

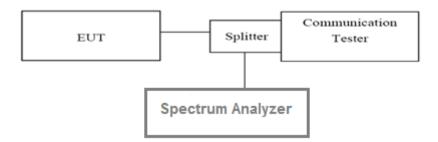
5.4. Band Edge

LIMIT

Part 24.238 and Part 22.917 and Part 27.53h(1) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
- The band edges of low and high channels for the highest RF powers were measured. Set RBW>= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
- 3. Set spectrum analyzer with RMS detector.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

🛛 Passed

Not Applicable

									(
	😁 Spectrum								
Ref Level 3 Att	2.50 dBm Offse)dB ● RBW 30 ms) ● VBW 100) kHz) kHz Mode Au	to FFT				Count 100/100
1 Frequency		110 00 ()12 1	1						⊙1Sa Avg
30 dBm								M1[1] 1	-28.26 dBn .71000000 GH
20 dBm									
10 dBm						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
0 dBm									
-10 dBm	H1 -13.000 dBm								
-20 dBm									
				M	1/				
-30 dBm								$ \land \land \land \land$	
40 dBm								$ \geq 1 $	
-40 dBm									
-50 dBm									\square
		$\overline{}$	r						
-68 dBm									
CF 1.71 GHz			1001 pt	is	20	00.0 kHz/			Span 2.0 MHz
	Y						Measuring	•••••	14.02.2017 09:31:43
MultiView	Spectrum			Channel I	Low-1RB#	ŧ			09.31.43
Att	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100			£		(Count 100/100
Ref Level 3	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		£		M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		£		M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		£		M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.50) dB ● RBW 30 ms) ● VBW 100) kHz		£		M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		£		M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ns) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 15a Avg -28.33 dBr
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm	Sweep	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 15a Avg -28.33 dBr
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	dB ● RBW 3c ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	Sweep	t 12.50) dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 15a Avg -28.33 dBr
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm	Sweep	t 12.50) dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	Sweep	t 12.50) dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm	Sweep	t 12.50) dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm	Sweep	t 12.50	0 dB • RBW 300 ms) • VBW 1000) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -40 dBm	Sweep	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm	Sweep	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	Sweep	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 1Sa Avg -28.33 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -40 dBm	Sweep	t 12.50	dB ● RBW 3c ms) ● VBW 100) kHz				M1[1]	Count 100/100 ● 15a Avg -28.33 dBr
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	ms) • VBW 100	0 kHz kHz Mode Au				M1[1]	Count 100/100
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	idB ● RBW 30 ms) ● VBW 100	0 kHz kHz Mode Au		E		M1[1]	Count 100/100 15a Avg -28.33 dBn .75500000 GH

NA142-41	C Encetario		LTE						
MultiView									
Att		et 12.5 140 µs (~7.2	50 dB = RBW 30 2 ms) = VBW 100) kHz) kHz Mode Au	ito FFT			c	ount 100/100
1 Frequency	Sweep							M1[1]	1Sa Avg -32.99 dBn
30 dBm								1	71000000 GH
20 dBm									
20 UBIII-									
10 dBm									
TO ODIII									
0 dBm					~			$ \longrightarrow $	
o ubiii							Ţ		
-10 dBm									
	H1 -13.000 dBm								
-20 dBm									
-30 dBm				ļ,					
		_		f	Ý				
-40 dBm	+	$ \sim \sim$	~						
-50 dBm									
-60 dBm									
CF 1.71 GHz			1001 pt	s	20	00.0 kHz/			Span 2.0 MHz 14.02.2017
MultiViow	Spectrum		(Channel Lo	ow-Full RE	3#			
	2.50 dBm Offse	et 12.5	50 dB = RBW 30) kHz		3#			▼
Ref Level 32 Att Frequency	2.50 dBm Offse 20 dB SWT	et 12.5) kHz		3#			Count 100/100 ●1Sa Avg
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	v ====================================
Ref Level 32 Att 1 Frequency 3 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 Att Frequency 5	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 Att 1 Frequency 3 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 Att 1 Frequency 3 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 Att 1 Frequency 3 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 3: • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm 0.dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 3; Att I Frequency 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB = RBW 30) kHz		3# 		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30) kHz		3# 		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 3: • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm 0.dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 3 30 dBm 20 dBm 10 dBm -0.dBm -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30) kHz		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 3: • Att 1 Frequency : 30 dBm 20 dBm 10 dBm -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 3: • Att 1 Frequency 3: 30 dBm 20 dBm 10 dBm -0. dBm -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 30 dBm 20 dBm 10 dBm -0.dBm -20 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 3 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB = RBW 30	D kHz D kHz Mode Au		3#		M1[1]	Count 100/100 ● 153 Avg -37.24 dBn
Ref Level 32 • Att 1 Frequency 1 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	2.50 dBm Offse 20 dB SWT Sweep H1 -13.000 dBm	et 12.5	50 dB = RBW 30	D kHz D kHz Mode AL		3#		M1[1]	▼ Sount 100/100 • 15a Avg • 37.24 dBr • 75500000 GH ■

MultiView	B Spectrum								
	2.50 dBm Offse		dB ● RBW 30) kHz					Ľ
Att	20 dB SWT	140 µs (~7.2	ms) • VBW 100		uto FFT				Count 100/100 • 1Sa Avg
1 Frequency 30 dBm	oweep							M1[1]	-30.08 dBn
									1.71000000 GH:
20 dBm									
10 dBm									
						1 λ			
0 dBm									
-10 dBm						+			
	H1 -13.000 dBm								
-20 dBm							\land		
-30 dBm							\vdash		
				مبر				\mathbb{N}	
-40 dBm								+	
				land a second					\downarrow
-50 dBm	-	-							
	-								
-60 dBm									
CF 1.71 GHz	1		1001 pt	s	20	00.0 kHz/		()	Span 2.0 MHz 14.02.2017
MultiViow	Spectrum			Channel	Low-1RB‡	ŧ			09.31.13
Ref Level 3	B Spectrum	t 12.50	0 dB ● RBW 30) kHz		ŧ			▼
	2.50 dBm Offse 20 dB SWT	t 12.50)dB ● RBW 30 ms) ● VBW 100) kHz		‡			© Count 100/100 ● 1Sa Avg
Ref Level 3 Att	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		ŧ		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		<i>‡</i>		M1[1]	© Count 100/100 ● 1Sa Avg
Ref Level 3 Att 1 Frequency	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		<i>‡</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB ● RBW 30 ms) ● VBW 100) kHz		<i>‡</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz		<i>‡</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz		<i>t</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB • RBW 3(ms) • VBW 100) kHz		<i>t</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz		<i>t</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz		<i>t</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 0 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz		<i>t</i>		M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 0 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 • Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 3(ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 30 ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -20 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 3(ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 • Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 3(ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 3(ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -20 dBm -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	D dB • RBW 3(ms) • VBW 100) kHz				M1[1]	© Count 100/100 ● 1Sa Avg -31.04 dBn
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm 0 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dE • RBW 33 ms) • VBW 100	kHz Mode Au		¢		M1[1]	Count 100/100 1Sa Avg -31,04 dBn 1.75500000 GH;
Ref Level 3 Att 1 Frequency 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	ms) • VBW 100	kHz Mode Au				M1[1]	Count 100/100 • 1S3 Avg -31.04 dBn 1.75500000 GH;

MultiView	B Spectrum								
Ref Level 3	2.50 dBm Offse	t 12.50	dB = RBW 30						
Att 1 Frequency		140 µs (~7.2 r	ns) – VBW 100	KHZ Mode A	uto FFT				Count 100/100 • 1Sa Avg
30 dBm								M1[1]	-34.73 dBn
									1.71000000 GH
20 dBm									
10 dBm									
0 dBm					+			h	
-10 dBm					+ $+$				
	H1 -13.000 dBm								
-20 dBm					+				
-30 dBm					MICON				
			h	$ \longrightarrow $	*				
-40 dBm									
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	T								
-50 dBm								-	
-60 dBm									
CF 1.71 GHz			1001 pt	s	20	00.0 kHz/			Span 2.0 MHz 14.02.2017
							Measuring	-	00.00.50
MultiViou	Spectrum		C	Channel L	ow-Full RE	3#			
	Spectrum				ow-Full RE	3#			[⊽
Ref Level 3	2.50 dBm Offse		dB • RBW 30	kHz		3#			v Count 100/100
Ref Level 3	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg - 36.71 dBn
Ref Level 3 Att 1 Frequency	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 ● 1Sa Avg
Ref Level 3 Att 1 Frequency	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg - 36.71 dBn
Ref Level 3 Att 1 Frequency 30 dBm-	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg - 36.71 dBn
Ref Level 3 Att 1 Frequency 30 dBm-	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg - 36.71 dBn
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg - 36.71 dBn
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3 Att I Frequency 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz		3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg -36.71 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB = RBW 30 ns) = VBW 100	kHz kHz Mode A	uto FFT			M1[1]	Count 100/100 • 153 Avg -36.71 dBn 1.75500000 GH
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	dB • RBW 30	kHz kHz Mode A	uto FFT	3#		M1[1]	Count 100/100 • 1Sa Avg - 36.71 dBn 1.75500000 GH

MultiView		(						
Ref Level 32 Att	.50 dBm Offse 20 dB SWT	et 12. 140 µs (~7.	.50 dB <b>● RBW</b> 30 2 ms) <b>● VBW</b> 100	kHz kHz Mode Aut	o FFT			Count 100/100
1 Frequency S	Sweep	, ì	,					●1Sa Avg
30 dBm							M1[1]	-23.28 dBn 1.71000000 GH
20 dBm								
10 dBm								
0 dBm								_
-10 dBm								
	H1 -13.000 dBm-							
-20 dBm								
					1			
-30 dBm								
55 upm							$\sim$	
-40 dBm								~
-50 dBm		~						
		$\downarrow$						
-68 dBm								
			1001					
CF 1.71 GHz	1		1001 pt	s	20	00.0 kHz/	 ••••••	Span 2.0 MHz
								0 14.02.2017 09:45:01
				Channel L	.ow-1RB#	ŧ		
MultiView					.ow-1RB#	ŧ	 	09:45:01
Ref Level 32 Att	20 dB SWT	et 12.	50 dB ● RBW 30 2 ms) ● VBW 100	kHz		ŧ	 	
Ref Level 32 Att 1 Frequency S	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz		£		Count 100/100 1Sa Avg
Ref Level 32 Att	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz		£	M1[1]	▼ Count 100/100
Ref Level 32 Att 1 Frequency S 30 dBm	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz		£	M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz		£	M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S 30 dBm	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz		£	M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S 30 dBm	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz		£	M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S 30 dBm- 20 dBm-	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz			M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S 30 dBm- 20 dBm-	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz			M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz			M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz			M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dB SWT	et 12.	50 dB 🖷 RBW 30	kHz			M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz			M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -20 dBm           -30 dBm           -30 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -20 dBm           -30 dBm           -30 dBm	.50 dBm Offse 20 dB SWT weep	et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut	co FFT		M1[1]	⊂ Count 100/100 ● 1Sa Avg -25.98 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm		et 12.	50 dB • RBW 30 2 ms) • VBW 100	kHz kHz Mode Aut			M1[1]	Count 100/100
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm		et 12.	50 dB 🖷 RBW 30	kHz kHz Mode Aut		£	M1[1]	Count 100/100

MultiView	8 Spectrum								
	2.50 dBm Offse		)dB <b>● RBW</b> 30	kH7					Ľ
Att	20 dB SWT	140 µs (~7.2	ms) • VBW 100		to FFT				Count 100/100
1 Frequency 3 30 dBm	sweep							M1[1]	1Sa Avg -35.52 dBr
								1	.71000000 GH
20 dBm									
10 dBm									
0 dBm									
					/~~	$\sim\sim\sim$			
-10 dBm									
	H1 -13.000 dBm								
-20 dBm									
-30 dBm									
				N	1				
-40 dBm		þ	<u> </u>						
$\sim$									
-50 dBm									+
-60 dBm									
CF 1.71 GHz			1001 pt	s	20	00.0 kHz/	,		Span 2.0 MHz 14.02.2017
MultiView	Spectrum		C	Channel Lo	ow-Full RE	3#	measuring	••••••	09:46:17
	2.50 dBm Offse	t 12.50	)dB <b>●RBW</b> 30	kHz		3#	measuring		09:46:17
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	t 12.50		kHz		3#	measuring		09:46:17
Ref Level 32	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32 Att 1 Frequency 3	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32 Att 1 Frequency 3	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32 Att I Frequency 3 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32 Att I Frequency 3 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3:           Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3;           Att           I Frequency 30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3:           Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3:           • Att           1 Frequency 3:           20 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 3:           • Att           1 Frequency 3:           20 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	)dB <b>●RBW</b> 30	kHz		3#		M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep H1 -13.000 dBm	t 12.50	0 dB • RBW 30 ms) • VBW 100	kHz kHz Mode Au				M1[1]	09:46:17
Ref Level 32           Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep H1 -13.000 dBm	t 12.50	)dB <b>●RBW</b> 30	kHz kHz Mode Au		3#		M1[1]	09:46:17

MultiView	🖽 Spectrum								
Ref Level 3: Att	2.50 dBm Offse	et 12.50	)dB <b>= RBW</b> 30 ms) <b>= VBW</b> 100	) kHz ) kHz <b>Mode</b> Au	to FET				Count 100/100
1 Frequency		1 10 00 ( )12 1	1						●1Sa Avg
30 dBm								M1[1]	-25.76 dBn 1.71000000 GH:
20 dBm									
10 dBm						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
0 dBm									
-10 dBm									
	H1 -13.000 dBm								
-20 dBm									
					1				
-30 dBm									
-40 dBm									
			-						$\checkmark$
-50 dBm									+ <u> </u>
			T						
-60 dBm	+								
CF 1.71 GHz			1001 pt	S	20	00.0 kHz/	```		Span 2.0 MHz 14.02.2017
MultiViour	Spectrum			Channel I	Low-1RB#	Ł	medsumg	••••••	
Ref Level 3	B Spectrum 2.50 dBm Offse	t 12.50	) dB <b>= RBW</b> 30	) kHz		Ł			▼
Ref Level 3: Att	2.50 dBm Offse 20 dB SWT	t 12.50		) kHz		ŧ			Count 100/100
Ref Level 3	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz		£		M1[1]	Count 100/100 ● 1\$3 Avg -27.28 dBn
Ref Level 3: Att Frequency	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz		£		M1[1]	Count 100/100 ● 1Sa Avg
Ref Level 3: Att Frequency	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz		£		M1[1]	Count 100/100 ● 1\$3 Avg -27.28 dBn
Ref Level 33 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz		E		M1[1]	Count 100/100 ● 1\$3 Avg -27.28 dBn
Ref Level 33 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz		£		M1[1]	Count 100/100 ● 1\$3 Avg -27.28 dBn
Ref Level 3: Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 ● 1\$3 Avg -27.28 dBn
Ref Level 3: Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 ● 1\$3 Avg -27.28 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:         Att           1 Frequency         30 dBm           20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	) kHz				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 d8m           20 d8m           10 d8m           -10 d8m           -30 d8m           -30 d8m           -50 d8m	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	0 dB • RBW 300 ms) • VBW 100	kHz Mode Au				M1[1]	Count 100/100 • 1\$3 Avg -27.28 dBn
Ref Level 3:           • Att           1 Frequency           30 d8m           20 d8m           10 d8m           -10 d8m           -30 d8m           -30 d8m           -50 d8m	2.50 dBm Offse 20 dB SWT Sweep	t 12.50	) dB <b>= RBW</b> 30	kHz Mode Au		Ł		M1[1]	Count 100/100 15a Avg -27.28 dBn 1.75500000 GH;

	<u> </u>	$\neg$							
MultiView			<u> – – – – – – – – – – – – – – – – – – –</u>						
Att		12.50 140 µs (~7.2 m	dB • RBW 30 ns) • VBW 100		to FFT				ount 100/100
1 Frequency S 30 dBm	weep							M1[1]	1Sa Avg -35.37 dBn
00 45.0								1	.71000000 GH:
20 dBm									
10 dBm									
0 dBm									
									$\sim$
-10 dBm	H1 -13.000 dBm								
-20 dBm									
-20 UBIII									
-30 dBm									
				N	1				
-40 dBm									
-50 dBm									
-60 dBm									
CF 1.71 GHz			1001 pts		20	0.0 kHz/			Span 2.0 MHz
	Y						Measuring		14.02.2017
MultiView	Spectrum		С	hannel Lo	ow-Full RE	3#			09:45:55
Ref Level 32	.50 dBm Offset	12.50 140 µs (~7.2 n	dB • RBW 30 ns) • VBW 100	kHz		3#			⊽ Count 100/100
Ref Level 32 Att 1 Frequency S	.50 dBm Offset	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32	.50 dBm Offset	12.50 140 µs (~7.2 п	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	⊂ Count 100/100 ●1Sa Avg
Ref Level 32 Att 1 Frequency S	.50 dBm Offset	<u>12:50</u> 140 µs (~7.2 п	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offset	12.50 140 μs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38,05 dBn
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offset	12.50 140 µs (~7.2 п	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	.50 dBm Offset	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38,05 dBn
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offset	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32 Att I Frequency S 30 dBm 20 dBm 10 dBm 0 dBm	.50 dBm Offset	12.50 140 μs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	.50 dBm Offset	12.50 140 µs (~7.2 п	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32 Att I Frequency S 30 dBm 20 dBm 10 dBm 0 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38,05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm	.50 dBm Offset 20 dB SWT weep	12:50 140 µs (~7.2 n	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm	.50 dBm Offset 20 dB SWT weep	12:50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	.50 dBm Offset 20 dB SWT weep	12.50 140 µs (~7.2 m	dB <b>• RBW</b> 30	kHz		3#		( M1[1]	Count 100/100 ● 153 Avg -38.05 dBn
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	.50 dBm Offset 20 dB SWT weep	12:50 140 µs (~7.2 n	dB <b>• RBW</b> 30	KHZ KHZ Mode Au		3#		( M1[1]	Count 100/100 ●15a Avg -38.05 dBn -75500000 GH

Multitere	Spactrum	<u> </u>							
	B Spectrum		.50 dB 👄 RBW 1	001.04					Ľ
Att	20 dB SWT	42.04 µs (~9.	.1 ms) - VBW 3	DO KHZ DO kHz <b>Mode</b>	Auto FFT			c	ount 100/100
1 Frequency	Sweep							M1[1]	1Sa Avg -31.27 dBn
30 dBm								1	71000000 GH
20 dBm									
						$\sim$			
10 dBm						1	$\mathbf{X}$		
						/			
0 dBm					- /				
-10 dBm							$\left  \right\rangle$		
	H1 -13.000 dBm								
-20 dBm							$\left  \right $		
-30 dBm									
-40 dBm									<u> </u>
-50 dBm		ļ							
-60 dBm									
00 dbiii									
CF 1.71 GHz			1001 pt	s	20	)0.0 kHz/			Span 2.0 MHz
	20								
				Channel	Low-1RB#	£	Measuring		09:48:31
	B Spectrum				Low-1RB#	E	Measuring		09:48:31
Ref Level 3	2.50 dBm Offse	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	D0 kHz		5	Measuring		09:48:31
Ref Level 3 Att 1 Frequency	2.50 dBm Offse	et 12	50 dB ● RBW 10 1 ms) ● VBW 30	D0 kHz		E	Measuring	C	09:48:31
Ref Level 3	2.50 dBm Offse	et 12	.50 dB ● RBW 1 1 ms) ● VBW 3d	D0 kHz		E	Measuring	( 	09:48:31
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse	et 12	.50 dB ● RBW 1i 1 ms) ● VBW 3i	D0 kHz		5	Measuring,	( 	09:48:31 
Ref Level 3 Att 1 Frequency	2.50 dBm Offse	et 12	50 dB ● RBW 1i 1 ms) ● VBW 3i	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse	et 12	50 dB ● RBW 1 1 ms) ● VBW 30	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3 Att 1 Frequency 30 dBm	2.50 dBm Offse	et 12	50 dB • RBW 11 1 ms) • VBW 30	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse	et 12	50 dB • RBW 11 1 ms) • VBW 30	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           0 dBm           -10 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           0 dBm           -10 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz				( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz				( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm           -40 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz			Measuring	( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	D0 kHz				( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm           -40 dBm	2.50 dBm Offs 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 3	D0 kHz				( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12	1 ms) • VBW 30	00 kHz 00 kHz Mode				( 	09:48:31 
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12	50 dB • RBW 11 1 ms) • VBW 31	00 kHz 00 kHz Mode		E 		( 	09:48:31

MultiView	B Spectrum								
	2.50 dBm Offse	(	2.50 dB 🖷 RBW 1	00 kHz					Ľ
Att	20 dB SWT	42.04 µs (~	9.1 ms) • VBW 3	00 kHz Mode	Auto FFT				Count 100/100
1 Frequency 30 dBm	sweep							M1[1]	1Sa Avg -34.65 dBi
									1.71000000 G⊦
20 dBm									
10 dBm									
0 dBm								<b></b>	
-10 dBm	H1 -13.000 dBm-				/				
-20 dBm									
-20 000									
-30 dBm									
-40 dBm			$\overline{+}$					-	
-50 dBm									
-60 dBm									
CF 1.71 GHz			 1001 pt		21	00.0 kHz/			Span 2.0 MH
or my ronz			1001 pt	.0	2.	001011127			
MultiView	B Spectrum	· )	(	Channel Lo	ow-Full RE	3#	Measuring		09:47:4
Ref Level 3: Att	2.50 dBm Offse 20 dB SWT	et 1	( 2.50 dB ● RBW 1 9.1 ms) ● VBW 3	00 kHz		3#	Measuring.		09:47:4
Ref Level 3: Att Frequency	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#	Measuring		09:47:4
Ref Level 3: Att	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#	Measuring.	M1[1]	09:47:4
Ref Level 3: Att I Frequency	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#	Measuring	M1[1]	09:47:4
Ref Level 33 Att 1 Frequency 30 dBm-	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#	Measuring.	M1[1]	09:47:4
Ref Level 33 Att 1 Frequency 30 dBm-	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#	Measuring	M1[1]	09:47:4
Ref Level 3: Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#		M1[1]	09:47:4
Ref Level 3: Att 1 Frequency 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	et 1	2.50 dB • RBW 1	00 kHz		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz		3# 		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3#		M1[1]	09:47:4
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3# 		M1[1]	09:47:4
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3# 		M1[1]	09:47:4
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 1	2.50 dB • RBW 1	00 kHz 00 kHz Mode		3#		M1[1]	09:47:4

MultiView	😁 Spectru	m							
Ref Level 3			12.50 dB • RBW 1	00 kHz					<u> </u>
Att	20 dB SW		∨9.1 ms) ● <b>VBW</b> 3	00 kHz Mode /	Auto FFT				Count 100/100 • 1Sa Avg
1 Frequency 30 dBm	олеср							M1[1]	-34.06 dBn
									1.71000000 GH
20 dBm		_							
						_			
10 dBm							<u> </u>		
0 dBm					/	/			
-10 dBm							$ \rightarrow $		
	H1 -13.000 dBm								
-20 dBm							$ \rightarrow $		
-30 dBm									
-40 dBm								<u> </u>	L
			_						
-50 dBm		_							
		+							
-60 dBm	1								
CF 1.71 GHz			1001 pt	S	20	0.0 kHz/		•••••••••	Span 2.0 MHz 14.02.2017
MultiView	B Spectru	m		Channel	Low-1RB#	ŧ			
	32.50 dBm Offs	set	12.50 dB ● RBW 1 ~9.1 ms) ● VBW 3	00 kHz		Ł			▽
Ref Level 3 Att 1 Frequency	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 ∽9.1 ms) ● VBW 3	00 kHz		<u></u>			Count 100/100 ● 1Sa Avg
Ref Level 3 Att	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 ~9.1 ms) ● VBW 3	00 kHz		£		M1[1]	Count 100/100
Ref Level 3 Att 1 Frequency 30 dBm	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 √9.1 ms) ● VBW 3	00 kHz		£		M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3 Att 1 Frequency	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3 Att I Frequency 30 dBm 20 dBm	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 •9.1 ms) ● VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3 Att 1 Frequency 30 dBm	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3 Att I Frequency 30 dBm 20 dBm	32.50 dBm Offs 20 dB SW	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	32.50 dBm Offs 20 dB SW	set	12:50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm	32.50 dBm Offs 20 dB SW	set	12.50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB • RBW 1 /9.1 ms) • VBW 3	00 kHz 00 kHz Mode /				M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB ● RBW 1 -9.1 ms) ● VBW 3	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12:50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm	Size 50 dBm Offs 20 dB SW Sweep	set	12.50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 ● 15a Avg -34.93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm	32.50 dBm Offs 20 dB SW Sweep	set	12:50 dB • RBW 1 -9.1 ms) • VBW 3	00 kHz 00 kHz Mode /	Auto FFT	Ł		M1[1]	Count 100/100  15a Avg -34,93 dBn
Ref Level 3           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	32.50 dBm Offs 20 dB SW Sweep	set	<pre>-9.1 ms) • VBW 3</pre>	00 kHz 00 kHz Mode /	Auto FFT			M1[1]	Count 100/100 • 15a Avg -34.93 dBn 1.75500000 GH

			LIL		·5MHz-16G	·			
MultiView	Spectrum	(	50 dB • RBW 10						
Att	20 dB SWT	42.04 µs (~9.	1 ms) • VBW 30		Auto FFT				Count 100/100
1 Frequency 30 dBm	/ Sweep							M1[1]	1Sa Avg -34.86 dBr
									1.71000000 GH
20 dBm									
10 dBm									
0 dBm									
10.10									
-10 dBm	H1 -13.000 dBm-				- /				
-20 dBm									
-30 dBm									
			L		MI				
-40 dBm									
-50 dBm									
60 d2									
-60 dBm									
CF 1.71 GHz	:		1001 pt	s	20	) 0.0 kHz/			Span 2.0 MH
							Measuring	4	14.02.2017 09:49:26
MultiView	B Spectrum		C	Channel L	ow-Full RE	3#			▽
Δtt	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3#			▽
Ref Level 3 Att 1 Frequency	32.50 dBm Offse	et 12.		00 kHz		3#			Count 100/100 ● 1Sa Avg
Ref Level 3	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3#		M1[1]	Count 100/100
Ref Level 3 Att 1 Frequency 30 dBm	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3#		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3 Att 1 Frequency	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		#		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3 Att 1 Frequency 30 dBm	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3#		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3#		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3 Att 1 Frequency 30 dBm- 20 dBm-	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		#		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm	32.50 dBm Offse	et 12.	50 dB • RBW 10	00 kHz		3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz		3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz		3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz		ж 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz Mode		3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz Mode	Auto FFT	ж 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz Mode	Auto FFT	ж 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz Mode	Auto FFT	3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz Mode	Auto FFT	3# 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm	32.50 dBm Offse 20 dB SWT /Sweep	et 12.	50 dB • RBW 10	00 kHz Mode	Auto FFT	ж 		M1[1]	Count 100/100 ● 1Sa Avg -36.54 dBr
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	32:50 dBm Offse 20 dB SWT /Sweep H1 -13.000 dBm	et 12.	50 dB • RBW 11 1 ms) • VBW 30	00 kHz 10 kHz Mode	Auto FFT			M1[1]	Count 100/100         • 15a Avg         -36,54 dBr         1.75500000 GH
Ref Level 3           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	32:50 dBm Offse 20 dB SWT /Sweep H1 -13.000 dBm	et 12.	50 dB • RBW 10	00 kHz 10 kHz Mode	Auto FFT	3#	Meosuring	M1[1]	Count 100/100 • 15a Avg -36.54 dBr 1.75500000 GH

MultiView	Spectrum .50 dBm Offse	(	.50 dB = RBW 1	00.111-					
Att	20 dB SWT	42.04 µs (~9	.50 dB = RBW 1 .1 ms) = VBW 3	00 kHz Mode	Auto FFT			(	Count 100/100
1 Frequency S 30 dBm	weep							M1[1]	1Sa Avg -42.75 dBm
00 0011								1	.71000000 GHz
20 dBm									
10 dBm									
0 dBm									
-10 dBm							<u> </u>		
	H1 -13.000 dBm-								
-20 dBm						/			<u>\</u>
-30 dBm									
						-			
-40 dBm					M1				
					T				
-50 dBm			+						
-60 dBm									+
CF 1.71 GHz			1001 pt	S	20	0.0 kHz/		·	Span 2.0 MHz
	Spectrum				Low-1RB‡	ŧ	Measuring	<b>()</b>	14.02.2017 09:57:15
Ref Level 32	.50 dBm Offse	et 12	.50 dB ● <b>RBW</b> 1 1 ms) ● <b>VBW</b> 3	00 kHz		£	Measuring		09:57:15
Ref Level 32 Att 1 Frequency S	.50 dBm Offse 20 dB SWT	et 12	.50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz		£	Measuring,		09:57:15
Ref Level 32 Att	.50 dBm Offse 20 dB SWT	et 12	.50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz		£	Measuring	M1[1]	09:57:15
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz		2	Measuring	M1[1]	09:57:15 Count 100/100 ■15a Avg -44.54 dBm
Ref Level 32 Att 1 Frequency S	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz		£	Measuring	M1[1]	09:57:15 Count 100/100
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offse 20 dB SWT	et 12	.50 dB • RBW 1 1 ms) • VBW 3	00 kHz		E	Measuring	M1[1]	09:57:15 Count 100/100
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32 Att I Frequency S 30 dBm	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32         Att           I Frequency S         30 dBm           20 dBm	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	.50 dBm Offse 20 dB SWT	et 12	50 dB ● RBW 1 1 ms) ● VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz			Measuring	M1[1]	09:57:15 Count 100/100
Ref Level 32         Att           I Frequency S         30 dBm           20 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz			Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz 00 kHz Mode	Auto FFT		Measuring	M1[1]	09:57:15
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz 00 kHz Mode			Measuring	M1[1]	09:57:15
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz 00 kHz Mode	Auto FFT		Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -40 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz 00 kHz Mode	Auto FFT		Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -40 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz 00 kHz Mode	Auto FFT		Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm	.50 dBm Offse 20 dB SWT weep	et 12	1 ms) • VBW 3	00 kHz 00 kHz Mode	Auto FFT		Measuring	M1[1]	09:57:15
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm	.50 dBm Offse 20 dB SWT weep	et 12	50 dB • RBW 1 1 ms) • VBW 3	00 kHz 00 kHz Mode	Auto FFT	E		M1[1]	09:57:15

MultiView	😁 Spectrum	)							
	2.50 dBm Offse		50 dB = RBW 1	00 kHz					
Att	20 dB SWT			00 kHz Mode /	Auto FFT			(	Count 100/100
1 Frequency S 30 dBm	sweep							M1[1]	1Sa Avg -40.14 dBn
30 UBIII								1	.71000000 GH
20 dBm									
10 dBm									
0 dBm									
								<u> </u>	
-10 dBm									
10 00.00	H1 -13.000 dBm-						-/		
							1		
-20 dBm							/		
						/			
-30 dBm						/			
-40 dBm		L		M					
-50 dBm									
-60 dBm									
-00 0011									
CF 1.71 GHz			1001 pt		20	0.0 kHz/			Span 2.0 MHz
CI 1.71 CH2	Υ		1001 pt	.3	20	56.6 KH27	Moncuring		14.02.2017
							J		09:57:31
MultiView	🖽 Spectrum		C	Channel Lo	w-Full RE	3#			
Ref Level 32	2.50 dBm Offse	t 12.5	50 dB • RBW 1	00 kHz		3#			
	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1			3#			Count 100/100 1Sa Avg
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41.70 dBn
Ref Level 32 Att Frequency 5	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41.70 dBn
Ref Level 32 Att Frequency 5	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 32 Att 1 Frequency 3 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 3;           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 32 Att 1 Frequency 3 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 3:           Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 3;           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 3:           Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41.70 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg
Ref Level 3:           • Att           1 Frequency 3:           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41.70 dBn
Ref Level 3:           • Att           1 Frequency 3:           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41.70 dBn
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 32           • Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 32           • Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 32           • Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100
Ref Level 32           • Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Swccp H1 -13.000 dBm	t 12.5	50 dB • RBW 11 ms) • VBW 3	00 kHz 00 kHz Mode A				M1[1]	Count 100/100
Ref Level 32           • Att           1 Frequency 4           30 dBm           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Swccp H1 -13.000 dBm	t 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode A		3#		M1[1]	Count 100/100 • 1\$3 Avg -41.70 dBn .75500000 GH
Ref Level 32           • Att           1 Frequency 1           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Swccp H1 -13.000 dBm	t 12.5	50 dB • RBW 11 ms) • VBW 3	00 kHz 00 kHz Mode A			Measuring	M1[1]	Count 100/100

MultiView	🗄 Spectrum	<u> </u>							$\bigtriangledown$
	.50 dBm Offse	(	50 dB 🖷 RBW 1	201.44-					Ľ
Att	20 dB SWT	42.04 µs (~9.1	1 ms) <b>- VBW</b> 3	00 kHz Mode /	Auto FFT				Count 100/100
1 Frequency S 30 dBm	Sweep							M1[1]	1Sa Avg -45.81 dBn
30 0011								1	.71000000 GH
20 dBm									
20 0011									
10 dBm								+	
10 0800									
0 10									
0 dBm							1		
10 10 -							Y		
-10 dBm	H1 -13.000 dBm-						/		
						/			Ν
-20 dBm									
-30 dBm									
-40 dBm				N	1				
					-				
-50 dBm									
	$r \sim$	$\vdash$							
-60 dBm-								1	
CF 1.71 GHz			1001 pt			) 0.0 kHz/			Span 2.0 MHz
				Channel I	Low-1RB#	Ł	Measuring	••••••	09.30.41
MultiView					Low-1RB#	£	Measuring	•••••••	14.02.2017 09:56:41
Ref Level 32 Att	20 dB SWT		50 dB • RBW 1	00 kHz		£	Measuring		09:56:41
Ref Level 32 Att 1 Frequency S	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz		E	Measuring		09:56:41
Ref Level 32 Att	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz		£	Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S 30 dBm	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz		E	Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz		E	Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S 30 dBm- 20 dBm-	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz		E	Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S 30 dBm	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S 30 dBm- 20 dBm-	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	20 dB SWT	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz			Measuring	M1[1]	09:56:41
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode /	Auto FFT		Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode /			Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode /	Auto FFT		Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode /	Auto FFT		Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	.50 dBm Offse 20 dB SWT weep	et 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode /	Auto FFT		Measuring	M1[1]	09:56:41
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm		et 12.5	50 dB • RBW 1: 1 ms) • VBW 3:	00 kHz 00 kHz Mode /	Auto FFT		Measuring	M1[1]	09:56:41
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm		et 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode /	Auto FFT	t		M1[1]	09:56:41

Multiple	Section.			Band 4-1					
	B Spectrum								
RefLevel 3₂ ● Att	2.50 dBm Offse 20 dB SWT	t 12.5 42.04 us (~9.1	50 dB = RBW 1 (ms) = VBW 3	00 kHz 00 kHz Mode ∦	Auto FFT			c	Count 100/100
1 Frequency S									●1Sa Avg
30 dBm								M1[1]	-39.99 dBn .71000000 GH;
									1
20 dBm									
10 dBm									
0.40									
0 dBm									
-10 dBm	H1 -13.000 dBm								
	111 -13.000 dbm								
-20 dBm							/		
							X		
-30 dBm						/			
<u>-40 dBm</u>				M	1				
	+								
E0 d0m									
-50 dBm									
-60 dBm									
CF 1.71 GHz	1		1001 pt	S	20	00.0 kHz/			Span 2.0 MHz 14.02.2017
							Measuring		09:56:20
MultiView		(		Channel Lo	w-Full RE	3#			▽
Ref Level 32	2.50 dBm Offse	t 12.5	50 dB • RBW 1	00 kHz		3#			
	2.50 dBm Offse 20 dB SWT	(	50 dB • RBW 1	00 kHz		3#			Count 100/100 1Sa Avg
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32 Att 1 Frequency S	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32 Att 1 Frequency S	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32 Att 1 Frequency S 30 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32 Att 1 Frequency S 30 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
RefLevel 32 Att 1 Frequency S 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32 Att 1 Frequency \$ 30 dBm- 20 dBm- 10 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
RefLevel 32 Att 1 Frequency S 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency \$           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32 Att 1 Frequency \$ 30 dBm- 20 dBm- 10 dBm-	2.50 dBm Offse 20 dB SWT	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency \$           30 dBm           20 dBm           10 dBm           0 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3#		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	20 dBm Offse 20 dB SWT Sweep	t 12.5	50 dB • RBW 1	00 kHz		3# 		M1[1]	Count 100/100 1Sa Avg -41,81 dBn
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	H1 -13.000 dBm	t 12.5	50 dB • RBW 11 ms) • VBW 3	00 kHz 00 kHz Mode 4	Auto FFT			M1[1]	Count 100/100  Isa Avg -41.81 dBn .75500000 GH:
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	H1 -13.000 dBm	t 12.5	50 dB • RBW 1	00 kHz 00 kHz Mode 4	Auto FFT	3#		M1[1] 1	Count 100/100 • 15a Avg -41.81 dBn .75500000 GH:
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	H1 -13.000 dBm	t 12.5	50 dB • RBW 11 ms) • VBW 3	00 kHz 00 kHz Mode 4	Auto FFT		Measuring	M1[1] 1	Count 100/100  Isa Avg -41.81 dBn .75500000 GH:

MultiView	😁 Spectrum	1							$\bigtriangledown$
	2.50 dBm Offse		0 dB 🖷 RBW 30	)0 kHz					
Att	20 dB SWT	13.93 µs (~21	ms) <b>• VBW</b>	1 MHz Mode A	uto FFT			(	Count 100/100 ●1Sa Avg
1 Frequency	sweep							M1[1]	-49.46 dBr
50 ubin								1	.71000000 GH
20 dBm									
20 0011									
10 dBm									
10 0011									
0 dBm									
o abiii									
-10 dBm							X		
-10 0800	H1 -13.000 dBm					/			
-20 dBm									
-20 ubm									
-30 dBm									
-50 UDIII									
-40 dBm									
-wu ubiii									
50 d0m				N	1				
-50 dBm									
50. ID									
-60 dBm									
CF 1.71 GHz			1001 pt		20	)0.0 kHz/			Span 2.0 MHz
			1001 pt	.3	20	00.0 KHZ/			- opan z.o Min
MultiView	B Spectrum	·		Channel	Low-1RB#	5	Measuring	••••••	
	2.50 dBm Offse	et 12.5	50 dB ● RBW 30 ms) ● VBW	00 kHz		Ŀ	Measuring		14.02.2017 10:00:22
Ref Level 32 Att 1 Frequency	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB ● RBW 30 ms) ● VBW			E	Measuring		14.02.2017 10:00:22
Ref Level 32 Att 1 Frequency	2.50 dBm Offse 20 dB SWT	et 12.5	i0 dB ● RBW 30 ms) ● VBW	00 kHz		E	Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 33 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	0 dB ● RBW 30 ms) ● VBW	00 kHz		2	Measuring	M1[1]	14.02.2017 10:00:22
Ref Level 33 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	0 dB ● RBW 30 ms) ● VBW	00 kHz		<u>-</u>	Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3; Att I Frequency 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	0 dB ● RBW 30 ms) ● VBW	00 kHz		2	Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 33 Att 1 Frequency 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	0 dB ● RBW 30 ms) ● VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3;           Att           I Frequency:           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	i0 dB ● RBW 30 ms) ● VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3; Att I Frequency 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	i0 dB • RBW 30 ms) • VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:         Att           1 Frequency :         30 dBm           20 dBm         10 dBm           0 dBm         0 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	0 dB ● RBW 30 ms) ● VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3;           Att           I Frequency:           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB ● RBW 30 ms) ● VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB ● RBW 30 ms) ● VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           Att           I Frequency :           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           • Att           1 Frequency :           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           Att           I Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           • Att           I Frequency :           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	00 kHz			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           • Att           1 Frequency :           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	00 kHz			Measuring	M1[1]	14.02.2011 10:00:22 ▼ Count 100/100 ● 1Sa Avg -49.66 dBr
Ref Level 3:           Att           1 Frequency :           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	0 kHz 1 MHz Mode A			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           Att           1 Frequency 30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	0 kHz 1 MHz Mode A			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           • Att           I Frequency :           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	0 kHz 1 MHz Mode A			Measuring	M1[1]	14.02.2017 10:00:22 ▼ Count 100/100 ● 1\$3 Avg -49.66 dBr
Ref Level 3:           Att           I Frequency :           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	0 kHz 1 MHz Mode A			Measuring	M1[1]	14.02.2011 10:00:22 ▼ Count 100/100 ● 1Sa Avg -49.66 dBr
Ref Level 3:           Att           I Frequency :           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	ms) • VBW	0 kHz 1 MHz Mode A			Measuring	M1[1]	14.02.201: 10:00:22         ▼         Count 100/100         ● 15a Avg         -49.66 dBr         -75500000 GH
Ref Level 3:           • Att           I Frequency :           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	0 dB • RBW 30 ms) • VBW	0 kHz 1 MHz Mode A		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		M1[1]	14.02.2017 10:00:22

MultiView	B Spectrum								
	.50 dBm Offse		0 dB 🖷 RBW 30	00 kHz					
Att	20 dB SWT		ms) 🖷 VBW	1 MHz Mode A	uto FFT				Count 100/100
1 Frequency S 30 dBm	weep							M1[1]	1Sa Avg -36.53 dBr
30 000									1.71000000 GH
20 dBm									
10 dBm									
0 dBm								+	
-10 dBm								1	
	H1 -13.000 dBm								
-20 dBm									
20 40									
-30 dBm				M	1				
	+	<u> </u>		+"		+			
-40 dBm									
-50 dBm									
-60 dBm									
CF 1.71 GHz	N		1001 pt	ts	20	00.0 kHz/	<u></u>		Span 2.0 MH
							Measuring	. (	14.02.2012 09:59:29
MultiView				Channel Lo	ow-Full RE	8#			▽
	.50 dBm Offse	st 12.5	0 dB 🖷 RBW 30			3#			
Ref Level 32 Att 1 Frequency S	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	Count 100/100 ●1Sa Avg
RefLevel 32 Att	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att 1 Frequency S 30 dBm-	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100
Ref Level 32 Att 1 Frequency S	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att 1 Frequency S 30 dBm-	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att 1 Frequency S 30 dBm-	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att I Frequency S 30 dBm- 20 dBm-	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att I Frequency S 30 dBm- 20 dBm-	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att 1 Frequency S 30 dBm- 20 dBm- 10 dBm-	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32 Att 1 Frequency S 30 dBm- 20 dBm- 10 dBm-	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           n dBm	20 dB SWT	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           n dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A		3#		M1[1]	▼ Count 100/100  •1Sa Avg  -36.14 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A		3#		M1[1]	▼ Count 100/100 ● 1Sa Avg -36.14 dB
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A		3#		M1[1]	▼ Count 100/100 ● 1Sa Avg -36.14 dB
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	.50 dBm Offse 20 dB SWT weep	st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A		3#		M1[1]	▼ Count 100/100 ● 1Sa Avg -36.14 dB
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm		st 12.5	0 dB • RBW 30 ms) • VBW	D0 kHz 1 MHz Mode A	uto FFT			M1[1]	Count 100/100 • ISa Avg -36.14 dB 1.75500000 GH
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm		st 12.5	0 dB 🖷 RBW 30	D0 kHz 1 MHz Mode A	uto FFT	3#			Count 100/100 • 15a Avg -36.14 dB 1.75500000 GH
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm		st 12.5	0 dB • RBW 30 ms) • VBW	D0 kHz 1 MHz Mode A	uto FFT		) Measuring	M1[1]	Count 100/100 • 15a Avg -36.14 dB 1.75500000 GH

MultiView	🗄 Spectrun	n							
	2.50 dBm Offs	et 12.	50 dB 🖷 RBW 30	)0 kHz					
Att 1 Frequency S		΄ 13.93 μs (~2	1 ms) 🗢 VBW	1 MHz Mode A	Auto FFT				ount 100/100 1Sa Avg
30 dBm-	sweep							M1[1]	-50.55 dBn
								1	.71000000 GH:
20 dBm									
10 dBm									
10 dBm									
- I-									
0 dBm									
-10 dBm	H1 -13.000 dBm-						1		
-20 dBm									
-30 dBm						+/			
-40 dBm						/			
						1			
-50 dBm									
			+						
-60 dBm									
CF 1.71 GHz			1001 pt	:S	20	0.0 kHz/			Span 2.0 MHz
MultiView	Spectrun	n		Channel	Low-1RB#	ŧ	Measuring	•••••••••••••••••••••••••••••••••••••••	14.02.2017 10:00:06
Ref Level 32	2.50 dBm Offs	et 12.	50 dB ● RBW 30	00 kHz		£	Measuring		10:00:06
	2.50 dBm Offs 20 dB SWT	et 12.	50 dB ● <b>RBW</b> 30 1 ms) ● <b>VBW</b>	00 kHz		£	Measuring		10:00:06 Count 100/100 ● 1Sa Avg
Ref Level 32 Att	2.50 dBm Offs 20 dB SWT	et 12.	50 dB ● RBW 30 1 ms) ● VBW	00 kHz		£	Measuring	M1[1]	10:00:06
Ref Level 32 Att 1 Frequency S	2.50 dBm Offs 20 dB SWT	et 12.	50 dB ● RBW 30 1 ms) ● VBW	00 kHz		£	Measuring	M1[1]	10:00:06
Ref Level 32 Att 1 Frequency S	2.50 dBm Offs 20 dB SWT	et 12.	50 dB ● RBW 30 1 ms) ● VBW	00 kHz		£	Measuring	M1[1]	10:00:06
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz		£	Measuring	M1[1]	10:00:06
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz		£	Measuring	M1[1]	10:00:06
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offs 20 dB SWT	et 12.	50 dB = RBW 30 1 ms) = VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offs 20 dB SWT	et 12.	50 dB = RBW 30 1 ms) = VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	2.50 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32 Att I Frequency S 30 dBm 20 dBm 0 dBm	2.50 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32 Att I Frequency S 30 dBm 20 dBm 0 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	250 dBm Offs 20 dB SWT	et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz			Measuring	M1[1]	10:00:06
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm		et 12.	1 ms) • VBW	00 kHz 1 MHz Mode /	Auto FFT		Measuring	M1[1]	10:00:06 Count 100/100 ● 15a Avg -51.31 dBn .75500000 GH
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm		et 12.	50 dB • RBW 30 1 ms) • VBW	00 kHz 1 MHz Mode /	Auto FFT	200.0 kHz/		M1[1]	10:00:06

Multiview	8 Spectrum								
	2.50 dBm Offse		50 dB 🖷 RBW 30	IO kHz					
Att	20 dB SWT	13.93 µs (~2:	1 ms) • VBW	1 MHz Mode A	uto FFT				Count 100/100
1 Frequency S	Sweep							M1[1]	1Sa Avg -37.28 dBm
30 dBm								1	.71000000 GH
20 dBm			-						
10 dBm									
10 0.011									
0 dBm									
-10 dBm								[	
	H1 -13.000 dBm								
-20 dBm									
-20 0811									
							Í		
-30 dBm	+	1				+			+
				M	1				
-40 dBm									
-50 dBm									
-30 UDIII									
-60 dBm	+								+
CF 1.71 GHz			1001 pt	S	20	00.0 kHz/	1		Span 2.0 MHz
	T						Measuring	. 💶 🕬	14.02.2017 09:59:51
MultiView	Spectrum	,	C	Channel Lo	w-Full RE	3#			
Ref Level 32	2.50 dBm Offse	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#			
	2.50 dBm Offse 20 dB SWT	et 12.5		00 kHz		3#			Count 100/100 • 1Sa Avg
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency 9	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency 9	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 ISa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency \$ 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 ISa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency 3 30 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 ISa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency \$ 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 ISa Avg -37.72 dBn
Ref Level 32 Att 1 Frequency \$ 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 ISa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           0.dBm	2.50 dBm Offse 20 dB SWT	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 9           30 dBm           20 dBm           10 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz		3# 		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           0.dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 ISa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz		3# 		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 9           30 dBm           20 dBm           10 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 5           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           • Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.5	50 dB 🖷 RBW 30	00 kHz 1 MHz Mode A		3#		M1[1]	Count 100/100 • 1Sa Avg -37.72 dBn
Ref Level 32           • Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT sweep	et 12.5	50 dB 🖷 RBW 30	0 kHz 1 MHz Mode A	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg - 37.72 dBn75500000 GH:
Ref Level 32           Att           1 Frequency 3           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT sweep	et 12.5	50 dB • RBW 30 1 ms) • VBW	0 kHz 1 MHz Mode A	uto FFT		Measuring.	M1[1] 1	Count 100/100 • 153 Avg -37.72 dBn .75500000 GH;

MultiView	🗄 Spectrum	, ) .							$\bigtriangledown$
	2.50 dBm Offse		50 dB 🖷 RBW 3	:00 kHz					
Att	20 dB SWT			1 MHz Mode A	uto FFT				Count 100/100 ●1Sa Avg
1 Frequency S 30 dBm	oweep							M1[1]	-51.66 dBn
00 0011									1.71000000 GH:
20 dBm									
20 0811									
10 dBm									
0 dBm									
-10 dBm									
	H1 -13.000 dBm							{	
-20 dBm							/		
-30 dBm				-			<u>├</u> _/		
-40 dBm									
							$\vee$		
-50 dBm					11		1		
						]			
60 dp	<u> </u>		T						
-60 dBm									
CF 1.71 GHz			1001 p		20	0.0 kHz/			Span 2.0 MHz
			1001 p		20	5010 KHZ7			
MultiView	) [ B) Spectrum	, J		Channel	Low-1RB#	ŧ	Measuring	••••••	10:04:50
	2.50 dBm Offse	et 12.	50 dB ● <b>RBW</b> 3 1 ms) ● <b>VBW</b>			ŧ	Measuring		10:04:50
Ref Level 32 Att 1 Frequency S	2.50 dBm Offse 20 dB SWT	et 12.	50 dB ● RBW 3 1 ms) ● VBW	:00 kHz		ŧ	Measuring		10:04:50
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	et 12.	50 dB ● RBW 3 1 ms) ● VBW	:00 kHz		¢	Measuring	M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB ● RBW 3 1 ms) ● VBW	:00 kHz		¢	Measuring	M1[1]	10:04:50
Ref Level 32 Att 1 Frequency S	2.50 dBm Offse 20 dB SWT	et 12.	50 dB ● RBW 3 1 ms) ● VBW	:00 kHz		¢	Measuring	M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB ● RBW 3 1 ms) ● VBW	:00 kHz		<i>t</i>	Measuring	M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz		¢	Measuring	M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz		¢	Measuring	M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz		¢		M1[1]	10:04:50
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32 Att 1 Frequency S 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32 Att I Frequency S 30 dBm 20 dBm 10 dBm 0 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           • Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	et 12.	50 dB • RBW 3 1 ms) • VBW	:00 kHz				M1[1]	10:04:50
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	H1 -13.000 dBm	et 12.	1 ms) • VBW	00 kHz 1 MHz Mode A				M1[1]	10:04:50 ▼ Count 100/100 ● 153 Avg -52,11 dBr -52,11 dBr
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	H1 -13.000 dBm	et 12.	50 dB • RBW 3 1 ms) • VBW	00 kHz 1 MHz Mode A		¢		M1[1]	10:04:50 ▼ Count 100/100 ● 159 Avg -52,11 dBrd -52,11 dBrd -55,00000 GH

	<b></b>		LT						
	🗃 Spectrum								▽
Ref Level 32 Att	2.50 dBm Offse	t 12.	.50 dB • RBW 3	00 kHz 1 MHz <b>Mode</b> A	uto FET				Count 100/100
1 Frequency S		10.00 µ3 (**2		i mode A					●1Sa Avg
30 dBm								M1[1]	-37.75 dBr 1.71000000 GH
20 dBm									
10 dBm									
0 dBm									
-10 dBm	H1 -13.000 dBm-								
	112 10:000 00:00								
-20 dBm									
-30 dBm									
			<u> </u>	M	1		$\vdash$		
-40 dBm									
-50 dBm									
-60 dBm									
CF 1.71 GHz				l ts	20	0.0 kHz/			Span 2.0 MHz
	Y						Measuring		
MultiView		(	(	Channel Lo	w-Full RB	3#			▼
	2.50 dBm Offse	t 12.	.50 dB • RBW 31			3#			
Ref Level 32 Att 1 Frequency S	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3#			Count 100/100 ●1Sa Avg
Ref Level 32 Att	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3#			▼ Count 100/100
Ref Level 32 Att 1 Frequency S 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3#			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32 Att 1 Frequency S	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		#			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32 Att I Frequency S 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		#			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32 Att 1 Frequency S 30 dBm	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3# 			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32 Att I Frequency S 30 dBm- 20 dBm-	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3# 			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           IFrequency S           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3# 			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           IFrequency S           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3# 			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           I Frequency 3           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	t 12.	.50 dB • RBW 31	D0 kHz		3# 			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           I Frequency 3           30 dBm           20 dBm           10 dBm           0 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz		#			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz		#			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           I Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz		¥			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz		¥			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz 1 MHz Mode A		¥			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz 1 MHz Mode A		<pre>#</pre>			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz 1 MHz Mode A		<pre>#</pre>			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz 1 MHz Mode A		<pre>#</pre>			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	20 dB Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz 1 MHz Mode A		<pre>#</pre>			▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -60 dBm	250 dBm Offse 20 dB SWT Sweep	t 12.	50 dB • RBW 34 1 ms) • VBW	D0 kHz 1 MHz Mode A	uto FFT				▼ Count 100/100 ● 1Sa Avg -38,29 dBr
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm	250 dBm Offse 20 dB SWT Sweep	t 12.	.50 dB • RBW 31	D0 kHz 1 MHz Mode A	uto FFT	3#		M1[1]	Count 100/100 • 15a Avg -38.29 dBr 1.75500000 GH
Ref Level 32           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -60 dBm	250 dBm Offse 20 dB SWT Sweep	t 12.	50 dB • RBW 34 1 ms) • VBW	D0 kHz 1 MHz Mode A	uto FFT				Count 100/100  153 Avg -38.29 dBr 1.75500000 GH

MultiView	🖽 Spectrum	1							
	2.50 dBm Offse	et 12	.50 dB 🖷 RBW 3						
Att	20 dB SWT			1 MHz Mode A	uto FFT				ount 100/100 1Sa Avg
1 Frequency 30 dBm	эмеер							M1[1]	-52.88 dBn
00 000								1 1	.71000000 GH
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
	H1 -13.000 dBm								
-20 dBm								1	
-20 0611									
-30 dBm									1
-40 dBm							+ /		
-50 dBm				iv	<u> </u>		[		
-60 dBm	+								
00 0011									
CF 1.71 GHz			1001 g	ote	20	0.0 kHz/			Span 2.0 MHz
01 117 1 0112	)(		1001	515	20	501011127	Moncuring	••••••	14.02.2017
	Sportrum			Channel I	_ow-1RB‡	ŧ			
MultiView			50 dB ● BRW 3		_ow-1RB‡	ŧ			▼
Ref Level 3: Att	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 21 ms) ● VBW			ŧ			▼ Count 100/100
Ref Level 3: Att 1 Frequency	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz		ŧ			⊽ Count 100/100 ● 1Sa Avg
Ref Level 3: Att 1 Frequency	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz		£		M1[1]	▼ Count 100/100
Ref Level 33 Att 1 Frequency 30 dBm-	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz		t		M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3: Att 1 Frequency	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz		<i>t</i>		M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 33 Att 1 Frequency 30 dBm-	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 33 Att 1 Frequency 30 dBm-	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3: Att 1 Frequency 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3: Att 1 Frequency 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3: Att 1 Frequency 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3: Att I Frequency 30 dBm 20 dBm 10 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT	st 12	.50 dB ● RBW 3 11 ms) ● VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB ● RBW 3	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB ● RBW 3	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3	300 kHz				M1[1]	Count 100/100 ● 1\$3 Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3	300 kHz				M1[1]	Count 100/100 ● 1\$3 Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3	300 kHz				M1[1]	Count 100/100 ● 1\$3 Avg -53.08 dBn
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3	300 kHz				M1[1]	Count 100/100 ● 1\$3 Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3 21 ms) • VBW	300 kHz				M1[1]	Count 100/100 ● 1\$3 Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	.50 dB • RBW 3 21 ms) • VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	50 dB • RBW 3 1 ms) • VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	50 dB • RBW 3 1 ms) • VBW	300 kHz				M1[1]	Count 100/100 ● 1Sa Avg -53.08 dBn
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	50 dB • RBW 3 11 ms) • VBW	300 kHz 1 MHz Mode A		t		M1[1]	Count 100/100 • 15a Avg -53.08 dBn .75500000 GH
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	st 12	VBW	300 kHz 1 MHz Mode A				M1[1]	Count 100/100 153 Avg -53.08 dBn 1.75500000 GH:

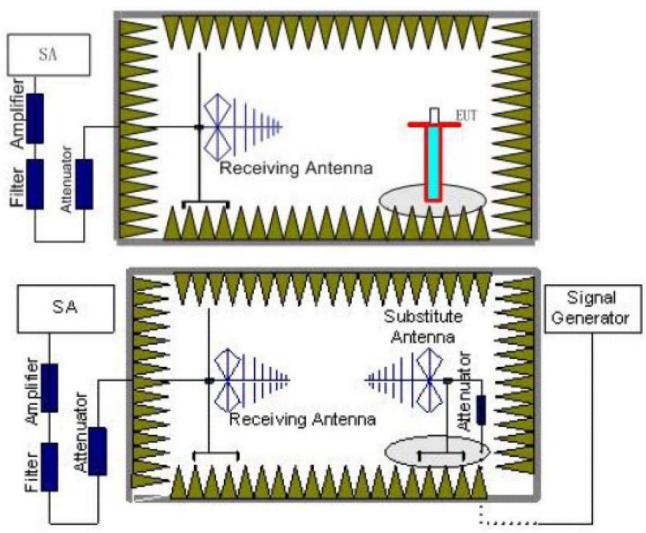
MultiView	🗄 Spectrum								
	2.50 dBm Offse		2.50 dB • RBW 3	00 kHz					
Att	20 dB SWT	13.93 µs (~2	21 ms) 🖷 VBW	1 MHz Mode A	uto FFT				Count 100/100
1 Frequency 30 dBm	Sweep							M1[1]	1Sa Avg -37.91 dBr
30 dBm									1.71000000 GH
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
	H1 -13.000 dBm								
-20 dBm									
-30 dBm									
-50 UDIII							/	1	
	<u> </u>			M.	1		+		
-40 dBm			-				1		
-50 dBm									
-60 dBm									
CF 1.71 GHz					20	0.0 kHz/			Span 2.0 MH:
	)r							•••••••	
			(	Channel Lo	w-Full RB	#			
MultiView					w-Full RB	#			
Ref Level 32	2.50 dBm Offse	t 12	2.50 dB • RBW 3	00 kHz		#			
Ref Level 32 Att 1 Frequency :	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3			#			Count 100/100
Ref Level 33 Att	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 32 Att 1 Frequency :	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100
Ref Level 32 Att 1 Frequency :	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 33 Att 1 Frequency 30 30 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3: Att 1 Frequency 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 33 Att 1 Frequency 30 30 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3;           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3: Att 1 Frequency 30 dBm 20 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm	2.50 dBm Offse 20 dB SWT	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           • Att           1 Frequency :           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           Att           1 Frequency           30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3;           Att           1 Frequency 30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3;           Att           1 Frequency 30 dBm           20 dBm           10 dBm           0 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3;           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           • Att           1 Frequency 30 dBm           20 dBm           10 dBm           0 dBm           -20 dBm           -30 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3;           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           Att           1 Frequency 3:           20 dBm           20 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           • Att           1 Frequency 30 dBm           20 dBm           10 dBm           0 dBm           -20 dBm           -30 dBm           -30 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A		#		M1[1]	Count 100/100 1Sa Avg -38.68 dBr
Ref Level 3:           • Att           1 Frequency 3:           20 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3 21 ms) • VBW	00 kHz 1 MHz Mode A	Jto FFT			M1[1]	Count 100/100
Ref Level 3:           Att           1 Frequency 3:           20 dBm           20 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -50 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3	00 kHz 1 MHz Mode A	Jto FFT	0.0 kHz/		M1[1]	Count 100/100
Ref Level 3:           • Att           1 Frequency           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm	2.50 dBm Offse 20 dB SWT Sweep	t 12	2.50 dB • RBW 3 21 ms) • VBW	00 kHz 1 MHz Mode A	Jto FFT		Measuring	M1[1]	Count 100/100

## 5.5. ERP AND EIRP

LIMIT

LTE Band 4:EIRP<1W

**TEST CONFIGURATION** 



## TEST PROCEDURE

- EUT was placed on a 0.8 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna shall be moved from 1m to 4m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.
- 2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- 3. The EUT is then put into continuously transmitting mode at its maximum power level during the test.Set Test Receiver or Spectrum RBW=1MHz,VBW=3MHz for above 1GHz and RBW=100kHz,VBW=300kHz for 30MHz to 1GHz,, And the maximum value of the receiver should be recorded as (Pr).
- 4. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest isconnected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver

reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

- 5. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (PcI) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
- The measurement results are obtained as described below: Power(EIRP)=PMea- PAg - Pcl + Ga We used SMF100A micowave signal generator which signal level can up to 33dBm,so we not used power Amplifier for substituation test; The measurement results are amend as described below: Power(EIRP)=PMea- Pcl + Ga
- This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
   ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

#### TEST MODE:

Please refer to the clause 3.3

#### TEST RESULTS

	LTE Band 4-1.4MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dDm)	Deput				
wodulation	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	18.74	17.52						
QPSK	Mid	18.63	17.25		PASS				
	High	18.88	17.16						
	Low	19.34	17.36	30.00					
16QAM	Mid	19.29	17.40	]	PASS				
	High	18.67	17.31	]					

	LTE Band 4-3MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dRm)	Result				
Wouldtion	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	18.52	17.08	- 30.00					
QPSK	Mid	18.25	17.15		PASS				
	High	18.64	17.36						
	Low	19.18	17.22						
16QAM	Mid	19.23	17.40		PASS				
	High	18.77	17.39						

	LTE Band 4-5MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dBm)	Result				
Modulation	Channel	Vertical	Horizontal		Result				
	Low	17.25	16.47						
QPSK	Mid	17.38	16.88	-	PASS				
	High	17.36	16.52						
	Low	17.86	16.60	- 30.00 - PA					
16QAM	Mid	16.77	16.77		PASS				
	High	17.85	16.63						

LTE Band 4-10MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Result			
wouldtion	Channel	Vertical	Horizontal	Limit (dBm)	Result			
	Low	17.43	16.43					
QPSK	Mid	17.52	16.52		PASS			
	High	17.66	16.84	30.00				
	Low	17.44	16.45	30.00				
16QAM	Mid	17.50	16.50		PASS			
	High	17.52	16.82					

	LTE Band 4-15MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dPm)	Result				
wouldtion	Channel	Vertical	Horizontal	Limit (dBm)	Result				
	Low	17.32	16.43	-					
QPSK	Mid	17.52	16.85		PASS				
	High	17.68	16.36						
	Low	16.66	16.43	30.00 —					
16QAM	Mid	17.52	16.85		PASS				
	High	17.51	16.36						

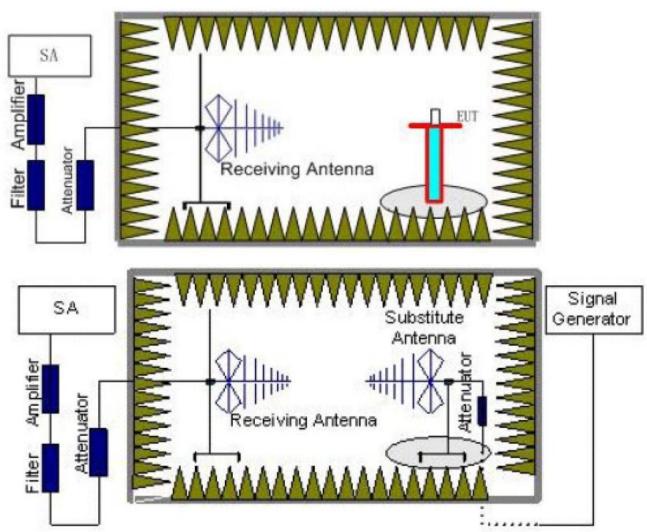
	LTE Band 4-20MHz								
Modulation	Channel	EIRP	(dBm)	Limit (dBm)	Result				
wouldton	Channel	Vertical	Horizontal	Limit (dBin)	Result				
	Low	17.33	16.58	-					
QPSK	Mid	17.25	16.86		PASS				
	High	17.46	16.43	20.00					
	Low	16.72	16.45	30.00					
16QAM	Mid	16.34	16.63	]	PASS				
	High	18.33	16.62						

## 5.6. Radiated Spurious Emssion

LIMIT

LTE Band 4:<-13dBm

**TEST CONFIGURATION** 



#### **TEST RESULTS**

- EUT was placed on a 0.8 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna shall be moved from 1m to 4m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.
- 2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- 3. The EUT is then put into continuously transmitting mode at its maximum power level during the test.Set Test Receiver or Spectrum RBW=1MHz,VBW=3MHz for above 1GHz and RBW=100kHz,VBW=300kHz for 30MHz to 1GHz, And the maximum value of the receiver should be recorded as (Pr).
- 4. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest isconnected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver

reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

- 5. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (PcI) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
- The measurement results are obtained as described below: Power(EIRP)=PMea- PAg - Pcl + Ga We used SMF100A micowave signal generator which signal level can up to 33dBm,so we not used power Amplifier for substituation test; The measurement results are amend as described below: Power(EIRP)=PMea- Pcl + Ga
- This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
   ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

#### TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

	LTE Band 4-1.4MHz							
Channel	Frequency	Spurious	Emission	Lineit (dDne)				
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result			
	3421.4	Vertical	-40.52					
	5132.1	V	-43.65	-13.00	Pass			
Low	6842.8	V						
LOW	3421.4	Horizontal	-44.38					
	5132.1	Н	-46.52	-13.00	Pass			
	6842.8	Н						
	3465	Vertical	-40.36		Pass			
	5197.5	V	-43.80	-13.00				
Mid	6930	V						
IVIIG	3465	Horizontal	-44.58					
	5197.5	Н	-46.68	-13.00	Pass			
	6930	Н						
	3508.6	Vertical	-40.10					
	5262.9	V	-43.55	-13.00	Pass			
High	7017.2	V						
High	3508.6	Horizontal	-44.62					
	5262.9	Н	-46.72	-13.00	Pass			
	7017.2	Н		]				

Remark :

1. Remark"---- " means that the emission level is too low to be measured

2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

LTE Band 4-3MHz								
Channel	Frequency	Spurious	Emission	Lincit (dDno)	Decult			
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result			
	3423	Vertical	-39.82					
	5134.5	V	-43.82	-13.00	Pass			
Low	6846	V						
Low	3423	Horizontal	-44.75					
	5134.5	Н	-46.68	-13.00	Pass			
	6846	Н						
	3465	Vertical	-39.70					
	5197.5	V	-43.70	-13.00 Pass	Pass			
Mid	6930	V						
Mid	3465	Horizontal	-44.61		Pass			
	5197.5	Н	-46.78	-13.00				
	6930	Н						
	3507	Vertical	-39.88					
	5260.5	V	-43.53	-13.00	Pass			
High	7014	V						
High	3423	Horizontal	-44.69					
	5134.5	Н	-46.71	-13.00	Pass			
	6846	Н						

Remark :

1. Remark"---" means that the emission level is too low to be measured

2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

LTE Band 4-5MHz								
Channel	Frequency	Spurious	Emission	Linsit (dDins)	D K			
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result			
	3425	Vertical	-39.29					
	5137.5	V	-43.99	-13.00	Pass			
Low	6850	V						
Low	3425	Horizontal	-44.86					
	5137.5	Н	-46.88	-13.00	Pass			
	6850	Н						
	3465	Vertical	-39.16		Pass			
	5197.5	V	-43.87	-13.00				
Mid	6930	V	-					
IVIIG	3465	Horizontal	-44.73					
	5197.5	Н	-46.77	-13.00	Pass			
	6930	Н						
	3505	Vertical	-39.34					
	5257.5	V	-44.03	-13.00	Pass			
High	7010	V	-					
High	3505	Horizontal	-44.85					
	5257.5	Н	-46.89	-13.00	Pass			
	7010	Н						

Remark:

1. Remark"----" means that the emission level is too low to be measured

2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

	LTE Band 4-10MHz								
Channel	Frequency	Spurious	Emission	Limit (dDm)	Decili				
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result				
	3430	Vertical	-38.73						
	5145	V	-44.29	-13.00	Pass				
Low	6860	V							
Low	3430	Horizontal	-44.43						
	5145	Н	-46.53	-13.00	Pass				
	6860	Н							
	3465	Vertical	-38.95		Pass				
	5197.5	V	-44.50	-13.00					
Mid	6930	V							
IVIIC	3465	Horizontal	-44.22		Pass				
	5197.5	Н	-46.36	-13.00					
	6930	Н	-						
	3500	Vertical	-39.25						
	5250	V	-44.77	-13.00	Pass				
High	7000	V	-						
High	3500	Horizontal	-44.05						
	5250	Н	-46.21	-13.00	Pass				
	7000	Н							

Remark :

1. Remark"---" means that the emission level is too low to be measured

2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

	LTE Band 4-15MHz							
Channel	Frequency	Spurious	Emission	Limit (dDm)	Dec. II			
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result			
	3435	Vertical	-37.78					
	5152.5	V	-44.68	-13.00	Pass			
Low	6870	V						
LOW	3435	Horizontal	-44.45					
	5152.5	Н	-45.84	-13.00	Pass			
	6870	Н						
	3465	Vertical	-38.07		Pass			
	5197.5	V	-44.96	-13.00				
Mid	6930	V						
IVIIC	3465	Horizontal	-44.28		Pass			
	5197.5	Н	-45.71	-13.00				
	6930	Н						
	3490	Vertical	-38.30					
	5235	V	-45.16	-13.00	Pass			
High	6980	V						
High	3490	Horizontal	-44.23					
	5235	Н	-45.65	-13.00	Pass			
	6980	Н		1				

Remark :

1. Remark"---" means that the emission level is too low to be measured

2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

LTE Band 4-20MHz							
Channel	Frequency	Spurious	Emission	Lincit (dDno)	Decult		
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result		
	3440	Vertical	-36.52				
	5160	V	-45.60	-13.00	Pass		
Low	6880	V					
Low	3440	Horizontal	-43.81				
	5160	Н	-46.01	-13.00	Pass		
	6880	Н					
	3465	Vertical	-36.21		Pass		
	5197.5	V	-45.40	-13.00			
Mid	6930	V					
IVIIG	3465	Horizontal	-43.60		Pass		
	5197.5	Н	-46.18	-13.00			
	6930	Н					
	3490	Vertical	-36.50				
	5235	V	-46.27	-13.00	Pass		
Lliab	6980	V					
High	3490	Horizontal	-43.50				
	5235	Н	-45.71	-13.00	Pass		
	6980	Н					

Remark:

1. Remark"---" means that the emission level is too low to be measured

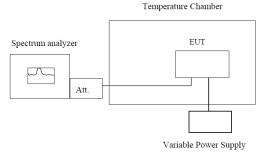
2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

## 5.7. Frequency stability V.S. Temperature measurement

LIMIT

2.5ppm

#### **TEST CONFIGURATION**



Note : Measurement setup for testing on Antenna connector

#### TEST PROCEDURE

- 1. The equipment under test was connected to an external DC power supply and input rated voltage.
- 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.
- 3. The EUT was placed inside the temperature chamber.
- Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25℃ operating frequency as reference frequency.
- 5. Turn EUT off and set the chamber temperature to −30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.
- 6. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached.

#### TEST MODE:

Please refer to the clause 3.3

#### **TEST RESULTS**

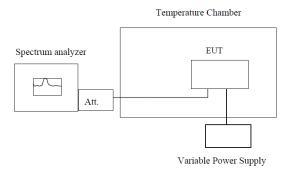
Reference Frequency: LTE Band 4 Middle channel=1732.5MHz,20MHz Bandwidth							
Power supplied (Vdc)	Temperature (℃)	Frequency error				Lineit	
		QPSK		16QAM		Limit (ppm)	Result
		Hz	ppm	Hz	ppm	(Phili)	
	-30	24	0.0139	23	0.0133	2.5	Pass
3.70	-20	20	0.0115	19	0.0110		
	-10	17	0.0098	20	0.0115		
	0	16	0.0092	18	0.0104		
	10	14	0.0081	16	0.0092		
	20	12	0.0069	15	0.0087		
	30	15	0.0087	13	0.0075		
	40	17	0.0098	12	0.0069		
	50	19	0.0110	17	0.0098		

## 5.8. Frequency stability V.S. Voltagemeasurement

LIMIT

2.5ppm

#### **TEST CONFIGURATION**



Note: Measurement setup for testing on Antenna connector

#### TEST PROCEDURE

- 1. Set chamber temperature to 25 °C. Use a variable DC power source topower the EUT and set the voltage to rated voltage.
- 2. Set the spectrum analyzer RBW lowenough to obtain the desired frequency resolution and recorded the frequency.
- 3. Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.

#### TEST MODE:

Please refer to the clause 3.3

#### **TEST RESULTS**

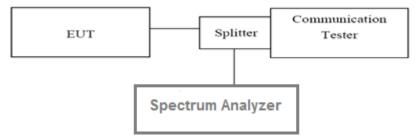
Reference Frequency: LTE Band 4 Middle channel=1732.5MHz,20MHz Bandwidth								
Temperature ( $^{\circ}$ C)	Power supplied (Vdc)	Frequency error				Lineit		
		QPSK		16QAM		Limit (ppm)	Result	
		Hz	ppm	Hz	ppm	(ppm)		
25	4.20	15	0.0087	18	0.0104			
	3.70	12	0.0069	14	0.0081	2.5	Pass	
	3.50	18	0.0104	15	0.0087			

## 5.9. Peak-Average Ratio

LIMIT

13dB

#### **TEST CONFIGURATION**



#### TEST PROCEDURE

According with KDB 971168

- 1. The signal analyzer's CCDF measurement profile is enabled
- 2. Frequency = carrier center frequency
- 3. Measurement BW > Emission bandwidth of signal
- 4. The signal analyzer was set to collect one million samples to generate the CCDF curve

5. The measurement interval was set depending on the type of signal analyzed. Forcontinuoussignals(>98% duty cycle), the measurement interval was set to 1ms. For bursttransmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that issynced with an incoming pulse and the measurement interval is set to less than the duration of the " on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

#### TEST MODE:

Please refer to the clause 3.3

#### **TEST RESULTS**

LTE Band 4-20MHz						
Modulation	QPSK		16QAM		Limit(dD)	Deput
Channel	1RB#	Full RB#	1RB#	Full RB#	Limit(dB)	Result
Low	3.72	5.58	4.64	6.42	13.00	Pass
Mid	4.64	5.60	5.34	6.32	13.00	Pass
High	3.70	5.28	4.70	6.06	13.00	Pass

## 6. Test Setup Photos of the EUT

Radiated emission:





# 7. External and Internal Photos of the EUT

Reference to the test report No.: TRE1702000701.

.....End of Report.....