

Test Data

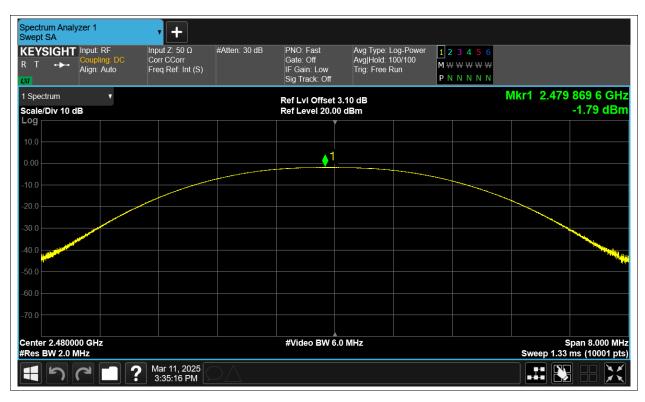
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	-2.432	30	Pass
NVNT	BLE	2442	Ant3	-1.398	30	Pass
NVNT	BLE	2480	Ant3	-1.791	30	Pass



			Test Grap	ohs			
		Power	r NVNT BLE 2	402MHz Ant3			
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: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Po Avg Hold: 100/100 Trig: Free Run		w	
1 Spectrum V			Ref LvI Offset	3.06 dB		Mkr1 2.401	1 915 2 GHz
Scale/Div 10 dB Log			Ref Level 20.00) dBm			-2.43 dBm
10.0							
0.00			1				
-10.0							
-20.0							
-30.0							
-40.0							The second s
-50.0							
-60.0							
-70.0							
Center 2.402000 GHz #Res BW 2.0 MHz			#Video BW 6.	0 MHz			Span 8.000 MHz 8 ms (10001 pts)
	Mar 11, 2025						
<u></u>	🔄 3:31:13 PM 🖒						
	3:31:13 PM [∑	Power	r NVNT BLE 2	442MHz Ant3			
Spectrum Analyzer 1 Swept SA	3:31:13 PM	Power	r NVNT BLE 2	442MHz Ant3			
Spectrum Analyzer 1		Power #Atten: 30 dB	r NVNT BLE 2 PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	442MHz Ant3 Avg Type: Log-Po Avg Hold: 100/100 Trig: Free Run	ower 12345 M₩₩₩₩₩ PNNNN	6 ₩	
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T Align: Auto I Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz -1.40 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T +++ Coupling: DC Align: Auto 1 Spectrum Scale/Div 10 dB Log	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T Align: Auto I Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T + Coupling: DC Align: Auto VV 1 Spectrum V Scale/Div 10 dB Log	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto VV 1 Spectrum v Scale/Div 10 dB Log	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T ++ Coupling: DC Align: Auto VV Scale/Div 10 dB Log 10.0 	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T I Spectrum Scale/Div 10 dB Log 10.0 .00 .00 .00	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto XV 1 Spectrum ▼ Scale/Div 10 dB Log 10.0 0.00 -20.0 -30.0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T ++ Goupling DC Align: Auto VV Scale/Div 10 dB Log 10.0 .00 .00 .00 .00 .00 .00 .0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto NI 1 Spectrum Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0 -30.0 -30.0 -50.0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/10 Trig: Free Run 3.08 dB	0 M ₩ ₩ ₩ ₩	6 ₩ N	1 948 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF R T Scale/Div 10 dB Log 10.0 .00 <t< td=""><td>Input Z: 50 Ω Corr CCorr</td><td></td><td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3</td><td>Avg Type: Log-Po Avg Hold: 100/100 Trig: Free Run 3.08 dB 0 dBm</td><td>0 M ₩ ₩ ₩ ₩</td><td>6 ₩ N Mkr1 2.441</td><td>1 948 0 GHz -1.40 dBm</td></t<>	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Po Avg Hold: 100/100 Trig: Free Run 3.08 dB 0 dBm	0 M ₩ ₩ ₩ ₩	6 ₩ N Mkr1 2.441	1 948 0 GHz -1.40 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T → Spectrum v Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Level 20.00	Avg Type: Log-Po Avg Hold: 100/100 Trig: Free Run 3.08 dB 0 dBm	0 M ₩ ₩ ₩ ₩	6 ₩ N Mkr1 2.441	1 948 0 GHz -1.40 dBm



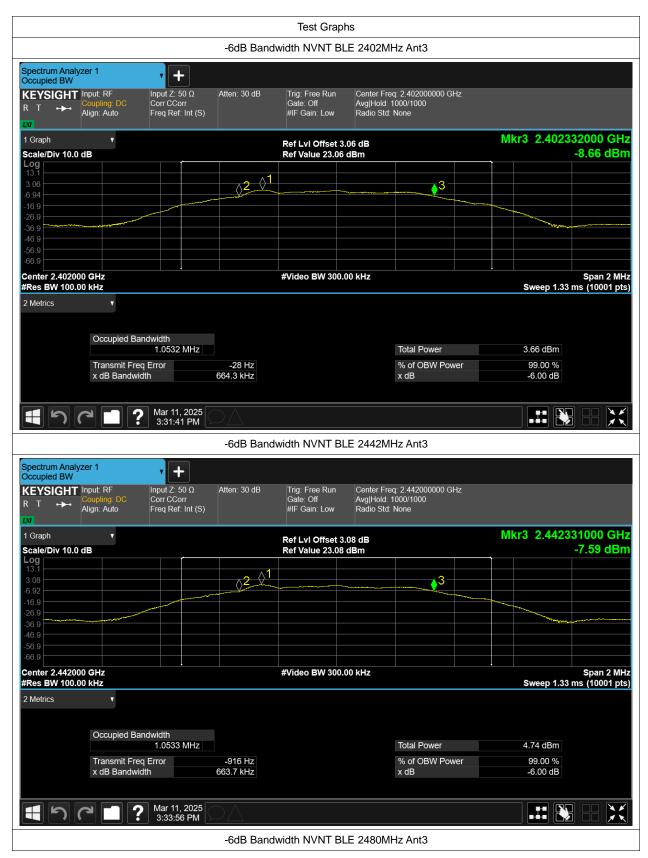




-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant3	0.664	0.5	Pass
NVNT	BLE	2442	Ant3	0.664	0.5	Pass
NVNT	BLE	2480	Ant3	0.659	0.5	Pass







Spectrum Occupied	BW			•	-							
		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:				
LXI												
1 Graph			•				Ref LvI Offset	3.10 dB		Mk		28000 GHz
Scale/Div	/ 10.0	dB					Ref Value 23.1	0 dBm				-7.78 dBm
Log 13.1												
3.10						<u> </u>			3			
-6.90												
-16.9												
-26.9 -36.9												
-46.9												
-56.9												
-66.9												
Center 2.4 #Res BW							#Video BW 300	.00 kHz			Sweep 1.33 r	Span 2 MHz ns (10001 pts)
2 Metrics			v									
		_										
		Occi	upied Ba	ndwidth 1.0531					Total Power		4.30 dBm	
		_				<i></i>						
			smit Fre Bandwi			-1.471 kHz 659.1 kHz			% of OBW Power x dB		99.00 % -6.00 dB	
		-X UD	Dandwi			000.1 1012			Xub		-0.00 UD	
4) (Mar 11, 3:35:4	2025 4 PM							



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant3	1.023
NVNT	BLE	2442	Ant3	1.023
NVNT	BLE	2480	Ant3	1.023







Spect Occup	rum Analy bied BW	zer 1		• +									
KEY R T	SIGHT ⊶⊷	Input: F Couplir Align: A	ig: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atter	n: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:		00 GI	Hz		
1 Gra	oh		v				Ref LvI Offset	3.10 dB					
	/Div 10.0	dB					Ref Value 23.10) dBm					
Log 13.1													
3.10													
-6.90							\frown	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~				
-16.9						~~~~				~			
-26.9 -36.9				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~									
-46.9												the second secon	
-56.9	$\sqrt{1}$	~~~~										<u></u>	www.
-66.9													
	r 2.48000						#Video BW 91.0	00 kHz					Span 3 MHz
#Res	BW 30.00)0 kHz										Sweep 3.33	ms (10001 pts)
2 Met	rics		•										
		•											
		Occ	cupied Ban	awiath 1.0233 MHz					Total Powe	٩r		5.18 dBm	
		Tro	nsmit Freq		-2.28				% of OBW			99.00 %	
			B Bandwidt		-2.20				x dB	POW		-26.00 dB	
	5		2?	Mar 11, 2025 3:35:30 PM	\mathbb{D}								



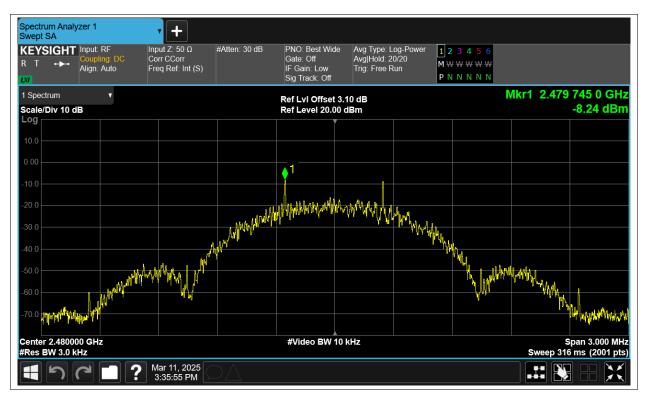
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	-8.893	8	Pass
NVNT	BLE	2442	Ant3	-7.861	8	Pass
NVNT	BLE	2480	Ant3	-8.236	8	Pass











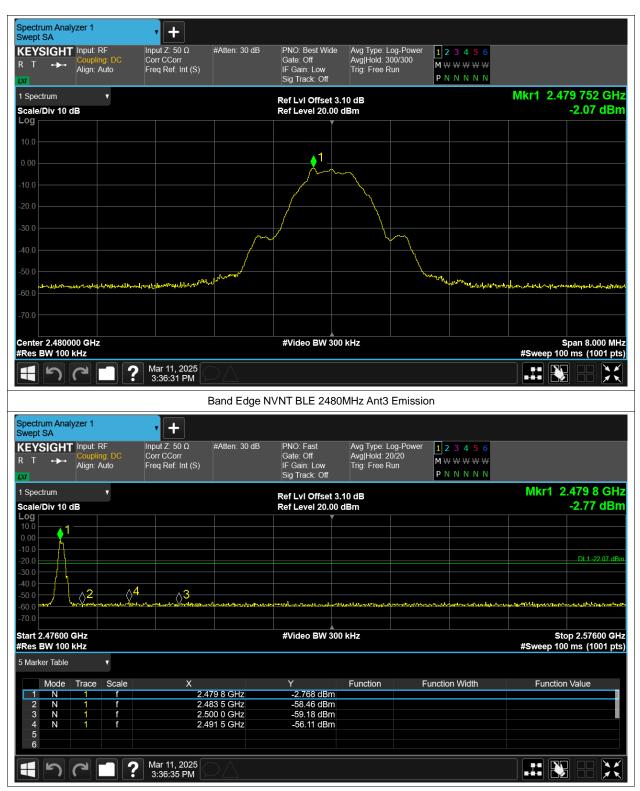
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-53.67	-20	Pass
NVNT	BLE	2480	Ant3	-54.04	-20	Pass



			Test Grap				
		Band Edge	NVNT BLE 24	402MHz Ant3 Ref			
Spectrum Analyzer 1 Swept SA	• +						
KEYSIGHT Input: RF R T ↔ Align: Auto		#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	123456 MWWWWW PNNNNN		
1 Spectrum			Ref LvI Offset 3	.06 dB		Mkr1 2.4	01 744 GHz
Scale/Div 10 dB Log			Ref Level 20.00				-2.79 dBm
10.0							
0.00			1				
			, m	~			
-10.0							
-20.0							
-30.0		\sim					
-40.0							
-50.0		Warman and			had a free of the second secon		
-60.0	gethere and the state of the second states of the s				Mar Marting Martin	han an a	᠄᠈᠕᠊ᡁ ᠕᠆ᢔᡗᢌᠥᢑᡳᠧᠰᡪᢧᡘ
-70.0							
Center 2.402000 GHz			#Video BW 300	0 kHz			Span 8.000 MHz
#Res BW 100 kHz						#Sweep 50.	0 ms (1001 pts)
	Mar 11, 2025 3:32:13 PM						
	B						
	-	and Luge N	VNT BLE 2402	2MHz Ant3 Emissi	on		
r Spectrum Analyzer 1 Swept SA	• +		VNT BLE 2402	2MHz Ant3 Emissi	on		
Swept SA KEYSIGHT Input: RF Coupling: DC	τ Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast	Avg Type: Log-Power	123456		
Swept SA KEYSIGHT Input: RF R T Align: Auto	• +		PNO: Fast Gate: Off IF Gain: Low				
Swept SA KEYSIGHT Input: RF R T Coupling: DC	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run	123456 M₩₩₩₩₩₩	Mkr1 2	.402 0 GHz
Swept SA KEYSIGHT R T Align: Auto LVV 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low	Avg Type: Log-Power Avg]Hold: 20/20 Trig: Free Run .06 dB	123456 M₩₩₩₩₩₩	Mkr1 2	.402 0 GHz -3.42 dBm
Swept SA KEYSIGHT R T Align: Auto Scale/Div 10 dB 10.0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3.	Avg Type: Log-Power Avg]Hold: 20/20 Trig: Free Run .06 dB	123456 M₩₩₩₩₩₩	Mkr1 2	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto V Scale/Div 10 dB Log 10.0 0.00 -10.0 V	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3.	Avg Type: Log-Power Avg]Hold: 20/20 Trig: Free Run .06 dB	123456 M₩₩₩₩₩₩	Mkr1 2	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T → Align: Auto Align: Auto I Spectrum ▼ Scale/Div 10 dB ■ Log ■ 10.0 ■ -20.0 ■ -30.0 ■	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3.	Avg Type: Log-Power Avg]Hold: 20/20 Trig: Free Run .06 dB	123456 M₩₩₩₩₩₩	Mkr1 2	
Swept SA KEYSIGHT Input: RF R T Auto I Spectrum V Scale/Div 10 dB Unit Log Input: RF 0.00 Input: RF 20.0 Input: RF	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3.	Avg Type: Log-Power Avg]Hold: 20/20 Trig: Free Run .06 dB	123456 M₩₩₩₩₩₩		-3.42 dBm
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 Indext/Notagenetic Publichagenetic Publichag	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3.	Avg Type: Log-Power Avg]Hold: 20/20 Trig: Free Run .06 dB	123456 M₩₩₩₩₩₩	Mkr1 2	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum ▼ Scale/Div 10 dB ■ Log ■ ■ 10.0 ■ ■ -10.0 ■ ■ ■ -20.0 ■ ■ ■ -30.0 ■ ■ ■ -40.0 ■ ■ ■	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3.	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm	123456 M₩₩₩₩₩₩	3 [⊥] eductive Str	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum ▼ Scale/Div 10 dB ■ Log ■ ■ 10.0 ■ ■ 20.0 ■ ■ ■ -10.0 ■ ■ ■ -20.0 ■ ■ ■ ■ -30.0 ■ <t< td=""><td>Input Z: 50 Ω Corr CCorr</td><td>#Atten: 30 dB</td><td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3 Ref Level 20.00</td><td>Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm</td><td>123456 M₩₩₩₩₩₩</td><td>3 [⊥]eductive Str</td><td>-3.42 dBm</td></t<>	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3 Ref Level 20.00	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm	123456 M₩₩₩₩₩₩	3 [⊥] eductive Str	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T Auto I Spectrum V Scale/Div 10 dB Outomation Log Image: Complexity of the second seco	Input 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 3 Ref Level 20.00	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm 		3 Statut #Sweep 50.	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T → Auto I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ □ 10.0 □ □ □ □ 20.0 □ □ □ □ 30.0 □ □ □ □ 40.0 □ □ □ □ 50.0 □ □ □ □ 50.0 □ □ □ □ 50.0 □ □ □ □ 50.0 □ □ □ □ 50.0 □ □ □ □ 770.0 Start 2.30600 GHz ▼ ■ ■ 5 Marker Table ▼ ■ ■ ■ ■	Linput Z' 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Level 20.00 #Video BW 300 Y -3.419 dBm	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm 	123456 M₩₩₩₩₩₩	3 [⊥] eductive Str	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T T I Spectrum V Scale/Div 10 dB U Log I 10.0 I 0.00 I I I I I I I I I I I I I I	Input 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 3 Ref Level 20.00 #Video BW 300 Y -3.419 dBm -60.31 dBm -58.55 dBm	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm 		3 Statut #Sweep 50.	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum v Scale/Div 10 dB Log 10.0 20.0 30.0 40.0 50.0 40.0 Start 2.30600 GHz ¥Res BW 100 kHz 5 Marker Table Mode Trace Scale 1 f 1 f 3 1 f 1 f 3 1 f 1 f 4 1 1 f 1 f	Input 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 3 Ref Level 20.00 V V #Video BW 300 Y -3.419 dBm -60.31 dBm	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm 		3 Statut #Sweep 50.	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T T I Spectrum V Scale/Div 10 dB Output: RF Log I 10.0 I 20.0 I 30.0 I 40.0 I Start 2.30600 GHz Res BW 100 kHz 5 Marker Table I Mode Trace Scale 1 1 f 3 1 1 4 1 1 1 5 6 6 6	Input 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 3 Ref Level 20.00 #Video BW 300 Y -3.419 dBm -60.31 dBm -58.55 dBm	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm 		#Sweep 50.	-3.42 dBm
Swept SA KEYSIGHT Input: RF R T T I Spectrum V Scale/Div 10 dB Output: RF Log I 10.0 I 20.0 I 30.0 I 40.0 I Start 2.30600 GHz Res BW 100 kHz 5 Marker Table I Mode Trace Scale 1 1 f 3 1 1 4 1 1 1 5 6 6 6	Input 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 3 Ref Level 20.00 #Video BW 300 Y -3.419 dBm -60.31 dBm -58.55 dBm -56.46 dBm	Avg Type: Log-Power Avg Hold: 20/20 Trig: Free Run .06 dB dBm 		3 Statut #Sweep 50.	-3.42 dBm







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-46.41	-20	Pass
NVNT	BLE	2442	Ant3	-46.44	-20	Pass
NVNT	BLE	2480	Ant3	-46.65	-20	Pass



		Test G	Graphs		
	Т	x. Spurious NVNT B	LE 2402MHz Ant3	Ref	
Spectrum Analyzer 1 Swept SA	• +				
KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto	Input Z: 50 Ω #A Corr CCorr Freq Ref: Int (S)	tten: 30 dB PNO: Best Gate: Off IF Gain: Lo Sig Track: 0	Avg Hold: 300/3 w Trig: Free Run		
1 Spectrum 🔻		Ref LvI Off	set 3.06 dB		Mkr1 2.401 751 0 GHz
Scale/Div 10 dB		Ref Level 2	20.00 dBm		-2.81 dBm
0.00		1	·/·····		
-10.0					man and a second s
-30.0					Month and a second seco
-40.0					
-60.0					
-70.0 Center 2.4020000 GHz		#Video B\	W 300 kHz		Span 1.500 MHz
#Res BW 100 kHz	Mar 11, 2025				Sweep 1.00 ms (1001 pts)
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T + Auto	Tx. 3 Tx. 3 Input Z: 50 Ω #A Corr CCorr #A	Spurious NVNT BLE	Avg Type: Log-F Avg Hold: 5/5		
Swept SA KEYSIGHT R T ↔ Coupling: DC Align: Auto	Tx. : • • • • • • • • • • • • • • • • • • •	.tten: 30 dB PNO: Fast Gate: Off IF Gain: Lo Sig Track: (Avg Type: Log-F Avg]Hold: 5/5 w Trig: Free Run Off	Power 123456	
Swept SA KEYSIGHT R T ↔ Coupling: DC Align: Auto 1 Spectrum Scale/Div 10 dB	Tx. 3 Tx. 3 Input Z: 50 Ω #A Corr CCorr #A	.tten: 30 dB PNO: Fast Gate: Off IF Gain: Lo Sig Track: (Avg Type: Log-F Avg Hold: 5/5 w Trig: Free Run Off set 3.06 dB	Power 123456 M₩₩₩₩₩₩	Mkr1 2.402 GHz -3.15 dBm
Swept SA KEYSIGHT R T Input: RF Coupling: DC Align: Auto I Scale/Div 10 dB Log	Tx. 3 Tx. 3 Input Z: 50 Ω #A Corr CCorr #A	tten: 30 dB PNO: Fast Gate: Off IF Gain: Lo Sig Track: 0 Ref Lvl Off	Avg Type: Log-F Avg Hold: 5/5 w Trig: Free Run Off set 3.06 dB	Power 123456 M₩₩₩₩₩₩	Mkr1 2.402 GHz
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum Y Scale/Div 10 dB 1 10.0 ↓ 10.0 ↓ 10.0 ↓ 10.0 ↓ 10.0 ↓ 10.0 ↓ -20.0 ↓ -30.0 ↓	Tx. 3 Tx. 3 Input Z: 50 Ω #A Corr CCorr #A	tten: 30 dB PNO: Fast Gate: Off IF Gain: Lo Sig Track: 0 Ref Lvl Off	Avg Type: Log-F Avg Hold: 5/5 w Trig: Free Run Off set 3.06 dB	Power 123456 M₩₩₩₩₩₩	Mkr1 2.402 GHz -3.15 dBm
Swept SA Input: RF R T Auto I Spectrum Auto I Spectrum Scale/Div 10 dB 10.0 -20.0 -30.0	Tx. 3	tten: 30 dB PNO: Fast Gate: Off IF Gain: Lo Sig Track: 0 Ref Lvl Off Ref Level 2	Avg Type: Log-F Avg Hold: 5/5 w Trig: Free Run Off set 3.06 dB	Power 123456 M₩₩₩₩₩₩	Mkr1 2.402 GHz -3.15 dBm DL1-22.81 dBm
Sivept SA KEYSIGHT Input: RF R T → Auto I Spectrum ▼ Scale/Div 10 dB ↓ ↓ 100 ↓ ↓ ↓ 100 ↓ ↓ ↓ ↓ 200 ↓	Tx. 3	tten: 30 dB PNO: Fast Gate: Off IF Gain: Lo Sig Track: 0 Ref Lvl Off Ref Level 2	Avg Type: Log-F Avg Hold: 5/5 Trig: Free Run Set 3.06 dB 0.00 dBm	Power 123456 M₩₩₩₩₩₩	Mkr1 2.402 GHz -3.15 dBm DL1-22.81 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum V Scale/Div 10 dB Log 1 100 1 1 Scale/Div 10 dB 1 1 Scale/Div 10 dB 1	Tx. 3 Tx. 3 Input Z 50 Ω Corr CCorr Freq Ref. Int (S)	tten: 30 dB PNO: Fast Gate: Off IF Gain: Lor Sig Track (Ref Lvl Off Ref Level 2 #Video BN #Video BN 2 GHz -3.154 c 9 GHz -52.01 c 1 GHz -53.68 c 3 GHz -52.97 c	Avg Type: Log-F Avg Hold: 5/5 Trig: Free Run Set 3.06 dB 20.00 dBm	Power 123456 M₩₩₩₩₩₩	Mkr1 2.402 GHz -3.15 dBm DL1-22.81 dBm
Swept SA KEYSIGHT Input: RF R T → Auto 1 Spectrum ▼ Scale/Div 10 dB 0 0 0 100 1 1 0 1 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 5 Start 30 MHz #Res BW 100 kHz 5 Mode Trace Scale 1 <th1< th=""> 1 <th1< th=""> <</th1<></th1<>	Tx. : Tx. : Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	tten: 30 dB PNO: Fast Gate: Off IF Gain: Lor Sig Track (Ref Lvl Off Ref Level 2 #Video BN #Video BN 2 GHz -3,154 c 3 GHz -52.01 c 3 GHz -52.07 c	Avg Type: Log-F Avg Hold: 5/5 Trig: Free Run Set 3.06 dB 20.00 dBm	Power 1 2 3 4 5 6 M W <td>Mkr1 2.402 GHz -3.15 dBm DL1-22 81 dBm 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5</td>	Mkr1 2.402 GHz -3.15 dBm DL1-22 81 dBm 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5







