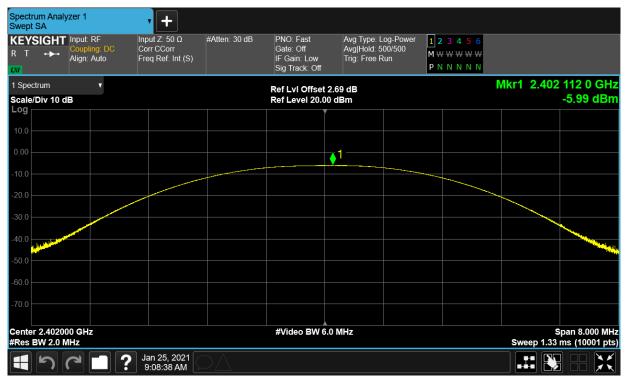


Test Data

Maximum Conducted Output Power

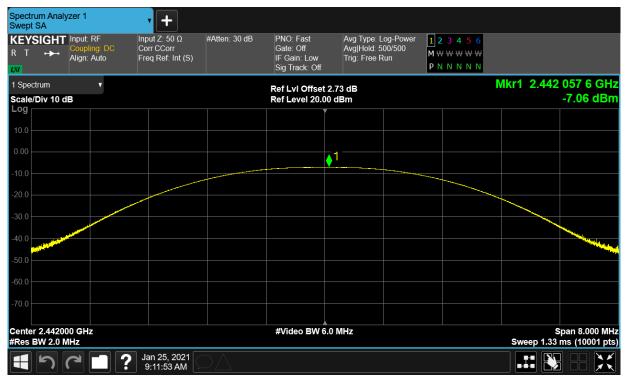
Condition	Mode	Frequency	Antenna	Conducted Power	Duty Factor	Total Power	Limit	Verdict
		(MHz)		(dBm)	(dB)	(dBm)	(dBm)	
NVNT	BLE	2402	Ant1	-5.994	0	-5.994	30	Pass
NVNT	BLE	2442	Ant1	-7.06	0	-7.06	30	Pass
NVNT	BLE	2480	Ant1	-6.946	0	-6.946	30	Pass

Power NVNT BLE 2402MHz Ant1

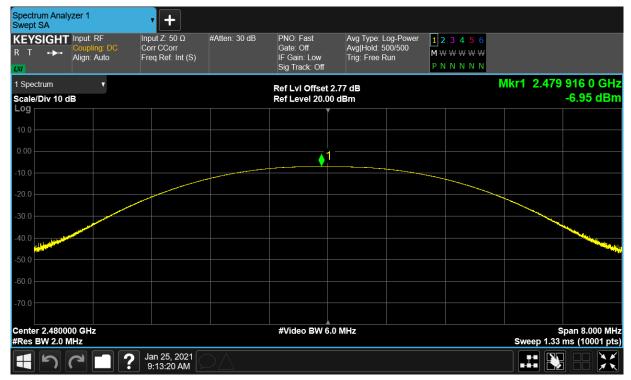




Power NVNT BLE 2442MHz Ant1



Power NVNT BLE 2480MHz Ant1



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant1	0.679	0.5	Pass
NVNT	BLE	2442	Ant1	0.671	0.5	Pass
NVNT	BLE	2480	Ant1	0.673	0.5	Pass

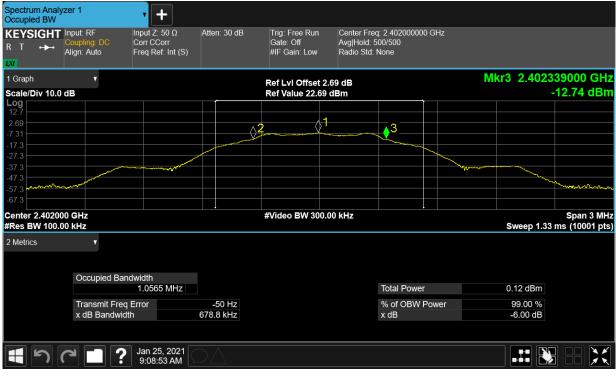
JianYan Testing Group Shenzhen Co., Ltd.

No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366

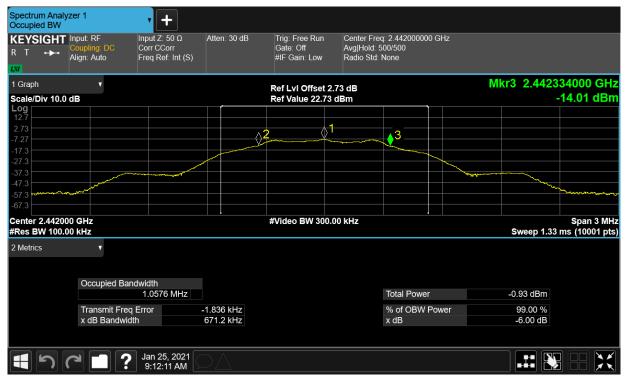
Project No.: JYTSZE2101099



-6dB Bandwidth NVNT BLE 2402MHz Ant1



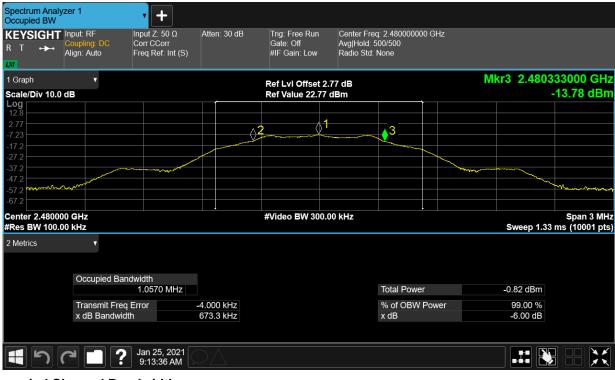
-6dB Bandwidth NVNT BLE 2442MHz Ant1



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-6dB Bandwidth NVNT BLE 2480MHz Ant1



Occupied Channel Bandwidth

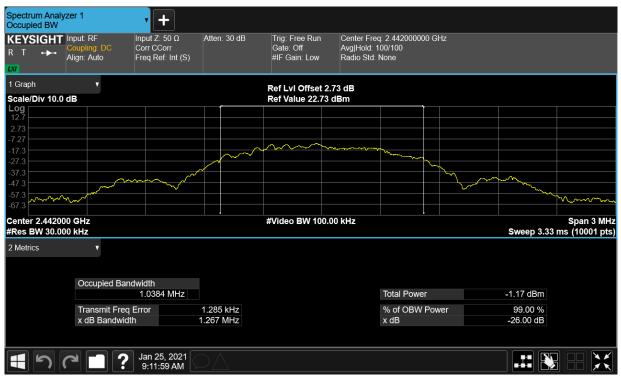
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant1	1.037621451
NVNT	BLE	2442	Ant1	1.038376354
NVNT	BLE	2480	Ant1	1.043658991



OBW NVNT BLE 2402MHz Ant1



OBW NVNT BLE 2442MHz Ant1





OBW NVNT BLE 2480MHz Ant1

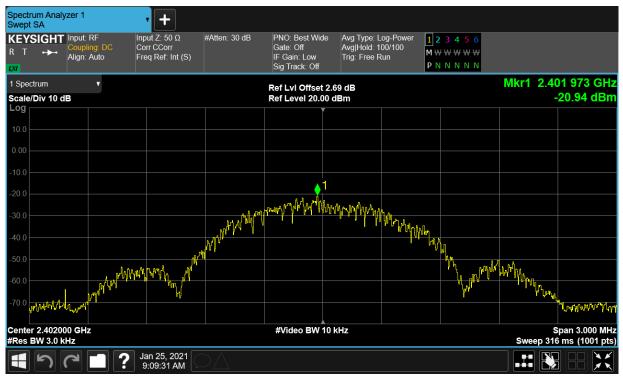


Maximum Power Spectral Density Level

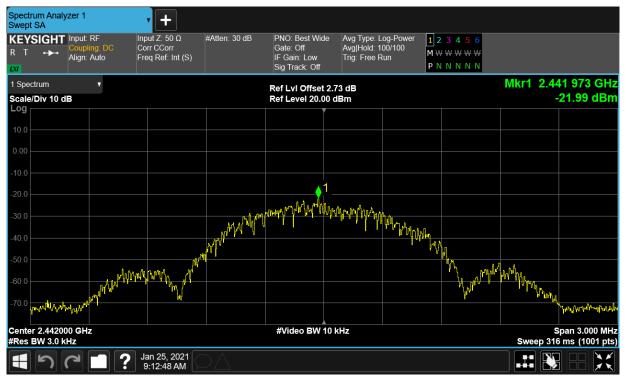
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant1	-20.942	8	Pass
NVNT	BLE	2442	Ant1	-21.991	8	Pass
NVNT	BLE	2480	Ant1	-21.884	8	Pass



PSD NVNT BLE 2402MHz Ant1



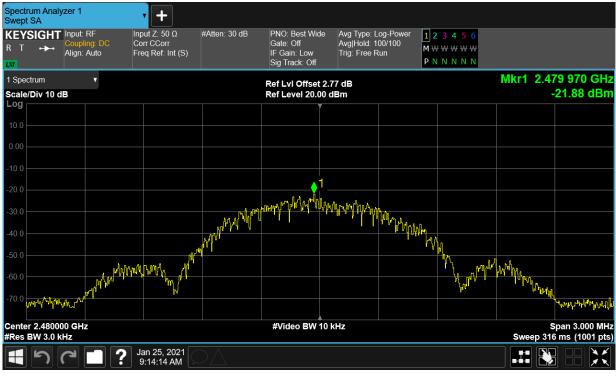
PSD NVNT BLE 2442MHz Ant1



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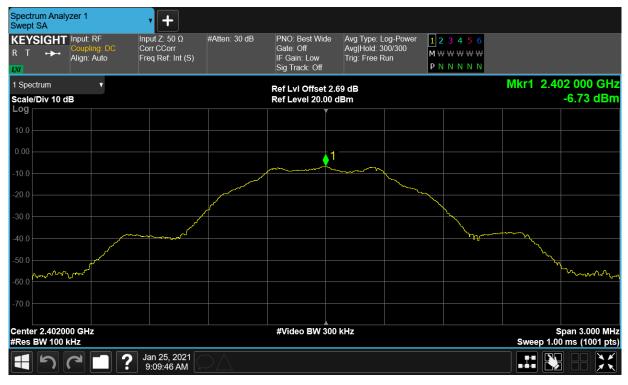
PSD NVNT BLE 2480MHz Ant1



Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-49.75	-20	Pass
NVNT	BLE	2480	Ant1	-48.95	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref



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Project No.: JYTSZE2101099



Band Edge NVNT BLE 2402MHz Ant1 Emission

Spectrum Anal Swept SA			,	+							
KEYSIGHT R T +>-+	Input: F Couplin Align: A	ng: DC	Co	ut Ζ: 50 Ω rr CCorr lq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Hold: 3 Trig: Free F	00/300	1 2 3 4 5 6 M₩₩₩₩₩₩ P N N N N N		
1 Spectrum		V				Ref LvI Offset				Mkr1 2	.402 0 GHz
Scale/Div 10	B					Ref Level 20.0	00 dBm				-6.63 dBm
10.0							(
0.00											<u>_</u> 1
-10.0											<u> </u>
-20.0											DL1 -26.73 dBm
-30.0											
-40.0			∆ 4							. 3	
-60.0	بالمرسولين المرسو	and the second	Lin	مصبرات المالوجين	n Managlace Marmalian		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and the second	mahalahaha	- and -	-was have
-70.0											
Start 2.30600	GH7					#Video BW 3	300 kHz			St	op 2.40600 GHz
#Res BW 100											0 ms (1001 pts)
5 Marker Table		T									
Mode	Trace	Scale		Х		Y	Function	F	unction Width	Functio	n Value
	1	f			02 0 GHz	-6.634 dBn					
2 N 3 N	1	f f			00 0 GHz 90 0 GHz	-58.54 dBn -59.17 dBn					
4 N	1	f			23 3 GHz	-56.48 dBn					
5 6											
1 5	6	- ?	Ja 9	an 25, 2021 :09:52 AM							

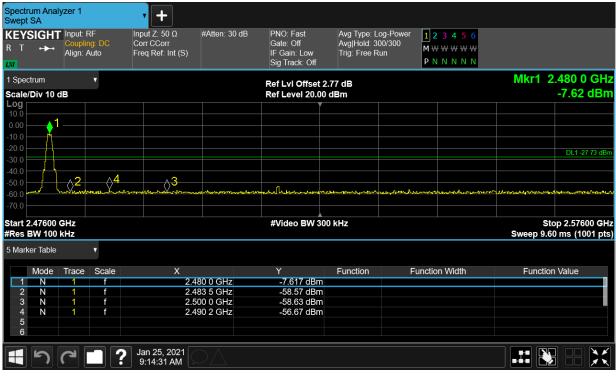
Band Edge NVNT BLE 2480MHz Ant1 Ref

Spectrum Analy Swept SA		• +						
KEYSIGHT R T ↔→•	Input: RF Coupling: DC Align: Auto	Input Z: 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-Pow Avg Hold: 300/300 Trig: Free Run	er 123456 MWWWWW PNNNNN		
1 Spectrum Scale/Div 10 d	v B			Ref LvI Offset 2. Ref Level 20.00			Mkr1 2.4	79 988 GHz -7.73 dBm
Log								
0.00				1				
-10.0								
-30.0								
-40.0	and the second s					- Mor		
-60.0	Nord Mar							Mada Mara
-70.0								
Center 2.48000 #Res BW 100 k				#Video BW 300) kHz			Span 3.000 MHz 0 ms (1001 pts)
ま り(Jan 25, 2021 9:14:25 AM						

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Band Edge NVNT BLE 2480MHz Ant1 Emission

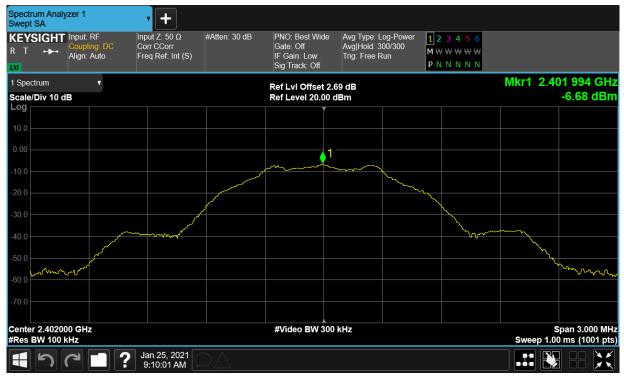


Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant1	-43.63	-20	Pass
NVNT	BLE	2442	Ant1	-42.58	-20	Pass
NVNT	BLE	2480	Ant1	-42.42	-20	Pass



Tx. Spurious NVNT BLE 2402MHz Ant1 Ref

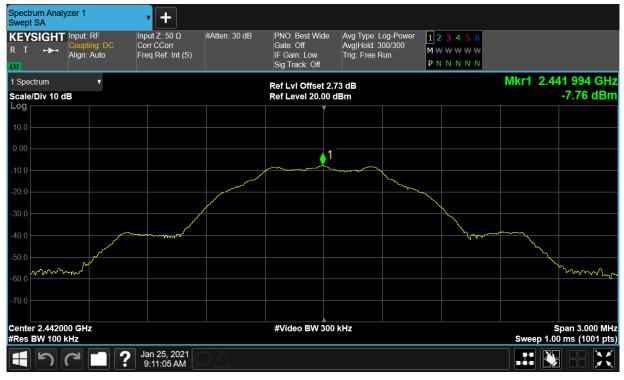


Tx. Spurious NVNT BLE 2402MHz Ant1 Emission





Tx. Spurious NVNT BLE 2442MHz Ant1 Ref

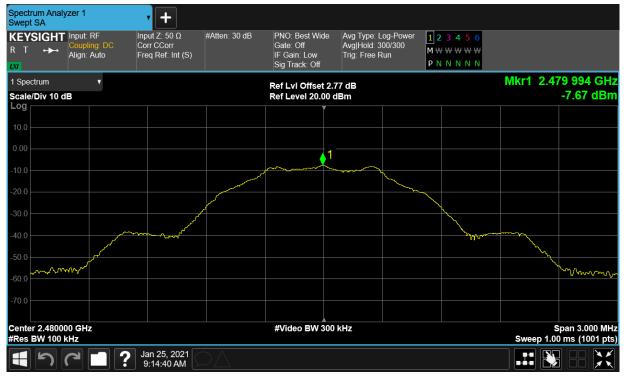


Tx. Spurious NVNT BLE 2442MHz Ant1 Emission





Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission

