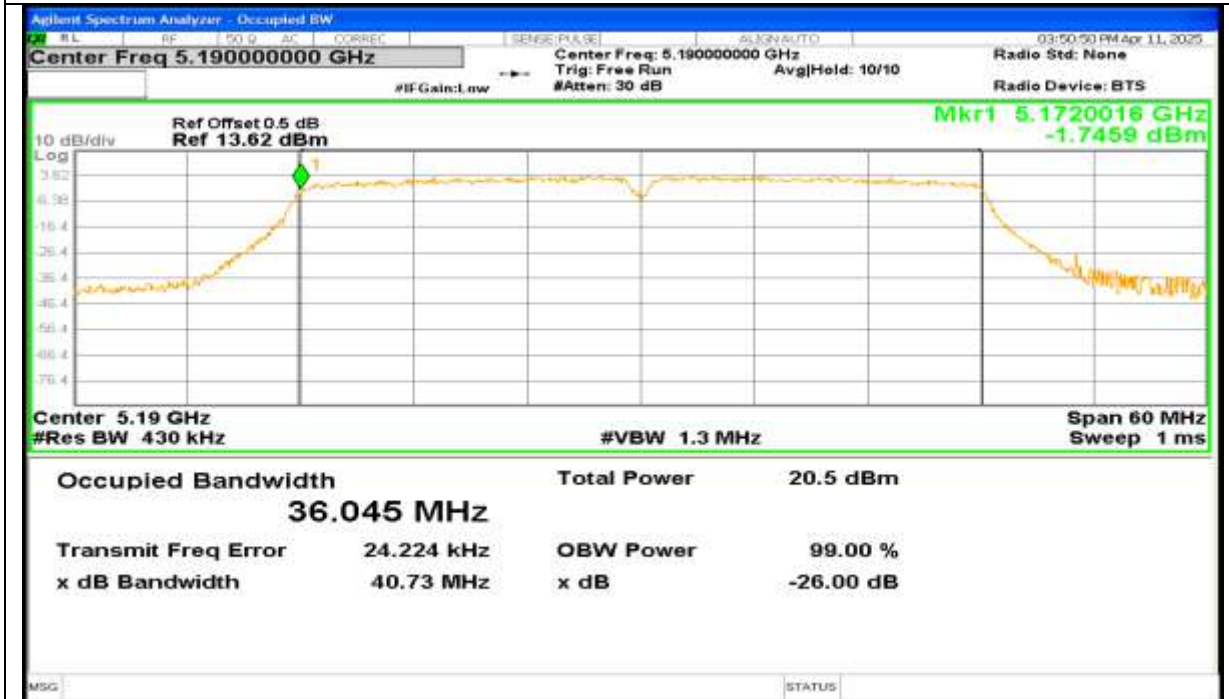
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11n40

Channel 38: 5190MHz



Channel 46: 5230MHz



Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11n40

Channel 151: 5755MHz



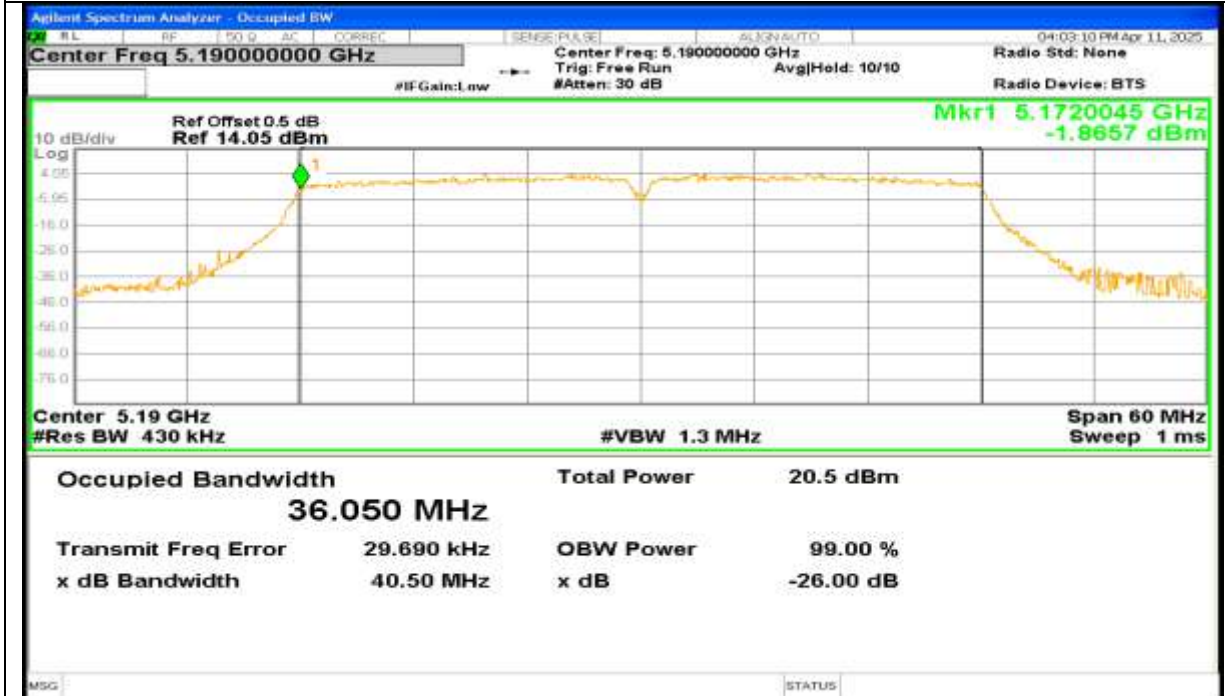
Channel 159: 5795MHz



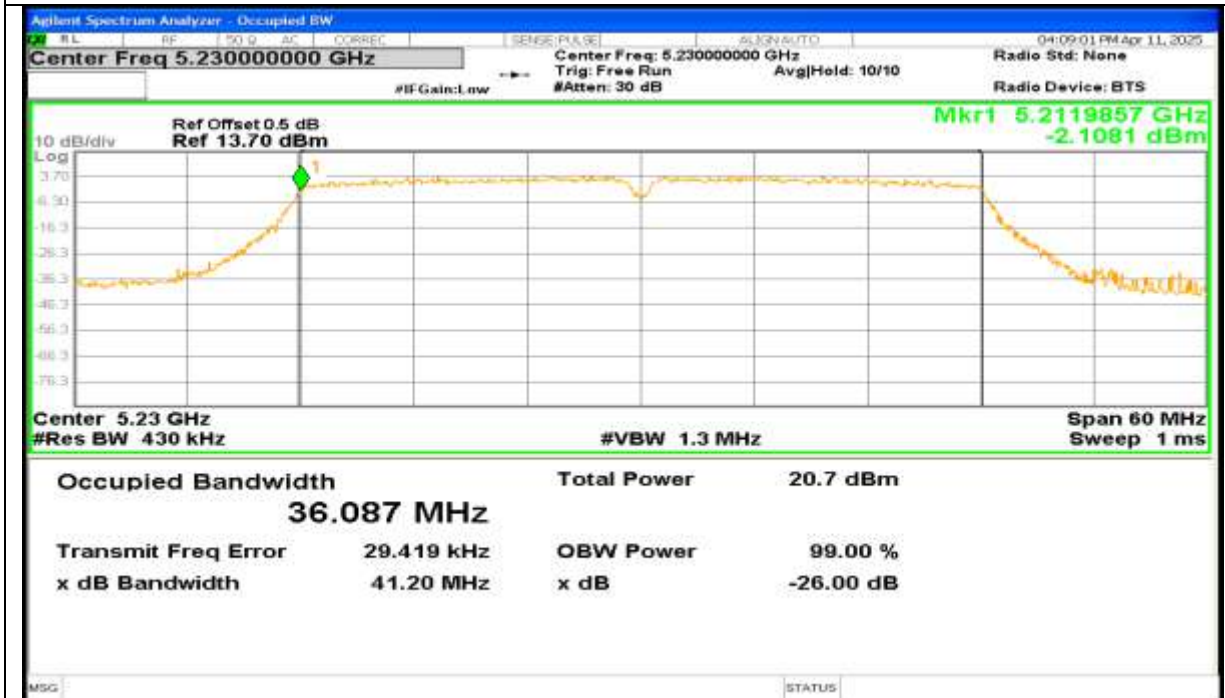
Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11ac40

Channel 38: 5190MHz



Channel 46: 5230MHz



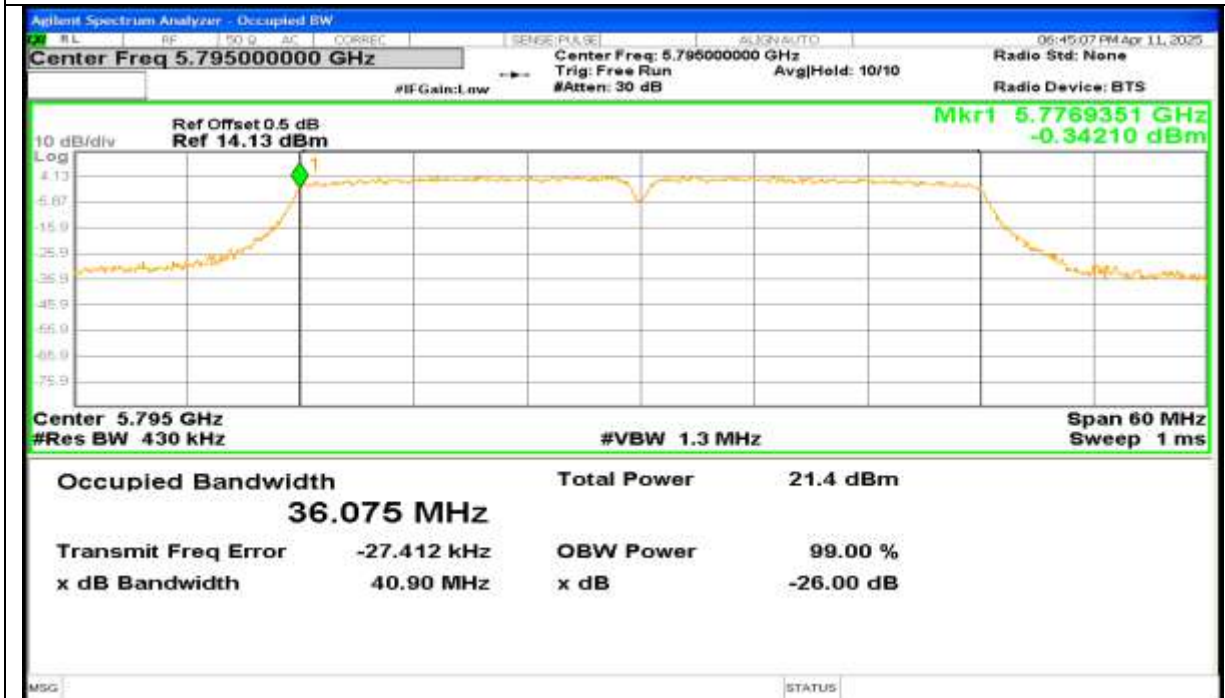
Report No.: AAEMT/RF/250402-01-04

99% OBW 802.11ac40

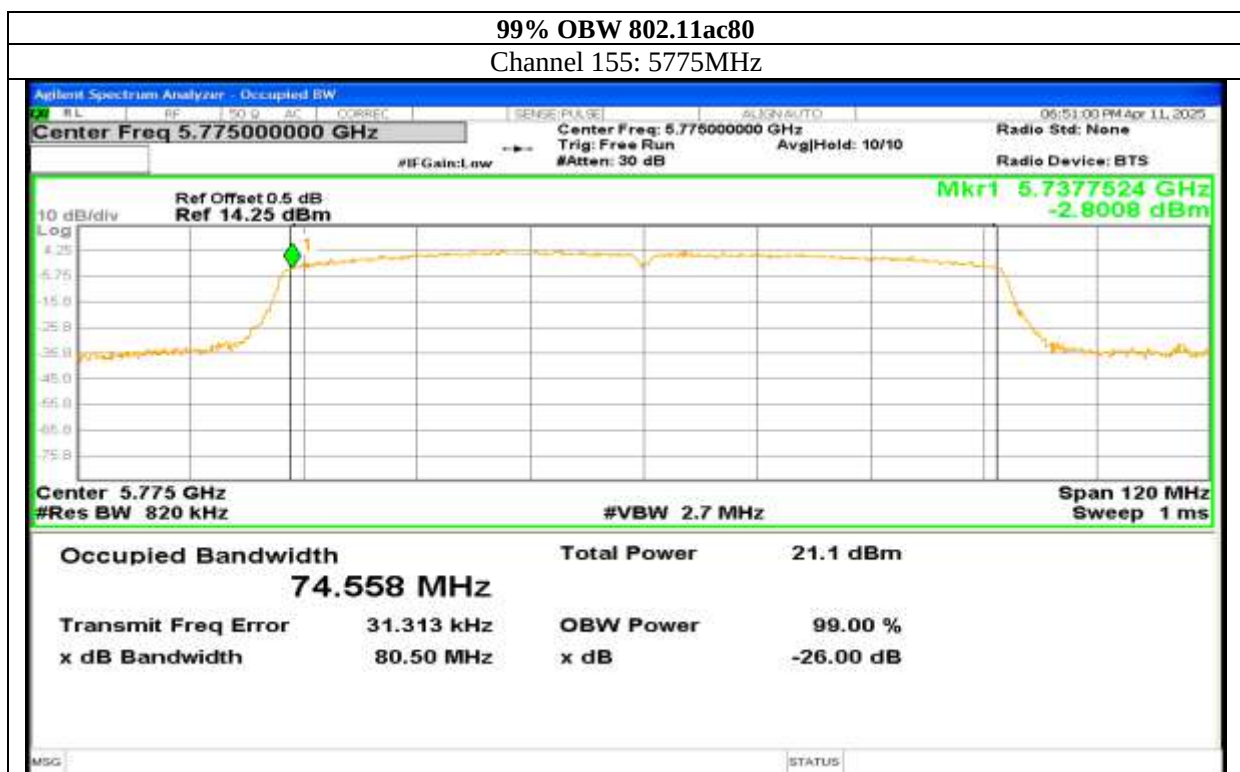
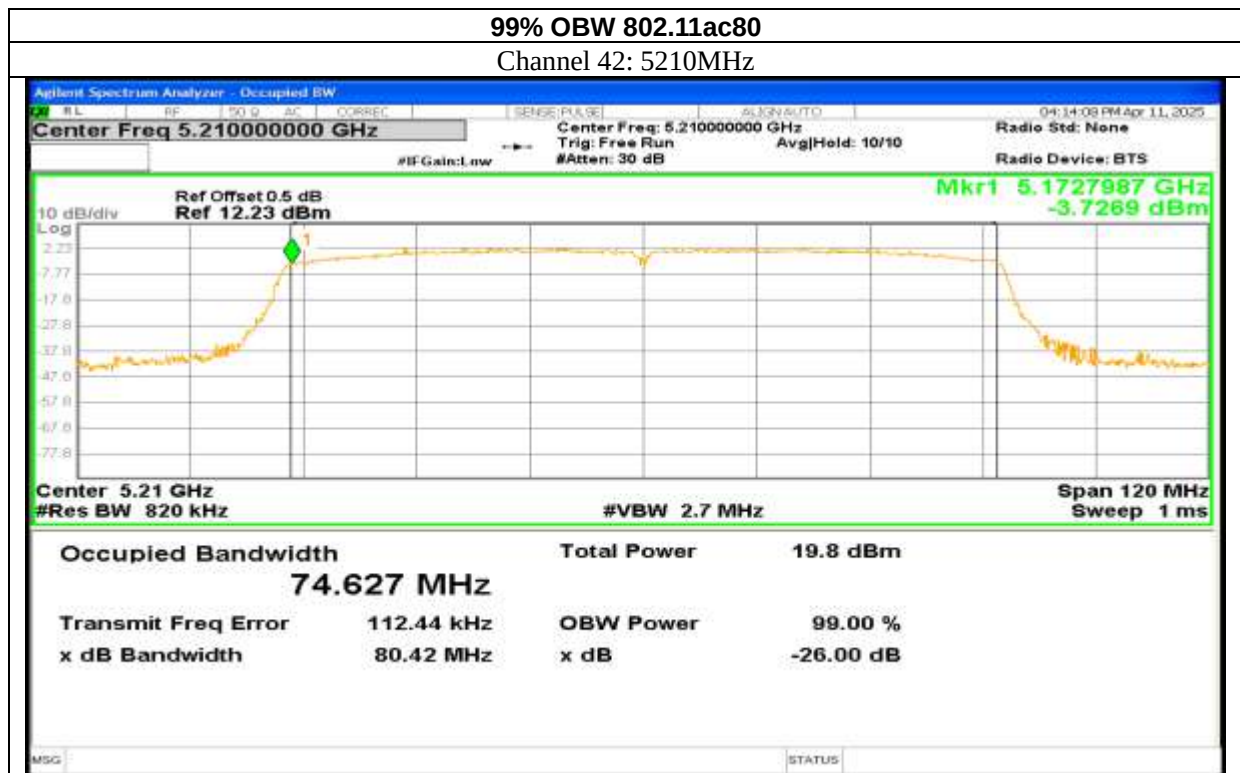
Channel 151: 5755MHz



Channel 159: 5795MHz



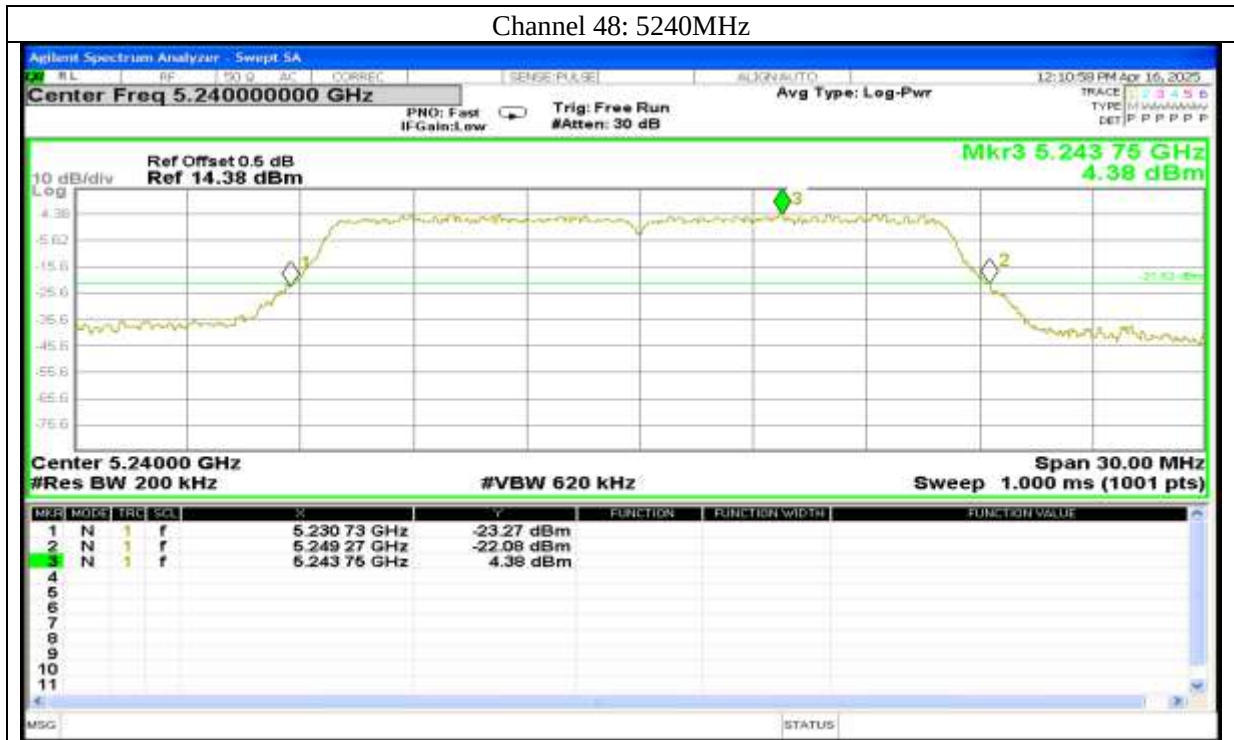
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

Antenna 1:

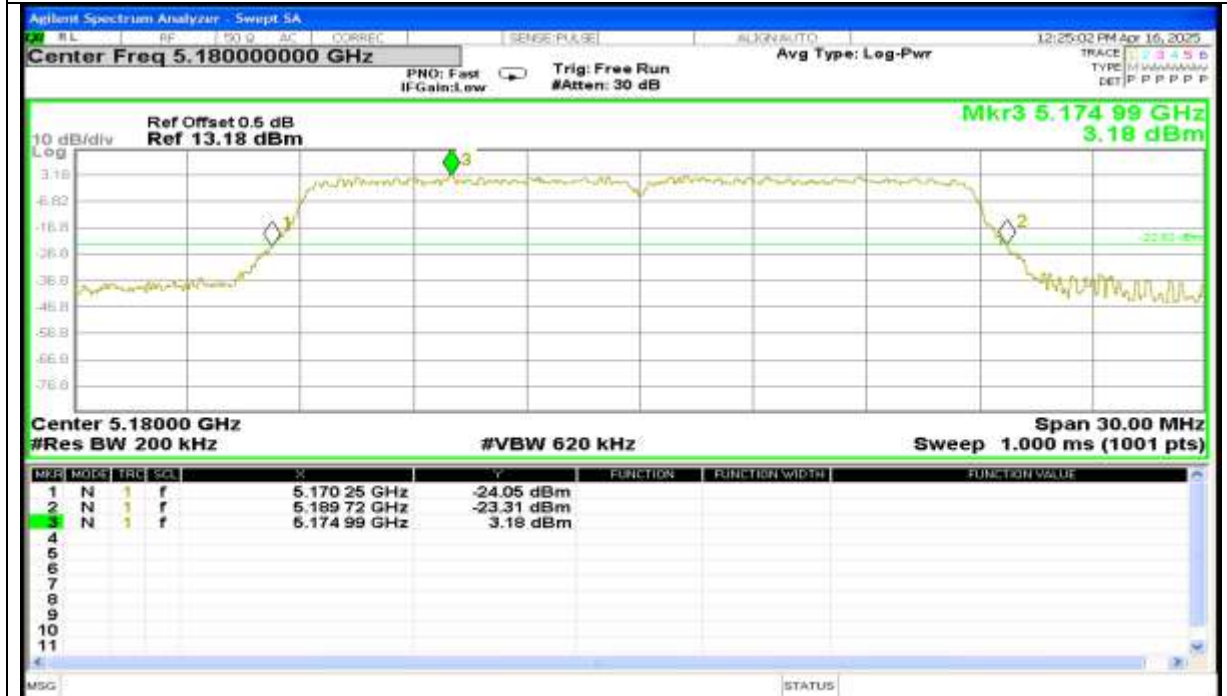




Report No.: AAEMT/RF/250402-01-04

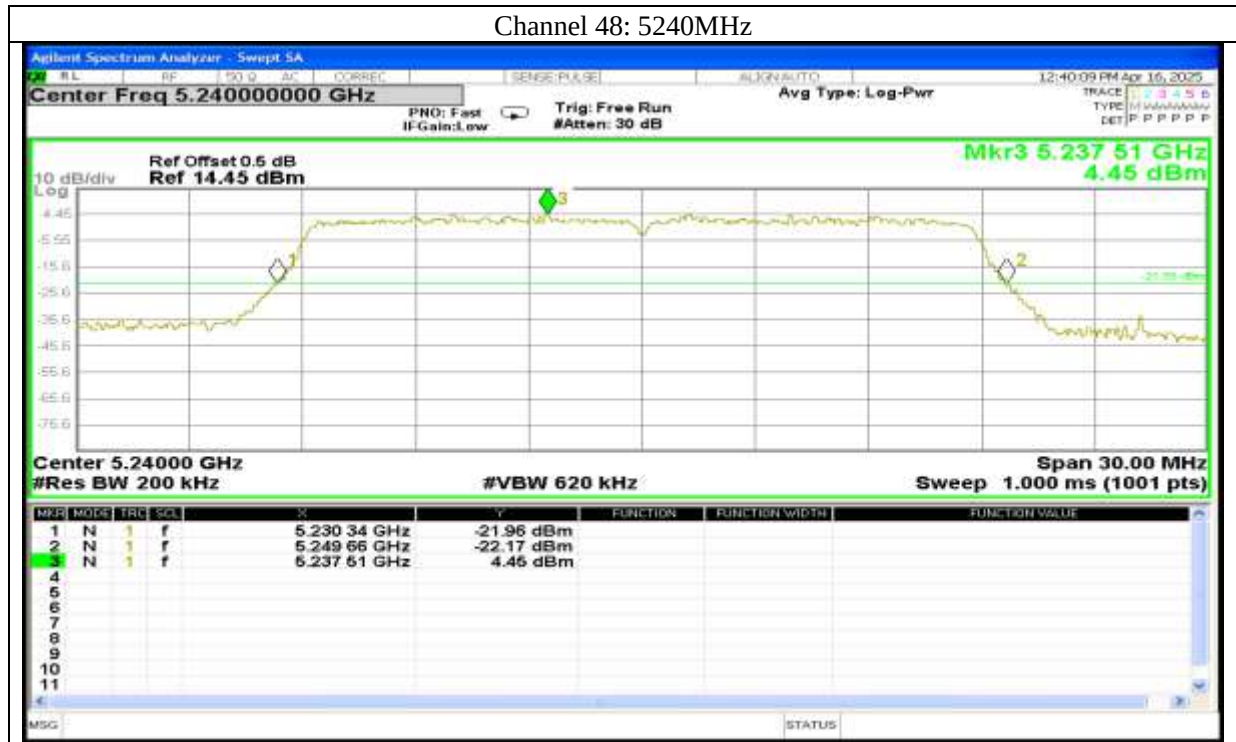
26dB BW 802.11n20

Channel 36: 5180MHz



Channel 40: 5200MHz

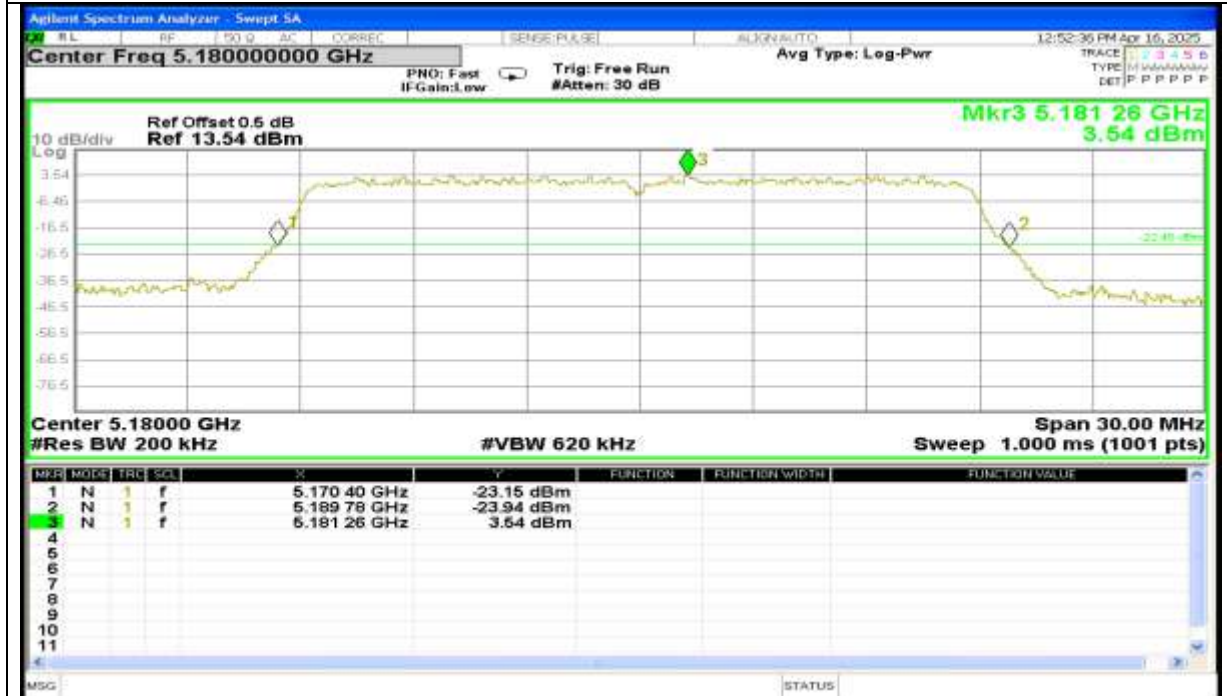




Report No.: AAEMT/RF/250402-01-04

26dB BW 802.11ac20

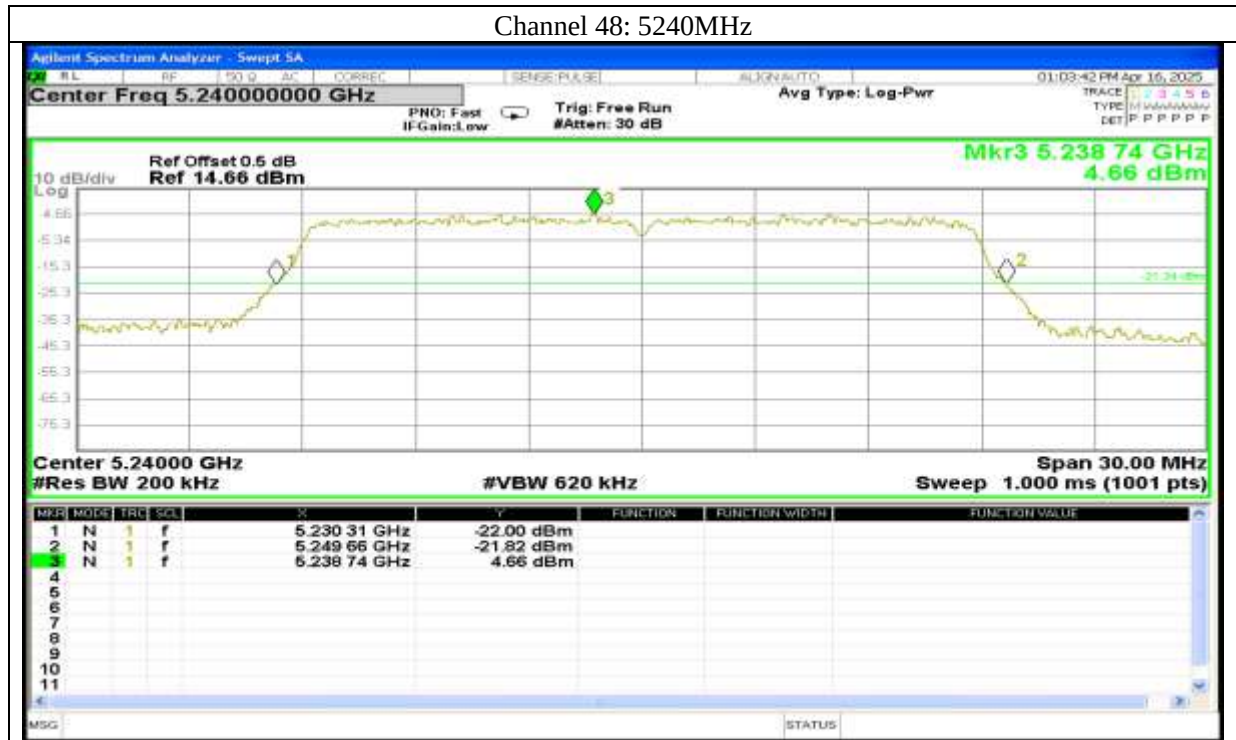
Channel 36: 5180MHz



Channel 40: 5200MHz



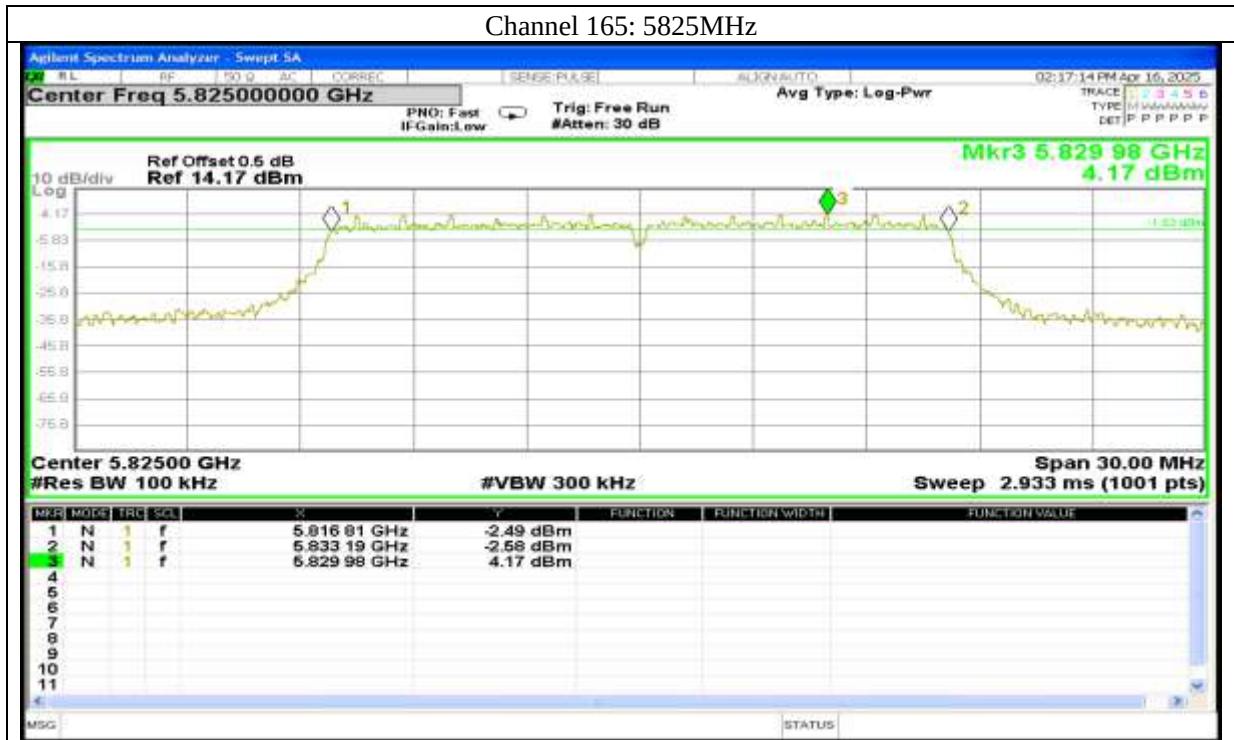
Report No.: AAEMT/RF/250402-01-04



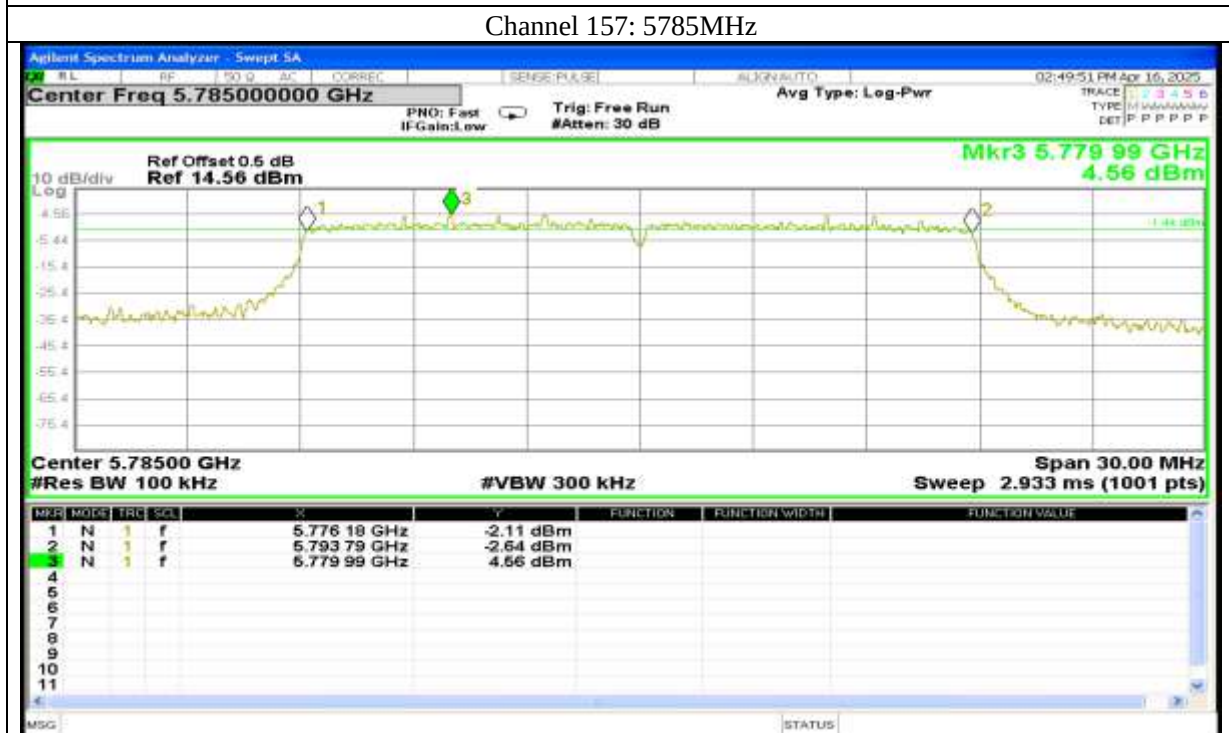
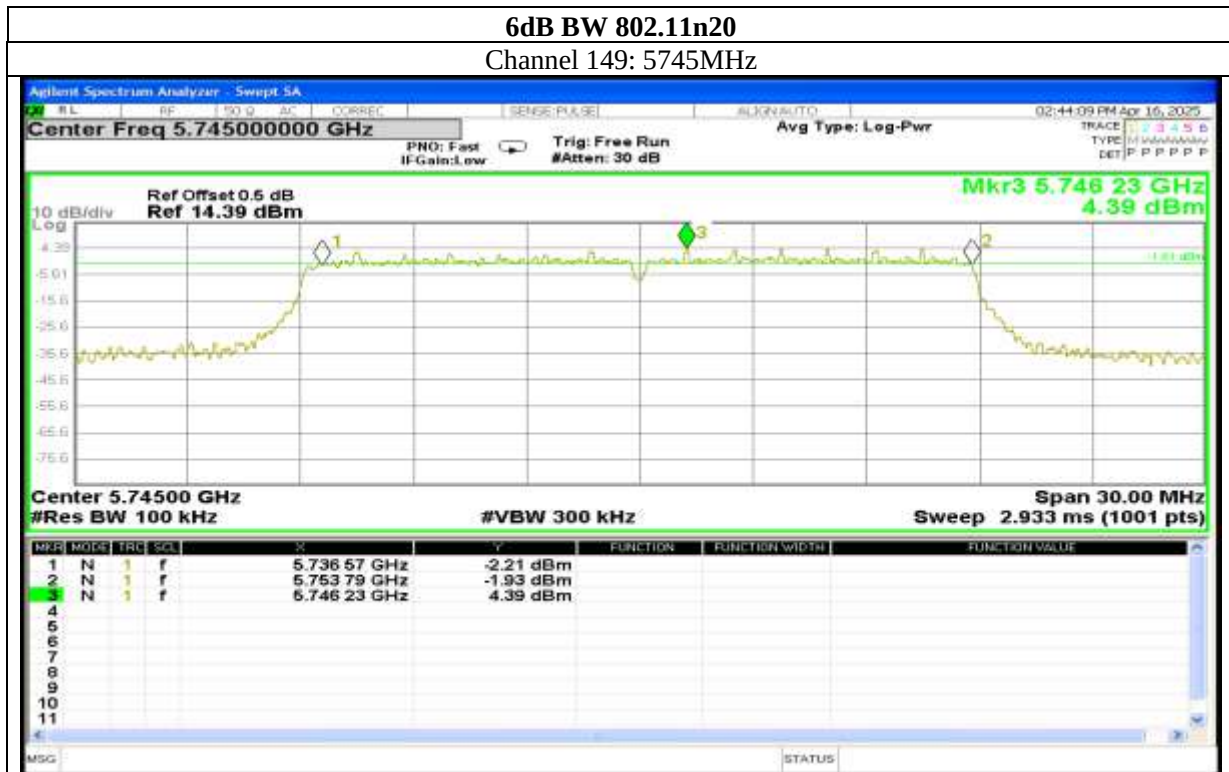
Report No.: AAEMT/RF/250402-01-04



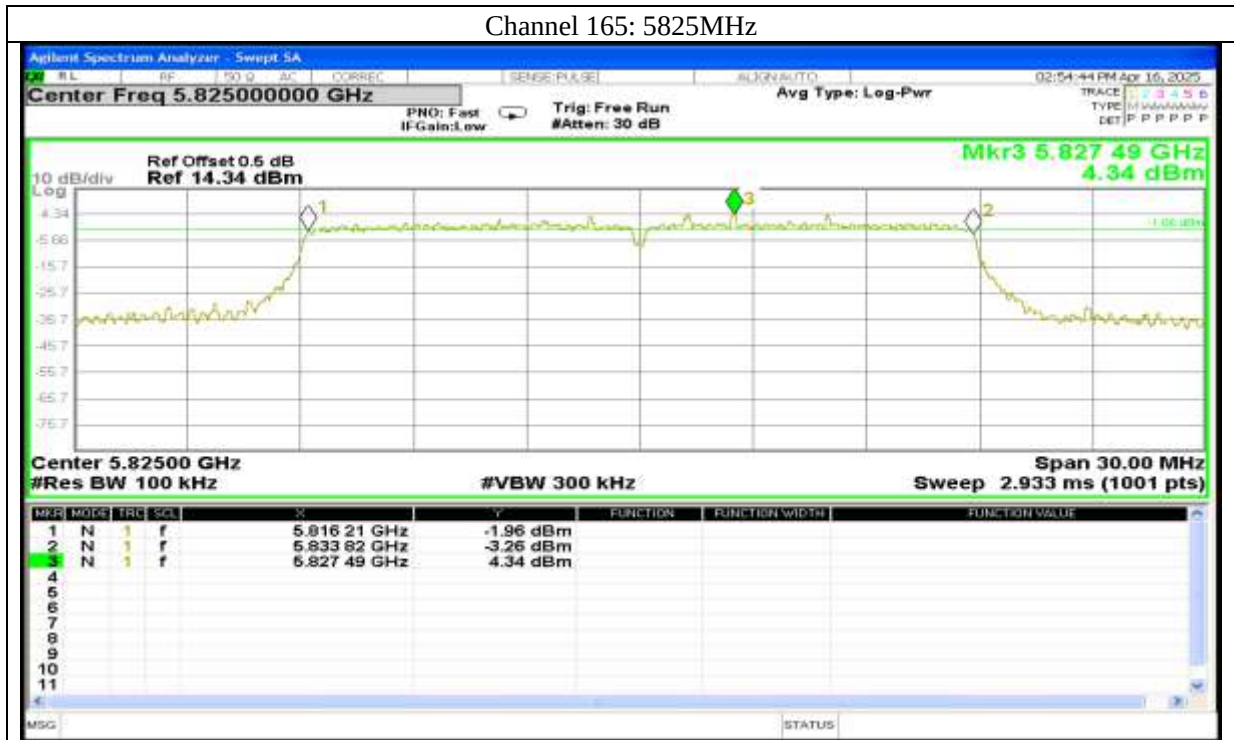
Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04



Report No.: AAEMT/RF/250402-01-04

