



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 \geq 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 \geq 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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Edition: B.2



10.5 Test Result

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
Test Mode:	5180-5240MHz		

Condition	Mode	Frequency	Conducted Power (dBm)		Total(dBm)	Limit	Verdict
		(MHz)	Ant A	Ant B		(dBm)	
NVNT	а	5180	11.92	11.05	/	24	Pass
NVNT	а	5200	9.19	10.8	/	24	Pass
NVNT	а	5240	9.4	10.86	/	24	Pass
NVNT	n20	5180	10.74	10.96	13.86	24	Pass
NVNT	n20	5200	9.91	10.58	13.27	24	Pass
NVNT	n20	5240	10.12	10.08	13.11	24	Pass
NVNT	n40	5190	9.75	9.31	12.55	24	Pass
NVNT	n40	5230	9.52	7.59	11.67	24	Pass
NVNT	ac20	5180	10.18	10.46	13.33	24	Pass
NVNT	ac20	5200	10.65	9.83	13.27	24	Pass
NVNT	ac20	5240	9.95	9.59	12.78	24	Pass
NVNT	ac40	5190	9.69	8.81	12.28	24	Pass
NVNT	ac40	5230	8.85	9.14	12.01	24	Pass
NVNT	ac80	5210	7.72	7.51	10.63	24	Pass
NVNT	ax20	5180	10.41	10.15	13.29	24	Pass
NVNT	ax20	5200	10.69	9.69	13.23	24	Pass
NVNT	ax20	5240	10.68	9.17	13.00	24	Pass
NVNT	ax40	5190	9.76	8.25	12.08	24	Pass
NVNT	ax40	5230	9	8.49	11.76	24	Pass
NVNT	ax80	5210	7.75	8.35	11.07	24	Pass

Note:

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

So the directional gain foe Power measurements is 6.98 dBi



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
Test Mode:	5260-5320MHz		

Condition	Mode	Frequency	Conducted Power (dBm)		Total(dBm)	Limit	Verdict	
		(MHz)	Ant A	Ant B		(dBm)		
NVNT	а	5260	11.98	11.45	/	24	Pass	
NVNT	а	5280	11.12	10.64	/	24	Pass	
NVNT	а	5320	11.44	10.73	/	24	Pass	
NVNT	n20	5260	10.13	10.72	13.45	24	Pass	
NVNT	n20	5280	10.51	10.83	13.68	24	Pass	
NVNT	n20	5320	10.37	10.61	13.50	24	Pass	
NVNT	n40	5270	9.51	9.22	12.38	24	Pass	
NVNT	n40	5310	9.52	8.88	12.22	24	Pass	
NVNT	ac20	5260	10.3	10.74	13.54	24	Pass	
NVNT	ac20	5280	10.47	10.88	13.69	24	Pass	
NVNT	ac20	5320	10.38	10.98	13.70	24	Pass	
NVNT	ac40	5270	9.29	9.25	12.28	24	Pass	
NVNT	ac40	5310	9.39	8.96	12.19	24	Pass	
NVNT	ac80	5290	8.9	8.43	11.68	24	Pass	
NVNT	ax20	5260	10.15	10.82	13.51	24	Pass	
NVNT	ax20	5280	10.41	11.04	13.75	24	Pass	
NVNT	ax20	5320	10.35	10.97	13.68	24	Pass	
NVNT	ax40	5270	9.19	9.07	12.14	24	Pass	
NVNT	ax40	5310	9.49	9.02	12.27	24	Pass	
NVNT	ax80	5290	8.75	8.3	11.54	24	Pass	

Note:

For power measurements. The Array gain=0 for NANT≤4 So the directional gain foe Power measurements is 6.98 dBi



Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
Test Mode:	5500-5700MHz		

Condition	Mode	Frequency		Conducted Power (dBm)		Limit	Verdict
		(MHz)	Ant A	Ant B	Total(dBm)	(dBm)	
NVNT	а	5500	8.81	9.61	/	24	Pass
NVNT	а	5580	10.42	11.66	/	24	Pass
NVNT	а	5700	11.42	11.62	/	24	Pass
NVNT	n20	5500	8.97	9.07	12.03	24	Pass
NVNT	n20	5580	10	10.31	13.17	24	Pass
NVNT	n20	5700	11.1	10.32	13.74	24	Pass
NVNT	n40	5510	7.7	8.48	11.12	24	Pass
NVNT	n40	5550	8.15	8.93	11.57	24	Pass
NVNT	n40	5670	9.88	9.74	12.82	24	Pass
NVNT	ac20	5500	8.68	8.64	11.67	24	Pass
NVNT	ac20	5580	10	10.21	13.12	24	Pass
NVNT	ac20	5700	11.07	10.82	13.96	24	Pass
NVNT	ac40	5510	7.29	7.22	10.27	24	Pass
NVNT	ac40	5550	7.84	8.36	11.12	24	Pass
NVNT	ac40	5670	9.75	9.44	12.61	24	Pass
NVNT	ac80	5530	8.84	8.93	11.90	24	Pass
NVNT	ax20	5500	9.42	7.99	11.77	24	Pass
NVNT	ax20	5580	10.47	10.09	13.29	24	Pass
NVNT	ax20	5700	11.95	10.82	14.43	24	Pass
NVNT	ax40	5510	7.29	8.02	10.68	24	Pass
NVNT	ax40	5550	7.44	8.82	11.19	24	Pass
NVNT	ax40	5670	9.12	9.47	12.31	24	Pass
NVNT	ax80	5530	8.45	8.33	11.40	24	Pass

Note:

For power measurements. The Array gain=0 for NANT≤4 So the directional gain foe Power measurements is 6.98 dBi

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Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 12V
Test Mode:	5745-5825MHz		

Condition	Mode	Frequency	Conducted Power (dBm)		Total(dBm)	Limit	Verdict
Contaition	mode	(MHz)	Ant A	Ant B		(dBm)	Veraiot
NVNT	а	5745	11.04	11.9	/	30	Pass
NVNT	а	5785	10.49	10.7	/	30	Pass
NVNT	а	5825	9.78	9.6	/	30	Pass
NVNT	n20	5745	10.12	10.63	13.39	30	Pass
NVNT	n20	5785	9.11	9.67	12.41	30	Pass
NVNT	n20	5825	8.63	8.75	11.70	30	Pass
NVNT	n40	5755	8.7	9.1	11.91	30	Pass
NVNT	n40	5795	7.72	7.78	10.76	30	Pass
NVNT	ac20	5745	10.14	10.4	13.28	30	Pass
NVNT	ac20	5785	9.62	9.28	12.46	30	Pass
NVNT	ac20	5825	8.45	8.33	11.40	30	Pass
NVNT	ac40	5755	8.74	9.24	12.01	30	Pass
NVNT	ac40	5795	7.65	7.98	10.83	30	Pass
NVNT	ac80	5775	7.34	7.24	10.30	30	Pass
NVNT	ax20	5745	10.63	10.09	13.38	30	Pass
NVNT	ax20	5785	9.34	9.36	12.36	30	Pass
NVNT	ax20	5825	8.91	8.66	11.80	30	Pass
NVNT	ax40	5755	8.06	9.03	11.58	30	Pass
NVNT	ax40	5795	7.6	7.92	10.77	30	Pass
NVNT	ax80	5775	7.11	8.17	10.68	30	Pass

Note:

For power measurements. The Array gain=0 for NANT≤4 So the directional gain foe Power measurements is 6.98 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.

(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.

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.

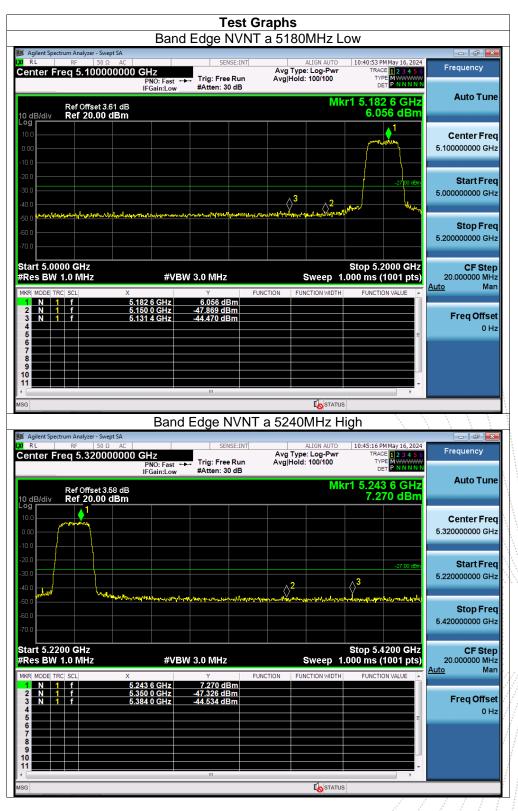
11.4 EUT Operating Conditions

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

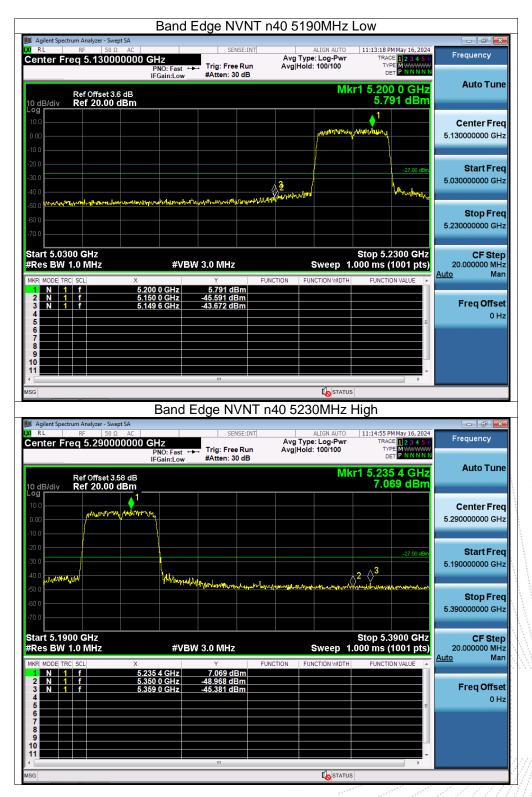
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A. Plot. Antenna A: 5180-5240MHz





	Band	Edge NVNT	n20 5180MHz I	_OW	
Agilent Spectrum Analyzer - Sw	ept SA				t t
Center Freq 5.1000	PNO: Fast	Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:49:41 PM May 16, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 3 10 dB/div Ref 20.00		#Atten: 30 dB	Mki	1 5.178 4 GHz 8.076 dBm	Auto Tune
Log				<u> </u> 1	
0.00				mannen	Center Freq 5.10000000 GHz
-10.0					0.1000000000000
-20.0					Start Freq
-30.0			. 2 .	-27.00 dBm	5.000000000 GHz
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-50.0	nin waard faar yn de gestaar yn de gesta	an ilian dia single materia (i an ilian dia 4	at stallsbarrane calls an of		Stop Freq
-60.0					5.20000000 GHz
				2 5	
Start 5.0000 GHz #Res BW 1.0 MHz	#VE	W 3.0 MHz	-	Stop 5.2000 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL	× 5.178 4 GHz	Y FU 8.076 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f	5.150 0 GHz 5.146 0 GHz	-46.129 dBm -43.780 dBm			Freq Offset
4 5				=	0 Hz
6 7					
8 9					
10				Ţ	
MSG		III	I STATUS	•	
	Band		n20 5240MHz h	liab	
📁 Agilent Spectrum Analyzer - Sw		Lugenviri	120 0240101121	light	
Center Freq 5.3200		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	10:52:11 PM May 16, 2024 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 100/100		
Ref Offset 3			Mk	1 5.241 6 GHz	Auto Tune
10 dB/div Ref 20.00				9.490 dBm	
10.0					Center Freq
0.00					5.320000000 GHz
-10.0					
-20.0				-27.00 dBm	Start Freq
40.0			2		5.220000000 GHz
-50.0	Harmedongen your	sterning talenty htypes your col	winner and a superarray	manlahahahannahanna	Stop Eron
-60.0					Stop Freq 5.420000000 GHz
-70.0					
Start 5.2200 GHz #Res BW 1.0 MHz	#VE	W 3.0 MHz	Sweep 1.	Stop 5.4200 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz
#Res BW 1.0 MHz	X	Y FL	Sweep 1.	Stop 5.4200 GHz 000 ms (1001 pts) FUNCTION VALUE	
#Res BW 1.0 MHz MKR MODE TRC SCL 1 N 1 f 2 N 1 f	× 5.241 6 GHz 5.350 0 GHz	Y FL 9.490 dBm -48.591 dBm		000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man
#Res BW 1.0 MHz MKR MODE TRC SCL 1 N 2 N 3 N 4	× 5.241 6 GHz	Y FU 9.490 dBm		000 ms (1001 pts)	20.000000 MHz
#Res BW 1.0 MHz MKR MODE TRC SCI 1 N 2 N 3 N 4	× 5.241 6 GHz 5.350 0 GHz	Y FL 9.490 dBm -48.591 dBm		000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man Freq Offset
#Res BW 1.0 MHz MKR MODE TCC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4	× 5.241 6 GHz 5.350 0 GHz	Y FL 9.490 dBm -48.591 dBm		000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man Freq Offset
#Res BW 1.0 MHz MKR MODE TC SCI 1 N 1 f 3 N 1 f 3 N 1 f 5 - - - 6 - - - 7 - - - 9 - - - 10 - - -	× 5.241 6 GHz 5.350 0 GHz	Y FL 9.490 dBm -48.591 dBm		000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man Freq Offset
#Res BW 1.0 MHz MKR MODE TRC SCL 1 N 2 N 3 N 4 5 6 7 8 9	× 5.241 6 GHz 5.350 0 GHz	Y FL 9.490 dBm -48.591 dBm		000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man Freq Offset







	Band E	dge NVNT a	c20 5180MHz	Low	
Magilent Spectrum Analyzer - Swept SA		SENSE:INT	ALIGN AUTO	10:55:20 PM May 16, 2024	- F X
Center Freq 5.1000000		→ Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N N	Frequency
Ref Offset 3.61 o 10 dB/div Ref 20.00 dB	IB		Mk	r1 5.183 4 GHz 8.301 dBm	Auto Tune
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0.00					5.10000000 GHz
-10.0					01 - 1 F
-30.0				-27.00 dBm	Start Freq 5.00000000 GHz
-40.0	wyertanto a star and a star	word of which was a start of the	hundre and have been and the second	urban ^d hat they	
-60.0					Stop Freq 5.20000000 GHz
-70.0					0.2000000000000
Start 5.0000 GHz #Res BW 1.0 MHz	#VBW	/ 3.0 MHz	Sweep 1.	Stop 5.2000 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	x 5.183 4 GHz	Y FU 8.301 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.150 0 GHz 5.111 6 GHz	-47.513 dBm -44.065 dBm			Freq Offset
4 5 6				Ξ	0 Hz
7 8					
9 10 11					
MSG		III	STATUS	•	
M3G	Pond E		c20 5240MHz	High	
Agilent Spectrum Analyzer - Swept SA		uge in vinit a	C20 524010112	nign	
Center Freq 5.320000	-	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	10:59:42 PM May 16, 2024 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ++ IFGain:Low	, Trig: Free Run #Atten: 30 dB	Avg Hold: 100/100	TYPE MWWWWW DET PNNNN	Auto Tuno
Ref Offset 3.58 of 10 dB/div Ref 20.00 dB	iB m		Mk	r1 5.243 0 GHz 9.465 dBm	Auto Tune
10.0					Center Freq
-10.0					5.320000000 GHz
-20.0				-27.00 dBm	Start Freq
-30.0			A 2		5.220000000 GHz
-40.0 -50.0	himmonoponenegihew	- 1. apres	mourshappontownow	automonitierricheterriche	
-60.0					Stop Freq 5.42000000 GHz
				Oton 5 1000 Ott	
Start 5.2200 GHz #Res BW 1.0 MHz	#VBV	/ 3.0 MHz	Sweep 1.	Stop 5.4200 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL	X 5.243 0 GHz	Y FU 9.465 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	initian initian
2 N 1 f 3 N 1 f	5.350 0 GHz 5.385 2 GHz	-46.775 dBm -45.701 dBm			Freq Offset
4 5 6				E	0 Hz
7 8					
9 10 11					
MSG		m	STATUS		
mod					



-	Band B	Edge NVNT a	ac40 5190MHz L	_OW	
Agilent Spectrum Analyzer - Swe		SENSE:INT	ALIGN AUTO	11:17:32 PM May 16, 2024	
Center Freq 5.1300			Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N	Frequency
Ref Offset 3. 10 dB/div Ref 20.00	.6 dB		Mkr	1 5.203 0 GHz 6.228 dBm	Auto Tune
			and and a second and a second and a second a se		Center Freq
-10.0					5.130000000 GHz
-20.0			3 0	-27.00 dBm	Start Freq 5.030000000 GHz
-40.0 -50.0 <u>majlina paratanena ma</u> i	สารปกระเยาสุราชปรูโหรูปอารุปสะการชัยได้	Kangangangan kang kang kang kang kang kan	Conditional states	Handred Vale	
-60.0					Stop Freq 5.230000000 GHz
Start 5.0300 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz		Stop 5.2300 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	X		JNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f	5.203 0 GHz 5.150 0 GHz	6.228 dBm -44.257 dBm			
3 N 1 f 4	5.145 2 GHz	-42.511 dBm			Freq Offset 0 Hz
5				E	0112
7 8					
9					
11					
MSG					
	Band E	dge NVNT a	c40 5230MHz H	ligh	
Agilent Spectrum Analyzer - Swe	ept SA				
Center Freq 5.2900	00000 GHz	SENSE:INT → Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	11:18:57 PM May 16, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
	PNO: Fast + IFGain:Low				
Ref Offset 3. 10 dB/div Ref 20.00	IFGain:Low _	#Atten: 50 dB	Mkr	1 5.232 4 GHz 6.416 dBm	Auto Tune
	IFGain:Low _		Mkr [,]		
10 dB/div Ref 20.00	IFGain:Low _ 58 dB dBm		Mkr		Auto Tune Center Freq 5.29000000 GHz
10 dB/div Ref 20.00	IFGain:Low 58 dB dBm 1		Mkr	6.416 dBm	Center Freq 5.29000000 GHz
10.0 dB/div Ref 20.00	IFGain:Low 58 dB dBm 1		Mkr		Center Freq
10 dB/div Ref 20.00	58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1			6.416 dBm	Center Freq 5.29000000 GHz Start Freq
10 dB/div Ref 20.00 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -40.0 -50.0	58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1			6.416 dBm	Center Freq 5.29000000 GHz Start Freq
10 dB/div Ref 20.00 0 00 -10 0 -20 0 -30 0 -40 0 -40 0 -40 0 -40 0 -40 0	58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1			6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.190000000 GHz
10 dB/div Ref 20.00 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0	58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1			6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz CF Step 20.00000 MHz
10 dB/div Ref 20.00 Log 10.0 0.00 -10.0 -20.0 -20.0 -30.0 -40.0 -50.0	IFGain:Low	W ^A . P ^A Dom _{ann} all so the stand of the s		6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz CF Step
10 dB/div Ref 20.00 000 100 100 100 100 100 100	FGain:Low 58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1	W ^A . P ^A Dom _{ann} all so the stand of the s	weep 1.0	6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz 5.39000000 GHz CF Step 20.00000 MHz Auto Man
10 dB/div Ref 20.00 000 100 100 100 100 100 100	IFGain:Low	W 3.0 MHz	weep 1.0	6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz CF Step 20.00000 MHz
10 dB/div Ref 20.00 000 100 100 100 100 100 100	FGain:Low 58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1	W ^A . P ^A Dom _{ann} all so the stand of the s	weep 1.0	6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz 20.00000 MHz Auto Freq Offset
10 dB/div Ref 20.00	FGain:Low 58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1	W ^A . Philomana and a line straight and WW 3.0 MHz	weep 1.0	6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz 20.00000 MHz Auto Freq Offset
10 dB/div Ref 20.00 00	FGain:Low 58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1	W ^A . Philomana and a line straight and WW 3.0 MHz	weep 1.0	6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz 20.00000 MHz Auto Freq Offset
10 dB/div Ref 20.00 000 100 100 100 100 100 100	FGain:Low 58 dB dBm 1 1 1 1 1 1 1 1 1 1 1 1 1	W ^A . Philomana and a line straight and WW 3.0 MHz	weep 1.0	6.416 dBm	Center Freq 5.29000000 GHz Start Freq 5.19000000 GHz Stop Freq 5.39000000 GHz 20.00000 MHz Auto Freq Offset







	Band I	Edge NVNT a	ax20 5180MHz I	_OW	
Agilent Spectrum Analyzer - Sv		SENSE:INT	ALIGN AUTO	11:41:48 PM May 16, 2024	
Center Freq 5.1000		Tainy Ence Dura	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 3	3.61 dB		Mkr	1 5.179 6 GHz 10.358 dBm	Auto Tune
10.0					Center Freq
0.00				()a) (ridiarid film	5.100000000 GHz
-10.0					
-20.0				-27.00 dBm	Start Freq
-40.0				and have	5.000000000 GHz
-50.0 montparticulation	mailmonorpatriculation	on the growthe providence of the second s	any marker marker What the		Stop Freq
-60.0					5.20000000 GHz
				24 C 0000 OU-	
Start 5.0000 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz		Stop 5.2000 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	× 5.179 6 GHz	Y FL 10.358 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.150 0 GHz 5.148 4 GHz	-45.726 dBm -43.589 dBm			Freq Offset
4 5				E	0 Hz
6 7 8					
9					
11		m			
MSG					
Nor -		Edge NVNT a	x20 5240MHz H	High	
Agilent Spectrum Analyzer - Sv X RL RF 50	Ω AC	SENSE:INT	ALIGN AUTO	11:44:29 PM May 16, 2024	Frequency
Center Freq 5.3200	IUUUUU GHZ PNO: Fast ← IFGain:Low	➡ Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	
Ref Offset 3 10 dB/div Ref 20.00			Mkr	1 5.238 8 GHz 10.591 dBm	Auto Tune
					Center Freq
0.00					5.320000000 GHz
-10.0					0
-30.0				-27.00 dBm	Start Freq 5.220000000 GHz
-40.0 toper/	Walky we want the second second	anna anna anna anna anna anna anna ann		h an all chains at more and a	
-50.0					Stop Freq
-70.0					5.420000000 GHz
Start 5.2200 GHz				Stop 5.4200 GHz	CF Step
#Res BW 1.0 MHz		W 3.0 MHz		00 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL	× 5.238 8 GHz 5.350 0 GHz	Y FL 10.591 dBm -48.652 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f 4	5.351 0 GHz	-48.652 dBm -45.859 dBm			Freq Offset 0 Hz
5				=	UHZ
7					
8					
8 9 9 10					
8 9		III	[<mark>∕</mark> status		



	Band E	dge NVNT a	x40 5190MHz	Low	
Magilent Spectrum Analyzer - Swe		SENSE:INT	ALIGN AUTO	11:46:22 PM May 16, 2024	
Center Freq 5.13000	00000 GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 3.	6 dB		Mk	r1 5.203 4 GHz 9.197 dBm	Auto Tune
10 dB/div Ref 20.00	aBm				
0.00				Monument	Center Freq 5.13000000 GHz
-10.0					0.100000000 0112
-20.0				-27.00 dBm	Start Freq
-30.0			∆ <u>3</u>	Lal .	5.03000000 GHz
-40.0 -50.0	mmennenderselytoersewer	APICHARIA CONTINUES DE CONTINUES DE	and a long to grant and a	and a second sec	
-60.0					Stop Freq 5,23000000 GHz
-70.0					5.25000000 GH2
Start 5.0300 GHz #Res BW 1.0 MHz	#VB\	V 3.0 MHz	Sweep 1	Stop 5.2300 GHz .000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	× 5.203 4 GHz	Y FU 9.197 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.203 4 GHz 5.150 0 GHz 5.149 4 GHz	-44.778 dBm -42.913 dBm			Freq Offset
4 5				E	0 Hz
6					
89 9					
MSG			STATUS		
	Band E	dge NVNT a	x40 5230MHz	High	
🔰 Agilent Spectrum Analyzer - Swe		SENSE:INT	ALIGN AUTO	11:49:36 PM May 16, 2024	
Center Freq 5.29000		Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET PNNNN	Frequency
Ref Offset 3. 10 dB/div Ref 20.00	58 dB dBm		Mk	r1 5.235 2 GHz 7.311 dBm	Auto Tune
	1				Center Freq
0.00	1 Pohonen y				5.29000000 GHz
-10.0					
-20.0				-27.00 dBm	Start Freq
-40.0 Hudger Mart	Hanne			23	5.19000000 GHz
-50.0	A MARINE AND A	๖ ๖ 	ndelman ano pourse set por	mon and all also marked with	Stop Freq
-60.0					5.39000000 GHz
-70.0					
Start 5.1900 GHz #Res BW 1.0 MHz	#VB\	V 3.0 MHz		Stop 5.3900 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz Auto Man
MKR MODE TRC SCL	× 5.235 2 GHz 5.350 0 GHz	7.311 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f 4	5.350 0 GHz 5.384 8 GHz	-48.004 dBm -45.778 dBm			Freq Offset
4 5 6				E	0 Hz
7					
9					
44					
11				Þ	







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





	Band Edge N	/NT n20 5260MHz	Low	
Magilent Spectrum Analyzer - Swept SA	SEN	SE:INT ALIGN AUTO	04:01:34 AM May 17, 2024	
Center Freq 5.180000000 C		Avg Type: Log-Pwr Run Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN	Frequency
Ref Offset 3.56 dB 10 dB/div Ref 20.00 dBm		MI	kr1 5.262 0 GHz 8.055 dBm	Auto Tune
Log 10.0			↓ 1	Center Freq
-10.0				5.180000000 GHz
-20.0			-27.00 dBm	Start Freq 5.08000000 GHz
-40.0 -	where where a strange was s	poletoneter the second of the second	remained yohnes	
-60.0				Stop Freq 5.28000000 GHz
Start 5.0800 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 1	Stop 5.2800 GHz I.000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL X	Y A ALL A ALL I	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 5.15	62 0 GHz 8.055 dE 50 0 GHz -48.729 dB 83 6 GHz -45.420 dB	im line line line line line line line line		Freq Offset 0 Hz
6 7 8 9				
10 11				
	m		•	
MSG				
	Band Edge N\	/NT n20 5320MHz	High	
Milent Spectrum Analyzer - Swept SA RL RF 50 Ω AC	SEN	SE:INT ALIGN AUTO	04:04:30 AM May 17, 2024	
Center Freq 5.400000000 C	BHZ PNO: Fast ↔→→ Trig: Free IFGain:Low #Atten: 30		TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN	Frequency
Ref Offset 3.56 dB 10 dB/div Ref 20.00 dBm		MI	(r1 5.317 8 GHz 8.043 dBm	Auto Tune
10.0 0.00				Center Freq 5.40000000 GHz
-10.0				
-20.0			-27.00 dBm	Start Freq 5.30000000 GHz
40.0	3			
-40.0	3 mykimanagtudutnukumagtisiki	al-Lyong the general and a start of the second start of the second second second second second second second se	www.glowalerreity.com/langela	Stop Freq
Provide A VY	3 mryldmantaqtudusmut _{ationa} gigati	ĦĹĹŢĿŢŔŔĸŎĬĬĬĸŊĸſĸġĸſĸŎĸĸŔġŊġĬĿĸŢĸĊĸĸĸ	urun yakun yana kun yan ku	
-60.0 -70.0 Start 5.3000 GHz #Res BW 1.0 MHz	3 mm/dmanuagtadurocl.ps	Sweep 1	Stop 5.5000 GHz I.000 ms (1001 pts)	5.500000000 GHz
-60.0 -60.0 -70.0 Start 5.3000 GHz #Res BW 1.0 MHz MKR MODE TRC SCL X 1 N 1 f 5.31	#VBW 3.0 MHz	Sweep 1	Stop 5.5000 GHz I.000 ms (1001 pts)	Stop Freq 5.50000000 GHz CF Step 20.00000 MHz Auto Man
-50.0 -60.0 -70.0 Start 5.3000 GHz #Res BW 1.0 MHz MKR MODE TRC SCL X 1 N 1 f 5.33 2 N 1 f 5.33	#VBW 3.0 MHz	Sweep 1 FUNCTION FUNCTION WIDTH	Stop 5.5000 GHz I.000 ms (1001 pts)	5.50000000 GHz CF Step 20.000000 MHz <u>Auto</u> Man Freq Offset
-50.0 -60.0 -70.0 Start 5.3000 GHz #Res BW 1.0 MHz MKR MODE TRC SCL X 1 N 1 f 5.37 2 N 1 f 5.38 3 N 1 f 5.38 4 5.36 6 6 6 7 7 8 8	#VBW 3.0 MHz 17 8 GHz 8.043 dB 50 0 GHz 47.127 dB	Sweep 1 FUNCTION FUNCTION WIDTH	Stop 5.5000 GHz I.000 ms (1001 pts)	5.500000000 GHz CF Step 20.000000 MHz
-60.0 -00.0 -00.0 -70.0 Start 5.3000 GHz #Res BW 1.0 MHz MKR MODE TRC SCL X 1 N 1 f 5.33 3 N 1 f 5.38 4 5 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	#VBW 3.0 MHz 17 8 GHz 8.043 dB 50 0 GHz 47.127 dB	Sweep 1 FUNCTION FUNCTION WIDTH	Stop 5.5000 GHz I.000 ms (1001 pts)	5.50000000 GHz CF Step 20.000000 MHz <u>Auto</u> Man

Edition: B.2



• Allow
Center Freq 5.210000000 GHz Avg Type: Log-Pow Trace 122 set 125 Prequency Ref Offset 3.56 dB Mkr1 5.275 2 GHz Avg Type: Log-Pow Trace 122 set 125 Auto Tu 0 dB/div Ref Offset 3.56 dB Mkr1 5.275 2 GHz Auto Tu Center Fr 5.210000000 GHz Auto Tu 0 dB/div Ref Offset 3.56 dB Mkr1 5.275 2 GHz 3.319 dBm Generation Start Fr 5.210000000 GHz Start Fr 5.210000000 GHz Start Fr 5.31000000 GHz Start Fr Start 5.1100 GHz Freq Uencl Start 5.1100 GHz Freq Uencl Start 5.1100 GHz Freq Uencl Start 5.1100 GHz Freq Offset 3.56 0 GHz Start 5.100 GHz Freq Offset 3.56 0 GHz
Ref Offset 3.66 dB Mkr1 5.275 2 GHz 3.919 dBm Auto Tu 10 dB/dv Ref 20.00 dBm 3.919 dBm Center Fr 5.21000000 d 100 1 1 1 Center Fr 5.21000000 d 100 3 3 1 5.270.65 Start Fr 5.11000000 d 100 3 3 1 5.1000000 d Start 5.1100 GHz 100 3 3 1 5.275 2 GHz Stop 5.3100 GHz Stop 5.3100 GHz 100 3 5.100 GHz Stop 5.3100 GHz Stop 5.3100 GHz Stop Fr 11 1 5.275 2 GHz 3.919 dBm Function Function worth Function worth Function worth 11 1 5.140 8 GHz 4.5016 dBm 1 Stop 5.3100 Hz Fireq Offset 11 1 5.140 8 GHz 4.5016 dBm 1 1 Fireq Offset 11 1 5.140 8 GHz 4.5016 dBm 1 1 1 1 1 1 1 1 1 1 1 1
Cog Center Fr 5.21000000 G 200 27.000 27.000 300 27.000 27.000 400 27.000 27.000 400 27.000 27.000 500 27.000 27.000 400 27.000 27.000 500 27.000 27.000 510000000 G 27.000 5.1100 GHz #Res BW 1.0 MHz #VEW 3.0 MHz Step 5.3100 GHz #Res BW 1.0 MHz #VEW 3.0 MHz Step 5.3100 GHz 20.00000 M 4.000 MIC MR MODE TRC SCL 5.275 2 GHz 3.919 GBm 40 5.149 8 GHz 45.016 dBm 5 5.149 8 GHz 45.016 dBm 6 1 6 7 1 5.149 8 GHz 45.016 dBm 1 1 9 1 1 5.149 8 GHz 9 1 1 5.149 8 GHz 45.016 dBm 1 5.149 8 GHz SENSELINT A.0000 Hz 1 9 1 1 5.149 8 GHz SENSELINT
0.00 0.00
300 32 32 34 34 34 34 51000000 G 600 32 34
600 maximum and
200
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 20.000000 M MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto 1 N 1 f 5.275 2 GHz 3.919 dBm Function Function width Function value Auto M 2 N 1 f 5.169 0 GHz -49.868 dBm Freq Offs 6 Freq Offs 0 3 N 1 f 5.149 8 GHz -45.016 dBm Freq Offs 0
Image Model TRC Sci X Y FUNCTION F
2 N 1 f 5.150 0 CHz -49.868 dBm Freq Offs 3 N 1 f 5.149 8 CHz -45.016 dBm Freq Offs 4 - - - - - - 6 - - - - - - - 8 -
S m 9 m 9 m MSG Image: Sectrum Analyzer - Swept SA MRL RF SO Ω AC SENSE:INT ALIGN AUTO Offset 3.56 dB Mkr1 5.312 O GHZ PNO: Fast Trig: Free Run AvgType: Log-Pwr TRACE Did B/div Ref Offset 3.56 dB Mkr1 5.312 O GHZ 3.975 dBm Center Freq 50.00 dBm 3.975 dBm Center Fre 5.370000000 GHZ PNO: Fast Trig: Free Run AvgType: Log-Pwr TRACE Od B/div Ref 20.00 dBm Compression Sense:INT Auto Tu
9 10 11
Miss Status Band Edge NVNT n40 5310MHz High Aglient Spectrum Analyzer - Swept SA Aglient Spectrum Analyzer - Swept SA Aglient Spectrum Analyzer - Swept SA Sense:INT ALIGN AUTO 04:14:43 AM May 17, 2024 Center Freq 5.370000000 GHz Trig: Free Run IFGain:Low Avg Type: Log-Pwr Avg Hold: 100/100 Trace Trig: Spectrum Analyzer - Swept SA Ref Offset 3.56 dB Mkr1 5.312 0 GHz 3.975 dBm Auto Tu 5.370000000 G 10 dB/div Ref 20.00 dBm Center Fr 5.370000000 G
Band Edge NVNT n40 5310MHz High Agient Spectrum Analyzer - Swept SA W RL RF 50 Q AC SENSE:INT ALIGN AUTO 04:14:43 AM May 17, 2024 Center Freq 5.370000000 GHz PNO: Fast → Trig: Free Run Avg Type: Log-Pwr Avg Hold: 100/100 Tryee Nummer Avg Hold: 100/100 Tryee Nummer Avg Hold: 100/100 Tryee Ref 20:00 dBm Center Free 3.56 dB Mkr1 5.312 0 GHz 3.975 dBm Center Fre 5.370000000 G
Agilent Spectrum Analyzer - Swept SA Frequency IM RF 50 Q AC SENSE:INT ALIGN AUTO 04:14:43 AM May 17, 2024 Frequency Center Freq 5.370000000 GHz PNO: Fast Frequency Trace 2.3.4.3.6 Frequency PNO: Fast Frequency AvglHold: 100/100 Trace 2.3.4.3.6 Auto Tu I Gener Freq 20.00 dBm 3.975 dBm Auto Tu Center Fr 5.370000000 GHZ 000 I
W RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:14:43 AM May 17, 2024 Frequency Center Freq 5.370000000 GHz PNO: Fast Trig: Free Run IFGain:Low Avg Type: Log-Pwr #Atten: 30 dB Avg Type: Log-Pwr Avg Hold: 100/100 Trice Frequency Auto Tu 10 dB/div Ref Offset 3.66 dB Mkr1 5.312 0 GHz 3.975 dBm Auto Tu 000 1 0 3.975 dBm Center Fr 5.370000000 GHZ
Center Fred 5.370000000 GHZ Trig: Free Run IFGain:Low Trig: Free Run #Atten: 30 dB Avg Hold: 100/100 TripE Auto Tu 10 dB/div Ref Offset 3.56 dB Mkr1 5.312 0 GHz 3.975 dBm Auto Tu 0 dB/div Ref 20.00 dBm Center Fr 5.37000000 GHZ 0 d0 1 1 1 1 1 1 0 d0 1
Ref Offset 3.56 dB MKPT 5.312 0 GHZ 10 dB/div Ref 20.00 dBm 3.975 dBm 10 0 1 6 10 0 1 5.37000000 GHZ
100 Center Fr 000 5.37000000 G
-10.0
-30.0 -40.0
-50.0 -60.0
-70.0 Stop 5.4700 GHz CF St
start 3.2700 GHz start 3.2700 GHz <thstart 3.2700="" ghz<="" th=""> <thstart 3.2700="" <="" ghz<="" td=""></thstart></thstart>
1 N 1 f 5.312.0 GHz 3.975 dBm 2 N 1 f 5.360.0 GHz -46.661 dBm Freq Offs 3 N 1 f 5.460.0 8 GHz -44.594 dBm Freq Offs
7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8



	Band E	dge NVNT a	c20 5260MHz	Low	
Agilent Spectrum Analyzer - Swept S X RL RF 50 Ω		SENSE:INT	ALIGN AUTO	03:56:27 AM May 17, 2024	
Center Freq 5.180000		Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN	Frequency
Ref Offset 3.56 10 dB/div Ref 20.00 dE	dB		Mkr	1 5.263 2 GHz 8.116 dBm	Auto Tune
10.0					Center Freq 5.18000000 GHz
-10.0				-27,00 dBm	Start Freq
-30.0		in mant - dilling dilation - to	Jah martin stall southers of martine and	www. Why	5.080000000 GHz
-50.0	newak, eta dina ku				Stop Freq 5.280000000 GHz
Start 5.0800 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 1.0	Stop 5.2800 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	Х		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f 4 5	5.263 2 GHz 5.150 0 GHz 5.108 0 GHz	8.116 dBm -47.119 dBm -43.648 dBm		=	Freq Offset 0 Hz
6 7 8 9				-	
10					
		III	2	•	
MSG					
		dge NVNT a	c20 5320MHz I	High	
	AC	SENSE:INT	ALIGN AUTO	03:59:41 AM May 17, 2024	Frequency
Center Freq 5.400000	IOOO GHZ PNO: Fast ↔ IFGain:Low	→ Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Auto Tune
Ref Offset 3.56 10 dB/div Ref 20.00 dE	dB 3m		Mkr	1 5.322 6 GHz 7.816 dBm	Auto Tune
10.0 0.00					Center Freq 5.40000000 GHz
-10.0				-27.00 dBm	Start Freq
-30.0 -40.0	2 3	م بالماية ويستهد روي الم	adarthanan paraphan (barkanan aralang	Algertung and and a second	5.300000000 GHz
-60.0					Stop Freq 5.50000000 GHz
Start 5.3000 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 1.0	Stop 5.5000 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	X		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f 4 5 5 5	5.322 6 GHz 5.350 0 GHz 5.368 8 GHz	7.816 dBm -46.289 dBm -45.244 dBm			Freq Offset 0 Hz
6 7 8 9					
10				*	

Edition: B.2



	Band	Edge NVNT	ac40 5270M	Hz Low	
Jeff Agilent Spectrum Analyzer - Swept SA		SENSE:INT	ALIGN AL	JTO 04:17:56 AM May 17, 2024	
Center Freq 5.2100000		Trin Free D	Avg Type: Log-F Avg Hold: 100/10	Wr TRACE 1 2 3 4 5	Frequency
Ref Offset 3.56 dB	в			Mkr1 5.275 8 GHz 4.223 dBm	Auto Tune
10.0				1	Center Freq
0.00			A CONTRACTOR OF	KUT CONTRACTION	5.210000000 GHz
-20.0				-27.00 dBm	Start Freq
-30.0					5.110000000 GHz
-50.0 which and a second second second	┶ <mark>ᢧᡗᡂᢛ᠕ᠵᡕᡆᡗᡖᡄ</mark> ᡣᢂᢩ᠆ᠬ᠕ᢣᠬᡐᡘᡣᡅ	delinder waard har h	month	Ling and a start of the start o	Stop Freq
-60.0					5.310000000 GHz
Start 5.1100 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Swee	Stop 5.3100 GHz 1.000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	x	Y	FUNCTION FUNCTION W	IDTH FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f	5.275 8 GHz 5.150 0 GHz 5.115 8 GHz	4.223 dBm -47.917 dBm -44.614 dBm			Freq Offset
4 5 6				E	0 Hz
7 8					
9 10 11					
MSG		III	r s	TATUS	
	Band		ac40 5310M		
📁 Agilent Spectrum Analyzer - Swept SA	Danu		ac40 5510101	12 High	
Center Freq 5.37000000	00 GHz	SENSE:INT	ALIGN AL Avg Type: Log-F	Wr TRACE 1 2 3 4 5	Frequency
	PNO: Fast • IFGain:Low	#Atten: 30 dB	Avg Hold: 100/10	DET P NNNN	
Ref Offset 3.56 dl 10 dB/div Ref 20.00 dBm Log	B n			Mkr1 5.315 8 GHz 3.965 dBm	
10.0	1				Center Freq
-10.0					5.370000000 GHz
-20.0				-27.00 dBm	Start Freq
-30.0 -40.0		23			5.270000000 GHz
-50.0	here week	hand all a second particular and a second	anatus as all montantic formers	uphtheynamicanterian	Stop Freq
					5.470000000 GHz
-70.0					
	#VB	W 3.0 MHz	Swee	Stop 5.4700 GHz 5 1.000 ms (1001 pts)	20.000000 MHz
-70.0 Start 5.2700 GHz #Res BW 1.0 MHz MKR MODE TRC SCL	X	Y	Swee	o 1.000 ms (1001 pts)	
-70.0 Start 5.2700 GHz #Res BW 1.0 MHz MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f		W 3.0 MHz Y 3.965 dBm -46.813 dBm -45.115 dBm		o 1.000 ms (1001 pts)	20.000000 MHz
-70.0 Start 5.2700 GHz #Res BW 1.0 MHz MKR MODE TRC SCL 1 N 2 N 3 N 1 f 3 N 4 - 5 -	× 5.315 8 GHz 5.350 0 GHz	Y 3.965 dBm -46.813 dBm		o 1.000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man
-70.0 Start 5.2700 GHz #Res BW 1.0 MHz Image: Constraint of the second	× 5.315 8 GHz 5.350 0 GHz	Y 3.965 dBm -46.813 dBm		o 1.000 ms (1001 pts)	20.000000 MHz Auto Man Freq Offset
-70.0 Start 5.2700 GHz #Res BW 1.0 MHz MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4 5 6 6 6 6 7	× 5.315 8 GHz 5.350 0 GHz	Y 3.965 dBm -46.813 dBm		o 1.000 ms (1001 pts)	20.000000 MHz Auto Man Freq Offset



Agilent Spectrum Analyzer - Swept SA Image: Spectrum Analyzer - Swept SA VM RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:26:11 AM May 17, 2024 Frequence Center Freq 5.205000000 GHz PN0: Fast Trig: Free Run Avg Type: Log-Pwr Trace II 2 3 4 5 d Frequence PN0: Fast Free Run Avg Type: Log-Pwr Trype I Ange II 2 3 4 5 d Frequence PN0: Fast Free Run Avg Type: Log-Pwr Trype I Ange II 2 3 4 5 d Frequence PN0: Fast Free Run Avg Type: Log-Pwr Trype II 2 3 4 5 d Frequence I 0 dB/div Ref Offset 3.55 dB Mkr1 5.292 74 GHz Auto Auto I 0 dB/div Ref 20.00 dBm Image:	;y	
Center Freq 5.205000000 GHz Avg Type: Log-Pwr Trig: Free Run Avg Type: Log-Pwr Trig: Pree Run Avg Type: Log-Pwr Trig: Tree Run Avg Type: Log-Pwr <th c<="" td=""><td></td></th>	<td></td>	
Ref Offset 3.55 dB Mkr1 5.292 74 GHz Auto 10 dB/div Ref 20.00 dBm 0.530 dBm Center 100 100 11 Center 5.20500000	Tune	
Log 1 Center 100 000 000 5.20500000		
0.00	From	
-20.0	Freq	
-30.0 -40.0	0 GHz	
-000 prince was a second and a		
-60.0 Stop 5.41000000	Freq	
-70.0	JGHZ	
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 41.00000		
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE	Man	
1 N 1 f 5.292 74 GHz 0.530 dBm 2 N 1 f 5.350 00 GHz -46.255 dBm 3 N 1 f 5.350 96 GHz -43.932 dBm Freq C	offset	
4 4 4 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 Hz	
MSG Lossatus		
Band Edge NVNT ac80 5290MHz Low		
M RL RF 50 Ω AC SENSE:INT ALIGN AUTO 04:25:35 AM May 17, 2024		
Center Freq 5.185000000 GHz PNO: Fast		
Ref Offset 3.55 dB Mkr1 5.314 87 GHz Auto 10 dB/diy Ref 20.00 dBm 0.669 dBm Auto	Tune	
100 Center	Fred	
0.00		
-20 0	Freq	
-30.0	0 GHz	
-50.0 warmen for the second and the		
-60.0 Stop 5.37000000	Freq 0 GHz	
-70.0		
#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 1.000 ms (1001 pts) 37.00000		
MKR_MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto 1 N 1 f 5.314.87 GHz 0.669 dBm 0.669	Man	
2 N 1 f 5.150 00 GHz 48.486 dBm 3 N 1 f 5.5054 39 GHz 44.868 dBm Freq C	offset	
	0 Hz	
8 9 9		

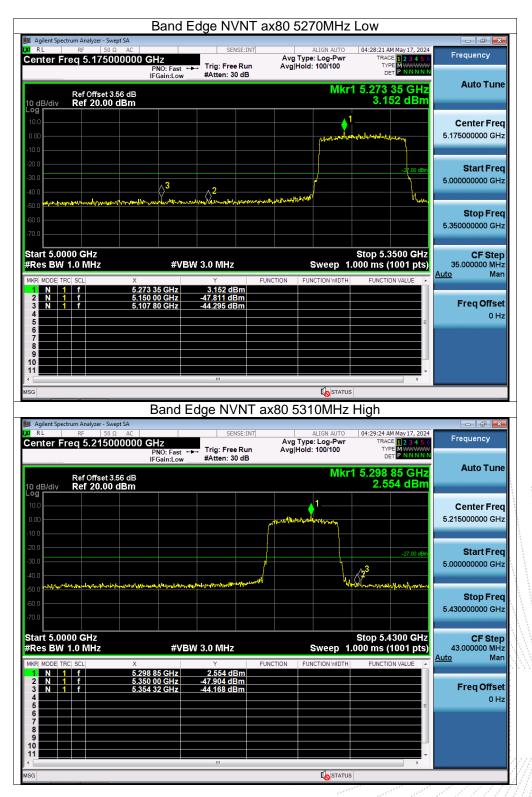


	Band E	Edge NVNT a	ax20 5260MHz	Low	
Agilent Spectrum Analyzer - Swep		SENSE:INT	ALIGN AUTO	04:06:57 AM May 17, 2024	
Center Freq 5.18000		► Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 3.5 10 dB/div Ref 20.00 d	6 dB		Mkr	1 5.263 0 GHz 9.077 dBm	Auto Tune
10.0 0.00				manufactoria y	Center Freq 5.18000000 GHz
-10.0				-27.)0 dBm	Start Freq
-30.0 -40.0	2		Withermont Martin and a company that and a	Jaho Mrsu	5.080000000 GHz
-50.0					Stop Freq 5.280000000 GHz
Start 5.0800 GHz #Res BW 1.0 MHz	#VBI	W 3.0 MHz	Sweep 1.0	Stop 5.2800 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	X	Y F	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f 4 5	5.263 0 GHz 5.150 0 GHz 5.111 2 GHz	9.077 dBm -47.346 dBm -45.312 dBm			Freq Offset 0 Hz
6 7 8 9					
10					
		III		Þ	
MSG					
ther -		dge NVNT a	ax20 5320MHz I	High	
Magilent Spectrum Analyzer - Swep KI RL RF 50 Ω	AC	SENSE:INT	ALIGN AUTO	04:09:51 AM May 17, 2024	Frequency
Center Freq 5.40000	0000 GHz PNO: Fast ← IFGain:Low	► Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Auto Tune
Ref Offset 3.5 10 dB/div Ref 20.00 d	6 dB Bm		Mkr	1 5.322 8 GHz 8.024 dBm	Autorune
10.0					Center Freq 5.40000000 GHz
-10.0				-27.00 dBm	Start Freq 5.30000000 GHz
-40.0	2	แนะการใจมีเหตุการณ์ไหร้ได้เกิดการการเป		3 her-Haupartelimberterierierie	Stop Freq
-70.0					5.500000000 GHz
Start 5.3000 GHz #Res BW 1.0 MHz		W 3.0 MHz		Stop 5.5000 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL	× 5.322 8 GHz	8.024 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f 4 5	5.350 0 GHz 5.462 0 GHz	-46.672 dBm -45.143 dBm			Freq Offset 0 Hz
6 7 8 9					
6 7 8					



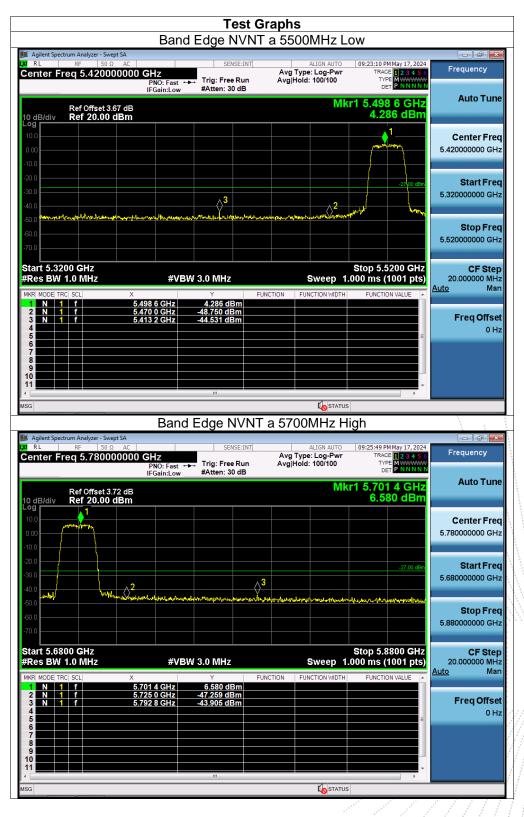
	Band E	dge NVNT a	x40 5270MHz l	_OW	
Agilent Spectrum Analyzer - Swep LXI RL RF 50 Ω		SENSE:INT	ALIGN AUTO	04:22:18 AM May 17, 2024	
Center Freq 5.21000	0000 GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 3.5 10 dB/div Ref 20.00 d	i6 dB		Mkr	1 5.258 8 GHz 5.601 dBm	Auto Tune
10.0			↓ 1		Center Freq
0.00			man man	www.	5.210000000 GHz
-10.0					Otert Eren
-30.0	2			-27.00 dBm	Start Freq 5.110000000 GHz
-40.0	2 mm.ell.m.m.	when an other of the second	wheelingenetation	Hormonyou	
-60.0					Stop Freq 5.31000000 GHz
-70.0					9.51000000 GH2
Start 5.1100 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz		Stop 5.3100 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	× 5.258 8 GHz	Y FU 5.601 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.150 0 GHz 5.149 2 GHz	-47.815 dBm -45.090 dBm			Freq Offset
4 5 6				=	0 Hz
7 8					
9 10 11					
		III	di arana	•	
MSG	Pond E		x40 5310MHz H	liab	
Agilent Spectrum Analyzer - Swep		uge norm a	X40 55 1010112 1	ngri	
RL RF 50 Ω Center Freq 5.37000		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	04:23:41 AM May 17, 2024 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ↔ IFGain:Low	#Atten: 30 dB	Avg Hold: 100/100	TYPE MWWWWW DET PNNNNN	
Ref Offset 3.5 10 dB/div Ref 20.00 d	6 dB IBm		Mkr	1 5.318 2 GHz 4.672 dBm	Auto Tune
10.0	1				Center Freq
0.00					5.370000000 GHz
-20.0				-27.00 dBm	Start Freq
-30.0		_2			5.270000000 GHz
-40.0 -50.0	Why Maphene	mar and the second stranger	witherestreamballion	whaten and the management	
-60.0					Stop Freq 5.470000000 GHz
-70.0					
Start 5.2700 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 1.0	Stop 5.4700 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz Auto Man
MKR MODE TRC SCL	× 5.318 2 GHz	4.672 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f 4	5.350 0 GHz 5.376 2 GHz	-46.997 dBm -44.861 dBm			Freq Offset
4 5 6				=	0 Hz
7 8					
9 10 11					
MSG		m	I STATUS	•	
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		







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





	Band	Edge NVNT	n20 5500MHz l	_ow	
Agilent Spectrum Analyzer - Swe		SENSE:INT		00-20-12 PMM 17 2024	
Center Freq 5.4200			ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	09:28:13 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 3. 10 dB/div Ref 20.00	67 dB		Mkı	1 5.503 4 GHz 4.159 dBm	Auto Tune
				1	Center Freq 5.42000000 GHz
-10.0					
-30.0				27 D0 dBm	Start Freq 5.320000000 GHz
-50.0	อุปปาร์มมาสารุปไปที่จะสาราสีมาสารุปไปไปการ	ahon-harmanterinterinata-aho	ส ^า ะสุ่งขาะสุขสีขากา _{น (} สไป แรงสารมา) ไว้ค่ะเขา ⁽¹¹ )		<b>Stop Freq</b> 5.52000000 GHz
Start 5.3200 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 1.	Stop 5.5200 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	X	Y F 4.159 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f 4 5	5.503 4 GHz 5.470 0 GHz 5.468 8 GHz	4.139 dBm -46.282 dBm -45.272 dBm			<b>Freq Offset</b> 0 Hz
6 7 8 9					
10				-	
MSG	· · · · · ·	III		4	
mag	David		_	l' al-	
🚺 Agilent Spectrum Analyzer - Swe		Edge NVNT	n20 5700MHz H	lign	- 6 -
RL RF 50 G Center Freq 5.7800	AC 00000 GHz PNO: Fast	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	09:31:02 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 3. 10 dB/div Ref 20.00		#Atten: 30 dB	Mkı	1 5.698 6 GHz 6.696 dBm	Auto Tune
10.0					Center Freq
-10.0					5.780000000 GHz
-20.0				-27.00 dBm	<b>Start Freq</b> 5.680000000 GHz
-40.0 -50.0	ally nor when a for a star providence of the		of the word want for a war war war and	hallandallaunnanna	
-60.0					<b>Stop Freq</b> 5.88000000 GHz
Start 5.6800 GHz	#VB	W 3.0 MHz	Sweep 1.	Stop 5.8800 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz Auto Man
#Res BW 1.0 MHz				FUNCTION VALUE	Mato Wan
MKR MODE TRC SCL	Х		UNCTION FUNCTION WIDTH	POINCTION VALUE	
MKR MODE TRC SCL 1 N 1 f 2 N 1 f 3 N 1 f 4		Y F 6.696 dBm -45.983 dBm -42.910 dBm	UNCTION FUNCTION WIDTH	FONCTION VALUE	Freq Offset 0 Hz
MKR         MODE         TRC         SCL           1         N         1         f           2         N         1         f           3         N         1         f           4         5         6         6           7         8         8         8	× 5.698 6 GHz 5.725 0 GHz	6.696 dBm -45.983 dBm	UNCTION FUNCTION WIDTH	PONC HON VALUE	
MKR         MODE         TRC         SCL           1         N         1         f           2         N         1         f           3         N         1         f           4	× 5.698 6 GHz 5.725 0 GHz	6.696 dBm -45.983 dBm	UNCTION FUNCTION WIDTH		



Agilent Spectrum Analyzer - Sw         RL       RF       50         Center Freq 5.4500	vept SA Ω AC	SENSE:INT	n40 5510MHz	09:50:12 PM May 17, 2024	Frequency
	PNO: Fast • IFGain:Low	→ Trig: Free Run #Atten: 30 dB	Avg Hold: 100/100		
Ref Offset 3 0 dB/div Ref 20.00	8.67 dB dBm		Mk	r1 5.512 8 GHz 1.709 dBm	Auto Tun
.og				<u>_1</u>	Center Fre
0.00			and the state of t	And the second s	5.450000000 GH
10.0					
30.0				-27.00 dBm	Start Fre 5.35000000 GH
40.0		<b>3</b>	2 monoment	University of the second secon	
50.0	helatthine or introduced and the head	White Manuscratter and	Policy and and the second second		Stop Fre
70.0					5.550000000 GH
tart 5.3500 GHz Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 1	Stop 5.5500 GHz .000 ms (1001 pts)	CF Ste 20.000000 MH
IKR MODE TRC SCL	Х	Y F	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Ma
1 N 1 f 2 N 1 f 3 N 1 f	5.512 8 GHz 5.470 0 GHz	1.709 dBm -46.606 dBm 45 460 dBm			Freq Offse
3 N 1 f 4 5	5.428 2 GHz	-45.460 dBm		Ξ.	0 H
6 7					
8					
10					
SG			STATUS	3	
· · · ·	Band	Edge NVNT	n40 5670MHz	High	
	Ω AC	SENSE:INT	ALIGN AUTO	09:52:56 PM May 17, 2024	
enter Freq 5.7300	000000 GHz	Trig: Erec Burn	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast	Trig: Free Run	Avg Hold: 100/100	DET P NNNN	
D.( 05-4/	PNO: Fast • IFGain:Low	#Atten: 30 dB			Auto Tun
Ref Offset 3 0 dB/div Ref 20.00	PNO: Fast IFGain:Low			r1 5.675 0 GHz 3.930 dBm	Auto Tun
0 dB/div Ref 20.00	PNO: Fast IFGain:Low			r1 5.675 0 GHz	
0 dB/div Ref 20.00	PNO: Fast IFGain:Low			r1 5.675 0 GHz	Center Fre
0 dB/div Ref 20.00	PNO: Fast IFGain:Low			r1 5.675 0 GHz 3.930 dBm	Center Fre 5.730000000 GH
0 dB/div Ref 20.00	PNO: Fast IFGain:Low			r1 5.675 0 GHz	Center Fre 5.73000000 GH Start Fre
0 dB/div Ref 20.00 0 d 10 0 10 0 20 0 20 0 40 0 10 0 10 10 0 10 0 1	PNO: Fast IFGain:Low	#Atten: 30 dB		r1 5.675 0 GHz 3.930 dBm	Center Fre 5.73000000 GH Start Fre
0 dB/div Ref 20.00 0 d 10 0 10 0 20 0 20 0 40 0 10 0 10 10 0 10 0 1	PNO: Fast IFGain:Low	#Atten: 30 dB		r1 5.675 0 GHz 3.930 dBm	Center Fre 5.73000000 GH Start Fre 5.63000000 GH Stop Fre
0 dB/div Ref 20.00 0 d 0 dB/div Ref 20.00 0 d 0 d 0 d 0 d 0 d 0 d 0 d 0	PNO: Fast IFGain:Low	#Atten: 30 dB		r1 5.675 0 GHz 3.930 dBm	Center Fre 5.73000000 GH Start Fre 5.63000000 GH Stop Fre
0 dB/div Ref 20.00 0 dB/div Ref 20.00 0 00 0 0 0 00 0 0	PN0: Fast IFGain:Low	#Atten: 30 dB	Kulli Jipegini Pecilipi Speneral Jeden zani	r1 5.675 0 GHz 3.930 dBm	Center Fre 5.73000000 GH Start Fre 5.63000000 GH Stop Fre 5.83000000 GH
0 dB/div Ref 20.00 0 dB/div Ref 20.00 0 db (10 b) 0 db	PN0: Fast IFGain:Low	#Atten: 30 dB	Kulli Jipegini Pecilipi Speneral Jeden zani	1 5.675 0 GHz 3.930 dBm	Center Fre 5.73000000 GH Start Fre 5.63000000 GH Stop Fre 5.83000000 GH CF Ste 20.00000 MH
0 dB/div Ref 20.00 0 db/d	PN0: Fast - IFGain:Low 3.72 dB 4.10 4.10 5.75 0 GHz 5.75 0 GHz	#Atten: 30 dB	Mk	Stop 5.8300 GHz 0.000 ms (1001 pts)	
0 dB/div Ref 20.00 0 dB/div Ref 20.00 0 db / f / f / f / f / f / f / f / f / f /	PN0: Fast - IFGain:Low 3.72 dB 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1	#Atten: 30 dB	Mk	xr1 5.675 0 GHz 3.930 dBm 	Center Free 5.73000000 GH Start Free 5.63000000 GH Stop Free 5.830000000 GH CF Stej 20.00000 MH <u>Auto</u> Mai
0 dB/div Ref 20.00 0 dB/div Ref 20.00 0 db / 0 db /	PN0: Fast - IFGain:Low 3.72 dB 4.10 4.10 5.75 0 GHz 5.75 0 GHz	#Atten: 30 dB	Mk	Stop 5.8300 GHz 0.000 ms (1001 pts)	Center Fre 5.73000000 GH Start Fre 5.63000000 GH Stop Fre 5.83000000 GH CF Ste 20.00000 MH <u>Auto</u> Ma Freq Offse
0 dB/div Ref 20.00 0 dB/div Ref 20.00 0 db / f / f / f / f / f / f / f / f / f /	PN0: Fast - IFGain:Low 3.72 dB 4.10 4.10 5.75 0 GHz 5.75 0 GHz	#Atten: 30 dB	Mk المراب المرابع المراب المرابع Sweep 1	xr1 5.675 0 GHz 3.930 dBm 	Center Fre 5.73000000 GH Start Fre 5.63000000 GH Stop Fre 5.83000000 GH CF Ste 20.00000 MH <u>Auto</u> Ma Freq Offse
0 dB/div Ref 20.00 0 dB/div Ref 20.00 0 d0 0	PN0: Fast - IFGain:Low 3.72 dB 4.10 4.10 5.75 0 GHz 5.75 0 GHz	#Atten: 30 dB	Mk المراب المرابع المراب المرابع Sweep 1	xr1 5.675 0 GHz 3.930 dBm 	Center Free 5.73000000 GH Start Free 5.63000000 GH Stop Free 5.83000000 GH CF Stej 20.00000 MH



	Band I	Edge NVNT a	c20 5500MHz L	_OW	
Agilent Spectrum Analyzer - Sw		SENSE:INT	ALIGN AUTO	09:33:09 PM May 17, 2024	
Center Freq 5.4200		Trin Free Day	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN	Frequency
Ref Offset 3	.67 dB		Mkr	1 5.502 4 GHz 4.361 dBm	Auto Tune
10.0				1	Center Freq
0.00				Materia Part Will	5.420000000 GHz
-10.0					
-30.0				-27.00 dBm	Start Freq 5.32000000 GHz
-40.0	n + marenesempreten prop		2	work Warkey	
-60.0					<b>Stop Freq</b> 5.52000000 GHz
-70.0					5.52000000 GH2
Start 5.3200 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz		Stop 5.5200 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	× 5.502 4 GHz	Y FL 4.361 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.470 0 GHz 5.415 0 GHz	-48.208 dBm -44.465 dBm			Freq Offset
4 5 6				Ξ	0 Hz
7 8					
9 10 11					
A CONTRACTOR OF A CONTRACTOR A CONTRACT		III		4	
	Band F	dae NVNT a	c20 5700MHz H	liah	
Agilent Spectrum Analyzer - Sw	ept SA				- 6 -
Center Freq 5.7800		SENSE:INT → Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	09:35:45 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N N	Frequency
Ref Offset 3 10 dB/div Ref 20.00	.72 dB		Mkr	1 5.701 8 GHz 6.854 dBm	Auto Tune
					Center Freq
0.00					5.780000000 GHz
-10.0					
-30.0	2			-27.00 dBm	Start Freq 5.68000000 GHz
-40.0	Washington and the second s	span province and a particular	3	**************************************	
-60.0					<b>Stop Freq</b> 5.88000000 GHz
-70.0					0.000000000000
Start 5.6800 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz		Stop 5.8800 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz Auto Man
MKR MODE TRC SCL	X 5 701 8 GHz		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.701 8 GHz 5.725 0 GHz 5.834 4 GHz	6.854 dBm -45.580 dBm -44.531 dBm			Freq Offset
4 5 6				Ξ	0 Hz
7					
8					
9 10					
9		III	STATUS	*	



A point of the second of the s		Band E	dge NVNT a	c40 5510MHz L	.ow	
Center Freq 5.4500000000 GHz Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Productor Pro			CENCEJINE		00-EE-20 DM May 17, 2024	- 6 ×
Ref Offset 367 dB       Mikr 1 5.514 3 GHz         Nitr 1 5.514 3 GHz         12.6       1.172 dBm       1.172 dBm         12.6       3       2       1.172 dBm         12.6       3       2       1.172 dBm       5.4500000 GHz         3.0       3       2       1.172 dBm       5.5500 GHz         5.5500 GHz       #VEW 3.0 MHz       Sveep 1.000 m (1001 pts)       2.000000 MHz         3.1       1       5.514 8 0 Hz       1.172 dBm       1.172 dBm         3.1       1       5.514 8 0 Hz       1.172 dBm       1.172 dBm         3.1       1       5.514 8 0 Hz       1.172 dBm       1.172 dBm         3.1       1       5.514 8 0 Hz       1.172 dBm       1.172 dBm         4.172 dBm       1.172 dBm       1.172 dBm       1.172 dBm       1.172 dBm         13.1       1       5.514 8 0 Hz       1.172 dBm       1.172 dBm       1.172 dBm         14.1       5.538 2 GHz       1.172 dBm       1.172 dBm       1.172 dBm       1.172 dBm       1.172 dBm         14.1       5.338 2 GHz       1.172 dBm       1.172 dBm <td></td> <td>0000 GHz PNO: 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>		0000 GHz PNO: Fast ↔	, Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
1000       1       1       1       1       5.45000000 GHz         300       3       3       3       3       3       5.500 GHz         310       3       3       5.500 GHz       Stop Freq       5.500 GHz         310       5       5.544 GHz       1.72 GHZ       Stop 5.5500 GHz       20.00000 GHz         311       1       5.544 GHz       1.72 GHZ       Stop 5.5500 GHz       20.00000 GHz         311       1       5.544 GHz       1.72 GHZ       Stop 5.5500 GHz       20.00000 GHz         311       1       5.544 GHz       1.72 GHZ       Stop 5.5500 GHz       20.00000 GHz         311       1       5.544 GHz       1.72 GHZ       FIRCTON	10 dB/div Ref 20.00 d	7 dB		Mkr1		Auto Tune
1130       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1					1	Center Freq
000       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0				(management free	AND LINARIAN	5.450000000 GHz
400       3       3       2       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400       400 <td>-20.0</td> <td></td> <td></td> <td></td> <td>-27.00 dBm</td> <td>Start Freq</td>	-20.0				-27.00 dBm	Start Freq
Stop       Freq       Stop       Stop       Stop       Freq       Stop       Stop       Freq       Stop       Stop       Freq       Stop       Stop       Freq       Stop       Stop       Stop       Freq       Stop		3		2		5.350000000 GHz
23		made allowing and an article of the second	geven ppeterson allowed and	had the share	www./www.h	Stop Freq
#Res BW 1.0 MHz       #VBW 3.0 MHz       Sweep 1.000 ms (1001 pts)       20.00000 MHz         MRR WODE TRC SCL       X       Y       FUNCTION       FUNCTION WOLTH       FUNCTION WALLE       Auto       Man         2       N       1       5.514.8 GHz       1.72 dBm       FUNCTION       FUNCTION WALLE       Freq Offset       0 Hz         2       N       1       5.514.8 GHz       -44.70 dBm       Function       Function Walle       Freq Offset         2       N       1       5.514.8 GHz       -44.70 dBm       Function       Function Walle       Freq Offset         3       N       1       5.516.8 GHz       -44.70 dBm       Function						5.550000000 GHz
INRE NOGE TRC SCL         X         Y         FUNCTION         FUNCTION         FUNCTION VALUE         Freq Offset           2         N         1         5.514.8 GHz         47.20 Bm         1.172 Bm         For Control Number		#VBV	V 3.0 MHz			20.000000 MHz
2       N       1       f       5470 0 CHz       46.93 dBm         3       N       1       f       5.399 2 CHz       44.706 dBm       0 Hz         9       0       0       0       0       0 Hz       0 Hz         9       0       0       0       0       0 Hz       0 Hz         9       0       0       0       0       0 Hz       0 Hz         9       0       0       0       0       0 Hz       0 Hz         9       0       0       0       0       0 Hz       0 Hz         9       0       0       0       0       0 Hz				NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
Auto Tune Center Freq 5.730000000 GHz FRG inter in the inter int	2 N 1 f	5.470 0 GHz	-46.893 dBm			Freq Offset
7       9       1	4 5					0 Hz
Aglent Spectrum Analyzer - Sweet SA Band Edge NVNT ac40 5670MHz High Preduction Analyzer - Sweet SA Preduction Control of the sector of the	7 8					
Ministree         Band Edge NVNT ac40 5670MHz High         Agilent Spectrum Analyzer - Sweet SA         SENSE:INT       ALIGN AUT       ID01:45 PM May 17, 2021         Frequency         PRO: Fast       Frequency         PRO: Fast       Frequency         PRO: Fast       Frequency         PRO: Fast       Frequency         Ref Offset 372 dB       Mkr1 5.678 8 GHz         Center Freq       Conter Freq         0 dB/div       Ref Offset 372 dB       Mkr1 5.678 8 GHz         Center Freq       Conter Freq         0 dB/div       Ref Offset 372 dB       Mkr1 5.678 8 GHz         Center Freq       Center Freq         0 dB/div       Center Freq         0 dB/div       Center Freq         0 dV/div       Center Freq         0 dV/div       Center Freq         0 dV/div       Center Freq         0 dV/div       Center Freq	10					
Band Edge NVNT ac40 5670MHz High           Aglent Spectrum Analyzer - Swegt SA         Allon AUTO         ID01:45 PM May 17, 2024           Center Freq 5.730000000 GHz         Trig: Free Run         Auto NUTO         Trace 2.23 45         Frequency           PMO: Frat - Freq 5.730000000 GHz         Trig: Free Run         Aug Type: Log-Pwr         Trig: Free Run         Aug Type: Log-Pwr         Trig: Free Run         Auto Tune           10 dB/div         Ref Offset 3.72 dB         Mkr1 5.678 8 GHz         Gener Freq         Start Freq           10 dB/div         Ref Offset 3.72 dB         Mkr1 5.678 8 GHz         Start Freq           10 dB/div         Ref Offset 3.72 dB         Start Freq         Start Freq         Start Freq           20 dB/div         Ref Offset 3.72 dB         Start Freq         Start Freq         Start Freq           10 dB/div         Ref Offset 3.72 dB         YEW 3.0 MHz         Stop 5.8300 GHz         Stop Freq           20 db         Stop 5.8300 GHz         Stop 5.8300 GHz         CF Step         20 000000 MHz           20 db         X M T f         6.728 6 GHz         4.034 dBm         Function width Function width Function water         CF Step           20 000000 MHz         X Mar         Function Midth Function width Function water         Freq Offset	∢ [		III		Þ	
Aglent Spectrum Analyzer - Swept SA       Context Freq 5.73000000 GHz       Frequency         Maglent Spectrum Analyzer - Swept SA       SenSE:INT       ALIGN AUTO       Io:01:45 PM May 17, 2024         Center Freq 5.73000000 GHz       Trig: Free Run IFGain:Low       Trig: Free Run AvgIhoid: 100/100       Nix Trig: Frequency       Auto Tune         Ref Offset 3.72 dB       Mkr1 5.678 8 GHz       Gen automatication       Center Freq 5.73000000 GHz       Center Freq 5.73000000 GHz         100 BJ/IV       Ref Offset 3.72 dB       Mkr1 5.678 8 GHz       Start Freq 5.63000000 GHz         100 BJ/IV       Ref Offset 3.72 dB       Mkr1 5.678 8 GHz       Start Freq 5.63000000 GHz         200 BJ       Center Freq 5.730000000 GHz       Start Freq 5.63000000 GHz       Start Freq 5.63000000 GHz         300 BJ       Start Freq 5.6300 GHz       Stop 5.8300 GHz       Stop Freq 5.83000000 GHz         1 N       1 f       5778 6 GHz       4034 dBm       Function winth Function water       Freq Offset 0 Hz         1 N       1 f       5778 6 GHz       4034 dBm       Function winth Function water       Freq Offset 0 Hz         1 N       1 f       5778 6 GHz       4034 dBm       Function winth Function water       Freq Offset 0 Hz         1 N       1 f       5778 6 GHz       4034 dBm       Function winth Function water		Band E	dae NIV/NT a	<b>_</b>	liah	
Center Freq 5.730000000 GHz PN0: Fast         Trig: Frequency Trig: Frequency         Avg Type: Log-Pwr Avg Hold: 100/100         Type: Log-Pwr PFF         Auto Tune           10         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	🎉 Agilent Spectrum Analyzer - Swep				iigii	
Number of Offset 3.72 dB       Mkr1 5.678 8 GHz 4.034 dBm       Auto Tune         0 gB/div       Ref 20.00 dBm       1       Center Freq 5.73000000 GHz         200		0000 GHz		Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 3.72 dB       MIKT 15.878 8 GHZ         10 dB/div       Ref 20.00 dBm       4.034 dBm         10 dB/div       1       1       1         10 dB/div       1       1       1       1         10 dB/div       1       1       1       1       1         10 dB/div       1       1       1       1       1       1         10 dB/div       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       5       1       1       1       1       1       1       1       1       1       1       1       5       1       1       1       1       5       1       1       1       1       5       1       1       1       1       1       1       5       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>Auto Tune</td></t<>						Auto Tune
100       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	10 dB/div Ref 20.00 d	2 dB Bm		WIKF		
10.0	10.0	1				
300       3       3       500       55000000 GHz         400       3       400       56300 GHz       55000000 GHz         500       500       5500 GHz       55000000 GHz         500       5500 GHz       5500 GHz       55000000 GHz         500       5578 S GHz       4034 dBm       5678 S GHz       5678 S GHz         1       1       1       5725 0 GHz       46974 dBm       1         2       1       1       5728 GHz       46974 dBm       1         3       1       1       5728 GHz       433.899 dBm       1       1         1       1       1       5728 GHz       433.899 dBm       1       1         1       1       1       5728 GHz       433.899 dBm       1       1       1         1       1       1       5728 GHz       433.899 dBm       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <td></td> <td></td> <td></td> <td></td> <td></td> <td>5.730000000 GHz</td>						5.730000000 GHz
40.0       3       5.53000000 GH2         50.0       5.53000000 GH2         60.0       5.53000000 GH2         70.0       5.5300 GHz         Start 5.6300 GHz       #VBW 3.0 MHz         Start 5.6300 GHz       #VBW 3.0 MHz         Start 5.6300 GHz       5.725 0 GHz         4       5.725 0 GHz         2       1         1       1         2       1         1       1         5.728 GHz       43.899 dBm         4       6         6       6         7       6         8       6         9       1         10       1         11       1         10       1         11       1         10       1         11       1         11       1         11       1					-27.00 dBm	
-0.0	.40.0					5.63000000 GHz
70.0     Start 5.6300 GHz     Stop 5.8300 GHz     Stop 5.8300 GHz     CF Step 20.000000 MHz       #Res BW 1.0 MHz     #VBW 3.0 MHz     Sweep 1.000 ms (1001 pts)     Auto     Man       1     N     1     f     5.6788 GHz     4.034 dBm     Function Value     Freq Offset       2     N     1     f     5.728 GHz     46.974 dBm     Function Value     Freq Offset       3     N     1     f     5.728 GHz     43.899 dBm     GHz     GHz       4     6     G     G     G     GHz     GHz     GHz       9     G     G     G     G     GHz     GHz     GHz       10     1     G     GHz     GHz     GHz     GHz     GHz       11     G     GHZ     GHZ     GHZ     GHZ     GHZ     GHZ       11     GHZ     GHZ     GHZ     GHZ     GHZ     GHZ     GHZ       11     GHZ     GHZ     GHZ     GHZ     GHZ     GHZ     GHZ	-50.0		week made which and a share a s	<del>มเขียวสาวปฏะปีในปนปรณสมุลสมใหญ่ไ</del> ปใ	Mananananakanahanahanahanah	Stop Freq
#Res BW 1.0 MHz     #VBW 3.0 MHz     Sweep 1.000 ms (1001 pts)       MKR MODE TRC SCL     X     Y       1     N     1       1     N     1       1     N     1       5     -       6     -       7     -       8     -       9     -       10     -       11     -						5.830000000 GHz
MRR MODE TRC SCI     X     Y     FUNCTION     FUNCTION WIDTH     FUNCTION VALUE       1     N     1     f     5.678 8 GHz     4.034 dBm       2     N     1     f     5.725 0 GHz     46.974 dBm       3     N     1     f     5.728 6 GHz     -46.974 dBm       4     -     -     -     -       5     -     -     -     -       6     -     -     -     -       8     -     -     -     -       9     -     -     -     -       10     -     -     -     -       11     -     -     -     -		#VBV	V 3.0 MHz			20.000000 MHz
2       N       1       f       5.725 0 GHz       -46.974 dBm         3       N       1       f       5.728 6 GHz       -43.899 dBm         4       -       -       -       -       -         6       -       -       -       -       0 Hz         6       -       -       -       -       -       0 Hz         9       -       -       -       -       -       0 Hz         10       -       -       -       -       -       -       -         11       -       -       -       -       -       -       -       -				NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
4 0 0 Hz 5 0 Hz 6 0 0 Hz 7 0 0 Hz 8 0 0 Hz 9 0 0 0 Hz 10 0 0 Hz 11 0 0 0 Hz 11 0	2 N 1 f	5.725 0 GHz	-46.974 dBm			Freq Offset
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 5				=	0 Hz
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	7 8					
	9 10					
	MSG		m	<b>I</b> STATUS	•	



	Band	Edge NVN	Г ас80 5530MHz	High	
Magilent Spectrum Analyzer - Swept SA		SENSE:IN	T ALIGN AUTO	10:10:31 PM May 17, 2024	- F X
Center Freq 5.72500000	00 GHz PNO: Fast IFGain:Low		Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N	Frequency
Ref Offset 3.68 dE 10 dB/div Ref 20.00 dBm	3		Mki	r1 5.520 40 GHz 0.746 dBm	Auto Tune
10.0 10.0					Center Freq
0.00					5.725000000 GHz
-20.0				-27.00 dBm	Start Freq
-40.0	What has	3			5.45000000 GHz
-50.0 Mail 1	MAN MAN	ing a to be and a fail and	the many model sport from the spectrum of	hall alternational and a second state	Stop Freq
-70.0					6.00000000 GHz
Start 5.4500 GHz #Res BW 1.0 MHz	#VI	BW 3.0 MHz	Sweep 1	Stop 6.0000 GHz I.000 ms (1001 pts)	CF Step 55.000000 MHz
MKR MODE TRC SCL >	.520 40 GHz	۲ 0.746 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 55 3 N 1 f 55 4	.725 00 GHz .727 20 GHz	-47.254 dBm -43.870 dBm			Freq Offset 0 Hz
5 6 7				E	0 THE
8 9 10					
MSG			<b>K</b> STATU		
liter -	Band	Edge NVN	T ac80 5530MHz	z Low	
Agilent Spectrum Analyzer - Swept SA           R L         RF         50 Ω         AC		SENSE:IN		10:09:31 PM May 17, 2024	Frequency
Center Freq 5.5100000	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N N	
	IFGain:Low	#Atten: 30 dB			
Ref Offset 3.68 dE	IFGain:Low	#Atten: 30 dB	M	kr1 5.534 6 GHz 1.311 dBm	Auto Tune
10 dB/div Ref 20.00 dBm	IFGain:Low	#Atten: 30 dB	MI	kr1 5.534 6 GHz	Center Freq
10 dB/div Ref 20.00 dBm	IFGain:Low	#Atten: 30 dB	M	kr1 5.534 6 GHz	
10 dB/div Ref 20.00 dBm Log 10.0 -10.0 -20.0	IFGain:Low		MI 1	kr1 5.534 6 GHz	Center Freq 5.51000000 GHz Start Freq
10 dB/div Ref 20.00 dBm 10 dB/div	IFGain:Low		MI	kr1 5.534 6 GHz 1.311 dBm	Center Freq 5.51000000 GHz
10 dB/div Ref 20.00 dBm 10 0 10 0 10 0 -10 0 -20.0 -30.0 -40.0	IFGain:Low		MI Junious, prising and a second seco	kr1 5.534 6 GHz 1.311 dBm	Center Freq 5.51000000 GHz Start Freq 5.410000000 GHz Stop Freq
10.0 dB/div Ref 20.00 dBm 10.0 0.00 10.0 0.00 10.00 10.00 10.00 10.00 10.00 10.00 10.00 1	IFGain:Low		MI	kr1 5.534 6 GHz 1.311 dBm	Center Freq 5.51000000 GHz Start Freq 5.410000000 GHz
10 dB/div Ref 20.00 dBm 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0			1	kr1 5.534 6 GHz 1.311 dBm	Center Freq 5.51000000 GHz Start Freq 5.41000000 GHz Stop Freq 5.61000000 GHz CF Step 20.00000 MHz
10.487/div Ref 20.00 dBm 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	IFGein:Low	3W 3.0 MHz	1	kr1 5.534 6 GHz 1.311 dBm 	Center Freq 5.51000000 GHz Start Freq 5.410000000 GHz 5.610000000 GHz CF Step
10.48/div Ref 20.00 dBm 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	IFGain:Low	part and a second secon	Sweep 1	kr1 5.534 6 GHz 1.311 dBm -27 00 dBm -27 00 dBm -4 -27 0 -27 0	Center Freq 5.51000000 GHz Start Freq 5.41000000 GHz Stop Freq 5.61000000 GHz CF Step 20.00000 MHz <u>Auto Man</u>
10.48/div Ref 20.00 dBm 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	IFGain:Low ها ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰	3W 3.0 MHz	Sweep 1	kr1 5.534 6 GHz 1.311 dBm -27 00 dBm -27 00 dBm -4 -27 0 -27 0	Center Freq 5.51000000 GHz Start Freq 5.410000000 GHz 5.610000000 GHz CF Step 20.000000 MHz Auto Man
10 dB/div       Ref 20.00 dBm         10 0	IFGain:Low ها ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰	3W 3.0 MHz	Sweep 1	kr1 5.534 6 GHz 1.311 dBm -27 00 dBm -27 00 dBm -4 -27 0 -27 0	Center Freq 5.51000000 GHz Start Freq 5.41000000 GHz Stop Freq 5.61000000 GHz CF Step 20.00000 MHz <u>Auto Man</u>
10.4B/div       Ref 20.00 dBm         10.0	IFGain:Low ها ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰	3W 3.0 MHz	Sweep 1	kr1 5.534 6 GHz 1.311 dBm -27 00 dBm -27 00 dBm -4 -27 0 -27 0	Center Freq 5.51000000 GHz Start Freq 5.41000000 GHz Stop Freq 5.61000000 GHz CF Step 20.00000 MHz <u>Auto Man</u>



Band E	Edge NVNT a	x20 5500MHz Lo	W	
Milent Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN AUTO 09:	43:48 PM May 17, 2024	
Center Freq 5.420000000 GHz PN0: Fast ← IFGain:Low	► Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	Frequency
Ref Offset 3.67 dB 10 dB/div Ref 20.00 dBm		Mkr1 {	.497 6 GHz 6.828 dBm	Auto Tune
			<b>↓</b> 1	Center Freq
0.00			Anthenhering	5.42000000 GHz
-10.0				
-20.0			-27.00 dBm	Start Freq
-40.0		03 02		5.320000000 GHz
-50.0 port-way by the branch and the second and a branch	logalizzation in the second second descent	and the second and the second and the second		Stop Freq
-60.0				5.52000000 GHz
Start 5.3200 GHz		Sto	p 5.5200 GHz	CF Step
	N 3.0 MHz	Sweep 1.000		20.000000 MHz <u>Auto</u> Man
MKR         MODE         TRC         SCL         X           1         N         1         f         5.497 6 GHz           2         N         1         f         5.470 0 GHz	6.828 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 5.470 0 GHz 3 N 1 f 5.440 8 GHz 4	-47.286 dBm -45.598 dBm			Freq Offset 0 Hz
5			E	0112
7 8 9				
10				
MSG	m		•	
	dae NVNT a	x20 5700MHz Hig	1h	
📁 Agilent Spectrum Analyzer - Swept SA				
Image: RL         RF         50 Ω         AC         Image: AC	SENSE:INT → Trig: Free Run #Atten: 30 dB	ALIGN AUTO 09: Avg Type: Log-Pwr Avg Hold: 100/100	46:20 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N	Frequency
Ref Offset 3.72 dB		Mkr1 {	.699 0 GHz 9.075 dBm	Auto Tune
				Center Freq
0.00				5.78000000 GHz
-10.0				
-20.0			-27.00 dBm	Start Freq 5.68000000 GHz
-40.0	a hite Annual autobality for	and the second state of the second		
-50.0			<u>ฟสตาวๆ-สมาชยสงคมสุข</u>	Stop Freq
-70.0				5.88000000 GHz
Start 5.6800 GHz			p 5.8800 GHz	CF Step
#Res BW 1.0 MHz #VB	N 3.0 MHz	Sweep 1.000		20.000000 MHz <u>Auto</u> Man
MRR MODE         RC         SCL         X           1         N         1         f         5.699 0 GHz           2         N         1         f         5.725 0 GHz	9.075 dBm -46.617 dBm		UNCTION VALUE	
3 N 1 f 5.725 2 GHz	-39.345 dBm			Freq Offset 0 Hz
567			E	
8				
10			-	
MSG	III		•	



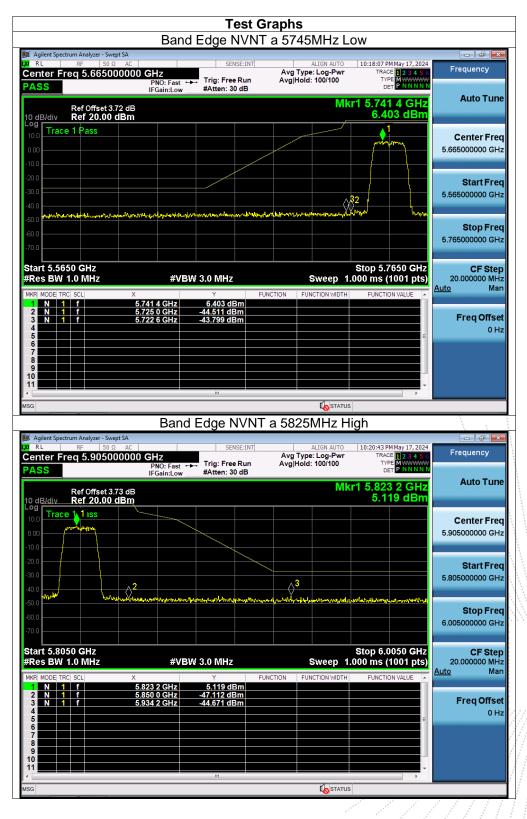
_	Band E	dge NVNT a	x40 5510MHz I	_ow	
J Agilent Spectrum Analyzer - Swept S	AC AC	SENSE:INT	ALIGN AUTO	10:04:12 PM May 17, 2024	- đ ×
Center Freq 5.450000	1.10	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN	Frequency
Ref Offset 3.67 10 dB/div Ref 20.00 dB	dB		Mkr	1 5.498 8 GHz 2.057 dBm	Auto Tune
			.1		Querter Free
0.00			attilauret de	-	Center Freq 5.45000000 GHz
-10.0					
-20.0				-27.00 dBm	Start Freq
-30.0		<u>_</u>			5.35000000 GHz
-40.0 -50.0 mint Antegration in the particular	and the strategic of th	3	a worldow	wany the land	
-60.0					Stop Freq
-70.0					5.550000000 GHz
Start 5.3500 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz		Stop 5.5500 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	Х		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f	5.498 8 GHz 5.470 0 GHz	2.057 dBm -48.210 dBm			Freq Offset
3 N 1 f 4 5	5.443 6 GHz	-45.230 dBm			0 Hz
6 7					
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	Band E		<b>-</b>	liab	
Agilent Spectrum Analyzer - Swept S		dge NVNT a	x40 5670MHz H	High	
LX/ RL RF 50 Ω	AC	dge NVNT a	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6	Frequency
	AC		x40 5670MHz H		
XM         RL         RF         50 Ω           Center Freq 5.730000         Ref 0 ffset 3.72	AC DOOD GHZ PNO: Fast ↔ IFGain:Low	SENSE:INT	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	
QY         RL         RF         50 Ω           Center         Freq 5.730000           Ref Offset 3.72           10 dB/div           Ref 20.00 dE	AC DOOD GHZ PNO: Fast ↔ IFGain:Low	SENSE:INT	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN 1 5.678 6 GHz	Frequency Auto Tune
QX         RL         RF         50 Ω           Center         Freq 5.730000           Ref Offset 3.72           10 dB/div         Ref 20.00 dB	AC DOOD GHZ PNO: Fast ↔ IFGain:Low	SENSE:INT	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN 1 5.678 6 GHz	Frequency
Ref         50 Ω           Center Freq 5.730000         Ref Offset 3.72           10 dB/div         Ref 20.00 dB           10 dB/div         Ref 20.00 dB           10.0         0	AC DOOD GHZ PNO: Fast ↔ IFGain:Low	SENSE:INT	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN 1 5.678 6 GHz	Frequency Auto Tune Center Freq
Ref         50 Ω           Center         Freq         5.730000           Ref         Offset         3.72           10 dB/div         Ref         20.00 dB           10.0         0.00         10.0           -10.0         -20.0         -20.0	AC DOOD GHZ PNO: Fast ↔ IFGain:Low	SENSE:INT	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN 1 5.678 6 GHz	Frequency Auto Tune Center Freq 5.73000000 GHz Start Freq
Ref         50 Ω           Center         Freq 5.730000           Ref Offset 3.72         10 dB/div           Ref Offset 3.72         10 dB/div           10 dB/div         Ref 20.00 dB           10 d	AC AC PN0: Fast → IFGain:Low dB Sm 1 And Unitson	SENSE:INT Trig: Free Run #Atten: 30 dB	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 23 4 5 6 TYPE NUMBER DET P NUMBER 1 5.678 6 GHz 4.792 dBm	Frequency Auto Tune Center Freq 5.73000000 GHz
Ref         50 Ω           Center         Freq         5.730000           Ref         Offset         3.72           10 dB/div         Ref         20.00 dB           10.0	AC DOOD GHZ PNO: Fast ↔ IFGain:Low	SENSE:INT Trig: Free Run #Atten: 30 dB	AVG TYPE: Log-Pwr Avg Hoid: 100/100	10:06:47 PM May 17, 2024 TRACE 2 3 4 5 6 TYPE WWWWW DET P NNNN 1 5.678 6 GHz 4.792 dBm	Frequency Auto Tune Center Freq 5.73000000 GHz Start Freq 5.63000000 GHz
Ref         50 Ω           Center Freq 5.730000         Ref Offset 3.72           10 dB/div         Ref 20.00 dE           10.0	AC AC PN0: Fast → IFGain:Low dB Sm 1 And Unitson	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100 MKr	10:06:47 PM May 17, 2024 TRACE 2 3 4 5 6 TYPE WWWWW DET P NNNN 1 5.678 6 GHz 4.792 dBm	Frequency Auto Tune Center Freq 5.73000000 GHz Start Freq
Ref         50 Ω           Center Freq 5.730000         Ref Offset 3.72           10 dB/div         Ref 20.00 dE           10.0	AC AC PN0: Fast → IFGain:Low dB Sm 1 And Unitson	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE N WWWWW DET P NNNN 1 5.678 6 GHz 4.792 dBm -27 00 dBm	Frequency Auto Tune Center Freq 5.73000000 GHz Start Freq 5.63000000 GHz Stop Freq
Ref         50 Ω           Center Freq 5.730000         Ref Offset 3.72           10 dB/div         Ref 20.00 dB           10 0	AC AC PNO: Fast → IFGain:Low dB Bm 1 MMMMMMM	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE N WWWWW DET P N N N N 1 5.678 6 GHz 4.792 dBm -27 00 dBm -27 0	Erequency           Auto Tune           Center Freq           5.73000000 GHz           Start Freq           5.63000000 GHz           Stop Freq           5.83000000 GHz           CF Step           20.00000 MHz
W         Ref         50 Ω           Center Freq 5.730000           Ref Offset 3.72           10 dB/div         Ref 20.00 dE           10 d	AC AC PNO: Fast += IFGain:Low dB Bm 1 MAJA-MAN #VBV X	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE N WWWWW DET P NNNNN 1 5.678 6 GHz 4.792 dBm -27 00 dBm	Frequency Auto Tune Center Freq 5.73000000 GHz Start Freq 5.63000000 GHz Stop Freq 5.830000000 GHz
W         RL         RF         50 Ω           Center Freq 5.730000         Ref Offset 3.72         10 dB/div         Ref 20.00 dE           10 dB/div         Ref 20.00 dE         10 dB/div         Ref 20.00 dE           10 dB/div         Ref 20.00 dE         10 dB/div         10 dB/div           10 dB/div         Ref 20.00 dE         10 dB/div         10 dB/div           10 dB/div         Ref 20.00 dE         10 dB/div         10 dB/div           -20 dB/div         Ref 20.00 dE         10 dB/div         10 dB/div           -30 dB/div         Ref 20.00 dE         10 dB/div         10 dB/div           -20 dB/div         Ref 20.00 dE         10 dB/div         10 dB/div           -30 dB/div         Ref 20.00 dB/div         10 dB/div         10 dB/div           -50 dB/div         Ref 20.00 dB/div         10 dB/div         10 dB/div           -50 dB/div         Ref 20.00 dB/div         10 dB/div         10 dB/div           -50 dB/div         Ref 20.00 dB/div         10 dB/div         10 dB/div           -50 dB/div         Ref 20.00 dB/div         10 dB/div         10 dB/div           -50 dB/div         Ref 20.00 dB/div         10 dB/div         10 dB/div	AC AC PNO: Fast → IFGain:Low dB 3m 1 MMJM.,ett WMJM.,ett WMJM.,ett	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE N WWWWW DET P N N N N 1 5.678 6 GHz 4.792 dBm -27 00 dBm -27 0	Frequency Auto Tune Center Freq 5.730000000 GHz Start Freq 5.630000000 GHz Stop Freq 5.830000000 GHz CF Step 20.000000 MHz Auto Man
W         RL         RF         50 Ω           Center Freq 5.730000         Ref Offset 3.72         10 dB/div         Ref Offset 3.72           10 dB/div         Ref Offset 3.72         10 dB/div         Ref 0.00 dB           10 dB/div         Ref 0.00 dB         10 dB           10 dB/div         Ref 0.00 dB         10 dB           10 dB/div         Ref 0.00 dB         10 dB           -10.0	AC AC AC PNO: Fast → IFGain:Low dB 3m 1 4m 4m 4m 4m 4m 4m 4m 4m 4m 4m	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE N WWWWW DET P N N N N 1 5.678 6 GHz 4.792 dBm -27 00 dBm -27 0	Erequency           Auto Tune           Center Freq           5.730000000 GHz           Start Freq           5.630000000 GHz           Stop Freq           5.830000000 GHz           CF Step           20.000000 MHz           Auto           Auto Tune
W         RL         RF         50 Ω           Center Freq 5.730000         Ref Offset 3.72         10 dB/div         Ref Offset 3.72           10 dB/div         Ref Offset 3.72         10 dB/div         Ref Offset 3.72           10 dB/div         Ref Offset 3.72         10 dB/div         Ref Offset 3.72           10 dB/div         Ref Offset 3.72         10 dB/div         Ref Offset 3.72           0 d0	AC AC AC PNO: Fast → IFGain:Low dB 3m 1 4m 4m 4m 4m 4m 4m 4m 4m 4m 4m	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MANNAN DET P NNNN 1 5.678 6 GHz 4.792 dBm -27.00 dBm -27.00 dBm such Physerold June Mythema June Stop 5.8300 GHz 00 ms (1001 pts)	Frequency Auto Tune Center Freq 5.730000000 GHz Start Freq 5.630000000 GHz Stop Freq 5.830000000 GHz CF Step 20.000000 MHz Auto Man
W         RL         RF         50 Ω           Center Freq 5.730000           Ref Offset 3.72           10 dB/div         Ref 20.00 dE           10 dB/div         Ref 20.00 dE           10 dB/div         Ref 20.00 dE           10 dB/div         Ref 0ffset 3.72           000	AC AC AC PNO: Fast → IFGain:Low dB 3m 1 4m 4m 4m 4m 4m 4m 4m 4m 4m 4m	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MANNAN DET P NNNN 1 5.678 6 GHz 4.792 dBm -27.00 dBm -27.00 dBm such Physerold June Mythema June Stop 5.8300 GHz 00 ms (1001 pts)	Frequency Auto Tune Center Freq 5.730000000 GHz Start Freq 5.630000000 GHz Stop Freq 5.830000000 GHz CF Step 20.000000 MHz Auto Man
W         RL         PF         50 Q           Center Freq 5.730000         Ref Offset 3.72         Center Freq 5.730000           10         B/div         Ref Offset 3.72           10         B/div         Ref 20.00 dE           100	AC AC AC PNO: Fast → IFGain:Low dB 3m 1 4m 4m 4m 4m 4m 4m 4m 4m 4m 4m	SENSE:INT Trig: Free Run #Atten: 30 dB	x40 5670MHz H	10:06:47 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MANNAN DET P NNNN 1 5.678 6 GHz 4.792 dBm -27.00 dBm -27.00 dBm such Physerold June Mythema June Stop 5.8300 GHz 00 ms (1001 pts)	Frequency Auto Tune Center Freq 5.730000000 GHz Start Freq 5.630000000 GHz Stop Freq 5.830000000 GHz CF Step 20.000000 MHz Auto Man



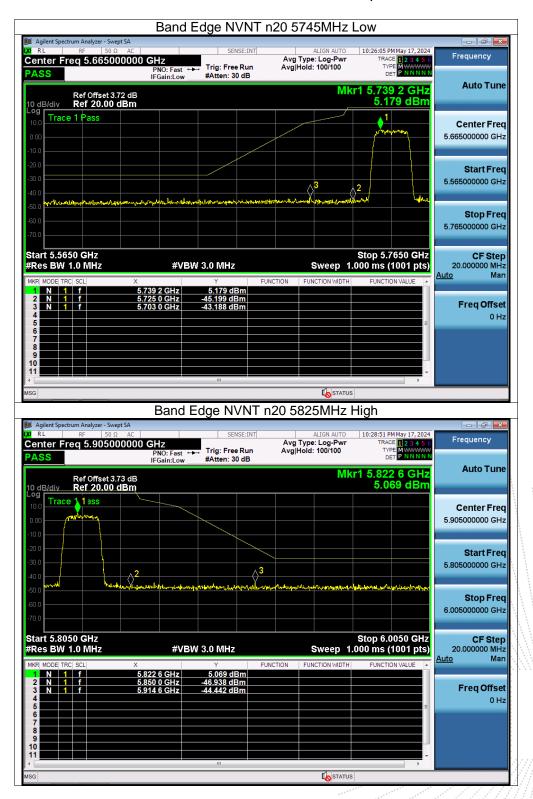
	Band E	dge NVNT a	x80 5530MHz	High	
Milent Spectrum Analyzer - Swept SA		astres total			
00 RL RF 50Ω AC Center Freq 5.72500000		Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 100/100	10:12:54 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N N	Frequency
Ref Offset 3.68 dB 10 dB/div Ref 20.00 dBm	}		Mkr	1 5.527 55 GHz 2.848 dBm	Auto Tune
10.0					Center Freq
-10.0					5.725000000 GHz
-20.0				-27.00 dBm	Start Freq 5.45000000 GHz
-40.0	NWWWW Puttoneway	mutanin and the second	^{พา} จากกรียาการเกิดการเป็นที่จะการเป็น	water	
-60.0					<b>Stop Freq</b> 6.000000000 GHz
Start 5.4500 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 1.	Stop 6.0000 GHz 000 ms (1001 pts)	<b>CF Step</b> 55.000000 MHz
MKR MODE TRC SCL X			NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 5	.527 55 GHz .725 00 GHz .733 25 GHz	2.848 dBm -47.376 dBm -44.738 dBm			Freq Offset 0 Hz
5				E	
8 9 10 11					
•		m		•	
MSG					
	Band E	dge NVNT a	x80 5530MHz	Low	
Agilent Spectrum Analyzer - Swept SA           K         RL         RF         50 Ω         AC		SENSE:INT	ALIGN AUTO	10:11:58 PM May 17, 2024	
Center Freq 5.51000000	IO GHZ PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	Frequency
Ref Offset 3.68 dB 10 dB/div Ref 20.00 dBm			Mk	r1 5.526 6 GHz 3.001 dBm	Auto Tune
Log 10.0			1		Center Freq 5,51000000 GHz
-10.0		- Angel Have Alexandream	h for the second s		0.01000000000112
-30.0	3 2			-27.00 dBm	Start Freq 5.41000000 GHz
-40.0 -50.0 <b>modulu market and the second second</b>	order and a second with			When Ithe West for the second second	Stop Freq
-60.0					5.61000000 GHz
Start 5.4100 GHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 1.	Stop 5.6100 GHz 000 ms (1001 pts)	CF Step 20.000000 MHz Auto Man
MKR MODE TRC SCL X	5.526 6 GHz	Y FU 3.001 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	indiri
2 N 1 f 3 N 1 f 4	5.470 0 GHz 5.455 8 GHz	-46.356 dBm -42.478 dBm			Freq Offset 0 Hz
5 6 7				=	
8 9 10 11					
		m		*	



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









	Band	Edge NVNT	n40 5755MHz l	_OW	
Magilent Spectrum Analyzer - Swept S	A AC	SENSE:INT	ALIGN AUTO	10:46:02 PM May 17, 2024	
Center Freq 5.695000		→ Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN	Frequency
Ref Offset 3.72 10 dB/div Ref 20.00 dB	dB		Mkr	1 5.758 8 GHz 2.135 dBm	Auto Tune
Log 10.0 Trace 1 Pass				.1	0
0.00			habene har	And the second s	Center Freq 5.695000000 GHz
-10.0					
-20.0					Start Freq
-40.0					5.595000000 GHz
-50.0 Mything Traje your with the	hur-terflandlimerheiter	with the hard the second of th	ng Handhalman	Libritiony law tyle	Stop Freq
-60.0					5.795000000 GHz
				Stop 5 7050 CHa	05.04.0
Start 5.5950 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 1.0	Stop 5.7950 GHz )00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	× 5.758 8 GHz	Y FU 2.135 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.725 0 GHz 5.720 4 GHz	-44.130 dBm -43.542 dBm			Freq Offset
4 5					0 Hz
6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7					
8 9 10					
11					
MSG					
	Band	Edge NVNT r	140 5795MHz H	ligh	
Agilent Spectrum Analyzer - Swept S           X         RL         RF         50 Ω	A AC	SENSE:INT	ALIGN AUTO	10:47:31 PM May 17, 2024	
Center Freq 5.855000	000 GHz PNO: Fast	► Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N	Frequency
PASS	IFGain:Low	#Atten: 30 dB	Mk	1 5.797 8 GHz	Auto Tune
Ref Offset 3.72 10 dB/div Ref 20.00 dB			WIKI	2.437 dBm	
Log 10.0 Trace 1 Pass	1		~		Center Freq
0.00	maturel				5.855000000 GHz
-10.0					
-30.0					Start Freq 5.75500000 GHz
-40.0				Jhulman Jaluahan	
-50.0		A	an an Inderson and a second	are a program and the second second second	Stop Freq
-70.0					5.955000000 GHz
Start 5.7550 GHz				Stop 5.9550 GHz	CF Step
#Res BW 1.0 MHz	#VB	W 3.0 MHz		000 ms (1001 pts)	20.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL	× 5.797 8 GHz 5.850 0 GHz	Y FU 2.437 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f 4	5.850 0 GHz 5.873 2 GHz	2.437 dBm -46.339 dBm -43.997 dBm			FreqOffset
4 5 6				Ξ	0 Hz
7 8					
8 9 10					
8 9					



	Band E	Edge NVNT a	c20 5745MHz	Low	
Milent Spectrum Analyzer - Swept S	A AC	SENSE:INT		10-21-52 DM May 17, 2024	
Center Freq 5.665000	000 GHz	Talas Free Days	ALIGN AUTO	10:31:52 PM May 17, 2024 TRACE 1 2 3 4 5 6	Frequency
PASS	PNO: Fast ← IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 100/100	DET PNNNN	
Ref Offset 3.72	dB		Mkr	1 5.742 0 GHz	Auto Tune
10 dB/div Ref 20.00 dB	im			5.653 dBm	
10.0 Trace 1 Pass				1	Center Freq
0.00				waterson	5.665000000 GHz
-10.0				-	
-20.0					Start Freq
-30.0			3	2	5.565000000 GHz
-40.0	Harling and the state of the st	-	withman winter with mark	want when	
-36.0					Stop Freq
-60.0					5.76500000 GHz
Start 5.5650 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sween 11	Stop 5.7650 GHz )00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	X			EUNCTION VALUE	<u>Auto</u> Man
1 N 1 f	5.742 0 GHz 5.725 0 GHz	5.653 dBm			
3 N 1 f	5.681 0 GHz	-46.152 dBm -43.699 dBm			Freq Offset
4 5				E	0 Hz
6 7					
8					
10					
				•	
			~		
MSG					
		Edge NVNT a	status) 20 5825MHz ا	High	
Agilent Spectrum Analyzer - Swept S     X     RL RF 50 Ω	A AC	dge NVNT a	<b>_</b>	10:34:44 PM May 17, 2024	
Agilent Spectrum Analyzer - Swept S           Μ         RL         RF         50 Ω           Center Freq 5.9050000	A AC 000 GHz	SENSE:INT	c20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12.3456	Frequency
Agilent Spectrum Analyzer - Swept S     X     RL RF 50 Ω	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 2 2 3 4 5 6 TYPE MWWWW DET PNNNNN	Frequency
M Agilent Spectrum Analyzer - Swept S       M RL     RF     50 Ω       Center Freq 5.9050000       PASS   Ref Offset 3.73	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN 1 5.826 6 GHz	
M Agilent Spectrum Analyzer - Swept S           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div           Ref 20.00 dB	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 2 2 3 4 5 6 TYPE MWWWW DET PNNNNN	Frequency
Agilent Spectrum Analyzer - Swept S.           X         RL         RF         S0 Ω           Center Freq 5.9050000         PASS           Ref Offset 3.73         Contract 10 dB/div         Ref 20.00 dB           Og         Trace 1 P.1 s         Trace 1 P.1 s	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN 1 5.826 6 GHz	Frequency Auto Tune Center Freq
Agilent Spectrum Analyzer - Swept S.           R L         RF         S0 Q           Center Freq 5.9050000         PASS           Ref Offset 3.73         0 dB/div         Ref 20.00 dB           Log         Trace 1 B 1 s         000           0.00         Provenue         Provenue	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN 1 5.826 6 GHz	Frequency Auto Tune
Agilent Spectrum Analyzer - Swept S.           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div         Ref 20.00 dB           10 0         Trace 1 P.1 S           000         ref 20.00 dB	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN 1 5.826 6 GHz	Frequency Auto Tune Center Freq 5.905000000 GHz
Agilent Spectrum Analyzer - Swept S.           R L         RF         S0 Q           Center Freq 5.9050000         PASS           Ref Offset 3.73         0 dB/div         Ref 20.00 dB           Log         Trace 1 B 1 s         000           0.00         Provenue         Provenue	A AC	SENSE:INT	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET PNNNN 1 5.826 6 GHz	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq
Agilent Spectrum Analyzer - Swept S     Ref Offset 3.73     O B/div Ref Offset 3.73     O dB/div Ref 20.00 dB     Trace 1 P 1 S     O 00     -10 0     -20 0     -30 0     -40 0	A AC	Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 TYPE MANNIN N 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz
Agilent Spectrum Analyzer - Swept St.           X         RL         RF         50 Q.           Center Freq 5.9050000         PASS         Ref Offset 3.73         Odd B/div         Ref 20.00 dB           10 dB/div         Ref 20.00 dB         Trace 1 P.1 S         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000         000	A AC	Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 TYPE MANNIN N 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz 5.805000000 GHz
Agilent Spectrum Analyzer - Swept SL           X         RL         RF         50 Q           Center Freq 5.9050000         PASS         Ref Offset 3.73         10 dB/div         Ref 20.00 dB           10 dB/div         Ref 20.00 dB         10 dB/div         Ref 20.00 dB         10 dB/div         10 dB/div <th1< td=""><td>A AC         PNO: Fast ← IFGain:Low   dB</td><td>Free Run #Atten: 30 dB</td><td>C20 5825MHz</td><td>10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 TYPE MANNINN 1 5.826 6 GHz 4.102 dBm</td><td>Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq</td></th1<>	A AC         PNO: Fast ← IFGain:Low   dB	Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 TYPE MANNINN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq
Agilent Spectrum Analyzer - Swept Si           QR         RF         50 Q           Center Freq 5.9050000         PASS           Ref Offset 3.73         10 dB/div         Ref 20.00 dB           10 dB/div         Ref 20.00 dB         10 dB/div         10 dB/div           10 dB/div         Ref 20.00 dB         10 dB/div         10 dB/di	A AC         PNO: Fast ← IFGain:Low   dB	Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 TYPE MANNINN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz 5.805000000 GHz
Ref Offset 3.73           10 dB/div         Ref Offset 3.73           10 dB/div         Ref 20.00 dB           20 dB/div         Ref 20.00 dB           -20 dB/div         Ref 20.00 dB           -30 dB/div         Ref 20.00 dB	A AC DOO GHz PNO: Fast - IFGain:Low dB m	Frig: Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 3 4 5 6 Type Maxwaw DET PINNIN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz
Agilent Spectrum Analyzer - Swept Start 5.8050 GHz           Ref Offset 3.73           Center Freq 5.9050000           PASS           Center Freq 5.90000 dB           PASS           Conter Freq 5.9000 dB           Trace 1 P 1 S           Conter Freq 1 S           Conter Freq 5.900 dB           Trace 1 P 1 S           Conter Freq 5.900 dB           Trace 1 P 1 S           Conter Freq 5.900 dB           Start 5.8050 GHz           #Res BW 1.0 MHz	A AC DOO GHz PNO: Fast - IFGain:Low dB m	SENSE:INT Trig: Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 Type P NNNN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz
Agilent Spectrum Analyzer - Swept St.           Ref Offset 3.73           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div         Ref 20.00 dB           Trace 1 B 1 S           0.00	A AC 000 GHz PN0: Fast - IFGain:Low dB im 2003 A 2003 A A A A A A A A A A A A A A A A A A	SENSE:INT Trig: Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 3 4 5 6 Type Maxwaw DET PINNIN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz
Agilent Spectrum Analyzer - Swept Si           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div         Ref 20.00 dB           Trace 1 P 1 S           0.00	A AC 000 GHz PN0: Fast - IFGain:Low dB im 2003 A 2003 A A A A A A A A A A A A A A A A A A	Fig: Free Run     #Atten: 30 dB     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #    #	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 Type P NNNN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz CF Step 20.000000 MHz Auto Man
Agilent Spectrum Analyzer - Swept Statt         So Ω           Center Freq 5.9050000         PASS           0 dB/div         Ref Offset 3.73           10 dB/div         Ref 20.00 dB           10 0         Trace 1 P.1 S           10 0         Trace 1 P.1	A AC DOO GHZ PNO: Fast - IFGain:Low dB m 200 203 *******************************	SENSE:INT Trig: Free Run #Atten: 30 dB	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3: 4 5 6 TYPE MANNAN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz
Agilent Spectrum Analyzer - Swept Sign           Ref         Sign           Center Freq 5.9050000           PASS           Ref Offset 3.73           Io dB/div         Ref 20.00 dB           Trace 1 B 1 S           Io dB/div         Ref 20.00 dB           10 dB/div         Ref 20.00 dB           20.0         Trace 1 B 1 S           Io dD         Io dD           Start 5.8050 GHz         Res BW 1.0 MHz           MKR MODE TRC SCI         I         I           I N 1         I         I           3 N 1         I         I           4         5         5	A AC 000 GHz PN0: Fast - IFGain:Low dB im 2003 A 2003 A A A A A A A A A A A A A A A A A A	Fig: Free Run     #Atten: 30 dB     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #    #	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3 4 5 6 Type P NNNN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz CF Step 20.000000 MHz Auto Man
Agilent Spectrum Analyzer - Swept S.           Ref         S0 Q           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div         Ref 20.00 dB           10 dB/div         Ref 20.00 dB           10 d	A AC 000 GHz PN0: Fast - IFGain:Low dB im 2003 A 2003 A A A A A A A A A A A A A A A A A A	Fig: Free Run     #Atten: 30 dB     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #    #	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3: 4 5 6 TYPE MANNAN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz CF Step 20.000000 MHz Auto Man
Agilent Spectrum Analyzer - Swept Start           Ref Offset 3.73           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div         Ref 20.00 dB           10 0         Trace 1 P.1 s           0.00	A AC 000 GHz PN0: Fast - IFGain:Low dB im 2003 A 2003 A A A A A A A A A A A A A A A A A A	Fig: Free Run     #Atten: 30 dB     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #    #	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3: 4 5 6 TYPE MANNAN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz CF Step 20.000000 MHz Auto Man
Agilent Spectrum Analyzer - Swept Statt           Ref Offset 3.73           Center Freq 5.9050000           PASS           Ref Offset 3.73           10 dB/div         Ref 20.00 dB           100         Trace 1 P 1 S           000	A AC 000 GHz PN0: Fast - IFGain:Low dB im 2003 A 2003 A A A A A A A A A A A A A A A A A A	Fig: Free Run     #Atten: 30 dB     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #     #    #	C20 5825MHz	10:34:44 PM May 17, 2024 TRACE 12 3: 4 5 6 TYPE MANNAN 1 5.826 6 GHz 4.102 dBm	Frequency Auto Tune Center Freq 5.905000000 GHz Start Freq 5.805000000 GHz Stop Freq 6.005000000 GHz CF Step 20.000000 MHz Auto Man



_	Band E	dge NVNT a	ac40 5755MHz L	ow	
J Agilent Spectrum Analyzer - Swept	SA AC	SENSE:INT	ALIGN AUTO	10:50:23 PM May 17, 2024	
Center Freq 5.695000	0000 GHz PNO: Fast ↔	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	Frequency
Ref Offset 3.72	IFGain:Low	#Atten: 30 dB	Mkr1	5.760 8 GHz	Auto Tune
10 dB/div Ref 20.00 d				2.833 dBm	
10.0 Trace 1 Pass				1	Center Freq
0.00				AND	5.69500000 GHz
-10.0					
-20.0					Start Freq
-40.0					5.595000000 GHz
-50.0	mannand	hiteliter	anay character and the second s	brite relation	Stop Frog
-60.0					<b>Stop Freq</b> 5.795000000 GHz
-70.0					
Start 5.5950 GHz #Res BW 1.0 MHz	#VB\	V 3.0 MHz		top 5.7950 GHz 0 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	X		NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f 3 N 1 f	5.760 8 GHz 5.725 0 GHz 5.722 8 GHz	2.833 dBm -45.145 dBm -43.198 dBm			Freq Offset
	5.722 6 GH2	-45.196 UBIII			0 Hz
6 7					
8					
10				-	
		ш		4	
MSG	David			i e la	
Agilent Spectrum Analyzer - Swept		dge NVNT a	c40 5795MHz H	ign	- 6 💌
LXI RL RF 50 Ω	AC	SENSE:INT	ALIGN AUTO	10:51:53 PM May 17, 2024 TRACE <b>1 2 3 4 5 6</b>	Frequency
Center Freq 5.855000 PASS	PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 100/100		
Ref Offset 3.72	dB		Mkr1	5.800 8 GHz 1.306 dBm	Auto Tune
10 dB/div Ref 20.00 dl Log Trace 1 Pass	3m			1.500 GBM	
10.0	<b>▶</b> ¹				Center Freq
0.00	analas analysis				5.855000000 GHz
-20.0					Start Freq
-30.0					5.755000000 GHz
-40.0	Umplymort	2	matil mater was and a maile maile	Wite mute of this Declarit adap	
-50.0					Stop Freq
-70.0					5.955000000 GHz
Start 5.7550 GHz				top 5.9550 GHz	CF Step
#Res BW 1.0 MHz	#VB\	V 3.0 MHz		0 ms (1001 pts)	20.000000 MHz Auto Man
MKR MODE TRC SCL	X 5.800 8 GHz	Y FU 1.306 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	Main .
2 N 1 f 3 N 1 f	5.800 8 GHz 5.850 0 GHz 5.877 8 GHz	-46.689 dBm -45.646 dBm			Freq Offset
4 5					0 Hz
6 7					
8					
10				•	
MSG		III	<b>STATUS</b>	•	











_	Band E	dge NVNT a	x40 5755MHz L	.ow	
J Agilent Spectrum Analyzer - Swept	SA AC	SENSE:INT	ALIGN AUTO	10:53:52 PM May 17, 2024	
Center Freq 5.695000 PASS		Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	Frequency
Ref Offset 3.72 10 dB/div Ref 20.00 dB	dB		Mkr	5.763 2 GHz 3.366 dBm	Auto Tune
Log 10.0 Trace 1 Pass				1	Contor Frog
0.00				andret in my	Center Freq 5.695000000 GHz
-10.0					
-20.0					Start Freq
-30.0			3 2	l l	5.595000000 GHz
-50.0 Mathematingnew way of the half bega	_พ ุปสร้างในการสะหัง _{หรื} ระสะหังหูเรษร	หน่งกระกิจะและสู่เป็นไหว่งโคระกร์ ^{เห} น่งก	h manur was rit	rkiterralination	
-60.0					<b>Stop Freq</b> 5.79500000 GHz
-70.0					
Start 5.5950 GHz #Res BW 1.0 MHz	#VBV	N 3.0 MHz		Stop 5.7950 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL	× 5.763 2 GHz	Y FU 3.366 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
2 N 1 f 3 N 1 f	5.725 0 GHz 5.711 8 GHz	-45.606 dBm -42.940 dBm			Freq Offset
4 5				=	0 Hz
6 7 8					
9					
11					
MSG			<b>K</b> STATUS		
	Band E	dge NVNT a	x40 5795MHz H	ligh	
Magilent Spectrum Analyzer - Swept K RL RF 50 Ω	AC AC	SENSE:INT	ALIGN AUTO	10:55:15 PM May 17, 2024	
Center Freq 5.855000 PASS	IOOO GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 100/100	TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P N N N N N	Frequency
Ref Offset 3.72	dB 3m		Mkr	5.801 2 GHz 2.813 dBm	Auto Tune
Log 10.0 Trace 1 Pass	1				Center Freq
0.00	when when a				5.855000000 GHz
-10.0					
-20.0				<	Start Freq
40.0					5.755000000 GHz
-40.0	hannahar	Mary Andrew College Contraction	man to install from the lastice and marked a state of the	and the fitter of many surviva	Stop Freq
-60.0					5.955000000 GHz
-70.0					
Start 5.7550 GHz #Res BW 1.0 MHz		N 3.0 MHz	Sweep 1.0	Stop 5.9550 GHz 00 ms (1001 pts)	CF Step 20.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL	X 5.801 2 GHz	2.813 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f 4	5.850 0 GHz 5.910 0 GHz	-48.060 dBm -44.738 dBm			Freq Offset
4 5 6				=	0 Hz
7 8					
9					
10					
		m			



	Band Edge	NVNT ax80 5	775MHz Hig	h	
J Agilent Spectrum Analyzer - Swept SA		SENSE:INT	ALIGN AUTO 11:0	01:13 PM May 17, 2024	- ¢ ×
Center Freq 5.795000000 PASS	PNO: Fast ↔ Irig:	Avg	Type: Log-Pwr Iold: 100/100	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNN	Frequency
Ref Offset 3.72 dB 10 dB/div Ref 20.00 dBm			Mkr1 5	.772 4 GHz 2.027 dBm	Auto Tune
Log 10.0 0.00 -10.0		and the second second			Center Freq 5.79500000 GHz
-20.0		h			Start Freq 5.69500000 GHz
-50.0 -60.0 -70.0				n.J	<b>Stop Freq</b> 5.895000000 GHz
Start 5.6950 GHz #Res BW 1.0 MHz	#VBW 3.0 N	1Hz	Sweep 1.000		CF Step 20.000000 MHz Auto Man
2 N 1 f 5.	850 0 GHz -49.20	FUNCTION 27 dBm 10 dBm 2 dBm	FUNCTION WIDTH F	UNCTION VALUE	Freq Offset 0 Hz
6 7 8 9 10					
11 <					
MSG			<b>I</b> STATUS		
	Band Edge	NVNT ax80 5	5775MHz Lov	W	
Magilent Spectrum Analyzer - Swept SA		SENSE:INT	ALIGN AUTO 11:0	00:57 PM May 17, 2024	
Center Freq 5.755000000 PASS	PNO: Fast +++ Irig:	Avg Free Run Avg H en: 30 dB	Type: Log-Pwr Iold: 100/100	TRACE 1 2 3 4 5 6 TYPE M WWWW DET P N N N N N	Frequency
Ref Offset 3.72 dB 10 dB/div Ref 20.00 dBm			Mkr1 5	.772 4 GHz 2.032 dBm	Auto Tune
10.0 Trace 1 Pass 0.00 -10.0		Network the start of the start	Mary Maring and		Center Freq 5.755000000 GHz
-20.0 -30.0 -40.0					Start Freq 5.655000000 GHz
-50.0 -60.0 -70.0				uluydalaasiyoon	<b>Stop Freq</b> 5.855000000 GHz
Start 5.6550 GHz #Res BW 1.0 MHz	#VBW 3.0 N	1Hz	Sto Sweep 1.000	p 5.8550 GHz ms (1001 pts)	CF Step 20.000000 MHz
MKR MODE TRC SCL X	772 A GHz 2 02	FUNCTION	FUNCTION WIDTH F	UNCTION VALUE	<u>Auto</u> Man
2 N 1 f 5.	725 0 GHz -46.87	2 dBm 20 dBm 25 dBm		E	Freq Offset 0 Hz
7 8 9 10					
11					



### **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.