## **Tuning Procedure (NX-3820HG-K)**

## **Common Section**

			Mea	sureme	ent			Adjustment	
	Panel tuning		Test-						Specifications/Remar
ltem	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
Item 1. Setting 2. VCO Assist	Panel tuning mode 1) DC voltage:13.6 2) SSG standard m [Wide] MOD:1kHz, [Narrow] MOD:1kHz, [RAST] Adj item: [RAST] Adj item: [Low1 AST]→ [Low2 AST]→ [Low3 AST]→ [Low4 AST]→ [Low6 AST]→ [Center1 AST]→ [Center2 AST]→ [Center3 AST]→ [Center3 AST]→ [Center5 AST]→ [High1 AST]→ [High2 AST]→ [High3 AST]→	PC tuning mode	Test- equipment	Unit	Terminal	Panel	Parts Selector [Functio n] [Home]	Method         [PC test mode]         [Automatic Adjustment]         1) Press [Tune Assist Voltage]         button.         2) Press [Apply All] button to store the adjustment value after the automatic adjustment has finished.         [Manual Adjustment]         [V] Indicator on the PC window shows VCO lock voltage.         Change the adjustment value to get VCO lock voltage within the limit of the specified voltage.         Note: Confirm the VCO lock	Specifications/Remar ks 2.5V±0.1V [Automatic Adjustment] After the automatic adjustment is performed, verify that the VCO lock voltage is within the voltage range which is specified by the manual adjustment. [Manual Adjustment] Press [Apply All] button to store the adjustment value after all adjustment points have been adjusted. Note:
	[High4 AST]→ [High5 AST]→ [High6 AST]→ Adjust:[***] Press[Function] key to store the adjustment value.	Press [Apply All] button to store the adjustment value.						<b>Note:</b> Confirm the VCO lock voltage approximately 3 seconds after the adjustment value is changed.	

			Меа	sureme	nent Adjustment				
Item	Panel tuning mode	PC tuning mode	Test- equipment	Unit	Terminal	Unit	Parts	Method	Specifications/Remar ks
3. Frequency adjust *1	* The Frequency adjustment can be performed only in PC test mode.	<ol> <li>Adj item: [Frequency] SSG output :-20dBm (22.4mV)(CW (without modulation))</li> <li>Caution: Perform the frequency adjustment under the following conditions.</li> <li>Temperature range of +20°C to +26°C (+68.0°F to +78.8°F).</li> <li>(The temperature is displayed on the Frequency adjustment screen of the KPG-D1 and the LCD of the transceiver.)</li> <li>Use an accuracy of 0.003ppm for the SSG. (Use a standard oscillator if necessary.)</li> </ol>	SSG	Panel	ANT	Panel	Selector [Functio n] [Home]	[PC test mode] Press [Start] button of "Auto Tuning". Press [Apply] button to store the adjustment value after the automatic adjustment has finished.	[PC test mode] "IF20" value = Within 0±12 digits. The value of "IF20" will become around "0" after the adjustment has finished. Remark: "Frequency" is adjusted under receiving condition with SSG.
Correction	[RTC] Adjust: [***] Press [Function] key to store the adjustment value.	Correction] Data: [***] Press [Apply] key to store the adjustment value.	Counter	רמושו	POINT (CN715)				The adjustment value should input the display of a Frequency Counter.

			Measurement						
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
1. High Transmit power adjust	<ol> <li>Adj item: [H_PWR] Adjust:[****]</li> <li>Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6]</li> <li>Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.</li> </ol>	1) Adj item: [High Transmit Power] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Power meter Ammeter	Panel	ANT	Panel	Selector [Functio n] [Home]	45W± 1W ≦10A (K type)	±1W [TBD] Current [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.
2. Low Transmit power adjust	<ul> <li>3) Adj item: [L_PWR] Adjust:[****]</li> <li>2) Adj item:</li> <li>[Low1]→ [Low5]→ [Center3]→ [High2]→ [High6]</li> <li>Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.</li> </ul>	1) Adj item: [Low Transmit Power] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Power meter Ammeter	Panel	ANT	Panel	Selector [Functio n] [Home]	5W ± 0.5W≦7A	±0.5W [TBD] Current <b>[PC test mode]</b> Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.

			Measurement				Adjustment		
-	Panel tuning		Test-				_		Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
3. Balance adjust	1) Adj item: [BAL] Adjust: [***] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [***] PTT: ON Press [Function] key to store the adjustment value.	1) Adj item: [Balance] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	The Deviation of 20Hz frequency is fixed. Change the 2kHz adjustment value to become the same deviation of 20Hz within the specified range.	2kHz Tone deviation is within ±1.0% of 20Hz tone deviation. [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.
4. Maximum Deviation adjust [Analog Wide]	1) Adj item: [ADEV] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	1) Adj item: [Maximum Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write fixed value for each adjustment point. (The value is written below.) Transmit at each adjustment point and check that the deviation is between 4150Hz and 4250Hz. Deviation meter LPF: 15kHz HPF: OFF 500 [Panel tuning mode] PTT: ON	4150~4250Hz [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.

			Measurement						
_	Panel tuning		Test-				_		Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.						<b>[PC test mode]</b> PTT: Press [Transmit] button	
[Analog Narrow]	1) Adj item: [ADEV] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	1) Adj item: [Maximum Deviation (Analog Narrow] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Conter1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write fixed value for each adjustment point. (The value is written below.) Transmit at each adjustment point and check that the deviation is between 2050Hz and 2150Hz. Deviation meter LPF: 15kHz HPF: OFF 500 [Panel tuning mode] PTT: ON [PC test mode] PTT: Press [Transmit] button	2050~2150Hz [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.

		Measurement				Adjustment		
Panel tuning		Test-	11	Tamainal	11	Danta	Masthaad	Specifications/Remar
mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	KS
1) Adj item: [NDEV] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the	1) Adj item: [NXDN High Deviation (NXDN Narrow)] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1]→ [Low3]→ [Low5]→ [Center1]→ [Center3]→ [Center5]→ [High2]→ [High4]→ [High6] [Transmit] button. Press [OK] button to store	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write fixed value for each adjustment point. (The value is written below.) Transmit at each adjustment point and check that the Analog deviation is between 2995Hz and 3117Hz. Deviation meter LPF: 3kHz HPF: OFF 500 [Panel tuning mode] PTT: ON [PC test mode] PTT: Press [Transmit] button	2995~3117Hz [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.
value.	value.							
1) Adj item: [NDEV] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	1) Adj item: [NXDN High Deviation (NXDN Very Narrow)] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write fixed value for each adjustment point. (The value is written below.) Transmit at each adjustment point and check that the Analog deviation is between 1331Hz and 1363Hz. Deviation meter LPF: 3kHz HPF: OFF 500 [Panel tuning mode] PTT: ON	1311~1363Hz [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.
	Panel tuning mode1) Adj item: [NDEV] Adjust: [****]2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.1) Adj item: [NDEV] Adjust: [****]2) Adj item: [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low4] $\rightarrow$ [Low4] $\rightarrow$ [Low4] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6]	Panel tuning modePC tuning mode1) Adj item: [NDEV]1) Adj item: [NXDN High Deviation (NXDN Narrow)] Deviation meter LPF: 3kHz HPF: OFF2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6]Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.[Transmit] button. Press [OK] button to store the adjustment value.1) Adj item: [NDEV] Adj item: [Low3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] [Center3] $\rightarrow$ [Center3] [Center3] $\rightarrow$ [Center3] [Center3] $\rightarrow$ [Center3] [Center3] $\rightarrow$ [Center3] [Center3] $\rightarrow$ [Center3] $\rightarrow$ [	Panel tuning modePC tuning modeMea Test- equipment1) Adj item: [NDEV] Adjust: [****]1) Adj item: [NXDN High Deviation (NXDN Narrow]] Deviation meter LPF: 3kHz HPF: OFFDeviation meter Oscilloscope2) Adj item: [Low1]→ [Low3]→ [Low3]→ [Low3]→ [Center1]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [High4]→ [High4]→ [High4]→ [High4]→ [High4]→ [NXDN High Deviation meter ule.Deviation meter Oscilloscope1) Adj item: [NDEV] Adjust: [****]1) Adj item: [NXDN High Deviation meter Uvery Narrow]] Deviation meter ulue.Deviation meter Oscilloscope1) Adj item: [NDEV] Adjust: [****]1) Adj item: [NXDN High Deviation meter UPF: 3kHz HPF: OFF 2) Adj item: [Low3]→ [Low3]→ [Low3]→ [Low3]→ [Low3]→ [Low3]→ [Low3]→ [Center1]→ [Center3]→ [	Panel tuning modePC tuning modeMeasureme equipment1) Adj item: [NDEV]1) Adj item: [NXDN High Deviation (NXDN Narrow]) Deviation meter LPF: 3kHz HPF: OFFDeviation meter OscilloscopePanel2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center1] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]Deviation meter OscilloscopePanelAdjust: [****] PTT: ON Press [Function] key to store the adjust: [****][Transmit] button. Press [CMI button to store the adjustment value.Deviation meter OscilloscopePanel1) Adj item: [NDEV] Adjust: [****][Transmit] button. Press [CMI button to store the adjustment value.Deviation meter OscilloscopePanel1) Adj item: [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center	$\begin{array}{ c c c c } \hline Panel tuning \\ \hline mode \\ \hline PC tuning mode \\ \hline equipment \\ equipment \\ \hline Unit \\ \hline Terminal \\ \hline Unit \\ \hline Terminal \\ \hline Narrowl] \\ \hline Deviation (NXDN \\ Narrowl] \\ Deviation (NXDN \\ Narrowl] \\ Deviation meter \\ LPF: 3kHz \\ HPF: OFF \\ 2) Adj item: \\ [Low1] \rightarrow \\ [Low3] \rightarrow \\ [Low5] \rightarrow \\ [Center1] \rightarrow \\ [Center3] \rightarrow \\ [Center5] \rightarrow \\ [Center5] \rightarrow \\ [Center5] \rightarrow \\ [Center5] \rightarrow \\ [High4] \rightarrow \\ [High6] \\ \hline High6] \\ \hline \\ Adjust: [***] \\ PTT: ON \\ Press [Function] \\ key to store the adjustment value. \\ \hline \\ 1) Adj item: \\ [NDEV] \\ Adjitem: \\ [NDEV] \\ Adjust: [***] \\ Deviation (NXDN \\ Very Narrow] \\ Deviation meter \\ LPF: 3kHz \\ HPF: OFF \\ 2) Adj item: \\ [Low3] \rightarrow \\ [Low5] \rightarrow \\ [Center5] \rightarrow \\ [High4] \rightarrow \\ [High4] \rightarrow \\ [High6] \\ \hline \end{array}$	$\begin{array}{ c c c c c } \hline Panel tuning mode & PC tuning mode & Test- equipment & Unit & Terminal & Unit \\ \hline Test- equipment & Unit & Terminal & Unit \\ \hline Test- equipment & Unit & Terminal & Unit \\ \hline Terminal & Unit & Terminal & Unit \\ \hline Terminal & Unit & Terminal & Unit \\ \hline Terminal & Unit & Terminal & Unit \\ \hline Terminal & Unit & Terminal & Unit \\ \hline Terminal & Unit & Deviation \\ \hline Measurement & Deviation \\ \hline Adjust: [****] & Narrow] & Deviation meter \\ LPF: 3kHz & HPF: OFF & 2) Adj item: \\ [Low1] \rightarrow & [Low3] \rightarrow & [Low3] \rightarrow & [Center3] \rightarrow & [Center3] \rightarrow & [Center5] \rightarrow & [High4] \rightarrow & [High6] & [High6] & [High6] & [High6] & [High6] & [High7] \rightarrow & [Deviation meter \\ value. & value. & value. & value. & Deviation & meter \\ Oscilloscope & Panel & ANT & Panel & ANT & Panel \\ \hline 1) Adj item: & 1) Adj item: & Deviation & meter \\ value. & value. & value. & Deviation & meter \\ DFF: OFF & OFF & 2) Adj item: & [Low1] \rightarrow & [Low3] \rightarrow & [Center3] \rightarrow & [Center5] \rightarrow & [High6] & [Hig$	Panel tuning modePC tuning modeMeasurementTest- equipmentUnitTerminalUnitPanel1) Adj Item: (NDEV) Adjust: [****]1) Adj Item: (NXDN High Deviation meter LPF: 3KHz HPF: OFFDeviation (ScilloscopePanelANTPanelSelector [Function n]2) Adj item: (Low3] (Center1]> (Center3]-+ (Center5]-+ (High2]-> (High4]-+ (High6]Iow3)- (Low3)- (Low3)- (Center5]-+ (High6]Deviation (NADN (High6)NTPanelANTPanelAdj item: (Low3] (Center3]-+ (Center5]-+ (High6](Center3)-+ (Center3)-+ (High6]Center5)-+ (High6]NTPanelNTPanelAdjust: [****] (NTITransmit] button. value.(Center5)-+ (Center5)-+ (High6]Deviation meter OscilloscopePanelANTPanel1) Adj item: (NDEV] Adjust: [****]1) Adj item: (NXDN High Deviation (NXDN Very Narrowi)) Deviation meter LPF: 3KHz HPF: OFF (Low3]-+ (Low3]-+ (Low3]-+ (Low3]-+ (Low3]-+ (Low3]-+ (Low3]-+ (Low3]-+ (Low3]-+ (Center5]-+ (High6)Deviation (NDEV NANTPanelSelector (Functio n] (High6]1) Adj item: (Low3]-+ (Center5]-+ (High6]1) Adj item: (Low3]-+ (Center5]-+Devi	Panel tuning mode         PC tuning mode         Measurement         Adjustment           1) Adj Item: (NDEV) Adjust: [***]         1) Adj Item: (NDEV) Deviation (NXDN) Deviation (NXDN) Narrow)]         Deviation meter         Panel         ANT         Panel         Selector [Function] postition meter LPF: 3kHz         Method           2) Adj Item: (Lows]→ (Center5]→ (Ce

			Меа	asureme	ent	Adjustment			
	Panel tuning		Test-		L				Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.						[PC test mode] PTT: Press [Transmit] button	
6. DMR High Deviation adjust [DMR Narrow]	1) Adj item: [DDEV] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	1) Adj item: [DMR High Deviation (DMR Narrow)] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [[Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Deviation meter Oscilloscope	Panel Panel	ANT ANT	Panel Panel	Selector [Functio n] [Home] Selector [Functio n] [Home]	Write fixed value for each adjustment point. (The value is written below.) Transmit at each adjustment point and check that the Analog deviation is between 1331Hz and 1363Hz. Deviation meter LPF: 3kHz HPF: OFF 500 [Panel tuning mode] PTT: ON [PC test mode] PTT: Press [Transmit] button	1311~1363Hz [PC test mode] Press [Apply All] button to store the adjustment value after all adjustment point was adjusted.
7. QT Deviation adjust [Analog Wide]	1) Adj item: [QT] Adjust: [****] 2) Adj item: [Low1]→ [Low3]→ [Center1]→ [Center3]→ [Center5]→ [High2]→	1) Adj item: [QT Deviation (Analog Wide)] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$	Deviation meter Oscilloscope					Write the value as followings. 512	0.75kHz±0.05kHz

			Measurement						
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
	[High4]→ [High6]	[High4]→ [High6]							
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.							
[Analog Narrow]	1) Adj item: $[QT]$ Adjust: $[****]$ 2) Adj item: $[Low1] \rightarrow$ $[Low3] \rightarrow$ $[Center1] \rightarrow$ $[Center3] \rightarrow$ $[Center5] \rightarrow$ $[High2] \rightarrow$ $[High4] \rightarrow$ [High6] Adjust: $[****]$ PTT: ON Press [Function] key to store the adjustment value.	1) Adj item: [QT Deviation (Analog Narrow)] Deviation meter LPF: $3kHz$ HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 512	0.35kHz±0.05kHz
8. DQT Deviation adjust [Analog	1) Adj item: [DQT] Adjust: [****]	1) Adj item: [DQT Deviation (Analog Wide)] Deviation meter	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 430	0.75kHz±0.05kHz

			Measurement						
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
Wide]	2) Adj item: $[Low1] \rightarrow$ $[Low3] \rightarrow$ $[Low5] \rightarrow$ $[Center1] \rightarrow$ $[Center3] \rightarrow$ $[Center5] \rightarrow$ $[High2] \rightarrow$ $[High4] \rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	LPF: $3kHz$ HPF: $OFF$ 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.							
[Analog Narrow]	1) Adj item: [DQT] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	1) Adj item: [DQT Deviation (Analog Narrow)] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 430	0.35kHz±0.05kHz

			Measurement						
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
9. LTR Deviation adjust [Analog Wide]	1) Adj item: [LTR] Adjust: [****]	1) Adj item: [LTR Deviation (Analog Wide)] Deviation meter LPF: 3kHz HPF: OFF	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings.	1.00kHz±0.05kHz
	2) Adj lient. [Low1]→ [Low3]→ [Low5]→ [Center1]→ [Center3]→ [Center5]→ [High2]→ [High4]→ [High6]	2) Adj hein: [Low1]→ [Low3]→ [Low5]→ [Center1]→ [Center3]→ [Center5]→ [High2]→ [High4]→ [High6]							
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.							
[Analog Narrow]	1) Adj item: [LTR] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	1) Adj item: [LTR Deviation (Analog Narrow)] Deviation meter LPF: 3kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 512	0.75kHz±0.05kHz
	Adjust: [****] PTT: ON Press [Function]	[Transmit] button. Press [OK] button to store							

		Measurement						
Panel tuning		Test-						Specifications/Remar
mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
key to store the adjustment value.	the adjustment value.							
1) Adj item: [DTMF] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****]	1) Adj item: [DTMF Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button.	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings.	2.50kHz±0.05kHz
PTT: ON Press [Function] key to store the adjustment value.	Press [OK] button to store the adjustment value.							
1) Adj item: [DTMF] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	1) Adj item: [DTMF Deviation (Analog Narrow)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low5] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings.	1.25kHz±0.05kHz
	Panel tuning modekey to store the adjustment value.1) Adj item: [DTMF] Adjust: [****]2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]Adjust: [****]PTT: ON Press [Function] key to store the adjustment value.1) Adj item: [DTMF] Adjust: [****]2) Adj item: [Low3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6]	Panel tuning modePC tuning modekey to store the adjustment value.the adjustment value.1) Adj item: [DTMF]1) Adj item: [DTMF Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFF2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [DTMF] Adjust: [****]Adjust: [****] Press [Function] key to store the adjustment value.1) Adj item: [DTMF] Adjust: [****]1) Adj item: [DTMF] Adjust: [****]2) Adj item: [Low3] $\rightarrow$ [Conter1] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [DTMF] Adjust: [****]1) Adj item: [DTMF] [DTMF] Adjust: [****]2) Adj item: [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ <	Panel tuning modePC tuning modeTest- equipmentkey to store the adjustment value.the adjustment value.Deviation meter1) Adj item: [DTMF]1) Adj item: [DTMF Deviation Adjust: [****]Deviation meter LPF: 15kHz HPF: OFFDeviation meter2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [DTMF] Adjust: [****][Transmit] button. Press [OK] Deviation meter LPF: 15kHz HPF: OFF2) Adj item: [DTMF] Adjust: [****]1) Adj item: (DTMF Deviation Adjust: [****]Deviation meter1) Adj item: [DTMF] Adjust: [****]1) Adj item: (DAdj item: (Analog Narrow)] Deviation meter LPF: 15kHz HPF: OFFDeviation meter Oscilloscope2) Adj item: [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$	Panel tuning modePC tuning modeTest- equipmentUnitkey to store the adjustment value.the adjustment value.UnitUnith) Adj item: (DTMF)1) Adj item: (DTMF)Deviation meter OscilloscopePanel meter Oscilloscope1) Adj item: (DTMF)(Analog Wide)] Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel meter Oscilloscope2) Adj item: (Low1] $\rightarrow$ (Low3] $\rightarrow$ (Center1] $\rightarrow$ (Center5] $\rightarrow$ (Center5] $\rightarrow$ (High2] $\rightarrow$ (High4] $\rightarrow$ (High6]Center1] $\rightarrow$ Press [Function] button to store the adjustment value.Deviation meter OscilloscopeAdjust: [****] value.1) Adj item: (DTMF) (Adj item: (DTMF) (Center1] $\rightarrow$ (Center1] $\rightarrow$ (Center1] $\rightarrow$ (Center3] $\rightarrow$ (Center3] $\rightarrow$ (Center1] $\rightarrow$ (Center3] $\rightarrow$ (Center3] $\rightarrow$ (Center3] $\rightarrow$ (Center1] $\rightarrow$ (Center3] $\rightarrow$ <br< td=""><td><math display="block">\begin{array}{ c c c } \hline Panel tuning mode &amp; PC tuning mode &amp; Test-equipment &amp; Unit &amp; Terminal \\ \hline Test-equipment &amp; Unit &amp; Terminal \\ \hline regularization for adjustment \\ value. &amp; value. &amp; Panel &amp; ANT \\ \hline Panel tuning mode &amp; Panel &amp; ANT \\ \hline Panel tuning mode &amp; Panel &amp; Panel &amp; ANT \\ \hline Panel tuning mode &amp; Panel &amp; Panel &amp; ANT \\ \hline Panel tuning mode &amp; Panel &amp; Panel &amp; Panel &amp; Panel \\ \hline Pr: 15KHz &amp; HPF: OFF &amp; Panel &amp; Panel &amp; Panel &amp; Panel \\ PF: 15KHz &amp; HPF: OFF &amp; Panel &amp; Panel &amp; Panel &amp; Panel &amp; Panel &amp; Panel \\ \hline Pr: 15KHz &amp; HPF: OFF &amp; Panel &amp; Panel</math></td><td>MeasuremetMeasuremetPanel tuning modePC tuning modeTest- equipmentUnitTerminalUnitkey to store the adjustment value.the adjustment value.the adjustment value.Deviation meterPanelANTPanel[DTMF] (Analog Wide)] Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanelANTPanel[Low1] (Low3] [Low3] [Center1] -&gt; (Center3] -&gt; (Center5] -&gt; [High2] -&gt; (High4] -&gt; (High4] -&gt; (High6]Icovs1 -&gt; (Center5] -&gt; (Press [Function] button to store the adjustment value.PanelANTPaneladjust: [****] (Analog Wide) (Analog Wide) (Analog Wide)] (Deviation meter LPF: 15kHz (High6]Deviation (Analog Narrow)] Deviation meter (Dation meter Deviation meter (Drift Deviation (Analog Narrow)] Deviation meter (DesilloscopePanelANTPanel1) Adj item: (Low5] -&gt; (Center5] -&gt; (High4] -&gt; (High4] -&gt; (High4] -&gt; (High4] -&gt; (High4] -&gt; (High4] -&gt; (High4] -&gt; (High4] -&gt; (High6]Deviation meter (Deviation (Deviation (Deviation (Deviation (Deviation (Deviation (Deviation (Deviation<br <="" td=""/><td>Panel tuning modeTest- equipmentUnitImage: Selector (Function meter Oscilloscope1) Adj item: (DTMF)1) Adj item: (DTMF)Deviation (DTMF)Panel (DTMF)ANTPanel (Analog Wide)) (Analog Wide)) Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel (Analog Wide)) (Analog Wide)) Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel (Analog Wide)) (Analog Wide)) Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel (Analog Wide)) (Analog Wide)) (Center1)- (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (High4]- (High6]Deviation (Analog Nice)Panel (Analog Nice)ANT (Analog Nice)Panel (Analog Nice)Adjust: [***] (Analog Nice) (Press [Function] key to store the take to adjustment value.Deviation meter OscilloscopePanel (Analog Nice)ANT (Panel (Analog Nice)1) Adj item: (DTMF) (Analog Narrow) Deviation meter (Low3]-+ (Center5]-+</br></td><td>Panel tuning modePC tuning modeTest- quipmentUnitTerminalUnitPartsMethodkey to store the value.the adjustment value.value.Deviation meterDeviation meterPanelANTPanelSelectorWrite the value as followings.<math>[DTMF]</math> Adjust: [***]DTMF Deviation (Panel QuipmentDeviation meter Deviation meter LF: 15M2PanelANTPanelSelector If unit<math>[Low1] \rightarrow</math> [Low3] <math>\rightarrow</math> [Center5] <math>\rightarrow</math> [Center5] <math>\rightarrow</math>[Low3] <math>\rightarrow</math> (Center5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> Press [Function] value.[Center5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> Press [Function] Liow3] <math>\rightarrow</math> Liow3] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> Press [Function] (Analog Narrow])Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Canter5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Canter5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Canter5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation<b< td=""></b<></td></td></br<>	$\begin{array}{ c c c } \hline Panel tuning mode & PC tuning mode & Test-equipment & Unit & Terminal \\ \hline Test-equipment & Unit & Terminal \\ \hline regularization for adjustment \\ value. & value. & Panel & ANT \\ \hline Panel tuning mode & Panel & ANT \\ \hline Panel tuning mode & Panel & Panel & ANT \\ \hline Panel tuning mode & Panel & Panel & ANT \\ \hline Panel tuning mode & Panel & Panel & Panel & Panel \\ \hline Pr: 15KHz & HPF: OFF & Panel & Panel & Panel & Panel \\ PF: 15KHz & HPF: OFF & Panel & Panel & Panel & Panel & Panel & Panel \\ \hline Pr: 15KHz & HPF: OFF & Panel & Panel$	MeasuremetMeasuremetPanel tuning modePC tuning modeTest- equipmentUnitTerminalUnitkey to store the adjustment value.the adjustment value.the adjustment value.Deviation meterPanelANTPanel[DTMF] (Analog Wide)] Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanelANTPanel[Low1] (Low3] [Low3] [Center1] -> (Center3] -> (Center5] -> [High2] -> (High4] -> (High4] -> (High6]Icovs1 -> (Center5] -> (Press [Function] button to store the adjustment value.PanelANTPaneladjust: [****] (Analog Wide) (Analog Wide) (Analog Wide)] (Deviation meter LPF: 15kHz (High6]Deviation (Analog Narrow)] Deviation meter (Dation meter Deviation meter (Drift Deviation (Analog Narrow)] Deviation meter (DesilloscopePanelANTPanel1) Adj item: (Low5] -> (Center5] -> (High4] -> (High4] -> (High4] -> (High4] -> (High4] -> (High4] -> (High4] -> (High4] -> (High6]Deviation meter (Deviation (Deviation (Deviation (Deviation (Deviation (Deviation (Deviation (Deviation <td>Panel tuning modeTest- equipmentUnitImage: Selector (Function meter Oscilloscope1) Adj item: (DTMF)1) Adj item: (DTMF)Deviation (DTMF)Panel (DTMF)ANTPanel (Analog Wide)) (Analog Wide)) Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel (Analog Wide)) (Analog Wide)) Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel (Analog Wide)) (Analog Wide)) Deviation meter LPF: 15kHz HPF: OFFDeviation meter OscilloscopePanel (Analog Wide)) (Analog Wide)) (Center1)- (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (Center5]-&gt; (High4]- (High6]Deviation (Analog Nice)Panel (Analog Nice)ANT (Analog Nice)Panel (Analog Nice)Adjust: [***] (Analog Nice) (Press [Function] key to store the take to adjustment value.Deviation meter OscilloscopePanel (Analog Nice)ANT (Panel (Analog Nice)1) Adj item: (DTMF) (Analog Narrow) Deviation meter (Low3]-+ (Center5]-+</br></td> <td>Panel tuning modePC tuning modeTest- quipmentUnitTerminalUnitPartsMethodkey to store the value.the adjustment value.value.Deviation meterDeviation meterPanelANTPanelSelectorWrite the value as followings.<math>[DTMF]</math> Adjust: [***]DTMF Deviation (Panel QuipmentDeviation meter Deviation meter LF: 15M2PanelANTPanelSelector If unit<math>[Low1] \rightarrow</math> [Low3] <math>\rightarrow</math> [Center5] <math>\rightarrow</math> [Center5] <math>\rightarrow</math>[Low3] <math>\rightarrow</math> (Center5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> Press [Function] value.[Center5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> Press [Function] Liow3] <math>\rightarrow</math> Liow3] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> Press [Function] (Analog Narrow])Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Canter5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Canter5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Canter5] <math>\rightarrow</math>Deviation meterPanelANTPanelSelector If unit<math>[Adjust: [***]]</math> (Canter5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math> (Center5] <math>\rightarrow</math>Deviation<b< td=""></b<></td>	Panel tuning modeTest- equipmentUnitImage: Selector (Function 	Panel tuning modePC tuning modeTest- quipmentUnitTerminalUnitPartsMethodkey to store the value.the adjustment value.value.Deviation meterDeviation meterPanelANTPanelSelectorWrite the value as followings. $[DTMF]$ Adjust: [***]DTMF Deviation (Panel QuipmentDeviation meter Deviation meter LF: 15M2PanelANTPanelSelector If unit $[Low1] \rightarrow$ [Low3] $\rightarrow$ [Center5] $\rightarrow$ [Center5] $\rightarrow$ [Low3] $\rightarrow$ (Center5] $\rightarrow$ (Center5] $\rightarrow$ Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ Press [Function] value.[Center5] $\rightarrow$ (Center5] $\rightarrow$ Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ Press [Function] Liow3] $\rightarrow$ Liow3] $\rightarrow$ (Center5] $\rightarrow$ Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ Press [Function] (Analog Narrow])Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ (Canter5] $\rightarrow$ (Canter5] $\rightarrow$ Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ (Canter5] $\rightarrow$ (Canter5] $\rightarrow$ Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ (Canter5] $\rightarrow$ (Canter5] $\rightarrow$ Deviation meterPanelANTPanelSelector If unit $[Adjust: [***]]$ (Canter5] $\rightarrow$ (Center5] $\rightarrow$ (Center5] $\rightarrow$ Deviation <b< td=""></b<>

			Measurement Adjustment			Adjustment			
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	Press [OK] button to store the adjustment value.							
11. Single TONE Deviation adjust [Analog Wide]	1) Adj item: [TONE] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High6]	1) Adj item: [Single TONE Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6]	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 512	3.00kHz±0.05kHz
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.							
[Analog Narrow]	1) Adj item: [TONE] Adjust: [****] 2) Adj item: [Low1]→ [Low3]→ [I ow3]→	1) Adj item: [Single TONE Deviation (Analog Narrow)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1]→ [Low3]→	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 512	1.50kHz±0.05kHz

			Measurement Adjustment						
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
	$\begin{array}{c} [Center1] \rightarrow \\ [Center3] \rightarrow \\ [Center5] \rightarrow \\ [High2] \rightarrow \\ [High4] \rightarrow \\ [High6] \end{array}$	$\begin{array}{c} [Center1] \rightarrow \\ [Center3] \rightarrow \\ [Center5] \rightarrow \\ [High2] \rightarrow \\ [High4] \rightarrow \\ [High6] \end{array}$							
	Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.							
12. MSK Deviation adjust [Analog Wide]	1) Adj item: [MSK] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the adjustment	1) Adj item: [MSK Deviation (Analog Wide)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 512	3.00kHz±0.05kHz
[Analog Narrow]	value. 1) Adj item: [MSK] Adjust: [****] 2) Adj item:	1) Adj item: [MSK Deviation (Analog Narrow)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item:	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 512	1.50kHz±0.05kHz

ItemPearl tuning modePC tuning modeTest- equipmentUnitTerminalUnitPartsMethodSpecifications/RemarksLow3] Low6] (Center1]-> (Center1]-> (Center1]-> (Center6] High2]-Low3] (Center6] (Center6] (Center6] High2]-Low3] (Center6] (Center6] High2]-Low3] (Center6] (Center6] High2]-Low3] (Center6] (Center6] High2]-Low3] (Center6] (Center6] High2]-Deviation meterANTParel ANTSelector (Parel Selector (Parel Selector (Parel Selector))Write the value as followings. (Parel Selector)1.10kHz±0.10kHz13. CWID adjust: [***] (Conter6] (Conter6] (Conter6] (Conter6] (Center6] (Center6] (Conter6] (Conter6] (Center6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Conter6] (Ce				Measurement				Adjustment		
$ \begin{array}{                                    $		Panel tuning		Test-						Specifications/Remar
Luwaj Luwaj Luwaj Luwaj Luwaj luwaj luwaj luwaj luwaj luwaj luwaj i (center1)- (Center1) (Center3) (Center3) (Center5) (High2)- High4] High6]       Luwaj (Center3) (Center5) (High2)- High6]       Interst i (Center1)- (Center5) (High6)       Parel i (Center3)- (Center5) High2)- High6]       Adjust: [***] (With Deviation adjust Adjust: [***]       Parel i (CWD) Press [Function] Adjust: [***]       Deviation meter Oscilloscope       Panel i (Center5)- teref       ANT       Panel i (Center5)- i (Center5)- i (Conter5)- i (Conter5)- i (Conter5)- i (Conter5)- i (Conter5)- i (Conter5)- i (Conter5)- i (Conter5)- i (Center5)- i (Center5)- (Center5)- i (Center5)- i (Center	ltem	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
Adjust: [***] Press [Function] key to store the adjustment value.       Transmit] button. Press [OK] button to store the adjustment value.       Panel       Selector IFUNCTION Panel       Write the value as followings.       1.10kHz±0.10kHz         13. CWID Deviation adjust [Analog Narrow]       1) Adj item: [CWID Deviation Adjust: [***]       1) Adj item: [CWID Deviation (Analog Narrow])       Deviation meter Oscilloscope       Panel       Selector IFUNCTION Oscilloscope       Write the value as followings.       1.10kHz±0.10kHz         2) Adj item: [Low3]→ [Low3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [Center3]→ [High4] → [High4] →		$ \begin{array}{c} [Low1] \rightarrow \\ [Low3] \rightarrow \\ [Low5] \rightarrow \\ [Center1] \rightarrow \\ [Center3] \rightarrow \\ [Center5] \rightarrow \\ [High2] \rightarrow \\ [High4] \rightarrow \\ [High6] \end{array} $	$ \begin{array}{c} [Low1] \rightarrow \\ [Low3] \rightarrow \\ [Low5] \rightarrow \\ [Center1] \rightarrow \\ [Center3] \rightarrow \\ [Center5] \rightarrow \\ [High2] \rightarrow \\ [High4] \rightarrow \\ [High6] \end{array} $							
13. CWID     1) Adj item:     1) Adj item:     1) Adj item:     Deviation     Panel     ANI     Panel     Selector     Write the value as followings.     1.10kHz±0.10kHz       Deviation     IGWID     CWID     Image: Composition (Analog Narrow)]     Deviation meter     Oscilloscope     0scilloscope     470       Narrow]     2) Adj item:     2) Adj item:     2) Adj item:     10w3]→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icwid)→     Icwid)→     Icwid)→     Icwid)→     Icwid)→       Icenter3)→     Icenter3)→ <td></td> <td>Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.</td> <td>[Transmit] button. Press [OK] button to store the adjustment value.</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	[Transmit] button. Press [OK] button to store the adjustment value.	-						
	13. CWID Deviation adjust [Analog Narrow]	1) Adj item: [CWID] Adjust: [****] 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] Adjust: [****] PTT: ON Press [Function] key to store the adjustment value.	1) Adj item: [CWID Deviation (Analog Narrow)] Deviation meter LPF: 15kHz HPF: OFF 2) Adj item: [Low1] $\rightarrow$ [Low3] $\rightarrow$ [Center1] $\rightarrow$ [Center3] $\rightarrow$ [Center5] $\rightarrow$ [High2] $\rightarrow$ [High4] $\rightarrow$ [High6] [Transmit] button. Press [OK] button to store the adjustment value.	Deviation meter Oscilloscope	Panel	ANT	Panel	Selector [Functio n] [Home]	Write the value as followings. 470	1.10kHz±0.10kHz

## \*3 Necessary Deviation adjustment item for each signaling and mode

The following shows the necessary adjustment items for each signaling deviation. Please read the following table like the following example. In the case of the signaling "QT (Wide 5k)", this signaling is composed of three elements [Balance, Maximum Deviation (Analog Wide 5k) and QT Deviation (Wide 5k)]. Please adjust Balance and Maximum Deviation (Analog Wide 5k) before adjusting QT Deviation (Wide 5k).

			Necessary adjus	stment and order	
Mode	Signaling	Wide	Narrow	Very Narrow	
Analog	Audio	1. Balance adjust	1. Balance adjust		
		2. Maximum Deviation adjust	2. Maximum Deviation adjust		
			[Narrow]		
	QI	1. Balance adjust	1. Balance adjust		
		2. Maximum Deviation adjust	2. Maximum Deviation adjust		
		[Wide]	[Narrow]		
	DOT	3. QT Deviation adjust [wide]	3. QT Deviation adjust [Narrow]		
	DQT	1. Balance adjust	1. Balance adjust		
			2. Maximum Deviation adjust		
		2 DOT Deviation adjust [Wide]	2 DOT Deviation adjust [Narrow]		
		1. Balance adjust	1 Relance adjust		4
	LIN	2 Maximum Doviation adjust	2 Maximum Doviation adjust		
			[Narrow]		
		3 ITB Deviation adjust [Wide]	3 ITB Deviation adjust [Narrow]		
	DTME	1 Balance adjust	1 Balance adjust		
	DIN	2. Maximum Deviation adjust	2. Maximum Deviation adjust		
		[Wide]	[Narrow]		
		3. DTMF Deviation adjust [Wide]	3. DTMF Deviation adjust [Narrow]		
	2TONE	1. Balance adjust	1. Balance adjust		
		2. Maximum Deviation adjust	2. Maximum Deviation adjust		
		[Wide]	[Narrow]		
		3. Single TONE Deviation adjust	3. Single TONE Deviation adjust		
		[Wide]	[Narrow]		
	MSK(Fleet	1. Balance adjust	1. Balance adjust		
	sync)	2. Maximum Deviation adjust	2. Maximum Deviation adjust		
		[Wide]	[Narrow]		
		3. MSK Deviation adjust [Wide]	3. MSK Deviation adjust [Narrow]		
NXDN	Audio		1. Balance adjust	1. Balance adjust	
			2. Maximum Deviation [NXDN	2. Maximum Deviation adjust	
			Narrowj	[NXDN Very Narrow]	
	CWID			1. Balance adjust	
				2. Maximum Deviation [Analog	
				Narrowj	
				3. GWID Deviation adjust [very	
				Narrow	

• Balance is common with all the above deviation adjustments. If Balance (Transmitter Section 3) has already adjusted, please skip Step1 and adjust from Step2.

Maximum Deviation (Analog Wide/Narrow) is common with all the analog signaling deviations and CWID Deviation (NXDN Very Narrow).

If Balance and Maximum Deviation (Analog Wide /Narrow) (Transmitter Section 5) have already adjusted, please skip Step2 and adjust from Step3.

## **Receiver Section**

			Mea	sureme	ent			Adjustment	
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
1. AF level setting	[Panel test mode] 1) CH-Sig: 1-1 SSG output: -47dBm (1mV) (MOD: 1kHz/±1.5kHz)	1) Test Channel Channel: 1 Test Signaling Mode: Analog Signaling: 1 SSG output: -47dBm (1mV) (MOD: 1kHz/±1.5kHz)	SSG DVM AF VTVM Dummy load	Panel	ANT Ext. SP connector	Panel	[Panel tuning mode] [+], [-] [PC test mode] [+], [-]	Volume Up/Down knob to obtain 1.41V AF output. (0.5W @ 4Ω load)	1.41V±0.1V
2. IQ Phase Adjust	1) Adj item: [IQ] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: Freq: Tune Freq +8kHz level: -53dBm (MOD:OFF)	1) Adj item: [IQ Phase] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] SSG output: Freq: Tune Freq +8kHz level: -53dBm (MOD:OFF)	SSG	Panel	ANT Ext. SP connector	Panel	[Panel tuning mode] [▲], [♥] [PC test mode] [+], [-]	[PC test mode] [Automatic Adjustment] After input signal from SSG, 1) Press [Autotune] button. 2) Press [Apply] button to store the adjustment value after the automatic adjustment has finished. [Manual Adjustment] Adjust RSSI Level(DSP Normal Power Mode) Value to the minimum.	
3. RSSI reference adjust	1) Adj item: [RRSSI] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level -3dB (MOD: 1kHz/±1.5kHz)	1) Adj item: [RSSI Reference (Analog Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dBSINAD level -3dB (MOD: 1kHz/±1.5kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, 1) Press [Acquire Monitored Value] button. 2) Press [Apply] button to store the adjustment value.	

			Mea	sureme	ent	Adjustment		Adjustment	
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
4.Open Squelch adjust [Analog Wide]	1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level –3dB (MOD: 1kHz/±3kHz)	1) Adj item: [Open Squelch (Analog Wide)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level -3dB (MOD: 1kHz/±3kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, 1) Press [Acquire Monitored Value] button. 2) Press [Apply] button to store the adjustment value.	
[Analog Narrow]	1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level –3dB (MOD: 1kHz/±1.5kHz)	1) Adj item: [Open Squelch (Analog Narrow)] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] SSG output: 12dB SINAD level –3dB (MOD: 1kHz/±1.5kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, 1) Press [Acquire Monitored Value] button. 2) Press [Apply] button to store the adjustment value.	
[NXDN Narrow]	1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6]	1) Adj item: [Open Squelch (NXDN Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6]	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, press [Apply] button to store the adjustment value.	

			Measurement						
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
	SSG output: 12dB SINAD level at Analog Narrow –3dB (MOD: 1kHz/±1.5kHz)	SSG output: 12dB SINAD level at Analog Narrow –3dB (MOD: 1kHz/±1.5kHz)							
[NXDN Very Narrow]	1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] SSG output: 12dB SINAD level at Analog Narrow –4dB (MOD: 400Hz/±1.1kHz)	1) Adj item: [Open Squelch (NXDN Very Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level at Analog Narrow -4dB (MOD: 400Hz/±1.1kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, press [Apply] button to store the adjustment value.	
[DMR]	1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level at Analog Narrow -3dB (MOD: 1kHz/±1.5kHz)	1) Adj item: [Open Squelch (NXDN Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level at Analog Narrow -3dB (MOD: 1kHz/±1.5kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, 1) Press [Acquire Monitored Value] button. 2) Press [Apply] button to store the adjustment value.	

			Mea	sureme	ent	Adjustment			
	Panel tuning		Test-						Specifications/Remar
Item	mode	PC tuning mode	equipment	Unit	Terminal	Unit	Parts	Method	ks
5. Low RSSI adjust	1) Adj item: [LRSSI] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6]	1) Adj item: [Low RSSI (Analog Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6]	SSG	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, press [Apply] button to store the adjustment value.	
	SSG output: –118dBm (0.28µV) (MOD: 1kHz/±1.5kHz)	SSG output: -118dBm(0.28uV ) (MOD: 1kHz/±1.5kHz)							
6. High RSSI adjust	1) Adj item: [HRSSI] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: -80dBm(22.4µV) (MOD:	1) Adj item: [High RSSI (Analog Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: -80dBm(22.4uV) (MOD:	SSG	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, press [Apply] button to store the adjustment value.	
7.Tight Squelch adjust [Analog Wide]	1 KHZ/±1.5KHZ) 1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] SSG output: 12dB SINAD level +6dB (MOD: 1kHz/±3kHz)	1 KHZ/±1.5KHZ) 1) Adj item: [Tight Squelch (Analog Wide)] 2) Adj item: [Low1]→ [Low5]→ [Center3]→ [High2]→ [High6] SSG output: 12dB SINAD level +6dB (MOD: 1kHz/±3kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, press [Apply] button to store the adjustment value.	

			Меа	sureme	ent	Adjustment			
Item	Panel tuning mode	PC tuning mode	Test- equipment	Unit	Terminal	Unit	Parts	Method	Specifications/Remar ks
[Analog Narrow]	1) Adj item: [SQL] Adjust: [***] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level +6dB (MOD: 1kHz/±1.5kHz)	1) Adj item: [Tight Squelch (Analog Narrow)] 2) Adj item: [Low1] $\rightarrow$ [Low5] $\rightarrow$ [Center3] $\rightarrow$ [High2] $\rightarrow$ [High6] SSG output: 12dB SINAD level +6dB (MOD: 1kHz/±1.5kHz)	SSG Distortion meter Oscilloscope	Panel	ANT Ext. SP connector	Panel		[Panel tuning mode] After input signal from SSG, press [Triangle] key to store the adjustment value. [PC test mode] After input signal from SSG, press [Apply] button to store the adjustment value.	