



FCC RF Test Report

APPLICANT : OnePlus Technology (Shenzhen) Co., Ltd.
EQUIPMENT : Mobile Phone
BRAND NAME : OnePlus
MODEL NAME : CPH2771
FCC ID : 2ABZ2-OP24879
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : 15E 6 GHZ Very Low Power Device(6VL)
TEST DATE(S) : Oct. 16, 2025 ~ Nov. 19, 2025

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Approved by: Fly Liang



Sporton International Inc. (ShenZhen)

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People's Republic of China



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History of this test report

Report No.	Version	Description	Issued Date
FR5O1021H	01	Initial issue of report	Nov. 24, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.407(a)(11)	26dB Emission Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)(9)	Maximum Conducted Output Power	Pass	-
3.2	15.407(a)(9)	Fundamental Maximum EIRP	Pass	-
3.3	15.407(a)(9)	Fundamental Power Spectral Density	Pass	-
3.4	15.407(b)(7)	In-Band Emissions (Channel Mask)	Pass	-
-	15.407(d)(6)	Contention Based Protocol	Pass	1
3.5	15.407(b)	Unwanted Emissions	Pass	Under limit 9.47 dB at 7282.840 MHz
3.6	15.207	AC Conducted Emission	Pass	Under limit 5.63 dB at 0.160 MHz
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Remark:

- The device support VLP and Dual Client, the Very Low Power client and low power client share the same RF Path, the Contention Based Protocol have been demonstrated compliance in the Indoor low power test report which is issued separately (Report No. FR5O1021F).

Conformity Assessment Condition:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
- The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty"

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.



1 General Description

1.1 Applicant

OnePlus Technology (Shenzhen) Co., Ltd.

18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

1.2 Manufacturer

OnePlus Technology (Shenzhen) Co., Ltd.

18C02, 18C03, 18C04, and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen, Guangdong, P.R. China.

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	OnePlus
Model Name	CPH2771
FCC ID	2ABZ2-OP24879
IMEI	Conducted: 863339080030875-863339080030867 Conduction: 863339080028895/863339080028887 Radiation: 863339080030271/863339080030263
HW Version	11
SW Version	OxygenOS 16.0
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	U-NII-5: 5925 MHz ~ 6425 MHz U-NII-6: 6425 MHz ~ 6525 MHz U-NII-7: 6525 MHz ~ 6875 MHz U-NII-8: 6875 MHz ~ 7125 MHz
Maximum EIRP	<MIMO Ant.9+8> <5925 MHz ~ 7125 MHz > 802.11a : -3.61 dBm / 0.0004 W 802.11ax HE20 : -3.82 dBm / 0.0004 W 802.11ax HE40 : -1.91 dBm / 0.0006 W 802.11ax HE80 : 4.00 dBm / 0.0025 W 802.11ax HE160 : 6.60 dBm / 0.0046 W 802.11be EHT20 : -3.78 dBm / 0.0004 W 802.11be EHT40 : -1.83 dBm / 0.0007 W 802.11be EHT80 : 4.06 dBm / 0.0025 W 802.11be EHT160 : 6.67 dBm / 0.0046 W 802.11be EHT320 : 10.69 dBm / 0.0117 W
99% Occupied Bandwidth	802.11a : 17.698 MHz 802.11be EHT20 : 19.530 MHz 802.11be EHT40 : 38.916 MHz 802.11be EHT80 : 78.840 MHz 802.11be EHT160 : 159.950 MHz 802.11be EHT320 : 317.410 MHz
Antenna Type / Gain	<5925 MHz ~ 6425 MHz > <Ant. 9> : IFA Antenna with gain -1.40 dBi <Ant. 8> : IFA Antenna with gain -0.40 dBi <6425 MHz ~ 6525 MHz > <Ant. 9> : IFA Antenna with gain -7.20 dBi <Ant. 8> : IFA Antenna with gain -1.00 dBi <6525 MHz ~ 6875 MHz > <Ant. 9> : IFA Antenna with gain -8.30 dBi <Ant. 8> : IFA Antenna with gain -2.00 dBi <6875 MHz ~ 7125 MHz > <Ant. 9> : IFA Antenna with gain -7.90 dBi <Ant. 8> : IFA Antenna with gain -3.40 dBi
Type of Modulation	802.11a: OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM) 802.11be : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM / 4096QAM)

Remark:

1. WIFI MIMO support CDD by manufacturer declared.
2. For WLAN SISO/MIMO mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power.
3. For 802.11ax/be 20/40/80/160MHz mode, the whole testing has assessed only 802.11be EHT20/EHT40/EHT80/EHT160MHz by referring to the higher output power.

4. 802.11ax/be support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) are tested for conducted power/PSD/Channel Mask in appendix A, all the other test case were performed with full RU with its maximum power/PSD.
5. The device does not support UNII-5 CH 2 & UNII-8 CH 233 by manufacturer declared.
6. 802.11be support small size RU, Large size RU and Puncturing modes as below, which is less than full RU conducted power, therefore have assessed only Power Density/MASK/RSE.

<Small size RU 52+26 Tone>:

Bandwidth	Tones		Index		For test modes configure
20MHz	26	52	1	38	1
20MHz	52	26	39	7	3

<Small size RU 106+26 Tone>:

Bandwidth	Tones		Index		For test modes configure
20MHz	106	26	53	4	1
20MHz	26	106	4	54	2

<Large size RU 484+242 tone> & <80M BW Puncturing 20MHz>:

Bandwidth	Tones		Index		For test modes configure
80MHz	242	484	62	66	1
80MHz	242	484	61	66	2
80MHz	484	242	65	64	3
80MHz	484	242	65	63	4

<Large size RU 996+484 tone> & <160M BW Puncturing 40MHz>:

Bandwidth	Tones		Index		For test modes configure
160MHz	484-Left	996-Right	66-Left	67-Right	1
160MHz	484-Left	996-Right	65-Left	67-Right	2
160MHz	996-Left	484-Right	67-Left	66-Right	3
160MHz	996-Left	484-Right	67-Left	65-Right	4

<160M BW Puncturing 20MHz>:

Bandwidth	Tones			Index			For test modes configure
160MHz	242-Left	484-Left	996-Right	62-Left	66-Left	67-Right	1
160MHz	242-Left	484-Left	996-Right	61-Left	66-Left	67-Right	2
160MHz	484-Left	242-Left	996-Right	65-Left	64-Left	67-Right	3
160MHz	484-Left	242-Left	996-Right	65-Left	63-Left	67-Right	4
160MHz	996-Left	242-Right	484-Right	67-Left	62-Right	66-Right	5
160MHz	996-Left	242-Right	484-Right	67-Left	61-Right	66-Right	6
160MHz	996-Left	484-Right	242-Right	67-Left	65-Right	64-Right	7
160MHz	996-Left	484-Right	242-Right	67-Left	65-Right	63-Right	8

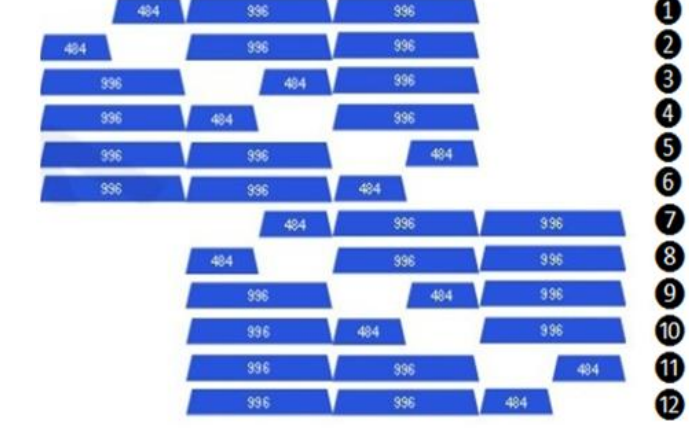
<Large size RU 3*996 tone> & <320M BW Puncturing 80MHz>:

Bandwidth	Tones	Index	For test modes configure
320MHz			1
			2
			3
			4

<Large size RU 3*996+484 tone> & <320M BW Puncturing 40MHz>:

Bandwidth	Tones	Index	For test modes configure
320MHz			1
			2
			3
			4
			5
			6
			7
			8

<Large size RU 2*996+484 tone> & <320M BW Puncturing 80+40MHz>:

Bandwidth	Tones	Index	For test modes configure
320MHz			1
			2
			3
			4
			5
			6
			7
			8
			9
			10
			11
			12

Only the worse cases are shown in this report.



1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ CO02-SZ 03CH01-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24
2.	CO01-SZ	AUDIX	E3	6.120613b

1.8 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v03
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2020

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Z plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

<U-NII-5, 6, 7, 8>

BW 20M	Channel	1	5	9	13	17	21	25	29
	Freq. (MHz)	5955	5975	5995	6015	6035	6055	6075	6095
BW 40M	Channel	3		11		19		27	
	Freq. (MHz)	5965		6005		6045		6085	
BW 80M	Channel	7				23			
	Freq. (MHz)	5985				6065			
BW 160M	Channel	15							
	Freq. (MHz)	6025							

BW 20M	Channel	33	37	41	45	49	53	57	61
	Freq. (MHz)	6115	6135	6155	6175	6195	6215	6235	6255
BW 40M	Channel	35		43		51		59	
	Freq. (MHz)	6125		6165		6205		6245	
BW 80M	Channel	39				55			
	Freq. (MHz)	6145				6225			
BW 160M	Channel	47							
	Freq. (MHz)	6185							
BW 320M	Channel	31				63			
	Freq. (MHz)	6105				6265			



BW 20M	Channel	65	69	73	77	81	85	89	93
	Freq. (MHz)	6275	6295	6315	6335	6355	6375	6395	6415
BW 40M	Channel	67		75		83		91	
	Freq. (MHz)	6285		6325		6365		6405	
BW 80M	Channel	71				87			
	Freq. (MHz)	6305				6385			
BW 160M	Channel	79							
	Freq. (MHz)	6345							
BW 320M	Channel	95							
	Freq. (MHz)	6425							

BW 20M	Channel	97	101	105	109	113	117	121	125
	Freq. (MHz)	6435	6455	6475	6495	6515	6535	6555	6575
BW 40M	Channel	99		107		115		123	
	Freq. (MHz)	6445		6485		6525		6565	
BW 80M	Channel	103				119			
	Freq. (MHz)	6465				6545			
BW 160M	Channel	111							
	Freq. (MHz)	6505							

BW 20M	Channel	129	133	137	141	145	149	153	157
	Freq. (MHz)	6595	6615	6635	6655	6675	6695	6715	6735
BW 40M	Channel	131		139		147		155	
	Freq. (MHz)	6605		6645		6685		6725	
BW 80M	Channel	135				151			
	Freq. (MHz)	6625				6705			
BW 160M	Channel	143							
	Freq. (MHz)	6665							
BW 320M	Channel	127							
	Freq. (MHz)	6585							



BW 20M	Channel	161	165	169	173	177	181	185	189
	Freq. (MHz)	6755	6775	6795	6815	6835	6855	6875	6895
BW 40M	Channel	163		171		179		187	
	Freq. (MHz)	6765		6805		6845		6885	
BW 80M	Channel	167				183			
	Freq. (MHz)	6785				6865			
BW 160M	Channel	175							
	Freq. (MHz)	6825							
BW 320M	Channel	159							
	Freq. (MHz)	6745							

BW 20M	Channel	193	197	201	205	209	213	217	221
	Freq. (MHz)	6915	6935	6955	6975	6995	7015	7035	7055
BW 40M	Channel	195		203		211		219	
	Freq. (MHz)	6925		6965		7005		7045	
BW 80M	Channel	199				215			
	Freq. (MHz)	6945				7025			
BW 160M	Channel	207							
	Freq. (MHz)	6985							
BW 320M	Channel	191							
	Freq. (MHz)	6905							

BW 20M	Channel	225	229
	Freq. (MHz)	7075	7095
BW 40M	Channel	227	
	Freq. (MHz)	7085	

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

Modulation	Data Rate
802.11a	6 Mbps
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0
802.11be EHT20	MCS0
802.11be EHT40	MCS0
802.11be EHT80	MCS0
802.11be EHT160	MCS0
802.11be EHT320	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : GSM 850 Idle+ BT Link+ WLAN Link(6G)+ USB Cable(Charging From Adapter 1) + Battery 1
Remark: For Radiated Test Cases, the tests were performed with Adapter and USB Cable.	

Ch. #		UNII-5	UNII-6	UNII-7	UNII-8
		20M BW	20M BW	20M BW	20M BW
L	Low	001	097	117	189
M	Middle	045	105	149	209
H	High	093	113	181	229
Straddle		-	-	-	185

Ch. #		UNII-5	UNII-6	UNII-7	UNII-8
		40M BW	40M BW	40M BW	40M BW
L	Low	003	099	123	195
M	Middle	043	-	147	203
H	High	091	107	179	227
Straddle		-	115	-	187

Ch. #		UNII-5	UNII-6	UNII-7	UNII-8
		80M BW	80M BW	80M BW	80M BW
L	Low	007	103	135	199
M	Middle	039		151	-
H	High	087		167	215
Straddle		-	119	183	-

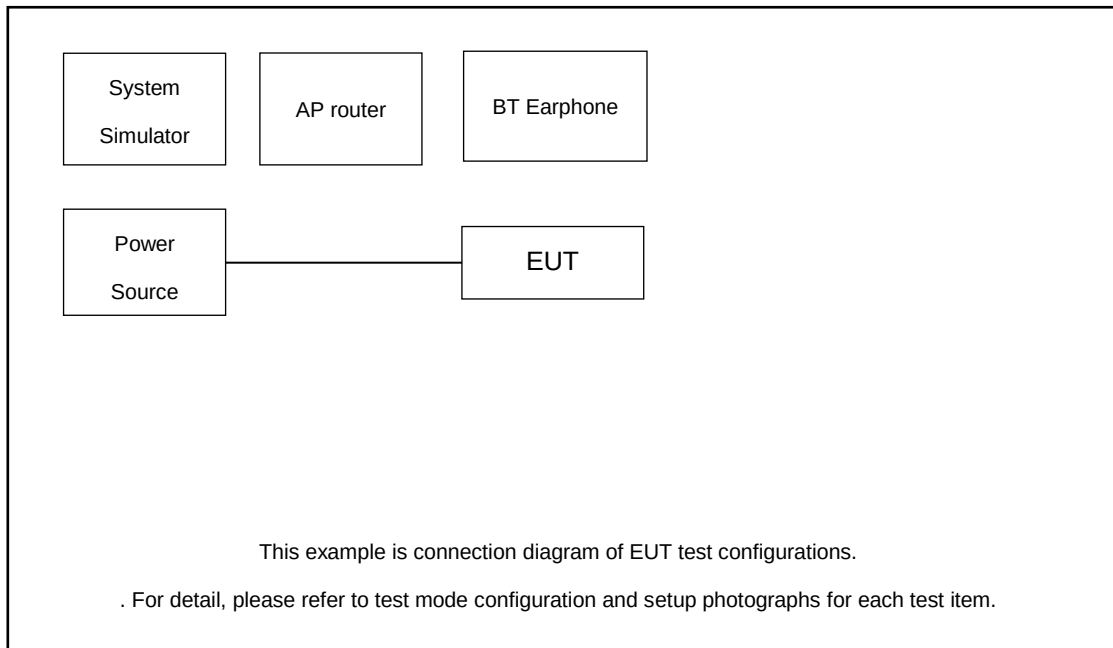
Ch. #		UNII-5	UNII-6	UNII-7	UNII-8
		160M BW	160M BW	160M BW	160M BW
L	Low	015	-	143	207
M	Middle	047			
H	High	079			
Straddle		-	111	175	-

Ch. #		UNII-5	UNII-6	UNII-7	UNII-8
		320M BW	320M BW	320M BW	320M BW
L	Low	-	-	-	-
M	Middle	031			
H	High	063			
Straddle		95	127	159	191

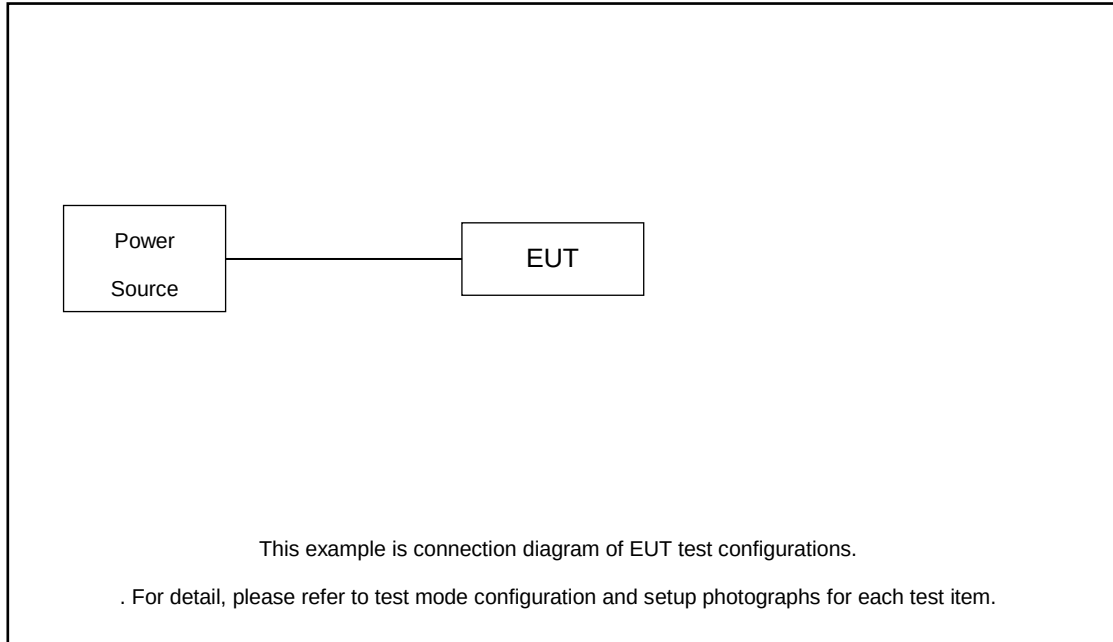
Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System

For Conduction emission



For Radiated emission



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station(LTE)	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Samsung	EO-MG900	PYAHS-107W	N/A	N/A
3.	WLAN AP	NETHEAR	RAXE500	PY320300508	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program (QRCT TX Tool) was provided and enabled to make EUT continuously transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 5.86 dB and 10dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 5.86 + 10 = 15.86 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 CFR 15.407 (a)(11)

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

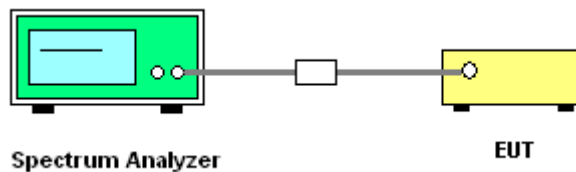
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak 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%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum conducted Output Power and Fundamental Maximum EIRP Measurement

3.2.1 Limit of Fundamental Maximum EIRP

(a)(9) For very low power devices operating in the 5.925-7125 GHz bands, the maximum e.i.r.p must not exceed 14 dBm.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

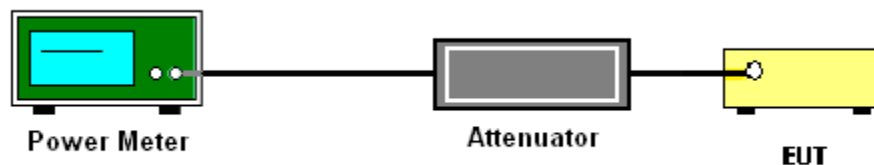
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM (Measurement using an RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, $10 \log(1/x)$, where x is the duty cycle.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

3.2.4 Test Setup



3.2.5 Test Result of Fundamental Maximum EIRP

Please refer to Appendix A.



3.3 Fundamental Power Spectral Density Measurement

3.3.1 Limit of Fundamental Power Spectral Density

(a)(9) For very low power devices operating in the 5.925-7125 GHz bands, the maximum power spectral density must not exceed -5 dBm e.i.r.p in any 1-megahertz band.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

Method SA-2

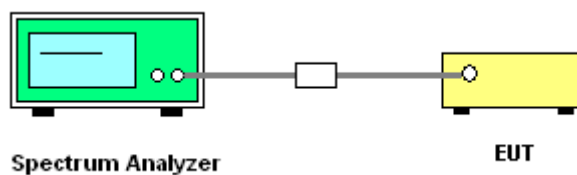
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, attenuator loss and duty factor. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

The total final Power Spectral Density is the bin-by-bin summation to obtain the combined spectrum. For the device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 In-Band Emissions (Channel Mask)

3.4.1 Limit of Unwanted Emissions

(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.

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

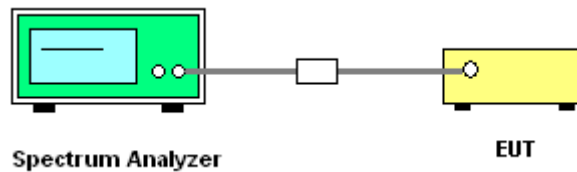
The testing follows FCC KDB 987594 D02 U-NII 6GHz EMC Measurement.

Section J) In-Band Emissions.

1. Take nominal bandwidth as reference channel bandwidth provided that 26 dB emission bandwidth is always larger than nominal bandwidth
2. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
3. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a. Suppressed by 20 dB at 1 MHz outside of the channel edge.
 - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel

- center.
4. Adjust the span to encompass the entire mask as necessary.
 5. Clear trace.
 6. Trace average at least 100 traces in power averaging (rms) mode.
 7. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

3.4.4 Test Setup



3.4.5 Test Result

Please refer to Appendix A.

3.5 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.5.1 Limit of Unwanted Emissions

- (1) For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27 (RMS)	68.2
- 7 (Peak)	88.2

Unwanted emissions outside of restricted bands are measured with a RMS detector.

In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

- (2) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

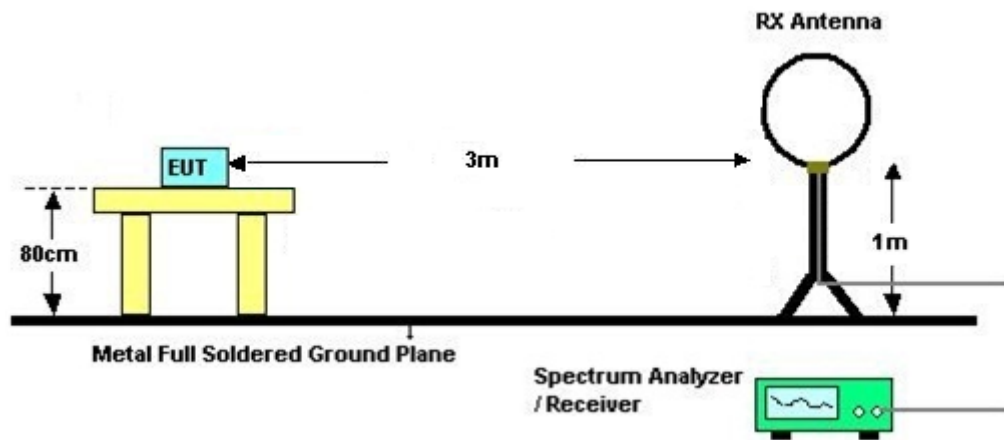


3.5.3 Test Procedures

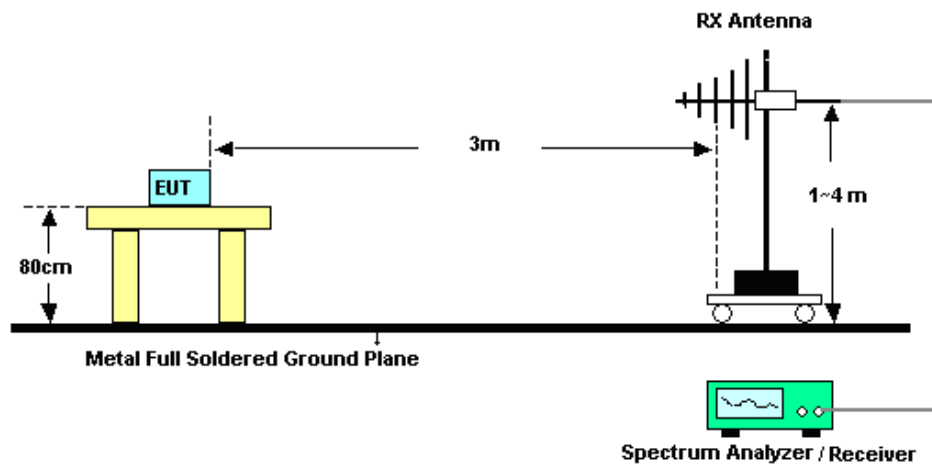
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.5.4 Test Setup

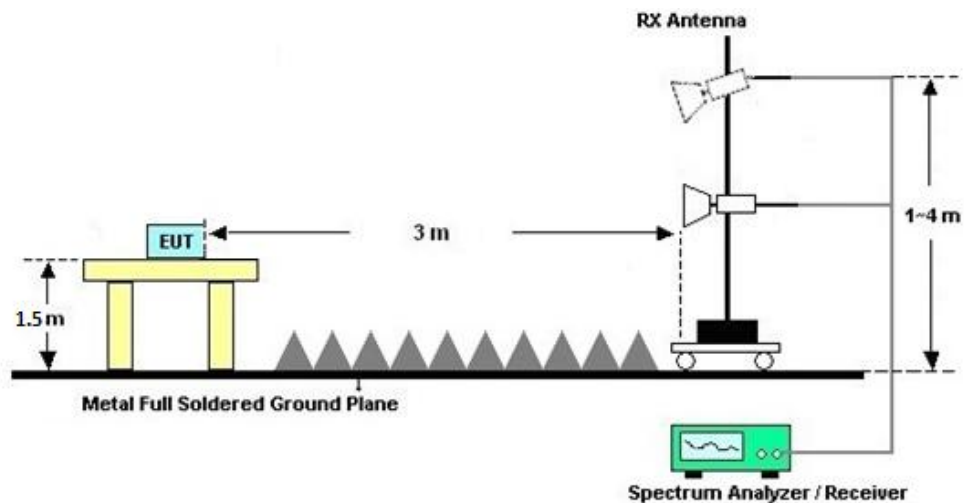
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz





3.5.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C

3.5.7 Duty Cycle

Please refer to Appendix D.

3.5.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

The emission level above 18GHz is checked that the emission level is noise floor only, so it is not reflected in the report.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

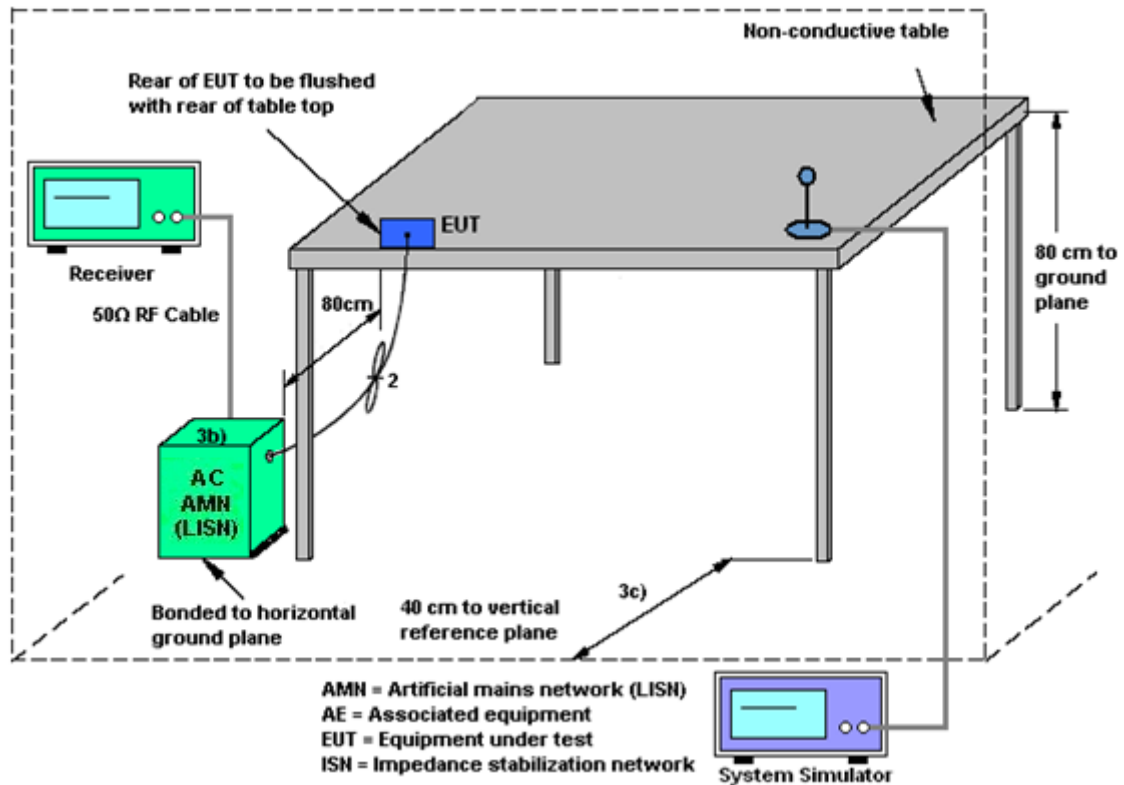
3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

§15.203: 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 shall be considered sufficient to comply with the provisions of this section.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used. The EUT complies with the requirement of 15.203.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

For power, the directional gain G_{ANT} is set equal to the antenna having the highest gain, i.e.,

Directional gain = $G_{ANT\ MAX}(Ant.1\ Gain, Ant.2\ Gain, \dots) + \text{Array Gain}$, as following table for Power, where Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

For PSD, the directional gain calculation is following,

Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_n/20})^2 / N_{ANT}]$ dBi, as following table for PSD.

N_{ANT} = number of transmit antennas

N_{SS} = number of spatial streams. (The worst case directional gain will occur when $N_{SS} = 1$)

<CDD Modes>				
			DG for Power (dBi)	DG for PSD (dBi)
	Ant. 9 (dBi)	Ant. 8 (dBi)		
U-NII-5	-1.40	-0.40	-0.40	2.12
U-NII-6	-7.20	-1.00	-1.00	-0.55
U-NII-7	-8.30	-2.00	-2.00	-1.58
U-NII-8	-7.90	-3.40	-3.40	-2.35



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 02, 2025	Oct. 16, 2025~ Nov. 19, 2025	Apr. 01, 2026	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 25, 2024	Oct. 16, 2025~ Nov. 19, 2025	Dec. 24, 2025	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Oct. 13, 2025	Oct. 16, 2025~ Nov. 19, 2025	Oct. 12, 2026	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 02, 2025	Oct. 16, 2025~ Nov. 19, 2025	Jul. 01, 2026	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 25, 2024	Oct. 28, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2025	Oct. 28, 2025	Jul. 02, 2026	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 28, 2024	Oct. 28, 2025	Dec. 27, 2025	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Oct. 24, 2025	Oct. 28, 2025	Oct. 23, 2027	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2025	Oct. 28, 2025	Jul. 03, 2026	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz-40GHz	Apr. 03, 2025	Oct. 28, 2025	Apr. 02, 2027	Radiation (03CH01-SZ)
LF Amplifier	EM Electronics	EM330	060788	20MHz-3GHz	Dec. 25, 2024	Oct. 28, 2025	Dec. 24, 2025	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 14, 2025	Oct. 28, 2025	Oct. 13, 2026	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 14, 2025	Oct. 28, 2025	Oct. 13, 2026	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2025	Oct. 28, 2025	Jul. 02, 2026	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	Oct. 14, 2025	Oct. 28, 2025	Oct. 13, 2026	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Oct. 28, 2025	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Oct. 28, 2025	NCR	Radiation (03CH01-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 02, 2025	Nov. 10, 2025	Jul. 01, 2026	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 03, 2025	Nov. 10, 2025	Jul. 02, 2026	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Dec. 25, 2024	Nov. 10, 2025	Dec. 24, 2025	Conduction (CO02-SZ)

NCR: No Calibration Required



5 Measurement Uncertainty

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Spurious Emission & Bandedge	± 1.34 dB
Occupied Channel Bandwidth	± 0.012 MHz
Conducted Power	± 1.34 dB
Conducted Power Spectral Density	± 1.32 dB
Frequency	± 1.3 Hz
Conducted Generated signal Levels	± 0.62 dB
Conducted Time	0.38%

Uncertainty of AC Conducted Emission Measurement (0.15 MHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.5 dB
--	--------

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	2.8dB
--	-------

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.2dB
--	-------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.0dB
--	-------

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.3dB
--	-------

----- THE END -----



Appendix A. Conducted Test Results

A1. Conducted Test Results

Test Engineer:	Chen ZhiQiang	Temperature:	21~25	°C
Test Date:	2025/10/13	Relative Humidity:	51~54	%

TEST RESULTS DATA
EIRP Power Table

Band V MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
11a	6Mbps	2	1	5955	Full	0.04	0.04	-5.96	-6.64	-3.27	-0.40		-3.67	14.00	Pass	-7	
11a	6Mbps	2	45	6175	Full	0.04	0.04	-5.74	-6.77	-3.21	-0.40		-3.61	14.00	Pass	-7	
11a	6Mbps	2	93	6415	Full	0.04	0.04	-5.95	-6.56	-3.23	-0.40		-3.63	14.00	Pass	-7	
AX20	MCS0	2	1	5955	Full	0.02	0.01	-6.14	-6.87	-3.48	-0.40		-3.88	14.00	Pass	-6.5	
AX20	MCS0	2	1	5955	26/0	0.02	0.01	-7.31	-7.79	-4.54	-0.40		-4.94	14.00	Pass	-8	
AX20	MCS0	2	1	5955	52/37	0.02	0.01	-6.90	-7.38	-4.13	-0.40		-4.53	14.00	Pass	-8	
AX20	MCS0	2	1	5955	106/53	0.02	0.01	-6.66	-7.20	-3.91	-0.40		-4.31	14.00	Pass	-8	
AX20	MCS0	2	45	6175	Full	0.02	0.01	-5.96	-6.95	-3.42	-0.40		-3.82	14.00	Pass	-6.5	
AX20	MCS0	2	93	6415	Full	0.02	0.01	-6.25	-6.80	-3.51	-0.40		-3.91	14.00	Pass	-6.5	
AX40	MCS0	2	3	5965	Full	0.02	0.02	-4.30	-4.74	-1.51	-0.40		-1.91	14.00	Pass	-5	
AX40	MCS0	2	43	6165	Full	0.02	0.02	-4.54	-4.98	-1.75	-0.40		-2.15	14.00	Pass	-5	
AX40	MCS0	2	91	6405	Full	0.02	0.02	-4.70	-4.96	-1.82	-0.40		-2.22	14.00	Pass	-5	
AX80	MCS0	2	7	5985	Full	0.01	0.02	1.43	1.08	4.27	-0.40		3.87	14.00	Pass	1	
AX80	MCS0	2	39	6145	Full	0.01	0.02	1.71	1.04	4.40	-0.40		4.00	14.00	Pass	1	
AX80	MCS0	2	87	6385	Full	0.01	0.02	1.39	1.40	4.40	-0.40		4.00	14.00	Pass	1	
AX160	MCS0	2	15	6025	Full	0.01	0.01	3.82	3.84	6.84	-0.40		6.44	14.00	Pass	3.5	
AX160	MCS0	2	47	6185	Full	0.01	0.01	4.08	3.91	7.00	-0.40		6.60	14.00	Pass	3.5	
AX160	MCS0	2	79	6345	Full	0.01	0.01	3.64	3.67	6.66	-0.40		6.26	14.00	Pass	3.5	

TEST RESULTS DATA
EIRP Power Table

Band VI MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM		
11a	6Mbps	2	97	6435	Full	0.04	0.04	-5.79	-6.46	-3.10	-1.00		-4.10	14.00	Pass
11a	6Mbps	2	105	6475	Full	0.04	0.04	-5.70	-6.26	-2.96	-1.00		-3.96	14.00	Pass
11a	6Mbps	2	113	6515	Full	0.04	0.04	-5.94	-6.17	-3.04	-1.00		-4.04	14.00	Pass
AX20	MCS0	2	97	6435	Full	0.02	0.01	-6.08	-6.79	-3.41	-1.00		-4.41	14.00	Pass
AX20	MCS0	2	97	6435	26/0	0.02	0.01	-6.72	-7.51	-4.09	-1.00		-5.09	14.00	Pass
AX20	MCS0	2	97	6435	52/37	0.02	0.01	-6.37	-7.15	-3.74	-1.00		-4.74	14.00	Pass
AX20	MCS0	2	97	6435	106/53	0.02	0.01	-6.45	-7.00	-3.71	-1.00		-4.71	14.00	Pass
AX20	MCS0	2	105	6475	Full	0.02	0.01	-6.55	-6.92	-3.72	-1.00		-4.72	14.00	Pass
AX20	MCS0	2	113	6515	Full	0.02	0.01	-6.68	-6.97	-3.82	-1.00		-4.82	14.00	Pass
AX40	MCS0	2	99	6445	Full	0.02	0.02	-4.30	-4.51	-1.40	-1.00		-2.40	14.00	Pass
AX40	MCS0	2	107	6485	Full	0.02	0.02	-4.21	-4.27	-1.23	-1.00		-2.23	14.00	Pass
AX80	MCS0	2	103	6465	Full	0.01	0.02	1.93	1.88	4.91	-1.00		3.91	14.00	Pass

Power Setting	
Ant9	Ant 8
-7	
-7	
-7	
-6.5	
-8	
-8	
-8	
-7	
-7	
-5	
-5	
1	

Band VI straddle channel MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM		
AX40	MCS0	2	115	6525	Full	0.02	0.02	-4.40	-4.27	-1.33	-1.00	-2.33	14.00	Pass	
AX80	MCS0	2	119	6545	Full	0.01	0.02	1.42	2.11	4.79	-1.00	3.79	14.00	Pass	
AX160	MCS0	2	111	6505	Full	0.01	0.01	3.61	3.88	6.76	-1.00	5.76	14.00	Pass	

Power Setting	
Ant9	Ant 8
-5	
1	
3.5	

TEST RESULTS DATA
EIRP Power Table

Band VII MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
11a	6Mbps	2	117	6535	Full	0.04	0.04	-6.03	-6.19	-3.10	-2.00		-5.10	14.00	Pass	-7	
11a	6Mbps	2	149	6695	Full	0.04	0.04	-6.88	-6.33	-3.58	-2.00		-5.58	14.00	Pass	-7	
11a	6Mbps	2	181	6855	Full	0.04	0.04	-6.92	-6.72	-3.81	-2.00		-5.81	14.00	Pass	-7	
AX20	MCS0	2	117	6535	Full	0.02	0.01	-6.82	-6.98	-3.89	-2.00		-5.89	14.00	Pass	-7	
AX20	MCS0	2	117	6535	26/0	0.02	0.01	-6.93	-7.19	-4.05	-2.00		-6.05	14.00	Pass	-8	
AX20	MCS0	2	117	6535	52/37	0.02	0.01	-6.86	-7.04	-3.94	-2.00		-5.94	14.00	Pass	-8	
AX20	MCS0	2	117	6535	106/53	0.02	0.01	-6.84	-7.02	-3.92	-2.00		-5.92	14.00	Pass	-8	
AX20	MCS0	2	149	6695	Full	0.02	0.01	-6.66	-6.24	-3.44	-2.00		-5.44	14.00	Pass	-6	
AX20	MCS0	2	181	6855	Full	0.02	0.01	-6.98	-6.48	-3.72	-2.00		-5.72	14.00	Pass	-6	
AX40	MCS0	2	123	6565	Full	0.02	0.02	-4.88	-4.34	-1.60	-2.00		-3.60	14.00	Pass	-5	
AX40	MCS0	2	147	6685	Full	0.02	0.02	-4.97	-4.50	-1.72	-2.00		-3.72	14.00	Pass	-5	
AX40	MCS0	2	179	6845	Full	0.02	0.02	-4.97	-4.87	-1.91	-2.00		-3.91	14.00	Pass	-5	
AX80	MCS0	2	135	6625	Full	0.01	0.02	1.04	2.07	4.59	-2.00		2.59	14.00	Pass	1	
AX80	MCS0	2	151	6705	Full	0.01	0.02	1.10	2.73	5.00	-2.00		3.00	14.00	Pass	1.5	
AX80	MCS0	2	167	6785	Full	0.01	0.02	1.09	1.74	4.43	-2.00		2.43	14.00	Pass	1	
AX160	MCS0	2	143	6665	Full	0.01	0.01	3.53	3.70	6.62	-2.00		4.62	14.00	Pass	3.5	

Band VII straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
11a	6Mbps	2	185	6875	Full	0.04	0.04	-6.81	-6.09	-3.42	-2.00	-5.42	14.00	Pass		-6.5	
AX20	MCS0	2	185	6875	Full	0.02	0.01	-6.99	-6.35	-3.65	-2.00	-5.65	14.00	Pass		-6	
AX40	MCS0	2	187	6885	Full	0.02	0.02	-4.76	-3.61	-1.14	-2.00	-3.14	14.00	Pass		-4	
AX80	MCS0	2	183	6865	Full	0.01	0.02	1.07	1.61	4.36	-2.00	2.36	14.00	Pass		1	
AX160	MCS0	2	175	6825	Full	0.01	0.01	3.55	3.54	6.55	-2.00	4.55	14.00	Pass		3.5	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM		
11a	6Mbps	2	189	6895	Full	0.04	0.04	-6.47	-6.80	-3.62	-3.40	-7.02	14.00	Pass	
11a	6Mbps	2	209	6995	Full	0.04	0.04	-6.70	-5.96	-3.30	-3.40	-6.70	14.00	Pass	
11a	6Mbps	2	229	7095	Full	0.04	0.04	-6.93	-6.65	-3.78	-3.40	-7.18	14.00	Pass	
AX20	MCS0	2	189	6895	Full	0.02	0.01	-6.70	-6.96	-3.82	-3.40	-7.22	14.00	Pass	
AX20	MCS0	2	209	6995	Full	0.02	0.01	-6.96	-6.20	-3.56	-3.40	-6.96	14.00	Pass	
AX20	MCS0	2	229	7095	Full	0.02	0.01	-6.74	-6.52	-3.62	-3.40	-7.02	14.00	Pass	
AX20	MCS0	2	229	7095	26/8	0.02	0.01	-7.89	-7.92	-4.90	-3.40	-8.30	14.00	Pass	
AX20	MCS0	2	229	7095	52/40	0.02	0.01	-7.90	-7.82	-4.85	-3.40	-8.25	14.00	Pass	
AX20	MCS0	2	229	7095	106/54	0.02	0.01	-7.80	-7.43	-4.60	-3.40	-8.00	14.00	Pass	
AX40	MCS0	2	195	6925	Full	0.02	0.02	-4.95	-4.65	-1.79	-3.40	-5.19	14.00	Pass	
AX40	MCS0	2	203	6965	Full	0.02	0.02	-4.96	-4.71	-1.83	-3.40	-5.23	14.00	Pass	
AX40	MCS0	2	227	7085	Full	0.02	0.02	-4.94	-4.88	-1.90	-3.40	-5.30	14.00	Pass	
AX80	MCS0	2	199	6945	Full	0.01	0.02	1.22	1.84	4.55	-3.40	1.15	14.00	Pass	
AX80	MCS0	2	215	7025	Full	0.01	0.02	1.21	1.12	4.17	-3.40	0.77	14.00	Pass	
AX160	MCS0	2	207	6985	Full	0.01	0.01	3.61	3.59	6.61	-3.40	3.21	14.00	Pass	

Power Setting	
Ant9	Ant 8
-7	
-6	
-6	
-6.5	
-5.5	
-5	
-7	
-7	
-5	
-5	
-4	
1.5	
1	
3.5	

TEST RESULTS DATA
EIRP Power Table

Band V MIMO															Power Setting		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)			Pass /Fail
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM				
BE20	MCS0	2	1	5955	Full	0.02	0.02	-6.07	-6.79	-3.41	-0.40		-3.81	14.00	Pass	-6.5	
BE20	MCS0	2	1	5955	26/0	0.02	0.02	-7.23	-7.70	-4.45	-0.40		-4.85	14.00	Pass	-8	
BE20	MCS0	2	1	5955	52/37	0.02	0.02	-6.82	-7.29	-4.04	-0.40		-4.44	14.00	Pass	-8	
BE20	MCS0	2	1	5955	106/53	0.02	0.02	-6.58	-7.11	-3.83	-0.40		-4.23	14.00	Pass	-8	
BE20	MCS0	2	45	6175	Full	0.02	0.02	-5.89	-6.94	-3.38	-0.40		-3.78	14.00	Pass	-6.5	
BE20	MCS0	2	93	6415	Full	0.02	0.02	-6.18	-6.72	-3.44	-0.40		-3.84	14.00	Pass	-6.5	
BE40	MCS0	2	3	5965	Full	0.02	0.02	-4.22	-4.66	-1.43	-0.40		-1.83	14.00	Pass	-5	
BE40	MCS0	2	43	6165	Full	0.02	0.02	-4.46	-4.96	-1.70	-0.40		-2.10	14.00	Pass	-5	
BE40	MCS0	2	91	6405	Full	0.02	0.02	-4.62	-4.94	-1.77	-0.40		-2.17	14.00	Pass	-5	
BE80	MCS0	2	7	5985	Full	0.02	0.02	1.49	1.13	4.32	-0.40		3.92	14.00	Pass	1	
BE80	MCS0	2	39	6145	Full	0.02	0.02	1.77	1.09	4.45	-0.40		4.05	14.00	Pass	1	
BE80	MCS0	2	87	6385	Full	0.02	0.02	1.45	1.45	4.46	-0.40		4.06	14.00	Pass	1	
BE160	MCS0	2	15	6025	Full	0.02	0.02	3.89	3.91	6.91	-0.40		6.51	14.00	Pass	3.5	
BE160	MCS0	2	47	6185	Full	0.02	0.02	4.15	3.98	7.07	-0.40		6.67	14.00	Pass	3.5	
BE160	MCS0	2	79	6345	Full	0.02	0.02	3.71	3.74	6.73	-0.40		6.33	14.00	Pass	3.5	
BE320	MCS0	2	31	6105	Full	0.02	0.02	7.92	8.24	11.09	-0.40		10.69	14.00	Pass	6.5	
BE320	MCS0	2	63	6265	Full	0.02	0.02	7.53	8.27	10.92	-0.40		10.52	14.00	Pass	6.5	

Band V straddle channel MIMO															Power Setting		
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)			Pass /Fail
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM				
BE320	MCS0	2	95	6425	Full	0.02	0.02	7.46	8.06	10.78	-0.40		10.38	14.00	Pass	6.5	

TEST RESULTS DATA
EIRP Power Table

Band VI MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
BE20	MCS0	2	97	6435	Full	0.02	0.02	-6.01	-6.71	-3.34	-1.00		-4.34	14.00	Pass	Ant9	Ant 8
BE20	MCS0	2	97	6435	26/0	0.02	0.02	-6.64	-7.42	-4.01	-1.00		-5.01	14.00	Pass	-6.5	-8
BE20	MCS0	2	97	6435	52/37	0.02	0.02	-6.29	-7.06	-3.65	-1.00		-4.65	14.00	Pass	-8	-8
BE20	MCS0	2	97	6435	106/53	0.02	0.02	-6.37	-6.91	-3.63	-1.00		-4.63	14.00	Pass	-8	-7
BE20	MCS0	2	105	6475	Full	0.02	0.02	-6.48	-6.84	-3.65	-1.00		-4.65	14.00	Pass	-7	-7
BE20	MCS0	2	113	6515	Full	0.02	0.02	-6.61	-6.93	-3.76	-1.00		-4.76	14.00	Pass	-5	-5
BE40	MCS0	2	99	6445	Full	0.02	0.02	-4.22	-4.43	-1.32	-1.00		-2.32	14.00	Pass	1	
BE40	MCS0	2	107	6485	Full	0.02	0.02	-4.13	-4.19	-1.15	-1.00		-2.15	14.00	Pass		
BE80	MCS0	2	103	6465	Full	0.02	0.02	1.99	1.93	4.97	-1.00		3.97	14.00	Pass		

Band VI straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
BE40	MCS0	2	115	6525	Full	0.02	0.02	-4.32	-4.19	-1.25	-1.00		-2.25	14.00	Pass		-5
BE80	MCS0	2	119	6545	Full	0.02	0.02	1.48	2.16	4.84	-1.00		3.84	14.00	Pass		1
BE160	MCS0	2	111	6505	Full	0.02	0.02	3.68	3.95	6.82	-1.00		5.82	14.00	Pass		3.5
BE320	MCS0	2	127	6585	Full	0.02	0.02	7.32	8.03	10.70	-1.00		9.70	14.00	Pass		6.5

TEST RESULTS DATA
EIRP Power Table

Band VII MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
BE20	MCS0	2	117	6535	Full	0.02	0.02	-6.75	-6.90	-3.82	-2.00		-5.82	14.00	Pass	-7	
BE20	MCS0	2	117	6535	26/0	0.02	0.02	-6.85	-7.10	-3.97	-2.00		-5.97	14.00	Pass	-8	
BE20	MCS0	2	117	6535	52/37	0.02	0.02	-6.78	-6.95	-3.86	-2.00		-5.86	14.00	Pass	-8	
BE20	MCS0	2	117	6535	106/53	0.02	0.02	-6.76	-6.93	-3.84	-2.00		-5.84	14.00	Pass	-8	
BE20	MCS0	2	149	6695	Full	0.02	0.02	-6.59	-6.16	-3.36	-2.00		-5.36	14.00	Pass	-6	
BE20	MCS0	2	181	6855	Full	0.02	0.02	-6.91	-6.40	-3.64	-2.00		-5.64	14.00	Pass	-6	
BE40	MCS0	2	123	6565	Full	0.02	0.02	-4.80	-4.26	-1.52	-2.00		-3.52	14.00	Pass	-5	
BE40	MCS0	2	147	6685	Full	0.02	0.02	-4.89	-4.42	-1.64	-2.00		-3.64	14.00	Pass	-5	
BE40	MCS0	2	179	6845	Full	0.02	0.02	-4.95	-4.79	-1.86	-2.00		-3.86	14.00	Pass	-5	
BE80	MCS0	2	135	6625	Full	0.02	0.02	1.10	2.12	4.65	-2.00		2.65	14.00	Pass	1	
BE80	MCS0	2	151	6705	Full	0.02	0.02	1.16	2.78	5.05	-2.00		3.05	14.00	Pass	1.5	
BE80	MCS0	2	167	6785	Full	0.02	0.02	1.15	1.79	4.49	-2.00		2.49	14.00	Pass	1	
BE160	MCS0	2	143	6665	Full	0.02	0.02	3.60	3.77	6.69	-2.00		4.69	14.00	Pass	3.5	

Band VII straddle channel MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
BE20	MCS0	2	185	6875	Full	0.02	0.02	-6.92	-6.27	-3.58	-2.00		-5.58	14.00	Pass	-6	
BE40	MCS0	2	187	6885	Full	0.02	0.02	-4.68	-3.53	-1.06	-2.00		-3.06	14.00	Pass	-4	
BE80	MCS0	2	183	6865	Full	0.02	0.02	1.13	1.66	4.41	-2.00		2.41	14.00	Pass	1	
BE160	MCS0	2	175	6825	Full	0.02	0.02	3.62	3.61	6.62	-2.00		4.62	14.00	Pass	3.5	
BE320	MCS0	2	159	6745	Full	0.02	0.02	7.54	7.81	10.68	-2.00		8.68	14.00	Pass	6.5	
BE320	MCS0	2	191	6905	Full	0.02	0.02	7.23	8.17	10.73	-2.00		8.73	14.00	Pass	6.5	

TEST RESULTS DATA
EIRP Power Table

Band VIII MIMO																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Conducted Power with duty factor (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant9	Ant 8	Ant9	Ant 8	SUM	Ant9	Ant 8	SUM			Ant9	Ant 8
BE20	MCS0	2	189	6895	Full	0.02	0.02	-6.63	-6.92	-3.77	-3.40	-7.17	14.00	Pass		Ant9	Ant 8
BE20	MCS0	2	209	6995	Full	0.02	0.02	-6.89	-6.12	-3.48	-3.40	-6.88	14.00	Pass		-6.5	-5.5
BE20	MCS0	2	229	7095	Full	0.02	0.02	-6.67	-6.44	-3.55	-3.40	-6.95	14.00	Pass		-5	-5
BE20	MCS0	2	229	7095	26/8	0.02	0.02	-7.81	-7.83	-4.81	-3.40	-8.21	14.00	Pass		-7	-7
BE20	MCS0	2	229	7095	52/40	0.02	0.02	-7.82	-7.73	-4.77	-3.40	-8.17	14.00	Pass		-7	-7
BE20	MCS0	2	229	7095	106/54	0.02	0.02	-7.72	-7.34	-4.52	-3.40	-7.92	14.00	Pass		-7	-7
BE40	MCS0	2	195	6925	Full	0.02	0.02	-4.91	-4.57	-1.73	-3.40	-5.13	14.00	Pass		-5	-5
BE40	MCS0	2	203	6965	Full	0.02	0.02	-4.93	-4.63	-1.77	-3.40	-5.17	14.00	Pass		-5	-5
BE40	MCS0	2	227	7085	Full	0.02	0.02	-4.90	-4.80	-1.84	-3.40	-5.24	14.00	Pass		-4	-4
BE80	MCS0	2	199	6945	Full	0.02	0.02	1.28	1.89	4.60	-3.40	1.20	14.00	Pass		1.5	1.5
BE80	MCS0	2	215	7025	Full	0.02	0.02	1.27	1.17	4.23	-3.40	0.83	14.00	Pass		1	1
BE160	MCS0	2	207	6985	Full	0.02	0.02	3.68	3.66	6.68	-3.40	3.28	14.00	Pass		3.5	3.5



Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant9	5955	22.92	5943.51	5966.43	≤320	PASS
	Ant8	5955	22.34	5943.90	5966.24	≤320	PASS
	Ant9	6175	23.64	6162.91	6186.55	≤320	PASS
	Ant8	6175	22.83	6163.55	6186.38	≤320	PASS
	Ant9	6415	22.84	6403.36	6426.20	≤320	PASS
	Ant8	6415	22.71	6403.61	6426.32	≤320	PASS
	Ant9	6435	23.27	6423.25	6446.52	≤320	PASS
	Ant8	6435	23.26	6423.50	6446.76	≤320	PASS
	Ant9	6475	23.15	6463.16	6486.31	≤320	PASS
	Ant8	6475	22.65	6463.65	6486.30	≤320	PASS
	Ant9	6515	22.51	6503.70	6526.21	≤320	PASS
	Ant8	6515	23.16	6503.50	6526.66	≤320	PASS
	Ant9	6535	22.97	6523.28	6546.25	≤320	PASS
	Ant8	6535	22.82	6523.56	6546.38	≤320	PASS
	Ant9	6695	22.58	6683.60	6706.18	≤320	PASS
	Ant8	6695	23.35	6683.51	6706.86	≤320	PASS
	Ant9	6855	22.83	6843.33	6866.16	≤320	PASS
	Ant8	6855	22.55	6843.55	6866.10	≤320	PASS
	Ant9	6875	23.05	6863.25	6886.30	≤320	PASS
	Ant8	6875	23.08	6863.38	6886.46	≤320	PASS
	Ant9	6895	23.02	6883.27	6906.29	≤320	PASS
	Ant8	6895	23.22	6883.60	6906.82	≤320	PASS
	Ant9	6995	22.14	6983.93	7006.07	≤320	PASS
	Ant8	6995	22.31	6983.84	7006.15	≤320	PASS
	Ant9	7095	23.12	7083.26	7106.38	≤320	PASS
	Ant8	7095	22.00	7084.09	7106.09	≤320	PASS
11BE20MIMO	Ant9	5955	23.01	5943.85	5966.86	≤320	PASS
	Ant8	5955	22.65	5943.67	5966.32	≤320	PASS
	Ant9	6175	23.07	6163.32	6186.39	≤320	PASS
	Ant8	6175	22.78	6163.22	6186.00	≤320	PASS
	Ant9	6415	22.98	6403.45	6426.43	≤320	PASS
	Ant8	6415	22.61	6403.85	6426.46	≤320	PASS
	Ant9	6435	22.90	6423.60	6446.50	≤320	PASS



	Ant8	6435	23.70	6422.95	6446.65	≤320	PASS
	Ant9	6475	23.01	6463.35	6486.36	≤320	PASS
	Ant8	6475	23.37	6463.13	6486.50	≤320	PASS
	Ant9	6515	23.47	6503.16	6526.63	≤320	PASS
	Ant8	6515	23.70	6503.42	6527.12	≤320	PASS
	Ant9	6535	22.64	6523.62	6546.26	≤320	PASS
	Ant8	6535	23.05	6523.58	6546.63	≤320	PASS
	Ant9	6695	22.90	6683.36	6706.26	≤320	PASS
	Ant8	6695	22.93	6683.35	6706.28	≤320	PASS
	Ant9	6855	22.75	6843.51	6866.26	≤320	PASS
	Ant8	6855	22.60	6843.74	6866.34	≤320	PASS
	Ant9	6875	23.19	6863.14	6886.33	≤320	PASS
	Ant8	6875	23.27	6863.49	6886.76	≤320	PASS
	Ant9	6895	23.47	6883.44	6906.91	≤320	PASS
	Ant8	6895	23.54	6883.48	6907.02	≤320	PASS
	Ant9	6995	21.95	6983.63	7005.58	≤320	PASS
	Ant8	6995	22.73	6983.62	7006.35	≤320	PASS
	Ant9	7095	22.71	7083.81	7106.52	≤320	PASS
	Ant8	7095	21.45	7084.33	7105.78	≤320	PASS
11BE40MIMO	Ant9	5965	43.64	5942.98	5986.62	≤320	PASS
	Ant8	5965	43.76	5942.70	5986.46	≤320	PASS
	Ant9	6165	43.30	6143.22	6186.52	≤320	PASS
	Ant8	6165	43.82	6142.68	6186.50	≤320	PASS
	Ant9	6405	43.20	6383.86	6427.06	≤320	PASS
	Ant8	6405	42.60	6383.72	6426.32	≤320	PASS
	Ant9	6445	42.82	6423.86	6466.68	≤320	PASS
	Ant8	6445	43.24	6422.62	6465.86	≤320	PASS
	Ant9	6485	42.82	6463.58	6506.40	≤320	PASS
	Ant8	6485	42.50	6463.78	6506.28	≤320	PASS
	Ant9	6525	43.46	6503.18	6546.64	≤320	PASS
	Ant8	6525	44.44	6502.94	6547.38	≤320	PASS
	Ant9	6565	42.92	6543.60	6586.52	≤320	PASS
	Ant8	6565	43.92	6542.90	6586.82	≤320	PASS
	Ant9	6685	43.60	6663.04	6706.64	≤320	PASS
	Ant8	6685	42.18	6663.90	6706.08	≤320	PASS
	Ant9	6845	43.68	6822.82	6866.50	≤320	PASS
	Ant8	6845	44.08	6822.68	6866.76	≤320	PASS
	Ant9	6885	42.84	6863.86	6906.70	≤320	PASS
	Ant8	6885	43.76	6862.72	6906.48	≤320	PASS



	Ant9	6925	44.28	6902.72	6947.00	≤320	PASS
	Ant8	6925	43.86	6902.88	6946.74	≤320	PASS
	Ant9	6965	43.48	6943.24	6986.72	≤320	PASS
	Ant8	6965	44.10	6942.88	6986.98	≤320	PASS
	Ant9	7085	44.06	7063.06	7107.12	≤320	PASS
	Ant8	7085	44.20	7062.72	7106.92	≤320	PASS
11BE80MIMO	Ant9	5985	85.32	5942.24	6027.56	≤320	PASS
	Ant8	5985	86.56	5941.76	6028.32	≤320	PASS
	Ant9	6145	85.28	6102.36	6187.64	≤320	PASS
	Ant8	6145	84.32	6102.68	6187.00	≤320	PASS
	Ant9	6385	85.32	6342.36	6427.68	≤320	PASS
	Ant8	6385	85.68	6342.32	6428.00	≤320	PASS
	Ant9	6465	86.92	6422.20	6509.12	≤320	PASS
	Ant8	6465	86.72	6420.64	6507.36	≤320	PASS
	Ant9	6545	86.36	6501.72	6588.08	≤320	PASS
	Ant8	6545	86.56	6500.96	6587.52	≤320	PASS
	Ant9	6625	87.00	6582.04	6669.04	≤320	PASS
	Ant8	6625	86.80	6582.20	6669.00	≤320	PASS
	Ant9	6705	85.04	6661.28	6746.32	≤320	PASS
	Ant8	6705	84.92	6662.32	6747.24	≤320	PASS
	Ant9	6785	88.08	6740.60	6828.68	≤320	PASS
	Ant8	6785	84.08	6742.84	6826.92	≤320	PASS
	Ant9	6865	88.80	6820.40	6909.20	≤320	PASS
	Ant8	6865	90.24	6820.12	6910.36	≤320	PASS
	Ant9	6945	87.20	6900.80	6988.00	≤320	PASS
	Ant8	6945	89.00	6900.00	6989.00	≤320	PASS
	Ant9	7025	87.36	6981.40	7068.76	≤320	PASS
	Ant8	7025	87.20	6980.76	7067.96	≤320	PASS
11BE160MIMO	Ant9	6025	175.28	5937.48	6112.76	≤320	PASS
	Ant8	6025	176.72	5936.20	6112.92	≤320	PASS
	Ant9	6185	178.56	6095.88	6274.44	≤320	PASS
	Ant8	6185	179.12	6094.84	6273.96	≤320	PASS
	Ant9	6345	178.40	6255.16	6433.56	≤320	PASS
	Ant8	6345	176.00	6257.56	6433.56	≤320	PASS
	Ant9	6505	175.76	6417.32	6593.08	≤320	PASS
	Ant8	6505	177.44	6415.88	6593.32	≤320	PASS
	Ant9	6665	175.76	6576.84	6752.60	≤320	PASS
	Ant8	6665	174.56	6578.12	6752.68	≤320	PASS
	Ant9	6825	178.08	6734.92	6913.00	≤320	PASS



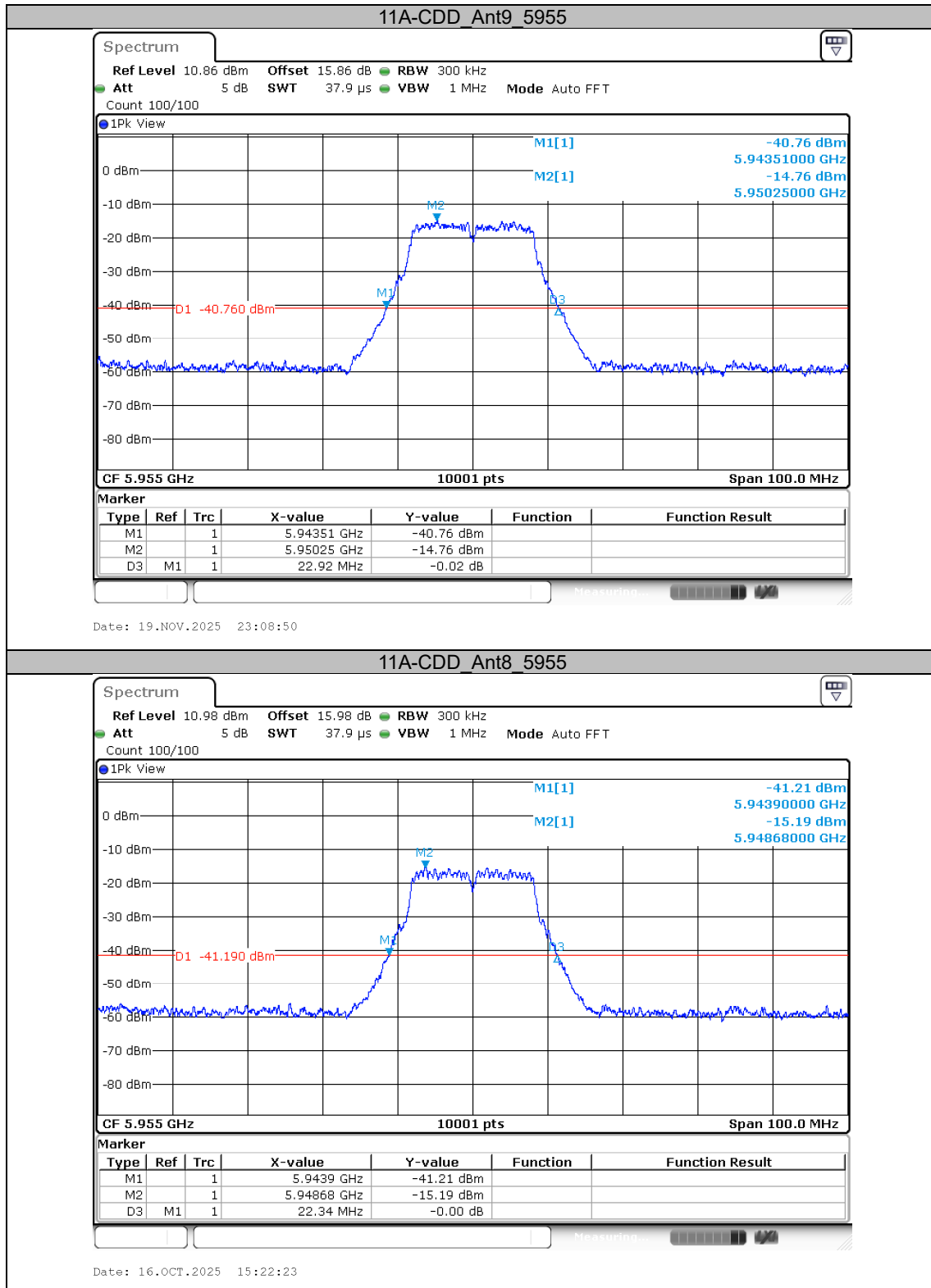
	Ant8	6825	178.16	6735.88	6914.04	≤320	PASS
	Ant9	6985	173.36	6896.76	7070.12	≤320	PASS
	Ant8	6985	173.76	6897.48	7071.24	≤320	PASS
11BE320MIMO	Ant9	6105	349.76	5930.60	6280.36	---	---
	Ant8	6105	348.48	5930.92	6279.40	---	---
	Ant9	6265	350.56	6089.64	6440.20	---	---
	Ant8	6265	346.40	6091.24	6437.64	---	---
	Ant9	6425	348.96	6249.64	6598.60	---	---
	Ant8	6425	348.48	6250.60	6599.08	---	---
	Ant9	6585	344.96	6411.56	6756.52	---	---
	Ant8	6585	348.48	6410.76	6759.24	---	---
	Ant9	6745	347.68	6570.76	6918.44	---	---
	Ant8	6745	347.52	6572.52	6920.04	---	---
	Ant9	6905	343.68	6731.24	7074.92	---	---
	Ant8	6905	345.76	6733.16	7078.92	---	---

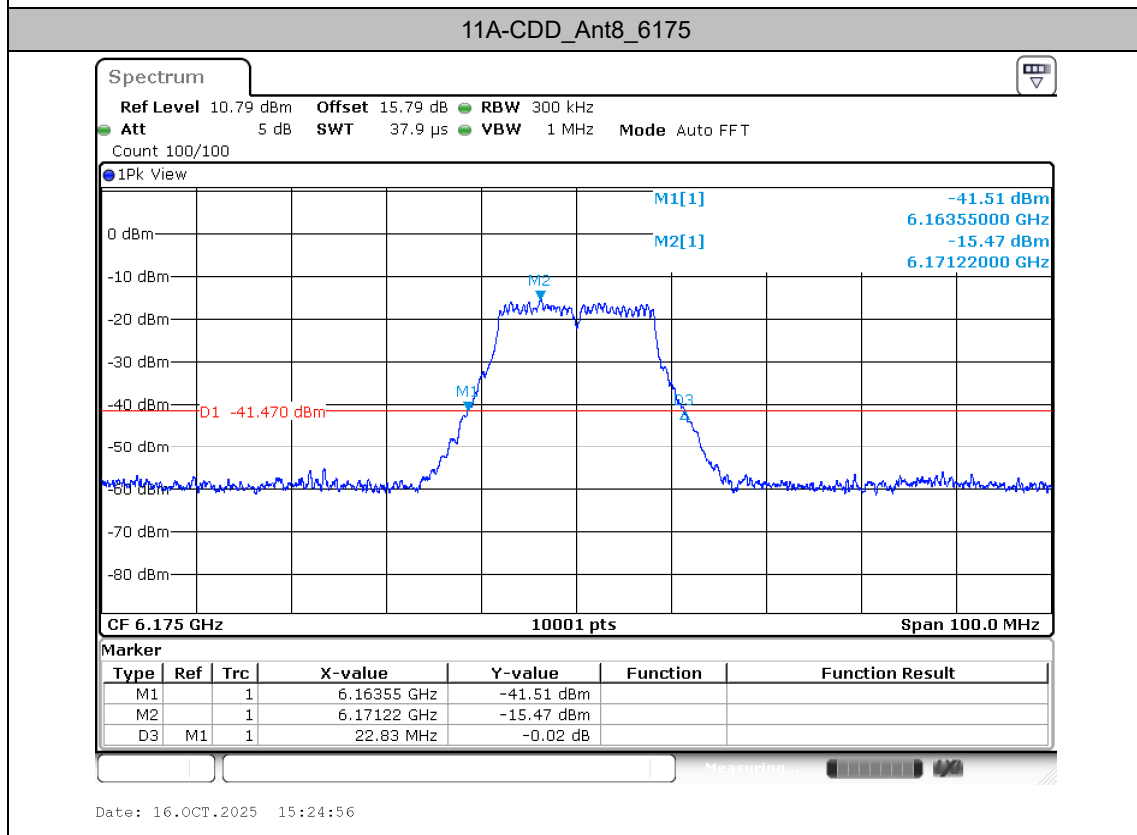
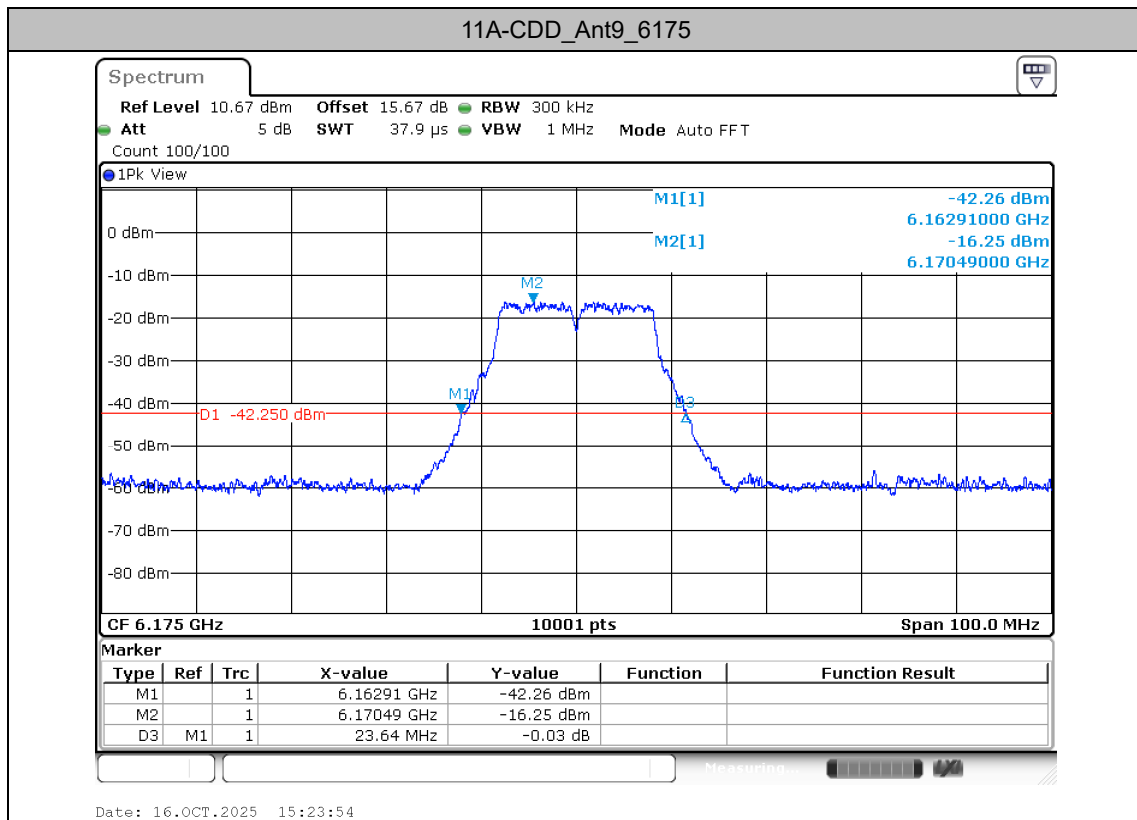
Note1: For channels with a nominal bandwidth of 320MHz, compliance is demonstrated by way of the 99%BW.

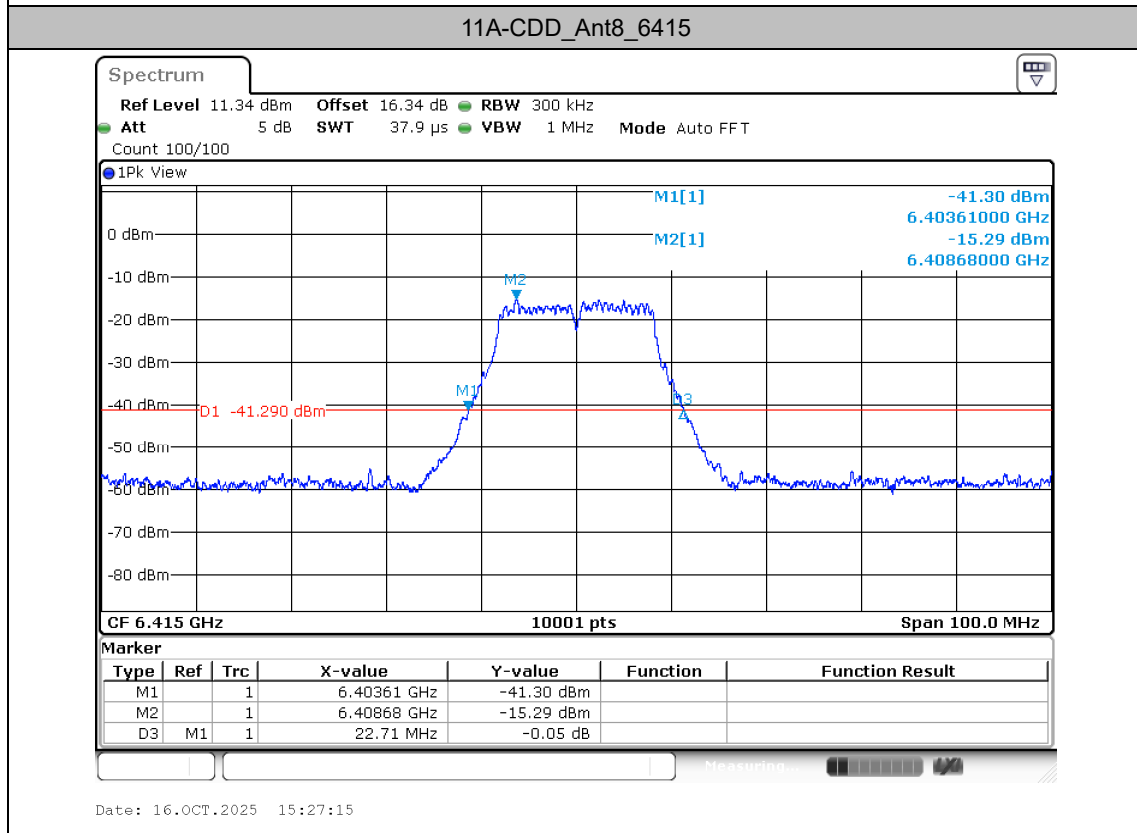
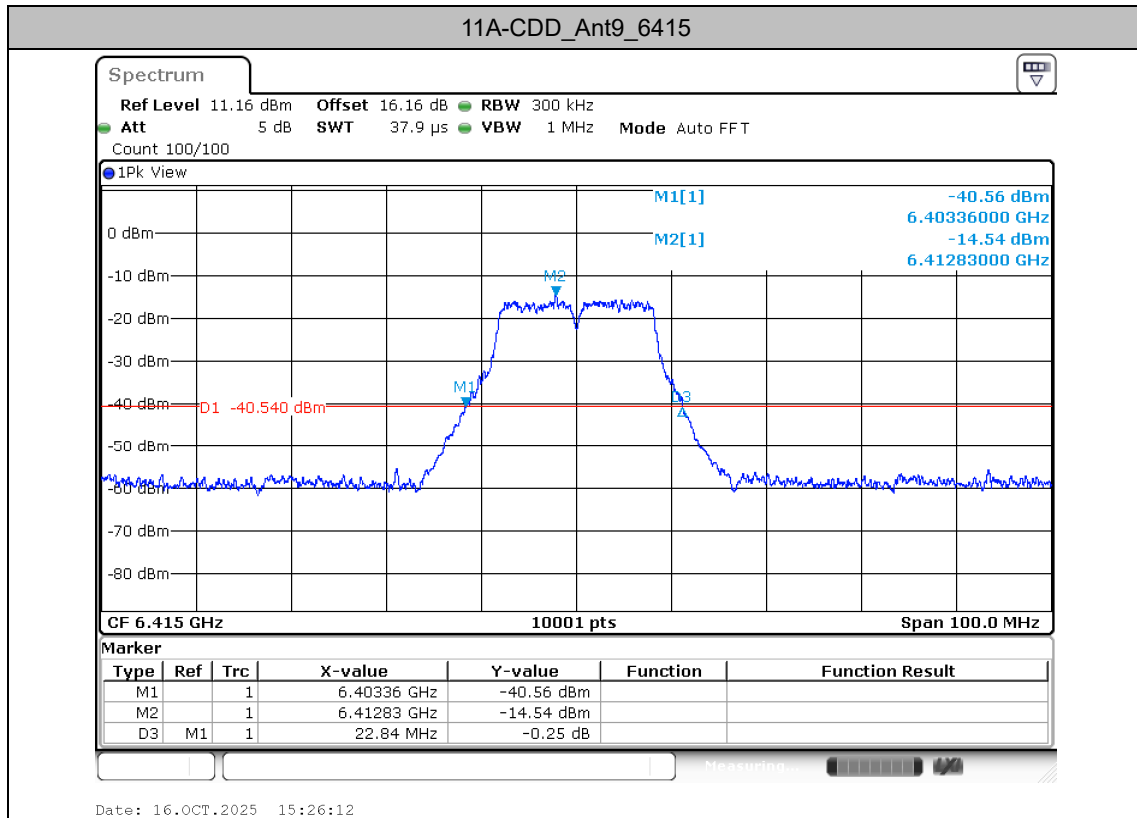
Note2: For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz), compliance is demonstrated by way of the 26dB EBW.

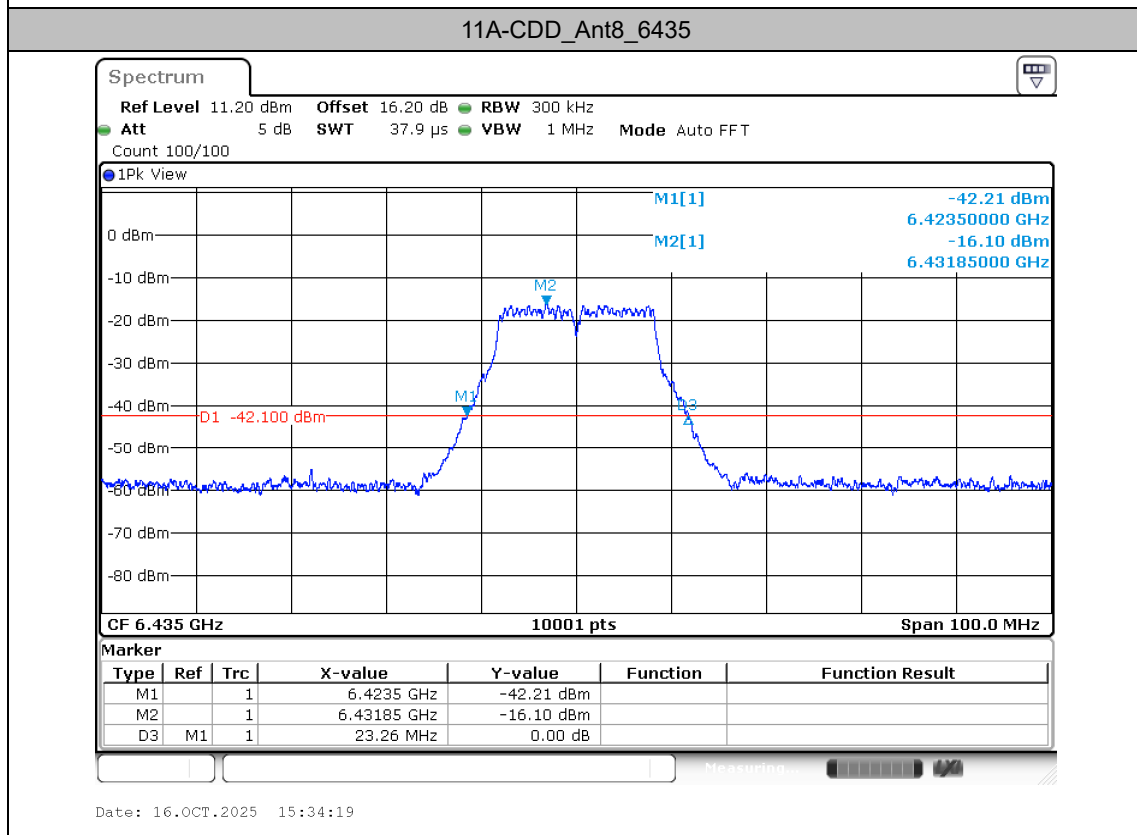
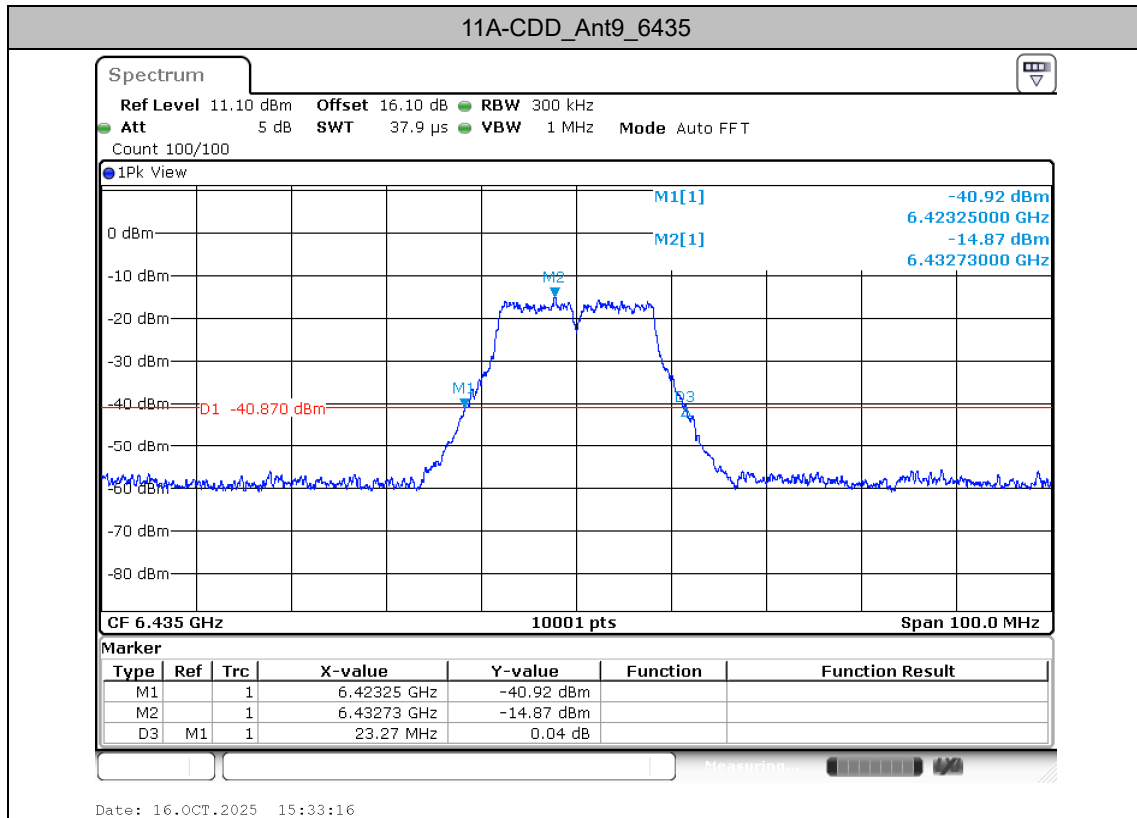


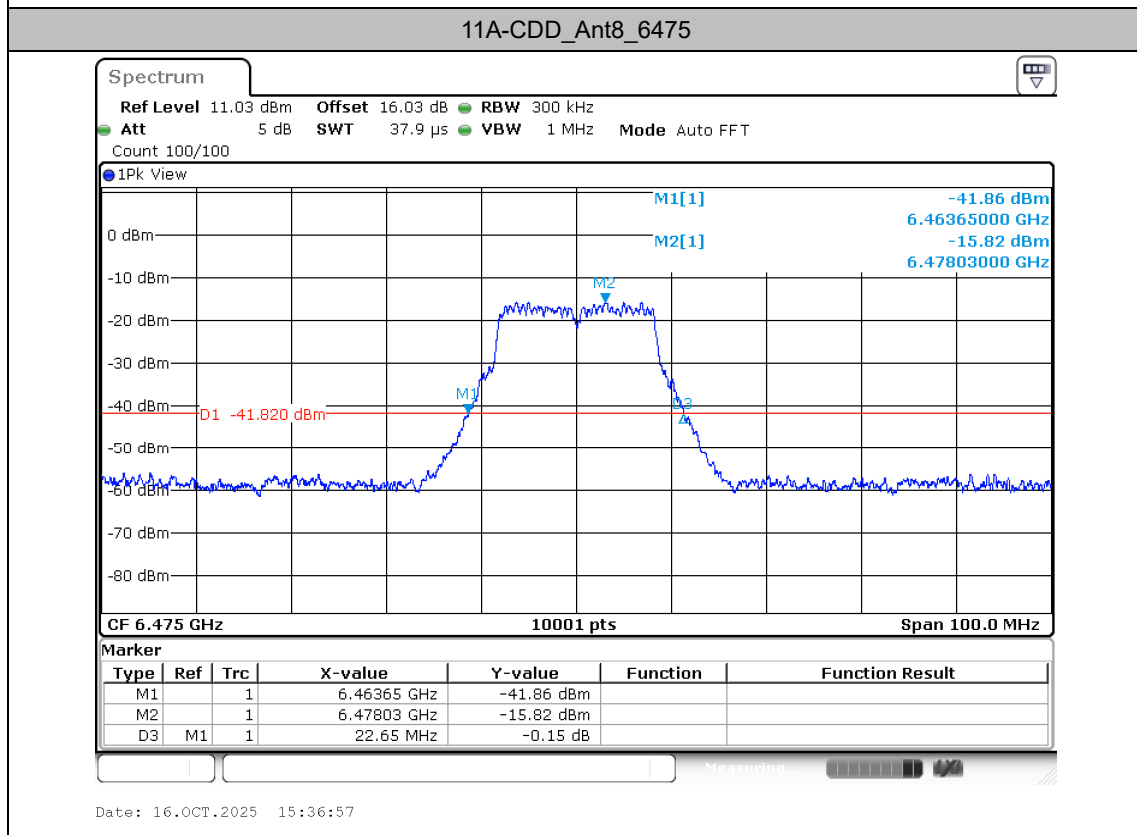
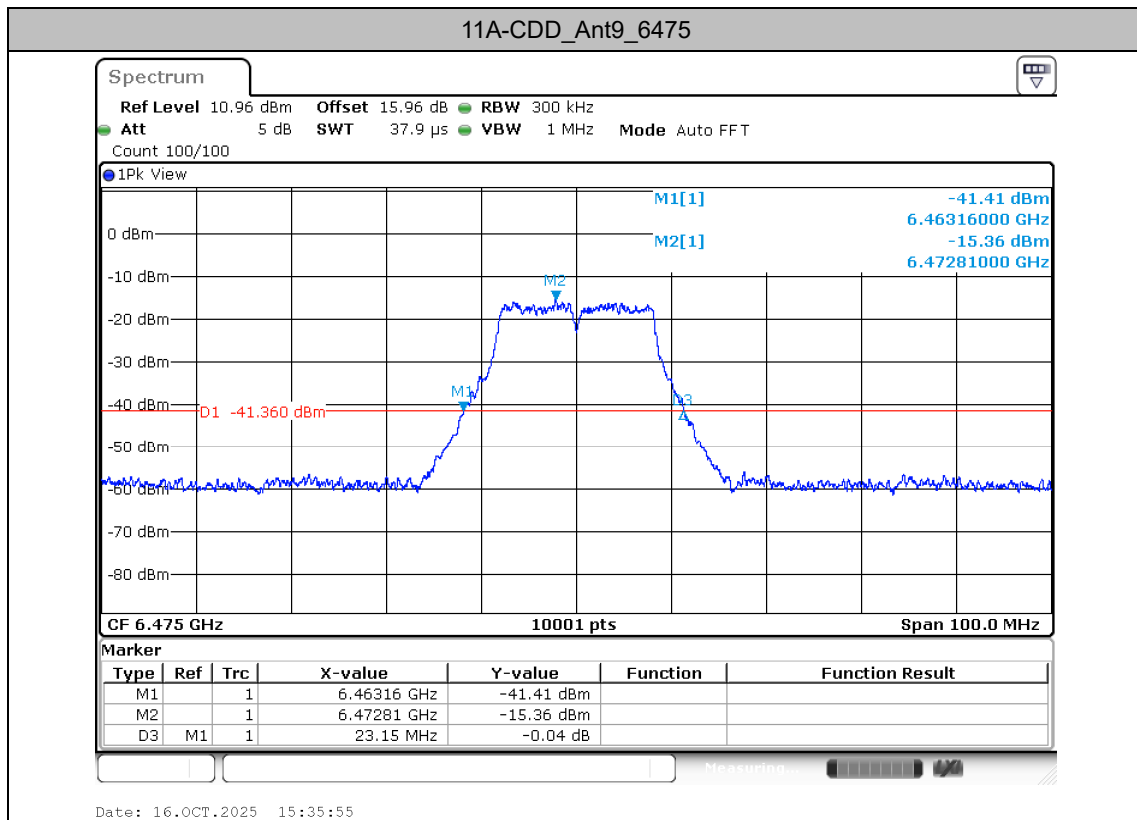
Test Graphs

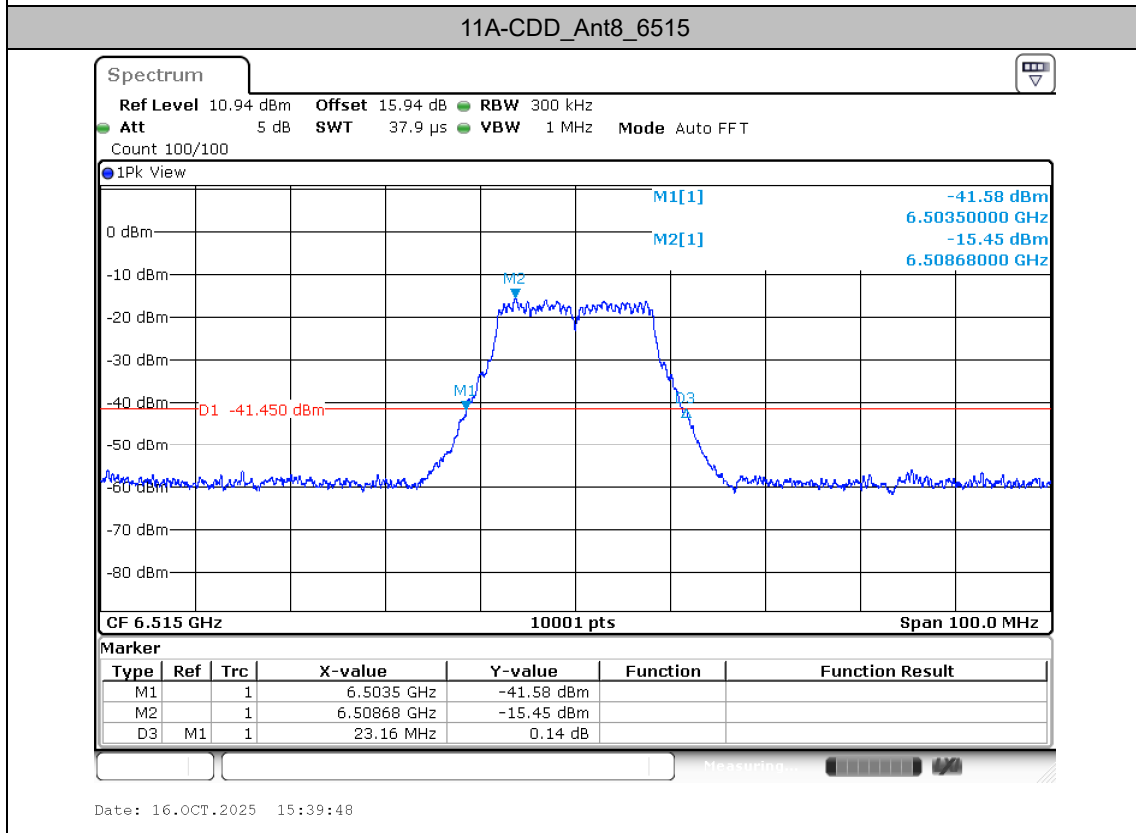
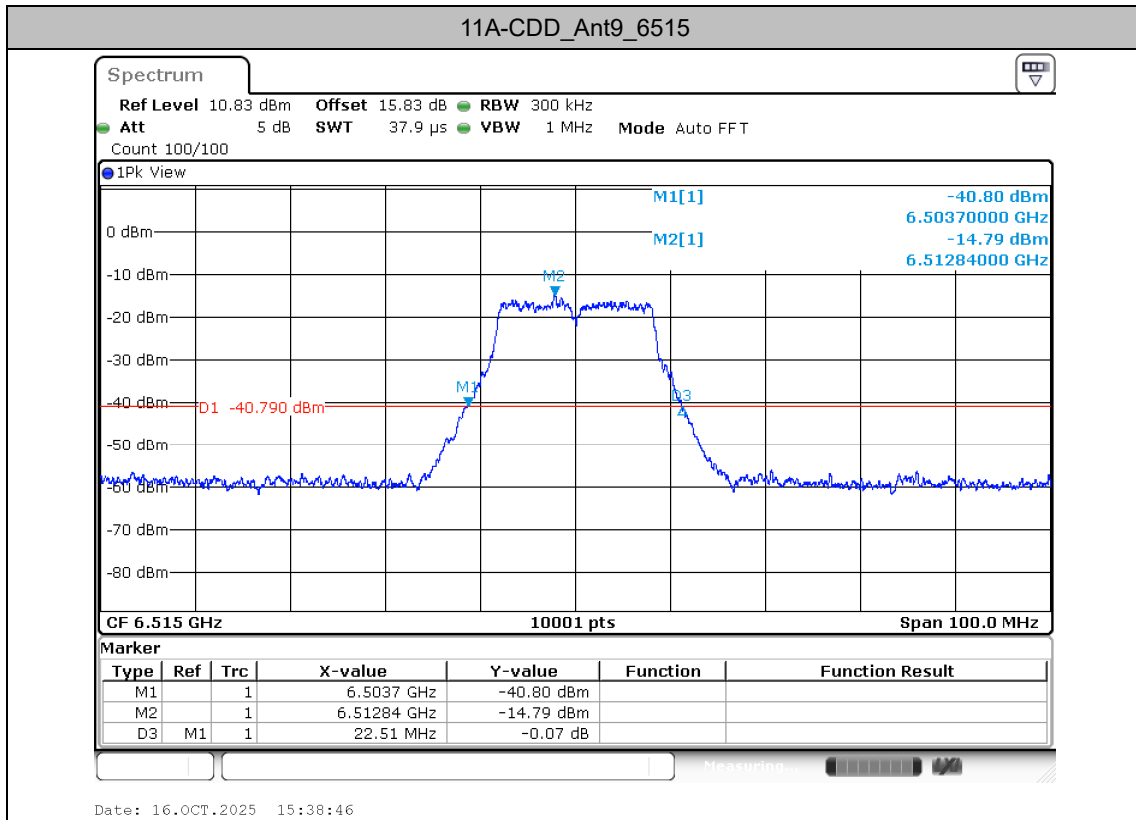


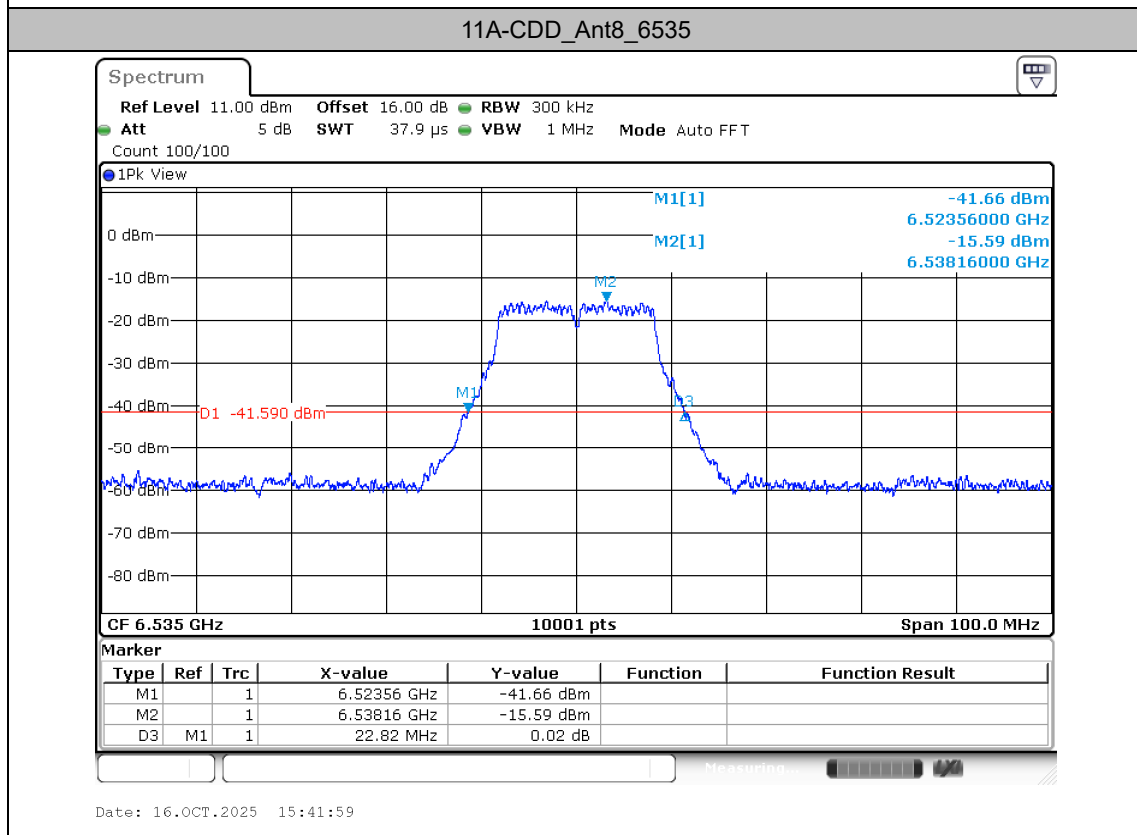
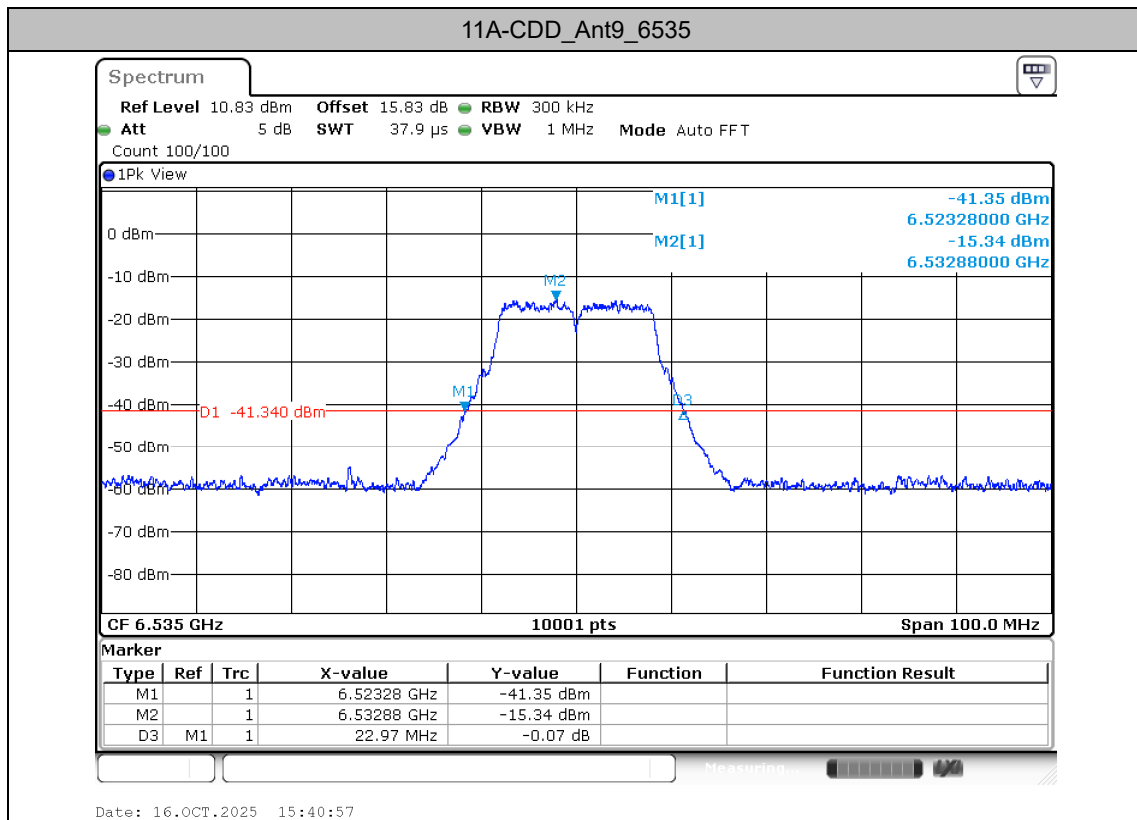


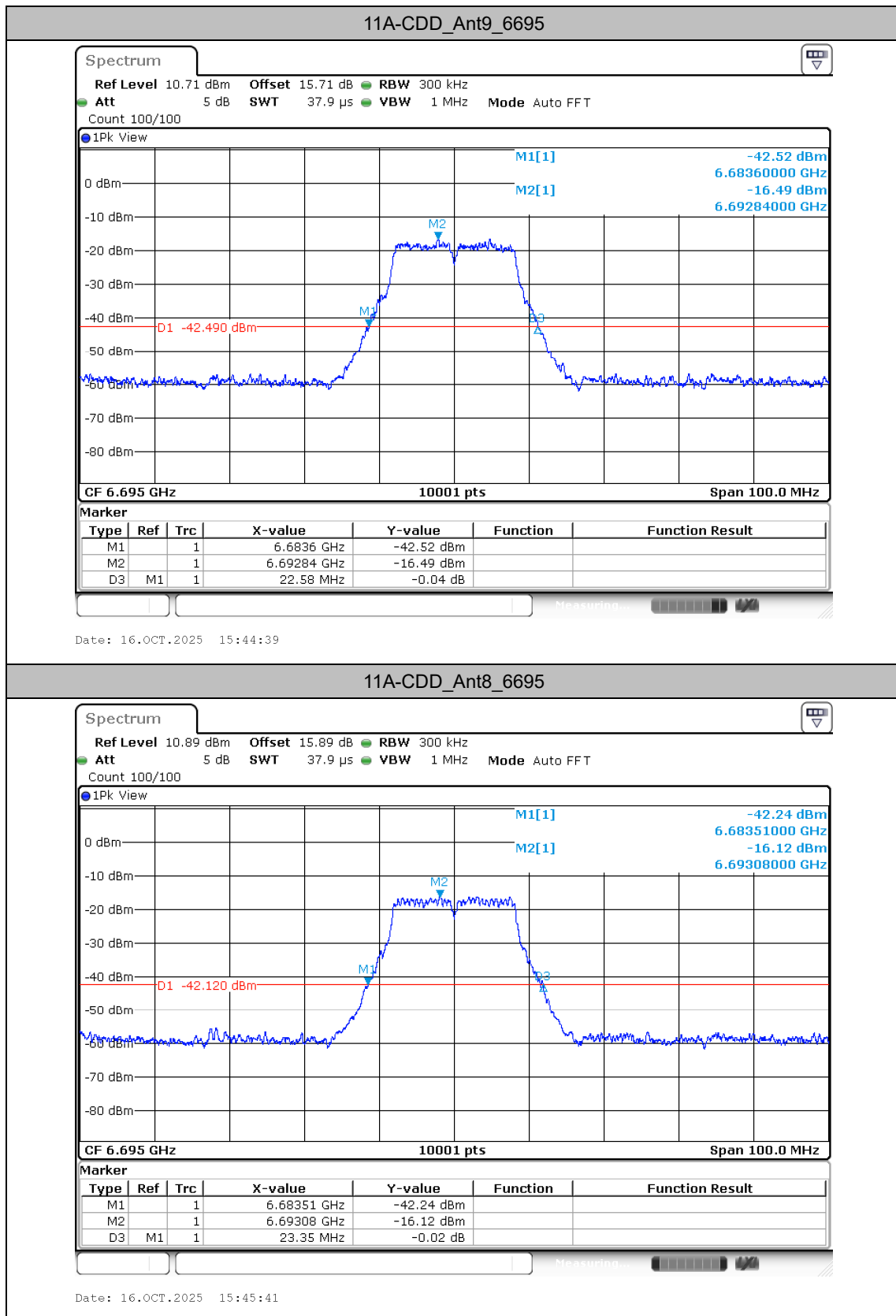


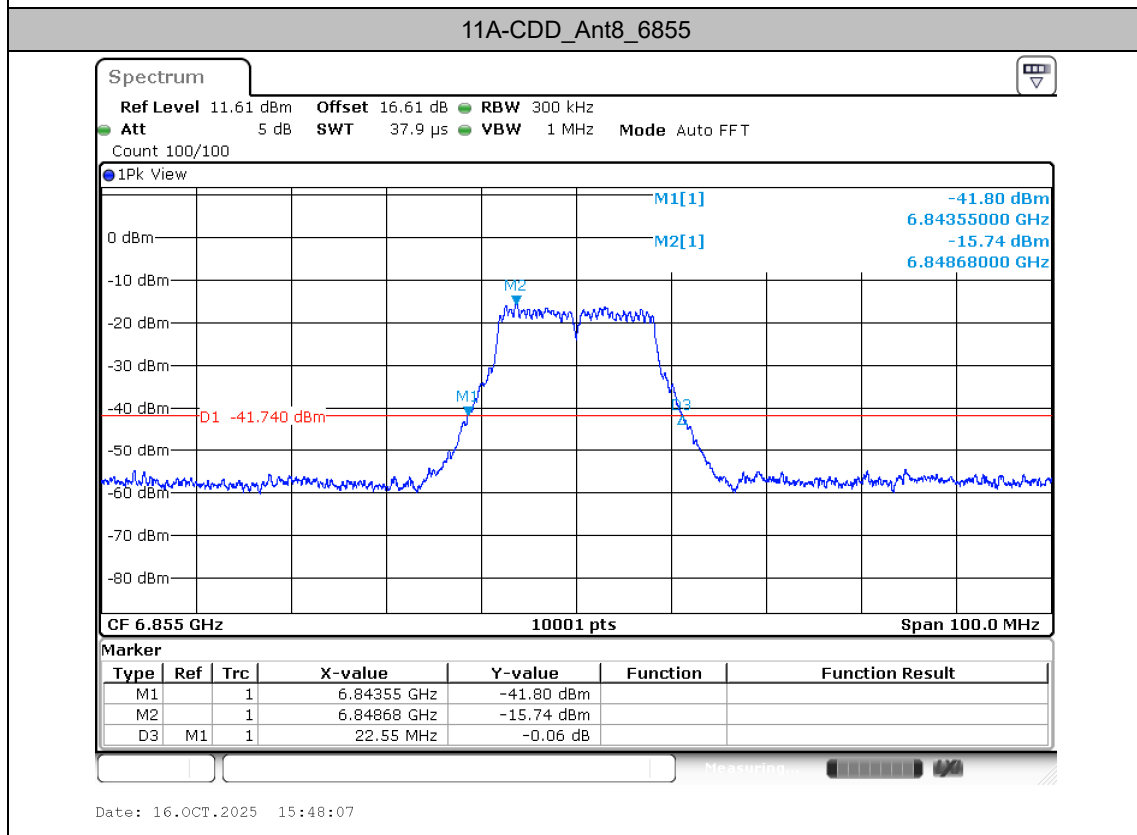
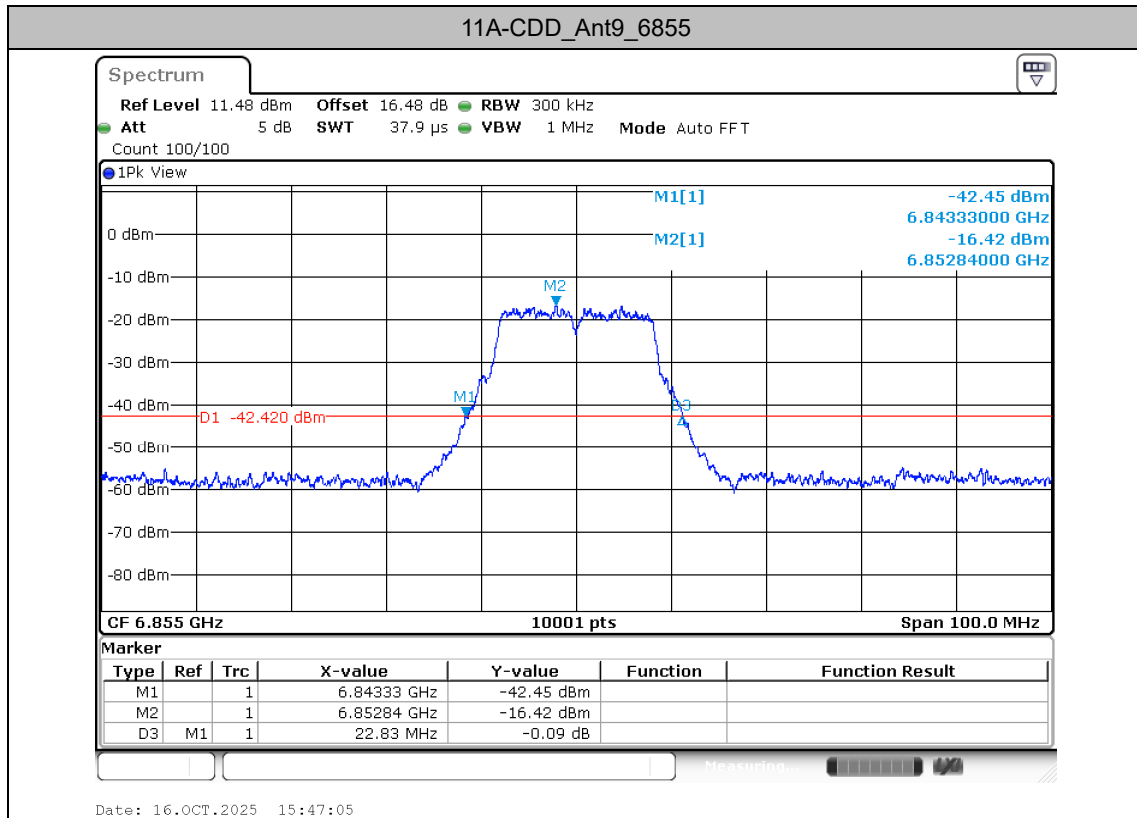


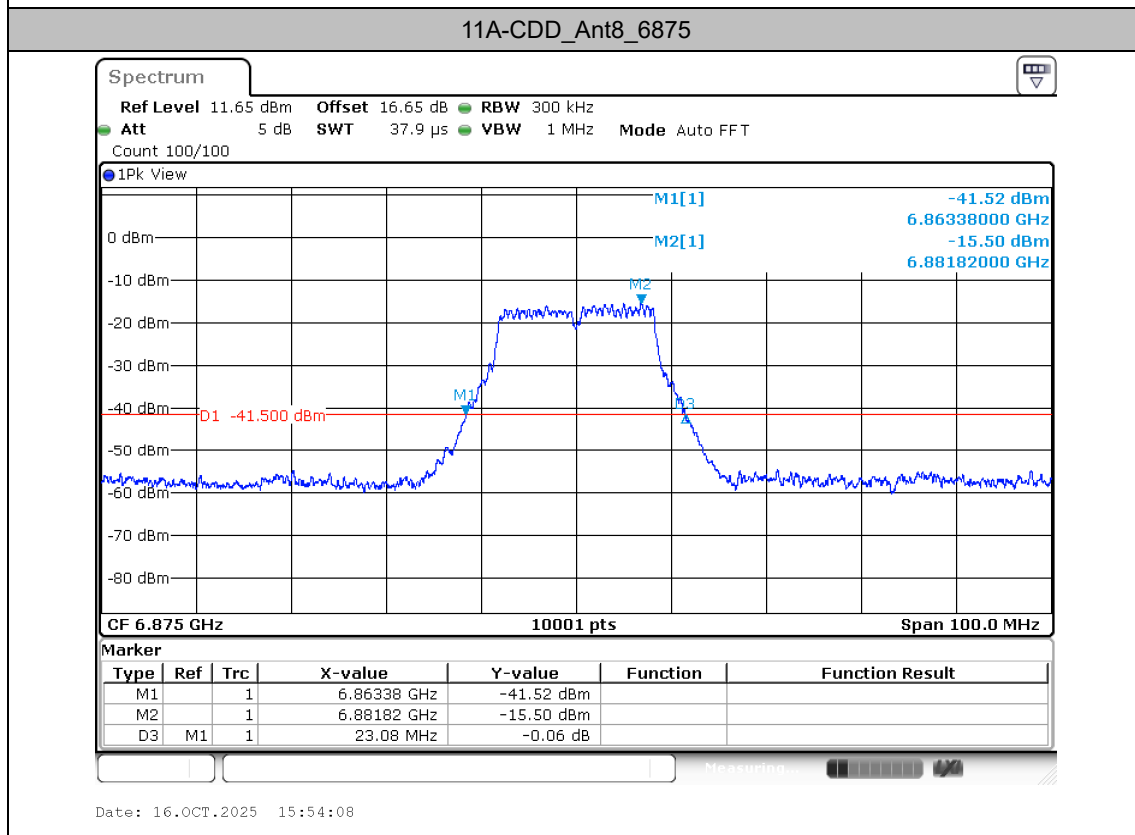
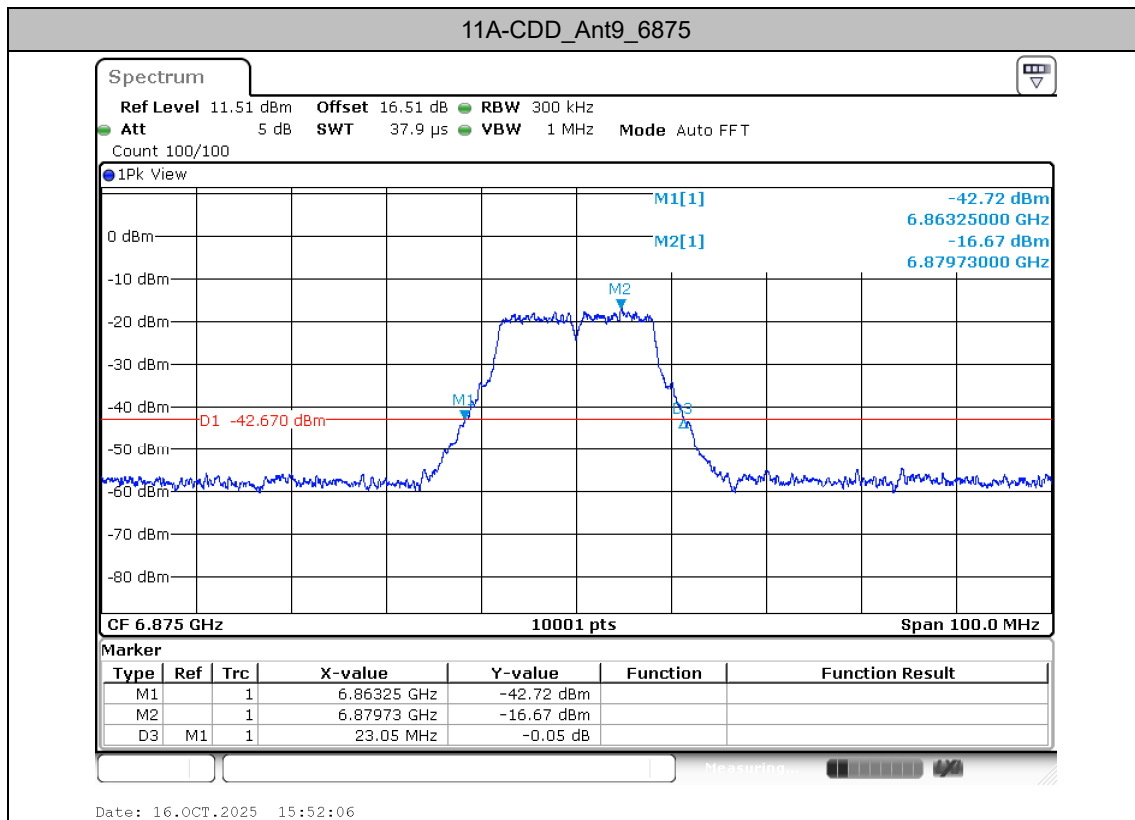


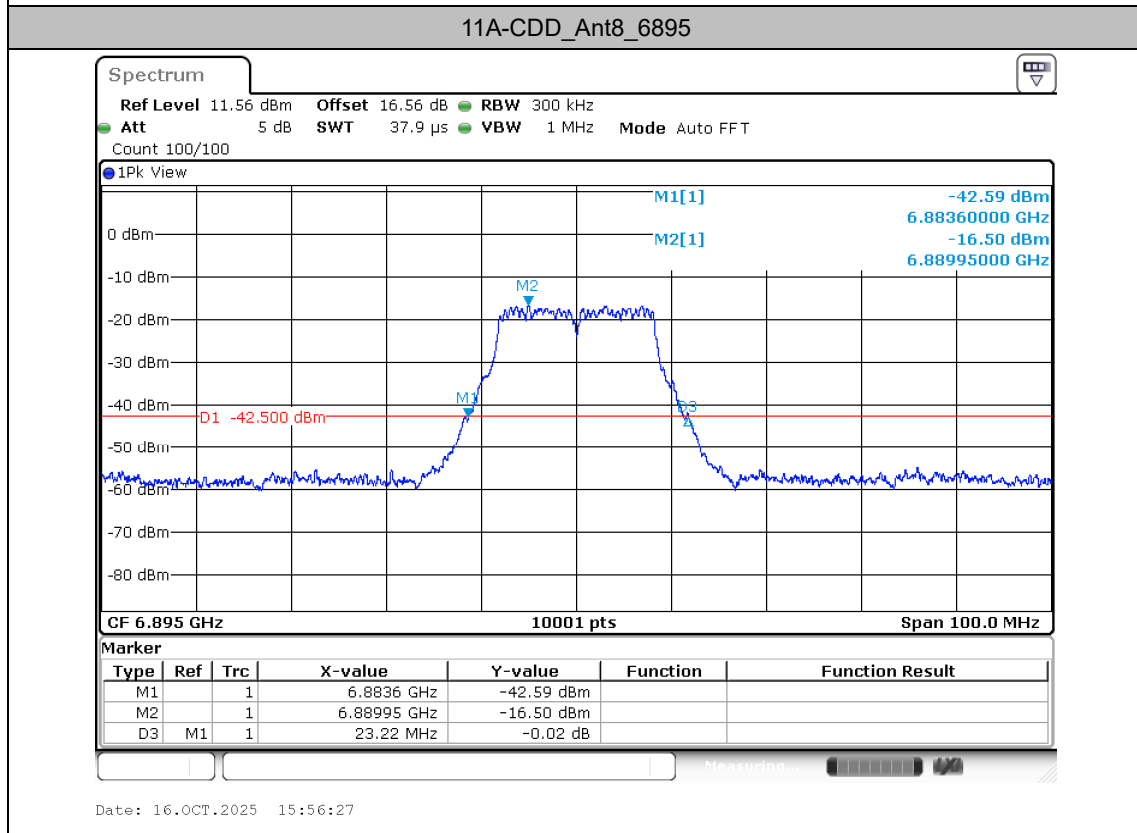
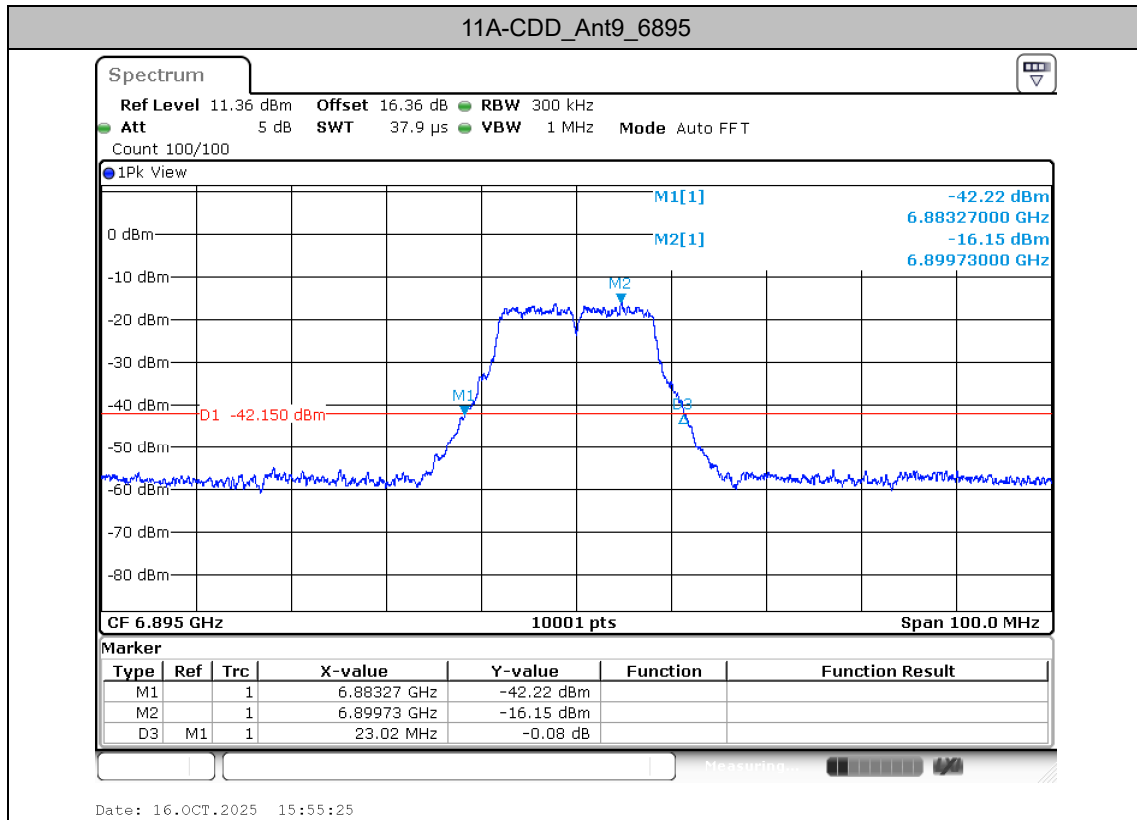


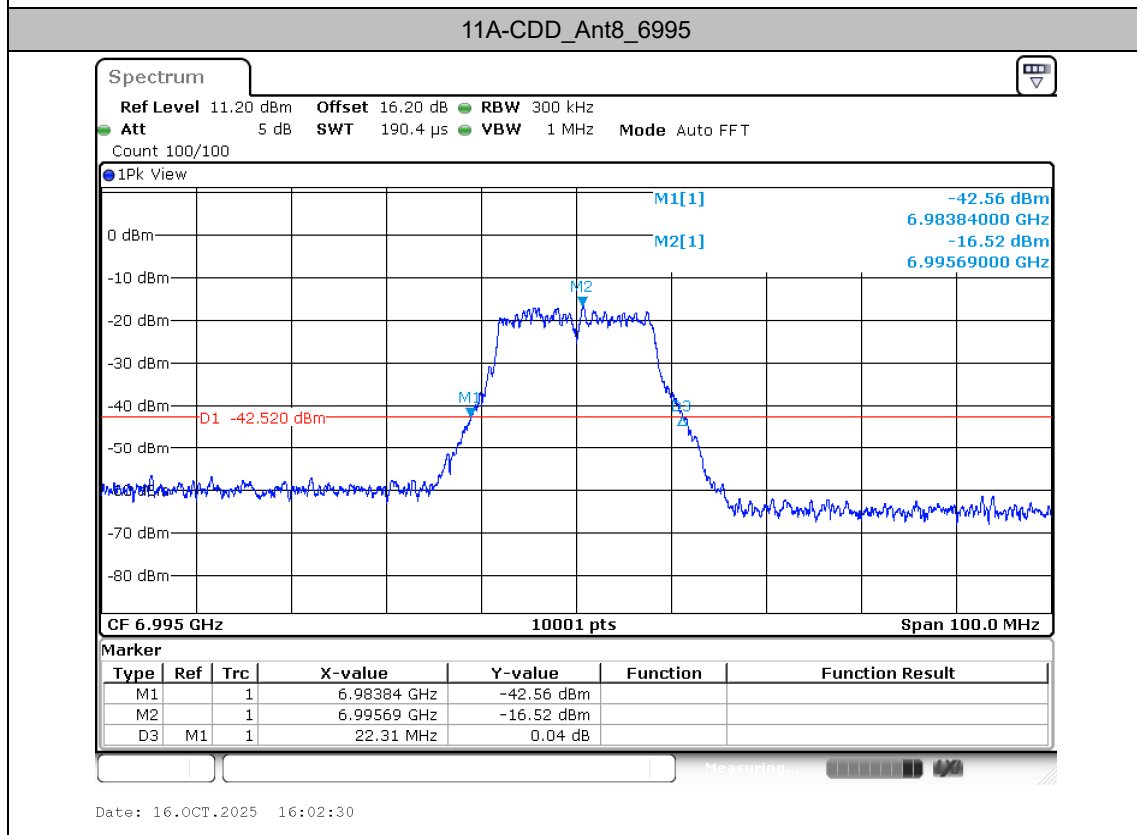
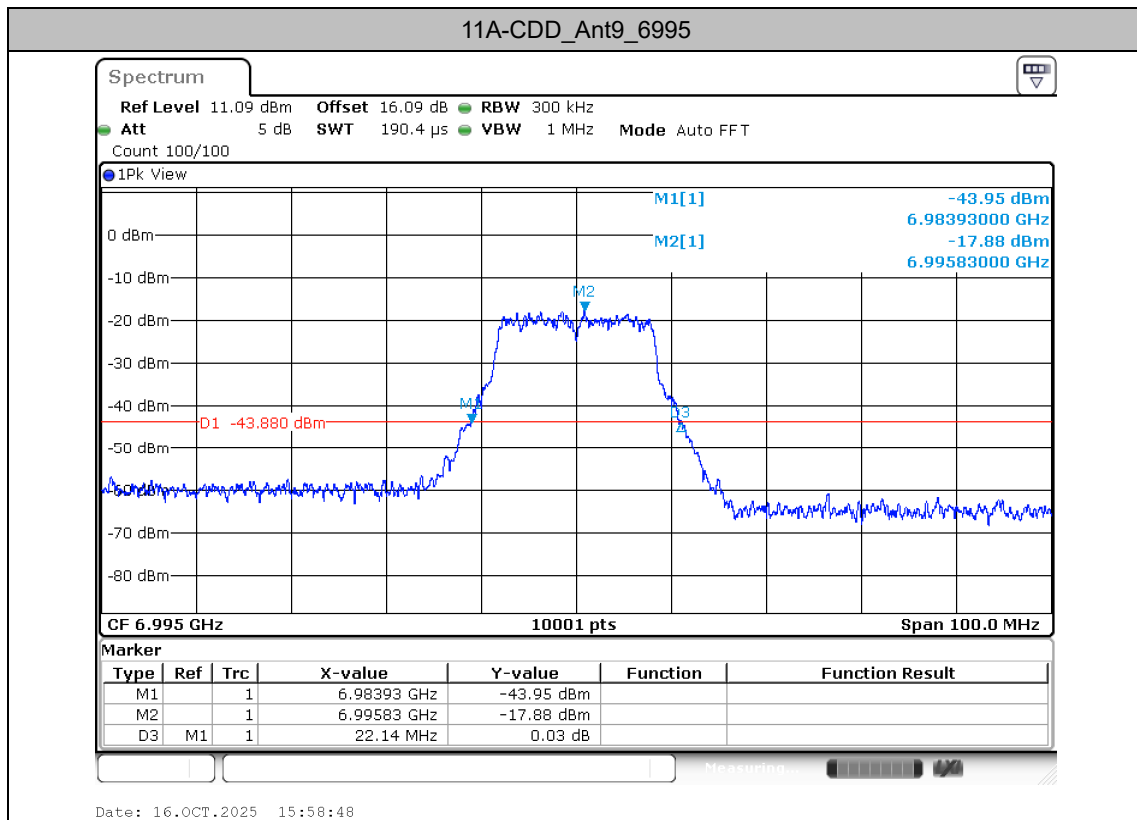


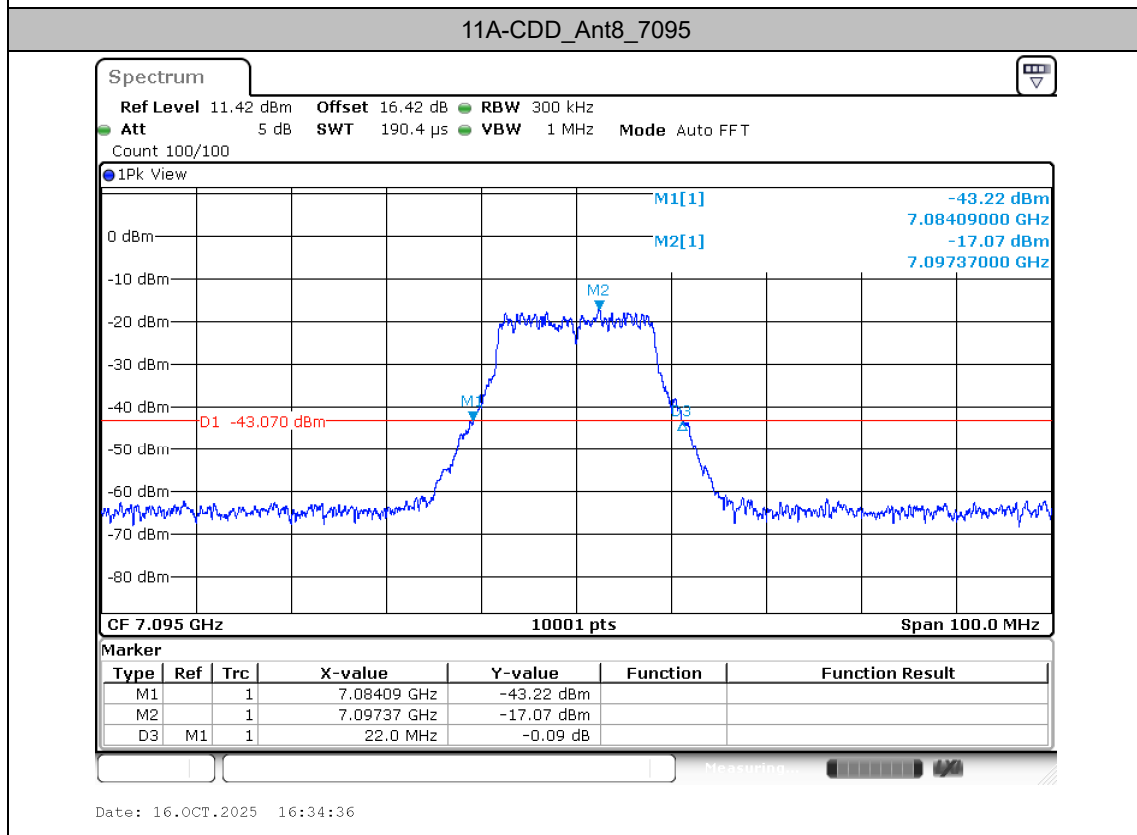
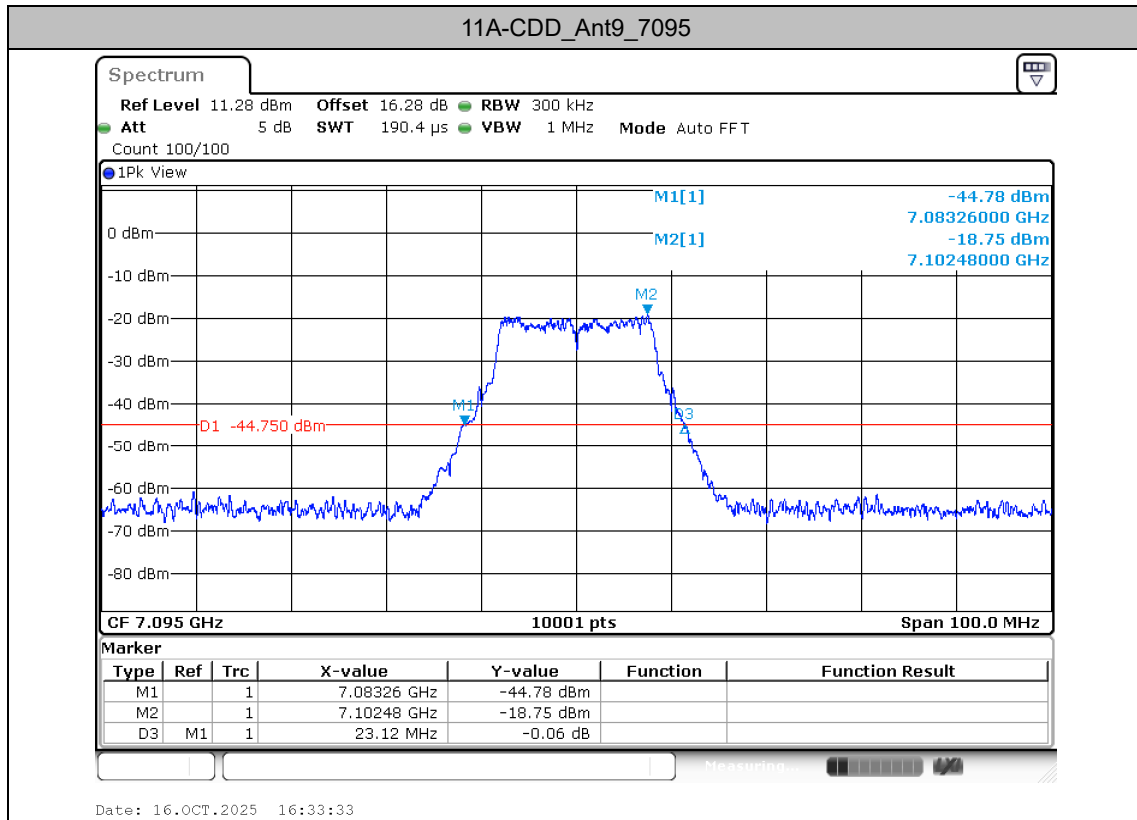


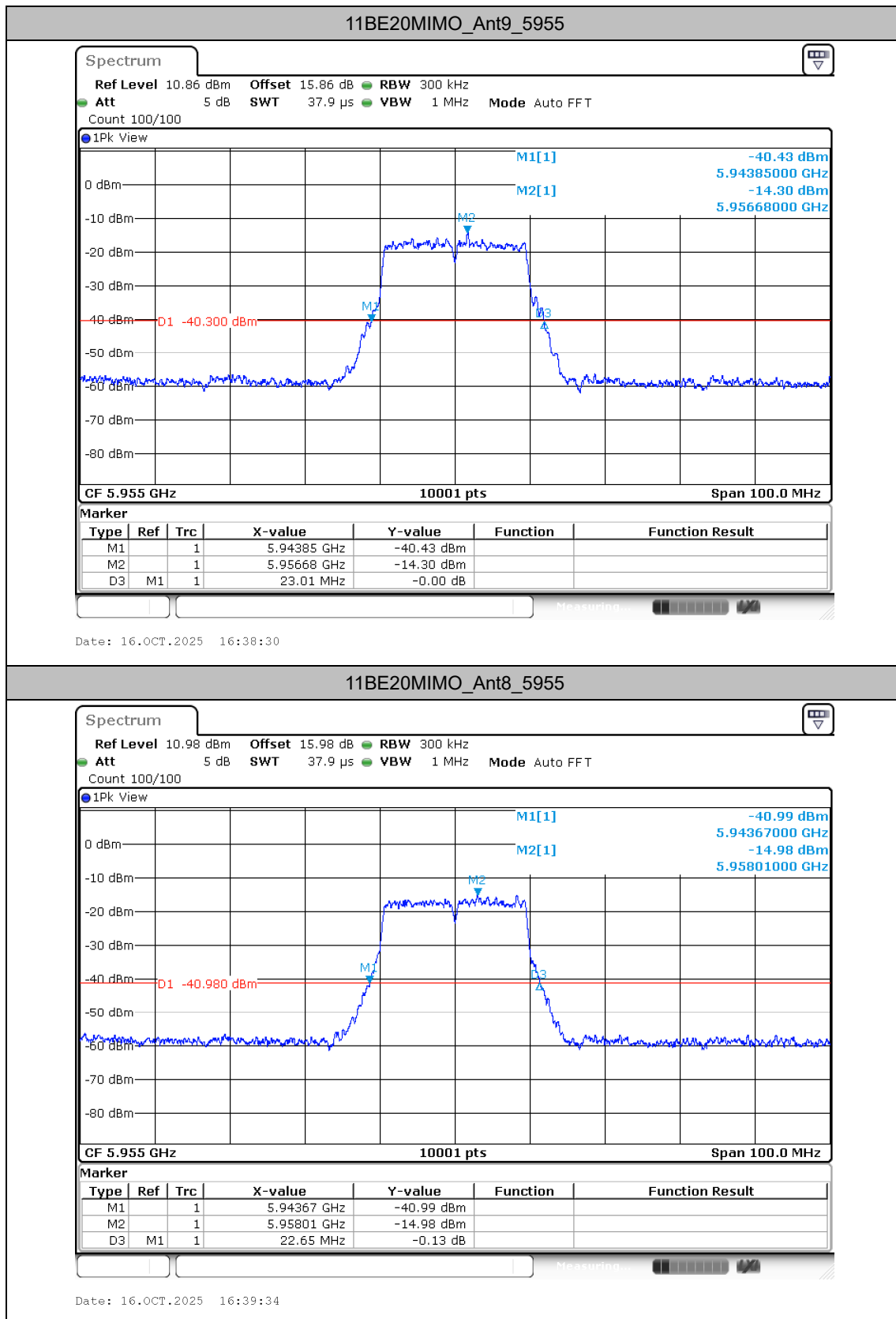


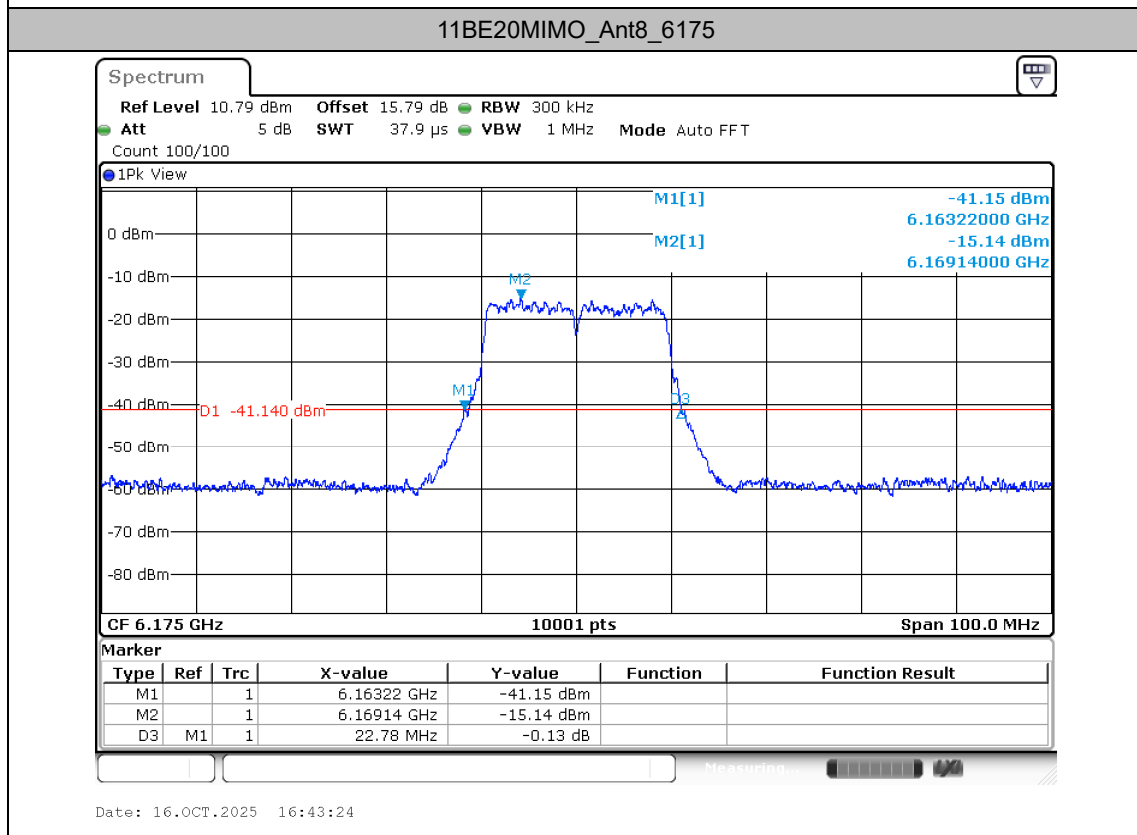
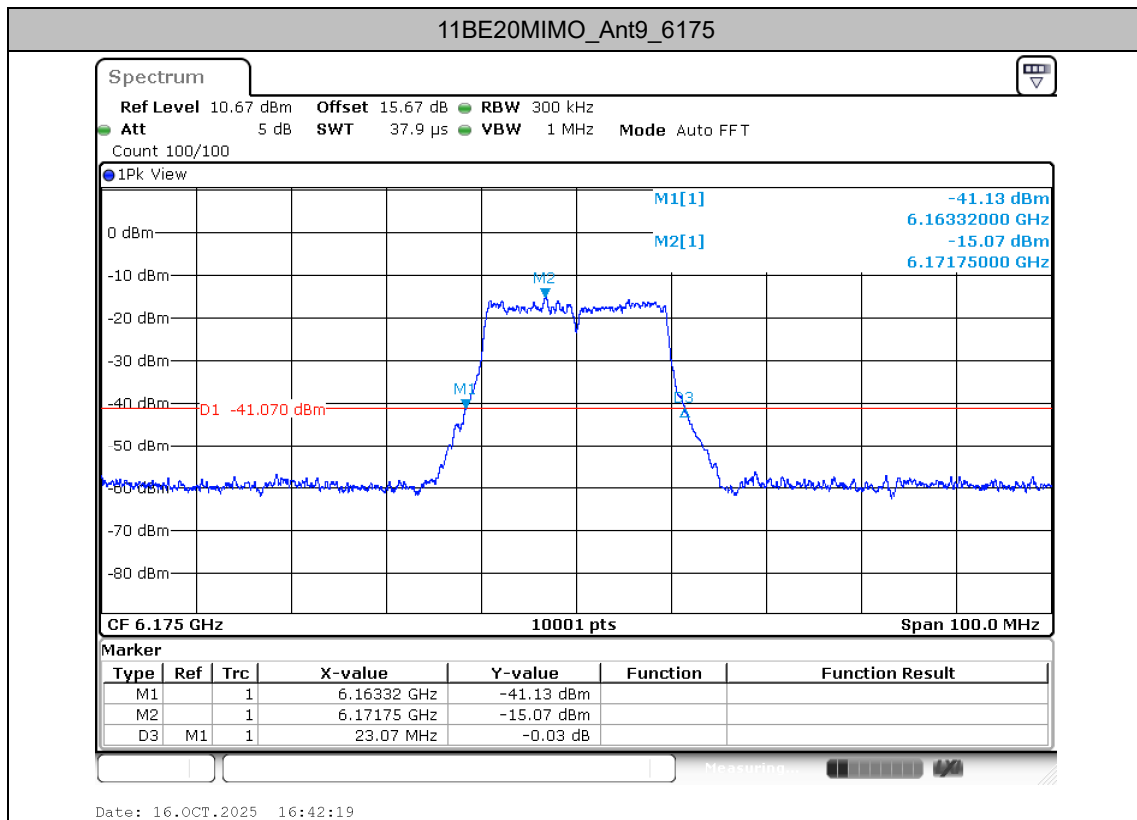


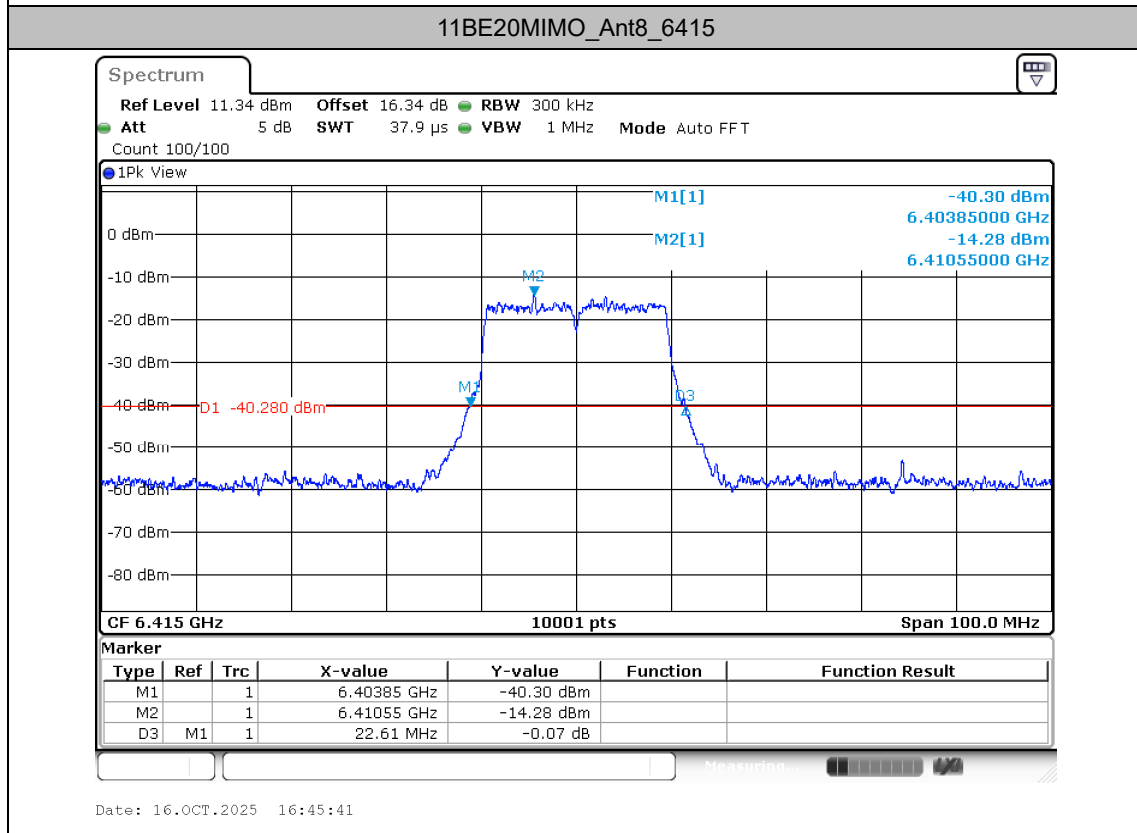
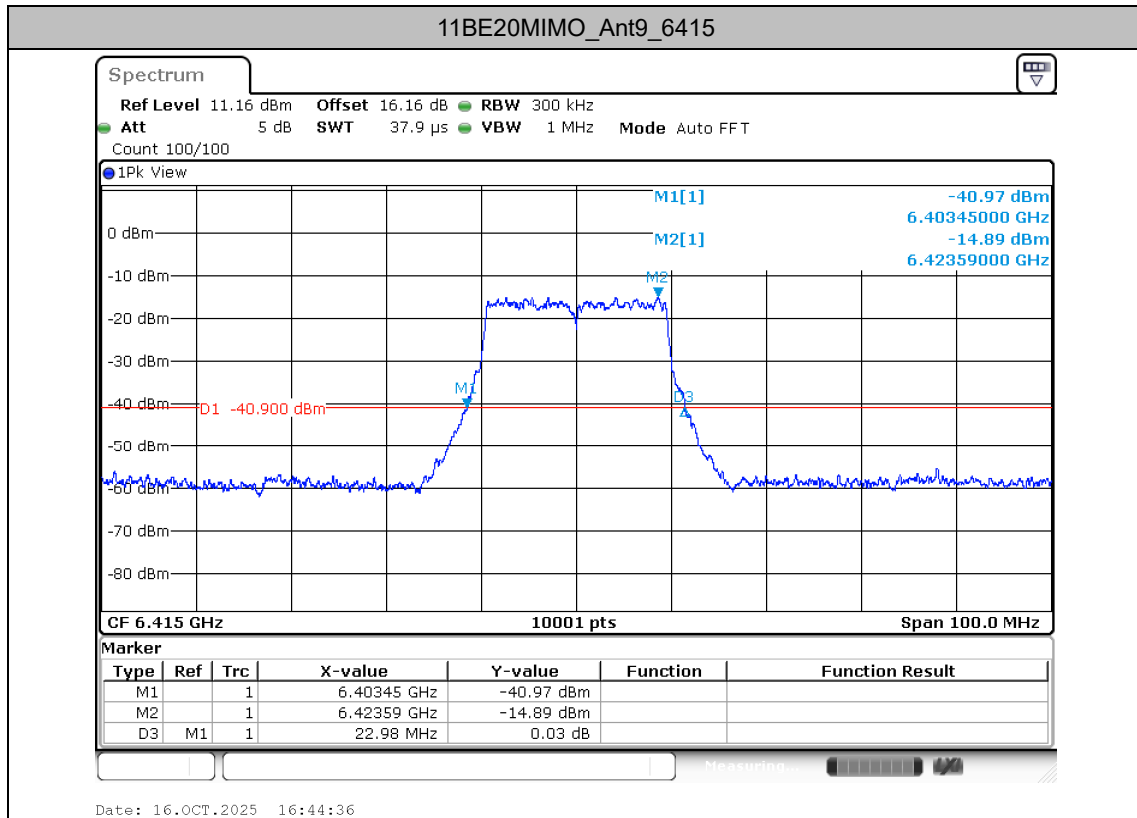


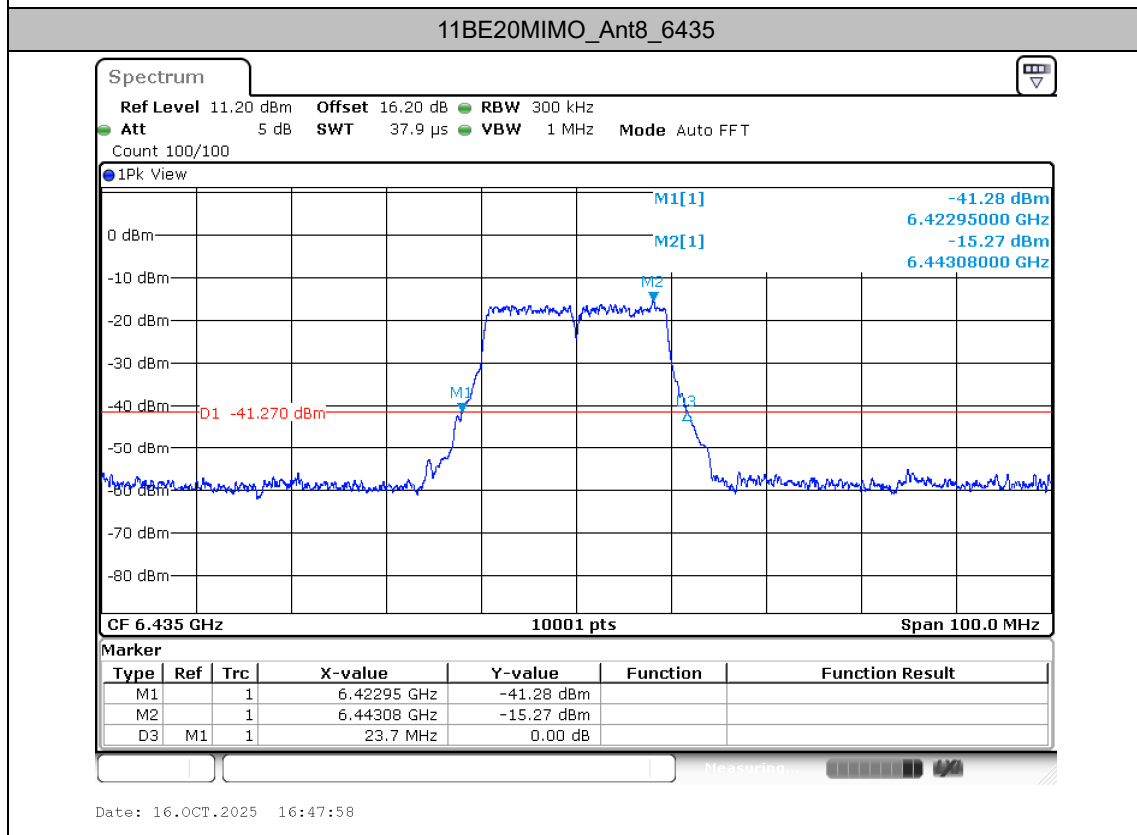
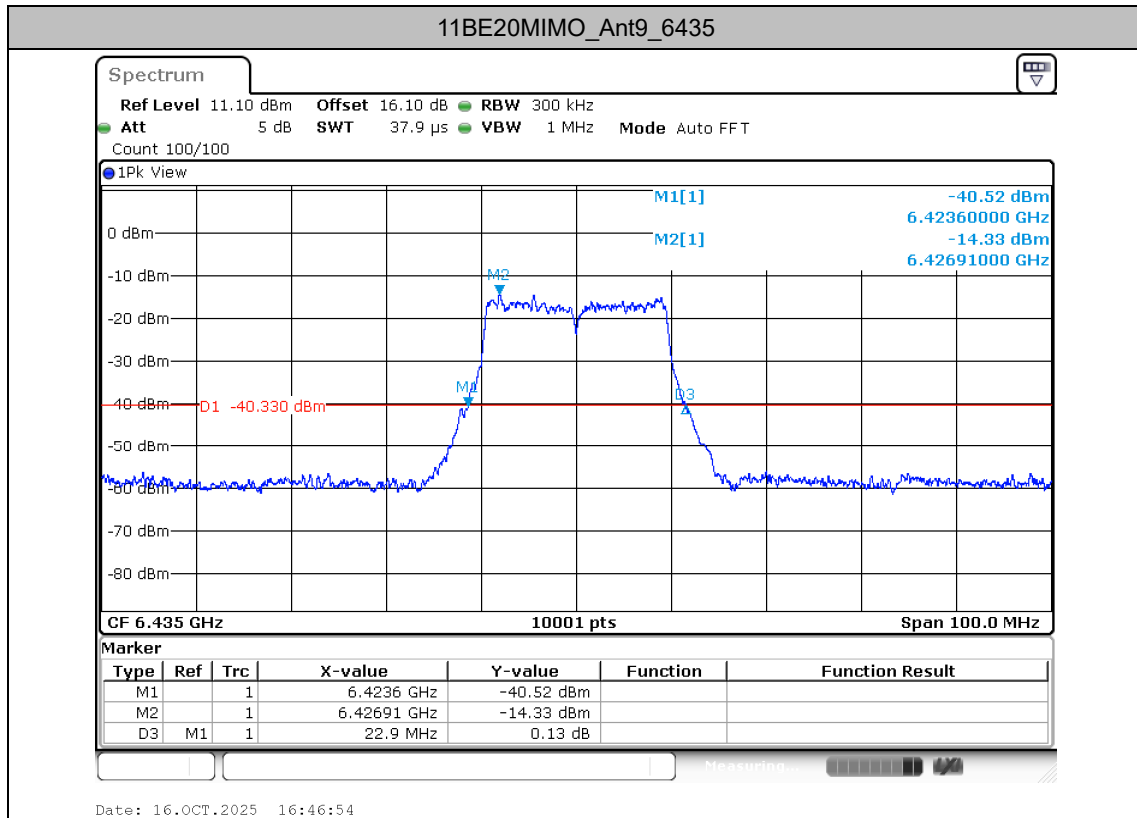


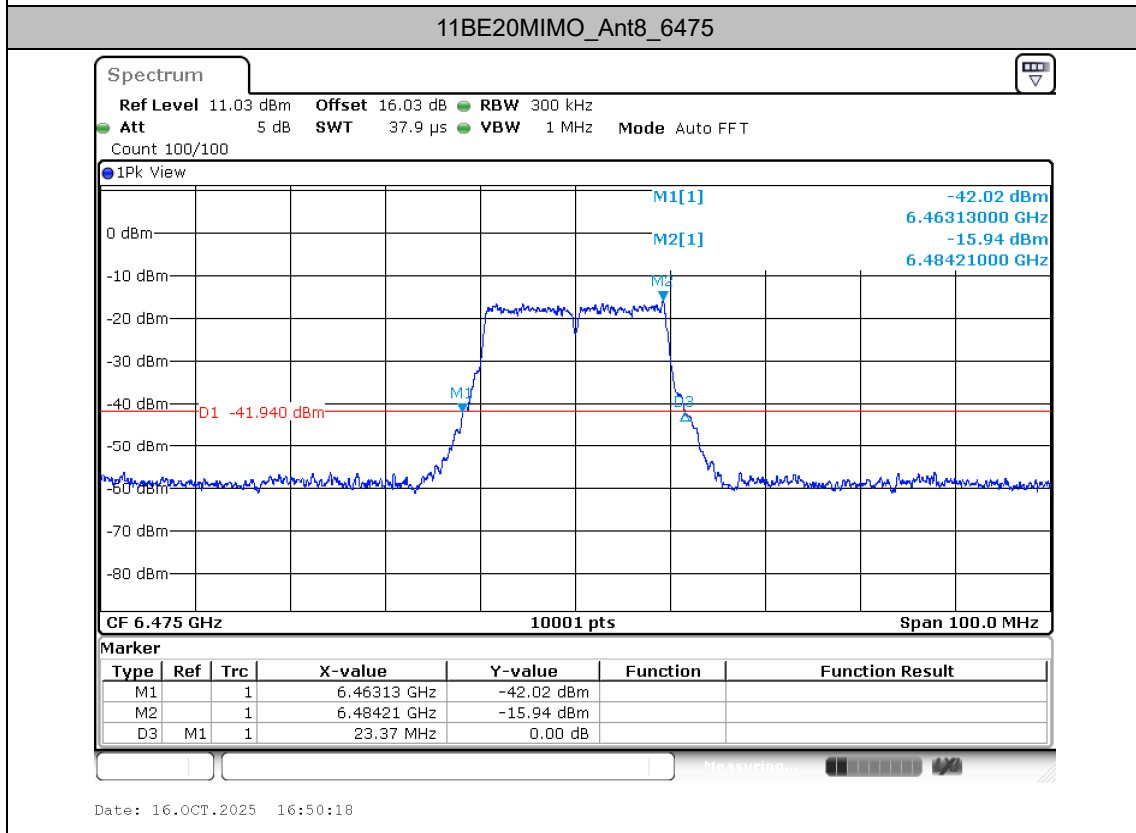
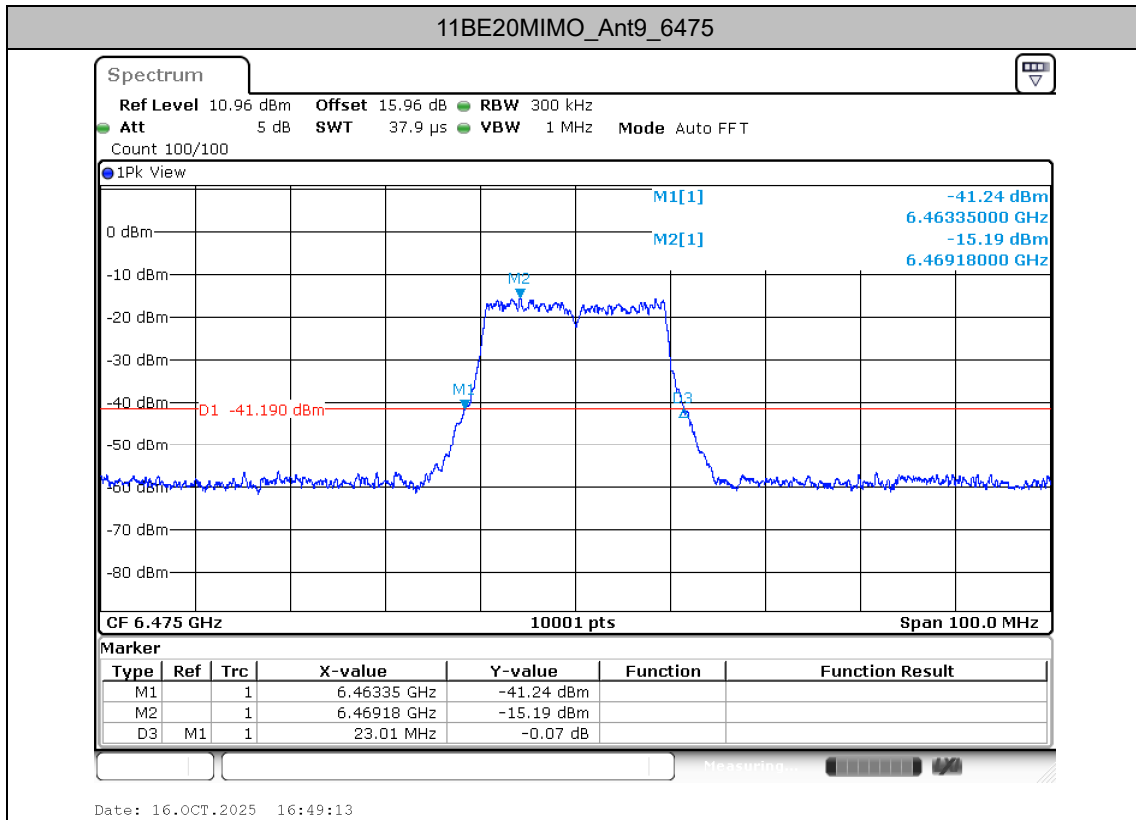


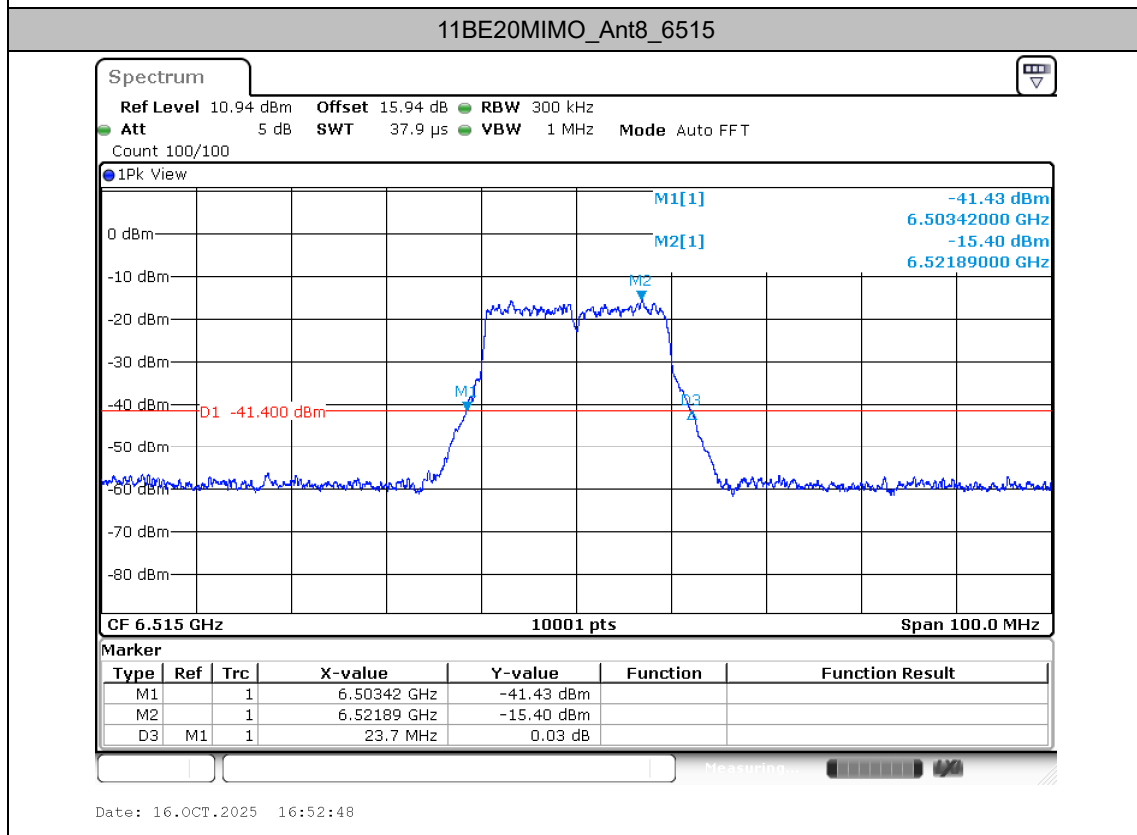
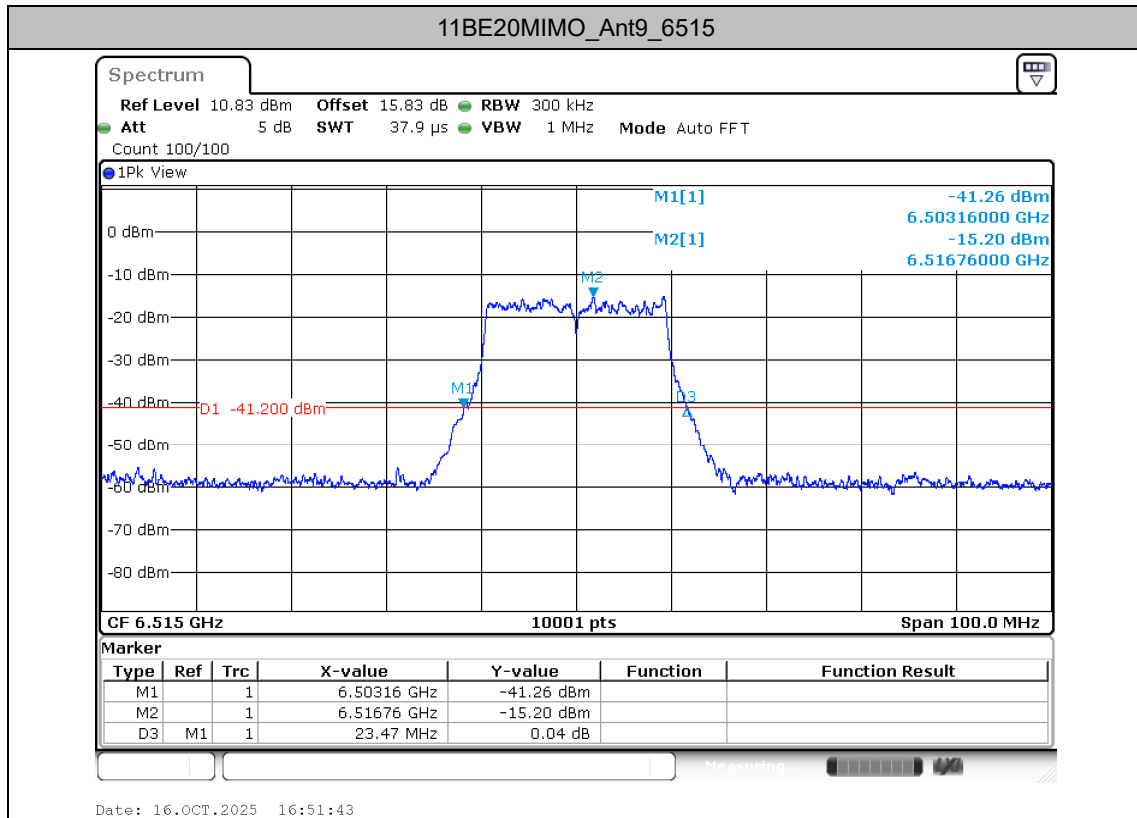


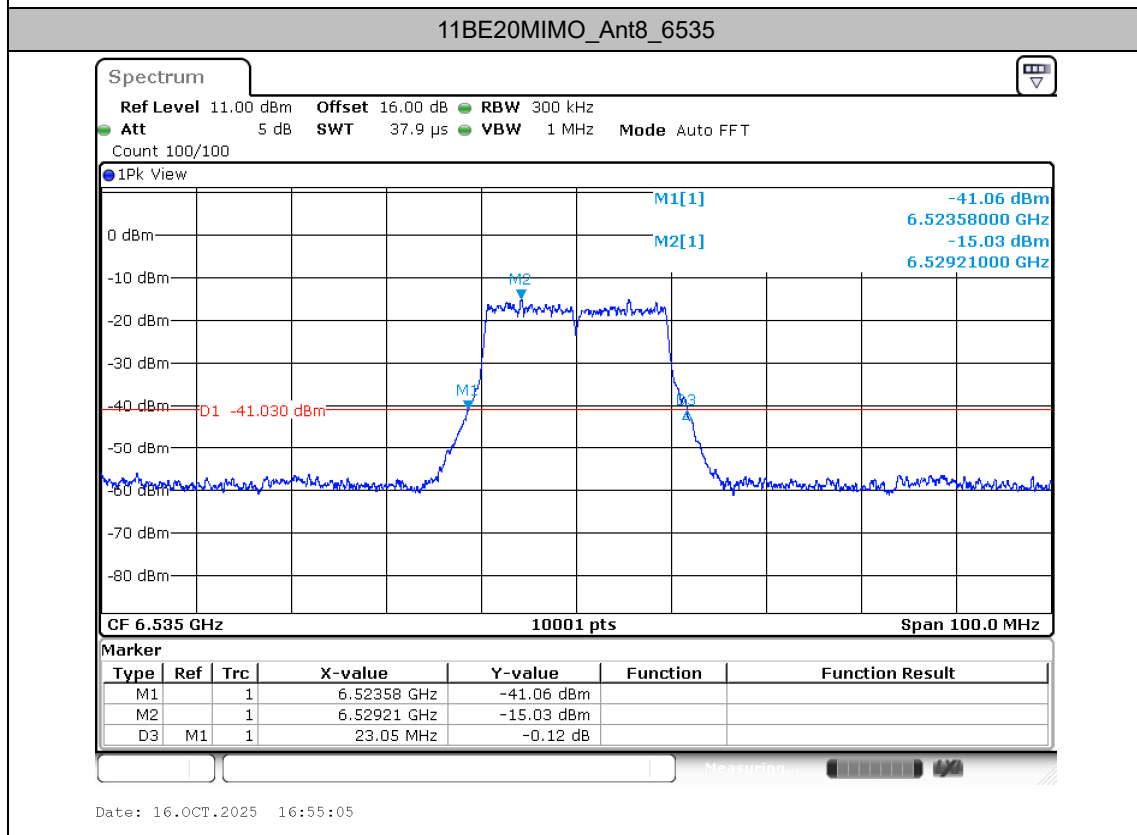
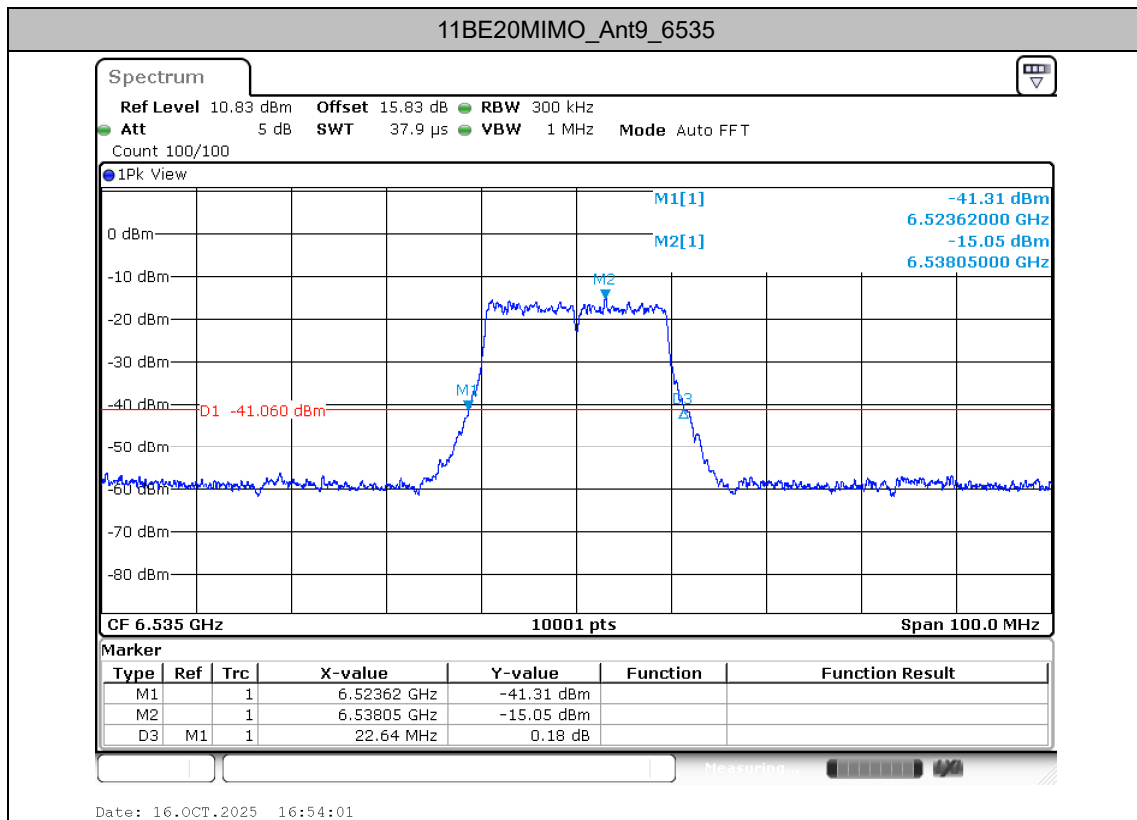


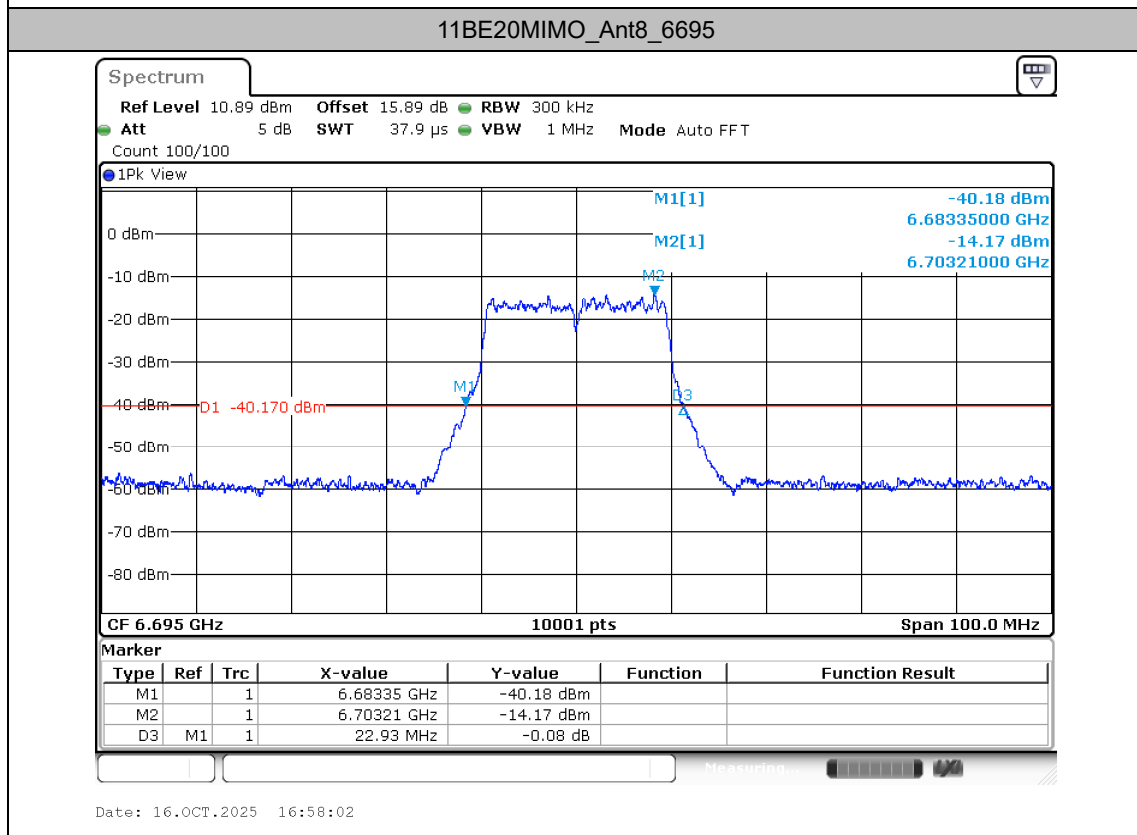
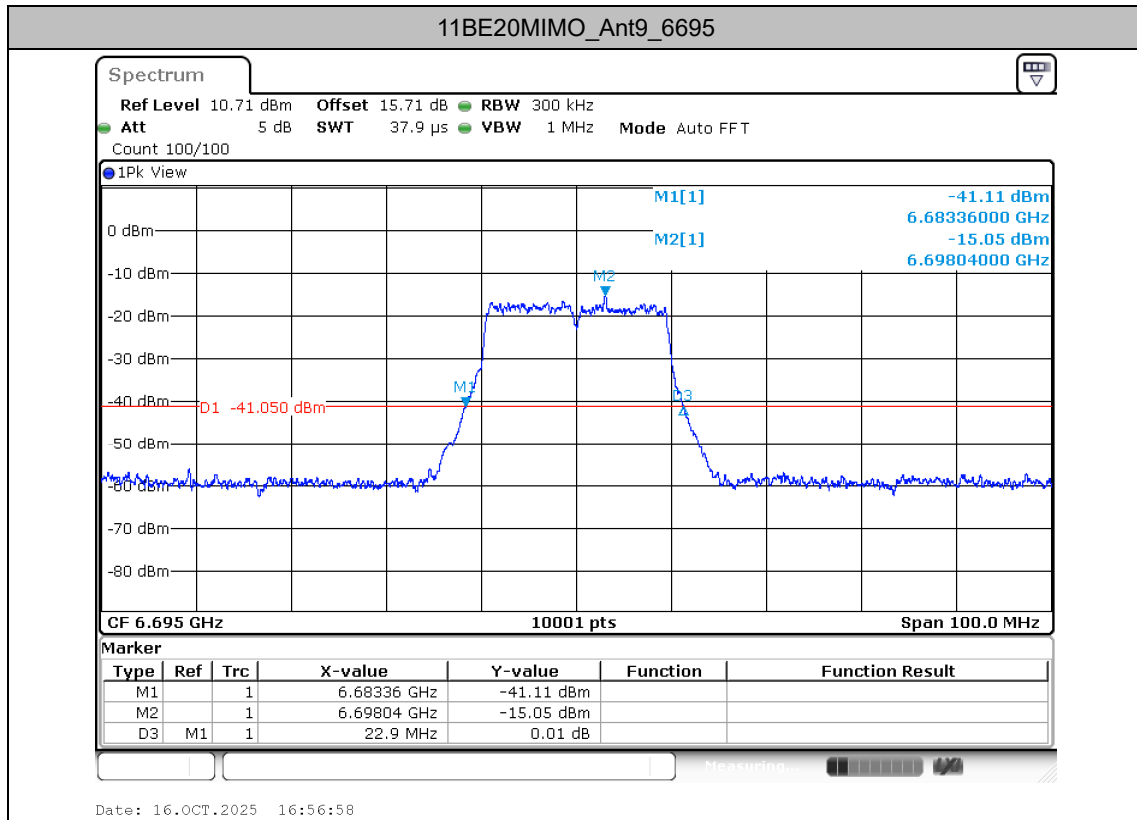


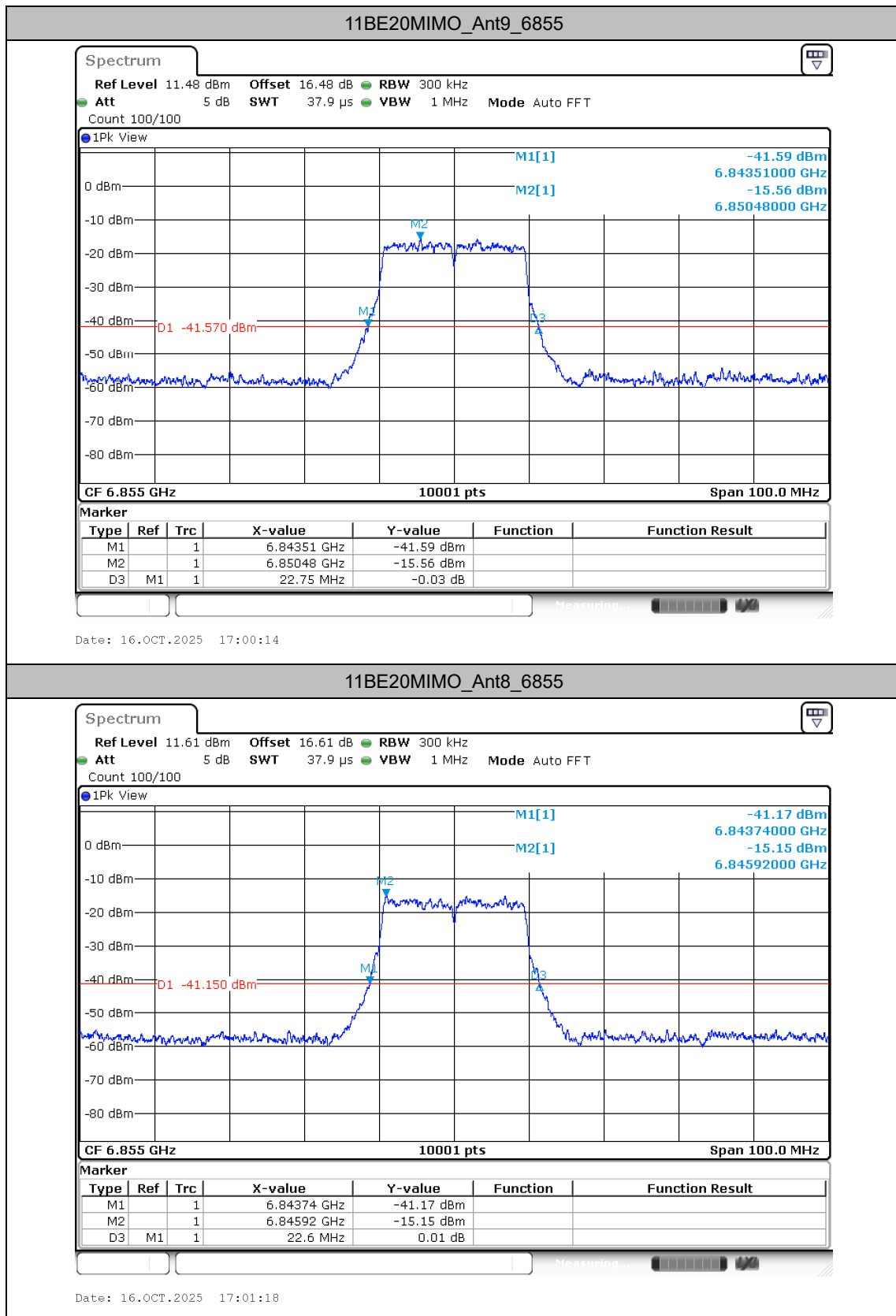


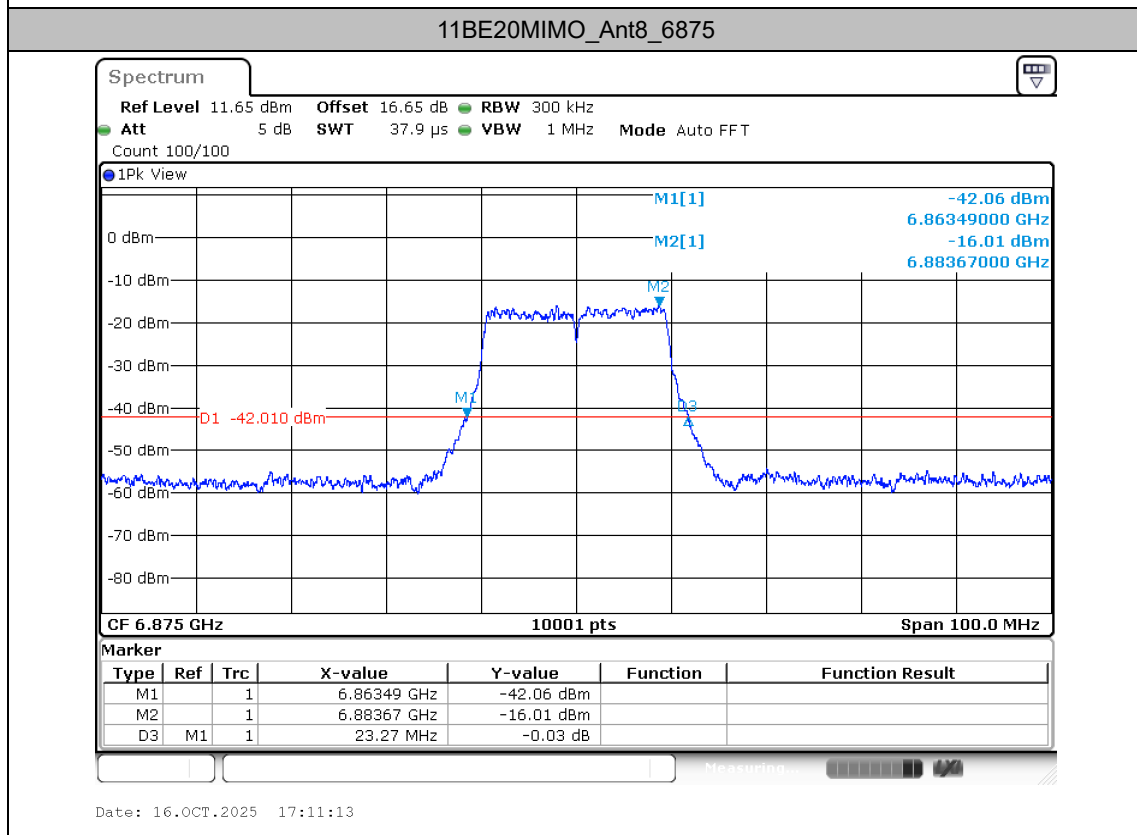
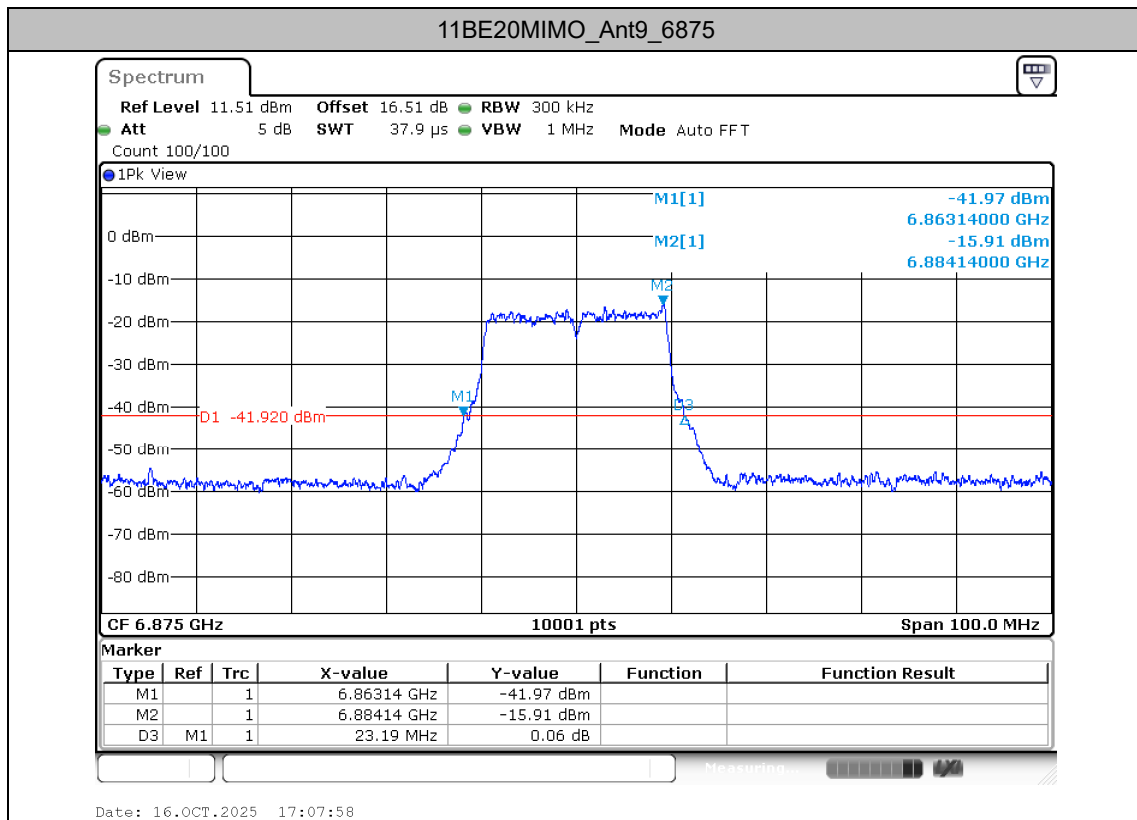


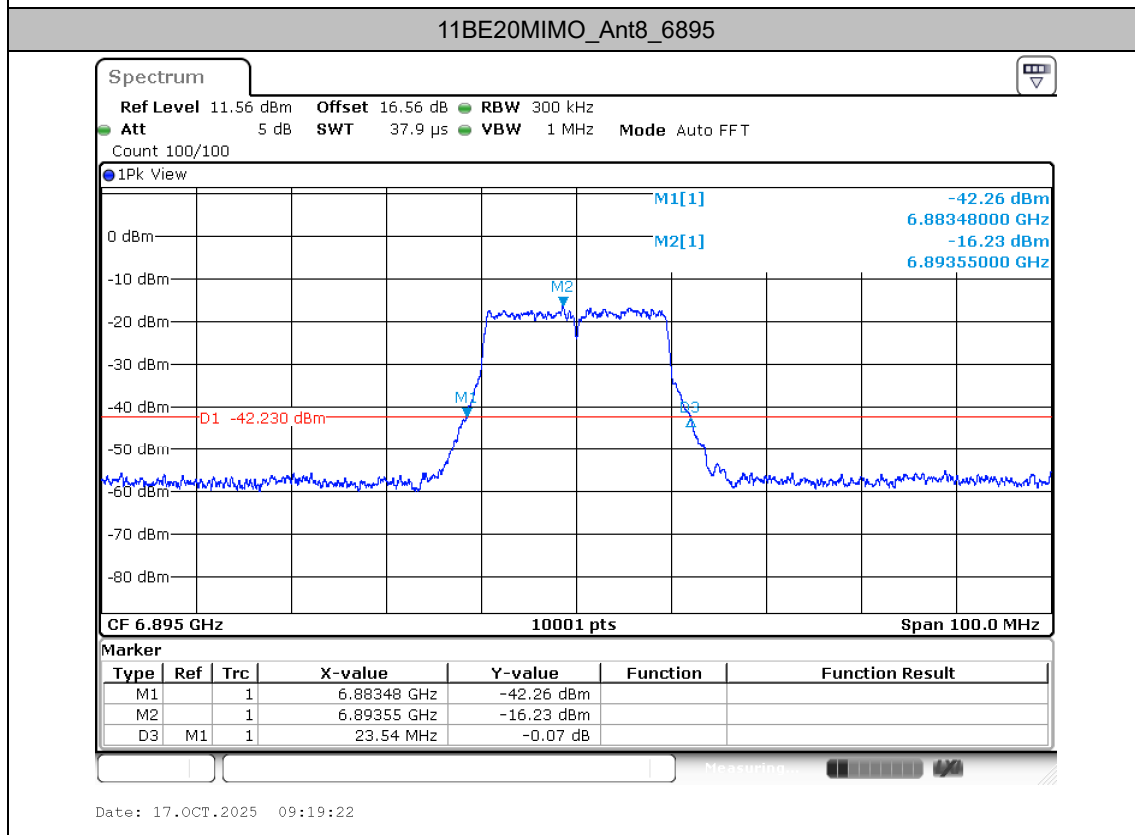
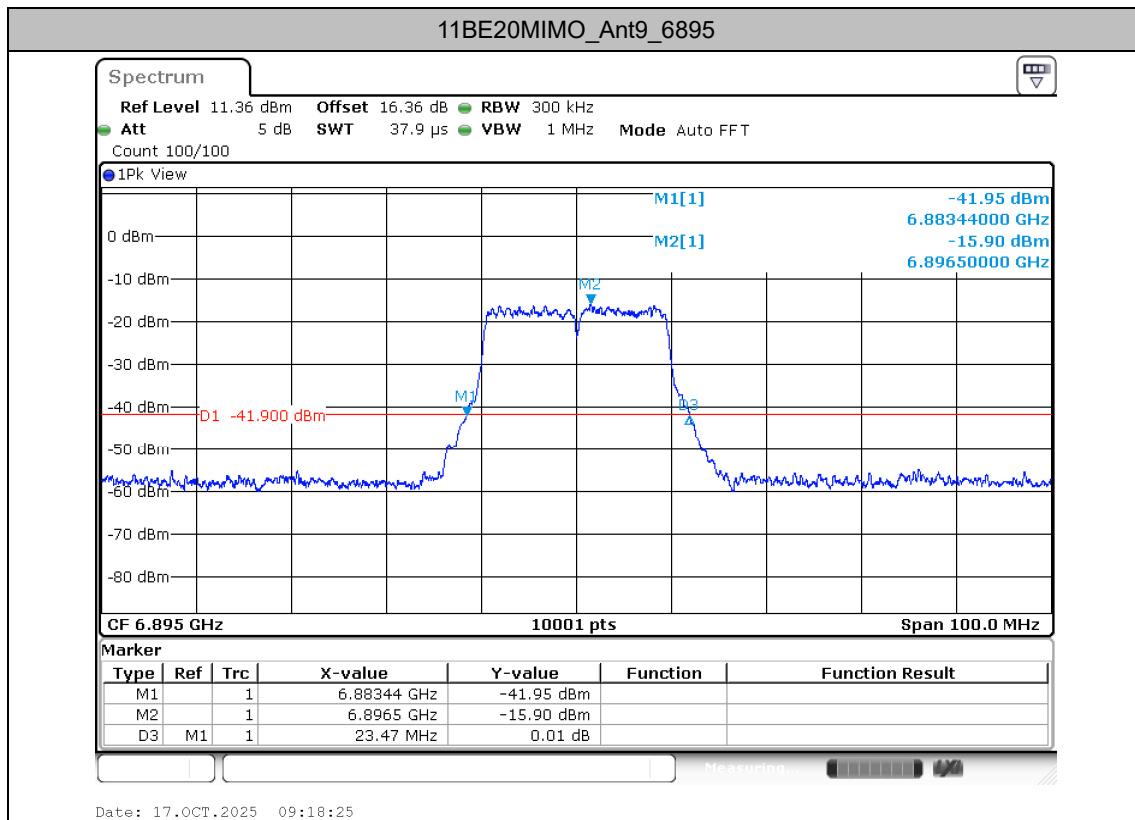


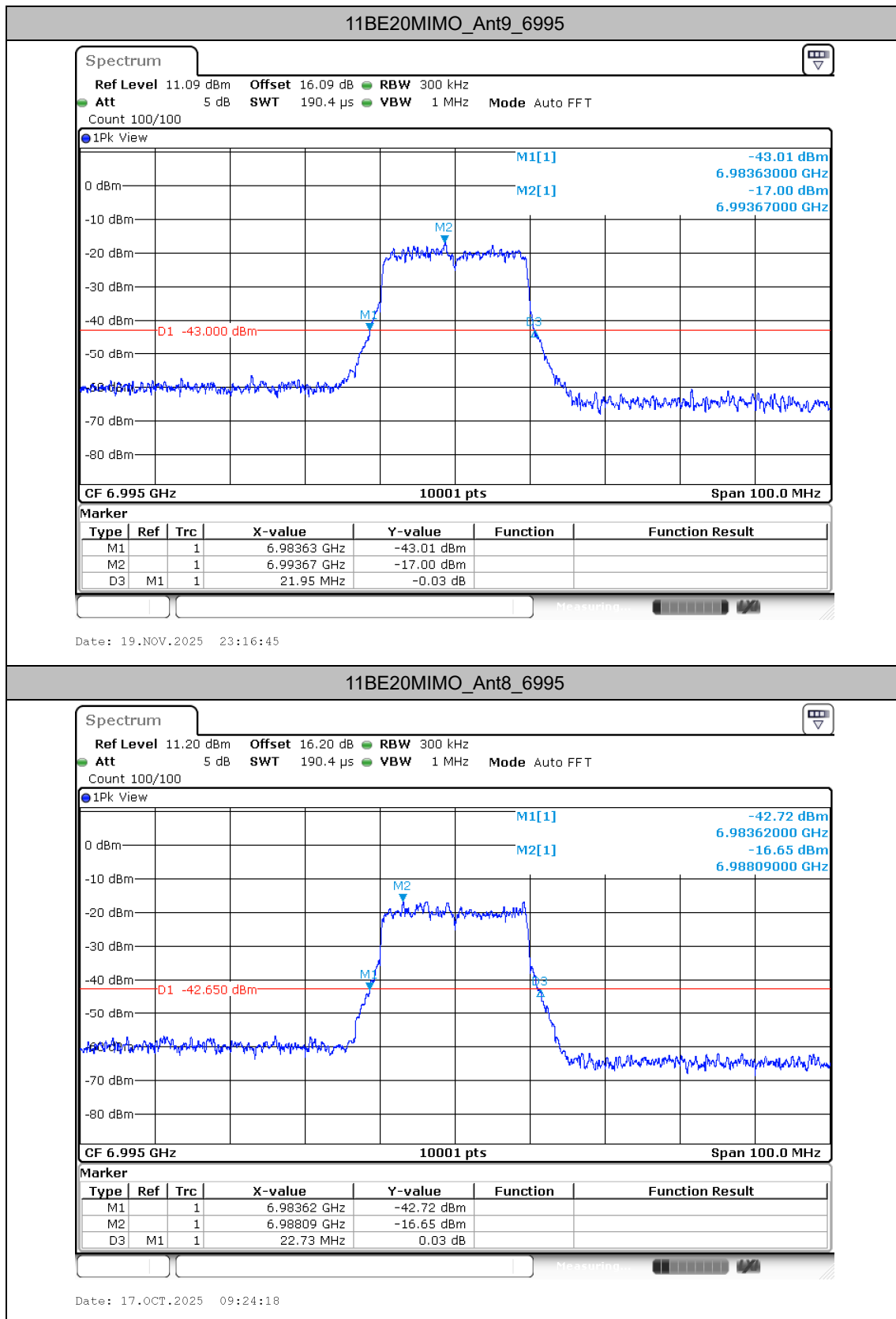


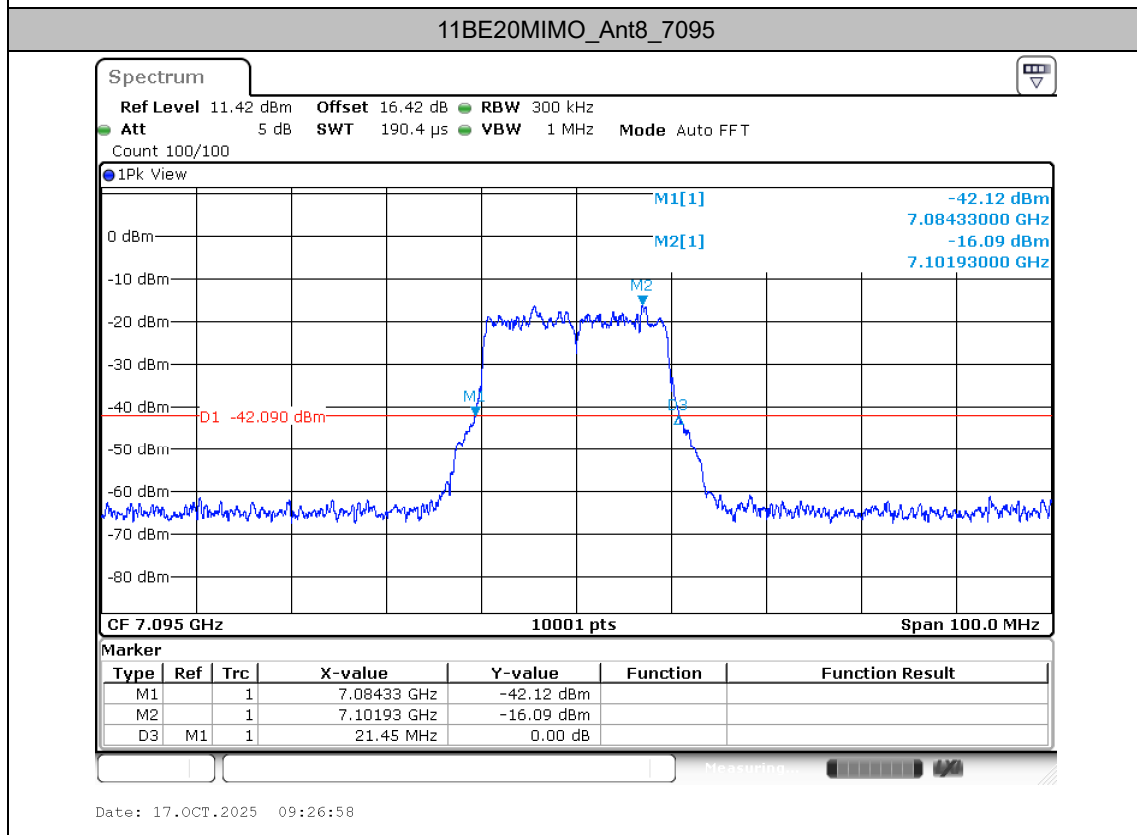
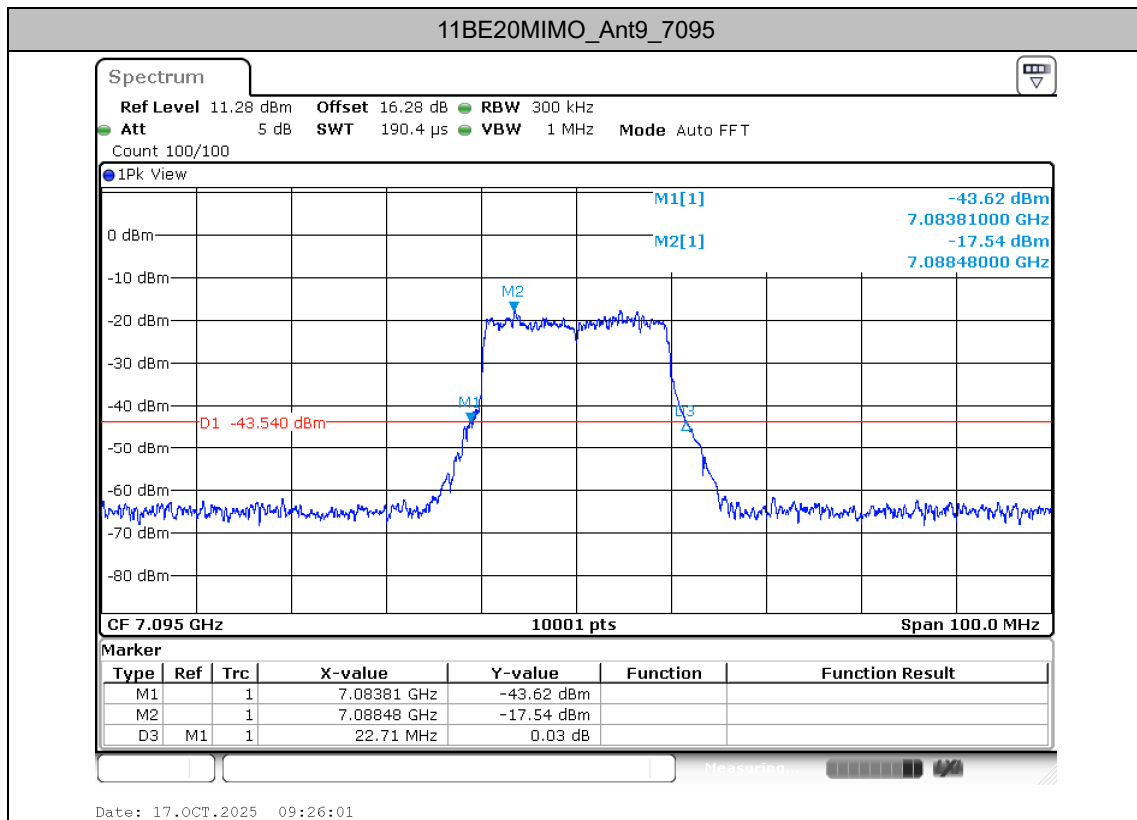


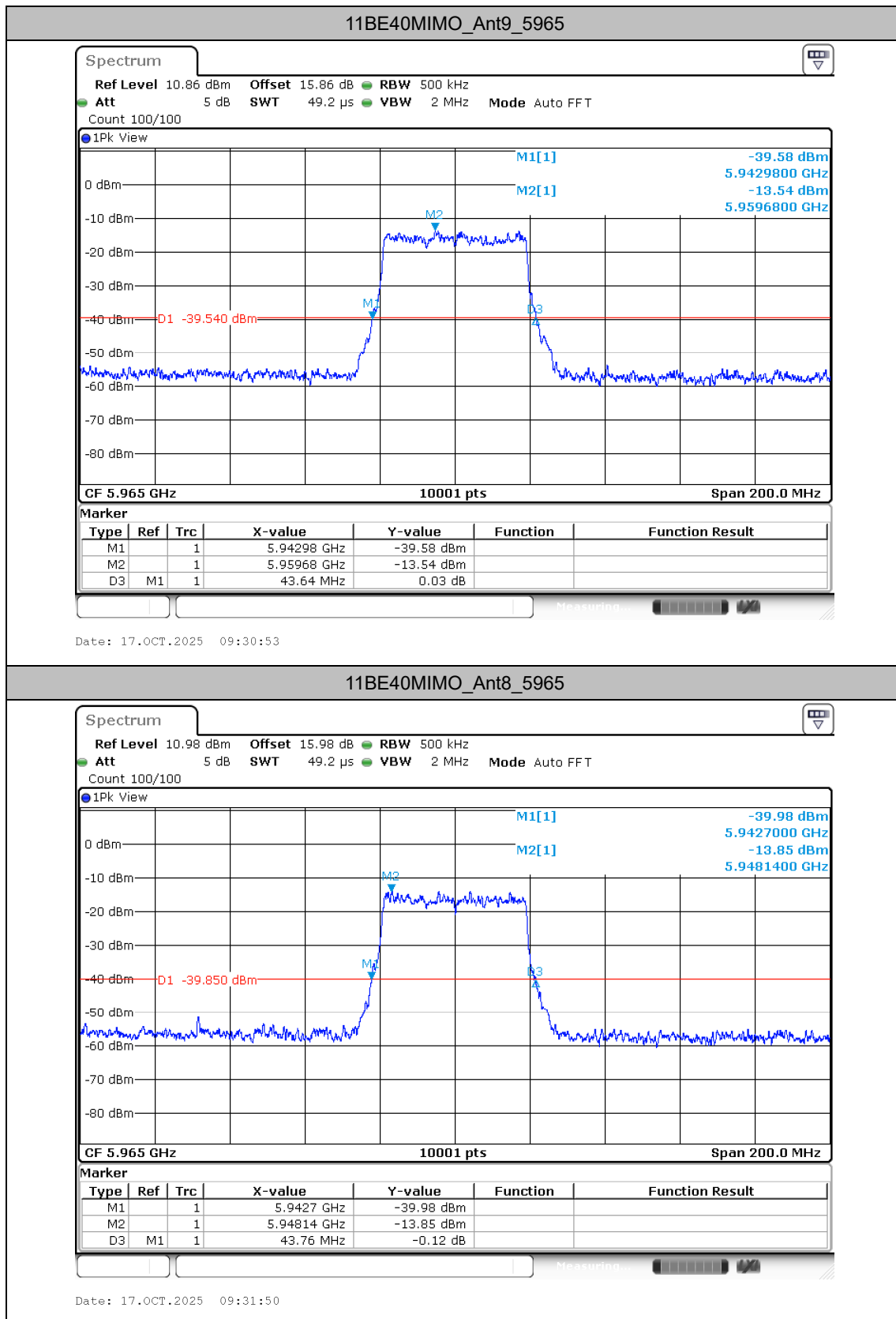


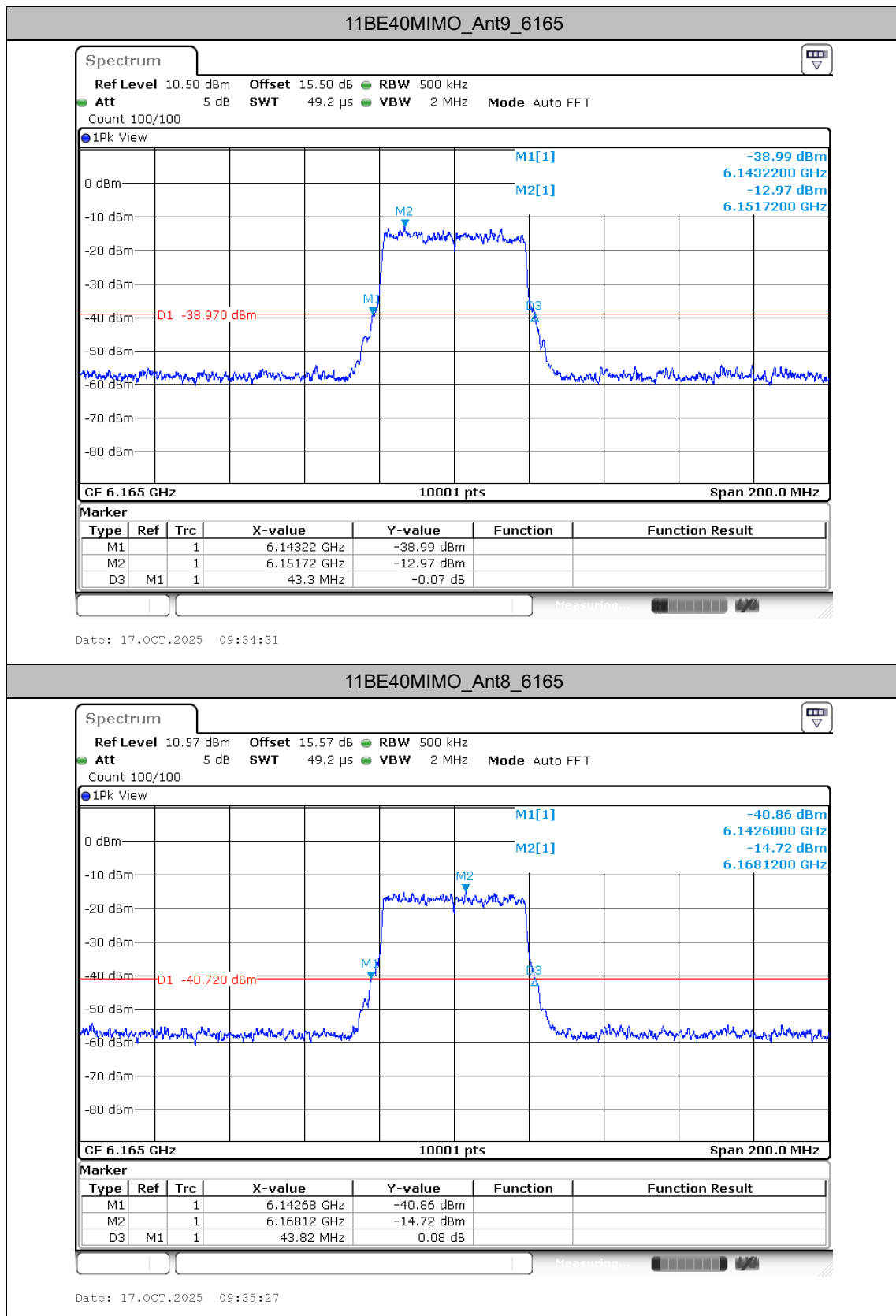


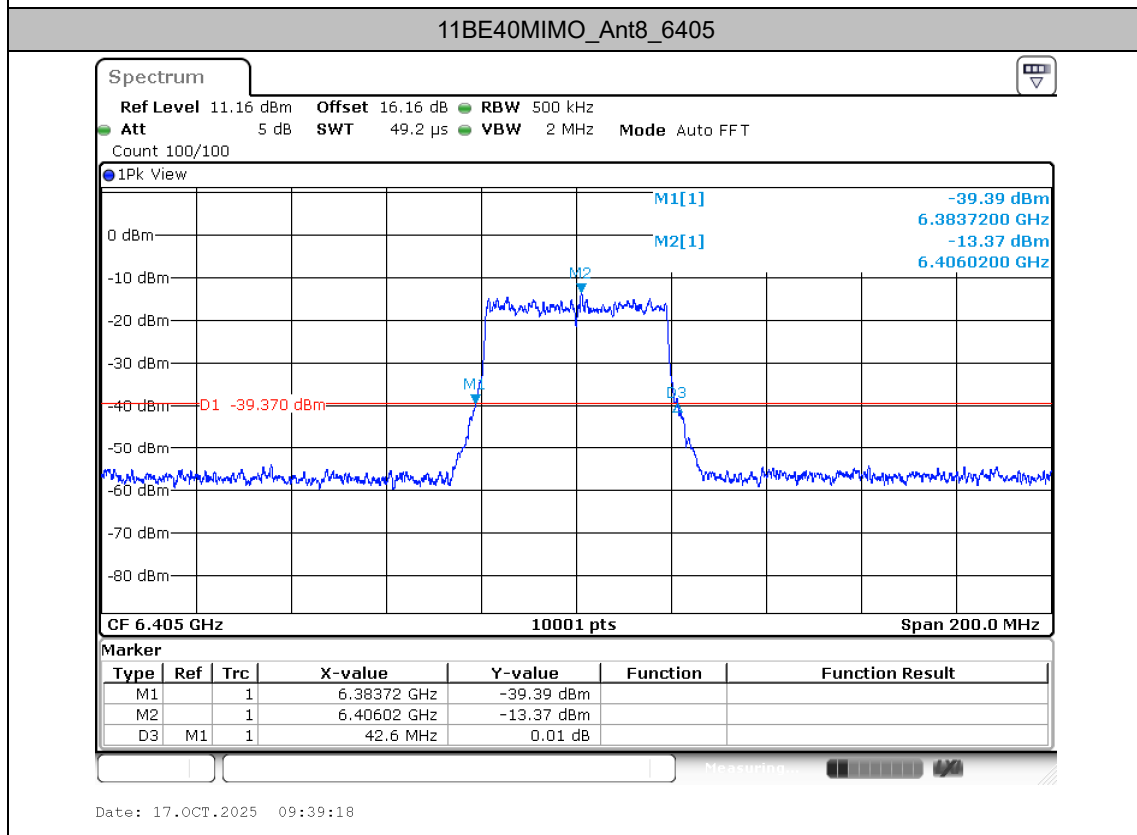
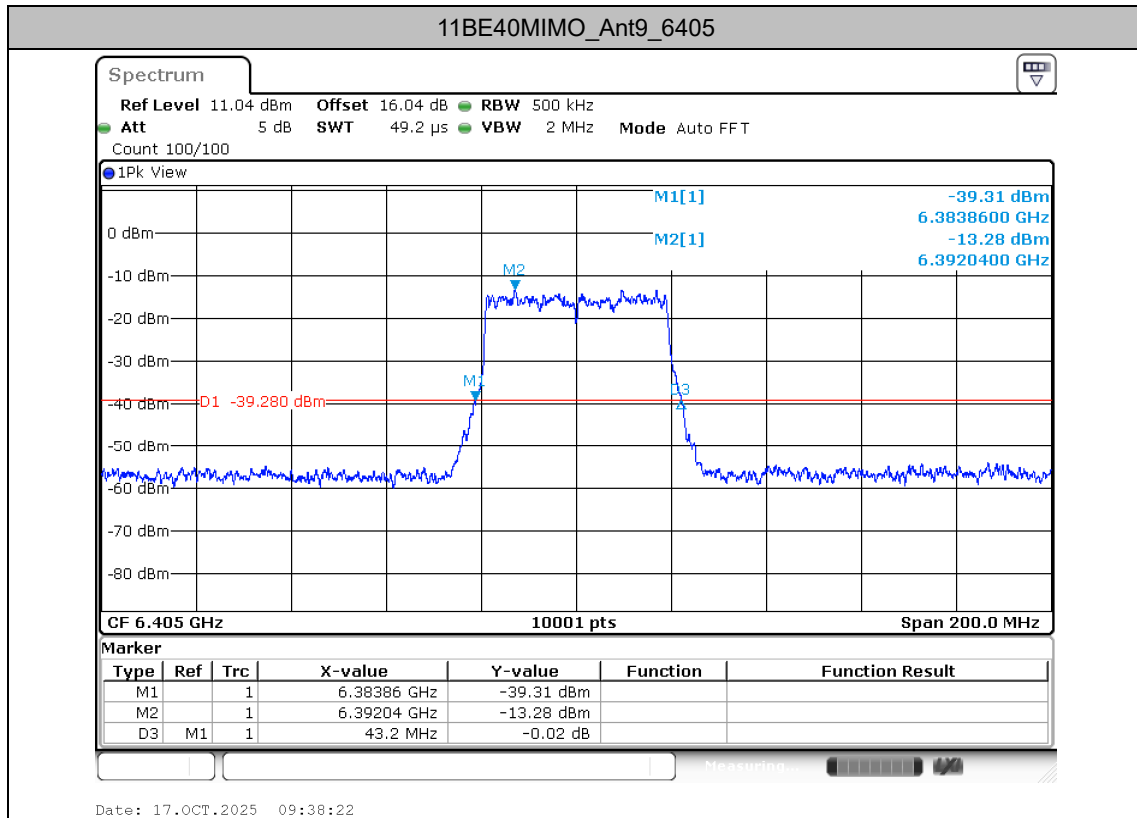


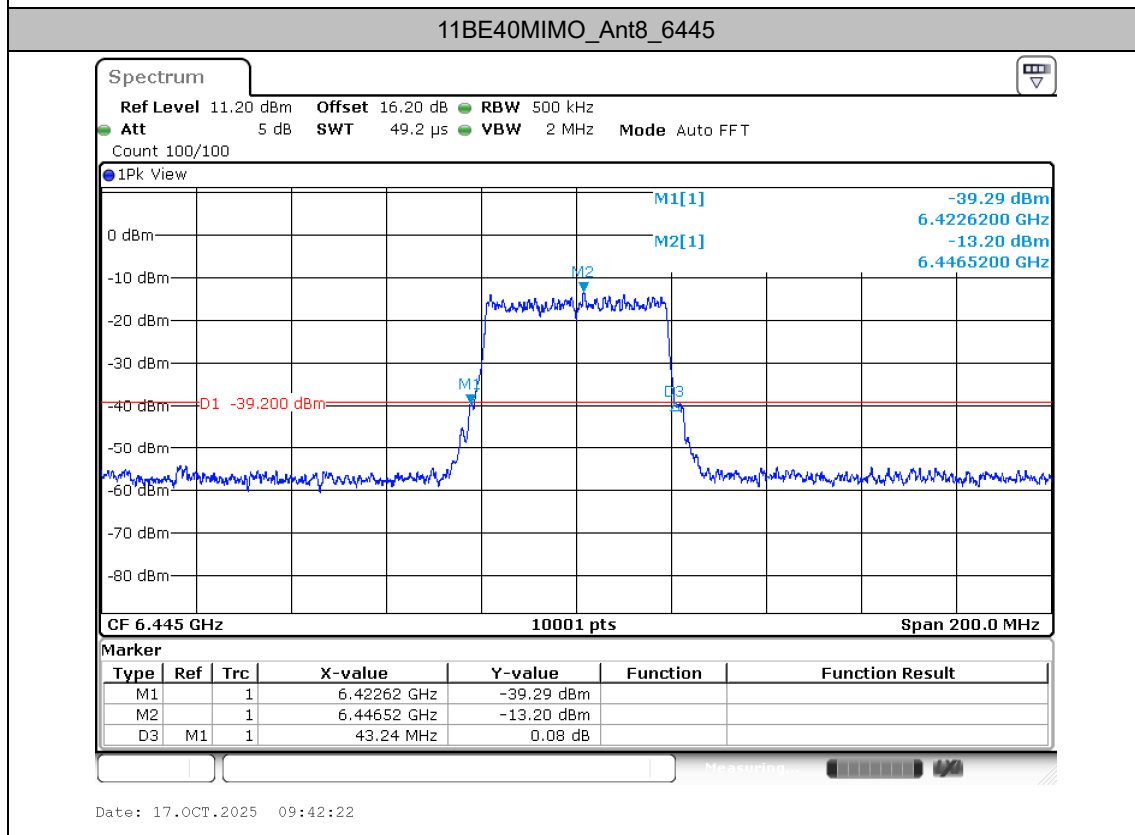
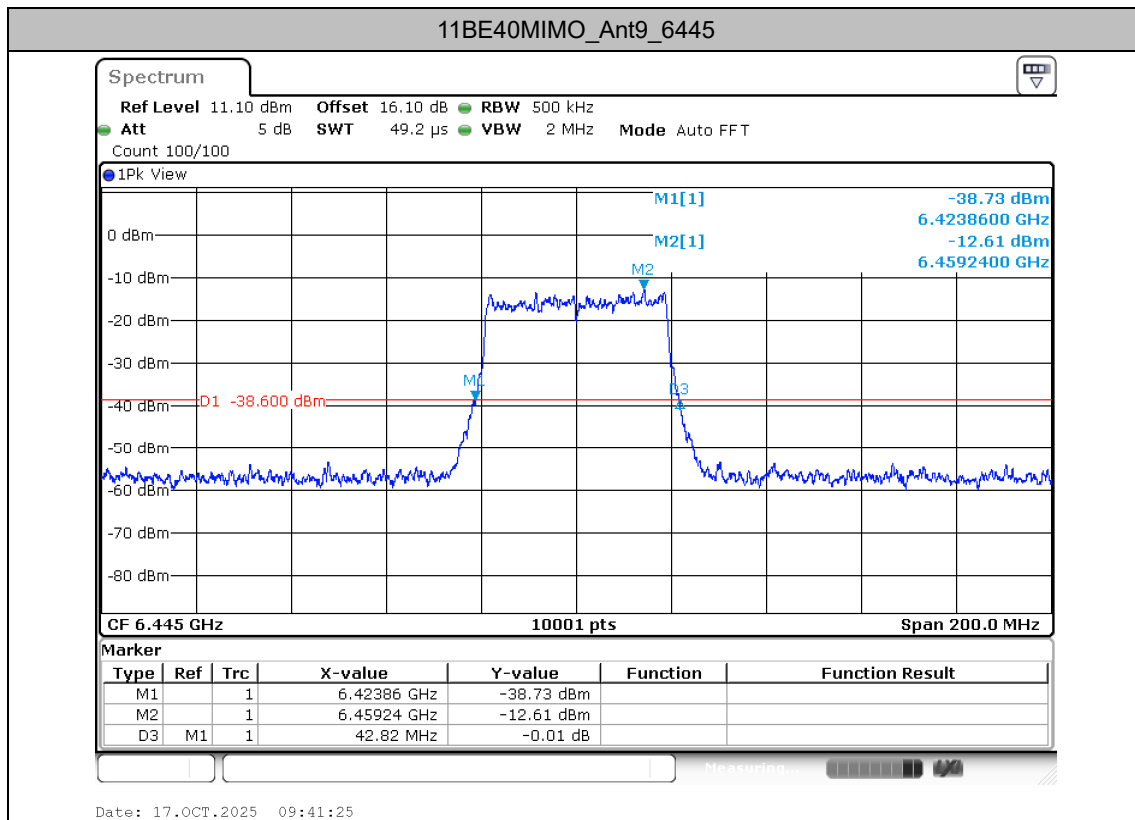


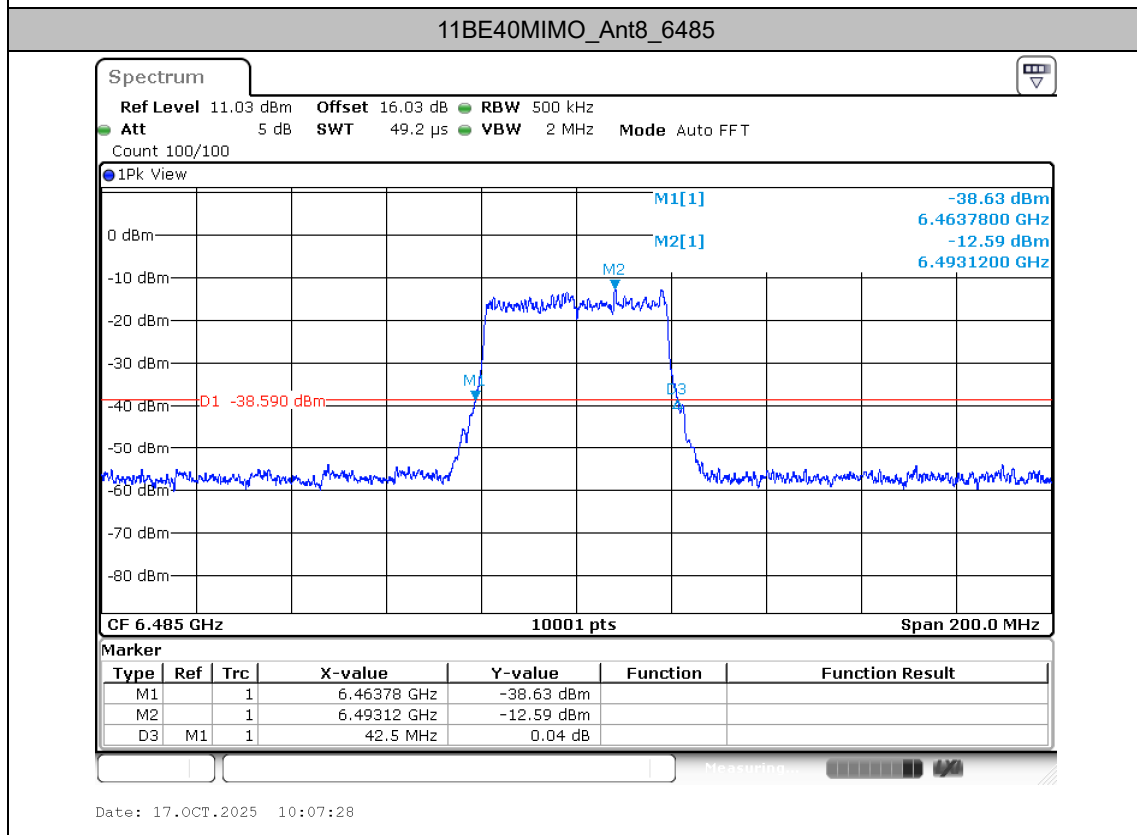
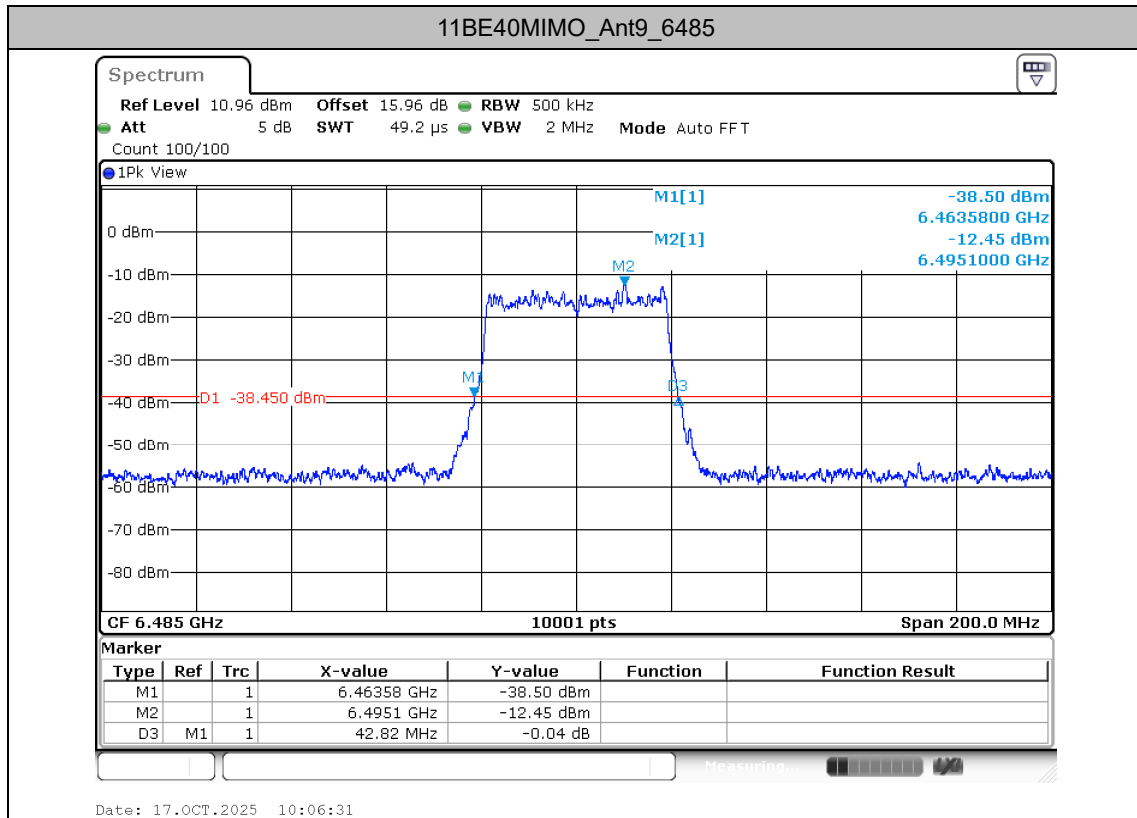


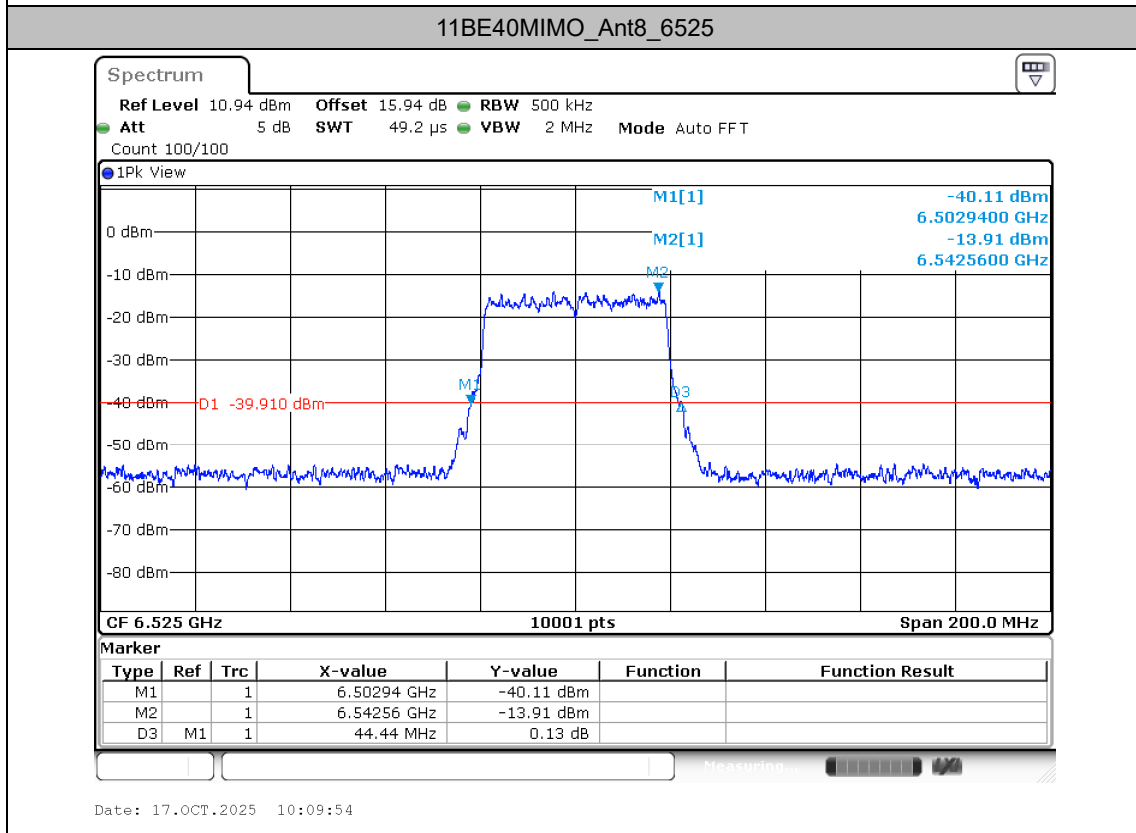
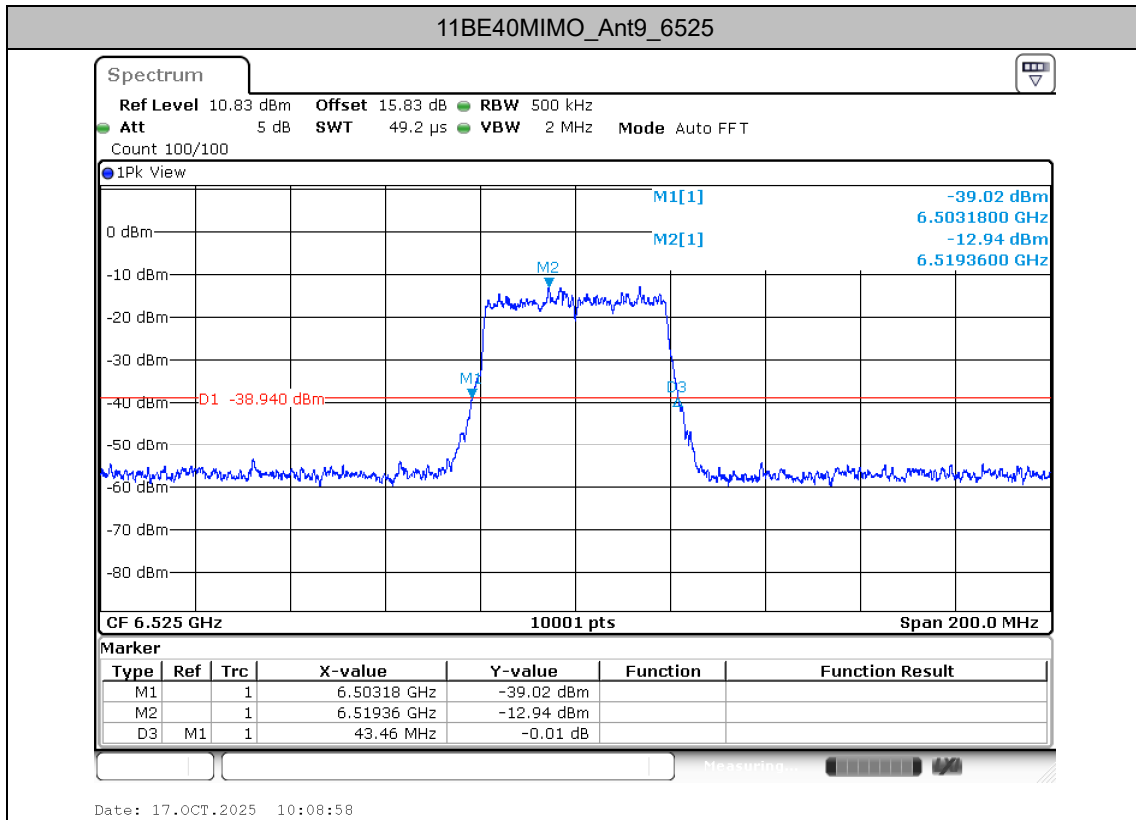


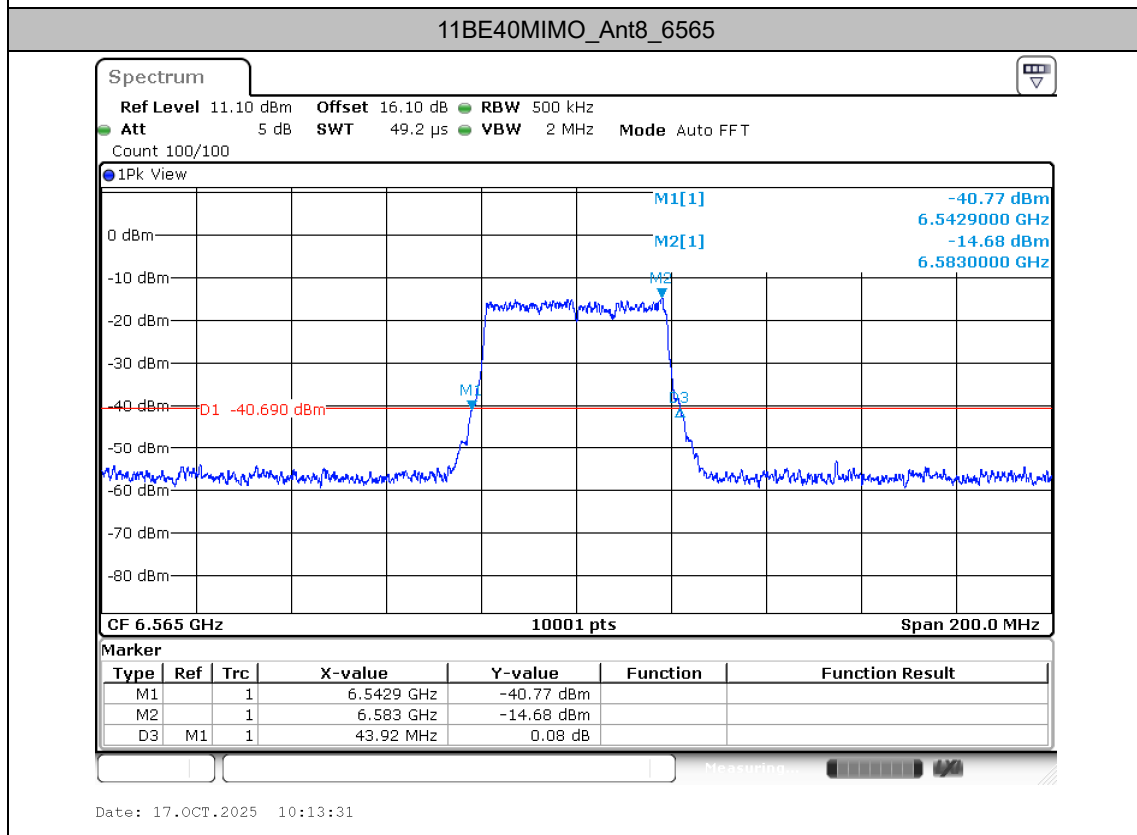
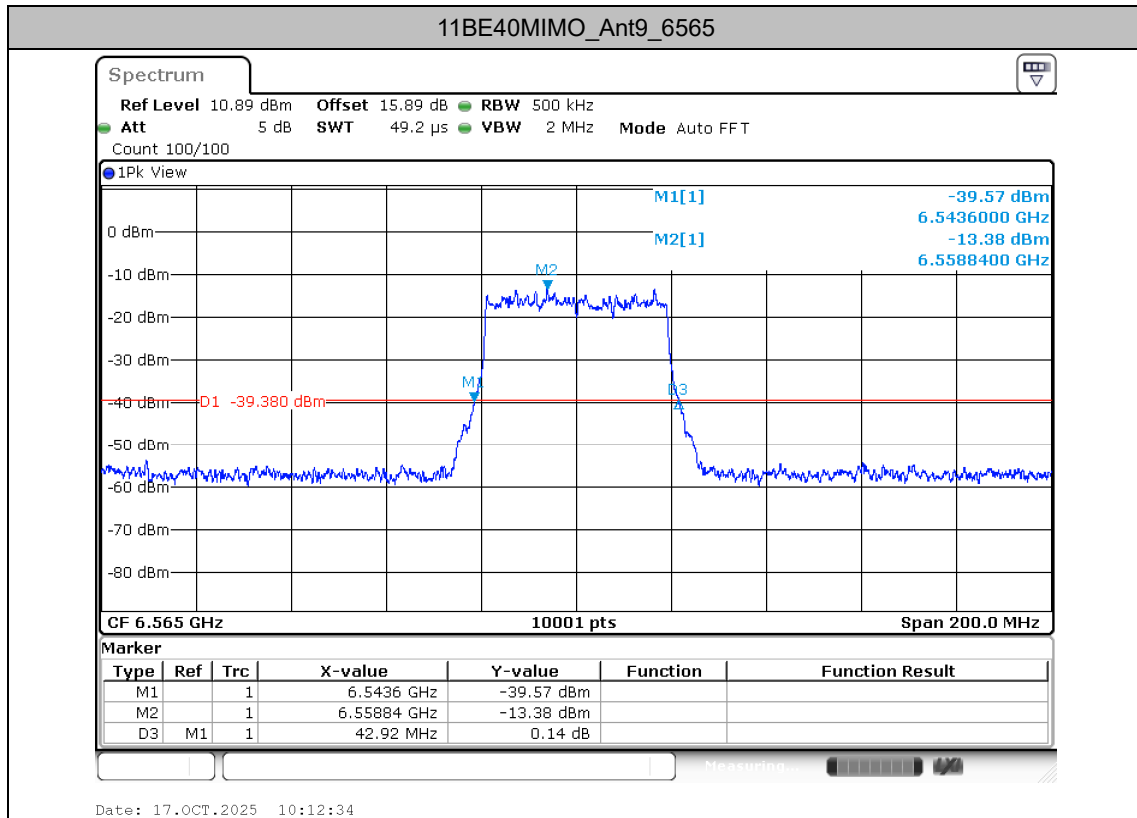


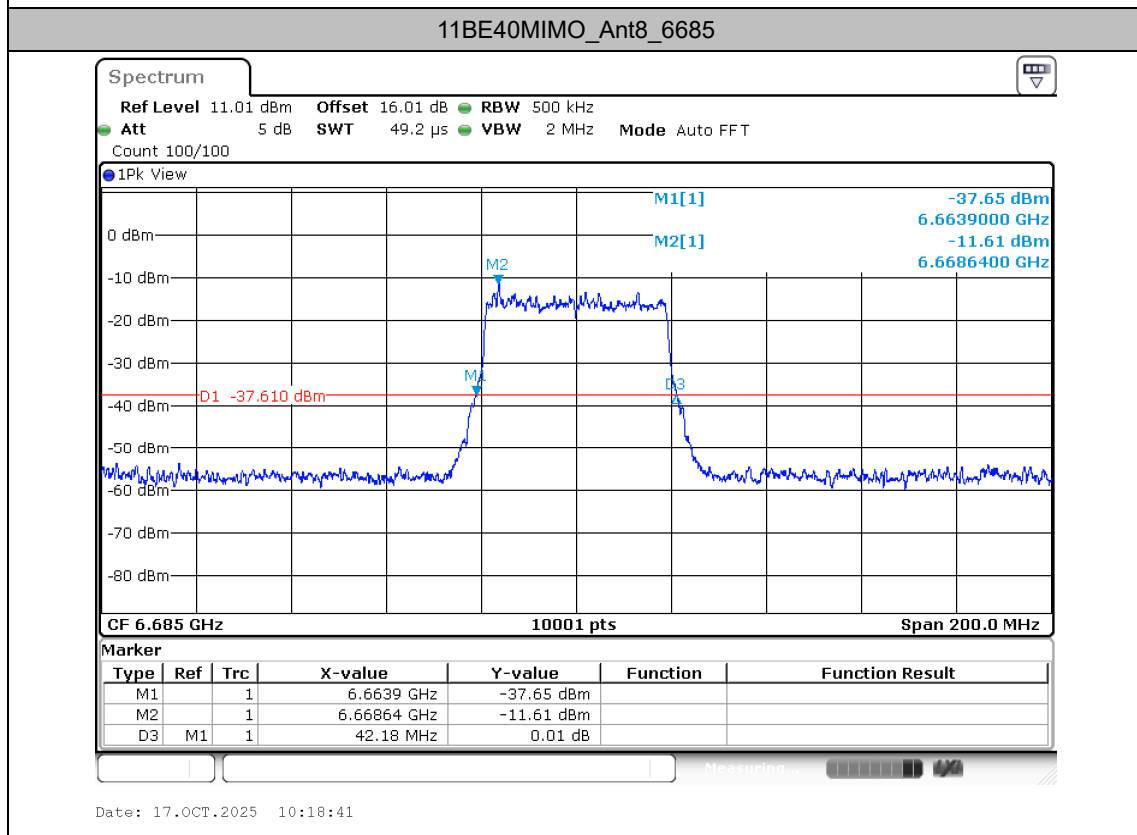
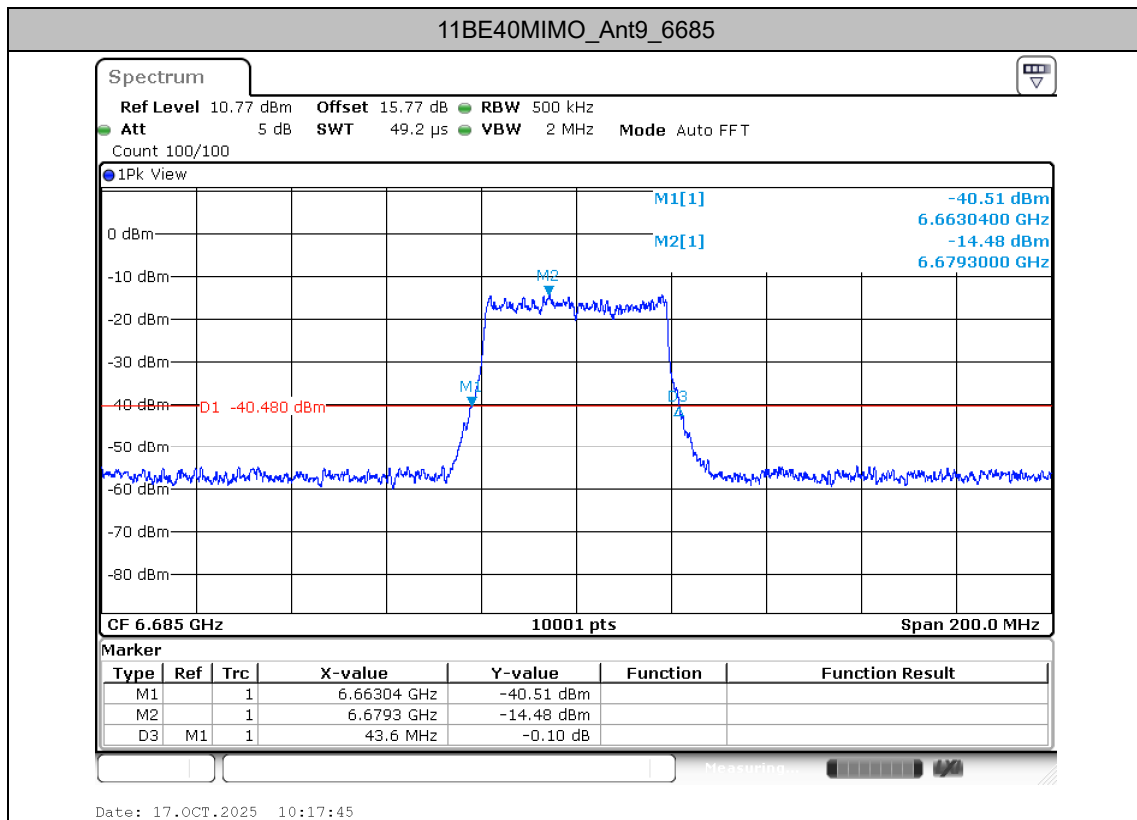


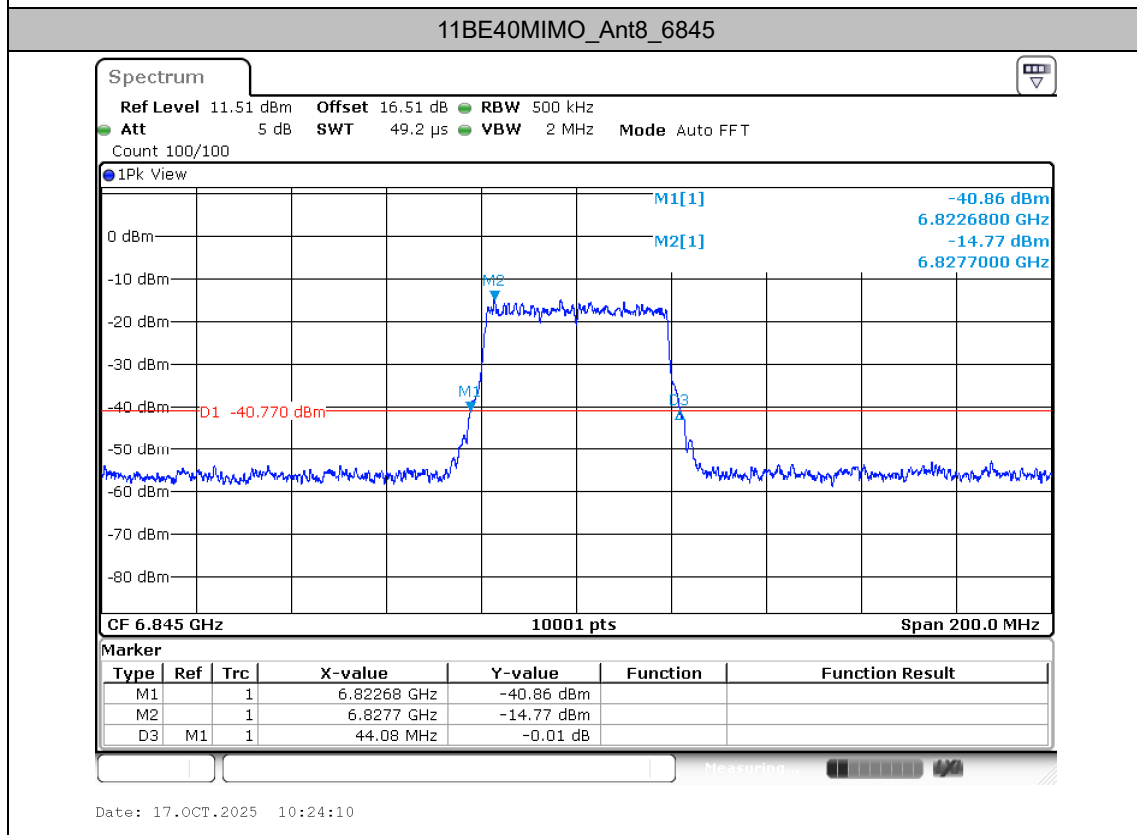
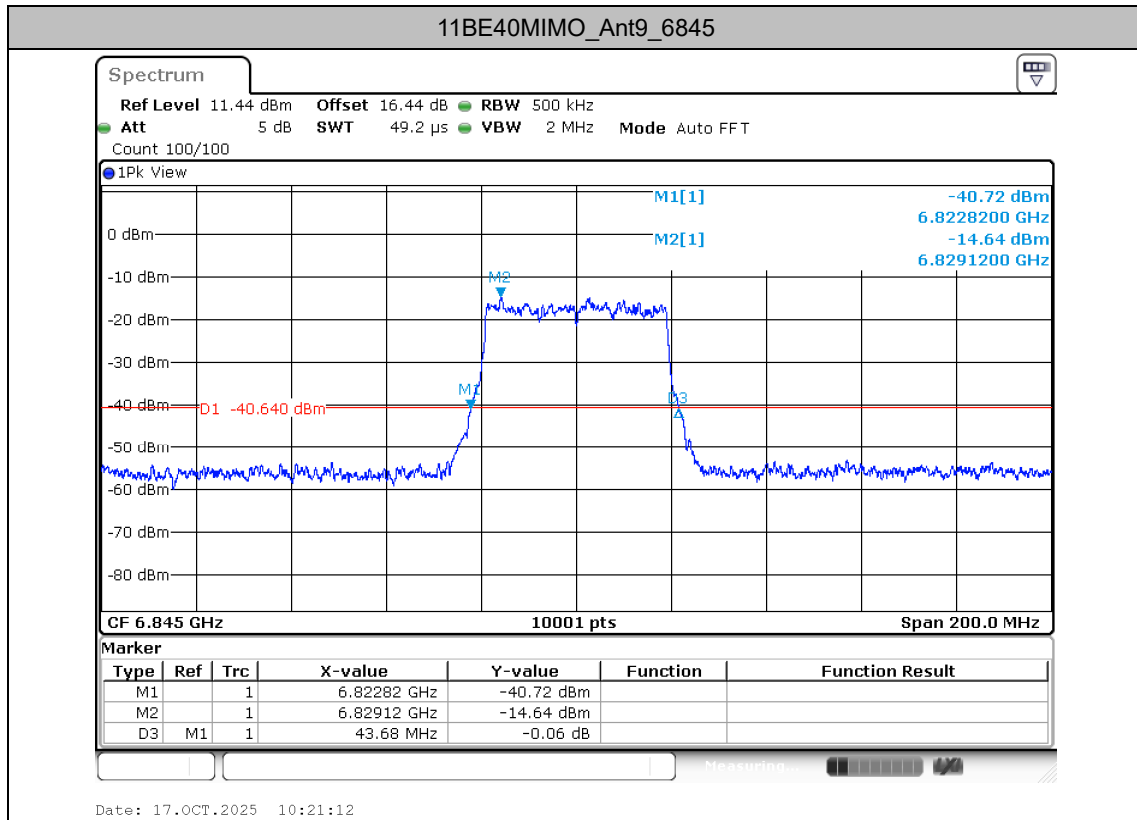


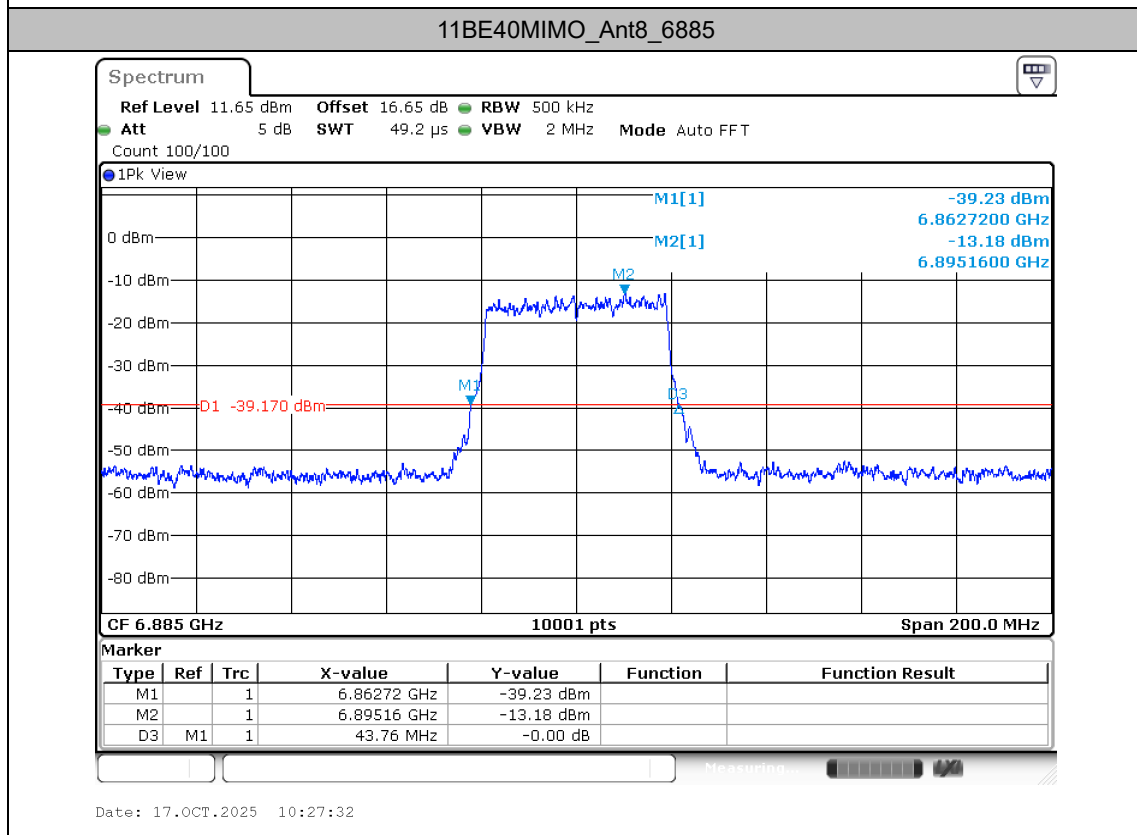
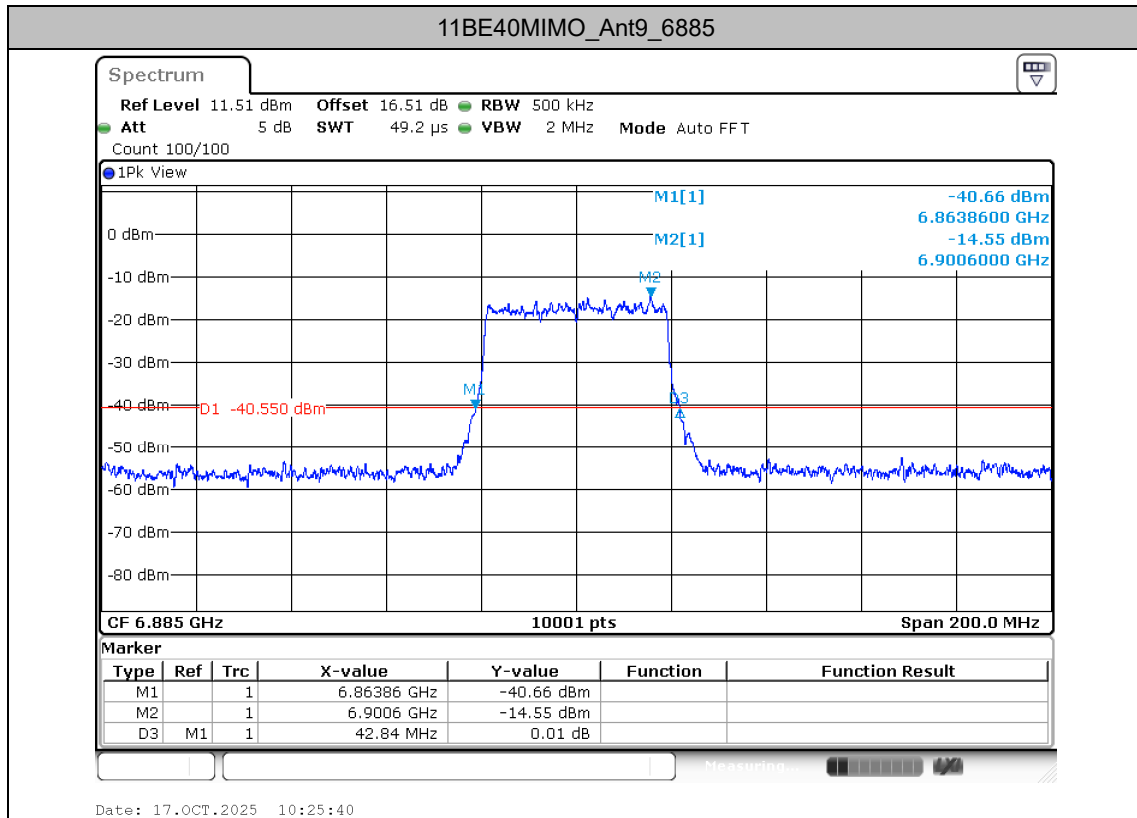


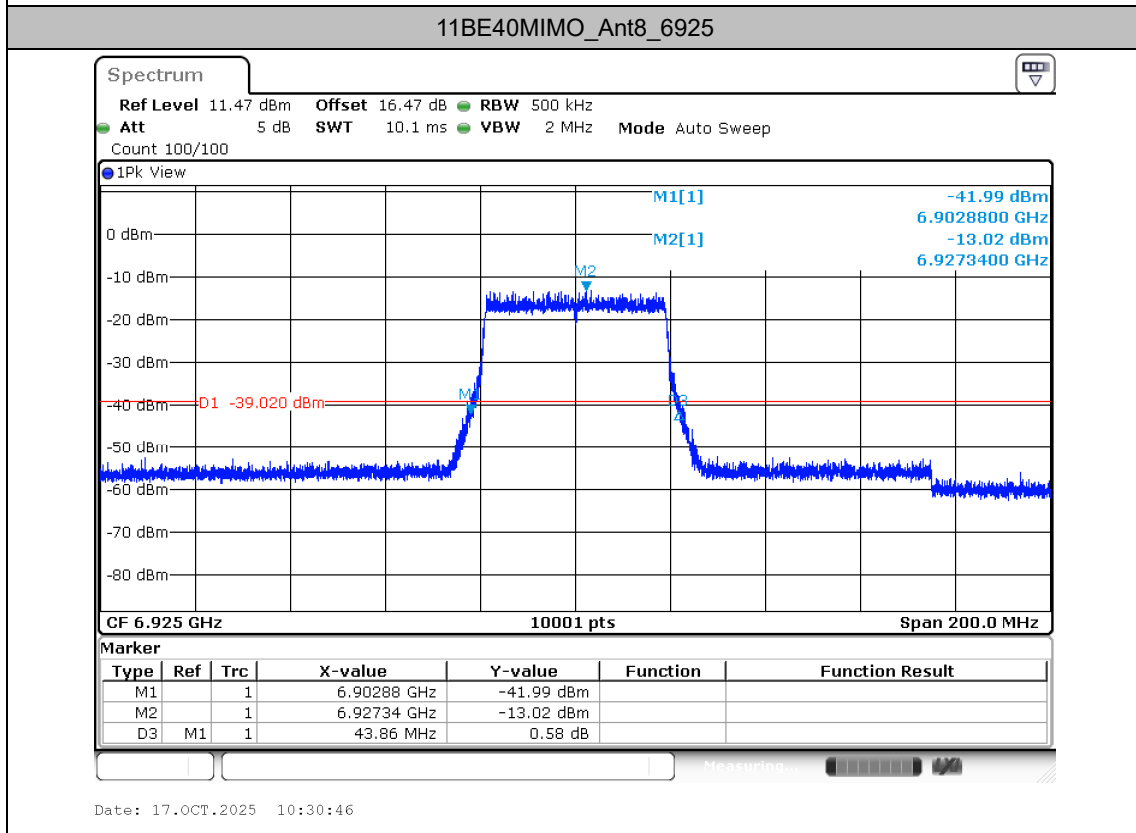
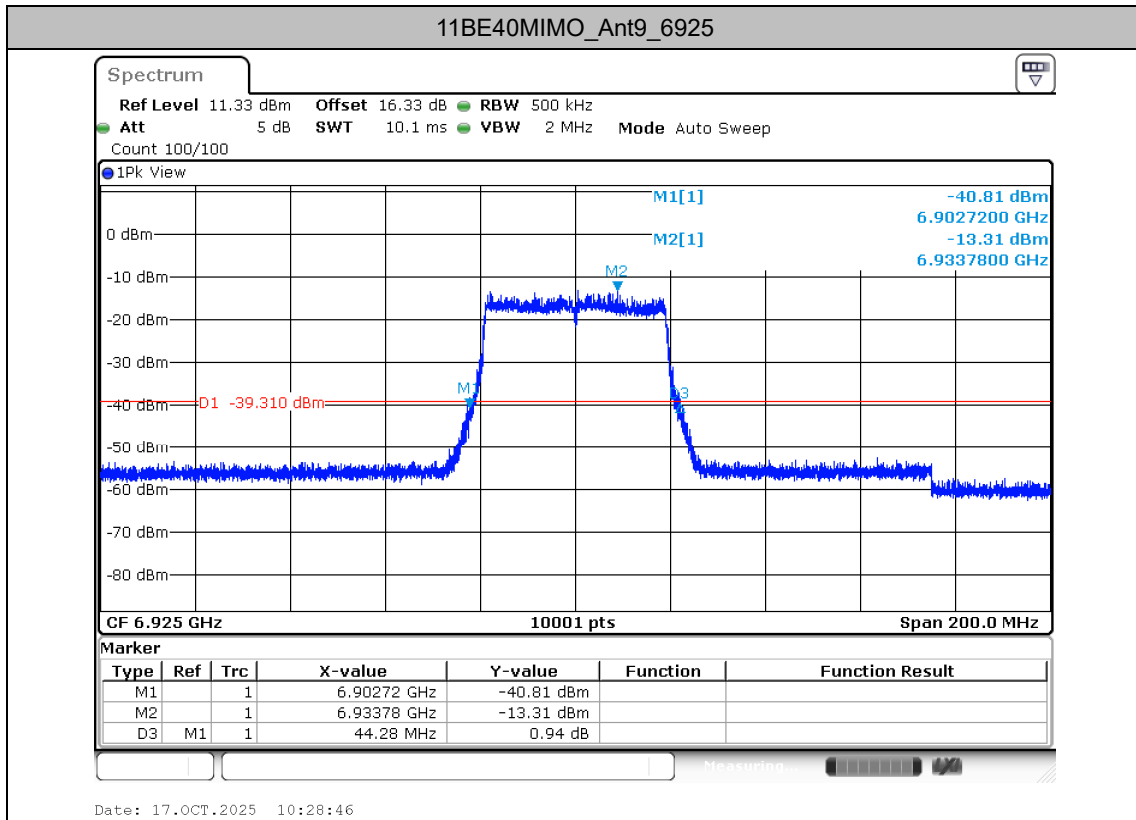


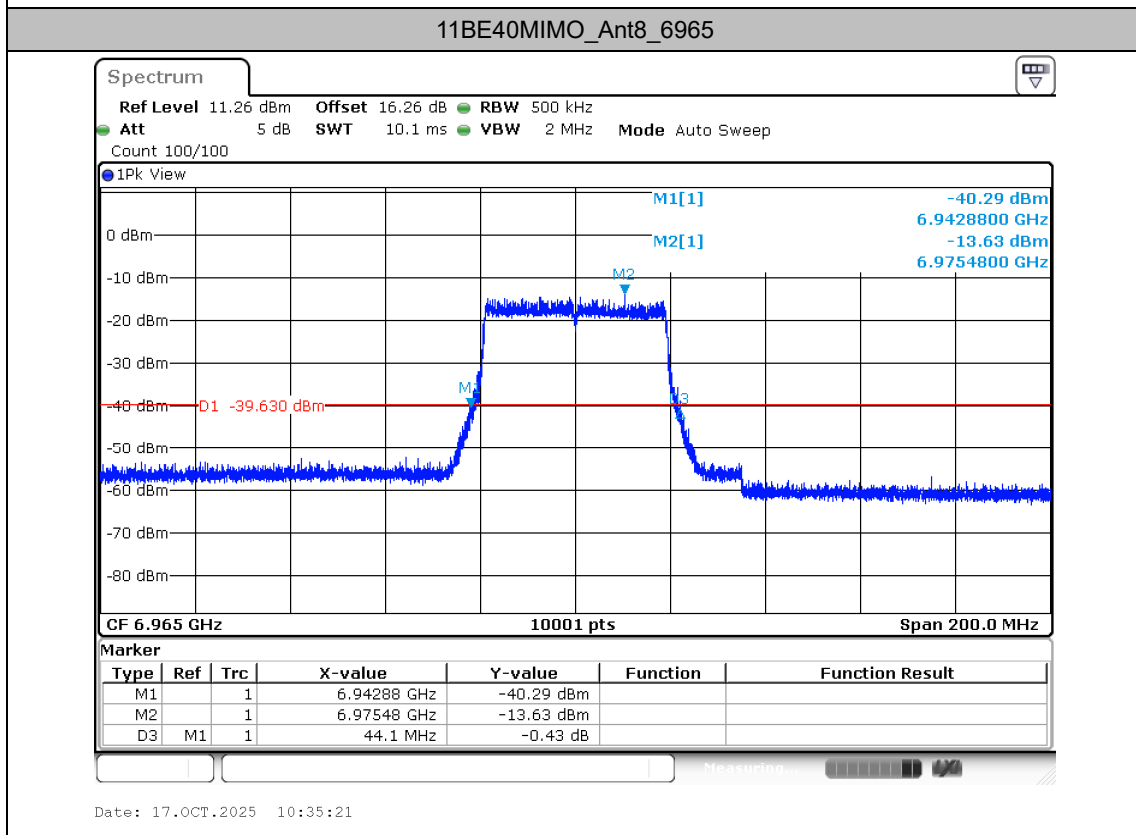
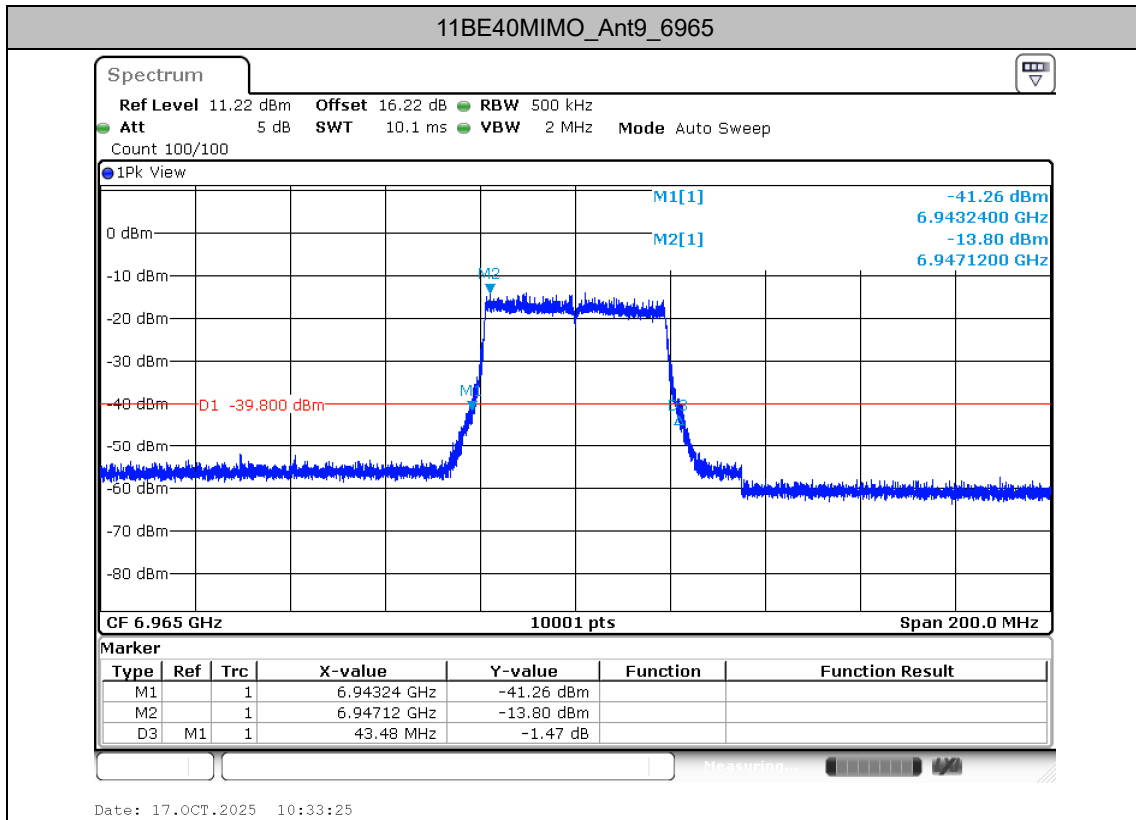


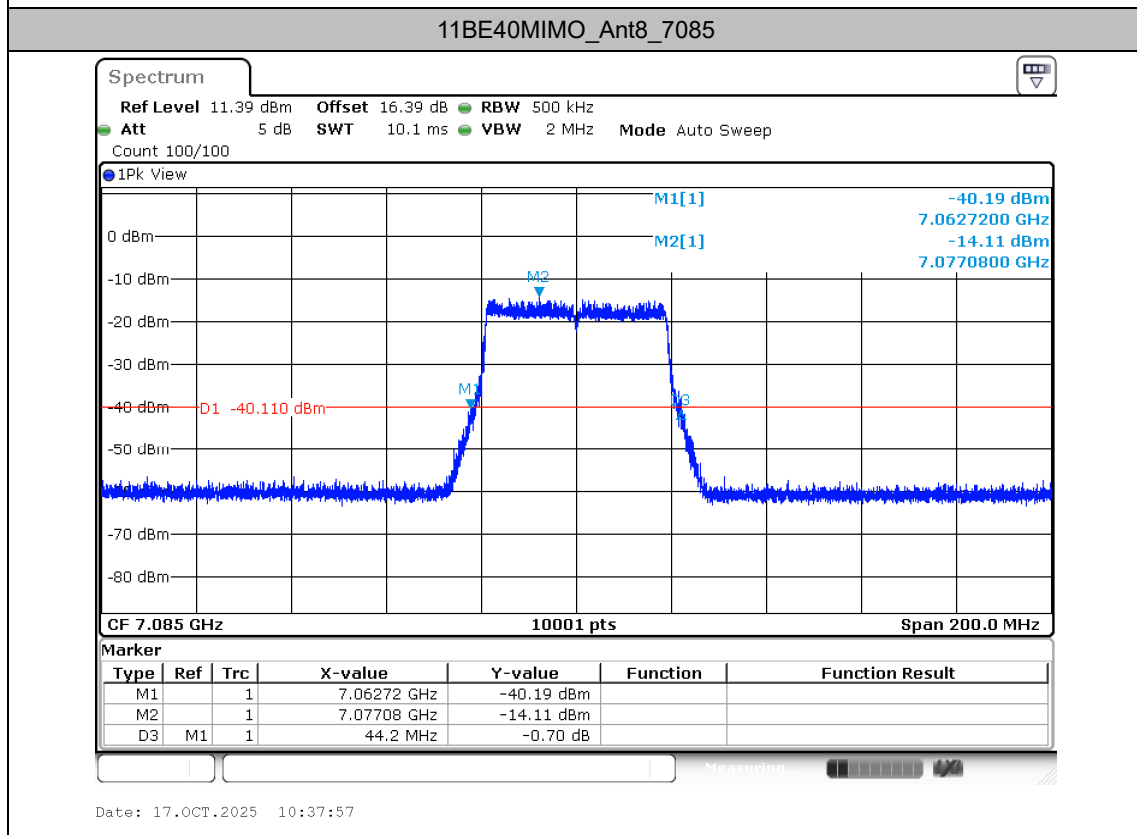
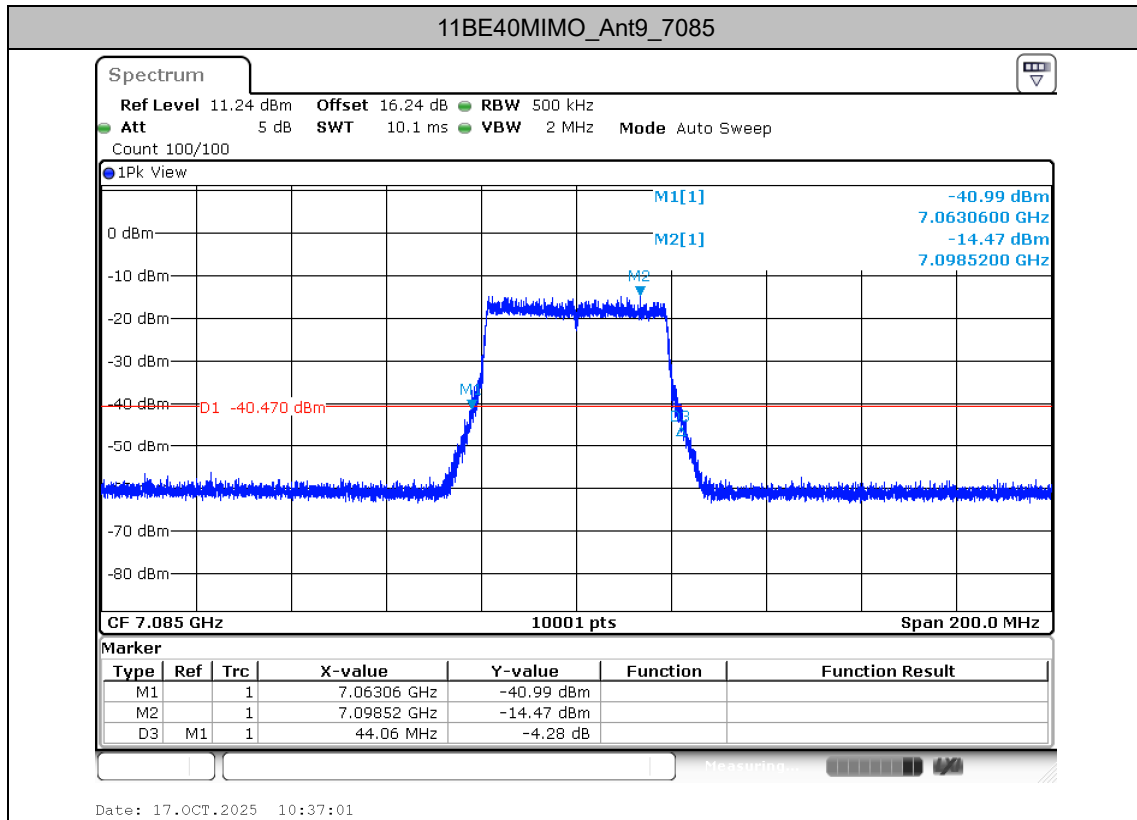


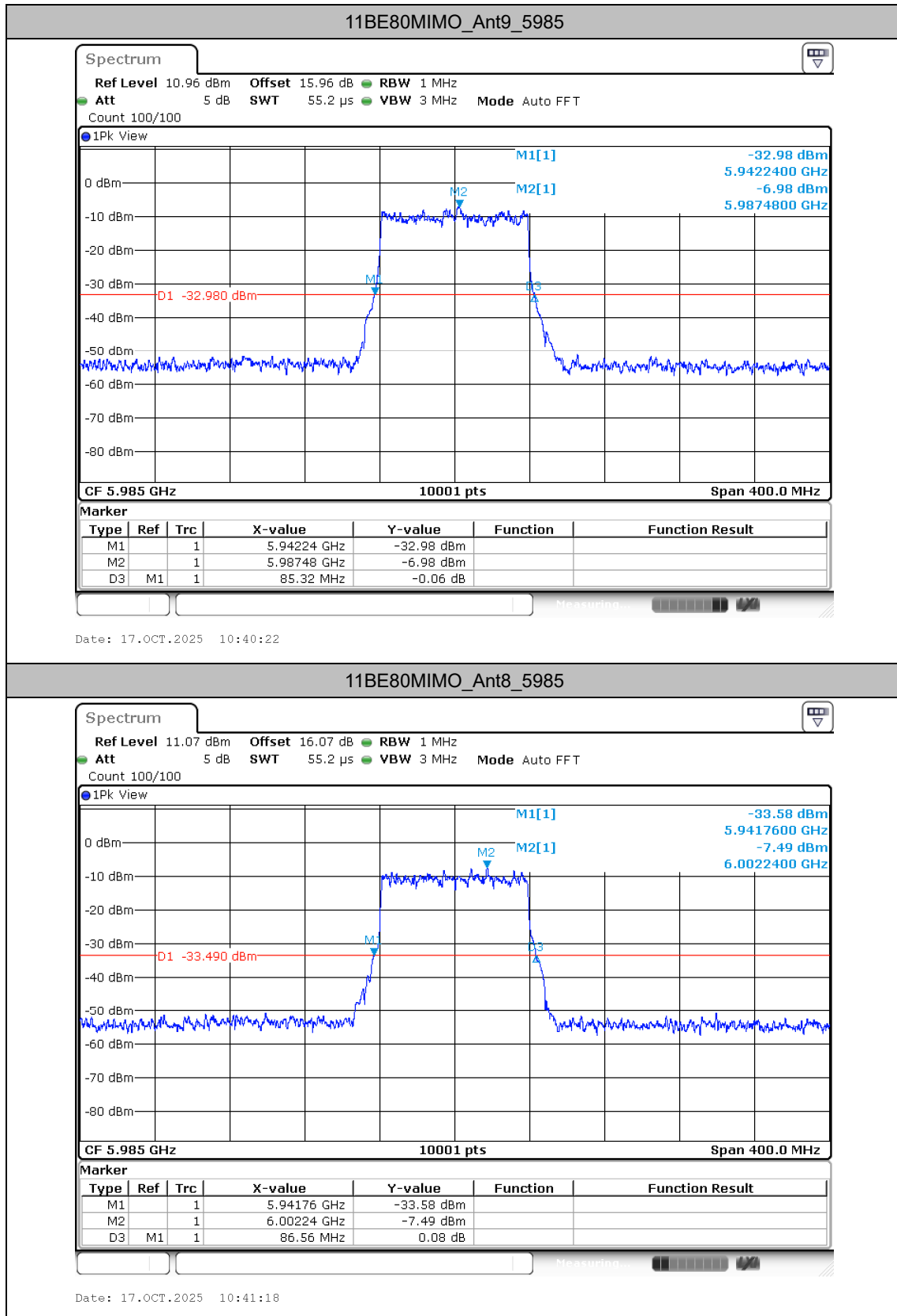


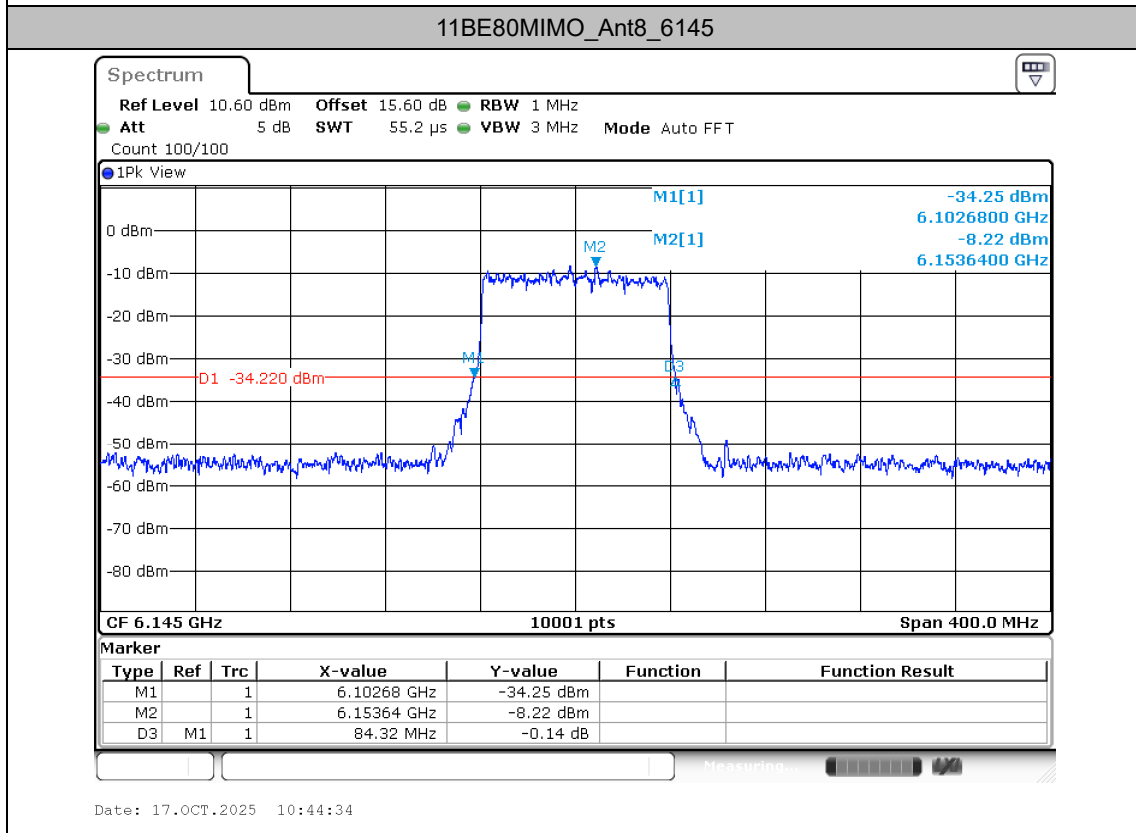
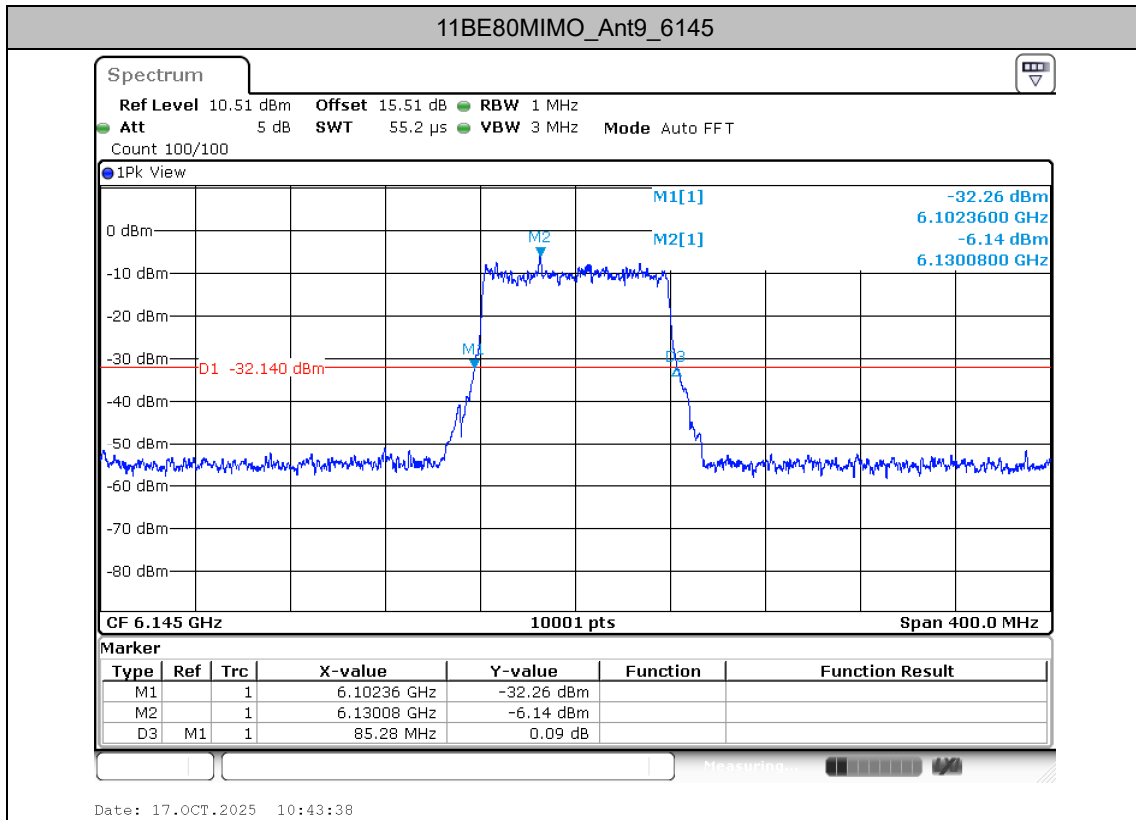


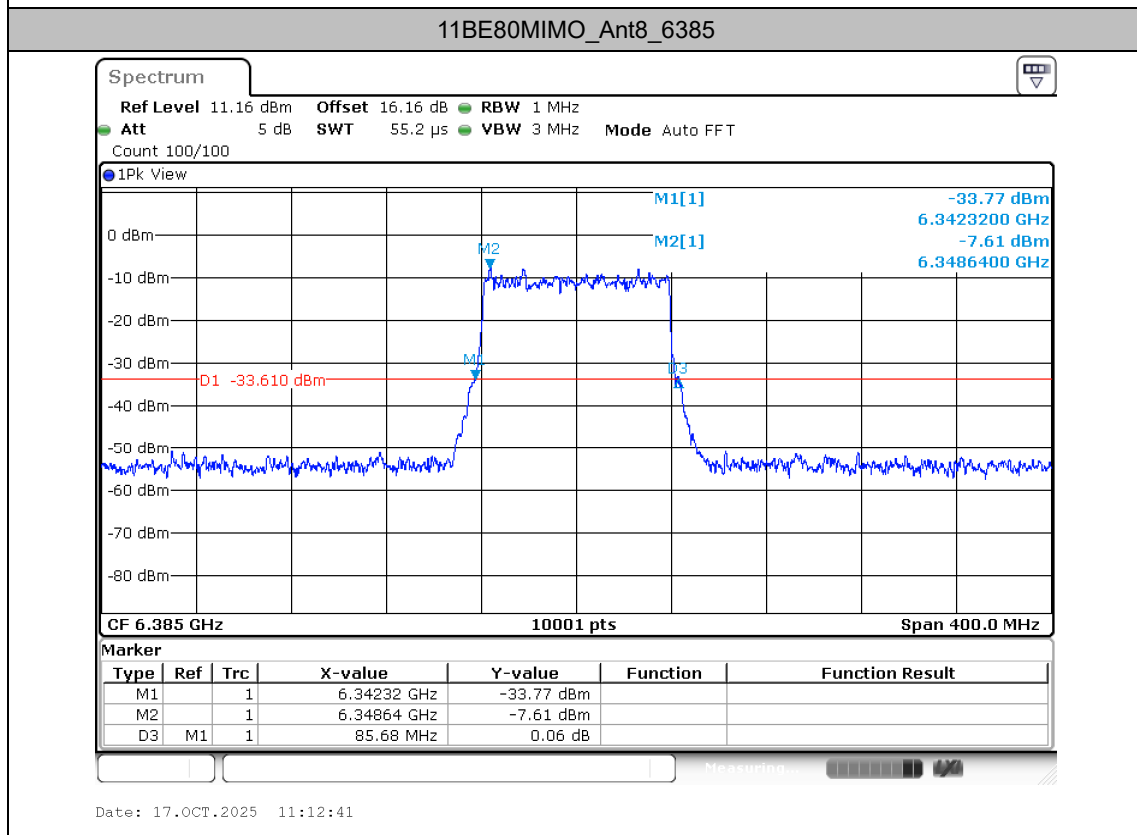
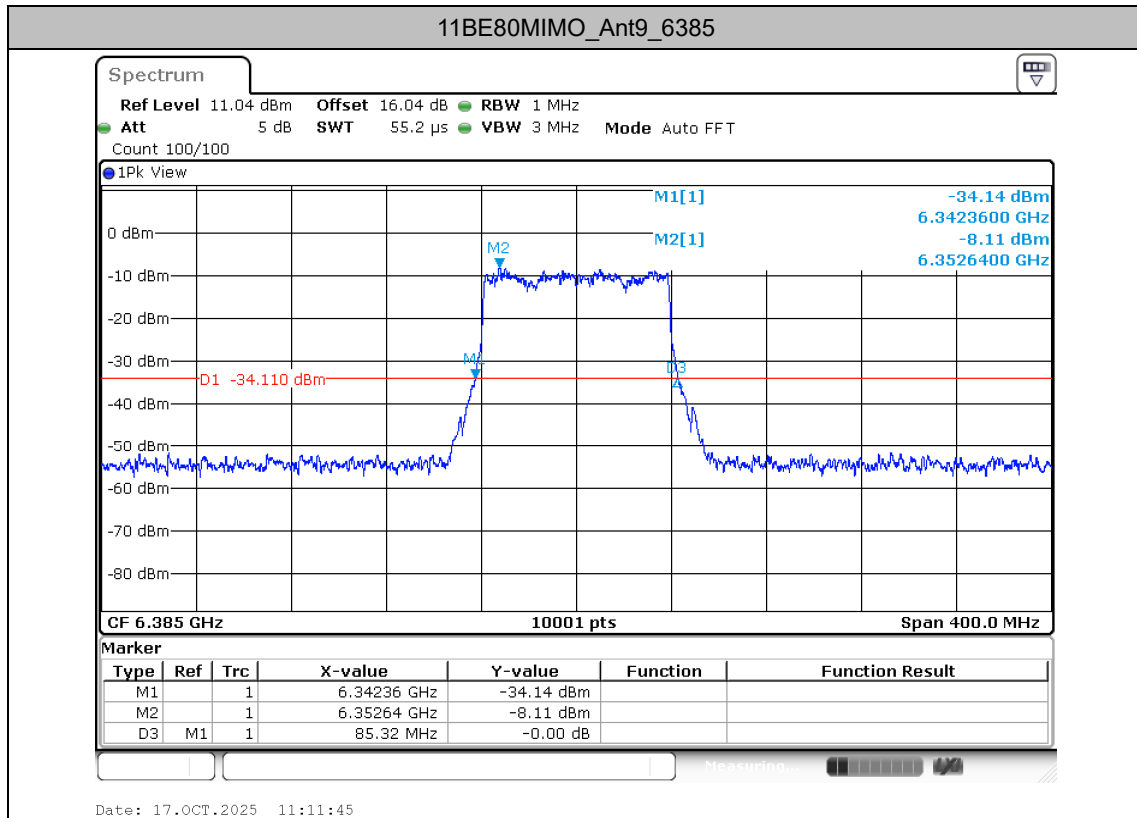


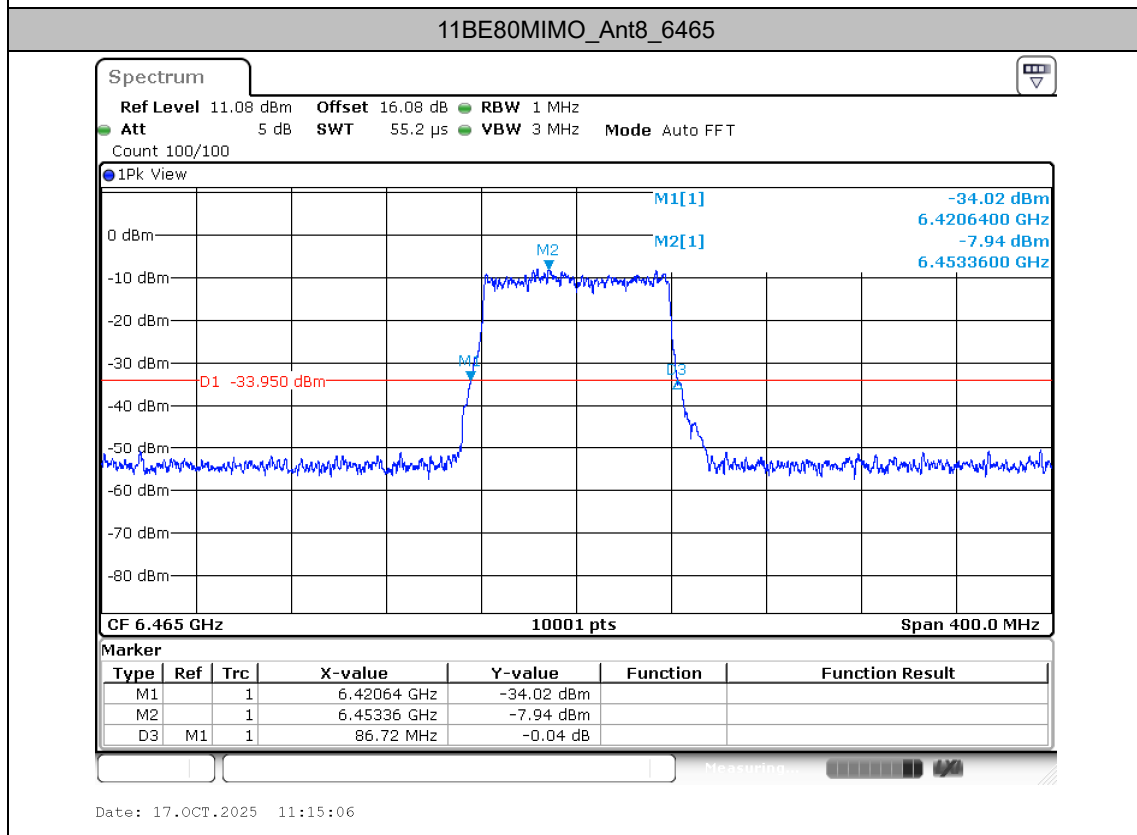
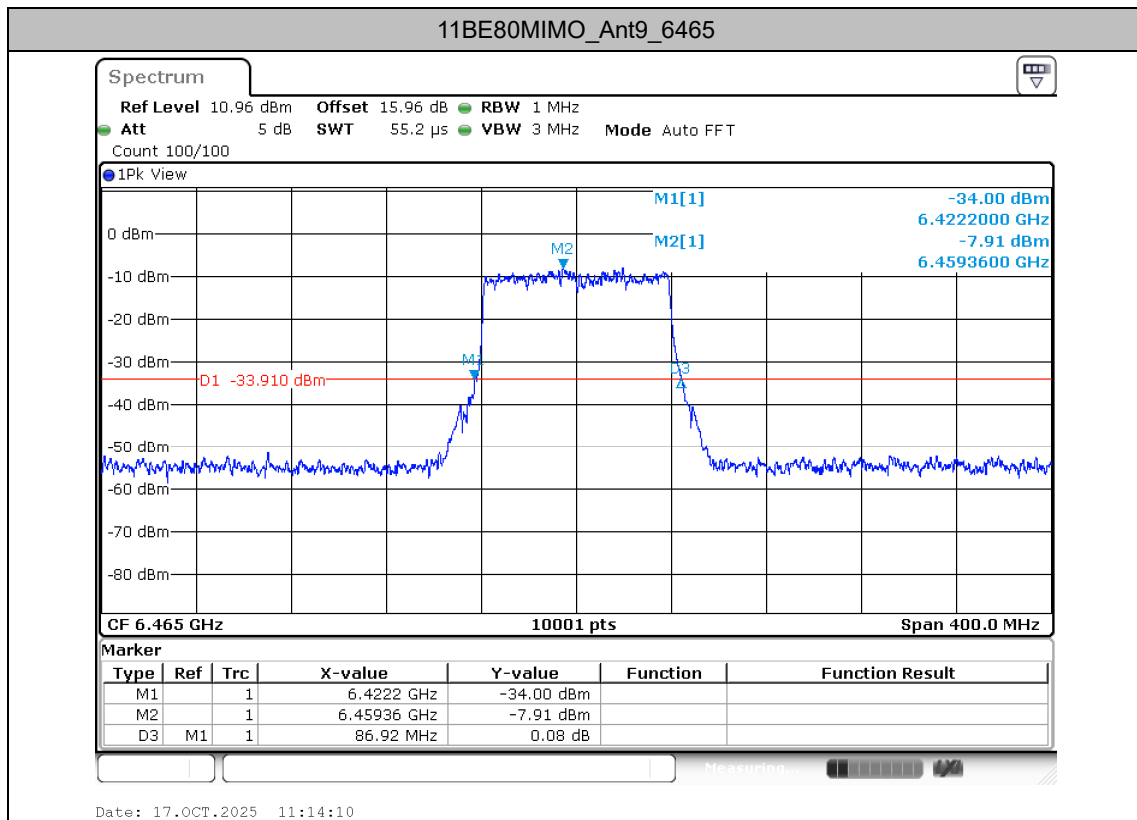


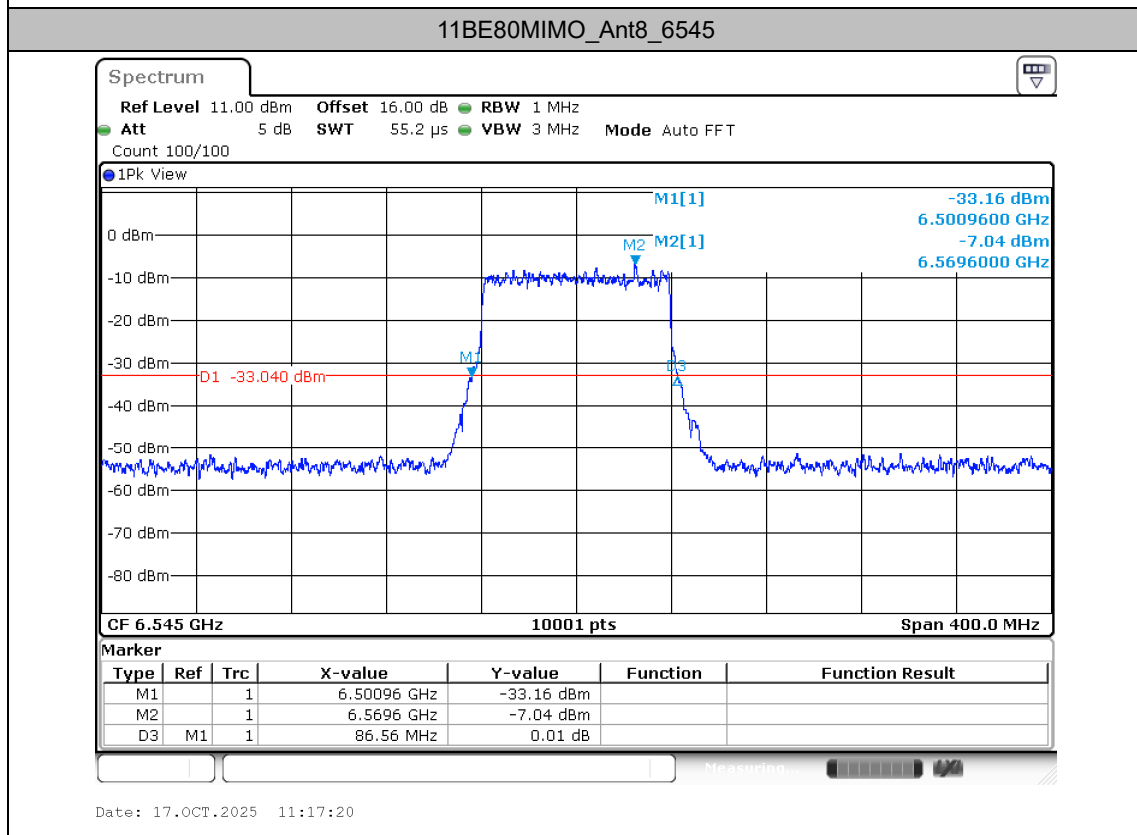
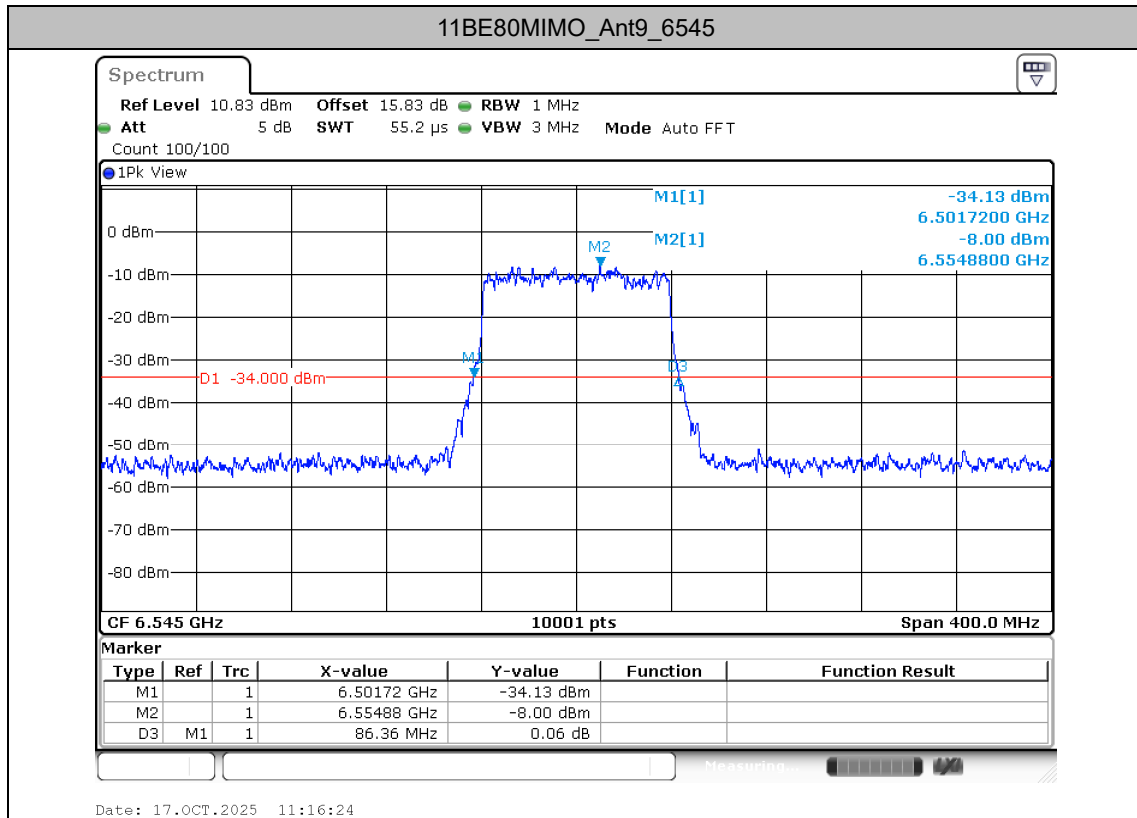


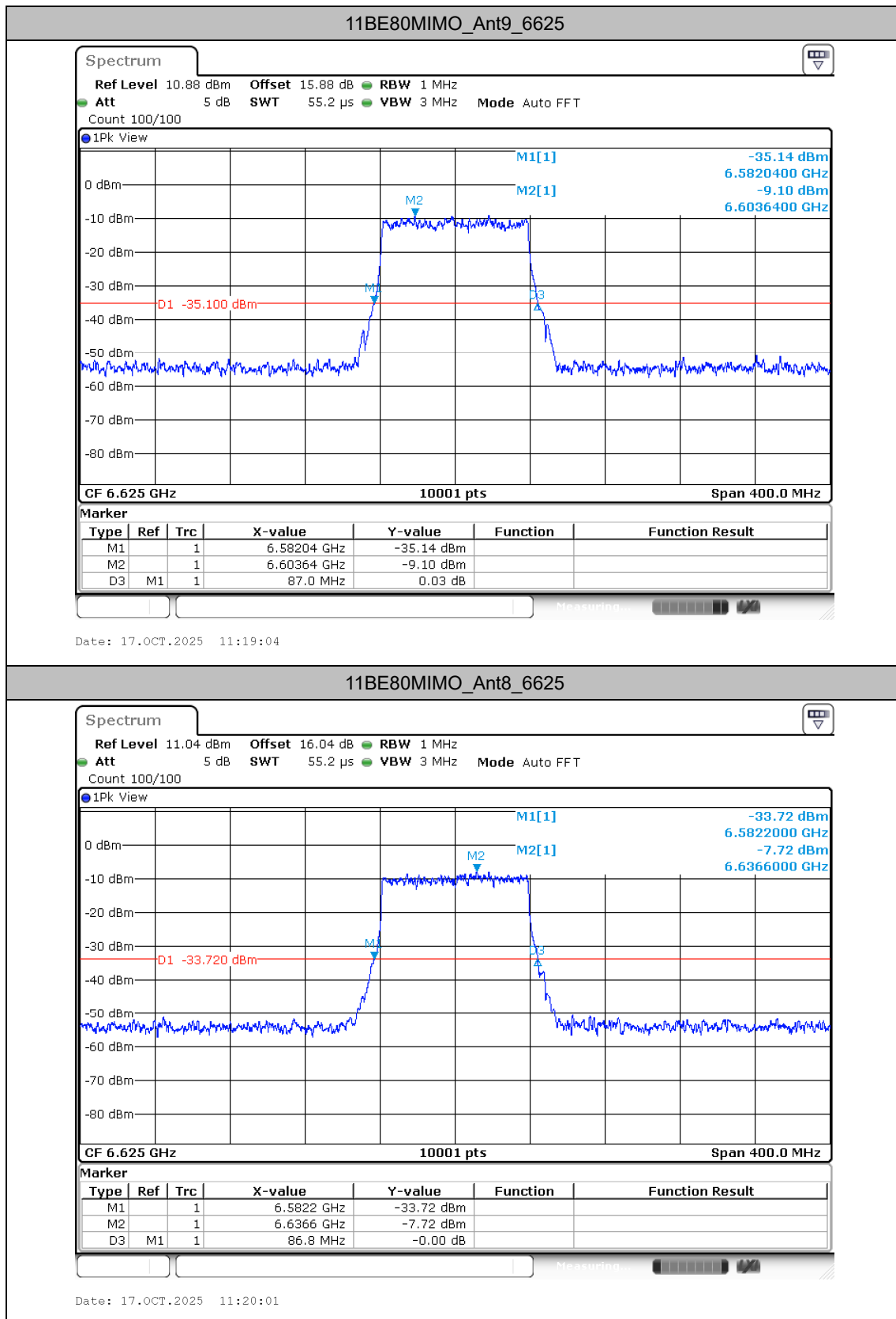


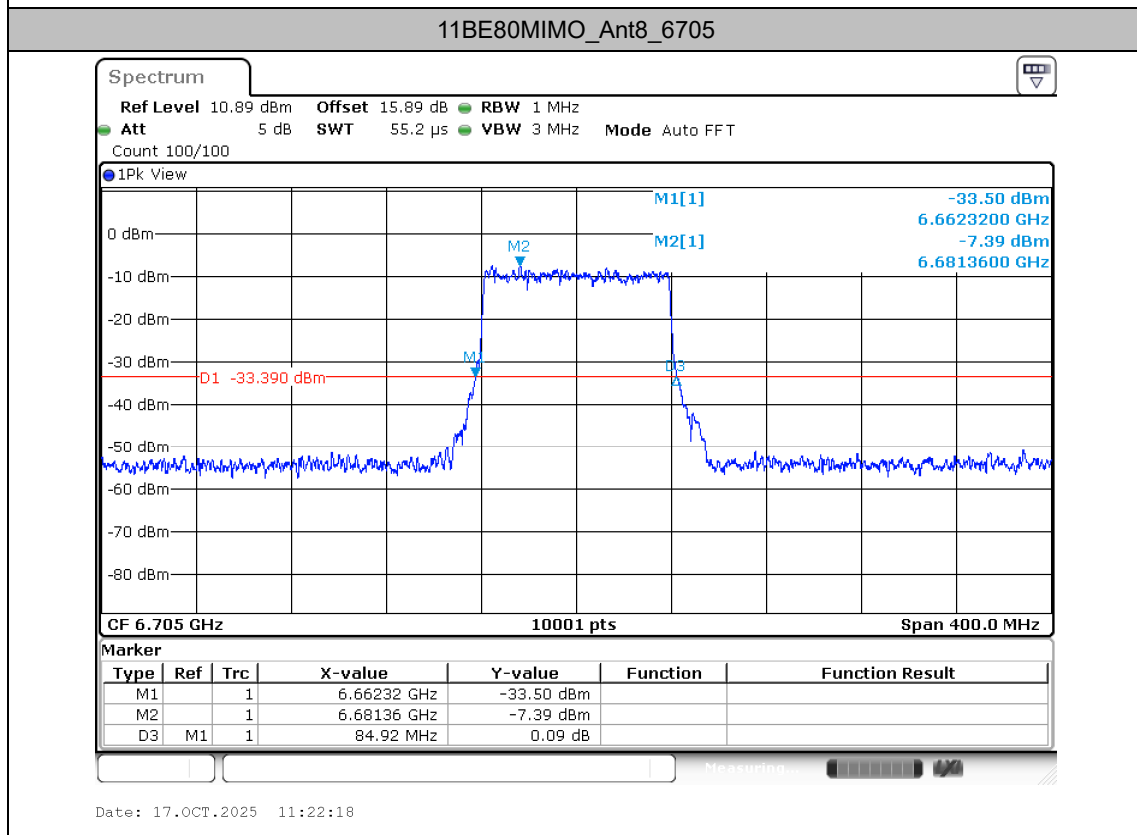
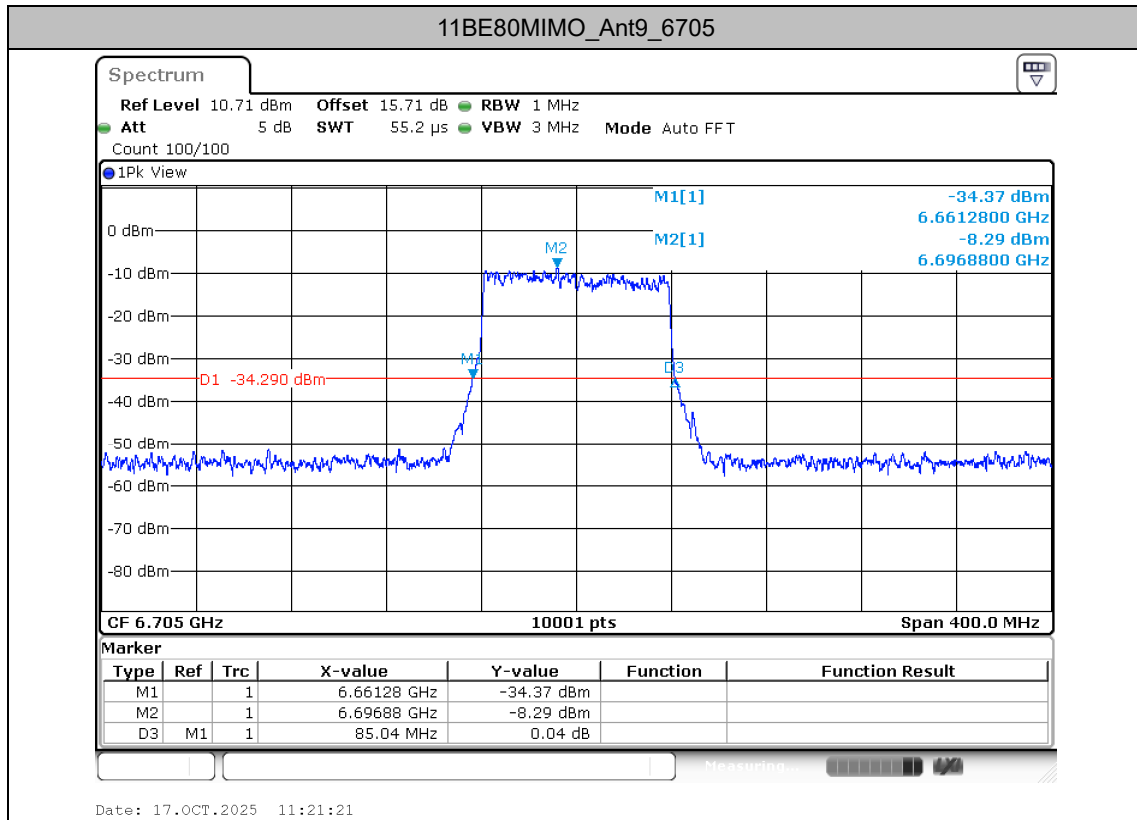


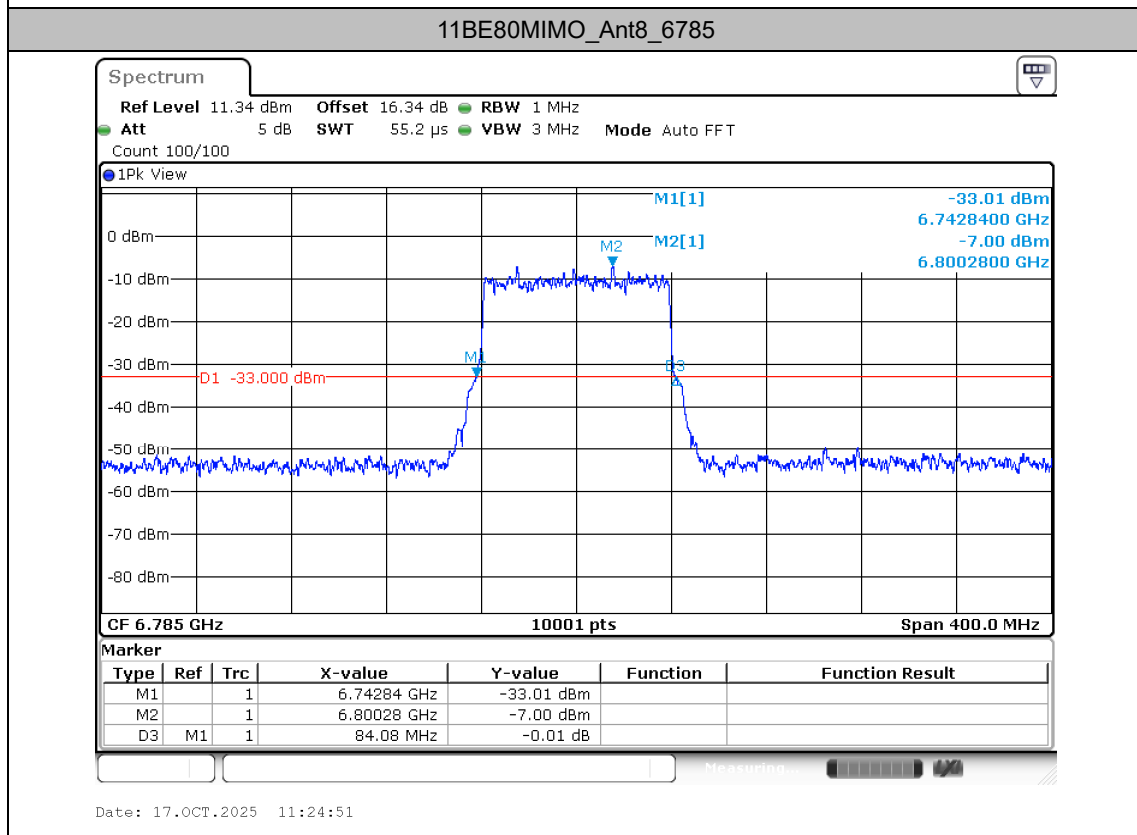
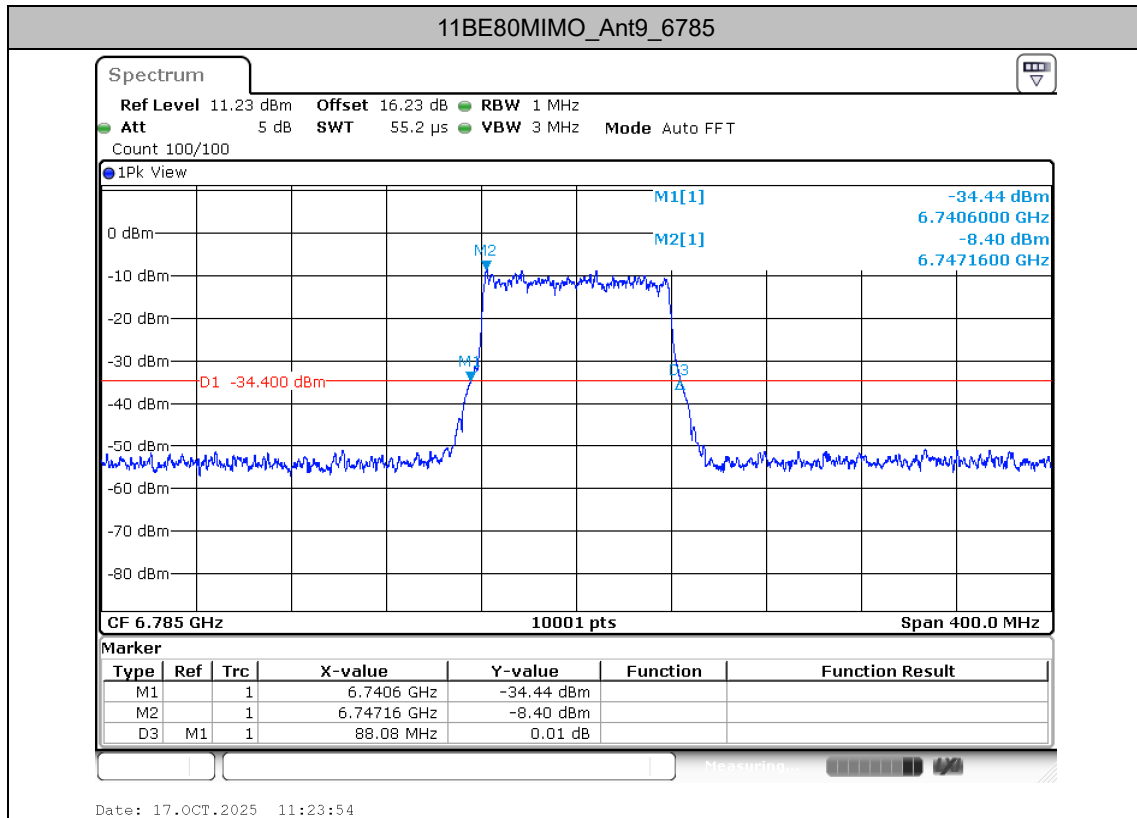


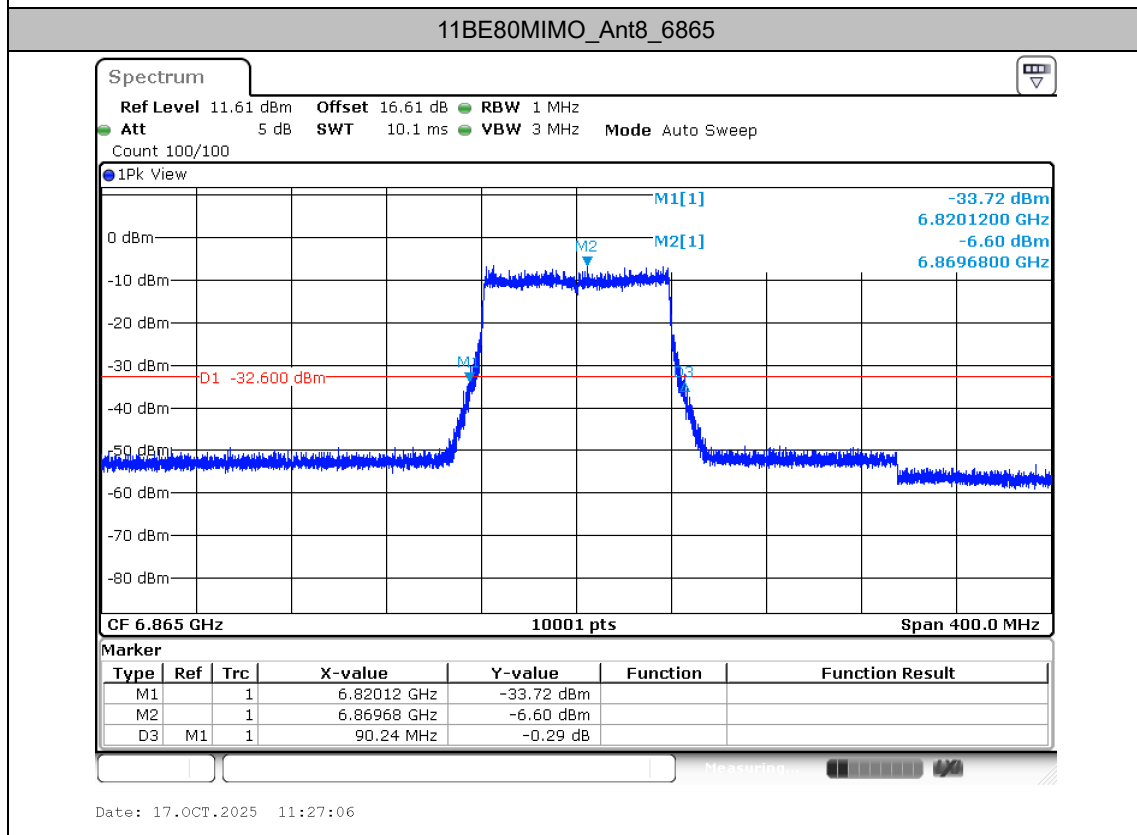
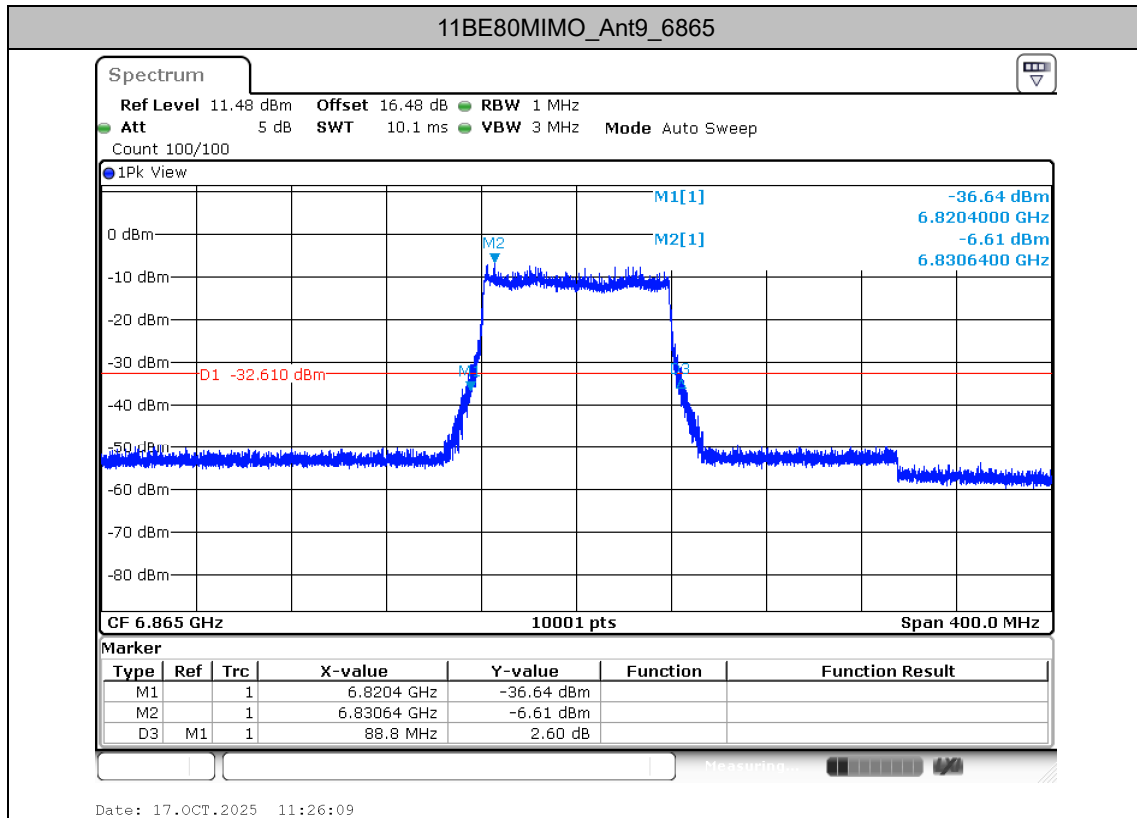


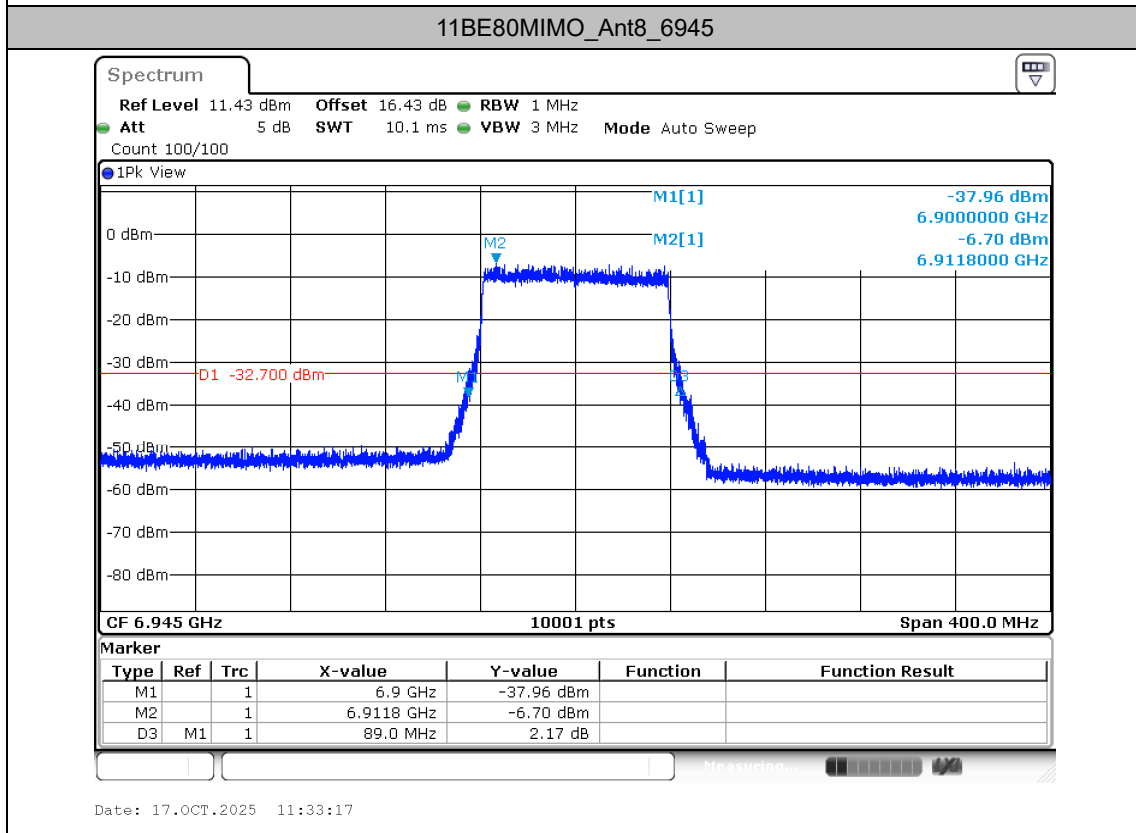
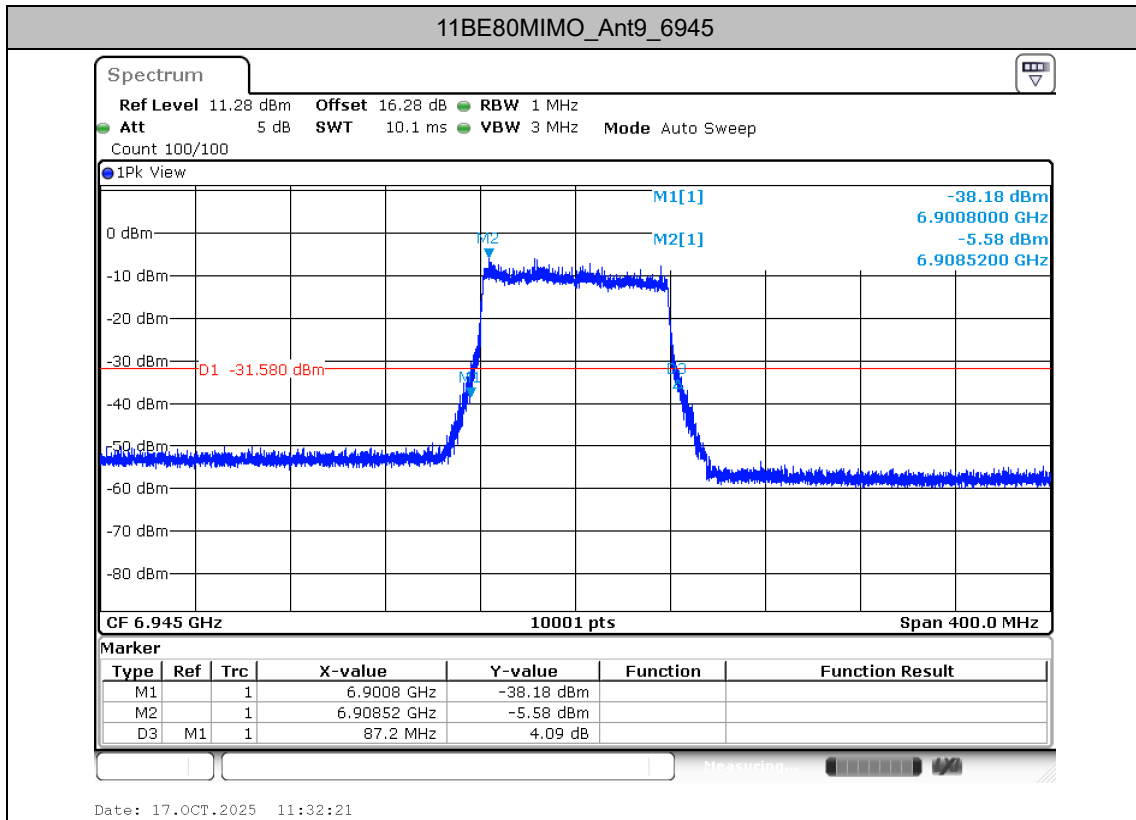


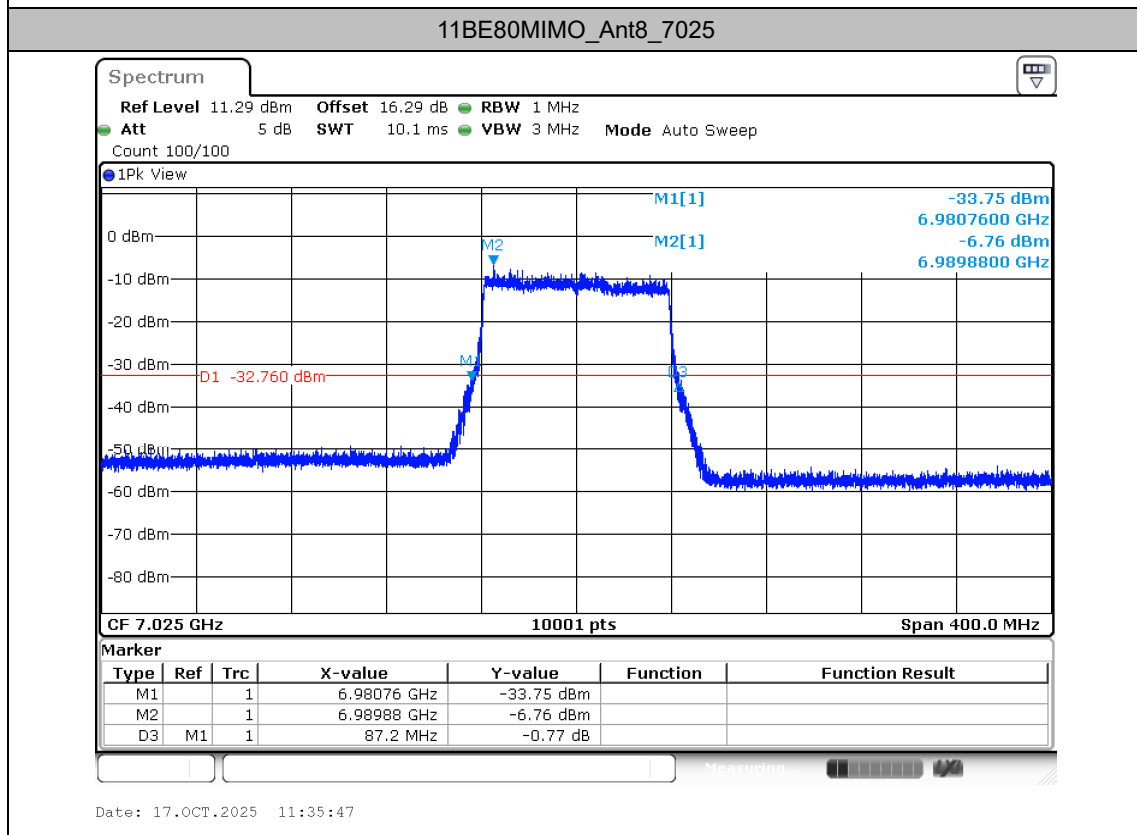
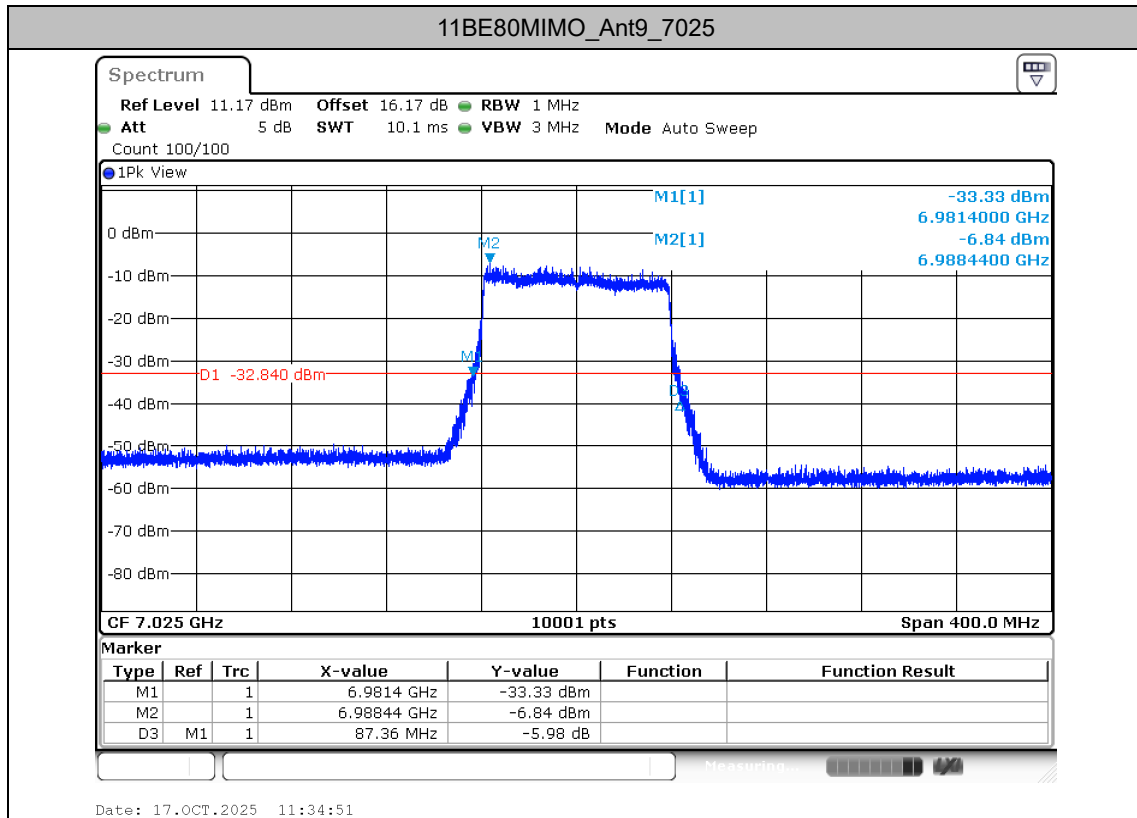


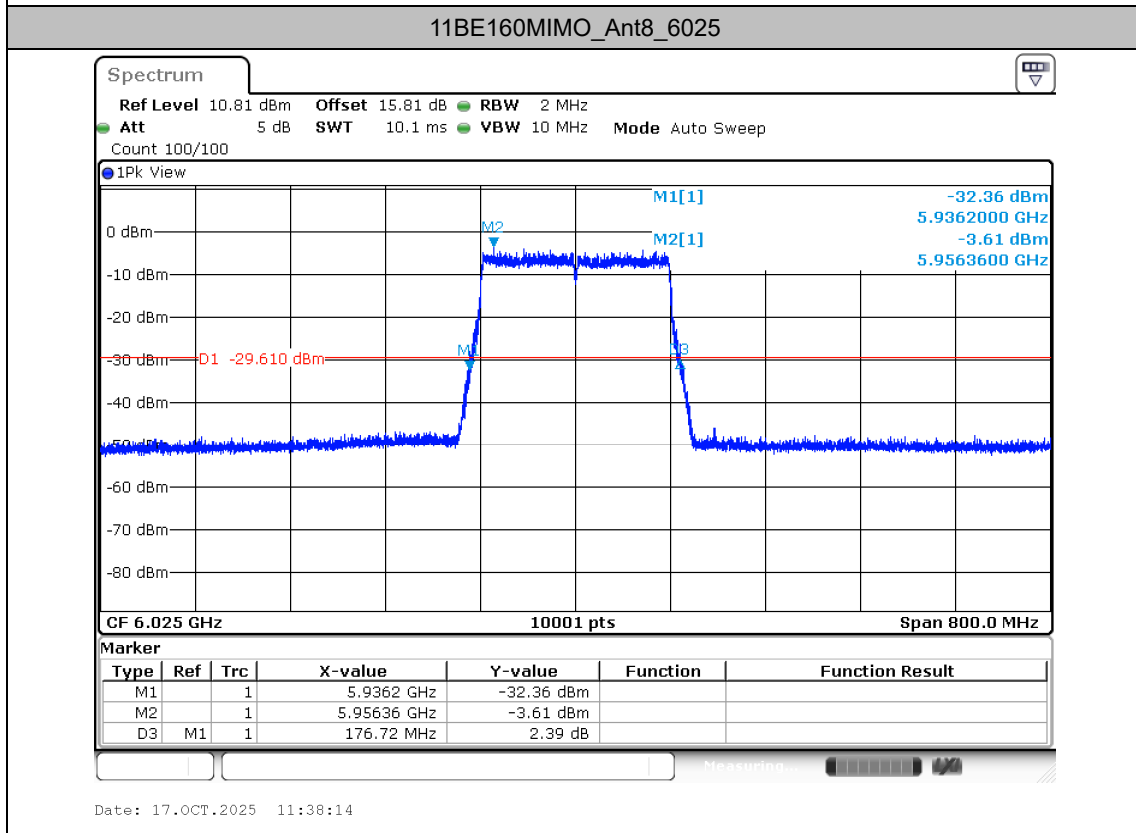
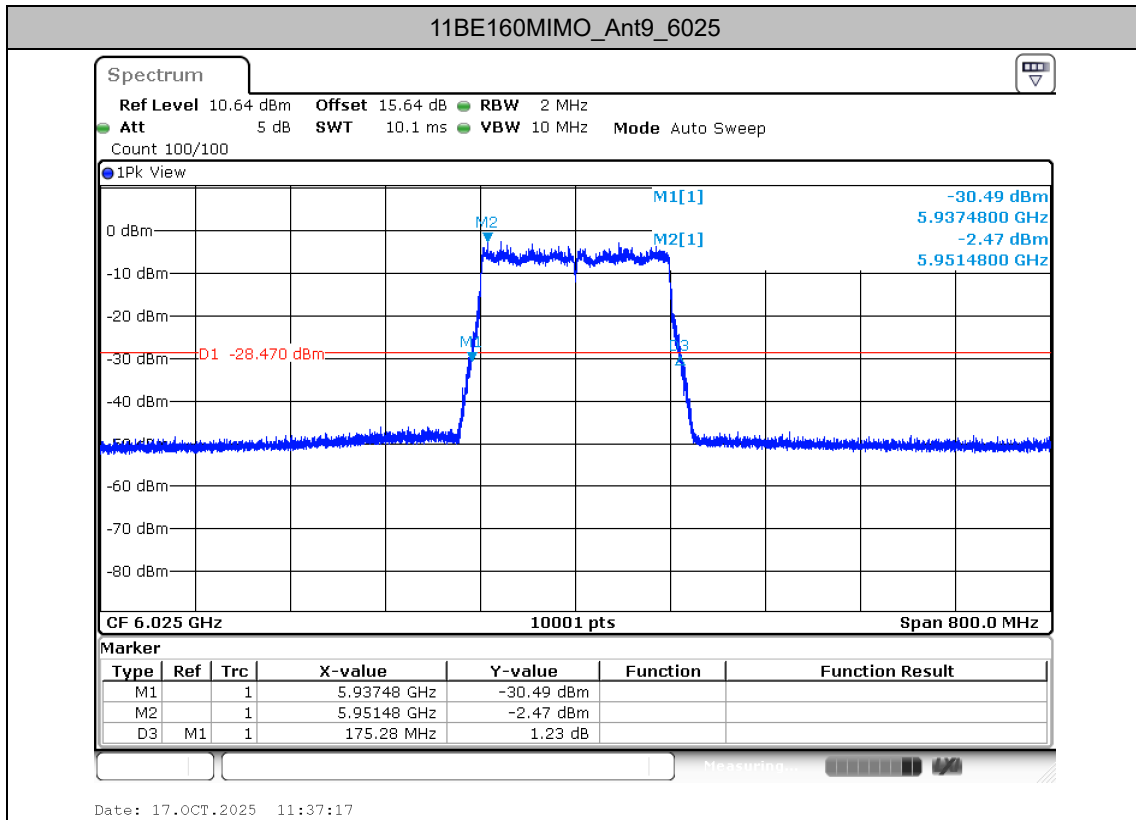


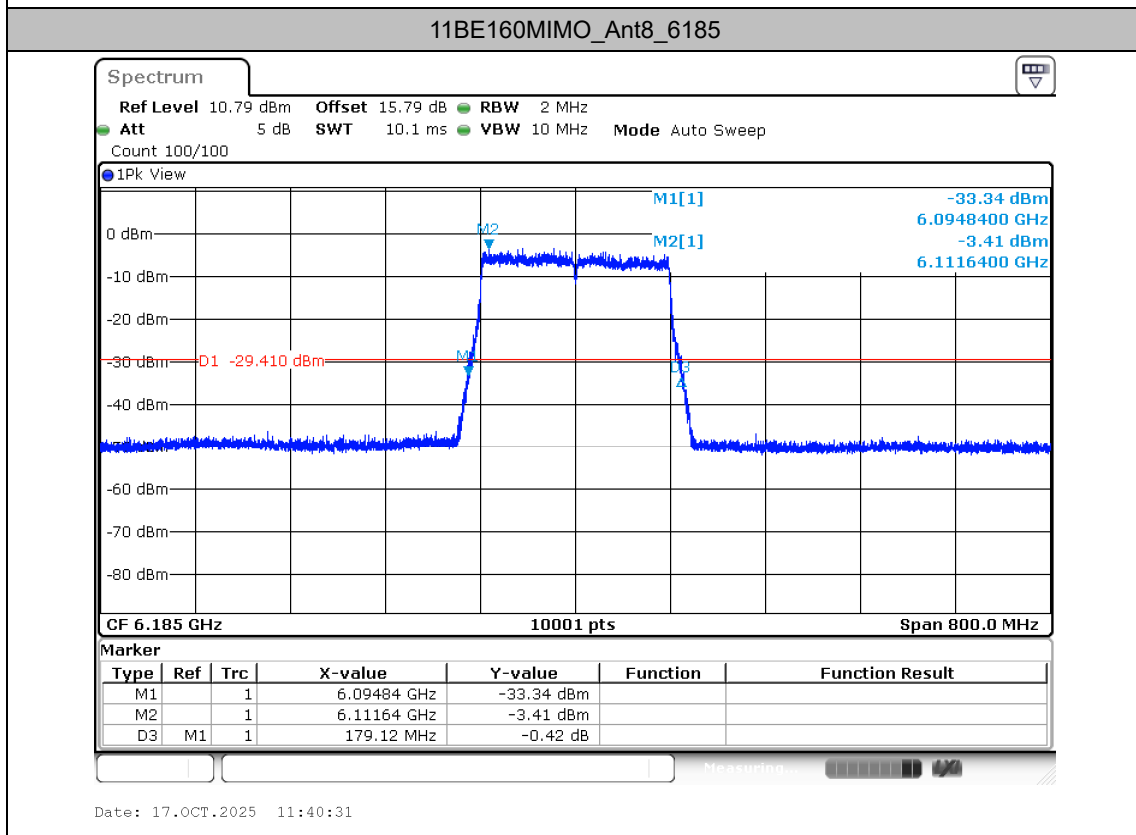
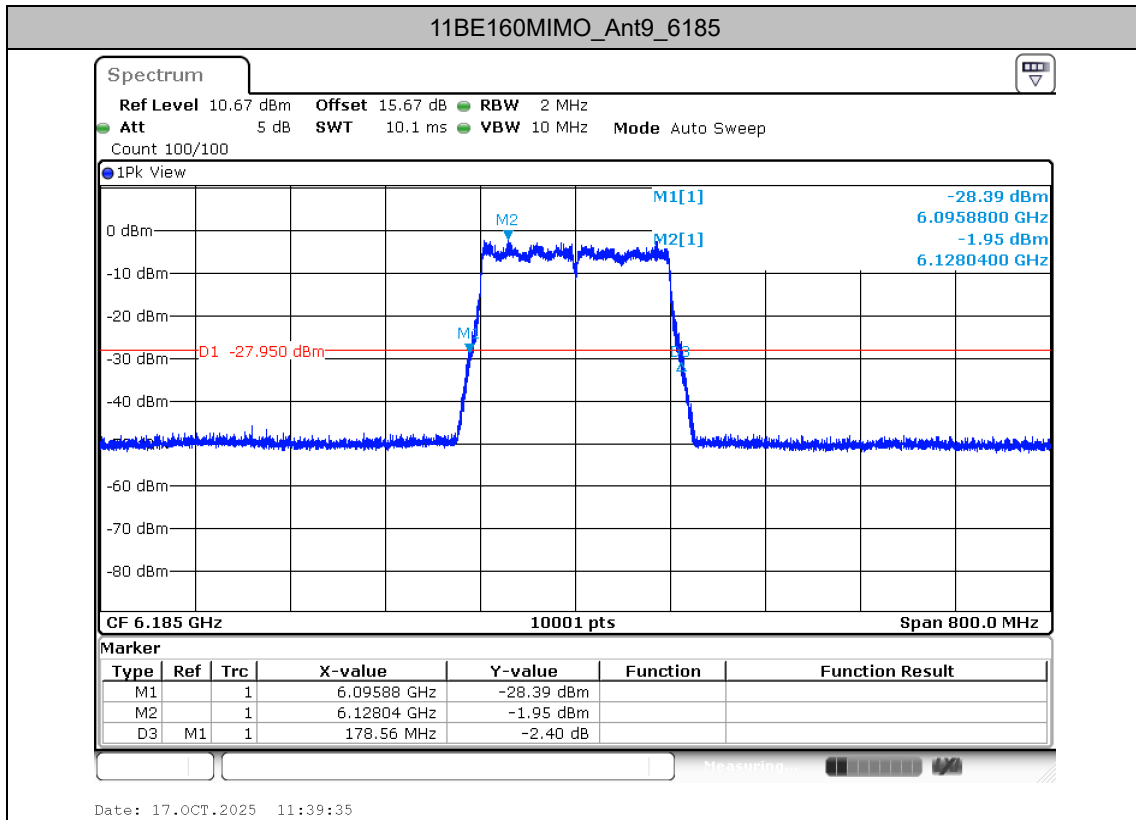


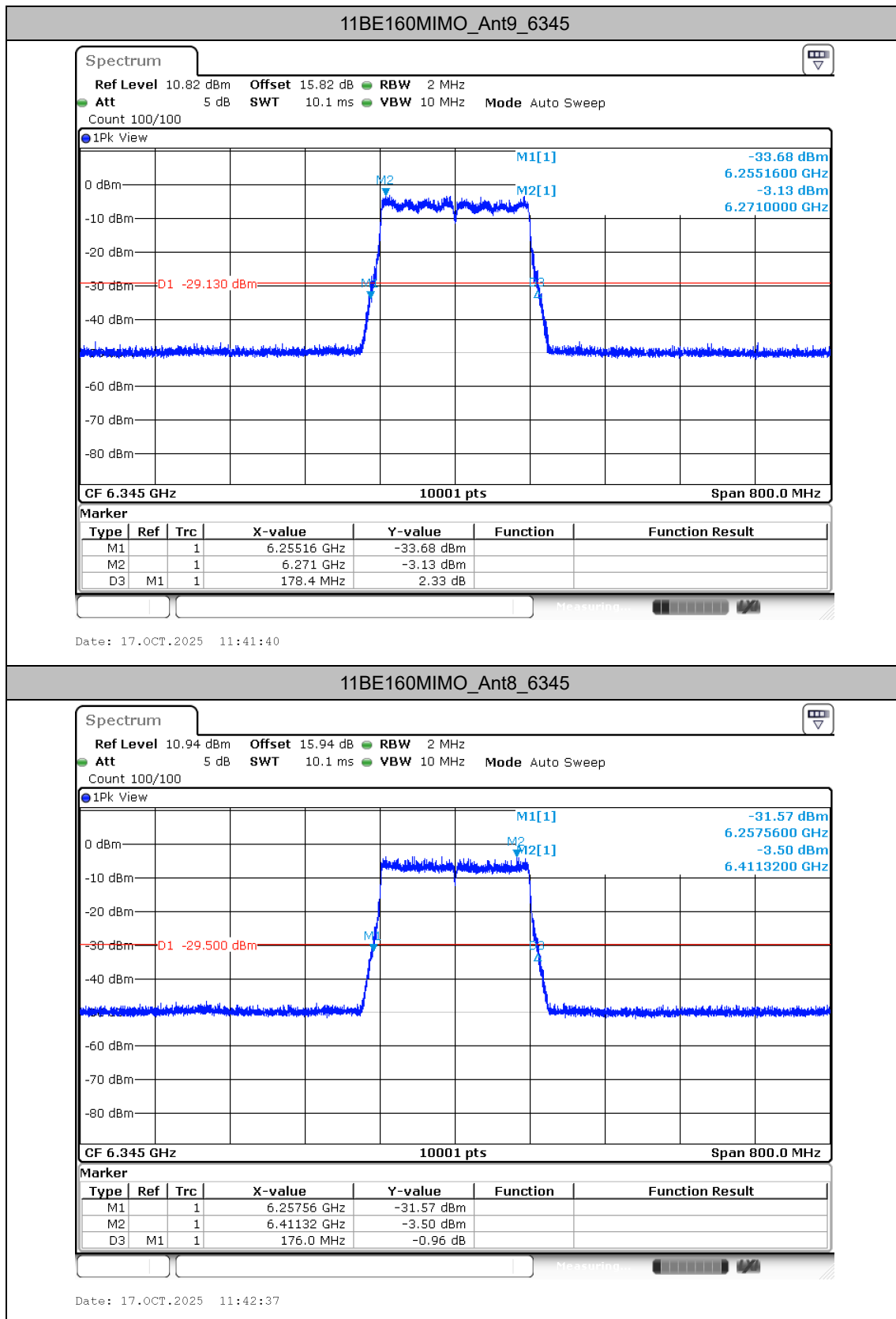


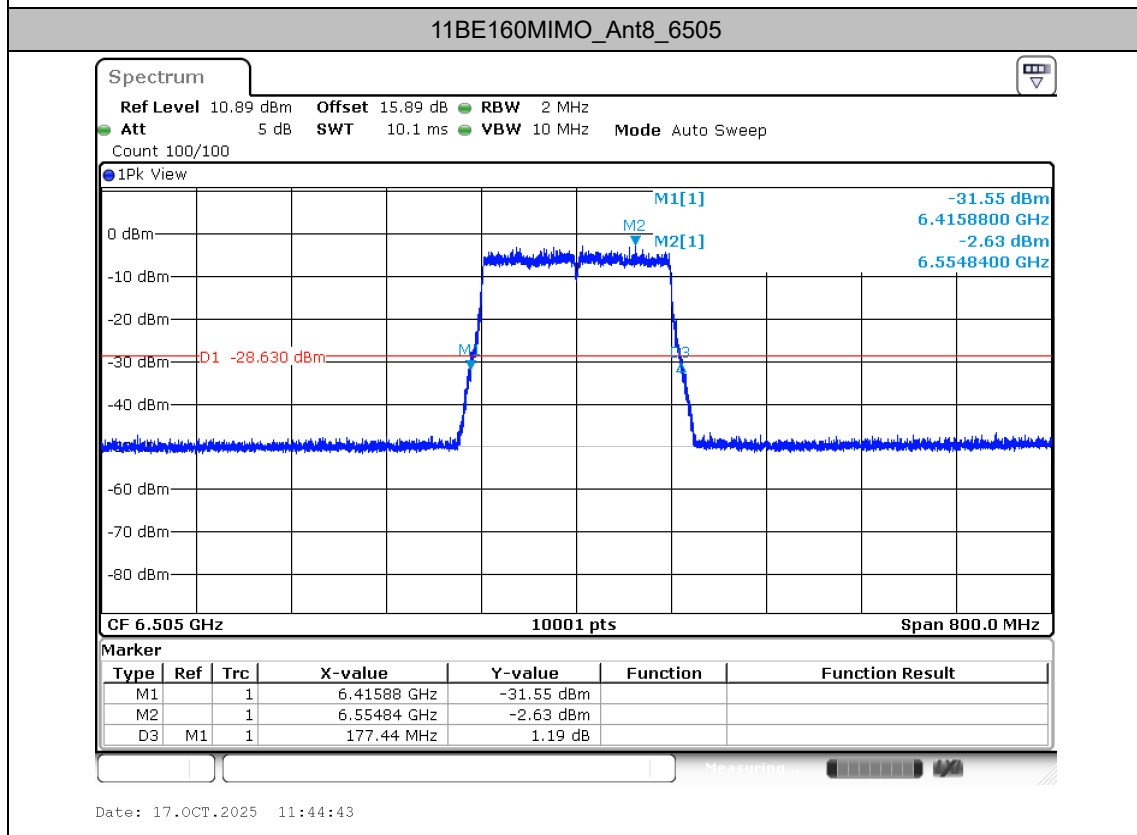
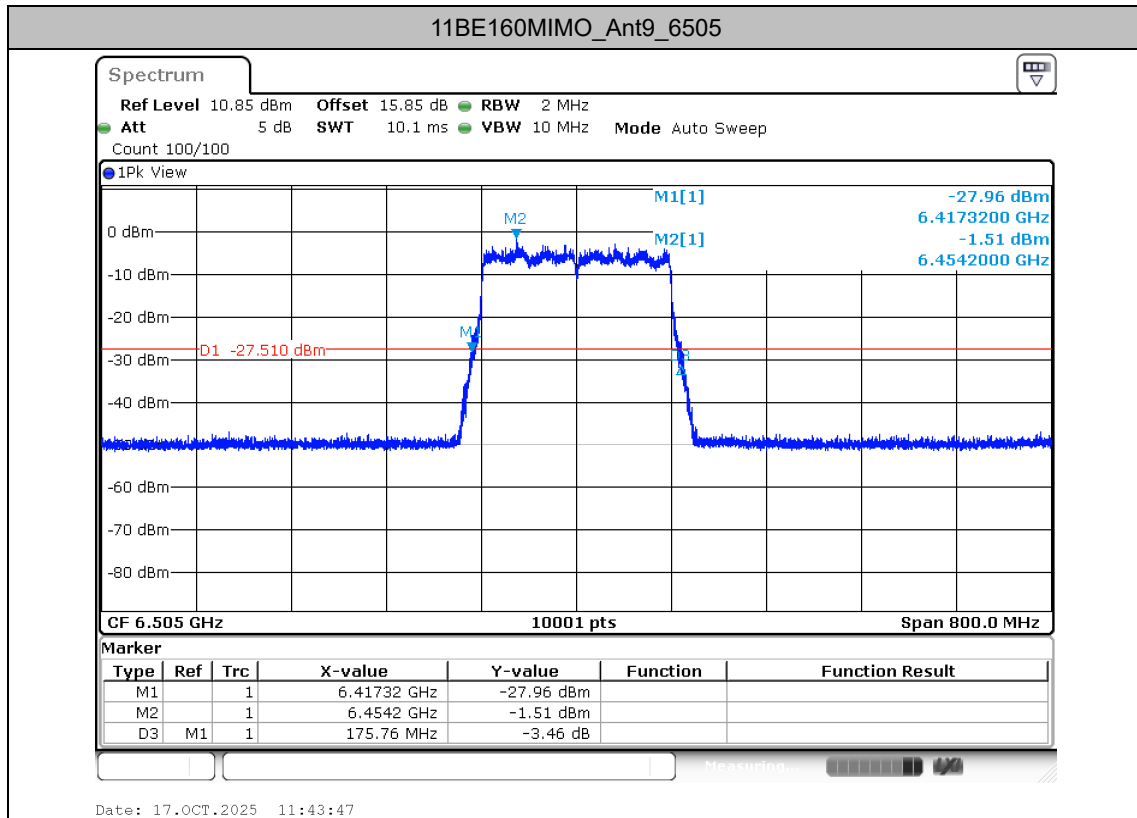


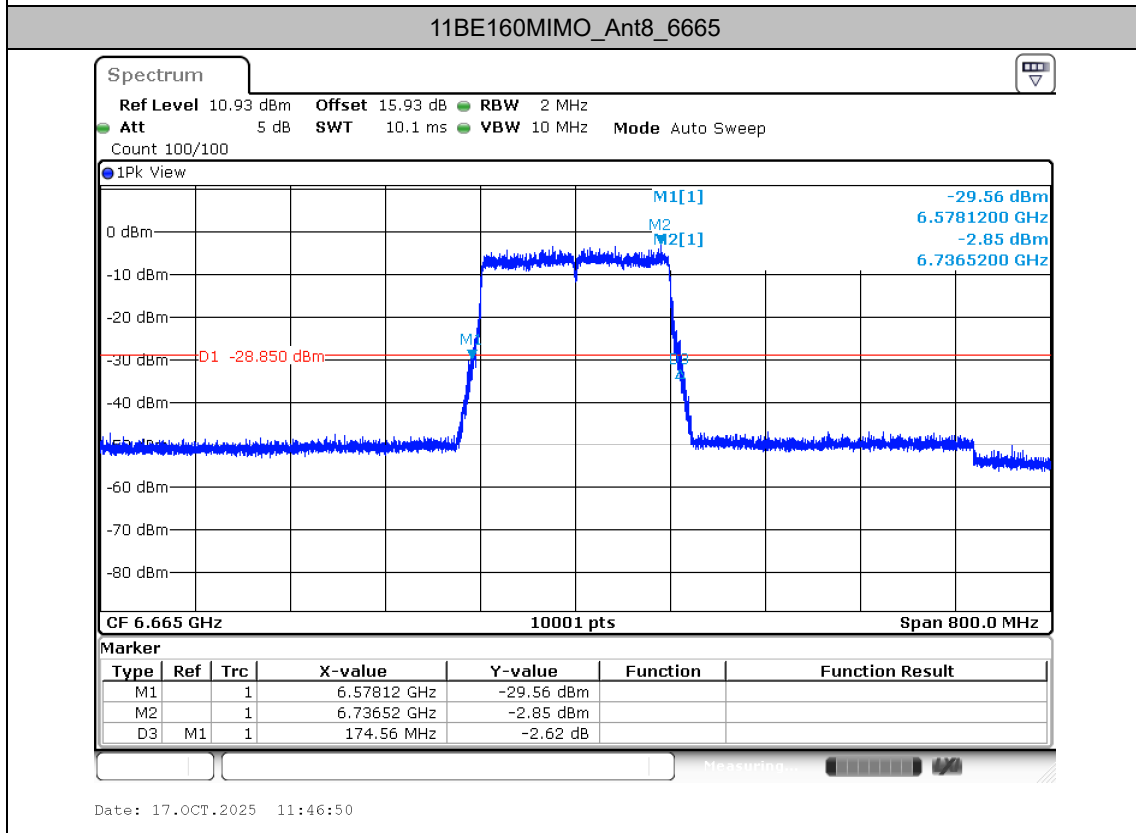
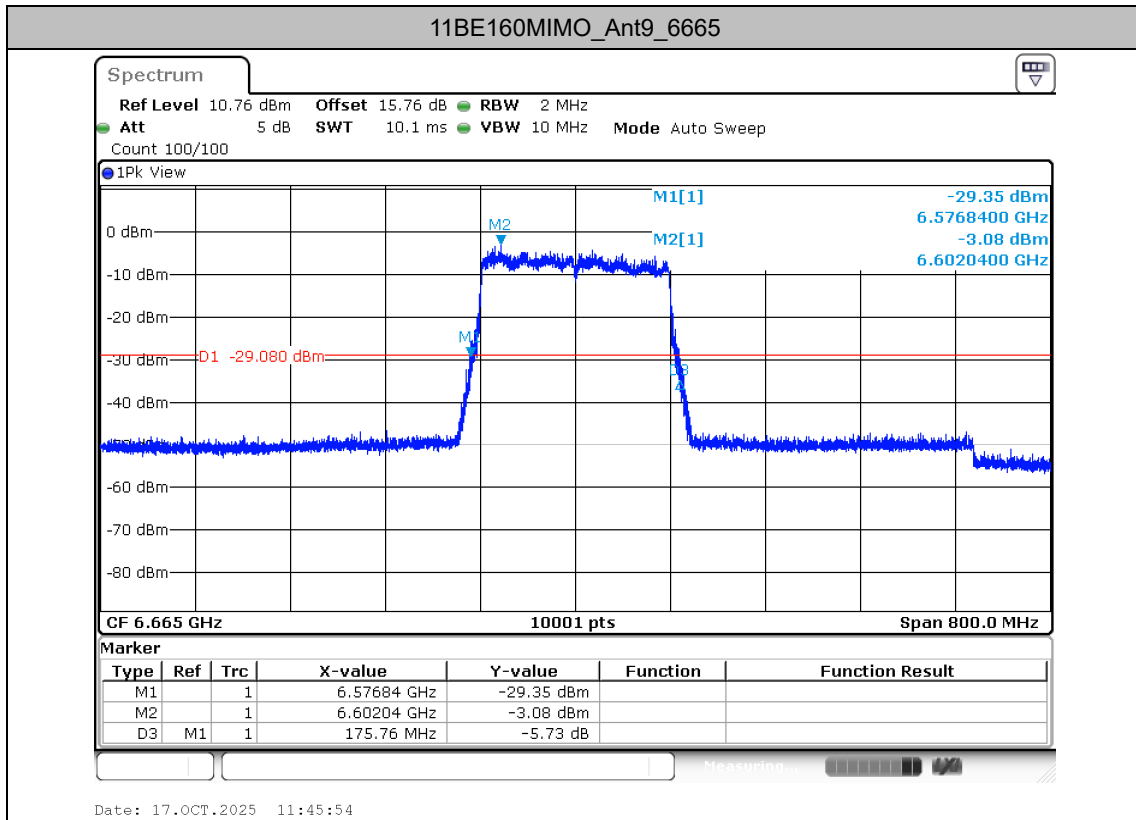


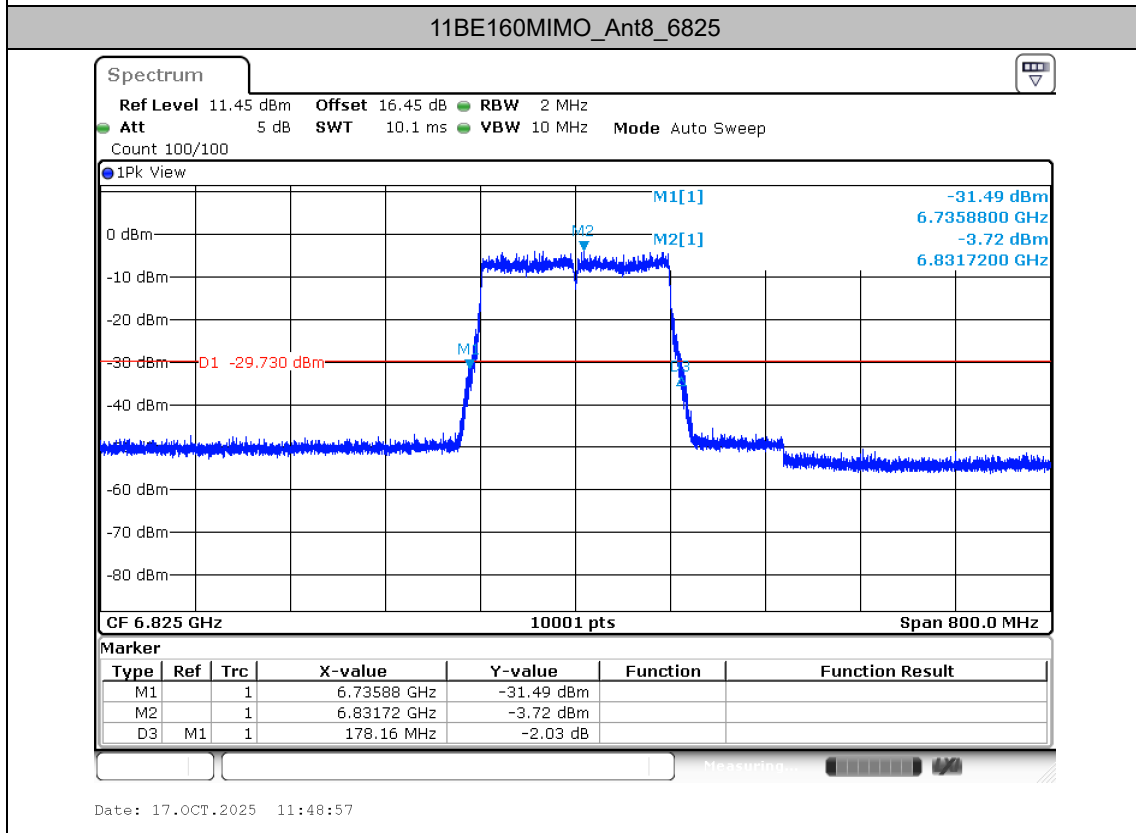
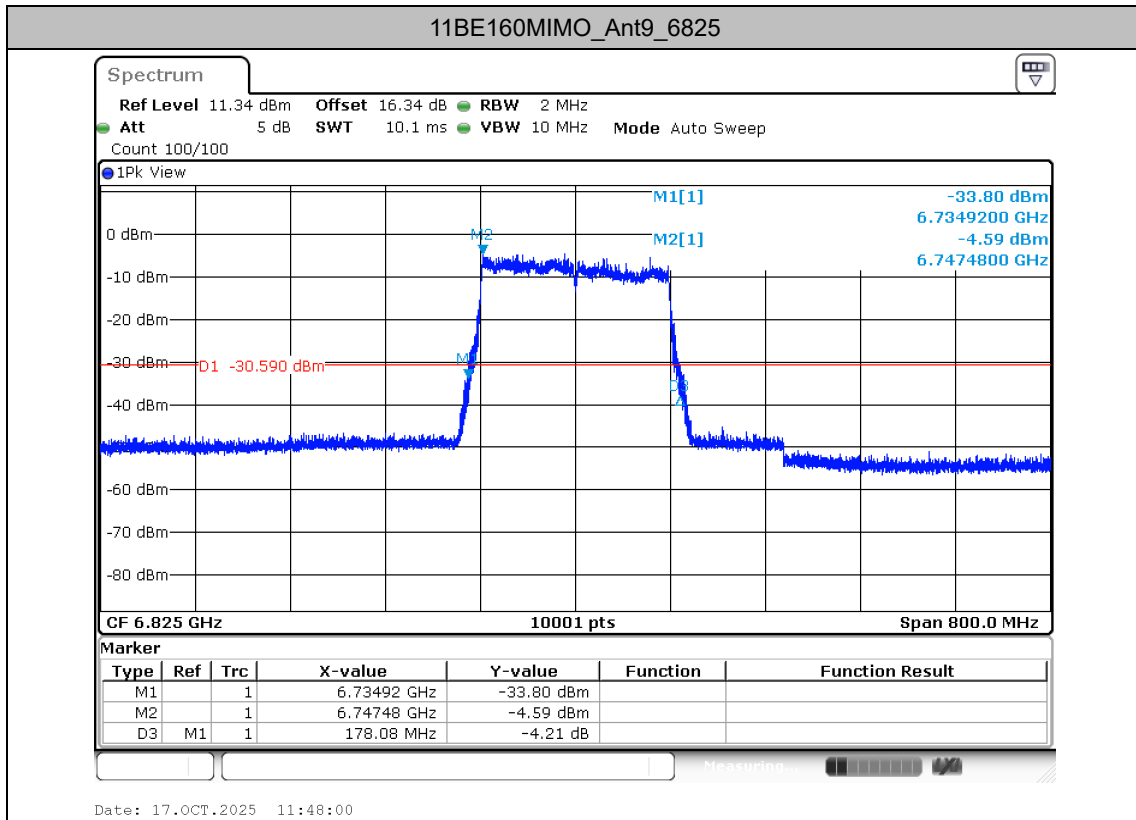


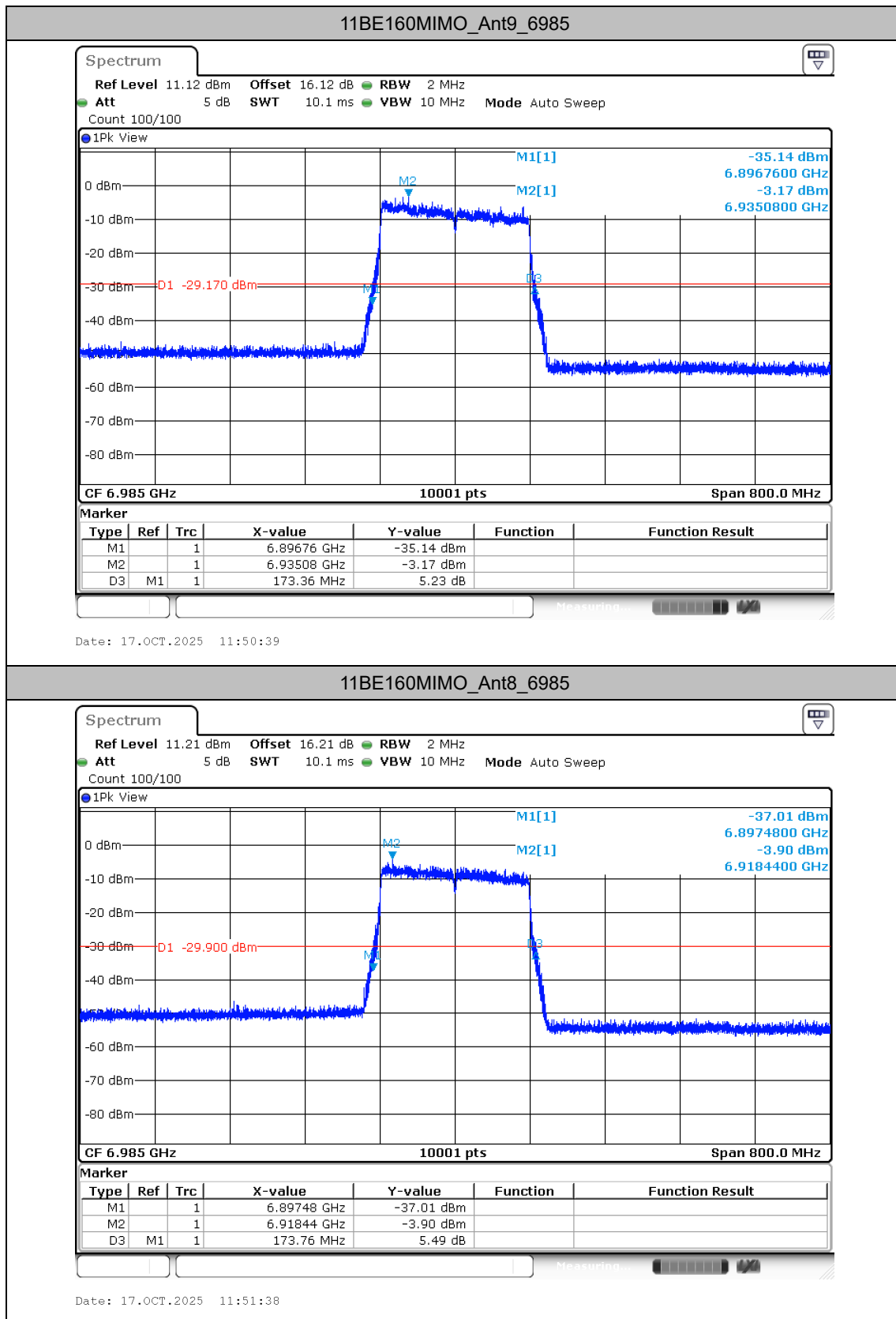


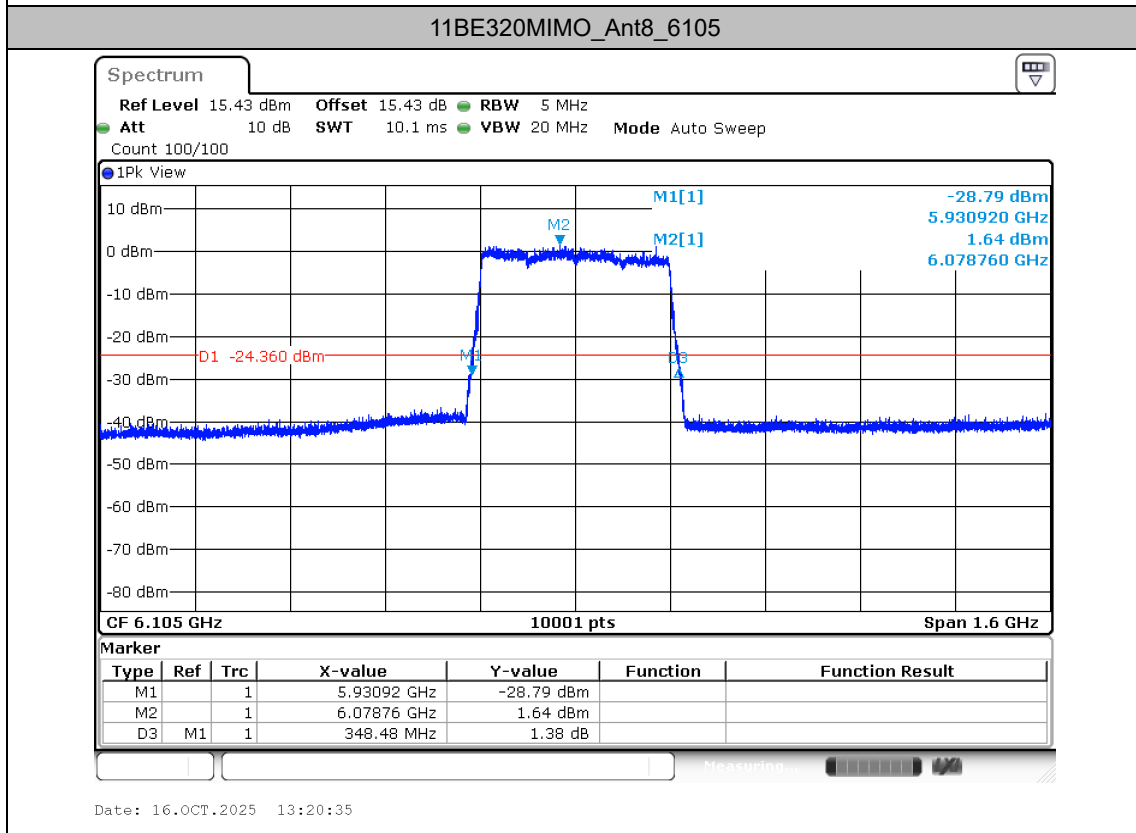
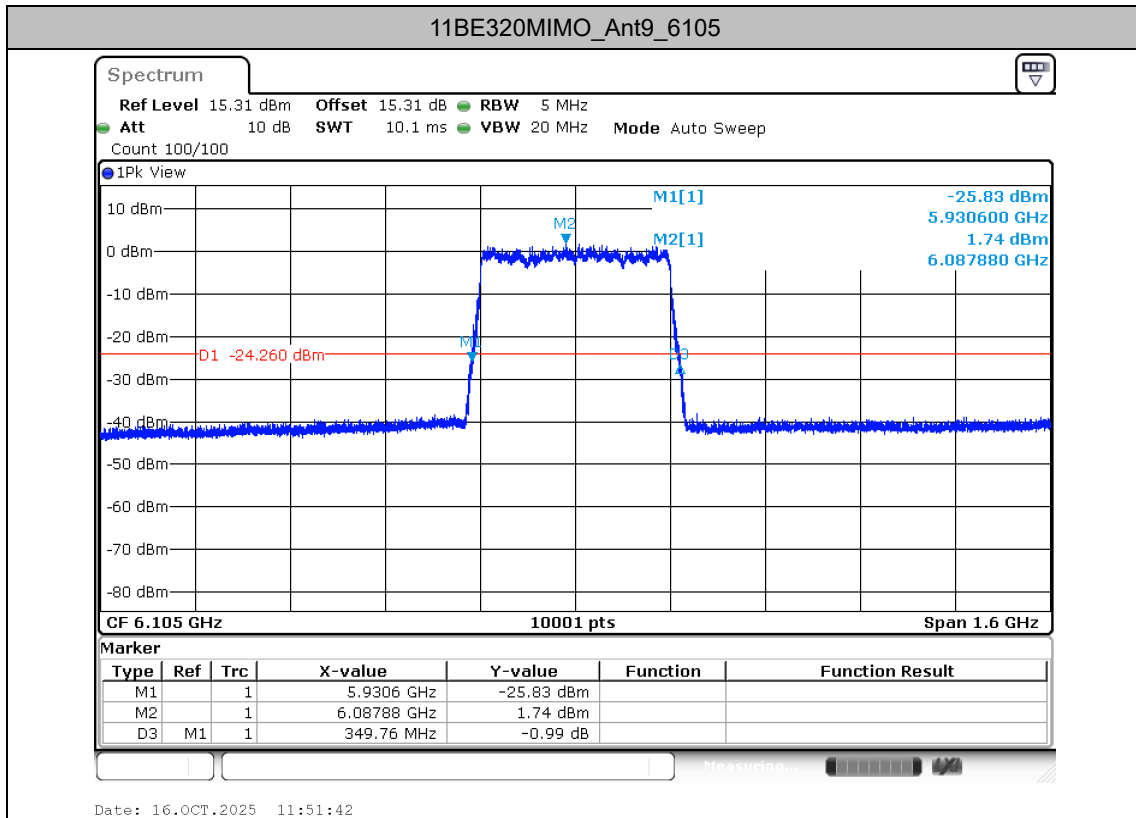


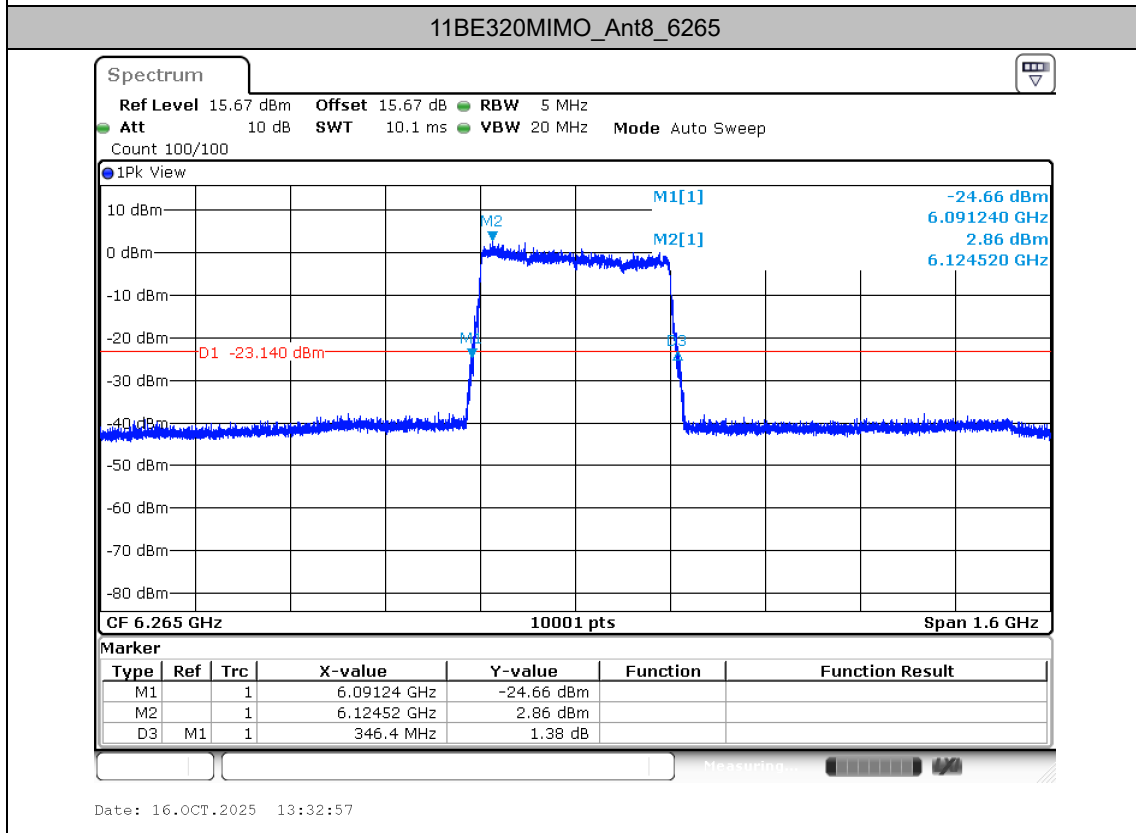
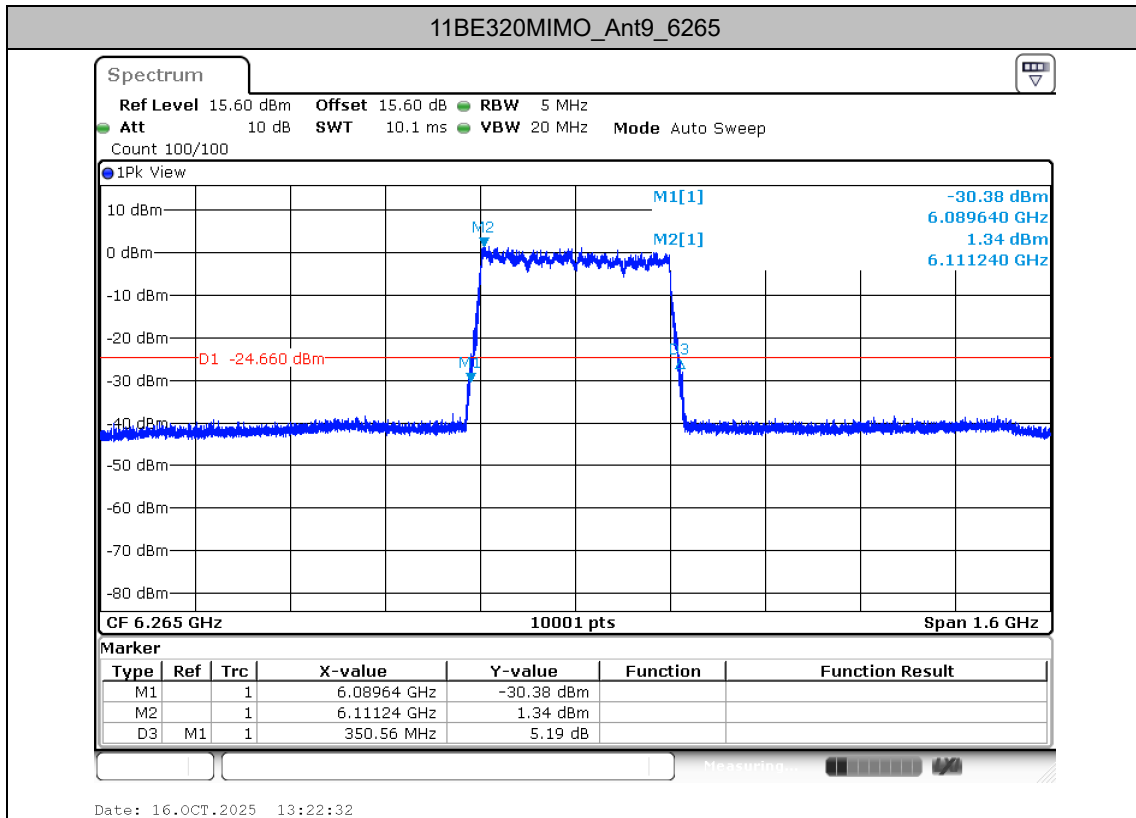


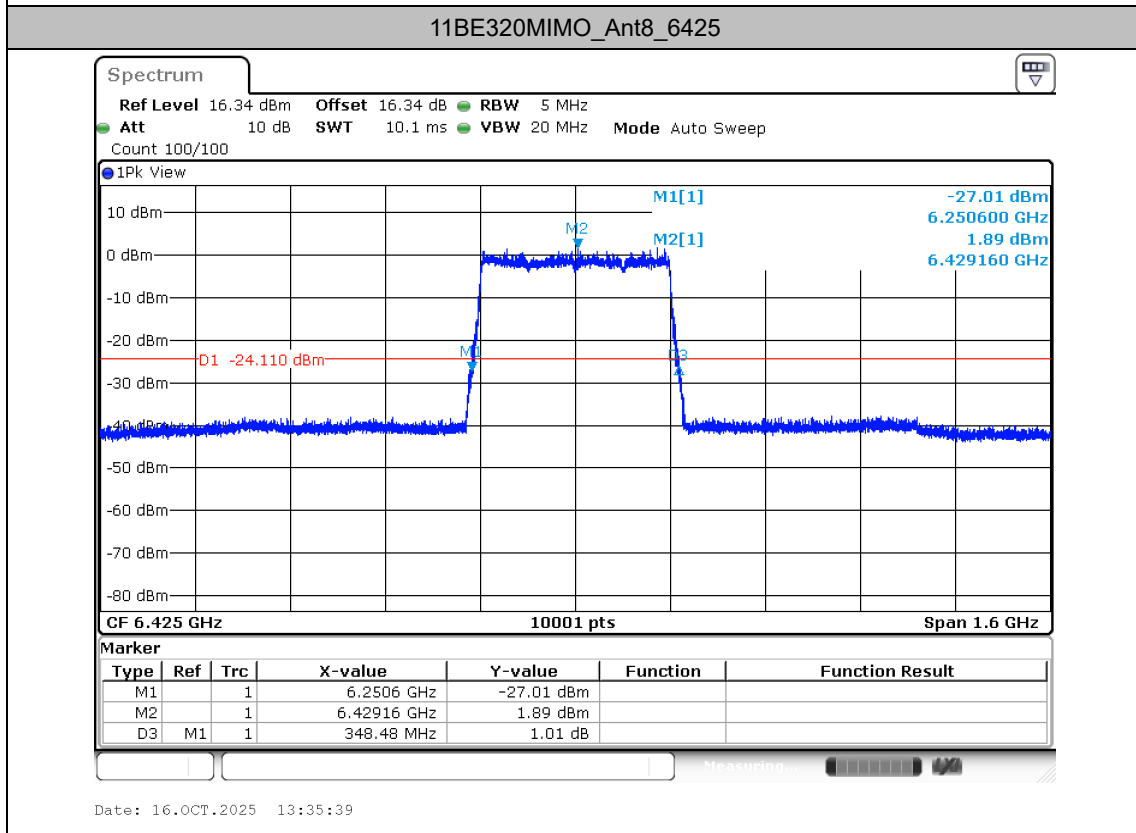
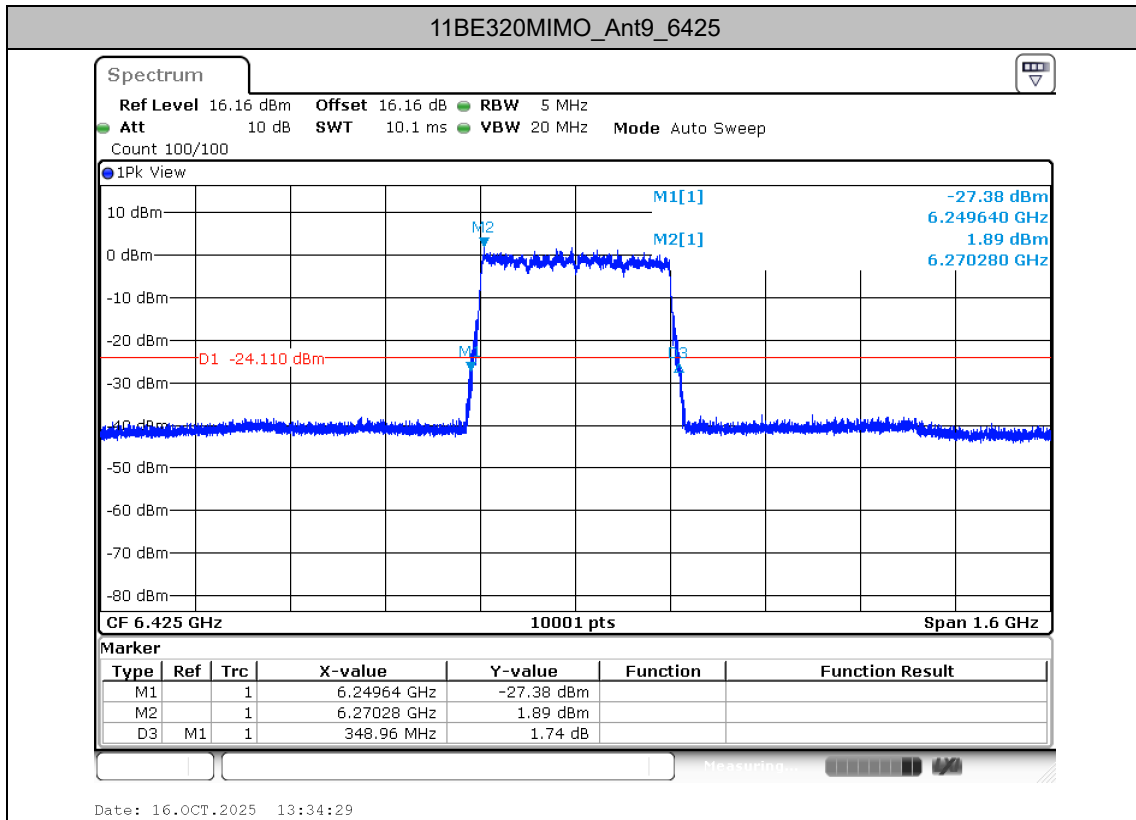


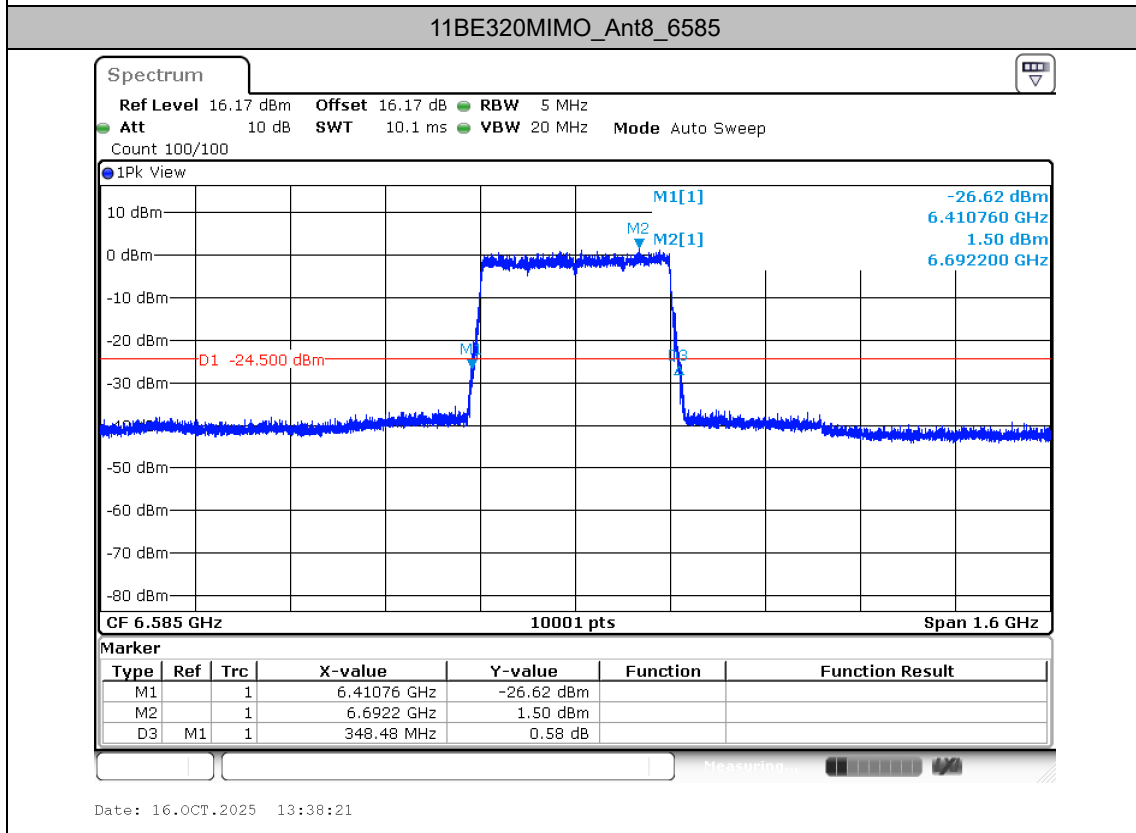
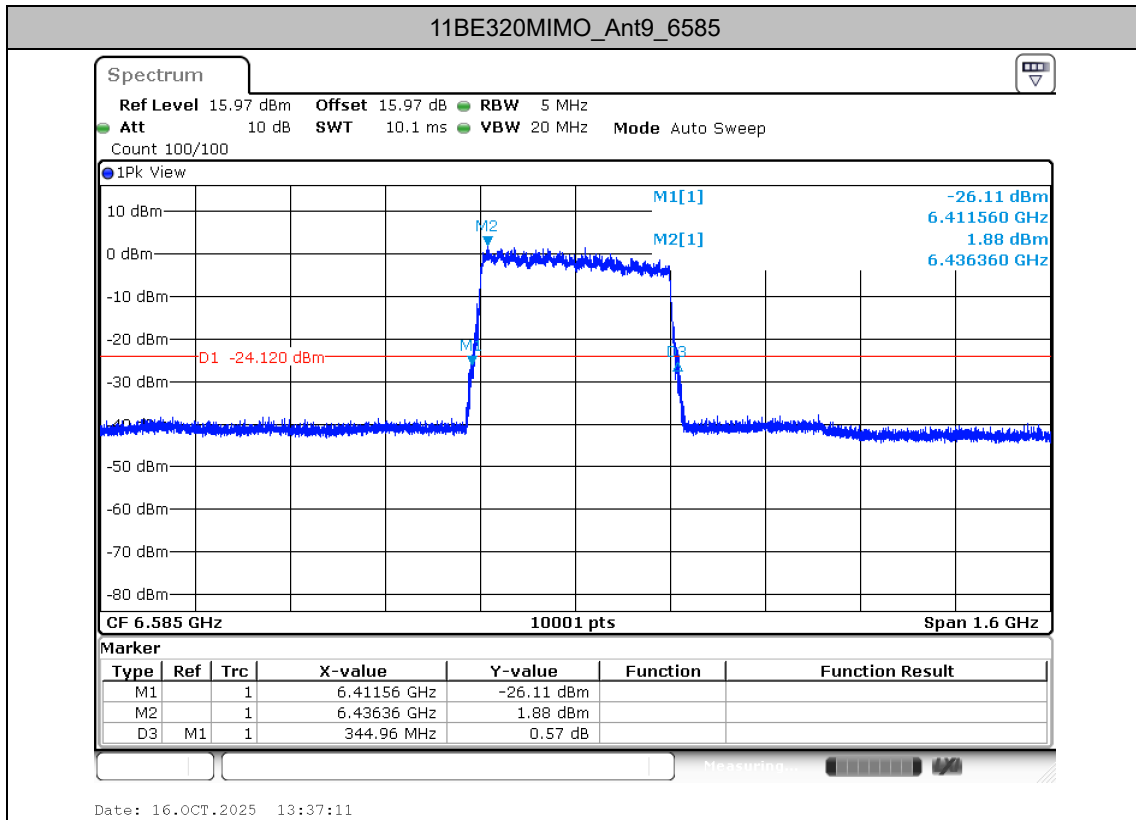


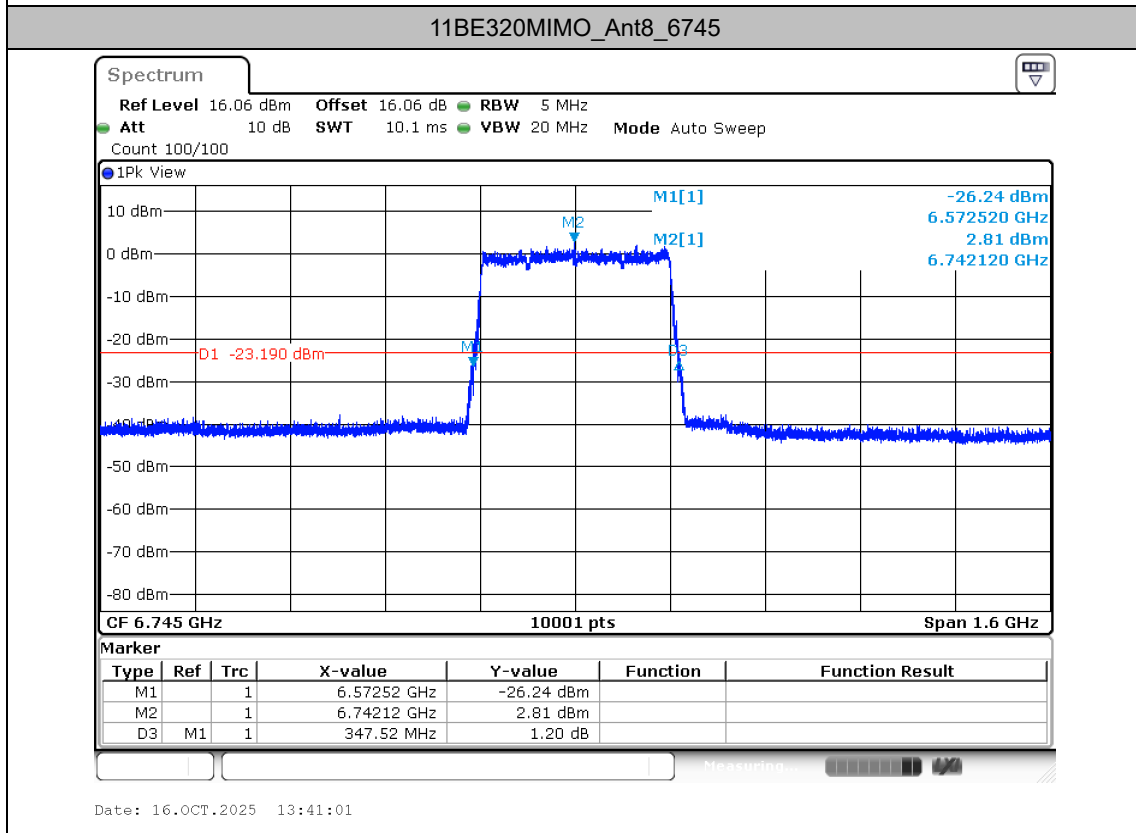
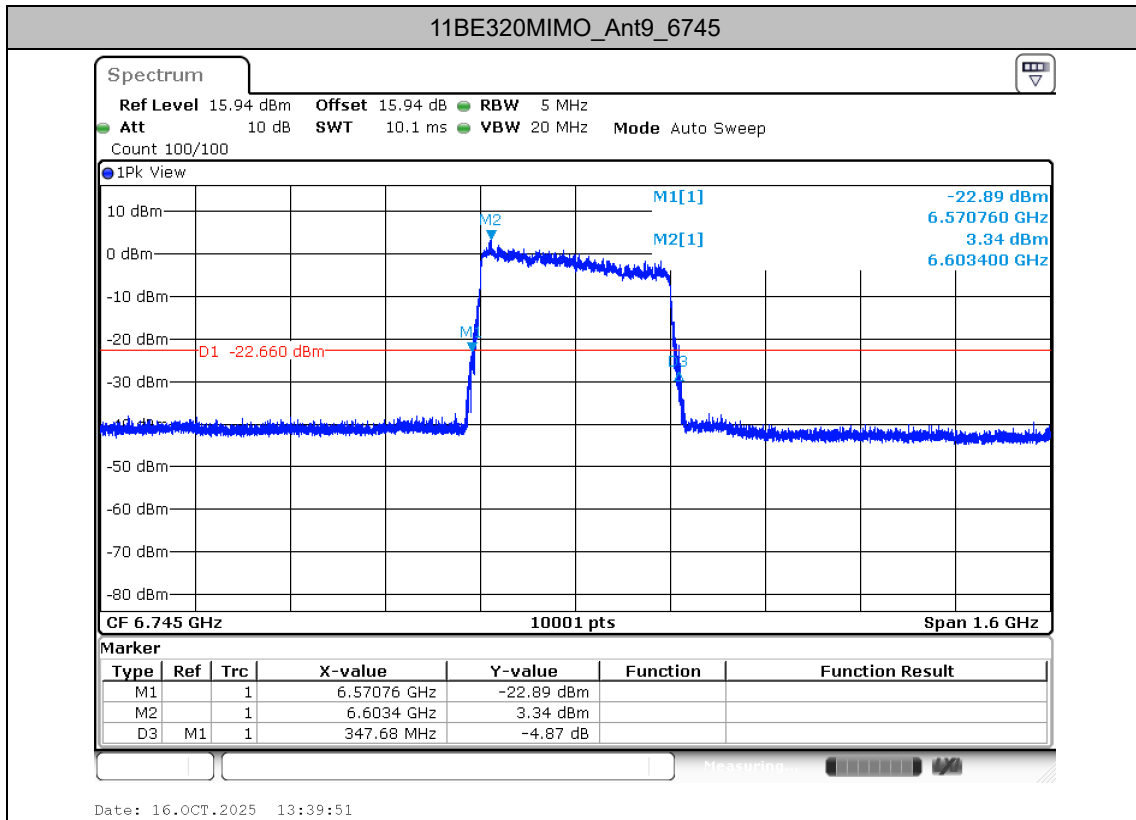


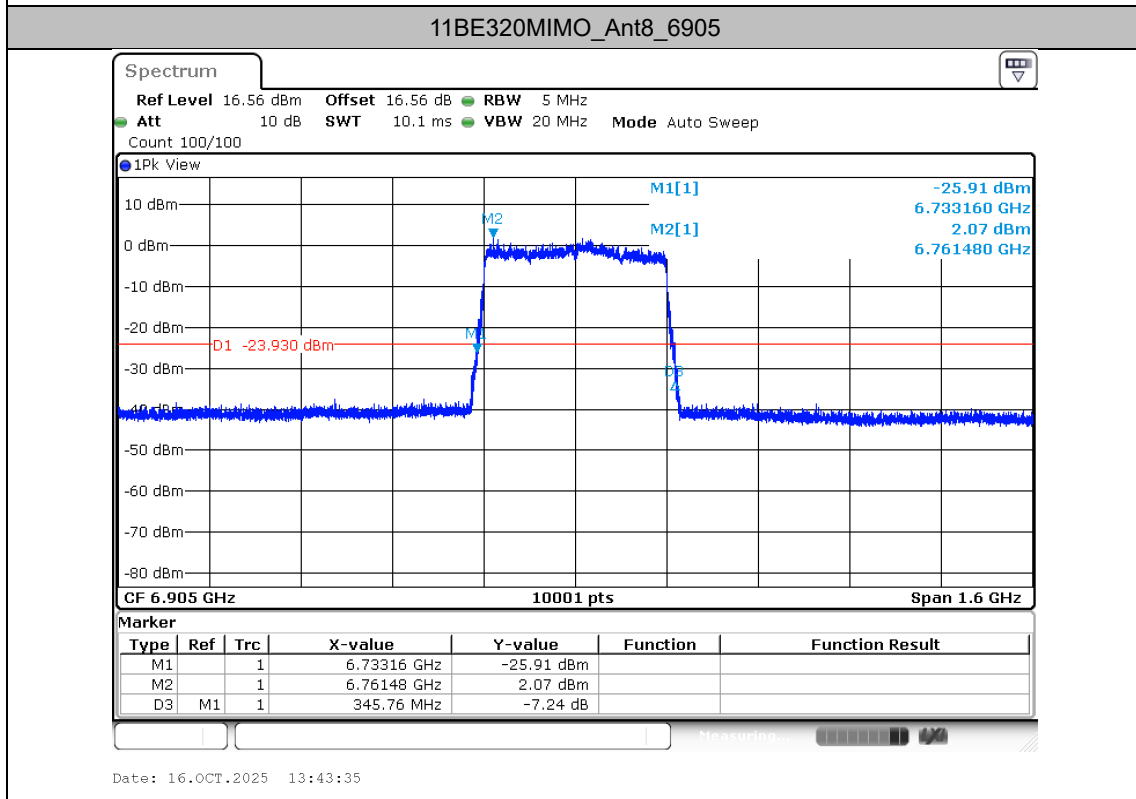
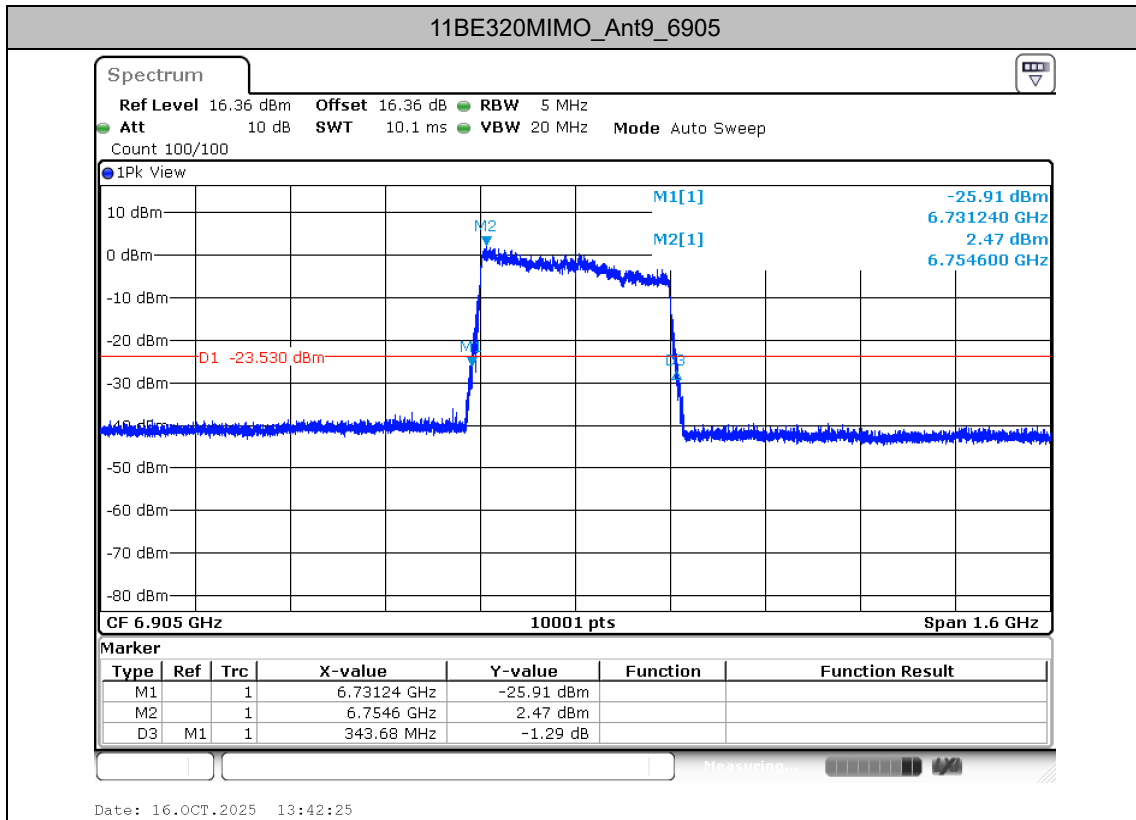














Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant9	5955	17.466	5946.3009	5963.7671	---	---
	Ant8	5955	17.426	5946.3409	5963.7671	---	---
	Ant9	6175	17.566	6166.0729	6183.6391	---	---
	Ant8	6175	17.518	6166.2009	6183.7191	---	---
	Ant9	6415	17.634	6406.0969	6423.7311	---	---
	Ant8	6415	17.394	6406.2609	6423.6551	---	---
	Ant9	6435	17.546	6426.2049	6443.7511	---	---
	Ant8	6435	17.642	6426.2409	6443.8831	---	---
	Ant9	6475	17.594	6466.1689	6483.7631	---	---
	Ant8	6475	17.570	6466.1649	6483.7351	---	---
	Ant9	6515	17.610	6506.1049	6523.7151	---	---
	Ant8	6515	17.550	6506.1489	6523.6991	---	---
	Ant9	6535	17.690	6526.0529	6543.7431	---	---
	Ant8	6535	17.414	6526.2809	6543.6951	---	---
	Ant9	6695	17.690	6686.0369	6703.7271	---	---
	Ant8	6695	17.502	6686.1929	6703.6951	---	---
	Ant9	6855	17.662	6846.0689	6863.7311	---	---
	Ant8	6855	17.506	6846.1409	6863.6471	---	---
	Ant9	6875	17.698	6866.0329	6883.7311	---	---
	Ant8	6875	17.658	6866.1289	6883.7871	---	---
	Ant9	6895	17.626	6886.1169	6903.7431	---	---
	Ant8	6895	17.314	6886.3809	6903.6951	---	---
	Ant9	6995	17.542	6986.1249	7003.6671	---	---
	Ant8	6995	17.398	6986.2489	7003.6471	---	---
	Ant9	7095	17.610	7086.0809	7103.6911	---	---
	Ant8	7095	17.454	7086.2009	7103.6551	---	---
11BE20MIMO	Ant9	5955	19.414	5945.2130	5964.6270	---	---
	Ant8	5955	19.426	5945.1610	5964.5870	---	---
	Ant9	6175	19.350	6165.3090	6184.6590	---	---
	Ant8	6175	19.502	6165.1290	6184.6310	---	---
	Ant9	6415	19.426	6405.2610	6424.6870	---	---
	Ant8	6415	19.466	6405.2130	6424.6790	---	---
	Ant9	6435	19.426	6425.2530	6444.6790	---	---
	Ant8	6435	19.454	6425.2210	6444.6750	---	---



	Ant9	6475	19.454	6465.1730	6484.6270	---	---
	Ant8	6475	19.430	6465.1730	6484.6030	---	---
	Ant9	6515	19.362	6505.3170	6524.6790	---	---
	Ant8	6515	19.394	6505.3290	6524.7230	---	---
	Ant9	6535	19.470	6525.2250	6544.6950	---	---
	Ant8	6535	19.466	6525.3090	6544.7750	---	---
	Ant9	6695	19.274	6685.3010	6704.5750	---	---
	Ant8	6695	19.418	6685.2690	6704.6870	---	---
	Ant9	6855	19.378	6845.2810	6864.6590	---	---
	Ant8	6855	19.338	6845.3210	6864.6590	---	---
	Ant9	6875	19.342	6865.2890	6884.6310	---	---
	Ant8	6875	19.522	6865.1370	6884.6590	---	---
	Ant9	6895	19.294	6885.3130	6904.6070	---	---
	Ant8	6895	19.530	6885.2370	6904.7670	---	---
	Ant9	6995	19.378	6985.2730	7004.6510	---	---
	Ant8	6995	19.374	6985.2810	7004.6550	---	---
	Ant9	7095	19.450	7085.2410	7104.6910	---	---
	Ant8	7095	19.422	7085.2530	7104.6750	---	---
11BE40MIMO	Ant9	5965	38.428	5945.7859	5984.2141	---	---
	Ant8	5965	38.452	5945.7219	5984.1741	---	---
	Ant9	6165	38.500	6145.6339	6184.1341	---	---
	Ant8	6165	38.436	6145.7699	6184.2061	---	---
	Ant9	6405	38.684	6385.7379	6424.4221	---	---
	Ant8	6405	38.508	6385.8019	6424.3101	---	---
	Ant9	6445	38.372	6425.8419	6464.2141	---	---
	Ant8	6445	38.548	6425.7139	6464.2621	---	---
	Ant9	6485	38.428	6465.7059	6504.1341	---	---
	Ant8	6485	38.484	6465.6579	6504.1421	---	---
	Ant9	6525	38.388	6505.8659	6544.2541	---	---
	Ant8	6525	38.396	6505.8499	6544.2461	---	---
	Ant9	6565	38.292	6545.8179	6584.1101	---	---
	Ant8	6565	38.452	6545.7539	6584.2061	---	---
	Ant9	6685	38.620	6665.5219	6704.1421	---	---
	Ant8	6685	38.556	6665.7379	6704.2941	---	---
	Ant9	6845	38.676	6825.6179	6864.2941	---	---
	Ant8	6845	38.588	6825.7299	6864.3181	---	---
	Ant9	6885	38.380	6865.7699	6904.1501	---	---
	Ant8	6885	38.692	6865.6419	6904.3341	---	---
	Ant9	6925	38.916	6905.6739	6944.5900	---	---



	Ant8	6925	38.540	6905.7699	6944.3101	---	---
	Ant9	6965	38.460	6945.6659	6984.1261	---	---
	Ant8	6965	38.500	6945.6659	6984.1661	---	---
	Ant9	7085	38.468	7065.6659	7104.1341	---	---
	Ant8	7085	38.500	7065.6739	7104.1741	---	---
11BE80MIMO	Ant9	5985	78.728	5945.4200	6024.1481	---	---
	Ant8	5985	78.456	5945.8359	6024.2921	---	---
	Ant9	6145	78.744	6105.2760	6184.0201	---	---
	Ant8	6145	78.232	6105.7559	6183.9881	---	---
	Ant9	6385	78.216	6345.8199	6424.0361	---	---
	Ant8	6385	78.328	6345.8839	6424.2121	---	---
	Ant9	6465	78.168	6426.1079	6504.2761	---	---
	Ant8	6465	78.360	6425.9959	6504.3561	---	---
	Ant9	6545	78.664	6505.6599	6584.3241	---	---
	Ant8	6545	78.392	6505.7719	6584.1641	---	---
	Ant9	6625	78.616	6585.8359	6664.4521	---	---
	Ant8	6625	78.248	6585.9639	6664.2121	---	---
	Ant9	6705	78.424	6665.5799	6744.0041	---	---
	Ant8	6705	78.712	6665.7239	6744.4361	---	---
	Ant9	6785	78.600	6745.5959	6824.1961	---	---
	Ant8	6785	78.840	6745.7879	6824.6280	---	---
	Ant9	6865	78.824	6825.3080	6904.1321	---	---
	Ant8	6865	78.760	6825.6599	6904.4201	---	---
	Ant9	6945	78.104	6905.8359	6983.9401	---	---
	Ant8	6945	77.912	6905.9799	6983.8921	---	---
	Ant9	7025	78.072	6985.8359	7063.9081	---	---
	Ant8	7025	78.024	6985.7399	7063.7641	---	---
11BE160MIMO	Ant9	6025	159.95	5944.9120	6104.8640	---	---
	Ant8	6025	159.79	5945.0080	6104.8000	---	---
	Ant9	6185	159.60	6104.8800	6264.4801	---	---
	Ant8	6185	159.54	6104.8800	6264.4161	---	---
	Ant9	6345	159.60	6265.0720	6424.6720	---	---
	Ant8	6345	159.86	6264.9120	6424.7680	---	---
	Ant9	6505	159.38	6425.2960	6584.6720	---	---
	Ant8	6505	159.47	6425.2000	6584.6720	---	---
	Ant9	6665	159.47	6584.9120	6744.3841	---	---
	Ant8	6665	159.38	6585.5839	6744.9600	---	---
	Ant9	6825	159.86	6744.4001	6904.2561	---	---
	Ant8	6825	159.89	6745.2000	6905.0880	---	---



	Ant9	6985	159.34	6904.3361	7063.6801	---	---
	Ant8	6985	158.93	6904.8480	7063.7761	---	---
11BE320MIMO	Ant9	6105	316.90	5946.2319	6263.1282	≤320	PASS
	Ant8	6105	316.64	5946.1679	6262.8082	≤320	PASS
	Ant9	6265	317.41	6105.7839	6423.1922	≤320	PASS
	Ant8	6265	317.28	6105.7199	6423.0002	≤320	PASS
	Ant9	6425	317.15	6266.1039	6583.2562	≤320	PASS
	Ant8	6425	317.09	6266.1679	6583.2562	≤320	PASS
	Ant9	6585	316.45	6426.0399	6742.4883	≤320	PASS
	Ant8	6585	317.09	6426.8718	6743.9601	≤320	PASS
	Ant9	6745	316.06	6585.5919	6901.6563	≤320	PASS
	Ant8	6745	316.70	6587.1278	6903.8321	≤320	PASS
	Ant9	6905	315.23	6745.1440	7060.3765	≤320	PASS
	Ant8	6905	315.68	6746.5518	7062.2323	≤320	PASS

Note1: For channels with a nominal bandwidth of 320MHz, compliance is demonstrated by way of the 99%BW.

Note2: For channels with a nominal bandwidth less than 320MHz(e.g 20,40,80,160MHz), compliance is demonstrated by way of the 26dB EBW.



Test Graphs

