

TEST REPORT

Report Number: 15982156-E9V3

Applicant : APPLE INC.
1 APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A3713, A3714, A3715

Brand : APPLE

FCC ID : BCG-E9192A, BCG-E9193A, BCG-E9194A

IC : 579C-E9192A, 579C-E9193A, 579C-E9194A

EUT Description : SMARTPHONE

Test Standard(s) : FCC 47 CFR PART 15 SUBPART E
ISED RSS-248 Issue 3
ISED RSS-GEN Issue 5 + A1 + A2

Date Of Issue:
2026-07-29

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538 U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888



REPORT REVISION HISTORY

Rev.	Issue Date	Revisions	Revised By
V1	2026-07-15	Initial Review	Thu Chan
V2	2026-07-21	Updated: Cover Page, Sections: 1, 7, 9.2, 9.3, 11.4, 12	Christopher Chan
V3	2026-07-29	Updated Sections: 9.1, 9.2, 9.3, 10	Christopher Chan

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS.....	5
2. TEST RESULT SUMMARY.....	6
3. TEST METHODOLOGY	7
4. FACILITIES AND ACCREDITATION.....	7
5. DECISION RULES AND MEASUREMENT UNCERTAINTY.....	8
5.1. METROLOGICAL TRACEABILITY	8
5.2. DECISION RULES	8
5.3. MEASUREMENT UNCERTAINTY	8
5.4. SAMPLE CALCULATION	8
6. EQUIPMENT UNDER TEST	9
6.1. EUT DESCRIPTION.....	9
6.2. MAXIMUM OUTPUT POWER.....	10
6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS	11
6.4. SOFTWARE AND FIRMWARE	11
6.5. WORST-CASE CONFIGURATION AND MODE.....	12
6.6. DESCRIPTION OF TEST SETUP.....	14
7. TEST AND MEASUREMENT EQUIPMENT	18
8. MEASUREMENT METHOD	20
9. ANTENNA PORT TEST RESULTS	21
9.1. ON TIME AND DUTY CYCLE	21
9.2. 26 dB AND 99% BANDWIDTH.....	22
9.2.1. UNII-5 HIGH POWER SISO MODE	23
9.2.2. UNII-5 HIGH POWER TXBF MODE	26
9.3. VLP OUTPUT POWER AND PSD	27
9.3.1. UNII-5 BAND SISO MODE.....	29
9.3.2. UNII-5 BAND MIMO TXBF MODE	31
9.4. VLP SPURIOUS EMISSIONS IN-BAND– EMISSION MASK.....	32
9.4.1. HIGH POWER UNII-5 BAND SISO MODE	34
9.4.2. HIGH POWER UNII-5 BAND MIMO TXBF MODE.....	41
9.4.3. LOW POWER UNII-5 BAND SISO MODE	48
9.4.4. LOW POWER UNII-5 BAND MIMO TXBF MODE.....	55
10. VLP TPC.....	62
11. RADIATED TEST RESULTS	64
11.1. TRANSMITTER OUTSIDE 5.925 - 7.125 GHz, 1- 18GHz.....	66

11.1.1.	UNII-5 BAND SISO MODE – BANDEDGE – HIGH POWER	66
11.1.2.	UNII-5 BAND MIMO MODE – BANDEDGE – HIGH POWER	68
11.1.3.	UNII-5 BAND MIMO TXBF MODE - SPURIOUS EMISSIONS – HIGH POWER..	70
11.2.	WORST CASE BELOW 1 GHz – HIGH POWER	76
11.3.	WORST CASE 18-26 GHz – HIGH POWER	78
11.4.	WORST CASE 26-40 GHz – HIGH POWER	79
12.	AC POWER LINE CONDUCTED EMISSIONS	80
12.1.	EUT WITH AC ADAPTER	81
12.2.	EUT WITH LAPTOP	83
13.	SETUP PHOTOS	85
14.	SPOT CHECK EVALUATION	85
14.1.	MODEL DIFFERENCES	85
14.2.	SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3714	86
14.3.	SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3715	86

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE INC. 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.		
Model	A3713, A3714, A3715		
Brand	APPLE		
FCC ID	BCG-E9192A, BCG-E9193A, BCG-E9194A		
IC	579C-E9192A, 579C-E9193A, 579C-E9194A		
EUT Description	SMARTPHONE		
Serial Number	N94NF607W6, D3NXCL26MX, CWYGJJ1HJK (Radiated) C07HNZ000KB0001AS9, C07HT2000UG0001B9G, C07HT3000E700019GU (Conducted)		
Sample Receipt Date	2026-01-06		
Date Tested	2026-01-06 to 2026-07-22		
Applicable Standards	FCC 47 CFR Part 15 Subpart E ISED RSS-248 Issue 3 ISED RSS-GEN Issue 5 + A1 + A2		
Test Results	COMPLIES		
UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. will constitute fraud and shall nullify the document.			
Approved & Released By:		Prepared & Reviewed By:	
			
Thu Chan Staff Engineer UL Verification Services Inc.		Christopher Chan Laboratory Supervisor UL Verification Services Inc.	

2. TEST RESULT SUMMARY

This report contains data provided by the customer which can impact the validity of results. UL Verification Services Inc. is only responsible for correctly integrating customer-provided data with measurements performed by UL Verification Services Inc.

Below is a list of the data provided by the customer:

1. Antenna gain and type (see section 6.3)
2. Cable loss (see section 6.3)

Requirement Description	Requirement Clause Number (FCC)	Requirement Clause Number (ISED)	Result
Duty Cycle	-		Reporting purposes only
99% BW	§15.407 (a) (11) RSS-248 4.4 KDB 987594 D03 Q18		Complies
26dB BW			
Output Power EIRP	§15.407 (a) (9)	RSS-248 4.5.6	Complies
PSD EIRP	§15.407 (a) (9)	RSS-248 4.5.3, 4.5.5, 4.5.6	Complies
Emissions within 5.925-7.125 GHz Band (Emissions Mask)	§15.407 (b) (7)	RSS-248 4.6.2(b)	Complies
Unwanted emissions in restricted bands	§15.205	RSS-GEN 8.10	Complies
Radiated Spurious Emissions	§15.209	RSS-GEN 8.9	Complies
AC Mains Conducted Emissions	§15.207	RSS-GEN 8.8	Complies
Transmit Power Control Mechanism	§15.407 (d) (10)	RSS-248 4.5.6	Complies

3. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- FCC 47 CFR Part 2
- FCC 47 CFR Part 15E
- FCC KDB 414788 D01 Radiated Test Site
- FCC KDB 662911 D01 Multiple Transmitter Output
- FCC KDB 789033 D02 General UNII Test Procedures New Rules
- FCC KDB 987594 D01 General Requirements
- FCC KDB 987594 D02 EMC Measurement
- FCC KDB 484596 D01 Referencing Test Data
- RSS-248 Issue 3
- RSS-GEN Issue 5 + A1 +A2
- ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024

4. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☒	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☒	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

5. DECISION RULES AND MEASUREMENT UNCERTAINTY

5.1. METROLOGICAL TRACEABILITY

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

5.2. DECISION RULES

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4:2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U _{Lab}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	0.450 dB (Ave), 1.30 dB (PK)
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

Uncertainty figures are valid to a confidence level of 95%.

5.4. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
 $36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.
 $36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$

6. EQUIPMENT UNDER TEST

6.1. EUT DESCRIPTION

The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5G NR1, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT RX only) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible.

This report covers the NB UNII-5 band, which operates in the frequency range of 6106-6420MHz, equipped with VLP client device.

6.2. MAXIMUM OUTPUT POWER

The transmitter has a maximum EIRP output power as follows:

UNII-5 Frequency Range (MHz)	Mode	Antenna	Configuration	Output Power EIRP (dBm)	Output Power EIRP (mW)
6106 -6420	BDR	Ant 6	High Power	-6.09	0.25
			Low Power	-6.07	0.25
		Ant 16	High Power	-7.39	0.18
			Low Power	-7.4	0.18
		BF, Ant 6 + Ant 16	High Power	-7.75	0.17
			Low Power	-7.77	0.17
6106 -6420	LE1M	Ant 6	High Power	-5.79	0.26
			Low Power	-5.76	0.27
		Ant 16	High Power	-7.12	0.19
			Low Power	-7.12	0.19
		BF, Ant 6 + Ant 16	High Power	-7.26	0.19
			Low Power	-7.26	0.19
6106 -6420	LE2M	Ant 6	High Power	-5.03	0.31
			Low Power	-5.02	0.31
		Ant 16	High Power	-6.15	0.24
			Low Power	-6.15	0.24
		BF, Ant 6 + Ant 16	High Power	-6.47	0.23
			Low Power	-6.53	0.22
6106 -6420	HDT4	Ant 6	High Power	-3.60	0.44
			Low Power	-3.59	0.44
		Ant 16	High Power	-4.65	0.34
			Low Power	-4.13	0.39
		BF, Ant 6 + Ant 16	High Power	-4.98	0.32
			Low Power	-5.01	0.32
6106 -6420	HDR4	Ant 6	High Power	-3.79	0.42
			Low Power	-3.76	0.42
		Ant 16	High Power	-5.13	0.31
			Low Power	-5.12	0.31
		BF, Ant 6 + Ant 16	High Power	-5.26	0.30
			Low Power	-5.28	0.30
6107 -6420	HDRPM4	Ant 6	High Power	-1.02	0.79
			Low Power	-1.52	0.70
		Ant 16	High Power	-2.19	0.60
			Low Power	-2.15	0.61
		BF, Ant 6 + Ant 16	High Power	-2.47	0.57
			Low Power	-2.46	0.57
6109-6417	XHDRPL12	Ant 6	High Power	1.92	1.56
			Low Power	-1.51	0.71
		Ant 16	High Power	0.89	1.23
			Low Power	0.32	1.08
		BF, Ant 6 + Ant 16	High Power	0.52	1.13
			Low Power	0.5	1.12

6.3. DESCRIPTION OF AVAILABLE ANTENNAS AND CABLE LOSS

The antenna(s) gain and type, cable loss as provided by the manufacturer are as follows:

Antenna Type is PIFA.

Frequency Range (MHz)	Sub-band (MHz)	Antenna 6 (dBi)	Antenna 16 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
6105 - 6425 UNII-5	Sub-band 2 (6115 - 6265)	-3.00	-1.10	-2.70	0.30
	Sub-band 3 (6265 - 6415)	-3.40	-2.30	-2.80	0.20

Note: antenna C0 and antenna C1 indicated in power tune-up document pertain to Ant 6 and ANT 16 of this report respectively.

Cable: SMA

Cable Loss		
Frequency Range (MHz)	Antenna 6 (dBi)	Antenna 16 (dBi)
5925-6105	-3.09	-2.89
6105-6265	-3.09	-2.89
6265-6425	-3.09	-2.89

Cable loss used for RF antenna port tests was included in offset of the test equipment during testing.

6.4. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was 24A343.

6.5. WORST-CASE CONFIGURATION AND MODE

This report is to document the very low power client mode only.

The EUT was investigated in three orthogonal orientations X, Y and Z on ANT 6, ANT 16 and 2TX. The following table exhibits the worst-case orientation. The full tests of the EUT have been made upon the orientations shown in the table below.

Band	ANT6	ANT16	ANT6+16
6GHz	Z-Portrait	Y-Landscape	Y-Landscape

For Radiated band edge test, all test modes have been investigated with power setting equal or higher than conducted SISO modes as worst-case scenario and no emissions at both lower and upper band edges were found.

For the radiation spurious harmonics testing, we have investigated both SISO and MIMO modes under low power and high power, only high power mode data is included in the report, as this represents the worst case.

2TX Beamforming modes were used to perform on radiated harmonic spurious final test to cover all SISO modes. Max power was tuned to maximum based among all the modes. For testing purposes, radiated harmonics spurious below 1GHz, 1-18GHz L/M/H channels, 18-40GHz, and power line conducted emissions were performed with the EUT set at the 2TX Beamforming mode with power setting equal or higher than conducted SISO modes as worst-case scenario.

Below 1GHz tests were performed with EUT connected to AC power adapter as the worst case; and for above 1GHz, the worst-case configuration reported was tested with EUT only. For AC line conducted emission, test was investigated with AC power adapter and with laptop. There were no emissions found below 30MHz within 20dB of the limit.

TPC test data was reused from reference model since antenna gain changes are small and do not impact these results given the large margins of compliance.

All simultaneous transmission combinations have been investigated, and no signal emissions were observed.

Plots included in the report are representative of the method and settings parameters used for the test.

After the investigation, the worst case of power and PSD modes selected for test are as shown in the table shown below.

UNII-5				
Mode	Modulation	Frequency Range (MHz)	Worst Case Tone	
			Power	PSD
BT5G	BDR	6106-6420	X	X
	EDR	6106-6420		
LE	LE Adv	6106-6420		
	LE1M		X	X
	LE2M	6106-6420	X	X
	HDT2	6106-6420		
	HDT3			
	HDT4		X	X
	HDT6			
	HDT8			
HDR	HDR4	6106-6420	X	X
	HDRPS2			
	XHDRPS2			
	HDR8	6107-6420		
	HDRPM4		X	X
	HDRPM6			
	HDRPM8			
	XHDRPM4			
	XHDRPM6			
	XHDRPM8			
	HDRPM12			
	HDRPM16			
	XHDRPM12			
	XHDRPM16			
	HDRPL8	6109-6417		
	HDRPL12			
	HDRPL16			
	XHDRPL8			
	XHDRPL12		X	X
	XHDRPL16			
	HDRPL24			
	HDRPL32			
	XHDRPL24			
	XHDRPL32			

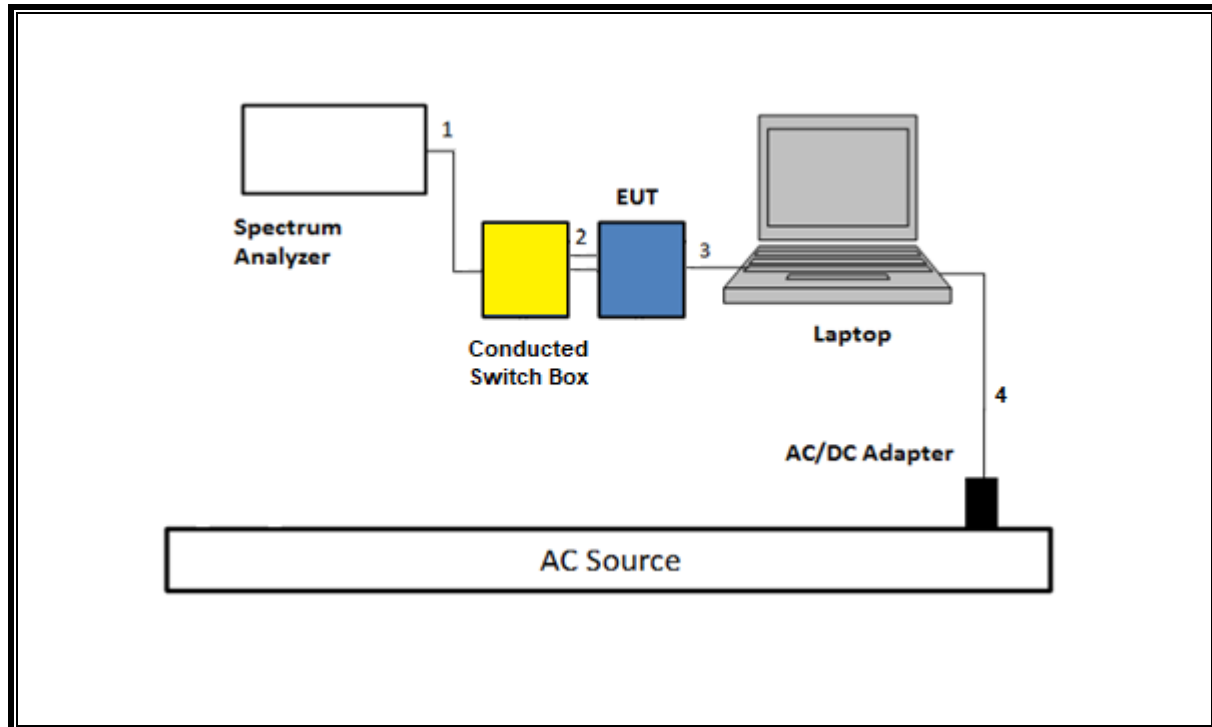
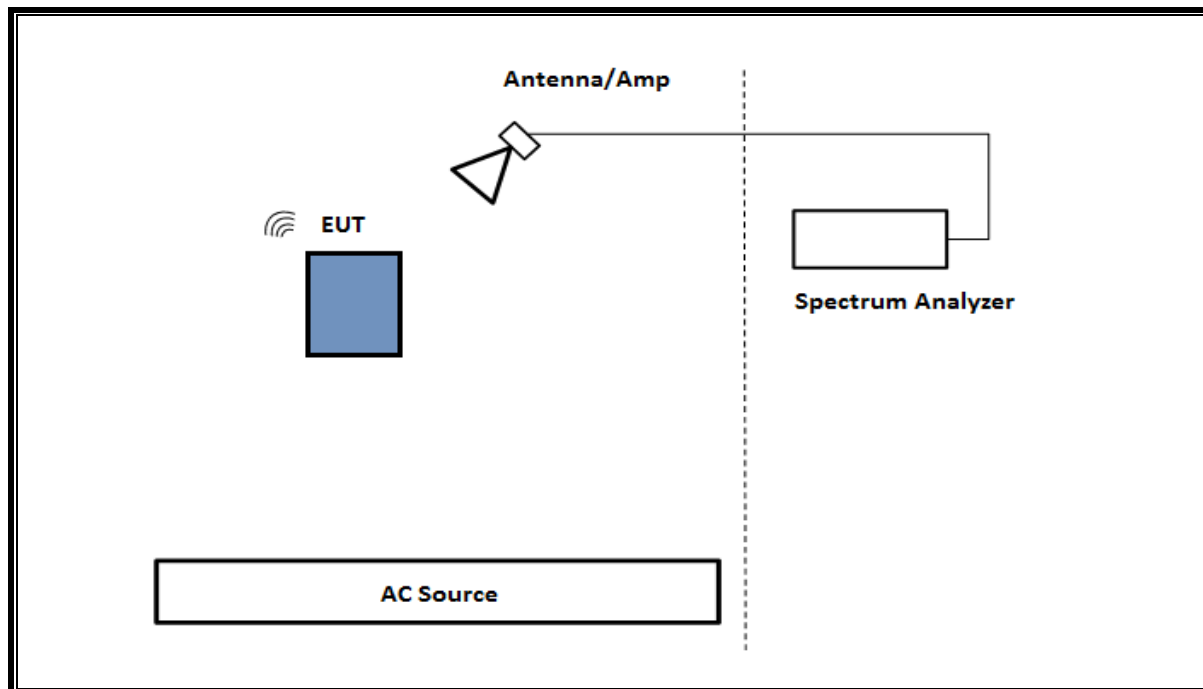
6.6. DESCRIPTION OF TEST SETUP

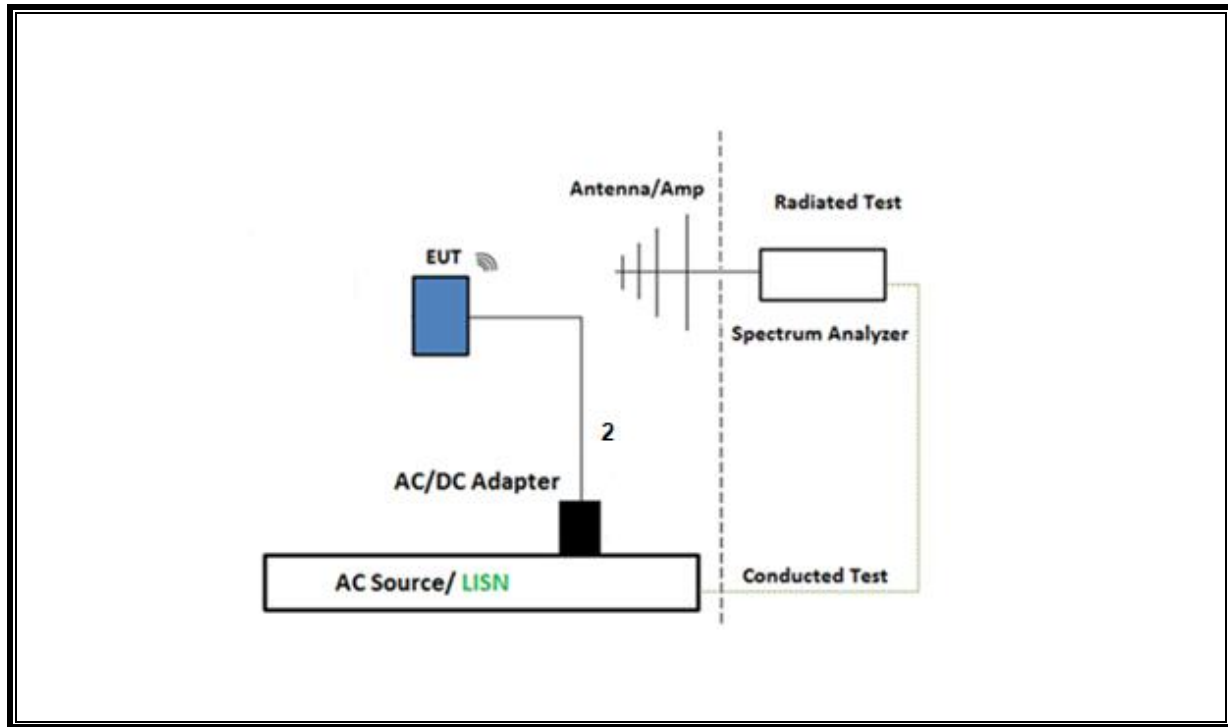
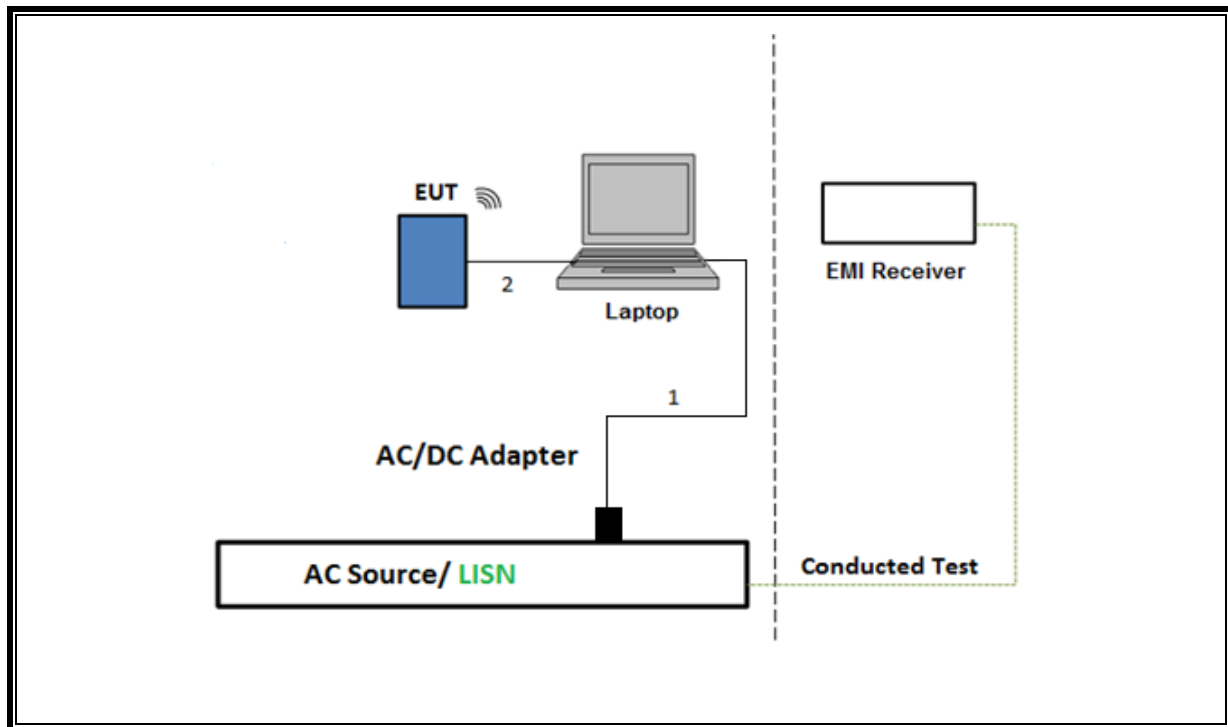
SUPPORT TEST EQUIPMENT						
Description		Manufacturer	Model	Serial Number		FCC ID/ DoC
Laptop		Apple	Macbook Pro	C02VD7SAHV22		BCGA1708
Laptop AC/DC adapter		Liteon Technology	A1424	NSW25679		DoC
EUT AC/DC adapter		Apple	A1720	C3D8417A7R93KVPA8		DoC
Conducted Switch Box		UL	n/a	208281		N/A
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	SMA	1	SMA	Shielded	0.2	To spectrum Analyzer
2	Antenna	2	SMA	Shielded	0.2	EUT to Switchbox
3	USB	1	USB-C	Shielded	1.0	N/A
4	DC	1	DC	Shielded	2	N/A
I/O CABLES (RF RADIATED AND AC LINE CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	DC	Shielded	2	N/A
2	USB	1	USB-C	Shielded	1	N/A
I/O CABLES (TPC CONDUCTED TEST)						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	AC	1	2-Prong	Un-shielded	1	DC to AC Mains
2	DC	1	DC	Shielded	1.5	N/A
3	USB-C	1	USB-C	Shielded	1.0	N/A
4	SMA	4	SMA	Shielded	0.75	To PXA, coupler, step attenuator and companion device

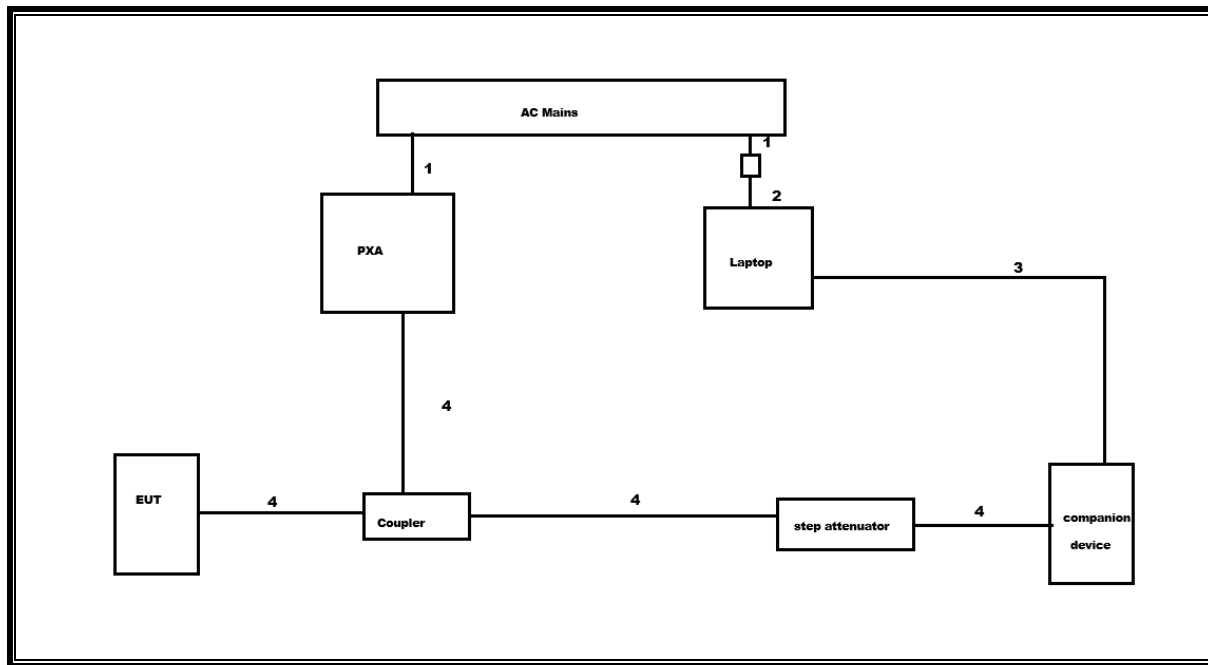
TEST SETUP

The EUT setup is shown as below. Test software exercised the radio card.

Note, For TPC test, companion device is same device type and model as the EUT and is used to establish a peer-to-peer link.

SETUP DIAGRAM FOR CONDUCTED TESTS**SETUP DIAGRAM FOR RADIATED TESTS Above 1 GHz**

SETUP DIAGRAM FOR Below 1GHz and AC LINE CONDUCTED TEST**TEST SETUP- AC LINE CONDUCTED: LAPTOP CONFIGURATION**

SETUP DIAGRAM FOR TPC TEST

7. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	Manufacturer	Model	ID Num	Cal Due
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	80707	2027-08-31
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	RATS 1.0	171875	2027-03-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	245268	2027-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	222740	2027-09-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	RATS 1.0	171389	2027-03-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	201497	2027-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	226672	2028-03-31
RF Filter Box, 1-18GHz, 12 Port.	UL-FR1	Frankenstein	231876	2027-05-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	201497	2027-02-28
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	226673	2028-03-31
Filter Box	UL-FR1	Frankenstein, 1 Amp, 12 Port	231874	*2026-06-29
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	235670	2027-02-28
Antenna, Passive Loop, 30Hz - 1MHz	Electro-Metrics	EM-6871	170014	2027-09-30
Antenna, Passive Loop, 100kHz to 30MHz	Electro-Metrics	EM-6872	170016	2027-09-30
Amplifier, 9KHz to 1GHz, 32dB	SONOMA INSTRUMENT	310	224489	*2026-05-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	191428	2027-02-28
Amplifier 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	230311	*2026-05-30
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	204045	2027-05-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	235670	2027-02-28
Antenna, Horn 18-26.5GHz	A.R.A	MWH-1826/B	81139	2027-10-31
Link File, RF Amplifier Assembly, 18-26.5GHz, 60dB Gain	Amplical	AMP18G26.5-60	220194	2027-10-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	226078	2027-02-28
Spectrum Analyzer, PXA, 3Hz to 44GHz	N9030A	Keysight Technologies Inc	80397	2027-01-31
Spectrum Analyzer, PXA, 3Hz to 44GHz	N9030A	Keysight Technologies Inc	125179	2027-01-31
Conducted Switch Box	UL-FR1	CSB	245782	2026-10-31
Conducted Switch Box	UL-FR1	CSB	208281	2026-10-31
Power Meter, P-series single channel	Keysight Technologies Inc	N1911A	90715	2027-01-22
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	81319	2027-01-31
Antenna, Horn 26.5 to 40GHz	A.R.A.	MWH-2640/B	81105	2027-10-31
Link File, RF Amplifier Assembly, 26-40GHz, 65dB Gain	AMPLICAL	AMP26G40-65	220193	2027-10-31

AC Line Conducted				
Description	Manufacturer	Model	ID Num	Cal Due
EMI Test Receiver	Rohde & Schwarz	ESCI 7	82297	2027-02-28
Transient Limiter / Attenuator	Tekbox	TBFL1	207996	2026-12-30
LISN	Fischer Custom Communications, Inc.	FCC-LISN-50/250-25-2-01-480V	175765	2027-01-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	Antenna Port	Ver 2022.8.16, 2024.2.23	
Conducted Software	UL	Station Tool	V2026.6.0	
Radiated Software	UL	UL EMC	Ver 9.5, Aug 25, 2025	
AC Line Conducted Software	UL	UL EMC	Ver 9.5, Aug 25, 2025	

TPC CONDUCTED TEST				
Description	Manufacturer	Model	ID Num	Cal Due
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A	80400	2027-01-31
Step Attenuator 70dB	HP	8495B	2406A01354	N/A
Directional Coupler	Pasternack Enterprises	PE2210-10	83605	2027-02-28

*Testing is completed before equipment expiration date.

8. MEASUREMENT METHOD

TEST ITEM	TEST METHOD
On Time and Duty Cycle	KDB 789033 D02, Section II - B
26 dB Emission BW	KDB 789033 D02, Section II - C.1
99% Occupied BW	KDB 789033 D02, Section II - D
Conducted Output Power	KDB 789033 D02, Section II - E.3.b
Power Spectral Density	KDB 789033 D02, Section II - F
Spurious emissions within 5.925-7.125 GHz Band (Emissions Mask)	KDB 987594 D02, EMC Measurement, Section II - J
Unwanted Emissions in Restricted Bands	KDB 789033 D02, Sections II - G.3, G.4, G.5, and G.6
Unwanted Emissions in Non-Restricted Bands	KDB 789033 D02, Sections II - G.3, G.4, and G.5
AC Power Line Conducted Emissions	ANSI C63.10, Section 6.2
Radiated Spurious Emissions Below 30MHz	ANSI C63.10, Section 6.4

9. ANTENNA PORT TEST RESULTS

9.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only.

PROCEDURE

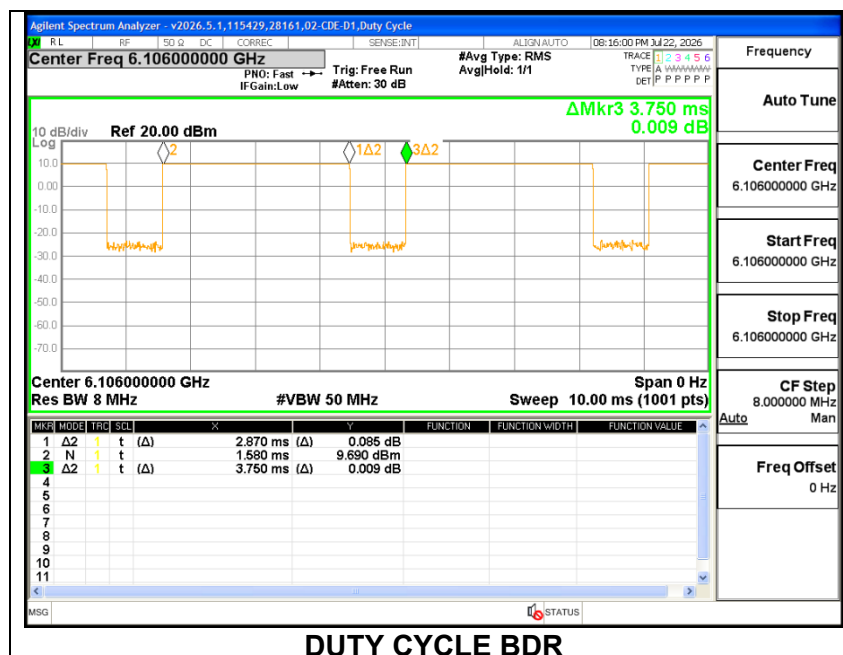
ANSI C63.10, Subclause 12.2.

ON TIME AND DUTY CYCLE RESULTS

Mode	ON Time T (msec)	Period (msec)	Duty Cycle x (linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)
BDR	2.87	3.75	0.765	76.5	1.16	0.348
LE1M	2.11	2.49	0.847	84.7	0.72	0.474
LE2M	1.065	1.875	0.568	56.8	2.46	0.939
HDT4	1.10	1.18	0.932	93.2	0.30	0.909
HDR4	2.925	3.75	0.780	78.0	1.08	0.342
HDRPM4	8.13	8.73	0.931	93.1	0.31	0.123
XHDRPL12	2.23	2.50	0.892	89.2	0.50	0.448

Note: The same DCCF is used for both 1TX and 2TX

DUTY CYCLE PLOTS



9.2. 26 dB AND 99% BANDWIDTH

LIMITS

FCC §15.407

(a)(11) The maximum transmitter channel bandwidth for U-NII devices in the 5.925–7.125 GHz band is 320 megahertz.

KDB 987594 D03 U-NII 6 GHz QA, modified by FCC TCB Workshop Presentation Review of TCB PAG Submissions - October 2023, allows the maximum bandwidths to be defined by either the 26dB bandwidth or the 99% bandwidth for a 320 MHz nominal channel bandwidth and by the 26dB bandwidth for all other nominal channel bandwidths. The KDB requires that the test report show the 99% and 26 dB bandwidth for all the nominal channel bandwidths used by the device.

RSS-248 4.4

The occupied bandwidth of an RLAN device shall not exceed 320 MHz.

PROCEDURE

ANSI C63.10

Worst-Case Mode	RBW (kHz)	VBW (kHz)
BDR	30	91
LE1M	30	91
LE2M	30	91
HDT4	43	150
HDR4	30	91
HDRPM4	82	270
XHDRPL12	200	620

RESULTS

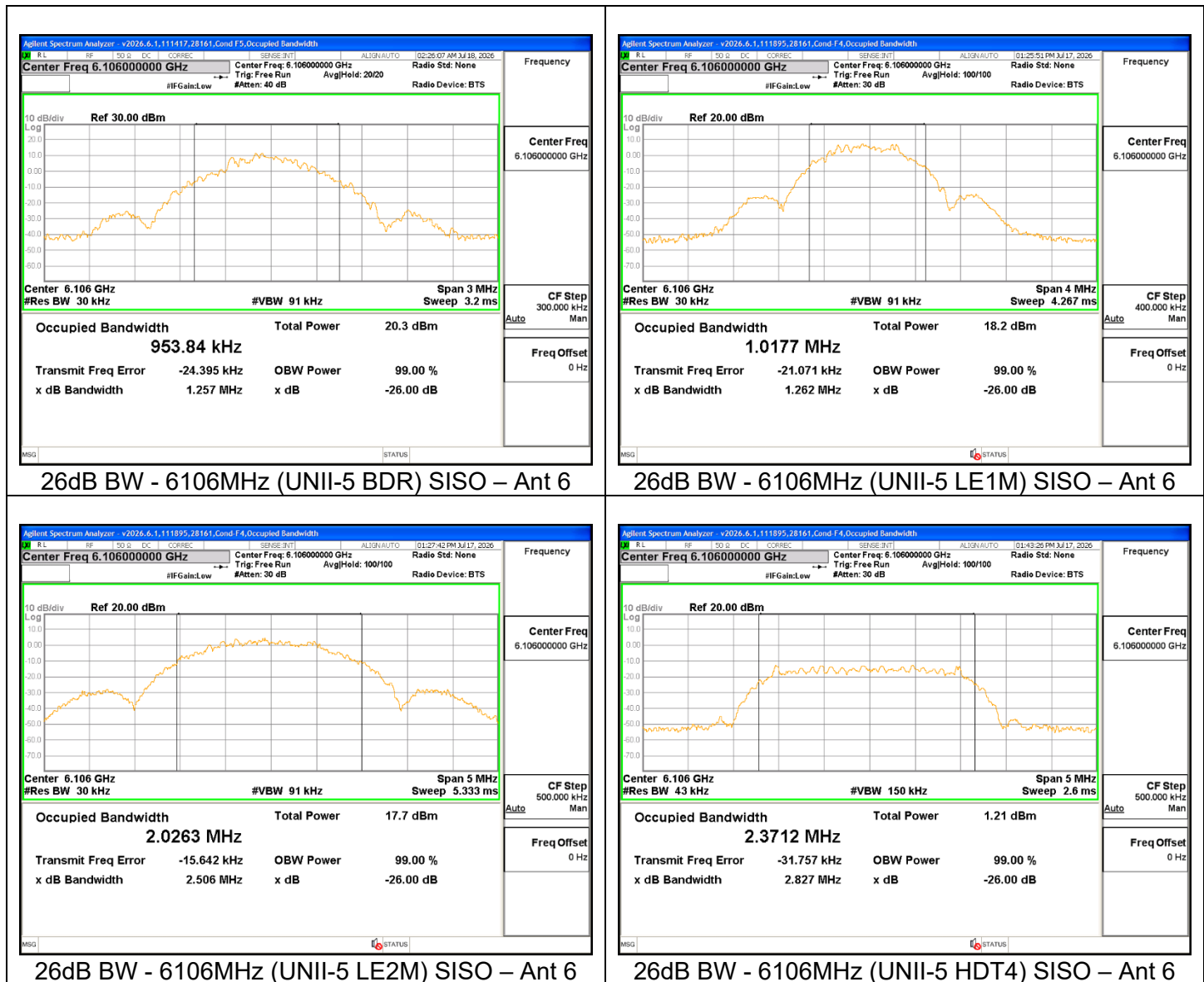
ID:	32480	Date:	2026-07-21
------------	-------	--------------	------------

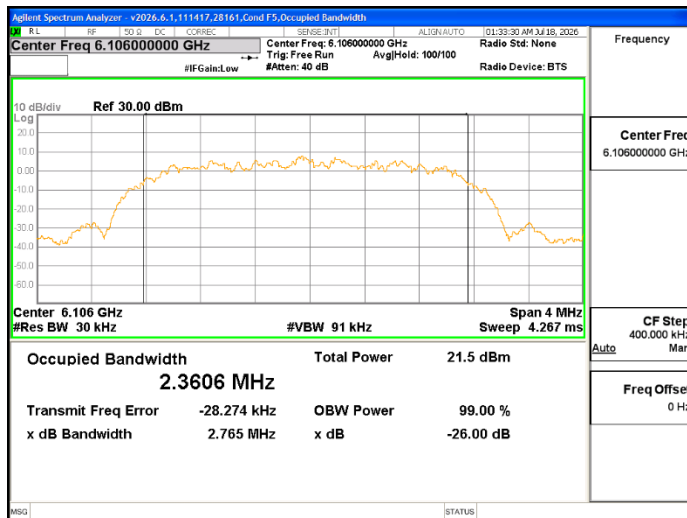
The tests performed on this device show that both 99% and 26dB bandwidths are less than 320 MHz. for all supported channel bandwidths.

Only High Power modes result is reported, it covers all Low Power modes.

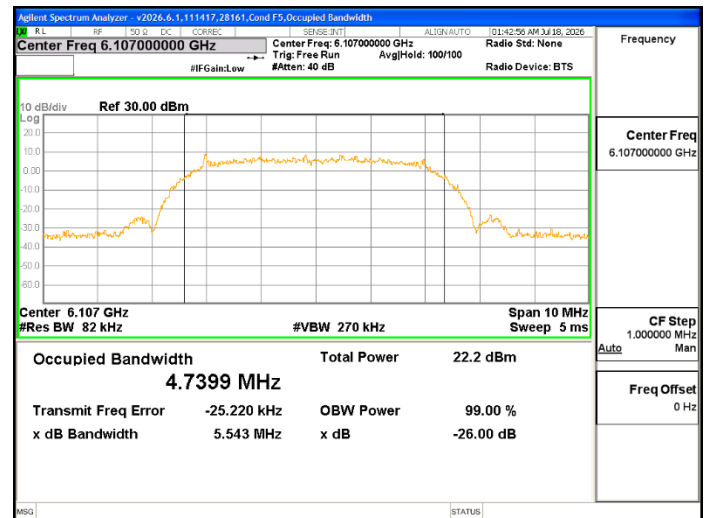
9.2.1. UNII-5 HIGH POWER SISO MODE

Worst-Case Mode (SISO)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 16	Ant 6	Ant 16
BDR	6106	Low	1.257	1.254	0.95384	0.96200
	6265	Mid	1.224	1.228	0.95297	0.94629
	6420	High	1.247	1.249	0.95832	0.94478
LE1M	6106	Low	1.262	1.259	1.01770	1.01680
	6265	Mid	1.261	1.261	1.01670	1.01730
	6420	High	1.255	1.259	1.01920	1.01460
LE2M	6106	Low	2.506	2.506	2.02630	2.03360
	6265	Mid	2.508	2.506	2.02980	2.03670
	6420	High	2.511	2.508	2.02910	2.31800
HDT4	6106	Low	2.827	2.826	2.37120	2.37770
	6265	Mid	2.826	2.823	2.37710	2.37410
	6420	High	2.826	2.835	2.37150	2.37410
HDR4	6106	Low	2.765	2.681	2.36060	2.34120
	6265	Mid	2.718	2.675	2.35300	2.34230
	6420	High	2.706	2.684	2.33810	2.34910
HDRPM4	6107	Low	5.543	5.561	4.73990	4.75300
	6265	Mid	5.434	5.398	4.73850	4.75550
	6420	High	5.305	5.590	4.71610	4.76130
XHDRPL12	6109	Low	10.670	10.710	9.40170	9.44160
	6265	Mid	10.930	11.100	9.42690	9.46050
	6417	High	10.630	11.070	9.41880	9.37410

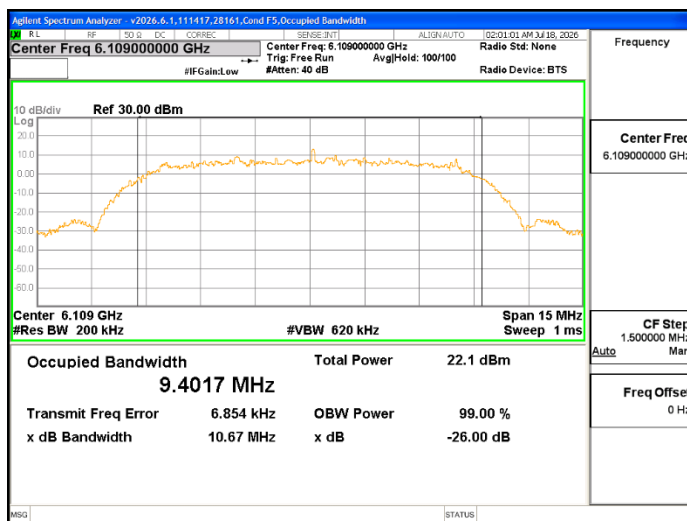
26dB & 99% BW PLOTS



26dB BW - 6106MHz (UNII-5 HDR4) SISO
- Ant 6



26dB BW - 6107MHz (UNII-5 HDRPM4) SISO
- Ant 6



26dB BW - 6109MHz (UNII-5 XHDRPL12) SISO
- Ant 6

9.2.2. UNII-5 HIGH POWER TXBF MODE

Worst-Case Mode (TxBF)	Frequency (MHz)	Channel Number	26 dB Bandwidth (MHz)		99% Bandwidth (MHz)	
			Ant 6	Ant 16	Ant 6	Ant 16
BDR	6106	Low	1.225	1.250	0.92987	0.93573
	6265	Mid	1.226	1.257	0.94428	0.95182
	6420	High	1.257	1.217	0.95416	0.94148
LE1M	6106	Low	1.258	1.257	1.01670	1.01970
	6265	Mid	1.262	1.260	1.02330	1.01800
	6420	High	1.260	1.260	1.02340	1.01240
LE2M	6106	Low	2.497	2.495	2.0348	2.0348
	6265	Mid	2.498	2.507	2.0355	2.0327
	6420	High	2.516	2.508	2.0292	2.0364
HDT4	6106	Low	2.823	2.820	2.3742	2.3727
	6265	Mid	2.830	2.827	2.3737	2.3715
	6420	High	2.815	2.821	2.3805	2.3738
HDR4	6106	Low	2.682	2.682	2.3363	2.3365
	6265	Mid	2.729	2.706	2.3484	2.3339
	6420	High	2.726	2.729	2.3700	2.3568
HDRPM4	6107	Low	5.559	5.481	4.7710	4.7379
	6265	Mid	5.331	5.553	4.7295	4.7625
	6420	High	5.341	5.344	4.7471	4.7427
XHDRPL12	6109	Low	11.000	10.680	9.3811	9.4106
	6265	Mid	10.550	10.690	9.3432	9.3639
	6417	High	10.990	10.690	9.4225	9.3959

9.3. VLP OUTPUT POWER AND PSD

LIMITS

FCC §15.407

Bands: 5.925–6.425 GHz and 6.525–6.875 GHz

(9) For very low power devices operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed –5 dBm e.i.r.p in any 1-megahertz band and the maximum e.i.r.p must not exceed 14 dBm.

RSS 248 4.5.6

Power limits for very low-power devices

Both of the following limits shall apply to very low-power devices:

- a. the maximum e.i.r.p. spectral density shall not exceed –5 dBm/MHz
- b. the maximum e.i.r.p. shall not exceed 14 dBm

TEST PROCEDURE

Conducted Output Power: KDB 789033 D02, Section II E.3.b (Method PM-G). Gated power measurement is used to calculate EIRP. Power does not include any corrections for duty factor.

The measurement method used for power spectral density is KDB 789033 D02, Section F

RESULTS

The plots in these sections are for reference settings only for different bandwidths and different antenna ports.

DIRECTIONAL ANTENNA GAIN

For 1 TX:

There is only one transmitter output therefore the directional gain is equal to the antenna gain.

For 2 TX:

BF MIMO Tx chains used correlated gain for power EIRP calculation and correlated gain for PSD EIRP calculation; For the straddle channels, the higher antenna gains were chosen between two bands where straddle channels are located. The directional gains are as follows:

Frequency Range (MHz)	Sub-band (MHz)	Antenna 6 (dBi)	Antenna 16 (dBi)	Uncorrelated Chains (dBi)	Correlated Chains (dBi)
6105 - 6425 UNII-5	Sub-band 2 (6115 - 6255)	-3.00	-1.10	-2.70	0.30
	Sub-band 3 (6275 - 6415)	-3.40	-2.30	-2.80	0.20

EIRP Calculation:**1Tx**

EIRP corr'd power = Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant 6 Power= -3.09 dBm

EIRP corr'd power = -3.09 + (-3.00) = -6.09 dBm

2TxEIRP corr'd power = $10 \cdot \log(10^{(\text{Ant6}/10)} + 10^{(\text{Ant16}/10)})$ + correlated directional gain

Sample Calculation at UNII-5 Band:

Ant 6 Power= -10.51 dBm, Ant 16 Power= -10.53 dBm

EIRP corr'd power = $10 \cdot \log(10^{(-10.51/10)} + 10^{(-10.53/10)})$ + (0.30) = -7.21 dBm**EIRP PSD Calculation:****1Tx**

EIRP corr'd PSD = DCCF + Ant6 + Antenna Gain

Sample Calculation at UNII-5 Band:

Ant 6 PSD= -4.835 dBm/1MHz

EIRP corr'd PSD = 1.16 + (-4.835) + (-3.00) = -6.675 dBm/1MHz

2Tx (OFDMA)EIRP corr'd PSD = $(10 \cdot \log(10^{((\text{DCCF} + \text{Ant6})/10)} + 10^{((\text{DCCF} + \text{Ant16})/10)}))$ + correlated directional gain

Sample Calculation at UNII-5 Band:

Ant 6 PSD= -11.931 dBm/1MHz, Ant 16 PSD= -12.312 dBm/1MHz

EIRP corr'd PSD = $(10 \cdot \log(10^{((1.16 + (-11.931))/10)} + 10^{((1.16 + (-12.312))/10)}))$ + (0.30) = -7.647 dBm/1MHz

9.3.1. UNII-5 BAND SISO MODE

UNII-5 (SISO) (6105 - 6425MHz)	Low	Mid	High
Ant 6 (dBi)	-3.00	-3.00	-3.40
Ant 16 (dBi)	-1.10	-1.10	-2.30

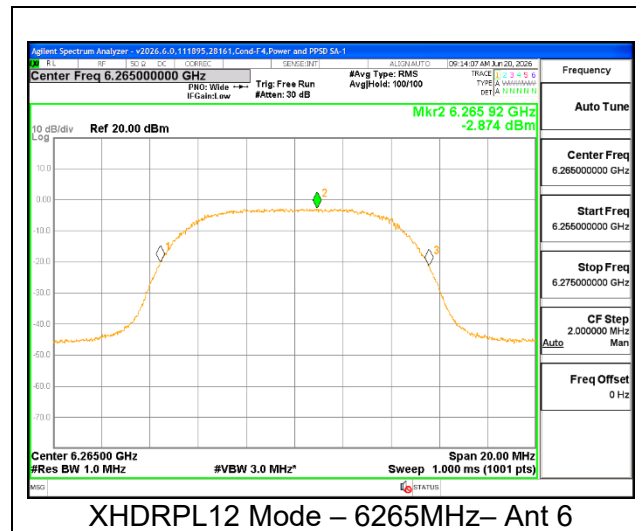
UNII-5 (SISO)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)		Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5dBm/MHz EIRP)	
					Ant 6	Ant 16	Ant 6	Ant 16	Ant 6	Ant 16	Ant 6	Ant 16
BDR	High	6106	Low	1.16	-3.09	-6.29	-6.09	-7.39	-4.835	-7.833	-6.675	-7.773
		6265	Mid		-3.14	-6.3	-6.14	-7.40	-4.452	-7.484	-6.292	-7.424
		6420	High		-3.03	-6.36	-6.43	-8.66	-4.345	-7.876	-6.585	-9.016
	Low	6106	Low		-3.08	-6.3	-6.08	-7.40	-4.820	-7.885	-6.660	-7.825
		6265	Mid		-3.07	-6.35	-6.07	-7.45	-4.800	-7.438	-6.640	-7.378
		6420	High		-3.13	-6.27	-6.53	-8.57	-4.374	-7.401	-6.614	-8.541
LE1M	High	6106	Low	0.72	-2.79	-6.08	-5.79	-7.18	-3.500	-6.929	-5.780	-7.309
		6265	Mid		-2.84	-6.02	-5.84	-7.12	-3.690	-7.051	-5.970	-7.431
		6420	High		-2.81	-6.11	-6.21	-8.41	-3.410	-6.991	-6.090	-8.571
	Low	6106	Low		-2.80	-6.02	-5.80	-7.12	-3.641	-6.646	-5.921	-7.026
		6265	Mid		-2.76	-6.08	-5.76	-7.18	-3.493	-6.665	-5.773	-7.045
		6420	High		-2.83	-6.09	-6.23	-8.39	-3.428	-7.049	-6.108	-8.629
LE2M	High	6106	Low	2.46	-2.03	-5.05	-5.03	-6.15	-5.361	-8.315	-5.901	-6.955
		6265	Mid		-2.09	-5.10	-5.09	-6.20	-5.641	-8.452	-6.181	-7.092
		6420	High		-2.08	-5.09	-5.48	-7.39	-5.432	-8.654	-6.372	-8.494
	Low	6106	Low		-2.05	-5.11	-5.05	-6.21	-5.465	-8.444	-6.005	-7.084
		6265	Mid		-2.02	-5.05	-5.02	-6.15	-5.667	-8.700	-6.207	-7.340
		6420	High		-2.13	-5.10	-5.53	-7.40	-5.659	-8.670	-6.599	-8.510
HDT4	High	6106	Low	0.30	-0.62	-3.59	-3.62	-4.69	-3.895	-6.510	-6.595	-7.310
		6265	Mid		-0.60	-3.55	-3.60	-4.65	-3.789	-6.701	-6.489	-7.501
		6420	High		-0.55	-3.60	-3.95	-5.90	-3.805	-6.874	-6.905	-8.874
	Low	6106	Low		-0.59	-3.03	-3.59	-4.13	-3.627	-6.802	-6.327	-7.602
		6265	Mid		-0.62	-3.08	-3.62	-4.18	-3.972	-6.950	-6.672	-7.750
		6420	High		-0.64	-3.12	-4.04	-5.42	-3.815	-6.932	-6.915	-8.932
HDR4	High	6106	Low	1.08	-0.79	-4.03	-3.79	-5.13	-4.372	-7.839	-6.292	-7.859
		6265	Mid		-0.89	-4.05	-3.89	-5.15	-4.671	-7.727	-6.591	-7.747
		6420	High		-0.82	-4.10	-4.22	-6.40	-4.261	-7.715	-6.581	-8.935
	Low	6106	Low		-0.76	-4.09	-3.76	-5.19	-4.611	-8.073	-6.531	-8.093
		6265	Mid		-0.80	-4.02	-3.80	-5.12	-4.224	-7.917	-6.144	-7.937
		6420	High		-0.83	-4.12	-4.23	-6.42	-4.253	-7.909	-6.573	-9.129
HDRPM4	High	6107	Low	0.31	1.98	-1.09	-1.02	-2.19	-3.330	-6.984	-6.020	-7.774
		6265	Mid		1.95	-1.14	-1.05	-2.24	-3.644	-6.880	-6.334	-7.670
		6420	High		1.88	-1.03	-1.52	-3.33	-3.790	-6.704	-6.880	-8.694
	Low	6107	Low		1.41	-1.14	-1.59	-2.24	-4.056	-6.841	-6.746	-7.631
		6265	Mid		1.48	-1.05	-1.52	-2.15	-4.039	-6.898	-6.729	-7.688
		6420	High		1.38	-1.08	-2.02	-3.38	-3.946	-6.716	-7.036	-8.706
XHDPRL12	High	6109	Low	0.50	4.92	1.99	1.92	0.89	-2.974	-5.697	-5.474	-6.297
		6265	Mid		4.86	1.90	1.86	0.80	-2.874	-5.999	-5.374	-6.599
		6417	High		4.95	1.95	1.55	-0.35	-2.513	-5.612	-5.413	-7.412
	Low	6109	Low		1.49	1.42	-1.51	0.32	-6.413	-6.481	-8.913	-7.081
		6265	Mid		1.45	1.37	-1.55	0.27	-6.465	-6.401	-8.965	-7.001
		6417	High		1.39	1.46	-2.01	-0.84	-6.177	-6.402	-9.077	-8.202

Note:

EIRP Output Power (dBm) = Measured Conducted Power (dBm) + Peak Antenna Gain (dBi)

EIRP PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) + Duty Factor (dB) + Peak Antenna Gain (dBi)

Worst-Case EIRP PSD Plot



9.3.2. UNII-5 BAND MIMO TXBF MODE

UNII-5 (MIMO BF) (6105 - 6425MHz)	Low CH	Mid CH	High CH
Un-Correlated Gain (dBi)	-2.70	-2.70	-2.80
Correlated Gain (dBi)	0.30	0.30	0.20

UNII-5 (MIMO BF)	Power Config.	Freq (MHz)	Ch. #	Duty Cycle (dB)	Conducted Power (Gated) (dBm)		EIRP Power (Limit = 14dBm EIRP)	Conducted PSD (dBm/MHz)		EIRP PSD (Limit = -5dBm/MHz EIRP)
					Ant 6	Ant 16		Ant 6	Ant 16	
BDR	High	6106	Low	1.16	-11.11	-11.14	-7.81	-12.670	-12.779	-8.254
		6265	Mid		-11.03	-11.09	-7.75	-12.667	-12.657	-8.192
		6420	High		-11.07	-11.10	-7.87	-13.160	-12.845	-8.629
	Low	6106	Low		-11.08	-11.08	-7.77	-12.562	-12.625	-8.123
		6265	Mid		-11.09	-11.13	-7.80	-12.705	-12.993	-8.376
		6420	High		-11.05	-11.03	-7.83	-12.855	-12.658	-8.385
LE1M	High	6106	Low	0.72	-10.59	-10.64	-7.30	-11.106	-11.153	-7.099
		6265	Mid		-10.55	-10.60	-7.26	-11.428	-11.267	-7.316
		6420	High		-10.63	-10.53	-7.37	-11.131	-11.275	-7.272
	Low	6106	Low		-10.60	-10.58	-7.28	-11.205	-11.108	-7.126
		6265	Mid		-10.61	-10.54	-7.26	-11.144	-11.488	-7.282
		6420	High		-10.52	-10.62	-7.36	-11.163	-11.100	-7.201
LE2M	High	6106	Low	2.46	-9.79	-9.78	-6.47	-13.290	-13.293	-7.521
		6265	Mid		-9.80	-9.76	-6.47	-13.229	-13.261	-7.475
		6420	High		-9.88	-9.82	-6.64	-13.522	-13.443	-7.812
	Low	6106	Low		-9.81	-9.88	-6.53	-13.097	-13.412	-7.481
		6265	Mid		-9.85	-9.89	-6.56	-13.113	-13.431	-7.499
		6420	High		-9.77	-9.84	-6.59	-13.055	-13.327	-7.519
HDT4	High	6106	Low	0.30	-8.30	-8.28	-4.98	-11.870	-11.693	-8.170
		6265	Mid		-8.33	-8.30	-5.00	-11.916	-11.837	-8.266
		6420	High		-8.28	-8.35	-5.10	-11.871	-11.700	-8.274
	Low	6106	Low		-8.31	-8.36	-5.02	-11.725	-11.945	-8.223
		6265	Mid		-8.36	-8.29	-5.01	-11.933	-11.764	-8.237
		6420	High		-8.39	-8.26	-5.11	-11.641	-11.592	-8.106
HDR4	High	6106	Low	1.08	-8.59	-8.60	-5.28	-12.493	-12.850	-8.278
		6265	Mid		-8.51	-8.63	-5.26	-12.636	-12.355	-8.103
		6420	High		-8.60	-8.53	-5.35	-12.752	-12.457	-8.312
	Low	6106	Low		-8.62	-8.57	-5.28	-12.604	-12.403	-8.112
		6265	Mid		-8.62	-8.56	-5.28	-12.563	-12.665	-8.223
		6420	High		-8.55	-8.61	-5.37	-12.608	-12.463	-8.245
HDRPM4	High	6107	Low	0.31	-5.80	-5.77	-2.47	-11.932	-12.004	-8.348
		6265	Mid		-5.88	-5.82	-2.54	-12.043	-12.111	-8.457
		6420	High		-5.89	-5.85	-2.66	-11.817	-11.883	-8.330
	Low	6107	Low		-5.81	-5.79	-2.49	-11.615	-11.948	-8.158
		6265	Mid		-5.79	-5.76	-2.46	-11.954	-12.103	-8.408
		6420	High		-5.76	-5.80	-2.57	-12.057	-11.851	-8.432
XHDRPL12	High	6109	Low	0.50	-2.76	-2.82	0.52	-10.186	-10.507	-6.533
		6265	Mid		-2.83	-2.78	0.51	-10.293	-10.210	-6.441
		6417	High		-2.79	-2.80	0.42	-10.293	-10.489	-6.680
	Low	6109	Low		-2.88	-2.80	0.47	-10.302	-10.357	-6.519
		6265	Mid		-2.81	-2.82	0.50	-10.356	-10.176	-6.455
		6417	High		-2.89	-2.77	0.38	-10.463	-10.213	-6.626

Note:

EIRP MIMO Output Power (dBm) = Measured Conducted Power (dBm) (Ant 1 + Ant 2) + Correlated Antenna Gain (dBi)

EIRP MIMO PSD (dBm/MHz) = Measured Conducted PSD (dBm/MHz) (Ant 1 + Ant 2) + Duty Factor (dB) + Correlated Antenna Gain (dBi)

9.4. VLP SPURIOUS EMISSIONS IN-BAND– EMISSION MASK

LIMITS

FCC §15.407

(b)(7) For transmitters operating within the 5.925-7.125 GHz bands: power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

RSS-248 4.6.2

b. the e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz frequency band shall be attenuated below the reference power spectral density by:

- i. 20 dB at 1 MHz away from the channel edges
- ii. a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1 MHz outside of channel edges and 1 channel bandwidth away from the operating channel centre, respectively
- iii. 28 dB at 1 channel bandwidth away from the operating channel centre
- iv. a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel centre and 1.5 times the channel bandwidth away from the operating channel centre, respectively
- v. 40 dB at one- and one-half (1.5) times the channel bandwidth away from the channel centre; and
- vi. a minimum of 40 dB at frequencies that are further away than one and one-half (1.5) times the channel bandwidth from the channel centre.

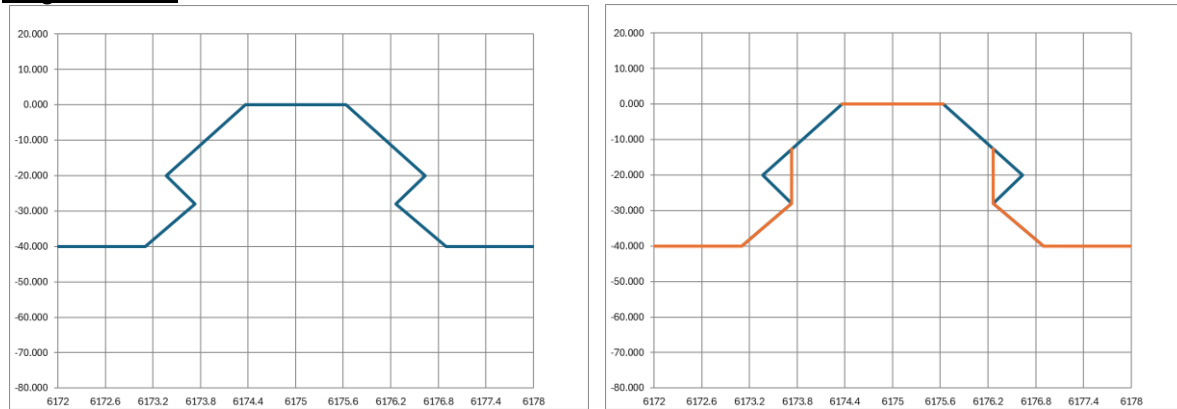
TEST PROCEDURE

Follow KDB 987594 D02, Section II-J, RBW & VBW settings were based on 26dB bandwidth test settings.

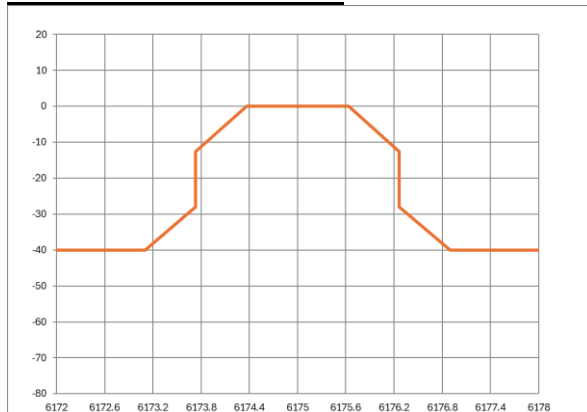
Worst-Case Mode	RBW (kHz)	VBW (kHz)
BDR	30	91
LE1M	30	91
LE2M	30	91
HDT4	43	150
HDR4	30	91
HDRPM4	82	270
XHDRPL12	200	620

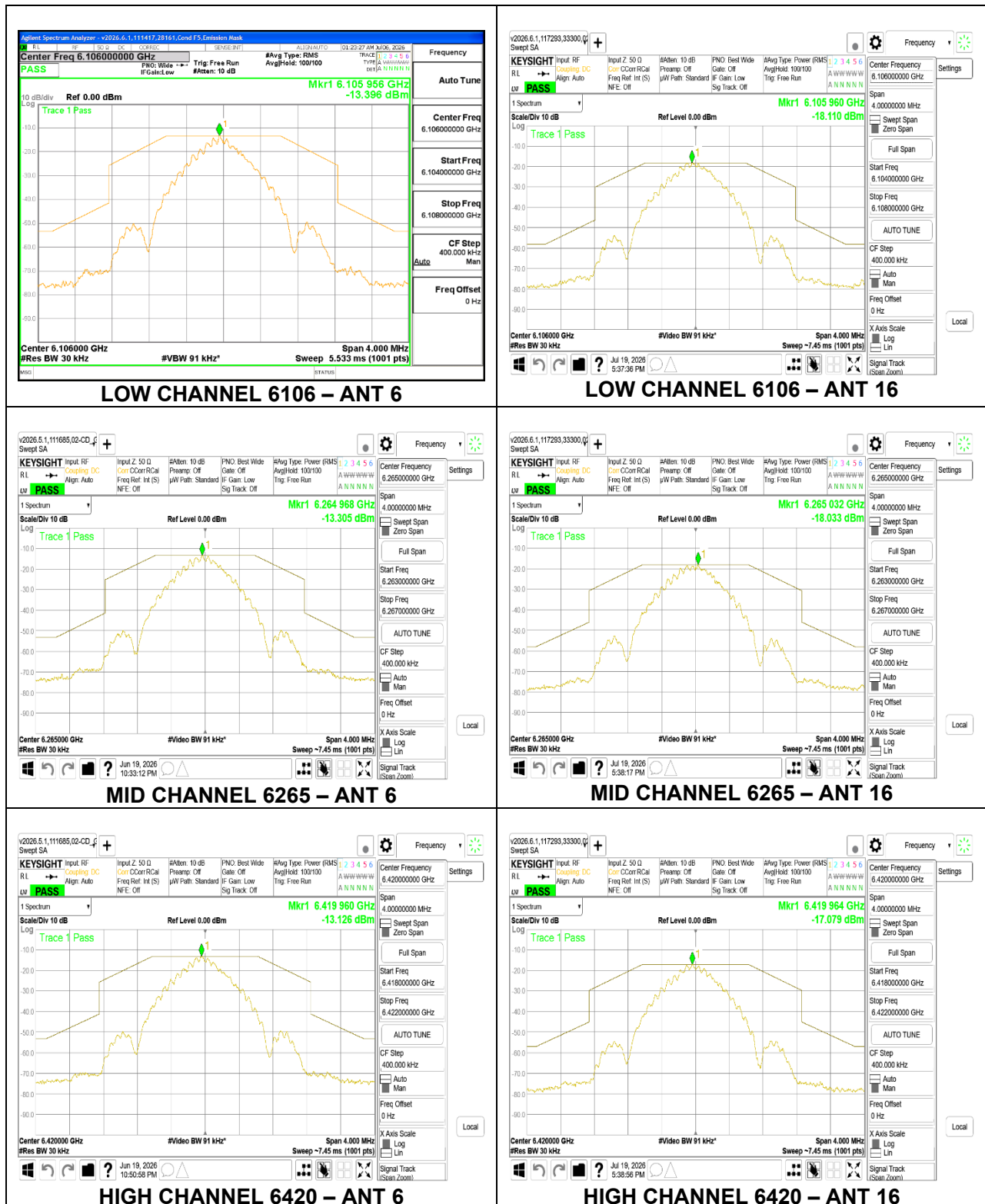
For the emission mask of EBW < 2MHz, we have created and used real limits (using the FCC formula) and removed the 'bulge', as shown in the images below.

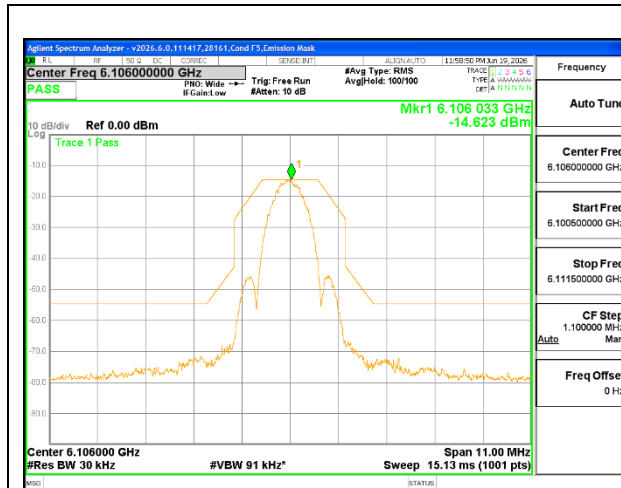
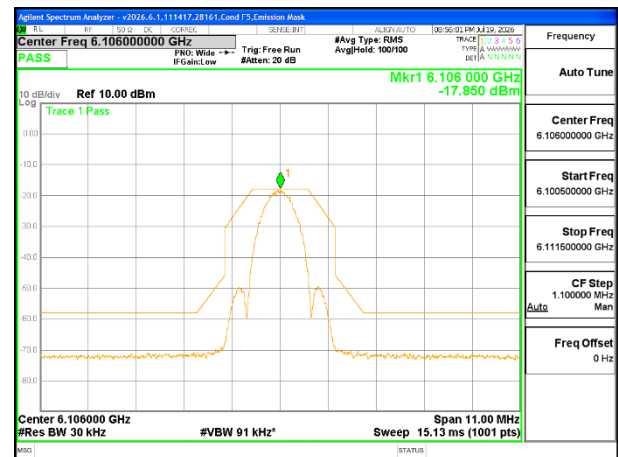
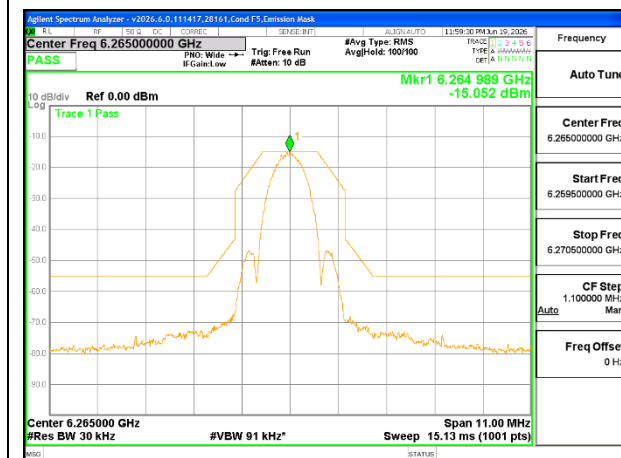
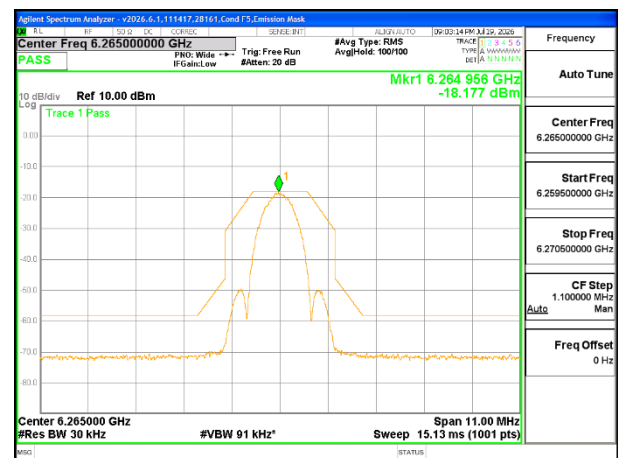
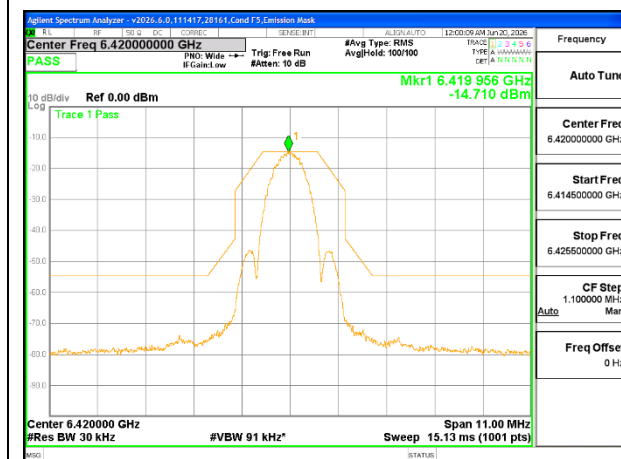
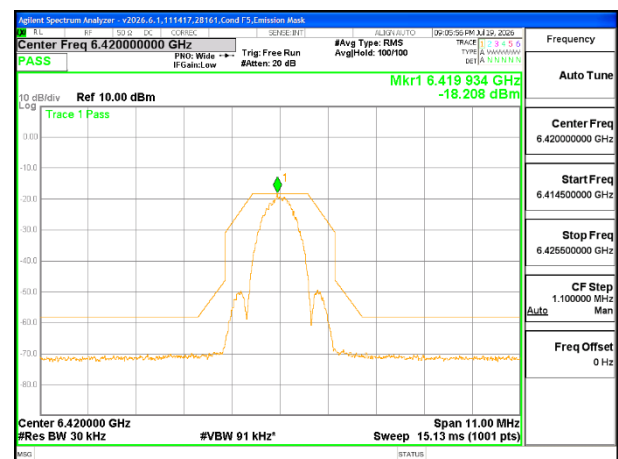
Original Mask:

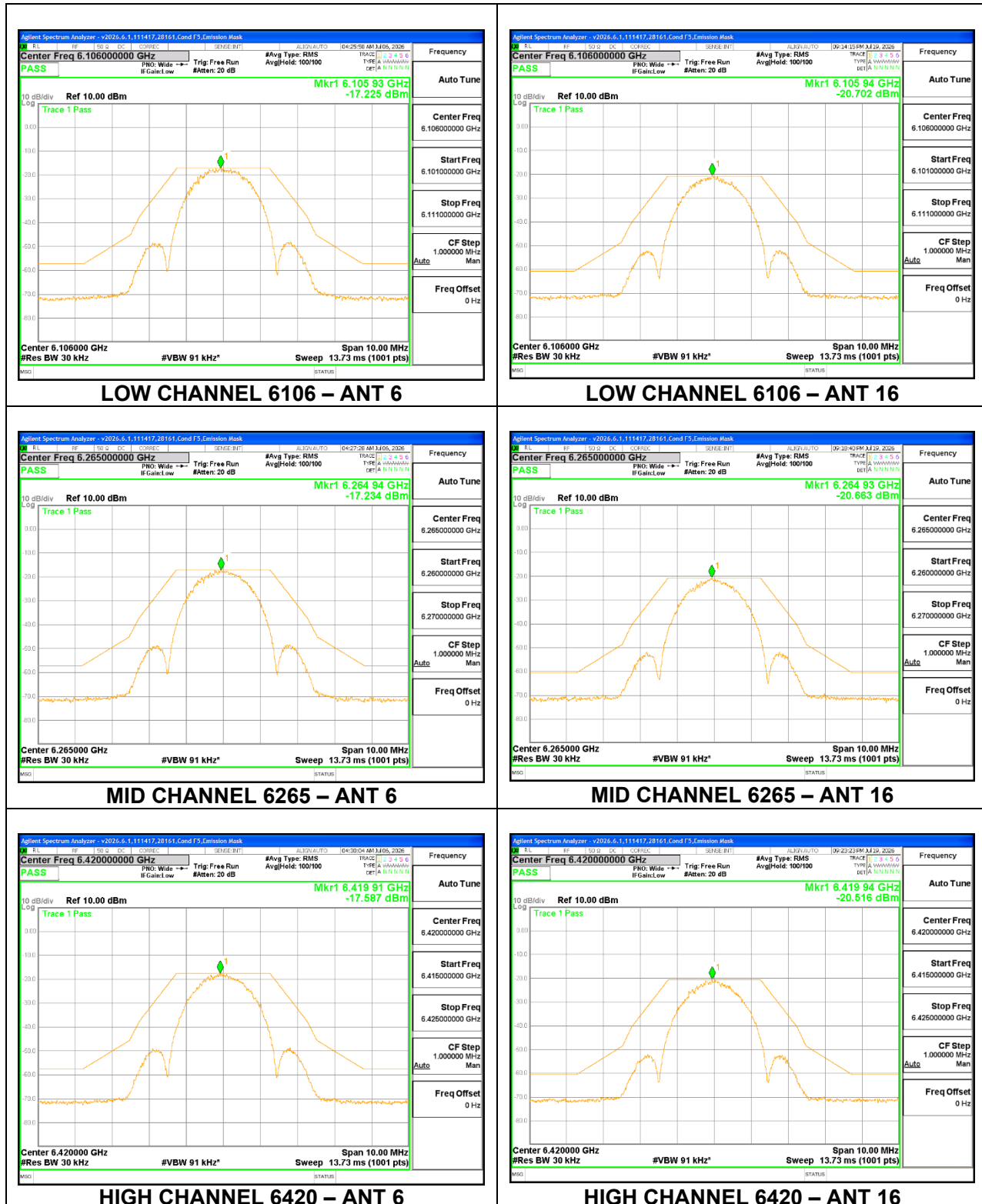


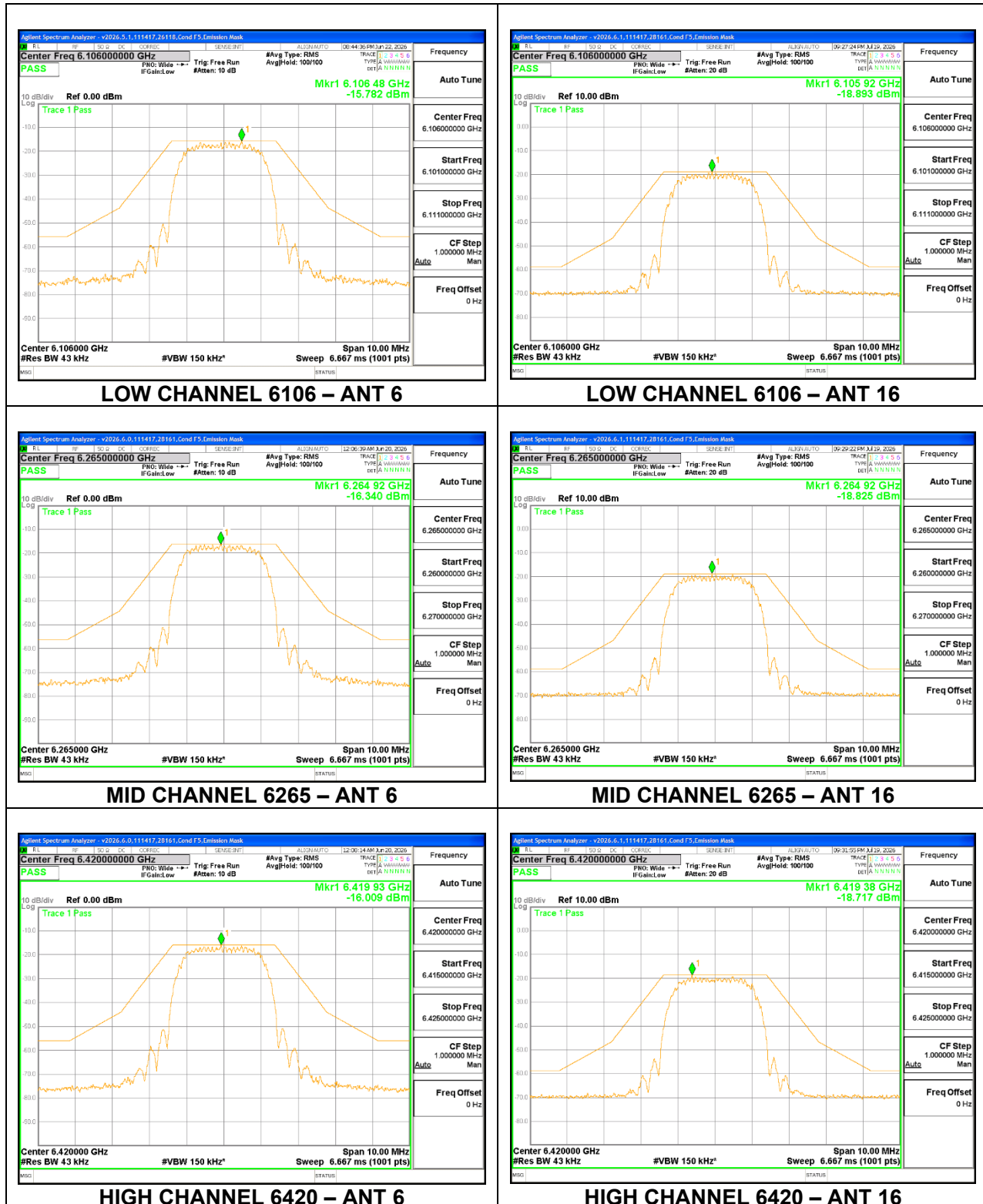
Final Mask for submission:

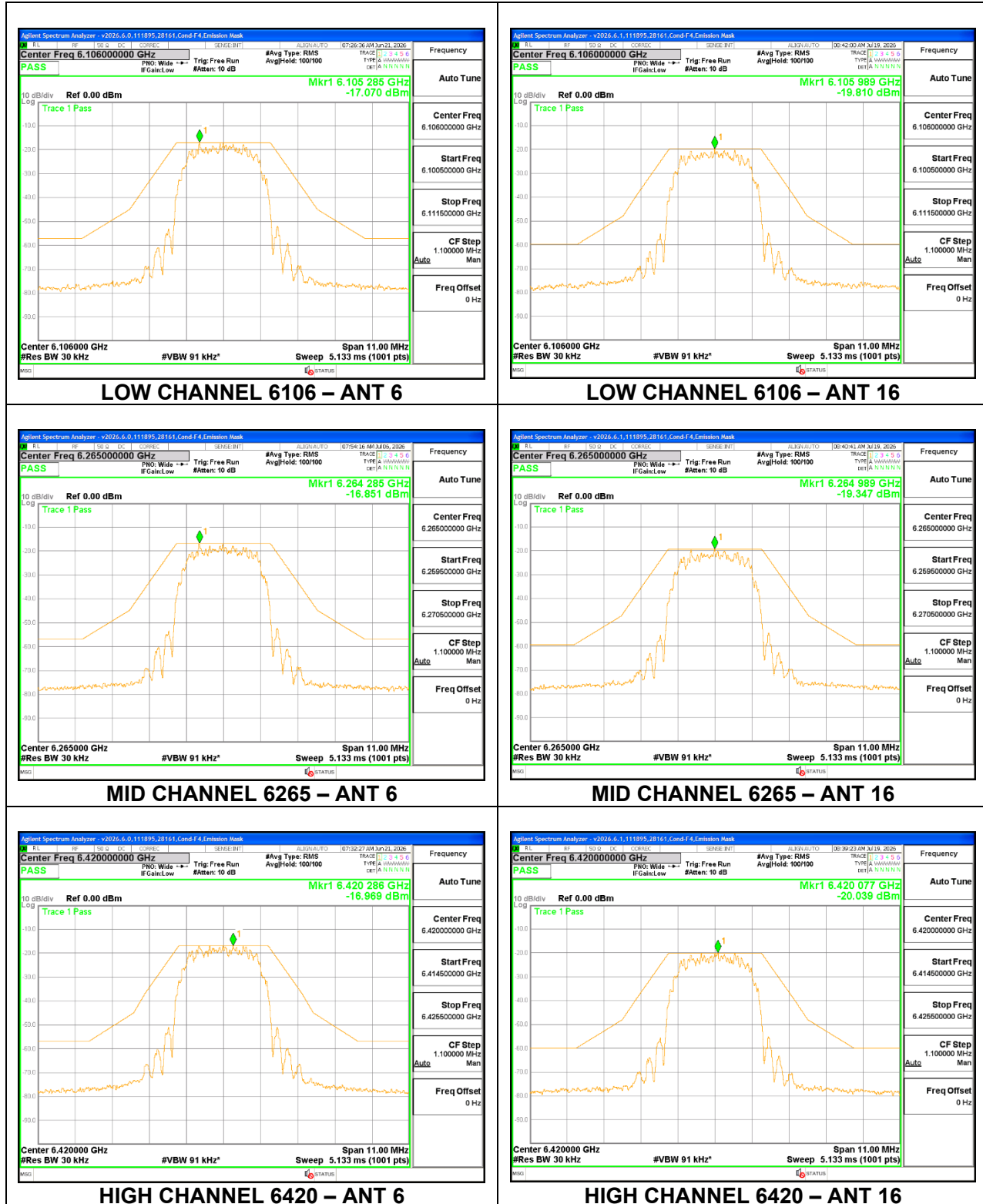


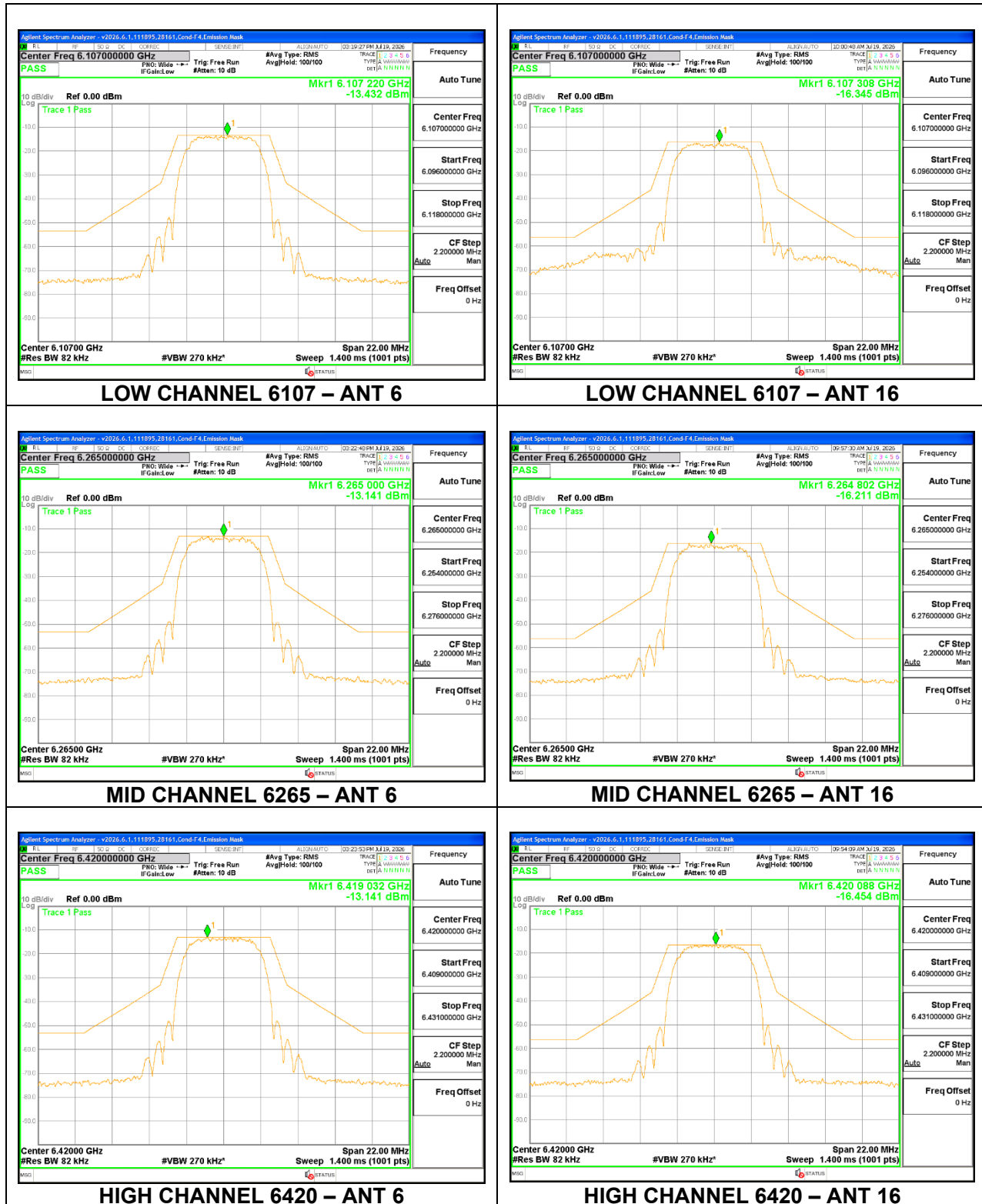
RESULTS**9.4.1. HIGH POWER UNII-5 BAND SISO MODE****BDR**

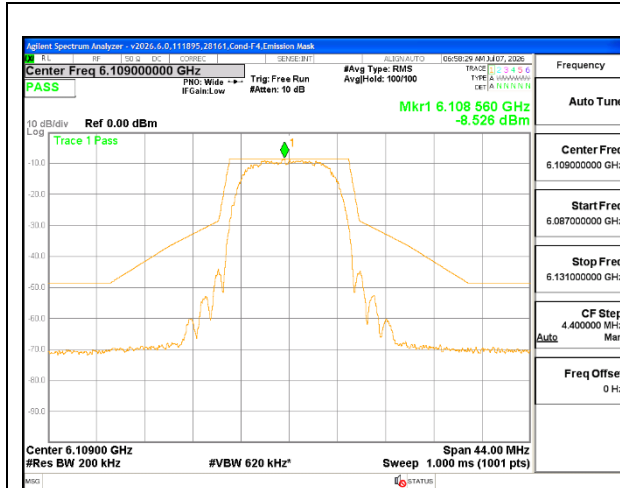
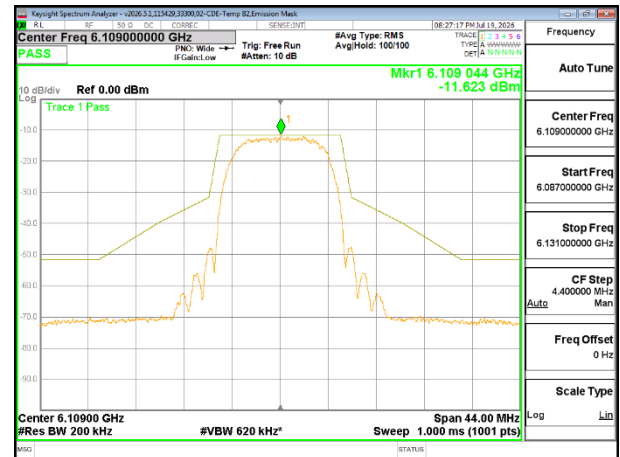
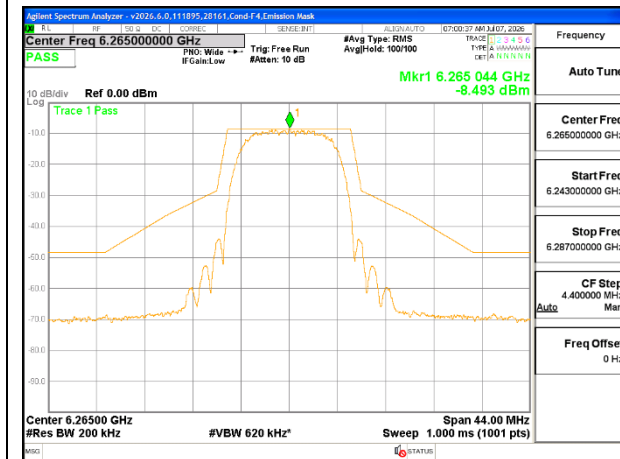
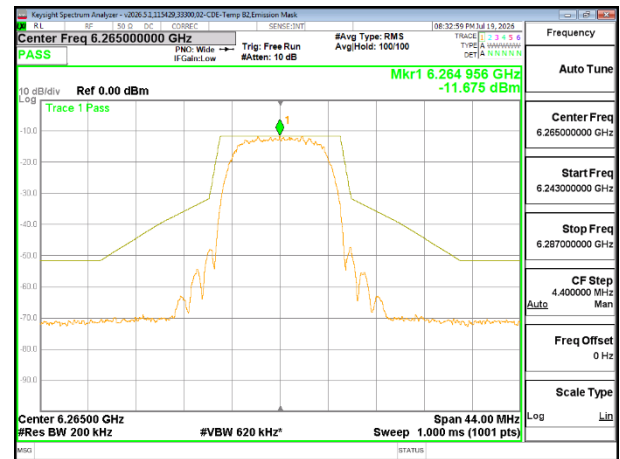
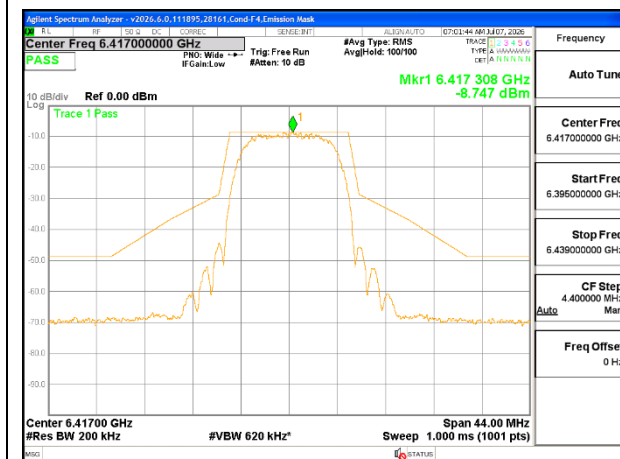
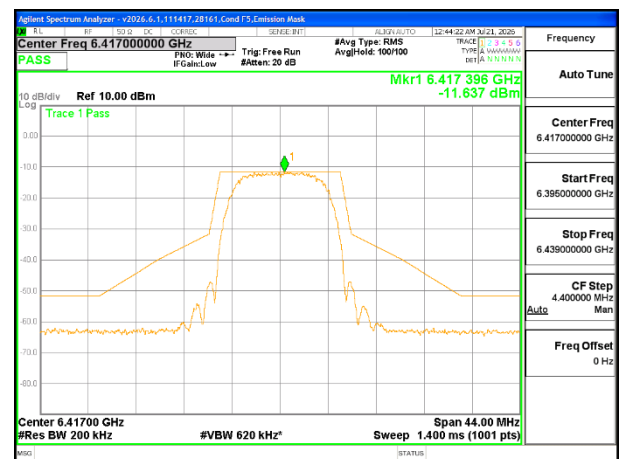
LE1M**LOW CHANNEL 6106 – ANT 6****LOW CHANNEL 6106 – ANT 16****MID CHANNEL 6265 – ANT 6****MID CHANNEL 6265 – ANT 16****HIGH CHANNEL 6420 – ANT 6****HIGH CHANNEL 6420 – ANT 16**

LE2M

HDT4

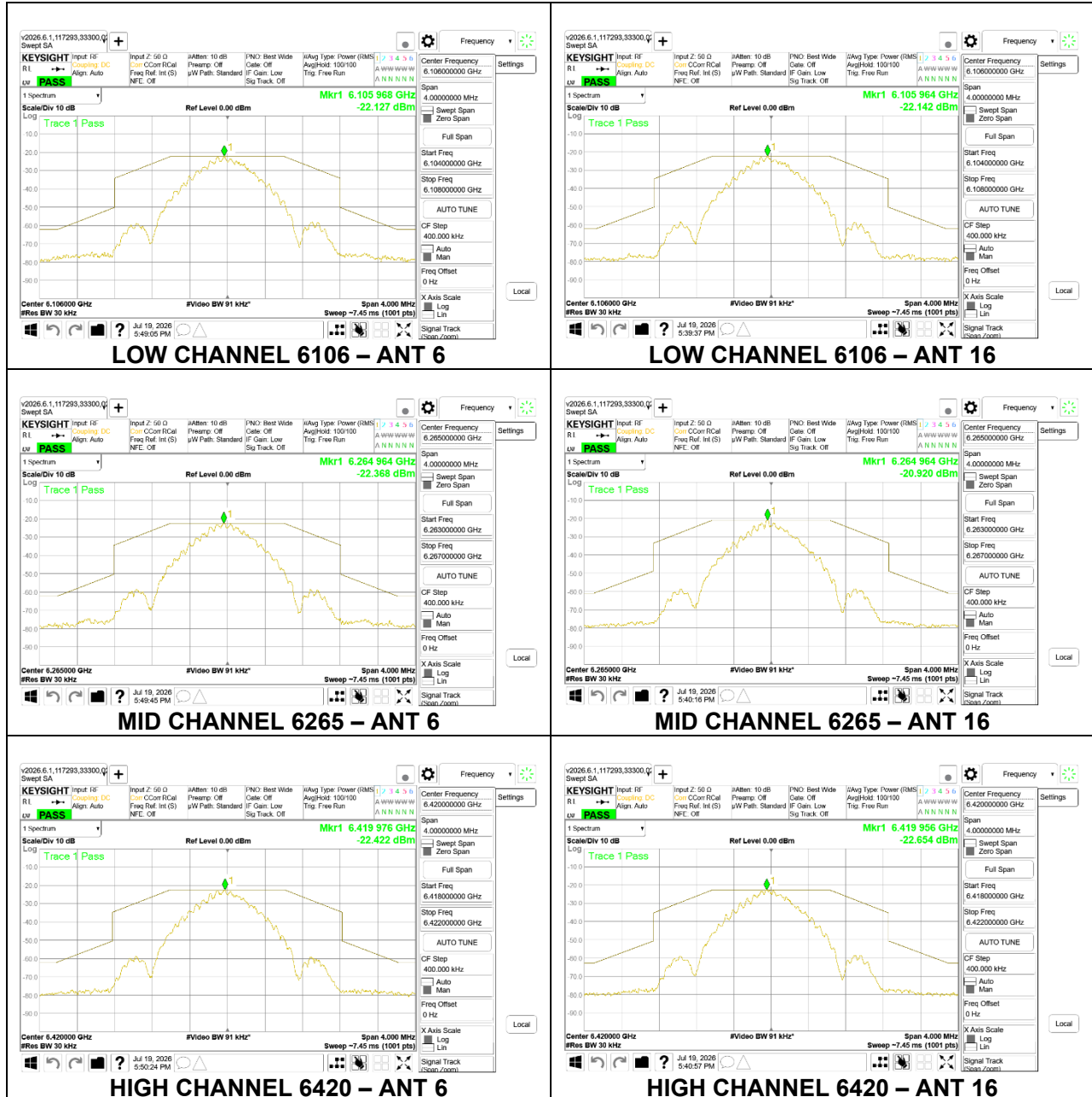
HDR4

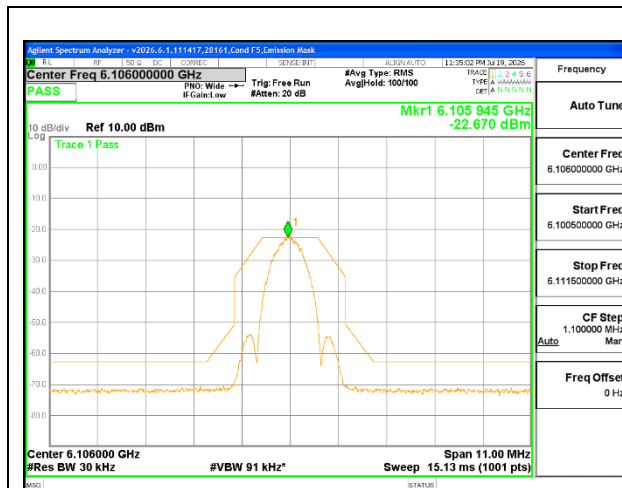
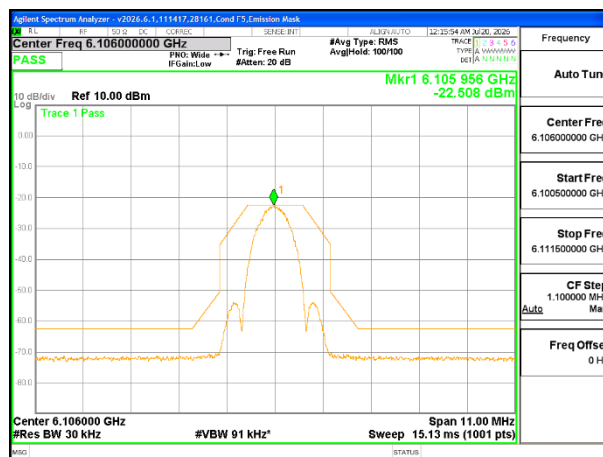
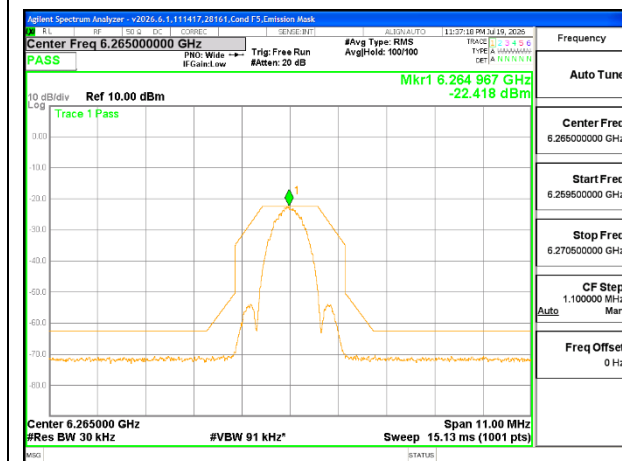
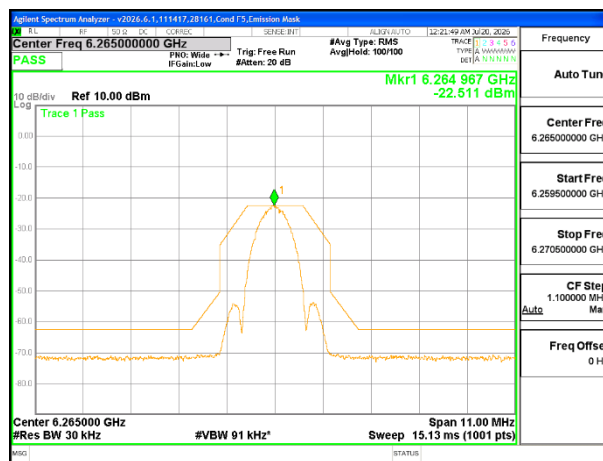
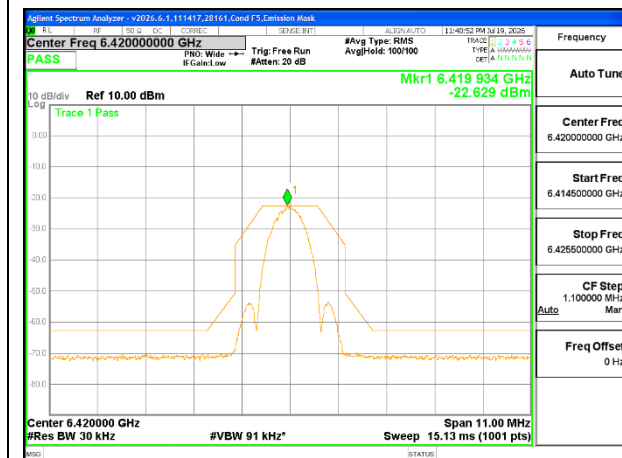
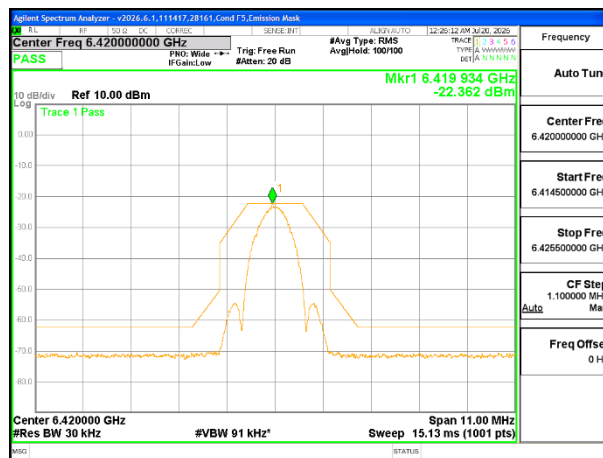
HDRPM4

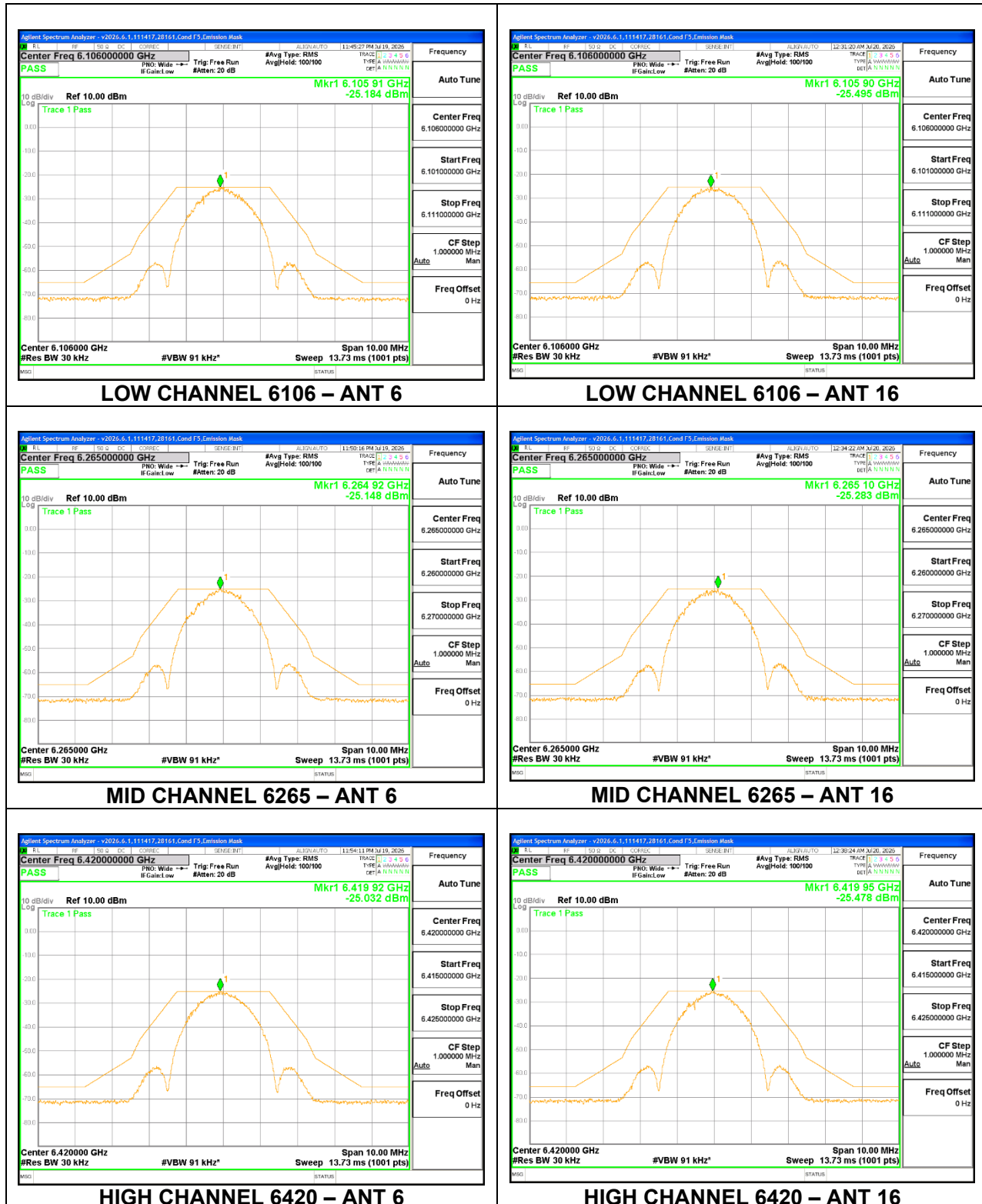
XHDRPL12**LOW CHANNEL 6109 – ANT 6****LOW CHANNEL 6109 – ANT 16****MID CHANNEL 6265 – ANT 6****MID CHANNEL 6265 – ANT 16****HIGH CHANNEL 6417 – ANT 6****HIGH CHANNEL 6417 – ANT 16**

9.4.2. HIGH POWER UNII-5 BAND MIMO TXBF MODE

BDR



LE1M**LOW CHANNEL 6106 – ANT 6****LOW CHANNEL 6106 – ANT 16****MID CHANNEL 6265 – ANT 6****MID CHANNEL 6265 – ANT 16****HIGH CHANNEL 6420 – ANT 6****HIGH CHANNEL 6420 – ANT 16**

LE2M

HDT4