

Test Data

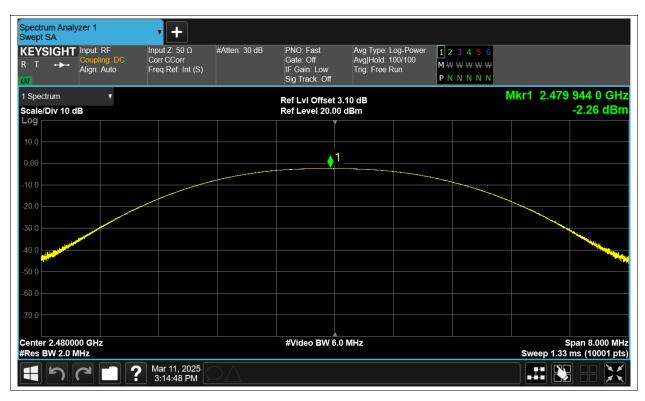
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	-2.828	30	Pass
NVNT	BLE	2442	Ant3	-1.79	30	Pass
NVNT	BLE	2480	Ant3	-2.265	30	Pass



			Test Gra	aphs				
		Power	NVNT BLE	2402MHz Ant3				
Spectrum Analyzer 1 Swept SA	• +							
KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto	Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run	00 M ₩ ł	3 4 5 6 ₩₩₩₩ N N N N		
1 Spectrum v			Ref LvI Offset			Ν	/kr1 2.401	983 2 GHz
Scale/Div 10 dB Log			Ref Level 20.0	00 dBm				-2.83 dBm
10.0								
0.00			<u> </u>	1				
-10.0								
-20.0								
-30.0								
10.0								
-50.0								A CONTRACTOR OF A CONTRACTOR OFTA CONT
-60.0								
-70.0								
-10.0								
Center 2.402000 GHz #Res BW 2.0 MHz			#Video BW 6	6.0 MHz			s Sweep 1.33	Span 8.000 MHz ms (10001 pts)
4 7 7 1	Mar 11, 2025 3:09:40 PM							
		Power	NVNT BLE	2442MHz Ant3				
Spectrum Analyzer 1	, –	Power	NVNT BLE	2442MHz Ant3				
Swept SA KEYSIGHT Input: RF	φ	Power #Atten: 30 dB	PNO: Fast	Avg Type: Log-F		3 4 5 6		
Swept SA KEYSIGHT R T ↔ Coupling: DC Align: Auto	Input Z: 50 Ω		PNO: Fast Gate: Off IF Gain: Low		00 M ₩ \	3 4 5 6 ₩₩₩₩ N N N N		
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	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz -1.79 dBm
Swept SA KEYSIGHT Input: RF R T Align: Auto 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T Align: Auto LV 1 Spectrum 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 Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto 1 Spectrum ▼ Scale/Div 10 dB Log 10.0 0.00	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T ISpectrum Scale/Div 10 dB 0.00 -10.0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log ■ ■ ■ ■ 10.0 ■ <td>Input Z: 50 Ω Corr CCorr</td> <td></td> <td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0</td> <td>Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm</td> <td>00 M ₩ \</td> <td>₩₩₩₩ N N N N</td> <td></td> <td>934 4 GHz</td>	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T ISpectrum Scale/Div 10 dB 0.00 -10.0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log ■ ■ ■ ■ 10.0 ■ <td>Input Z: 50 Ω Corr CCorr</td> <td></td> <td>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0</td> <td>Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm</td> <td>00 M ₩ \</td> <td>₩₩₩₩ N N N N</td> <td></td> <td>934 4 GHz</td>	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC 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 Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I 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 Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T ← Coupling: DC I Spectrum ▼ Scale/Div 10 dB ● Log □ □ □ 10.0 □ □ □ 10.0 □ □ □ 10.0 □ □ □ 10.0 □ □ □ 20.0 □ □ □ -20.0 □ □ □ -40.0 □ □ □ -50.0 □ □ □	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run t 3.08 dB 00 dBm	00 M ₩ \	₩₩₩₩ N N N N		934 4 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ 10.0 □ □ □ 10.0 □ □ □ 20.0 □ □ □ -10.0 □ □ □ -20.0 □ □ □ -30.0 □ □ □ -60.0 □ □ □ □ -70.0 □ □ □ □ Center 2.442000 GHz □ □ □	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run 00 dBm	00 M ₩ \	₩₩₩₩ N N N N	Akr1 2.441	934 4 GHz -1.79 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ □ 10.0 □ □ □ □ -10.0 □ □ □ □ -20.0 □ □ □ □ -30.0 □ □ □ □ -50.0 □ □ □ □ -60.0 □ □ □ □ □ Center 2.442000 GHz #Res BW 2.0 MHz □ □ □	Mar 11, 2025		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run 00 dBm	00 M ₩ \	₩₩₩₩ N N N N	Akr1 2.441	934 4 GHz -1.79 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ 10.0 □ □ □ 10.0 □ □ □ 20.0 □ □ □ -10.0 □ □ □ -20.0 □ □ □ -30.0 □ □ □ -60.0 □ □ □ □ -70.0 □ □ □ □ Center 2.442000 GHz □ □ □	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Level 20.0	Avg Type: Log-F Avg Hold: 100/1 Trig: Free Run 00 dBm	00 M ₩ \	₩₩₩₩ N N N N	Akr1 2.441	934 4 GHz -1.79 dBm







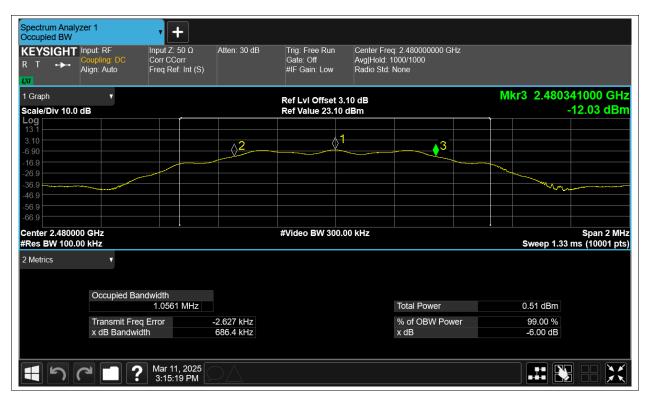
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant3	0.684	0.5	Pass
NVNT	BLE	2442	Ant3	0.685	0.5	Pass
NVNT	BLE	2480	Ant3	0.686	0.5	Pass











Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant3	1.055
NVNT	BLE	2442	Ant3	1.055
NVNT	BLE	2480	Ant3	1.056











Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant3	-9.213	8	Pass
NVNT	BLE	2442	Ant3	-8.219	8	Pass
NVNT	BLE	2480	Ant3	-8.688	8	Pass











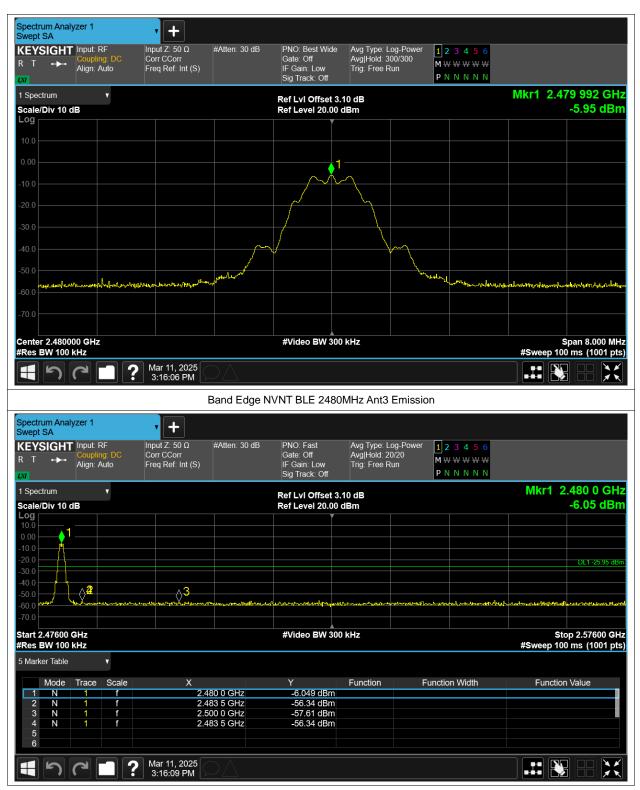
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-49.89	-20	Pass
NVNT	BLE	2480	Ant3	-50.39	-20	Pass



			Test Gra	iphs		
		Band Edg	e NVNT BLE	2402MHz Ant3	Ref	
Spectrum Analyzer 1 Swept SA	• +					
KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Best Wid Gate: Off IF Gain: Low Sig Track: Off	te Avg Type: Log- Avg Hold: 300/3 Trig: Free Run		N
1 Spectrum v			Ref LvI Offset	3.06 dB		Mkr1 2.402 000 GHz
Scale/Div 10 dB Log			Ref Level 20.0	00 dBm		-6.47 dBm
10.0						
0.00				1		
-10.0			\sim			
-20.0						
-30.0						
-40.0			\vee			
-50.0	ا مران ا مر ا مر ا الرو	What was a stranger of the str			What we ard a set	and liptoral anona a law the word have a flatter
-60.0	handhaattan ahan ahaan ahaa ahaa ahaa ahaa a					santoolahttonaalinaaanaantaapiiloonaaadhadaanaafaantaapiiloonaadhadaanaanaanaanaanaanaanaanaanaanaanaanaa
-70.0						
Center 2.402000 GHz			#Video BW 3	300 kHz		Span 8.000 MHz
#Res BW 100 kHz		~ ^				#Sweep 50.0 ms (1001 pts)
4 h C 1 ?	Mar 11, 2025 3:10:41 PM					
	E	Band Edge N	NVNT BLE 24	02MHz Ant3 Er	mission	
Spectrum Analyzer 1		Band Edge N	IVNT BLE 24	02MHz Ant3 Er	nission	
Swept SA	Γ	Band Edge N #Atten: 30 dB	PNO: Fast	Avg Type: Log-	Power 1 2 3 4 5	
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto	• +		PNO: Fast Gate: Off IF Gain: Low		Power 12345 0 M \ \ \ \ \ \ \ \ \ \ \	6 #
Swept SA KEYSIGHT Input: RF R T LW Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log- Avg Hold: 20/20 Trig: Free Run	Power 12345	6 ₩ N
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto LV 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low	Avg Type: Log- Avg]Hold: 20/2(Trig: Free Run : 3.06 dB	Power 12345 0 M \ \ \ \ \ \ \ \ \ \ \	6 ₩ N
Swept SA KEYSIGHT Input: RF R T \leftrightarrow Coupling: DC Align: Auto 1 Spectrum \checkmark	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Log- Avg]Hold: 20/2(Trig: Free Run : 3.06 dB	Power 12345 0 M \ \ \ \ \ \ \ \ \ \ \	6 ₩ N Mkr1 2.402 0 GHz
Swept SA KEYSIGHT Input: RF R T Align: Auto VV 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	Avg Type: Log- Avg]Hold: 20/2(Trig: Free Run : 3.06 dB	Power 12345 0 M \ \ \ \ \ \ \ \ \ \ \	6 ₩ N Mkr1 2.402 0 GHz
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto LN 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	Avg Type: Log- Avg]Hold: 20/2(Trig: Free Run : 3.06 dB	Power 12345 0 M \ \ \ \ \ \ \ \ \ \ \	6 ₩ N Mkr1 2.402 0 GHz
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum V Scale/Div 10 dB 0 100 0 -100 0 -200 0 -300 0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Log- Avg]Hold: 20/2(Trig: Free Run : 3.06 dB	Power 12345 M W W W W P N N N N	6 W Mkr1 2.402 0 GHz -6.55 dBm DL1 2647 dBm
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Log- Avg]Hold: 20/2(Trig: Free Run : 3.06 dB	Power 12345 0 M \ \ \ \ \ \ \ \ \ \ \	6 ₩ N Mkr1 2.402 0 GHz
Swept SA KEYSIGHT Input: RF R T I Spectrum V Scale/Div 10 dB Log 10.0 20.0 -30.0 -60.0 -70.0	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.06 dB 00 dBm	Power 12345 M W W W W P N N N N	6 ₩ Mkr1 2.402 0 GHz -6.55 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Ispectrum V 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	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.06 dB 00 dBm	Power 12345 M W W W W P N N N N	6 4 Mkr1 2.402 0 GHz -6.55 dBm 0L1-24 dBm 0L1-24 dBm 0L1-24 dBm 0L1-24 dBm Stop 2.40600 GHz
Swept SA KEYSIGHT Input: RF R T Coupling: DC INV Align: Auto I Spectrum V Scale/Div 10 dB O Log O 10.0 O 20.0 O 30.0 O -0.0 O	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.06 dB 00 dBm	Power 12345 M W W W W P N N N N	6 4 Mkr1 2.402 0 GHz -6.55 dBm 0L1-24 dBm 0L1-24 dBm 0L1-24 dBm 0L1-24 dBm Stop 2.40600 GHz
Swept SA KEYSIGHT R T Scale/Div 10 dB Cog 1 Spectrum Scale/Div 10 dB Cog 0.00 0.0	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 Ref Level 20.0	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.0.6 dB 00 dBm	Power 12345 M W W W W P N N N N	6 4 Mkr1 2.402 0 GHz -6.55 dBm 0L1-24 dBm 0L1-24 dBm 0L1-24 dBm 0L1-24 dBm Stop 2.40600 GHz
Swept SA KEYSIGHT Input: RF R T Coupling: DC IN Scale/Div 10 dB Scale/Div 10 dB Log	T + 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 # #Video BW 3 #Video BW 3	Avg Type: Log- Avg Hold: 20/2t Trig: Free Run 3.06 dB 00 dBm 4	Power 1 2 3 4 M W W W P N N N	6 Mkr1 2.402 0 GHz -6.55 dBm DL1 -26.47 dBm DL1 -26.47 dBm Stop 2.40600 GHz #Sweep 50.0 ms (1001 pts)
Swept SA KEYSIGHT Input: RF Coupling: DC R T Imput: RF Scale/Div Coupling: DC Align: Auto Scale/Div 0 dB Imput: RF Start Coupling: DC Imput: RF Mode Trace Scale 1 1 f Mode Trace Scale 1 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 Level 20.0 Ref Level 20.0 # # Video BW 3 # Video BW 3	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.06 dB 00 dBm 3.06 dB 3.06 dB 3	Power 1 2 3 4 M W W W P N N N	6 Mkr1 2.402 0 GHz -6.55 dBm DL1 -26.47 dBm DL1 -26.47 dBm Stop 2.40600 GHz #Sweep 50.0 ms (1001 pts)
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum ▼ Scale/Div 10 dB ■ Log ■ ■ 100 ■ ■ -200 ■ ■ -30.0 ■ ■ -400 ■ ■ -30.0 ■ ■ -30.0 ■ ■ -70.0 ■ ■ Start 2.30600 GHz #Res EW 100 kHz ▼ Mode Trace Scale 1 1 1	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 Ref Level 20.0 #Video BW 3 #Video BW 3 Y -6.552 dBr -58.12 dBr -58.15 dBr	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.06 dB 00 dBm 3.06 dB 3.06 dB 3	Power 1 2 3 4 M W W W P N N N	6 Mkr1 2.402 0 GHz -6.55 dBm DL1 -26.47 dBm DL1 -26.47 dBm Stop 2.40600 GHz #Sweep 50.0 ms (1001 pts)
Swept SA KEYSIGHT Input: RF R T Imput: RF Ispectrum Imput: RF Scale/Div 10 dB Imput: RF Log Imput: RF 1 Spectrum Imput: RF Scale/Div 10 dB Imput: RF Log Imput: RF 1 Spectrum Imput: RF Start 2.30600 Imput: RF Start 2.30600 Hz Start 3.0000 Hz Start 4.30600 Hz	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 Ref Level 20.0 #Video BW 3 #Video BW 3 Y -6.552 dBr -58.12 dBr -58.15 dBr	Avg Type: Log- Avg Hold: 20/2(Trig: Free Run 3.06 dB 00 dBm 3.06 dB 3.06 dB 3	Power 1 2 3 4 M W W W P N N N	6 Mkr1 2.402 0 GHz -6.55 dBm DL1-264 dBm DL1-264 dBm Stop 2.40600 GHz #Sweep 50.0 ms (1001 pts)







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant3	-42.48	-20	Pass
NVNT	BLE	2442	Ant3	-43.22	-20	Pass
NVNT	BLE	2480	Ant3	-42.94	-20	Pass



			Test Grap	hs			
		Tx. Spuriou	us NVNT BLE 2	2402MHz Ant3 F	Ref		
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-Pov Avg Hold: 300/300 Trig: Free Run			
1 Spectrum 🔹			Ref LvI Offset 3	.06 dB		Mkr1 2.402 0	
Scale/Div 10 dB Log			Ref Level 20.00			-	6.50 dBm
10.0							
0.00							
-10.0				1			
-20.0							
-30.0							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-40.0							ب ر ,
-50.0							
-60.0							
-70.0							
Center 2.4020000 GHz			#Video BW 30	0 kHz		Spa	an 1.500 MHz
#Res BW 100 kHz	A 14 0005	~ ^				Sweep 1.00 n	ns (1001 pts)
	? Mar 11, 2025 3:10:50 PM						
	T	x. Spurious	NVNT BLE 240	2MHz Ant3 Emi	ssion		
Spectrum Analyzer 1 Swept SA	τ: •	x. Spurious	NVNT BLE 240	02MHz Ant3 Emi	ssion		
Swept SA KEYSIGHT Input: RF Coupling: DC	Input Z: 50 Ω Corr CCorr	x. Spurious	PNO: Fast Gate: Off	Avg Type: Log-Pov Avg Hold: 5/5	ver 123456		
Swept SA KEYSIGHT Input: RF Counting: DC	τ		PNO: Fast	Avg Type: Log-Pov			
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 LvI Offset 3	Avg Type: Log-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		.402 GHz
Swept SA KEYSIGHT 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	Avg Type: Log-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		.402 GHz 6.64 dBm
Swept SA KEYSIGHT R T → Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 0.00	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3	Avg Type: Log-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		
Swept SA KEYSIGHT Input: RF R T Align: Auto I Spectrum 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-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		
Swept SA KEYSIGHT R T → Input: RF Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 -10.0	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-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		6.64 dBm
Sivept SA Input: RF R T → 1 Spectrum ✓ 1 Spectrum ✓ Scale/Div 10 dB ✓ 10.0 ✓ -20.0 ✓ -30.0 ✓	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 3 Ref Level 20.00	Avg Type: Log-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		
Sivept SA Input: RF R T → 1 Spectrum ▼ Scale/Div 10 dB 1 10.0 ↓ -10.0 ↓ -30.0 ↓	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-Pov Avg]Hold: 5/5 Trig: Free Run 2.06 dB	ver 123456 M ₩ ₩ ₩ ₩ ₩		6.64 dBm
Swept SA Input: RF R T T 1 Spectrum Align: Auto 1 Spectrum Imput: RF Scale/Div 10 dB Imput: RF 10.0 Imput: RF	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-Pov Avg Hold: 5/5 Trig: Free Run	ver 123456 M ₩ ₩ ₩ ₩ ₩		6.64 dBm
Sivept SA KEYSIGHT Input: RF R T → Coupling: DC Ispectrum ▼ Scale/Div 10 dB ■ Log 1 ■ ■ ■ 10.0 ● ■ ■ ■ 20.0 ● ■ ■ ■ 30.0 ● ■ ■ ■ -70.0 ■ ■ ■ ■	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-Pov Avg Hold: 5/5 Trig: Free Run	ver 123456 M ₩ ₩ ₩ ₩ ₩		6.64 dBm
Swept SA KEYSIGHT R T Input: RF Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 -	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 3 Ref Level 20.00	Avg Type: Log-Pov Avg Hold: 5/5 Trig: Free Run	ver 123456 M ₩ ₩ ₩ ₩ ₩		6.64 dBm
Swept SA Input: RF R T Coupling: DC Align: Auto 1 Spectrum Imput: RF Coupling: DC Align: Auto 1 Spectrum Imput: RF Coupling: DC Align: Auto 1 Spectrum Imput: RF Imput: RF Coupling: DC Align: Auto 1 Spectrum Imput: RF Imput: RF Imput: RF Align: Auto 1 Spectrum Imput: RF Imput: RF<	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 3 Ref Level 20.00 # #Video BW 30 #Video BW 30	Avg Type: Log-Pov Avg Hold: 5/5 Trig: Free Run	ver 1 2 3 4 5 6 M W W W W W P N N N N N 		6.64 dBm
Swept SA Input: RF R T	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 3 Ref Level 20.00 # #Video BW 30 # Y -6.636 dBm -52.47 dBm -53.96 dBm -53.96 dBm	Avg Type: Log-Pov Avg Hold: 5/5 Trig: Free Run	ver 1 2 3 4 5 6 M W W W W W P N N N N N 		6.64 dBm
Swept SA KEYSIGHT Input: RF R T Ispectrum Coupling: DC Ispectrum Ispectrum Scale/Div 10 dB Log 1 100 1 1 1 1 1 Start 30 MHz Frace W 100 kHz 5 Marker Table Mode Trace Scale 1 1 f 3 N 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 3 Ref Level 20.00 #Video BW 30 #Video BW 30	Avg Type: Log-Pov Avg Hold: 5/5 Trig: Free Run	ver 1 2 3 4 5 6 M W W W W W P N N N N N 		6.64 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB Log 1 1 1 100 1 1 1 ->0 1 1 1 ->0 1 1 1 ->0 1 1 1 ->0 ->1 1 1 ->0 ->1 1 1 ->0 ->1 1 1 ->0 ->1 1 1 ->0 ->1 1 1 ->0 ->1 1 1 ->0 ->1 1 1 1 Start 30 MHz ->1 1 1 1 ->1 1 1 1 1 ->1 1 1 1 1 ->1 1 1 1 <th1< th=""> ->1</th1<>	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 3 Ref Level 20.00 # #Video BW 30 # Y -6.636 dBm -52.47 dBm -53.96 dBm -53.96 dBm	Avg Type: Log-Pov Avg Hold: 5/5 Trig: Free Run	ver 1 2 3 4 5 6 M W W W W W P N N N N N 		6.64 dBm







