



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
Test Mode:	(5745-5825MHz)		

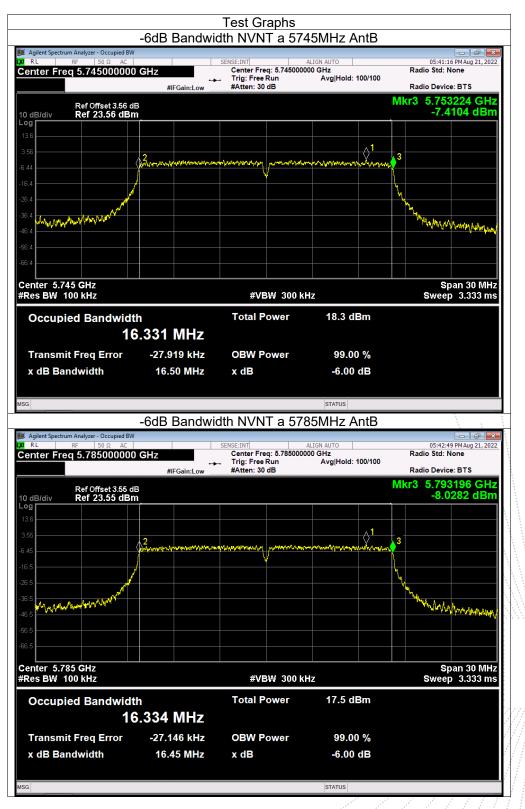
Condition Mode		Frequency			Limit -6 dB Bandwidth	Verdict
••••••	meao	(MHz)	Ant A	Ant B	(MHz)	
NVNT	а	5745	16.473	16.503	0.5	Pass
NVNT	а	5785	16.498	16.447	0.5	Pass
NVNT	а	5825	16.488	16.439	0.5	Pass
NVNT	n20	5745	17.649	17.671	0.5	Pass
NVNT	n20	5785	17.636	17.647	0.5	Pass
NVNT	n20	5825	17.623	17.622	0.5	Pass
NVNT	n40	5755	36.336	36.343	0.5	Pass
NVNT	n40	5795	36.364	36.368	0.5	Pass
NVNT	ac20	5745	17.656	17.666	0.5	Pass
NVNT	ac20	5785	17.649	17.668	0.5	Pass
NVNT	ac20	5825	17.62	17.61	0.5	Pass
NVNT	ac40	5755	36.358	36.359	0.5	Pass
NVNT	ac40	5795	36.322	36.363	0.5	Pass
NVNT	ac80	5775	73.788	73.917	0.5	Pass

Condition	Mode		99% O	BW (MHz)
Condition		Frequency (MHz)	Ant A	Ant B
NVNT	а	5745	16.35	16.349
NVNT	а	5785	16.361	16.358
NVNT	а	5825	16.342	16.332
NVNT	n20	5745	17.542	17.549
NVNT	n20	5785	17.546	17.54
NVNT	n20	5825	17.53	17.518
NVNT	n40	5755	35.999	36.005
NVNT	n40	5795	36.033	36.02
NVNT	ac20	5745	17.551	17.561
NVNT	ac20	5785	17.551	17.557
NVNT	ac20	5825	17.53	17.534
NVNT	ac40	5755	36.007	35.991
NVNT	ac40	5795	36.006	36.003
NVNT	ac80	5775	74.483	74.533

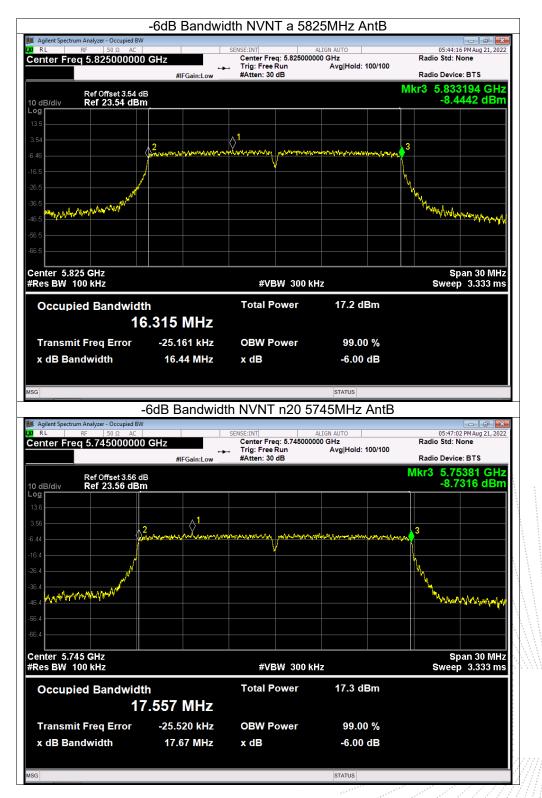
Edition: A.5



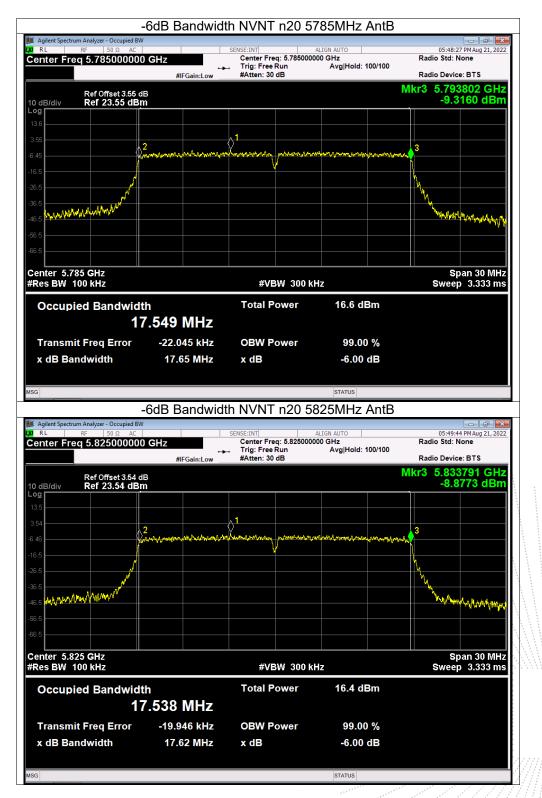
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.



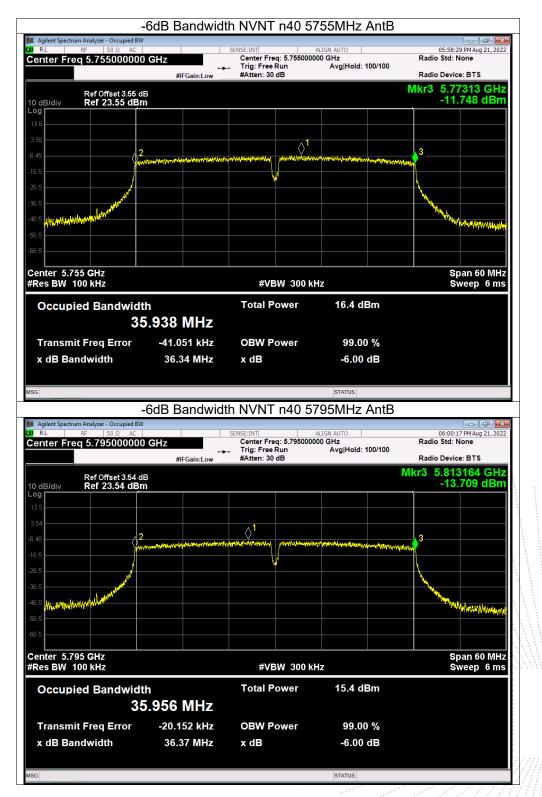




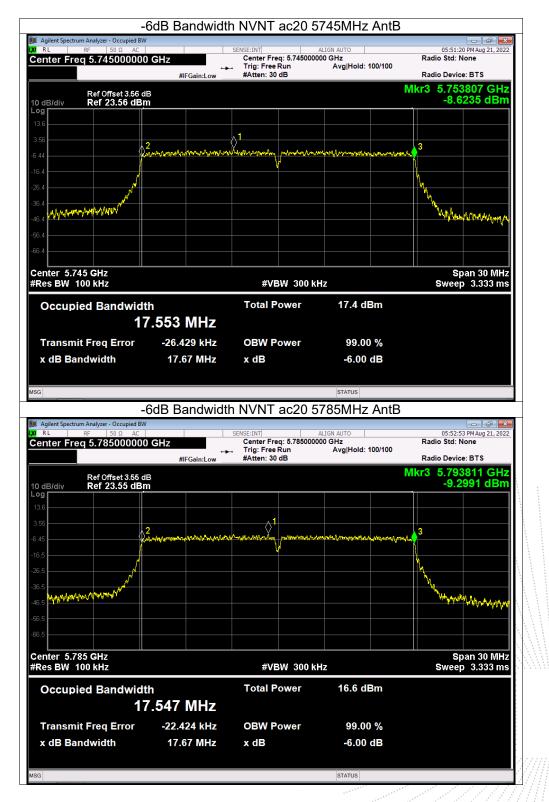




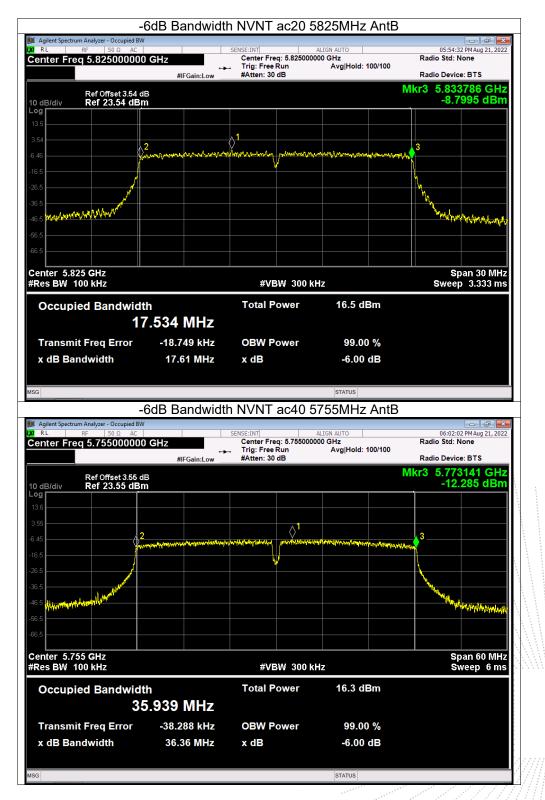




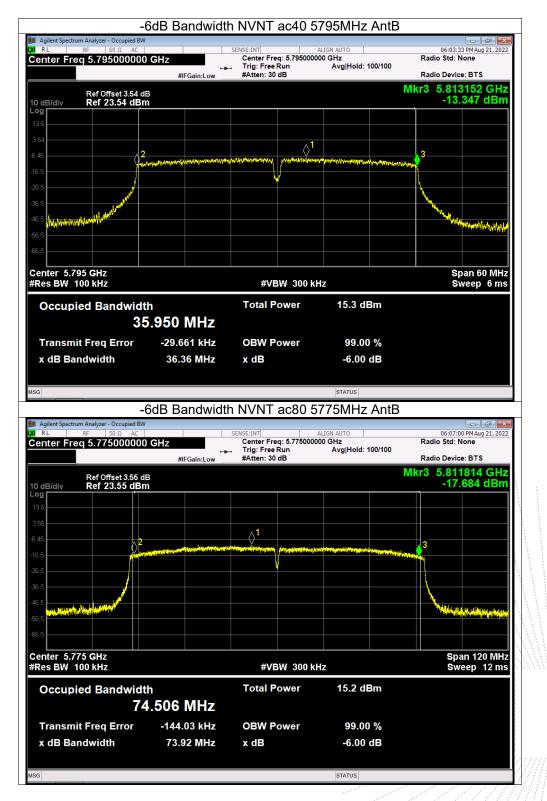




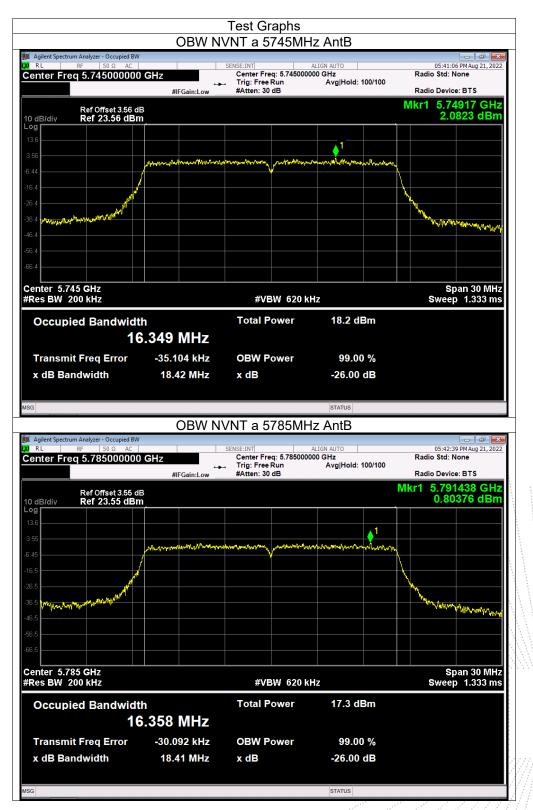




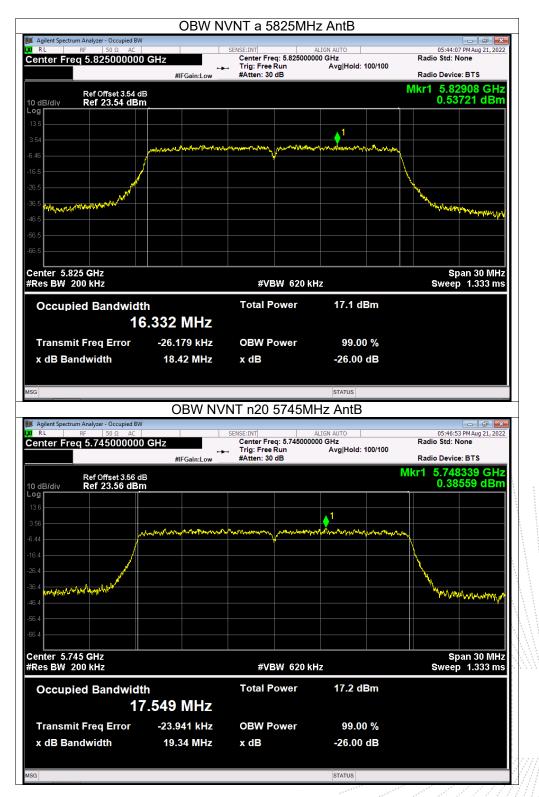




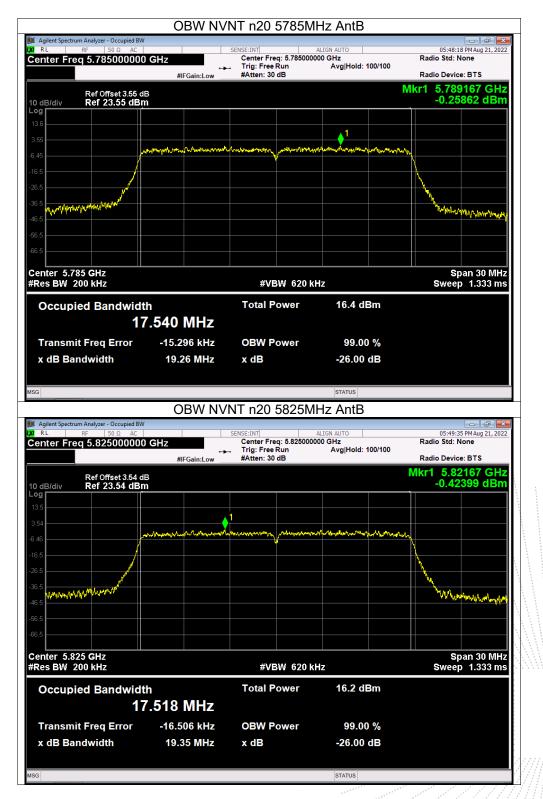




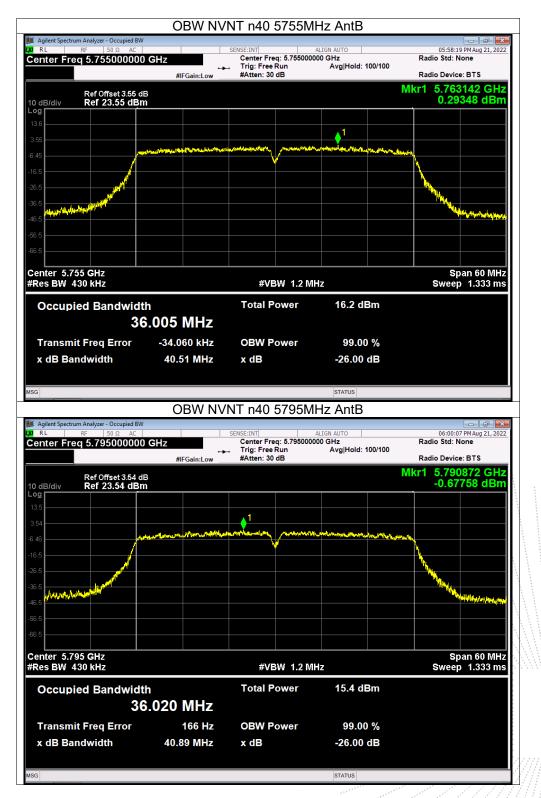




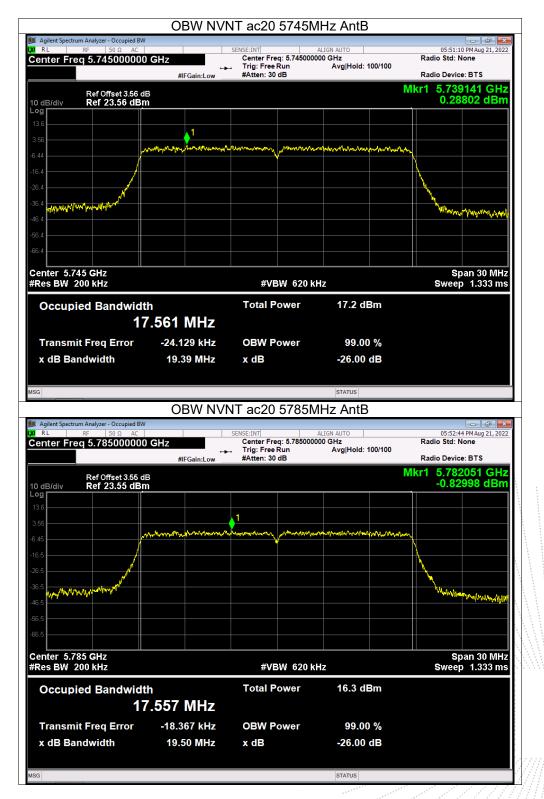




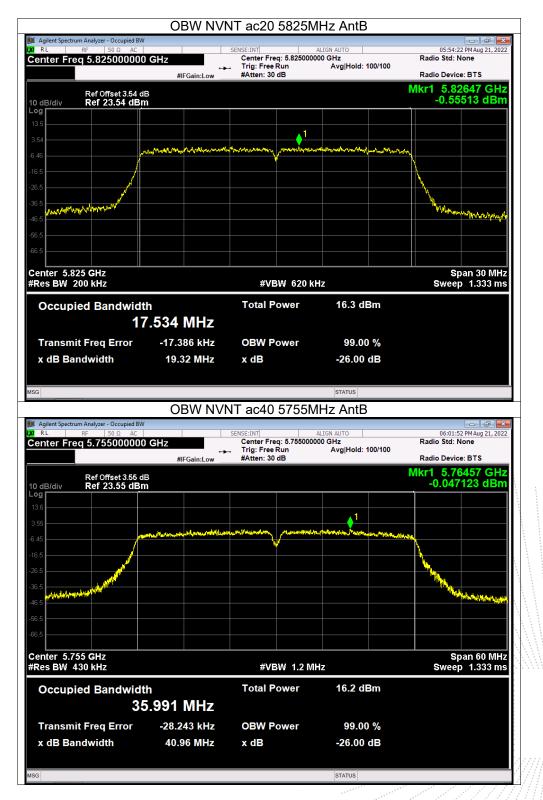




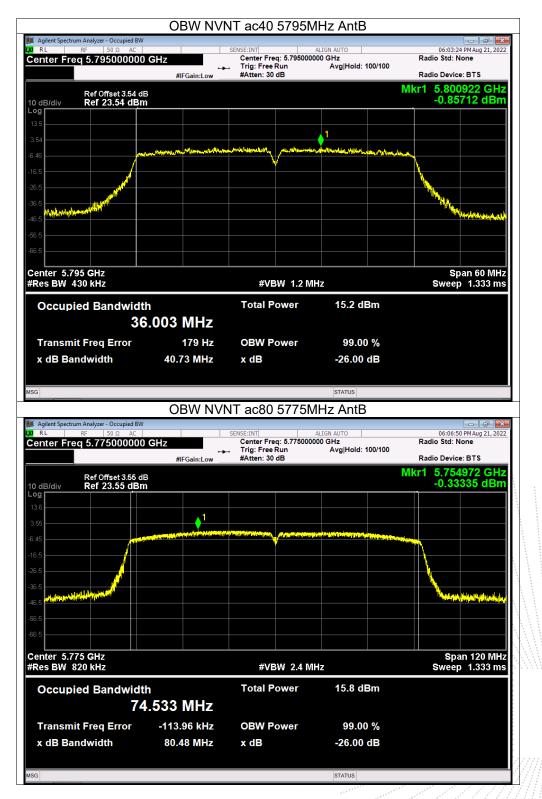














10. Maximum Conducted Output Power

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	0.25W
5250~5350	0.25W
5500~5700	0.25W
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 ± 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.

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10.5 Test Result

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
Test Mode:	5180-5240MHz		

Condition	Condition Mode	Frequency			Total(dBm)	Limit	Verdict
		(MHz)	Ant A	Ant B		(dBm)	
NVNT	а	5180	12.99	14.34	/	24	Pass
NVNT	а	5200	12.97	13.58	/	24	Pass
NVNT	а	5240	13.11	12.38	/	24	Pass
NVNT	n20	5180	11.82	11.8	14.82	24	Pass
NVNT	n20	5200	11.73	10.87	14.33	24	Pass
NVNT	n20	5240	12.2	11.18	14.73	24	Pass
NVNT	n40	5190	9.72	10.33	13.05	24	Pass
NVNT	n40	5230	10.87	10.56	13.73	24	Pass
NVNT	ac20	5180	11.91	11.57	14.75	24	Pass
NVNT	ac20	5200	11.39	10.86	14.14	24	Pass
NVNT	ac20	5240	12.38	11.16	14.82	,24	Pass
NVNT	ac40	5190	9.64	10.28	12.98	24	Pass
NVNT	ac40	5230	11.06	10.55	13.82	24	Pass
NVNT	ac80	5210	9.91	10.73	13.35	24	Pass

Note:

For power measurements,

The Array gain=0 for NANT≤4,



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
Test Mode:	5260-5320MHz		

Condition Mode	Frequency			Total(dBm)	Limit	Verdict	
		(MHz)	Ant A	Ant B		(dBm)	
NVNT	а	5260	12.76	13.23	/	24	Pass
NVNT	а	5280	13.25	12.63	/	24	Pass
NVNT	а	5320	13.42	13.02	1	24	Pass
NVNT	n20	5260	12.08	12.11	15.11	24	Pass
NVNT	n20	5280	12.11	11.82	14.98	24	Pass
NVNT	n20	5320	12.22	11.86	15.05	24	Pass
NVNT	n40	5270	11.34	11.19	14.28	24	Pass
NVNT	n40	5310	11.15	10.99	14.08	24	Pass
NVNT	ac20	5260	12.01	12.04	15.04	24	Pass
NVNT	ac20	5280	12.11	11.86	15.00	24	Pass
NVNT	ac20	5320	12.19	11.86	15.04	24	Pass
NVNT	ac40	5270	11.26	11.12	14.20	24	Pass
NVNT	ac40	5310	11.09	10.87	13.99	24	Pass
NVNT	ac80	5290	9.95	10.04	13.01	24	Pass

Note:

For power measurements,

The Array gain=0 for NANT≤4,



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
Test Mode:	5500-5700MHz		

Condition Mode	Frequency	• • • • • • • • • • • • • • • • • • • •		Total(dBm)	Limit	Verdict	
		(MHz)	Ant A	Ant B		(dBm)	
NVNT	а	5500	12.08	12.59	/	24	Pass
NVNT	а	5580	13.73	13.89	/	24	Pass
NVNT	а	5700	13.35	12.52	/	24	Pass
NVNT	n20	5500	11.16	12.55	14.92	24	Pass
NVNT	n20	5580	12.81	13.29	16.07	24	Pass
NVNT	n20	5700	12.62	11.97	15.32	24	Pass
NVNT	n40	5510	10.92	12.44	14.76	24	Pass
NVNT	n40	5590	11.66	13.13	15.47	24	Pass
NVNT	n40	5670	12.73	12.18	15.47	24	Pass
NVNT	ac20	5500	11	12.56	14.86	24	Pass
NVNT	ac20	5580	12.78	13.28	16.05	24	Pass
NVNT	ac20	5700	12.59	11.93	15.28	24	Pass
NVNT	ac40	5510	10.79	12.5	14.74	24	Pass
NVNT	ac40	5590	11.68	13.13	15.48	24	Pass
NVNT	ac40	5670	12.73	12.17	15.47	24	Pass
NVNT	ac80	5530	11.08	11.8	14.47	24	Pass

Note:

For power measurements,

The Array gain=0 for NANT≤4,



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V
Test Mode:	5745-5825MHz		

Condition Mode	Frequency	Conducted Power (dBm)		Total(dBm)	Limit	Verdict	
		(MHz)	Ant A	Ant B	. ,	(dBm)	
NVNT	а	5745	13.12	12.91	/	30	Pass
NVNT	а	5785	11.93	12.08	/	30	Pass
NVNT	а	5825	11.04	11.87	/	30	Pass
NVNT	n20	5745	11.98	11.92	14.96	30	Pass
NVNT	n20	5785	10.87	11.24	14.07	30	Pass
NVNT	n20	5825	10.15	11.11	13.67	30	Pass
NVNT	n40	5755	11.04	10.94	14.00	30	Pass
NVNT	n40	5795	9.91	10.14	13.04	30	Pass
NVNT	ac20	5745	11.93	11.97	14.96	30	Pass
NVNT	ac20	5785	10.82	11.18	14.01	30	Pass
NVNT	ac20	5825	10.08	11.02	13.59	30	Pass
NVNT	ac40	5755	11.07	10.85	13.97	30	Pass
NVNT	ac40	5795	9.79	9.89	12.85	30	Pass
NVNT	ac80	5775	9.96	9.99	12.99	30	Pass

Note:

For power measurements,

The Array gain=0 for NANT≤4,



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.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing

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.

2. 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. 3. 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



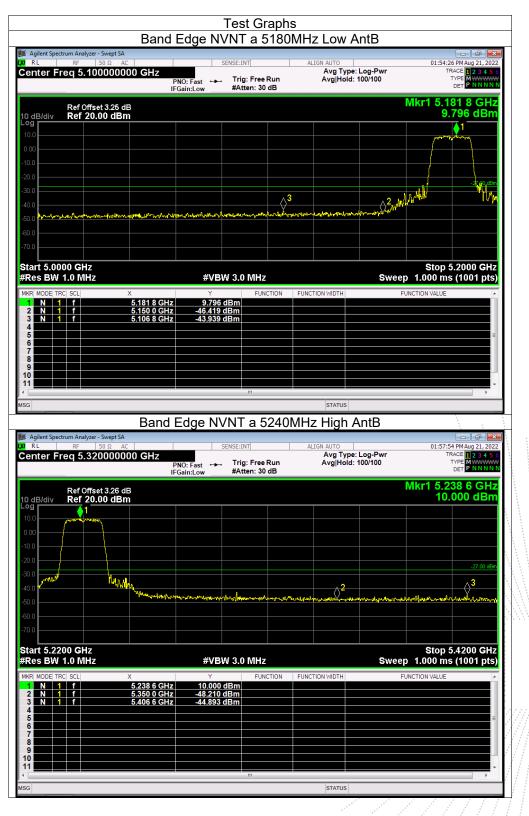
11.5 Test Result

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101kPa	Test Voltage:	DC 5V

Edition: A.5



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





RL RF 50	Swept SA D Ω AC	SENSE:INT	ALIGN AUTO	02:00:11 PM Aug 21, 2022
enter Freq 5.100	000000 GHz	D: Fast Trig: Free Ru ain:Low #Atten: 30 dE	Avg Type: Log-Pwr Avg Hold: 100/100	
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			STATUS	
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RL RF 50 Q enter Freq 5.29000 Ref Offset 3. Bel/div Ref 20.00 0 90 00 00 00 00 00 00 00 00 00 00 00 00	25 dB 011 1 1 25 dB 1	:Fast →→ Trig:Free in:Low #Atten: 30	Avg Type: L Run Avg Hold: 10	02:10:07 PM Aug 21,2 og-Pwr TRACE [] 23 4 10/100 TYPE MANN DET MINN Mkr1 5.226 4 GI 4.994 dB	
RL RF 50.0 Enter Freq 5.29000 Ref 0ffset 3. Ref 0ffset 3. dB/div Ref 20.00 f Ref 20.00 f 0	25 dB 011 1 1 25 dB 1	: Fast 🛶 Trig: Free	Avg Type: L Run Avg Hold: 10	02:10:07 PM Aug 21,2 og-Pwr TRACE [] 23 4 10/100 TYPE MANN DET MINN Mkr1 5.226 4 GI 4.994 dB	
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RL RF 50 Q enter Freq 5.29000 Ref Offset 33 dB/div Ref 20.00 d g	25 dB 011 1 1 25 dB 1	:Fast →→ Trig:Free in:Low #Atten: 30	Avg Type: L Run Avg Hold: 10 dB	02:10:07 PM Aug 21,2 og-Pwr TRACE [] 23 4 10/100 TYPE MANN DET MINN Mkr1 5.226 4 GI 4.994 dB	
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RL RF 50 Q enter Freq 5.29000 Ref Offset 33 dB/div Ref 20.00 d 00	2 AC 00000 GHz PNC IFGa 25 dB dBm 1	: Fast → Trig: Free in:Low #Atten: 30	Avg Type: L Run Avg Hold: 10 dB	02:10:07 PM wug 21,2 09-Pwr 10/100 TRACE 12 84 19/100 TRACE 12 84 1992 OF 10 1994 OF	
RL RF 50 02 Enter Freq 5.29000 Ref Offset 33 Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Ref 20.00 fg Barborn Ref 20.00 fg Ref 20.00 fg Re	2 AC 00000 GHz PNC IFGa 25 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	r: Fast →→ Trig: Free #Atten: 30	Avg Type: L Run Avg Hold: 10 dB	02:10:07 PM wug 21,2 09-Pwr 10/100 TRACE 12 84 19/100 TRACE 12 84 1992 OF 10 1994 OF	
Ref Offset 3: dB/div Ref 20.00 / Ref 20.00	2 AC 00000 GHz PNC IFGa 25 dB dBm 1	: Fast → Trig: Free in:Low #Atten: 30	Avg Type: L Run Avg Hold: 10 dB	02:10:07 PM wug 21,2 09-Pwr 10/100 TRACE 12 84 19/100 TRACE 12 84 1992 OF 10 1994 OF	2022 5 5 6 m N N N ₽ Z ₽ Z
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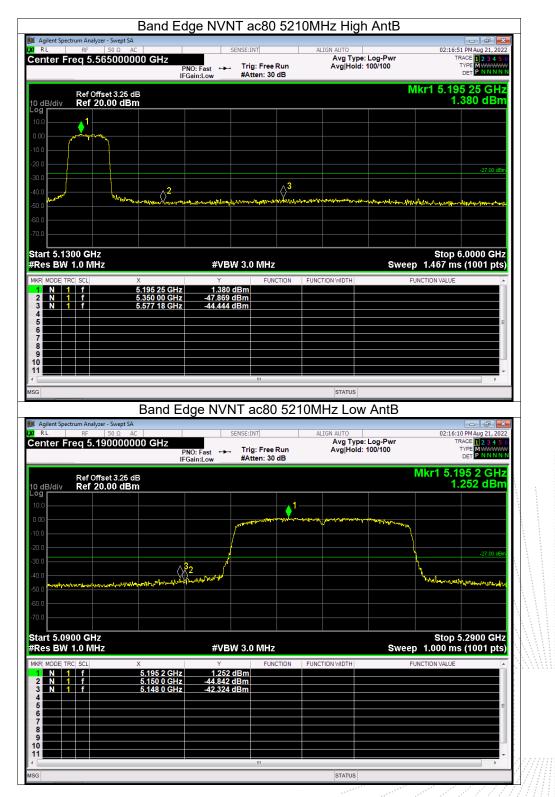


Agilent Spectrum Analyzer - Swep							
RL RF 50 Ω enter Freq 5.10000		SENSE:INT		IGN AUTO Avg Type: Log		02:04:37 PM Aug 21, 2 TRACE 1 2 3 4	5.6
	PN		Free Run n: 30 dB	Avg Hold: 100/		DET PNN	WWW INN
D-505-1420					Mkr	1 5.177 8 GI	HZ
Ref Offset 3.2 dB/div Ref 20.00 c						8.354 dB	
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art 5.0000 GHz		41/DW 0.0 B	al 1-			Stop 5.2000 G	
Res BW 1.0 MHz		#VBW 3.0 N			-	000 ms (1001 p	ts)
R MODE TRC SCL	× 5.177 8 GHz	8.354 dBm	FUNCTION FUNCT	FION WIDTH	FUNCTIO	N VALUE	ń
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Agilent Spectrum Analyzer - Swep RL RF 50 Ω	AC AC	ge NVNT ac		Hz High A		02:07:14 PM Aug 21, 2	2022
Agilent Spectrum Analyzer - Swep RL RF 50 Ω	AC A	SENSE:INT O: Fast ↔ Trig: F	Free Run	Hz High A	-Pwr	02:07:14 PM Aug 21, 2	2022
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Agilent Spectrum Analyzer - Swep RL RF 50 Ω enter Freq 5.32000 Ref Offset 3.2 dB/div Ref 20.00 c	AC 100000 GHz PN 100000 GHz PN IFGa 26 dB JBm	SENSE:INT O: Fast ↔ Trig: F	Free Run	Hz High A	Pwr 100 Mkr	02:07:14 PM Aug 21, 2 TRACE 1 2 3 4 TYPE MWWW DET P N N N	
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Agilent Spectrum Analyzer - Swep RL RF 50 Ω enter Freq 5.320000 Ref Offset 3.2 dB/div Ref 20.00 c 00 00 00 00 00 00 00 00 00 0	AC 00000 GHz PNU 100000 GHz PNU IFGI 26 dB 18m 19m 19m 19m 19m 19m 19m 19m 19	SENSE:INT O: Fast →→ Trig: f ain:Low → #Atter #Att	Free Run 1: 30 dB	Hz High A	Pwr 100 Mkr	02:07:14 PMAug 21, 2 TRACE 12 3 4 TYPE 15.242 0 GI 8.297 dB	dBm
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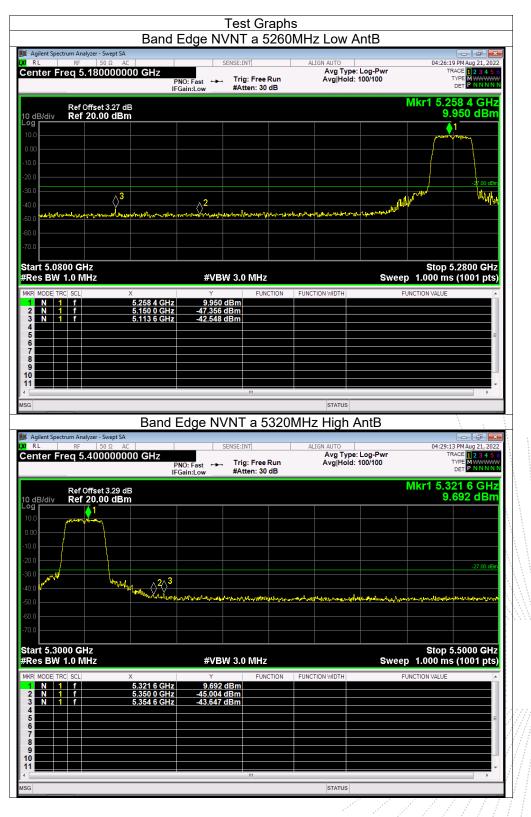
Agilent Spectrum Analyzer - Swe RL RF 50 G enter Freg 5.1300	2 AC	SENSE:INT	ALIGN AUTO	ype: Log-Pwr	02:11:36 PM Aug 21, 2022 TRACE 1 2 3 4 5 6
			Free Run Avg H n: 30 dB	old: 100/100	TYPE MWWWW DET PNNNNN
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dB/div Ref 20.00	dBm			.1	4.995 GBII
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tart 5.0300 GHz Res BW 1.0 MHz		#\/B\// 2.0 M		Swoon	Stop 5.2300 GHz
R MODE TRC SCL	X	#VBW 3.0 N		-	1.000 ms (1001 pts)
1 N 1 f 2 N 1 f	5.186 8 GHz 5.150 0 GHz	4.993 dBm -43.739 dBm			
3 N 1 f 4	5.149 2 GHz	-43.257 dBm			
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Agilent Spectrum Analyzer - Swe		ge NVNT ac	statu 40 5230MHz H		
RL RF 50 Ω	ept SA 2 AC		40 5230MHz H	igh AntB	02:13:07 PM Aug 21, 2022 TRACE 123:45 0
RL RF 50 Ω	ept SA 2 AC 000000 GHz PN0	SENSE:INT	40 5230MHz H		
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RL RF 50 Ω enter Freq 5.29000 Ref Offset 3. Ref Offset 3.	ept SA 2 AC DOOOO GHz PN0 IFGa 25 dB	SENSE:INT	40 5230MHz H Align Auto Avg T Free Run Avg[H	igh AntB 'ype: Log-Pwr old: 100/100	02:13:07 PM Aug 21, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN
RL RF 50 9 enter Freq 5.29000 Ref Offset 3. 9 00 00 00 00 00 00 00 00 00 00 00 00 0	25 dB dBm 1	SENSE:INT	40 5230MHz H Align Auto Avg T Free Run Avg[H	igh AntB 'ype: Log-Pwr old: 100/100	02:13:07 PM Aug 21, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN kr1 5.225 4 GHz
RL RF 50 G enter Freq 5.29000 Ref Offset 3. P dB/div Ref 20.00	25 dB dBm 1	SENSE:INT	40 5230MHz H Align Auto Avg T Free Run Avg[H	igh AntB 'ype: Log-Pwr old: 100/100	02:13:07 PM Aug 21, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN kr1 5.225 4 GHz
RL RF 50 G enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00	25 dB dBm 1	SENSE:INT	40 5230MHz H Align Auto Avg T Free Run Avg[H	igh AntB 'ype: Log-Pwr old: 100/100	02:13:07 PMAug 21, 2022 TRACE II 2 3:4 5:6 TYPE MUMUNU DET P NNNNN kr1 5:225 4 GHz 4.801 dBm
RL RF S0 G enter Freq 5.29000	25 dB dBm 1	SENSE:INT	40 5230MHz H Align Auto Avg T Free Run Avg[H	igh AntB 'ype: Log-Pwr old: 100/100	02:13:07 PM Aug 21, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET NNNNN Kr1 5.225 4 GHz 4.801 dBm
RL RF S0 G enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00 00	25 dB dBm 1	SENSE:INT	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PMAug 21, 2022 TRACE II 2 3:4 5:6 TYPE MUMUNU DET P NNNNN kr1 5:225 4 GHz 4.801 dBm
RL RF S0 G enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00 0	25 dB dBm 1	SENSE:INT D: Fast ↔ Trig: F ain:Low #Atten	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PM Aug 21, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET NNNNN Kr1 5.225 4 GHz 4.801 dBm
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RL RF 50 G enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00 00	25 dB dBm 1	SENSE:INT D: Fast ↔ Trig: F ain:Low #Atten	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PP Aug 21, 2022 TRACE [] 2 3:4 5:6 TYPE M WWWWW DET P NNNNN kr1 5:225 4 GHz 4:801 dBm
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RL RF 50 G enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00 00 00 00 00 00 00 00 00 00 00 00 00	x	SENSE:INT D: Fast \rightarrow Trig: F min:Low #Atten	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PP Aug 21, 2022 TRACE II 2 3:4 5:6 TYPE M WWWWW DET P NNNNN kr1 5:225 4 GHz 4:801 dBm -27.00 dBm
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RL RF S0 G enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00 00	25 dB 1 5.225 4 GHz 5.350 0 GHz	SENSE:INT D: Fast →→ Trig: F ain:Low → #Atten #Atten #VBW 3.0 M Y 4.801 dBm -4.801 dBm	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PP Aug 21, 2022 TRACE [] 2 3 4 5 0 TYPE MUMUM DET P NNNNN kr1 5.225 4 GHz 4.801 dBm
Ref Offset 3, Ref Offset 3, Ref 20.00 Ref 2	25 dB 1 5.225 4 GHz 5.350 0 GHz	SENSE:INT D: Fast →→ Trig: F ain:Low → #Atten #Atten #VBW 3.0 M Y 4.801 dBm -4.801 dBm	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PP Aug 21, 2022 TRACE 1 2 3:4 5:0 TYPE MUMUUM DET P NUMUUM kr1 5:225 4 GHz 4:801 dBm -27 00 dbm -27 00 dbm 3 x ⁴ /x-04 ⁻ 10 ⁻⁴ /y-4 ⁻ 4 ⁻
RL RF S0 C enter Freq 5.29000 Ref Offset 3. dB/div Ref 20.00 00	25 dB 1 5.225 4 GHz 5.350 0 GHz	SENSE:INT D: Fast →→ Trig: F ain:Low → #Atten #Atten #VBW 3.0 M Y 4.801 dBm -4.801 dBm	40 5230MHz H	igh AntB ype: Log-Pwr old: 100/100	02:13:07 PP Aug 21, 2022 TRACE 1 2 3:4 5:0 TYPE MUMUUM DET P NUMUUM kr1 5:225 4 GHz 4:801 dBm -27 00 dbm -27 00 dbm 3 x ⁴ /x-04 ⁻ 10 ⁻⁴ /y-4 ⁻ 4 ⁻



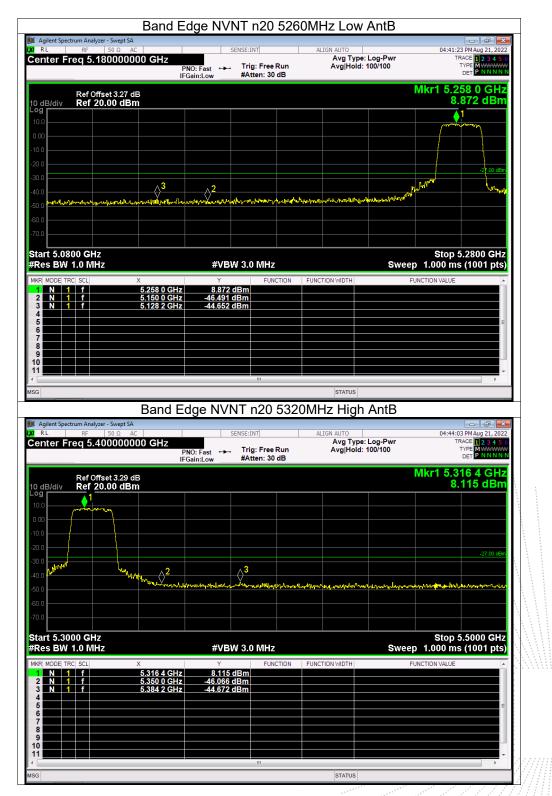




Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B. Antenna B: 5260-5230MHz









Agilent Spectrum Analyzer - Sv R L RF 50		SENSE:INT	ALIGN AUTO	04:51:3	B PM Aug 21, 2022
enter Freq 5.2100		Fast ↔ Trig: Free n:Low #Atten: 30		.og-Pwr TR 00/100 T	ACE 123456 TYPE MWWWW DET PNNNNN
Ref Offset dB/div Ref 20.00				Mkr1 5.2	66 6 GHz 860 dBm
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	3 2		Jum Martin Judan		Mughand and
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1.0					
art 5.1100 GHz				Stop 5	.3100 GHz
Res BW 1.0 MHz		#VBW 3.0 MHz		Sweep 1.000 ms	
R MODE TRC SCL	× 5.266 6 GHz	4.860 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	^
N 1 f N 1 f	5.150 0 GHz 5.136 6 GHz	-46.881 dBm -44.361 dBm			
					=
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	Dand Eda			A = +D	F
			status 5310MHz High /	AntB	
Agilent Spectrum Analyzer - Sv RL RF 50	wept SA Ω AC	je NVNT n40	5310MHz High A	04:52:54	4 PM Aug 21, 2022
Agilent Spectrum Analyzer - Sv RL RF 50	wept SA Ω AC 000000 GHz	Je NVNT n40	5310MHz High J ALIGN AUTO Avg Type: L Run Avg[Hold: 1	04:52:54	
Agilent Spectrum Analyzer - Sv RL RF 50 enter Freq 5.3700 Ref Offset :	xept SA Ω AC DO00000 GHz PNO: IFGain 3.29 dB	Je NVNT n40	5310MHz High J ALIGN AUTO Avg Type: L Run Avg[Hold: 1	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PM Aug 21, 2022 ACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNNN 07 4 GHz
Agilent Spectrum Analyzer - St RL PF 50 enter Freq 5.3700 Ref Offset: dB/div Ref 20.00 9	xept SA Ω AC DO00000 GHz PNO: IFGain 3.29 dB	Je NVNT n40	5310MHz High J ALIGN AUTO Avg Type: L Run Avg[Hold: 1	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PM Aug 21, 2022 ACE 1 2 3 4 5 6 TYPE MWWWWW DET PNNNNN
Agilent Spectrum Analyzer - Sv RL RF 50 enter Freq 5.3700 Ref Offset: dB/div Ref 20.00	xept SA Ω AC DO00000 GHz PNO: IFGain 3.29 dB	Je NVNT n40	5310MHz High J ALIGN AUTO Avg Type: L Run Avg[Hold: 1	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PM Aug 21, 2022 ACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNNN 07 4 GHz
Agilent Spectrum Analyzer - Sv RL RF 50 enter Freq 5.3700 Ref Offset: dB/div Ref 20.00 9 00	wept SA	Je NVNT n40	5310MHz High J ALIGN AUTO Avg Type: L Run Avg[Hold: 1	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PM Aug 21, 2022 ACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNNN 07 4 GHz
Agilent Spectrum Analyzer - Sk RL RF 50 enter Freq 5.3700 Bldiv Ref Offset: dB/div Ref 20.00 0 0 0	wept SA	Je NVNT n40	5310MHz High J ALIGN AUTO Avg Type: L Run Avg[Hold: 1	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PM Aug 21, 2022 ACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 07 4 GHz
Agilent Spectrum Analyzer - St RL RF 50 enter Freq 5.3700 Ref Offset 3 dB/div Ref 20.00 9 0	wept SA	Je NVNT n40 SENSE:INT Fast ↔ Trig: Free #Atten: 30	ALIGN AUTO ALIGN AUTO Avg Type: L Avg Hold: 1 dB	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PMAug 21, 2022 ACE [] 2 3 4 5 6 VPE MWWWW DET P NNNNN DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - Sk RL RF 50 enter Freq 5.3700 GB/div Ref Offset: dB/div Ref 20.00 g	wept SA	Je NVNT n40	ALIGN AUTO ALIGN AUTO Avg Type: L Avg Hold: 1 dB	04:52:5 og-Pwr TR 30/100 T Mkr1 5.30	4 PMAug 21, 2022 ACE [] 2 3 4 5 6 VPE MWWWW DET P NNNNN DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700 Ref Offset: dB/div Ref 20.00 9 0 0 0 0 0 0 0 0 0 0 0 0 0	wept SA	Je NVNT n40 SENSE:INT Fast ↔ Trig: Free #Atten: 30	ALIGN AUTO ALIGN AUTO Avg Type: L Avg Hold: 1 dB	04:52:5 og-Pwr 10/100 Mkr1 5.30 4.	4 PMaug 21, 2022 ACE 12 3 4 5 0 Prype M WWWW DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700 GB/div Ref 20.00 GB/div Ref 20.00	wept SA	Je NVNT n40 SENSE:INT Fast ↔ Trig: Free #Atten: 30	ALIGN AUTO ALIGN AUTO Avg Type: L Avg Hold: 1 dB	04:52:5 og-Pwr 70/100 7 Mkr1 5.3 4.	4 PMAUg 21, 2022 ACE 2 3 4 5 6 DET P NNNNN DET P NNNNNN 07 4 GHz 678 dBm -27 00 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700 dB/div Ref 20.00 dB/div	wept SA	Je NVNT n40 SENSE:INT Fast ↔ Trig: Free #Atten: 30	5310MHz High / ALIGN AUTO Avg Type: L Avg Hold: 1 dB	04:52:5 og-Pwr 70/100 7 Mkr1 5.3 4.	PPAug 21, 2022 ACE 2 3 4 5 6 VPE M WWW DET P NNNNN 07 4 GHz 678 dBm -27 00 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700 Ref Offset: dB/div Ref 20.00 9 9 9 9 9 9 9 9 9 9 9 9 9	x	ge NVNT n40	5310MHz High / ALIGN AUTO Avg Type: L Avg Hold: 1 dB	04:52:55 0g-Pwr 00/100 TF Mkr1 5.3 4.	4 PMAU9 21, 2022 ACE 2 3 4 5 6 VPE M WWW DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700 GB/div Ref Offset: GB/div Ref 20.00 GU GU GU GU GU GU GU GU GU	wept SA Q AC DOUDOOO GHz PNO: IFGai 3.29 dB 0 dBm	ge NVNT n40 sense:INT Fast → Trig: Free #Atten: 30 ************************************	5310MHz High A	04:52:5 og-Pwr کار/100 ۳ ۲ ۳۰۰/۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	4 PMAU9 21, 2022 ACE 2 3 4 5 6 VPE M WWW DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700 Ref Offset: dB/div Ref 20.00 0 0 0 0 0 0 0 0 0 0 0 0	xept SA xept SA Q AC D000000 GHz PN0: IFGair 3.29 dB D D dBm 1 Iffair 5.307 4 GHz S360 0 GHz	Je NVNT n40 SENSE:INT Fast → Trig: Free #Atten: 30 #VBW 3.0 MHz #VBW 3.0 MHz Y FUN 45.356 dBm	5310MHz High A	04:52:5 og-Pwr کار/100 ۳ ۲ ۳۰۰/۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	4 PMAU9 21, 2022 ACE 2 3 4 5 6 VPE M WWW DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - Sx RL RF 50 enter Freq 5.3700	xept SA xept SA Q AC D000000 GHz PN0: IFGair 3.29 dB D D dBm 1 Iffair 5.307 4 GHz S360 0 GHz	Je NVNT n40 SENSE:INT Fast → Trig: Free #Atten: 30 #VBW 3.0 MHz #VBW 3.0 MHz Y FUN 45.356 dBm	5310MHz High A	04:52:5 og-Pwr کار/100 ۳ ۲ ۳۰۰/۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	4 PMAU9 21, 2022 ACE 2 3 4 5 6 VPE M WWW DET P NNNNN 07 4 GHz 678 dBm
Agilent Spectrum Analyzer - SX RL RF 50 mter Freq 5.3700 B/div Ref Offset: dB/div Ref 20.00 0 0 0 0 0 0 0 0 0 0 0 0	xept SA xept SA Q AC D000000 GHz PN0: IFGair 3.29 dB D D dBm 1 Iffair 5.307 4 GHz S360 0 GHz	Je NVNT n40 SENSE:INT Fast → Trig: Free #Atten: 30 #VBW 3.0 MHz #VBW 3.0 MHz Y FUN 45.356 dBm	5310MHz High A	04:52:5 og-Pwr کار/100 ۳ ۲ ۳۰۰/۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰۰	4 PMAU9 21, 2022 ACE 2 3 4 5 6 VPE M WWW DET P NNNNN 07 4 GHz 678 dBm



Agilent Spectrum Analyzer - Swep R L RF 50 Ω		SENSE:INT	ALIGN AUTO	04:45::	- 6 ×
enter Freq 5.18000	PNC	:Fast ↔ Trig:Fr in:Low #Atten:		Log-Pwr ⊺	RACE 123456 TYPE MWWWW DET PNNNNN
Ref Offset 3.2 dB/div Ref 20.00 c	27 dB				62 2 GHz 684 dBm
					♦ 1
.00					
0.0					
D.0					-27.00 dBm
0.0		2 2	who provide fragment they have been been a	www.uhr-liper.phill	Mundon
).0	endesterde nd van gehatigt hat bekendtelle	Ang fill on the second of the second	-ol Andrea Lather Deal Andrea and a second second	halloffenter i i	
J.0 J.0					
tart 5.0800 GHz		41/D14/ 0 0 M			5.2800 GHz
Res BW 1.0 MHz	X	#VBW 3.0 M	FUNCTION FUNCTION WIDTH	Sweep 1.000 m FUNCTION VALUE	s (1001 pts)
1 N 1 f 2 N 1 f	5.262 2 GHz 5.150 0 GHz	8.684 dBm -46.978 dBm			
3 N 1 f 4 5	5.138 2 GHz	-44.767 dBm			
6 					
8					
0					
3			STATUS		
	Band Edg	je NVNT ac2	20 5320MHz High	AntB	
Agilent Spectrum Analyzer - Swep R L RF 50 Ω	AC	SENSE:INT	ALIGN AUTO		04 PM Aug 21, 2022
enter Freq 5.40000	PNC	:Fast Trig:Fi in:Low #Atten:		00/100	RACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N
Ref Offset 3.2 dB/div Ref 20.00 c					17 8 GHz .243 dBm
0.0					
					-27.00 dBm
0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	¹ 1140000000000000000000000000000000000				
	tokation track	artificanae de Tiplicipa a finite da contra da cont	านทั่งประกิญญายาย	کاری الیک برازی و را او را	-27.00 dBm
	hukuch Julian Charles	arthonae-trihildon fystyrstyrstyrstyr		Nga Tanàn yiNikuting Kana Jawa Ang	
	telestowner	atfatas.tetjulija (help-Agatas.qu)		Ŋyu-Ingdongdigterfolderfolderfolderfolderfolderfolderfolderfolderfolderfolderfolderfolderfolderfolderfolderfold Stop	
000	helper and a state of the state	ութություններ այություններ #ABM 3'00 W	Hz	Sweep 1.000 m	5.5000 GHz
CO CO CO CO CO CO CO CO CO CO	⁴ ekus 00 ¹² kash 10 ¹² kas	Y 8.243 dBm			5.5000 GHz
0.0		Y I	Hz	Sweep 1.000 m	5.5000 GHz
0.0	5.317 8 GHz 5.350 0 GHz	Y 8.243 dBm -47.048 dBm	Hz	Sweep 1.000 m	5.5000 GHz
C. 0 C. 0	5.317 8 GHz 5.350 0 GHz	Y 8.243 dBm -47.048 dBm	Hz	Sweep 1.000 m	5.5000 GHz s (1001 pts)



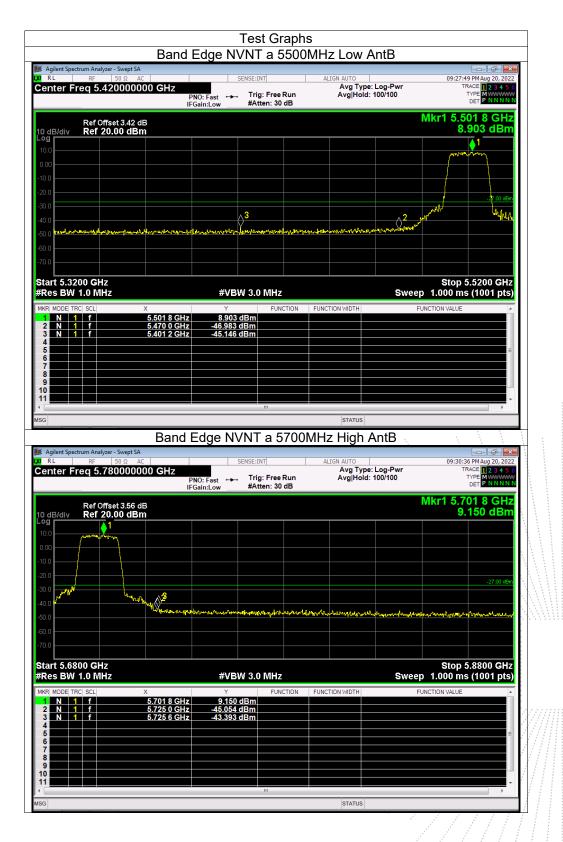
Agilent Spectrum Analyzer - Sw R L RF 50	Ω AC	SENSE:INT	ALIGN AUTO	04:54:37 PM Aug 21, 2022
enter Freq 5.2100		Fast +++ Trig: Free Ru h:Low #Atten: 30 dB		TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN
Ref Offset 3 dB/div Ref 20.00				Mkr1 5.266 2 GHz 4.974 dBm
				<u>1</u>
.00			www.enter	
D.O				
1.0 1.0			/	-27.00 dBm
	2	warrier.may and Wilson Muchan all a strong	waytownoropoon	
J.O				
tart 5.1100 GHz Res BW 1.0 MHz		#VBW 3.0 MHz		Stop 5.3100 GHz veep 1.000 ms (1001 pts)
R MODE TRC SCL	X	Y FUNCTI		FUNCTION VALUE
1 N 1 f 2 N 1 f	5.266 2 GHz 5.150 0 GHz	4.974 dBm -46.794 dBm		
3 N 1 f 4	5.121 0 GHz	-44.665 dBm		=
B 9 0				
				-
3			STATUS	
		e NVNT ac40 5	5310MHz High AntE	
Agilent Spectrum Analyzer - Sw R L RF 50	Ω AC	SENSE:INT	ALIGN AUTO	04:56:10 PM Aug 21, 2022
enter Freq 5.3700		Fast +++ Trig: Free Ru n:Low #Atten: 30 dB		TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N N
Ref Offset 3 dB/div Ref 20.00				Mkr1 5.306 6 GHz 4.526 dBm
	1			
	and manufacture			
).0 				
	<u> </u>			-27.00 dBm
J.U	^	may human lage lage and	Brownson and a standing of growing the second	and
		a diampa Alaman and	a his manufaction and a grading from the second state of the second s	«\[_}₩₩₩}¥₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩₩
0.0 אייאדיין אייאליייט איישיע 0.0				
0.0				
				Stop 5.4700 GHz
00 00000000000000000000000000000000000		#VBW 3.0 MHz		Stop 5.4700 GHz veep 1.000 ms (1001 pts)
art 5.2700 GHz Res BW 1.0 MHz	x 5305 5 6Hz 350 0 6Hz	#VBW 3.0 MHz Y FUNCTI 4.526 dBm		Stop 5.4700 GHz veep 1.000 ms (1001 pts)
And Sector And Sec		#VBW 3.0 MHz Y FUNCTI		veep 1.000 ms (1001 pts)
10 Improved Sector 11 Improved Sector 12 Improved Sector 13 Improved Sector 14 Improved Sector 15 Improved Sector 15 Improved Sector	5.306 6 GHz 5.350 0 GHz	#VBW 3.0 MHz 4.526 dBm -45.656 dBm		veep 1.000 ms (1001 pts)
000	5.306 6 GHz 5.350 0 GHz	#VBW 3.0 MHz 4.526 dBm -45.656 dBm		veep 1.000 ms (1001 pts)



Agilent Spectrum Analyzer - Sv RL RF 50		SENSE:INT	ALIGN AUTO	05:01:48 PM Aug 21,	
enter Freq 5.3100	000000 GHz	T-1	Avg Type:	Log-Pwr TRACE 123	4 5 6
): Fast ↔→→ Trig: Free Ru in:Low #Atten: 30 di		100/100 TYPE MWW DET P NN	NNN
Ref Offset 3	3.28 dB			Mkr1 5.269 8 G	
dB/div Ref 20.00				0.748 dE	3m
).0	1				
	- Martin Cardenin Area	wanda aleman aleman and aleman and a	www.		
.0					
0.0			<u>\</u>	-27.00	IdBm
.0			h	x 2	
1.0 Hall have welder were the	hu (V-8°		mound	aprese was more and sharpy of	Mare
art 5.2100 GHz				Stop 5.4100 G	HZ
Res BW 1.0 MHz		#VBW 3.0 MHz		Sweep 1.000 ms (1001 p	
R MODE TRC SCL	X	Y FUNCT	ION FUNCTION WIDTH	FUNCTION VALUE	
N 1 f 2 N 1 f	5.269 8 GHz 5.350 0 GHz	0.748 dBm -46.089 dBm			
8 N 1 f	5.350 8 GHz	-44.157 dBm			
					=
					•
6			STATUS		
	Band Edd	ge NVNT ac80 🗄			
	Dunu Lug	je nivivi acou .	5290IVIHZ LOW	AntB	
Agilent Spectrum Analyzer - Sv	wept SA			- F	
	wept SA Ω AC 000000 GHz	SENSE:INT	ALIGN AUTO Avg Type:	05:02:32 PM Aug 21,	2022
RL RF 50	wept SA Ω AC D000000 GHz PNC		ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr TRACE 123	2022
RL RF 50	wept SA Ω AC 000000 GHz IFGa	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr 100/100 Tree M Det P NN Mkr1 5.269 83 G	2022 5 6 NNN HZ
RL RF 50 Ponter Freq 5.2350	xept SA Ω AC 0000000 GHz PNC IFGa 3.28 dB	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr TRACE 12 3 100/100 TYPE W W DET P NN	2022 5 6 NNN HZ
RL RF 50 enter Freq 5.2350 Ref Offset 3 dB/div Ref 20.00	xept SA Ω AC 0000000 GHz PNC IFGa 3.28 dB	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr 100/100 Tree M Det P NN Mkr1 5.269 83 G	2022 5 6 NNN HZ
RL RF 50 enter Freq 5.2350 Ref Offset 3 dB/div Ref 20.00 9	xept SA Ω AC 0000000 GHz PNC IFGa 3.28 dB	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr 100/100 Tree M Det P NN Mkr1 5.269 83 G	2022 5 6 NNN HZ
RL RF 50 enter Freq 5.2350 Ref Offset 3 Ref Offset 3 dB/div Ref 20.00 Ref 20.00 9	xept SA Ω AC 0000000 GHz PNC IFGa 3.28 dB	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr 100/100 Tree M Det P NN Mkr1 5.269 83 G	2022 5 6 NNN HZ
RL RF 50 enter Freq 5.235(Ref Offset 3 Ref 0 ffset 3 dB/div Ref 20.00 Ref 20.00 9	wept SA Q AC PNC PNC PNC PNC PNC PNC PNC PNC	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21, Log-Pwr 100/100 Tree M Det P NN Mkr1 5.269 83 G	2022 5 6 WWW N N HZ
RL RF 50 enter Freq 5.235(Ref Offset 3 Ref 0 ffset 3 dB/div Ref 20.00 Ref 20.00 9	wept SA Q AC PNC PNC PNC PNC PNC PNC PNC PNC): Fast Trig: Free Ru in:Low #Atten: 30 dl	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21 100/100 TRACE 2 3 TYPE NW Mkr1 5.269 83 G -0.208 dE	2022 5 6 WWW N N HZ
RL RF 50 enter Freq 5.235(Ref Offset 3 Ref 0 ffset 3 dB/div Ref 20.00 Ref 20.00 9	wept SA Q AC PNC PNC PNC PNC PNC PNC PNC PNC	SENSE:INT SENSE:INT SEFast ↔ Trig: Free Ru	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21 100/100 TRACE 2 3 TYPE MWW DET MWW Mkr1 5.269 83 G -0.208 dE	2022 4 5 6 WWW N N HZ 3m
RL RF 50 enter Freq 5.235(Ref Offset 3 Ref 0 ffset 3 dB/div Ref 20.00 Ref 20.00 9	wept SA): Fast Trig: Free Ru in:Low #Atten: 30 dl	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE NW Mkr1 5.269 83 G -0.208 dE	2022 4 5 6 WWW N N HZ 3 M M M M M M M M M M M M M
RL RF 50 Enter Freq 5.2350 Ref Offset Ref 20.00 9	wept SA Q AC PNC PNC PNC PNC PNC PNC PNC PNC): Fast Trig: Free Ru in:Low #Atten: 30 dl	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE NW Mkr1 5.269 83 G -0.208 dE	2022 4 5 6 WWW N N HZ 3 M M M M M M M M M M M M M
RL RF 50 enter Freq 5.235(Ref Offset 3 Ref 20.00 g	wept SA Q AC PNC PNC PNC PNC PNC PNC PNC PNC): Fast Trig: Free Ru in:Low #Atten: 30 dl	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21 100/100 TRACE 2 3 TYPE MWW DET MWW DET MWW 0ET MWWW 0ET MWW 0ET MWW	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.235(B/div Ref Offset3 dB/div Ref 20.00 9 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 00 0 0 01 0 0 02 0 0 03 0 0 04 0 0 05 0 0 06 0 0 07 0 0 08 0 0 09 0 0 00 0 0 01 0 0 02 0 0 03 0 0	wept SA Q AC PNC PNC PNC PNC PNC PNC PNC PNC): Fast Trig: Free Ru in:Low #Atten: 30 dl	ALIGN AUTO Avg Type: un Avg Hold:	05:02:32 PM Aug 21 100/100 TRACE 2 3 TYPE NW Mkr1 5.269 83 G -0.208 dE -27 00	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.235(Ref Offset 3 Ref 20.00 g	x ac A AC D000000 GHz PNC FGa 3.28 dB 0 dBm 3.28 dB 0 dBm A AC PNC P	SENSE:INT D: Fast Trig: Free Ru #Atten: 30 df	ALIGN AUTO	05:02:32 PM Aug 21 100/100 TRACE 2 3 TYPE MWW DET MWW DET MWW 0ET MWWW 0ET MWW 0ET MWW	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.235(Ref Offset3 Ref 20.00 g	xept 5A xept 5A Q AC D000000 GHz PNC PNC J28 dB D D dBm I J3 28 dB I J3 28 dB I J40 dBm I J5 269 83 GHz 5.150 00 GHz	SENSE:INT D: Fast + Trig: Free Ru #Atten: 30 df #Atten: 30 df #VBW 3.0 MHz Y FUNCTI -0.208 dBm -48.179 dBm	ALIGN AUTO	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE MWW DET P NN Mkr1 5.269 83 G -0.208 dE -0.208 dE -0	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.235(Ref Offset3 Ref 20.00 dB/div Ref 20.00 Ref 20.00 g	AC Page Q AC PNC D000000 GHz PNC J28 dB D D J J3 2 J J J <td>SENSE:INT D: Fast →→ Trig: Free Rt #Atten: 30 df #Atten: 30 df #VBW 3.0 MHz Y FUNCTI -0.208 dBm</td> <td>ALIGN AUTO</td> <td>05:02:32 PM Aug 21 100/100 TRACE 23 TYPE MWW DET P NN Mkr1 5.269 83 G -0.208 dE -0.208 dE -0</td> <td>2022 4 5 6 6 M N N N HZ 4 5 6 4 5 6 4</td>	SENSE:INT D: Fast →→ Trig: Free Rt #Atten: 30 df #Atten: 30 df #VBW 3.0 MHz Y FUNCTI -0.208 dBm	ALIGN AUTO	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE MWW DET P NN Mkr1 5.269 83 G -0.208 dE -0.208 dE -0	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.235(Ref Offset3 Ref 20.00 GB/div Ref 20.00 Ref 20.00 GB Ref 20.00 Ref 20.00 GB Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.00 <	xept 5A xept 5A Q AC D000000 GHz PNC PNC J28 dB D D dBm I J3 28 dB I J3 28 dB I J40 dBm I J5 269 83 GHz 5.150 00 GHz	SENSE:INT D: Fast + Trig: Free Ru #Atten: 30 df #Atten: 30 df #VBW 3.0 MHz Y FUNCTI -0.208 dBm -48.179 dBm	ALIGN AUTO	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE MWW DET P NN Mkr1 5.269 83 G -0.208 dE -0.208 dE -0	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.2350 Ref Offset3 Ref 20.00 Ref 0ffset3 Ref 20.00 Ref 20.00 Ref 1 Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.00 Ref 20.0	xept 5A xept 5A Q AC D000000 GHz PNC PNC J28 dB D D dBm I J3 28 dB I J3 28 dB I J40 dBm I J5 269 83 GHz 5.150 00 GHz	SENSE:INT D: Fast + Trig: Free Ru #Atten: 30 df #Atten: 30 df #VBW 3.0 MHz Y FUNCTI -0.208 dBm -48.179 dBm	ALIGN AUTO	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE MWW DET P NN Mkr1 5.269 83 G -0.208 dE -0.208 dE -0	2022 4 5 6 6 M N N N HZ 4 5 6 4
RL RF 50 enter Freq 5.235(Ref Offset3 Ref 20.00 g	xept 5A xept 5A Q AC D000000 GHz PNC PNC J28 dB D D dBm I J3 28 dB I J3 28 dB I J40 dBm I J5 269 83 GHz 5.150 00 GHz	SENSE:INT D: Fast + Trig: Free Ru #Atten: 30 df #Atten: 30 df #VBW 3.0 MHz Y FUNCTI -0.208 dBm -48.179 dBm	ALIGN AUTO	05:02:32 PM Aug 21 100/100 TRACE 23 TYPE MWW DET P NN Mkr1 5.269 83 G -0.208 dE -0.208 dE -0	2022 4 5 6 6 M N N N HZ 4 5 6 4



Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B. Antenna B: 5500-5700MHz





	Band Ed	lge NVNT n20	5500MHz Low A	ntB	
Agilent Spectrum Analyzer - R L RF	Swept SA 50 Ω AC	SENSE:INT	ALIGN AUTO	00.32.43	PM Aug 20, 2022
enter Freq 5.420	0000000 GHz	0: Fast ↔→ Trig: Free ain:Low #Atten: 30	Avg Type: L Run Avg Hold: 10	og-Pwr TR	ACE 1 2 3 4 5 6 YPE MWWWW DET P NNNNN
Ref Offse dB/div Ref 20.0				Mkr1 5.50 8.5	01 4 GHz 522 dBm
					1
.00					harman and a second
3.0					
					-27.00 dBm
0.0				30 authorite	
	A strande marine to and marine to the	والعنوف المسيقين المروي مرور والمالي ومراجع أرومه أو	han addition and the condition of the second	ne al merre	Made and
).0 - 10.2 / 10		Annalo da atas and harden adares ananar			
art 5.3200 GHz				Stop 5	.5200 GHz
Res BW 1.0 MHz		#VBW 3.0 MHz		Sweep 1.000 ms	
R MODE TRC SCL	× 5.501 4 GHz	8.522 dBm	CTION FUNCTION WIDTH	FUNCTION VALUE	î
2 N 1 f 3 N 1 f	5.470 0 GHz 5.468 8 GHz	-46.300 dBm -44.180 dBm			
5					=
6 7 8					
í					-
3			STATUS		
	Band Ed	ae NVNT n20	5700MHz High A	AntB	
Agilent Spectrum Analyzer -	Swept SA				
enter Freq 5.780	50 Ω AC 0000000 GHz	SENSE:INT	ALIGN AUTO Avg Type: L	DICAL	ACE 1 2 3 4 5 6
	PN IFG	0: Fast ↔ Trig: Free ain:Low #Atten: 30			YPE MWWWWW DET PNNNNN
Ref Offse dB/div Ref 20.0				Mkr1 5.69 8.3	97 6 GHz 395 dBm
0.0					
).0 					-27.00 dBm
	mar 2				
0.0	Warner	hendren sharestited and good	hormontation	¹ ปะการให้ประ _{กิ} ณฑ์เสียงเสียง _{การเป็} กแปลเป็นแห่ง	where the second
].0					
art 5.6800 GHz Res BW 1.0 MHz		#VBW 3.0 MHz		Stop 5 Sweep 1.000 ms	.8800 GHz (1001 pts)
R MODE TRC SCL	X		CTION FUNCTION WIDTH	FUNCTION VALUE	<u>^</u>
1 N 1 f 2 N 1 f 3 N 1 f	5.697 6 GHz 5.725 0 GHz 5.725 6 GHz	8.395 dBm -44.878 dBm 42.514 dBm			
3 N 1 f 4 5	5.725 6 GHz	-42.614 dBm			
6 7					
8					
0					
					•
ì			STATUS		



	Ω AC	SENSE:INT	ALIGN AUTO		09:42:12 PM Aug 20, 2022
enter Freq 5.4500	PN		Avg T Free Run Avg Ho n: 30 dB	ype: Log-Pwr old: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN
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tart 5.3500 GHz Res BW 1.0 MHz		#VBW 3.0 N		Sweep	Stop 5.5500 GHz 1.000 ms (1001 pts)
R MODE TRC SCL	X	Y	FUNCTION FUNCTION WIDTH	-	NCTION VALUE
1 N 1 f 2 N 1 f 3 N 1 f	5.516 4 GHz 5.470 0 GHz 5.469 8 GHz	5.921 dBm -42.551 dBm -41.703 dBm			
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G			STATU	s	
		ge NVNT n₄	10 5670MHz Hig	gh AntB	
RL RF 50	vept SA Ω AC		ALIGN AUTO		09:45:02 PM Aug 20, 2022
RL RF 50	vept SA Ω AC 000000 GHz PN0	SENSE:INT	ALIGN AUTO Avg T Free Run Avg Ho	gh AntB	
RL RF 50 enter Freq 5.7300 Ref Offset 3	xept SA Ω AC D00000 GHz PN IFG 3.56 dB	SENSE:INT	ALIGN AUTO	ype: Log-Pwr old: 100/100	09:45:02 PMAug 20, 2022 TRACE 2 2 3 4 5 6 TYPE MWWWW DET PNNNNN Akr1 5.667 4 GHz
RL RF 50 enter Freq 5.7300 Ref Offset 3 0 dB/div Ref 20.00 9	xept SA Ω AC D00000 GHz PN IFG 3.56 dB	SENSE:INT	ALIGN AUTO Avg T Free Run Avg Ho	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN
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RL RF 50 enter Freq 5.7300 Ref Offset3 Ref 0ffset3 dB/div Ref 20.00 Ref 20.00 0	xept SA Ω AC 000000 GHz PN IFGa 3.56 dB 0 dBm ↓1	SENSE:INT	ALIGN AUTO Avg T Free Run Avg Hu : 30 dB	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 234.5 c TYPE WWWWW DET P NNNNN Akr1 5.667 4 GHz 5.847 dBm
RL RF 50 enter Freq 5.7300 Ref Offset 3 Ref 0 ffset 3 dB/div Ref 20.00 Ref 20.00 0	xept SA Ω AC 000000 GHz PN IFGa 3.56 dB 0 dBm ↓1	SENSE:INT	ALIGN AUTO Avg T Free Run Avg Ho	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 234.5 c TYPE WWWWW DET P NNNNN Akr1 5.667 4 GHz 5.847 dBm
RL RF 50 enter Freq 5.7300 Ref Offset 3 dB/div Ref 20.00 0	xept SA Ω AC 000000 GHz PN IFGa 3.56 dB 0 dBm ↓1	SENSE:INT	ALIGN AUTO Avg T Avg T : 30 dB	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 12 3 4 5 0 TYPE MWWWW DET P NNNNN Alkr1 5.667 4 GHz 5.847 dBm
RL PF 50 enter Freq 5.7300 Ref Offset 3 Ref Offset 3 dB/div Ref 20.00 Ref 20.00 00	xept SA Ω AC 000000 GHz PN IFGa 3.56 dB 0 dBm ↓1	SENSE:INT	ALIGN AUTO Avg T Avg T : 30 dB	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 1 23 4 5 6 TYPE MWWWW DET P NNNNN Akr1 5.667 4 GHz 5.847 dBm -27 00 dbn
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RL PF S0 enter Freq 5.7300 Ref Offset 3 GB/div Ref 20.00 0	x 5.667 4 GHz x 5.667 4 GHz	SENSE:INT D: Fast →→ Trig: I ain:Low → #Atter #VBW 3.0 ft Y 5.847 dBm	ALIGN AUTO Avg T Avg T Store Run Avg Hu Avg T Avg	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 12 34 5 5 TYPE MWWWW DET P NNNNN Akr1 5.667 4 GHz 5.847 dBm -27 00 dbm -27 00 dbm Stop 5.8300 GHz 1.000 ms (1001 pts)
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RL PF 50 enter Freq 5.7300 Ref Offset 3 0 dB/div Ref 20.00	x 5.667 4 GHz x 5.667 4 GHz	SENSE:INT D: Fast →→ Trig: I ain:Low → #Atter #VBW 3.0 ft Y 5.847 dBm	ALIGN AUTO Avg T Avg T Store Run Avg Hu Avg T Avg	ype: Log-Pwr old: 100/100	09:45:02 PM Aug 20, 2022 TRACE 12 34 5 5 TYPE MWWWW DET P NNNNN Alkr1 5.667 4 GHz 5.847 dBm -27 60 dBm -27 60 dBm -27 60 dBm Stop 5.8300 GHz 1.000 ms (1001 pts) VCTION VALUE

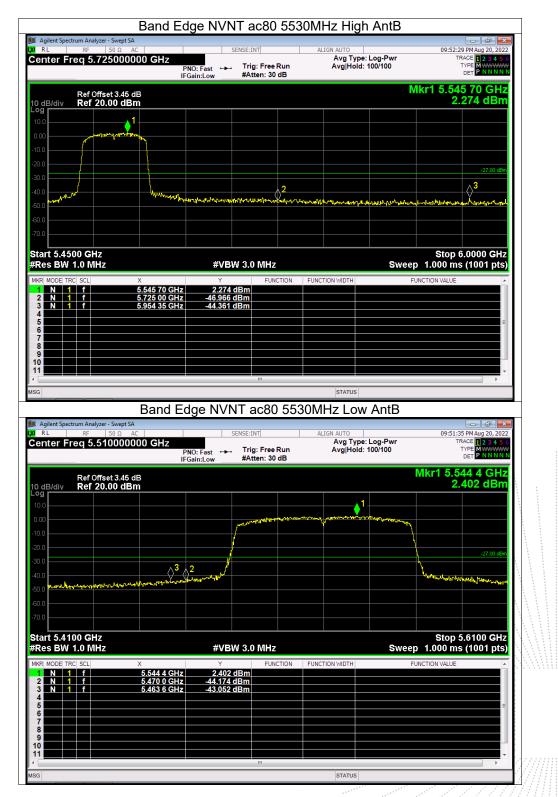


		ge NVNT ac	20 550	MHz Low	AntB	
Agilent Spectrum Analyzer - Sw RL RF 50 Enter Freq 5.4200	Ω AC 100000 GHz		ree Run	ALIGN AUTO Avg Type: L Avg Hold: 10		09:37:16 PM Aug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N N
D-COM	IFG	in:Low #Atten	: 30 dB		Mk	r1 5.501 8 GHz
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						Ofen 5 5200 Oll-
art 5.3200 GHz Res BW 1.0 MHz		#VBW 3.0 N	Hz		Sweep 1	Stop 5.5200 GHz .000 ms (1001 pts)
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Agilent Spectrum Analyzer - Sw RL RF 50	vept SA	SENSE:INT		ALIGN AUTO	une -	09:40:07 PM Aug 20, 2022
enter Freq 5.7800	00000 GHz): Fast 🛶 Trig: F	ree Run : 30 dB	Avg Type: L Avg Hold: 10		TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN
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art 5.6800 GHz Res BW 1.0 MHz		#VBW 3.0 M		[₩] ŋ#-, ^-, -, -, -, -, -, -, -, -, -, -, -, -, -		Stop 5.8800 GHz .000 ms (1001 pts)
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AW AW	X		IHz		Sweep 1	Stop 5.8800 GHz .000 ms (1001 pts)
0.0	× 5.698 4 GHz 5.725 0 GHz	#VBW 3.0 N * 8.321 dBm -44.384 dBm	IHz		Sweep 1	Stop 5.8800 GHz .000 ms (1001 pts)
AW AB	× 5.698 4 GHz 5.725 0 GHz	#VBW 3.0 N * 8.321 dBm -44.384 dBm	IHz		Sweep 1	Stop 5.8800 GHz .000 ms (1001 pts)
0 0 00 0 00 0 art 5.6800 GHz Res BW 1.0 MHz R MODE TRC SCL N 1 N 1 S 1 S 1	× 5.698 4 GHz 5.725 0 GHz	#VBW 3.0 N * 8.321 dBm -44.384 dBm	IHz		Sweep 1	Stop 5.8800 GHz .000 ms (1001 pts)
ATT 5.6800 GHz art 5.6800 GHz tes BW 1.0 MHz MODE TRC SCL N 1 f N 1 f N 1 f	× 5.698 4 GHz 5.725 0 GHz	#VBW 3.0 N * 8.321 dBm -44.384 dBm	IHz		Sweep 1	Stop 5.8800 GHz .000 ms (1001 pts)



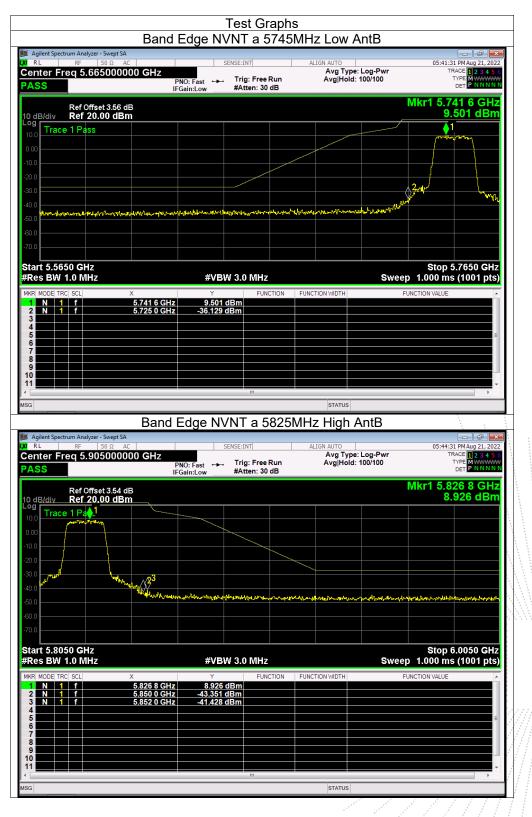
Agilent Spectrum Analyzer - Sv		CENCE JUIT			
RL RF 50 enter Freq 5.4500	Ω AC 000000 GHz	SENSE:INT		pe: Log-Pwr	09:46:34 PM Aug 20, 2022 TRACE 1 2 3 4 5 6
	PNO	:Fast ↔→ Trig:Fi n:Low #Atten:		d: 100/100	DET P N N N N
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tart 5.3500 GHz				_	Stop 5.5500 GHz
Res BW 1.0 MHz		#VBW 3.0 M			1.000 ms (1001 pts)
R MODE TRC SCL	× 5.513 0 GHz	5.920 dBm	FUNCTION FUNCTION WIDTH	FUN	ICTION VALUE
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Agilent Spectrum Analyzer - Sv	ž	e NVNT ac4	10 5670MHz Hig	jh AntB	
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RL RF 50	wept SA Ω AC D00000 GHz PN0	SENSE:INT	ALIGN AUTO ALIGN AUTO Avg Tyj ree Run Avg[Ho]	3h AntB De: Log-Pwr d: 100/100	09:49:19 PM Aug 20, 2022 TRACE 1 2 3 4 5 6
RL RF 50 enter Freq 5.7300	wept SA Ω AC D000000 GHz PNO IFGai	SENSE:INT	ALIGN AUTO ALIGN AUTO Avg Tyj ree Run Avg[Ho]	pe: Log-Pwr d: 100/100	09:49:19 PM Aug 20, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N
RL RF 50 enter Freq 5.7300 Ref Offset 3 dB/div Ref 20.00	wept SA Ω AC DOOOOO GHz PNO IFGal 3.56 dB	SENSE:INT	ALIGN AUTO ALIGN AUTO Avg Tyj ree Run Avg[Ho]	pe: Log-Pwr d: 100/100	09:49:19 PM Aug 20, 2022
RL RF 50 enter Freq 5.7300 Ref Offset 3 dB/div Ref 20.00	wept SA Ω AC DOOOOO GHz PNO IFGal 3.56 dB	SENSE:INT	ALIGN AUTO ALIGN AUTO Avg Tyj ree Run Avg[Ho]	pe: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNNN Ikr1 5.664 6 GHz
RL RF 50 enter Freq 5.7300 Ref Offset 3 dB/div Ref 20.00 9 0.0	xept SA	SENSE:INT	40 5670MHz Hig Align Auto Avg Tyj ree Run Avg[Ho]	pe: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNNN Ikr1 5.664 6 GHz
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RL RF 50 enter Freq 5.7300 Ref Offset 3 dB/div Ref 20.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	xept SA	SENSE:INT :Fast → Trig: Fi n:Low #Atten:	10 5670MHz Hig ALIGN AUTO Avg Tyj ree Run 30 dB	pe: Log-Pwr d: 100/100	09:49:19 PMaug 20, 2022 TRACE 234.5 5 TYPE WWWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm
RL RF 50 enter Freq 5.7300 Ref Offset 3 Ref 0 ffset 3 dB/div Ref 20.00 Ref 20.00 0	xept SA	SENSE:INT :Fast → Trig: Fi n:Low #Atten:	40 5670MHz Hig Align Auto Avg Tyj ree Run Avg[Ho]	ne: Log-Pwr d: 100/100	09:49:19 PMaug 20, 2022 TRACE 23 4 5 0 TYPE MWWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm
Ref Offset 3 0 dB/div Ref 20.00	xept SA	SENSE:INT :Fast → Trig: Fi n:Low #Atten:	10 5670MHz Hig ALIGN AUTO Avg Tyj ree Run 30 dB	ne: Log-Pwr d: 100/100	09:49:19 PMaug 20, 2022 TRACE 23 4 5 6 TYPE MWWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27.00 dBm
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RL RF 50 enter Freq 5.7300 Ref Offset 3 Ref Offset 3 dB/div Ref 20.00 Ref 20.00 00	xept SA	SENSE:INT :Fast → Trig: Fi n:Low #Atten:	Align Auto Align Auto Avg Tyl Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMaug 20, 2022 TRACE 23 4 5 6 TYPE MWWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm
RL RF 50 enter Freq 5.7300 Ref Offset 3 GB/div Ref 20.00 gg	x ac AC AC AC PNO FGal 3.56 dB 0 dBm 1 1 1 1 1 1 1 1 1 1	SENSE:INT Fast → Trig: Fi #Atten: #VBW 3.0 M	Align Auto Align Auto Avg Tyl Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WINNIN 1kr1 5.664 6 GHz 5.844 dBm -27 00 den -27 00 den Stop 5.8300 GHz
RL RF 50 enter Freq 5.730C Ref Offset 3 Ref Offset 3 dB/div Ref 20.00 Ref 20.00 00	xept SA 2 AC 000000 GHz PNO FRail PNO FFGail 3.56 dB 0 dBm 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1	SENSE:INT Fast → Trig: Fi miLow #Atten: #VBW 3.0 M Y 5.844 dBm 4.844 dBm	40 5670MHz Hic Align Auto Avg Ty Avg Ty Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm -27 00 dBm Stop 5.8300 GHz 1.000 ms (1001 pts)
RL PF 50 enter Freq 5.7300 Ref Offset3 Ref 20.00 0 dB/div Ref 20.00 Ref 20.00 0 dB/div Ref 20.00 <td< td=""><td>wept SA PRO Q AC PNO D000000 GHz PNO J Frequencies PNO J Image: Comparison of the second se</td><td>SENSE:INT Fast → Trig: Fi #Atten: #VBW 3.0 M Y 5.844 dBm</td><td>40 5670MHz Hic Align Auto Avg Ty Avg Ty Avg Hol 30 dB</td><td>e: Log-Pwr d: 100/100</td><td>09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm -27 00 dBm Stop 5.8300 GHz 1.000 ms (1001 pts)</td></td<>	wept SA PRO Q AC PNO D000000 GHz PNO J Frequencies PNO J Image: Comparison of the second se	SENSE:INT Fast → Trig: Fi #Atten: #VBW 3.0 M Y 5.844 dBm	40 5670MHz Hic Align Auto Avg Ty Avg Ty Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm -27 00 dBm Stop 5.8300 GHz 1.000 ms (1001 pts)
RL PF 50 enter Freq 5.7300 Ref Offset 3 GB/div Ref 20.00 0 GB/div Ref 20.00 GB/div GB/div 0 GB/div Ref 20.00 GB/div GB/div GB/div 0 GB/div Ref 20.00 GB/div	xept SA 2 AC 000000 GHz PNO FRail PNO FFGail 3.56 dB 0 dBm 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1	SENSE:INT Fast → Trig: Fi miLow #Atten: #VBW 3.0 M Y 5.844 dBm 4.844 dBm	40 5670MHz Hic Align Auto Avg Ty Avg Ty Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm -27 00 dBm Stop 5.8300 GHz 1.000 ms (1001 pts)
RL RF 50 enter Freq 5.7300 Ref Offset 3 0 dB/div Ref 20.00 0 00	xept SA 2 AC 000000 GHz PNO FRail PNO FFGail 3.56 dB 0 dBm 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1	SENSE:INT Fast → Trig: Fi miLow #Atten: #VBW 3.0 M Y 5.844 dBm 4.844 dBm	40 5670MHz Hic Align Auto Avg Ty Avg Ty Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm -27 00 dBm Stop 5.8300 GHz 1.000 ms (1001 pts)
RL PF 50 enter Freq 5.730C Ref Offset 3 Ref Offset 3 dB/div Ref 20.00 Ref 20.00 00	xept SA 2 AC 000000 GHz PNO FRail PNO FFGail 3.56 dB 0 dBm 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1	SENSE:INT Fast → Trig: Fi miLow #Atten: #VBW 3.0 M Y 5.844 dBm 4.844 dBm	40 5670MHz Hic Align Auto Avg Ty Avg Ty Avg Hol 30 dB	e: Log-Pwr d: 100/100	09:49:19 PMAug 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P NNNNN 1kr1 5.664 6 GHz 5.844 dBm -27 00 dBm -27 00 dBm Stop 5.8300 GHz 1.000 ms (1001 pts)



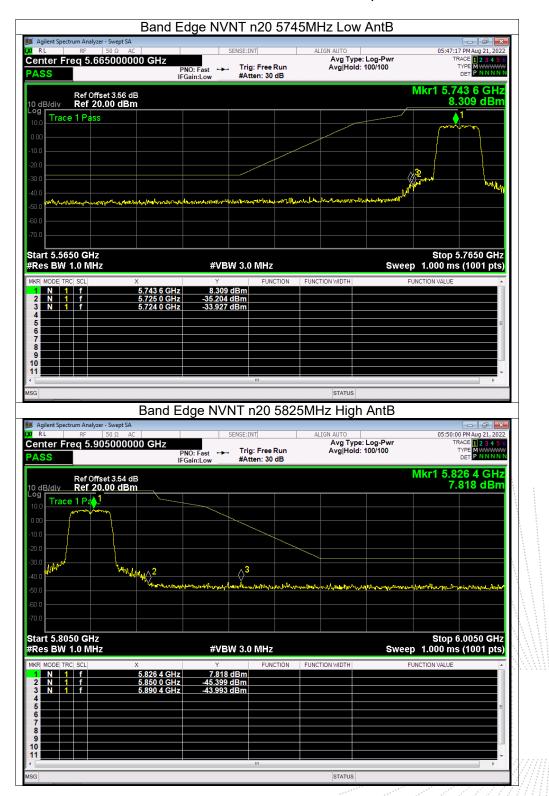




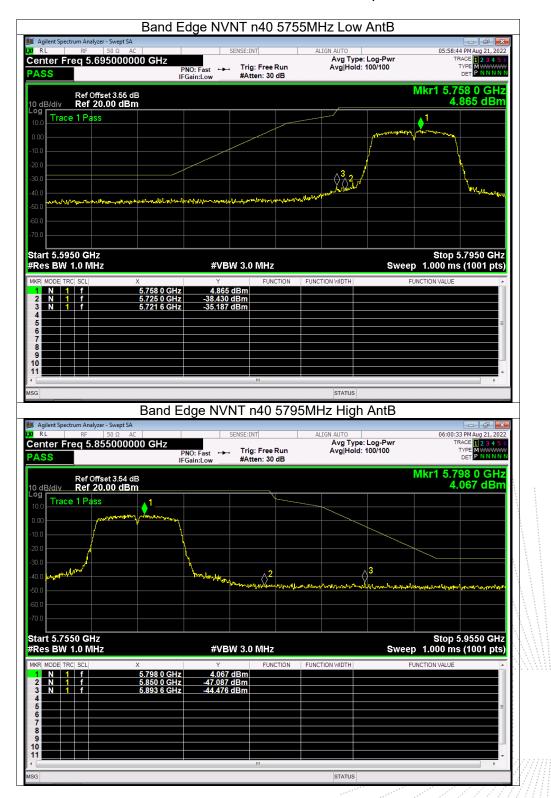
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B. Antenna B: 5745-5825MHz











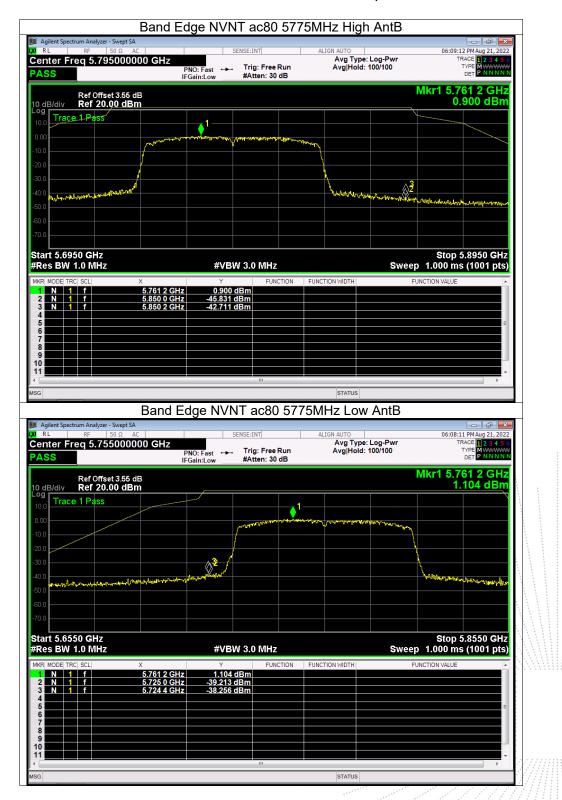


Agilent Spectrum Analyzer - S RL RF 50 enter Freq 5.6650	0 Ω AC 000000 GHz PN0	SENSE:INT	Run Avg Hold	e: Log-Pwr : 100/100	05:51:35 PM Aug 21, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N
Ref Offset		in:Low#Atten: 30		Mkr	1 5.742 6 GHz
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Trace 1 Pass					manman
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0	punglassippedition	une mention of and			
1.0					
1.0					
art 5.5650 GHz tes BW 1.0 MHz		#VBW 3.0 MHz	2		Stop 5.7650 GHz 000 ms (1001 pts)
R MODE TRC SCL	X		CTION FUNCTION WIDTH	FUNCTIO	N VALUE
N 1 f N 1 f N 1 f	5.742 6 GHz 5.725 0 GHz 5.723 4 GHz	8.382 dBm -36.101 dBm -32.542 dBm			
					E
					4
			STATUS		
	Band Edg	e NVNT ac20		h AntB	
	wept SA) 5825MHz Hig	h AntB	05-54-47 PM Aug 21, 2022
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12. Spurious RF Conducted Emissions

12.1 Block Diagram Of Test Setup



12.2 Limit

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)For transmitters operating in the 5.725-5.85 GHz band(i) 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.

(3)For transmitters operating in the 5.25-5.35 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.

(4)For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

12.3 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.

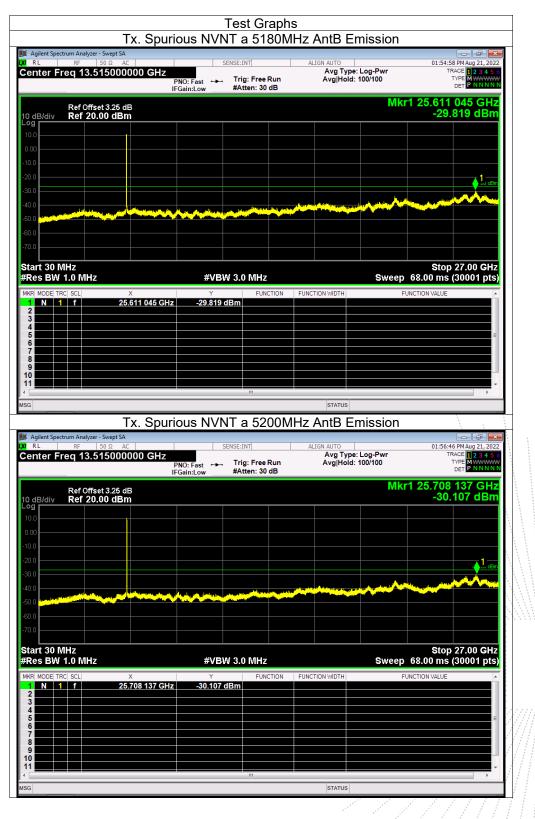
12.4 Test Result

Remark: The measurement frequency range is from 9KHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and bandege measurement data.

About:26.5GHz-40GHz, The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



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





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Agilent Spectrum Analyzer - Sw		ous NVN	IT n40 5230	MHz AntB E	mission	-	- 6
RL RF 50	vept SA Ω AC	ous NVN	SENSE:INT	ALIGN AUTO	.og-Pwr	02:10:38 P	M Aug 21, 2022
RL RF 50	vept SA Ω AC	OUS NVN PNO: Fast ↔ IFGain:Low		ALIGN AUTO	.og-Pwr	02:10:38 P	M Aug 21, 2022
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