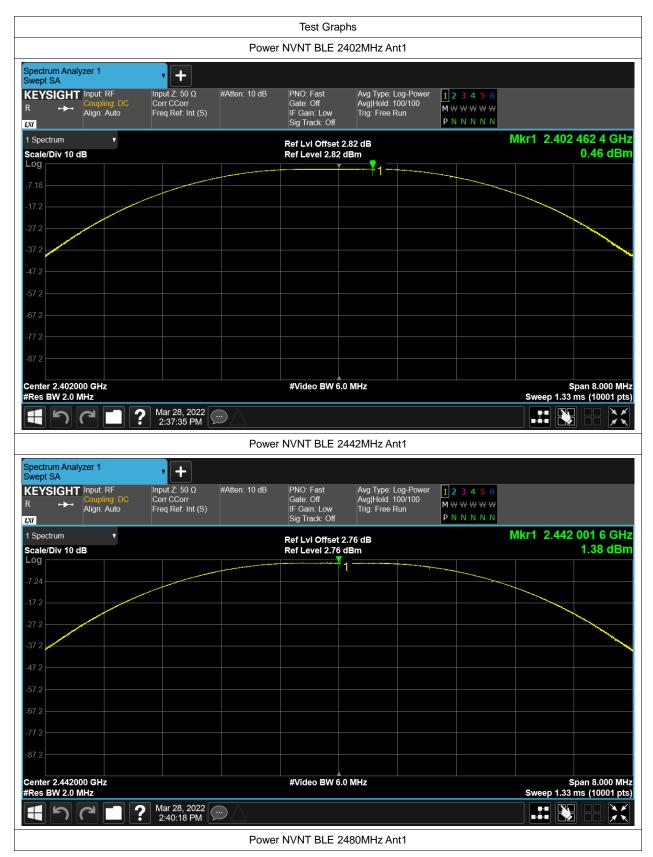


#### Test Data

# **Maximum Conducted Output Power**

Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	0.459	0	0.459	30	Pass
NVNT	BLE	2442	Ant1	1.383	0	1.383	30	Pass
NVNT	BLE	2480	Ant1	-0.75	0	-0.75	30	Pass





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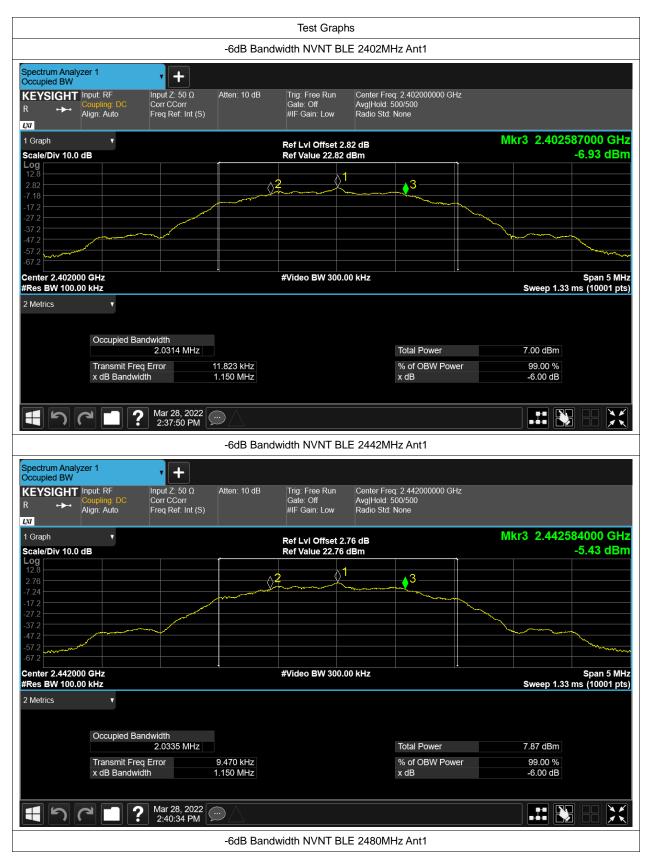




### -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	1.15	0.5	Pass
NVNT	BLE	2442	Ant1	1.15	0.5	Pass
NVNT	BLE	2480	Ant1	1.157	0.5	Pass





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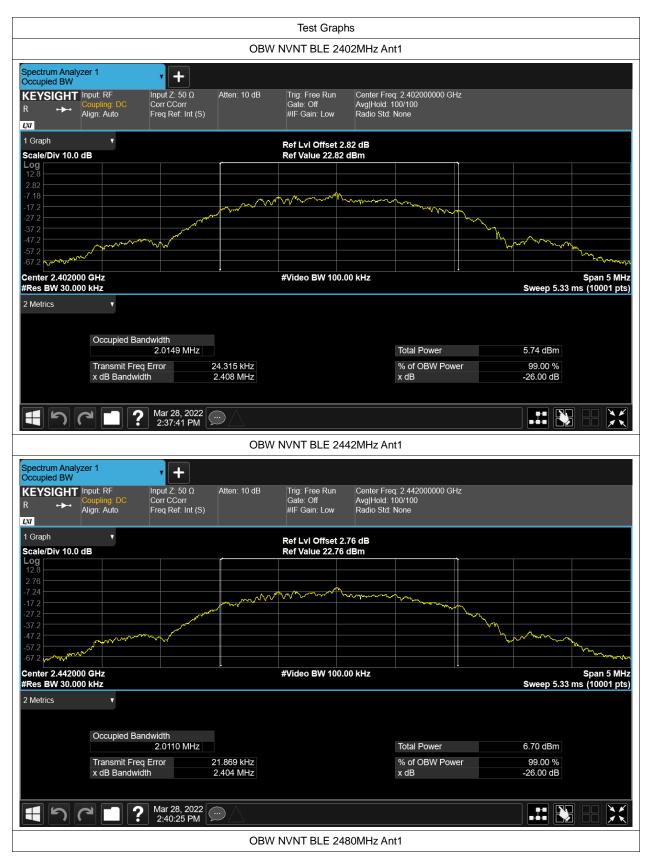
Öccup	rum Analy bied BW			• +							
KEY R	SIGHT .≁	Input: Coupli Align:	ing: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten: 10 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:		2		
1 Gra	oh	<u> </u>	•			Ref LvI Offset 2	2.81 dB		M	(r3 2.4805	85000 GHz
	/Div 10.0	dB				Ref Value 22.8					-7.46 dBm
Log 12.8							1				
2.81 -7.19					2 2	¥		3			
-17.2 -27.2											
-37.2											
-47.2 -57.2									~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
-67.2	a mana	<i>,</i>									
	r 2.48000					#Video BW 300	.00 kHz	•			Span 5 MHz
#Res	BW 100.0	00 kHz								Sweep 1.33	ms (10001 pts)
2 Met	ics		▼								
		Oc	cupied Ban								
				2.0307 MHz				Total Power		5.78 dBm	
			ansmit Freq IB Bandwidt		7.062 kHz 1.157 MHz			% of OBW Powe x dB	r –	99.00 % -6.00 dB	
		×u	ib-bandwidt		1.107 WH IZ					-0.00-015	
	5	2	2	Mar 28, 2022 2:46:35 PM							



# **Occupied Channel Bandwidth**

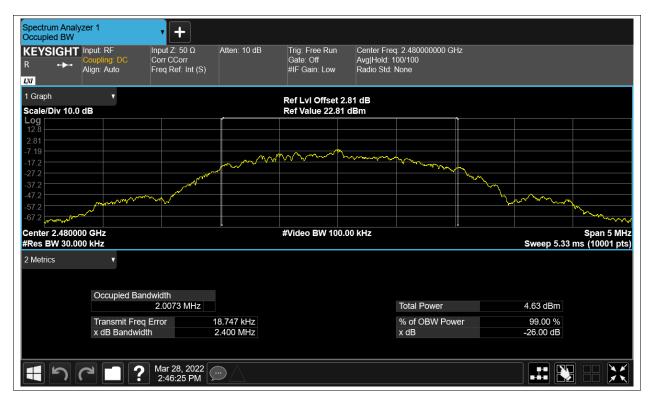
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	2.01493114
NVNT	BLE	2442	Ant1	2.010966661
NVNT	BLE	2480	Ant1	2.007286012





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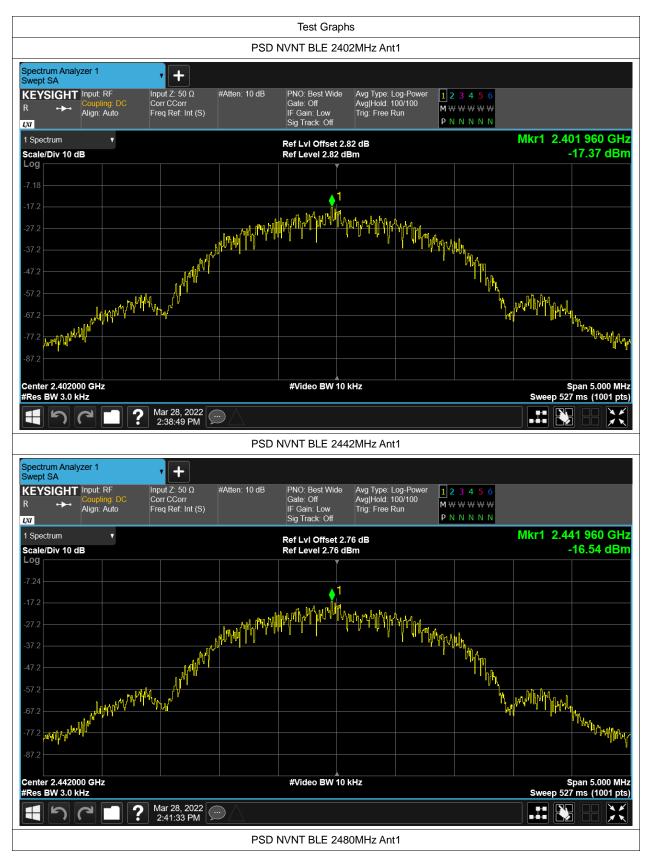




# **Maximum Power Spectral Density Level**

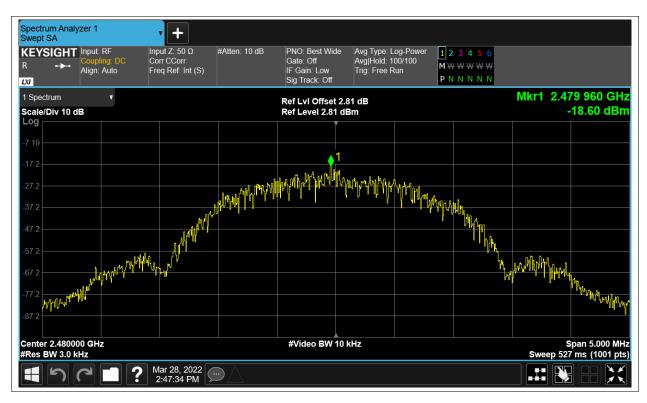
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-17.37	8	Pass
NVNT	BLE	2442	Ant1	-16.537	8	Pass
NVNT	BLE	2480	Ant1	-18.601	8	Pass





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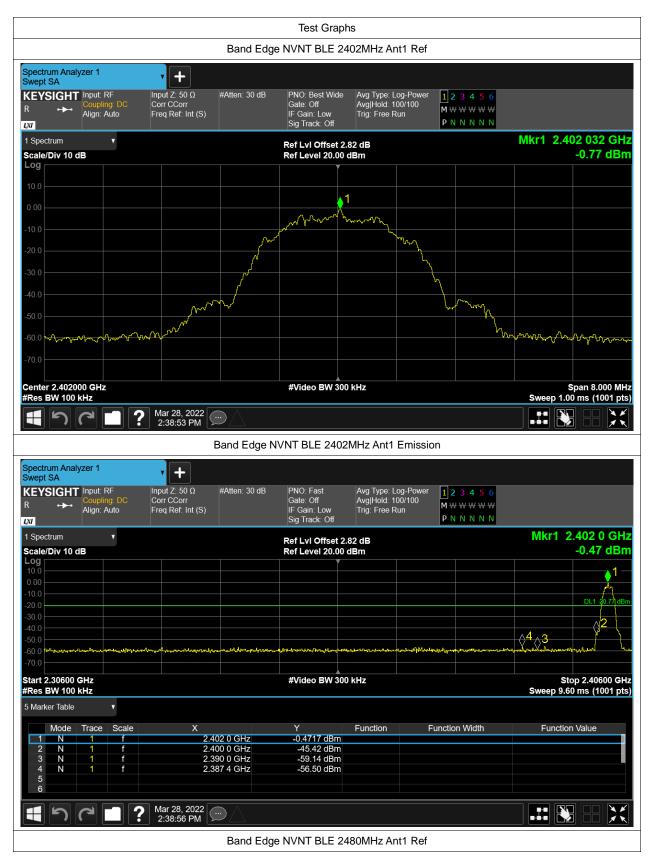




### **Band Edge**

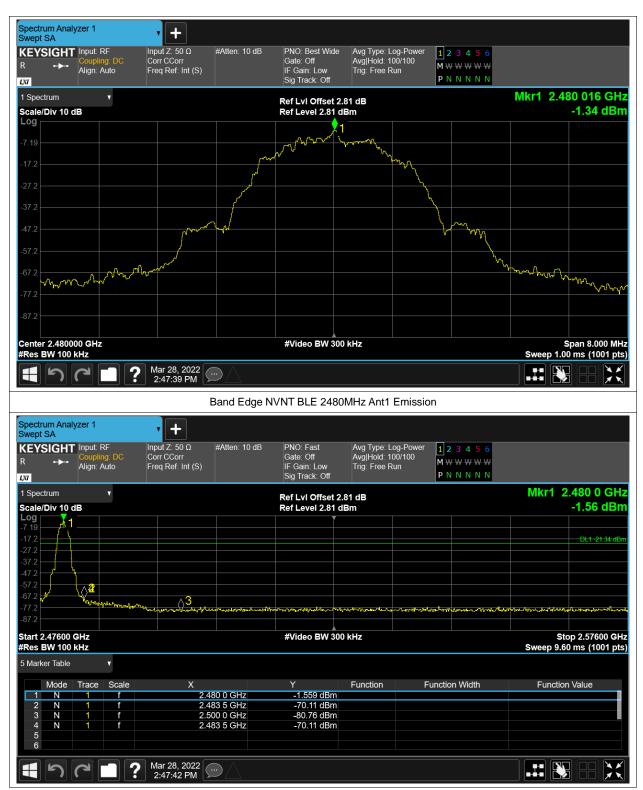
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-55.72	-20	Pass
NVNT	BLE	2480	Ant1	-68.76	-20	Pass





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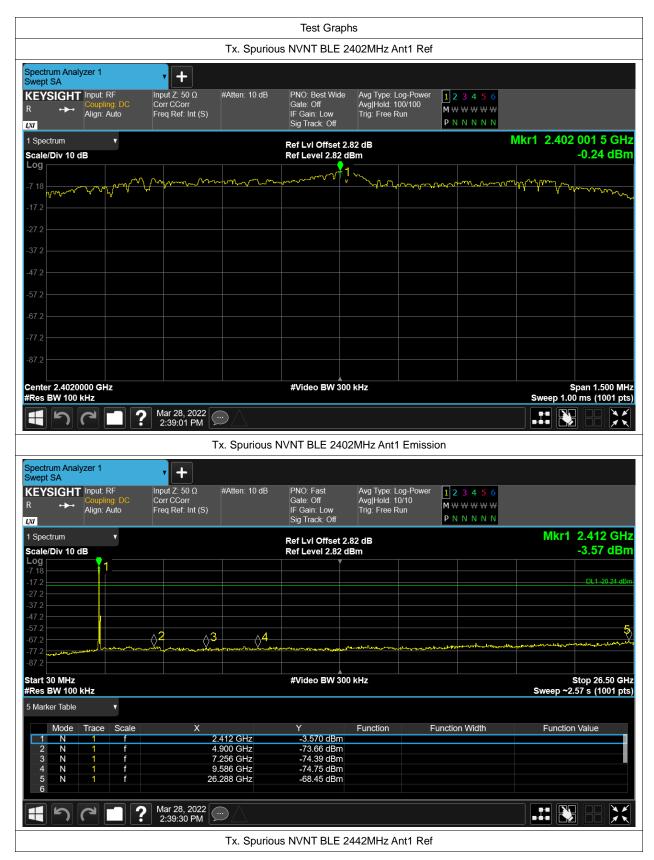




# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-68.21	-20	Pass
NVNT	BLE	2442	Ant1	-68.11	-20	Pass
NVNT	BLE	2480	Ant1	-66.73	-20	Pass





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#### Report No.: JYTSZ-R12-2200502

Spectrum Analyzer 1 Swept SA	•	+							
KEYSIGHT     Input: RI       R     Input: RI       Align: Au	g: DC Corr	t Z: 50 Ω CCorr Ref: Int (S)	#Atten: 10 dB	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Hold: 1 Trig: Free F	00/100 Run	2 3 4 5 6 ₩₩₩₩₩ N N N N N		
Scale/Div 10 dB	v			Ref LvI Offset 2 Ref Level 2.76				Mkr1 2.442	006 0 GHz 0.64 dBm
-7.24	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ᡙᠧᡗᢇᡗ	Mur marin	-v	1 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	······································	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	᠕᠆ᢇ᠈ᡀ᠕᠁	
-17.2									Lundra
-27.2									
-37.2									
-47.2									
-57.2									
-67.2									
-87.2									
Center 2.4420000 GHz				#Video BW 30	0 kHz			s	pan 1.500 MHz
#Res BW 100 kHz		r 28, 2022 🖳						Sweep 1.00	0 ms (1001 pts)
		43:55 PM 🔎							
<b>.</b>		Tx	. Spurious N	VNT BLE 244	12MHz Ant1	I Emission			
Spectrum Analyzer 1 Swept SA	۲	+							
KEVOLOUIT Insut D	E lanut		#Attop: 10 dD		Aug Tupoi I				
KEYSIGHT R ↔ Coupling Align: Au	g: DC Corr	t Z: 50 Ω # CCorr Ref: Int (S)	#Atten: 10 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Hold: 1 Trig: Free F	0/10 Run №	23456 ₩₩₩₩₩₩ NNNNN		
R + Align: Au	g: DC Corr	CCorr	#Atten: 10 dB	Gate: Off IF Gain: Low	Avg Hold: 1 Trig: Free F 2.76 dB	0/10 Run №	₩₩₩₩₩	Mkr1	2.439 GHz -2.21 dBm
R ↔ Coupling Lva 1 Spectrum Scale/Div 10 dB Log -7.24	g: DC Corr uto Freq	CCorr	#Atten: 10 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Hold: 1 Trig: Free F 2.76 dB	0/10 Run №	₩₩₩₩₩	Mkr1	-2.21 dBm
R         →→         Coupling Align: Au           1 Spectrum         Scale/Div 10 dB         Log           -7.24         -17.2         1           -7.27.2         -27.2         1	g: DC Corr uto Freq	CCorr	#Atten: 10 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Hold: 1 Trig: Free F 2.76 dB	0/10 Run №	₩₩₩₩₩	Mkr1	
R         →         Coupling Align: Ai           1 Spectrum         Scale/Div 10 dB         1           Log         -7.24         1         1           -17.2         -37.2         -37.2         -47.2	g DC Corr uto Freq ▼	CCorr Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Hold: 1 Trig: Free F 2.76 dB	0/10 Run №	₩₩₩₩₩	Mkr1	-2.21 dBm
R         ↔         Coupling Align: Ai           1 Spectrum         Scale/Div 10 dB         1           Log         1         1         1           -7.24         1         1         1           -7.24         1         1         1           -7.24         1         1         1           -7.24         -7         1         1           -37.2         -37.2         -37.2         -37.2           -37.2         -57.2         -57.2         -57.2           -67.2         -77.2         -57.2         -57.2           -77.2         -57.2         -57.2         -57.2	g: DC Corr uto Freq	CCorr	#Atten: 10 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Hold: 1 Trig: Free F 2.76 dB	0/10 Run №	₩₩₩₩₩	Mkr1	-2.21 dBm
R         ↔         Coupling Align: Ai           1 Spectrum         Scale/Div 10 dB         1           -7.24         -1         1           -17.2         -1         1           -37.2         -37.2         -5           -67.2         -5         -5           -67.2         -77.2         -5           -87.2         -5         -5           -87.2         -5         -5           Start 30 MHz         -5         -5	g DC Corr uto Freq ▼	CCorr Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Hold: 1 Trig: Free F 2.76 dB dBm	0/10 Run №	₩₩₩₩₩	v	-2.21 dBm
R     →     Coupling Align: Au       1 Spectrum     Scale/Div 10 dB       Log     -7.24       -7.24     -1       -17.2     -37.2       -37.2     -37.2       -37.2     -5       -67.2     -5       -67.2     -5       -87.2     -5       -9.2     -5       -9.2     -5       -1.2     -5       -1.2     -5       -1.2     -5       -1.2     -5       -1.2     -5       -1.2     -5       -1.2     -5       -1.2     -5  <	g DC Corr uto Freq ▼	CCorr Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2 Ref Level 2.76	Avg Hold: 1 Trig: Free F 2.76 dB dBm	0/10 Run №	₩₩₩₩₩	v	-2.21 dBm
R       ↔       Coupling         1 Spectrum       Scale/Div 10 dB         Log       11         -7.24       11         -17.2       11         -37.2       11         -57.2       5         -67.2       5         -67.2       5         -67.2       5         -67.2       5         -67.2       5         -67.2       5         -87.2       5         Start 30 MHz       #Res BW 100 kHz         5 Marker Table       Mode Trace	PDC Corr Freq	CCorr Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2 Ref Level 2.76 #Video BW 30	Avg Hold: 1 Trig: Free F 2.76 dB dBm	0/10 للمربع Lun F	₩₩₩₩₩	v	-2.21 dBm DL1-19.36 dBm
R     →     Coupling Align: Au       1     Spectrum       Scale/Div 10 dB     1       Log     1       -7.24     1       -17.2     1       -37.2     -37.2       -37.2     -37.2       -67.2     -57.2       -67.2     -57.2       -67.2     -57.2       -87.2     -57.2       -87.2     -57.2       -87.2     -57.2       -87.2     -57.2       -87.2     -57.2       -87.2     -57.2       -77.2     -77.2       -87.2     -57.2       -77.2     -77.2       -87.2     -57.2       -77.2     -77.2       -87.2     -57.2       -77.2     -77.2       -87.2     -57.2       -77.2     -77.2       -87.2     -57.2       -77.2     -77.2       -87.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2       -97.2     -77.2 <td< td=""><td>DC Corr Freq</td><td>CCorr Ref: Int (S)</td><td>39 GHz 33 GHz</td><td>Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2 Ref Level 2.76 #Video BW 30 Y -2.211 dBm -72.89 dBm</td><td>Avg Hold: 1 Trig: Free F 2.76 dB dBm 0 kHz</td><td>0/10 للمربع Lun F</td><td></td><td>Sweep ~2.</td><td>-2.21 dBm DL1-19.36 dBm</td></td<>	DC Corr Freq	CCorr Ref: Int (S)	39 GHz 33 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2 Ref Level 2.76 #Video BW 30 Y -2.211 dBm -72.89 dBm	Avg Hold: 1 Trig: Free F 2.76 dB dBm 0 kHz	0/10 للمربع Lun F		Sweep ~2.	-2.21 dBm DL1-19.36 dBm
R       ↔       Coupling         1 Spectrum       Scale/Div 10 dB       1         Scale/Div 10 dB       1       1         -7.24       1       1         -7.24       1       1         -7.24       1       1         -7.24       1       1         -7.24       1       1         -7.2       -7.2       -7.2         -37.2       -7.2       -7.2         -67.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -87.2       -7.2       -7.2         -9.3       -7.2       -7.2         -9.3       -7.2       -7.2         -9.3       -7.2       -7.2         -9.3       -7.2       -7.2         -9.3       -7.2	PDC Corr Freq ▼ Scale f f	CCorr Ref: Int (S)	4 39 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2 Ref Level 2.76 #Video BW 30	Avg Hold: 1 Trig: Free F 2.76 dB dBm 0 kHz	0/10 للمربع Lun F		Sweep ~2.	-2.21 dBm DL1-19.36 dBm
R     →     Coupling Align: Au       1     Spectrum       Scale/Div 10 dB     1       Log     1       -7.24     1       -17.2     1       -37.2     1       -37.2     -   <	DC Corr Freq	CCorr Ref: Int (S)	39 GHz 33 GHz 33 GHz 50 GHz 65 GHz 04 MHz	Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2 Ref Level 2.76 #Video BW 30 Y -2.211 dBm -74.08 dBm -74.08 dBm -74.08 dBm	Avg Hold: 1 Trig: Free F 2.76 dB dBm 0 kHz	0/10 لیے un F		Sweep ~2.	-2.21 dBm

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