

#### Test Data

# **Maximum Conducted Output Power**

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	ANT13	-3.382	30	Pass
NVNT	BLE	2442	ANT13	-2.614	30	Pass
NVNT	BLE	2480	ANT13	-2.837	30	Pass



			Test Gra	phs				
		Power	NVNT BLE 24	402MHz AN	T13			
Spectrum Analyzer 1 Swept SA	<b>+</b>							
KEYSIGHT Input: RF R T ↔ Coupling DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: I Avg Hold: 5 Trig: Free F	500/500 M ¥ Run	2 3 4 5 6 ∀₩₩₩₩ N N N N N		
1 Spectrum			Ref LvI Offset			I	Mkr1 2.402	176 8 GHz -3.38 dBm
Scale/Div 10 dB Log			Ref Level 20.0	IU dBm				-3.30 UDIII
10.0								
0.00				1				
-10.0								
-20.0								
-30.0								
-40.0								
-50.0								
-60.0								
-70.0								
Center 2.402000 GHz #Res BW 2.0 MHz			#Video BW 6	.0 MHz				Span 8.000 MHz ms (10001 pts)
	<b>?</b> Jul 04, 2024	$\mathbf{O}$						
		Power						
				442MH7 AN	T13			
Spectrum Analyzer 1		Fower	NVNT BLE 24	442MHz AN	T13			
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF	<b>ν</b> + Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast			0 3 4 5 6		
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T ++ Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)			Avg Type: I Avg[Hold: 5 Trig: Free f	_og-Power 1 2 500/500 M ∀	2 3 4 5 6 ∀₩₩₩₩ INNNN		
Swept SA KEYSIGHT R T  Coupling: DC Align: Auto 1 Spectrum Scale/Div 10 dB	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low	Avg Type: I Avg Hold & Trig: Free F 2.58 dB	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	2 193 6 GHz -2.61 dBm
Swept SA KEYSIGHT R T  Coupling: DC Align: Auto 1 Spectrum	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: I Avg Hold & Trig: Free F 2.58 dB	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA KEYSIGHT R T  Align: Auto I Spectrum Scale/Div 10 dB Log	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: I Avg Hold & Trig: Free F 2.58 dB	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA KEYSIGHT Input: RF R T  Align: Auto I Spectrum  Scale/Div 10 dB Log 10.0	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA KEYSIGHT Input: RF R T  Ispectrum Scale/Div 10 dB	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto  Scale/Div 10 dB Cog 10.0 0.00 -10.0	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA           KEYSIGHT         Input: RF           R         T         →         Auto           I Spectrum         ▼         Scale/Div 10 dB         ■           Log         ■         ■         ■         ■           10.0         ■	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA           KEYSIGHT         Input: RF           R         T         →         Coupling: DC Align: Auto           IV         Ispectrum         ▼           Scale/Div 10 dB         0         0         0           10.0         -         -         -         -           -20.0         -         -         -         -         -           -30.0         - <td>Input Ζ: 50 Ω Corr CCorr</td> <td></td> <td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset</td> <td>Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm</td> <td>_og-Power 1 2 500/500 M ∀</td> <td>* ₩ ₩ ₩ ₩ N N N N N</td> <td>Mkr1 2.442</td> <td></td>	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA           KEYSIGHT         Input: RF           R         T         T           I Spectrum         Y           Scale/Div 10 dB         Input: RF           Log         Input: RF           10.0         Input: RF	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA           KEYSIGHT         Input: RF           R         T         →         Coupling: DC Align: Auto           I         Spectrum         ▼           Scale/Div 10 dB         ■         ■           Log         ■         ■           10.0         ■         ■         ■           -10.0         ■         ■         ■           -20.0         ■         ■         ■           -40.0         ■         ■         ■           -50.0         ■         ■         ■	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free I 2.58 dB 0 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	Mkr1 2.442	
Swept SA           KEYSIGHT         Input: RF           R         T         Align: Auto           I Spectrum         V           Scale/Div 10 dB         O           Log         Imput: RF           10.0         Imput: RF           Scale/Div 10 dB         Imput: RF           Coupling: DC         Imput: RF           Scale/Div 10 dB         Imput: RF           20.0         Imput: RF           -30.0         Imput: RF           -40.0         Imput: RF           Imput: RF         Imput: RF           Imput: RF <td>Input Ζ: 50 Ω Corr CCorr</td> <td></td> <td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset</td> <td>Avg Type: 1 Avg Hold: 5 Trig: Free F 2.58 dB 00 dBm</td> <td>_og-Power 1 2 500/500 M ∀</td> <td>* ₩ ₩ ₩ ₩ N N N N N</td> <td></td> <td>-2.61 dBm</td>	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: 1 Avg Hold: 5 Trig: Free F 2.58 dB 00 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N		-2.61 dBm
Swept SA         KEYSIGHT       Input: RF         R       T         1 Spectrum       Y         Scale/Div 10 dB         Log	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Level 20.0	Avg Type: 1 Avg Hold: 5 Trig: Free F 2.58 dB 00 dBm	_og-Power 1 2 500/500 M ∀	* ₩ ₩ ₩ ₩ N N N N N	5 Sweep 1.33	-2.61 dBm
Swept SA         KEYSIGHT       Input: RF         R       T         1 Spectrum       Y         Scale/Div 10 dB         Log	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Level 20.0	Avg Type: 1 Avg Hold 5 Trig: Free F 0 dBm	Log-Power 1 2 500/500 Run P №	* ₩ ₩ ₩ ₩ N N N N N		-2.61 dBm







#### -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	ANT13	0.664	0.5	Pass
NVNT	BLE	2442	ANT13	0.663	0.5	Pass
NVNT	BLE	2480	ANT13	0.659	0.5	Pass







Öccup	um Analy ied BW			• +	-							
KEY R T	SIGHT .≁·	Input: R Coupling Align: A	g: DC	Input Z: 5 Corr CCo Freq Ref:	rr	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:		iHz		
1 Grap	h		v				Ref LvI Offset 2	2.60 dB			Mkr3 2.4803	32000 GHz
	/Div 10.0	dB					Ref Value 22.60					-8.92 dBm
Log 12.6												
2.60						2 01			<u> </u>			
-7.40												
-27.4												
-37.4												
-47.4												
-67.4												
	r 2.48000 BW 100.0						#Video BW 300	.00 kHz			Sweep 1.33	Span 2 MHz ms (10001 pts)
2 Metr	ics		V								·	
		000	upied Ban	dwidth								
				1.0522	MHz				Total Power		3.28 dBm	
			ismit Freq			3.081 kHz			% of OBW Pow	wer	99.00 %	
		x dB	Bandwid	h		658.7 kHz			x dB		-6.00 dB	
	5		]?	Jul 04, 1 6:08:15	2024 5 AM							



# **Occupied Channel Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	ANT13	1.02
NVNT	BLE	2442	ANT13	1.021
NVNT	BLE	2480	ANT13	1.019







Spec	trum An pied BV	nalyzer N	1	• +								
<b>KE</b> ' R 1 <i>L</i> M	YSIG⊦ ∫ •►	Co	ut: RF upling: DC gn: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten	: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low		eq: 2.48000000 : 1000/1000 i: None	0 GHz		
1 Gr			•				Ref LvI Offset :					
	e/Div 10	0.0 dB	}				Ref Value 22.6	0 dBm				
Log 12.6												
2.60												
-7.40							$\sim$					
-17.4								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m			
-27.4					- marine							
-37.4				mm p								
-47.4												
-57.4		*****	~~									man from the second
-67.4												
Cent	er 2.48	0000 C	GHz				#Video BW 91.	000 kHz	-			Span 3 MHz
#Res	5 BW 30	0.000 k	Hz								Sweep 3.33	ns (10001 pts)
2 Me	trics		•									
				-1								
			Occupied Ban	dwidth 1.0195 MHz					Total Power	r	4.16 dBm	
			Transmit Freq		2.401				% of OBW	Power	99.00 %	
			x dB Bandwid	n	1.276	MHZ			x dB		-26.00 dB	
	5	6	2	Jul 04, 2024 6:08:02 AM								



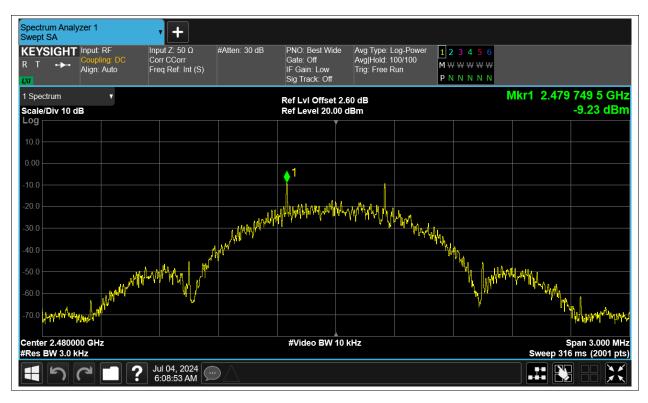
## **Maximum Power Spectral Density Level**

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	ANT13	-9.769	8	Pass
NVNT	BLE	2442	ANT13	-9.008	8	Pass
NVNT	BLE	2480	ANT13	-9.233	8	Pass











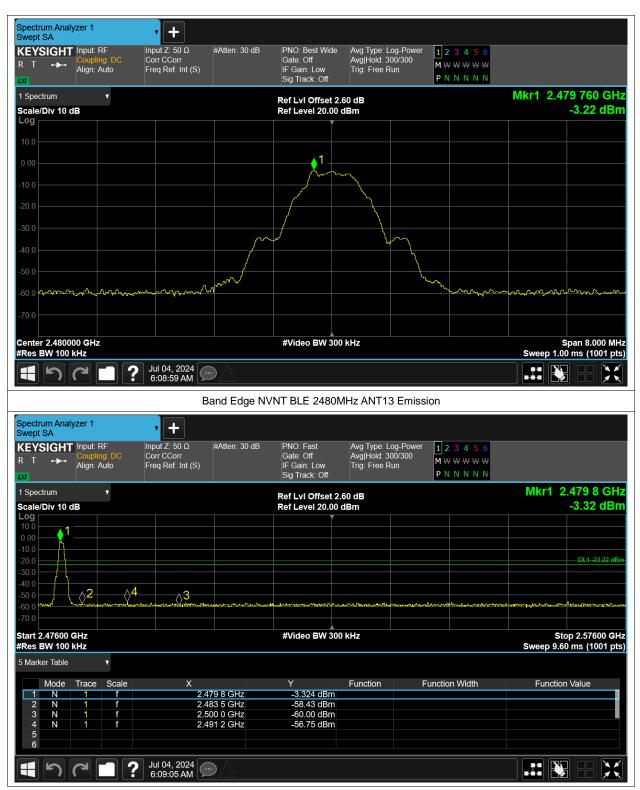
### **Band Edge**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	ANT13	-52.64	-20	Pass
NVNT	BLE	2480	ANT13	-53.53	-20	Pass



			Test Graph	hs		
		Band Edge	NVNT BLE 240	02MHz ANT13 R	lef	
Spectrum Analyzer 1 Swept SA	• +					
KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Powe Avg Hold: 300/300 Trig: Free Run	er 123456 M \ w \ w \ w \ w P N N N N N	
1 Spectrum			Ref LvI Offset 2.			Mkr1 2.401 752 GH
Scale/Div 10 dB Log			Ref Level 20.00	dBm		-3.73 dBi
10.0						
0.00			1			
-10.0				You want the second sec		
-20.0						
-30.0						
-40.0						
-50.0		- mal			h	
-60.0 mar have have a	v-m-manny	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			-Vmmon vor	man have been and the
-70.0						
Center 2.402000 GHz			#Video BW 300	) kHz		Span 8.000 MI
#Res BW 100 kHz	<b>?</b> Jul 04, 2024					Sweep 1.00 ms (1001 pt
	В	land Edge N∖				
		and Edge in	INT BLE 2402N	/Hz ANT13 Emi	ssion	
Spectrum Analyzer 1 Swept SA	▼ +			MHz ANT13 Emi	ssion	
Swept SA KEYSIGHT Input: RF R T Coupling: DC	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off	Avg Type: Log-Powe Avg Hold: 300/300	er 123456	
Swept SA KEYSIGHT Input: RF Coupling: DC	<b>Γ</b> Input Z: 50 Ω		PNO: Fast	Avg Type: Log-Powe		
Swept SA KEYSIGHT R T  Coupling: DC Align: Auto 1 Spectrum	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2.	Avg Type: Log-Pow Avg]Hold: 300/300 Trig: Free Run 56 dB	er <u>1</u> 23456 M₩₩₩₩₩₩	Mkr1 2.401 8 GH -3 63 dBi
Swept SA KEYSIGHT R T ++ Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Pow Avg]Hold: 300/300 Trig: Free Run 56 dB	er <u>1</u> 23456 M₩₩₩₩₩₩	Mkr1 2.401 8 GH -3.63 dBi
Swept SA KEYSIGHT R T  Align: Auto I Spectrum Scale/Div 10 dB Log	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2.	Avg Type: Log-Pow Avg]Hold: 300/300 Trig: Free Run 56 dB	er <u>1</u> 23456 M₩₩₩₩₩₩	
Swept SA           KEYSIGHT         Input: RF           R         T         +	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2.	Avg Type: Log-Pow Avg]Hold: 300/300 Trig: Free Run 56 dB	er <u>1</u> 23456 M₩₩₩₩₩₩	
Swept SA           KEYSIGHT         Input: RF:           R         T         →         Align: Auto           I         Spectrum         ▼           Scale/Div 10 dB         ■           Log         ■         ■           10.0         ■         ■           -10.0         ■         ■         ■           -20.0         ■         ■         ■           -40.0         ■         ■         ■	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2.	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er <u>1</u> 23456 M₩₩₩₩₩₩	-3.63 dBi
Swept SA           KEYSIGHT         Input: RF           R         T         Coupling: DC           Align: Auto         Align: Auto           I         Spectrum         V           Scale/Div 10 dB         0         0           10.0         0         0           -10.0         0         0           -30.0         0         0           -40.0         0         0           60.0         0         0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2.	Avg Type: Log-Pow Avg]Hold: 300/300 Trig: Free Run 56 dB	er <u>1</u> 23456 M₩₩₩₩₩₩	
Swept SA           KEYSIGHT         Input: RF           R         T         Coupling: DC           I Spectrum         V           Scale/Div 10 dB         V           10.0         0           -10.0         0           -20.0         0           -30.0         0           -40.0         0           -70.0         0           Start 2.30600 GHz	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Lvl Offset 2.	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er <u>1</u> 23456 M₩₩₩₩₩₩	-3.63 dBr
Swept SA           KEYSIGHT         Input: RF           R         T	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er <u>1</u> 23456 M₩₩₩₩₩₩	-3.63 dBi
Swept SA           KEYSIGHT         Input: RF           R         T         Auto           I Spectrum         V           Scale/Div 10 dB         Outomatic           Log         Imput: RF           0.00         Imput: RF           0.00         Imput: RF           I Spectrum         V           Scale/Div 10 dB         Imput: RF           Log         Imput: RF           0.00         Imput: RF           Scale/Div 10 dB         Imput: RF           Log         Imput: RF           0.00         Imput: RF </td <td>Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)</td> <td></td> <td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00</td> <td>Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm</td> <td>er 1 2 3 4 5 6 M W W W W W P N N N N N</td> <td>-3.63 dBr</td>	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er 1 2 3 4 5 6 M W W W W W P N N N N N	-3.63 dBr
Swept SA           KEYSIGHT         Input: RF           R         T	Lipput Z: 50 Ω Corr CCorr Freq Ref. Int (S)		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er <u>1</u> 23456 M₩₩₩₩₩₩	-3.63 dBr
Swept SA           KEYSIGHT         Input: RF           R         T         →         Coupling: DC Align: Auto           I Spectrum         ▼           Scale/Div 10 dB         ■           Log         ■         ■           10.0         ■         ■           20.0         ■         ■           30.0         ■         ■           40.0         ■         ■           Start 2.30600 GHz         #Res BW 100 kHz         ▼           Start 2.30600 GHz         ▼         ■           Mode         Trace         Scale           1         1         f           A         1         f	Linput Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 #Video BW 300 #Video BW 300	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er 1 2 3 4 5 6 M W W W W W P N N N N N	-3.63 dBr
Swept SA           KEYSIGHT         Input: RF           R         T         T           I Spectrum         V           Scale/Div 10 dB         Output: RF           Log         I           10.0         I           0.00         I           20.0         I           30.0         I           40.0         I           50.0         I           Kart 2.30600 GHz         I           Res BW 100 kHz         I           5 Marker Table         I           Mode         Trace         Scale           1         1         1         1	Linput Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 #Video BW 300 #Video BW 300 Y -3.634 dBm -58.87 dBm -57.77 dBm	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er 1 2 3 4 5 6 M W W W W W P N N N N N	-3.63 dBr
Swept SA           KEYSIGHT         Input: RF           R         T         T           I Spectrum         V           Scale/Div 10 dB         Outling: Du           Log         I         I           10.0         I         I           20.0         I         I           30.0         I         I           Start 2.30600 GHz         Res BW 100 kHz         I           5 Marker Table         I         I           Mode         Trace         Scale           1         I         I           4         N         I         I           4         N         I         I           5         I         I         I	Linput Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 #Video BW 300 #Video BW 300 Y -3.634 dBm -58.87 dBm -57.77 dBm	Avg Type: Log-Pow Avg Hold: 300/300 Trig: Free Run 56 dB dBm	er 1 2 3 4 5 6 M W W W W W P N N N N N	-3.63 dBr







# **Conducted RF Spurious Emission**

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	ANT13	-46.32	-20	Pass
NVNT	BLE	2442	ANT13	-46.99	-20	Pass
NVNT	BLE	2480	ANT13	-45.56	-20	Pass



			Test Graph	IS			
		Tx. Spurious	S NVNT BLE 24	02MHz ANT13 Re	ef		
Spectrum Analyzer 1 Swept SA	• +						
KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg Hold: 300/300 Trig: Free Run	1 2 3 4 5 6 M₩₩₩₩₩₩ P N N N N N		
1 Spectrum			Ref LvI Offset 2.			Mkr1 2.401	
Scale/Div 10 dB			Ref Level 20.00 o	JBm			-3.68 dBm
10.0							
0.00		<u>1</u>					
-10.0			······································		- mar and a more		
-20.0	~~~~					Marine Marine and Ma	
-30.0							man and a second
-40.0							للممهم رسيد
-50.0							
-70.0							
Center 2.4020000 GHz #Res BW 100 kHz			#Video BW 300	kHz			pan 1.500 MHz ) ms (1001 pts)
	Jul 04, 2024						
	0.04.07 AWI						
	T>	. Spurious N	VNT BLE 2402	MHz ANT13 Emis	sion		
Spectrum Analyzer 1 Swept SA	• +						
R T + Coupling: DC	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off	Avg Type: Log-Power Avg Hold: 10/10	$\begin{array}{c} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$		
Align: Auto	Freq Ref: Int (S)		IF Gain: Low Sig Track: Off	Trig: Free Run	PNNNN		
1 Spectrum			Ref Lvl Offset 2.	56 dB		Mkr1	
Scale/Div 10 dB							2.402 GHz
Log			Ref Level 20.00				2.402 GHz -6.35 dBm
10.0			Ref Level 20.00 o				
10.0			Ref Level 20.00 (				
10.0 0.00 -10.0 -20.0 -30.0							-6.35 dBm
10.0 0.00 -10.0 -20.0 -20.0 -30.0 -40.0 -50.0 	\$2 \$2	3	Ref Level 20.00 (		In the starting of the second se		-6.35 dBm
10.0 0.00 -10.0 -20.0 -30.0 -40.0	2	3			No Window and a shear		-6.35 dBm
10.0 0.00 -10.0 -20.0 -30.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 30 MHz	<u>}</u> 2}	3			Ar Molek - Articles - Allander		-6.35 dBm
10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0		3	4 				-6.35 dBm
10.0 0.00 -10.0 -20.0 -20.0 -30.0 -40.0 -50.0 -50.0 -70.0 Start 30 MHz #Res BW 100 kHz		3	4 	dBm			-6.35 dBm
10.0 0.00 -10.0 -20.0 -30.0 -30.0 -30.0 -50.0 -60.0 -70.0 Start 30 MHz #Res BW 100 kHz 5 Marker Table	X 2	3 .402 GHz .649 GHz	4 #Video BW 300	dBm	Function Width	Sweep ~2	-6.35 dBm
10.0 0.00 -10.0 -20.0 -20.0 -30.0 -40.0 -50.0 -50.0 -70.0 Start 30 MHz #Res BW 100 kHz 5 Marker Table Mode Trace Scale 1 N 1 f 3 N 1 f 4 N 1 f	X 2 4 7 9 9	.402 GHz .649 GHz .121 GHz .793 GHz	4 #Video BW 300 Y -6.348 dBm -54.24 dBm -55.67 dBm -54.54 dBm	dBm	Function Width	Sweep ~2	-6.35 dBm
10.0 0.00 -10.0 -20.0 -30.0 -50.0 -50.0 -70.	X 2 4 7 9 9	.402 GHz .649 GHz .121 GHz	4 #Video BW 300 ¥ -6.348 dBm -54.24 dBm -55.67 dBm	dBm	Function Width	Sweep ~2	-6.35 dBm
10.0 0.00 -10.0 -20.0 -20.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 30 MHz #Res BW 100 kHz 5 Marker Table V Mode Trace Scale 1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	X 2 4 7 9 9	.402 GHz .649 GHz .121 GHz .793 GHz .901 GHz	4 #Video BW 300 Y -6.348 dBm -54.24 dBm -55.67 dBm -54.54 dBm	dBm	Function Width	Sweep ~2	-6.35 dBm







