

Test Data

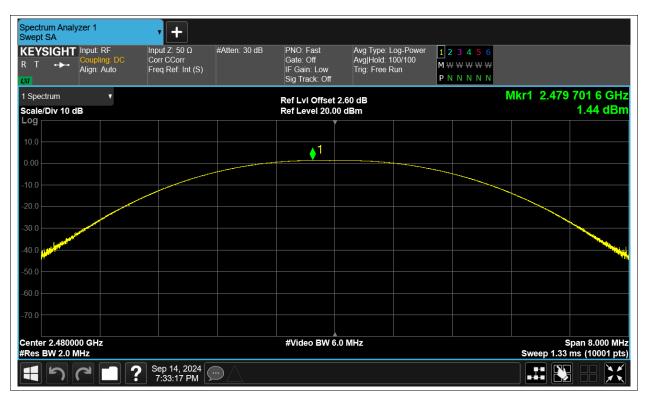
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant0	0.993	30	Pass
NVNT	BLE	2442	Ant0	2.145	30	Pass
NVNT	BLE	2480	Ant0	1.442	30	Pass



			Test Gra	-				
		Power	NVNT BLE 2	2402MHz An	tO			
Spectrum Analyzer 1 Swept SA	• +							
KEYSIGHT Input: RF R T ↔ Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Lo Avg Hold: 10 Trig: Free Ri	00/100 M +	2 3 4 5 6 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
1 Spectrum			Ref LvI Offset				Mkr1 2.402	
Scale/Div 10 dB Log			Ref Level 20.0	0 dBm				0.99 dBm
10.0								
0.00				♦ 1				
-10.0								
-20.0								
-30.0								
-40.0								
-50.0								and a second
-60.0								
-70.0								
-10.0								
Center 2.402000 GHz #Res BW 2.0 MHz			#Video BW 6	.0 MHz			Sweep 1.33	Span 8.000 MHz ms (10001 pts)
4 7 77 ?	Sep 14, 2024 7:28:10 PM	\cdot						
	7.20.10 FWI							
	7.20.10 PM	Power	NVNT BLE 2	2442MHz An	tO			
Spectrum Analyzer 1	• • • •	Power	NVNT BLE 2	2442MHz An	tO			
Swept SA KEYSIGHT Input: RF Coupling: DC	+ Input Z: 50 Ω	Power #Atten: 30 dB	PNO: Fast	Avg Type: Lo	og-Power 1	23456		
Swept SA	, +				og-Power 1 00/100 M \ un M \	23456 ₩₩₩₩₩ NNNNN		
Swept SA KEYSIGHT Input: RF 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: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB	og-Power 1 00/100 M \ un M \	₩₩₩₩₩	Mkr1 2.442	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto 1 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: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF 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 Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		097 6 GHz
Swept SA KEYSIGHT R T J Spectrum 1 Spectrum Scale/Div 10 dB Log 10.0 0.00	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		097 6 GHz
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 -10.0	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		097 6 GHz
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum ▼ Scale/Div 10 dB 0.00 10.0 0.00 -10.0 0.00	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF R T → I Spectrum ✓ Scale/Div 10 dB ✓ 10.0 ✓ -20.0 ✓ -30.0 ✓	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ □ 10.0 □ □ □ □ □ -10.0 □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ <th□< td=""><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: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm</td><td>og-Power 1 00/100 M \ un M \</td><td>₩₩₩₩₩</td><td></td><td>2 097 6 GHz</td></th□<>	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF R T → Goupling: DC Align: Auto IV Ispectrum ▼ Scale/Div 10 dB Log □ □ □ 10.0 □ □ □ 10.0 □ □ □ 10.0 □ □ □ 20.0 □ □ □ -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: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ □ 10.0 □ □ □ □ -10.0 □ □ □ □ -30.0 □ □ □ □ -30.0 □ □ □ □ -60.0 □ □ □ □	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF R T → Goupling: DC Align: Auto IV Ispectrum ▼ Scale/Div 10 dB Log □ □ □ 10.0 □ □ □ 10.0 □ □ □ 10.0 □ □ □ 20.0 □ □ □ -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: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩		2 097 6 GHz
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB 0 Log 0 0 10.0 0 0 -10.0 0 0 -20.0 0 0 -30.0 0 0 -60.0 0 0 -70.0 0 0 Center 2.442000 GHz 0	Input Ζ: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩	Mkr1 2.442	2 097 6 GHz 2.14 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC I Spectrum ▼ Scale/Div 10 dB ■ Log □ □ □ □ 10.0 □ □ □ □ -10.0 □ □ □ □ -30.0 □ □ □ □ -50.0 □ □ □ □ -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 Level 20.0	Avg Type: Lo Avg Hold: 10 Trig: Free Ri 2.58 dB 0 dBm	og-Power 1 00/100 M \ un M \	₩₩₩₩₩	Mkr1 2.442	2 097 6 GHz 2.14 dBm







-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant0	0.657	0.5	Pass
NVNT	BLE	2442	Ant0	0.663	0.5	Pass
NVNT	BLE	2480	Ant0	0.66	0.5	Pass







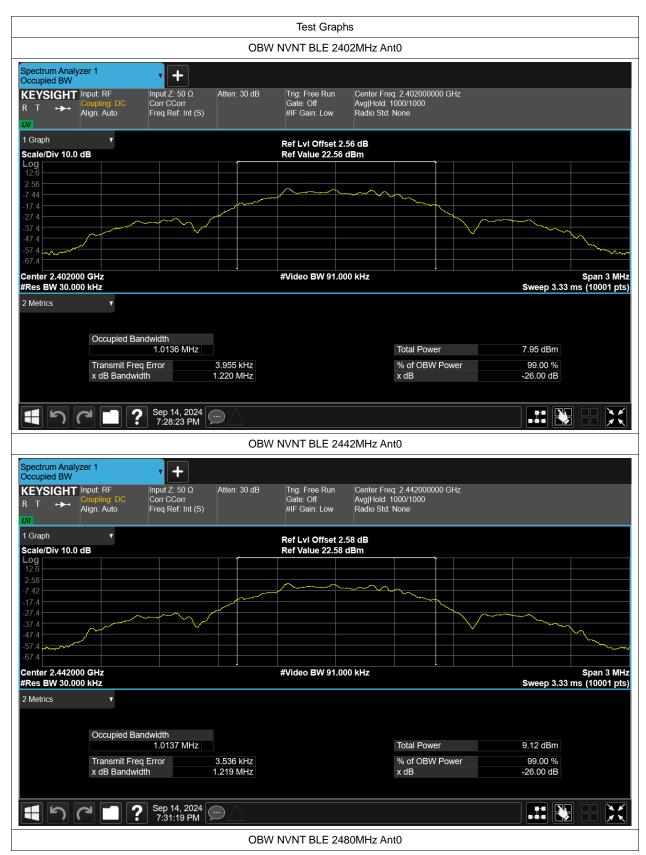
	um Analy ied BW	zer 1	• +					
KEY R T	SIGHT .≁	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 2.480000000 GHz Avg Hold: 1000/1000 Radio Std: None		
1 Grap	h				Ref LvI Offset 2.0	60 dB	Mkr3 2.48033	
	/Div 10.0	dB			Ref Value 22.60	dBm		-4.67 dBm
Log 12.6				<u> </u>		3		
-7.40 -17.4 -27.4								
-37.4 -47.4 -57.4								
-67.4								
	r 2.48000 BW 100.0		•		#Video BW 300.0	00 kHz	Sweep 1.33 r	Span 2 MHz ns (10001 pts)
2 Metr	ics							
		Occupied Bar	ndwidth 1.0403 MHz			Total Power	7.55 dBm	
		Transmit Free x dB Bandwid		3.122 kHz 659.8 kHz		% of OBW Power x dB	99.00 % -6.00 dB	
	5		Sep 14, 2024 7:33:45 PM	\square				



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant0	1.014
NVNT	BLE	2442	Ant0	1.014
NVNT	BLE	2480	Ant0	1.013











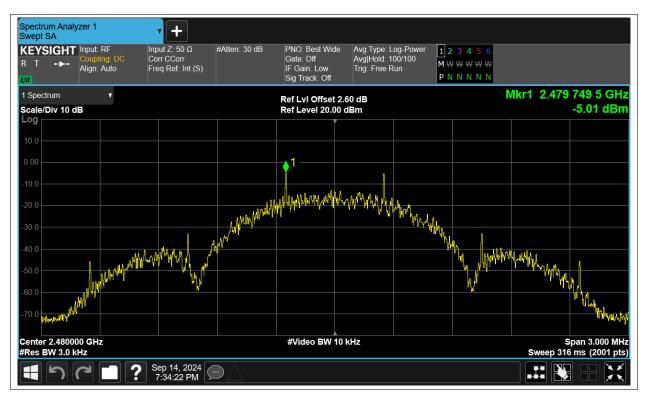
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant0	-5.523	8	Pass
NVNT	BLE	2442	Ant0	-4.394	8	Pass
NVNT	BLE	2480	Ant0	-5.015	8	Pass











Band Edge

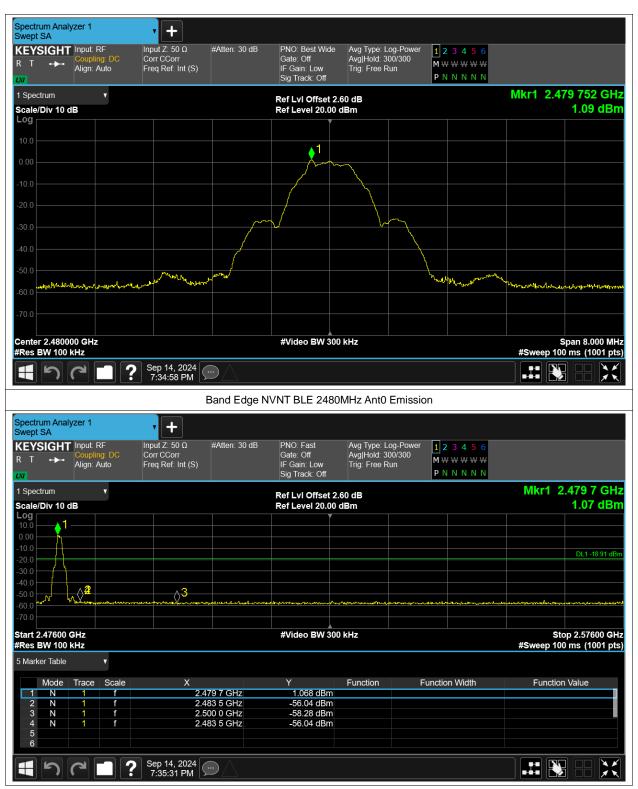
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant0	-56.8	-20	Pass
NVNT	BLE	2480	Ant0	-57.13	-20	Pass



			Test Grap				
		Band Edg	e NVNT BLE 24	402MHz Ant0 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-Po Avg Hold: 300/30(Trig: Free Run			
1 Spectrum V			Ref LvI Offset 2			Mkr1 2.401 75	
Scale/Div 10 dB Log			Ref Level 20.00	dBm		0.5	7 dBm
10.0							
0.00				<u>~</u>			
-10.0							
-20.0							
-30.0		~		\sim			
-40.0							
-50.0							
-60.0 Here have been and here and	hall have and and the age the have a start and	N ^{art} Yhew ¹			way and way and a start and	+ Charles and have been and the and the second and	N Bharrow
-70.0							
-70.0							
Center 2.402000 GHz #Res BW 100 kHz			#Video BW 30) kHz		Span 8. #Sweep 50.0 ms (1	.000 MHz 1001 pts)
	Sep 14, 2024 7:29:34 PM						
	7.29.34 PIVI						
	-				:		
A		Band Edge N	IVNT BLE 2402	2MHz Ant0 Emi	ssion		
Spectrum Analyzer 1 Swept SA	• +	_					
Swept SA KEYSIGHT Input: RF R T Coupling: DC	Input Z: 50 Ω Corr CCorr	Band Edge N #Atten: 30 dB	PNO: Fast Gate: Off	Avg Type: Log-Po Avg Hold: 300/300	wer 123456		
Swept SA KEYSIGHT Input: RF	Γ	_	PNO: Fast	Avg Type: Log-Po	wer 123456		
Sivept SA KEYSIGHT Input: RF 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 2	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB	wer 123456 0 M ₩ ₩ ₩ ₩ ₩	Mkr1 2.401	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum v Scale/Div 10 dB Log	Input Z: 50 Ω Corr CCorr	_	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB	wer 123456 0 M ₩ ₩ ₩ ₩ ₩		7 GHz 5 dBm
Swept SA KEYSIGHT Input: RF R T I Coupling: DC 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 2	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB	wer 123456 0 M ₩ ₩ ₩ ₩ ₩		
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto 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 2	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB	wer 123456 0 M ₩ ₩ ₩ ₩ ₩	0.5	
Swept SA KEYSIGHT Input: RF R T Ispectrum Scale/Div 10 dB Cog 10.0 0.00 -10.0	Input Z: 50 Ω Corr CCorr	_	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB dBm	wer M W W W W W P N N N N N	0.5	5 dBm 1 -19.43 dBm
Swept SA KEYSIGHT Input: RF R T → Gouping: DC Align: Auto V Scale/Div 10 dB V Scale/Div 10 dB 0 0 10.0 0 0 0 -20.0	Input Z: 50 Ω Corr CCorr	_	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB	wer M W W W W W P N N N N N	0.5	5 dBm
Sivept SA KEYSIGHT Input: RF R T → Gouping: DC Align: Auto v Scale/Div 10 dB v Scale/Div 10 dB 0 0 0 0 100 0 0 0 0 0 0 30.0	Input Z: 50 Ω Corr CCorr	_	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: Log-Po Avg Hold: 300/300 Trig: Free Run 56 dB dBm	wer M W W W W W P N N N N N	0.5	5 dBm 1
Swept SA KEYSIGHT Input: RF R T → Gouping: DC Align: Auto V Scale/Div 10 dB V Scale/Div 10 dB v Scale/Div 10 dB V 1.00 0 0 0 0 1.00 0 0 0 0 0 0 -20.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 <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 2</td><td>Avg Type: Log-Po Avg Hold 300/300 Trig: Free Run 56 dB dBm</td><td>wer M W W W W W P N N N N N</td><td>0.5</td><td>5 dBm 1</td></t<>	Input Z: 50 Ω Corr CCorr	_	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: Log-Po Avg Hold 300/300 Trig: Free Run 56 dB dBm	wer M W W W W W P N N N N N	0.5	5 dBm 1
Swept SA KEYSIGHT Input: RF R T → Gouping: DC Align: Auto I Spectrum v Scale/Div 10 dB v Ion	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-Po Avg Hold 300/300 Trig: Free Run 56 dB dBm	wer M W W W W W P N N N N N	0.5	5 dBm 1
Swept SA KEYSIGHT Input: RF R T Imput: RF Coupling: DC Align: Auto I Spectrum v Scale/Div 10 dB 0 Log 1 100 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 2 Ref Level 20.00	Avg Type: Log-Po Avg Hold 300/300 Trig: Free Run 56 dB dBm	wer M W W W W W P N N N N N	0.5	5 dBm
Swept SA KEYSIGHT Input: RF R T → Gouping: DC Align: Auto I Spectrum v Scale/Div 10 dB u u Log 0 0 0 10.0 0 0 0 0 -20.0	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 LvI Offset 2 Ref Level 20.00 #Video BW 300 #Video BW 300	Avg Type: Log-Po Avg]Hold: 300/300 Trig: Free Run 56 dB dBm	Image: 1 2 3 4 5 6 M W W W W W P N N N N N	0.53	5 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum v Scale/Div 10 dB	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 2 Ref Level 20.00 #Video BW 300 #Video BW 300	Avg Type: Log-Po Avg]Hold: 300/300 Trig: Free Run 56 dB dBm	Image: 1 2 3 4 5 6 M W W W W W P N N N N N	0.53	5 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto V Scale/Div 10 dB V Log 1 100 0 -20.0	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 2 Ref Level 20.00 #Video BW 300 #Video BW 300 Y 0.5533 dBm -54.96 dBm -54.96 dBm	Avg Type: Log-Po Avg]Hold: 300/300 Trig: Free Run 56 dB dBm	Image: 1 2 3 4 5 6 M W W W W W P N N N N N	0.53	5 dBm
Swept SA KEYSIGHT Input: RF R T → Gouping: DC Align: Auto I Spectrum v Scale/Div 10 dB Log 100 200 30.0 40.0 50.0 Start 2.30600 GHz 5 Marker Table v Mode Trace Scale 1 1 f 3 1 f 4 N 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 2 Ref Level 20.00 #Video BW 300 #Video BW 300 Y 0.5533 dBm -54.96 dBm -54.96 dBm	Avg Type: Log-Po Avg]Hold: 300/300 Trig: Free Run 56 dB dBm	Image: 1 2 3 4 5 6 M W W W W W P N N N N N	0.53	5 dBm



Report No.: JYTSZ-R12-2401151





Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant0	-50.62	-20	Pass
NVNT	BLE	2442	Ant0	-51.29	-20	Pass
NVNT	BLE	2480	Ant0	-50.11	-20	Pass



			Test Graph			
		Tx. Spuriou	us NVNT BLE 2	402MHz Ant0	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-Pc Avg Hold: 300/30 Trig: Free Run		
1 Spectrum v			Ref LvI Offset 2.	56 dB		Mkr1 2.401 749 5 GHz
Scale/Div 10 dB			Ref Level 20.00	dBm		0.55 dBm
10.0						
0.00		↓ 1				
-10.0					a a construction of the second s	~
-20.0						and the second
-30.0						
-40.0						
-50.0						
-60.0						
-70.0						
Center 2.4020000 GHz			#Video BW 300) kHz		Span 1.500 MHz
#Res BW 100 kHz	? Sep 14, 2024	\square				Sweep 1.00 ms (1001 pts)
	7:29:58 PM	\square				
	1	Tx. Spurious	NVNT BLE 2402	2MHz Ant0 Em	nission	
Spectrum Analyzer 4						
Spectrum Analyzer 1 Swept SA	• +					
Swept SA KEYSIGHT Input: RF Coupling: DC	Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast	Avg Type: Log-Pc		
Swept SA KEYSIGHT R T A Coupling: DC Align: Auto		#Atten: 30 dB	Gate: Off IF Gain: Low	Avg Type: Log-Pc Avg Hold: 10/10 Trig: Free Run	M ₩ ₩ ₩ ₩ ₩	
Swept SA KEYSIGHT Input: RF Coupling: DC	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	Gate: Off IF Gain: Low Sig Track: Off	Avg Hold: 10/10 Trig: Free Run		Mkr1 2.402 GHz
Swept SA KEYSIGHT R T J Spectrum ✓ Scale/Div 10 dB	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	Gate: Off IF Gain: Low	Avg Hold: 10/10 Trig: Free Run 56 dB	M ₩ ₩ ₩ ₩ ₩	Mkr1 2.402 GHz -1.04 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum Scale/Div 10 dB 10.0 Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 56 dB	M ₩ ₩ ₩ ₩ ₩	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto V Scale/Div 10 dB Log 10.0 .00 -10.0	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 56 dB	M ₩ ₩ ₩ ₩ ₩	
Swept SA KEYSIGHT Input: RF R T I Spectrum Scale/Div 10 dB Log 0.00 I Spectrum I	Input Ζ: 50 Ω Corr CCorr	#Atten: 30 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 56 dB	M ₩ ₩ ₩ ₩ ₩	-1.04 dBm
Swept SA KEYSIGHT Input: RF R T + Align: Auto 1 Spectrum V Scale/Div 10 dB Log 10.0 -20.0	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 56 dB	M ₩ ₩ ₩ ₩ ₩	-1.04 dBm
Swept SA KEYSIGHT Input: RF R T →→ I Spectrum v Scale/Div 10 dB 1 Log 1 0 10.0 0 1 -20.0 -30.0 -40.0 -30.0 -40.0 -40.0	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 56 dB	M ₩ ₩ ₩ ₩ ₩	-1.04 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum v Scale/Div 10 dB 100 1 000 1 100 1 000 1 000 1 000 1 000 1 000 1 000 1 1 000 1 1 000 1 1 1 000 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 <th1< th=""> 1 1</th1<>	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 56 dB dBm	M ₩ ₩ ₩ ₩ ₩	-1.04 dBm
Swept SA KEYSIGHT Input: RF R T IN Input: RF Coupling: DC I Spectrum v Scale/Div 10 dB Log 1 100 1 -200 1 -300 1 -70.0 Start 30 MHz #Res BW 100 kHz	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00	Avg Hold: 10/10 Trig: Free Run 56 dB dBm	M ₩ ₩ ₩ ₩ ₩	-1.04 dBm
Swept SA KEYSIGHT R T \rightarrow Align: Auto 1 Spectrum Scale/Div 10 dB Log 10.0 -0.0 -30.0 -30.0 -40.0 -50.0 -50.0 -50.0 Start 30 MHz #Res BW 100 kHz 5 Marker Table	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (4 4 4 4 4 4 4	Avg Hold: 10/10 Trig: Free Run 56 dB dBm		-1.04 dBm
Swept SA Input: RF R T Coupling: DC I Spectrum v Scale/Div 10 dB Log 1 1 Spectrum v Scale/Div 10 dB Log 1 10.0	Part of the second seco	3 	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 4 4 4 #Video BW 300	Avg Hold: 10/10 Trig: Free Run 56 dB dBm	M ₩ ₩ ₩ ₩ ₩	-1.04 dBm
Swept SA Input: RF R T → Input: RF Coupling: DC 1 Spectrum ▼ Scale/Div 10 dB ■ 1.00 ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	Pred Ref. Int (S)	3 2.402 GHz .974 GHz .171 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Avg Hold: 10/10 Trig: Free Run 56 dB dBm		-1.04 dBm
Swept SA KEYSIGHT Input: RF R T Input: RF Coupling: DC Align: Auto INV Scale/Div 10 dB Log 1 1 100 1 1 1 Scale/Div 10 dB 1 1 1 200 1 1 1 1 200 1 1 1 1 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200	e X	3 	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Avg Hold: 10/10 Trig: Free Run 56 dB dBm		-1.04 dBm
Swept SA Input: RF R T → 1 Spectrum ▼ Scale/Div 10 dB ✓ Log 1 10.0 ↓ -20.0 ↓ -30.0 ↓ -40.0 ↓ -50.0 ↓ -70.0 ↓ Start 30 MHz ★ #Res BW 100 kHz ▼ 5 Marker Table ▼ Mode Trace Scale 1 N 1 f 4 N 1 f	e X	2.402 GHz .974 GHz .171 GHz .728 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Avg Hold: 10/10 Trig: Free Run 56 dB dBm		-1.04 dBm
Swept SA KEYSIGHT Input: RF R T Input: RF Coupling: DC Align: Auto INV Scale/Div 10 dB Log 1 1 100 1 1 1 Scale/Div 10 dB 1 1 1 200 1 1 1 1 200 1 1 1 1 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200	P X 22	2.402 GHz 974 GHz 1711 GHz 0.643 GHz 2.728 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Avg Hold: 10/10 Trig: Free Run 56 dB dBm 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	M W W W W W P N N N N N Image: State	-1.04 dBm







