

Test Data

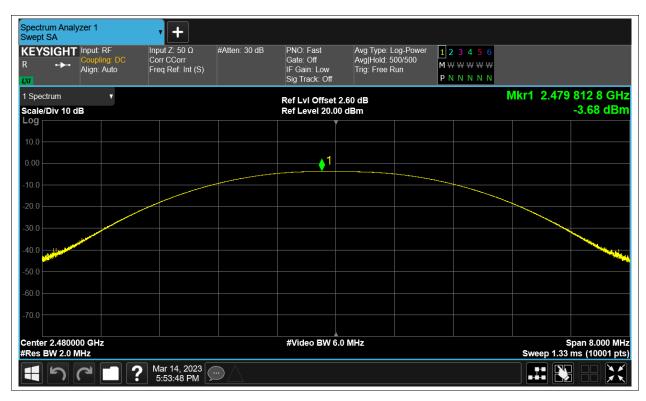
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant5	-4.296	30	Pass
NVNT	BLE	2442	Ant5	-2.724	30	Pass
NVNT	BLE	2480	Ant5	-3.677	30	Pass











-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2402	Ant5	0.663	0.5	Pass
NVNT	BLE	2442	Ant5	0.664	0.5	Pass
NVNT	BLE	2480	Ant5	0.658	0.5	Pass







Spectrur Occupie		zer 1		-								
R R	IGHT ↔	Input: RF Coupling Align: Au	: DC	Input Z: Corr CCo Freq Ref	orr	Atten: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre Avg Hold: Radio Std:				
1 Graph		· · · · · ·	•				Ref LvI Offset 2	60 dB		Mk	r3 2.48032	9000 GHz
Scale/D	iv 10.0	dB					Ref Value 22.60					-9.74 dBm
Log 12.6												
2.60						2^{1}			3			
-7.40												
-17.4											~	
-37.4												
-47.4												
-67.4												
Center 2 #Res BV							#Video BW 300	00 kHz			Sweep 1.33 n	Span 2 MHz ns (10001 pts)
2 Metrics	3	,	•									
		Occu	ipied Bar	ndwidth								
			prod Bai	1.0548	MHz				Total Power		2.37 dBm	
			smit Freq			-590 Hz			% of OBW Power		99.00 %	
		x dB	Bandwid	lth		658.3 kHz			x dB		-6.00 dB	
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Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2402	Ant5	1.022
NVNT	BLE	2442	Ant5	1.023
NVNT	BLE	2480	Ant5	1.023







Spectr Occup	um Analy ied BW	zer 1		• +									
REY:	SIGHT .≁·	Input: F Couplir Align: A	ig: DC	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	Atter	n: 30 dB	Trig: Free Run Gate: Off #IF Gain: Low	Avg H		2.480000000 0 00/1000 one	θHz		
1 Grap			•				Ref LvI Offset						
	Div 10.0	dB					Ref Value 22.0	50 dBm					
Log 12.6													
2.60													
-7.40							A	$\sim \sim \sim$					
-17.4						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				m			
-27.4					1 million						+		
-37.4			\sim	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~									
-47.4			and the second										
-57.4 -67.4													
						ļ							
	r 2.48000 BW 30.00						#Video BW 10	0.00 kHz				Europe 2 22	Span 3 MHz ms (10001 pts)
												Sweep 3.33	ns (10001 pts)
2 Metr	ics		•										
		<u></u>		-1141-									
		Occ	cupied Ban	awiatn 1.0233 MHz						Total Power		3.24 dBm	
			nsmit Freq		-1.52					% of OBW Po	wer	99.00 %	
		-x ai	B Bandwidt	n –	1.281)	x dB		-26.00 dB	
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Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2402	Ant5	-10.828	8	Pass
NVNT	BLE	2442	Ant5	-9.252	8	Pass
NVNT	BLE	2480	Ant5	-10.165	8	Pass











Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant5	-51.03	-20	Pass
NVNT	BLE	2480	Ant5	-51.06	-20	Pass











Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant5	-45.07	-20	Pass
NVNT	BLE	2442	Ant5	-47	-20	Pass
NVNT	BLE	2480	Ant5	-45.92	-20	Pass











