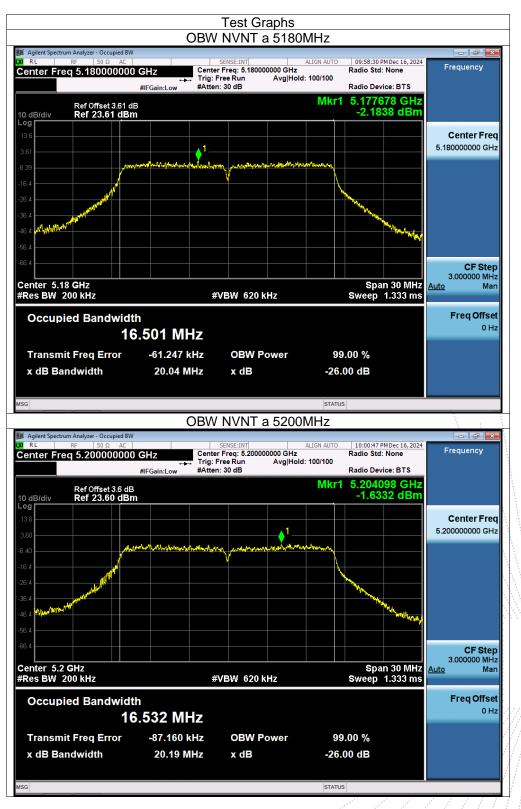
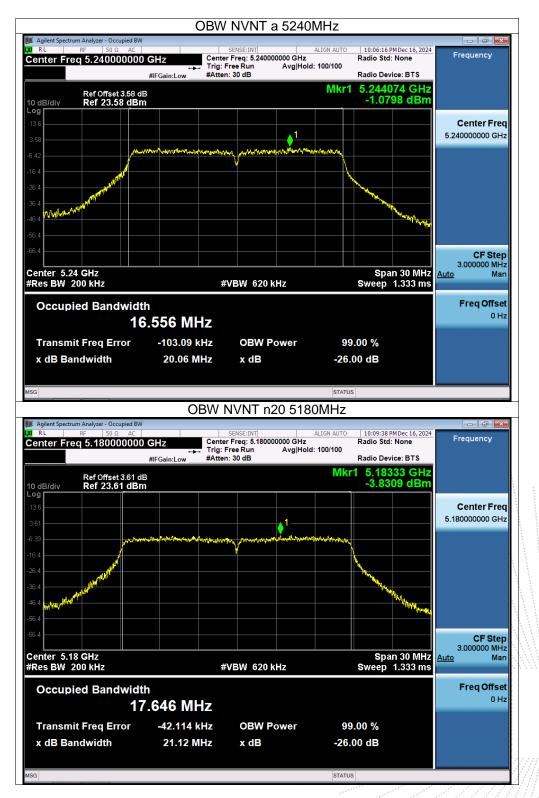




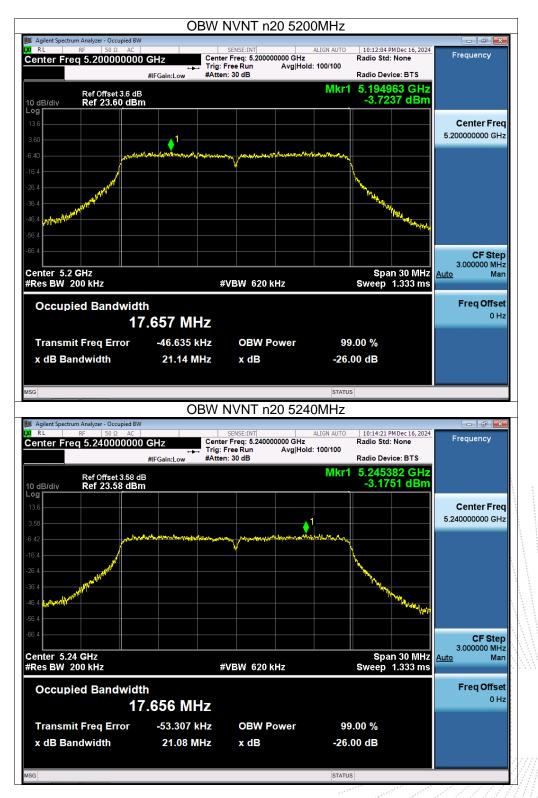
Note: A(B) Represent the value of antenna A and B. The worst data is Antenna A, only shown Antenna A Plot.



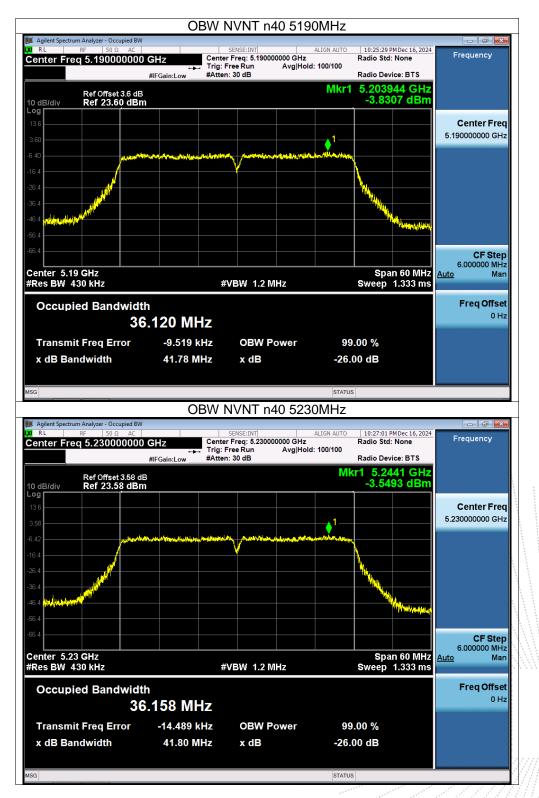




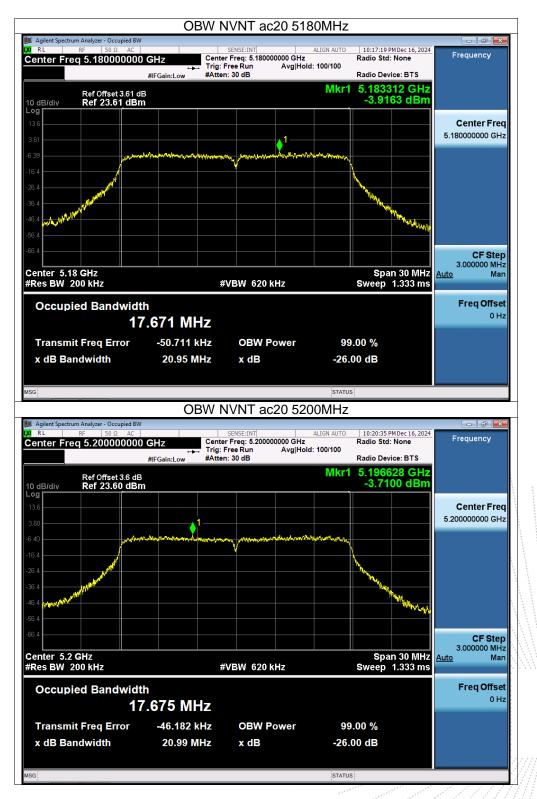




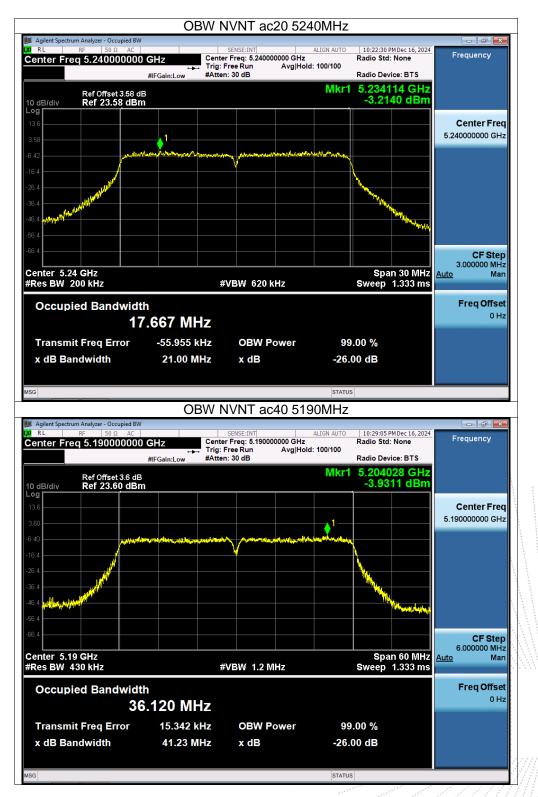




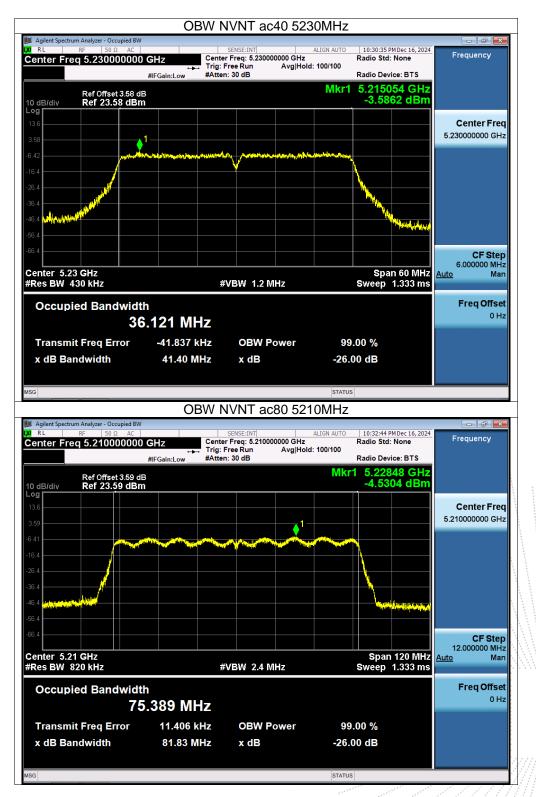












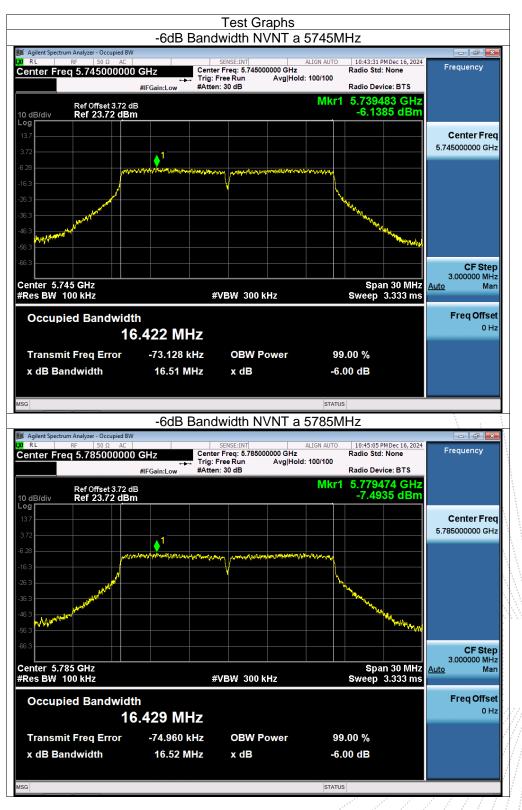


Temperature:	26 ℃	Relative Humidity:	54%	
Pressure:	101kPa	Test Voltage:	DC 7.6V	
Test Mode:	TX Frequency U-NII-3 (5745-5825MHz)			

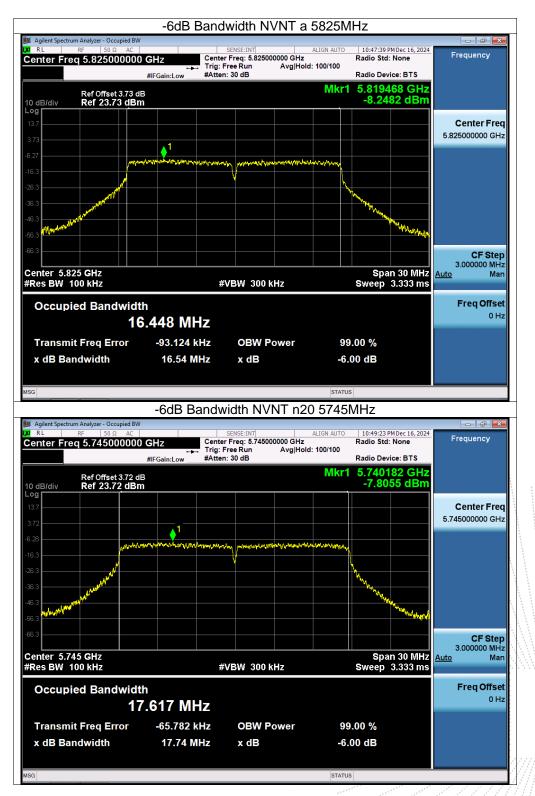
Mode Channel		Frequency	99% OBW (MHz)		-6dB bandwidth (MHz)		Limit -6dB	Result	
wode	Channel	(MHz)	ANT A	ANT B	ANT A	ANT B	bandwidth (MHz)	Result	
NVNT	а	5745	16.512	16.526	16.513	16.541	0.5	Pass	
NVNT	а	5785	16.534	16.557	16.522	16.549	0.5	Pass	
NVNT	а	5825	16.537	16.516	16.54	16.459	0.5	Pass	
NVNT	n20	5745	17.674	17.665	17.739	17.63	0.5	Pass	
NVNT	n20	5785	17.667	17.652	17.64	17.676	0.5	Pass	
NVNT	n20	5825	17.661	17.662	17.702	17.717	0.5	Pass	
NVNT	n40	5755	36.121	36.147	36.391	36.394	0.5	Pass	
NVNT	n40	5795	36.164	36.161	36.404	36.42	0.5	Pass	
NVNT	ac20	5745	17.654	17.673	17.657	17.641	0.5	Pass	
NVNT	ac20	5785	17.692	17.669	17.637	17.635	0.5	Pass	
NVNT	ac20	5825	17.65	17.654	17.627	17.636	0.5	Pass	
NVNT	ac40	5755	36.128	36.127	36.377	36.406	0.5	Pass	
NVNT	ac40	5795	36.171	36.184	36.417	36.416	0.5	Pass	
NVNT	ac80	5775	75.429	75.411	75.977	75.918	0.5	Pass	



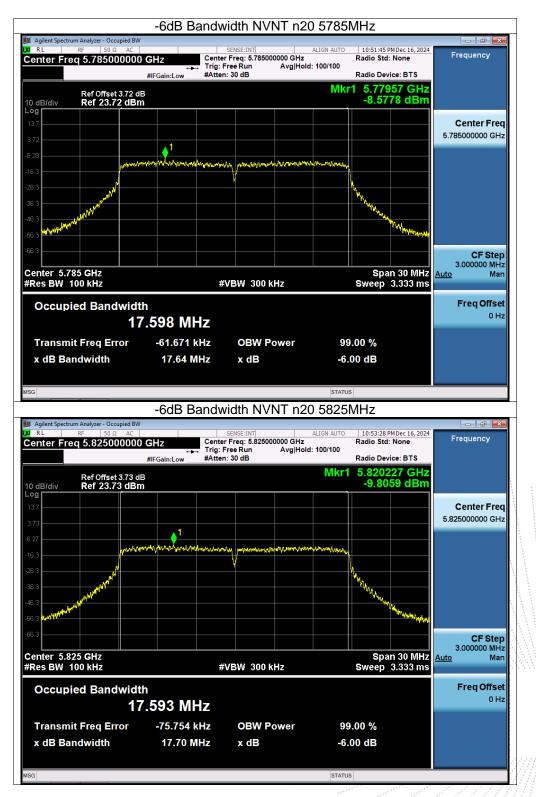
Note: A(B) Represent the value of antenna A and B. The worst data is Antenna A, only shown Antenna A Plot.



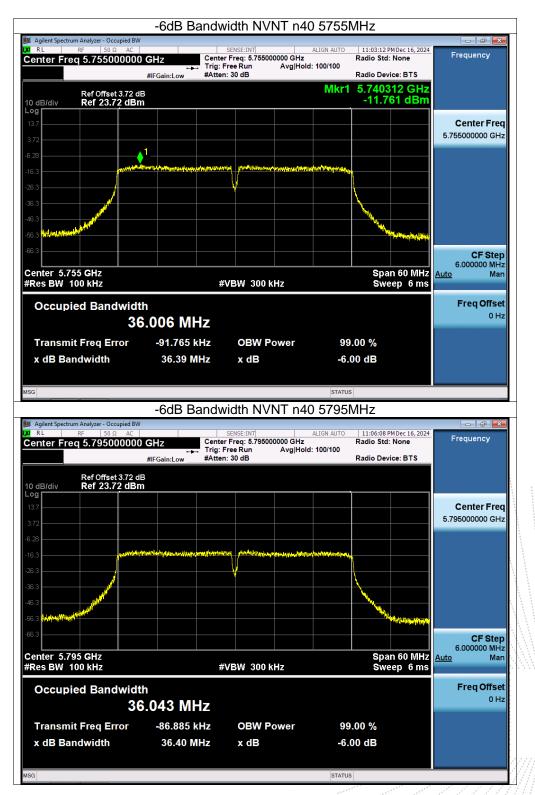




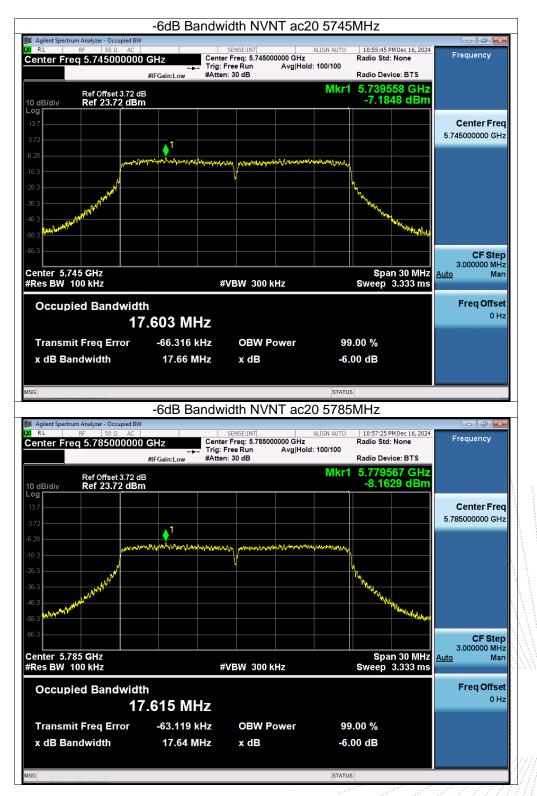




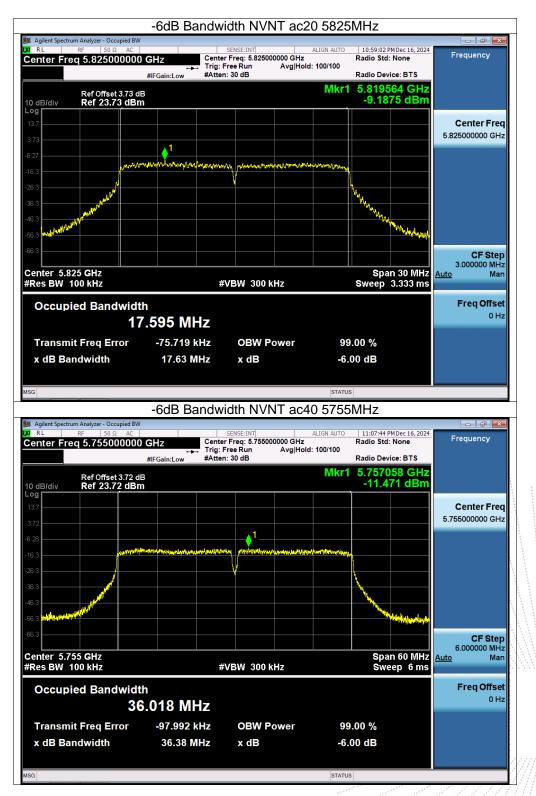




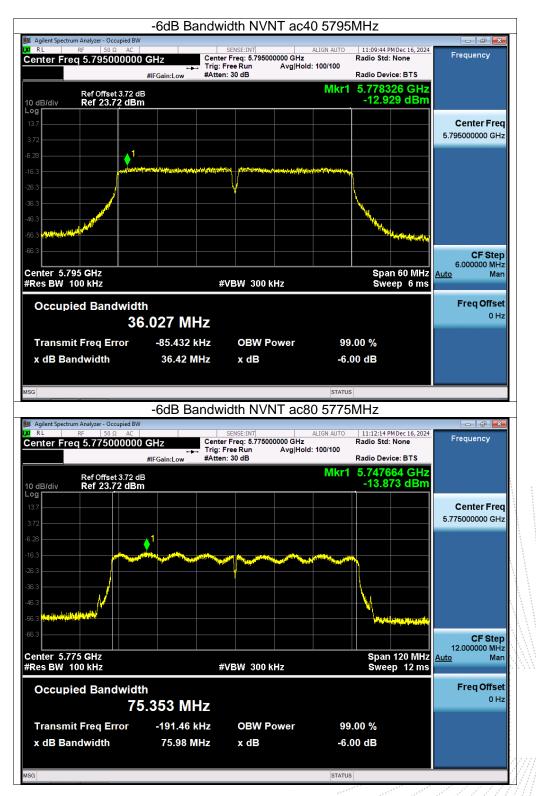






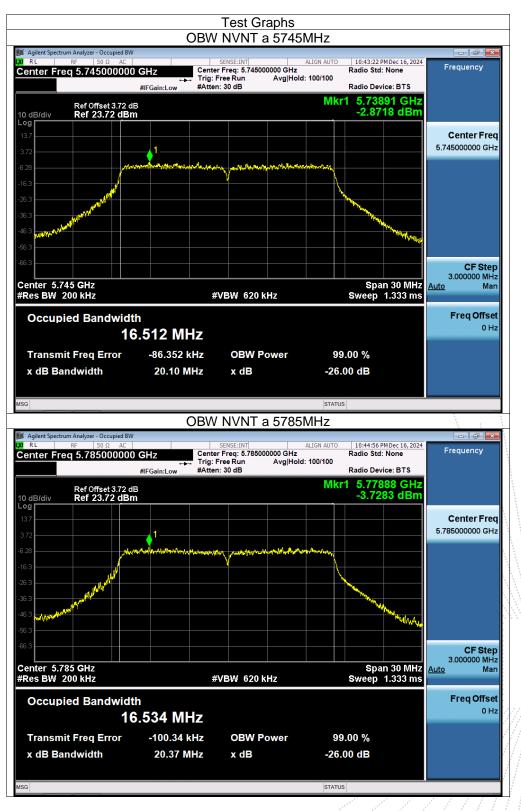




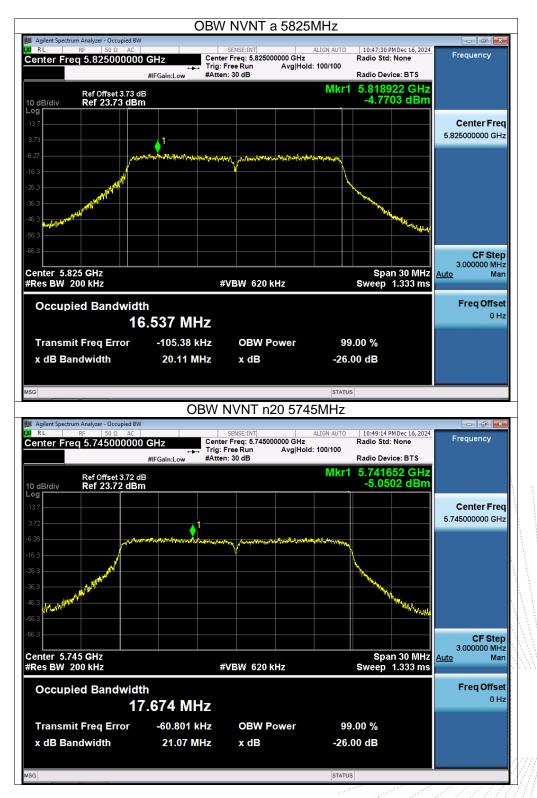




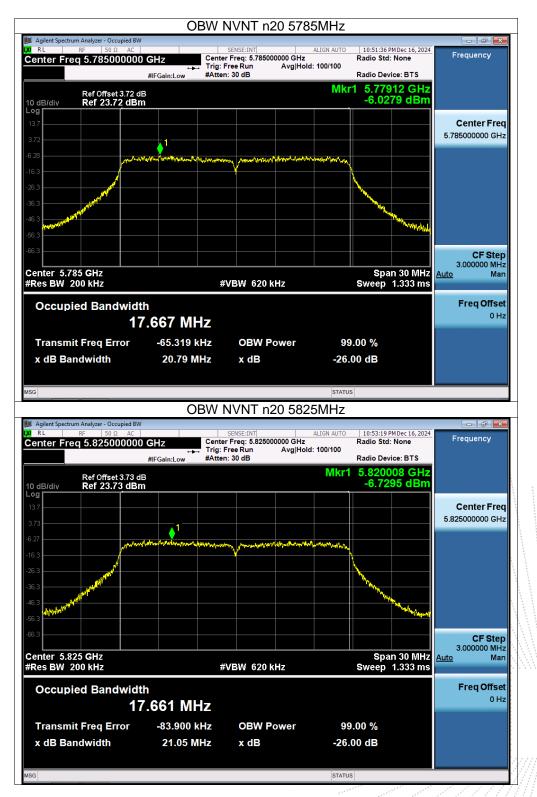
Note: A(B) Represent the value of antenna A and B. The worst data is Antenna A, only shown Antenna A Plot.



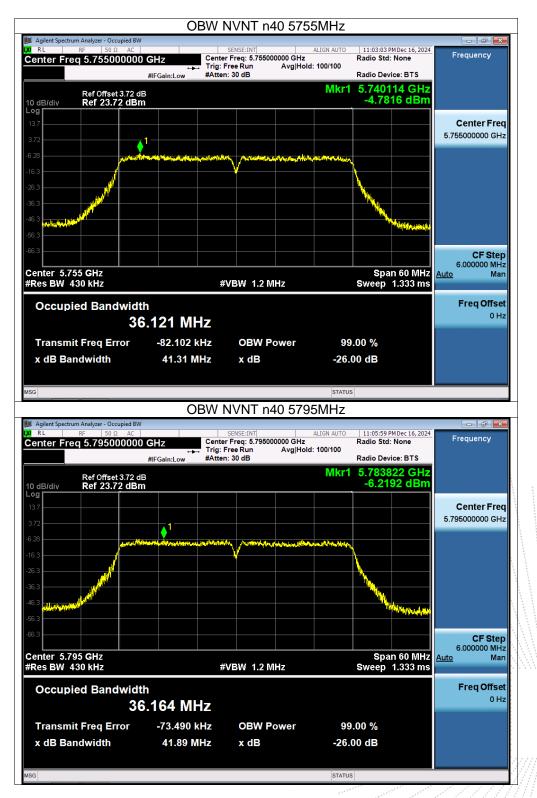




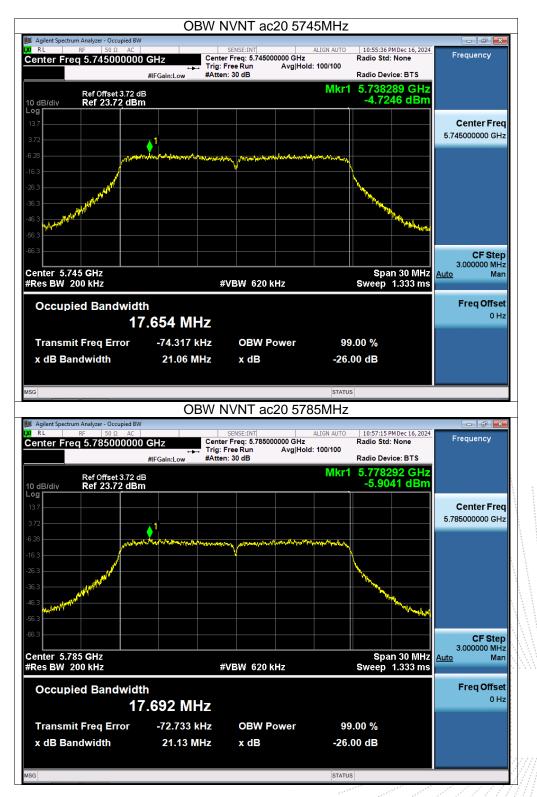




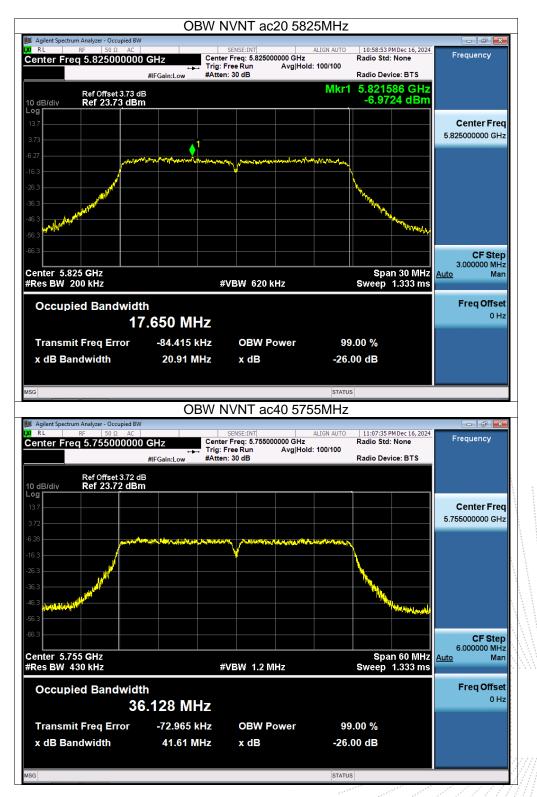




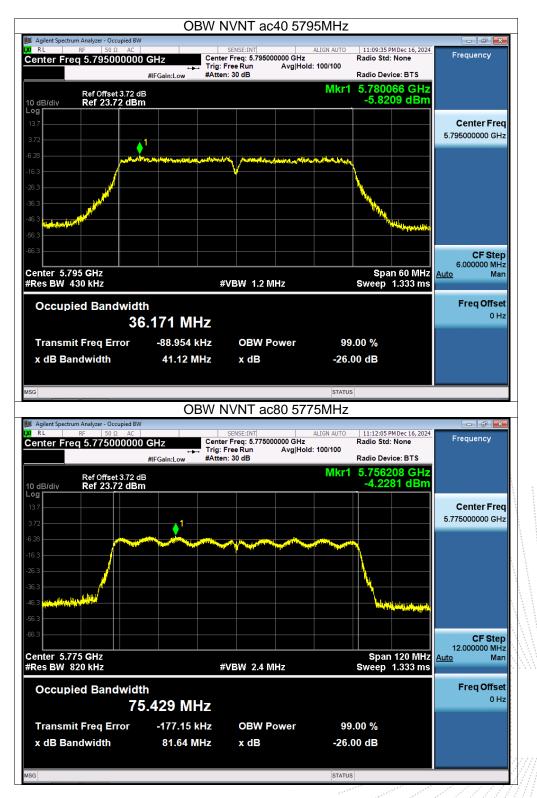














## **10. Maximum Conducted Output Power**

#### 10.1 Block Diagram Of Test Setup



#### 10.2 Limit

#### According to FCC §15.407

The maximum conduced output power should not exceed:

Frequency Band(MHz)	Limit
5150~5250	250mW
5725~5850	1W

#### 10.3 Test Procedure

Maximum conducted output power may be measured using a spectrum analyzer/EMI receiver or an RF power meter.

#### 1. Device Configuration

If possible, configure or modify the operation of the EUT so that it transmits continuously at its maximum power control level (see section II.B.).

a) The intent is to test at 100 percent duty cycle; however a small reduction in duty cycle (to no lower than 98 percent) is permitted if required by the EUT for amplitude control purposes. Manufacturers are expected to provide software to the test lab to permit such continuous operation.

b) If continuous transmission (or at least 98 percent duty cycle) cannot be achieved due to hardware limitations (e.g., overheating), the EUT shall be operated at its maximum power control level with the transmit duration as long as possible and the duty cycle as high as possible.

2. Measurement using a Spectrum Analyzer or EMI Receiver (SA).

Measurement of maximum conducted output power using a spectrum analyzer requires integrating the spectrum across a frequency span that encompasses, at a minimum, either the EBW or the 99-percent occupied bandwidth of the signal.1 However, the EBW must be used to determine bandwidth dependent limits on maximum conducted output power in accordance with § 15.407(a).

a) The test method shall be selected as follows: (i) Method SA-1 or SA-1 Alternative (averaging with the EUT transmitting at full power throughout each sweep) shall be applied if either of the following conditions can be satisfied:

• The EUT transmits continuously (or with a duty cycle ≥ 98 percent).

• Sweep triggering or gating can be implemented in a way that the device transmits at the maximum power control level throughout the duration of each of the instrument sweeps to be averaged. This condition can generally be achieved by triggering the instrument's sweep if the duration of the sweep (with the analyzer configured as in Method SA-1, below) is equal to or shorter than the duration T of each transmission from the EUT and if those transmissions exhibit full power throughout their durations.

(ii) Method SA-2 or SA-2 Alternative (averaging across on and off times of the EUT transmissions, followed by duty cycle correction) shall be applied if the conditions of (i) cannot be achieved and the transmissions exhibit a constant duty cycle during the measurement duration. Duty cycle will be considered to be constant if variations are less than  $\pm 2$  percent.



(iii) Method SA-3 (RMS detection with max hold) or SA-3 Alternative (reduced VBW with max hold) shall be applied if the conditions of (i) and (ii) cannot be achieved.

b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep): (i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.

(ii) Set RBW = 1 MHz.

(iii) Set VBW ≥ 3 MHz.

(iv) Number of points in sweep  $\geq$  2 Span / RBW. (This ensures that bin-to-bin spacing is  $\leq$  RBW/2, so that narrowband signals are not lost between frequency bins.)

(v) Sweep time = auto.

(vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.

(vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle  $\ge$  98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run".

(viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.

(ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum

10.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



## 10.5 Test Result

Temperature:	26 ℃	Relative Humidity:	54%	
Pressure:	101kPa	Test Voltage:	DC 7.6V	
Test Mode:	TX Frequency U-NII-1 (5180-5240MHz)			

Mada	Channel	Frequency	Condu	ucted Power	Limit	Deset	
Mode	Channel	(MHz)	ANT A	ANT B	Total	(dBm)	Result
NVNT	а	5180	11.38	11.23	/	24	Pass
NVNT	а	5200	11.61	11.43	/	24	Pass
NVNT	а	5240	12.41	11.28	/	24	Pass
NVNT	n20	5180	10.16	9.76	12.97	23.77	Pass
NVNT	n20	5200	10.57	10.19	13.39	23.77	Pass
NVNT	n20	5240	11.1	10.47	13.81	23.77	Pass
NVNT	n40	5190	9.54	9.24	12.40	23.77	Pass
NVNT	n40	5230	9.97	9.52	12.76	23.77	Pass
NVNT	ac20	5180	10.07	9.85	12.97	23.77	Pass
NVNT	ac20	5200	10.54	10.21	13.39	23.77	Pass
NVNT	ac20	5240	11.11	10.53	13.84	23.77	Pass
NVNT	ac40	5190	9.36	9.15	12.27	23.77	Pass
NVNT	ac40	5230	9.73	9.58	12.67	23.77	Pass
NVNT	ac80	5210	7.65	7.48	10.58	23.77	Pass

For power measurements, The Array gain=0 dB for NANT≤4,

So the directional gain for Power measurements is 3.22 dBi



Temperature:	26 ℃	Relative Humidity:	54%		
Pressure:	101kPa	Test Voltage:	DC 7.6V		
Test Mode:	TX Frequency U-NII-3 (5745-5825	X Frequency U-NII-3 (5745-5825MHz)			

Mada	Channel	Frequency	Condu	ucted Power	Limit	Desett	
Mode	Channel	(MHz)	ANT A	ANT B	Total	(dBm)	Result
NVNT	а	5745	10.75	10.26	/	30	Pass
NVNT	а	5785	9.64	9.18	/	30	Pass
NVNT	а	5825	8.71	8	/	30	Pass
NVNT	n20	5745	9.29	8.9	12.11	29.77	Pass
NVNT	n20	5785	8.15	7.78	10.98	29.77	Pass
NVNT	n20	5825	7.21	6.81	10.02	29.77	Pass
NVNT	n40	5755	8.41	6.59	10.60	29.77	Pass
NVNT	n40	5795	7.33	6.88	10.12	29.77	Pass
NVNT	ac20	5745	9.27	8.87	12.08	29.77	Pass
NVNT	ac20	5785	8.15	7.77	10.97	29.77	Pass
NVNT	ac20	5825	7.23	6.6	9.94	29.77	Pass
NVNT	ac40	5755	8.48	8.12	11.31	29.77	Pass
NVNT	ac40	5795	7.22	6.89	10.07	29.77	Pass
NVNT	ac80	5775	7.78	7.6	10.70	29.77	Pass

For power measurements,

The Array gain=0 dB for NANT $\leq$ 4,

So the directional gain for Power measurements is 3.22 dBi



## 11. Out Of Band Emissions

## 11.1 Block Diagram Of Test Setup



#### 11.2 Limit

#### According to FCC §15.407(b)

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits: (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

#### 11.3 Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
 Set RBW of spectrum analyzer to 1 MHz with a convenient frequency span.

4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

5. Repeat above procedures until all measured frequencies were complete.

#### 11.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data

#### 11.5 Test Result

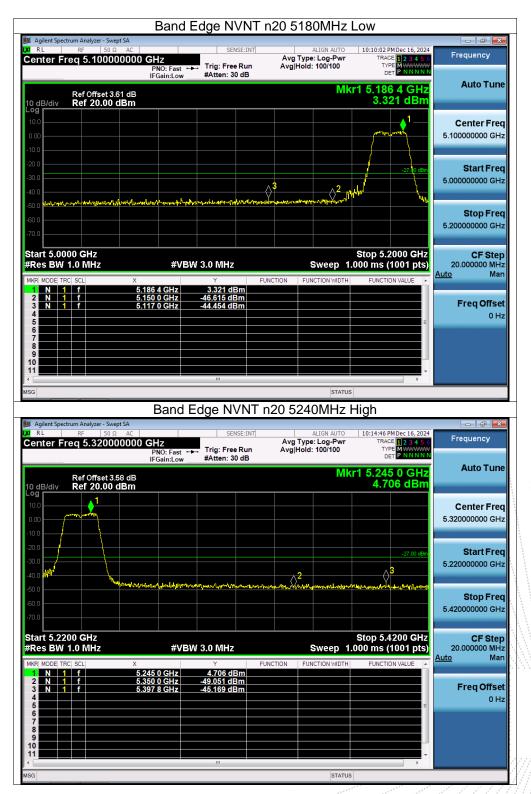
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101kPa	Test Voltage:	DC 7.6V



Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot. 5180-5240MHz













	Band	Edge NVNT	ac20 51	80MHz	Low	
Magilent Spectrum Analyzer - Swept		CENCE AND			10:17:44 PM Dec 16	
t RL RF 50 Ω Center Freq 5.100000		Trig: Free Run #Atten: 30 dB		ALIGN AUTO e: Log-Pwr I: 100/100	TRACE 1 2 3 TYPE MWW DET P N N	456 Frequency
Ref Offset 3.61 10 dB/div Ref 20.00 d	dB			Mk	r1 5.174 4 G 3.458 d	
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-10.0					-27.0	va⊞m Start Freq
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-50.0						<b>Stop Freq</b> 5.200000000 GHz
Start 5.0000 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz		Sweep 1.	Stop 5.2000 ( 000 ms (1001	
MKR      MODE      TRC      SCL        1      N      1      f        2      N      1      f        3      N      1      f        4      5      5      5	X 5.174 4 GHz 5.150 0 GHz 5.079 0 GHz	Y 3.458 dBm -45.466 dBm -43.901 dBm	FUNCTION FU	NCTION WIDTH	FUNCTION VALUE	Freq Offset
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						<b>—</b> -
MSG				STATUS		
	Band I	Edge NVNT	ac20 524	40MHz	High	
Magilent Spectrum Analyzer - Swept		SENSE:INT		ALIGN AUTO	10:22:58 PM Dec 16	- @ <b>X</b>
Center Freq 5.320000		Triau Erros Dum	Avg Typ Avg Hold	e: Log-Pwr I: 100/100	TRACE 1 2 3 TYPE MWW DET P N N	H 5 6 Hrequency
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#Res BW 1.0 MHz        MKR MODE TRC SCL        1      N        2      N        3      N        4	X 5.245 2 GHz 5.350 0 GHz	Y 4.640 dBm -48.131 dBm				Auto Man Freq Offset 0 Hz



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MR    Ref    NO    AC    SENSE:NT    ALIGN AUTO    10:30:59 MM ber 15:204      Center Freq 5.290000000 GHz IFGain:Low    PNO: Fast IFGain:Low    Trig: Free Run #Atten: 30 dB    Aug type: Log-Pwr Avg/Hold: 100/100    Trace Tree    10:30:59 MM ber 15:204    Frequency      0    ds/dr.    Ref Offset 3:58 dB    Mkr1 5:244 6 GHz 0.222 dBm    Auto Tune      0    ds/dr.    ds/dr.    ds/dr.    ds/dr.    ds/dr.      0    ds/dr.    ds/dr.    ds/dr.    ds/dr.    ds/dr.    ds/dr.      0    ds/dr.    ds/dr.    ds/dr.    ds/dr.    ds/dr.    ds/dr.    ds/dr.      0    ds/dr.    ds/d			dge NVNT a	c40 5230MHz	High	
Center Pred 3.23000000 GHz    PNO: Fast			SENSE:INT	ALIGN AUTO	10:30:59 PM Dec 16, 2024	
Ref Offset 3.58 dB    MKT 5.244 6 GHz      10    0.222 dBm      100    0.220 dBm      100    0.220 dBm      100    0.220 dBm      100    0.200 dBm      200    0.200 dBm <td>Center Freq 5.29000</td> <td>PNO: Fast ↔</td> <td></td> <td>Avg Type: Log-Pwr Avg Hold: 100/100</td> <td>TRACE <b>1 2 3 4 5</b> 6 TYPE MWWWWW DET <b>P N N N N N</b></td> <td></td>	Center Freq 5.29000	PNO: Fast ↔		Avg Type: Log-Pwr Avg Hold: 100/100	TRACE <b>1 2 3 4 5</b> 6 TYPE MWWWWW DET <b>P N N N N N</b>	
100    1000    100	10 dB/div Ref 20.00 d	3 dB Bm		Mki		Auto Tune
100      200      27.00 dPs        300      230      23      3      5      19000000 GHz      5.19000000 GHz      5.19000000 GHz      5.19000000 GHz      5.19000000 GHz      5.39000000 GHz      5.39000000 GHz      5.39000000 GHz      5.390000000 GHz      5.0000000 GHz      5.000000 GHz      5.0000000 GHz      5.0000000 GHz      5.000000 GHz      5.0000000 GHz      5.000000 GHz      5.000000 GHz      5.0000000 GHz<	10.0	1				
30.0  2/30.0  3/1000  1/10000  1/1000  1/1000  1/1000 <td>-10.0</td> <td></td> <td></td> <td></td> <td></td> <td>0.230000000 0112</td>	-10.0					0.230000000 0112
60.0    70.0    Stop Freq    5.39000000 GHz      Start 5.1900 GHz    #VBW 3.0 MHz    Sweep 1.000 ms (1001 pts)    CF Step      #Res BW 1.0 MHz    #VBW 3.0 MHz    Sweep 1.000 ms (1001 pts)    Auto      MKR MODE TRC SCL    X    Y    FUNCTION    FUNCTION WDTH    FUNCTION VALUE      1    1    f    5.356 8 GHz    -45.764 dBm    -45.764 dBm    -45.764 dBm      3    N    1    f    5.356 8 GHz    -45.764 dBm    -45.764 dBm    -45.764 dBm    -45.764 dBm      1    1    -    -    -    -    -    -    -      1    1    -	-30.0					
60.0    70.0    Stop Freq    5.39000000 GHz      Start 5.1900 GHz    #VBW 3.0 MHz    Sweep 1.000 ms (1001 pts)    CF Step      #Res BW 1.0 MHz    #VBW 3.0 MHz    Sweep 1.000 ms (1001 pts)    Auto      MKR MODE TRC SCL    X    Y    FUNCTION    FUNCTION WDTH    FUNCTION VALUE      1    1    f    5.356 8 GHz    -45.764 dBm    -45.764 dBm    -45.764 dBm      3    N    1    f    5.356 8 GHz    -45.764 dBm    -45.764 dBm    -45.764 dBm    -45.764 dBm      1    1    -    -    -    -    -    -    -      1    1    -	alithra days and	- Colorado	an and and any amount	Mourmanulustation	2	
Start 5.1900 GHz      #VBW 3.0 MHz      Stop 5.3900 GHz      CF Step 20.000000 MHz        #Res BW 1.0 MHz      #VBW 3.0 MHz      Sweep 1.000 ms (1001 pts)      Auto      Man        1      1      f      5.244 6 GHz      0.222 dBm      FUNCTION      FUNCTION WIDTH      FUNCTION VALUE      Auto      Man        1      1      f      5.356 8 GHz      -48.926 dBm      -	-60.0					
#Res BW 1.0 MHz  #VBW 3.0 MHz  Sweep  1.000 ms (1001 pts)    MRR MODE TRC SCL  X  Y  FUNCTION  FUNCTION WIDTH    1  1  f  5.244 6 GHz  0.222 dBm    2  N  1  f  5.356 0 GHz  -48.926 dBm    3  N  1  f  5.356 8 GHz  -45.764 dBm    4  5  5  5  5    6  7  5  5  5    7  7  7  7  7    8  7  7  7  7    10  7  7  7  7    10  7  7  7  7					Stop 5 3000 GHz	CE Stop
Image  N  I  f  5244 6 GHz  0.222 dBm    1  N  1  f  5350 0 GHz  -48.926 dBm    3  N  1  f  5.356 8 GHz  -48.926 dBm    4  -  -  -  -    5  -  -  -  -    6  -  -  -  -    7  -  -  -  -    9  -  -  -  -    10  -  -  -  -    11  -  -  -  -		#VBI	V 3.0 MHz	Sweep 1.		20.000000 MHz
3  N  1  f  5.356 8 GHz  -45.764 dBm  0 Hz    4  -  -  -  -  0 Hz    5  -  -  -  -  0 Hz    6  -  -  -  -  0 Hz    7  -  -  -  -  -    8  -  -  -  -  -    10  -  -  -  -  -    11  -  -  -  -  -				NCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Mah
4 5 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2 N 1 f	5.350 0 GHz 5.356 8 GHz	-48.926 dBm			Freq Offset
	4					
	6					
	8					
					-	
			m	07.710	•	



la Ajent Ajentari Alegareza - Segri Alegareza -		Band E	dge NVNT a	c80 5210MHz I	High	
Center Freq 5.53000000 GHz Trig: Freq Num Reference With Source		pt SA				
Ref Offset 5.50 dB    -5.183 dB    -5.183 dB      10    -5.583 dB    -5.183 dB      11    -5.552 dB    -5.552 dB      11    -5.552 dB    -5.553 dB      12    -5.552 dB    -5.553 dB      13    -5.552 dB    -5.133 dB      14    -5.552 dB    -5.533 dB      15    -5.553 dB    -5.553 dB      15    -5.552 dB    -5.553 dB <t< td=""><td></td><td>00000 GHz PN0: Fast ↔</td><td>🛶 Trig: Free Run</td><td>Avg Type: Log-Pwr</td><td>TRACE 1 2 3 4 5 6</td><td>Frequency</td></t<>		00000 GHz PN0: Fast ↔	🛶 Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
Center Freq 5.3000000 GHz 5.3000000 GHz 5.3000000 GHz 5.300 GHz 5.190 GH	10 dB/div Ref 20.00	59 dB		Mkr		Auto Tune
100    0000    000	10.0					
Start 5.1300 GHz Start 5.1300	-10.0					5.53000000 GH2
000    0000    0000    000    000 <td< td=""><td>-30.0</td><td></td><td></td><td><u>3</u></td><td>-27.00 dBm</td><td></td></td<>	-30.0			<u>3</u>	-27.00 dBm	
Image: start 5.1300 GHz    #VEW 3.0 MHz    Stop 5.9300 GHz    CF Step 8.0300000 GHz      Image: start 5.1300 GHz    #VEW 3.0 MHz    Stop 5.9300 GHz    CF Step 8.00000 MHz      Image: start 5.1300 GHz    #VEW 3.0 MHz    Stop 5.9300 GHz    CF Step 8.00000 MHz      Image: start 5.1300 GHz    #VEW 3.0 MHz    Function worth    Function worth    Function worth      Image: start 5.1300 GHz    #VEW 3.0 MHz    Stop 5.210 MHz    Function worth    Function worth      Image: start 5.1300 GHz    #VEW 3.0 MHz    Stop 5.210 MHz    Function worth    Function worth      Image: start 5.1300 GHz    #VEW 3.0 MHz    Stop 5.210 MHz    Function worth    Function worth      Image: start 5.010 GHz    #VEW 3.0 MHz    Stop 5.2900 GHz    Freq Offset 3.39 GB    Freq Offset 3.39 GB    Freq Offset 3.39 GB      Image: start 5.09000 GHz    #VEW 3.0 MHz    Stop 5.2900 GHz    Stop 5.2900 GHz    Stop 5.2900 GHz    Stop 5.2900 GHz      Stop Freq 3.130 GHz    #VEW 3.0 MHz    Stop 5.2900 GHz    Stop 5.2900 GHz </td <td>-50.0 -50.0</td> <td>Vistoria and and and a solar</td> <td>hon time paleto magazzaria</td> <td></td> <td>nonneratur forent and the</td> <td>Stop Freg</td>	-50.0 -50.0	Vistoria and and and a solar	hon time paleto magazzaria		nonneratur forent and the	Stop Freg
#Res BW 1.0 MHz    #VBW 3.0 MHz    Sweep 1.333 ms (1001 pt)    80.00000 MHz      Mem MODE TRC SCL    X    Y    FUNCTION    FUNCTION    FUNCTION WALK      2    1    1    5.388 0 GHz    -3.183 dBm    Freq Offset    0 Hz      2    1    1    5.388 0 GHz    -4.583 gBm    File Choine    Function walk    Freq Offset      2    1    1    5.388 0 GHz    -4.583 gBm    File Choine    Function walk    File Choine    File Choine      1    1    1    5.388 0 GHz    -4.583 gBm    File Choine						
MRR Mode Rec. Sci.    X = 243.8 0 GHz    -3183.dEm    Function    Funct		#VB\	V 3.0 MHz	Sweep 1.3		80.000000 MHz
3    N    1    f    5652.4.GHz    -43639.dBm    0      6    0 <td>1 N 1 f</td> <td>5.238 0 GHz</td> <td>-3.183 dBm</td> <td>JNCTION FUNCTION WIDTH</td> <td>FUNCTION VALUE</td> <td>Auto Man</td>	1 N 1 f	5.238 0 GHz	-3.183 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Man
Image: Sector of the sector	3 N 1 f 4		-43.639 dBm		=	
10	6 7 8					
Aglent Spectrum Analyzer - Swept SA Aglent Spectrum Analyzer - Swept SA W RL BF 30 G AC SHIP - SHIP - Trig: Free Run PNO: Fast - PNO: Fast - Stop S - 2000 GHz Center Freq 5.190000000 GHz PO: Fast - Stop S - 2000 dBm	10					
Band Edge NVNT ac80 5210MHz Low	MSG		m	SUITATS	•	
Image: Spectrum Analyzer - Swept SA    Sevent Sa    Frequency      Center Freq 5.19000000 GHz    SENSE.INT    ALIGN AUTO    10:3-0.06 PM Dec 16, 2024      PNO: Fast		Dan d C				
Ref    Stop    Acc    SENSE:NTI    Align Auto    Distance More 16:2024      Center Freq 5.190000000 GHz    PNO: Fast    Trig: Free Run    Avg/Hold: 100/100    Trace    Distance    Frequency      Note fast    Ref Offset 3:59 dB    Mkr1 5.237 0 GHz    -3.133 dBm    Center Freq    5.190000000 GHz    Center Freq      0 dB/div    Ref Offset 3:59 dB    Optimized    Optimized    Stop Freq    5.19000000 GHz    Center Freq    5.19000000 GHz      0 dB/div    Ref Offset 3:59 dB    Optimized    Stop Freq    Stop Freq    5.2900 GHz    Stop Freq    5.2900 GHz      0 dB/div    Ref Offset 3:50 dB    Stop 5:2900 GHz    Stop 5:2900 GHz    CF Step    20000000 GHz      1 f    5.169 0 GHz    Y BW 3.0 MHz    Sweep 1.000 ms (1001 pts)    Auto    Mark      1 f    5.169 0 GHz    Y BW 3.0 MHz    Sweep 1.000 ms (1001 pts)    Auto    Mark      1 f    5.146 8 GHz    -44.318 dBm    -44.31	Mailent Spectrum Analyzer - Swee		age invinit a		LOW	
Ref Offset 3.59 dB    Mkr1 5.237 0 GHz    Auto Tune      0 dB/dv    Ref 20.00 dBm    -3.133 dBm    -3.133 dBm      100    -3.133 dBm    -3.133 dBm    Center Freq      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      0.00    -3.00    -3.00    -3.00    -3.00      5tart 5.0900 GHz	<b>LXI</b> RL RF 50 Ω	AC 00000 GHz		Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	
10 dB/div    Ref 20.00 dBm    -3.133 dBm      10 dB/div    Ref 20.00 dBm    -3.133 dBm      10 d    -3.133 dBm    -3.133 dBm      11 d    -3.146 8 GHz    -44.318 dBm	Def Offert 2	IFGain:Low				Auto Tune
000      1      1      5.19000000 GHz        200      27.00 dHz      5.19000000 GHz      5.19000000 GHz        300      32      0	10 dB/div Ref 20.00 d	dBm				
200    200    200    200    200    300    3200000    Start Freq      300    300    32    300	0.00		a de de co	1		
300    300    300    300    5.99000000 GHz      400    400    400    400    400    5.99000000 GHz      500    5.9000000 GHz    5.9000000 GHz    5.9000000 GHz      500    5.9000000 GHz    5.29000 GHz    5.29000000 GHz      700    5.09000000 GHz    5.29000 GHz    5.29000000 GHz      #Res BW 1.0 MHz    #VBW 3.0 MHz    Sweep 1.000 ms (1001 pts)    20.00000 MHz      MKR    NODE TRC SCL    X    Y    FUNCTION    FUNCTION WIDTH    FUNCTION VALUE      1    1    f    5.146 8 GHz    -44.318 dBm    -44.318 dBm    -44.318 dBm    -44.318 dBm      1    1    1    1    -44.318 dBm    -44.318 dBm<					27.00.40-	Start Fred
GOLD    GOLD    Stop Freq    5.29000000 GHz      GOLD    GOLD    Stop 5.2900 GHz    Stop 5.2900 GHz      Start 5.0900 GHz    #VBW 3.0 MHz    Sweep 1.000 ms (1001 pts)      MRR MODE TRC SCL    X    Y    FUNCTION      1    N    1    f    5.2370 GHz    -45.326 dBm      3    N    1    f    5.146 8 GHz    -44.318 dBm    -44.318 dBm      4    -    -    -    -    -    -      1    f    5.146 8 GHz    -44.318 dBm    -    -    -      1    -    -    -    -    -    -    -      1    -    -    -    -    -    -    -      3    N    1    f    5.146 8 GHz    -44.318 dBm    -    -    -    -    -      1    - </td <td>-40.0</td> <td></td> <td></td> <td></td> <td></td> <td></td>	-40.0					
X00  Start 5.0900 GHz  Stop 5.2900 GHz    Start 5.0900 GHz  #VBW 3.0 MHz  Sweep 1.000 ms (1001 pts)    MKR MODE TRC; ScL  X  Y  FUNCTION  FUNCTION WIDTH  FUNCTION VALUE    1  1  f  5.136 0 GHz  -3.133 dBm  -44.318 dBm  -44.318 dBm    2  N  1  f  5.146 8 GHz  -44.318 dBm  -44.318 dBm    3  N  1  f  5.146 8 GHz  -44.318 dBm    5  -  -  -  -    7  -  -  -  -    9  -  -  -  -    10  -  -  -  -    11  -  -  -  -	-36.6	(Uniter to the former to the second			hitraniling-strangestrands	
#Res BW 1.0 MHz  #VBW 3.0 MHz  Sweep  1.000 ms (1001 pts)    MKR  MODE TRC SCL  X  Y  FUNCTION  FUNCTION WIDTH  FUNCTION VALUE    1  N  1  f  5.237 0 GHz  -3.133 dBm						
MNR MODE TRC SCL  X  Y  FUNCTION  FUNCTION WIDTH  FUNCTION VALUE    1  N  1  f  5237 0 GHz  -3133 dBm    2  N  1  f  5237 0 GHz  -3133 dBm    3  N  1  f  5237 0 GHz  -3133 dBm    3  N  1  f  5145 8 GHz  -45326 dBm    4  -  -  -  -    6  -  -  -  -    7  -  -  -  -    9  -  -  -  -    10  -  -  -  -    11  -  -  -  -	#Res BW 1.0 MHz				000 ms (1001 pts)	20.000000 MHz
2    N    1    f    5.150 0 GHz    -45.326 dBm      3    N    1    f    5.146 8 GHz    -44.318 dBm      4    -    -    -    -    -      6    -    -    -    -    -    -      6    -    -    -    -    -    -    0 Hz      7    -    -    -    -    -    -    -    0 Hz      9    -    -    -    -    -    -    -    0 Hz      10    -    -    -    -    -    -    -    0 Hz      11    -    -    -    -    -    -    -    -    0 Hz	1 N 1 f	5.237 0 GHz	-3.133 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	
	2 N 1 f 3 N 1 f 4	5.150 0 GHz	-45.326 dBm			
	6 7				Ξ	
к н н н н н н н н н н н н н	9 10					
IDTATUOT	•		III	STATIO	Þ	



Note: A(B) Represent the value of antenna A and B. The worst data is Antenna A, only shown Antenna A Plot. 5745-58250MHz

