

David		2	Deer		104
Band	n260 170GHz-2	-	Bear		184
Frequency Range			Char		High
Antenna polarity	Horizo	ntal	Test dis	stance	1m
EXT MIXER	CORREC	SENSE:INT	Aur Turn DMG	03:35:25 PM May 16, 20	19
Start Freq 170.00000000	PNO: Fast C Trig	: Free Run en: 20 dB	Avg Type: RMS Avg Hold:>100/100	TRACE 1 2 3 4 1 TYPE MWWW DET A N N N	
	IFGain:Low #Att	en. 20 db	М	kr1 187.28 GH	
10 dB/div Ref 10.00 dBm		Y		-51.177 dB	
0.00					Clear Write
0.00					
-10.0					
-20.0					Trace Average
-30.0					Max Hold
-40.0					
-50.0					
		al an	\$2.000 \$100 \$100 \$100 \$100 \$100 \$100 \$100		Min Hold
-60.0					
-70.0					View Blank Trace On
					Trace on
-80.0					More
Start 170.00 GHz				Stop 200.00 GH	1 053
#Res BW 1.0 MHz	#VBW 3.0 M	/Hz*	Sweep 3	7.07 ms (1001 pt	s)
MSG			STATUS		
Note: The test results alrea Band	n260 n260 n260		Corrections: Or Bear		184
	-	-			
Frequency Range	170GHz-2		Char		High
Antenna polarity	Vertic	a	Test dis	stance	1m
EXT MIXER Start Freq 170.00000000		SENSE:INT	Avg Type: RMS	03:37:06 PM May 16, 20 TRACE 1 2 3 4	19
PASS	PNO: Fast	: Free Run en: 20 dB	Avg Hold:>100/100		
			М	kr1 188.87 GH	Z 1 [*]
10 dB/div Ref 10.00 dBm		•		-51.548 dB	m
Trace 1 Pass					Clear Write
0.00					
-10.0					
-20.0					Trace Average
-30.0					Max Hold
-30.0					Max Hold
-40.0			∳ 1		Max Hold
-40.0			<u>¢</u> 1		Min Hold
-40.0			∳ ¹		Min Hold
-40.0 -50.0 -60.0 -70.0					Min Hold
-40.0 -50.0 -60.0			▲1		Min Hold
-40.0 -50.0 -60.0 -70.0 -80.0 Start 170.00 GHz				Stop 200.00 GF	Min Hold View Blank Trace On More 1 of 3
-40.0 -50.0 -60.0 -70.0 -80.0 Start 170.00 GHz #Res BW 1.0 MHz	#VBW 3.0 M	лHz*	Sweep 3	7.07 ms (1001 pt	Min Hold View Blank Trace On More 1 of 3
-40.0 -50.0 -60.0 -70.0 -80.0 Start 170.00 GHz			Sweep 3	7.07 ms (1001 pt	Min Hold View Blank Trace On More 1 of 3



Band	n260	Beam ID	58+184
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA	Tionzontai	Test distance	
EXT MIXER	CORREC SENSE:INT	04:21:42 PM May 1 Avg Type: RMS TRACE	6,2019
Start Freq 170.0000000	PNO: Fast IFGain:Low #Atten: 20 dB	Avg Hold:>100/100 TYPE MW	
	II GUINEON	Mkr1 190.28	
10 dB/div Ref 10.00 dBm		-51.560 c	IBM
Trace 1 Pass			Clear Write
0.00			
-10.0			
22.0			Trace Average
-20.0			
-30.0			
			Max Hold
-40.0		* 1	
-50.0	and the second		Min Hold
-60.0			
			May Blank
-70.0			View Blank Trace On
-60.0			
			More
Start 170.00 GHz		Stop 200.00	GHz 1 of 3
#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	
MSG		STATUS	
	ady include the correction facto		
Band	n260	Beam ID	58+184
Frequency Range			301104
	170GHz-200GHz	Channel	Low
Antenna polarity	170GHz-200GHz Vertical	Channel Test distance	
	Vertical		Low 1m
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.00000000	Vertical	Test distance	Low 1m
Antenna polarity	Vertical	Avg Type: RMS Avg Hold:>100/100 TYPE	Low 1m 6,2019 Trace/Detector Select Trace,
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.00000000 PASS 10 dB/div Ref 10.00 dBm	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance	Low 1m 6,2019 Trace/Detector Select Trace
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace
Antenna polarity Keysight Spectrum Analyzer - Swept SA CALL CONTRACT OF CONT	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.00000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace 1
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Trace 1 Pass	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace 1
Antenna polarity Antenna polarity Attended to the second descent of the second descent desce	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace 1 Bm Clear Write
Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Log Trace 1 Pass	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average
Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -30.0 -30.0	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace 1 Bm Clear Write
Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -20.0	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OFT Mkr1 190.82 (-51.421 ()	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average
Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -30.0 -30.0	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance 04:23:38 PM May 1 Avg Type: RMS Avg Hold:>100/100 TYPE MA DET AN Mkr1 190.82	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average
Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -40.0 -50.0 -40.0 -50.0 -40.0 -50.	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OFT Mkr1 190.82 (-51.421 ()	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm -000	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OFT Mkr1 190.82 (-51.421 ()	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold Min Hold
Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -40.0 -50.0 -40.0 -50.0 -40.0 -50.	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OFT Mkr1 190.82 (-51.421 ()	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold
Antenna polarity Keysight Spectrum Analyzer - Swept SA Keysight Spectrum Analyzer - Swept SA EXT HTreq 170.000000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -60.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OFT Mkr1 190.82 (-51.421 ()	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold Min Hold View Blank
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm -000 Trace 1 Pass 0.000	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OFT Mkr1 190.82 (-51.421 ()	Low 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold Min Hold View Blank Trace On More
Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm cog Trace 1 Pass 0.00	Vertical	Test distance	LOW 1m 6,2019 Trace/Detector Select Trace 1 Clear Write Trace Average Max Hold Wiew Blank, Trace On More 1 of 3
Antenna polarity 	Vertical CORREC SENSE:INT OO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	Test distance Avg Type: RMS AvglHold:>100/100 TRACE TYPE TYPE TYPE AvglHold:>100/100 Mkr1 190.82 -51.421 1	LOW 1m 6,2019 Trace/Detector Select Trace, 1 Clear Write Trace Average Max Hold Wiew Blank, Trace On More 1 of 3



Band		n260	Bear	m ID	58+184
Frequency Range	1700	GHz-200GHz	Cha	nnel	Mid
Antenna polarity	H	lorizontal	Test di	stance	1m
Keysight Spectrum Analyzer - Swept SA	CORREC	SENSE:INT		04:27:07 PM May 16, 2	019
art Freq 170.0000000	0 GHz PNO: Fast	Trig: Free Run	Avg Type: RMS Avg Hold:>100/100	TRACE 2 3 4 TYPE MWWW DET A N N N	5 Trace/Detector
ASS	IFGain:Low	#Atten: 20 dB	M	kr1 185.27 GI	Select Trace
dB/div Ref 10.00 dBm				-50.983 dB	m
Trace 1 Pass		Ĭ			
00					Clear Writ
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0.0					Trace Averag
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and and the second second second second second		- ward and a second and a second s	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Min Hol
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.0					View Blank Trace On
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					Mor
art 170.00 GHz Res BW 1.0 MHz				Stop 200.00 G	Hz 1 of
		0 0 0 0011-*		7 07 /4004	
	#VBV	/ 3.0 MHz*	Sweep 3	7.07 ms (1001 p	ts)
3			STATU	5	ts)
			STATU	s n).	ts) 58+184
a te: The test results alrea	ady include th	ne correction fact	statutor (corrections: O	n). m ID	
te: The test results alrea Band	ady include th	ne correction fact n260	tor (corrections: O Beau	n). m ID nnel	58+184
a te: The test results alrea Band Frequency Range	ady include th	ne correction fact n260 GHz-200GHz	tor (corrections: O Beau Cha	n). m ID nnel stance	58+184 Mid 1m
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freg 170.000000000	ady include th 1700 correc 10 GHz	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha	n). m ID nnel stance	58+184 Mid 1m
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA	ady include th	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance	58+184 Mid 1m Trace/Detector Select Trace
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS BE/div Ref 10.00 dBm	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance	58+184 Mid 1m Trace/Detector Select Trace
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS B/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS BE/div Ref 10.00 dBm	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS B/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MXER art Freq 170.000000000 ASS B/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical Trig: Free Run #Atten: 20 dB	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical Trig: Free Run #Atten: 20 dB	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol Min Hol
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical Trig: Free Run #Atten: 20 dB	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol Min Hol
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical Trig: Free Run #Atten: 20 dB	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol Min Hol
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass 00 00 00 00 00 00 00 00 00	ady include th 1700 CORREC	ne correction fact n260 GHz-200GHz Vertical Trig: Free Run #Atten: 20 dB	tor (corrections: O Beau Cha Test di Avg Type: RMS Avg Hold:>100/100	s n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 DET X NN N kr1 185.48 GF -51.788 dB	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol Win Hol View Blank Trace On
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include th	ne correction fact n260 GHz-200GHz Vertical Trig: Free Run #Atten: 20 dB	tor (corrections: O Bear Cha Test di Avg Type: RMS Avg Hold:>100/100	n). m ID nnel stance 04:29:33 PM May 16, 2 TRACE 12 3 4 TYPE 2 3 4	58+184 Mid 1m Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol Win Hol View Blank Trace On



Band	n260	Beam ID	58+184
Frequency Range	170GHz-200GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA			- # -
art Freq 170.0000000	CORREC SENSE:INT	04:34:22 PM May 1 Avg Type: RMS TRACE	3 4 5 6 I race/Detector
ASS	PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB	Avg Hold:>100/100 TYPE MW DET AN	NNNN Select Trace
		Mkr1 187.55	GHz 1
dB/div Ref 10.00 dBm	· · · · · · · · · · · · · · · · · · ·	-51.694 c	IBM
Trace 1 Pass			Clear Writ
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			Max Hol
0,0			
).0			Min Hol
Window Constraint Mathematica			
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0.0			View Blank Trace On
0.0			
			Mor
art 170.00 GHz		Stop 200.00	GHz 1 of
Res BW 1.0 MHz	#VBW 3.0 MHz*	0	nts)
		Sweep 37.07 ms (1001	pt5/
G		STATUS	910/
e: The test results alre	ady include the correction fact	status or (corrections: On).	1
G		STATUS	58+184
e: The test results alre	ady include the correction fact	status or (corrections: On).	1
te: The test results alrea Band	ady include the correction fact n260	or (corrections: On). Beam ID	58+184
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m
a te: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freg 170.00000000	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m
a te: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freg 170.00000000	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6,2019 Trace/Detector Select Trace
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6, 2019 34 5 0 NNNN Select Trace GHz
a te: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.00000000 ASS BI/div Ref 10.00 dBm	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6, 2019 Trace/Detector Select Trace GHz
a te: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER CASS GB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6,2019 Trace/Detector Select Trace 1 Bm
a te: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER CASS GB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6,2019 Trace/Detector Select Trace 1 Bm
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER CASS CASS CASS CASS CASS CASS CASS CAS	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6, 2019 34 5 0 Trace/Detector Select Trace 1 Brn Clear Writ
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS B/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6, 2019 34 5 o NNNN Select Trace 1 Bm Clear Writ
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER CASS CASS CASS CASS CASS CASS CASS CAS	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6, 2019 34 5 0 Trace/Detector Select Trace 1 Brn Clear Writ
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER art Freq 170.000000000 ASS dB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6,2019 Trace/Detector Select Trace 1 Clear Writ Trace Averag
te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Cart Freq 170.000000000 ASS Of B/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 170GHz-200GHz Vertical	or (corrections: On). Beam ID Channel Test distance	58+184 High 1m 6, 2019 Trace/Detector Select Trace GHz
a te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Cart Freq 170.000000000 ASS ASS ASS ASS ASS ASS	ady include the correction fact n260 170GHz-200GHz Vertical	istatus or (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE Det N Mkr1 187.04 -51.670 c	58+184 High 1m 6,2019 Trace/Detector Select Trace 1 Clear Writ Trace Averag
te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Cart Freq 170.000000000 ASS Od B/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 170GHz-200GHz Vertical CORREC SENSE:INT DO GHZ PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB	istatus or (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE Det N Mkr1 187.04 -51.670 c	58+184 High 1m 6,2019 Trace/Detector Select Trace 1 Clear Writ Trace Averag Max Hol
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Band	n260		Beam ID		189	
Frequency Range	50GHz-75	-	Channel		Low	
Antenna polarity	Horizon	tal	Test distan	ce	1m	
Swept SA	Input Z:50 Ω Atten:≥6 dB	PNO: Fast	Avg Type: Power (RMS)	1 2 3 4 5 6	Select Trace	· ※
Coupling: DC Align: Auto/No RF	Corrections: On Preamp: Off Freq Ref: Int (S) µW Path: Stand	Gate: Off dard IF Gain: Low	Avg Hold:>100/100 Trig: Free Run	M w w w w w	Trace 1	•
1 Spectrum	NFE: Adaptive	Sig Track: Off	Mkr1	A N N N N N 74.725 GHz	Trace Type	Trace Control
Scale/Div 10 dB	Ref Level 10.	00 dBm		-28.10 dBm	Clear / Write	Detector
Trace 1 Pass					Trace Average	Math
0.00					Max Hold	Trace
-10.0					Min Hold	Function Normalize
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- 40.0 prover have a manus and a second		Maryhoan Clar Mary and provide	neigh-respective-felowerships	polar March Markey Mark	View	
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-70.0					Table	
-80.0						
Start 50.00 GHz	#Video BW 3	.0 MHz*		Stop 75.00 GHz		Prototype
#Res BW 1.0 MHz	2019 PM Characterize Noise	First control		98 ms (1001 pts)		Limited Sale Allowed
Note: The test results alre						Allowed
Band	n260		Beam IE	1	189	
	50GHz-75		Channe			
Frequency Range					Low 1m	
Antenna polarity	Vertica		Test distar	ice	1m	
Swept SA	Input Z:50 Ω Atten: ≥6 dB	010 5-1	A		Trace	- ' 謚
Coupling: DC	Input Z: 50 Ω Atten: ≥ 6 dB Corrections: On Preamp: Off Freq Ref: Int (S) µW Path: Stan	PNO: Fast Gate: Off dard IF Gain: Low	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run	1 2 3 4 5 6 M w w w w w	Select Trace Trace 1	
DI PASS	NFE: Adaptive	Sig Track: Off		ANNNNN	Trace Type	Trace
1 Spectrum Scale/Div 10 dB	Ref Level 10	00 dBm	Mkr1	74.575 GHz -28.43 dBm	Clear / Write	Control
Log Trace 1 Pass				20.40 0011	Trace Average	Detector
0.00					Max Hold	Math
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-10.0					Min Hold	Function
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-40.0 in Mining and presentation when	and and a second second second second	attal washing and many drives the	how Interstation and a second state of the sec		View	
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-60.0					/ Trace Settings	
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-80.0						
Start 50.00 GHz #Res BW 1.0 MHz	#Video BW 3	3.0 MHz*	Swaar	Stop 75.00 GHz 198 ms (1001 pts)		Prototype Limited
	2010					Sale
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Band		n260	Beam ID		189	
Frequency Range		Hz-75GHz	Channel		Mid	
Antenna polarity		prizontal	Test distanc	٩	1m	
Spectrum Analyzer 1				0	Trace	1 212
		n:≥6dB PNO:Fast	Avg Type: Power (RMS)	1 2 3 4 5 6	Select Trace	100
Align: Auto/No RF F	Corrections: On Prea Freq Ref: Int (S) µW NFE: Adaptive	amp: Off Gate: Off Path: Standard IF Gain: Low Sig Track: Off	Avg Hold:>100/100 Trig: Free Run	M ** ** ** ** ** ** ** ** ** ** ** ** **	Trace 1	۲
ری PASS ۸ ۱ Spectrum ۲	inc. Adaptive	Sig Hack. Oil		4.450 GHz	Trace Type	Trace Control
Scale/Div 10 dB Log	Ref	Level 10.00 dBm		28.20 dBm	Clear / Write	Detector
Trace 1 Pass					Trace Average	Math
0.00					Max Hold	Trace
-10.0					Min Hold	Function
-20.0					Restart Max Hold	Normalize
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-30.0			anaphusalmaan waaraatii	and the state of the	Active	
-40.0 all the property the manufacture and the second second	how and the second of the seco	and the special of the second s	Min of London History and an and and a second second		View	
-50.0					Blank	
60 A					Background	
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-80.0						
Start 50.00 GHz #Res BW 1.0 MHz	#Vi	deo BW 3.0 MHz*		top 75.00 GHz ms (1001 pts)		Prototype Limited
毛ってこ? May 16, 2 11:20:47	019 💮 🚹 Character	rize Noise Floor required				Sale Allowed
lote: The test results alread		e correction factor (
Band		n260	Beam ID		189	
Frequency Range	50GI	Hz-75GHz	Channel		Mid	
Antenna polarity	\ \	/ertical	Test distanc	е	1m	
Spectrum Analyzer 1					Trace	- 22
Coupling: DC C		n:≥6dB PNO:Fast amp:Off Gate:Off	Avg Type: Power (RMS) Avg Hold:>100/100	1 2 3 4 5 6	Select Trace	
Alian Auto/No RF		Path: Standard IF Gain: Low				
		Sig Track: Off	Trig: Free Run	M ** ** ** ** A N N N N N	Trace Type	Trace
LV PASS N 1 Spectrum V	Freq Ref: Int (S) µW NFE: Adaptive	Sig Track: Off	Mkr1 7		Trace Type	Trace Control
	Freq Ref: Int (S) µW NFE: Adaptive	Cin Track Off	Mkr1 7	4.475 GHz	Trace Type	
1 Spectrum v Scale/Div 10 dB	Freq Ref: Int (S) µW NFE: Adaptive	Sig Track: Off	Mkr1 7	4.475 GHz	Trace Type Clear / Write	Control
I Spectrum Scale/Div 10 dB Log Trace 1 Pass 0.00	Freq Ref: Int (S) µW NFE: Adaptive	Sig Track: Off	Mkr1 7	4.475 GHz	Trace Type Clear / Write Trace Average	Control Detector
1 Spectrum Scale/Div 10 dB Cog Trace 1 Pass 0.00 -10.0	Freq Ref: Int (S) µW NFE: Adaptive	Sig Track: Off	Mkr1 7	4.475 GHz	Trace Type Clear / White Trace Average Max Hold Min Hold	Control Detector Math Trace
I Spectrum Scale/Div 10 dB Log Trace 1 Pass 0.00	Freq Ref: Int (S) µW NFE: Adaptive	Sig Track: Off	Mkr1 7	4.475 GHz	Trace Type Clear / Write Trace Average Max Hold	Control Detector Math Trace Function
1 Spectrum Scale/Div 10 dB Cog Trace 1 Pass 0.00 -10.0	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold	Control Detector Math Trace Function
LUY PASS N 1 Spectrum S Scale/Div 10 dB Log Trace 1 Pass 0.00 -10.0 -20.0	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank	Control Detector Math Trace Function
UV PASS N 1 Spectrum * Scale/Div 10 dB * Log Trace 1 Pass * * -10.0 * * * -20.0 * * * -40.0 * * * *	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active	Control Detector Math Trace Function
UV PASS N 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass -10.0	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View	Control Detector Math Trace Function
UV PASS N 1 Spectrum * Scale/Div 10 dB * Log Trace 1 Pass * * -10.0 * * * -20.0 * * * -40.0 * * * *	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Blank Background	Control Detector Math Trace Function
UV PASS N 1 Spectrum * Scale/Div 10 dB * Log Trace 1 Pass * * -0.00 - - * * -20.0 - - - * * -30.0 - - - - * * * -50.0 - - - - *	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / White Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background	Control Detector Math Trace Function
Log Trace 1 Pass -10.0	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Blank Background	Control Detector Math Trace Function
CV PASS 1 Spectrum * Scale/Div 10 dB * Log Trace 1 Pass -10.0 * -20.0 * -30.0 * -60.0 *	req Ref. Int (S) µW IFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Blank Background	Control Detector Math Trace Function
Log Trace 1 Pass -10.0	Image: Program (S) PW VFE: Adaptive Ref Image: Program (S) PW Image: PW PW Image: PW PW<	Sig Track: Off	Mkr1 7	A N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / White Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Control Detector Math Trace Function Normalize Prototype
CO PASS N 1 Spectrum • Scale/Div 10 dB • Log Trace 1 Pass • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • • •	req Ref. Int (S) PW PFE: Adaptive Ref	Sig Track: Off	Mkr1 7	A N N N N N N 4.475 GHz 27.16 dBm	Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Control Detector Math Trace Function Normalize



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Band	n260	Beam ID	189
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m
Swept SA	nput Z:50 Ω Atten: ≥6 dB PNO:Fast	Avg Type: Power (RMS) 1 2 3 4 5 (Select Trace
Coupling: DC C Align: Auto/No RF F	Corrections: On Preamp: Off Gate: Off Freq Ref. Int (S) µW Path: Standard IF Gain: Low	Avg Hold:>100/100 w Trig: Free Run M W W W W	Trace 1 🔹
1 Spectrum	NFE: Adaptive Sig Track: C	Mkr1 74.600 GH	Trace Type Trace Control
Scale/Div 10 dB	Ref Level 10.00 dBm	-28.06 dBn	Clear / Write Detector
Trace 1 Pass			Trace Average Math
0.00			Max Hold
-10.0			Min Hold Function Normalize
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	-	na star na star star star star to star	View
-40.0 p. 4 - hand before the second sec	All and a state of the second s		Blank
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-70.0			
-80.0			
Start 50.00 GHz	#Video BW 3.0 MHz*	Stop 75.00 GH	Prototype
#Res BW 1.0 MHz		Sweep ~198 ms (1001 pts	
May 16, 2 11:25:32			Allowed
Band	ady include the correction facto n260	Beam ID	189
Frequency Range	50GHz-75GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m
Spectrum Analyzer 1	Vertiour		
	nput Z:50 Ω Atten: ≥6 dB PNO:Fast Corrections:On Preamp:Off Gate:Off	Avg Type: Power (RMS)	
Align: Auto/No RF F	Corrections: On Preamp: Off Gate: Off Freq Ref: Int (S) µW Path: Standard IF Gain: Low NFE: Adaptive Sig Track: C		
1 Spectrum V		Mkr1 74.575 GH	Clear (Milita
Scale/Div 10 dB	Ref Level 10.00 dBm	-28.23 dBn	Detector
0.00			Math
			Min Hold Function
-10.0			Normalize
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40.0 petrolalappycy manufactures	marin and and a configuration of the second		View
			Blank
-50.0			Background
-60.0			Trace Settings
-70.0			Table
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Start 50.00 GHz	#Video BW 3.0 MHz*	Stop 75.00 GH	Prototype
	#1060 011 3.0 10112		
#Res BW 1.0 MHz		Sweep ~198 ms (1001 pts	



						-
Band		260	Beam ID		61+189	
Frequency Range		z-75GHz	Channel		Low	
Antenna polarity	Hor	izontal	Test distance	e	1m	
Spectrum Analyzer 1	Input Z: 50 Ω Atten:	≥6dB PNO:Fast			Trace	- 7 蒜
Coupling: DC	Corrections: On Pream		Avg Type: Power (RMS) AvglHold:>100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W	Select Trace Trace 1	•
1 Spectrum	NFE: Adaptive	Sig Track: Off		ANNNNN 74.400 GHz	Trace Type	Trace
Scale/Div 10 dB	Ref Le	evel 10.00 dBm		-27.34 dBm	Clear / Write	Control Detector
Trace 1 Pass		Ť			Trace Average	
0.00					Max Hold	Math Trace
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-40.0 He Marting by the sharman sharman ab	mbolomoussephanland	apphysichters and a second and a	non station of the state of the		Ciew	
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Start 50.00 GHz #Res BW 1.0 MHz	#Vide	o BW 3.0 MHz*		Stop 75.00 GHz 8 ms (1001 pts)		Prototype Limited
H つ C I ? May 16, 11:54:27	2019 🗩 🚹 Characterize	Noise Floor required				Sale Allowed
Note: The test results alre	eady include the	correction factor (corrections: On).			
Band	n	260	Beam ID		61+18	9
Frequency Range	50GH:	z-75GHz	Channel		Low	
Antenna polarity	Ve	rtical	Test distance	e	1m	
Spectrum Analyzer 1						
Swept SA	Innut 7: 50 O	NC dB DNO: East	Aug Tuga Dawar (DMC)		Trace	- ※
KEVSIGHT Input: RF2	Input Z: 50 Ω Atten: Corrections: On Pream Freq Ref. Int (S) μW Pa		Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run	123456 MWWWWW	Select Trace	· 💥
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF	Corrections: On Pream	p: Off Gate: Off	Avg Hold:>100/100 Trig: Free Run	MWWWWW	Select Trace Trace 1 Trace Type	Trace
KEYSIGHT Input: RF2 Coupling: DC Atign: Auto/No RF V PASS 1 Spectrum Scale/Div 10 dB	Corrections: On Pream Freq Ref: Int (S) μW Pa NFE: Adaptive	p: Off Gate: Off th: Standard IF Gain: Low	Avg Hold:>100/100 Trig: Free Run Mkr1	M ** ** ** **	Select Trace Trace 1 Trace Type	
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF D PASS 1 Spectrum	Corrections: On Pream Freq Ref: Int (S) μW Pa NFE: Adaptive	p: Off Gate: Off th: Standard IF Gain: Low Sig Track: Off	Avg Hold:>100/100 Trig: Free Run Mkr1	M W W W W W A N N N N N 74.600 GHz	Select Trace Trace 1 Trace Type	Trace Control Detector
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF V PASS 1 Spectrum V Scale(Div 10 dB	Corrections: On Pream Freq Ref: Int (S) μW Pa NFE: Adaptive	p: Off Gate: Off th: Standard IF Gain: Low Sig Track: Off	Avg Hold:>100/100 Trig: Free Run Mkr1	M W W W W W A N N N N N 74.600 GHz	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold	Trace Control Detector Math Trace
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB	Corrections: On Pream Freq Ref: Int (S) μW Pa NFE: Adaptive	p: Off Gate: Off th: Standard IF Gain: Low Sig Track: Off	Avg Hold:>100/100 Trig: Free Run Mkr1	M W W W W W A N N N N N 74.600 GHz	Select Trace Trace 1 Trace Type Clear / Write Trace Average	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB	Corrections: On Pream Freq Ref: Int (S) μW Pa NFE: Adaptive	p: Off Gate: Off th: Standard IF Gain: Low Sig Track: Off	Avg Hold:>100/100 Trig: Free Run Mkr1	M W W W W W A N N N N N 74.600 GHz	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold	Trace Control Detector Math Trace
KEYSIGHT Input: RF2 Coupling. DC Align: AutoNo RF I Spectrum I Spectrum Scale/Div 10 dB Log Trace 1 Pass 0.00 -20.0	Corrections: On Pream Freq Ref: Int (S) μW Pa NFE: Adaptive	p: Off Gate: Off th: Standard IF Gain: Low Sig Track: Off	Avg Hold>100/100 Trig: Free Run Mkr1 1	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling. DC Attrin. DC Attrin. DC Attrin. DC Scale/Div 10 dB Log Trace 1 Pass 0:00 -10.0 -20.0 -30.0	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	Avg Hold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling. DC Align: AutoNo RF I Spectrum I Spectrum Scale/Div 10 dB Log Trace 1 Pass 0.00 -20.0	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	Avg Hold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling. DC Atto: No RF VI PASS 1 Spectrum Image: Second State	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	Avg Hold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling: DC Align: AutoNo RF I Spectrum I Scale/Div 10 dB I Log Trace 1 Pass 0.00 I -10.0 I -20.0 I -30.0 I -40.0 I	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	Avg Hold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling. AutoNo RF I Spectrum I Scale/Div 10 dB I 0 00 I -10.0 I -20.0 I -30.0 I -60.0 I	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	Avg Hold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank	Trace Control Detector Math Trace Function
KEYSIGHT Imput: RF2 Coupling. DC Align: AutoNo RF I Spectrum I Scale/Div 10 dB I Log Trace 1 Pass 0:00 I -10:0 I -20:0 I -40:0 I -50:0 I	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	AvgHold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Blank Background	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling. AutoNo RF I Spectrum I Scale/Div 10 dB I 0 00 I -10.0 I -20.0 I -30.0 I -60.0 I	Corrections: On Pream Freq Ref. Int (S) µW Par NFE: Adaptive Ref Lo	p: Off Gate: Off IF Gain: Low Sig Track: Off	AvgHold>100/100 Trig: Free Run	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Blank Background	Trace Control Detector Math Trace Function
KEYSIGHT Input: RF2 Coupling: AutoNo RF I Spectrum I Scale/Div 10 dB I Log Trace 1 Pass 0.00 I -10.0 I -20.0 I -30.0 I -40.0 I -60.0 I -70.0 I -80.0 I	Corrections: On Pream Freq Ref. Int (S) WP Par NFE: Adaptive Ref Le	p: Off Gate: Off IF Gate: Off IF Gate: Conf IF Gate: Low Sig Track: Off	AvgHold>100/100 Trig: Free Run Mkr1 : 	74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Trace Control Detector Math Trace Function Normalize
KEYSIGHT Input: RF2 Coupling. DC Align: AutoNo RF I Spectrum I Scale/Div 10 dB I Log Trace 1 Pass 0:00 I -10.0 I -20.0 I -30.0 I -40.0 I -40.0 I -40.0 I -50.0 I -60.0 I -70.0 I -80.0 I Start 50.00 GHz I #Res BW 1.0 MHz I	Corrections: On Pream Freq Ref. Int (S) Pream NFE: Adaptive Ref Le 	o BW 3.0 MHz*	ArgHold>100/100 Trig: Free Run Mkr1 1 	M W W W W W A N N N N N 74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Trace Control Detector Math Trace Function Normalize
KEYSIGHT Input: RF2 Coupling: DC Align: AutoNo RF UI PASS 1 Spectrum * Scale/Div 10 dB Log Trace 1 Pass 0:00 - -20:0 - -30:0 - -40:0 - -70:0 - -60:0 - -70:0 - -80:0 - Start 50:00 GHz	Corrections: On Pream Freq Ref. Int (S) Pream NFE: Adaptive Ref Le Adaptive Ref Le Ref L	p: Off Gate: Off IF Gate: Off IF Gate: Conf IF Gate: Low Sig Track: Off	AvgHold>100/100 Trig: Free Run Mkr1 : 	M W W W W W A N N N N N 74.600 GHz 28.50 dBm	Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Prototype Limited



Band		n260		Beam II)	61+18	٥
Frequency Range	F	50GHz-75Gł	47	Channe		Mid	3
Antenna polarity	`	Horizontal		Test distar		1m	
Spectrum Analyzer 1		Tionzontai			100	Trace	· 🔆
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF	Input Z: 50 Ω Corrections: On Freq Ref: Int (S)	Atten: ≥ 6 dB Preamp: Off μW Path: Standard	PNO: Fast Gate: Off IF Gain: Low	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W	Select Trace	
1 Spectrum	NFE: Adaptive		Sig Track: Off	Mkr1	4 N N N N N 74.475 GHz	Trace Type	Trace Control
Scale/Div 10 dB		Ref Level 10.00 d	dBm		-27.77 dBm	Clear / Write	Detector
Trace 1 Pass						Trace Average	Math
0.00						Max Hold	Trace
-10.0						Min Hold	Function Normalize
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-30.0				all and the second	mental long the de		
-40.0 -40.0 -40.0 -40.0 -40.0 -40.0 -40.0	many manufactures	ale water the week when the second	entering and the states of the	an san managen an		View	
-50.0						Blank	
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-80.0							
Start 50.00 GHz #Res BW 1.0 MHz		#Video BW 3.0 M	IHz*	Supan ~	Stop 75.00 GHz 198 ms (1001 pts)		Prototype Limited
	7, 2019 - A Ch	naracterize Noise Floo	or required			4	Sale Allowed
Note: The test results all	and the second						
Band		n260		Beam ID)	61+18	9
Frequency Range							
	5	50GHz-75Gł	Ηz	Channe		Mid	
	5		Hz	Channe Test distar		Mid 1m	
Antenna polarity		50GHz-75GI Vertical	Hz	Channe Test distar		1m	
Antenna polarity Spectrum Analyzer 1 Swept SA KEVSIGHT Input: RF2	Input Ζ: 50 Ω	Vertical Atten: ≥ 6 dB	PNO: Fast	Test distar			،
Antenna polarity Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF2 Coupling: DC Coupling: DC C	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical	PNO: Fast Gate: Off IF Gain: Low	Test distar	1 2 3 4 5 6 M W W W W	1m Trace Select Trace Trace 1	•
Antenna polarity Spectrum Analyzer 1 Swept SA KEVSIGHT Input: RF2	Input Z: 50 Ω Corrections: On	Vertical Atten: ≥ 6 dB Preamp: Off	PNO: Fast Gate: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz	1m Trace Select Trace Trace 1 Trace Type	Trace Control
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF DD PASS 1 Spectrum Scale(Div 10 dB	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical Atten: ≥ 6 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N	1m Trace Select Trace Trace 1 Trace Type Clear / Write	
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF U Scale/Div 10 dB Log Trace 1 Pass	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average	Control
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF DD PASS 1 Spectrum Scale(Div 10 dB	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold	Control Detector Math Trace
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF U Scale/Div 10 dB Log Trace 1 Pass	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF V Scale/Div 10 dB Og Trace 1 Pass 0.00	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold	Control Detector Math Trace
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB Cog Trace 1 Pass 0.00 -10.0 -20.0	Input Ζ: 50 Ω Corrections: On Freq Ref: Int (S)	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Test distar Avg Type: Power (RMS) AvgHold >100/100 Trig: Free Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF CV PASS Scale/Div 10 dB Log Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -30.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB Cog Trace 1 Pass 0.00 -10.0 -20.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF CV PASS Scale/Div 10 dB Log Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -30.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF CV PASS 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -40.0 -40.0 -40.0 -50.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF T Scale/Div 10 dB Log Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 Automatic and the second seco	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF CO PASS Scale/Div 10 dB Log Trace 1 Pass 000 -10.0 -20.0 -30.0 -40.0 -40.0 -50.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Goopling: DC Align: AutoNo RF V Scale/Div 10 dB Cog Trace 1 Pass 000 -10.0 -20.0 -30.0 -40.0 -40.0 -50.0 -60.0 -60.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings	Control Detector Math Trace Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Gouping: DC Align: Auto/No RF Scale/Div 10 dB Cg Trace 1 Pass 000 -10.9 -20.0 -30.0 -40.0 -40.0 -70.0	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off JBm	Avg Type: Power (RMS) Avg Hold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings	Control Detector Math Trace Function Normalize
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Gouping: DC Align: Auto/No RF Scate/Div 10 dB O Trace 1 Pass O Co Co Co Co Co Co Co Co Co	Input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off IBm	Avg Type: Power (RMS) AvgHold:::100/100 Trig: Free Run Mkr1 Image: Stree Run	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Control Detector Math Trace Function Normalize
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: AutoNo RF Scale/Div 10 dB Cog Trace 1 Pass 0.00 10.	Input Z: 50 Ω Corrections: On Frie Ref. Int (S) NFE: Adaptive	Vertical Atten: ≥ 6 dB Preamp: Off µW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off ISig Track: Off IBm	Avg Type: Power (RMS) AvgHold: 100/100 Trig: Free Run Mkr1 Mkr1 Mkr1 Mkr1 Multiple Multi Multiple <td>1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table</td> <td>Control Detector Math Trace Function Normalize</td>	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm 0 0 0 0 0 0 0 0 0 0 0 0 0	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Control Detector Math Trace Function Normalize
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: AutoNo RF V PASS 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass 000 100 100 100 100 100 100 100 100 1	input Z: 50 Ω Corrections: On Freq Ref. Int (S) NFE: Adaptive	Vertical Atten: 2 6 dB Preamp: Off pW Path: Standard Ref Level 10.00 d	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off BBm	Avg Type: Power (RMS) AvgHold:>100/100 Trig: Free Run Mkr1	1 2 3 4 5 6 M W W W W W A N N N N N 74.550 GHz -27.84 dBm	1m Trace Select Trace Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table	Control Detector Math Trace Function Normalize



David		- 200	Deem ID	61+189	
Band	,	n260	Beam ID		
Frequency Range	;	50GHz-75GHz	Channel Test distance	High	
Antenna polarity		Horizontal	Test distance	1m	
Swept SA	Input Z: 50 Ω	Atten: ≥ 6 dB PNO: Fast	Avg Type: Power (RMS) 1 2 3 4 5	Select Trace	
Coupling: DC Align: Auto/No RF	Corrections: On Freq Ref. Int (S) NFE: Adaptive	Preamp: Off Gate: Off µW Path: Standard IF Gain: Low	Avg Hold:>100/100 M ₩ ₩ ₩ ₩	W Trace 1 V	
1 Spectrum	NFC: Adaptive	Sig Track: Off	Mkr1 74.625 GH	Trace Type Trace Control	
Scale/Div 10 dB		Ref Level 10.00 dBm	-28.14 dBi	Detector	
Trace 1 Pass				Trace Average Math	
0.00				Max Hold Trace	
-10.0				Min Hold Function Normalize	
-20.0				Restart Max Hold	
-30.0				View/Blank	
Allow a star sha tanata a aka tanat	da	a warmen of the part of the failed and the state of the s	relien whet al factor of the for of a start market of the start of the	C View	
-40.0 Martin Phylory St. The analysis and the second	All and a second second			Blank	
-50.0				Background	
-60.0				7 Trace Settings	
-70.0				Table	
-70.0					
-80.0					
Start 50.00 GHz		#Video BW 3.0 MHz*	Stop 75.00 Gł	Prototype	
#Res BW 1.0 MHz	7 0040	#VIGEO BW 5.0 WINZ	Sweep ~198 ms (1001 pt	s) Limited	
	.59 AWI	haracterize Noise Floor required	 👪 🗄 🔀	Allowed	
Note: The test results al Band	ready includ	e the correction factor n260	(corrections: On). Beam ID	61+189	
		50GHz-75GHz	Channel		
Frequency Range Antenna polarity		Vertical	Test distance	High 1m	
Spectrum Analyzer 1 +		Ventical			
KEYSIGHT Input: RF2	Input Z: 50 Ω	Atten: ≥ 6 dB PNO: Fast	Avg Type: Power (RMS) 1 2 3 4 5		
Coupling: DC Align: Auto/No RF	Corrections: On Freq Ref: Int (S) NFE: Adaptive	Preamp: Off Gate: Off µW Path: Standard IF Gain: Low	Avg Hold:>100/100 Trig: Free Run M W W W W A N N N N	Trace 1	
1 Spectrum	NFE: Adaptive	Sig Track: Off	Mkr1 74.425 GH	Trace Type Trace Control	
Scale/Div 10 dB		Ref Level 10.00 dBm	-28.13 dBi	Detector	
Trace 1 Pass				Trace Average Math	
0.00				Max Hold Trace	
-10.0				Max Hold Trace Function	
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-10.0 -20.0 -30.0 -40.0 -40.0 -50.0 -60.0 -70.0 -70.0 -80.0 Start 50.00 GHz #Res BW 1.0 MHz	7, 2019 💬 🔥 CI	#Video BW 3.0 MHz*	Stop 75.00 G Sweep ~198 ms (1001 pt	Max Hold Min Hold Restart Max Hold View/Blank Active View Blank Background Trace Settings Table Prototype Limited Sale	



Band	n260	Beam ID	189
	75GHz-110GHz	Channel	Low
Frequency Range	Horizontal	Test distance	Low 1m
Antenna polarity			
KEVSIGHT Input: RF2	Input Z: 50 Ω #Atten: 0 dB PNO: Fast Corrections: On Preamp: Off Gate: Off	Avg Type: Power (RMS) Avg Hold:>10/10	6 Select Trace
Align: Auto/No RF	Freq Ref: Int (S) NFE: Adaptive W Path: Standard IF Gain: High Sig Track: Off	Trig: Free Run ANNN	N Trace Type
Spectrum v cale/Div 10 dB	Ref Level 0.00 dBm	Mkr1 75.385 GH -52.90 dB	Clear / Write
Trace 1 Pass			Trace Average
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0.0			Trace Settings Table
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rt 75.00 GHz es BW 1.0 MHz	#Video BW 3.0 MHz*	Stop 110.00 G Sweep ~372 ms (1001 p	
A May 17	2019 🞰 🛕 Characterize Noise Floor required		Allowe
📲 🥱 🧖 🖬 ? May 17, 8:06:34	PM M Characterize Noise Pioor required	II 👪 🖬 🔛	Allower
	eady include the correction factor (corrections: On).	
	eady include the correction factor (n260		189
te: The test results alre Band Frequency Range	eady include the correction factor (n260 75GHz-110GHz	corrections: On). Beam ID Channel	189 Low
ote: The test results alre Band Frequency Range Antenna polarity	eady include the correction factor (n260	corrections: On). Beam ID	189 Low 1m
ete: The test results alre Band Frequency Range Antenna polarity	eady include the correction factor (n260 75GHz-110GHz Vertical	corrections: On). Beam ID Channel Test distance	189 Low 1m
te: The test results alre Band Frequency Range Antenna polarity ectrum Analyzer 1 ept SA ECYSIGHT Input: RF2	eady include the correction factor (n260 75GHz-110GHz	corrections: On). Beam ID Channel	189 Low 1m
ete: The test results alre Band Frequency Range Antenna polarity etrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Algn: AudoNo RF	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω #Atten: 0 dB PNO: Fast Corrections: On Preamp: Off Gate: Off	Avg Type: Power (RMS) AvgItype: Power (RMS) AvgItold:>10/10 Trig: Free Run	189 Low 1m Select Marker Warker 1 Marker Frequency Settings
te: The test results alre Band Frequency Range Antenna polarity ectrum Analyzer 1 ept SA (EYSIGHT PASS pectrum ale/Div 10 dB	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω #Atten: 0 dB PNO: Fast Corrections: On Preamp: Off Gate: Off Freq Ref. Int (S) WPath: Standard IF Gain: High	Corrections: On). Beam ID Channel Test distance	189 Low 1m Select Marker Marker 7 Marker 7 Marke
te: The test results alre Band Frequency Range Antenna polarity ectrum Analyzer 1 ept SA CeySIGHT PASS pectrum ale/Div 10 dB	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker 1 Marker Frequency 75.38500000 GHz Peak Search Peak Search Pk Search
te: The test results alre Band Frequency Range Antenna polarity ectrum Analyzer 1 Antenna polarity ectrum Analyzer 1 PASS Algo: Auto/No RF PASS peetrum ale/Div 10 dB	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker 7 Marker 8 Marker 8 Marker 8 Marker 9 Marker 8 Marker 9 Marker 9 Marke
te: The test results alre Band Frequency Range Antenna polarity etrum Analyzer 1 PASS Pectrum Analyzer 1 PASS pectrum ale/Div 10 dB	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker 1 Marker Frequency 75.38500000 GHz Peak Search Peak Search Next Peak Next Pk Right Propertie
te: The test results alre Band Frequency Range Antenna polarity ctrum Analyzer 1 FYSIGHT PASS pectrum ale/Div 10 dB	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker 1 Marker Frequency 75.38500000 GHz Peak Search Next Peak Next Pk Right Next Pk Left Marker Function
te: The test results alre Band Frequency Range Antenna polarity cetrum Analyzer 1 Frequency Range Antenna polarity Coupling: DC Align: Auto/No RF PASS Pectrum Jac/Div 10 dB	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker T Marker Frequency 75.38500000 GHz Peak Search Next Pk Right Next Pk Left Next Pk Left Marker Marker
te: The test results alre Band Frequency Range Antenna polarity certum Analyzer 1 Frequency Range Antenna polarity Coupling: DC Algn: AutoNo RF PASS Pectrum Trace 1 Pass	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker 1 Marker 1 Marker 1 Marker 1 Peak Search Next Peak Next Pk Left Next Pk Left Marker Pk-Pk Search Counter
Antenna polarity Antenna polarity ectrum Analyzer 1 EYSIGHT PASS Frectum ale/Div 10 dB Trace 1 Pass	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker Marker T Marker T Marker Frequency 75.385000000 GHz Peak Search Next Peak Next Peak Next Peak Next Pk Left Next Pk Left Marker Pk-Pk Search Output Marker Marker Marker
Antenna polarity Antenna polarity ectrum Analyzer 1 PASS Antenna polarity Coupling: DC Align: Auto/No RF PASS Antenna polarity Coupling: DC Align: Auto/No RF PASS Align: Auto/No RF PASS	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run M W W W W A N N N N Mkr1 75.385 GF	189 LOW 1m Select Marker Marker 1 Next Prequency Peak Search Peak Search Next Pk Right Next Pk Left Marker Pk-Pk Search Counter Marker Delta MkrCF
Antenna polarity ectrum Analyzer 1 Frequency Range Antenna polarity ectrum Analyzer 1 Frequency Range Antenna polarity ectrum Analyzer 1 Frequency Range Coupling: DC Align: Auto/No RF Frace 1 Pass	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker Marker Frequency 75.38500000 GHz Peak Search Peak Search Next Peak Next Pk Left Marker -CF Marker Lvl
Antenna polarity ectrum Analyzer 1 PASS Antenna polarity ectrum Analyzer 1 PASS PASS Autono RF PASS Autono RF PASS Autono RF PASS Autono RF PASS	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off Gate: Off NFE: Adaptive	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker V Marker V Marker 1 Marker Frequency 75.385000000 GHz Peak Search Next Peak Config Next Pk Right Next Pk Right Next Pk Left Next Pk Left Marker Pk-Pk Search Marker Pk-Pk Search Marker Marker Continuous Peak Search
Antenna polarity Antenna polarity ectrum Analyzer 1 EYSIGHT Magnetic 1 PASS Antenna polarity Coupling. DC Align: Auto/No RF PASS Align: Auto/No RF Coupling. DC Align:	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off W Path: Standard IF Gate: Off Sig Track: Off Sig Track: Off	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker Marker 1 Peak Search Peak Search Next Peak Next Pk Right Next Pk Left Marker - Pk-Pk Search Marker Delta MkrCF MkrCF MkrRef Lvl Continuous Peak
Antenna polarity ectrum Analyzer 1 PASS PASS Antenna polarity ectrum Analyzer 1 PASS PASS Autono RF PASS Autono RF Autono RF A	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off W Path: Standard IF Gate: Off Sig Track: Off Sig Track: Off	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker Marker 1 Peak Search Peak Search Next Pk Right Propertie Next Pk Left Marker Delta Mkr-CF Mkr-CF Mkr-CF On
Antenna polarity ectrum Analyzer 1 PASS Antenna polarity ectrum Analyzer 1 PASS Antenna polarity Certer SA Coupling: DC Align: Auto/No RF PASS Align: Auto/No RF Coupling: DC Align: Auto/No RF Align: Align: Align: Au	Red y include the correction factor (n n260 75GHz-110GHz Vertical PNO: Fast Corrections: On Freq Ref. Int (S) NFE: Adaptive #Atten: 0 dB Preamp: Off µW Path: Standard PNO: Fast Gate: Off IF Gain: High Sig Track: Off Ref Level 0.00 dBm Off IF Gain: High Sig Track: Off Corrections: On Preamp: Off µW Path: Standard PNO: Fast Gate: Off IF Gain: High Sig Track: Off Ref Level 0.00 dBm Off Off Off Off Imput Z: 50 Ω Preamp: Off µW Path: Standard PNO: Fast Gate: Off Ref Level 0.00 dBm Imput Z: 50 Ω Sig Track: Off Imput Z: 50 Ω Preamp: Off µW Path: Standard PNO: Fast Gate: Off Imput Z: 50 Ω Sig Track: Off Ref Level 0.00 dBm Imput Z: 50 Ω Imput Z: 50 Ω Imput Z: 50 Ω Imput Z: 50 Ω Ref Level 0.00 dBm Imput Z: 50 Ω Imput Z: 50 Ω Imput Z: 50 Ω	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) ArgHold.>10/10 Trg: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker Marker I Marker Frequency 75.38500000 GHz Peak Search Peak Search Next Peak Next Pk Left Marker Delta MkrCF MkrCF Or Or Off
atte: The test results already Band Frequency Range Antenna polarity ectrum Analyzer 1 PASS Spectrum ale/Div 10 dB P Trace 1 Pass 1	eady include the correction factor (n260 75GHz-110GHz Vertical Input Z: 50 Ω (#Atten: 0 dB Preamp: Off W Path: Standard IF Gate: Off Sig Track: Off Sig Track: Off	Corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:>10/10 Trig: Free Run Mkr1 75.385 GH -51.15 dB	189 LOW 1m Select Marker Marker I Marker Frequency Peak Search Peak Search Peak Search Next Peak Next Pk Right Next Pk Left Marker Pk-Pk Search Counter Marker Delta MkrCF MkrRef Lvl Continuous Peak Search Off



Band		n260		Beam II)	1	89
Frequency Range	7	5GHz-110G	θHz	Channel		Mid	
Antenna polarity		Horizonta		Test distar			Im
Spectrum Analyzer 1							larker 🔻 🕌
KEYSIGHT Input: RF2	Input Z: 50 Ω Corrections: On	#Atten: 0 dB Preamp: Off	PNO: Fast Gate: Off	Avg Type: Power (RMS) Avg Hold:>10/10	1 2 3 4 5 6	Select Marker	(international states)
Coupling: DC Align: Auto/No RF	Freq Ref: Int (S) NFE: Adaptive	µW Path: Standard		Trig: Free Run	ANNNN	Marker 1	
1 Spectrum V				Mkr1	77.800 GHz -51.19 dBm	Marker Frequen 77.800000000	GHz
Scale/Div 10 dB		Ref Level 0.00 o	1Bm		-51.19 0611	Peak Sear	ch Peak Search
-10.0						Next Peal	k Pk Search Config
-20.0						Next Pk Rig	pht Properties
						Next Pk Le	eft Marker Function
-30.0						Minimum Pe	eak Marker→
-40,0						Pk-Pk Sear	ch Counter
-50.0						Marker Del	Ita
-60.0	man	and the second	m		un up marginado mat	Mkr→CF	
Number of the						Mkr→Ref L	.vl
-70.0						Continuous Pea Search	ik
-80,0						On Off	
-90.0							
							Destate
Start 75.00 GHz #Res BW 1.0 MHz		#Video BW 3.0 M	MHz*	Sweep ~	Stop 110.00 GHz 372 ms (1001 pts)		Prototype
May 17, 8:10:06	2019 🗩 🚹 Ch	aracterize Noise Flo	or required		¥ - ×		Sale Allowed
lote: The test results alre	eady includ	e the correc	tion factor (corrections: On).			
Band		n260		Beam II)	1	89
Frequency Range	7	5GHz-110G	θHz	Channe			/lid
Antenna polarity		Vertical		Test distar	nce		lm
Spectrum Analyzer 1 + Swept SA KEYSIGHT Input: RF2	Input Z: 50 Ω	#Atten: 0 dB	PNO: Fast	Avg Type: Power (RMS)			Frace 🔻 📩
Coupling: DC Align: Auto/No RF	Corrections: On Freq Ref: Int (S)	Preamp: Off µW Path: Standard	Gate: Off I IF Gain: High	Avg Hold:>10/10 Trig: Free Run	1 2 3 4 5 6 M W W W W W	Select Trace Trace 1	
1 Spectrum	NFE: Adaptive		Sig Track: Off	Mkr1	77.800 GHz	Trace Type	Trace Control
Scale/Div 10 dB		Ref Level 0.00 d	iBm		-50.49 dBm	Clear / Write	e Detector
Trace 1 Pass						Trace Avera	ge Math
-10.0						Max Hold	Trace
-20.0						Min Hold	Function
-30.0						Restart Max I	Hold
-40.0						View/Blank	
1						View	
-50.0	n.			he have a second second	mannand	Blank	
-60.0 minut	- man	man	and a start of the second s	and an and a second and a second and a second s		Background	
						/ Trace Settin	
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-70.0						Table	
-70.0 -90.0 		#Video BW 3.0 f	NHz*		Stop 110.00 GHz		Prototype
90.0	2019 - A Ch	#Video BW 3.0 1		الارتيان المحادثان ا	Stop 110.00 GHz 372 ms (1001 pts)		Prototyp Limited Sale Allowed



			100
Band	n260	Beam ID	189
Frequency Range	75GHz-110GHz	Channel Test distance	High
Antenna polarity	Horizontal	Test distance	1m
Swept SA	nput Z: 50 Ω #Atten: 0 dB PNO:		Trace Trace Select Trace
Coupling: DC Coupling: Auto/No RF F			Trace 1 🔻
1 Spectrum	NFE: Adaptive Sig Tr.	Mkr1 80.005 GH	Z Trace Type Trace Control
Scale/Div 10 dB	Ref Level 0.00 dBm	-52.01 dBn	Detector
Trace 1 Pass			Trace Average Math
			Max Hold Min Hold Trace Function
-20.0			Normalize
-30.0			Restart Max Hold View/Blank
-40.0			Active
-50.0			View
		mune and allow a source of the state	Blank
-60.0 Munimum			Background
-70.0			Trace Settings
-80.0			Table
-90.0			
-30.0			
Start 75.00 GHz #Res BW 1.0 MHz	#Video BW 3.0 MHz*	Stop 110.00 GH Sweep ~372 ms (1001 pt	
	019 💮 🚹 Characterize Noise Floor required		Sale
	ady include the correction fa		
Band	n260	Beam ID	189
Frequency Range	75GHz-110GHz	Channel	High
Antenna polarity	75GHz-110GHz Vertical	Channel Test distance	1m
Antenna polarity Spectrum Analyzer 1 + +	Vertical	Test distance	1m
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: corrections: On Preamp: Off Gate:	Fast Avg Type: Power (RMS) Off AvgHold>10/10 Trig: Free Run M W W W W	1m Marker Image: Comparison of the sector
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling. DC Align: AutoNo RF	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: Freq Ref: Int (S) μW Path: Standard IF Gai	Test distance Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5	1m Marker P Constant Select Marker Marker 1 Marker 1 Marker Steppency Settings
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coopling: DC Align: AutoNo RF Scale/Div 10 dB Log	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: Freq Ref: Int (S) μW Path: Standard IF Gai	Avg Type: Power (RMS) Off 1 2 3 4 5 AvgHold>10/10 N W W W W ack: Off M W W W W	1m Marker Im Select Marker Im Marker 1 Im Marker Frequency Settings 0005000000 GHz Peak
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB Log Trace 1 Pass	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) Avg Hold>10/10 1 2 3 4 5 Off AvgIF Free Run M W W W W W A N N N N Mkr1 80.005 GH	1m Marker • • • • • • • • • • • • • • • • • • •
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coopling: DC Align: AutoNo RF Scale/Div 10 dB Log	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) Avg Hold>10/10 1 2 3 4 5 Off AvgIF Free Run M W W W W W A N N N N Mkr1 80.005 GH	1m Marker Im Select Marker Im Marker 1 Im Marker 1 Im Marker Frequency Settings 80.005000000 GHz Peak Peak Search Peak Next Peak Pk Search Config Pk Search
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB Log Trace 1 Pass	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) Avg Hold>10/10 1 2 3 4 5 Off AvgIF Free Run M W W W W W A N N N N Mkr1 80.005 GH	1 m Marker • Exception of the second of the
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Alagn: Auto/No RF Scale/Div 10 dB Log Trace 1 Pass -10.0	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) Avg Hold>10/10 1 2 3 4 5 Off AvgIF Free Run M W W W W W A N N N N Mkr1 80.005 GH	1m Marker Pack Select Marker Marker 1 Marker 1 Marker Frequency 80.00500000 GHz Peak Search Peak Search Peak Search Peak Search Next Pk Right Next Pk Left Next Pk Left Marker Function
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF V Scale/Div 10 dB Log Trace 1 Pass 10.0 -20.0	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) Avg Hold>10/10 1 2 3 4 5 Off AvgIF Free Run M W W W W W A N N N N Mkr1 80.005 GH	1 m Marker Marker Marker Marker 1 Select Marker Marker 1 Marker 1 Peak Search Peak Search Next Peak Properties Next Pk Left Marker Next Pk Left Marker Minimum Peak Marker
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Cooping: DC Angin: AutoNo RF Scale/Div 10 dB Log Trace 1 Pass 100 -200 -300 -40.0 Log	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) Avg Hold>10/10 1 2 3 4 5 Off AvgIF Free Run M W W W W W A N N N N Mkr1 80.005 GH	1 m Marker V Karker Select Marker Marker 1 V Marker 1 V Next Prequency Peak Search Peak Search Peak Search Pk Search Pk Search Next Peak Next Pk Right Next Pk Left Marker - Marker - Marker -
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF CV PASS Scale/Div 10 dB Log Trace 1 Pass 100 -200 -300 -400	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: rog Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 MW W W W W W W W W W W W W W W W W W W	1m Marker Marker Select Marker Image: Comparison of the second secon
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Cooping: DC Angin: AutoNo RF Scale/Div 10 dB Log Trace 1 Pass 100 -200 -300 -40.0 Log	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: req Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 M W W W W A N N N N rng: Free Run M W W W W A N N N N MKr1 80.005 GH -51.26 dBr Image: State	1 m Marker Parker Peak Select Marker Marker 1 Marker 1 Marker 1 Peak Search Peak Search Peak Search Peak Search Peak Search Pk Search Next Peak Next Pk Right Next Pk Left Marker Marker Pk-Pk Search Counter Marker Pk-Pk Search Marker Pk-Pk Search Marker
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Cooping: DC Angin: AutoNo RF Scale/Div 10 dB Log Trace 1 Pass 100 -200 -300 -40.0 -500 1	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: req Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 MW W W W W W W W W W W W W W W W W W W	1m Marker Marker Select Marker Im Marker 1 Im Peak Search Peak Next Peak Search Next Pk Right Properties Next Pk Left Marker Pk-Pk Search Counter Marker Delta Mkr-→CF Mkr-→CF Mkr-→CF Mkr-→CF Mkr-→CF Mkr-→CF Mkr-→CF
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Cooping: Dc Angin: AutoNo RF Scale/Div 10 dB Log Trace 1 Pass 10.0 -20.0 -30.0 -40.0 -60.0 -	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: req Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 MW W W W W W W W W W W W W W W W W W W	1m Marker Marker Select Marker Marker Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Peak Marker 1 Peak Peak Search Peak Peak Search Pk Search Next Pk Right Properties Next Pk Left Marker Minimum Peak Marker -+ Pk-Pk Search Counter Marker Delta MkrCF MkrRef Lvl Marker Lvl
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF CO PASS 1 Spectrum Scale/Div 10 dB Cog Trace 1 Pass 100 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 -80.0	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: req Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 MW W W W W W W W W W W W W W W W W W W	1m Marker Marker Select Marker Marker Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Peak Peak Search Peak Peak Search Pk Search Next Pk Right Properties Next Pk Left Marker Pk-Pk Search Counter Minimum Peak Marker Pk-Pk Search Counter Marker -CF MkrCF MkrCF MkrCF On On
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Alagn: Auto/No RF CU PASS 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass -10.0 -20.0 -30.0 -40.0 -50.0 -70.	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: req Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 MW W W W W W W W W W W W W W W W W W W	1m Marker Marker Select Marker Marker Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Peak Peak Search Peak Peak Search Pk Search Next Pk Right Properties Next Pk Left Marker Pk-Pk Search Counter Minimum Peak Marker Pk-Pk Search Counter Marker -CF MkrCF MkrCF MkrCF On On
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF U Scale/Div 10 dB Cog Trace 1 Pass 100 -20.0 -30.0 -40.0 -50.0 -60.0 -60.0 -60.0 -50.0 -60.0 -50.0	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Corrections: On Preamp: Off Gate: req Ref: Int (S) µW Path: Standard IF Gat NFE: Adaptive Sig Tr	Test distance Fast Off Avg Type: Power (RMS) AvgHold>10/10 1 2 3 4 5 AvgHold>10/10 M W W W W AvgAnter AvgHold>10/10 M W W W W AvgAnter MKr1 80.005 GH -51.26 dBr	1m Marker Marker Select Marker Fill Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Peak Marker 1 Peak Peak Search Peak Peak Search Peak Next Peak Properties Next Pk Right Properties Next Pk Left Marker Pk-Pk Search Counter Marker Delta Mkr→CF Mkr→CF Mkr→CF Off Off
Antenna polarity Spectrum Analyzer 1 KEYSIGHT Input: RF2 Coupling: DC AntoNo RF CU PASS I Spectrum Scale/Div 10 dB Log Trace 1 Pass 100 -00 -00 -00 -00 -00 -00 -00 -00 -00	Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Dorrections: On #Atten: 0 dB Pisamp: Off Gate: iFe Adaptive #W Path: Standard IF Gate: Sig Tr Ref Level 0.00 dBm Image:	Test distance Fast Avg Type: Power (RMS) AvgHold>1 2 3 4 5 AvgHold>1010 Trig: Free Run MWWWWWAANNNN AvgHold>1010 Trig: Free Run MKr1 80.005 GH -51.26 dBr MKr1 80.005 GH -51.26 dBr Officient Colspan="2">Officient Colspan="2">Officient Colspan="2">MWWWWW MKr1 80.005 GH -51.26 dBr Officient Colspan="2">Officient Colspan="2">MKr1 80.005 GH -51.26 dBr Officient Colspan="2">Officient Colspan="2">Officient Colspan="2">Officient Colspan="2">MWWWWW MKr1 80.005 GH -51.26 dBr Officient Colspan="2">Officient Colspan="2" Officient Colspan="2" Officient Colspan="2" Officient Colspan="2" Officient Colspan="2" Officient Colspan="2"	



Band	n260		Beam ID		61+189	ג
Frequency Range	75GHz-110GHz		Channel		Low	
Antenna polarity	Horizontal		Test distance	0	1m	
	TIONZONIA		rest distance	,c		SV
Spectrum Analyzer 1 + Swept SA KEYSIGHT Input: RF2	Input Z: 50 Ω #Atten: 0 dB F	PNO: Fast	Avg Type: Power (RMS)	123456	Trace	· ※
Coupling: DC Align: Auto/No RF	Corrections: On Preamp: Off C Freq Ref: Int (S) µW Path: Standard II	Gate: Off F Gain: High	Avg Hold:>10/10 Trig: Free Run	1 2 3 4 5 6 M W W W W W	Select Trace Trace 1	•
	NFE: Adaptive S	Sig Track: Õff		ANNNNN 75.385 GHz	Trace Type	Trace
1 Spectrum Scale/Div 10 dB	Ref Level 0.00 dBm			51.92 dBm	Clear / Write	Control
Log Trace 1 Pass	The second se				Trace Average	Detector
-10.0					Max Hold	Math
20.0					Min Hold	Trace Function
-20.0						Normalize
-30.0					Restart Max Hold	
-40.0					View/Blank	
-50.0				monthall	View	
-60.0 00 May		montenent	mennementer		Blank	
					Background	
-70.0					Trace Settings Table	
-80.0						
-90.0						
190.0						
Start 75.00 GHz	#Video BW 3.0 MHz*			top 110.00 GHz		Prototype
#Res BW 1.0 MHz	2019	경영		2 ms (1001 pts)		Limited Sale
H D C D ? May 17, 9:05:36] = 🔀		Allowed
	eady include the correction	n factor (co	· ·		04:40	
Band	n260		Beam ID		61+189	1
Frequency Range	75GHz-110GHz		Channel		Low	
Antenna polarity					-	
	Vertical		Test distanc	e	1m	
Spectrum Analyzer 1				e	-	، ا
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF2	Input Z: 50 Ω #Atten: 0 dB P Corrections: On Preamp: Off C	PNO: Fast Sate: Off	Avg Type: Power (RMS) Avg Hold:>10/10	123456	1m Trace Select Trace	· 😤
Spectrum Analyzer 1 Swept SA KEYSIGHT KEYSIGHT Align: AutolNo RF CV PASS	Input Z ⁻ 50 Ω #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) μW Path: Standard III		Avg Type: Power (RMS) Avg Hold:>10/10 Trig: Free Run	1 2 3 4 5 6 M ** ** ** ** A N N N N N	1m Trace Select Trace Trace 1	Trace
Spectrum Analyzer 1 Swept SA KEYSIGHT FOUL RF2 Coupling: DC Algn: Auto/No RF V 1 Spectrum	Input Z: 50 Q #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) W Path: Standard II NFE: Adaptive S	Gate: Off F Gain: High	Avg Type: Power (RMS) Avg Hold >10/10 Trig: Free Run Mkr1 7	1 2 3 4 5 6 M W W W W W A N N N N N 75.385 GHz	1m Trace Select Trace Trace 1	Trace Control
Spectrum Analyzer 1 Swept SA KEYSIGHT FOR A Coupling: DC Align: AutoiNo RF	Input Z ⁻ 50 Ω #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) μW Path: Standard III	Gate: Off F Gain: High	Avg Type: Power (RMS) Avg Hold >10/10 Trig: Free Run Mkr1 7	1 2 3 4 5 6 M ** ** ** ** A N N N N N	1m Trace Select Trace Trace 1 Trace Type	Trace
Spectrum Analyzer 1 Wey SIGHT Input: RF2 Coupling: DC Align: Auto/No RF V PASS 1 Spectrum Y Scale/Div 10 dB Log	Input Z: 50 Q #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) W Path: Standard II NFE: Adaptive S	Gate: Off F Gain: High	Avg Type: Power (RMS) Avg Hold >10/10 Trig: Free Run Mkr1 7	1 2 3 4 5 6 M W W W W W A N N N N N 75.385 GHz	1m Trace Select Trace Trace 1 Trace Type Clear / Write	Trace Control
Spectrum Analyzer 1 Swept SA KEYSIGHT PASS 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass 10.0 Imput: RF2 Coupling: DC Align: Auto/No RF Coupling: DC Coupling: DC Cou	Input Z: 50 Q #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) W Path: Standard II NFE: Adaptive S	Gate: Off F Gain: High	Avg Type: Power (RMS) Avg Hold >10/10 Trig: Free Run Mkr1 7	1 2 3 4 5 6 M W W W W W A N N N N N 75.385 GHz	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average	Trace Control Detector
Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB Cog Trace 1 Pass -10.0 -20.0 -20.0 -20.0 -20.0 	Input Z: 50 Q #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) W Path: Standard II NFE: Adaptive S	Gate: Off F Gain: High	Avg Type: Power (RMS) Avg Hold >10/10 Trig: Free Run Mkr1 7	1 2 3 4 5 6 M W W W W W A N N N N N 75.385 GHz	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold	Trace Control Detector Math Trace
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Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF Scale/Div 10 dB Cog Trace 1 Pass -10.0 -20.0 -20.0 -20.0 -20.0 	Input Z: 50 Q #Atten: 0 dB F Corrections: On Preamp: Off C Freq Ref. Int (S) W Path: Standard II NFE: Adaptive S	Gate: Off F Gain: High	Avg Type: Power (RMS) Avg Hold >10/10 Trig: Free Run Mkr1 7	1 2 3 4 5 6 M W W W W W A N N N N N 75.385 GHz	1m Trace Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold	Trace Control Detector Math Trace Function
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Band	n260	Beam ID	61+189	
Frequency Range	75GHz-110GHz	Channel	Mid	
Antenna polarity	Horizontal	Test distance	1m	
pectrum Analyzer 1			🛟 Trace 🔻 💥	
KEYSIGHT Input: RF2 In Coupling: DC C Align: Auto/No RF F	nput Z: 50 Ω #Atten: 0 dB PNO: Fast Corrections: On Preamp: Off Gate: Off req Ref. Int (S) μW Path: Standard IF Gain: High NFE: Adaptive Sig Track: Of		6 Select Trace W Trace 1	
Spectrum v		Mkr1 77.800 GH -51.30 dBr		
og Trace 1 Pass	Ref Level 0.00 dBm	-51.30 dBr	Detector	
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			Min Hold Trace	
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art 75.00 GHz Res BW 1.0 MHz	#Video BW 3.0 MHz*	Stop 110.00 GH Sweep ~372 ms (1001 pt		
	019 Characterize Noise Floor required		Sale Allowed	
	ady include the correction factor			
Band			<u> </u>	
Dunu	n260	Beam ID	61+189	
Frequency Range	75GHz-110GHz	Channel	61+189 Mid 1m	
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Frequency Range Antenna polarity	75GHz-110GHz Vertical	Channel Test distance	Mid 1m	
Frequency Range Antenna polarity wept SA KEYSIGHT Nopel: RF2 Coupling: DC Coupling: AtterNo RF	75GHz-110GHz Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Fast Preamp: Off Gate: Off req Ref. Int (S) μW Path: Standard IF Gain: High	Avg Type: Power (RMS) AvgHold>10/10 Trg: Free Run M W W W W	Mid 1m	
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Frequency Range Antenna polarity Dectrum Analyzer 1 Wept SA KEYSIGHT PASS Spectrum Spectrum Trace 1 Pass	75GHz-110GHz Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Fast corrections: On Preamp: Off Gate: Off req Ref. Int (S) µW Path: Standard IF Gain: High VFE: Adaptive Sig Track: Off	Channel Test distance	Mid 1m Marker V X Select Marker Marker 1 Marker Frequency 77.80000000 GHz Peak Search Next Peak Next Peak Next Pk Right Next Pk Left Marker	
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Frequency Range Antenna polarity	75GHz-110GHz Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Fast corrections: On Preamp: Off Gate: Off req Ref. Int (S) µW Path: Standard IF Gain: High VFE: Adaptive Sig Track: Off	Channel Test distance Avg Type: Power (RMS) AvgHold > 10/10 Trig: Free Run 1 2 3 4 5 M W W W W A A N N N N Mkr1 77.800 GH -51.06 dBr Image: State St	Mid 1m Select Marker Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Marker 1 Peak Search Peak Search Peak Search Peak Search Next Peak Next Peak Next Pk Left Next Pk Left Marker Pk-Pk Search Counter Marker Delta MkrRef Lvl Continuous Peak Search On	
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Frequency Range Antenna polarity	75GHz-110GHz Vertical nput Z: 50 Ω #Atten: 0 dB PNO: Fast corrections: On Preamp: Off Gate: Off req Ref. Int (S) µW Path: Standard IF Gain: High VFE: Adaptive Sig Track: Off	Channel Test distance Avg Type: Power (RMS) AvgHold > 10/10 Trig: Free Run 1 2 3 4 5 M W W W W A A N N N N Mkr1 77.800 GH -51.06 dBr Image: State St	Mid 1m Select Marker Marker 1 Marker 1 Peak Search Peak Search Peak Search Peak Search Next Peak Next Pk Left Marker Pk-Pk Search Marker Pk-Pk Search Counter Marker Delta MkrCF Mkr-	



Band	n260	Beam ID	61+189
Frequency Range	75GHz-110GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m
Spectrum Analyzer 1			🗱 Marker 🔻 🔆
KEYSIGHT Input: RF2 Coupling: DC Align: Auto/No RF	Input Z: 50 Ω #Atten: 0 dB PNO: Fast Corrections: On Preamp: Off Gate: Off Freq Ref: Int (S) μW Path: Standard IF Gain: High		Select Marker Marker 1
1 Spectrum	NFE: Adaptive Sig Track: Öl	Mkr1 80.005 GH	Marker Frequency 80.005000000 GHz
Scale/Div 10 dB	Ref Level 0.00 dBm	-49.42 dBr	Peak Search Search
Trace 1 Pass			Next Peak Pk Search Config
-20.0			Next Pk Right Properties
			Next Pk Left Marker Function
-30.0			Minimum Peak Marker→
-40.0			Pk-Pk Search Counter
-50.0		and	Marker Delta
-60.0	man	mon and have been and the set of the stand to the set of the set o	Mkr→CF
-70.0			Mkr→Ref Lvl Continuous Peak
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-80.0			Off
-90.0			
Start 75.00 GHz	#Video BW 3.0 MHz*	Stop 110.00 GF	Prototype
#Res BW 1.0 MHz		Sweep ~372 ms (1001 pt	Limited
May 17, 1	2019 A Characterize Noise Eleer required		Sale
4 5 6 1 ? May 17, 3 9:20:18			Sale Allowed
lote: The test results alre	eady include the correction facto	r (corrections: On).	Allowed
lote: The test results alre Band	eady include the correction facto n260	r (corrections: On). Beam ID	Allowed 61+189
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lote: The test results alre Band Frequency Range Antenna polarity	eady include the correction facto n260 75GHz-110GHz	r (corrections: On). Beam ID Channel	Allowed 61+189 High
Iote: The test results alre Band Frequency Range Antenna polarity Spectrum Analyzer 1 Wept SA KEYSIGHT Input. RF2	eady include the correction facto n260 75GHz-110GHz	r (corrections: On). Beam ID Channel Test distance	Allowed 61+189 High 1m Trace V Constraints
Antenna polarity Spectrum Analyzer 1 KEYSIGHT PASS	eady include the correction facto n260 75GHz-110GHz Vertical	r (corrections: On). Beam ID Channel Test distance	Allowed 61+189 High 1m Select Trace Trace 1 Trace Trace
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Iote: The test results alre Band Frequency Range Antenna polarity Spectrum Analyzer 1 KEYSIGHT I Spectrum Scale/Div 10 dB	ady include the correction facto n260 75GHz-110GHz Vertical	Avg Type: Power (RMS) AvgItpd: 2 3 4 5 AvgItpd: 2 3 4 5 MW W W W AvgItpd: 2 3 4 5 MW W W W AvgItold >10/10 Trig: Free Run MKr1 80.005 GH	Allowed 61+189 High 1m Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Math Trace Trace Max Hold Normalize
Iote: The test results alree Band Frequency Range Antenna polarity Spectrum Analyzer 1 KEYSIGHT KEYSIGHT Ispectrum Scale/Div 10 dB	ady include the correction facto n260 75GHz-110GHz Vertical	Avg Type: Power (RMS) AvgItpd: 2 3 4 5 AvgItpd: 2 3 4 5 MW W W W AvgItpd: 2 3 4 5 MW W W W AvgItold >10/10 Trig: Free Run MKr1 80.005 GH	Allowed 61+189 High 1m Select Trace Trace 1 Trace 1 Trace 1 Trace 1 Trace Control Detector Math Trace Math Trace Math
Iote: The test results alre Band Frequency Range Antenna polarity Spectrum Analyzer 1 KEYSIGHT PASS 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass	ady include the correction facto n260 75GHz-110GHz Vertical	Avg Type: Power (RMS) AvgItpd: 2 3 4 5 AvgItpd: 2 3 4 5 MW W W W AvgItpd: 2 3 4 5 MW W W W AvgItold >10/10 Trig: Free Run MKr1 80.005 GH	Allowed 61+189 High 1m Select Trace Trace 1 Trace Type Clear / Write Trace Average Max Hold Min Hold Restart Max Hold
Iote: The test results alre Band Frequency Range Antenna polarity Spectrum Analyzer 1 Frequency Range Antenna polarity Spectrum Analyzer 1 Frequency Range Coupling DC Align: Auto/No RF Scale/Div 10 dB	ady include the correction facto n260 75GHz-110GHz Vertical	r (corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold:::1010 MW w w w AvgHold:::1010 MKr1 80.005 GH -50.61 dBr	Allowed 61+189 High 1m Select Trace Trace 1 Clear / Write Trace Average Math Trace Math Trace Min Hold Normalize View/Blank Active View
Iote: The test results alree Band Frequency Range Antenna polarity Spectrum Analyzer 1 KEYSIGHT Ispectrum Scale/Div 10 dB Coopling: DC Align: AutoNo RF Scale/Div 10 dB	ady include the correction facto n260 75GHz-110GHz Vertical	Avg Type: Power (RMS) AvgItpd: 2 3 4 5 AvgItpd: 2 3 4 5 MW W W W AvgItpd: 2 3 4 5 MW W W W AvgItold >10/10 Trig: Free Run MKr1 80.005 GH	Allowed
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Iote: The test results alree Band Frequency Range Antenna polarity Spectrum Analyzer 1 KEYSIGHT PASS 1 Spectrum Scale/Div 10 dB Cog Trace 1 Pass 100 	ady include the correction facto n260 75GHz-110GHz Vertical	r (corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold>10/10 Trg: Free Run Mkr1 80.005 GH -50.61 dBr	Allowed
Iote: The test results alree Band Frequency Range Antenna polarity Spectrum Analyzer 1 Frequency Range Antenna polarity Spectrum Analyzer 1 Frequency Range Coupling: DC Align: Auto/No RF Coupling: DC Align: Auto/No RF	ady include the correction facto n260 75GHz-110GHz Vertical	r (corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold>10/10 Trg: Free Run Mkr1 80.005 GH -50.61 dBr	61+189 High 1m Select Trace Trace 1 Trace Type Clear / Write Detector Max Hold Max Hold Normalize Wiew/Blank Active View Blank Background Trace Settings
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Iote: The test results alree Band Frequency Range Antenna polarity Spectrum Analyzer 1 Meet SA KEYSIGHT PASS 1 Spectrum Scale/Div 10 dB Log Trace 1 Pass 100 100 100 100 100 100 100 100 100 1	ady include the correction facto n260 75GHz-110GHz Vertical	r (corrections: On). Beam ID Channel Test distance Avg Type: Power (RMS) AvgHold>10/10 Trg: Free Run Mkr1 80.005 GH -50.61 dBr	Allowed



Image: Stop Freq Halos Image: Stop F	Band	n260	Beam ID	189	
Antenna polarity Horizontal Test distance 1m Coperative sectors Intent 20 del 10 million 1		y Range 110GHz-140GHz Channel			
Stop Freq 140.00000000000000000000000000000000000					
Stop Freq 140.000000000 GHz PASS Train Free Run Protection Ave Type: RMS Ave Type	Exercise Section Analyzer - Swept SA				
Log distriv Ref 10.00 dBm -33.351 dBm Res BW 1.0 MHz Sweep 37.07 ms (1001 pb) Stop 140.00 CHz Res BW 1.0 MHz Sweep 37.07 ms (1001 pb) Center 1 Note: The test results already include the correction factor (corrections: On). Eand n250 Band n250 Beam ID 189 Frequency Range 110.GHz-140GHz Channel Low Antenna polarity Vertical Test distance 1m Stop Freq 140.00000000 GHz Stop Freq 140.0000000 GHz Stop Freq 140.0000000 GHz Trace 1 m Log distance Im Stop Freq 140.00000000 GHz Stop Freq 140.0000000 GHz Stop Freq 140.0000000 GHz Conter </td <td>Stop Freq 140.0000000</td> <td>00 GHz PNO: Fast D Trig: Free Run</td> <td>Avg Type: RMS TRACE</td> <td>3456 Frequency</td>	Stop Freq 140.0000000	00 GHz PNO: Fast D Trig: Free Run	Avg Type: RMS TRACE	3456 Frequency	
Center F Center	10 dB/div Ref 10.00 dBm				
Start 110.00 CHz #Res BW 1.0 MHz #Res	0.00			Center Freq 125.00000000 GHz	
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Start 110.00 GHz #Rese BW 1.0 MHz #VBW 3.0 MHz* Stop 140.00 GHz Sweep 37.07 ms (1001 pts) Log Msci Israrus Israrus Israrus Israrus Israrus Note: The test results already include the correction factor (corrections: On). Band n260 Beam ID 189 Frequency Range 110GHz-140GHz Channel Low Antenna polarity Vertical Test distance 1m Stop Frequency Range Stop Fat Stop Fat 03:14:47 PM My 15,2019 Frequency PASS International context and the store and t	-70.0			Freq Offset 0 Hz	
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Note: The test results already include the correction factor (corrections: On). Band n260 Beam ID 189 Frequency Range 110GHz-140GHz Channel Low Antenna polarity Vertical Test distance 1m Keyight Spectrum Analyzer - Swept SA CORREC SENSE INT 03:14:47 PM May 15, 2019 Stop Freq 140.00000000 GHz SENSE INT Avg Type: RMS Trace 123:3339 dBm PASS IFGain:Low Trig: Free Run Avg Type: RMS Trace 123:3339 dBm 10 dB/div Ref 10.00 dBm -333.339 dBm 110.00000000 GHz -00 If Gain:Low Trig: Free Run -33.339 dBm 110.00000000 -00 If Gain:Low Trig: Free Run -33.339 dBm 100.00000000 -00 If Gain:Low Trig: Free Run -33.339 dBm 100.00000000 -00 If Gain:Low If Gain:Low Trig: Free Run -33.339 dBm -00 If Gain:Low If Gain:Low If Gain:Low If Gain:Low -00 If Gain:Low If Gain:Low If Gain:Low If Gain:Low </td <td>#Res BW 1.0 MHz</td> <td>#VBW 3.0 MHz*</td> <td>Sweep 37.07 ms (1001</td> <td>pts)</td>	#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	pts)	
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Antenna polarity Vertical Test distance 1m Keyäjät Spectrum Analyzer - Swept SA EXT MYER CORREC SENSE:INT 03:14:47 PM May 15, 2019 Frequency Stop Freq 140.000000000 GHZ PASS PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB Avg Type: RMS Avg Hold:>100/100 Tree IVANT TYPE IVANT Det Auto T 10 dB/div Ref 10.00 dBm					
Keysight Spectrum Analyzer - Swept SA CORREC SENSE:INT O3:14:47 PM May 15, 2019 Frequency Stop Freq 140.000000000 GHz PN0: Fast Trig: Free Run Avg Type: RMS TRACE 12:309 Frequency PASS IPGain:Low Trig: Free Run Avg Type: RMS Trace 12:500 Auto T 10 dB/div Ref 10.00 dBm					
Stop Freq 140.00000000 GHz Avg Type: RMS Trace 1 Pass Auto T 0 dB/div Ref 10.00 dBm -33.389 dBm Auto T 10 dB/div Ref 10.00 dBm -33.389 dBm Center F 0 d0 -30.00 -30.00 -30.00 -30.00 -30.00 -100 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -30.00 -40.00					
Indefinition Mkr1 110.12 GHz -33.389 dBm Auto T 10 dB/div Ref 10.00 dBm -33.389 dBm 125.0000000 100 Indefinition Indefinition Indefinition Indefinition 0.00 Indefinition Indefinition Indefinition Indefinition Indefinition Indefinition 0.00 Indefinition		00 GHz	Avg Type: RMS TRACE	3 4 5 6 Frequency	
Log Trace 1 Pass Center B 000	PASS		Mkr1 110.12	GHz Auto Tune	
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-60.0 -70.0 -60.0	have been and have been and the second secon			Stop Freq 140.0000000 GHz	
-70.0				CF Step 3.000000000 GHz <u>Auto</u> Man	
-80.0 Scale T				Freq Offset 0 Hz	
Start 110.00 GHz Stop 140.00 GHz			Stop 140.00	GHz Log Lin	
#Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 37.07 ms (1001 pts)	#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	pts)	
Msg status Note: The test results already include the correction factor (corrections: On).					



Band		n260	Bean	ı ID	189
Frequency Range	110G	Hz-140GHz	Char		Mid
Antenna polarity		orizontal	Test dis		1m
Keysight Spectrum Analyzer - Swept SA	AU	l and a start			- P
top Freq 140.0000000		Trig: Free Run	Avg Type: RMS Avg Hold:>100/100	03:19:58 PM May 15, 2019 TRACE 1 2 3 4 5	Frequency
ASS	PNO: Fast IFGain:Low	Atten: 20 dB			a state Trees
dB/div Ref 10.00 dBm			MI	r1 110.12 GHz -34.261 dBm	
Trace 1 Pass		Ť			Center Fre
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tart 110.00 GHz				Stop 140.00 GHz	Log <u>Li</u>
Res BW 1.0 MHz	#VBW	3.0 MHz*	Sweep 3	7.07 ms (1001 pts	
te: The test results alrea	adv include th	e correction fact			
Band		n260	Bean		189
Frequency Range	110G	Hz-140GHz	Char	inel	Mid
Antenna polarity		Vertical	Test dis		1m
Keysight Spectrum Analyzer - Swept SA	CORREC	SENSE:INT		03:24:00 PM May 15, 2019	
top Freq 140.0000000		Trig: Free Run	Avg Type: RMS Avg Hold:>100/100	TRACE 1 2 3 4 5 TYPE M WWWW	Frequency
ASS	IFGain:Low	Atten: 20 dB	MI	(r1 110.12 GHz	
dB/div Ref 10.00 dBm				-33.844 dBm	
Trace 1 Pass					Center Fre
0.00					125.00000000 GH Start Fre
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0.0 0.0 1 0.0 0.0 0.0 0.0 0.0 0.				Stop 140.00 GHz	125.0000000 GH Start Fre 110.0000000 GH 140.0000000 GH 140.0000000 GH CF Ste 3.00000000 GH Auto Ma Freq Offse 0H Scale Typ Log Li
	#VBW	f 3.0 MHz*	Sweep 3	Stop 140.00 GHz 7.07 ms (1001 pts	125.0000000 GH Start Fre 110.0000000 GH Stop Fre 140.0000000 GH CF Ste 3.00000000 GH Auto Ma Freq Offse OH Scale Typ Log Li



Band	n260	Beam ID	189
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA			- 6
Stop Freq 140.0000000 PASS	CORREC SENSE:INT PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB	03:29:48 PM May 1 Avg Type: RMS TRACE Avg Hold:>100/100 TVPE M DET AN DET AN	3 4 5 6 MANANA
10 dB/div Ref 10.00 dBm		Mkr1 110.87 (-34.165 d	GHz Auto Tune IBm
0.00			Center Freq 125.00000000 GHz
-10.0			Start Freq 110.00000000 GHz
-40.0	and the second		Stop Freq 140.00000000 GHz
-50.0			CF Step 3.000000000 GHz <u>Auto</u> Man
-70.0			Freq Offset 0 Hz
		Stop 140.00	GHZ Log Lin
Start 110.00 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	pts)
MSG		STATUS	
	ady include the correction factor		
Band	n260	Beam ID	189
Frequency Range	110GHz-140GHz	Channel	High
Antenna polarity	Vertical	Test distance	1m
Keysight Spectrum Analyzer - Swept SA	PNO: Fast 🕞 Trig: Free Run	03:37:57 PM May 1 Avg Type: RMS TRACE 1 2 Avg Hold:>100/100 TYPE M	3 4 5 6 MMMM NNNN
10 dB/div Ref 10.00 dBm	IFGain:Low Atten: 20 dB	Mkr1 110.12 (-34.248 d	GHz Select Trace
0.00			Clear Write
-20.0			Trace Average
-40.0	milenen and a second	and the same of the same state	Max Hold
-50.0			Min Hold
-50.0 -60.0 -70.0			Min Hold View Blank Trace On
-60.0		Stop 140.00	View Blank Trace On More
-60.0	#VBW 3.0 MHz*	Stop 140.00 Sweep 37.07 ms (1001	View Blank Trace On More 1 of 3



Band	n260	Beam ID	61+189
	110GHz-140GHz		
Frequency Range		Channel	Low
Antenna polarity Keysight Spectrum Analyzer - Swept SA	Horizontal	Test distance	1m
EXT MIXER	CORREC SENSE:INT	Avg Type: RMS TRACE	
top Freq 140.0000000 ASS	PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB	AvalHold:>100/100 TYPE	
	in Game Court	Mkr1 110.1	8 GHz Auto Tune
0 dB/div Ref 10.00 dBm		-35.26	7 dBm
Trace 1 Pass			Center Fred
0.00			125.00000000 GHz
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			CF Step
50.0			3.000000000 GHz Auto Mar
50.0			Auto
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/0.0			0 Hi
30.0			Scale Type
tart 110.00 GHz Res BW 1.0 MHz	#VBW 3.0 MHz*	Stop 140. Sweep 37.07 ms (1	
	#VBW 3.0 MHz*	Stop 140 Sweep 37.07 ms (1 status	.00 GHz L ^{og} Lir 001 pts)
Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1)	.00 GHz L ^{log} Lir 001 pts)
Res BW 1.0 MHz		Sweep 37.07 ms (1)	61+189
Res BW 1.0 MHz sa ote: The test results alre	ady include the correction fac	Sweep 37.07 ms (1) status tor (corrections: On).	001 pts)
Res BW 1.0 MHz sa ote: The test results alrea Band	ady include the correction fac n260	tor (corrections: On). Beam ID	61+189
Res BW 1.0 MHz so bte: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA	ady include the correction fac n260 110GHz-140GHz Vertical	tor (corrections: On). Beam ID Channel Test distance	61+189 Low 1m
Res BW 1.0 MHz ote: The test results alrea Band Frequency Range Antenna polarity	ady include the correction fac n260 110GHz-140GHz Vertical	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance 05:12:50 PM M Avg Type: RMS	001 pts) 61+189 Low 1m Frequency
Res BW 1.0 MHz s a bte: The test results alree Band Frequency Range Antenna polarity Ext MDER EXT MDER	ady include the correction fac n260 110GHz-140GHz Vertical	Sweep 37.07 ms (10 status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 Tracel DET	61+189 Low 1m Hay 15, 2019 Frequency
Res BW 1.0 MHz so bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.000000000 ASS	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	601 pts) 61+189 Low 1m Hay 15, 2019 Frequency Auto Tune
Res BW 1.0 MHz so bte: The test results alread Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.00000000 CASS O dB/div Ref 10.00 dBm	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (10 status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 Tracel DET	601 pts) 61+189 Low 1m 4ay 15, 2019 Frequency ANNNN Auto Tune
Res BW 1.0 MHz sa bte: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.00000000 ASS 0 dB/div Ref 10.00 dBm 9 Trace 1 Pass	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m Hay 15, 2019 Frequency ANNINN A Auto Tune O dBm Center Frequency
Res BW 1.0 MHz so bte: The test results alread Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.00000000 CASS O dB/div Ref 10.00 dBm	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m Hay 15, 2019 Frequency ANNNN Auto Tune
Res BW 1.0 MHz sa bte: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.00000000 ASS 0 dB/div Ref 10.00 dBm 9 Trace 1 Pass	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m Frequency Any 15, 2019 Frequency Auto Tune 0 dBm Center Freq 125,00000000 GH:
Res BW 1.0 MHz sa ote: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.000000000 ASS 0 dB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m Im Im I GHz O dBm Center Frequency Center Frequency Start Frequency
Res BW 1.0 MHz a bite: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Bitop Freq 140.000000000 ASS OdB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m Im Im I GHz O dBm Center Frequency Center Frequency Start Frequency
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Res BW 1.0 MHz a bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COP Freq 140.000000000 CASS O dB/div Ref 10.00 dBm COP Trace 1 Pass COP Trace 1 Pas COP Trace 1 Pass COP Trace 1 Pass COP Trace 1	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m Auto Tune Center Free 125.0000000 GH Start Free 110.0000000 GH CF Step
Res BW 1.0 MHz a b te: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER B top Freq 140.000000000 ASS OdB/div Ref 10.00 dBm Trace 1 Pass D top I I I I I I I I I I I I I I I I I I I	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	001 pts) 61+189 Low 1m 12345 Frequency ANNNN Center Frequency Start Frequency Start Frequency Start Frequency Start Frequency Center Frequency Start Frequency Center Frequency Start Frequency Start Frequency Stop Start Frequency Start Frequency S
Res BW 1.0 MHz a bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COP Freq 140.000000000 CASS O dB/div Ref 10.00 dBm COP Trace 1 Pass COP Trace 1 Pas COP Trace 1 Pass COP Trace 1 Pass COP Trace 1	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	001 pts) 61+189 Low 1m 12345 Frequency ANNNN Center Frequency Start Frequency Start Frequency Start Frequency Start Frequency Center Frequency Start Frequency Start Frequency Center Frequency Start Frequency Stop Start Frequency Stop Frequency Stop Frequency Stop Start Frequency Stop Start
Res BW 1.0 MHz a bit: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COD Freq 140.000000000 CASS O dB/div Ref 10.00 dBm	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	001 pts) 61+189 Low 1m 12345 Frequency ANNNN Center Freq 125.0000000 GH; Start Freq 110.00000000 GH; Stop Freq 140.0000000 GH; CF Step 3.00000000 GH; Auto The stop freq 110.00000000 GH; Stop Freq 140.00000000 GH; Auto The stop freq Stop Freq Stop Freq 140.00000000 GH; Auto Mar Freq Office
Res BW 1.0 MHz a bite: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COP Freq 140.000000000 CASS O dB/div Ref 10.00 dBm	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	001 pts) 61+189 Low 1m 12345 Frequency ANNNN Center Freq 125.0000000 GH; Start Freq 110.00000000 GH; Stop Freq 140.0000000 GH; CF Step 3.00000000 GH; Auto The stop freq 110.00000000 GH; Stop Freq 140.00000000 GH; Auto The stop freq Stop Freq Stop Freq 140.00000000 GH; Auto Mar Freq Office
Res BW 1.0 MHz a bit: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COD Freq 140.000000000 CASS O dB/div Ref 10.00 dBm	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	61+189 Low 1m 4ay 15, 2019 Frequency ANNNN Center Freq 12.3.4.5 Center Freq 12.5.00000000 GH; Start Freq 110.00000000 GH; Stop Freq 140.00000000 GH; CF Step 3.00000000 GH; Auto The stop Freq Composition Stop Freq 140.00000000 GH; Auto Mar Freq Offse Offse
Res BW 1.0 MHz The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COP Freq 140.000000000 ASS Od B/div Ref 10.00 dBm Trace 1 Pass Trace 1 Pas Trace 1 Pass Trace 1 Pass Trace 1 Pass Trace 1 Pass	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (10 status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE Avg Hold:>100/100 Mkr1 110.2 -35.38	001 pts) 61+189 Low 1m 12345 Frequency Annon Center Frequency Start Frequency Start Frequency Start Frequency Start Frequency Start Frequency Frequency Frequency Frequency Start Frequency Start Freq 10.00000000 GH2 Auto Maria Freq Offse Scale Type
Res BW 1.0 MHz a bit: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER COD Freq 140.000000000 CASS O dB/div Ref 10.00 dBm O Trace 1 Pass D O CO C	ady include the correction fac n260 110GHz-140GHz Vertical CORREC CORREC CORREC SENSE:INT OGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (1) status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS Trace Type Det Mkr1 110.2	001 pts) 61+189 Low 1m Im



Band	n260	Beam ID	61+189
Frequency Range	110GHz-140GHz	Channel	Mid
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA			
top Freq 140.000000	CORREC SENSE:INT	Avg Type: RMS TRACE	3456 Frequency
ASS	PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB	Avg Hold:>100/100 TYPE M	
		Mkr1 110.27	
o dB/div Ref 10.00 dBm	1	-35.154 (BM
Trace 1 Pass			Center Fred
0.00			125.00000000 GH;
10.0			
			Start Free 110.00000000 GH
20.0			
30.0 21			Stop Free
marken marken and a second			140.00000000 GH
40.0	والمراجع والمراجع والمستعلم والمعالية والمستعلم والمستعلم والمعار والمعار والمعار والمعار والمعار والمعار والمعار	and a sub-ond for the addression of a new for an and the second of the s	
50.0			CF Step 3.00000000 GH
50.0			<u>Auto</u> Mar
			Eres Official
70.0			Freq Offse
30.0			
			Scale Type
tart 110.00 GHz		Stop 140.00	GHz Log Lir
Res BW 1.0 MHz	#VBW 3.0 MHz*	Stop 140.00 Sweep 37.07 ms (100	GHz ^{Log} Lir 1 pts)
Res BW 1.0 MHz		Sweep 37.07 ms (100 STATUS	GHz L ^{og} Lir I pts)
Res BW 1.0 MHz so ote: The test results alre	eady include the correction fac	Sweep 37.07 ms (100 status ctor (corrections: On).	1 pts)
Res BW 1.0 MHz sa ote: The test results alre Band	eady include the correction fac n260	Sweep 37.07 ms (100 status ctor (corrections: On). Beam ID	1 pts) 61+189
Res BW 1.0 MHz ote: The test results alre Band Frequency Range	eady include the correction fac n260 110GHz-140GHz	Sweep 37.07 ms (100 status ctor (corrections: On). Beam ID Channel	1 pts) 61+189 Mid
Res BW 1.0 MHz ote: The test results alre Band Frequency Range Antenna polarity	eady include the correction fac n260 110GHz-140GHz Vertical	Sweep 37.07 ms (100 status ctor (corrections: On). Beam ID	1 pts) 61+189 Mid 1m
Res BW 1.0 MHz so bte: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER	eady include the correction fac n260 110GHz-140GHz Vertical	Sweep 37.07 ms (100 status ctor (corrections: On). Beam ID Channel Test distance	1 pts) 61+189 Mid 1m
Res BW 1.0 MHz so bte: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA	eady include the correction fac n260 110GHz-140GHz Vertical	Sweep 37.07 ms (100 status ctor (corrections: On). Beam ID Channel Test distance	1 pts) 61+189 Mid 1m 5,2019 Frequency
Res BW 1.0 MHz te: The test results alre Band Frequency Range Antenna polarity Ext MIXER top Freq 140.0000000 ASS	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5,2019 Frequency Auto Tune
Res BW 1.0 MHz sq te: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIDER	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance	1 pts) 61+189 Mid 1m 5,2019 Frequency Auto Tune
Res BW 1.0 MHz so bte: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 140.0000000 ASS	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	1 pts) 61+189 Mid 1m 5,2019 Frequency Auto Tune Center Freq
Res BW 1.0 MHz sq bte: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER top Freq 140.0000000 ASS od B/div Ref 10.00 dBm	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	1 pts) 61+189 Mid 1m 5,2019 Frequency Auto Tune Center Freq
Res BW 1.0 MHz te: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Od B/div Ref 10.00 dBm Trace 1 Pass	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5,2019 Frequency Auto Tune Center Free 125,0000000 GH Start Free
Res BW 1.0 MHz te: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Od B/div Ref 10.00 dBm Trace 1 Pass	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5,2019 Frequency Auto Tune Center Freq 125,00000000 GH Start Freq
Res BW 1.0 MHz te: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Od B/div Ref 10.00 dBm Trace 1 Pass	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	1 pts) 61+189 Mid 1m 5,2019 Frequency Auto Tune 125.00000000 GH Start Freq 110.00000000 GH
Res BW 1.0 MHz science scienc	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	1 pts) 61+189 Mid 1m 5,2019 Frequency Auto Tune 125.00000000 GH Start Freq 110.00000000 GH
Res BW 1.0 MHz science in the test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext Mixer top Freq 140.0000000 ASS O dB/div Ref 10.00 dBm Trace 1 Pass 0 0 dB/div alree in the set of the set	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	1 pts) 61+189 Mid 1m 5.2019 Frequency MINN GHz Center Frequency Start Frequency Start Frequency Start Frequency Start Frequency Start Frequency Center Frequency Center Frequency Start Frequency Center Frequency Center Frequency Start Frequency Center Frequency Center Frequency Center Frequency Start Frequency Center Frequency Center Frequency Center Frequency Start Frequency Center Frequency Center Frequency Start Frequency Center Frequency Center Frequency Start Frequency Center Frequency Midual Start Frequency Start Frequency Center Frequency Start Frequency Center Frequency Start Frequency Start Frequency
Res BW 1.0 MHz s G bte: The test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MixER COP Freq 140.0000000 ASS OdB/div Ref 10.00 dBm COP Trace 1 Pass COP Trace 1 Pas COP Trace 1 Pass COP Trace 1 Pas COP Trace 1 Pas	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5.2019 Frequency Auto Tune Center Free 125.00000000 GH: Start Free 140.00000000 GH: CF Step 3.000000000 GH:
Res BW 1.0 MHz science in the test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext Mixer top Freq 140.0000000 ASS O dB/div Ref 10.00 dBm Trace 1 Pass 0 0 dB/div alree in the set of the set	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5.2019 Frequency Auto Tune Center Free 125.00000000 GH Start Free 110.00000000 GH Stop Free 140.00000000 GH
Res BW 1.0 MHz test results alre Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MIXER Code Freq 140.0000000 CASS CODE Freq 19.00 dBm Code Code Code Code Code Code Code Code	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5.2019 Frequency Auto Tune Center Free 125.00000000 GH Start Free 140.00000000 GH Stop Free 140.0000000 GH
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5.2019 Frequency Auto Tune Center Free 125.00000000 GH Start Free 140.00000000 GH Stop Free 140.0000000 GH
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE OF TYPE OF Avg Hold:>100/100	61+189 Mid 1m 5,2019 Frequency Auto Tune Center Freq 125.0000000 GH: Start Freq 140.0000000 GH: Stop Free 140.0000000 GH: Auto Mar Freq Offse 015
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT PH2: Free Run Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 STATUS Ctor (corrections: On). Beam ID Channel Test distance OS:29:23 PM May Avg Type: RMS AvgHold:>100/100 Mkr1 110.21 -35.110 Mkr1 10.21 -35.110 Mkr1 10.21 -35.110	1 pts) 61+189 Mid 1m 5.2019 Frequency Min Center Freq 125.00000000 GH2 Start Freq 110.00000000 GH2 Stop Freq 140.00000000 GH2 Stop Freq 140.00000000 GH2 Auto Stop Freq 140.00000000 GH2 Auto Mar Freq Offse OHz Log
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s	eady include the correction fac n260 110GHz-140GHz Vertical CORREC SENSE:INT OU GHZ IFGain:Low Trig: Free Run Atten: 20 dB	Sweep 37.07 ms (100 status ctor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 TRACE TYPE OS:29:23 PM May TRACE TYPE OS:29:23 PM May TYPE OS:29:23 PM May TRACE TYPE OS:29:23 PM May TRACE TYPE OS:29:23 PM May TYPE	1 pts) 61+189 Mid 1m 5.2019 Frequency Min Auto Tune Center Frequency Start Frequency Start Frequency Stop Frequency Stop Frequency Center Frequency Start Frequency Stop Frequency Stop Frequency Stop Freq 140.00000000 GHz Stop Freq 140.00000000 GHz Stop Freq Stop Freq Stop Freq 140.00000000 GHz Stop Freq



Band	n260		Bean	n ID	61+189
Frequency Range	110GHz-1400	GH7	Char		High
Antenna polarity	Horizonta	-	Test dis		1m
Keysight Spectrum Analyzer - Swept SA	Honzonta			Janee	
Stop Freq 140.0000000		eRun Av	vg Type: RMS vg Hold:>100/100	05:35:58 PM May 15, TRACE 1 2 3 TYPE MWW DET A N N	Frequency
10 dB/div Ref 10.00 dBm			M	kr1 110.36 G -35.258 dE	Hz Auto Tune Bm
0.00					Center Freq 125.00000000 GHz
-10.0					Start Freq 110.00000000 GHz
-30.0 -1		a Loo Bergeron a grande de conse	an falling an an the first start and the		Stop Freq 140.00000000 GHz
-60.0					CF Step 3.00000000 GHz <u>Auto</u> Man
-70.0					Freq Offset 0 Hz
					Scale Type
Start 110.00 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	**	Sweep 3	Stop 140.00 G 7.07 ms (1001 p	Hz Log Lin
MSG			STATUS		
	ady include the correc	tion factor (c			
MSG	ady include the correc n260	tion factor (c		ı).	61+189
MSG Note: The test results alrea			corrections: Or	n). n ID	61+189 High
MSG Note: The test results alre Band	n260		corrections: Or Bean	n). n ID nnel	
Note: The test results alree Band Frequency Range Antenna polarity	n260 110GHz-1400 Vertical	GHz	corrections: Or Bean Char	n ID nel stance	High 1m
Note: The test results alrea Band Frequency Range Antenna polarity	n260 110GHz-1400 Vertical		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	I). n ID nnel stance	High 1m Frequency
Note: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Kallow Freq 140.000000000 PASS	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	I). n ID nnel stance	High 1m 2019 Frequency HZ Auto Tune
Note: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 140.000000000 PASS	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	0). n ID nnel stance 05:39:13 PM May 15, TRACE 12 3 TRACE 12 3 TRACE 12 3 TRACE NN Kr1 110.21 G	High 1m 2019 Frequency HZ Auto Tune
Note: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 140.000000000 PASS	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	0). n ID nnel stance 05:39:13 PM May 15, TRACE 12 3 TRACE 12 3 TRACE 12 3 TRACE NN Kr1 110.21 G	High 1m Frequency Auto Tune Center Freq
Note: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 140.000000000 PASS	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	0). n ID nnel stance 05:39:13 PM May 15, TRACE 12 3 TRACE 12 3 TRACE 12 3 TRACE NN Kr1 110.21 G	High 1m 2019 Frequency Auto Tune Center Freq 125.00000000 GHz Start Freq
Note: The test results alree Band Frequency Range Antenna polarity Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 140.000000000 PASS	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	0). n ID nnel stance 05:39:13 PM May 15, TRACE 12 3 TRACE 12 3 TRACE 12 3 TRACE NN Kr1 110.21 G	High 1m Frequency Auto Tune Center Freq 125.00000000 GHz Start Freq 110.00000000 GHz
Note: The test results alree Band Frequency Range Antenna polarity Antenna polarity EXT MIXER Stop Freq 140.00000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -30.0 -10.0 -20.0 -30.0 -10.0 -20.0 -30.0 -10.0 -20.0	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	0). n ID nnel stance 05:39:13 PM May 15, TRACE 12 3 TRACE 12 3 TRACE 12 3 TRACE NN Kr1 110.21 G	High 1m 2019 Frequency Auto Tune Center Freq 125.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.000000000 GHz
Note: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA X EXT MIXER Stop Freq 140.00000000 PASS 10 dB/div Ref 10.00 dBm Comparison 10 dB/div Ref 10.00 dBm 10 dB/div Ref 10.00 dBm 1	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100	n ID nnel stance	High 1m Prequency Auto Tune Center Freq 125.00000000 GHz Stop Freq 140.00000000 GHz CF Step 3.00000000 GHz Auto Man Freq Offset 0Hz Scale Type
Note: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 140.00000000 PASS 10 dB/div Ref 10.00 dBm Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -10.0 -5	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast Trig: Fre IFGain:Low		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100 MI	n). n ID innel stance 05:39:13 PM May 15, TRACE 12 TRACE 05:39:13 PM May 15, TRACE 05:39:13 PM May 15, TRACE 140.00 G	High 1m Frequency Auto Tune Center Freq 125.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.00000000 GHz Auto Man Freq Offset 0 Hz Log Lin
Note: The test results alree Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 140.000000000 PASS 10 dB/div Ref 10.00 dBm Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -10.0 -20.0 -30.0 -10.0 -20.0 -30.0 -10.0 -20.0 -30.0 -30.0 -40.0 -20.0 -30.0 -40.0 -	n260 110GHz-1400 Vertical CORREC SE DO GHZ PNO: Fast IFGain:Low Trig: Fre Atten: 2		corrections: Or Bean Char Test dis vg Type: RMS rg Hold:>100/100 MI). n ID nnel stance 05:39:13 PM May 15, TRACE 05:39:13 PM May 15, TRACE 23 TYPE DET NNN Kr1 110.21 G -35.266 dE	High 1m Frequency Auto Tune Center Freq 125.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.00000000 GHz Auto Man Freq Offset 0 Hz Log Lin



Devel	- 000	De em ID	400
Band	n260	Beam ID	189
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m
Stop Freq 170.0000000	CORREC SENSE:INT O GHZ PNO: Fast Trig: Free Run	03:03:53 PM May 15 Avg Type: RMS TRACE 2 Avg Hold:>100/100 TYPE	Frequency
PASS	IFGain:Low Atten: 20 dB	Mkr1 168.77 0	Hz Auto Tune
10 dB/div Ref 10.00 dBm	· · · · · · · · · · · · · · · · · · ·	-36.453 d	Bm
0.00			Center Freq 155.0000000 GHz
-10.0			Start Freq 140.00000000 GHz
-30.0	aure prove of the second run more of		1 Stop Freq 170.00000000 GHz
-50.0			CF Step 3.00000000 GHz <u>Auto</u> Man
-60.0			Freq Offset 0 Hz
-80.0 Start 140.00 GHz		Stop 170.00	Scale Type
#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	
MSG		STATUS	
	ady include the correction factor n260	Beam ID	189
Band	140GHz-170GHz	Channel	
Frequency Range Antenna polarity	Vertical	Test distance	Low 1m
Keysight Spectrum Analyzer - Swept SA	Vertical		
Stop Freq 170.0000000	CORREC SENSE:INT PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB	03:09:29 PM May 1 Avg Type: RMS TRACE Avg Hold:>100/100 TYPE DET A N	H 5 6 Frequency
10 dB/div Ref 10.00 dBm	. Gameon	Mkr1 169.97 (-36.398 d	
0.00			Center Freq 155.00000000 GHz
-10.0			Start Freq 140.00000000 GHz
-30.0			1- Stop Freq 170.00000000 GHz
-50.0			CF Step 3.00000000 GHz Auto Man
-70.0			Freq Offset 0 Hz
-80.0 Start 140.00 GHz		Stop 170.00	Scale Type
#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	pts)
MSG		STATUS	
Note: The test results alre			



Band	n	260	Bear	m ID	189
Frequency Range	140GHz	z-170GHz	Cha	nnel	Mid
Antenna polarity	Hori	zontal	Test di	stance	1m
Keysight Spectrum Analyzer - Swept SA	CORREC	SENSE:INT		03:17:22 PM May 15, 20	
Stop Freq 170.00000000	PNO: Fast	Trig: Free Run	Avg Type: RMS Avg Hold:>100/100	TRACE 1 2 3 4 TYPE MWWW DET A N N N	5.6 Frequency
PASS	IFGain:Low	Atten: 20 dB	M	kr1 169.40 GI	Auto Tuno
10 dB/div Ref 10.00 dBm				-36.698 dB	m
0.00					Center Freq
0.00					155.0000000 GHz
-10.0					Start Freq
-20.0					140.0000000 GHz
-30.0					Oton From
		and the set of the second s		and the second s	Stop Freq 170.00000000 GHz
-40.0					
-50.0					CF Step 3.00000000 GHz
-60.0					Auto Man
-70.0					Freq Offset
-70.0					0 Hz
-80.0					Scale Type
Start 140.00 GHz				Stop 170.00 GI	
#Res BW 1.0 MHz	#VBW 3.	0 MHz*	Sweep 3	7.07 ms (1001 p	
Note: The test results alread	dy include the	oorrootion fact	statu:		
Band		260	Bear		189
Frequency Range		z-170GHz	Cha		
Trequency Range				nnol	Mid
Antenna polarity					Mid 1m
Antenna polarity		rtical	Test di		Mid 1m
			Test di	o3:22:35 PM May 15, 2/	1m Frequency
Keysight Spectrum Analyzer - Swept SA		rtical	Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 2 3 4 TYPE M	1m Frequency
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS			Test di Avg Type: RMS Avg Hold:>100/100	o3:22:35 PM May 15, 2/	1m Frequency Auto Tune
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS Odd B/div Ref 10.00 dBm Og Trace 1 Pass 0.00 -10.0			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.0000000 GHz Start Freq
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS Odd B/div Ref 10.00 dBm Og Trace 1 Pass 0.00 -10.0			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS Odd B/div Ref 10.00 dBm Og Trace 1 Pass 0.00 -10.0 -20.0			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz
Keysight Spectrum Analyzer - Swept SA Xi EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm og Trace 1 Pass 0.00			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz
Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm -00 Trace 1 Pass -10.0			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz Stop Freq 170.00000000 GHz
Keysight Spectrum Analyzer - Swept SA X2 EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm og Trace 1 Pass 0.00			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz Stop Freq 170.00000000 GHz
Keysight Spectrum Analyzer - Swept SA X2 EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm 0.00 Trace 1 Pass 0.00			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz Stop Freq 170.00000000 GHz
Keysight Spectrum Analyzer - Swept SA Xi EXT MIXER Stop Freq 170.000000000 PASS Io dB/div Ref 10.00 dBm Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -70.0			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz Stop Freq 170.00000000 GHz CF Step 3.000000000 GHz Auto Man
Keysight Spectrum Analyzer - Swept SA Xi EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm 0.00 Trace 1 Pass 0.00 Image: Second Se			Test di Avg Type: RMS Avg Hold:>100/100	03:22:35 PM May 15, 2 TRACE 1 2 3 4 TYPE NNN DET NNN kr1 169.46 G	1m Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz Stop Freq 170.00000000 GHz CF Step 3.000000000 GHz Auto Man
Keysight Spectrum Analyzer - Swept SA Stop Freq 170.000000000 PASS Io dB/div Ref 10.00 dBm og Trace 1 Pass 0.00	Ve	rtical	Test di Avg Type: RMS Avg Hold:>100/100	Stop 170.00 G	1m Frequency Auto Tune Center Freq 155.0000000 GHz Start Freq 140.0000000 GHz Stop Freq 170.0000000 GHz Auto Man Freq Offset 0 Hz Scale Type Log Lin
Keysight Spectrum Analyzer - Swept SA Ext MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm og Trace 1 Pass 0.00		rtical	Test di Avg Type: RMS Avg Hold:>100/100	stance	1m Frequency Auto Tune Center Freq 155.0000000 GHz Start Freq 140.0000000 GHz Stop Freq 170.0000000 GHz Auto Man Freq Offset 0 Hz Scale Type Log Lin



Band	n260	Beam ID	189
Frequency Range	140GHz-170GHz		
. , , ,		140GHz-170GHz Channel Horizontal Test distance	
Antenna polarity Keysight Spectrum Analyzer - Swept SA	Holizofitai	Test distance	1m
EXT MIXER Stop Freq 170.00000000	CORREC SENSE:INT DO GHZ PNO: Fast C IFGain:Low Atten: 20 dB	Avg Type: RMS Avg Hold:>100/100 Der Avg	5,2019 3 4 5 0 Frequency
10 dB/div Ref 10.00 dBm	II GUINEON	Mkr1 168.23 -36.607 c	GHz Auto Tune IBm
0.00			Center Freq 155.00000000 GHz
-10.0			Start Freq 140.00000000 GHz
-40.0			1 Stop Freq 170.00000000 GHz
-50.0			CF Step 3.000000000 GHz <u>Auto</u> Man
-70.0			Freq Offset 0 Hz
-60.0			Scale Type
Start 140.00 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz*	Stop 170.00 Sweep 37.07 ms (100	GHz Log Lin pts)
MSG		STATUS	
Note: The test results alre	ady include the correction factor	or (corrections: On).	
Band	n260	Beam ID	189
Dunu	11200	Deannib	109
Frequency Range	140GHz-170GHz	Channel	High
Frequency Range Antenna polarity	140GHz-170GHz Vertical	Channel Test distance	High 1m
Frequency Range Antenna polarity	140GHz-170GHz Vertical	Channel Test distance	High 1m 5, 2019 Frequency
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freg 170.00000000	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 Frequency Auto Tune
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5, 2019 Frequency Auto Tune
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.00000000 PASS	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 Frequency Auto Tune Bm Center Freq
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq
Frequency Range Antenna polarity EXT MIXER Stop Freq 170.00000000 PASS	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.00000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -50.0 -50.0 -70.0	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.000000000 GHz
Frequency Range Antenna polarity Ext mixer Stop Freq 170.00000000 PASS 10 dB/div Ref 10.00 dBm -0.00	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 34.5 co GHz GHz GHz Center Freq 155.00000000 GHz 155.00000000 GHz 160.0000000 GHz CF Step 3.000000000 GHz Auto Tune Center Freq 155.00000000 GHz CF Step 3.000000000 GHz Auto Man Freq Offset OHz
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.00000000 PASS 10 dB/div Ref 10.00 dBm Cog Trace 1 Pass 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -50.0 -70.0	140GHz-170GHz Vertical 00 GHz PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance	High 1m 5,2019 Frequency Auto Tune GHz Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.000000000 GHz CF Step 3.000000000 GHz CF Step 3.000000000 GHz Man Freq Offset 0 Hz Scale Type Log Lin
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm -0.00	140GHz-170GHz Vertical CORREC SENSE:INT DOGHZ PNO: Fast IFGain:Low Trig: Free Run Atten: 20 dB	Channel Test distance Avg Type: RMS Avg Hold:>100/100 103:35:28 PM May 1 TRACE 12 TRACE	High 1m 5,2019 Frequency Auto Tune GHz Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.000000000 GHz CF Step 3.000000000 GHz CF Step 3.000000000 GHz Man Freq Offset 0 Hz Scale Type Log Lin



Band	n260	Beam ID	61+189
Frequency Range	140GHz-170GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA	Honzontal		
Stop Freq 170.00000000	CORREC SENSE:INT O GHZ PNO: Fast IFGain:Low Atten: 20 dB	Avg Type: RMS Avg Hold:>100/100 Det A	3 4 5 6 Frequency
10 dB/div Ref 10.00 dBm	IFGall.Low Atten. 20 dB	Mkr1 169.34 -37.233 c	GHz Auto Tune IBm
0.00 Trace 1 Pass			Center Freq 155.0000000 GHz
-10.0			Start Freq
-20.0			140.0000000 GHz
-30.0			Stop Freq 170.00000000 GHz
-50.0			CF Step 3.00000000 GHz Auto Man
-70.0			Freq Offset
-80.0			0 Hz
Start 140.00 GHz		Stop 170.00	GHz Log Lin
#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001	pts)
MSG	ady include the correction factor	status	
Band	n260	Beam ID	61+180
Band Erequency Range	n260	Beam ID Channel	61+189
Frequency Range	140GHz-170GHz	Channel	Low
Frequency Range Antenna polarity	140GHz-170GHz Vertical	Channel Test distance	Low 1m
Frequency Range Antenna polarity	140GHz-170GHz Vertical	Channel	Low 1m 5, 2019 Frequency
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS	140GHz-170GHz Vertical	Channel Test distance	Low 1m 5, 2019 Frequency GHz Auto Tune
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS	140GHz-170GHz Vertical	Channel Test distance	Low 1m 5, 2019 Frequency Auto Tune
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.000000000 PASS	140GHz-170GHz Vertical	Channel Test distance	Low 1m 5,2019 Frequency Auto Tune Bm Center Freq
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 170.00000000 PASS Odd B/div Ref 10.00 dBm Trace 1 Pass Odd Frace 1 Pass Odd Frace 1 Pass Odd Frace 1 Pass Odd Frace 1 Pass	140GHz-170GHz Vertical	Channel Test distance	Low 1m 5,2019 Frequency Auto Tune Center Freq 155,0000000 GHz Start Freq
Frequency Range Antenna polarity Image: Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm -00 Trace 1 Pass 000 10.0 -10.0 10.0 -30.0 10.0 -40.0 10.0	140GHz-170GHz Vertical	Channel Test distance	LOW 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 170.000000000 PASS Odd B/div Ref 10.00 dBm Trace 1 Pass Odd PAS	140GHz-170GHz Vertical	Channel Test distance	LOW 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.000000000 GHz
Frequency Range Antenna polarity Stop Freq 170.000000000 PASS 10 dB/div Ref 10.00 dBm -00 Trace 1 Pass -10.0	140GHz-170GHz Vertical	Channel Test distance	LOW 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.00000000 GHz Auto Man Freq Offset
Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Stop Freq 170.00000000 PASS 10 dB/div Ref 10.00 dBm 10 dB/div Ref 10.00 dBm -10.0	140GHz-170GHz Vertical	Channel Test distance	Low Low 1m 5,2019 Frequency Auto Tune Center Freq 155.00000000 GHz Start Freq 140.00000000 GHz CF Step 3.00000000 GHz Auto Man Freq Offset OHz Log Lin



Band	n260	Beam ID	61+189
Frequency Range	140GHz-170GHz	Channel	Mid
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA	TIONZONIA		
EXT MIXER	CORREC SENSE:INT	05:24:53 PM May 1 Avg Type: RMS TRACE	3456 Frequency
ASS	PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB	Avg Hold:>100/100 TYPE MH	
		Mkr1 167.87	
0 dB/div Ref 10.00 dBm		-37.138 (IBm
Trace 1 Pass			Center Free
0.00			155.0000000 GH
10.0			
20.0			Start Free 140.00000000 GH
20.0			
30.0			Stop Free
40.0 martine martine the second	and the second	and a solution of a second many and a second s	170.0000000 GH
50.0			CF Ster 3.000000000 GH
50.0			Auto Ma
			FreqOffse
70.0			0 H
80.0			
			Scale Type
start 140.00 GHz		Stop 170.00	0112
Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (100	0112
Res BW 1.0 MHz		Sweep 37.07 ms (100 STATUS	0112
Res BW 1.0 MHz	#VBW 3.0 MHz* ady include the correction fact n260	Sweep 37.07 ms (100 STATUS	0112
Res BW 1.0 MHz sa ote: The test results alrea Band	ady include the correction fact	Sweep 37.07 ms (100' status tor (corrections: On).	
Res BW 1.0 MHz sg bte: The test results alrea Band Frequency Range	ady include the correction fact n260	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID	61+189
Res BW 1.0 MHz sci bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100 status tor (corrections: On). Beam ID Channel Test distance	61+189 Mid 1m
Res BW 1.0 MHz sq bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100'	61+189 Mid 1m 5,2019 Frequency
Res BW 1.0 MHz sg bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100 status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Hold:>100/100 Trace	61+189 Mid 1m 5,2019 Frequency
Res BW 1.0 MHz sq ote: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER top Freq 170.00000000 ASS 0 dB/div Ref 10.00 dBm	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100'	61+189 Mid 1m 5,2019 Frequency Auto Tun
Res BW 1.0 MHz sci bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5.2019 Frequency Auto Tun
Res BW 1.0 MHz sci bte: The test results alread Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER top Freq 170.00000000 ASS O dB/div Ref 10.00 dBm	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5.2019 Frequency Auto Tun Center Freq
Res BW 1.0 MHz sci bite: The test results alreat Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.00000000 ASS OdB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5,2019 Frequency Auto Tun GHz 155.00000000 GH
Res BW 1.0 MHz sci bte: The test results alread Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.00000000 ASS 0 dB/div Ref 10.00 dBm Trace 1 Pass	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5,2019 Frequency Auto Tun Center Freq 155,00000000 GH Start Freq
Res BW 1.0 MHz science by the test results already bete: The test results already Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MIXER Coop Freq 170.00000000 CASS O dB/div Ref 10.00 dBm Coop Frace 1 Pass Coop Fr	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5,2019 Frequency Auto Tun Center Freq 155,00000000 GH Start Freq
Res BW 1.0 MHz sci bte: The test results alread Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA EXT MIXER Stop Freq 170.00000000 CASS O dB/div Ref 10.00 dBm Stop Trace 1 Pass	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5,2019 Frequency Auto Tun 155,0000000 GH Start Free 140,00000000 GH
Res BW 1.0 MHz science by the test results already bete: The test results already Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MIXER Coop Freq 170.00000000 CASS O dB/div Ref 10.00 dBm Coop Frace 1 Pass Coop Fr	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE TR	61+189 Mid 1m 5,2019 Frequency Auto Tun 155,0000000 GH Start Free 140,00000000 GH
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s s	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE DET TRACE TRACE TRACE DET TRACE	61+189 Mid 1m Stop Frequency Auto Tune GHz Center Frequency Start Frequency Start Frequency Start Frequency Start Frequency Start Frequency Start Frequency Center Frequency Start Frequency Center Frequency Start Frequency Center Frequency Center Frequency Start Frequency Center Frequency
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s s	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE DET TRACE TRACE TRACE DET TRACE	61+189 Mid 1m 5.2019 Frequency Auto Tune GHz Center Frequency Start Frequency Start Frequency Start Frequency Stop Frequency GHz Stop Frequency Center Frequency Stop Frequency Center Frequency GHz Center Frequency GHz Stop Frequency CF Step 3.000000000 GH
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s s	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE DET TRACE TRACE TRACE DET TRACE	61+189 Mid 1m 5,2019 Frequency 34.5 NNNN GHz Center Frequency 155.00000000 GH Start Frequency 140.00000000 GH Stop Frequency 170.00000000 GH Auto Mar
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s s	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE DET TRACE TRACE TRACE DET TRACE	61+189 Mid 1m 5.2019 Frequency Auto Tune GHz Center Frequency Auto Tune Start Frequency Start Frequency Stop Frequency Ito Stop Frequency Ito Stop Frequency Ito Stop Frequency Auto Tune Frequency Ito Stop Frequency Auto Materia Frequency
Res BW 1.0 MHz s s s s s s s s s s s s s s s s s s s	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE DET TRACE TRACE TRACE DET TRACE	61+189 Mid 1m 5.2019 Frequency Auto Tune GHz Center Frequency Auto Tune Start Frequency Ito.00000000 GH Stop Frequency Auto Tune Frequency Auto Tune GHz Center Frequency Stop Freq 170.00000000 GH Auto Freq Offse 0 H
Res BW 1.0 MHz science in the test results already bite: The test results already Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MIXER CODE Freq 170.00000000 CASS O O O O O O O O O O O O O O O O O O	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100' status tor (corrections: On). Beam ID Channel Test distance Avg Type: RMS Avg Type: RMS TRACE DS:31:50 PM May1 TRACE DET TRACE DET TRACE TRACE TRACE DET TRACE	61+189 Mid 1m 5.2019 Frequency Auto Tune GHz Center Freq 155.00000000 GH Start Freq 140.00000000 GH Stop Freq 3.00000000 GH Auto Mat Freq Offse 0 H
Res BW 1.0 MHz science in the test results already bete: The test results already Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MIXER CODE Freq 170.00000000 CASS O CODE	ady include the correction fact n260 140GHz-170GHz Vertical CORREC SENSE:INT OCREC SEN	Sweep 37.07 ms (100'	GHz GHz GHz GHz GHz GHz GHz GHz GHz GHz
Res BW 1.0 MHz s G bte: The test results alrea Band Frequency Range Antenna polarity Keysight Spectrum Analyzer - Swept SA Ext MIXER COD Freq 170.00000000 CASS O GB/div Ref 10.00 dBm Trace 1 Pass COD Trace 1 P	ady include the correction fact n260 140GHz-170GHz Vertical	Sweep 37.07 ms (100'	GHz GHz GHz GHz GHz GHz GHz GHz GHz GHz



Band	n260		Bear	n ID	61+189
Frequency Range	140GHz-170	GHz	Char		High
Antenna polarity	Horizonta		Test dis		1m
Keysight Spectrum Analyzer - Swept SA	TION 2011	*1	Toot an		
X EXT MIXER Stop Freq 170.00000000 PASS		ee Run A	Avg Type: RMS Avg Hold:>100/100	05:37:23 PM May 15, 2019 TRACE 1 2 3 4 5 TYPE MWWWW DET A N N N N	Frequency
10 dB/div Ref 10.00 dBm			M	kr1 167.54 GHz -37.000 dBm	Auto Tune
					Center Freq 155.00000000 GHz
-20.0					Start Freq 140.00000000 GHz
-30.0			An angla an an Alfantataa	^ 1	Stop Freq 170.00000000 GHz
-50.0					CF Step 3.00000000 GHz <u>Auto</u> Man
-70.0					Freq Offset 0 Hz
-80.0 Start 140.00 GHz				Stop 170.00 GHz	Scale Type
#Res BW 1.0 MHz	#VBW 3.0 MH	Z*		7.07 ms (1001 pts)	
	- de la chedra de como	- Carlon (STATUS		
Note: The test results alrea Band	n260	clion factor (Bear		61+189
Frequency Range	140GHz-170		Char		High
Antenna polarity	Vertical	GHZ	Test dis		1m
Keysight Spectrum Analyzer - Swept SA	Vertiour		i cot dic	Janoe	
Stop Freq 170.0000000	0 GHz		Avg Type: RMS	05:41:37 PM May 15, 2019 TRACE 1 2 3 4 5 (Frequency
PASS	PNO: Fast Trig: Fr IFGain:Low Atten:		vg Hold:>100/100		
10 dB/div Ref 10.00 dBm			M	kr1 167.87 GHz -37.154 dBm	Auto Tune
0.00					Center Freq 155.00000000 GHz
-10.0					Start Freq 140.00000000 GHz
-30.0			words and the state of the stat	<u> </u>	Stop Freq 170.00000000 GHz
-50.0					CF Step 3.00000000 GHz <u>Auto</u> Man
-60.0					Freq Offset 0 Hz
-80.0 Start 140.00 GHz				Stop 170.00 GHz	Scale Type
#Res BW 1.0 MHz	#VBW 3.0 MH	z*	Sweep 3	7.07 ms (1001 pts)	A REAL PROPERTY AND
MSG			STATUS		
Note: The test results alreated					



Band	n260 Beam ID		189
Frequency Range	170GHz-200GHz	Channel	Low
Antenna polarity	Horizontal	Test distance	1m
Keysight Spectrum Analyzer - Swept SA EXT MIXER Start Freq 170.000000000 PASS	CORREC SENSE:INT DO GHZ PNO: Fast IFGain:Low #Atten: 20 dB	03:03:14 PM May 16 Avg Type: RMS TRACE 2 Avg Hold:>100/100 TYPE M	4 5 6
10 dB/div Ref 10.00 dBm		Mkr1 185.33 0 -51.669 d	Hz 1
0.00 Trace 1 Pass			Clear Write
-10.0			Trace Average
40.0			Max Hold
60.0	Ŷ ¹	and a second and the second and the second	Min Hold
70.0			View Blank Trace On
80.0 Start 170.00 GHz #Res BW 1.0 MHz		Stop 200.00 Stop 200.00 Sweep 37.07 ms (1001	More GHz 1 of 3
	#VBW 3.0 MHz*	sweep 37.07 ms (1001	prsy
ote: The test results alrea	ady include the correction facto	or (corrections: On).	
Band	n260	Beam ID	189
Frequency Range	170GHz-200GHz z	Channel	Low
Antenna polarity	Vertical	Test distance	1m
Keysight Spectrum Analyzer - Swept SA	CORREC SENSE:INT	03:05:52 PM May 16	. 2019
Start Freq 170.0000000	PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB	Avg Type: RMS Avg Hold: 97/100 DET AND	Trace/Detector
	IFGain:Low #Atten: 20 GB	Mkr1 183.02 0	
0 dB/div Ref 10.00 dBm	in summer in	Mkr1 183.02 0 -51.734 d	GHZ 1
0 dB/div Ref 10.00 dBm	in summer in	Mkr1 183.02 0 -51.734 d	GHz 1 Bm
0 dB/div Ref 10.00 dBm	in summer in	Mkr1 183.02 0 -51.734 d	GHZ 1 Bm Clear Write
0 dB/div Ref 10.00 dBm 0 0 Trace 1 Pass 0.00 10.0 20.0 30.0	in summer in	Mkr1 183.02 0 -51.734 d	Clear Write
IO dB/div Ref 10.00 dBm -09 Trace 1 Pass 0.00	in summer in	Mkr1 183.02 0 -51.734 d	GHZ Bm Clear Write Trace Average Max Hole
O dB/div Ref 10.00 dBm -0g Trace 1 Pass 0.00		Mkr1 183.02 0 -51.734 d	SHZ Bm Clear Write Trace Average Max Hole
10 dB/div Ref 10.00 dBm		Mkr1 183.02 0 -51.734 d	GHz 1 Clear Write Trace Average Max Hold Min Hold View Blank Trace On More 1 of 3



Band	n260	Beam ID	189	
Frequency Range	170GHz-200GHz Channel		Mid	
Antenna polarity	Horizontal	Test distance		
Keysight Spectrum Analyzer - Swept SA	Tionzontai	Test distance		
Start Freg 170.0000000	CORREC SENSE:INT	03:08:37 PM May 1 Avg Type: RMS TRACE 2	5,2019 Trace/Detector	
PASS	PNO: Fast IFGain:Low #Atten: 20 dB	Avg Hold:>100/100 TYPE MWA DET AN	Select Trace	
10 dB/div Ref 10.00 dBm		Mkr1 184.61 (-51.642 d	GHZ 1	
0.00			Clear Write	
-10.0			Trace Average	
-30.0			Max Hold	
-50.0	·····	a banda managana ana ana ana ana da da a	Min Hold	
-70.0			View Blank Trace On	
-80.0 Start 170.00 GHz		Stop 200.00	More 1 of 3	
#Res BW 1.0 MHz	#VBW 3.0 MHz*	Sweep 37.07 ms (1001		
	- de la checke de la companya d'ana facto	STATUS		
	ady include the correction facto		400	
Band	n260	Beam ID	189	
Frequency Range	170GHz-200GHz	Channel	Mid	
Antenna polarity	Vertical	Test distance	1m	
Keysight Spectrum Analyzer - Swept SA	CORREC SENSE:INT	03:10:07 PM May 1		
Start Freq 170.0000000	PNO: Fast 😱 Trig: Free Run	Avg Type: RMS TRACE 2 Avg Hold:>100/100 TYPE MW DET AN		
10 dB/div Ref 10.00 dBm		Mkr1 185.87 (-51.716 d		
0.00			Clear Write	
-20.0			Trace Average	
-30.0			MaxHold	
-50.0	↓ 1		Min Hold	
-70.0			View Blank Trace On	
-80.0			More	
Start 170 00 CHz		Stop 200.00	CH7 1 of 3	
Start 170.00 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz* am189_1RB65_140-170G_Low_V.png>	Stop 200.00 Sweep 37.07 ms (1001	GHz	