Test Data

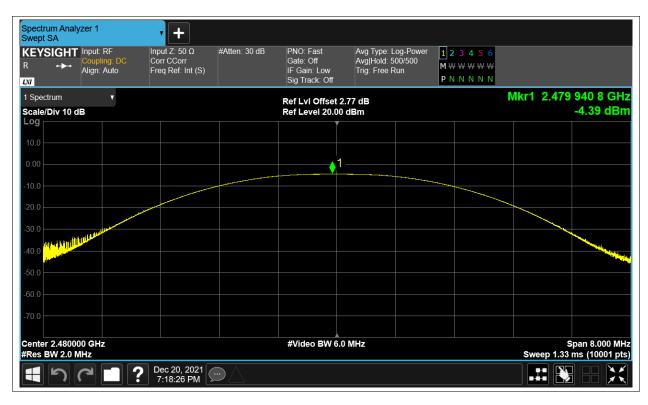
Maximum Conducted Output Power

Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-4.23	0	-4.23	30	Pass
NVNT	BLE	2442	Ant1	-3.109	0	-3.109	30	Pass
NVNT	BLE	2480	Ant1	-4.393	0	-4.393	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	0.685	0.5	Pass
NVNT	BLE	2442	Ant1	0.685	0.5	Pass
NVNT	BLE	2480	Ant1	0.686	0.5	Pass





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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.055891679
NVNT	BLE	2442	Ant1	1.053558635
NVNT	BLE	2480	Ant1	1.05224579





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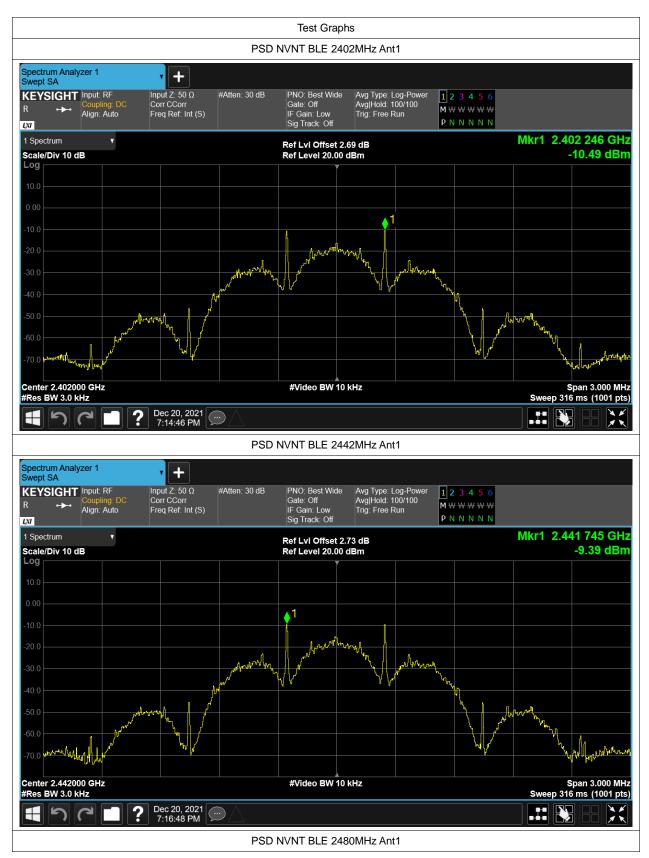




Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-10.485	8	Pass
NVNT	BLE	2442	Ant1	-9.386	8	Pass
NVNT	BLE	2480	Ant1	-10.684	8	Pass





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Band Edge

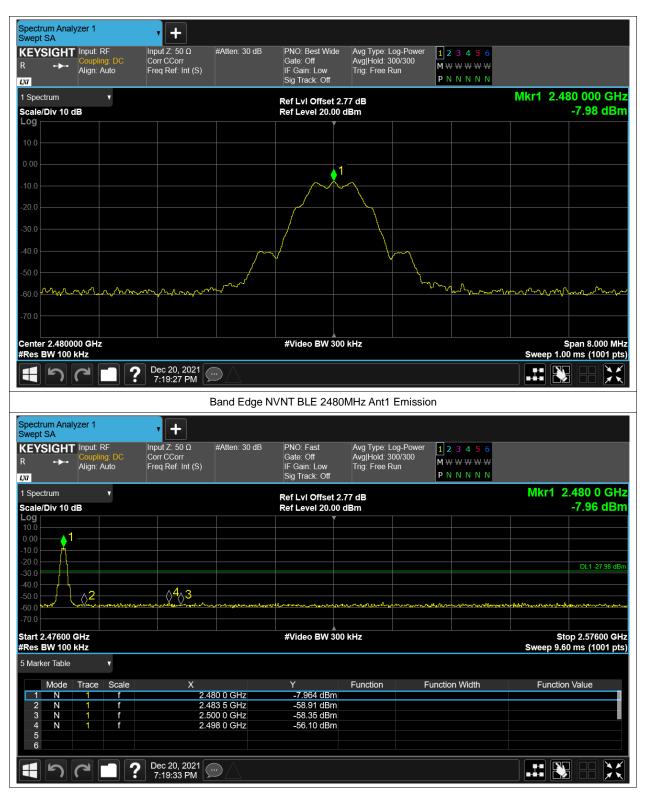
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-48.19	-20	Pass
NVNT	BLE	2480	Ant1	-48.12	-20	Pass



Test Graphs											
				Band Edg	e NVNT BLE 24	102MHz Ant1 Ref					
Spectrum Swept SA	Analyzer 1		+								
	GHT Input	: RF bling: DC : 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	123456 M₩₩₩₩₩₩ PNNNNN				
1 Spectrur		¥			Ref LvI Offset 2.			Mkr1 2.402 000 GHz			
Scale/Div Log	/ 10 dB				Ref Level 20.00	dBm		-7.78 dBm			
10.0											
0.00											
-10.0						~					
-20.0											
-30.0											
-40.0											
-50.0					Y						
-60.0 prof	᠈ᠧᡒᠬᢦᡒᢇᡗᢧ		and home of all	And and a second		\	man	An marka am - An			
		00-0-0									
-70.0											
Center 2. #Res BW	402000 GH 100 kHz	Iz			#Video BW 300) kHz		Span 8.000 MHz Sweep 1.00 ms (1001 pts)			
		7	Dec 20, 2021								
				Dond Edge N		MUT Anti Emicoi	~~				
				Band Edge N	NVNT BLE 2402	MHz Ant1 Emissi	on				
Swept SA			• +								
Swept SA		: RF ling: DC	Input Z: 50 Ω Corr CCorr	Band Edge N #Atten: 30 dB	PNO: Fast Gate: Off	Avg Type: Log-Power Avg Hold: 300/300	123456				
Swept SA		: RF	τ		PNO: Fast	Avg Type: Log-Power					
Swept SA KEYSIO R U J 1 Spectrur	GHT Input → Coup Align	: RF ling: DC	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	123456 M₩₩₩₩₩₩	Mkr1 2.402 0 GHz			
Swept SA KEYSIO R 1 Spectrur Scale/Div Log	GHT Input → Coup Align	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	123456 M₩₩₩₩₩₩	Mkr1 2.402 0 GHz -7.77 dBm			
Swept SA KEYSIO R 1 Spectrur Scale/Div	GHT Input → Coup Align	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	123456 M₩₩₩₩₩₩				
Swept SA KEYSIC R 1 Spectrur Scale/Div Log 10.0	GHT Input → Coup Align	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	123456 M₩₩₩₩₩₩	-7.77 dBm			
Swept SA KEYSIC R UU 1 Spectrum Scale/Div Log 10.0 -0.00 -10.0 -30.0	GHT Input → Coup Align	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	1 2 3 4 5 6 M W W W W W P N N N N N				
Swept SA KEYSIC R J Spectrum Scale/Div 10.0 -0.0 -10.0 -20.0 -30.0 -40.0 -50.0	GHT Input → Coup Align	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	123456 M₩₩₩₩₩₩	-7.77 dBm			
Swept SA KEYSIC R J Spectrum Scale/Div Log 10.0 -0.00 -30.0 -40.0	GHT Input → Coup Align	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg]Hold: 300/300 Trig: Free Run 69 dB	1 2 3 4 5 6 M W W W W W P N N N N N	-7.77 dBm			
Swept SA KEYSIC R J Spectrum Scale/Div 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.30	GHT Input Coup Align n y 10 dB	: RF Ning: DC : Auto	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Type: Log-Power Avg Hold 300/300 Trig: Free Run 69 dB dBm	1 2 3 4 5 6 M W W W W W P N N N N N	-7.77 dBm			
Swept SA KEYSIC R J Spectrum Scale/Div 10.0 -20.0 -30.0 -40.0 -50.0 -70.0	GHT Input Coup Align ↑ 10 dB	: RF Ning: DC : Auto	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-Power Avg Hold 300/300 Trig: Free Run 69 dB dBm	1 2 3 4 5 6 M W W W W W P N N N N N	-7.77 dBm			
Swept SA KEYSIC R 1 Spectrur Scale/Div Log 10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.30 #Res BW 5 Marker	GHT Input Coup Align ↑ 10 dB	RF Auto	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 # # Wideo BW 300 #	Avg Type: Log-Power Avg Hold: 300/300 Trig: Free Run 69 dB dBm	1 2 3 4 5 6 M W W W W W P N N N N N	-7.77 dBm			
Swept SA KEYSIC R 1 Spectrum Scale/Div 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.30 #Res BW 5 Marker 1 2	Align m y 10 dB 0600 GHz 100 kHz Table ode Trace N 1 1 N 1	RF ling: DC : Auto	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-Power Avg Hold: 300/300 Trig: Free Run 69 dB dBm		-7.77 dBm 1 DL1-2 / β dBm 3 4 Stop 2.40600 GHz Sweep 9.60 ms (1001 pts)			
Swept SA KEYSIC R 1 Spectrur Scale/Div Log 100 -0.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -50.0 -60.0 -70.0 -70.0 -70	GHT Input Coup Align n y 10 dB 0600 GHz 100 kHz fable code Trace N 1	RF iling: DC : Auto	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-Power Avg Hold: 300/300 Trig: Free Run 69 dB dBm		-7.77 dBm 1 DL1-2 / β dBm 3 4 Stop 2.40600 GHz Sweep 9.60 ms (1001 pts)			
Swept SA KEYSIC R 1 Spectrur Scale/Div Scale/Div -00 -100 -200 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.30 #Res BW 5 Marker 1 2 3	HT Input GUT Coup Align 10 dB 10 dB	RF - Jing: DC : Auto	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-Power Avg Hold: 300/300 Trig: Free Run 69 dB dBm		-7.77 dBm 1 DL1-2 / β dBm 3 4 Stop 2.40600 GHz Sweep 9.60 ms (1001 pts)			
Swept SA KEYSIC R 1 Spectrum Scale/Div Log 10.0 -20.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -30.0 -40.0 -50.0 -50.0 -70.0 Start 2.30 #Res BW 5 Marker 1 2 3 4 5	HT Input GUT Coup Align 10 dB 10 dB	RF - Jing: DC : Auto	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-Power Avg Hold: 300/300 Trig: Free Run 69 dB dBm		-7.77 dBm 1 DL1-2 / β dBm 3 4 Stop 2.40600 GHz Sweep 9.60 ms (1001 pts)			



Report No.: JYTSZB-R12-2102722





Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-42.6	-20	Pass
NVNT	BLE	2442	Ant1	-32.15	-20	Pass
NVNT	BLE	2480	Ant1	-30.87	-20	Pass











