

Test Data

Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant1	-0.774	30	Pass
NVNT	BLE	2442	Ant1	0.35	30	Pass
NVNT	BLE	2478	Ant1	-0.377	30	Pass



			Test Gra	phs				
		Power	NVNT BLE 2	2404MHz Ar	nt1			
Spectrum Analyzer 1 Swept SA	• +							
KEYSIGHT Input: RF R T → Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Hold: 1 Trig: Free F	00/100	1 2 3 4 5 6 M₩₩₩₩₩₩ P N N N N N		
1 Spectrum			Ref LvI Offset				Mkr1 2.404	4 268 8 GHz
Scale/Div 10 dB Log			Ref Level 20.0	0 dBm				-0.77 dBm
10.0								
0.00				<u> </u>				
-10.0								
-20.0								
-30.0								The Market Street
-40.0								
-50.0								
-60.0								
-70.0								
Center 2.404000 GHz #Res BW 2.0 MHz			#Video BW 6	.0 MHz				Span 8.000 MHz 3 ms (10001 pts)
	Jul 17, 2024 10:28:38 PM							
	10:28:38 PM		NVNT BLE 2	2442MHz Ar	nt1			
Spectrum Analyzer 1 Swept SA	10:28:38 PM		NVNT BLE 2	2442MHz Ar	nt1			
Spectrum Analyzer 1 Swept SA	, +		NVNT BLE 2 PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	2442MHz Ar Avg Type: L Avg Hold: 1 Trig: Free F	_og-Power 00/100 Run	1 2 3 4 5 6 M ₩ ₩ ₩ ₩ ₩ P N N N N N		
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto VV 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto V7 1 Spectrum Scale/Div 10 dB Log 10.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input. RF Coupling. DC Align: Auto LVV 1 Spectrum Scale/Div 10 dB Log	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF R T \leftrightarrow Coupling DC Align: Auto UV 1 Spectrum Scale/Div 10 dB Log 10.0 .000 .10.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF R T ↔ Align: Auto LV/ 1 Spectrum Scale/Div 10 dB Log 10.0 -10.0 -20.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz 0.35 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto 200 Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0 -30.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF Coupling: DC Align: Auto V7 1 Spectrum ▼ Scale/Div 10 dB Log 10.0 -10.0 -20.0 -30.0 -40.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz 0.35 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz 0.35 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF Coupling: DC Align: Auto V7 1 Spectrum ▼ Scale/Div 10 dB Log 10.0 -10.0 -20.0 -30.0 -40.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz 0.35 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩		2 228 0 GHz 0.35 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT Input RF Coupling: DC Align: Auto V/ 1 Spectrum ✓ Scale/Div 10 dB Log ✓ 10.0 ✓ -10.0 ✓ -20.0 ✓ -30.0 ✓ -60.0 ✓ -70.0 ✓ Center 2.442000 GHz	Input Z: 50 Ω	Power	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩	Mkr1 2.442	2 228 0 GHz 0.35 dBm
Spectrum Analyzer 1 Swept SA KEYSIGHT R T →→ Input RF Coupling: DC Align: Auto 1 Spectrum Scale/Div 10 dB Log	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	Power #Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset Ref Level 20.0	Avg Type: L Avg Hold: 1 Trig: Free F 2.58 dB 0 dBm	_og-Power 00/100 Run	Μ₩₩₩₩₩	Mkr1 2.442	2 228 0 GHz 0.35 dBm







-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	BLE	2404	Ant1	1.186	0.5	Pass
NVNT	BLE	2442	Ant1	1.123	0.5	Pass
NVNT	BLE	2478	Ant1	1.113	0.5	Pass











Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE	2404	Ant1	2.049
NVNT	BLE	2442	Ant1	2.047
NVNT	BLE	2478	Ant1	2.052







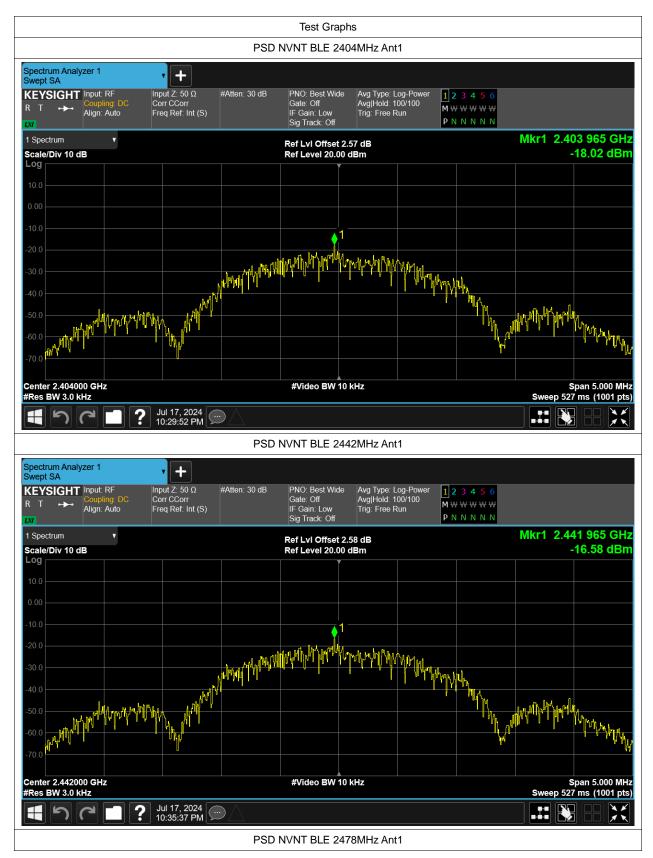




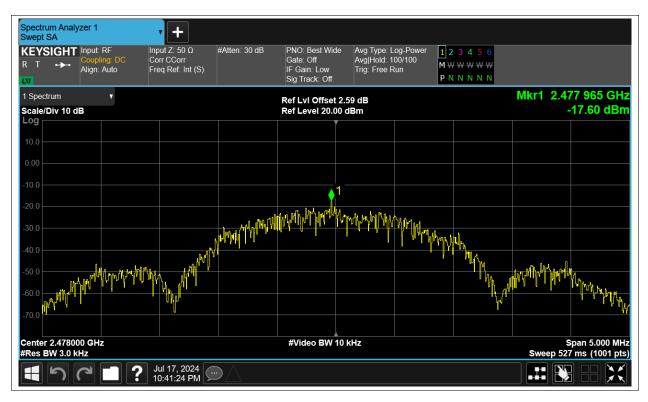
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	BLE	2404	Ant1	-18.016	8	Pass
NVNT	BLE	2442	Ant1	-16.583	8	Pass
NVNT	BLE	2478	Ant1	-17.604	8	Pass











Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant1	-53.74	-20	Pass
NVNT	BLE	2478	Ant1	-55.43	-20	Pass



			Test Grap	ns				
		Band Edge	e NVNT BLE 24	404MHz Ar	nt1 Ref			
Spectrum Analyzer 1 Swept SA	+							
KEYSIGHT Input: RF R T ↔ Coupling: DC Align: Auto		#Atten: 30 dB	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Hold: 1 Trig: Free F	00/100 Run	2 3 4 5 6 1₩₩₩₩₩₩ PNNNNN		
1 Spectrum v			Ref LvI Offset 2	.57 dB			Mkr1 2.4	04 000 GHz
Scale/Div 10 dB Log			Ref Level 20.00	dBm				-1.63 dBm
10.0								
-10.0			m	hund				
-20.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		. \	www.			
-30.0					<u> </u>	MrA-		
-40.0		~~~/~			\bigvee	No come V		
-50.0	~	-					M.	
-60.0 - Char Manana							horan	man
-70.0								
Center 2.404000 GHz #Res BW 100 kHz			#Video BW 30) kHz				Span 8.000 MHz 00 ms (1001 pts)
	Jul 17, 2024 10:29:56 PM							
	В	and Edge N	VNT BLE 2404	1MHz Ant1	Emission			
Spectrum Analyzer 1 Swept SA	• +	and Edge N	VNT BLE 2404	IMHz Ant1	Emission			
	• +	and Edge N #Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: L Avg Type: L Avg Hold: 1 Trig: Free F	.og-Power <mark>1</mark> 00/100 M	23456 WWWWW NNNNN		
Swept SA KEYSIGHT Input: RF R T Align: Auto VV 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low	Avg Type: L Avg Hold: 1 Trig: Free F .57 dB	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	Mkr1 :	2.404 0 GHz -1.79 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum V V	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: L Avg Hold: 1 Trig: Free F .57 dB	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	Mkr1 :	
Swept SA KEYSIGHT Input: RF R T I Spectrum Scale/Div 10 dB OU	Input Z: 50 Ω Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: L Avg Hold: 1 Trig: Free F .57 dB	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	Mkr1 :	
Swept SA KEYSIGHT Input: RF R T 1 Spectrum Scale/Div 10 dB 10.0 0.00 10.0 0.00 10.0 0.00	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: L Avg Hold: 1 Trig: Free F .57 dB	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	Mkr1 :	-1.79 dBm
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto VV 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: L Avg Hold: 1 Trig: Free F .57 dB	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	Mkr1 :	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T 1 Spectrum V Scale/Div 10 dB Log 10.0 -20.0 -30.0 -40.0 -70.0	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref Level 20.00	Avg Type: L Avg Hold 1 Trig: Free F 57 dB dBm	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	3	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC Align: Auto Align: Auto V// V 1 Spectrum V Scale/Div 10 dB Coupling: DC Log 0 10.0 0 .20.0 0 .30.0 0 .40.0 0 .70.0 0 Start 2.30800 GHz #Res BW 100 kHz	Input Z: 50 Ω Corr CCorr	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2	Avg Type: L Avg Hold 1 Trig: Free F 57 dB dBm	.og-Power <mark>1</mark> 00/100 M	1 ₩ ₩ ₩ ₩ ₩	Salarana Salarana	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T T I Spectrum V Scale/Div 10 dB Output: RF Log Imput: RF 10.0 Imput: RF 20.0 Imput: RF 30.0 Imput: RF 40.0 Imput: RF 5 Marker Table V	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: L Avg Hold. 1 Trig: Free F dBm dBm	Log-Power 00/100 Run F	W W W W W N N N N N N 	Si Sweep 9.6	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T 1 Spectrum • Gouping: DC 1 Spectrum • Scale/Div 10 dB Log 10.0 20.0 -30.0 -40.0 -50.0	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 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Avg Type: L Avg Hold 1 Trig: Free F 57 dB dBm	Log-Power 00/100 Run F	1 ₩ ₩ ₩ ₩ ₩	Si Sweep 9.6	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC 1 Spectrum V Align: Auto V 1 Spectrum V Scale/Div 10 dB Log 10.0 20.0 -20.0	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	Avg Type: L Avg Hold. 1 Trig: Free F dBm dBm	Log-Power 00/100 Run F	W W W W W N N N N N N 	Si Sweep 9.6	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T Coupling: DC J Scale/Div 10 dB Scale/Div 10 dB Log Image: Scale data and the scale data and	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 44-40-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	Avg Type: L Avg Hold. 1 Trig: Free F dBm dBm	Log-Power 00/100 Run F	W W W W W N N N N N N 	Si Sweep 9.6	-1.79 dBm
Swept SA KEYSIGHT Input: RF R T 1 Spectrum Image: Coupling DC Align: Auto 200 Image: Coupling DC Align: Auto 300 Image: Coupling DC Align: Auto 400 Image: Coupling DC Align: Auto 500 Image: Coupling DC Align: Auto 500 Image: Coupling DC Align: Auto 700 Image: Coupling DC Align: Auto 5 Marker Table Image: Coupling DC Align: Auto 1 Image: Coupling DC Align: Auto 5 Image: Coupling DC Align: 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 44-40-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	Avg Type: L Avg Hold. 1 Trig: Free F dBm dBm	Log-Power 00/100 Run F	W W W W W N N N N N N 	Si Sweep 9.6	-1.79 dBm







Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2404	Ant1	-46.74	-20	Pass
NVNT	BLE	2442	Ant1	-48.38	-20	Pass
NVNT	BLE	2478	Ant1	-47.71	-20	Pass



			Test Graph	าร		
	Т	x. Spurious	NVNT BLE 2	404MHz Ant1 I	Ref	
Spectrum Analyzer 1 Swept SA	+					
		tten: 30 dB	PNO: Best Wide Gate: Off	Avg Type: Log-Po Avg Hold: 100/100		
R T ↔ Align: Auto	Freq Ref: Int (S)		IF Gain: Low Sig Track: Off	Trig: Free Run	, M₩₩₩₩₩ ₽ N N N N N	
1 Spectrum v			Ref LvI Offset 2.			Mkr1 2.403 994 GHz
Scale/Div 10 dB			Ref Level 20.00	dBm		-1.77 dBm
10.0						
0.00			1			
-10.0		1 mar	W. W. W.	hallow when	- Crown with when you	
-20.0						Mr. May
-30.0						- man
-40.0 -40.0						
-50.0						
-60.0						
-70.0						
Center 2.404000 GHz			#Video BW 300	kHz		Span 3.000 MHz
#Res BW 100 kHz	Jul 17, 2024	^				Sweep 1.00 ms (1001 pts)
	Jul 17, 2024 10:30:04 PM	\triangle				
	Tx.	Spurious N\	/NT BLE 2404	4MHz Ant1 Em	ission	
Spectrum Analyzer 1						
Swept SA	• +					
Swept SA KEYSIGHT Input: RF P T N Coupling: DC	Input Z: 50 Ω #A Corr CCorr	utten: 30 dB	PNO: Fast Gate: Off	Avg Type: Log-Po Avg Hold: 10/10		
Swept SA	Input Ζ: 50 Ω #A	utten: 30 dB			wer 123456 M \overline \ov	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto 1 Spectrum	Input Z: 50 Ω #A Corr CCorr		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 57 dB	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	Mkr1 2.412 GHz
Swept SA KEYSIGHT Input: RF R T Align: Auto V 1 Spectrum Scale/Div 10 dB	Input Z: 50 Ω #A Corr CCorr		Gate: Off IF Gain: Low Sig Track: Off	Avg Hold: 10/10 Trig: Free Run 57 dB	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	Mkr1 2.412 GHz -5.47 dBm
Swept SA KEYSIGHT Input: RF R T Coupling DC Align: Auto VV 1 Spectrum Scale/Div 10 dB Log 0.00 1	Input Z: 50 Ω #A Corr CCorr		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 57 dB	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	
Swept SA KEYSIGHT Input: RF R T Scale/Div 10 dB Log 0.00 -20.0	Input Z: 50 Ω #A Corr CCorr		Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2.	Avg Hold: 10/10 Trig: Free Run 57 dB	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	
Swept SA KEYSIGHT Input: RF Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 -0.0 -10.0 -20.0 -40.0	Input Z: 50 Ω #A 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 57 dB	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	-5.47 dBm
Swept SA KEYSIGHT Input: RF R T Scale/Div 10 dB Log 10.0 -0.0 -30.0 -40.0 -50.0 -60.0	Input Z: 50 Ω #A 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 57 dB	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	-5.47 dBm
Swept SA KEYSIGHT Input: RF Coupling: DC XV Coupling: DC Scale/Div 10 dB V Scale/Div 10 dB 1 20.0 1	Input Z: 50 Ω #A 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 57 dB dBm	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	-5.47 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum V Scale/Div 10 dB Log 1 10.0 1 -0.0 1 -10.0 1 -20.0 - -30.0 - -60.0 - -70.0 - Start 30 MHz + #Res BW 100 kHz -	Input Z: 50 Ω #A 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 57 dB dBm	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	-5.47 dBm
Swept SA KEYSIGHT R T Coupling: DC Align: Auto I Spectrum Scale/Div 10 dB Log 10.0 -20.0 -30.0 -40.0 -50.	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 (#Video BW 300	Avg Hold: 10/10 Trig: Free Run		-5.47 dBm DL1-21.78 dBm
Swept SA KEYSIGHT R T Coupling DC Align: Auto VV 1 Spectrum Scale/Div 10 dB Log 100 -00 -00 -00 -00 -00 -00 -00	Input Z ⁻ 50 Ω Corr CCorr Freq Ref: Int (S)	2 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 #Video BW 300	Avg Hold: 10/10 Trig: Free Run 57 dB dBm	$M \nleftrightarrow \Downarrow \Downarrow \Downarrow \Downarrow$	-5.47 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum Coupling: DC 1 Spectrum Scale/Div 10 dB Log 1 100 1 -200 1 -30.0 1 -40.0 - -50.0 - -60.0 - -70.0 - Start 30 MHz Frace FRes EW 100 kHz 5 5 Marker Table V Mode Trace 2 1 1 1 1 1	Input Z' 50 Ω Corr CCorr Freq Ref: Int (S)	2 <u>GHz</u> 4 Hz 3 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (#Video BW 300 Y -53.41 dBm -55.35 dBm	Avg Hold: 10/10 Trig: Free Run		-5.47 dBm DL1-21.78 dBm
Swept SA KEYSIGHT R T ···· Coupling DC Align: Auto INV 1 Spectrum • Scale/Div 10 dB Log • 100 • 200 • -200 • -300 • -40.0 • -50.0 • -60.0 • -70.0 • Start 30 MHz #Res BW 100 kHz 5 Marker Table • Mode Trace Scale 1 1 f 3 1 f 4 N 1 f	Input Z' 50 Ω Corr CCorr Freq Ref: Int (S)	2 GHz 4 GHz 3 GHz 3 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (#Video BW 300 Y -5.469 dBm -53.41 dBm	Avg Hold: 10/10 Trig: Free Run		-5.47 dBm DL1-21.78 dBm
Swept SA KEYSIGHT Input: RF R T I Spectrum Coupling: DC 1 Spectrum Scale/Div 10 dB Log 1 100 1 -200 - <	Input Z: 50 Ω #A Corr CCorr Freq Ref: Int (S) Freq Ref: Int (S) #A 2 3 2 3 2 3 4.87 7.200 9.455 26.156	2 GHz 4 GHz 3 GHz 3 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (#Video BW 300 Y -55.469 dBm -55.45 dBm -55.49 dBm	Avg Hold: 10/10 Trig: Free Run		-5.47 dBm
Swept SA KEYSIGHT R T ···· Coupling DC Align: Auto INV 1 Spectrum • Scale/Div 10 dB Log • 100 • 200 • -200 • -300 • -40.0 • -50.0 • -60.0 • -70.0 • Start 30 MHz #Res BW 100 kHz 5 Marker Table • Mode Trace Scale 1 1 f 3 1 f 4 N 1 f	Input Z: 50 Ω #A Corr CCorr Freq Ref: Int (S) Freq Ref: Int (S) #A \$	2 GHz 4 GHz 4 GHz 3 GHz 3 GHz 6 GHz	Gate: Off IF Gain: Low Sig Track: Off Ref LvI Offset 2. Ref Level 20.00 (#Video BW 300 Y -5.469 dBm -53.41 dBm -55.35 dBm -55.49 dBm -55.49 dBm	Avg Hold: 10/10 Trig: Free Run	Function Width	-5.47 dBm DL1-21.78 dBm







