



## Shenzhen Huaxia Testing Technology Co., Ltd

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Report Template Version: V04  
Report Template Revision Date: 2018-07-06

# Test Report

**Report No.:** CQASZ20220701184E-01  
**Applicant:** Shenzhen Hollyland Technology Co.,Ltd  
**Address of Applicant:** 8F, Building 5D, Skyworth Innovation Valley, Tangtou Road. Shiyan Street, Baoan District Shenzhen, China.  
**Equipment Under Test (EUT):**  
**Product:** WIRELESS VIDEO TRANSMISSION SYSTEM  
**Model No.:** Mars M1, Mars M1 Pro, Mars M1 Plus, Mars M1 Lite  
**Teat Model No.:** Mars M1  
**Brand Name:** HOLLYLAND  
**FCC ID:** 2ADZC-9803  
**Standards:** 47 CFR Part 15, Subpart E  
KDB 789033 D02 General UNII Test Procedures New Rules v02r01  
KDB 558074 D01 15.247 Meas Guidance v05r02  
**Date of Receipt:** 2022-07-13  
**Date of Test:** 2022-07-13 to 2022-08-01  
**Date of Issue:** 2022-08-03  
**Test Result:** **PASS\***

\*In the configuration tested, the EUT complied with the standards specified above

**Tested By:** Lewis Zhou  
( Lewis Zhou )

**Reviewed By:** K. Liao  
( K Liao )

**Approved By:** Jack Ai  
( Jack Ai )



## 1 Version

### Revision History Of Report

Report No.	Version	Description	Issue Date
CQASZ20220701184E-01	Rev.01	Initial report	2022-08-03

## 2 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203	ANSI C63.10-2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	ANSI C63.10-2013	PASS
Conducted Output Power and transmit power control mechanism	47 CFR Part 15 Subpart E	ANSI C63.10-2013	PASS
Emission Bandwidth	47 CFR Part 15 Subpart E	ANSI C63.10-2013	PASS
Peak Power Spectral Density	47 CFR Part 15 Subpart E	ANSI C63.10-2013	PASS
Frequency stability	47 CFR Part 15 Subpart E	ANSI C63.10-2013	PASS
Operation in the absence of information to the transmit	47 CFR Part 15 Subpart E	47 CFR Part 15 Subpart E	PASS
Radiated Spurious Emissions	47 CFR Part 15 Subpart E	ANSI C63.10-2013	PASS
Restricted bands around fundamental frequency (Radiated Emission)	47 CFR Part 15 Subpart E	ANSI C63.10-2013	PASS

Remark:

The tested sample(s) and the sample information are provided by the client.

Tx: In this whole report Tx (or tx) means Transmitter.

Rx: In this whole report Rx (or rx) means Receiver.

RF: In this whole report RF means Radiated Frequency.

CH: In this whole report CH means channel.

Volt: In this whole report Volt means Voltage.

Temp: In this whole report Temp means Temperature.

Humid: In this whole report Humid means humidity.

Press: In this whole report Press means Pressure.

N/A: In this whole report not application

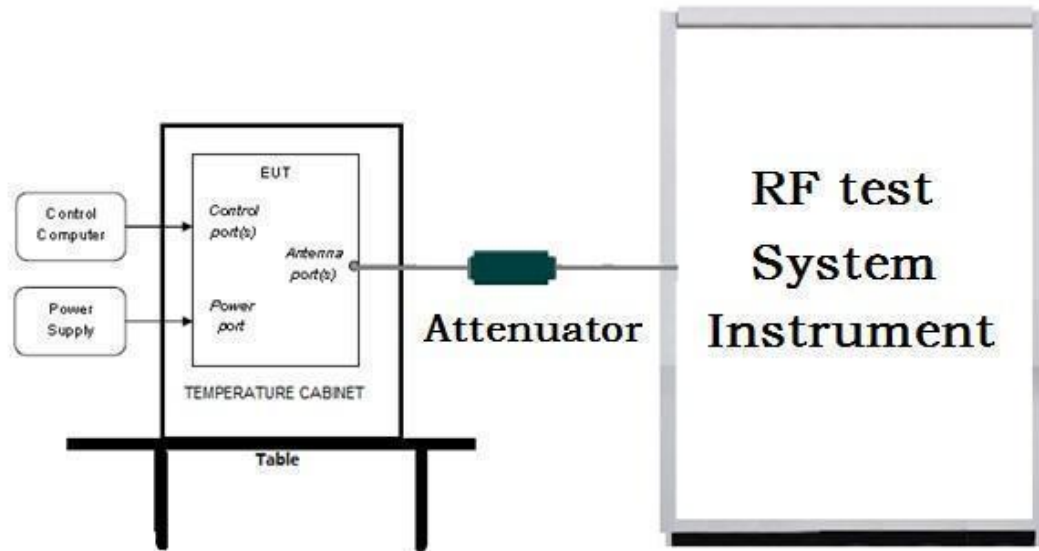
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## 4 Test Requirement

### 4.1 Test setup

#### 4.1.1 For Conducted test setup



#### 4.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

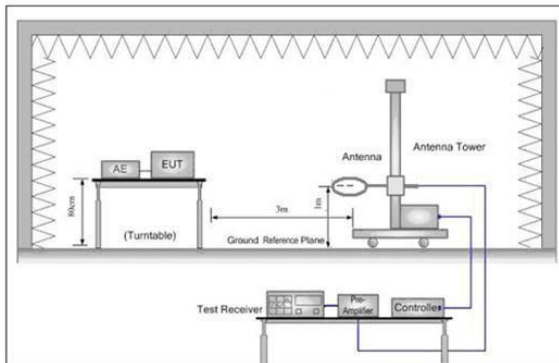


Figure 1. Below 30MHz

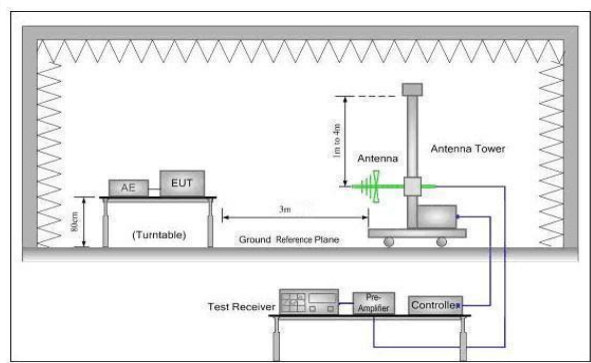


Figure 2. 30MHz to 1GHz

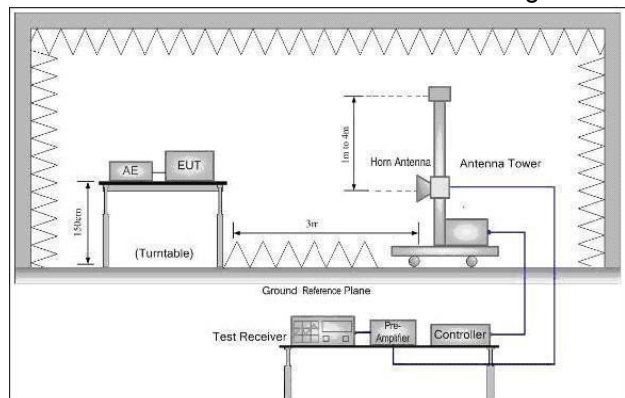
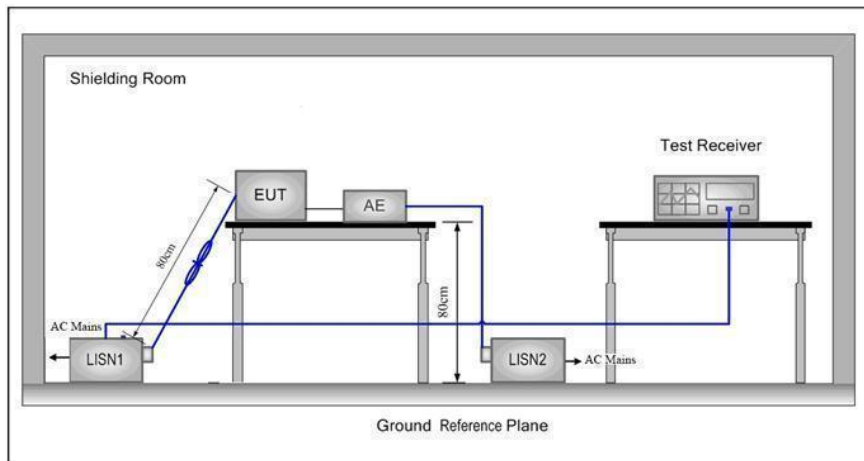


Figure 3. Above 1GHz

### 4.1.3 For Conducted Emissions test setup

#### Conducted Emissions setup



## 4.2 Test Environment

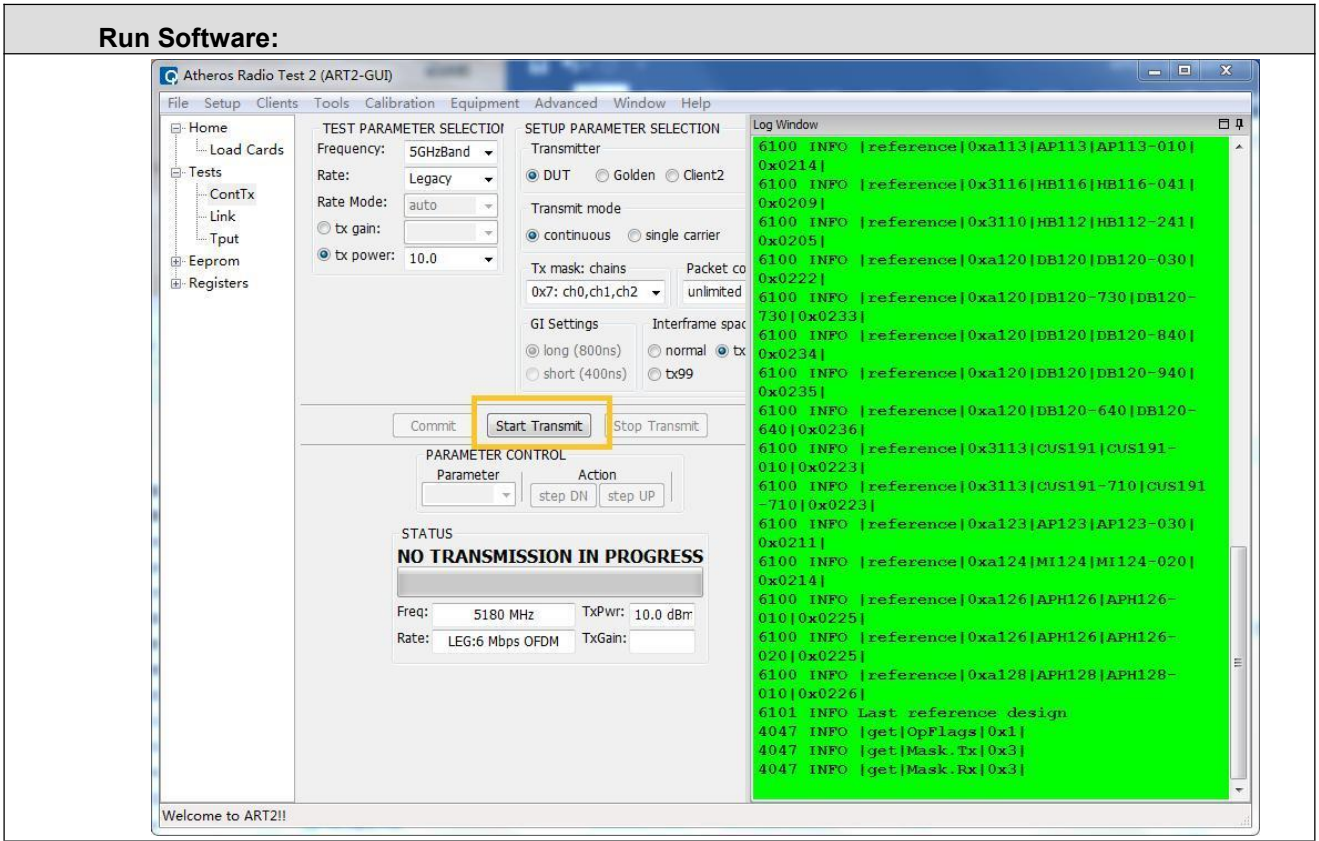
<b>Operating Environment:</b>		
<b>Conducted Emissions:</b>		
Temperature:	25.6 °C	
Humidity:	60 % RH	
Atmospheric Pressure:	1009 mbar	
<b>Radiated Emissions:</b>		
Temperature:	25.5 °C	
Humidity:	54 % RH	
Atmospheric Pressure:	1009mbar	
<b>Radio conducted item test (RF Conducted test room):</b>		
Temperature:	25.3 °C	
Humidity:	50 % RH	
Atmospheric Pressure:	1009 mbar	
Test Condition	Temperature (°C)	Voltage (V)
TN/VN	+15 to +35	7.6
TL/VL	0	6.84
TH/VL	50	6.84
TL/VH	0	8.36
TH/VH	50	8.36
Remark:		
1)The EUT just work in such extreme temperature of 0 °C to 50 °C and the extreme voltage of 6.84V to 8.36V, so here the EUT is tested in the temperature of 0 °C to 50 °C and the voltage of 6.84V to 8.36V.		
2)VN: Normal Voltage; TN: Normal Temperature;		
TL: Low Extreme Test Temperature; TH: High Extreme Test Temperature;		
VL: Low Extreme Test Voltage; VH: High Extreme Test Voltage.		

### 4.3 Test Condition

Test channel:

Tx/Rx	RF Channel		
	Low(L)	Middle(M)	High(H)
5150MHz ~5250 MHz	Channel 0	Channel 2	Channel 3
	5180MHz	5220MHz	5240MHz
5725MHz ~5850 MHz	Channel 4	Channel 6	Channel 8
	5745MHz	5785MHz	5825MHz

**Run Software:**



**Test mode:**

**Pre-scan under all rate at lowest channel for Ant1 and Ant2**



## 5 General Information

### 5.1 Client Information

Applicant:	Shenzhen Hollyland Technology Co.,Ltd
Address of Applicant:	8F, Building 5D, Skyworth Innovation Valley, Tangtou Road. Shiyan Street, Baoan District Shenzhen, China.
Manufacturer:	Shenzhen Hollyland Technology Co.,Ltd
Address of Manufacturer:	8F, Building 5D, Skyworth Innovation Valley, Tangtou Road. Shiyan Street, Baoan District Shenzhen, China.
Factory:	Shenzhen Hollyland Technology Co.,Ltd
Address of Factory:	8F, Building 5D, Skyworth Innovation Valley, Tangtou Road. Shiyan Street, Baoan District Shenzhen, China.

### 5.2 General Description of EUT

Product Name:	WIRELESS VIDEO TRANSMISSION SYSTEM
Model No.:	Mars M1, Mars M1 Pro, Mars M1 Plus, Mars M1 Lite
Test Model No.:	Mars M1
Trade Mark:	HOLLYLAND
Software Version:	V1.0.1.7
Hardware Version:	H200
Power Supply:	Power by DC7V-16V Type-C: Input 5V/500Ma
EUT Supports Radios application:	5GHz: custom: U-NII-1: 5.15-5.25GHz; U-NII-3: 5.725-5.850GHz

### 5.3 Product Specification subjective to this standard

Operation Frequency:	5180MHz ~5240 MHz 5745MHz ~5825 MHz
Channel Numbers:	5180MHz ~5240MHz/ 4 channel 5745MHz ~5825MHz/ 5 channel
Type of Modulation:	OFDM
Sample Type:	<input type="checkbox"/> Mobile <input checked="" type="checkbox"/> Portable <input type="checkbox"/> Fix Location
Test Power Grade:	N/A
Test Software of EUT:	artgui
Antenna Type:	External antenna
Antenna gain:	3dBi

Operation Frequency each of channel

5150MHz ~5250 MHz			
Channel	Frequency	Channel	Frequency
0	5180MHz	1	5200MHz
2	5220MHz	3	5240MHz
5725MHz ~5850 MHz			
Channel	Frequency	Channel	Frequency
4	5745MHz	5	5765MHz
6	5785MHz	7	5805MHz
8	5825MHz	NA	NA

## 5.4 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.	Certification	Supplied by
PC	Lenovo	ThinkPad E450c	FCC ID	CQA

## 5.5 Test Location

All tests were performed at:

**Shenzhen Huaxia Testing Technology Co., Ltd.,**

1F., Block A of Tongsheng Technology Building, Huahui Road, Dalang Street, Longhua New District, Shenzhen, Guangdong, China

## 5.6 Test Facility

• **A2LA (Certificate No. 4742.01)**

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 4742.01.

• **FCC Registration No.: 522263**

Shenzhen Huaxia Testing Technology Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No.:522263

## 5.7 Deviation from Standards

None.

## 5.8 Abnormalities from Standard Conditions

None.

## 5.9 Other Information Requested by the Customer

None.

## 5.10 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Radio Frequency	$3 \times 10^{-8}$
2	RF power, conducted	0.86dB
3	Radiated Spurious emission test	5.12dB (Below 1GHz)
		4.6dB (Above 1GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.8°C
6	Humidity test	2.0%
7	DC power voltages	0.5%

## 6 Equipment List

Test Equipment	Manufacturer	Model No.	Instrument No.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR7	CQA-005	2021/9/10	2022/9/09
Spectrum analyzer	R&S	FSU26	CQA-038	2021/9/10	2022/9/09
Spectrum analyzer	R&S	FSU40	CQA-075	2021/9/10	2022/9/09
Preamplifier	MITEQ	AFS4-00010300-18-10P-4	CQA-035	2021/9/14	2024/9/13
Preamplifier	MITEQ	AMF-6D-02001800-29-20P	CQA-036	2021/9/14	2024/9/13
Preamplifier	EMCI	EMC184055SE	CQA-089	2021/9/14	2024/9/13
Loop antenna	Schwarzbeck	FMZB1516	CQA-060	2021/9/14	2024/9/13
Bilog Antenna	R&S	HL562	CQA-011	2021/9/10	2022/9/09
Horn Antenna	R&S	HF906	CQA-012	2021/9/10	2022/9/09
Horn Antenna	Schwarzbeck	BBHA 9170	CQA-088	2021/9/10	2022/9/09
Coaxial Cable (Above 1GHz)	CQA	N/A	C007	2021/9/10	2022/9/09
Coaxial Cable (Below 1GHz)	CQA	N/A	C013	2021/9/10	2022/9/09
RF cable(9KHz~40GHz)	CQA	RF-01	CQA-079	2021/9/10	2022/9/09
Antenna Connector	CQA	RFC-01	CQA-080	2021/9/10	2022/9/09
Power Sensor	KEYSIGHT	U2021XA	CQA-30	2021/9/10	2022/9/09
N1918A Power Analysis Manager Power Panel	Agilent	N1918A	CQA-074	2021/9/14	2024/9/13
Power meter	R&S	NRVD	CQA-029	2021/9/14	2024/9/13
Power divider	MIDWEST	PWD-2533-02-SMA-79	CQA-067	2021/9/14	2024/9/13
EMI Test Receiver	R&S	ESR7	CQA-005	2021/9/14	2024/9/13
LISN	R&S	ENV216	CQA-003	2021/9/14	2024/9/13
Coaxial cable	CQA	N/A	CQA-C009	2021/9/14	2024/9/13
DC power	KEYSIGHT	E3631A	CQA-028	2021/9/14	2024/9/13

Test software:

	Manufacturer	Software brand
Radiated Emissions test software	Tonscend	JS1120-3
Conducted Emissions test software	Audix	e3
RF Conducted test software	Audix	e3

## 7 Radio Technical Requirements Specification

### Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15E	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices
3	KDB 789033 D02 General U-NII Test Procedures New Rules v02r01	Guidelines for compliance testing of unlicensed national information infrastructure (U-NII) device part 15, subpart E
4	KDB 662911 D01 Multiple Transmitter Output v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band

### Test Results List:

Test Requirement	Test method	Test item	Verdict	Note
Part15E Section 15.407	KDB789033	Emission Bandwidth and Occupied Bandwidth	PASS	Appendix A)
Part15E Section 15.407	KDB789033 / KDB 662911	Conducted Output Power and transmit power control mechanism	PASS	Appendix B)
Part15E Section 15.407	KDB789033 / KDB 662911	Power Spectral Density	PASS	Appendix C)
Part15E Section 15.407	KDB789033 / KDB 662911	Band Edge Measurements	PASS	Appendix D)
Part15E Section 15.407	KDB789033	Frequency stability	PASS	Appendix E)
Part15C Section 15.203	ANSI C63.10	Antenna Requirement	PASS	Appendix F)
Part15E Section 15.407	Section 15.407	Operation in the absence of information to the transmit	PASS	Appendix G)
Part15C Section 15.207	ANSI C63.10	AC Power Line Conducted Emission	PASS	Appendix H)
Part15E Section 15.407	KDB789033	Restricted bands around fundamental frequency(Radiated Emission)	PASS	Appendix I)
Part15E Section 15.407	KDB789033	Radiated Spurious Emissions	PASS	Appendix J)

## Appendix A): Emission Bandwidth

### Result Table

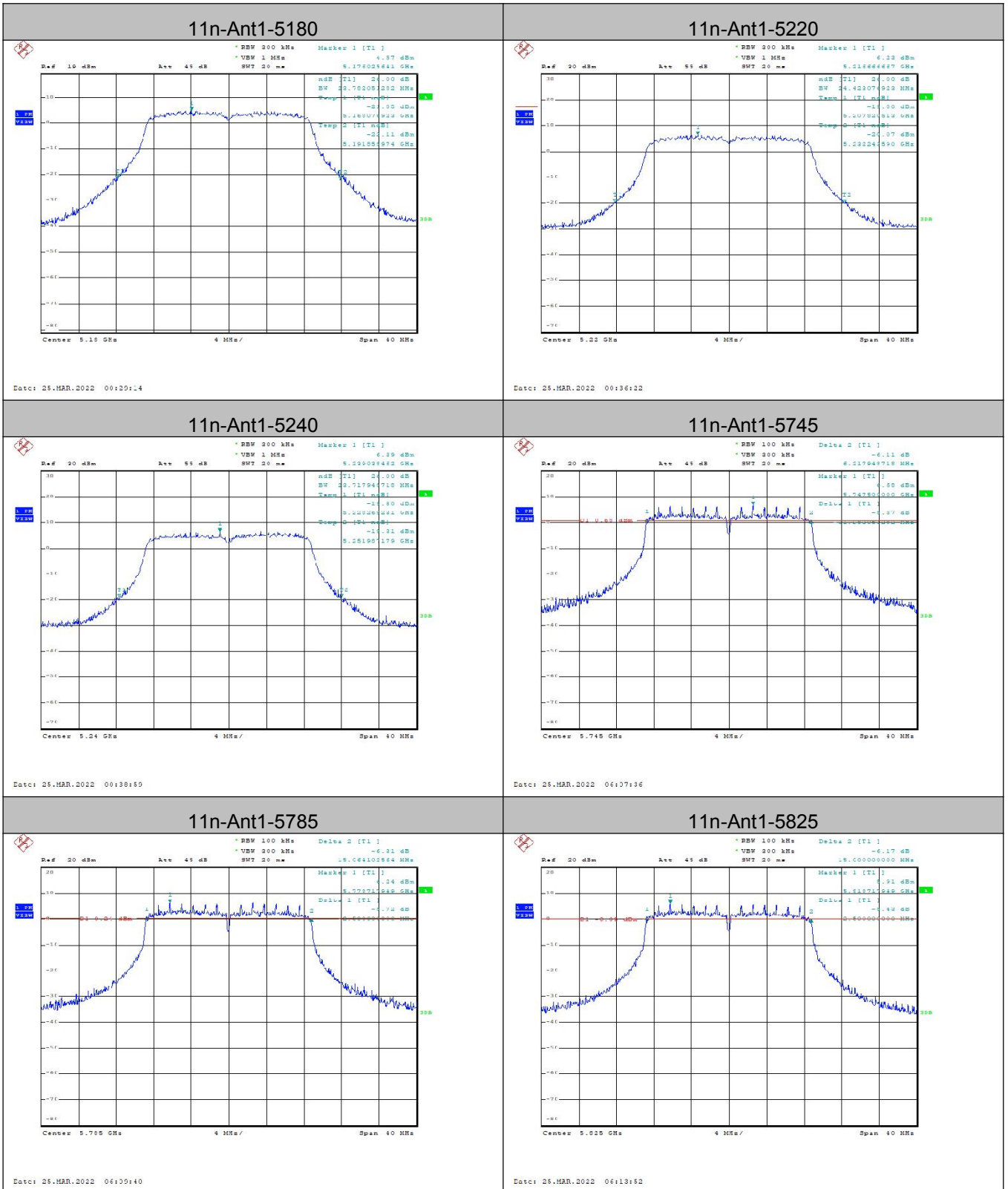
#### ANT1:

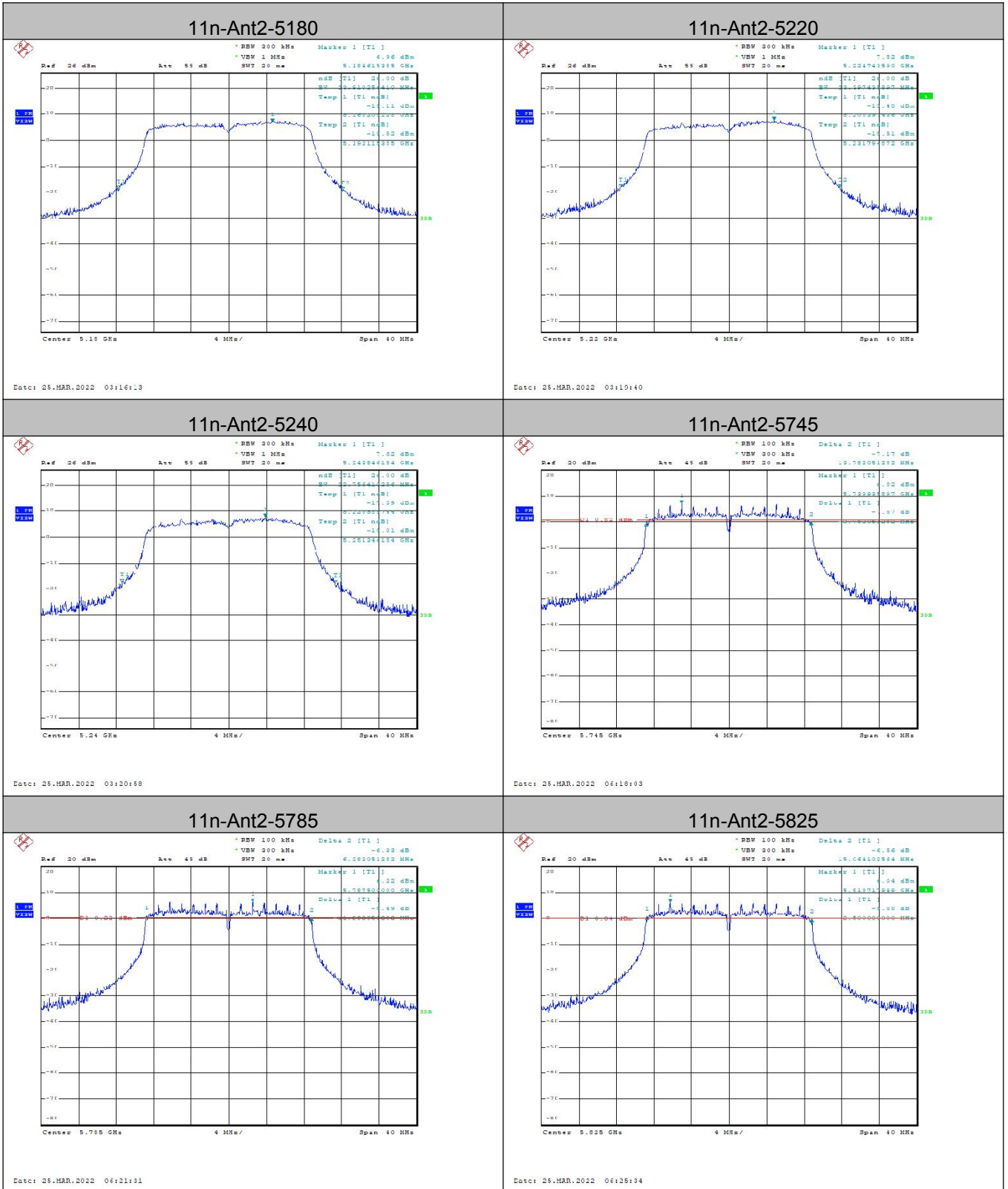
Test Mode	Antenna	Channel	EBW[MHz]	Verdict
11n	Ant1	5180	23.78	PASS
11n	Ant1	5220	24.42	PASS
11n	Ant1	5240	23.72	PASS
Test Mode	Antenna	Channel	6 dB OBW [MHz]	Verdict
11n	Ant1	5745	17.49	PASS
11n	Ant1	5785	17.64	PASS
11n	Ant1	5825	17.5	PASS

#### ANT2:

Test Mode	Antenna	Channel	EBW[MHz]	Verdict
11n	Ant2	5180	22.91	PASS
11n	Ant2	5220	22.3	PASS
11n	Ant2	5240	22.76	PASS
Test Mode	Antenna	Channel	6 dB OBW [MHz]	Verdict
11n	Ant1	5745	17.56	PASS
11n	Ant1	5785	17.48	PASS
11n	Ant1	5825	17.56	PASS

Test Graph





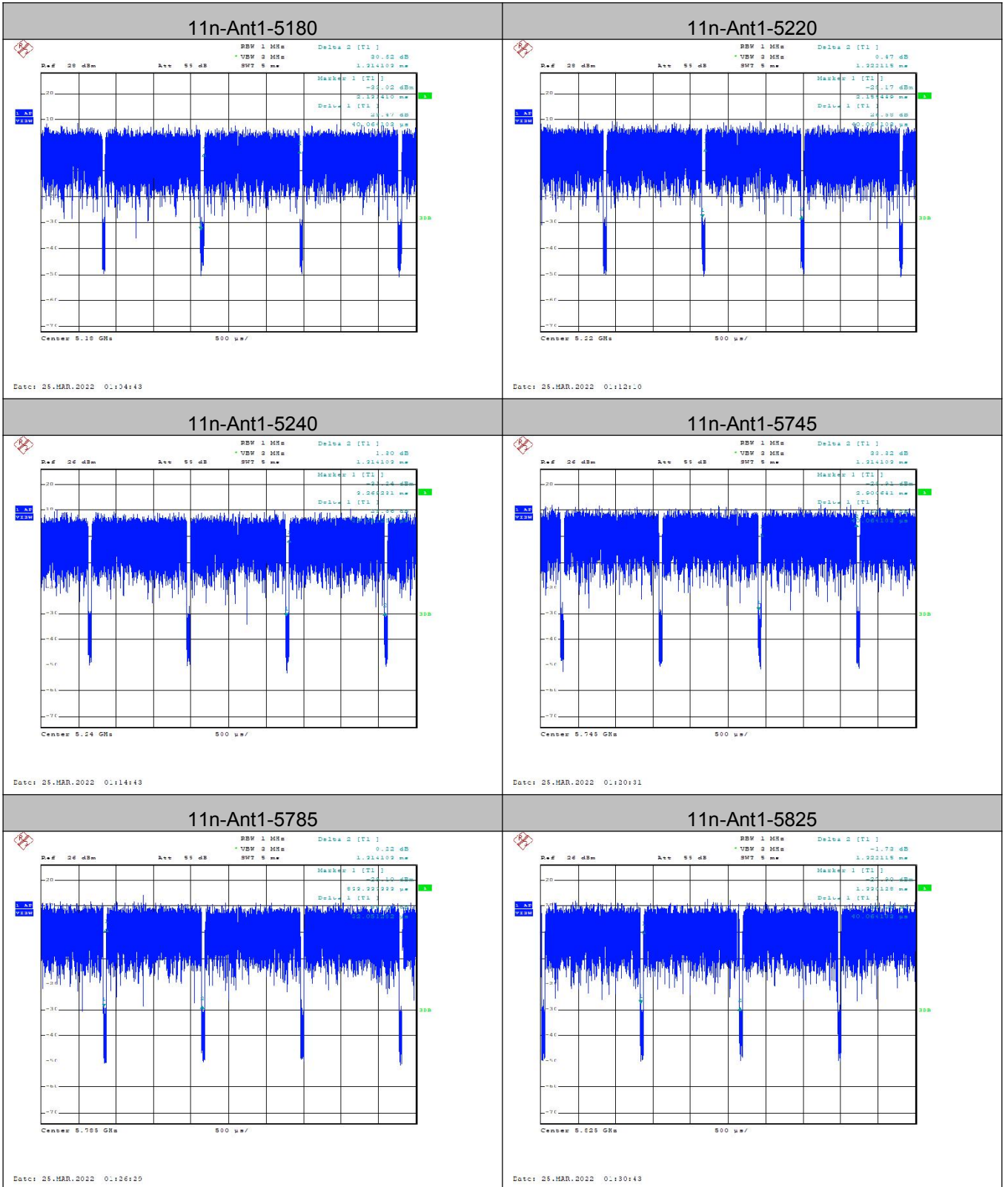


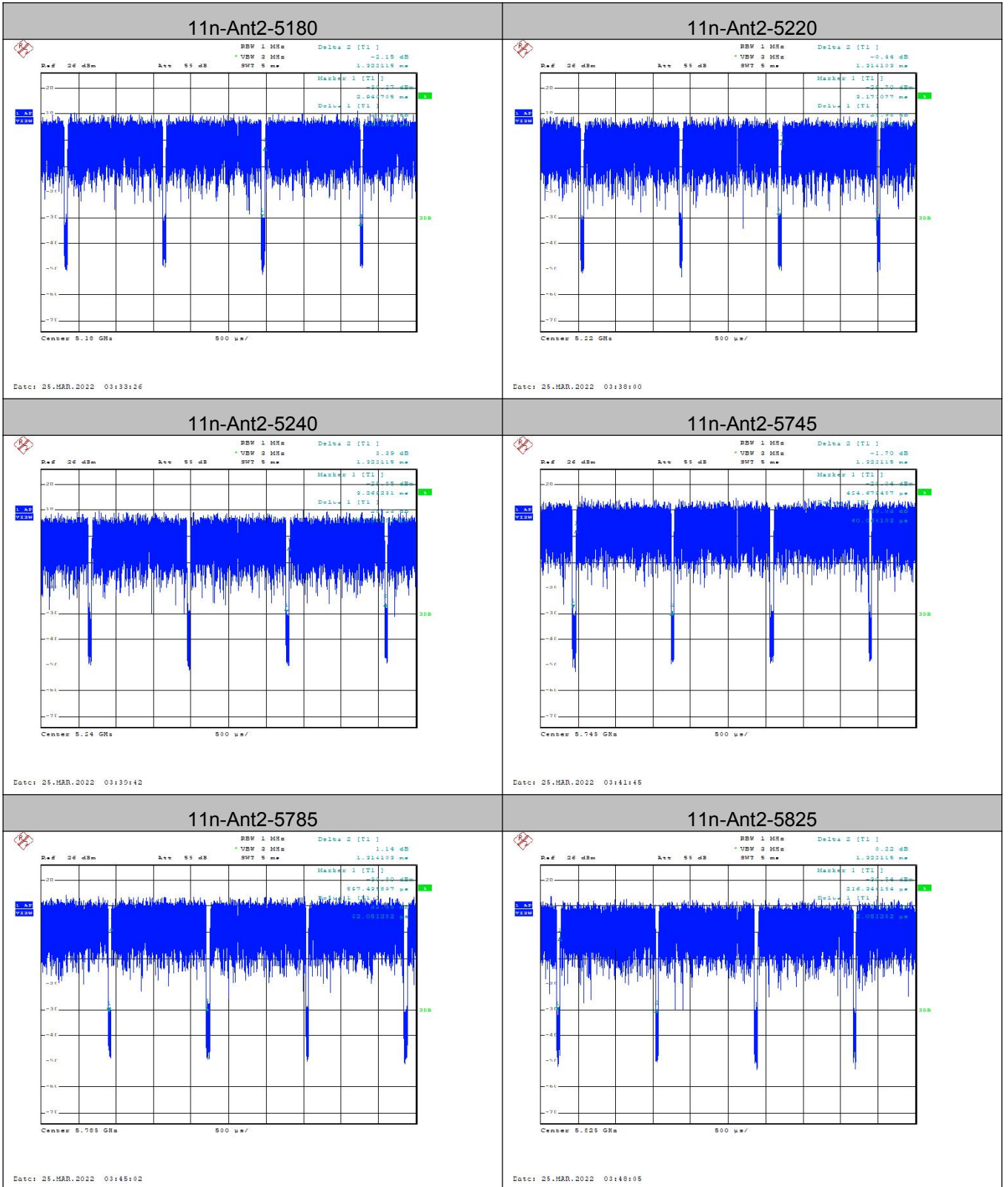
## Appendix B): Maximum Conduct Output Power

### 1. Duty Cycle (x)

#### Measurement Data

Test Mode	Antenna	Channel	Duty Cycle[%]	10log(1/x) Factor[dB]
11n	Ant1	5180	96.95	0.13
11n	Ant1	5220	96.97	0.13
11n	Ant1	5240	97.56	0.11
11n	Ant1	5745	96.95	0.13
11n	Ant1	5785	97.56	0.11
11n	Ant1	5825	96.97	0.13
Test Mode	Antenna	Channel	Duty Cycle[%]	10log(1/x) Factor[dB]
11n	Ant2	5180	96.97	0.13
11n	Ant2	5220	96.95	0.13
11n	Ant2	5240	97.58	0.11
11n	Ant2	5745	96.97	0.13
11n	Ant2	5785	97.56	0.11
11n	Ant2	5825	97.58	0.11





## 2. Conducted Average Output Power

### Measurement Data

Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11n	Ant1	5180	14.63	14.76	PASS
11n	Ant1	5220	12.2	12.33	PASS
11n	Ant1	5240	13.08	13.19	PASS
11n	Ant1	5745	16.39	16.52	PASS
11n	Ant1	5785	16.36	16.47	PASS
11n	Ant1	5825	16.4	16.53	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11n	Ant2	5180	14.73	14.86	PASS
11n	Ant2	5220	12.19	12.32	PASS
11n	Ant2	5240	12.18	12.29	PASS
11n	Ant2	5745	16.14	16.27	PASS
11n	Ant2	5785	16.06	16.17	PASS
11n	Ant2	5825	16.57	16.68	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	Av.Power [dBm]	Verdict
11n	MIMO	5180	17.69	17.82	PASS
11n	MIMO	5220	15.21	15.34	PASS
11n	MIMO	5240	15.66	15.77	PASS
11n	MIMO	5745	19.28	19.41	PASS
11n	MIMO	5785	19.22	19.33	PASS
11n	MIMO	5825	19.50	19.62	PASS

Remark:

Av.Power=Meas.Level+10 log (1/duty cycle)

E.i.r.p=Av.Power+G,

G = antenna gain in dBi.

## Appendix C): Power Spectral Density

Result Table

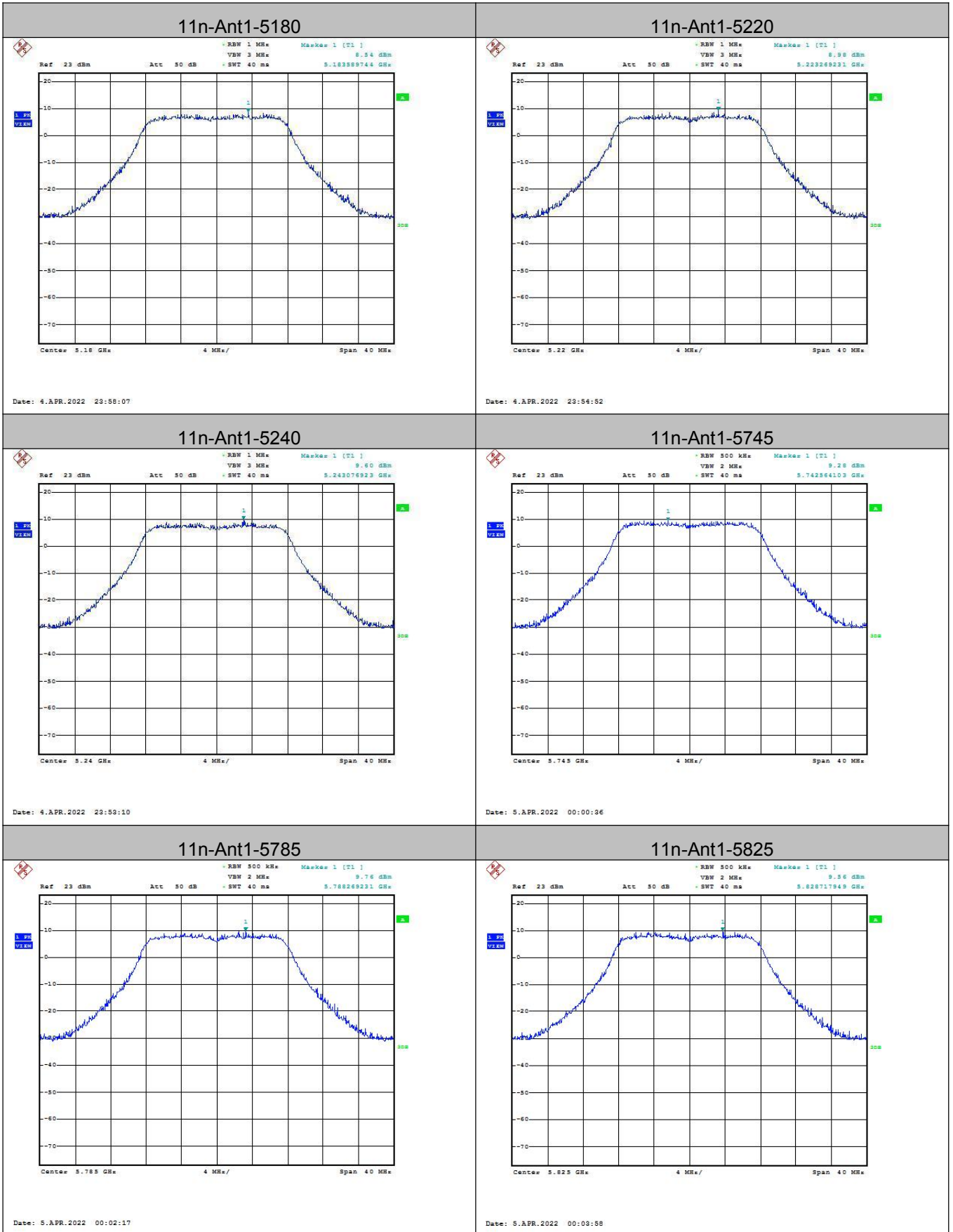
Test Mode	Antenna	Channel	Meas.Level [dBm]	Duty Cycle Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11n	Ant1	5180	6.74	0.13	6.87	11.00	PASS
11n	Ant1	5220	5.9	0.13	6.03	11.00	PASS
11n	Ant1	5240	6.07	0.11	6.18	11.00	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	Duty Cycle Factor [dB]	PSD [dBm/MHz]	Limit [dBm/500kHz]	Verdict
11n	Ant1	5745	9.28	0.13	9.41	30.00	PASS
11n	Ant1	5785	9.76	0.11	9.87	30.00	PASS
11n	Ant1	5825	9.56	0.13	9.69	30.00	PASS

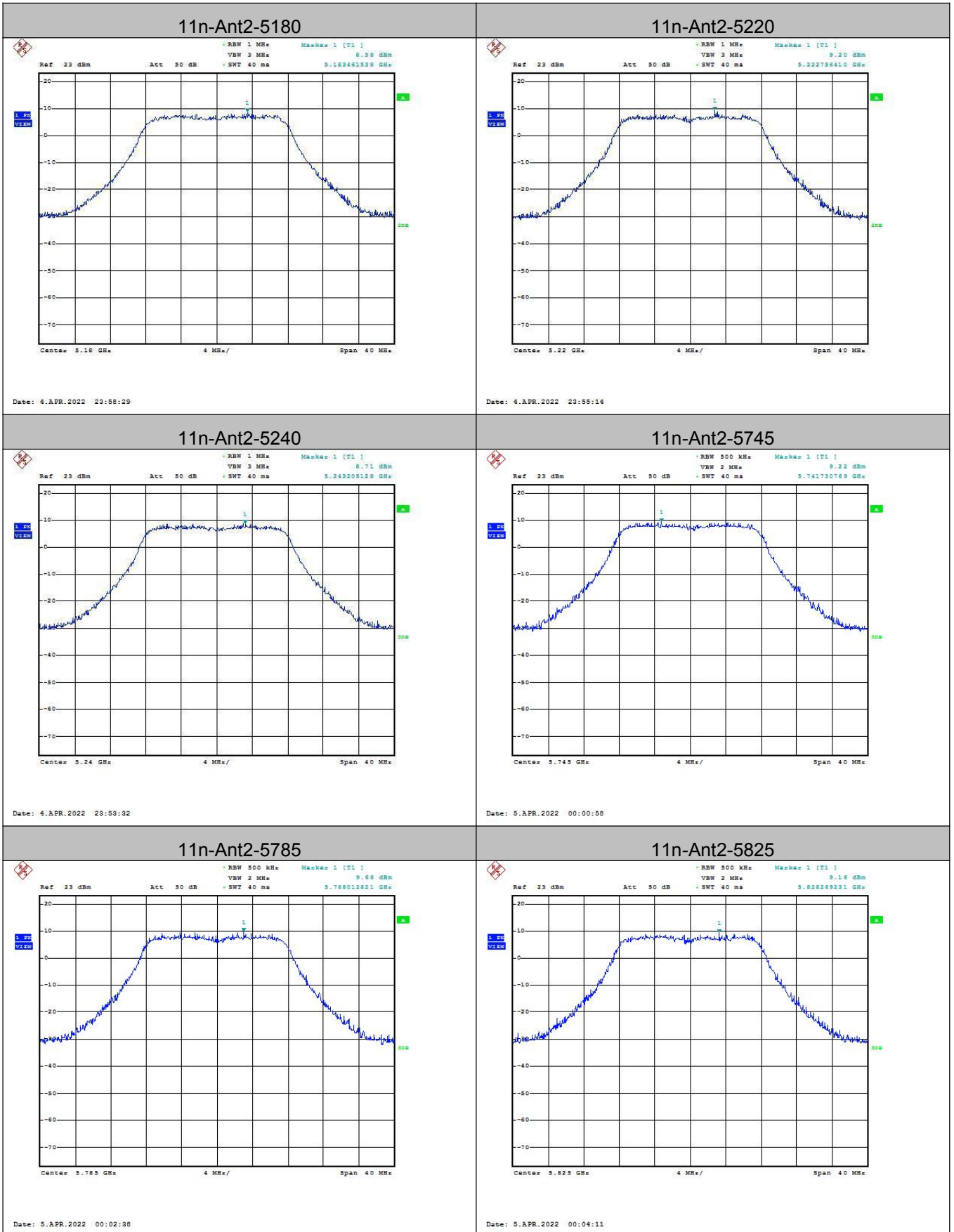
Test Mode	Antenna	Channel	Meas.Level [dBm]	Duty Cycle Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11n	Ant2	5180	5.71	0.13	5.84	11.00	PASS
11n	Ant2	5220	5.69	0.13	5.82	11.00	PASS
11n	Ant2	5240	5.38	0.11	5.49	11.00	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	Duty Cycle Factor [dB]	PSD [dBm/MHz]	Limit [dBm/500kHz]	Verdict
11n	Ant2	5745	9.22	0.13	9.35	30.00	PASS
11n	Ant2	5785	9.68	0.11	9.79	30.00	PASS
11n	Ant2	5825	9.16	0.11	9.27	30.00	PASS

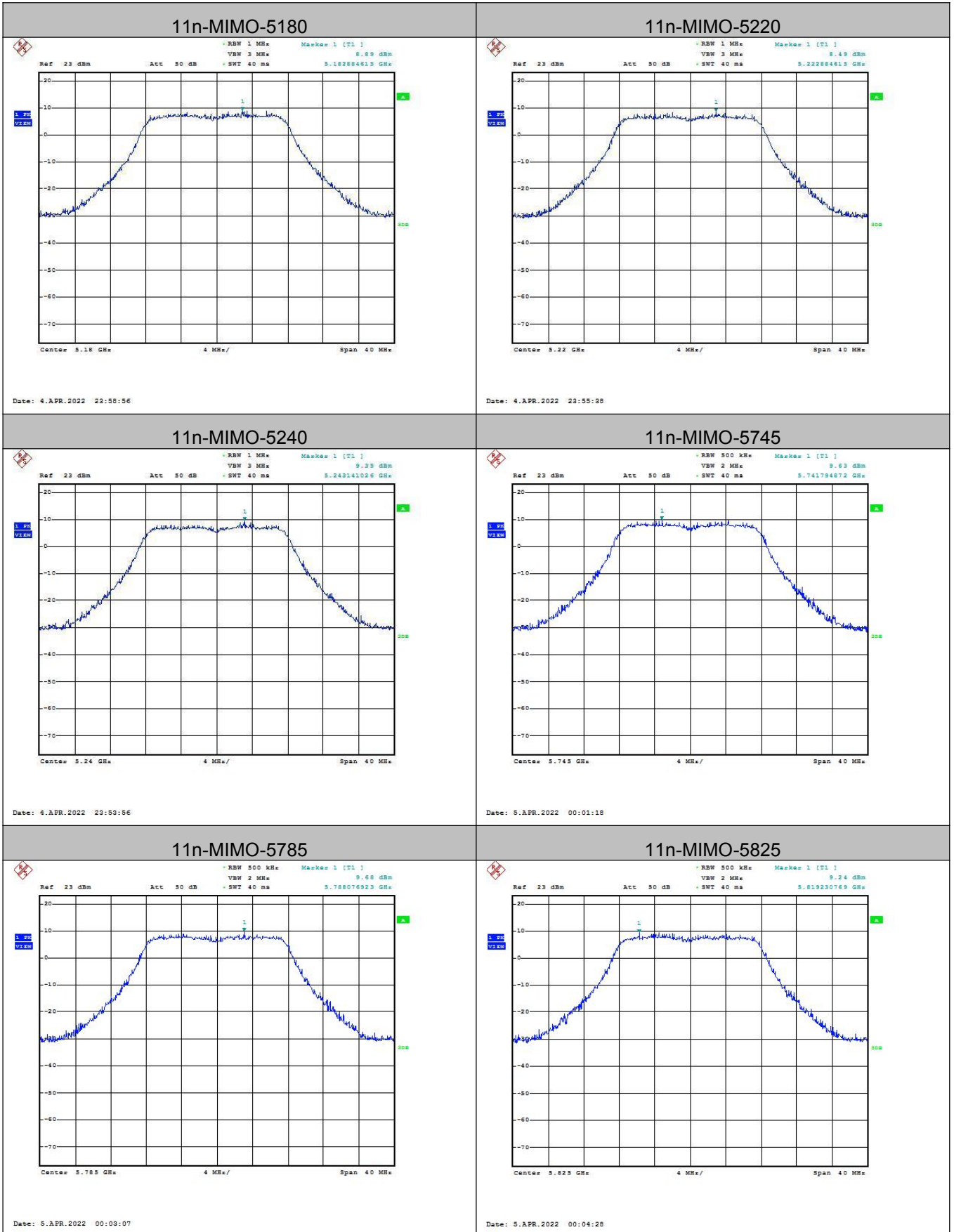
Test Mode	Antenna	Channel	Meas.Level [dBm]	Duty Cycle Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11n	MIMO	5180	9.27	0.13	9.40	11.00	PASS
11n	MIMO	5220	8.81	0.13	8.94	11.00	PASS
11n	MIMO	5240	8.75	0.11	8.86	11.00	PASS
Test Mode	Antenna	Channel	Meas.Level [dBm]	Duty Cycle Factor [dB]	PSD [dBm/MHz]	Limit [dBm/500kHz]	Verdict
11n	MIMO	5745	12.26	0.13	12.39	30.00	PASS
11n	MIMO	5785	12.73	0.11	12.84	30.00	PASS
11n	MIMO	5825	12.37	0.13	12.50	30.00	PASS

**Remark:**

PSD = Meas PSD + Duty Cycle Factor







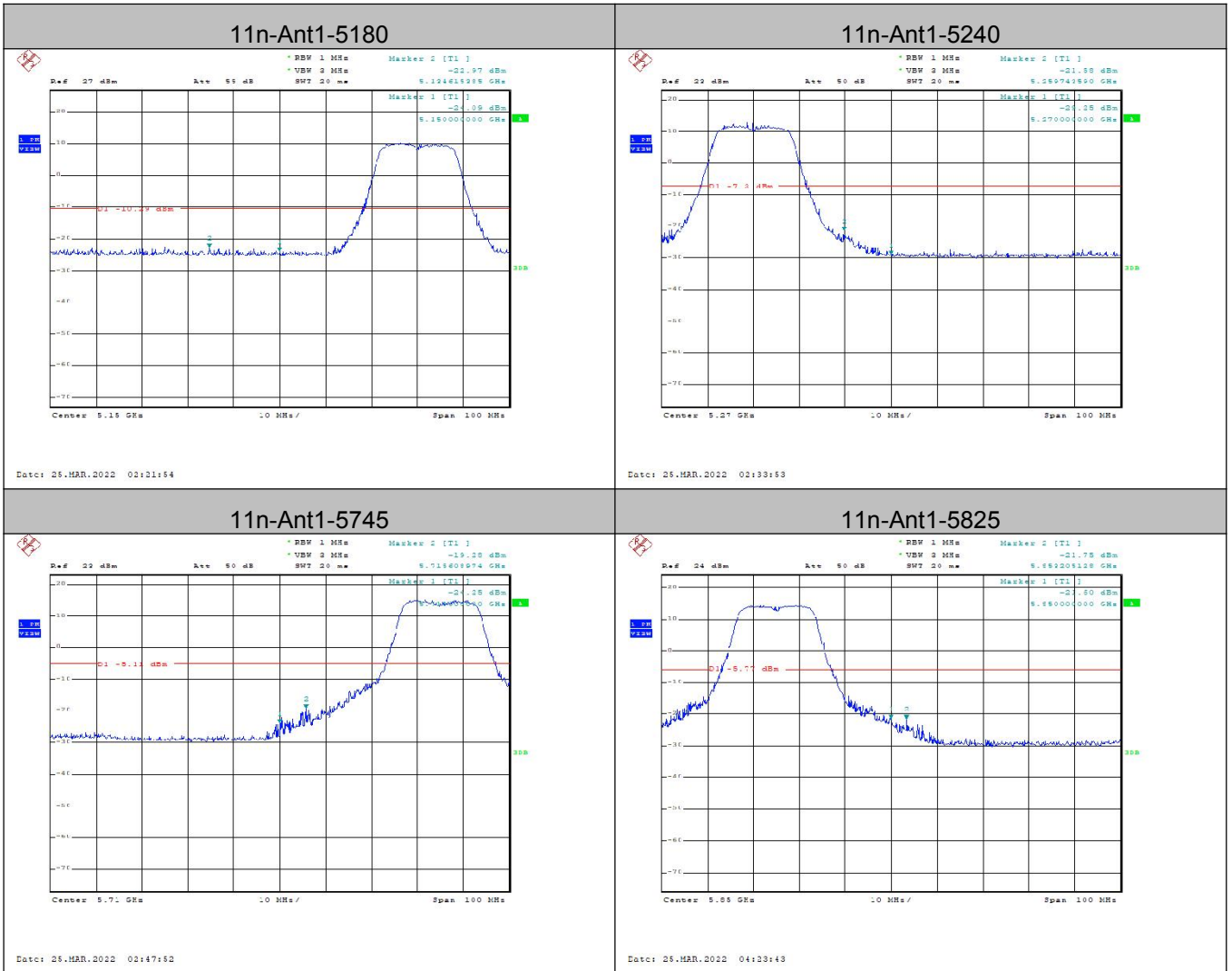


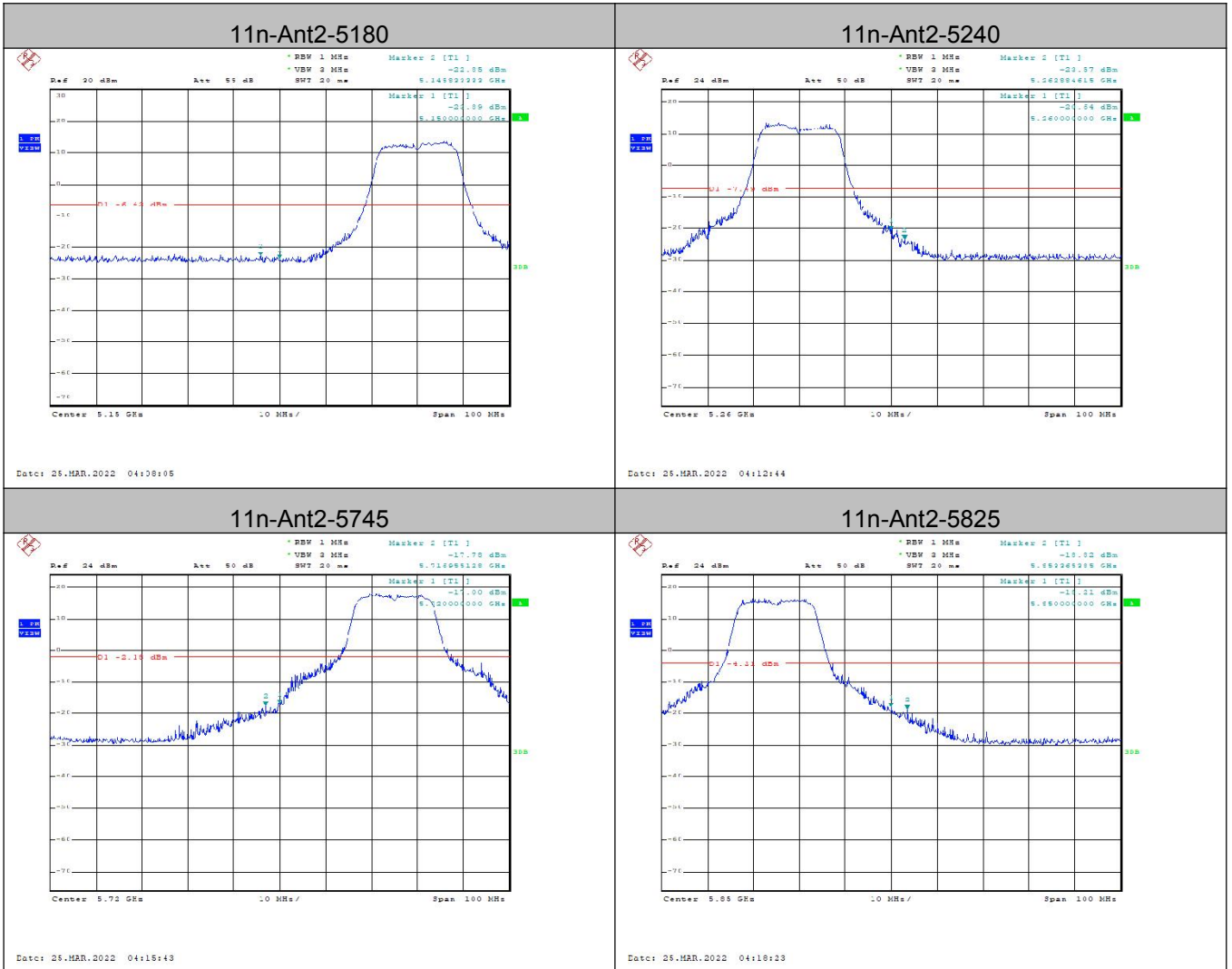
## Appendix D): Band Edge Measurements

Result Table

Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11n	Ant1	5180	-22.97		PASS
11n	Ant1	5240	-21.58		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11n	Ant1	5745	-24.25	-19.28	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11n	Ant1	5825	-21.6	-21.75	PASS

Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
11n	Ant2	5180	-22.85		PASS
11n	Ant2	5240	-23.57		PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			Below 5715	5715-5725	
11n	Ant2	5745	-17.78	-17	PASS
Test Mode	Antenna	Channel	Max.Level [dBm]		Verdict
			5850-5860	Above 5860	
11n	Ant2	5825	-18.21	-18.82	PASS





## Appendix E): Frequency Stability

### Measurement Data

Frequency Stability Versus Temp.			
Operating Frequency: 5220 MHz			
Temp (°C)	Volta ge	Measured Frequency (MHz)	Frequency Drift (ppm)
50	VN	5219.923	-14.75
40		5219.935	-12.45
30		5219.935	-12.45
20		5219.936	-12.26
10		5219.922	-14.94
0		5219.934	-12.64
-10		5219.974	-4.98
-20		5219.977	-4.41

Frequency Stability Versus Temp.			
Operating Frequency: 5220 MHz			
Temp.	Volta ge	Measured Frequency (MHz)	Frequency Drift (ppm)
TN	VL	5219.925	-14.37
	VN	5219.935	-12.45
	VH	5219.912	-16.86

Note: All the modulation and channels had been tested, but only the worst data recorded in the report.

**Appendix F): Antenna Requirement**

**15.203 requirement:**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

**15.407(a)(1) (2) requirement:**

The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

**EUT Antenna:**



The antenna is External antenna with reversed SMA connector. The best case gain of the 5G antenna is 3dBi@Band 1, 3dBi@Band 4

**Appendix G): Operation in the absence of information to the transmit**

**15.407(c) requirement:**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signal ling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

**Operation in the absence of information to the transmit**

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ASK message transmitting from remote device and verify whether it shall resend or discontinue transmission. (manufacturer declare )

## Appendix H): AC Power Line Conducted Emission

<p>Test Procedure:</p>	<p>Test frequency range :150KHz-30MHz</p> <ol style="list-style-type: none"> <li>1)The mains terminal disturbance voltage test was conducted in a shielded room.</li> <li>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a <math>50\Omega/50\mu\text{H} + 5\Omega</math> linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</li> <li>3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</li> <li>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.</li> <li>5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.</li> </ol>														
<p>Limit:</p>	<table border="1"> <thead> <tr> <th rowspan="2">Frequency range (MHz)</th> <th colspan="2">Limit (dB<math>\mu</math>V)</th> </tr> <tr> <th>Quasi-peak</th> <th>Average</th> </tr> </thead> <tbody> <tr> <td>0.15-0.5</td> <td>66 to 56*</td> <td>56 to 46*</td> </tr> <tr> <td>0.5-5</td> <td>56</td> <td>46</td> </tr> <tr> <td>5-30</td> <td>60</td> <td>50</td> </tr> </tbody> </table> <p>* The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. NOTE : The lower limit is applicable at the transition frequency</p>	Frequency range (MHz)	Limit (dB $\mu$ V)		Quasi-peak	Average	0.15-0.5	66 to 56*	56 to 46*	0.5-5	56	46	5-30	60	50
Frequency range (MHz)	Limit (dB $\mu$ V)														
	Quasi-peak	Average													
0.15-0.5	66 to 56*	56 to 46*													
0.5-5	56	46													
5-30	60	50													

### Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.