

Test Data

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant1	5.773	30	Pass
NVNT	BLE	2442	Ant1	5.586	30	Pass
NVNT	BLE	2478	Ant1	5.046	30	Pass



			Test Grap	ohs				
		Power	NVNT BLE 2	404MHz Ant1	1			
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: Log Avg Hold: 100 Trig: Free Rur	0/100 M ₩	3 4 5 6 WWWW N N N N		
1 Spectrum V			Ref LvI Offset				Mkr1 2.403	3 832 8 GHz
Scale/Div 10 dB			Ref Level 20.00) dBm				5.77 dBm
10.0			<u></u> 1 -					
-10.0								
-20.0								
-30.0								
-40.0								
-50.0								
-60.0								
								0
Center 2.404000 GHz #Res BW 2.0 MHz			#Video BW 6.				Sweep 1.33	Span 8.000 MHz 3 ms (10001 pts)
	Nov 25, 2024 9:46:23 AM							
		Power	NVNT BLE 2	442MHz Ant1	1			
Spectrum Analyzer 1 Swept SA	+							
Spectrum Analyzer 1 Swept SA KEYSIGHT R T +- Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	442MHz Ant1 Avg Type: Log Avg Hold: 100 Trig: Free Rur	g-Power <mark>1</mark> 2 ⊮100 M ₩	3456 ₩₩₩₩₩ NNNN		
Swept SA KEYSIGHT R T + Coupling: DC Align: Auto 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	1 992 8 GHz 5.59 dBm
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 ;	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
Swept SA KEYSIGHT R T I Spectrum Scale/Div 10 dB Swept SA Input: RF Coupling: DC Align: Auto V Scale/Div 10 dB Coupling: DC Align: Auto Coupling: Coupling: DC Coupling: DC Align: Auto Coupling: Coupling: Coupling: DC Align: Auto Coupling: Coupling: Coup	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset ;	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
Swept SA KEYSIGHT Input: RF R T 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: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto INV v Scale/Div 10 dB v Scale/Div 10 dB 0 0 0 0 -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: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto CV 1 Spectrum Scale/Div 10 dB Cog 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 ;	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto INV v Scale/Div 10 dB v Scale/Div 10 dB 0 0 0 0 -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: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
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 ;	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
Swept SA KEYSIGHT Input: RF R T P Align: Auto V Scale/Div 10 dB V 100 O O -200 O O -300 O O -400 O O O	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset ;	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩	Mkr1 2.44	
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 ;	Avg Type: Log Avg Hold: 100 Trig: Free Rur 2.58 dB 0 dBm	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩		5.59 dBm
Swept SA KEYSIGHT Input: RF R T → Align: Auto INPUT: RF Coupling: DC Scale/Div 10 dB v Scale/Div 10 dB v 10.0 0 0 -10.0	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 Avg Hold: 100 Trig: Free Rur 2.58 dB 0 dBm	g-Power <mark>1</mark> 2 ⊮100 M ₩	₩₩₩₩		5.59 dBm







-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2404	Ant1	1.129	0.5	Pass
NVNT	BLE	2442	Ant1	1.137	0.5	Pass
NVNT	BLE	2478	Ant1	1.151	0.5	Pass







Spectrum Analy Occupied BW	zer 1	• +							
KEYSIGHT R T +++ M	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 Fre Avg Hold: Radio Std:		Ηz		
1 Graph	•			Ref LvI Offset 2	2.59 dB		Mk		84000 GHz
Scale/Div 10.0	dB			Ref Value 22.59	dBm				-1.96 dBm
Log 12.6				h	1				
2.59				m	wwwwwww	3			
-7.41						My Mar Mar Mar	\sim		
-17.4		- And					mm		
-37.4	- Jan Martin	mw /*					<u>سرم</u>	www.	
-47.4	www.								WWWWWW
-57.4									
Center 2.47800	00 GHz		<u> </u>	#Video BW 300	.00 kHz		l.		Span 5 MHz
#Res BW 100.0								Sweep 1.33	ms (10001 pts)
2 Metrics	v								
	Occupie d Ber								
	Occupied Ban	2.0373 MHz				Total Power		11.0 dBm	
	Transmit Freq	Error	8.420 kHz			% of OBW Pow	/er	99.00 %	
	x dB Bandwid		1.151 MHz			x dB		-6.00 dB	
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2404	Ant1	2.03
NVNT	BLE	2442	Ant1	2.027
NVNT	BLE	2478	Ant1	2.023







	ctrum upied	n Analy. I BW	zer 1		• +							
			Input: Coupli Align:	ing: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Avg Hol	Freq: 2.478000000 GH d: 100/100 td: None	łz		
1 G		v 10.0	dB	•			Ref LvI Offset Ref Value 22.5					
Loi 12		10.0					Itel Value 22.5			1		
12. 2.5												
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-17.						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			· · ··································	m		
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-57.	4	m m	Mr. Why									mannorm
-67.	4											
		.47800					#Video BW 10	0.00 kHz				Span 5 MHz
#Re	s BW	/ 30.00	0 kHz								Sweep 5.33	ms (10001 pts)
2 M	etrics			T								
			Oc	cupied Ban	dwidth							
					2.0229 MHz				Total Power		10.5 dBm	
			Tra	ansmit Freq	Error	24.689 kHz			% of OBW Pow	er	99.00 %	
			x d	IB Bandwidt	h	2.433 MHz			x dB		-26.00 dB	
		う (2	Nov 25, 2024 9:52:25 AM	\Box						



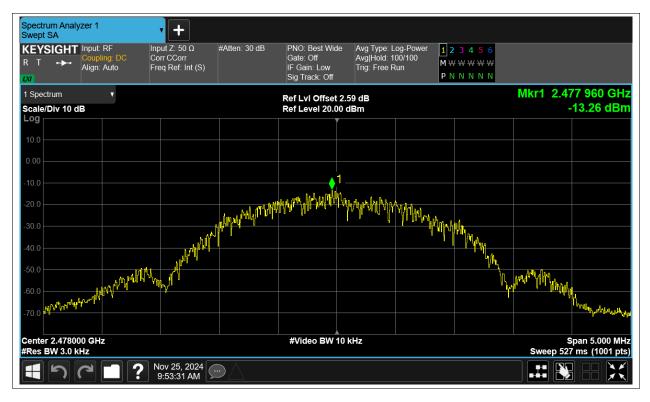
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant1	-12.514	8	Pass
NVNT	BLE	2442	Ant1	-12.675	8	Pass
NVNT	BLE	2478	Ant1	-13.264	8	Pass



		Test Graphs	
	P	SD NVNT BLE 2404MHz Ant1	
Spectrum Analyzer 1 Swept SA	• +		
KEYSIGHT Input: RF R T +++ Coupling: DC Align: Auto	Input Z: 50 Ω #Atten: 30 d Corr CCorr Freq Ref: Int (S)	B PNO: Best Wide Avg Type: Log-I Gate: Off Avg Hold: 100/1 IF Gain: Low Trig: Free Run Sig Track: Off	
1 Spectrum V	I I	Ref LvI Offset 2.57 dB	Mkr1 2.403 960 GHz
Scale/Div 10 dB Log 10.0 0.00		Ref Level 20.00 dBm	-12.51 dBm
-10.0 -20.0 -30.0 -40.0			
-50.0 -60.0 -70.0			
Center 2.404000 GHz #Res BW 3.0 kHz		#Video BW 10 kHz	Span 5.000 MHz Sweep 527 ms (1001 pts)
	Nov 25, 2024 9:47:35 AM		
	P	SD NVNT BLE 2442MHz Ant1	
Spectrum Analyzer 1 Swept SA KEYSIGHT R T + R T Align: Auto	Input Z: 50 Ω #Atten: 30 d Corr CCorr Freq Ref: Int (S)	B PNO: Best Wide Avg Type: Log- Gate: Off Avg Hold: 100/1 IF Gain: Low Trig: Free Run Sig Track: Off	
1 Spectrum v Scale/Div 10 dB		Ref LvI Offset 2.58 dB Ref Level 20.00 dBm	Mkr1 2.441 960 GHz -12.68 dBm
Log 10.0 .000			
-20.0		ann an ann an ann ann ann ann ann ann a	
-50.0			"Why Upper for the for
-70.0			
Center 2.442000 GHz #Res BW 3.0 kHz		#Video BW 10 kHz	Span 5.000 MHz Sweep 527 ms (1001 pts)
1 77.	Nov 25, 2024 9:49:51 AM	SD NVNT BLE 2478MHz Ant1	







Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant1	-61.51	-20	Pass
NVNT	BLE	2478	Ant1	-60.28	-20	Pass



		Test Graphs		
	Band Edg	ge NVNT BLE 2404MHz Ant	1 Ref	
Spectrum Analyzer 1 Swept SA	• +			
KEYSIGHT Input: RF	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Best Wide Avg Type: Log Gate: Off Avg Hold: 100	V400	
	Freq Ref: Int (S)	IF Gain: Low Trig: Free Rui Sig Track: Off		
1 Spectrum		Ref LvI Offset 2.57 dB		Mkr1 2.404 016 GHz
Scale/Div 10 dB Log		Ref Level 20.00 dBm		4.89 dBm
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0.00		- Anno Annon		
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-20.0				
-30.0				
-40.0	and the second s		Lang .	
-50.0	- And			
-50.0 -60.0	√√ ^r •			Munnhayon
-70.0				
				0
Center 2.404000 GHz #Res BW 100 kHz		#Video BW 300 kHz		Span 8.000 MHz Sweep 1.00 ms (1001 pts)
【うて】?	Nov 25, 2024 9:47:39 AM			
	Band Edge	NVNT BLE 2404MHz Ant1 E	mission	
Spectrum Analyzer 1		NVNT BLE 2404MHz Ant1 E	mission	
Swept SA KEYSIGHT Input: RF	Φ Input Z: 50 Ω #Atten: 30 dB	PNO. Fast Avg Type: Log	J-Power 123456	
Swept SA KEYSIGHT R T +++ Coupling: DC Align: Auto	• +	PNO: Fast Avg Type: Log Gate: Off Avg]Hold: 100 IF Gain: Low Trig: Free Rut	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	
Swept SA KEYSIGHT R T Coupling: DC	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rui Sig Track: Off	123456 100 MWWWWW	Mkr1 2.404 0 GHz
Swept SA KEYSIGHT R T Coupling: DC Align: Auto 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg]Hold: 100 IF Gain: Low Trig: Free Rut	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T Aign: Auto 1 Spectrum	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	
Swept SA KEYSIGHT Input: RF R T Align: Auto I Spectrum Scale/Div 10 dB Log 10.0	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T →→ Align: Auto I Spectrum ▼ Scale/Div 10 dB ■ ■ 10.0 ■ ■ 10.0 ■ ■ 20.0 ■ ■	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum ▼ Scale/Div 10 dB Log 10.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto Align: Auto VV V 1 Spectrum V Scale/Div 10 dB 0.00 10.0 0.00 10.0 0.00 -20.0 0.00 -30.0 0.00	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T → I Spectrum Scale/Div 10 dB Log 10.0 -0.0 -10.0 -20.0 -40.0 -50.0 -60.0 Mailyour Multime Landow Contraction and Contrand Contraction and Contraction and Contraction and Contraction a	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum v Scale/Div 10 dB Log 10.0	Input Z: 50 Ω #Atten: 30 dB Corr CCorr	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rut Sig Track: Off Ref LvI Offset 2.57 dB Ref Level 20.00 dBm	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto V/V 1 Spectrum V Scale/Div 10 dB O Log 1 10.0 400 -20.0 400 -30.0 40.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 44.0 -50.0 50.0 44.0 -50.0 50.0 44.0 -50.0 50.0 44.0 50.0 -50.0 50.0 44.0	Input Z: 50 Ω #Atten: 30 dB Corr CCorr Freq Ref: Int (S)	PNO: Fast Gate: Off AvgHold: 100 IF Gain: Low Sig Track: Off Ref LvI Offset 2.57 dB Ref Level 20.00 dBm www.www.www.www.www.www.www.www.www.w	g-Power 123456 //100 M ₩ ₩ ₩ ₩ ₩	5.46 dBm
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum ▼ Scale/Div 10 dB ■ Log ■ ■ 10.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -0.0 ■ ■ -70.0 ■ ■ Start 2.30800 GHz # #Res BW 100 kHz > 5 Marker Table ■ 1 1 f	X 2.404 0 GHz 2.400 0 GHz	PNO: Fast Gate: Off Avg Hold: 100 IF Gain: Low Sig Track: Off Ref LvI Offset 2.57 dB Ref Level 20.00 dBm #Video BW 300 kHz #Video BW 300 kHz	1 2 3 4 5 6 M W W W W W P N N N N N 	5.46 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum ▼ Scale/Div 10 dB ■ Log ■ 10.0 ■ .01 ■ .02 ■ .03 ■ .04 N .05 ■ .05 ■ .05 ■ .05 ■ .05 ■ .05	Input Z: 50 Ω #Atten: 30 dB Corr CCorr Freq Ref: Int (S) Input Z: 50 Ω Input Z: 50 Ω Autor Corr Input Z: 50 Ω Input Z: 50 Ω Input Z: 50 Ω Input Z: 50 Ω<	PNO: Fast Gate: Off F Gain: Low Sig Track: Off Ref LvI Offset 2.57 dB Ref Level 20.00 dBm #Video BW 300 kHz Y Function 5.458 dBm	1 2 3 4 5 6 M W W W W W P N N N N N 	5.46 dBm
Swept SA KEYSIGHT Input: RF R T 1 Spectrum VI 1 Spectrum VI Scale/Div 10 dB Image: Complement of the second of the sec	Y #Atten: 30 dB Corr CCorr #Atten: 30 dB Freq Ref: Int (S)	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rui Sig Track: Off Trig: Free Rui Ref Lvl Offset 2.57 dB Ref Level 20.00 dBm #Video BW 300 kHz Image: State Sta	1 2 3 4 5 6 M W W W W W P N N N N N 	5.46 dBm
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum ▼ Scale/Div 10 dB ■ Log ■ 10.0 ■ 0.00 ■ -10.0 ■ -20.0 ■ -30.0 ■ -40.0 ■ -70.0 ■ Start 2.30800 GHz #Res BW 100 kHz 5 Marker Table ▼ Mode Trace Scale 1 1 1 1 4 N 1 1 5 ■ 1 1	Y #Atten: 30 dB Corr CCorr #Atten: 30 dB Freq Ref: Int (S)	PNO: Fast Avg Type: Log Gate: Off Avg Hold: 100 IF Gain: Low Trig: Free Rui Sig Track: Off Trig: Free Rui Ref Lvl Offset 2.57 dB Ref Level 20.00 dBm #Video BW 300 kHz Image: State Sta	1 2 3 4 5 6 M W W W W W P N N N N N 	5.46 dBm







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant1	-53.25	-20	Pass
NVNT	BLE	2442	Ant1	-53.8	-20	Pass
NVNT	BLE	2478	Ant1	-52.47	-20	Pass



		Test Gr				
	Т	. Spurious NVNT BL	E 2404MHz Ant1	Ref		
Spectrum Analyzer 1 Swept SA	• +					
KEYSIGHT Input: RF R T →→ Coupling: DC Align: Auto	Input Z: 50 Ω #Att Corr CCorr Freq Ref: Int (S)	en: 30 dB PNO: Best W Gate: Off IF Gain: Low Sig Track: Of	Avg Hold: 100/1 Trig: Free Run			
1 Spectrum		Ref Lvi Offs			Mkr1 2.404	027 GHz
Scale/Div 10 dB		Ref Level 20				5.12 dBm
Log			Ĭ.			
10.0						
0.00	man	www.www.	4 monoral	manger how have		
-10.0	war and and				whom	
-20.0					- M	کس
-30.0						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-40.0						۲ _۷
-50.0						
-60.0						
-70.0						
Center 2.404000 GHz		#Video BW	300 kHz			an 3.000 MHz
#Res BW 100 kHz		#VIGEO BVV	300 KHZ		Sweep 1.00 r	
1 1 1 1	Nov 25, 2024 9:47:47 AM	\land				
	т с					
	TX. 8	Spurious NVNT BLE 2	404MHz Ant1 Er	mission		
Spectrum Analyzer 1 Swept SA	• +	Spurious NVNT BLE 2	404MHz Ant1 Er			
	• +	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run	Power 1 2 3 4 5 6		
Swept SA KEYSIGHT Input: RF R T Kalon Coupling: DC Align: Auto 1 Spectrum	Input Ζ: 50 Ω #Att Corr CCorr	en: 30 dB PNO: Fast Gate: Off IF Gain: Low	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run f	Power 123456 M ₩ ₩ ₩ ₩ ₩		.412 GHz
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto VV 1 Spectrum Scale/Div 10 dB Log	Input Ζ: 50 Ω #Att Corr CCorr	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of	Avg Type: Log-F Avg]Hold: 10/10 Trig: Free Run f et 2.57 dB	Power 123456 M ₩ ₩ ₩ ₩ ₩		.412 GHz 2.54 dBm
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto Scale/Div 10 dB Log 1.0.0	Input Ζ: 50 Ω #Att Corr CCorr	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offsi	Avg Type: Log-F Avg]Hold: 10/10 Trig: Free Run f et 2.57 dB	Power 123456 M ₩ ₩ ₩ ₩ ₩		
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto Scale/Div 10 dB Log 1.00 1.00	Input Ζ: 50 Ω #Att Corr CCorr	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offsi	Avg Type: Log-F Avg]Hold: 10/10 Trig: Free Run f et 2.57 dB	Power 123456 M ₩ ₩ ₩ ₩ ₩		
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum Scale/Div 10 dB Log 1 0.00 1 -10.0 -20.0	Input Ζ: 50 Ω #Att Corr CCorr	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offsi	Avg Type: Log-F Avg]Hold: 10/10 Trig: Free Run f et 2.57 dB	Power 123456 M ₩ ₩ ₩ ₩ ₩		2.54 dBm
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum ✓ Scale/Div 10 dB ✓ 10.0 ✓ 10.0 ✓ 0.00 ✓ -10.0 ✓ -20.0 ✓ -30.0 ✓	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	ien: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offs Ref Level 20	Avg Type: Log-F Avg]Hold: 10/10 Trig: Free Run f et 2.57 dB	Power 123456 M ₩ ₩ ₩ ₩ ₩		2.54 dBm
Swept SA KEYSIGHT Input: RF R T → 1 Spectrum ▼ Scale/Div 10 dB 1 Log 1 10.0 0 0.00 0 -10.0 -1 -20.0 -30.0	Input Ζ: 50 Ω #Att Corr CCorr	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offsi	Avg Type: Log-F Avg]Hold: 10/10 Trig: Free Run f et 2.57 dB	Power 123456 M ₩ ₩ ₩ ₩ ₩		2.54 dBm
Swept SA KEYSIGHT Input: RF R T → Goupling: DC Align: Auto Align: Auto I Scale/Div 10 dB I I Log 1 1 I 10.0 1 1 I -20.0 30.0 40.0 I	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	ien: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offse Ref Level 20	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run f at 2.57 dB .00 dBm	Power 123456 M ₩ ₩ ₩ ₩ ₩		2.54 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC I Spectrum V Scale/Div 10 dB 0 100 1 1 200 1 1 Scale/Div 10 dB 1 1 200 1 1 1 30.0 1 1 1 1 20.0 1 </td <td>Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)</td> <td>ien: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offs Ref Level 20</td> <td>Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run f at 2.57 dB .00 dBm</td> <td>Power 123456 M ₩ ₩ ₩ ₩ ₩</td> <td>Str</td> <td>2.54 dBm</td>	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	ien: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offs Ref Level 20	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run f at 2.57 dB .00 dBm	Power 123456 M ₩ ₩ ₩ ₩ ₩	Str	2.54 dBm
Swept SA KEYSIGHT Input: RF R T → Goupling: DC Align: Auto Align: Auto J Scale/Div 10 dB Image: Align: Auto Image: Align: Auto 1.00 -1 -0 -0 -10.0 -1 -0 -0 -30.0 -40.0 -0 -0 -70.0 -1 -0 -0	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	ien: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offse Ref Level 20	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run f at 2.57 dB .00 dBm	Power 123456 M ₩ ₩ ₩ ₩ ₩	Str	2.54 dBm
Swept SA KEYSIGHT Input: RF R T 1 Spectrum V Scale/Div 10 dB Log 10.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00 -0.00	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	ten: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offss Ref Level 20	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run et 2.57 dB .00 dBm	Power 1 2 3 4 5 6 M W <td>Streep ~2.57</td> <td>2.54 dBm</td>	Streep ~2.57	2.54 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC J Spectrum V Scale/Div 10 dB V Log 1 0 10.0 1 0 20.0 1 0 -10.0 -1 0 -20.0 -1 0 -30.0 -1 0 -70.0	x Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offse Ref Level 20 #Video BW #Video BW	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run et 2.57 dB .00 dBm	Power 1 2 3 4 5 6 M ₩ ₩ ₩ ₩ ₩	Str	2.54 dBm
Swept SA KEYSIGHT Input: RF R T 1 Spectrum V Scale/Div 10 dB Log 10.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Att V 4 V 4 V 4 V 4 V 4 V 4 V 4 V 4 V 4 V 4 V 4 X 2.412 4.874 7.177	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref Lvl Offss Ref Level 20 4 #Video BW GHz 2.536 dE GHz -52.79 dE GHz -52.79 dE	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run et 2.57 dB .00 dBm	Power 1 2 3 4 5 6 M W <td>Str Sweep ~2.57</td> <td>2.54 dBm</td>	Str Sweep ~2.57	2.54 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto I Spectrum V Scale/Div 10 dB Imput: RF Log Imput: Auto 100 Imput: RF Scale/Div 10 dB Imput: RF Log Imput: Auto 30.0 Imput: RF Start 30 MHz Imput: RF Mode Trace Scale Imput: RF Imput: RF Mode Trace Scale Imput: RF Imput: RF Imput: RF Mode Trace Scale Imput: RF Imput: RF Imput: RF	x 1nput Z: 50 Ω Corr CCorr Freq Ref: Int (S) X 2.412 4.874	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offfs Ref Level 20 #Video BW #Video BW	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run et 2.57 dB .00 dBm	Power 1 2 3 4 5 6 M W <td>Str Sweep ~2.57</td> <td>2.54 dBm</td>	Str Sweep ~2.57	2.54 dBm
Swept SA KEYSIGHT Input: RF R T → Coupling: DC Align: Auto I Spectrum v Scale/Div 10 dB Log 1 0 10.0 0 0 0 20.0 0 0 0 30.0 0 0 0 40.0 0 0 0 500 0 0 0 Start 30 MHz Frace Scale 1 Mode Trace Scale 1 1 f 3 1 1 4 1 1 1 5 1 1 1	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Att Alternative #Att Alternative #Att Alternative #Att X 2.412 4.874 7.177 9.718 26.288 Nov 25, 2024 Imput Z: 50 Ω	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offfs Ref Level 20 #Video BW #Video BW	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run et 2.57 dB .00 dBm	Power 1 2 3 4 5 6 M W <td>Str Sweep ~2.57 Function V</td> <td>2.54 dBm</td>	Str Sweep ~2.57 Function V	2.54 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto I Spectrum V Scale/Div 10 dB Imput: RF Log Imput: Auto 100 Imput: RF Scale/Div 10 dB Imput: RF Log Imput: Auto 30.0 Imput: RF Start 30 MHz Imput: RF Mode Trace Scale Imput: RF Imput: RF Mode Trace Scale Imput: RF Imput: RF Imput: RF Mode Trace Scale Imput: RF Imput: RF Imput: RF	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) #Att Alternative #Att Alt	en: 30 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Of Ref LvI Offfs Ref Level 20 #Video BW #Video BW	Avg Type: Log-F Avg Hold: 10/10 Trig: Free Run et 2.57 dB .00 dBm	Power 1 2 3 4 5 6 M W </td <td>Str Sweep ~2.57</td> <td>2.54 dBm DL1-14:88 dBm 5 0p 26.50 GHz 7 s (1001 pts)</td>	Str Sweep ~2.57	2.54 dBm DL1-14:88 dBm 5 0p 26.50 GHz 7 s (1001 pts)



