

FCC AND ISED CERTIFICATION TEST REPORT

Report No.: DDT-B24043013-2E01

Applicant	:	Ruijie Networks Co., Ltd.
Address	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China
Equipment under Test	:	Wireless Access Point
Model No.	:	RG-RAP72Pro
Trade Mark	:	<i>Ruijie Ruijie</i> REYEE REYEE REYEE by Ruijie
FCC ID	:	2AX5J-RAP72PRO
IC	:	27676-RAP72PRO
Manufacturer	:	Ruijie Networks Co., Ltd.
Address	:	Building 19, Juyuanzhou Industrial Park, No. 618 Jinshan Road, Cangshan District, Fuzhou, Fujian, China

Issued By: Tianjin Dongdian Testing Service Co., Ltd.

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REPORT

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Test Report Declare

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Equipment under Test	:	Wireless Access Point
Model No.	:	RG-RAP72Pro
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Test Standard Used: FCC Rules and Regulations Part 15 Subpart C, RSS-247 Issue 3
August 2023.

Test procedure used: ANSI C63.10:2020, RSS-Gen Issue 5, KDB 558074 D01 15.247 Meas
Guidance v05r02

We Declare:

The equipment described above is tested by Tianjin Dongdian Testing Service Co., Ltd and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Tianjin Dongdian Testing Service Co., Ltd is assumed of full responsibility for the accuracy and completeness of these tests.

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

Report No:	DDT-B24043013-2E01		
Date of Receipt:	May 27, 2024	Date of Test:	May 27, 2024 ~ Jun. 29, 2024

Prepared By:

Sunny Zhang

Sunny Zhang/Engineer

Approved By:

Aaron Zhang

Aaron Zhang/Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Tianjin Dongdian Testing Service Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	Jun. 29, 2024	

1. Summary of Test Results

The EUT have been tested according to the applicable standards as referenced below.		
Description of Test Item	Standard	Verdict
6dB Bandwidth and 99% Bandwidth	FCC 15.247 (a) (2) RSS-247 Clause 5.2 (a)	Pass
Maximum Conducted Output Power	FCC 15.247 (b) (3) RSS-247 Clause 5.4 (e)	Pass
Power Spectral Density	FCC 15.247 (e) RSS-247 Clause 5.2 (b)	Pass
Band-edge and Spurious Emissions (Conducted)	FCC 15.247 (d) RSS-247 Clause 5.5	Pass
Radiated Spurious Emissions	FCC 15.247 (d) FCC 15.209 FCC 15.205 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Pass
Radiated Band Edge Compliance	FCC 15.247 (d) FCC 15.209 FCC 15.205 RSS-247 Clause 5.5 RSS-GEN Clause 8.9	Pass
Power Line Conducted Emission	FCC 15.207 RSS-GEN Clause 8.8	Pass
Antenna Requirement	FCC 15.203 RSS-GEN Clause 6.8	Pass

2. General Test Information

2.1. Description of EUT

EUT* Name	: Wireless Access Point
Test Model Number	: RG-RAP72Pro
EUT Function Description	: Please reference user manual of this device
Power supply	: 12V DC, 2.5A or PoE 54V DC, 0.5A
Radio Technology	: IEEE 802.11b/g/n/ax/be
Operation Frequency	: IEEE 802.11b: 2412MHz-2462MHz IEEE 802.11g: 2412MHz-2462MHz IEEE 802.11n HT20: 2412MHz-2462MHz IEEE 802.11n HT40: 2422MHz-2452MHz IEEE 802.11ax HE20: 2412MHz-2462MHz IEEE 802.11ax HE40: 2422MHz-2452MHz IEEE 802.11be EHT20: 2412MHz-2462MHz IEEE 802.11be EHT40: 2422MHz-2452MHz
Modulation	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: OFDM, OFDMA (1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK) IEEE 802.11be: OFDM, OFDMA (4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Transmitter Rate	: IEEE 802.11b: 1, 2, 5.5, 11 Mbps IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n: MCS0~MCS15 IEEE 802.11ax: MCS0~MCS11 IEEE 802.11be: MCS0~MCS13
Antenna Type	: PIFA antenna, maximum PK gain: Ant1 2.74dBi, Ant2 4.84dBi
SISO Mode	: ☒ 11b ☒ 11g ☒ 11n ☒ 11ax ☒ 11be
MIMO Mode	: ☐ 11b ☐ 11g ☒ 11n ☒ 11ax ☒ 11be

Note1: EUT is the ab. of equipment under test.

Note2: The EUT supports MIMO, antenna gains are not equal, Directional gain was calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain.

So Directional gain = GANT+ Array Gain, where Array Gain is as follows:

For power measurements, Array Gain = 0 dB (NANT ≤ 4), so the Directional gain=4.84.

Channel information					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447	/	/

Note1: 802.11ax support full RU tone and partial RU tone.

Note2: 802.11be support full RU tone and partial RU tone, both full RU and partial RU are tested for Conducted Power and PSD, according to TCB Workshop, if Partial_RU PSD <

Full_RU PSD, perform additional testing on that Partial_RU modes for band edge and spurious emissions. According to MRU combination, 52+26_Tone MRU (Index 1, 2 and 3) represents 52+26_Tone MRU (Index 4, 5 and 6), so Partial_RU modes tested MRU combination 52+26_Tone MRU (Index 1, 2 and 3), 106+26_Tone MRU (Index 1, 2, 3 and 4)
Note3: only the worse cases are shown in this report.

Indices for small size MRUs in an OFDMA 20 MHz EHT PPDU

MRU type	MRU index	MRU combination
52+26-tone MRU	MRU 1	52-tone RU 2 + 26-tone RU 2
	MRU 2	52-tone RU 2 + 26-tone RU 5
	MRU 3	52-tone RU 3 + 26-tone RU 8
106+26-tone MRU	MRU 1	106-tone RU 1 + 26-tone RU 5
	MRU 2	106-tone RU 2 + 26-tone RU 5

Indices for small size MRUs in an OFDMA 40 MHz EHT PPDU

MRU type	MRU index	MRU combination
52+26-tone MRU	MRU 1	52-tone RU 2 + 26-tone RU 2
	MRU 2	52-tone RU 2 + 26-tone RU 5
	MRU 3	52-tone RU 3 + 26-tone RU 8
	MRU 4	52-tone RU 6 + 26-tone RU 11
	MRU 5	52-tone RU 6 + 26-tone RU 14
	MRU 6	52-tone RU 7 + 26-tone RU 17
106+26-tone MRU	MRU 1	106-tone RU 1 + 26-tone RU 5
	MRU 2	106-tone RU 2 + 26-tone RU 5
	MRU 3	106-tone RU 3 + 26-tone RU 14
	MRU 4	106-tone RU 4 + 26-tone RU 14

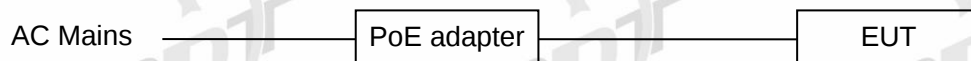
2.2. Accessories of EUT

Description of Accessories	Manufacturer	Model number	Description
N/A	N/A	N/A	N/A

2.3. Assistant equipment used for test

Assistant equipment	Manufacturer	Model number	Description	SN
Notebook	Lenovo Beijing Co. Ltd.	ThinkPad	N/A	TP00067A
PoE adapter	Yingju	AD-560062T0E		N/A

2.4. Block diagram of EUT configuration for test



Run the special test software “QATool_Dbg.exe” provided by manufacturer to control EUT work in Continuous Tx mode, and select test channel, wireless mode and data rate.

Tested mode, channel, setting Tx power and rand data rate information				
Mode	Setting Tx Power	Data rate (Mbps) (See Note)	Channel	Frequency (MHz)
IEEE 802.11b	2C	1	LCH: CH1	2412
	2C	1	MCH: CH6	2437
	2C	1	HCH: CH11	2462
IEEE 802.11g	26	6	LCH: CH1	2412
	26	6	MCH: CH6	2437
	26	6	HCH: CH11	2462
IEEE 802.11n HT20	24	MCS 8	LCH: CH1	2412
	24	MCS 8	MCH: CH6	2437
	24	MCS 8	HCH: CH11	2462
IEEE 802.11n HT40	24	MCS 8	LCH: CH3	2422
	24	MCS 8	MCH: CH6	2437
	24	MCS 8	HCH: CH9	2452
IEEE 802.11ax HE20	24	MCS 0	LCH: CH1	2412
	24	MCS 0	MCH: CH6	2437
	24	MCS 0	HCH: CH11	2462
IEEE 802.11ax HE40	24	MCS 0	LCH: CH3	2422
	24	MCS 0	MCH: CH6	2437
	24	MCS 0	HCH: CH9	2452
IEEE 802.11ax EHT20	24	MCS 0	LCH: CH1	2412
	24	MCS 0	MCH: CH6	2437
	24	MCS 0	HCH: CH11	2462
IEEE 802.11ax EHT40	24	MCS 0	LCH: CH3	2422
	24	MCS 0	MCH: CH6	2437
	24	MCS 0	HCH: CH9	2452

Note1: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

Mode	RU	Index	Frequency	Power Setting
ax20	26	0	2412	
			2437	
			2462	
		4	2412	
			2437	
			2462	
		8	2412	
			2437	
			2462	
	52	37	2412	
			2437	
			2462	
		38	2412	
			2437	
			2462	
		40	2412	
			2437	
			2462	
ax40	26	0	2412	
			2437	
			2452	
		4	2422	
			2437	
			2452	
		8	2422	
			2437	
			2452	
	52	37	2422	
			2437	
			2452	
		38	2422	
			2437	
			2452	
		40	2422	
			2437	
			2452	
	106	53	2422	
			2437	
			2452	
		54	2422	
			2437	
			2452	

		56	2437	
			2452	
			2422	
		61	2437	
			2452	
			2422	
	242	61	2437	
			2452	
			2422	
		62	2437	
			2452	
			2422	

Mode	RMU Type	NRU Index	Frequency	Power Setting
be20	52+26-tone MRU	1	2412	
			2437	
			2462	
		2	2412	
			2437	
			2462	
	106+26-tone MRU	3	2412	
			2437	
			2462	
		1	2412	
			2437	
			2462	
be40	52+26-tone MRU	1	2412	
			2437	
			2462	
		2	2412	
			2437	
			2462	
		3	2412	
			2437	
			2462	
		4	2412	
			2437	
			2462	
		5	2412	
			2437	
			2462	
		6	2412	
			2437	
			2462	

106+26-tone MRU	1	2412	
		2437	
		2462	
	2	2412	
		2437	
		2462	
	3	2412	
		2437	
		2462	
	4	2412	
		2437	
		2462	

2.5. Deviations of test standard

No Deviation

2.6. Test environment conditions

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

Temperature range:	21-28℃
Humidity range:	20-75%
Pressure range:	86-106kPa

2.7. Test laboratory

Tianjin Dongdian Testing Service Co., Ltd.

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NVLAP (National Voluntary Laboratory Accreditation Program) CODE: 500036-0

CNAS (China National Accreditation Service for Conformity Assessment) CODE: L13402

FCC Designation Number: CN5004; FCC Test Firm Registration Number: 368676

ISED (Innovation, Science and Economic Development Canada) Company Number: 27768

Conformity Assessment Body Identifier: CN0125

VCCI Facility Registration Number: C-20089, T-20093, R-20125, G-20122

2.8. Measurement uncertainty

Test Item	Uncertainty
Bandwidth	0.14%
Peak Output Power (Conducted) (Spectrum Analyzer)	0.12 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);
	0.32 dB ($3.6 \text{ GHz} \leq f < 8 \text{ GHz}$)
Peak Output Power (Conducted) (Power Sensor)	0.51 dB
Power Spectral Density	0.12 dB ($10 \text{ MHz} \leq f < 3.6 \text{ GHz}$);

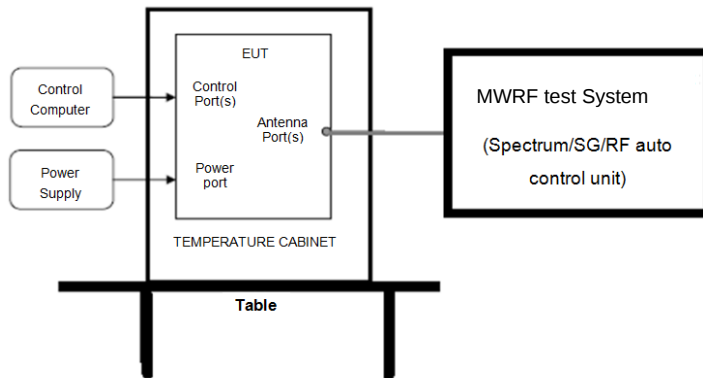
	0.32 dB (3.6 GHz ≤ f < 8 GHz)
Frequencies Stability	6.7 × 10 ⁻⁸ (Antenna couple method)
	3.4 × 10 ⁻⁸ (Conducted method)
Conducted Spurious Emissions	0.12 dB (10 MHz ≤ f < 3.6 GHz);
	0.32 dB (3.6 GHz ≤ f < 8 GHz)
	0.52 dB (8 GHz ≤ f < 22 GHz)
Uncertainty for Radio Frequency (RBW < 20 kHz)	3×10 ⁻⁷
Temperature	±2°C
Humidity	±1%
Uncertainty for Radiation Emission Test (30 MHz - 1 GHz)	2.72 dB (Antenna Polarize: V)
	2.72 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission Test (1 GHz - 40 GHz)	2.74 dB (1 - 6 GHz)
	2.72 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power Line Conduction Emission Test	3.40 dB (150 kHz - 30 MHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
RF Connected Test (MWRFTest system)					
EXG Analog Signal Generator	Keysight	N5173B	MY53270968	2024/03/22	1 Year
MXG Vector Signal Generator	Keysight	N5182A	MY50143288	2024/02/21	1 Year
PXA Signal Analyzer	Keysight	N9030B	MY56320639	2024/04/01	1 Year
Wideband Radio Communication Tester	R&S	CMW500	158800	2024/02/21	1 Year
Power Sensor	KEYSIGHT	U2021XA	MY59150007	2024/02/21	1 Year
DC Power Supply	inSTEK	PSP-2010	EN122317	2024/02/03	1 Year
Test Software	MWRFTest	MTS8310	V03	N/A	N/A
Radiated Emission -10m EMI Chamber					
Broadband Horn Antenna	TESEQ	BHA 9118	31754	2023/10/11	1 Year
Broad Band Horn Antenna	Com-Power	AHA-840	10100024	2023/10/16	2 Year
Active Loop Antenna	R&S	HFH2-Z2	100269	2022/07/11	2 Year
Amplifier	CMO-MW	DPA8 1000 1800	09211739	2024/02/18	1 Year
EMI Test Receiver	R&S	ESCI	101024	2024/02/18	1 Year
EMI Test Receiver	R&S	ESCI	101030	2024/02/18	1 Year
EMI Test Receiver	R&S	ESU26	100244	2024/02/18	1 Year
EXA Signal Analyzer	Keysight	N9010A	MY53281492	2024/02/21	1 Year
Bilog Antenna	TESEQ	CBL6112D	29068	2022/10/10	2 Year
Bilog Antenna	TESEQ	CBL6112D	29069	2022/10/10	2 Year
Amplifier	Sonoma	310N	300913	2024/02/18	1 Year
Amplifier	Sonoma	310N	334532	2024/02/18	1 Year
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Ant Mast	Innco	MA4000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
Mast Controller	Innco	CO2000	N/A	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector1	N/A	N/A
RF Selector 4CH	TOYO	NS4904N	Selector2	N/A	N/A
Test software	TOYO	EP5/RSE	Ver 1.9.1	N/A	N/A
Test software	Audix	E3	V 6.11111b	N/A	N/A
Power Line Conducted Emissions Test					
Test Receiver	R&S	ESCI	101395	2024/02/18	1 Year
LISN	R&S	ENV216	101122	2024/02/18	1 Year
Test software	TOYO	EP5/CE	V 5.4.40	N/A	N/A

4. 6dB Bandwidth and 99% Bandwidth

4.1. Block diagram of test setup



4.2. Limits

For direct sequence systems, the minimum 6 dB bandwidth shall be at least 500 kHz

4.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) 99% Bandwidth set the spectrum analyzer as follows:

RBW:	1% to 5% of the OBW
VBW:	Three times the RBW
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(3) 6dB Bandwidth set the spectrum analyzer as follows:

RBW:	100 kHz
VBW:	300 kHz
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(4) Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

4.4. Test result

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.068	≥ 0.5	Pass
NVNT	b	2437	Ant1	8.056	≥ 0.5	Pass
NVNT	b	2462	Ant1	8.011	≥ 0.5	Pass
NVNT	b	2412	Ant2	7.516	≥ 0.5	Pass
NVNT	b	2437	Ant2	7.561	≥ 0.5	Pass
NVNT	b	2462	Ant2	8.038	≥ 0.5	Pass
NVNT	g	2412	Ant1	15.24	≥ 0.5	Pass
NVNT	g	2437	Ant1	15.66	≥ 0.5	Pass
NVNT	g	2462	Ant1	15.89	≥ 0.5	Pass
NVNT	g	2412	Ant2	15.06	≥ 0.5	Pass
NVNT	g	2437	Ant2	15.67	≥ 0.5	Pass
NVNT	g	2462	Ant2	15.69	≥ 0.5	Pass
NVNT	ax20	2412	Ant1	16.52	≥ 0.5	Pass
NVNT	ax20	2412	Ant2	15.04	≥ 0.5	Pass
NVNT	ax20	2437	Ant1	16.81	≥ 0.5	Pass
NVNT	ax20	2437	Ant2	16.56	≥ 0.5	Pass
NVNT	ax20	2462	Ant1	18.51	≥ 0.5	Pass
NVNT	ax20	2462	Ant2	17.97	≥ 0.5	Pass
NVNT	ax40	2422	Ant1	36.35	≥ 0.5	Pass
NVNT	ax40	2422	Ant2	35.61	≥ 0.5	Pass
NVNT	ax40	2437	Ant1	32.56	≥ 0.5	Pass
NVNT	ax40	2437	Ant2	32.57	≥ 0.5	Pass
NVNT	ax40	2452	Ant1	22.56	≥ 0.5	Pass
NVNT	ax40	2452	Ant2	18.80	≥ 0.5	Pass
NVNT	be20	2412	Ant1	16.28	≥ 0.5	Pass
NVNT	be20	2412	Ant2	14.78	≥ 0.5	Pass
NVNT	be20	2437	Ant1	16.79	≥ 0.5	Pass
NVNT	be20	2437	Ant2	16.62	≥ 0.5	Pass
NVNT	be20	2462	Ant1	18.23	≥ 0.5	Pass
NVNT	be20	2462	Ant2	17.81	≥ 0.5	Pass
NVNT	be40	2422	Ant1	36.35	≥ 0.5	Pass
NVNT	be40	2422	Ant2	35.84	≥ 0.5	Pass
NVNT	be40	2437	Ant1	33.81	≥ 0.5	Pass
NVNT	be40	2437	Ant2	32.56	≥ 0.5	Pass
NVNT	be40	2452	Ant1	20.07	≥ 0.5	Pass
NVNT	be40	2452	Ant2	20.08	≥ 0.5	Pass
NVNT	n20	2412	Ant1	14.39	≥ 0.5	Pass
NVNT	n20	2412	Ant2	15.68	≥ 0.5	Pass
NVNT	n20	2437	Ant1	16.04	≥ 0.5	Pass
NVNT	n20	2437	Ant2	15.93	≥ 0.5	Pass
NVNT	n20	2462	Ant1	16.63	≥ 0.5	Pass
NVNT	n20	2462	Ant2	16.75	≥ 0.5	Pass

NVNT	n40	2422	Ant1	35.10	≥ 0.5	Pass
NVNT	n40	2422	Ant2	35.10	≥ 0.5	Pass
NVNT	n40	2437	Ant1	32.55	≥ 0.5	Pass
NVNT	n40	2437	Ant2	32.57	≥ 0.5	Pass
NVNT	n40	2452	Ant1	20.06	≥ 0.5	Pass
NVNT	n40	2452	Ant2	20.08	≥ 0.5	Pass
NVNT	ax20 26RU Index 0	2412	Ant1	10.72	≥ 0.5	Pass
NVNT	ax20 26RU Index 0	2412	Ant2	8.22	≥ 0.5	Pass
NVNT	ax20 26RU Index 0	2437	Ant1	16.99	≥ 0.5	Pass
NVNT	ax20 26RU Index 0	2437	Ant2	16.98	≥ 0.5	Pass
NVNT	ax20 26RU Index 0	2462	Ant1	8.20	≥ 0.5	Pass
NVNT	ax20 26RU Index 0	2462	Ant2	10.73	≥ 0.5	Pass
NVNT	ax20 26RU Index 4	2412	Ant1	2.73	≥ 0.5	Pass
NVNT	ax20 26RU Index 4	2412	Ant2	2.71	≥ 0.5	Pass
NVNT	ax20 26RU Index 4	2437	Ant1	2.71	≥ 0.5	Pass
NVNT	ax20 26RU Index 4	2437	Ant2	2.75	≥ 0.5	Pass
NVNT	ax20 26RU Index 4	2462	Ant1	2.72	≥ 0.5	Pass
NVNT	ax20 26RU Index 4	2462	Ant2	2.71	≥ 0.5	Pass
NVNT	ax20 26RU Index 8	2412	Ant1	16.98	≥ 0.5	Pass
NVNT	ax20 26RU Index 8	2412	Ant2	16.98	≥ 0.5	Pass
NVNT	ax20 26RU Index 8	2437	Ant1	8.21	≥ 0.5	Pass
NVNT	ax20 26RU Index 8	2437	Ant2	10.71	≥ 0.5	Pass
NVNT	ax20 26RU Index 8	2462	Ant1	14.47	≥ 0.5	Pass
NVNT	ax20 26RU Index 8	2462	Ant2	10.67	≥ 0.5	Pass
NVNT	ax20 52RU Index 37	2412	Ant1	4.04	≥ 0.5	Pass
NVNT	ax20 52RU Index 37	2412	Ant2	7.88	≥ 0.5	Pass
NVNT	ax20 52RU Index 37	2437	Ant1	12.86	≥ 0.5	Pass
NVNT	ax20 52RU Index 37	2437	Ant2	12.86	≥ 0.5	Pass
NVNT	ax20 52RU Index 37	2462	Ant1	7.86	≥ 0.5	Pass
NVNT	ax20 52RU Index 37	2462	Ant2	11.30	≥ 0.5	Pass
NVNT	ax20 52RU Index 38	2412	Ant1	4.09	≥ 0.5	Pass
NVNT	ax20 52RU Index 38	2412	Ant2	4.15	≥ 0.5	Pass
NVNT	ax20 52RU Index 38	2437	Ant1	12.84	≥ 0.5	Pass
NVNT	ax20 52RU Index 38	2437	Ant2	12.83	≥ 0.5	Pass
NVNT	ax20 52RU Index 38	2462	Ant1	4.07	≥ 0.5	Pass
NVNT	ax20 52RU Index 38	2462	Ant2	10.37	≥ 0.5	Pass
NVNT	ax20 52RU Index 40	2412	Ant1	16.94	≥ 0.5	Pass
NVNT	ax20 52RU Index 40	2412	Ant2	17.53	≥ 0.5	Pass
NVNT	ax20 52RU Index 40	2437	Ant1	11.95	≥ 0.5	Pass
NVNT	ax20 52RU Index 40	2437	Ant2	10.69	≥ 0.5	Pass
NVNT	ax20 52RU Index 40	2462	Ant1	16.95	≥ 0.5	Pass
NVNT	ax20 52RU Index 40	2462	Ant2	16.98	≥ 0.5	Pass
NVNT	ax20 106RU Index 53	2412	Ant1	14.28	≥ 0.5	Pass
NVNT	ax20 106RU Index 53	2412	Ant2	14.28	≥ 0.5	Pass
NVNT	ax20 106RU Index 53	2437	Ant1	16.85	≥ 0.5	Pass
NVNT	ax20 106RU Index 53	2437	Ant2	16.40	≥ 0.5	Pass
NVNT	ax20 106RU Index 53	2462	Ant1	16.90	≥ 0.5	Pass
NVNT	ax20 106RU Index 53	2462	Ant2	17.04	≥ 0.5	Pass
NVNT	ax20 106RU Index 54	2412	Ant1	15.32	≥ 0.5	Pass
NVNT	ax20 106RU Index 54	2412	Ant2	15.80	≥ 0.5	Pass

NVNT	ax20 106RU Index 54	2437	Ant1	15.73	≥ 0.5	Pass
NVNT	ax20 106RU Index 54	2437	Ant2	15.79	≥ 0.5	Pass
NVNT	ax20 106RU Index 54	2462	Ant1	16.90	≥ 0.5	Pass
NVNT	ax20 106RU Index 54	2462	Ant2	17.06	≥ 0.5	Pass
NVNT	ax40 26RU Index 0	2422	Ant1	1.99	≥ 0.5	Pass
NVNT	ax40 26RU Index 0	2422	Ant2	2.07	≥ 0.5	Pass
NVNT	ax40 26RU Index 0	2437	Ant1	31.57	≥ 0.5	Pass
NVNT	ax40 26RU Index 0	2437	Ant2	34.03	≥ 0.5	Pass
NVNT	ax40 26RU Index 0	2452	Ant1	25.29	≥ 0.5	Pass
NVNT	ax40 26RU Index 0	2452	Ant2	24.08	≥ 0.5	Pass
NVNT	ax40 26RU Index 8	2422	Ant1	1.98	≥ 0.5	Pass
NVNT	ax40 26RU Index 8	2422	Ant2	2.00	≥ 0.5	Pass
NVNT	ax40 26RU Index 8	2437	Ant1	2.00	≥ 0.5	Pass
NVNT	ax40 26RU Index 8	2437	Ant2	2.02	≥ 0.5	Pass
NVNT	ax40 26RU Index 8	2452	Ant1	1.97	≥ 0.5	Pass
NVNT	ax40 26RU Index 8	2452	Ant2	1.99	≥ 0.5	Pass
NVNT	ax40 26RU Index 17	2422	Ant1	2.05	≥ 0.5	Pass
NVNT	ax40 26RU Index 17	2422	Ant2	24.07	≥ 0.5	Pass
NVNT	ax40 26RU Index 17	2437	Ant1	15.30	≥ 0.5	Pass
NVNT	ax40 26RU Index 17	2437	Ant2	15.27	≥ 0.5	Pass
NVNT	ax40 26RU Index 17	2452	Ant1	25.31	≥ 0.5	Pass
NVNT	ax40 26RU Index 17	2452	Ant2	26.56	≥ 0.5	Pass
NVNT	ax40 52RU Index 37	2422	Ant1	13.94	≥ 0.5	Pass
NVNT	ax40 52RU Index 37	2422	Ant2	16.52	≥ 0.5	Pass
NVNT	ax40 52RU Index 37	2437	Ant1	34.05	≥ 0.5	Pass
NVNT	ax40 52RU Index 37	2437	Ant2	35.30	≥ 0.5	Pass
NVNT	ax40 52RU Index 37	2452	Ant1	27.68	≥ 0.5	Pass
NVNT	ax40 52RU Index 37	2452	Ant2	27.80	≥ 0.5	Pass
NVNT	ax40 52RU Index 41	2422	Ant1	4.04	≥ 0.5	Pass
NVNT	ax40 52RU Index 41	2422	Ant2	4.08	≥ 0.5	Pass
NVNT	ax40 52RU Index 41	2437	Ant1	4.08	≥ 0.5	Pass
NVNT	ax40 52RU Index 41	2437	Ant2	4.08	≥ 0.5	Pass
NVNT	ax40 52RU Index 41	2452	Ant1	4.03	≥ 0.5	Pass
NVNT	ax40 52RU Index 41	2452	Ant2	4.09	≥ 0.5	Pass
NVNT	ax40 52RU Index 44	2422	Ant1	35.29	≥ 0.5	Pass
NVNT	ax40 52RU Index 44	2422	Ant2	35.29	≥ 0.5	Pass
NVNT	ax40 52RU Index 44	2437	Ant1	21.44	≥ 0.5	Pass
NVNT	ax40 52RU Index 44	2437	Ant2	21.42	≥ 0.5	Pass
NVNT	ax40 52RU Index 44	2452	Ant1	27.80	≥ 0.5	Pass
NVNT	ax40 52RU Index 44	2452	Ant2	27.83	≥ 0.5	Pass
NVNT	ax40 106RU Index 53	2422	Ant1	22.65	≥ 0.5	Pass
NVNT	ax40 106RU Index 53	2422	Ant2	23.90	≥ 0.5	Pass
NVNT	ax40 106RU Index 53	2437	Ant1	36.50	≥ 0.5	Pass
NVNT	ax40 106RU Index 53	2437	Ant2	36.53	≥ 0.5	Pass
NVNT	ax40 106RU Index 53	2452	Ant1	27.59	≥ 0.5	Pass
NVNT	ax40 106RU Index 53	2452	Ant2	27.06	≥ 0.5	Pass
NVNT	ax40 106RU Index 54	2422	Ant1	8.21	≥ 0.5	Pass
NVNT	ax40 106RU Index 54	2422	Ant2	18.76	≥ 0.5	Pass
NVNT	ax40 106RU Index 54	2437	Ant1	21.04	≥ 0.5	Pass
NVNT	ax40 106RU Index 54	2437	Ant2	20.95	≥ 0.5	Pass

NVNT	ax40 106RU Index 54	2452	Ant1	8.21	≥ 0.5	Pass
NVNT	ax40 106RU Index 54	2452	Ant2	8.20	≥ 0.5	Pass
NVNT	ax40 106RU Index 56	2422	Ant1	36.51	≥ 0.5	Pass
NVNT	ax40 106RU Index 56	2422	Ant2	36.58	≥ 0.5	Pass
NVNT	ax40 106RU Index 56	2437	Ant1	21.10	≥ 0.5	Pass
NVNT	ax40 106RU Index 56	2437	Ant2	23.80	≥ 0.5	Pass
NVNT	ax40 106RU Index 56	2452	Ant1	30.23	≥ 0.5	Pass
NVNT	ax40 106RU Index 56	2452	Ant2	30.11	≥ 0.5	Pass
NVNT	ax40 242RU Index 61	2422	Ant1	33.97	≥ 0.5	Pass
NVNT	ax40 242RU Index 61	2422	Ant2	31.33	≥ 0.5	Pass
NVNT	ax40 242RU Index 61	2437	Ant1	35.28	≥ 0.5	Pass
NVNT	ax40 242RU Index 61	2437	Ant2	35.80	≥ 0.5	Pass
NVNT	ax40 242RU Index 61	2452	Ant1	22.24	≥ 0.5	Pass
NVNT	ax40 242RU Index 61	2452	Ant2	17.55	≥ 0.5	Pass
NVNT	ax40 242RU Index 62	2422	Ant1	36.34	≥ 0.5	Pass
NVNT	ax40 242RU Index 62	2422	Ant2	36.39	≥ 0.5	Pass
NVNT	ax40 242RU Index 62	2437	Ant1	25.54	≥ 0.5	Pass
NVNT	ax40 242RU Index 62	2437	Ant2	22.80	≥ 0.5	Pass
NVNT	ax40 242RU Index 62	2452	Ant1	29.05	≥ 0.5	Pass
NVNT	ax40 242RU Index 62	2452	Ant2	23.82	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2412	Ant1	10.04	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2412	Ant2	12.56	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2437	Ant1	13.82	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2437	Ant2	14.43	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2462	Ant1	15.07	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2462	Ant2	15.10	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2412	Ant1	12.54	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2412	Ant2	12.55	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2437	Ant1	14.88	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2437	Ant2	15.68	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2462	Ant1	15.08	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+1	2462	Ant2	15.08	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+4	2412	Ant1	10.04	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+4	2412	Ant2	12.56	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+4	2437	Ant1	13.82	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+4	2437	Ant2	14.43	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+4	2462	Ant1	15.07	≥ 0.5	Pass
NVNT	be20 52+26RU Index 38+4	2462	Ant2	15.10	≥ 0.5	Pass
NVNT	be20 52+26RU Index 39+7	2412	Ant1	14.89	≥ 0.5	Pass
NVNT	be20 52+26RU Index 39+7	2412	Ant2	15.08	≥ 0.5	Pass
NVNT	be20 52+26RU Index 39+7	2437	Ant1	12.58	≥ 0.5	Pass
NVNT	be20 52+26RU Index 39+7	2437	Ant2	12.56	≥ 0.5	Pass
NVNT	be20 52+26RU Index 39+7	2462	Ant1	15.10	≥ 0.5	Pass
NVNT	be20 52+26RU Index 39+7	2462	Ant2	15.10	≥ 0.5	Pass
NVNT	be20 106+26RU Index 53+4	2412	Ant1	16.98	≥ 0.5	Pass
NVNT	be20 106+26RU Index 53+4	2412	Ant2	16.97	≥ 0.5	Pass
NVNT	be20 106+26RU Index 53+4	2437	Ant1	17.55	≥ 0.5	Pass
NVNT	be20 106+26RU Index 53+4	2437	Ant2	17.52	≥ 0.5	Pass
NVNT	be20 106+26RU Index 53+4	2462	Ant1	17.06	≥ 0.5	Pass
NVNT	be20 106+26RU Index 53+4	2462	Ant2	17.89	≥ 0.5	Pass

NVNT	be20 106+26RU Index 54+4	2412	Ant1	16.22	≥ 0.5	Pass
NVNT	be20 106+26RU Index 54+4	2412	Ant2	15.65	≥ 0.5	Pass
NVNT	be20 106+26RU Index 54+4	2437	Ant1	15.77	≥ 0.5	Pass
NVNT	be20 106+26RU Index 54+4	2437	Ant2	16.99	≥ 0.5	Pass
NVNT	be20 106+26RU Index 54+4	2462	Ant1	17.06	≥ 0.5	Pass
NVNT	be20 106+26RU Index 54+4	2462	Ant2	17.07	≥ 0.5	Pass
NVNT	be40 106+26RU Index 55+13	2422	Ant1	35.07	≥ 0.5	Pass
NVNT	be40 106+26RU Index 55+13	2422	Ant2	32.55	≥ 0.5	Pass
NVNT	be40 106+26RU Index 55+13	2437	Ant1	14.75	≥ 0.5	Pass
NVNT	be40 106+26RU Index 55+13	2437	Ant2	21.28	≥ 0.5	Pass
NVNT	be40 106+26RU Index 55+13	2452	Ant1	19.33	≥ 0.5	Pass
NVNT	be40 106+26RU Index 55+13	2452	Ant2	17.66	≥ 0.5	Pass
NVNT	be40 106+26RU Index 56+13	2422	Ant1	37.38	≥ 0.5	Pass
NVNT	be40 106+26RU Index 56+13	2422	Ant2	36.59	≥ 0.5	Pass
NVNT	be40 106+26RU Index 56+13	2437	Ant1	16.25	≥ 0.5	Pass
NVNT	be40 106+26RU Index 56+13	2437	Ant2	26.39	≥ 0.5	Pass
NVNT	be40 106+26RU Index 56+13	2452	Ant1	31.45	≥ 0.5	Pass
NVNT	be40 106+26RU Index 56+13	2452	Ant2	33.96	≥ 0.5	Pass

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.213
NVNT	b	2437	Ant1	12.538
NVNT	b	2462	Ant1	12.736
NVNT	b	2412	Ant2	12.241
NVNT	b	2437	Ant2	12.541
NVNT	b	2462	Ant2	12.736
NVNT	g	2412	Ant1	16.100
NVNT	g	2437	Ant1	16.238
NVNT	g	2462	Ant1	16.307
NVNT	g	2412	Ant2	16.106
NVNT	g	2437	Ant2	16.232
NVNT	g	2462	Ant2	16.309
NVNT	ax20	2412	Ant1	18.544
NVNT	ax20	2412	Ant2	18.574
NVNT	ax20	2437	Ant1	18.682
NVNT	ax20	2437	Ant2	18.692
NVNT	ax20	2462	Ant1	18.773
NVNT	ax20	2462	Ant2	18.803
NVNT	ax40	2422	Ant1	37.545
NVNT	ax40	2422	Ant2	37.531
NVNT	ax40	2437	Ant1	37.259
NVNT	ax40	2437	Ant2	37.258
NVNT	ax40	2452	Ant1	36.913
NVNT	ax40	2452	Ant2	36.915
NVNT	be20	2412	Ant1	18.551
NVNT	be20	2412	Ant2	18.573
NVNT	be20	2437	Ant1	18.685

NVNT	be20	2437	Ant2	18.691
NVNT	be20	2462	Ant1	18.786
NVNT	be20	2462	Ant2	18.804
NVNT	be40	2422	Ant1	37.534
NVNT	be40	2422	Ant2	37.494
NVNT	be40	2437	Ant1	37.255
NVNT	be40	2437	Ant2	37.233
NVNT	be40	2452	Ant1	36.905
NVNT	be40	2452	Ant2	36.951
NVNT	n20	2412	Ant1	17.183
NVNT	n20	2412	Ant2	17.219
NVNT	n20	2437	Ant1	17.316
NVNT	n20	2437	Ant2	17.339
NVNT	n20	2462	Ant1	17.420
NVNT	n20	2462	Ant2	17.457
NVNT	n40	2422	Ant1	35.852
NVNT	n40	2422	Ant2	35.790
NVNT	n40	2437	Ant1	35.554
NVNT	n40	2437	Ant2	35.440
NVNT	n40	2452	Ant1	35.241
NVNT	n40	2452	Ant2	35.217
NVNT	ax20 26RU Index 0	2412	Ant1	17.694
NVNT	ax20 26RU Index 0	2412	Ant2	17.749
NVNT	ax20 26RU Index 0	2437	Ant1	18.154
NVNT	ax20 26RU Index 0	2437	Ant2	18.185
NVNT	ax20 26RU Index 0	2462	Ant1	18.035
NVNT	ax20 26RU Index 0	2462	Ant2	18.012
NVNT	ax20 26RU Index 4	2412	Ant1	16.376
NVNT	ax20 26RU Index 4	2412	Ant2	16.424
NVNT	ax20 26RU Index 4	2437	Ant1	16.676
NVNT	ax20 26RU Index 4	2437	Ant2	16.664
NVNT	ax20 26RU Index 4	2462	Ant1	16.916
NVNT	ax20 26RU Index 4	2462	Ant2	16.906
NVNT	ax20 26RU Index 8	2412	Ant1	18.090
NVNT	ax20 26RU Index 8	2412	Ant2	18.081
NVNT	ax20 26RU Index 8	2437	Ant1	17.837
NVNT	ax20 26RU Index 8	2437	Ant2	17.735
NVNT	ax20 26RU Index 8	2462	Ant1	18.093
NVNT	ax20 26RU Index 8	2462	Ant2	18.144
NVNT	ax20 52RU Index 37	2412	Ant1	16.300
NVNT	ax20 52RU Index 37	2412	Ant2	16.437
NVNT	ax20 52RU Index 37	2437	Ant1	16.838
NVNT	ax20 52RU Index 37	2437	Ant2	16.827
NVNT	ax20 52RU Index 37	2462	Ant1	16.935
NVNT	ax20 52RU Index 37	2462	Ant2	16.930
NVNT	ax20 52RU Index 38	2412	Ant1	16.342
NVNT	ax20 52RU Index 38	2412	Ant2	16.418
NVNT	ax20 52RU Index 38	2437	Ant1	16.847
NVNT	ax20 52RU Index 38	2437	Ant2	16.784
NVNT	ax20 52RU Index 38	2462	Ant1	16.922
NVNT	ax20 52RU Index 38	2462	Ant2	16.912
NVNT	ax20 52RU Index 40	2412	Ant1	17.993

NVNT	ax20 52RU Index 40	2412	Ant2	18.031
NVNT	ax20 52RU Index 40	2437	Ant1	17.745
NVNT	ax20 52RU Index 40	2437	Ant2	17.622
NVNT	ax20 52RU Index 40	2462	Ant1	18.039
NVNT	ax20 52RU Index 40	2462	Ant2	18.067
NVNT	ax20 106RU Index 53	2412	Ant1	17.509
NVNT	ax20 106RU Index 53	2412	Ant2	17.559
NVNT	ax20 106RU Index 53	2437	Ant1	18.023
NVNT	ax20 106RU Index 53	2437	Ant2	18.021
NVNT	ax20 106RU Index 53	2462	Ant1	17.940
NVNT	ax20 106RU Index 53	2462	Ant2	17.963
NVNT	ax20 106RU Index 54	2412	Ant1	17.930
NVNT	ax20 106RU Index 54	2412	Ant2	17.910
NVNT	ax20 106RU Index 54	2437	Ant1	17.763
NVNT	ax20 106RU Index 54	2437	Ant2	17.625
NVNT	ax20 106RU Index 54	2462	Ant1	18.023
NVNT	ax20 106RU Index 54	2462	Ant2	18.061
NVNT	ax40 26RU Index 0	2422	Ant1	37.314
NVNT	ax40 26RU Index 0	2422	Ant2	37.351
NVNT	ax40 26RU Index 0	2437	Ant1	37.520
NVNT	ax40 26RU Index 0	2437	Ant2	37.498
NVNT	ax40 26RU Index 0	2452	Ant1	37.403
NVNT	ax40 26RU Index 0	2452	Ant2	37.425
NVNT	ax40 26RU Index 8	2422	Ant1	36.041
NVNT	ax40 26RU Index 8	2422	Ant2	36.029
NVNT	ax40 26RU Index 8	2437	Ant1	35.175
NVNT	ax40 26RU Index 8	2437	Ant2	35.069
NVNT	ax40 26RU Index 8	2452	Ant1	33.531
NVNT	ax40 26RU Index 8	2452	Ant2	33.660
NVNT	ax40 26RU Index 17	2422	Ant1	37.625
NVNT	ax40 26RU Index 17	2422	Ant2	37.570
NVNT	ax40 26RU Index 17	2437	Ant1	37.151
NVNT	ax40 26RU Index 17	2437	Ant2	37.101
NVNT	ax40 26RU Index 17	2452	Ant1	36.904
NVNT	ax40 26RU Index 17	2452	Ant2	37.071
NVNT	ax40 52RU Index 37	2422	Ant1	37.159
NVNT	ax40 52RU Index 37	2422	Ant2	37.157
NVNT	ax40 52RU Index 37	2437	Ant1	37.380
NVNT	ax40 52RU Index 37	2437	Ant2	37.296
NVNT	ax40 52RU Index 37	2452	Ant1	37.233
NVNT	ax40 52RU Index 37	2452	Ant2	37.297
NVNT	ax40 52RU Index 41	2422	Ant1	36.037
NVNT	ax40 52RU Index 41	2422	Ant2	36.045
NVNT	ax40 52RU Index 41	2437	Ant1	34.779
NVNT	ax40 52RU Index 41	2437	Ant2	34.948
NVNT	ax40 52RU Index 41	2452	Ant1	34.014
NVNT	ax40 52RU Index 41	2452	Ant2	34.270
NVNT	ax40 52RU Index 44	2422	Ant1	37.481
NVNT	ax40 52RU Index 44	2422	Ant2	37.410
NVNT	ax40 52RU Index 44	2437	Ant1	36.918
NVNT	ax40 52RU Index 44	2437	Ant2	36.855
NVNT	ax40 52RU Index 44	2452	Ant1	36.753

NVNT	ax40 52RU Index 44	2452	Ant2	36.949
NVNT	ax40 106RU Index 53	2422	Ant1	36.994
NVNT	ax40 106RU Index 53	2422	Ant2	37.060
NVNT	ax40 106RU Index 53	2437	Ant1	37.259
NVNT	ax40 106RU Index 53	2437	Ant2	37.264
NVNT	ax40 106RU Index 53	2452	Ant1	37.023
NVNT	ax40 106RU Index 53	2452	Ant2	37.062
NVNT	ax40 106RU Index 54	2422	Ant1	36.020
NVNT	ax40 106RU Index 54	2422	Ant2	35.824
NVNT	ax40 106RU Index 54	2437	Ant1	35.496
NVNT	ax40 106RU Index 54	2437	Ant2	35.512
NVNT	ax40 106RU Index 54	2452	Ant1	33.593
NVNT	ax40 106RU Index 54	2452	Ant2	33.596
NVNT	ax40 106RU Index 56	2422	Ant1	37.342
NVNT	ax40 106RU Index 56	2422	Ant2	37.364
NVNT	ax40 106RU Index 56	2437	Ant1	36.479
NVNT	ax40 106RU Index 56	2437	Ant2	36.674
NVNT	ax40 106RU Index 56	2452	Ant1	36.495
NVNT	ax40 106RU Index 56	2452	Ant2	36.679
NVNT	ax40 242RU Index 61	2422	Ant1	36.931
NVNT	ax40 242RU Index 61	2422	Ant2	36.897
NVNT	ax40 242RU Index 61	2437	Ant1	37.007
NVNT	ax40 242RU Index 61	2437	Ant2	36.915
NVNT	ax40 242RU Index 61	2452	Ant1	36.363
NVNT	ax40 242RU Index 61	2452	Ant2	36.427
NVNT	ax40 242RU Index 62	2422	Ant1	37.194
NVNT	ax40 242RU Index 62	2422	Ant2	37.121
NVNT	ax40 242RU Index 62	2437	Ant1	36.328
NVNT	ax40 242RU Index 62	2437	Ant2	36.165
NVNT	ax40 242RU Index 62	2452	Ant1	36.089
NVNT	ax40 242RU Index 62	2452	Ant2	36.336
NVNT	be20 52+26RU Index 38+1	2412	Ant1	16.599
NVNT	be20 52+26RU Index 38+1	2412	Ant2	16.634
NVNT	be20 52+26RU Index 38+1	2437	Ant1	16.965
NVNT	be20 52+26RU Index 38+1	2437	Ant2	16.895
NVNT	be20 52+26RU Index 38+1	2462	Ant1	17.094
NVNT	be20 52+26RU Index 38+1	2462	Ant2	17.099
NVNT	be20 52+26RU Index 38+1	2412	Ant1	16.653
NVNT	be20 52+26RU Index 38+1	2412	Ant2	16.679
NVNT	be20 52+26RU Index 38+1	2437	Ant1	16.968
NVNT	be20 52+26RU Index 38+1	2437	Ant2	17.034
NVNT	be20 52+26RU Index 38+1	2462	Ant1	17.053
NVNT	be20 52+26RU Index 38+1	2462	Ant2	17.121
NVNT	be20 52+26RU Index 38+4	2412	Ant1	16.599
NVNT	be20 52+26RU Index 38+4	2412	Ant2	16.634
NVNT	be20 52+26RU Index 38+4	2437	Ant1	16.965
NVNT	be20 52+26RU Index 38+4	2437	Ant2	16.895
NVNT	be20 52+26RU Index 38+4	2462	Ant1	17.094
NVNT	be20 52+26RU Index 38+4	2462	Ant2	17.099
NVNT	be20 52+26RU Index 39+7	2412	Ant1	16.927
NVNT	be20 52+26RU Index 39+7	2412	Ant2	16.923
NVNT	be20 52+26RU Index 39+7	2437	Ant1	16.779

NVNT	be20 52+26RU Index 39+7	2437	Ant2	16.838
NVNT	be20 52+26RU Index 39+7	2462	Ant1	17.177
NVNT	be20 52+26RU Index 39+7	2462	Ant2	17.188
NVNT	be20 106+26RU Index 53+4	2412	Ant1	17.673
NVNT	be20 106+26RU Index 53+4	2412	Ant2	17.756
NVNT	be20 106+26RU Index 53+4	2437	Ant1	18.096
NVNT	be20 106+26RU Index 53+4	2437	Ant2	18.074
NVNT	be20 106+26RU Index 53+4	2462	Ant1	18.036
NVNT	be20 106+26RU Index 53+4	2462	Ant2	18.106
NVNT	be20 106+26RU Index 54+4	2412	Ant1	17.968
NVNT	be20 106+26RU Index 54+4	2412	Ant2	17.924
NVNT	be20 106+26RU Index 54+4	2437	Ant1	17.704
NVNT	be20 106+26RU Index 54+4	2437	Ant2	17.775
NVNT	be20 106+26RU Index 54+4	2462	Ant1	18.073
NVNT	be20 106+26RU Index 54+4	2462	Ant2	18.006
NVNT	be40 106+26RU Index 55+13	2422	Ant1	36.590
NVNT	be40 106+26RU Index 55+13	2422	Ant2	36.615
NVNT	be40 106+26RU Index 55+13	2437	Ant1	35.661
NVNT	be40 106+26RU Index 55+13	2437	Ant2	35.790
NVNT	be40 106+26RU Index 55+13	2452	Ant1	35.540
NVNT	be40 106+26RU Index 55+13	2452	Ant2	35.607
NVNT	be40 106+26RU Index 56+13	2422	Ant1	37.445
NVNT	be40 106+26RU Index 56+13	2422	Ant2	37.391
NVNT	be40 106+26RU Index 56+13	2437	Ant1	36.683
NVNT	be40 106+26RU Index 56+13	2437	Ant2	36.840
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NVNT	be40 106+26RU Index 56+13	2452	Ant2	36.747

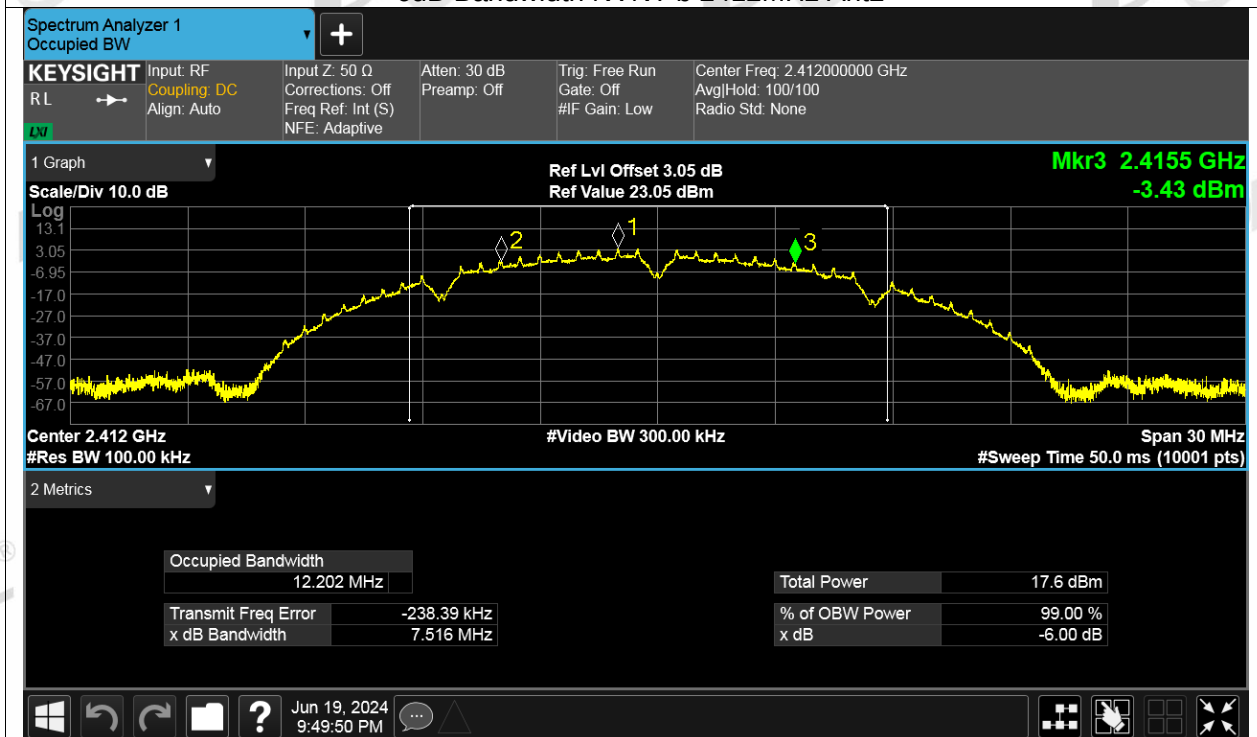
4.5. original test data

6dB Bandwidth:

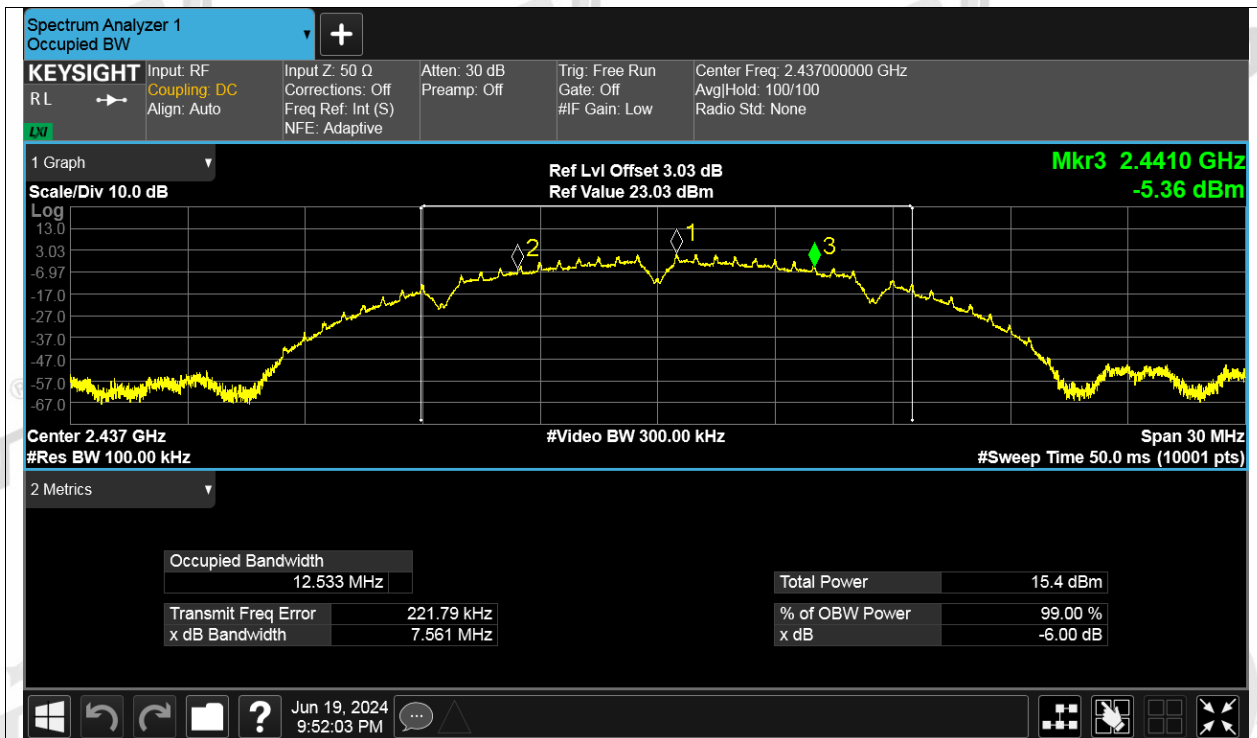




-6dB Bandwidth NVNT b 2412MHz Ant2



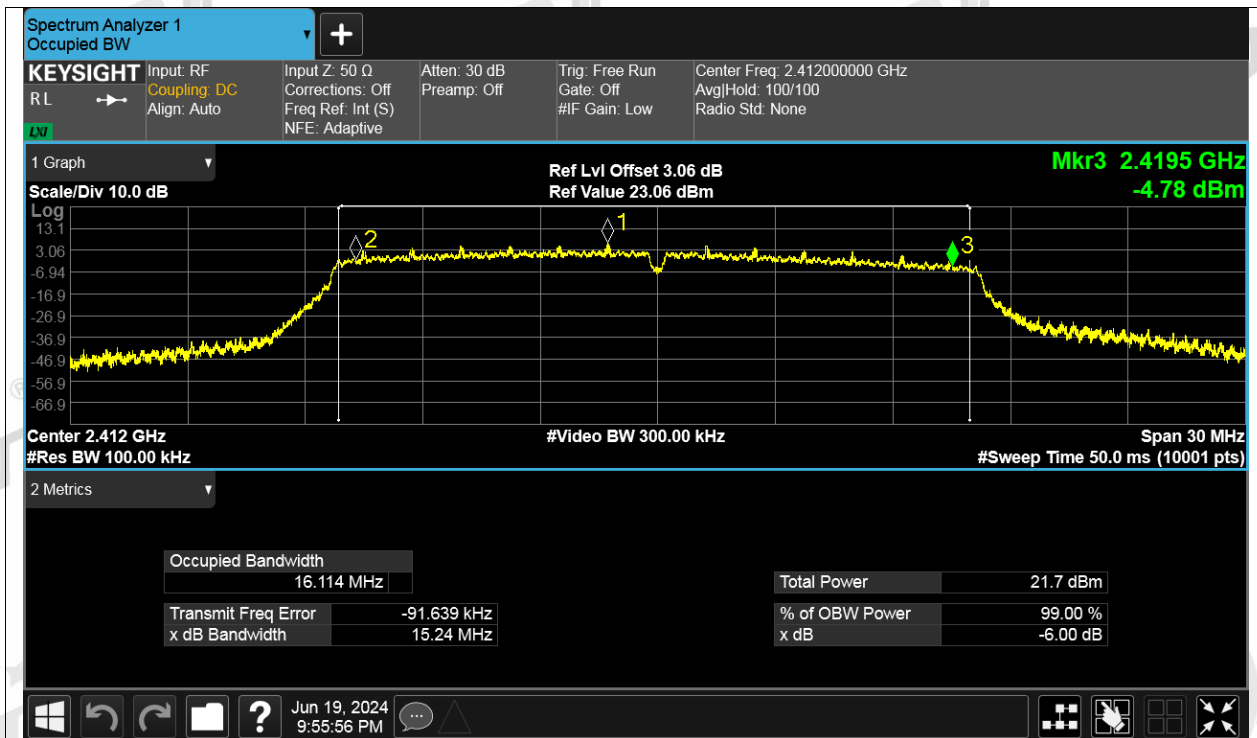
-6dB Bandwidth NVNT b 2437MHz Ant2



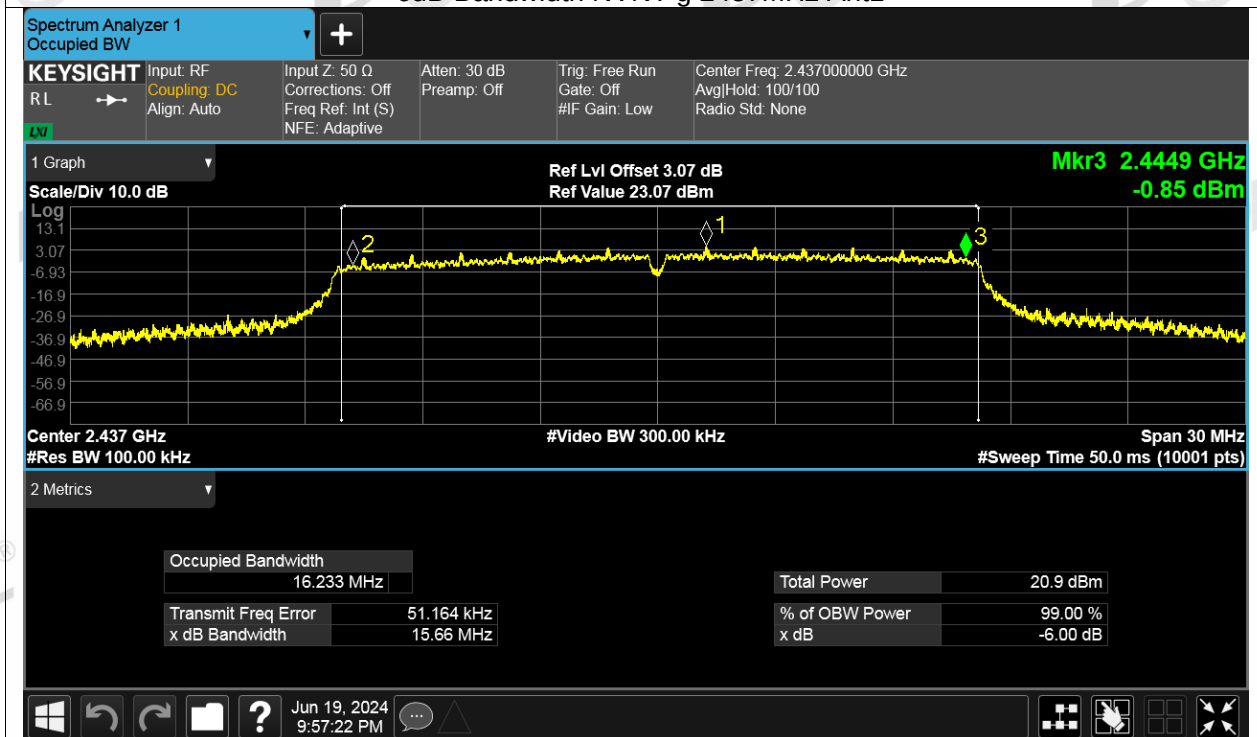
-6dB Bandwidth NVNT b 2462MHz Ant2



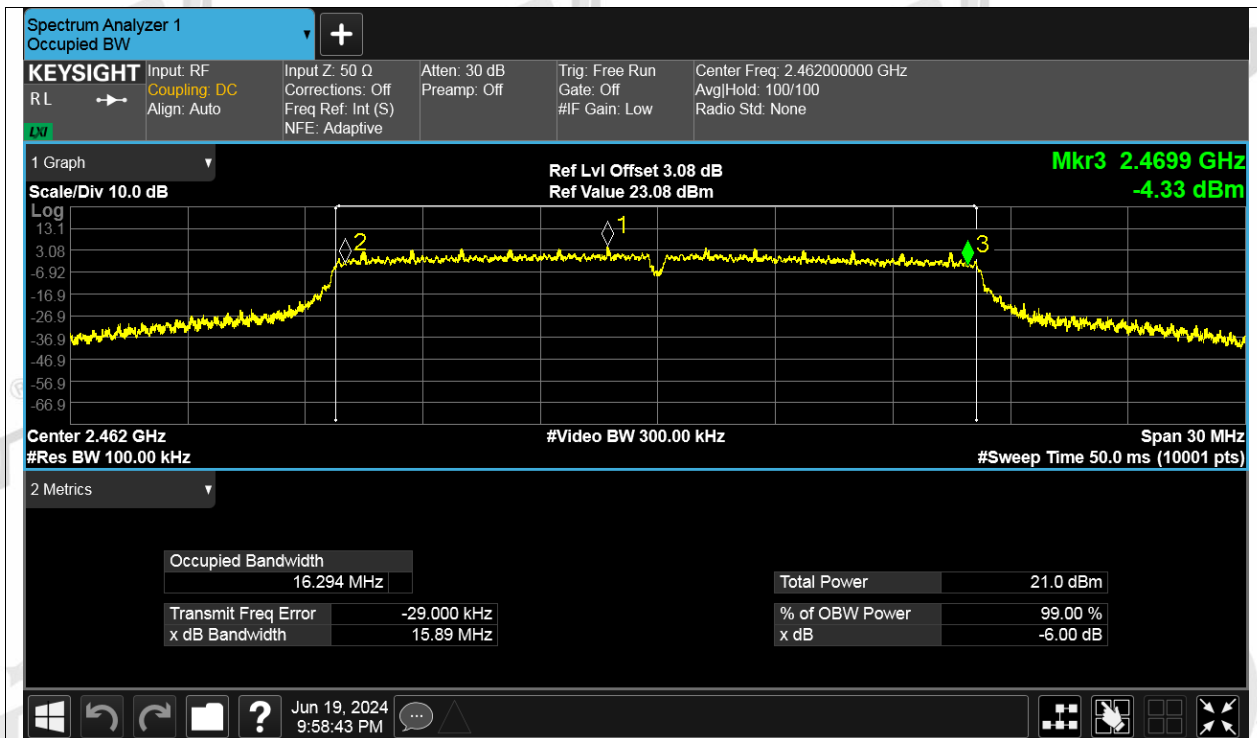
-6dB Bandwidth NVNT g 2412MHz Ant1



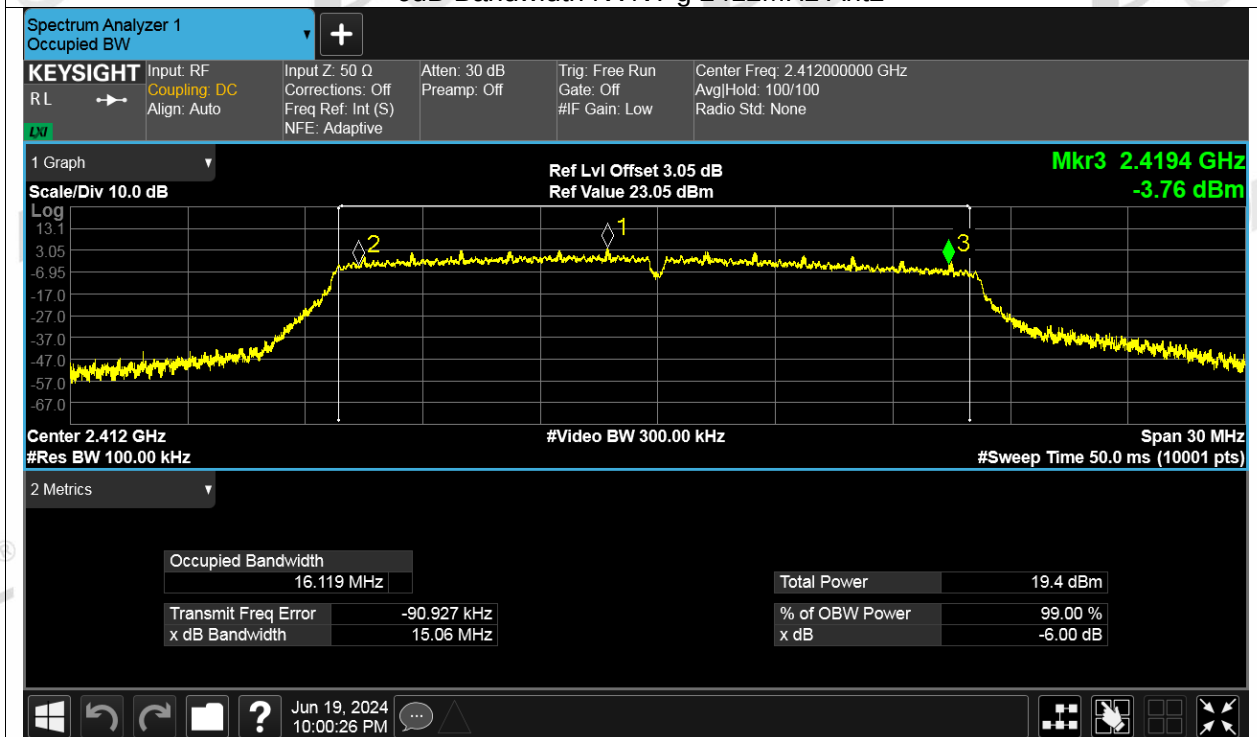
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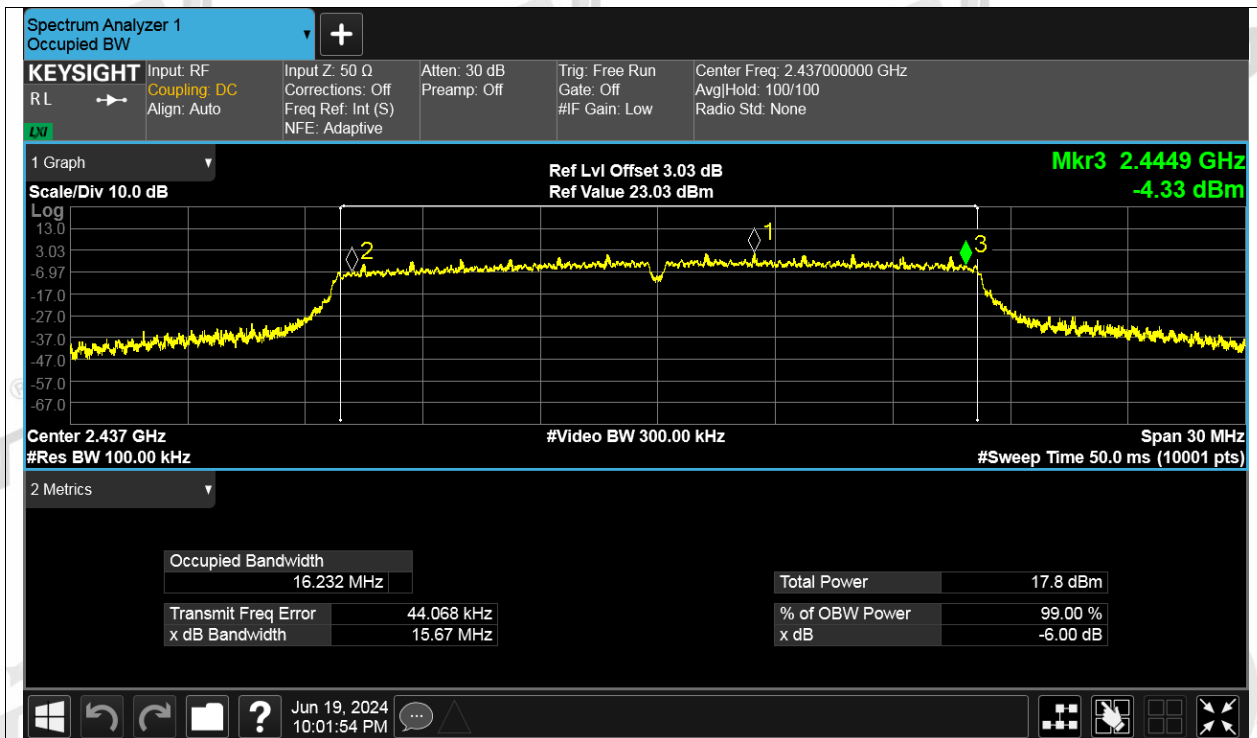
-6dB Bandwidth NVNT g 2462MHz Ant1



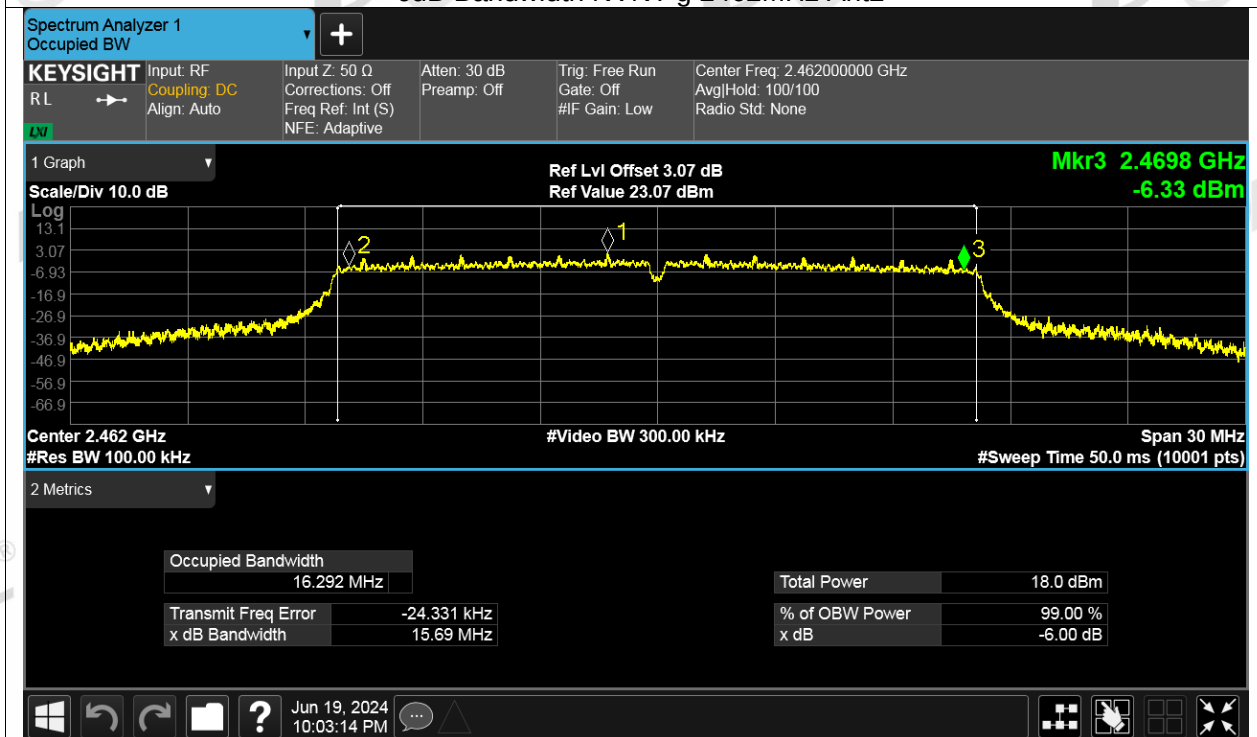
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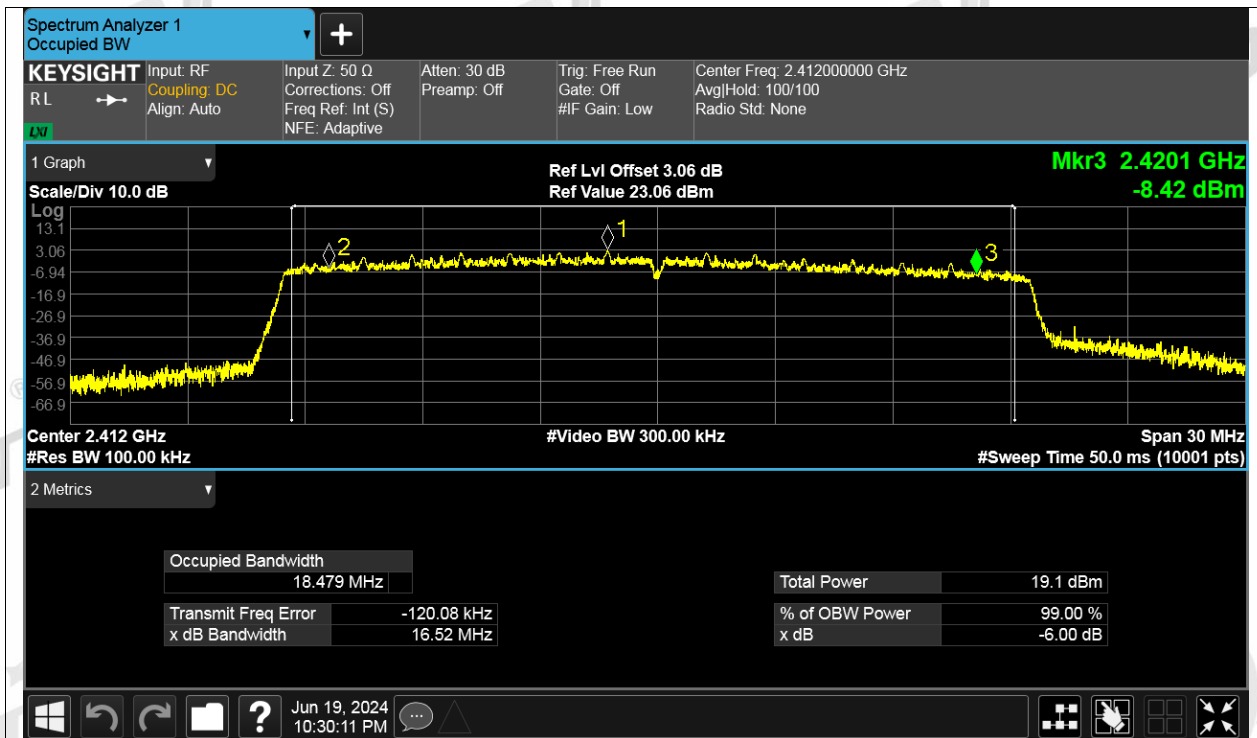
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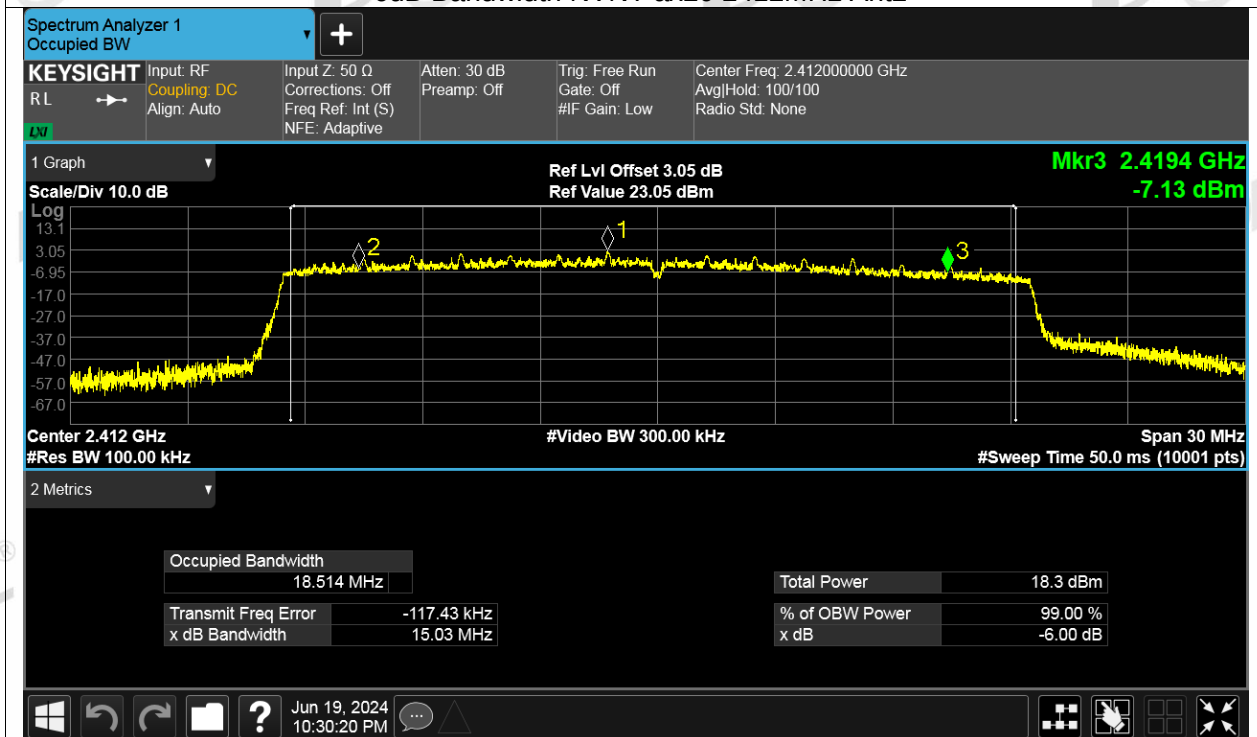
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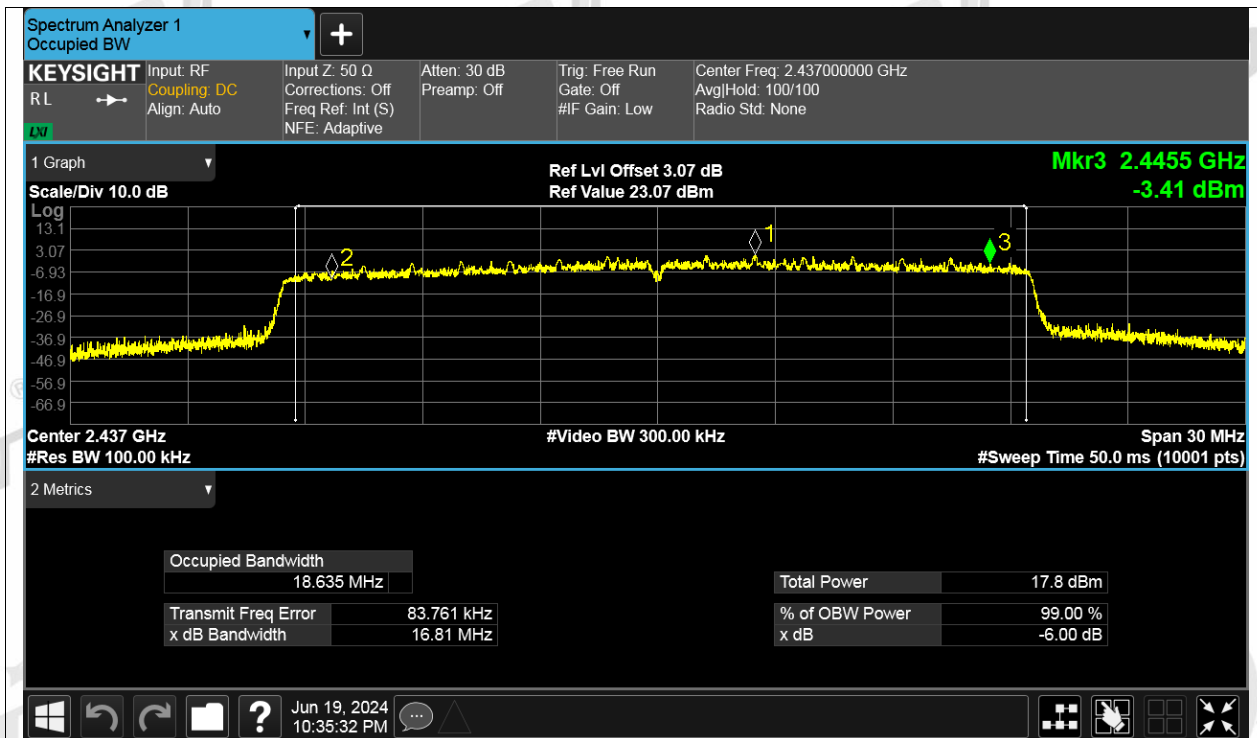
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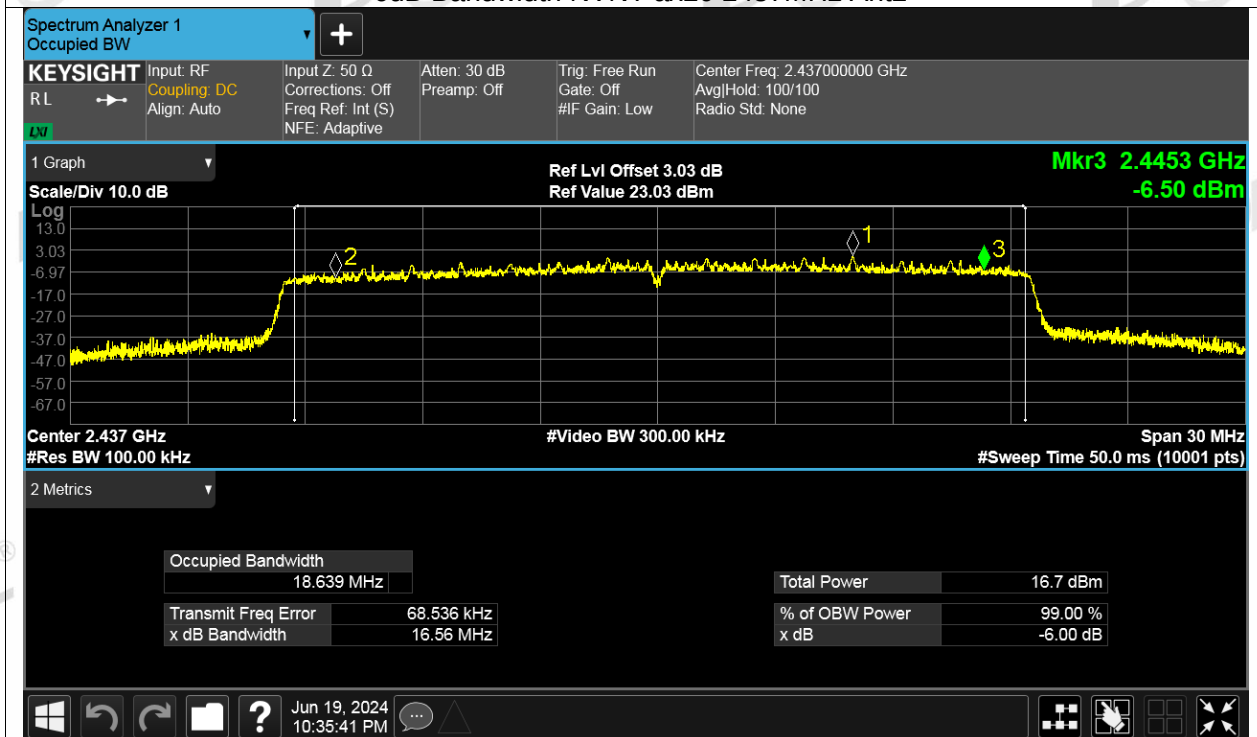
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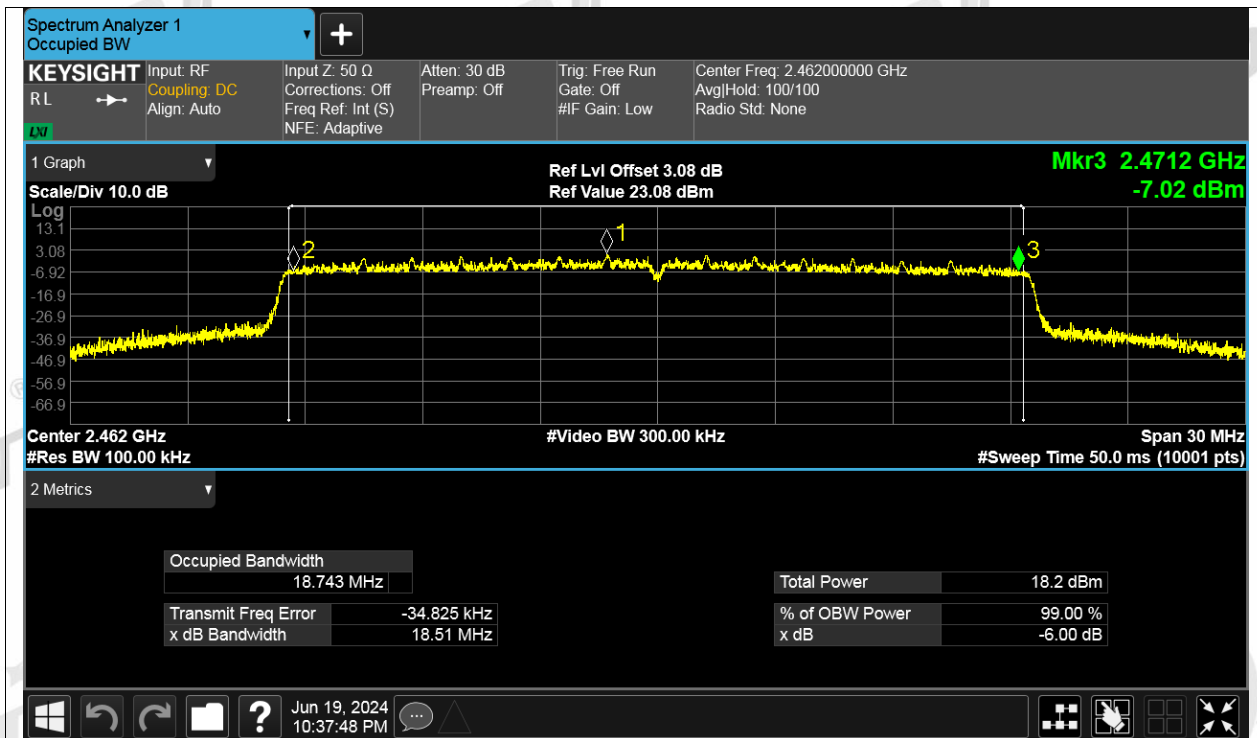
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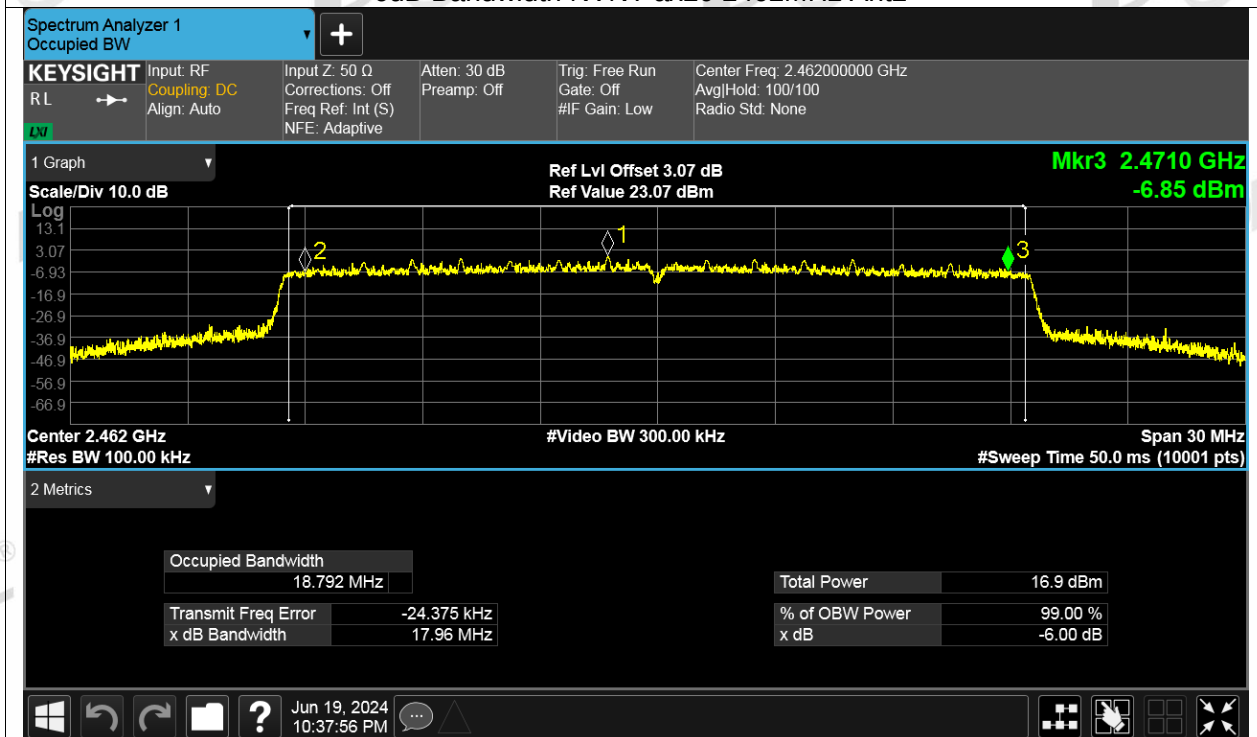
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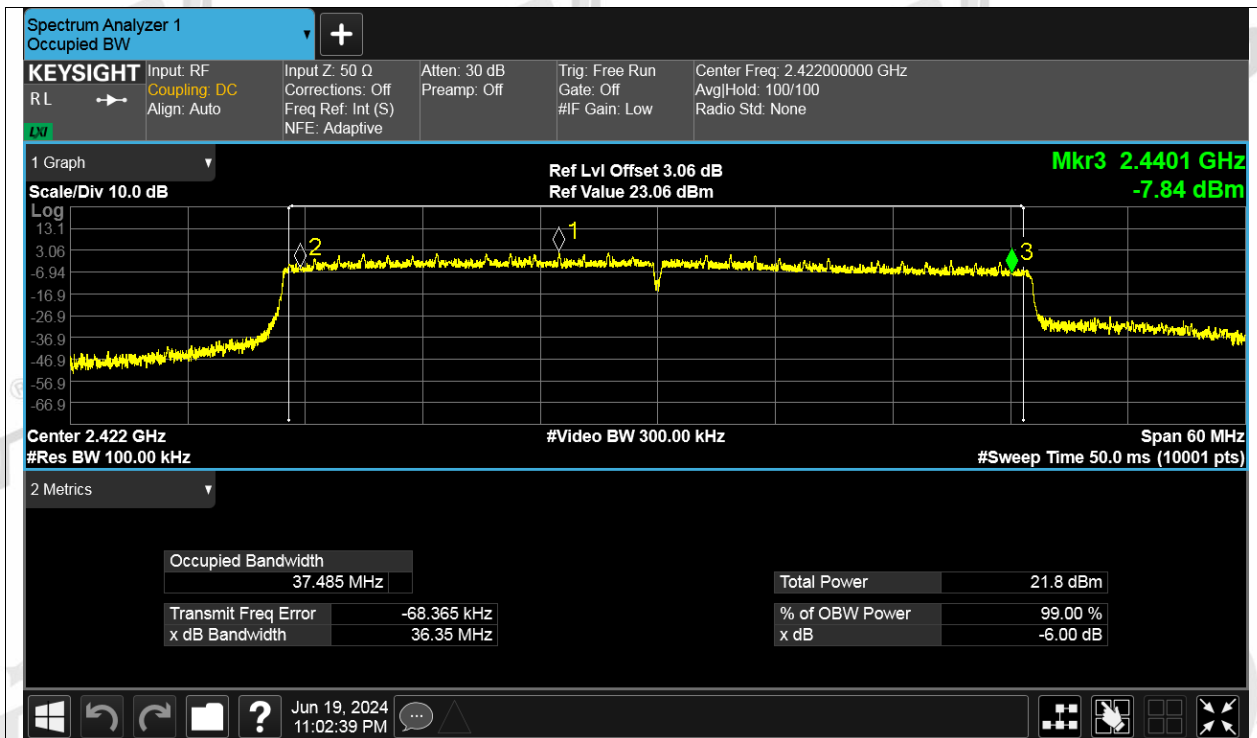
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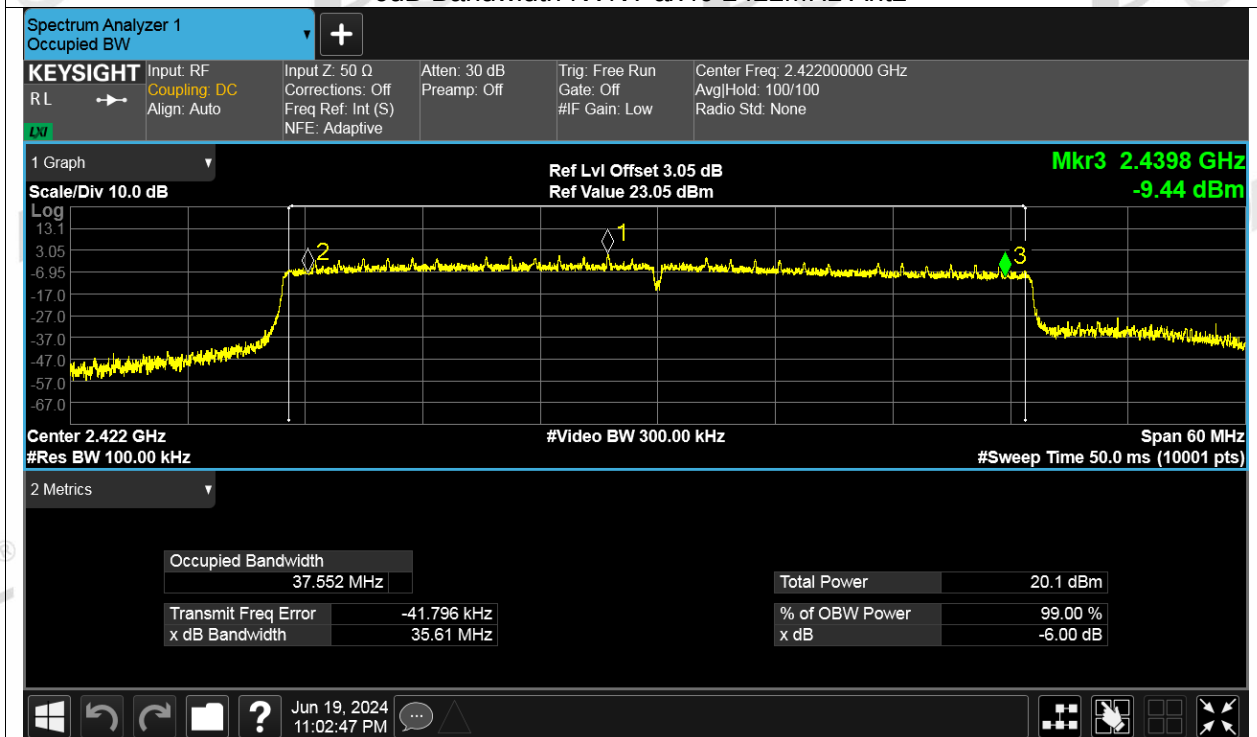
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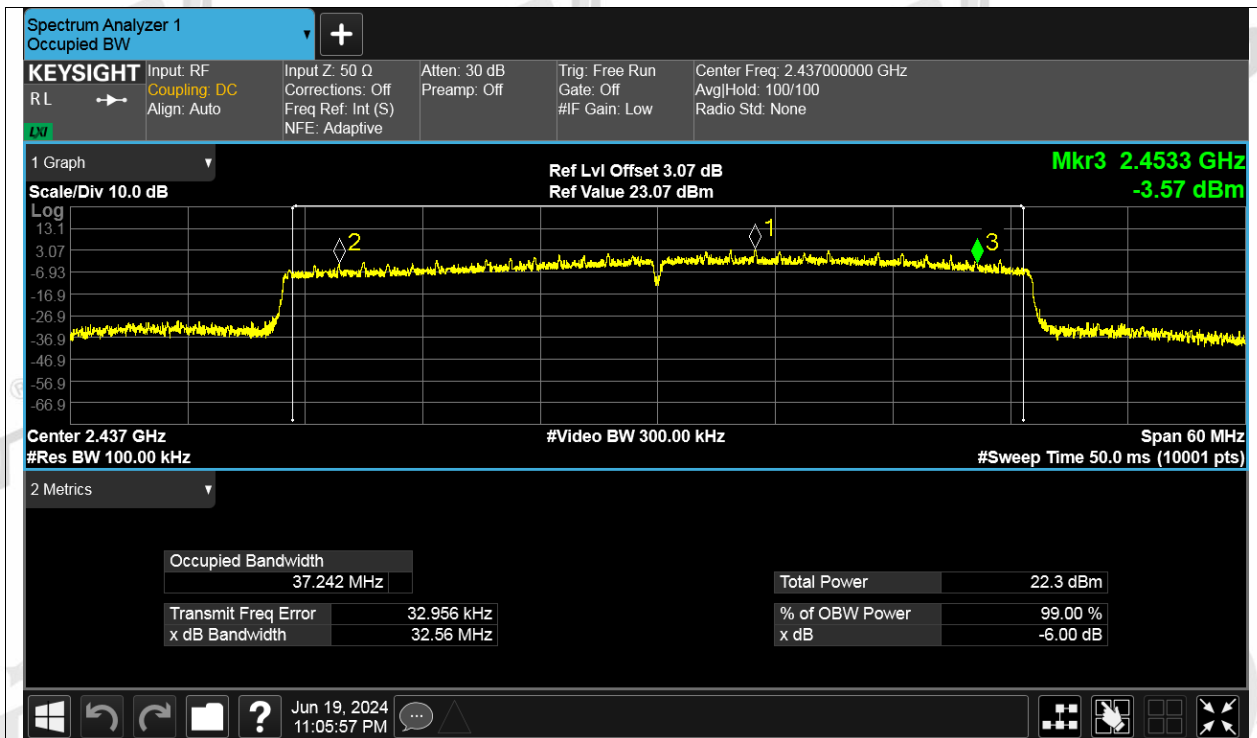
-6dB Bandwidth NVNT ax40 2422MHz Ant1



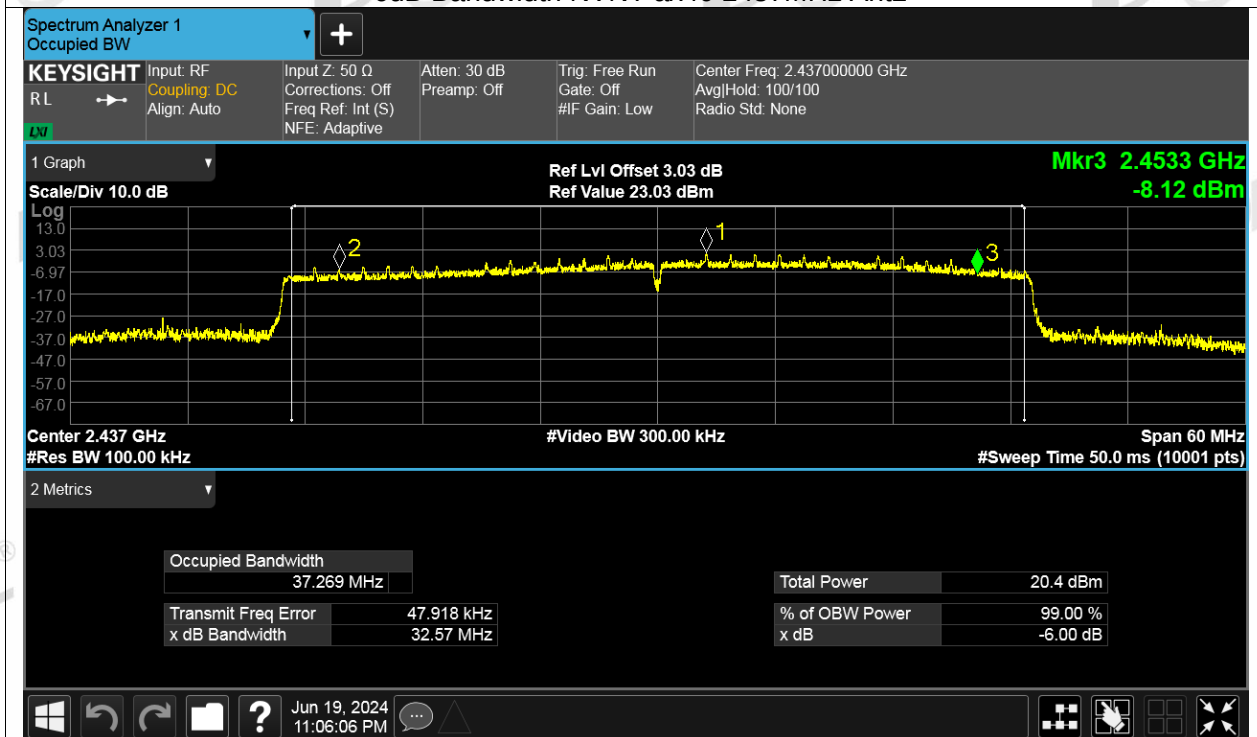
-6dB Bandwidth NVNT ax40 2422MHz Ant2



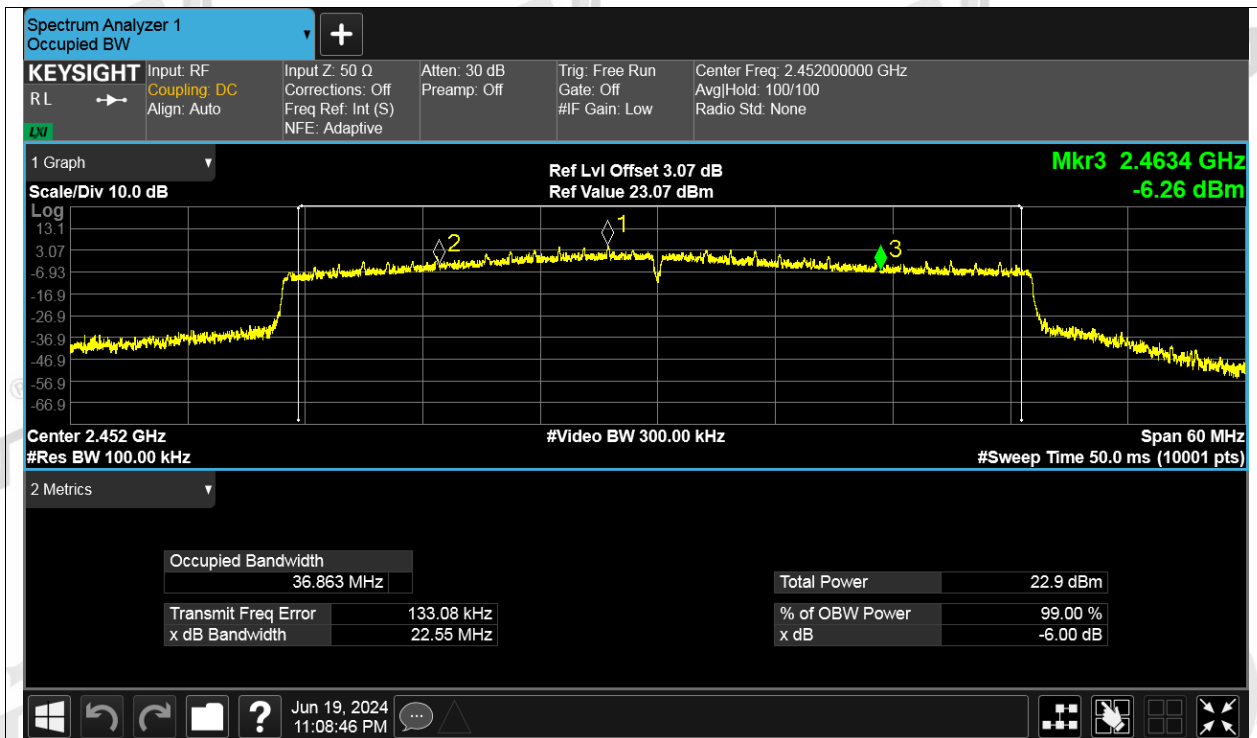
-6dB Bandwidth NVNT ax40 2437MHz Ant1



-6dB Bandwidth NVNT ax40 2437MHz Ant2



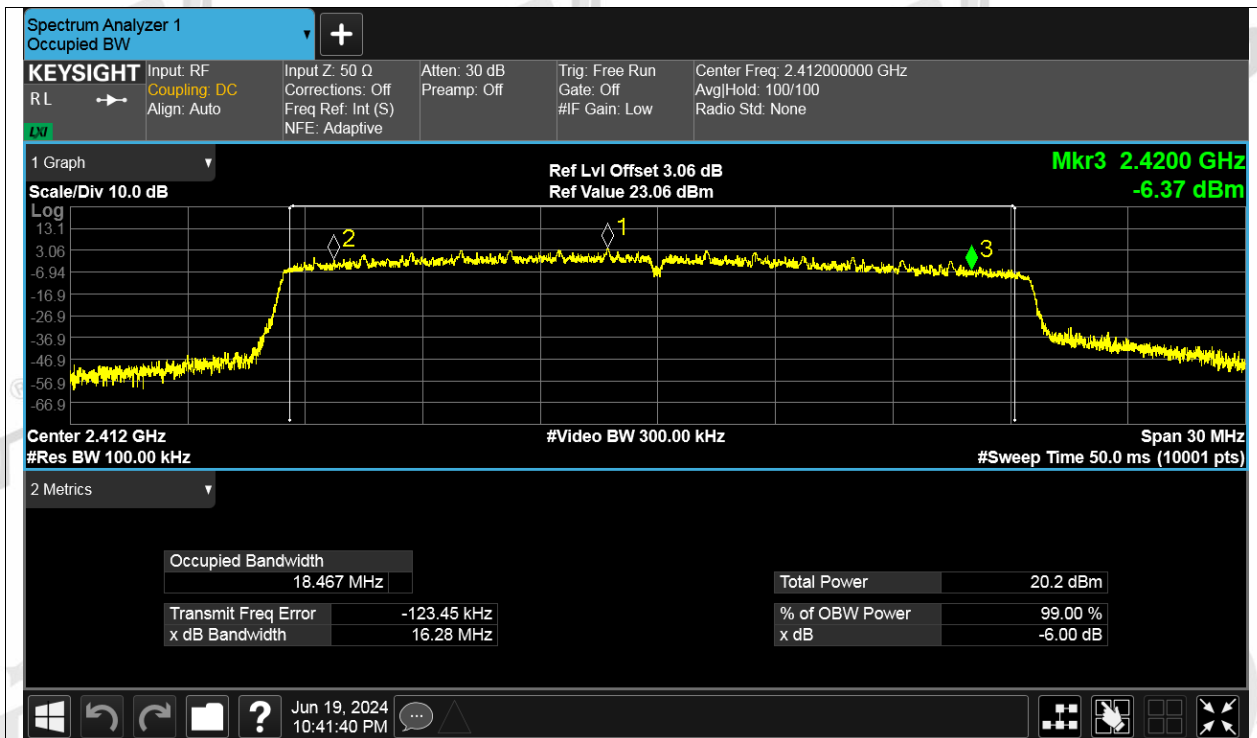
-6dB Bandwidth NVNT ax40 2452MHz Ant1



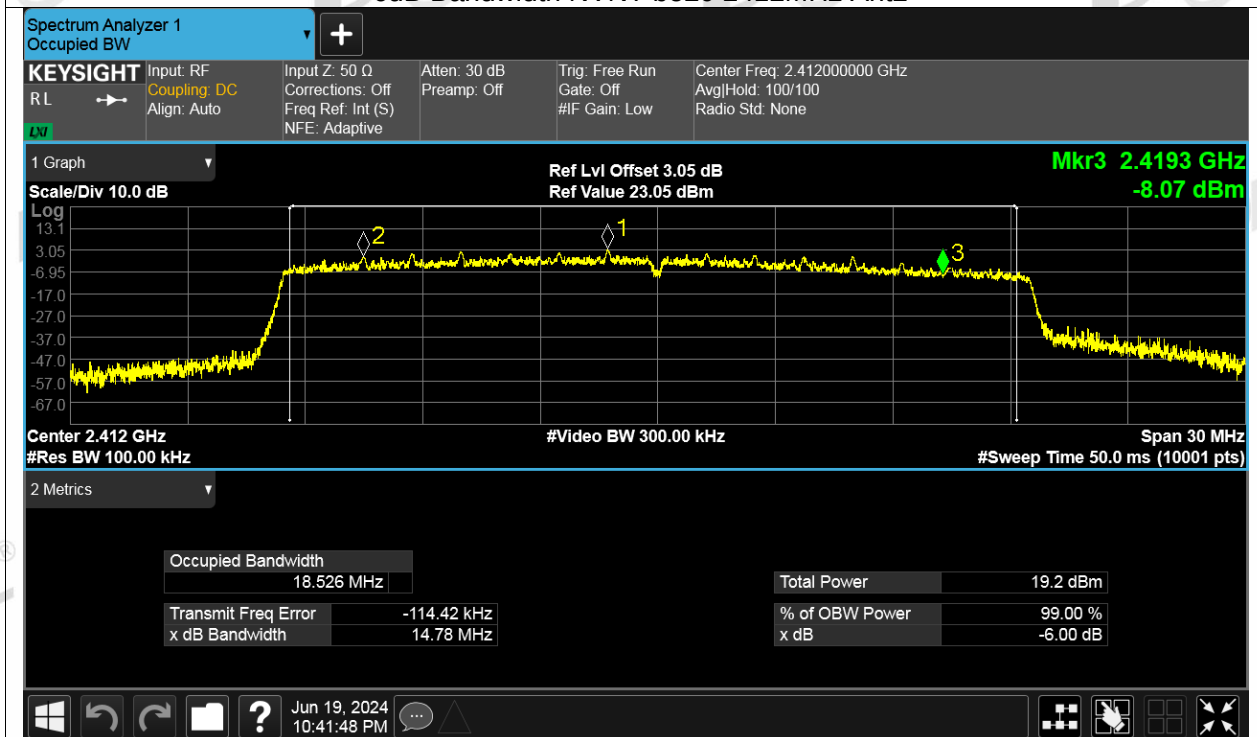
-6dB Bandwidth NVNT ax40 2452MHz Ant2



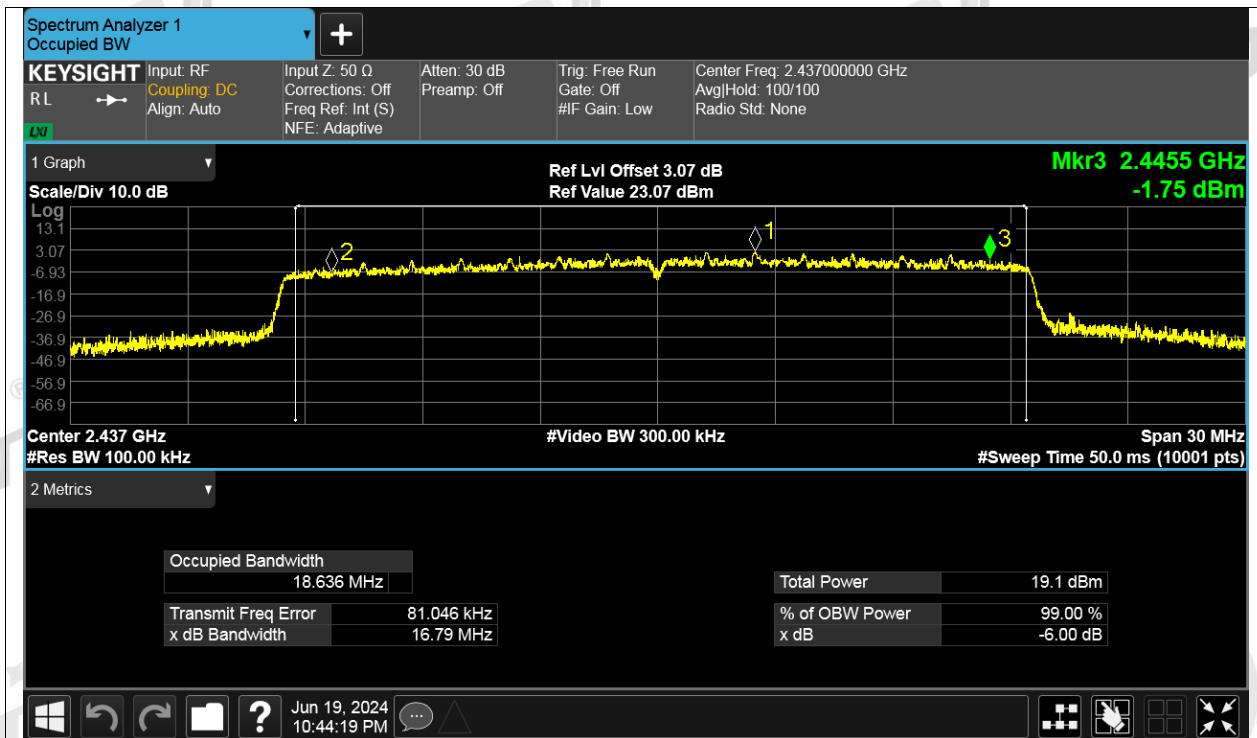
-6dB Bandwidth NVNT be20 2412MHz Ant1



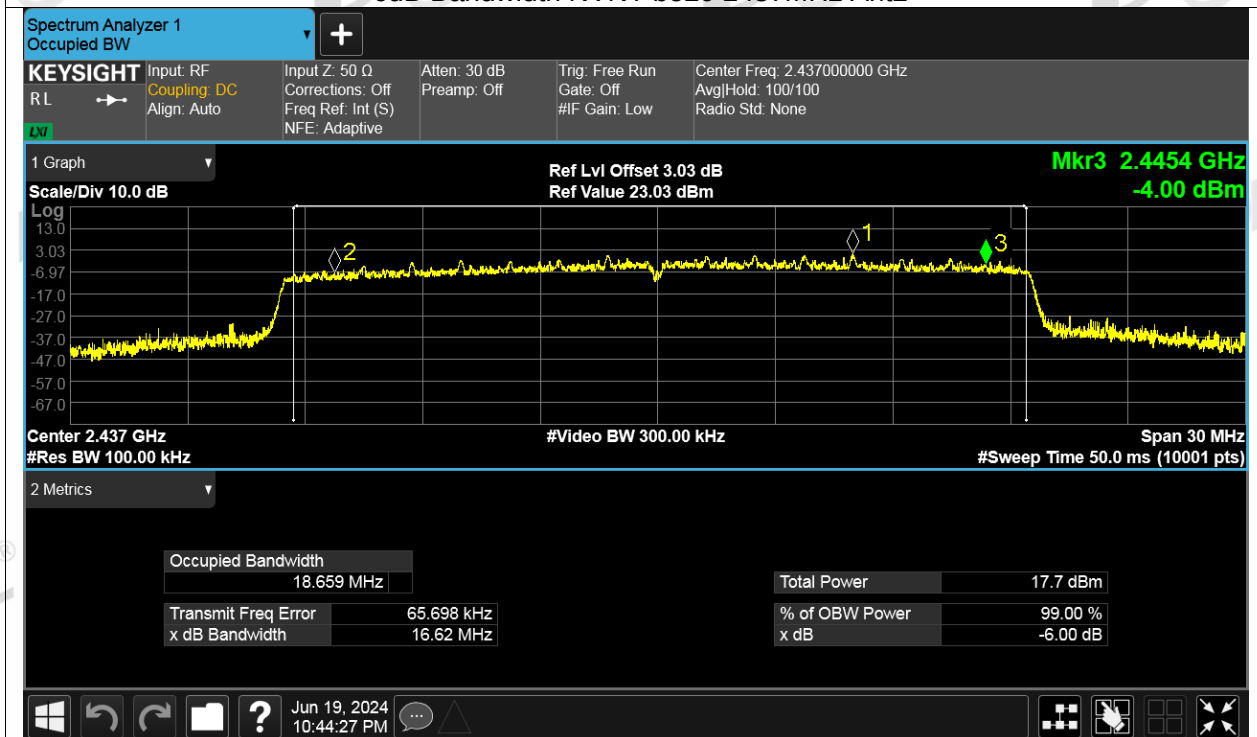
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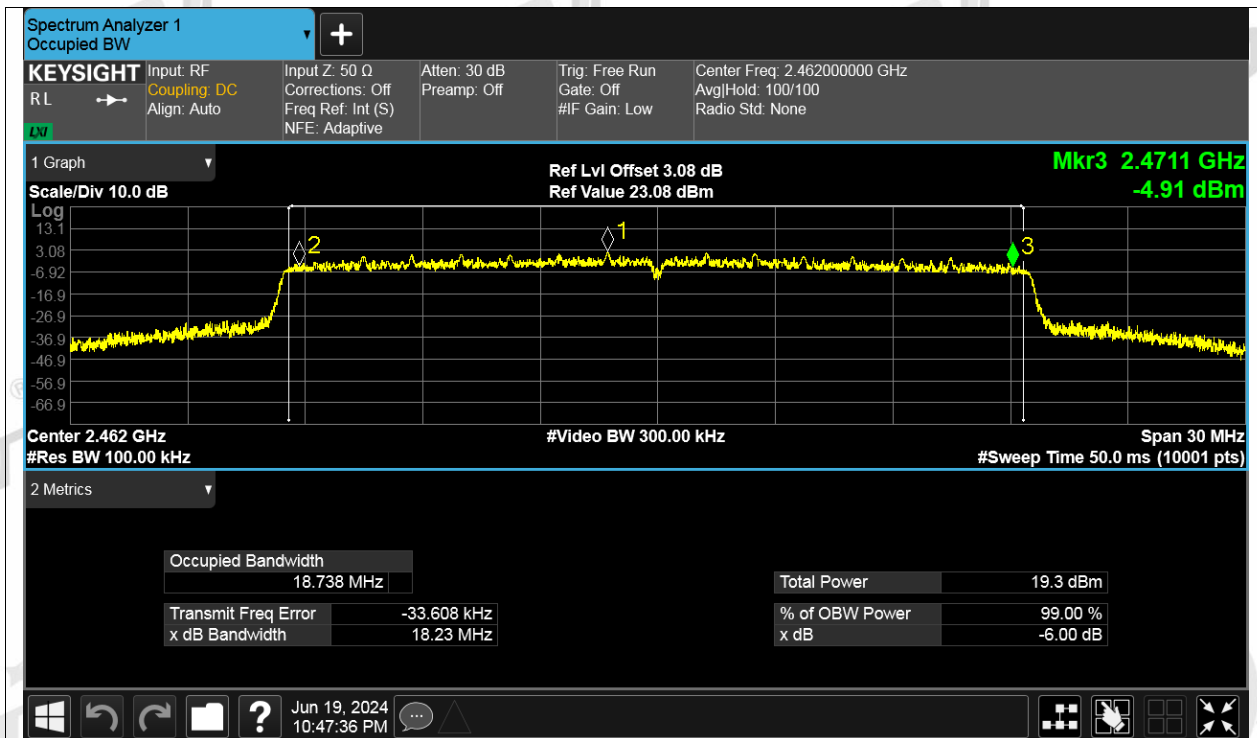
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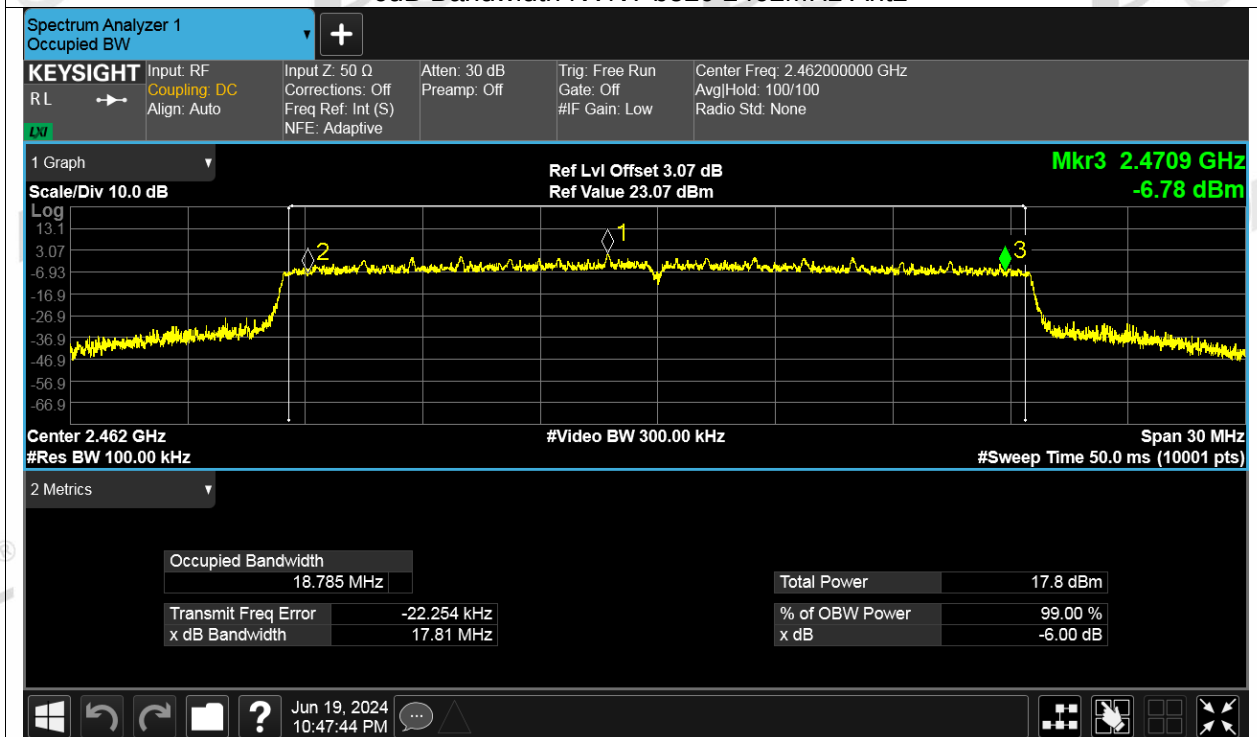
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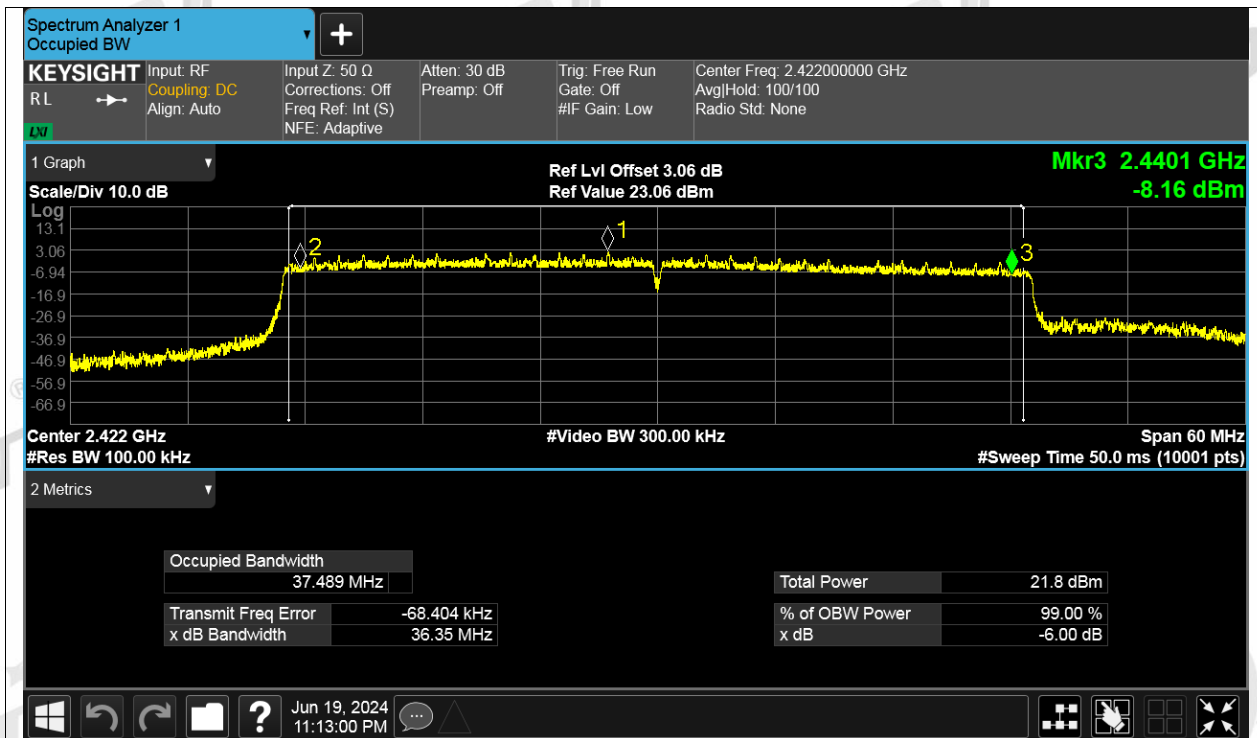
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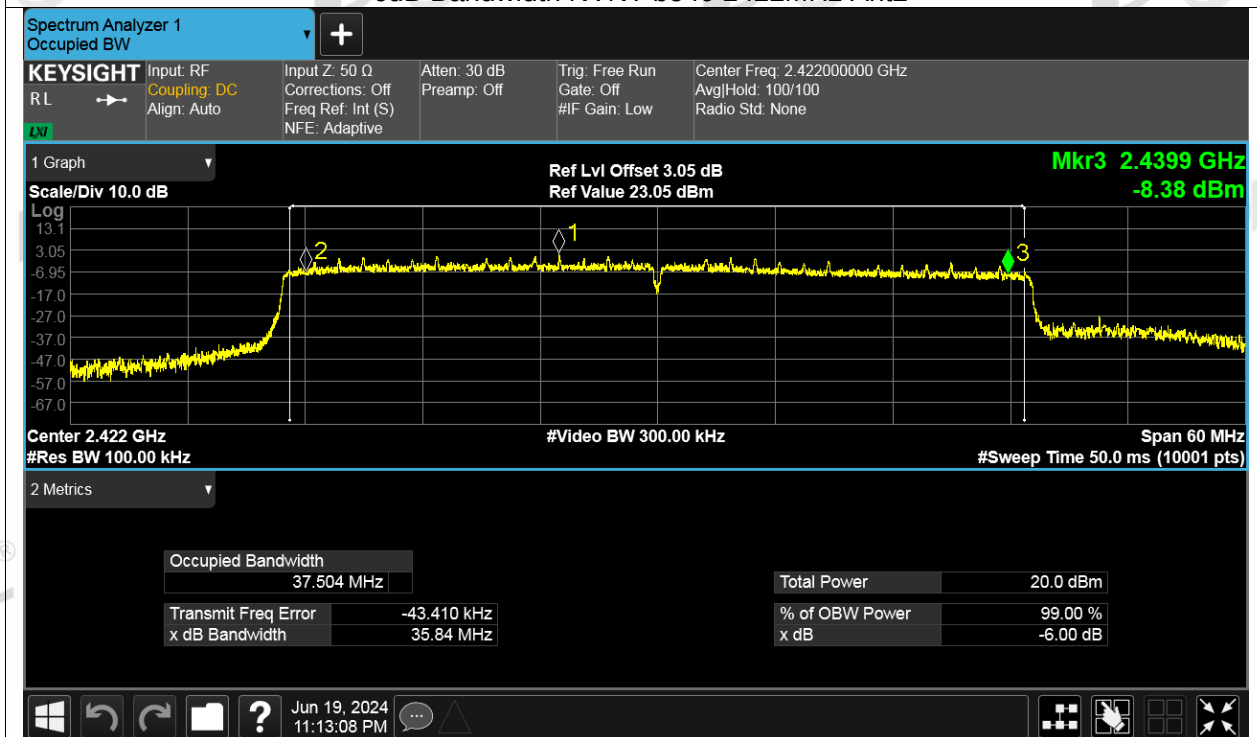
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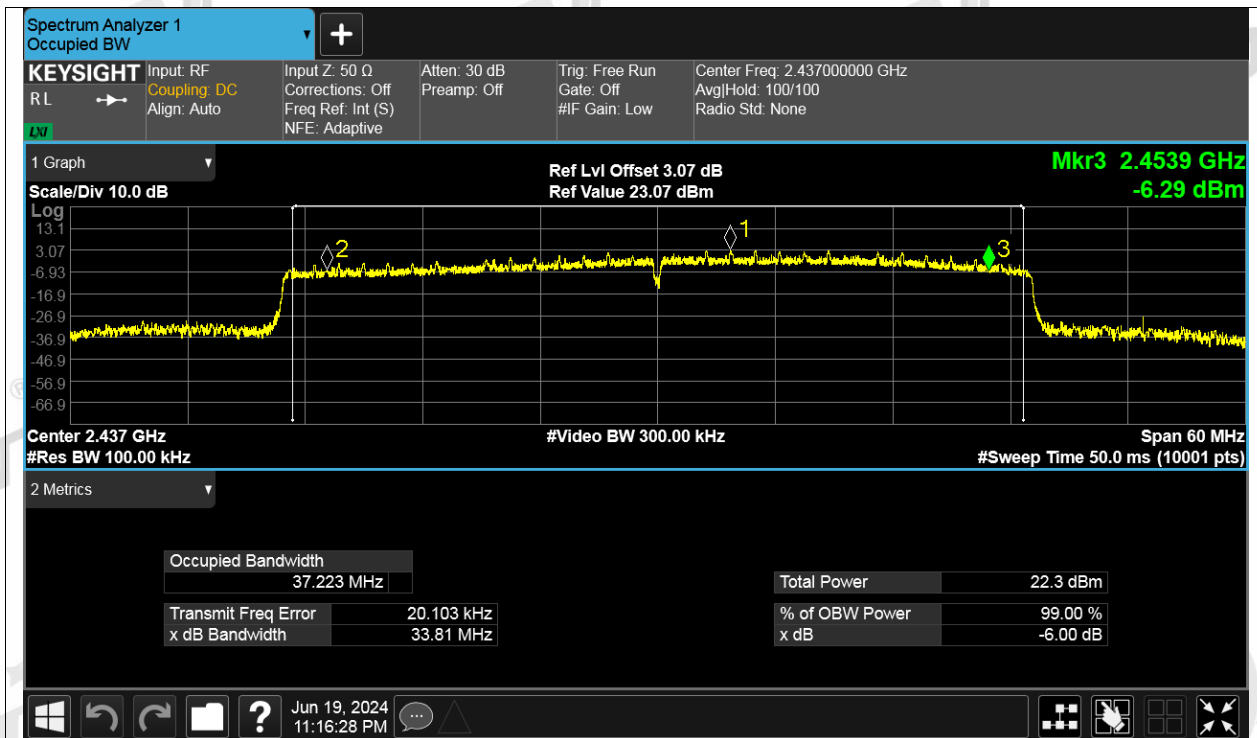
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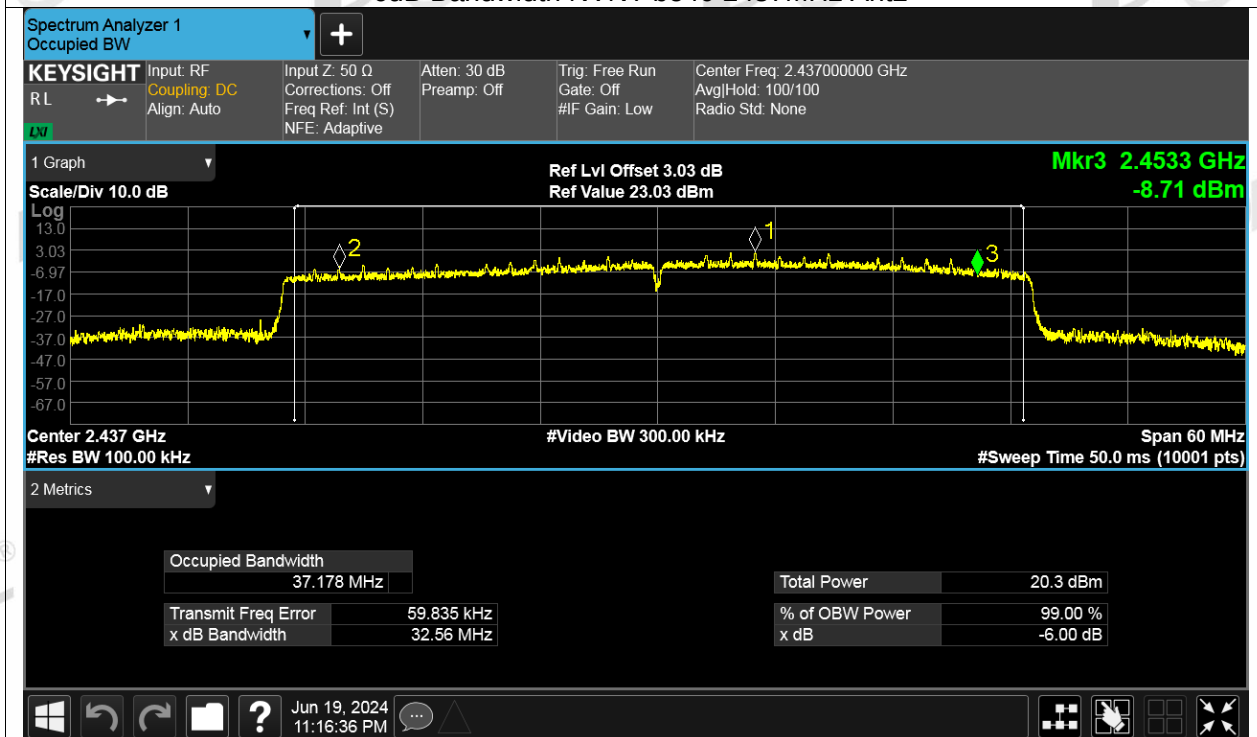
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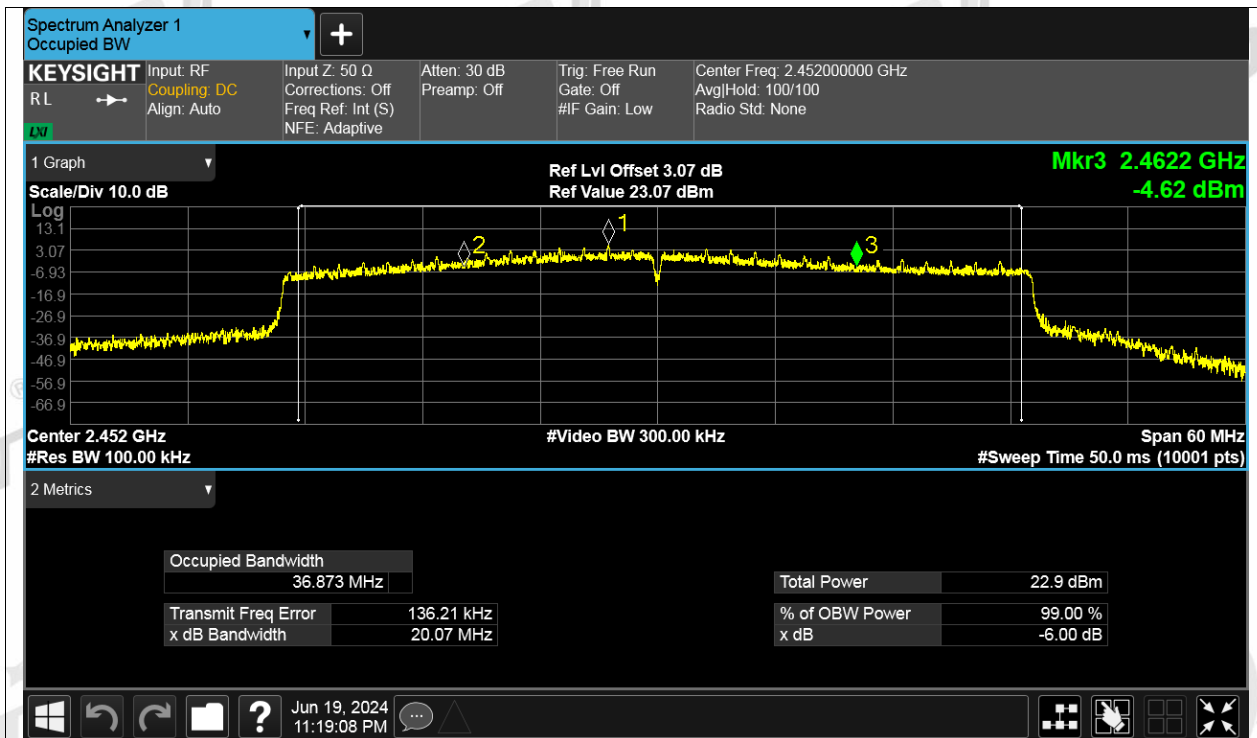
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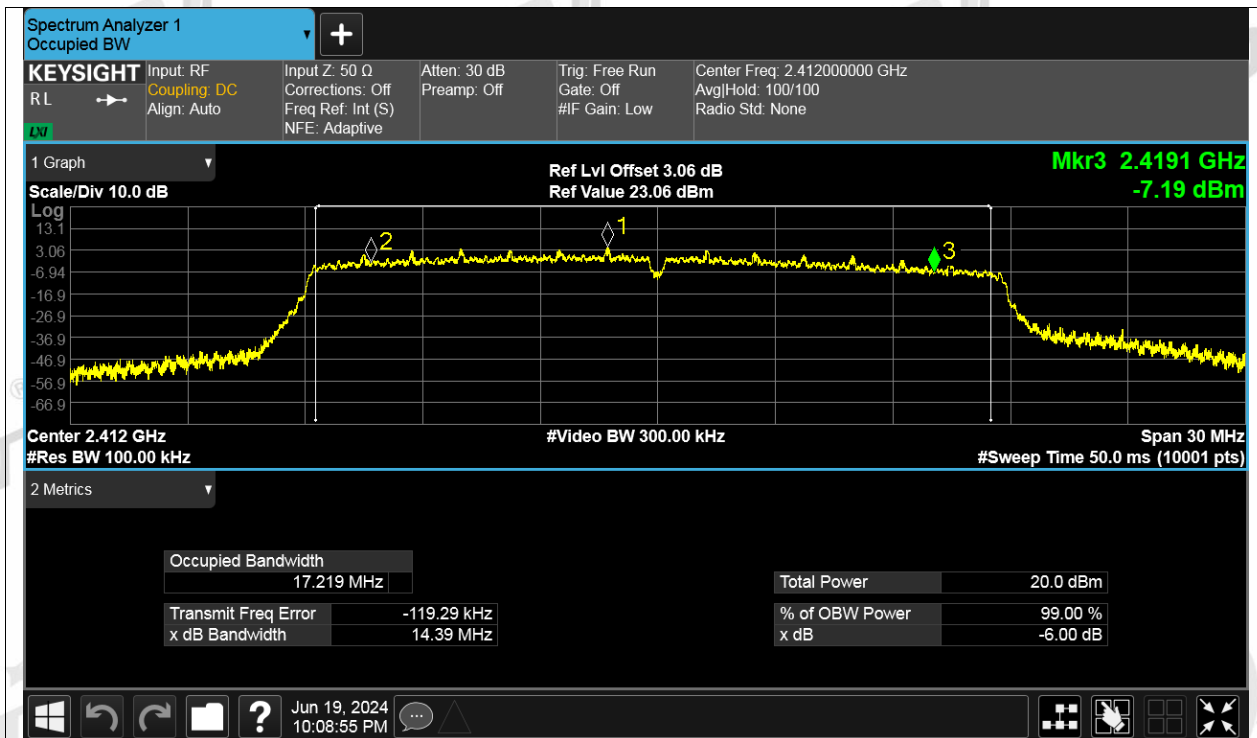
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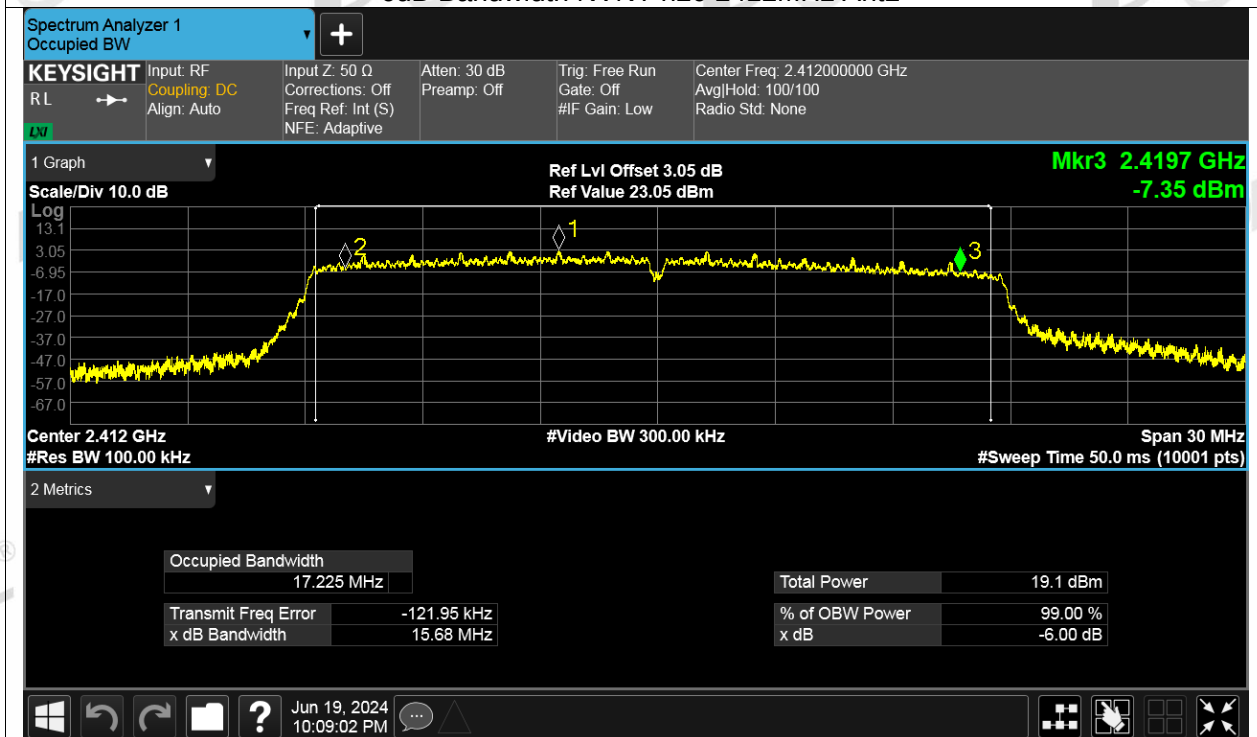
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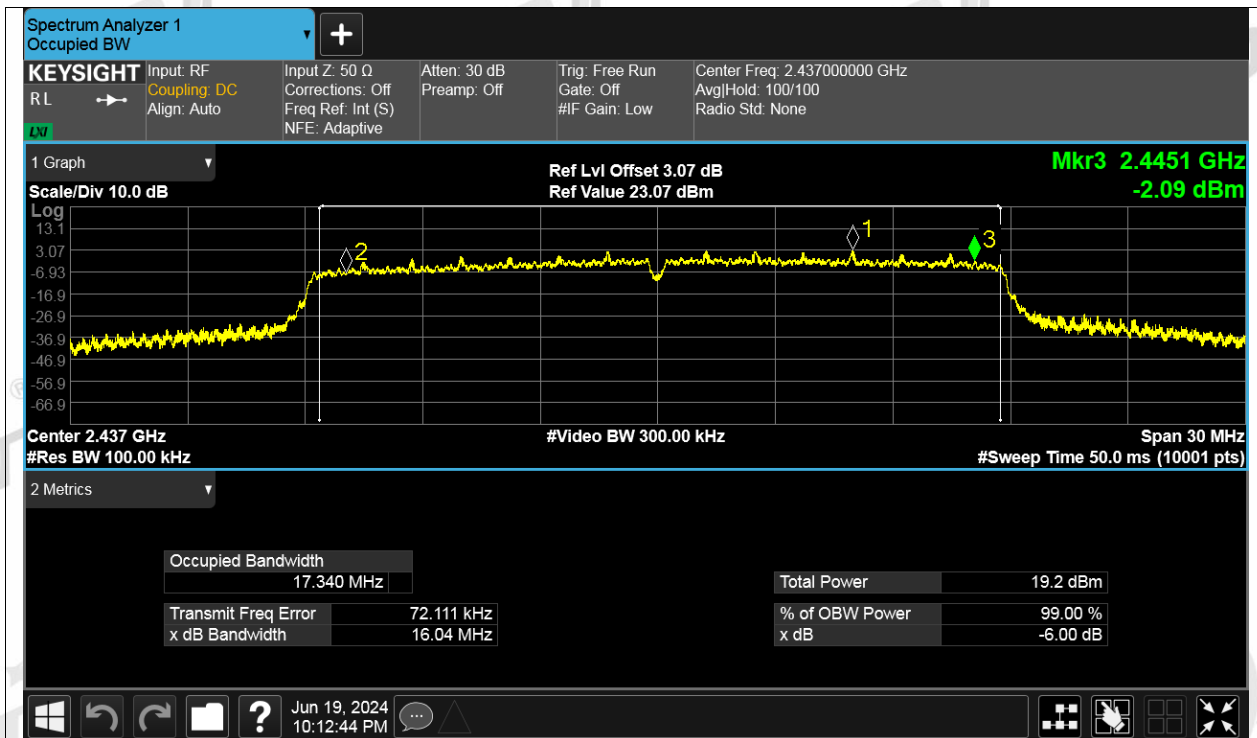
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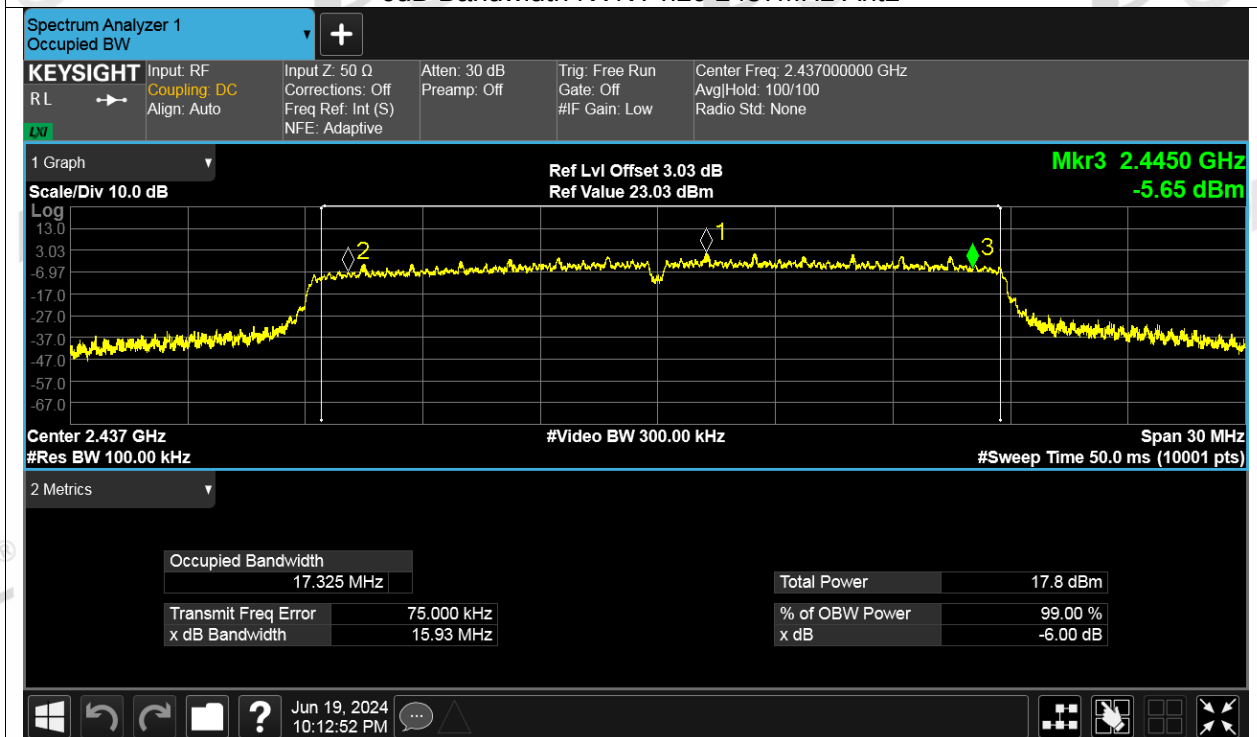
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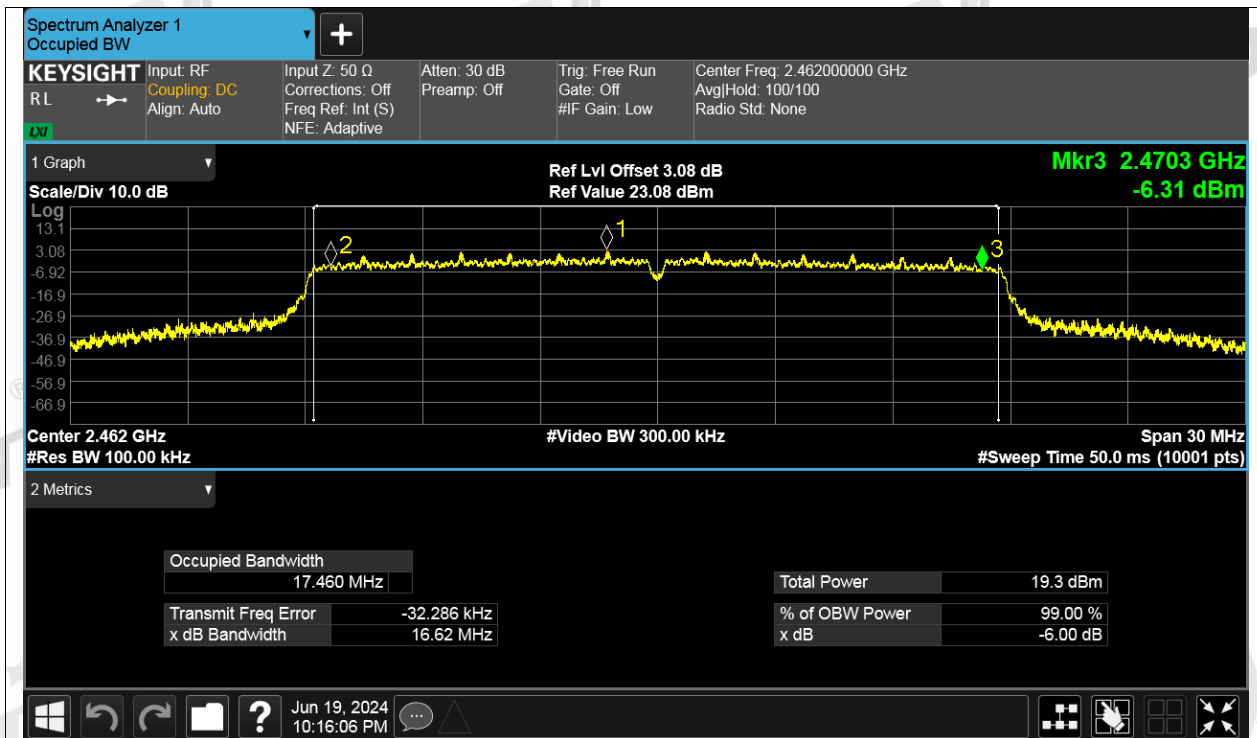
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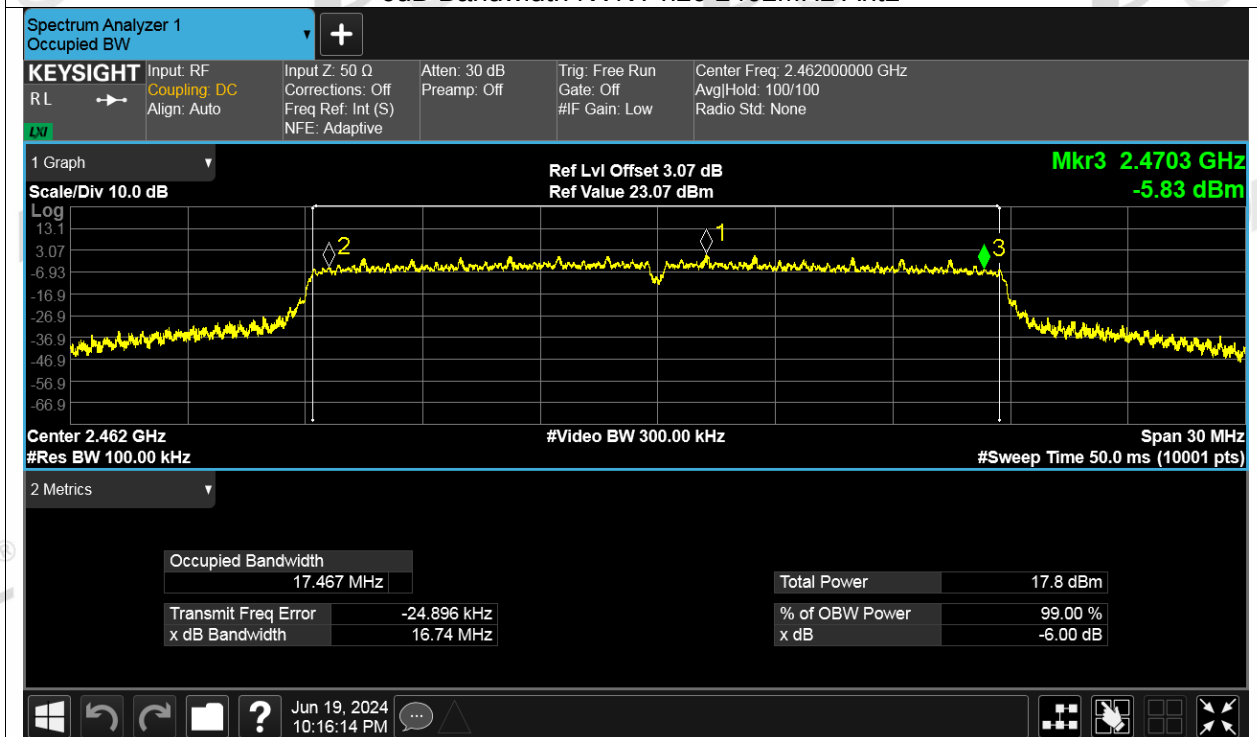
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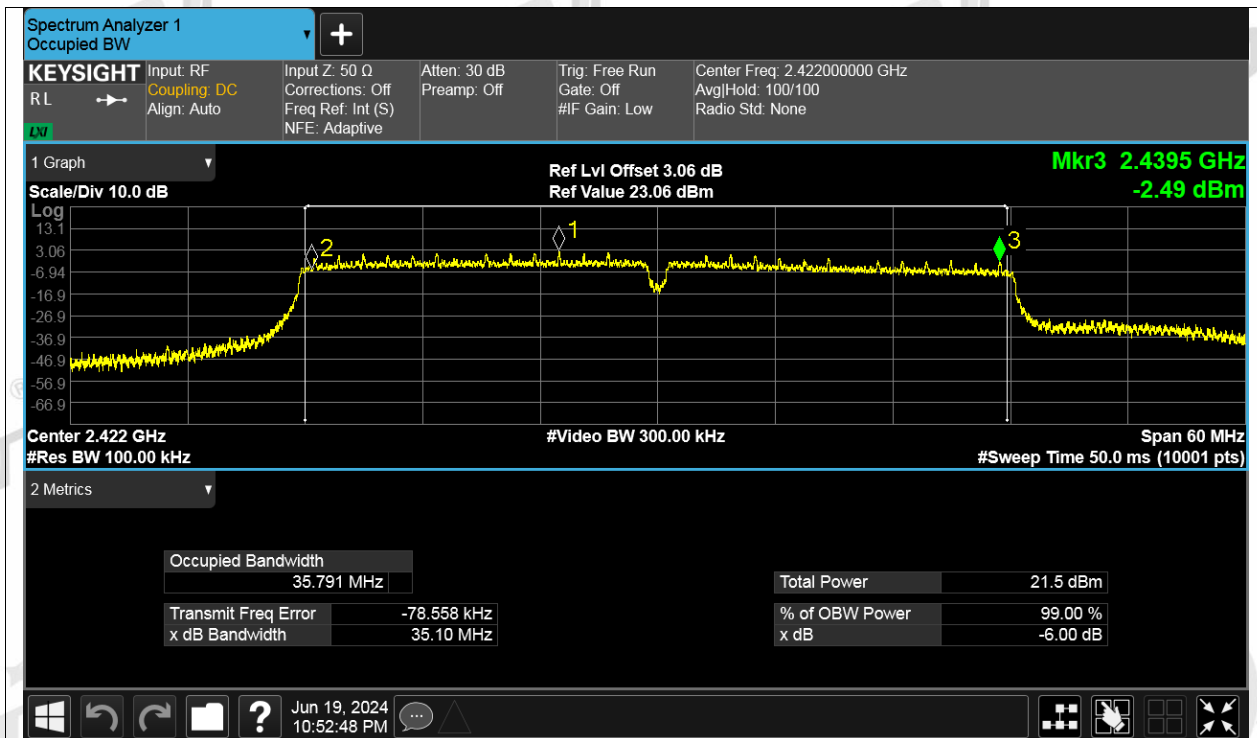
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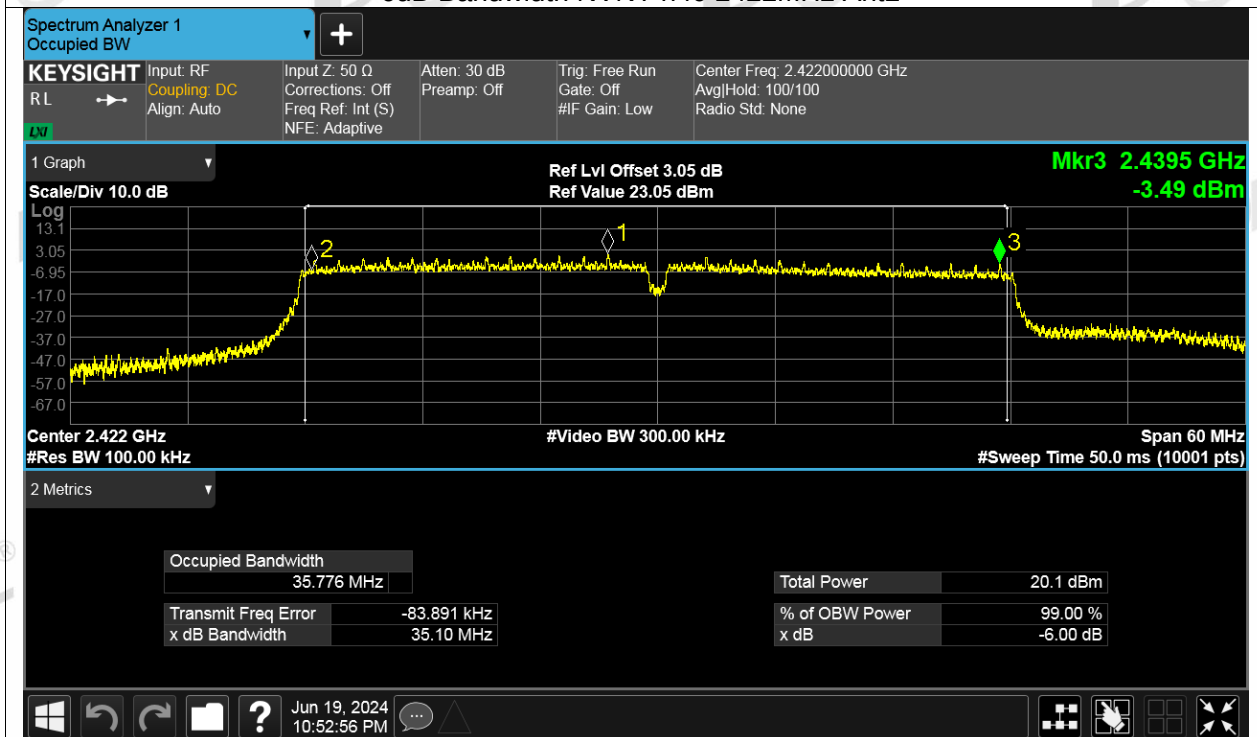
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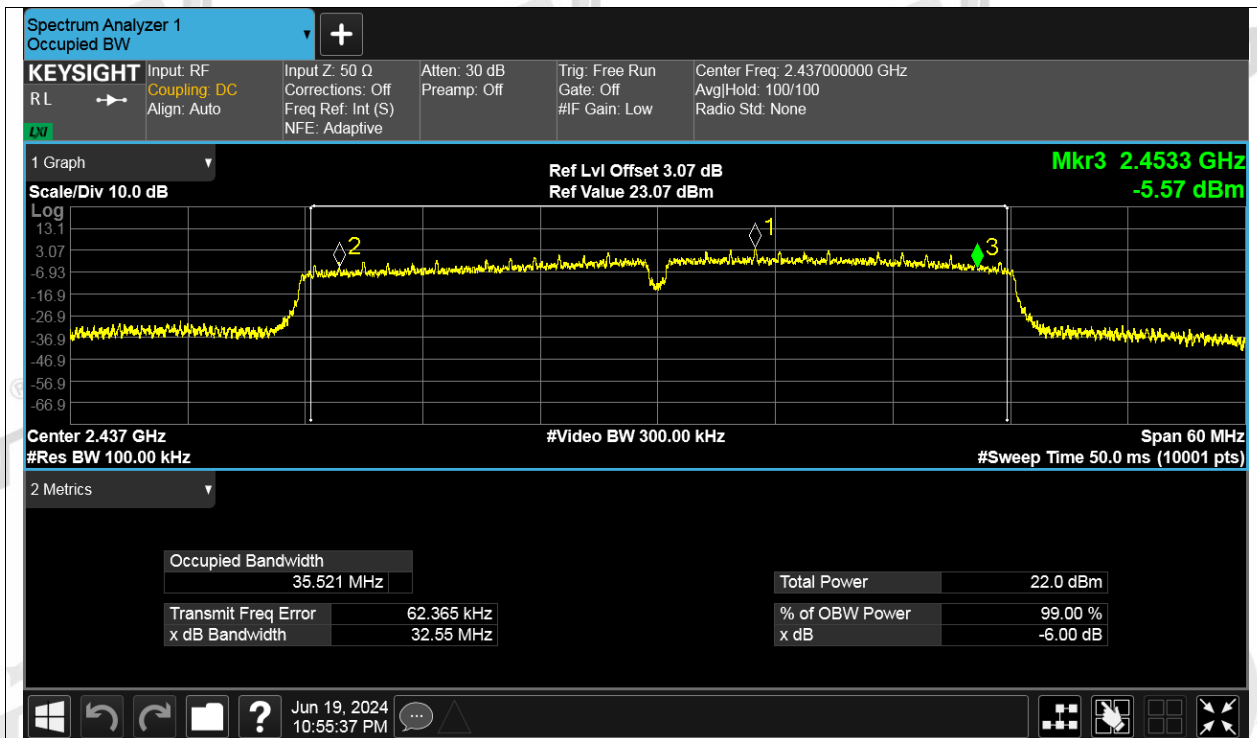
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2422MHz Ant2



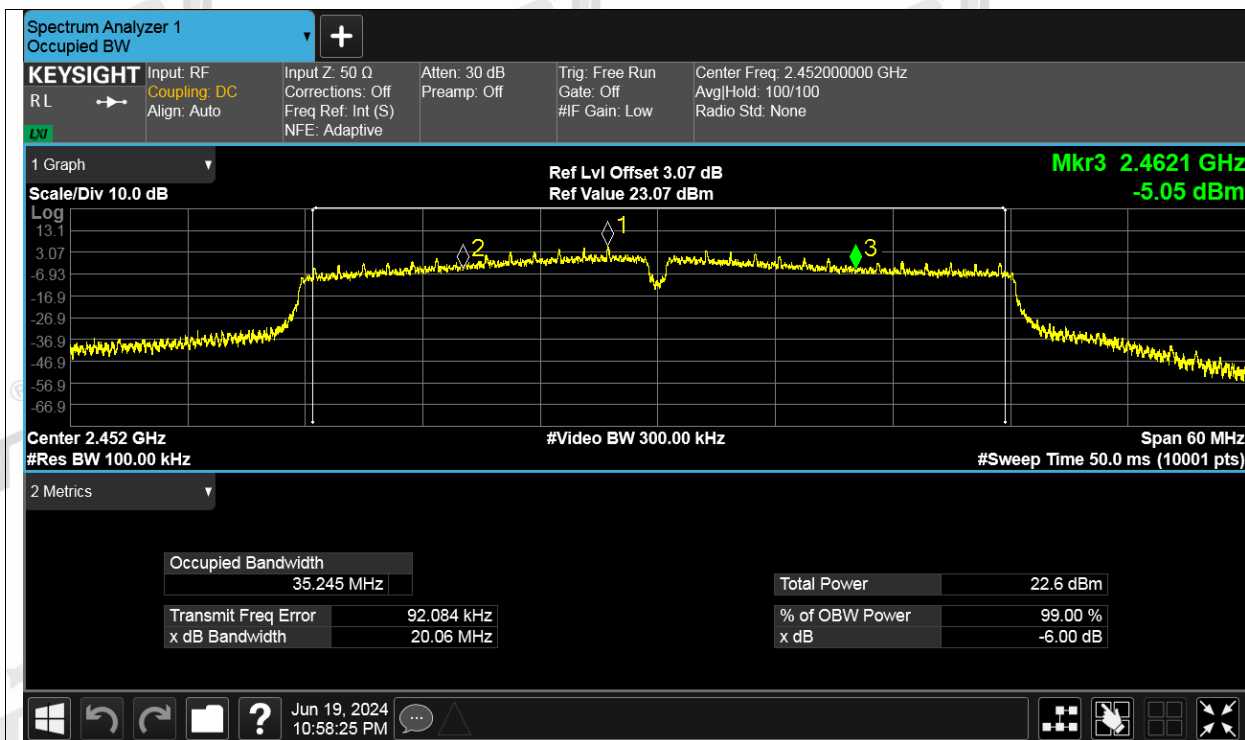
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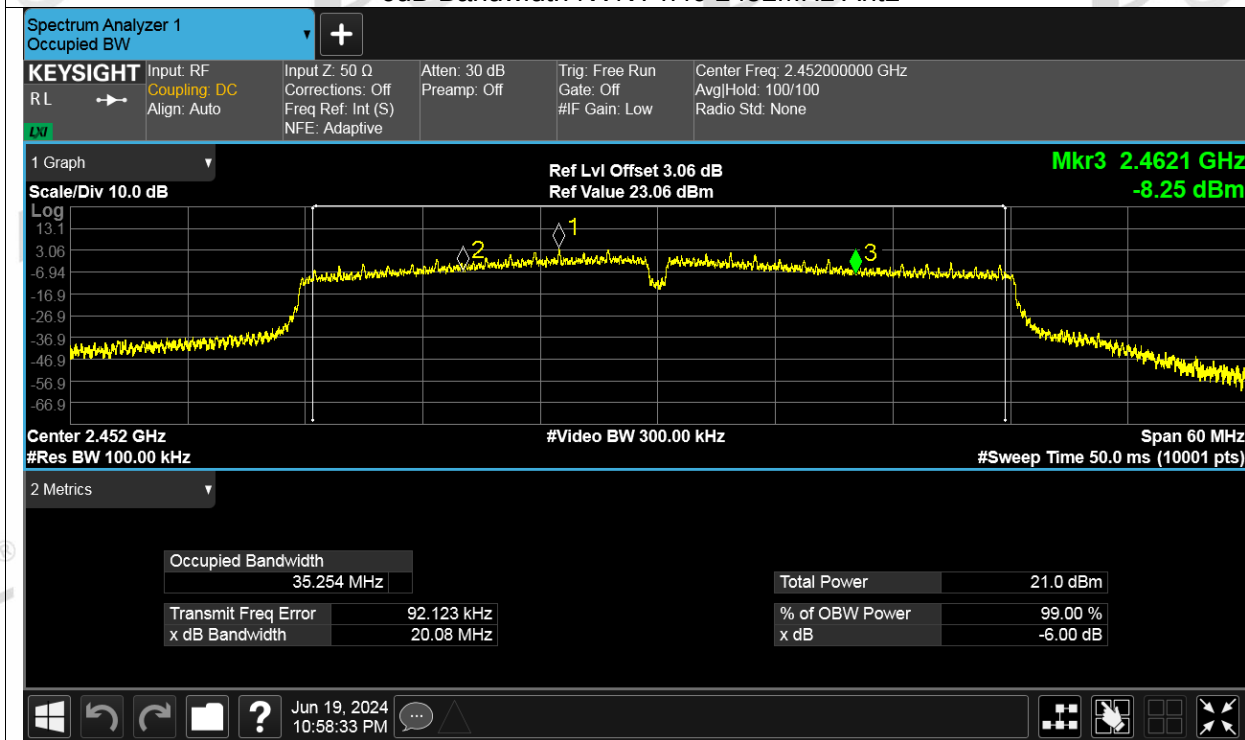
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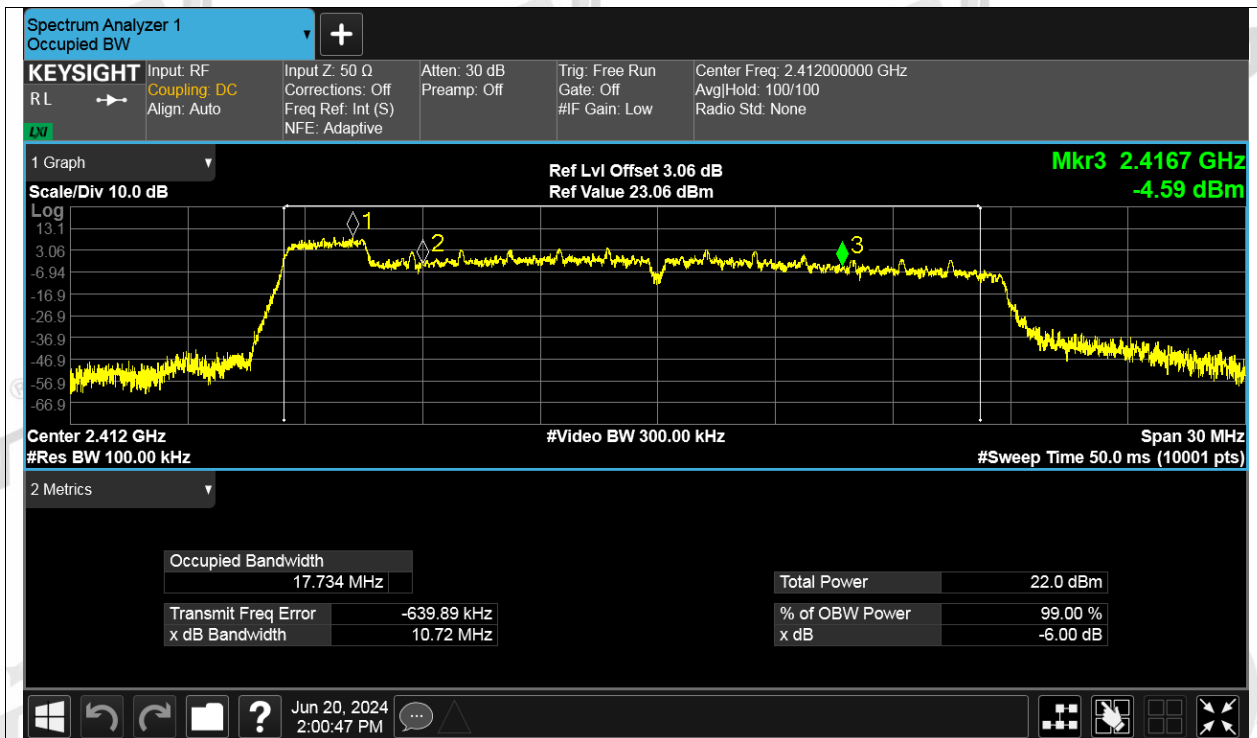
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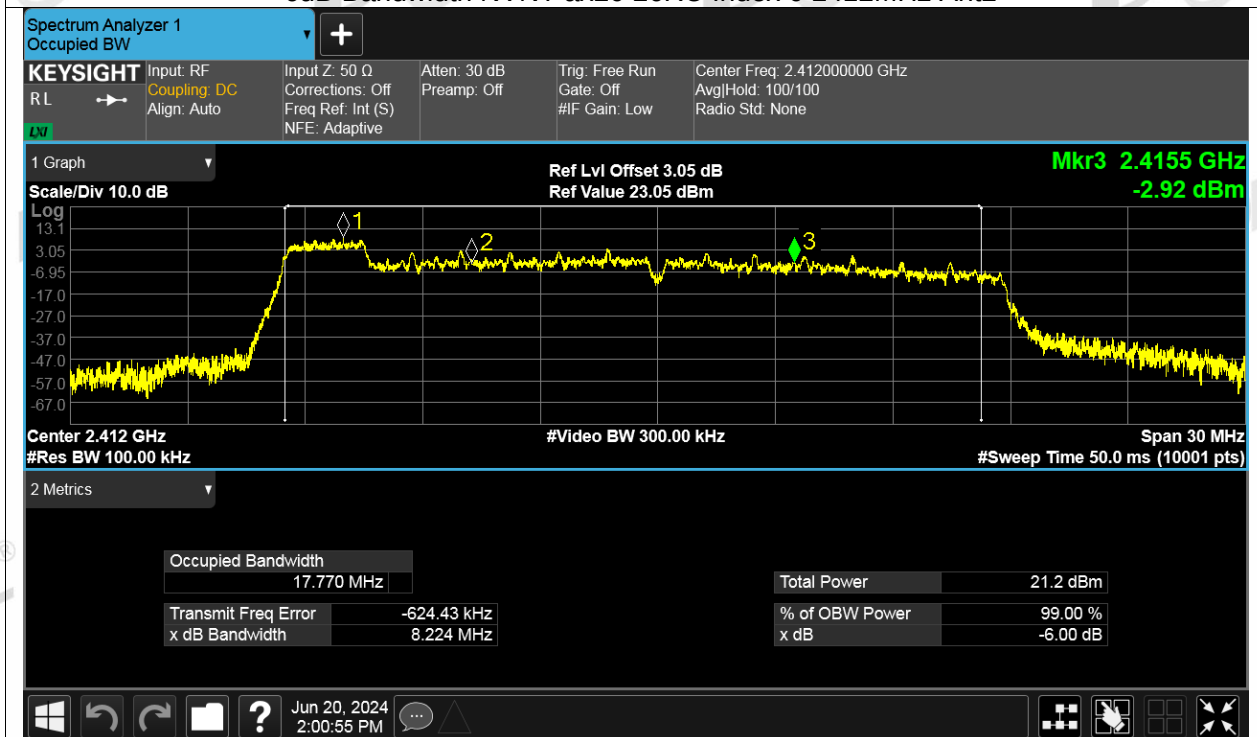
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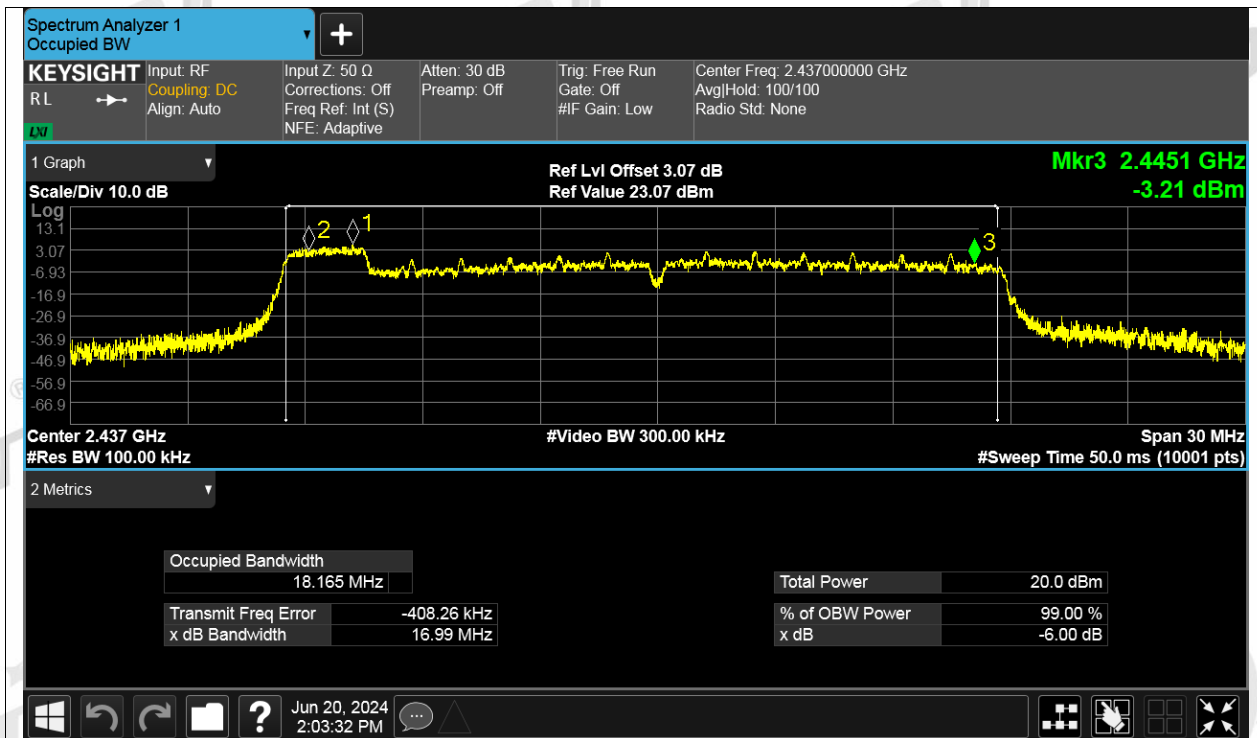
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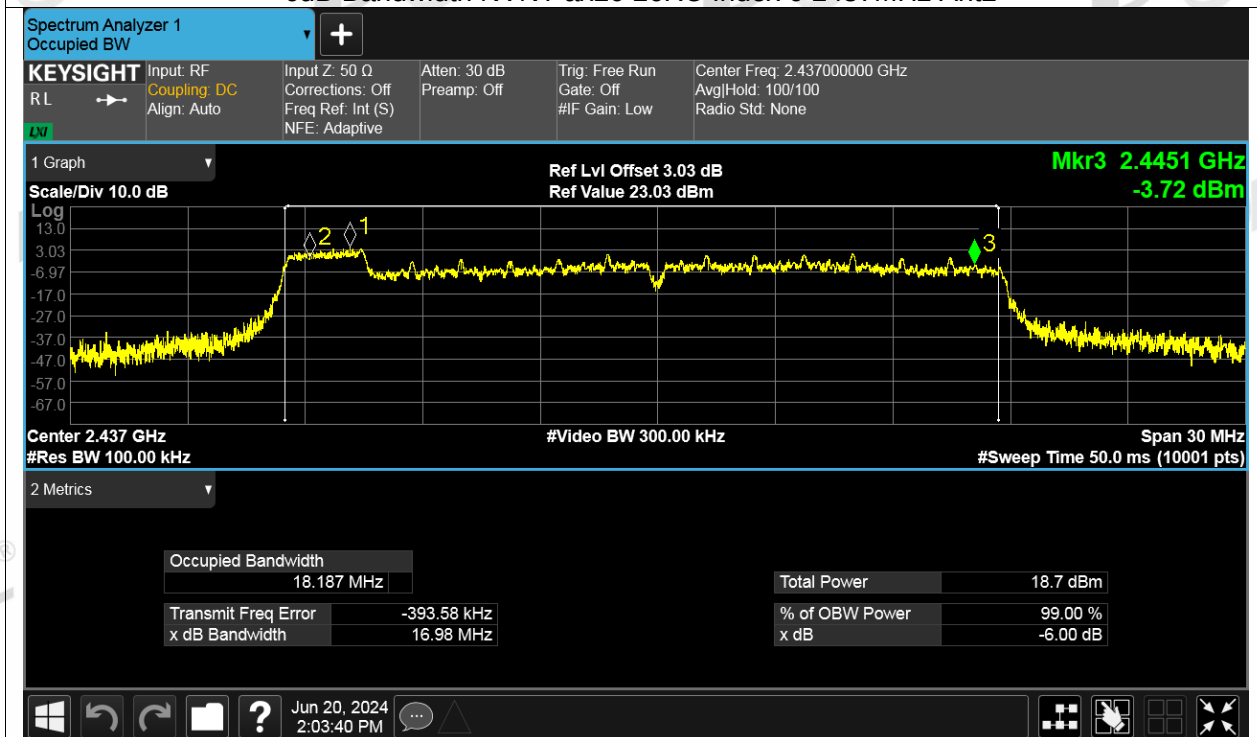
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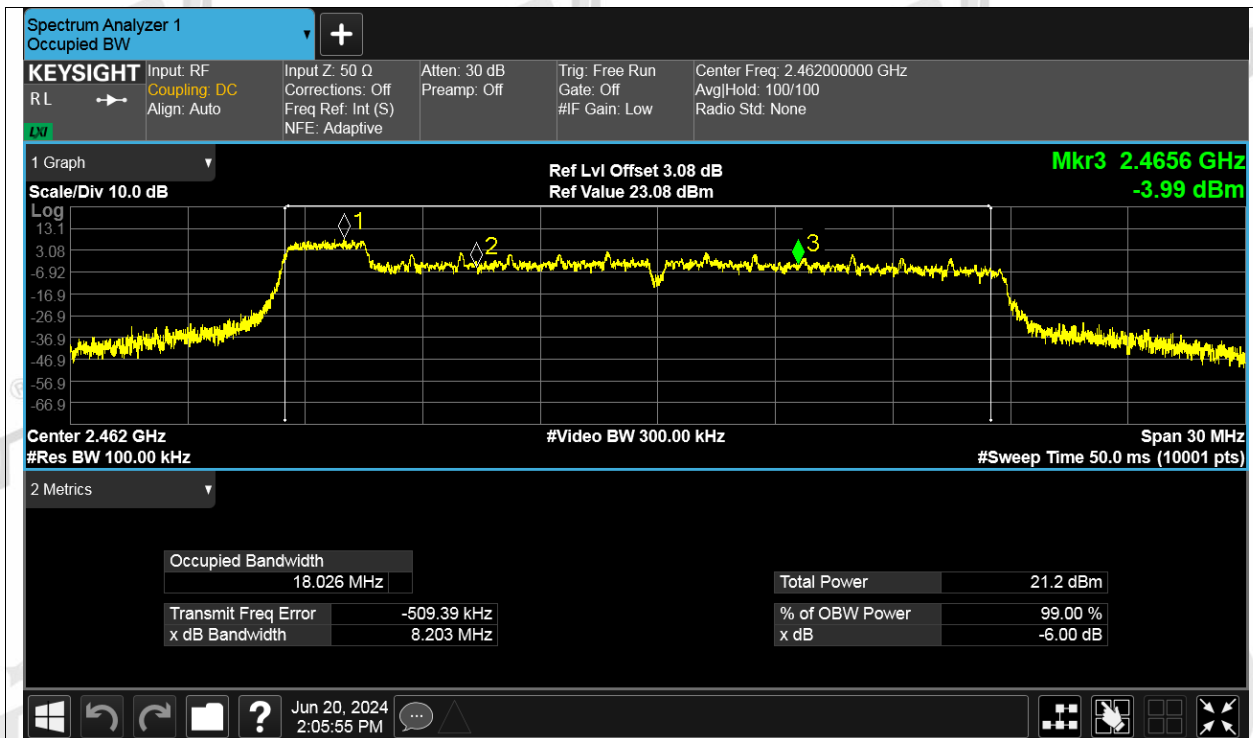
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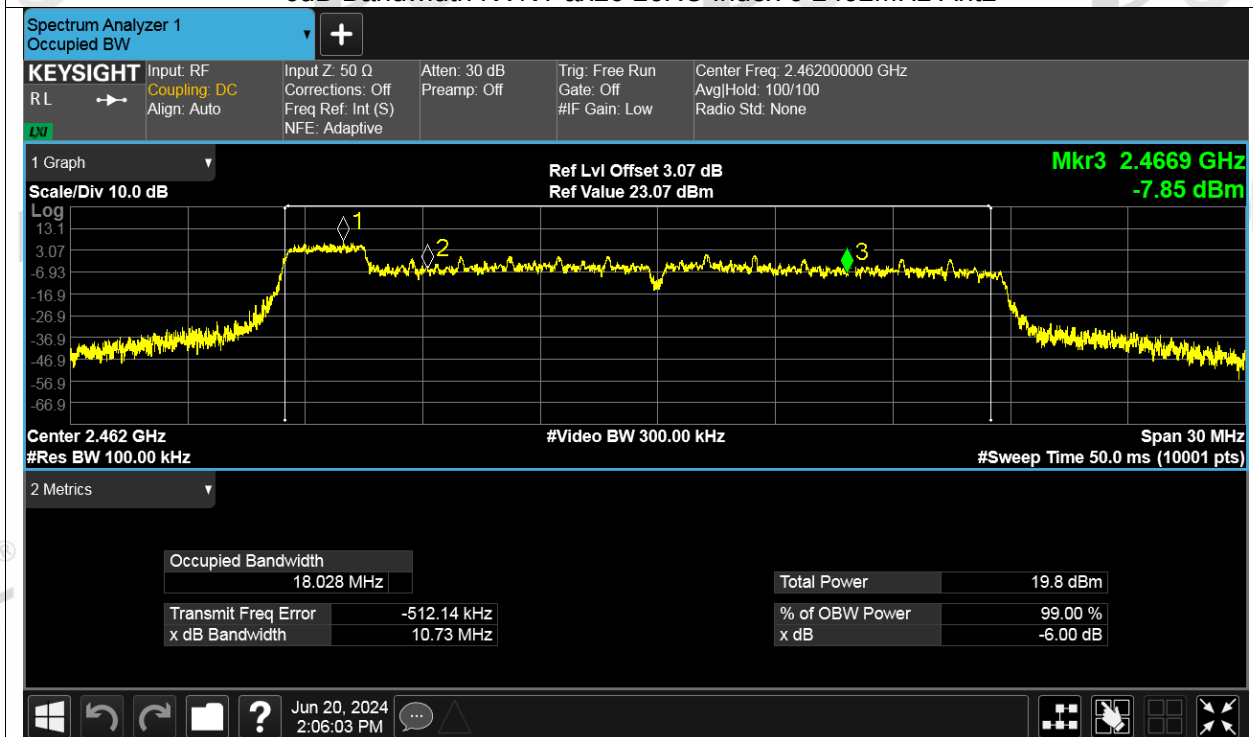
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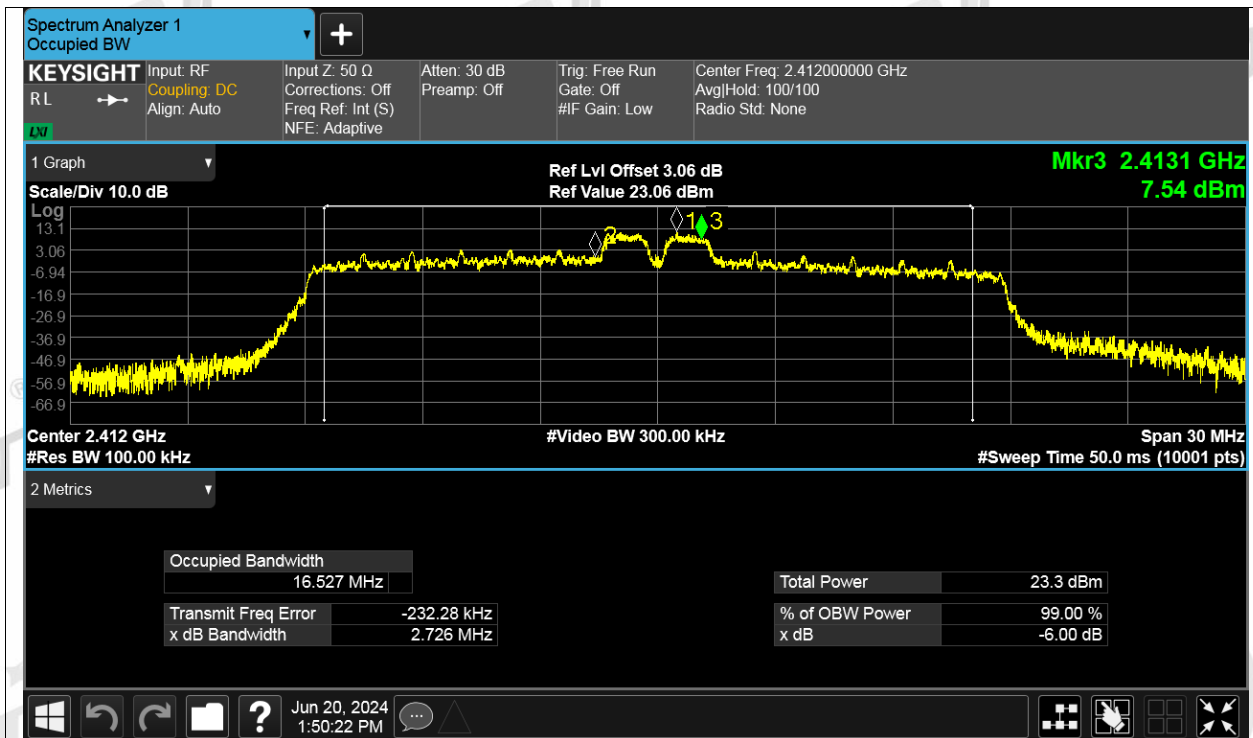
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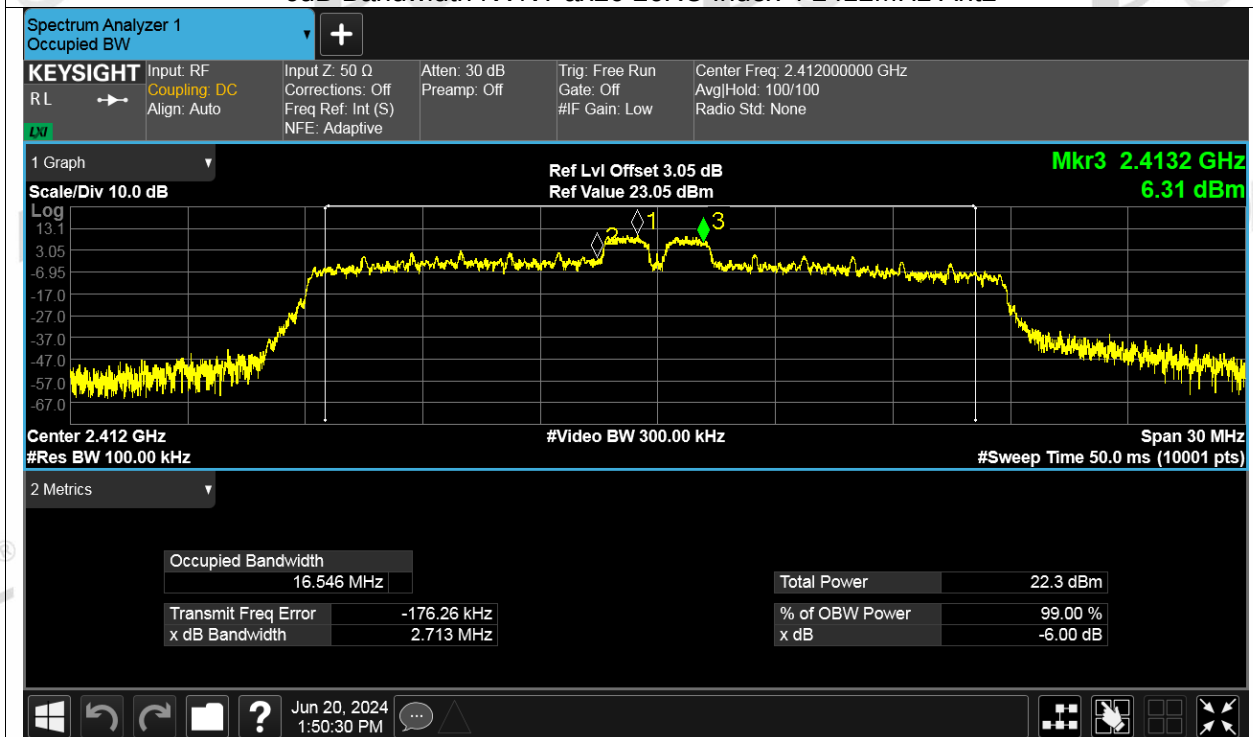
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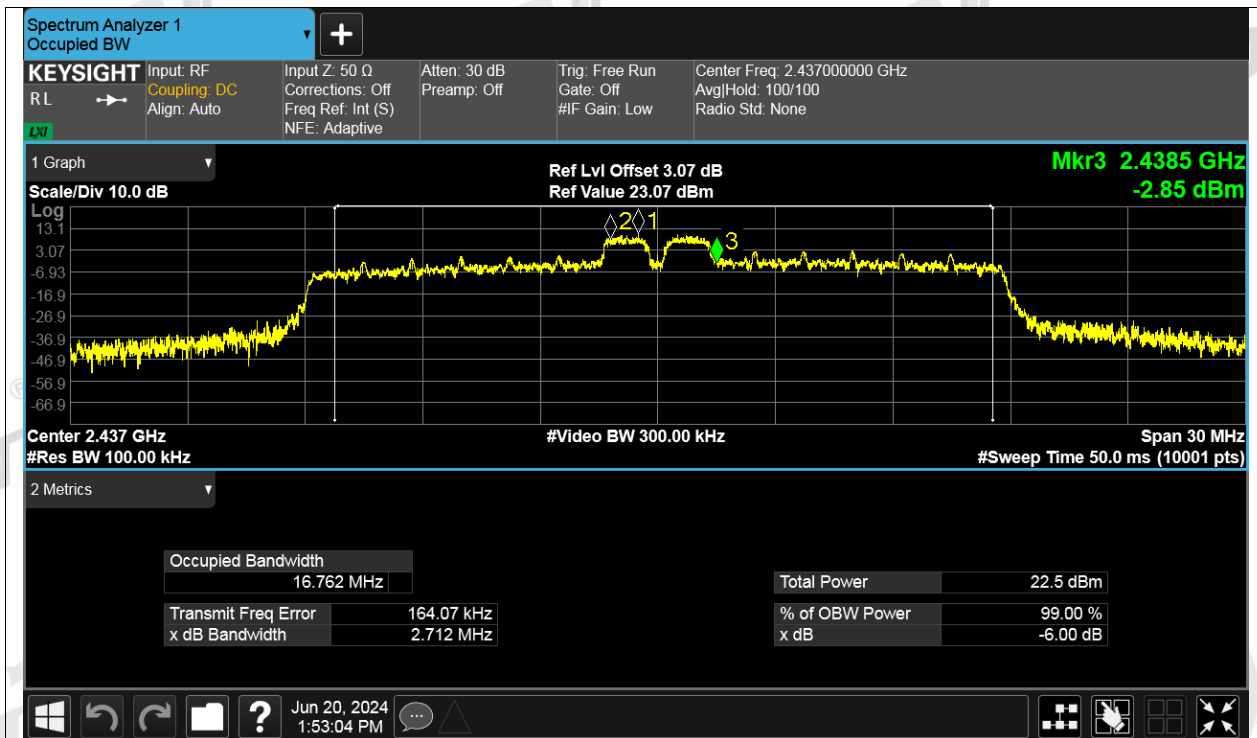
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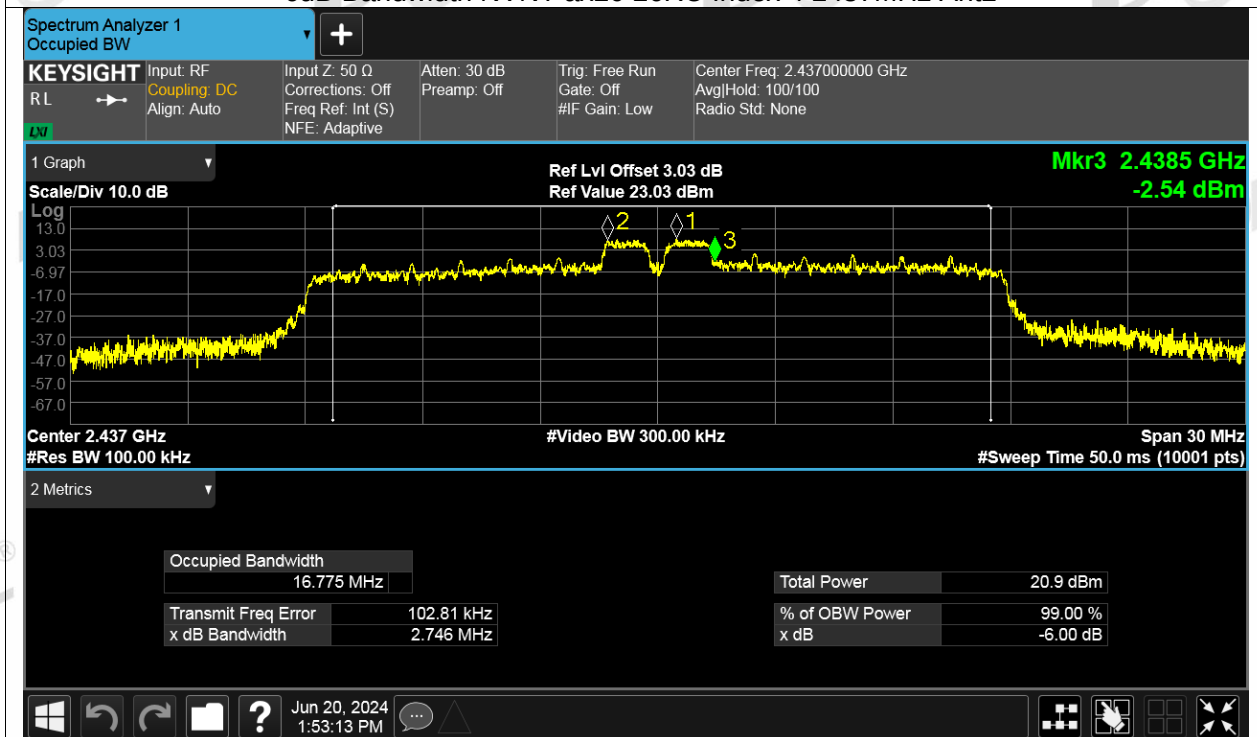
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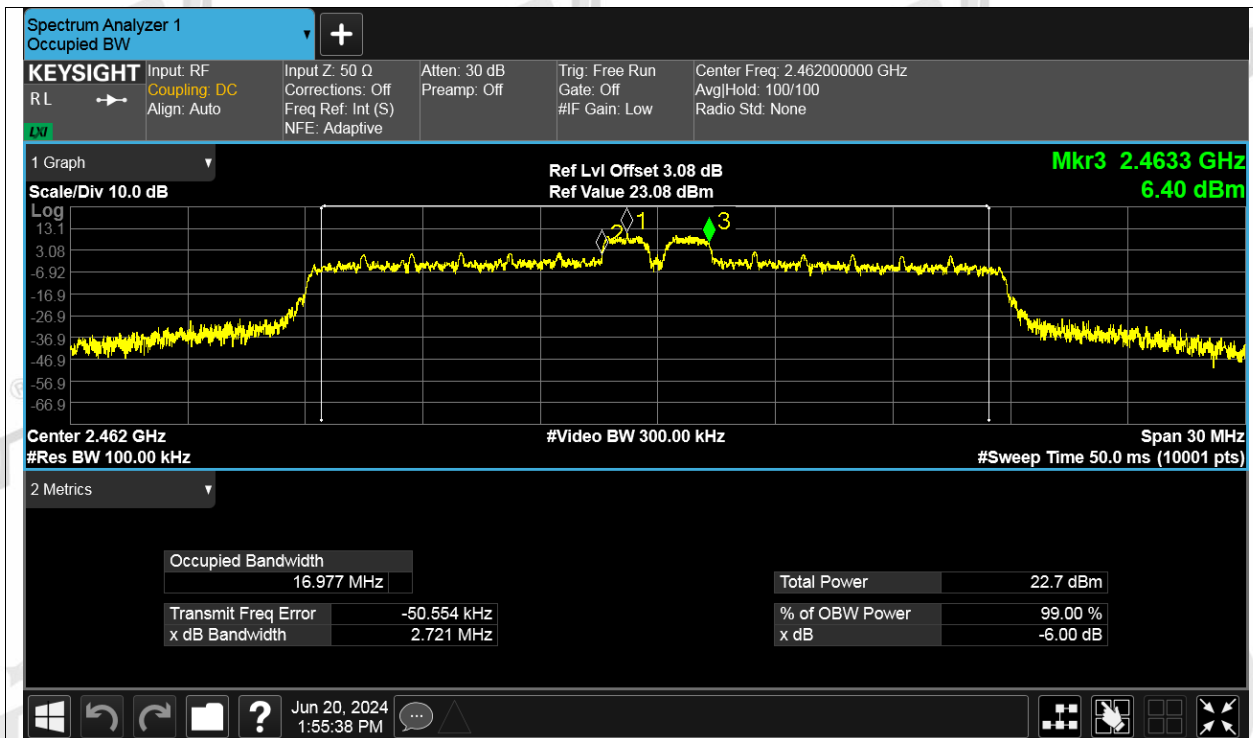
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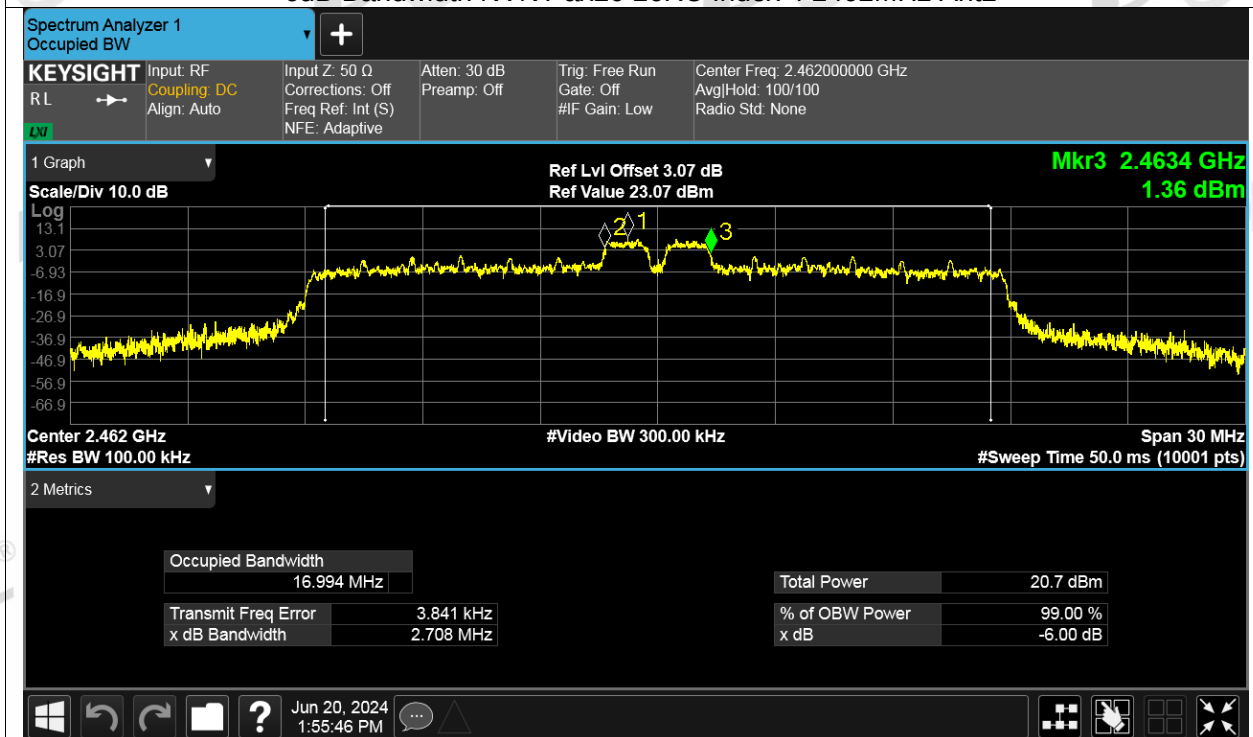
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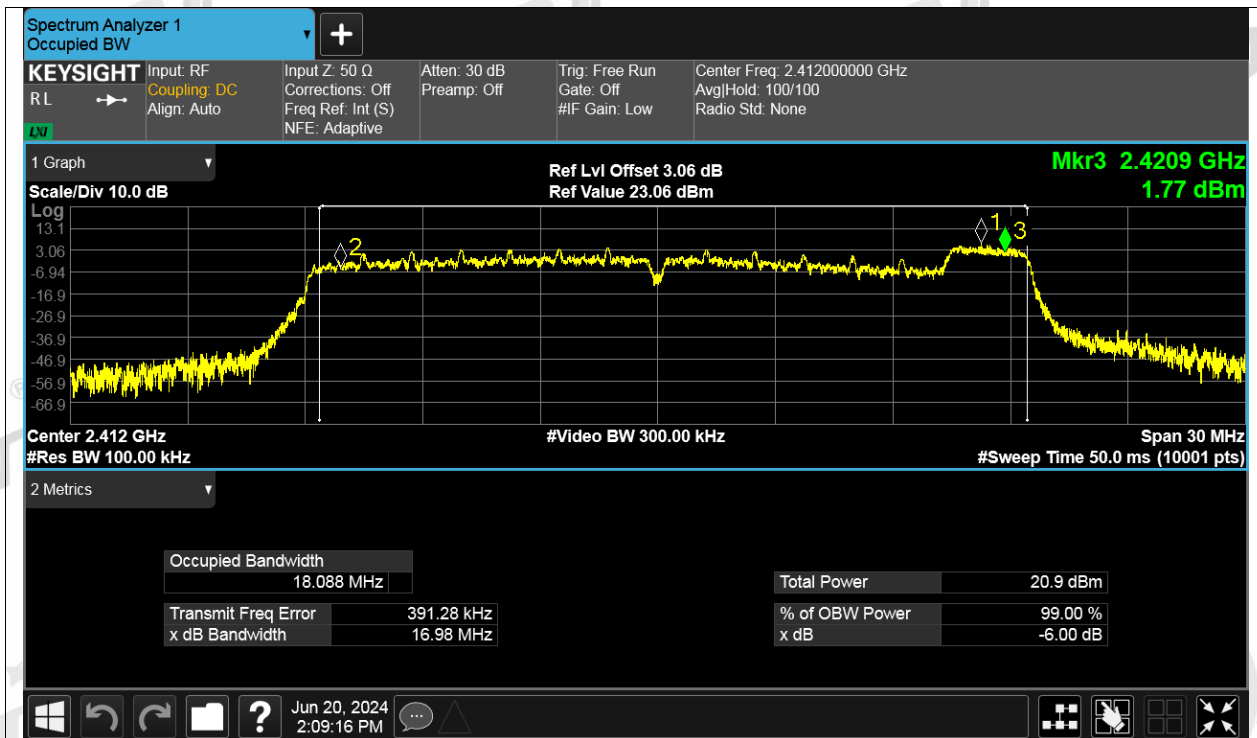
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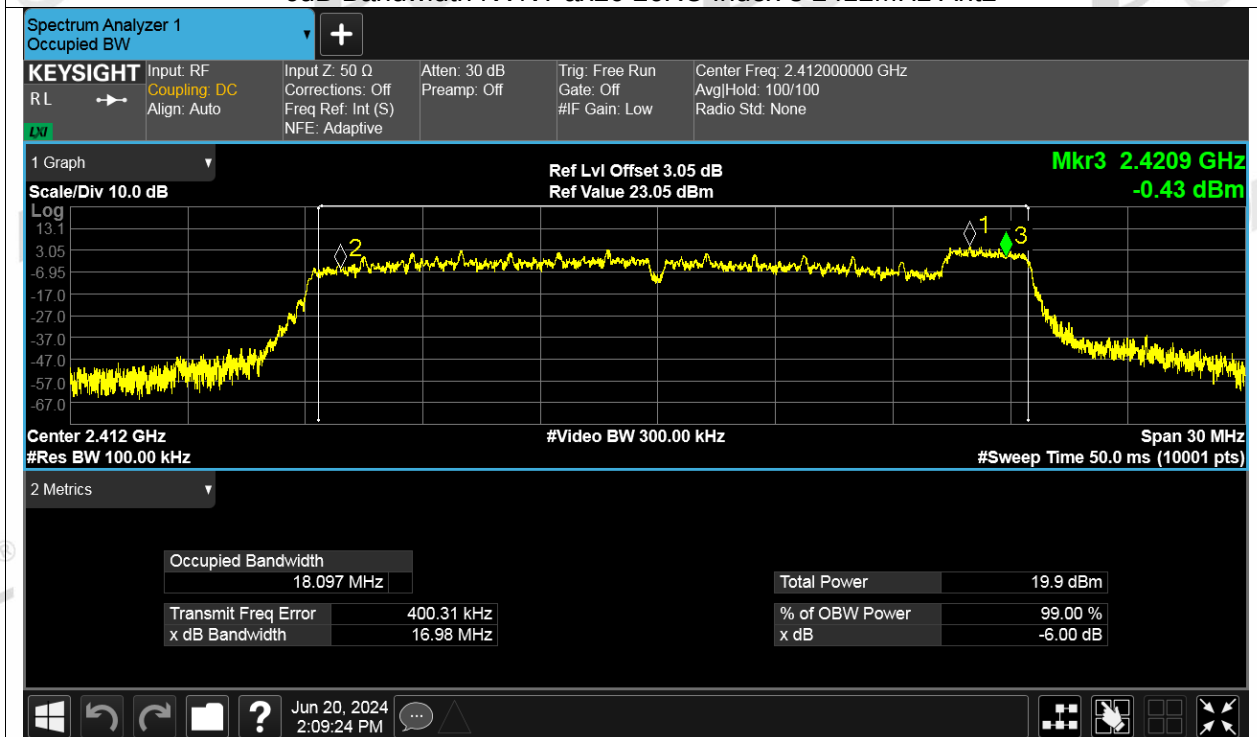
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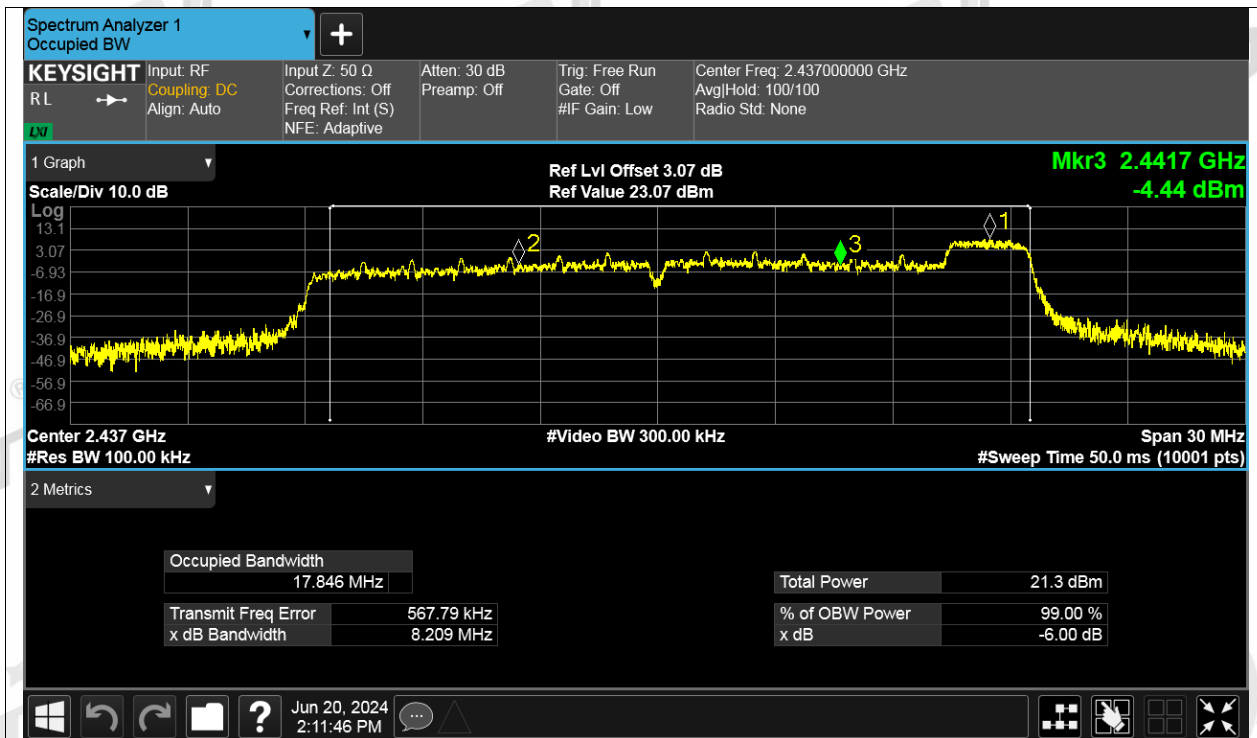
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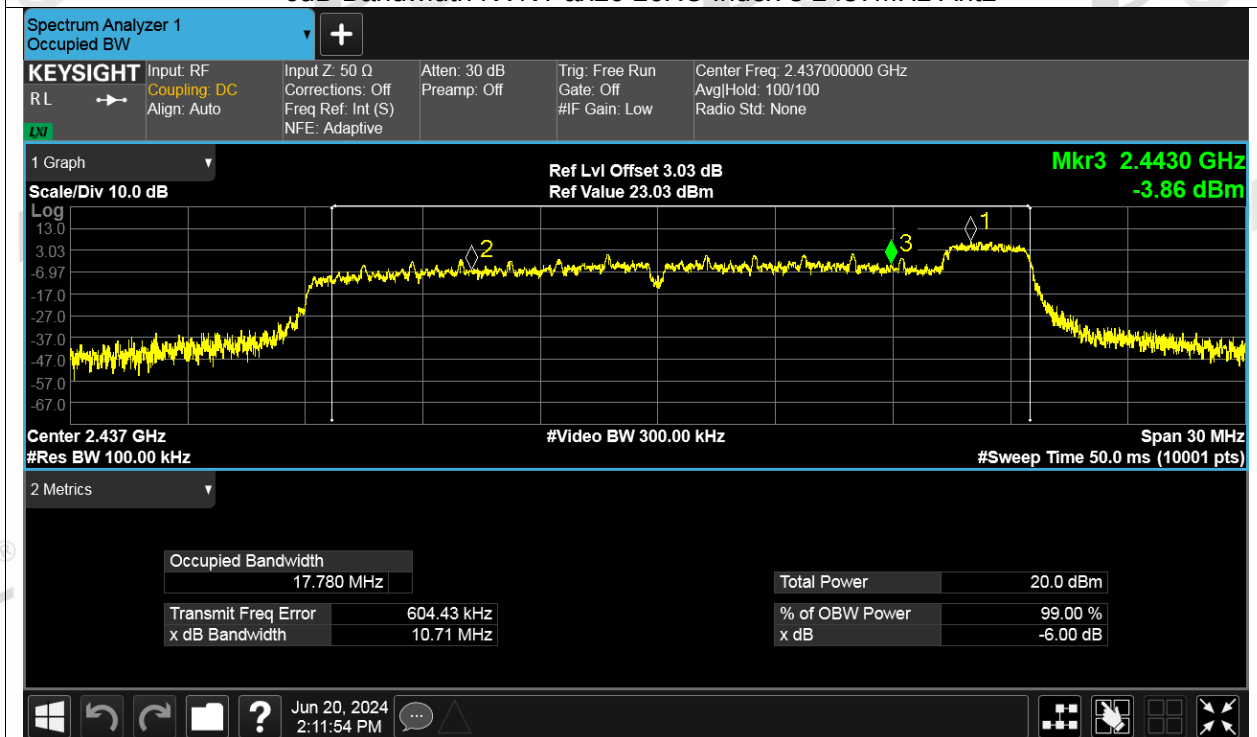
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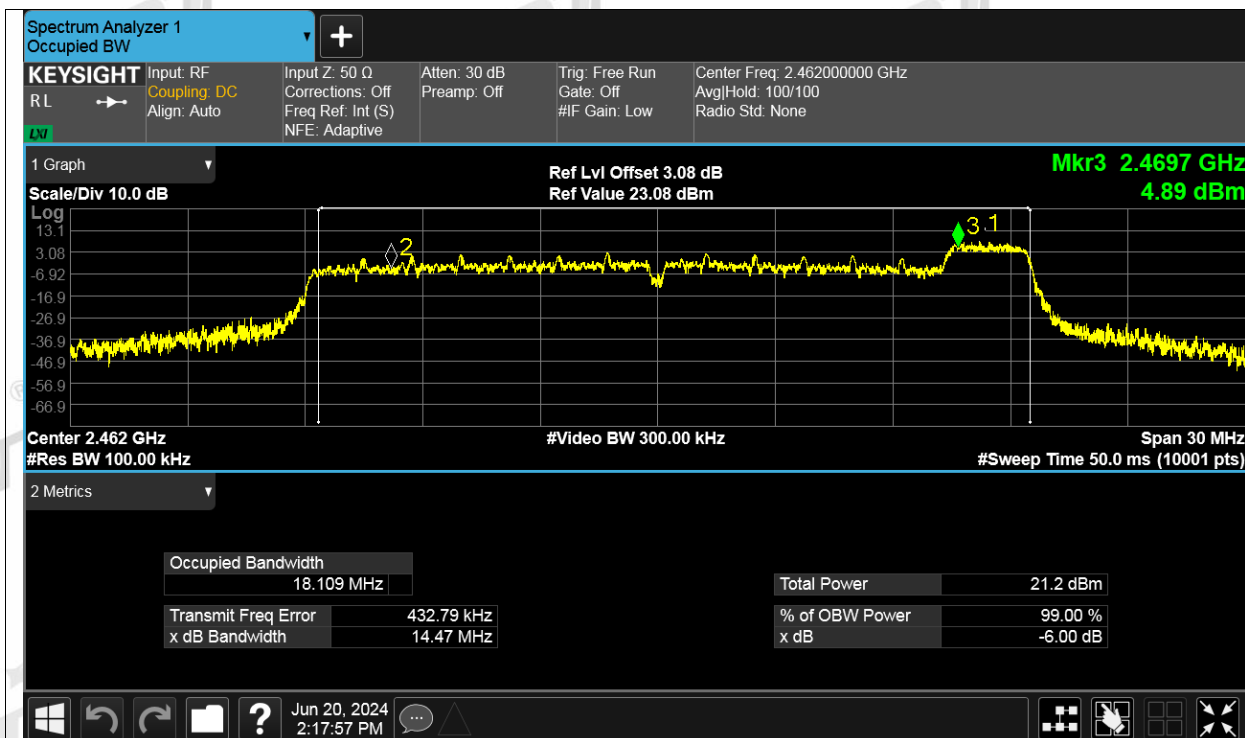
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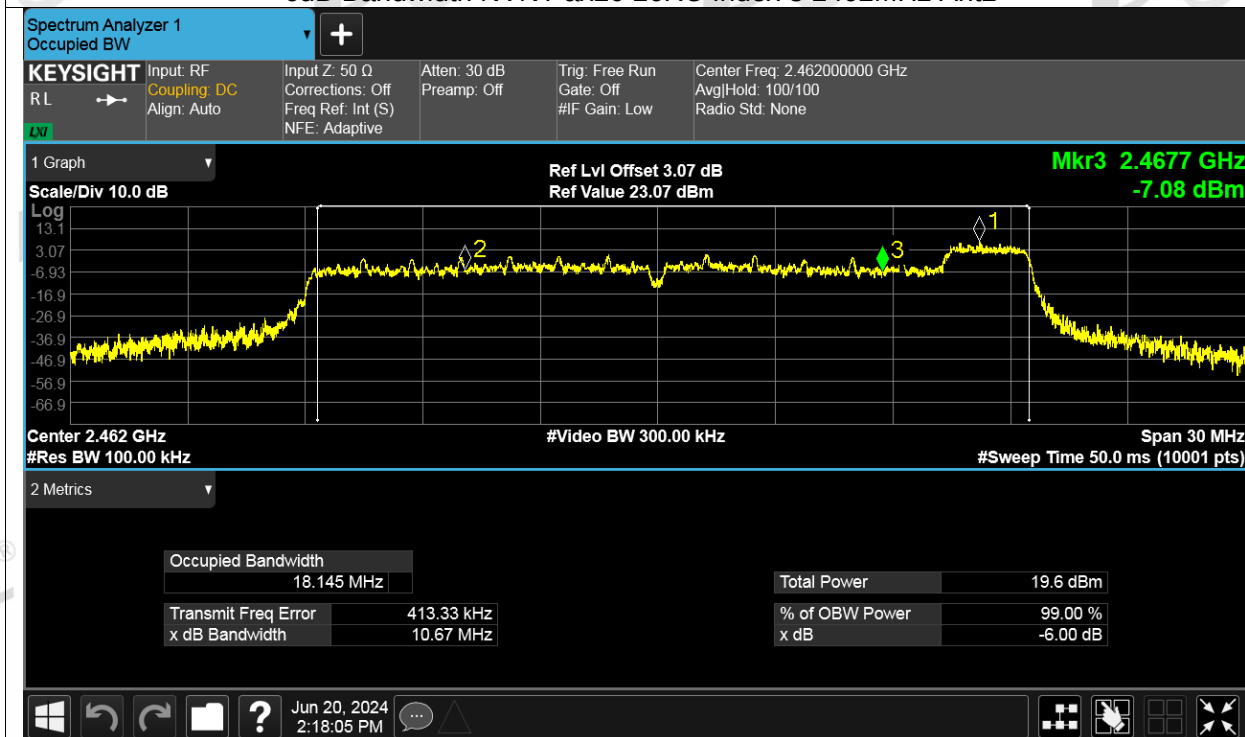
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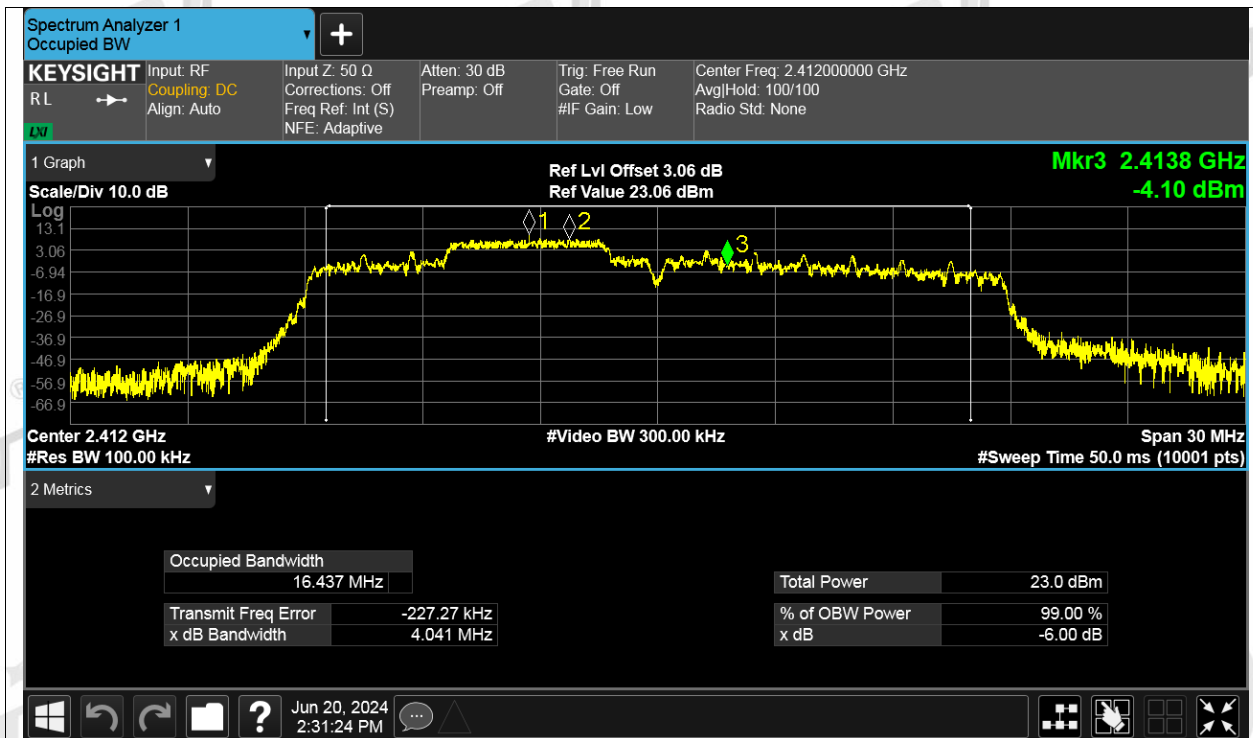
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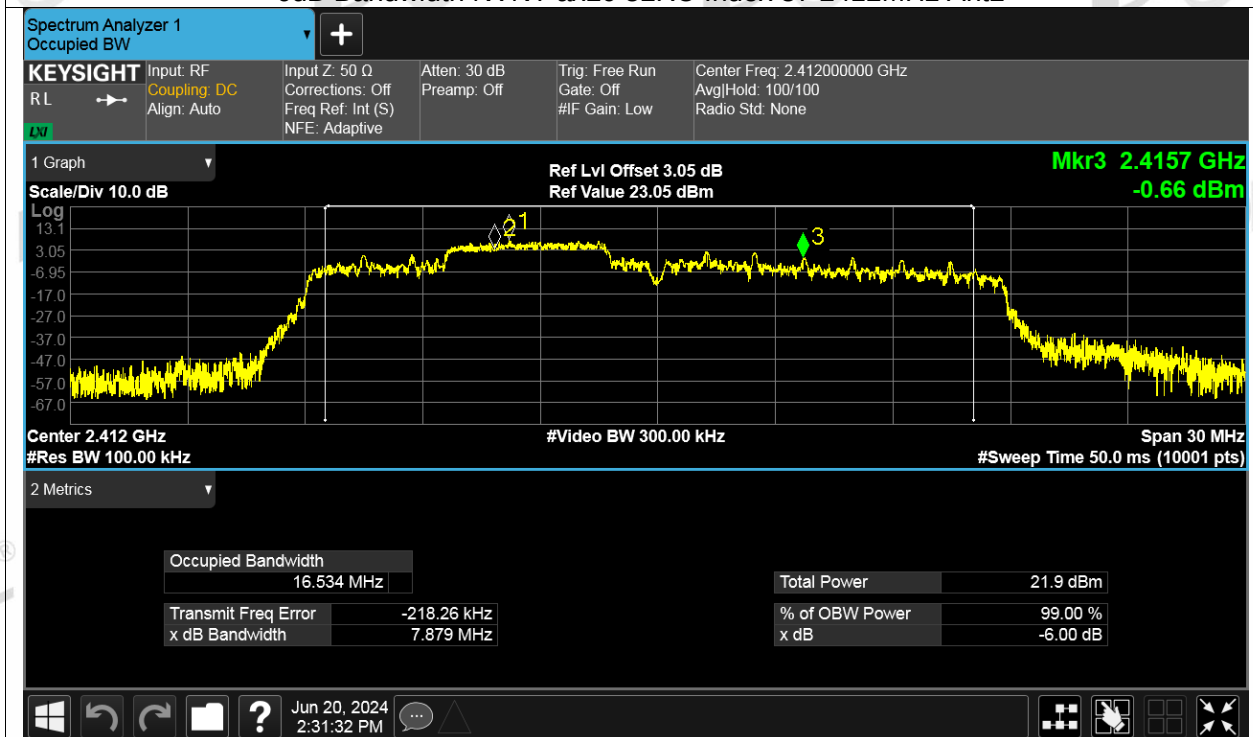
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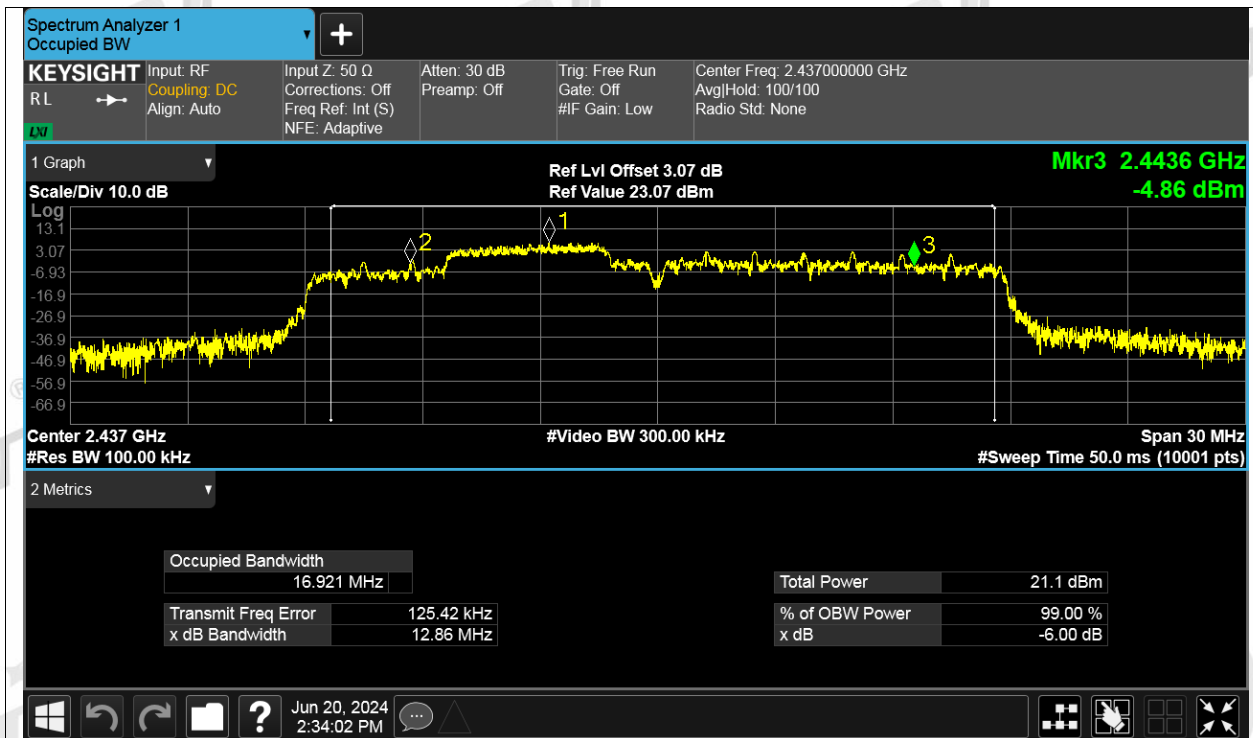
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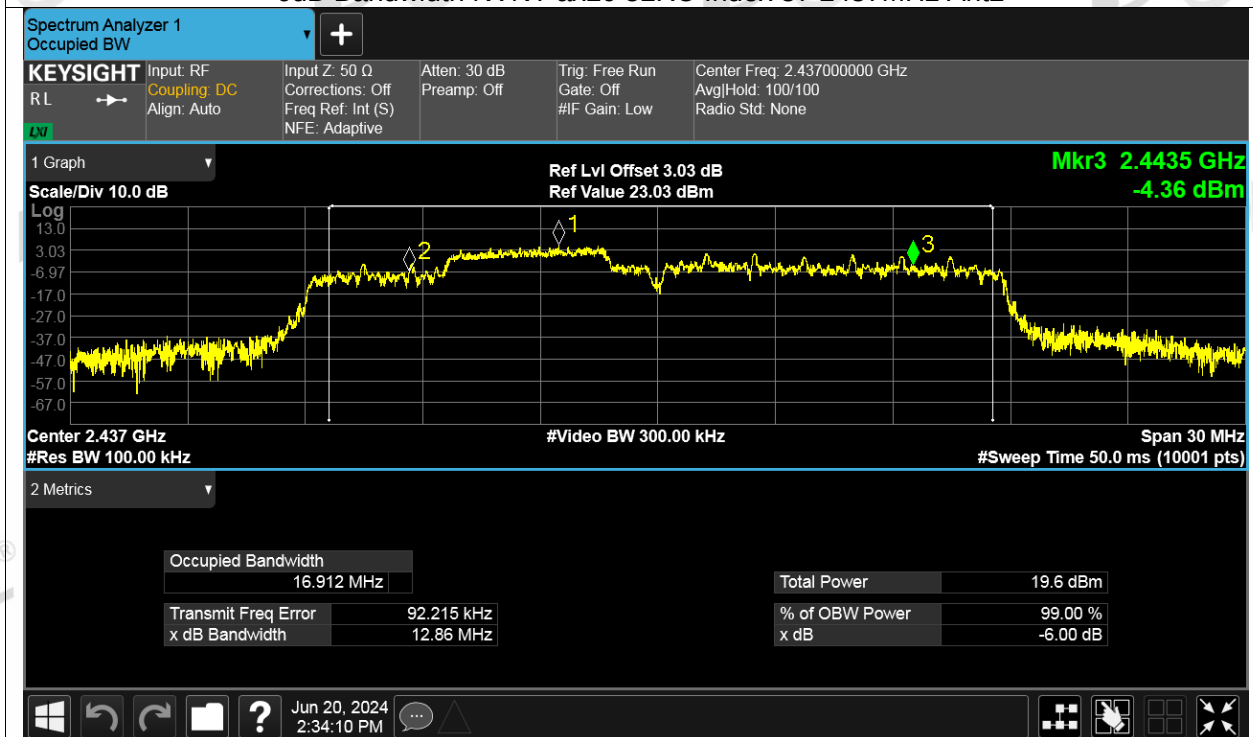
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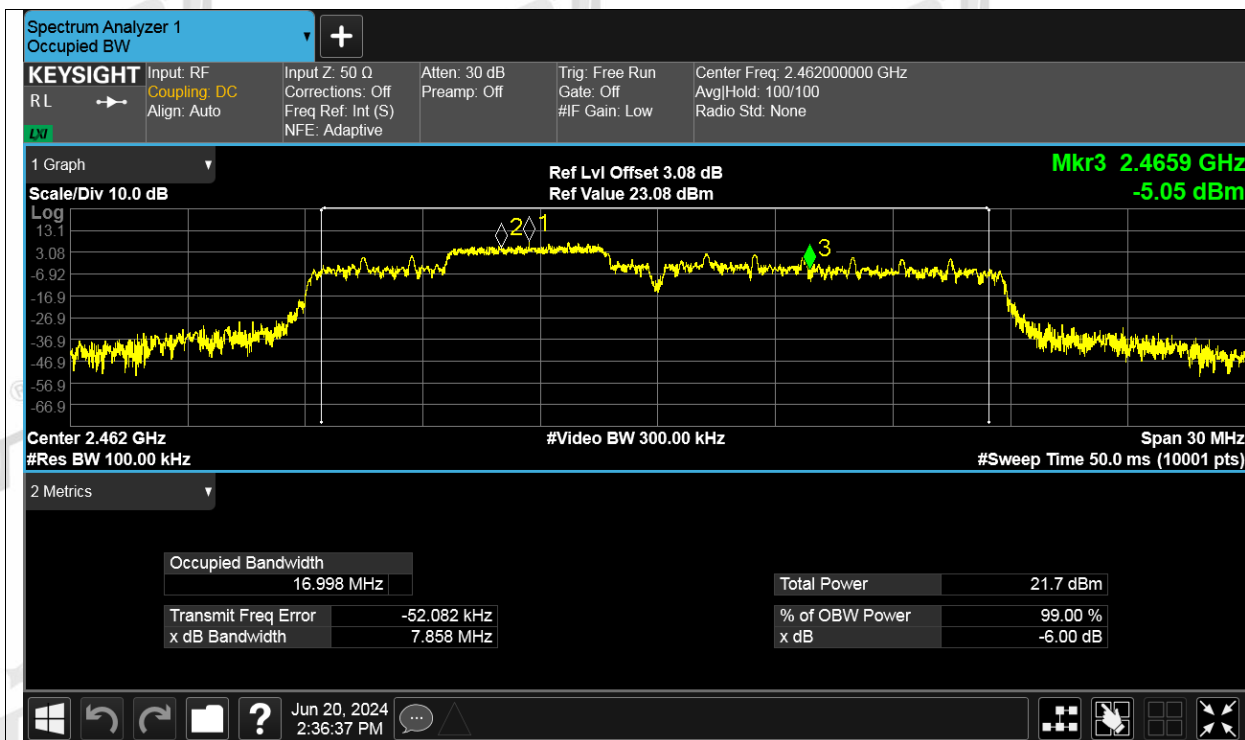
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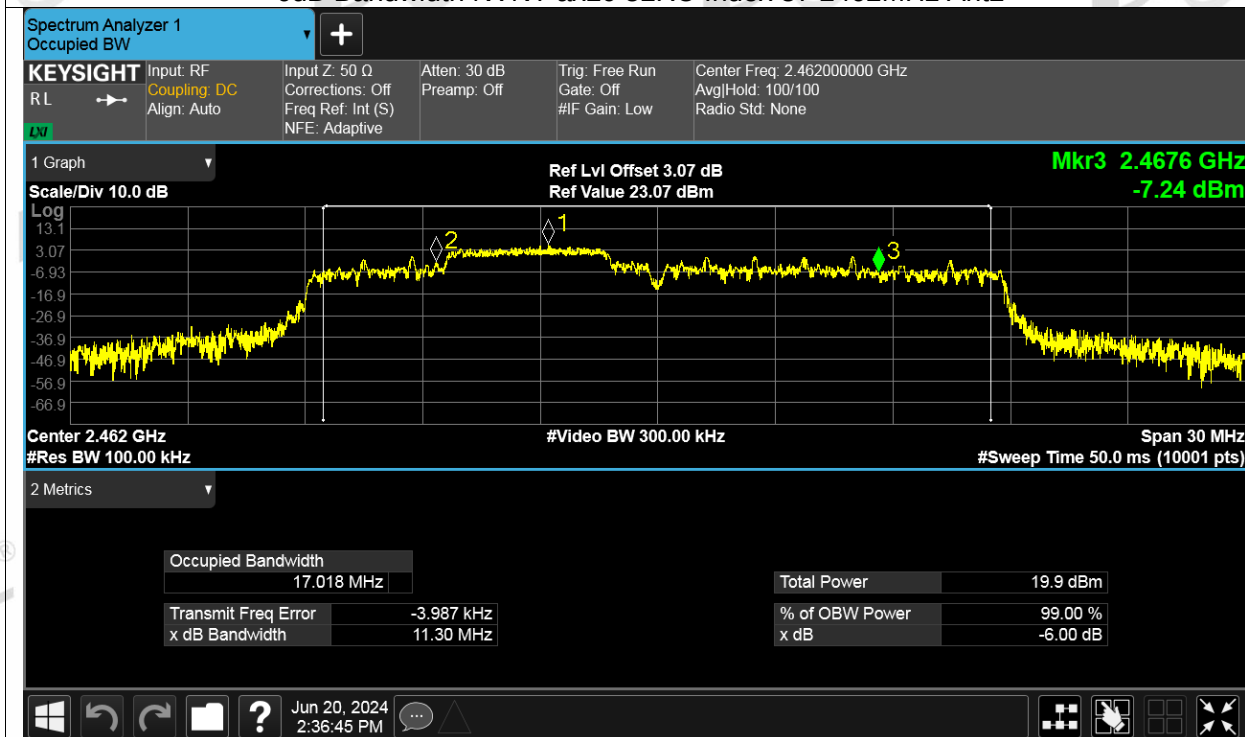
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-6dB Bandwidth NVNT ax20 52RU Index 37 2462MHz Ant1



-6dB Bandwidth NVNT ax20 52RU Index 37 2462MHz Ant2



-6dB Bandwidth NVNT ax20 52RU Index 38 2412MHz Ant1